SEE BOOK OF STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION. 2010 EDITION.
ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE NDOT 2014 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND PER THE DESIGN BUILD SPECIAL PROVISIONS CW-08 SPECIFICATIONS AND STANDARD PLANS.
WORK FOR THE LOCAL AGENCY PROJECT INFRASTRUCTURE THAT IS EITHER OWNED, OPERATED, OR MAINTAINED BY THE CITY OF LAS VEGAS SHALL COMPLY WITH THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA, AS AMENDED BY CITY OF LAS VEGAS SPECIAL PROVISIONS, AND THE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA.

CERTIFICATION FOR RELEASED-FOR-CONSTRUCTION DESIGN/FINAL DESIGN/ AS-BUILTS

LEAD ENGINEER _____, DATE 04/21/2020
ROGER PHILIPPI, P.E.

DESIGN QUALITY MANAGER _____, DATE 04/21/2020
DAVID DODSON, P.E.

THE LEAD ENGINEER AND DESIGN QUALITY MANAGER CERTIFY THAT THESE DOCUMENTS MEET THE FOLLOWING REQUIREMENTS IN ACCORDANCE WITH THE TECHNICAL PROVISIONS:

1. ALL PREVIOUS REVIEW COMMENTS AND NONCONFORMANCE REPORTS HAVE BEEN RESOLVED.
2. DESIGN IS IN ACCORDANCE WITH CONTRACT REQUIREMENTS AND CORRELATES WITH THE OVERALL DESIGN.
3. CHECKS HAVE BEEN DONE IN ACCORDANCE WITH THE APPROVED DQMP.
4. NO DESIGN EXCEPTIONS EXIST THAT HAVE NOT ALREADY BEEN APPROVED BY THE DEPARTMENT

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

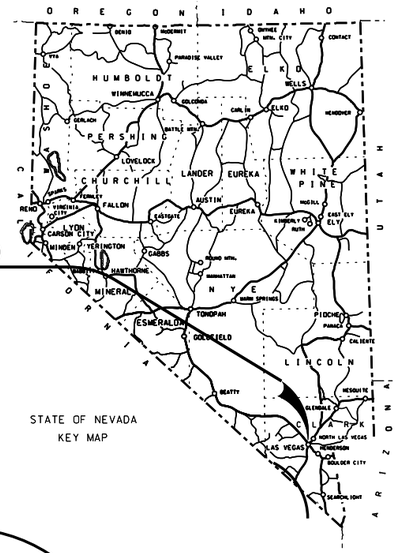
CONSTRUCTION PLANS

CLARK COUNTY
FROM THE CALIFORNIA/NEVADA STATE LINE TO 2.42 MILES EAST OF THE JUNCTION WITH ROUTE US 093

PROJECT NEON
DESIGN UNIT S2-01
I-15 (SOUTH OF SAHARA)

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1

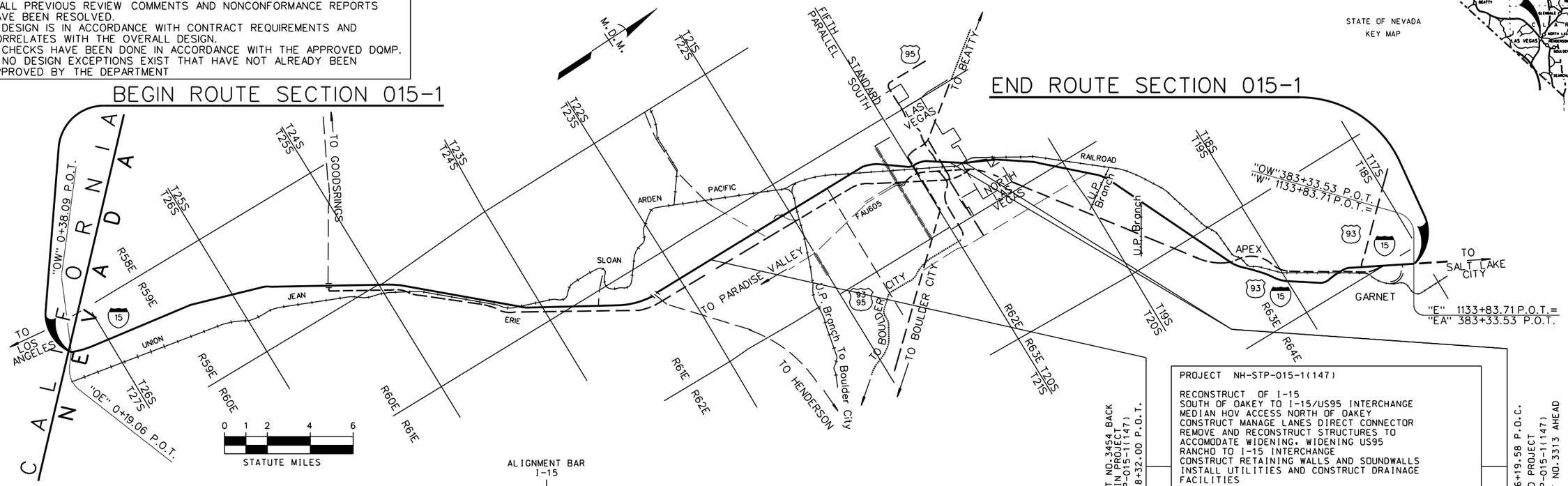
PROJECT NH-STP-015-1(147)
IR15-CL 31.29 TO CL 43.75
IR15-CL 39.51 TO CL 43.34



STATE OF NEVADA
KEY MAP

BEGIN ROUTE SECTION 015-1

END ROUTE SECTION 015-1



ALIGNMENT BAR
I-15

BEGIN PROJECT NH-STP-015-1(147)	
"Le" 248+32.00 P.O.T.	
BEGIN CONSTRUCTION	
"Le" 272+49.22 P.O.T.	
"Le" 674+42.17 P.O.T.	
"I-15S" 674+42.17 P.C.	
"I-15S" 705+19.76 P.O.C.=	
18.01' LT "MS" 705+44.66 P.O.B.	
"I-15S" 705+24.24 P.T.=	
17.99' RT "MN" 705+20.69 P.O.B.	
"MS" 770+34.26 P.O.C.	
H-933S	
"MS" 772+57.99 P.O.C.	
"MN" 771+54.40 P.O.C.	
H-933N	
"MN" 773+89.48 P.O.C.	
"MN" 785+45.02 P.O.C.	
H-3053	
"MN" 786+81.03 P.O.C.	
"MS" 799+55.31 P.O.C.	
I-934S	
"MS" 801+67.57 P.O.T.	
"MN" 800+19.52 P.O.T.	
I-934N	
"MN" 802+31.87 P.O.T.	
"MC" 826+74.66 P.O.B.=	
52.32' RT "MS" 826+74.74 P.O.C.	
42.87' LT "MN" 827+18.02 P.O.C.	
"MS" 826+45.91 P.O.C.	
H-935S	
"MS" 827+82.99 P.O.C.	
"MN" 827+13.99 P.O.C.	
H-935N	
"MN" 828+50.70 P.O.C.	
"MS" 841+02.22 P.O.C.=	
101.64' LT "ES1" 845+00.00 P.O.B.	
"MC" 843+25.75 P.O.C.	
H-3055	
"MC" 889+35.08 P.O.C.	
"MC" 845+52.33 P.O.C.=	
48.00' RT "NE" 845+47.26 P.O.B.	
"MS" 847+10.08 P.O.C.	
H-936S	
"MS" 848+17.00 P.O.C.	
"MN 847+63.93 P.O.C.	
H-936N	
"MN" 848+68.10 P.O.C.	
"MN" 859+39.55 P.O.E.=	
11.54' LT "L1" 859+27.47 P.O.C.	
"MS" 859+50.32 P.O.E.=	
12.97' RT "L1" 859+50.00 P.O.C.	
"L1" 859+62.25 P.O.C.	
I-937 N/S	
"L1" 861+85.74 P.O.C.	
"L1" 863+86.66 P.O.C.	
I-938 N/S	
"L1" 864+33.72 P.O.C.	
"L1" 870+23.93 P.O.C.	
G-941 N/S	
"L1" 871+30.04 P.O.C.	
"L1" 906+19.58 P.O.C.	
END CONSTRUCTION	
"L1" 906+19.58 P.O.C.	
END PROJECT NH-STP-015-1(147)	

CONTRACT NO.3454 BACK
BEGIN PROJECT
NH-STP-015-1(147)
"Le" 248+32.00 P.O.T.

"L1" 906+19.58 P.O.C.
END PROJECT
NH-STP-015-1(147)
CONTRACT NO.3313 AHEAD

PROJECT NH-STP-015-1(147)

RECONSTRUCT OF I-15
SOUTH OF OAKEY TO I-15/US95 INTERCHANGE
MEDIAN HOV ACCESS NORTH OF OAKEY
CONSTRUCT MANAGE LANES DIRECT CONNECTOR
REMOVE AND RECONSTRUCT STRUCTURES TO ACCOMODATE WIDENING, WIDENING US95
RANCHO TO I-15 INTERCHANGE
CONSTRUCT RETAINING WALLS AND SOUNDWALLS
INSTALL UTILITIES AND CONSTRUCT DRAINAGE FACILITIES

LENGTH OF BRIDGES	1.84	MILES
LENGTH OF PROJECT	12.46	MILES
LENGTH OF CONSTRUCTION	12.00	MILES
LENGTH OF ROUTE SECTION	66.73	MILES

TO BE CONTRACTED

APPROVED , 20

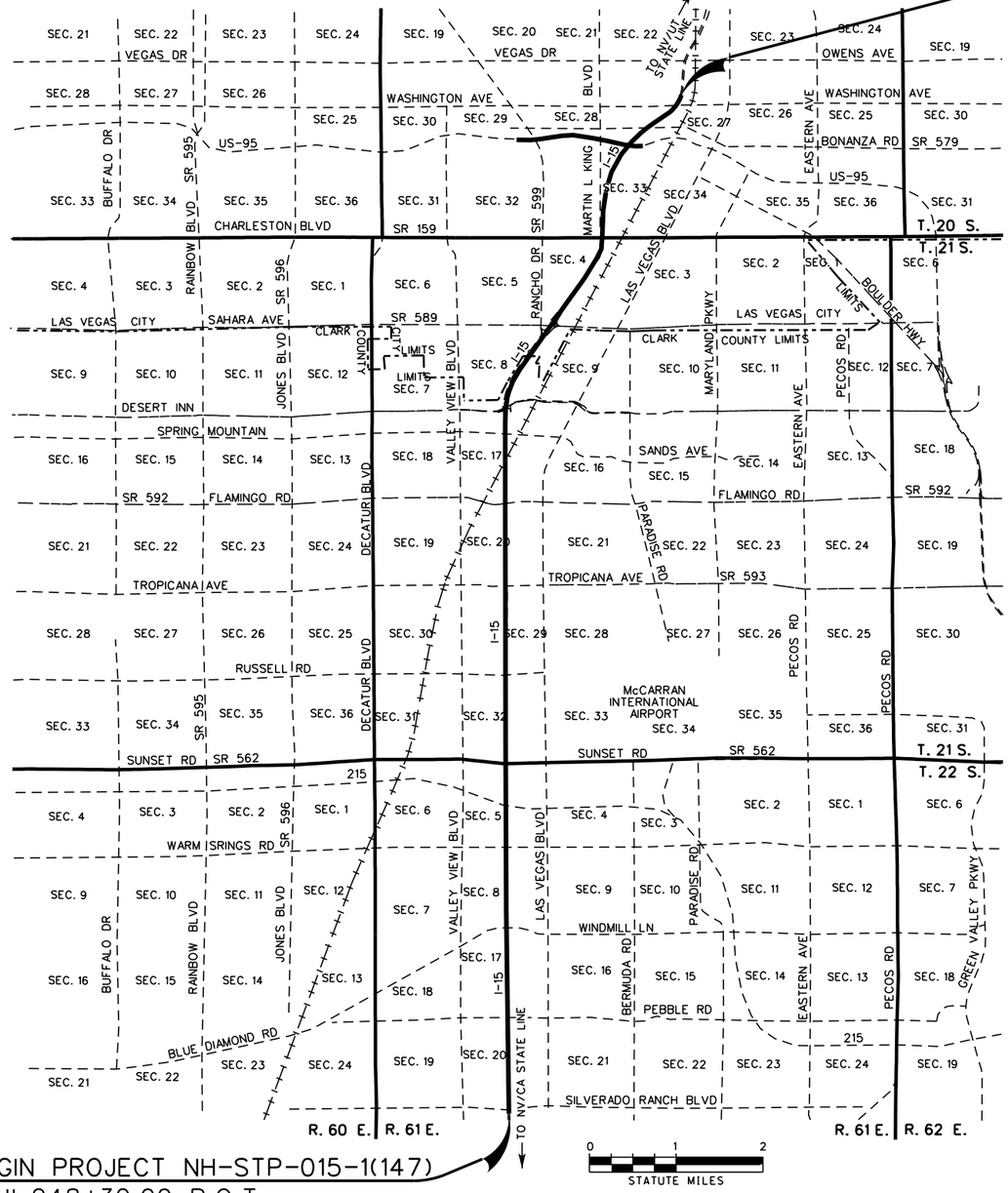
_____, DIRECTOR, DEPT. OF TRANSPORTATION
KRISTINA SWALLOW, P.E.

GOVERNOR STEVE SISOLAK
CHAIRMAN, TRANSPORTATION BOARD

4/21/2020
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pw:\\SUSD036343.wsatkins.com:ATKNANV01\Documents\Roods and Bridges\Projects\100047698 NEON FD\Engineering\010_RoadDesign\DGN\Sheets\Segment 2\73652-S2-01-ATK-sht0101

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1A

END PROJECT NH-STP-015-1(147)
"L1" 890+68.78 P.O.C.



BEGIN PROJECT NH-STP-015-1(147)
"Le" 248+32.00 P.O.T.

MILE POST TABULATION

STATION	MILEPOST	CUMULATIVE MILES COUNTY	DESCRIPTION
"Le" 248+32.00	IR015 - CL - 31.290	31.290	BEGIN PROJECT NH-STP-015-1(147)
"Le" 285+82.21	IR015 - CL - 32.000	32.000	MP 32
"Le" 338+62.21	IR015 - CL - 33.000	33.000	MP 33
"Le" 366+92.29	IR015 - CL - 33.540	33.540	ARDEN INTERCHANGE
"Le" 367+34.54	IR015 - CL - 33.544	33.544	TRAIL EDGE I-675
"Le" 391+42.21	IR015 - CL - 34.000	34.000	MP 34
"Le" 412+02.65	IR015 - CL - 34.390	34.390	WARM SPRINGS GRADE SEP
"Le" 412+18.52	IR015 - CL - 34.393	34.393	TRAIL EDGE H-788
"Le" 427+17.54	IR015 - CL - 34.677	34.677	SB TO EB RAMP UNDER I 15
"Le" 426+86.58	IR015 - CL - 34.690	34.690	I 15 / I 215
"Le" 428+23.54	IR015 - CL - 34.697	34.697	TRAIL EDGE I-1983 N/S
"Le" 428+38.21	IR015 - CL - 34.700	34.700	I 15 / RAMP I 15N TO I 215W
"Le" 428+95.64	IR015 - CL - 34.711	34.711	TRAIL EDGE I-1985 N/S
"Le" 429+12.34	IR015 - CL - 34.714	34.714	TRAIL EDGE I-1984 N/S
"Le" 444+22.21	IR015 - CL - 35.000	35.000	MP 35
"Le" 483+24.97	IR015 - CL - 35.740	35.740	BOULDER BRANCH UPRRUP
"Le" 483+38.53	IR015 - CL - 35.742	35.742	TRAIL EDGE G-790
"Le" 497+02.21	IR015 - CL - 36.000	36.000	MP 36
"Le" 517+62.19	IR015 - CL - 36.390	36.390	RUSSELL INTCH
"Le" 518+88.91	IR015 - CL - 36.414	36.414	TRAIL EDGE I-1940
"Le" 549+82.21	IR015 - CL - 37.000	37.000	MP 37
"Le" 570+95.26	IR015 - CL - 37.400	37.400	TROPICANA INTCH
"Le" 571+32.22	IR015 - CL - 37.407	37.407	TRAIL EDGE I-796
"Le" 602+62.21	IR015 - CL - 38.000	38.000	MP 38
"Le" 621+09.37	IR015 - CL - 38.350	38.350	FLAMINGO INTCH
"Le" 622+57.21	IR015 - CL - 38.378	38.378	TRAIL EDGE I-1745
"Le" 628+49.42	IR015 - CL - 38.490	38.490	I 15 RAMP TO SPRING MOUNTAIN O/FLAMINGO RAMP
"Le" 631+02.86	IR015 - CL - 38.538	38.538	TRAIL EDGE H-2015
"Le" 639+59.27	IR015 - CL - 38.700	38.700	INDUSTRIAL GRADE SEP
"Le" 639+59.27	IR015 - CL - 38.700	38.700	I 15 RAMP TO SPRING MOUNTAIN
"Le" 639+75.11	IR015 - CL - 38.703	38.703	TRAIL EDGE H-804 R
"Le" 640+36.29	IR015 - CL - 38.715	38.715	TRAIL EDGE H-804 N/S
"Le" 642+73.41	IR015 - CL - 38.760	38.760	INDUSTRIAL GRADE SEP
"Le" 642+73.41	IR015 - CL - 38.760	38.760	I 15 RAMP TO SPRING MOUNTAIN O/INDUSTRIAL
"Le" 643+79.01	IR015 - CL - 38.780	38.780	TRAIL EDGE H-1901 N/S
"Le" 643+79.01	IR015 - CL - 38.780	38.780	TRAIL EDGE H-1901 R
"Le" 647+52.24	IR015 - CL - 38.850	38.850	SOUTH LAS VEAGAS UPRROP
"Le" 647+52.24	IR015 - CL - 38.850	38.850	I 15 RAMP TO SPRING MOUNTAIN O/RR
"Le" 649+10.64	IR015 - CL - 38.880	38.880	TRAIL EDGE G-805 N/S
"Le" 655+37.61	IR015 - CL - 38.999	38.999	TRAIL EDGE G-805 R
"Le" 655+42.21	IR015 - CL - 39.000	39.000	MP 39
"Le" 663+86.83	IR015 - CL - 39.160	39.160	SPRING MOUNTAIN INTCH
"Le" 663+86.83	IR015 - CL - 39.160	39.160	I 15 RAMP TO SPRING MOUNTAIN O/I 15 & SPR MNT
"Le" 665+02.99	IR015 - CL - 39.182	39.182	TRAIL EDGE I-806 N/S
"Le" 671+52.01	IR015 - CL - 39.305	39.305	TRAIL EDGE I-806 R
"Le" 674+42.17	IR015 - CL - 39.360	39.360	STATION EQUATION "Le" 674+42.17 = "I-15S" 674+42.17
"I-15S" 674+42.17	IR015 - CL - 39.360	39.360	
"I-15S" 680+80.16	IR015 - CL - 39.481	39.481	TRAIL EDGE H-2011
"MN" 708+20.00	IR015 - CL - 40.000	40.000	MP 40
"MN" 734+44.94	IR015 - CL - 40.497	40.497	SAHARA INTG SR589 (EXIT 40)
"MN" 738+89.21	IR015 - CL - 40.581	40.581	TRAIL EDGE I-837
"MN" 761+02.00	IR015 - CL - 41.000	41.000	MP41
"MN" 770+86.46	IR015 - CL - 41.186	41.186	OAKEY GRADE SEP.
"MN" 773+89.48	IR015 - CL - 41.244	41.244	TRAIL EDGE H-933 N/S
"MN" 800+76.42	IR015 - CL - 41.752	41.752	CHARLESTON INTG - EXIT 41 - BLUE DIAMOND - RED ROCK CANYON
"MN" 802+31.87	IR015 - CL - 41.783	41.783	TRAIL EDGE I-934 N/S
"MN" 814+30.60	IR015 - CL - 42.000	42.000	MP42
"MN" 827+67.45	IR015 - CL - 42.261	42.261	ALTA-GASS GRADE SEP.
"MN" 828+50.70	IR015 - CL - 42.279	42.279	TRAIL EDGE H-935 N/S
"MN" 847+98.75	IR015 - CL - 42.646	42.646	UPRR
"MN" 848+68.10	IR015 - CL - 42.661	42.661	TRAIL EDGE H-936 N/S
"MN" 859+39.55	IR015 - CL - 42.865	42.865	STATION EQUATION "MN" 859+39.55 = (11.54 RT) "L1" 859+27.48
"L1" 859+27.48	IR015 - CL - 42.865	42.865	
"L1" 860+75.76	IR015 - CL - 42.880	42.880	LAS VGAS EXP INTG - EXIT 42A & 42B BEGIN SHARED ROADBED WITH US93
"L1" 860+80.14	IR015 - CL - 42.910	42.890	RAMP EAST SOUTH OVERPASS
"L1" 861+85.74	IR015 - CL - 42.890	42.910	TRAIL EDGE I-937
"L1" 863+91.48	IR015 - CL - 42.949	42.949	TRAIL EDGE I-939
"L1" 863+96.94	IR015 - CL - 42.950	42.950	RAMP SOUTH WEST OVERPASS
"L1" 864+33.72	IR015 - CL - 42.957	42.957	TRAIL EDGE I-938
"L1" 869+41.37	IR015 - CL - 43.055	43.000	MP43
"L1" 870+64.83	IR015 - CL - 43.078	43.078	UPRR
"L1" 871+30.04	IR015 - CL - 43.089	43.089	TRAIL EDGE G-941
"L1" 875+95.27	IR015 - CL - 43.178	43.178	BONANAZA GRADE SEP - SR579 - BONANZA RD
"L1" 877+69.43	IR015 - CL - 43.212	43.212	TRAIL EDGE H-942
"L1" 882+57.00	IR015 - CL - 43.304	43.304	F ST GRADE SEP.
"L1" 883+61.82	IR015 - CL - 43.324	43.324	TRAIL EDGE H-1339 N/S
"L1" 906+19.58	IR015 - CL - 43.750	43.750	END PROJECT NH-STP-015-1(147)

VERTICAL DATUM: ELEVATIONS ARE BASED UPON HOLDING PUBLISHED NDOT AND USC&GS CONTROL POINTS

BEARING SOURCE: STATE PLANE COORDINATES NAD 83 NEVADA EAST. ADJUSTED TO NDOT CONTROL POINTS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101A	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

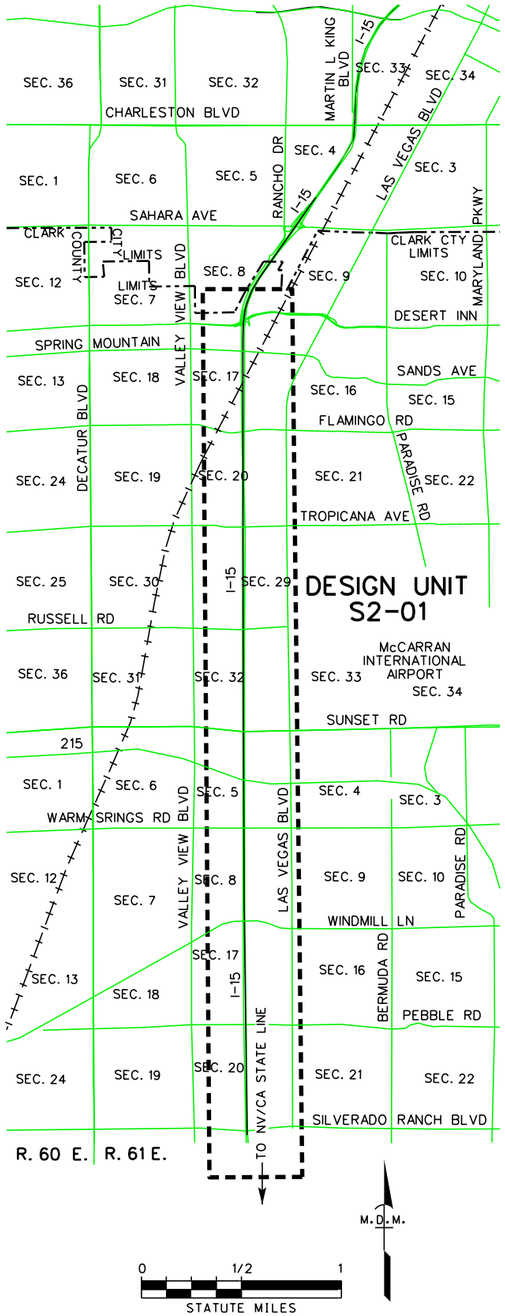
PROJECT LOCATION SKETCH

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

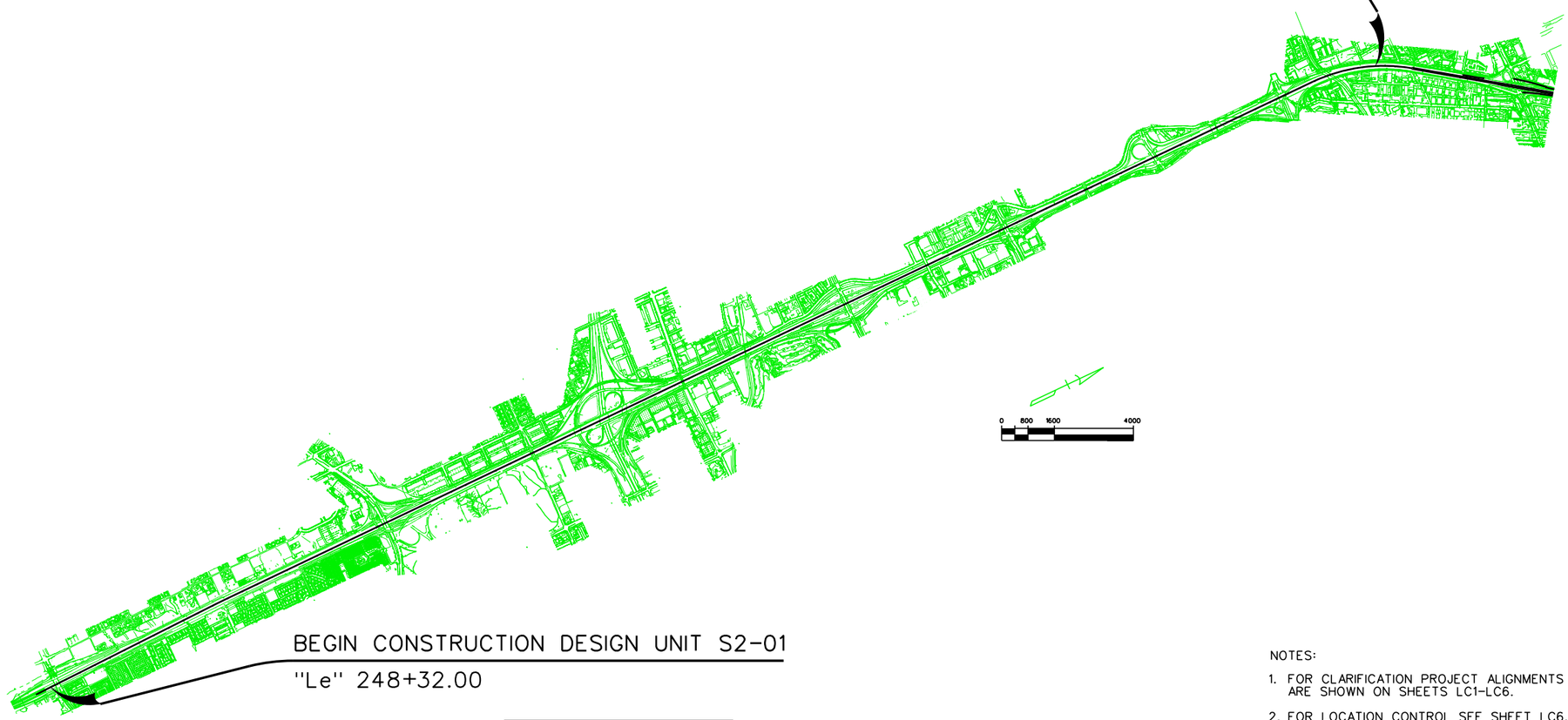
DESIGNED BY	JA
DRAWN BY	MV
CHECKED BY	TC
REVIEWED BY	EL

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1B



END CONSTRUCTION DESIGN UNIT S2-01
BEGIN CONSTRUCTION DESIGN UNIT S1-03
"I-15S" 694+00.00



BEGIN CONSTRUCTION DESIGN UNIT S2-01
"Le" 248+32.00

NOTES:

1. FOR CLARIFICATION PROJECT ALIGNMENTS ARE SHOWN ON SHEETS LC1-LC6.
2. FOR LOCATION CONTROL SEE SHEET LC6.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101B	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SEGMENT LOCATION SKETCH

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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CHECKED BY TC
REVIEWED BY EL

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1C

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
	1	2/10/17	S2-01	1	TITLE SHEET
	1	2/10/17	S2-01	1A	PROJECT LOCATION SKETCH
	1	2/10/17	S2-01	1B	SEGMENT LOCATION SKETCH
	1	2/10/17	S2-01	1C	INDEX OF SHEETS 1 OF 4
	1	2/10/17	S2-01	1D	INDEX OF SHEETS 2 OF 4
	1	2/10/17	S2-01	1E	INDEX OF SHEETS 3 OF 4
	1	2/10/17	S2-01	1F	INDEX OF SHEETS 4 OF 4
	1	2/10/17	S2-01	2	TYPICAL SECTIONS I-15
	1	2/10/17	S2-01	2A	TYPICAL SECTIONS I-15
	1	2/10/17	S2-01	3	GENERAL NOTES AND ABBREVIATIONS
	1	2/10/17	S2-01	3A	GENERAL NOTES AND ABBREVIATIONS (DRAINAGE)
	1	2/10/17	S2-01	4	ROADWAY PLAN "Le" 248+32 TO "Le" 260+00
	1	2/10/17	S2-01	5	ROADWAY PLAN "Le" 260+00 TO "Le" 275+00
	1	2/10/17	S2-01	6	ROADWAY PLAN "Le" 275+00 TO "Le" 290+00
	1	2/10/17	S2-01	7	ROADWAY PLAN "Le" 290+00 TO "Le" 305+00
	1	2/10/17	S2-01	8	ROADWAY PLAN "Le" 305+00 TO "Le" 319+50
	1	2/10/17	S2-01	9	ROADWAY PLAN "Le" 319+50 TO "Le" 334+00
	1	2/10/17	S2-01	10	ROADWAY PLAN "Le" 334+00 TO "Le" 349+00
	1	2/10/17	S2-01	11	ROADWAY PLAN "Le" 349+00 TO "Le" 364+00
	1	2/10/17	S2-01	12	ROADWAY PLAN "Le" 364+00 TO "Le" 379+00
	1	2/10/17	S2-01	13	ROADWAY PLAN "Le" 379+00 TO "Le" 394+00
	1	2/10/17	S2-01	14	ROADWAY PLAN "Le" 394+00 TO "Le" 409+00
	1	2/10/17	S2-01	15	ROADWAY PLAN "Le" 409+00 TO "Le" 424+00
	1	2/10/17	S2-01	16	ROADWAY PLAN "Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	17	ROADWAY PLAN "Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	18	ROADWAY PLAN "Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	19	ROADWAY PLAN "Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	20	ROADWAY PLAN "Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	21	ROADWAY PLAN "Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	22	ROADWAY PLAN "Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	23	ROADWAY PLAN "Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	24	ROADWAY PLAN "Le" 544+00 TO "Le" 561+00
	1	2/10/17	S2-01	25	ROADWAY PLAN "Le" 561+00 TO "Le" 574+00
	1	2/10/17	S2-01	26	ROADWAY PLAN "Le" 574+00 TO "Le" 589+00
	1	2/10/17	S2-01	27	ROADWAY PLAN "Le" 589+00 TO "Le" 604+00
	1	2/10/17	S2-01	28	ROADWAY PLAN "Le" 604+00 TO "Le" 618+75
	1	2/10/17	S2-01	29	ROADWAY PLAN "Le" 618+75 TO "Le" 634+00
	1	2/10/17	S2-01	30	ROADWAY PLAN "Le" 634+00 TO "Le" 649+00
	1	2/10/17	S2-01	31	ROADWAY PLAN "Le" 649+00 TO "Le" 664+00
	1	2/10/17	S2-01	32	ROADWAY PLAN "Le" 664+00 TO "I-15S" 679+00
	1	2/10/17	S2-01	33	ROADWAY PLAN "I-15S" 679+00 TO "I-15S" 694+00
	1	2/10/17	S2-01	LC1	SURVEY CONTROL PLAN 1 OF 5
	1	2/10/17	S2-01	LC2	SURVEY CONTROL PLAN 2 OF 5
	1	2/10/17	S2-01	LC3	SURVEY CONTROL PLAN 3 OF 5
	1	2/10/17	S2-01	LC4	SURVEY CONTROL PLAN 4 OF 5
	1	2/10/17	S2-01	LC5	SURVEY CONTROL PLAN 5 OF 5
	1	2/10/17	S2-01	SD1	SPECIAL DETAILS MISC DETAILS
	1	2/10/17	S2-01	SD2	SPECIAL DETAILS CONCRETE REPLACEMENT
	1	2/10/17	S2-01	SD3	SPECIAL DETAILS MEDIAN FLARE DETAILS
	1	2/10/17	S2-01	SD4	SPECIAL DETAILS MEDIAN FLARE DETAILS
	1	2/10/17	S2-01	SD5	SPECIAL DETAILS BARRIER FLARE TRANSITION
	1	2/10/17	S2-01	SD6	SPECIAL DETAILS BARRIER FLARE TRANSITION
	1	2/10/17	S2-01	SD7	SPECIAL DETAILS TREE PROTECTION
	1	2/10/17	S2-01	SD8	SPECIAL DETAILS BARRIER PLATE DETAIL 1
	1	2/10/17	S2-01	SD9	SPECIAL DETAILS BARRIER PLATE DETAIL 2
	0	2/10/17	S2-01	SD10	SPECIAL DETAILS BARRIER PLATE DETAIL 2
	0	2/10/17	S2-01	SD11	INTEGRAL BARRIER LIGHT POLE SUPPORT
	1	2/10/17	S2-01	SP1	SITE PREPARATION REMOVAL DETAILS "Le" 248+32 TO "Le" 260+00
	1	2/10/17	S2-01	SP2	SITE PREPARATION REMOVAL DETAILS "Le" 260+00 TO "Le" 275+00
	1	2/10/17	S2-01	SP3	SITE PREPARATION REMOVAL DETAILS "Le" 275+00 TO "Le" 290+00
	1	2/10/17	S2-01	SP4	SITE PREPARATION REMOVAL DETAILS "Le" 290+00 TO "Le" 305+00
	1	2/10/17	S2-01	SP5	SITE PREPARATION REMOVAL DETAILS "Le" 305+00 TO "Le" 319+50
	1	2/10/17	S2-01	SP6	SITE PREPARATION REMOVAL DETAILS "Le" 319+50 TO "Le" 334+00
	1	2/10/17	S2-01	SP7	SITE PREPARATION REMOVAL DETAILS "Le" 334+00 TO "Le" 349+00
	1	2/10/17	S2-01	SP8	SITE PREPARATION REMOVAL DETAILS "Le" 349+00 TO "Le" 364+00
	1	2/10/17	S2-01	SP9	SITE PREPARATION REMOVAL DETAILS "Le" 364+00 TO "Le" 379+00
	1	2/10/17	S2-01	SP10	SITE PREPARATION REMOVAL DETAILS "Le" 379+00 TO "Le" 394+00
	1	2/10/17	S2-01	SP11	SITE PREPARATION REMOVAL DETAILS "Le" 394+00 TO "Le" 409+00
	1	2/10/17	S2-01	SP12	SITE PREPARATION REMOVAL DETAILS "Le" 409+00 TO "Le" 424+00
	1	2/10/17	S2-01	SP13	SITE PREPARATION REMOVAL DETAILS "Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	SP14	SITE PREPARATION REMOVAL DETAILS "Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	SP15	SITE PREPARATION REMOVAL DETAILS "Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	SP16	SITE PREPARATION REMOVAL DETAILS "Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	SP17	SITE PREPARATION REMOVAL DETAILS "Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	SP18	SITE PREPARATION REMOVAL DETAILS "Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	SP19	SITE PREPARATION REMOVAL DETAILS "Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	SP20	SITE PREPARATION REMOVAL DETAILS "Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	SP21	SITE PREPARATION REMOVAL DETAILS "Le" 544+00 TO "Le" 559+00
	1	2/10/17	S2-01	SP22	SITE PREPARATION REMOVAL DETAILS "Le" 559+00 TO "Le" 574+00
	1	2/10/17	S2-01	SP23	SITE PREPARATION REMOVAL DETAILS "Le" 574+00 TO "Le" 589+00
	1	2/10/17	S2-01	SP24	SITE PREPARATION REMOVAL DETAILS "Le" 589+00 TO "Le" 604+00
	1	2/10/17	S2-01	SP25	SITE PREPARATION REMOVAL DETAILS "Le" 604+00 TO "Le" 619+00
	1	2/10/17	S2-01	SP26	SITE PREPARATION REMOVAL DETAILS "Le" 619+00 TO "Le" 634+00
	1	2/10/17	S2-01	SP27	SITE PREPARATION REMOVAL DETAILS "Le" 634+00 TO "Le" 649+00
	1	2/10/17	S2-01	SP28	SITE PREPARATION REMOVAL DETAILS "Le" 649+00 TO "Le" 664+00
	1	2/10/17	S2-01	SP29	SITE PREPARATION REMOVAL DETAILS "Le" 664+00 TO "I-15S" 679+00
	1	2/10/17	S2-01	SP30	SITE PREPARATION REMOVAL DETAILS "I-15S" 679+00 TO "I-15S" 694+00
	1	2/10/17	S2-01	D0A	DRAINAGE PLAN KEY MAP
	1	2/10/17	S2-01	D0B	DRAINAGE PLAN KEY MAP
	1	2/10/17	S2-01	D4	DRAINAGE PLAN "Le" 248+32 TO "Le" 260+00
	1	2/10/17	S2-01	D5	DRAINAGE PLAN "Le" 260+00 TO "Le" 275+00
	1	2/10/17	S2-01	D6	DRAINAGE PLAN "Le" 275+00 TO "Le" 290+00
	1	2/10/17	S2-01	D7	DRAINAGE PLAN "Le" 290+00 TO "Le" 305+00
	1	2/10/17	S2-01	D8	DRAINAGE PLAN "Le" 305+00 TO "Le" 319+50
	1	2/10/17	S2-01	D9	DRAINAGE PLAN "Le" 319+50 TO "Le" 334+00
	1	2/10/17	S2-01	D10	DRAINAGE PLAN "Le" 334+00 TO "Le" 349+00
	1	2/10/17	S2-01	D11	DRAINAGE PLAN "Le" 349+00 TO "Le" 364+00
	1	2/10/17	S2-01	D12	DRAINAGE PLAN "Le" 364+00 TO "Le" 379+00
	1	2/10/17	S2-01	D13	DRAINAGE PLAN "Le" 379+00 TO "Le" 394+00
	1	2/10/17	S2-01	D14	DRAINAGE PLAN "Le" 394+00 TO "Le" 409+00
	1	2/10/17	S2-01	D15	DRAINAGE PLAN "Le" 409+00 TO "Le" 424+00
	1	2/10/17	S2-01	D16	DRAINAGE PLAN "Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	D17	DRAINAGE PLAN "Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	D18	DRAINAGE PLAN "Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	D19	DRAINAGE PLAN "Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	D20	DRAINAGE PLAN "Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	D21	DRAINAGE PLAN "Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	D22	DRAINAGE PLAN "Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	D23	DRAINAGE PLAN "Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	D24	DRAINAGE PLAN "Le" 544+00 TO "Le" 561+00
	1	2/10/17	S2-01	D25	DRAINAGE PLAN "Le" 561+00 TO "Le" 574+00
	1	2/10/17	S2-01	D26	DRAINAGE PLAN "Le" 574+00 TO "Le" 589+00
	1	2/10/17	S2-01	D27	DRAINAGE PLAN "Le" 589+00 TO "Le" 604+00
	1	2/10/17	S2-01	D28	DRAINAGE PLAN "Le" 604+00 TO "Le" 619+00
	1	2/10/17	S2-01	D29	DRAINAGE PLAN "Le" 619+00 TO "Le" 634+00
	1	2/10/17	S2-01	D30	DRAINAGE PLAN "Le" 634+00 TO "Le" 649+00
	1	2/10/17	S2-01	D31	DRAINAGE PLAN "Le" 649+00 TO "Le" 664+00
	1	2/10/17	S2-01	D32	DRAINAGE PLAN "Le" 664+00 TO "I-15S" 679+00
	1	2/10/17	S2-01	D33	DRAINAGE PLAN "I-15S" 679+00 TO "I-15S" 694+00
	1	2/10/17	S2-01	DP1	DRAINAGE PROFILES
	1	2/10/17	S2-01	DP2	DRAINAGE PROFILES
	1	2/10/17	S2-01	DD1	DRAINAGE DETAILS BARRIER RAIL SCUPPERS
	1	2/10/17	S2-01	DD2	DRAINAGE DETAILS GRAVEL MULCH PAD
	1	2/10/17	S2-01	DD3	DRAINAGE DETAILS CONNECT TO EXISTING MANHOLE, DROP INLET OR PIPE
	1	2/10/17	S2-01	DD4	DRAINAGE DETAILS EMBANKMENT PROTECTOR
	1	2/10/17	S2-01	DD5	DRAINAGE DETAILS 12" CMP ENCASEMENT
	1	2/10/17	S2-01	DD6	DRAINAGE DETAILS PIPE OUTLET EXCAVATION

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101C	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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1 OF 4

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1D

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
	1	2/10/17	S2-01	ST1	PERMANENT STRIPING PLAN "Le" BEGIN TO "Le" 260+00
	1	2/10/17	S2-01	ST2	PERMANENT STRIPING PLAN "Le" 260+00 TO "Le" 275+00
	1	2/10/17	S2-01	ST3	PERMANENT STRIPING PLAN "Le" 275+00 TO "Le" 290+00
	1	2/10/17	S2-01	ST4	PERMANENT STRIPING PLAN "Le" 290+00 TO "Le" 305+00
	1	2/10/17	S2-01	ST5	PERMANENT STRIPING PLAN "Le" 305+00 TO "Le" 319+50
	1	2/10/17	S2-01	ST6	PERMANENT STRIPING PLAN "Le" 319+50 TO "Le" 334+00
	1	2/10/17	S2-01	ST7	PERMANENT STRIPING PLAN "Le" 334+00 TO "Le" 349+00
	1	2/10/17	S2-01	ST8	PERMANENT STRIPING PLAN "Le" 349+00 TO "Le" 364+00
	1	2/10/17	S2-01	ST9	PERMANENT STRIPING PLAN "Le" 364+00 TO "Le" 379+00
	1	2/10/17	S2-01	ST10	PERMANENT STRIPING PLAN "Le" 379+00 TO "Le" 394+00
	1	2/10/17	S2-01	ST11	PERMANENT STRIPING PLAN "Le" 394+00 TO "Le" 409+00
	1	2/10/17	S2-01	ST12	PERMANENT STRIPING PLAN "Le" 409+00 TO "Le" 424+00
	1	2/10/17	S2-01	ST13	PERMANENT STRIPING PLAN "Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	ST14	PERMANENT STRIPING PLAN "Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	ST15	PERMANENT STRIPING PLAN "Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	ST16	PERMANENT STRIPING PLAN "Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	ST17	PERMANENT STRIPING PLAN "Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	ST18	PERMANENT STRIPING PLAN "Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	ST19	PERMANENT STRIPING PLAN "Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	ST20	PERMANENT STRIPING PLAN "Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	ST21	PERMANENT STRIPING PLAN "Le" 544+00 TO "Le" 561+00
	1	2/10/17	S2-01	ST22	PERMANENT STRIPING PLAN "Le" 561+00 TO "Le" 574+00
	1	2/10/17	S2-01	ST23	PERMANENT STRIPING PLAN "Le" 574+00 TO "Le" 589+00
	1	2/10/17	S2-01	ST24	PERMANENT STRIPING PLAN "Le" 589+00 TO "Le" 604+00
	1	2/10/17	S2-01	ST25	PERMANENT STRIPING PLAN "Le" 604+00 TO "Le" 618+75
	1	2/10/17	S2-01	ST26	PERMANENT STRIPING PLAN "Le" 618+75 TO "Le" 634+00
	1	2/10/17	S2-01	ST27	PERMANENT STRIPING PLAN "Le" 634+00 TO "Le" 649+00
	1	2/10/17	S2-01	ST28	PERMANENT STRIPING PLAN "Le" 649+00 TO "Le" 664+00
	1	2/10/17	S2-01	ST29	PERMANENT STRIPING PLAN "Le" 664+00 TO "I-15S" 679+00
	1	2/10/17	S2-01	ST30	PERMANENT STRIPING PLAN "I-15S" 679+00 TO "I-15S" 694+00
	1	2/10/17	S2-01	ST31	LIMITED ACCESS HOV STRIPING DETAIL
		2/10/17	S2-01	TC	SEE S2-02 FOR MOT PLANS
	1	2/10/17	S2-01	LT0	LEGEND AND GENERAL NOTES
	1	2/10/17	S2-01	LT1	"LE" 248+32 TO "Le" 260+00
	1	2/10/17	S2-01	LT2	"Le" 260+00 TO "Le" 275+00
	1	2/10/17	S2-01	LT3	"Le" 290+00 TO "Le" 290+00
	1	2/10/17	S2-01	LT4	"Le" 290+00 TO "Le" 305+00
	1	2/10/17	S2-01	LT5	"Le" 305+00 TO "Le" 319+50
	1	2/10/17	S2-01	LT6	"Le" 319+50 TO "Le" 334+00
	1	2/10/17	S2-01	LT7	"Le" 334+00 TO "Le" 349+00
	1	2/10/17	S2-01	LT8	"Le" 349+00 TO "Le" 364+00
	1	2/10/17	S2-01	LT9	"Le" 364+00 TO "Le" 379+00
	1	2/10/17	S2-01	LT10	"Le" 379+00 TO "Le" 394+00
	1	2/10/17	S2-01	LT11	"Le" 394+00 TO "Le" 409+00
	1	2/10/17	S2-01	LT12	"Le" 409+00 TO "Le" 424+00

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
	1	2/10/17	S2-01	LT13	"Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	LT14	"Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	LT15	"Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	LT16	"Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	LT17	"Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	LT18	"Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	LT19	"Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	LT20	"Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	LT21	"Le" 544+00 TO "Le" 561+00
	1	2/10/17	S2-01	LT22	"Le" 561+00 TO "Le" 574+00
	1	2/10/17	S2-01	LT23	"Le" 574+00 TO "Le" 589+00
	1	2/10/17	S2-01	LT24	"Le" 589+00 TO "Le" 604+00
	1	2/10/17	S2-01	LT25	"Le" 604+00 TO "Le" 619+00
	1	2/10/17	S2-01	LT26	"Le" 619+00 TO "Le" 634+00
	1	2/10/17	S2-01	LT27	"Le" 634+00 TO "Le" 649+00
	1	2/10/17	S2-01	LT28	"Le" 649+00 TO "Le" 664+00
	1	2/10/17	S2-01	LT29	"Le" 664+00 TO "I-15S" 679+00
	1	2/10/17	S2-01	LT30	"I-15S" 679+00 TO "I-15S" 694+00
	1	2/10/17	S2-01	LT31	LIGHTING PANEL SCHEDULES
	1	2/10/17	S2-01	LT32	LIGHTING PANEL SCHEDULES
	1	2/10/17	S2-01	LT33	LIGHTING PANEL SCHEDULES
	1	2/10/17	S2-01	LT34	LIGHTING PANEL SCHEDULES
	1	2/10/17	S2-01	LT35	LIGHTING SERVICE PEDESTAL SCHEDULE
	1	2/10/17	S2-01	LT36	LIGHTING SERVICE PEDESTAL SCHEDULE
	1	2/10/17	S2-01	LT37	LIGHTING SERVICE PEDESTAL SCHEDULE
	1	2/10/17	S2-01	LT38	LIGHTING SERVICE PEDESTAL SCHEDULE
	1	2/10/17	S2-01	LT39	LIGHTING SERVICE PEDESTAL SCHEDULE
	1	2/10/17	S2-01	LT40	LIGHTING LUMINARE SCHEDULE
	1	2/10/17	S2-01	LT41	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT42	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT43	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT44	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT45	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT46	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT47	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT48	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT49	LIGHTING CONDUIT SCHEDULE
	1	2/10/17	S2-01	LT50	DEVICE SCHEDULES
	1	2/10/17	S2-01	LT51	LIGHTING PULL BOX SCHEDULE
	1	2/10/17	S2-01	LT52	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT53	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT54	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT55	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT56	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT57	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT58	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT59	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT60	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT61	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT62	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT63	ONELINE DIAGRAMS
	1	2/10/17	S2-01	LT64	DETAILS
	1	2/10/17	S2-01	ITS1	ITS PLAN "Le" 409+00 TO "Le" 424+00
	1	2/10/17	S2-01	ITS2	ITS PLAN "Le" 424+00 TO "Le" 439+00
	1	2/10/17	S2-01	ITS3	ITS PLAN "Le" 439+00 TO "Le" 454+00
	1	2/10/17	S2-01	ITS4	ITS PLAN "Le" 454+00 TO "Le" 469+00
	1	2/10/17	S2-01	ITS5	ITS PLAN "Le" 469+00 TO "Le" 484+00
	1	2/10/17	S2-01	ITS6	ITS PLAN "Le" 484+00 TO "Le" 499+00
	1	2/10/17	S2-01	ITS7	ITS PLAN "Le" 499+00 TO "Le" 514+00
	1	2/10/17	S2-01	ITS8	ITS PLAN "Le" 514+00 TO "Le" 529+00
	1	2/10/17	S2-01	ITS9	ITS PLAN "Le" 529+00 TO "Le" 544+00
	1	2/10/17	S2-01	ITS10	ITS PLAN "Le" 544+00 TO "Le" 561+00

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101D	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
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2 OF 4

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1E

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
X	1	2/10/17	S2-01	ITS11	ITS PLAN "Le" 561+00 TO "Le" 574+00
X	1	2/10/17	S2-01	ITS12	ITS PLAN "Le" 574+00 TO "Le" 589+00
X	1	2/10/17	S2-01	ITS13	ITS PLAN "Le" 589+00 TO "Le" 604+00
X	1	2/10/17	S2-01	ITS14	ITS PLAN "Le" 604+00 TO "Le" 619+00
X	1	2/10/17	S2-01	ITS15	ITS PLAN "Le" 619+00 TO "Le" 634+00
X	1	2/10/17	S2-01	ITS16	ITS PLAN "Le" 634+00 TO "Le" 649+00
X	1	2/10/17	S2-01	ITS17	ITS PLAN "Le" 649+00 TO "Le" 664+00
X	1	2/10/17	S2-01	ITS18	ITS PLAN "Le" 664+00 TO "I-15S" 679+00
X	1	2/10/17	S2-01	ITS19	ITS PLAN "I-15S" 679+00 TO "I-15S" 694+00
X	1	2/10/17	S2-01	ITS20	ITS GENERAL NOTES, LEGEND, & ABBREVIATIONS
X	1	2/10/17	S2-01	ITS21	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS22	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS23	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS24	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS25	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS26	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS27	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS28	CONDUIT & CABLE SCHEDULE
X	1	2/10/17	S2-01	ITS29	PULL BOX SCHEDULE
X	1	2/10/17	S2-01	ITS30	PULL BOX SCHEDULE
X	1	2/10/17	S2-01	ITS31	ITS STRUCTURE SCHEDULE
X	1	2/10/17	S2-01	ITS32	ITS DEVICE SCHEDULES
X	1	2/10/17	S2-01	ITS33	ITS DEVICE SCHEDULES
X	1	2/10/17	S2-01	ITS34	ITS DEVICE SCHEDULES
X	1	2/10/17	S2-01	ITS35	NETWORK DIAGRAM I-15
X	1	2/10/17	S2-01	ITS36	NETWORK DIAGRAM I-15
X	1	2/10/17	S2-01	ITS37	FIBER OPTIC CABLE SPLICE DIAGRAMS
X	1	2/10/17	S2-01	ITS38	FIBER OPTIC CABLE SPLICE DIAGRAMS
X	1	2/10/17	S2-01	ITS39	CONDUIT INSTALLATION DETAIL
X	1	2/10/17	S2-01	ITS40	PULL BOX INSTALLATION (BELOW-GRADE) DETAILS
X	1	2/10/17	S2-01	ITS41	CABLE VAULT LOCK DETAILS
X	1	2/10/17	S2-01	ITS42	TYPE 7 POLE DETAIL
X	1	2/10/17	S2-01	ITS43	30'ITS POLE DETAIL 1 OF 3
X	1	2/10/17	S2-01	ITS44	30'ITS POLE DETAIL 2 OF 3
X	1	2/10/17	S2-01	ITS45	30'ITS POLE DETAIL 3 OF 3
X	1	2/10/17	S2-01	ITS46	CONTROLLER CABINET DETAILS
X	1	2/10/17	S2-01	ITS47	GANTRY STRUCTURE DETAILS "Le" 422+00
X	1	2/10/17	S2-01	ITS48	GANTRY STRUCTURE DETAILS "Le" 422+15
X	1	2/10/17	S2-01	ITS49	GANTRY STRUCTURE DETAILS "Le" 446+10
X	1	2/10/17	S2-01	ITS50	GANTRY STRUCTURE DETAILS "Le" 453+22
X	1	2/10/17	S2-01	ITS51	GANTRY STRUCTURE DETAILS "Le" 472+30
X	1	2/10/17	S2-01	ITS52	GANTRY STRUCTURE DETAILS "Le" 482+85
X	1	2/10/17	S2-01	ITS53	GANTRY STRUCTURE DETAILS "Le" 491+30
X	1	2/10/17	S2-01	ITS54	GANTRY STRUCTURE DETAILS "Le" 508+85
X	1	2/10/17	S2-01	ITS55	GANTRY STRUCTURE DETAILS "Le" 509+00
X	1	2/10/17	S2-01	ITS56	GANTRY STRUCTURE DETAILS "Le" 534+95
X	1	2/10/17	S2-01	ITS57	GANTRY STRUCTURE DETAILS "Le" 535+25
X	1	2/10/17	S2-01	ITS58	GANTRY STRUCTURE DETAILS "Le" 558+92
X	1	2/10/17	S2-01	ITS59	GANTRY STRUCTURE DETAILS "Le" 559+07
X	1	2/10/17	S2-01	ITS60	GANTRY STRUCTURE DETAILS "Le" 579+00
X	1	2/10/17	S2-01	ITS61	GANTRY STRUCTURE DETAILS "Le" 582+95
X	1	2/10/17	S2-01	ITS62	GANTRY STRUCTURE DETAILS "Le" 611+00
X	1	2/10/17	S2-01	ITS63	GANTRY STRUCTURE DETAILS "Le" 613+50
X	1	2/10/17	S2-01	ITS64	GANTRY STRUCTURE DETAILS "Le" 630+25
X	1	2/10/17	S2-01	ITS65	GANTRY STRUCTURE DETAILS "Le" 650+72
X	1	2/10/17	S2-01	ITS66	GANTRY STRUCTURE DETAILS "Le" 667+75
X	1	2/10/17	S2-01	TS1	SIGN REMOVAL PLAN "Le" 245+00 TO "Le" 260+00
X	1	2/10/17	S2-01	TS2	SIGN REMOVAL PLAN "Le" 260+00 TO "Le" 275+00
X	1	2/10/17	S2-01	TS3	SIGN REMOVAL PLAN "Le" 275+00 TO "Le" 290+00
X	1	2/10/17	S2-01	TS4	SIGN REMOVAL PLAN "Le" 290+00 TO "Le" 305+00
X	1	2/10/17	S2-01	TS5	SIGN REMOVAL PLAN "Le" 305+00 TO "Le" 319+50
X	1	2/10/17	S2-01	TS6	SIGN REMOVAL PLAN "Le" 319+50 TO "Le" 334+00
X	1	2/10/17	S2-01	TS7	SIGN REMOVAL PLAN "Le" 334+00 TO "Le" 349+00

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
X	1	2/10/17	S2-01	TS8	SIGN REMOVAL PLAN "Le" 349+00 TO "Le" 364+00
X	1	2/10/17	S2-01	TS9	SIGN REMOVAL PLAN "Le" 364+00 TO "Le" 379+00
X	1	2/10/17	S2-01	TS10	SIGN REMOVAL PLAN "Le" 379+00 TO "Le" 394+00
X	1	2/10/17	S2-01	TS11	SIGN REMOVAL PLAN "Le" 394+00 TO "Le" 409+00
X	1	2/10/17	S2-01	TS12	SIGN REMOVAL PLAN "Le" 409+00 TO "Le" 424+00
X	1	2/10/17	S2-01	TS13	SIGN REMOVAL PLAN "Le" 424+00 TO "Le" 439+00
X	1	2/10/17	S2-01	TS14	SIGN REMOVAL PLAN "Le" 439+00 TO "Le" 454+00
X	1	2/10/17	S2-01	TS15	SIGN REMOVAL PLAN "Le" 454+00 TO "Le" 469+00
X	1	2/10/17	S2-01	TS16	SIGN REMOVAL PLAN "Le" 469+00 TO "Le" 484+00
X	1	2/10/17	S2-01	TS17	SIGN REMOVAL PLAN "Le" 484+00 TO "Le" 499+00
X	1	2/10/17	S2-01	TS18	SIGN REMOVAL PLAN "Le" 499+00 TO "Le" 514+00
X	1	2/10/17	S2-01	TS19	SIGN REMOVAL PLAN "Le" 514+00 TO "Le" 529+00
X	1	2/10/17	S2-01	TS20	SIGN REMOVAL PLAN "Le" 529+00 TO "Le" 544+00
X	1	2/10/17	S2-01	TS21	SIGN REMOVAL PLAN "Le" 544+00 TO "Le" 561+00
X	1	2/10/17	S2-01	TS22	SIGN REMOVAL PLAN "Le" 561+00 TO "Le" 574+00
X	1	2/10/17	S2-01	TS23	SIGN REMOVAL PLAN "Le" 574+00 TO "Le" 589+00
X	1	2/10/17	S2-01	TS24	SIGN REMOVAL PLAN "Le" 589+00 TO "Le" 604+00
X	1	2/10/17	S2-01	TS25	SIGN REMOVAL PLAN "Le" 604+00 TO "Le" 618+75
X	1	2/10/17	S2-01	TS26	SIGN REMOVAL PLAN "Le" 618+75 TO "Le" 634+00
X	1	2/10/17	S2-01	TS27	SIGN REMOVAL PLAN "Le" 634+00 TO "Le" 649+00
X	1	2/10/17	S2-01	TS28	SIGN REMOVAL PLAN "Le" 649+00 TO "Le" 664+00
X	1	2/10/17	S2-01	TS29	SIGN REMOVAL PLAN "Le" 664+00 TO "I-15S" 679+00
X	1	2/10/17	S2-01	TS30	SIGN REMOVAL PLAN "I-15S" 679+00 TO "I-15S" 694+00
X	1	2/10/17	S2-01	TS31	SIGNING PLAN "Le" 245+00 TO "Le" 260+00
X	1	2/10/17	S2-01	TS32	SIGNING PLAN "Le" 260+00 TO "Le" 275+00
X	1	2/10/17	S2-01	TS33	SIGNING PLAN "Le" 275+00 TO "Le" 290+00
X	1	2/10/17	S2-01	TS34	SIGNING PLAN "Le" 290+00 TO "Le" 305+00
X	1	2/10/17	S2-01	TS35	SIGNING PLAN "Le" 305+00 TO "Le" 319+50
X	1	2/10/17	S2-01	TS36	SIGNING PLAN "Le" 319+50 TO "Le" 334+00
X	1	2/10/17	S2-01	TS37	SIGNING PLAN "Le" 334+00 TO "Le" 349+00
X	1	2/10/17	S2-01	TS38	SIGNING PLAN "Le" 349+00 TO "Le" 364+00
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X	1	2/10/17	S2-01	TS42	SIGNING PLAN "Le" 409+00 TO "Le" 424+00
X	1	2/10/17	S2-01	TS43	SIGNING PLAN "Le" 424+00 TO "Le" 439+00
X	1	2/10/17	S2-01	TS44	SIGNING PLAN "Le" 439+00 TO "Le" 454+00
X	1	2/10/17	S2-01	TS45	SIGNING PLAN "Le" 454+00 TO "Le" 469+00
X	1	2/10/17	S2-01	TS46	SIGNING PLAN "Le" 469+00 TO "Le" 484+00
X	1	2/10/17	S2-01	TS47	SIGNING PLAN "Le" 484+00 TO "Le" 499+00
X	1	2/10/17	S2-01	TS48	SIGNING PLAN "Le" 499+00 TO "Le" 514+00
X	1	2/10/17	S2-01	TS49	SIGNING PLAN "Le" 514+00 TO "Le" 529+00
X	1	2/10/17	S2-01	TS50	SIGNING PLAN "Le" 529+00 TO "Le" 544+00
X	1	2/10/17	S2-01	TS51	SIGNING PLAN "Le" 544+00 TO "Le" 561+00
X	1	2/10/17	S2-01	TS52	SIGNING PLAN "Le" 561+00 TO "Le" 574+00
X	1	2/10/17	S2-01	TS53	SIGNING PLAN "Le" 574+00 TO "Le" 589+00
X	1	2/10/17	S2-01	TS54	SIGNING PLAN "Le" 589+00 TO "Le" 604+00
X	1	2/10/17	S2-01	TS55	SIGNING PLAN "Le" 604+00 TO "Le" 618+75
X	1	2/10/17	S2-01	TS56	SIGNING PLAN "Le" 618+75 TO "Le" 634+00
X	1	2/10/17	S2-01	TS57	SIGNING PLAN "Le" 634+00 TO "Le" 649+00
X	1	2/10/17	S2-01	TS58	SIGNING PLAN "Le" 649+00 TO "Le" 664+00
X	1	2/10/17	S2-01	TS59	SIGNING PLAN "Le" 664+00 TO "I-15S" 679+00
X	1	2/10/17	S2-01	TS60	SIGNING PLAN "I-15S" 679+00 TO "I-15S" 694+00
X	1	2/10/17	S2-01	TS61	SPECIAL SIGN DETAILS
X	1	2/10/17	S2-01	TS62	SPECIAL SIGN DETAILS
X	1	2/10/17	S2-01	TS63	SIGN STRUCTURE DETAIL "Le" 248+33
X	1	2/10/17	S2-01	TS64	SIGN STRUCTURE DETAIL "Le" 269+98
X	1	2/10/17	S2-01	TS65	SIGN STRUCTURE DETAIL "Le" 295+00
X	1	2/10/17	S2-01	TS66	SIGN STRUCTURE DETAIL "Le" 295+08
X	1	2/10/17	S2-01	TS67	SIGN STRUCTURE DETAIL "Le" 471+99
X	1	2/10/17	S2-01	TS68	SIGN STRUCTURE DETAIL "Le" 482+85
X	1	2/10/17	S2-01	TS69	SIGN STRUCTURE DETAIL "Le" 516+50
X	1	2/10/17	S2-01	TS70	SIGN STRUCTURE DETAIL "Le" 587+85
X	1	2/10/17	S2-01	TS71	SIGN STRUCTURE DETAIL "Le" 619+00

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101E	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
3 OF 4

ATKINS
2270 Corporate Circle
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DRAWN BY MV
CHECKED BY TC
REVIEWED BY EL

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	1F

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION
X	1	2/10/17	S2-01	TS72	SIGN STRUCTURE DETAIL "Le" 630+25
X	1	2/10/17	S2-01	TS73	SIGN STRUCTURE DETAIL "Le" 650+72
X	1	2/10/17	S2-01	TS74	SIGN STRUCTURE DETAIL "I-15S" 688+15
X	1	2/10/17	S2-01	TS75	VANDALISM PROTECTION DETAILS
X	1	2/10/17	S2-01	TS76	BARRIER RAIL MOUNT DETAIL
X	1	2/10/17	S2-01	TS77	REMOVAL SIGN SUMMARY
X	1	2/10/17	S2-01	TS78	REMOVAL SIGN SUMMARY
X	1	2/10/17	S2-01	TS79	REMOVAL SIGN SUMMARY
X	1	2/10/17	S2-01	TS80	PERMANENT SIGN SUMMARY
X	1	2/10/17	S2-01	TS81	PERMANENT SIGN SUMMARY
X	1	2/10/17	S2-01	TS82	PERMANENT SIGN SUMMARY
X	1	2/10/17	S2-01	TS83	PERMANENT SIGN SUMMARY
X	1	2/10/17	S2-01	TS84	PERMANENT SIGN SUMMARY
X	0	2/10/17	S2-01	TS85	PERMANENT SIGN SUMMARY

SHEET INCLUDED	REVISION NUMBER	ISSUE DATE	DESIGN UNIT	SHEET NUMBER	DRAWING DESCRIPTION

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0101F	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
4 OF 4

ATKINS
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REVIEWED BY EL

3/22/2020
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	2

- LEGEND -

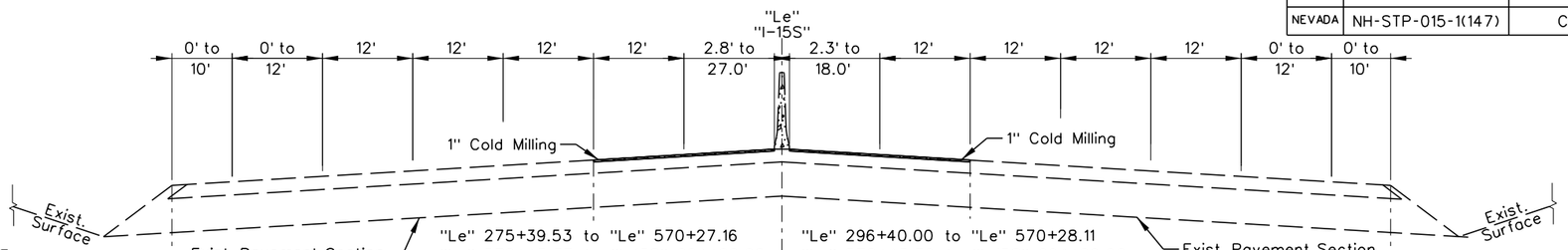
▨ - LIMITS OF REMOVAL

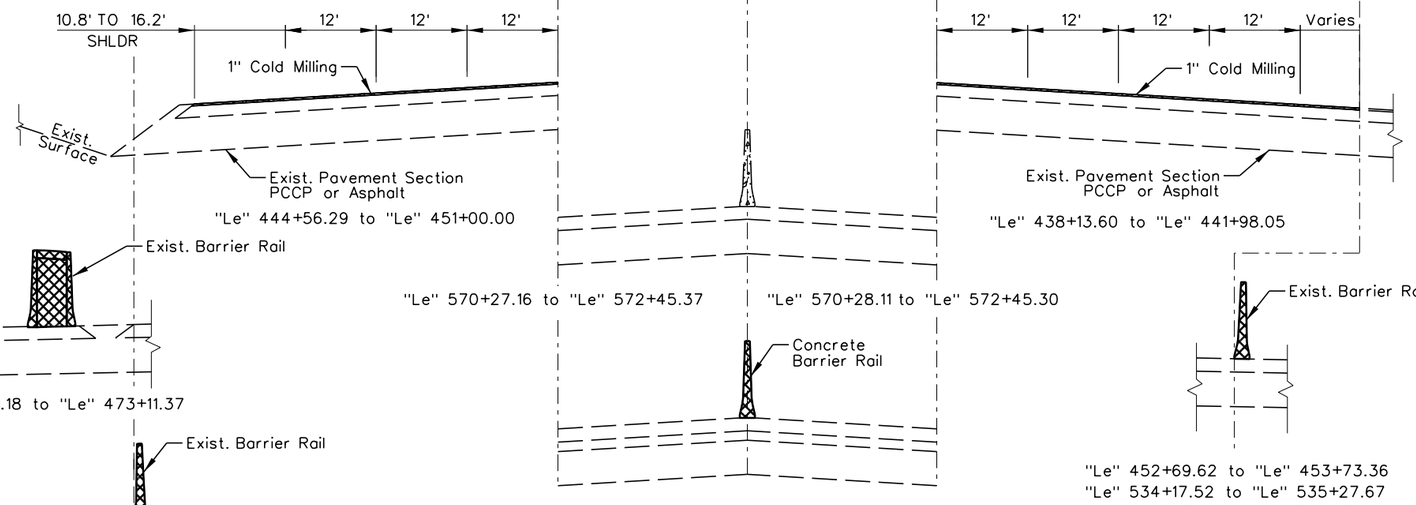
NOTES: SEE SITE PREPARATION PLANS FOR EXACT REMOVAL LIMITS.

EXISTING PAVEMENT BETWEEN "Le" 248+32 AND "Le" 435+00 IS ASPHALT. EXISTING PAVEMENT BETWEEN "Le" 435+00 AND "I-15S" 694+00 IS PCCP. CONTRACTOR SHALL VERIFY EXACT LIMITS OF EXISTING ASPHALT AND PCCP PAVEMENT LIMITS NEAR I-215 PRIOR TO COMMENCING COLD MILLING OPERATIONS

SEE SITE PREPARATION PLANS FOR LIMITS OF COLD MILLING AT EXISTING CONCRETE BRIDGE DECKS AND PCCP PAVEMENT UNDER TROPICANA AVENUE

WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.





AS CONSTRUCTED

"Le" 275+04.52 to "I-15S" 694+00.00

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0202	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
I-15

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CHECKED BY TC
REVIEWED BY EL

10/15/2019 4:58:14 PM
pw:\\SUSD03634.3.wsatkins.com:ATKNANV01\Documents\Roads and Bridges\Projects\100047698 NEON FD\Engineering\010_RoadDesign\DGN\Sheets\Segment 2\73652-S2-01-ATK-sht0202

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	2A

- LEGEND -

(1) - 1" PBOGS SOUTH OF I-215
- 1" RUBBERIZED ASPHALT OVERLAY NORTH OF I-215

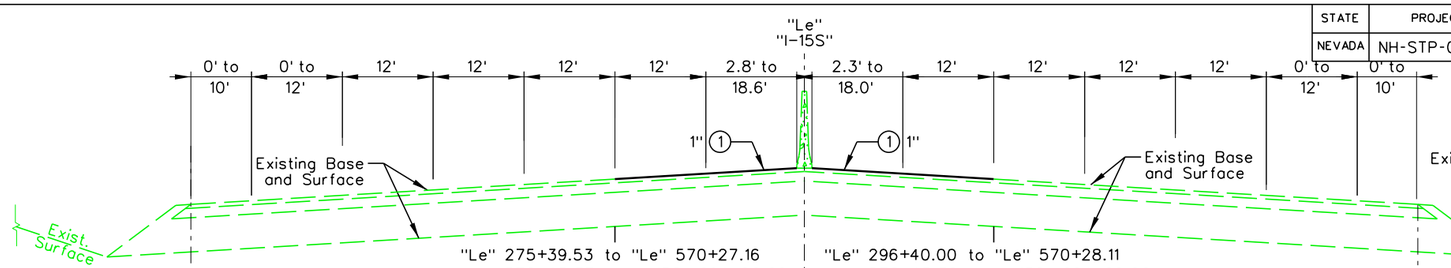
NOTES: SEE CONSTRUCTION PLANS FOR REMOVAL AND CONSTRUCTION LIMITS FOR CENTERLINE BARRIER RAIL FLARES.

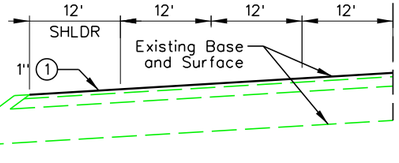
1" PBOGS FOR EXISTING ASPHALT PAVEMENT;
1" RUBBERIZED ASPHALT OVERLAY FOR EXISTING PCCP. APPROXIMATE LIMITS:
NB: "Le" 275+00 to "Le" 429+00 - PBOGS
NB: "Le" 429+00 to "Le" 694+00 - RUBBERIZED ASPHALT OVERLAY
SB: "Le" 275+00 TO "Le" 438+00 - PBOGS
SB: "Le" 438+00 TO "Le" 694+00 - RUBBERIZED ASPHALT OVERLAY

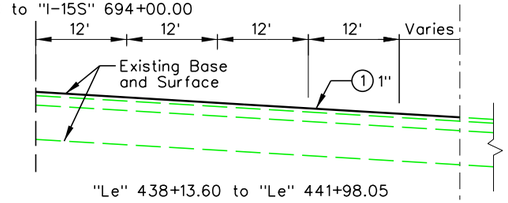
CONTRACTOR SHALL VERIFY LIMITS OF EXISTING ASPHALT AND PCCP PAVEMENT LIMITS INCLUDING NORTH OF I-215 TO "Le" 694+00 PRIOR TO COMMENCING COLD MILLING OPERATIONS

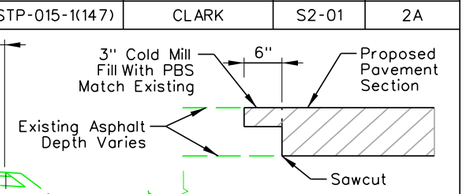
SEE ROADWAY CONSTRUCTION PLANS FOR CONCRETE BARRIER RAIL TYPE

WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.



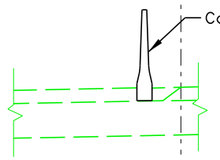


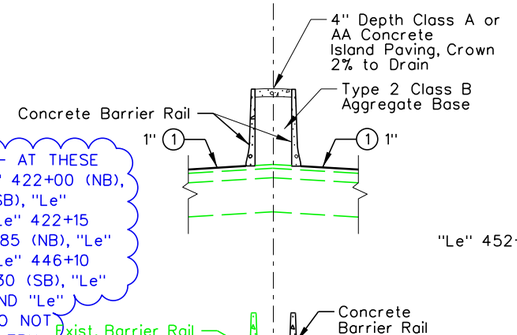




KEYED JOINT DETAIL

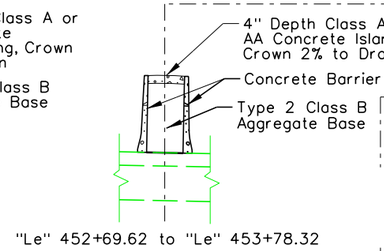
To be used on all transverse and longitudinal tie-ins to existing asphalt surface.

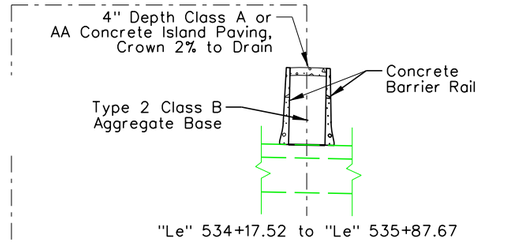


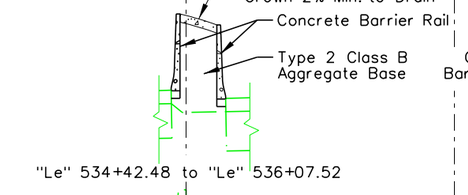


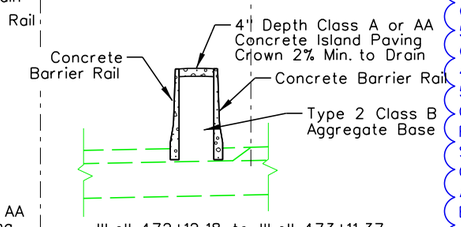
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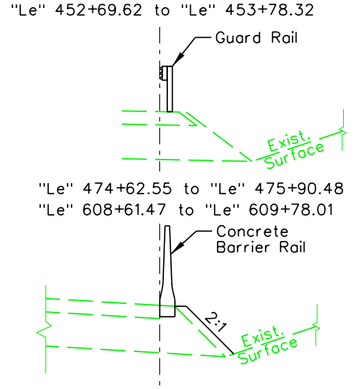
PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

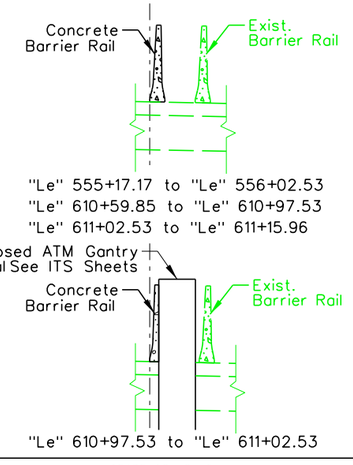


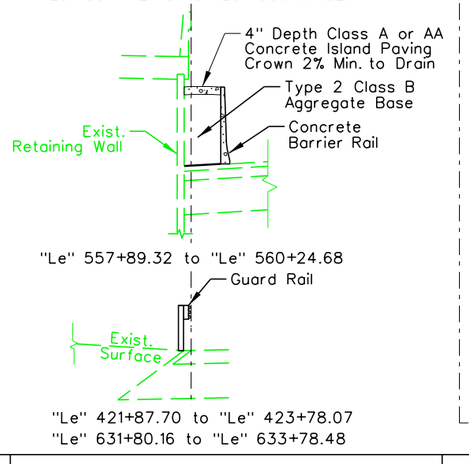


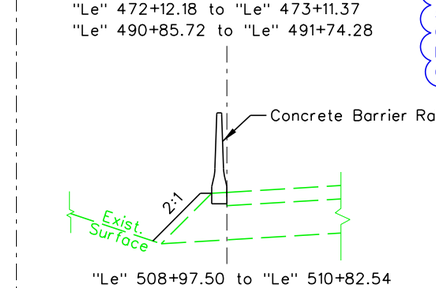












SECTION OF IMPROVEMENT

"Le" 275+04.52 to "I-15S" 694+00.00

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0202A	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
I-15

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	3

ABBREVIATIONS

∠	ANGLE
BOC	BACK OF CURB
C/A	CONTROL OF ACCESS
CB	CENTER OF BARRIER
C/P	PERMISSION TO CONSTRUCT
DESC	DESCRIPTION
DU	DESIGN UNIT
E.O.P.	EDGE OF PAVEMENT
F.I.O.	FOR INFORMATION ONLY
FOC	FACE OF CURB
FOR	FACE OF BARRIER RAIL
GB	GRADE BREAK
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
NFC	NOT FOR CONSTRUCTION
PBOGS	PLANTMIX BITUMINOUS OPEN GRADED SURFACE
P.E.	PERMANENT EASEMENT
PGL	PROFILE GRADE LINE
PKWY	PARKWAY
SEC.	SECTION
T.E.	TEMPORARY EASEMENT
TAN	TANGENT
USDCCA	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
UTACS	ULTRA THIN ASPHALT CONCRETE SURFACING

GENERAL NOTES

1. LOCATION OF UNDERGROUND UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES
2. LIMITS OF COLD MILLING AND PAVING ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER. WHEN ELEVATION CONTROL IS NOT GIVEN, GRADE AND CROSS SLOPE OF THE ROADWAY SHALL CONFORM TO PRESENT TRAVEL WAY.
3. ALL BARRIER RAIL REMOVALS AND INSTALLATIONS MUST BE COMPLETED PRIOR TO MILLING AND PAVING OPERATIONS ADJACENT TO THE MODIFICATIONS
4. DEPTH OF BASE & SURFACE IS A MINIMUM COMPACTED THICKNESS
5. CONTRACTOR IS RESPONSIBLE FOR ALL PRE-DEMOLITION SURVEYS AND PERMITS
6. APPLY PRIME COAT TO THE SURFACE OF THE AGGREGATE BASE UNDER PBS USING CUTBACK ASPHALT TYPE MC-70NV AT A RATE OF 0.28 GAL/SQ YD. APPROVED PRODUCTS ON THE QPL MAY BE SUBSTITUTED FOR THE CUTBACK ASPHALT
7. APPLY TACK COAT USING EMULSIFIED ASPHALT TYPE SS-1H (DILUTED) AT THE FOLLOWING RATES:

TACK COLD MILLED SURFACE	0.10 GAL/SQ YD
TACK PBOGS	0.07 GAL/SQ YD
TACK PBS LIFTS	0.06 GAL/SQ YD

8. FOR GEOTECHNICAL INFORMATION SEE "CW-34 NGTA ATM GANTRY SIGNS GEOTECHINCAL ASSUMPTIONS AND RECOMMENDATIONS TECHNICAL MEMORANDUM".
9. PER DESIGN UNIT CW-34: ALL BARRIER RAIL SHALL BE PAINTED TO MATCH EXISTING. IF EXISTING BARRIER RAIL IS NOT PAINTED, PAINTING OF NEW BARRIER RAIL IS NOT REQUIRED.
10. STATION OFFSET CALLOUTS OF BARRIER RAIL ARE TO FACE OF RAIL UNLESS OTHERWISE NOTED (CB) CENTER OF BARRIER
11. CONTRACTOR SHALL PROTECT IN PLACE EXISTING LANDSCAPE FEATURES INCLUDING DECORATIVE ROCK GROUNDCOVER, PLANTINGS, IRRIGATION, SCULPTURAL FEATURES, AND FINISHES (PAINTING) TO THE GREATEST EXTENT POSSIBLE. ANY FEATURES DISTURBED FOR CONSTRUCTION SHALL BE RESTORED TO EQUAL-TO OR BETTER-THAN PRE-CONSTRUCTION CONDITIONS. REFER TO TECHNICAL PROVISIONS SECTION 5.3.2 FOR ADDITIONAL INFORMATION.
12. FOR PAVEMENT TRENCH OUTSIDE OF NEW PAVEMENT CONSTRUCTION LIMITS SHOWN ON THE ROADWAY PLANS, SEE UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA NO. 500.1, 500.2, 500.3, 500.4, AND 500.5. ALL OTHER EXISTING FEATURES IMPACTED PER UTILITY DESIGN AND/OR RELOCATIONS SHALL BE REPLACED IN-KIND. CONTRACTOR TO VERIFY AND FOLLOW PERMIT REQUIREMENTS.
13. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS
14. WEIGH-IN-MOTION (WIM) AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0303	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND ABBREVIATIONS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	3A

ABBREVIATIONS

CFS	CUBIC FEET PER SECOND
HGL	HYDRAULIC GRADE LINE
IE	INVERT ELEVATION
LIE	LOWER INVERT ELEVATION
MSE	MECHANICALLY STABILIZED EARTH
NTS	NOT TO SCALE
PKWY	PARKWAY
PROP	PROPOSED
S	SLOPE
SS	SIDE SLOPE
UIE	UPPER INVERT ELEVATION
USDCCA	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA

PLAN LEGEND

[X] DRAINAGE REMOVAL NOTE

(X) DRAINAGE CONSTRUCTION NOTE

– – REMOVE/ABANDON STRUCTURE

GENERAL NOTES:

1. FOR TYPE 2 DROP INLET, SEE NDOT STD PLAN R-4.2.1
2. FOR TYPE 2A DROP INLET, SEE NDOT STD PLAN R-4.2.1.1
3. FOR TYPE 2B DROP INLET, SEE NDOT STD PLAN R-4.2.2
4. FOR TYPE 8 DROP INLET, SEE NDOT STD PLAN R-4.2.4.1
5. FOR EMBANKMENT PROTECTOR (TYPE 5-2G), SEE NDOT STD PLAN R-3.1.3
6. FOR CMP COUPLING BAND, SEE NDOT STD PLAN R-2.8.1
7. FOR DROP INLET CONCRETE APRON, SEE NDOT STD PLAN R-4.2.7
8. USE CLASS III RCP FOR PIPES UNLESS OTHERWISE SPECIFIED
9. FOR CONCRETE COLLAR, SEE NDOT STD R-2.1.1 OR APPROVED COUPLER
10. FOR TYPE 1 AND 2 MANHOLES, SEE NDOT STD PLAN R-4.3.1
11. FOR MANHOLE COVER, FRAME, AND CONCRETE COLLAR, SEE NDOT R-4.3.3
12. FOR TRENCH DRAIN, SEE NDOT STD PLAN R-4.2.8
13. FOR DRAINAGE DIKE, SEE NDOT STD PLAN R-1.4.1
14. FOR METAL END SECTION (SAFETY TYPE), SEE NDOT R-2.2.2.
15. FOR RIPRAP APRON AND LINING, SEE NDOT STD PLAN R-3.1.5
16. USE CLASS B BEDDING FOR RCP PIPES AND PVC PIPES PER NDOT STD PLAN R-1.1.6 UNLESS OTHERWISE SPECIFIED.
17. FOR PRECAST END SECTION, SEE NDOT STD PLAN R-2.3.1
18. THE EXISTING FACILITIES LAYOUT, INVERTS AND SIZES ARE APPROXIMATE ONLY. DESIGN BUILDER SHALL VERIFY LAYOUT, INVERTS AND SIZES OF EXISTING FACILITIES PRIOR TO CONSTRUCTION AND REPORT ANY DESCREPANCIES.
19. EXISTING DROP INLETS, MANHOLES AND HEADWALLS SHALL BE REMOVED. OTHER EXISTING DRAINAGE STRUCTURES IDENTIFIED TO BE REMOVED OR ABANDONED SHALL EITHER BE REMOVED AND BACKFILLED WITH STRUCTURAL BACKFILL, REMAIN IN PLACE AND BE COMPLETELY FILLED WITH FLOWABLE FILL, OR PARTIALLY REMOVED AND BACKFILLED WITH STRUCTURE BACKFILL TO REMOVE ALL VOIDS. DESIGN BUILDER SHALL IDENTIFY METHOD AND LIMITS OF REMOVAL OR ABANDONMENT ON THE AS-BUILT PLANS.
20. PROTECT IN PLACE ANY EXISTING DRAINAGE FEATURES NOT CALLED OUT IN THE PLANS.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0303A	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND ABBREVIATIONS (DRAINAGE)

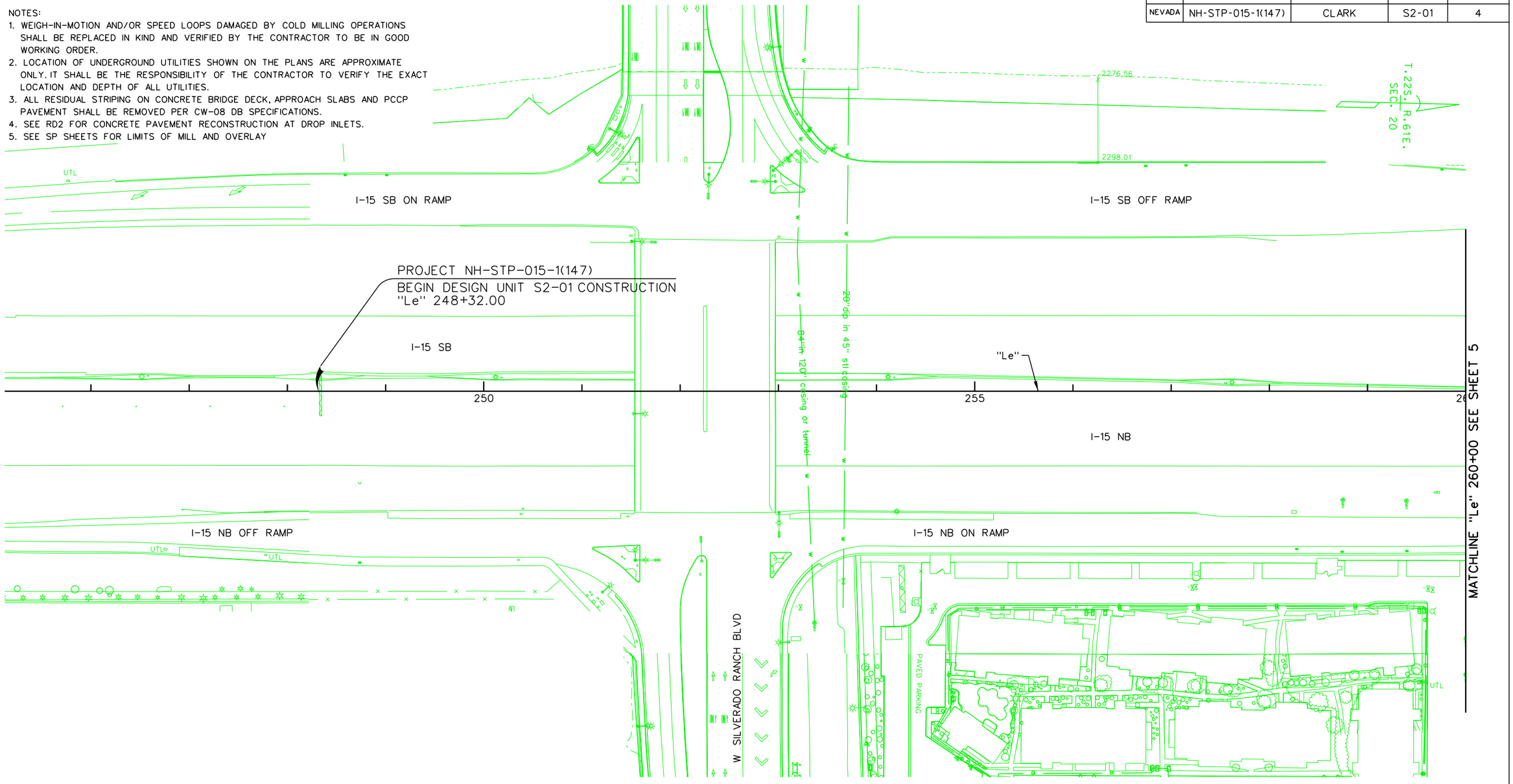
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	4

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0404	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 248+32 TO "Le" 260+00

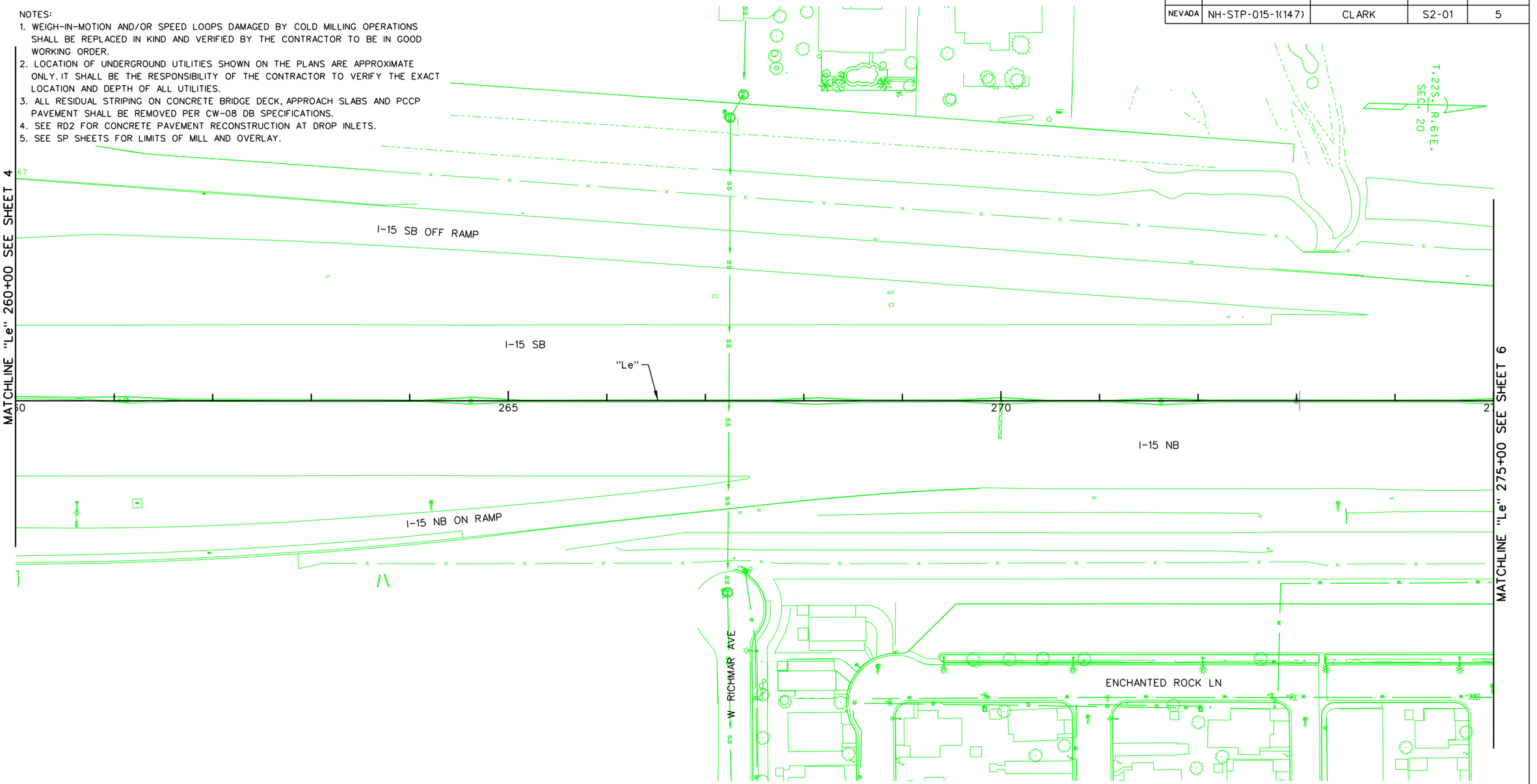
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	5

NOTES:
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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0405	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 260+00 TO "Le" 275+00

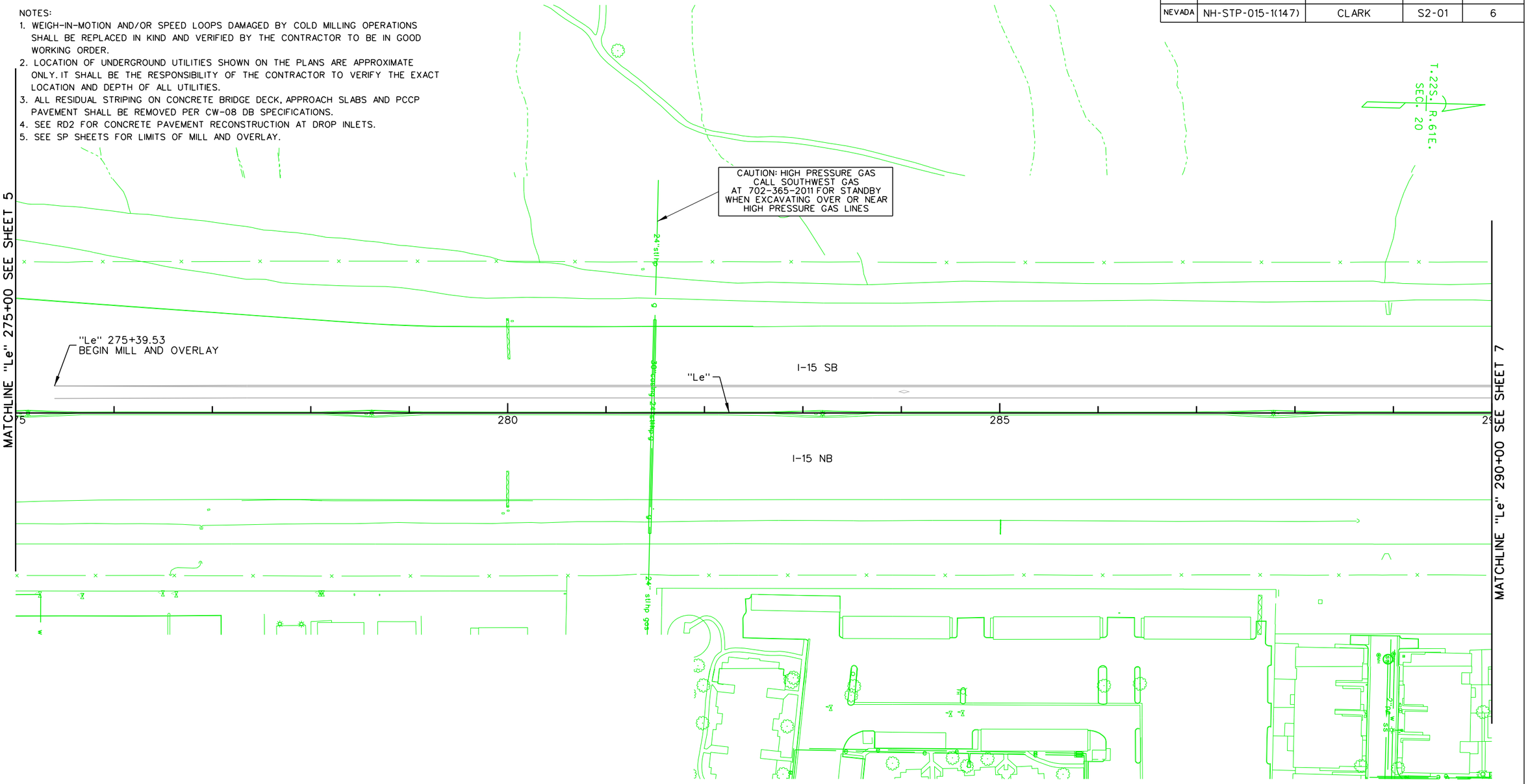
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	6

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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0406	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 275+00 TO "Le" 290+00

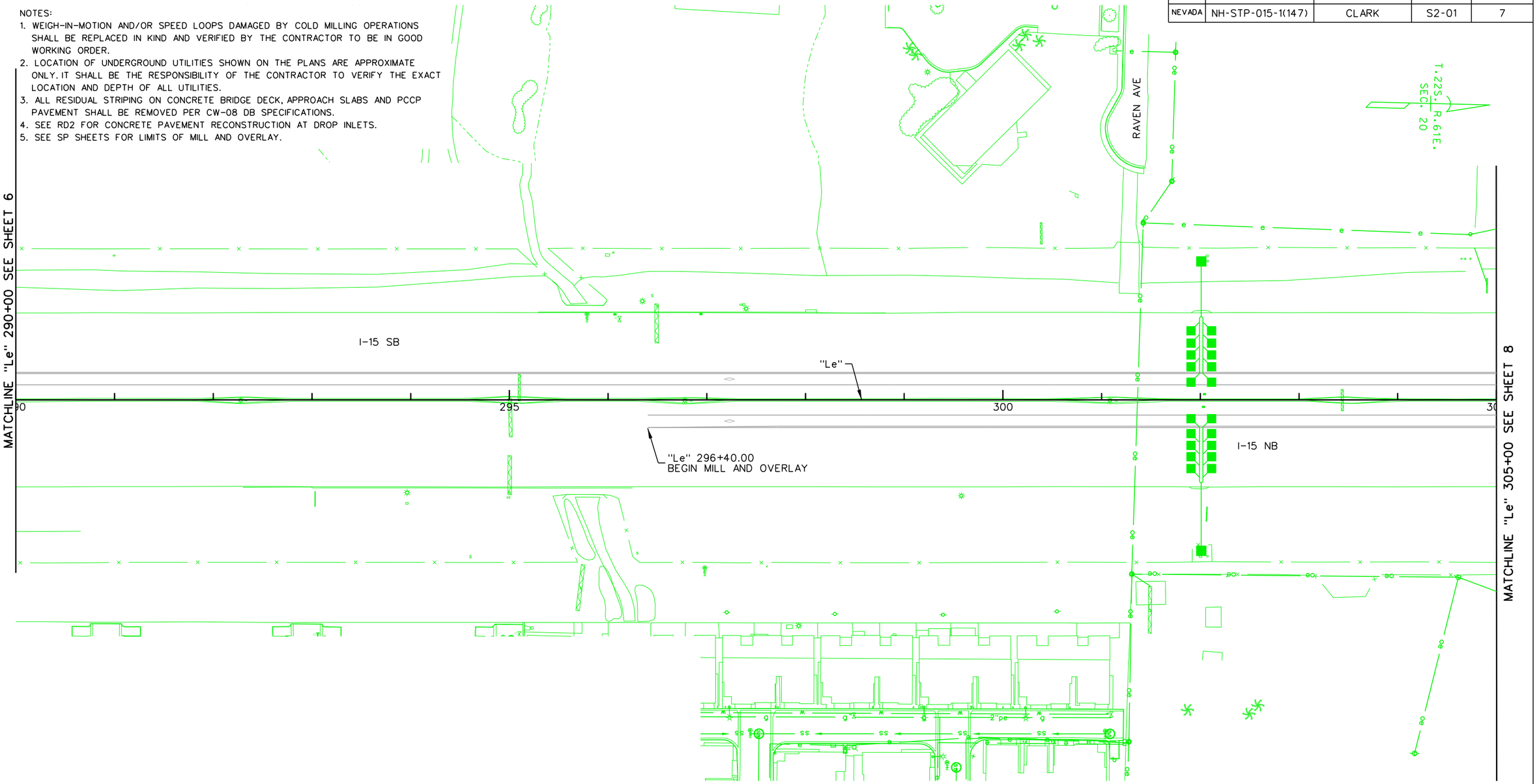
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	7

NOTES:
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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0407	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 290+00 TO "Le" 305+00

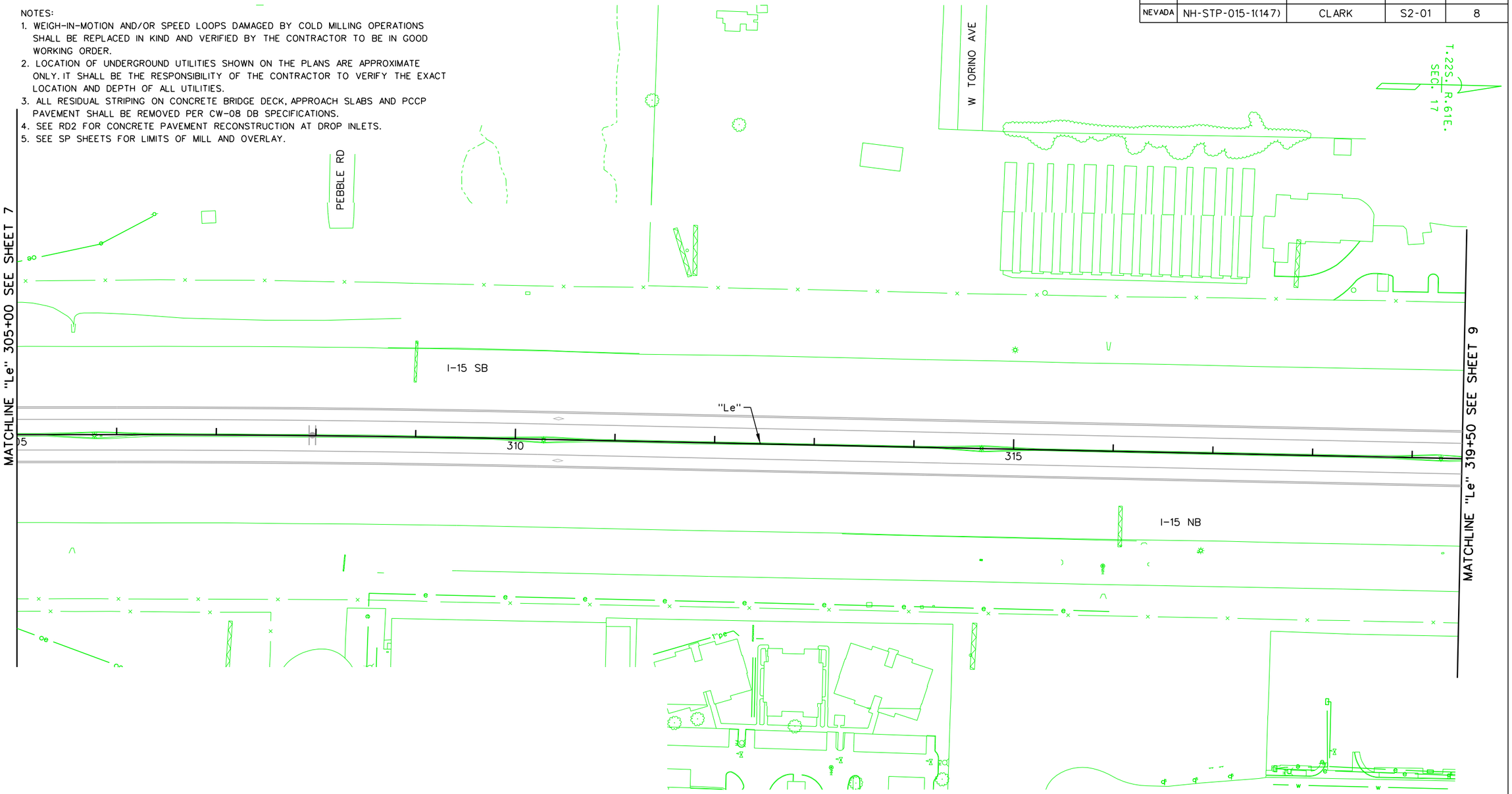
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	8

NOTES:
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0408	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 305+00 TO "Le" 319+50

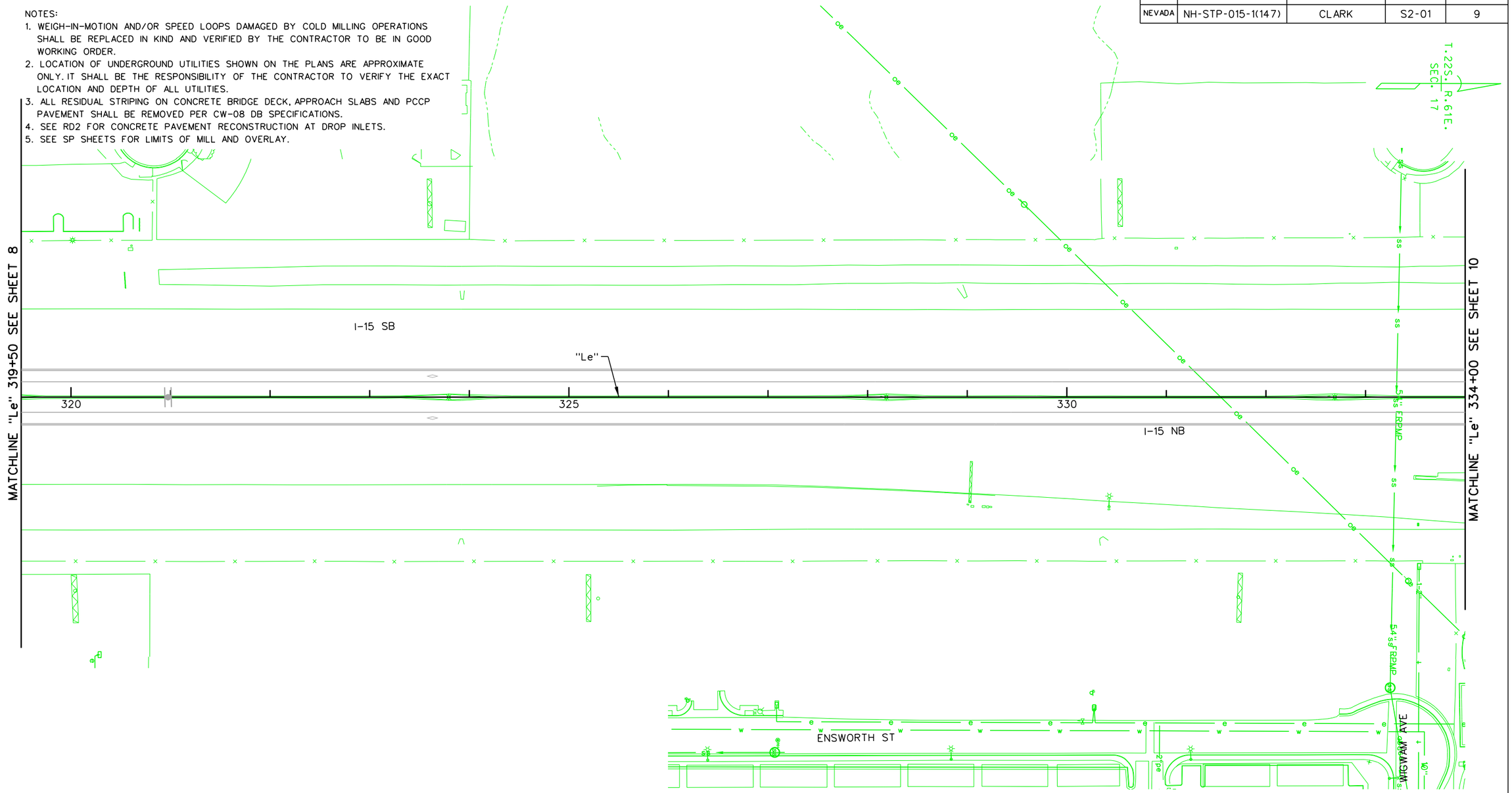
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	9

NOTES:
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0409	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 319+50 TO "Le" 334+00

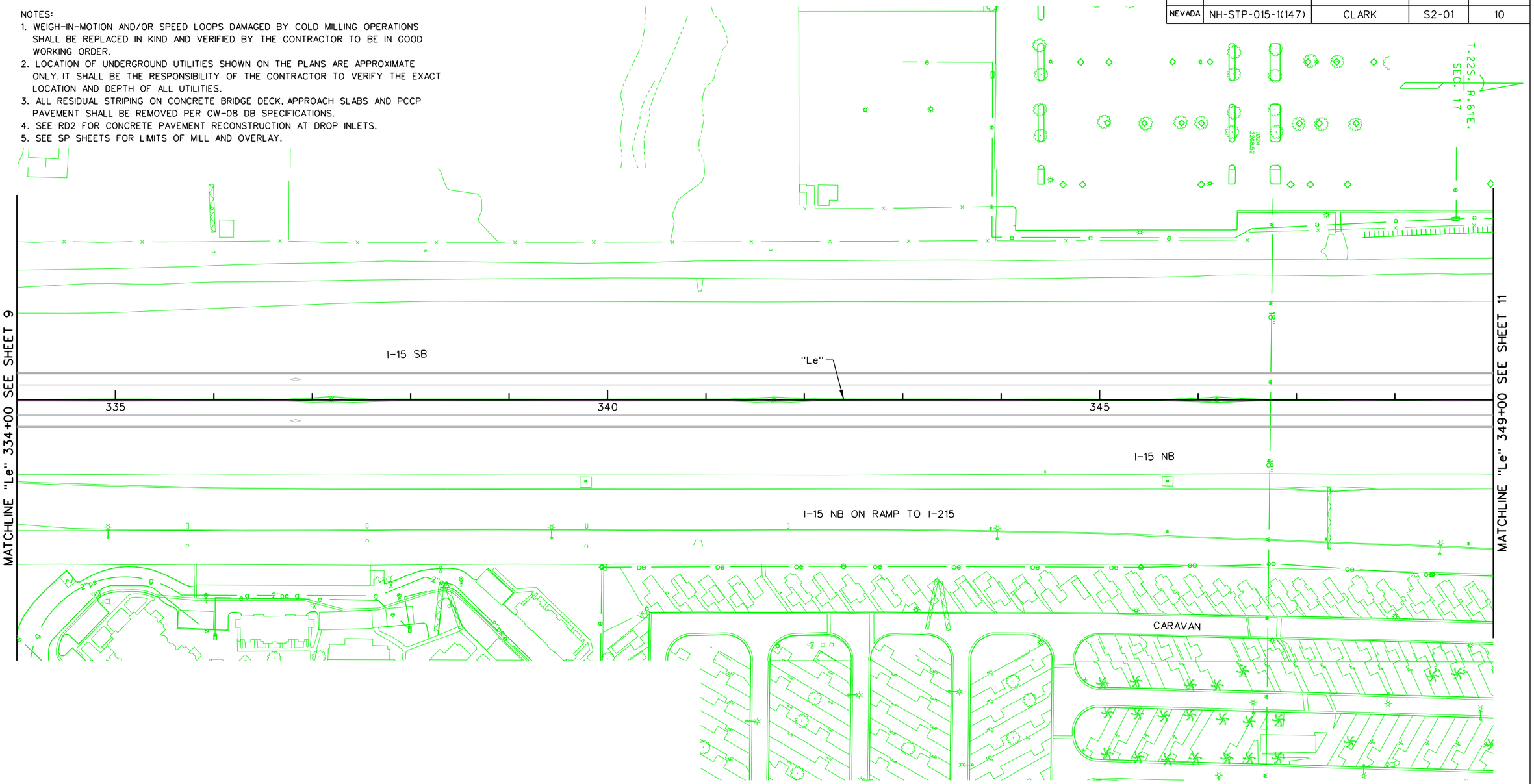
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	10

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0410	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 334+00 TO "Le" 349+00

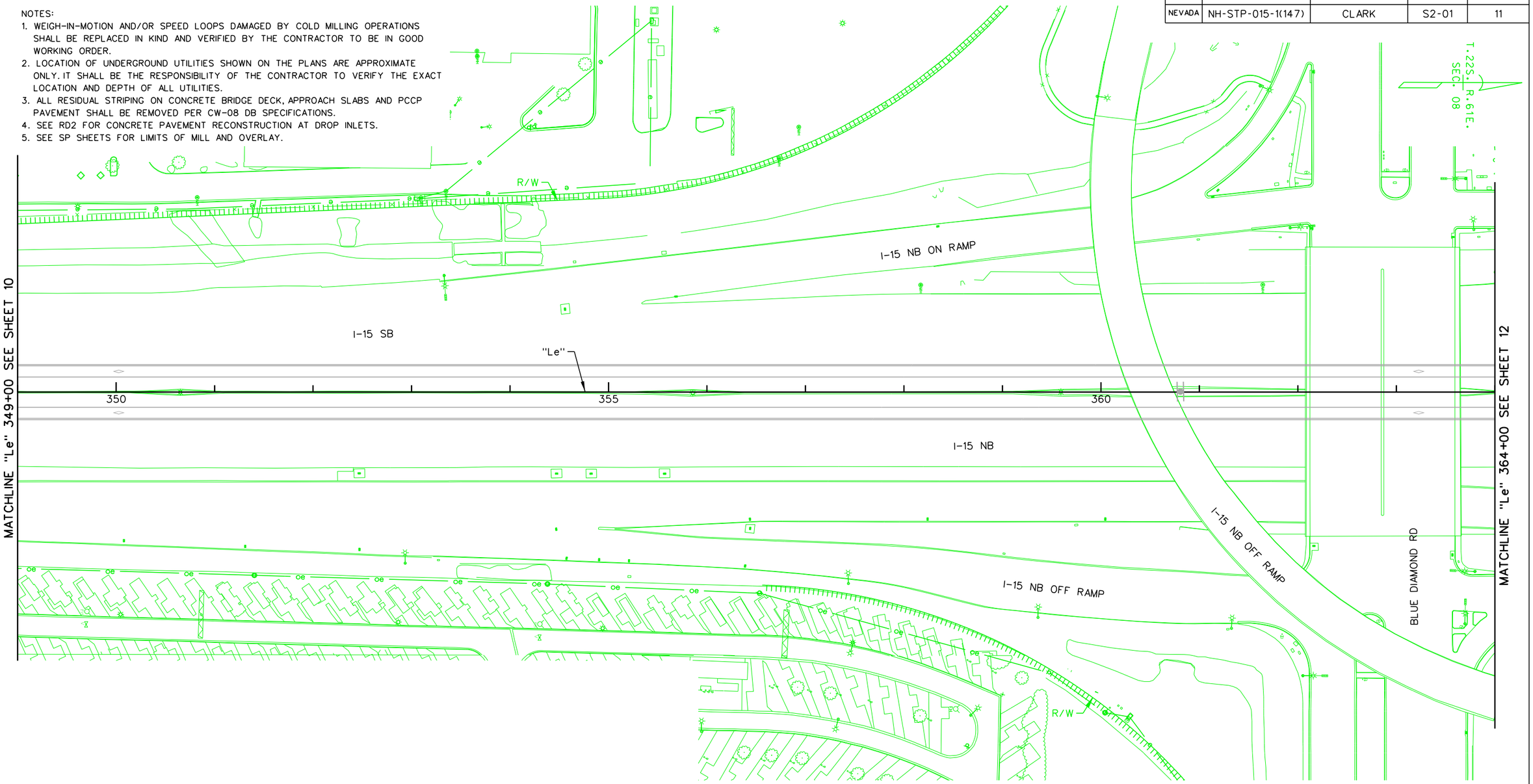
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	11

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0411	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 349+00 TO "Le" 364+00

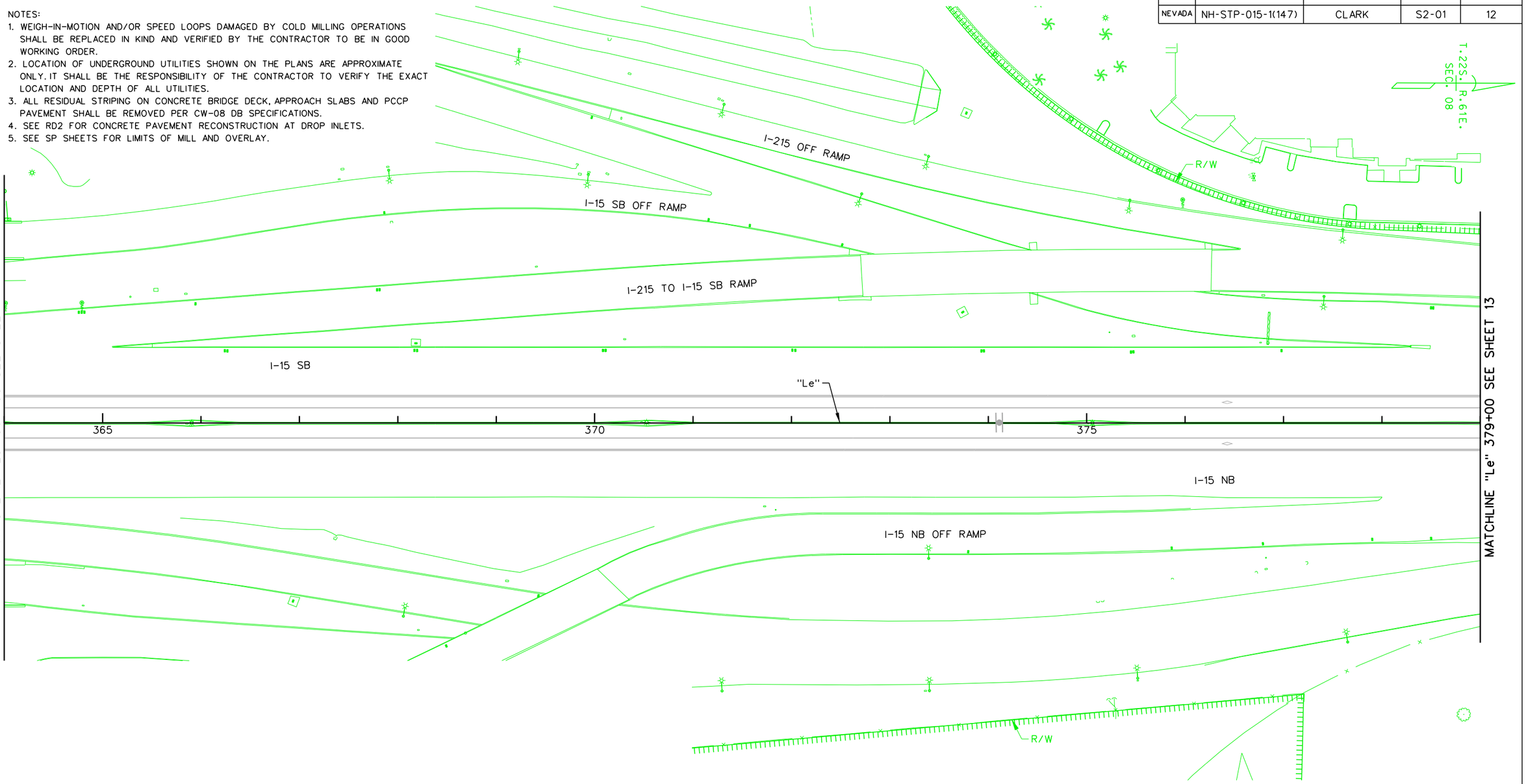
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	12

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0412	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 364+00 TO "Le" 379+00

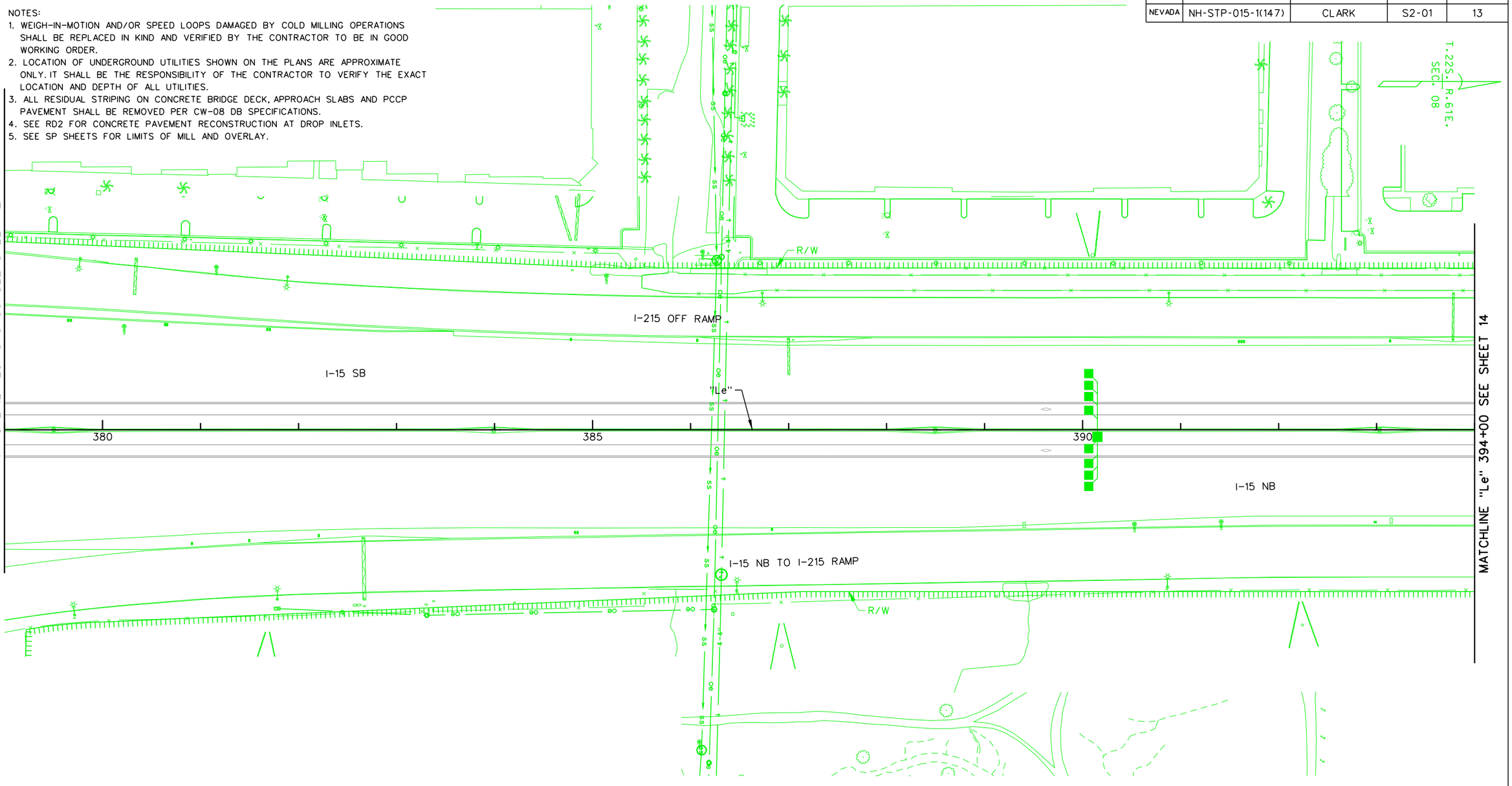
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	13

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0413	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 379+00 TO "Le" 394+00

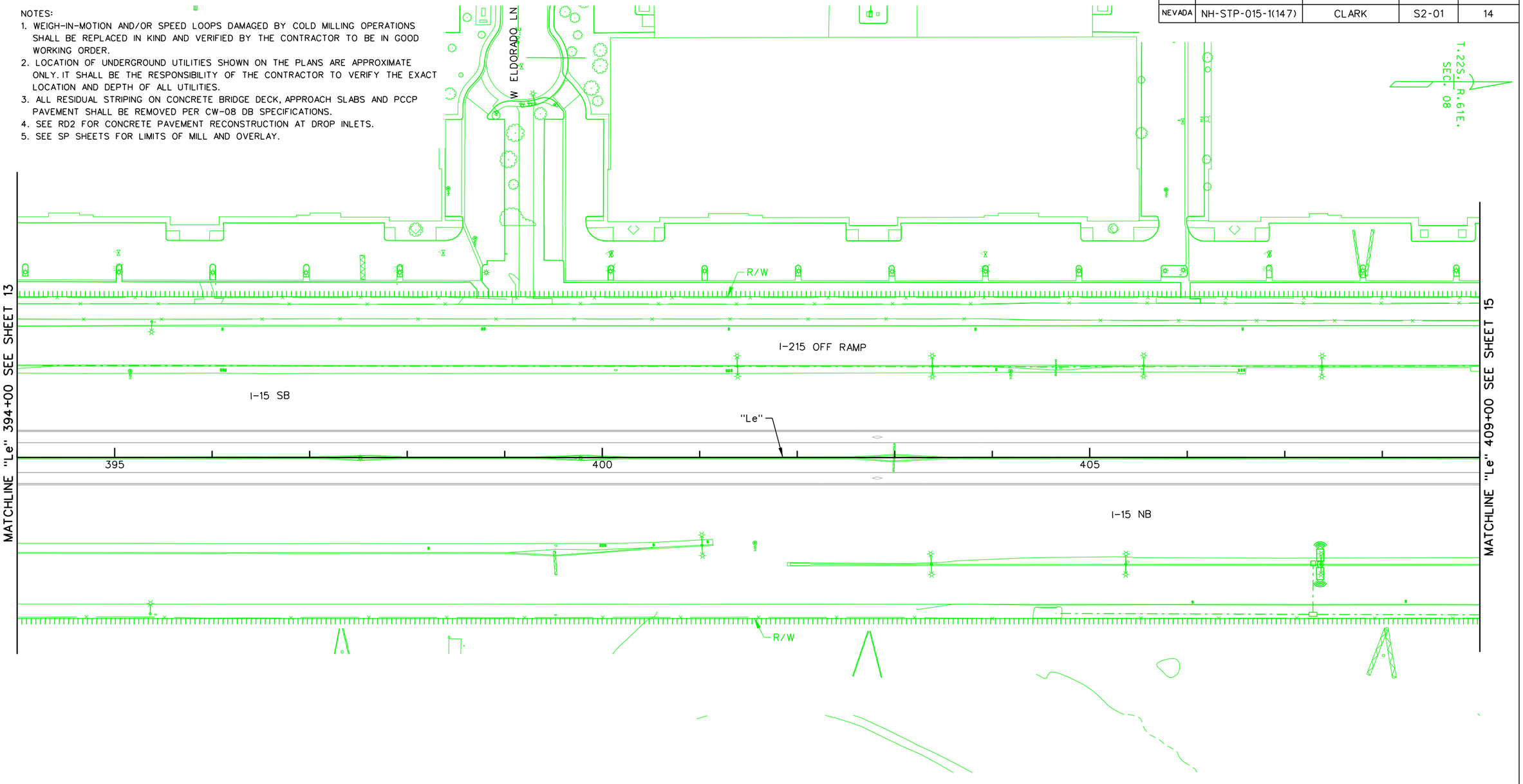
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	14

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0414	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

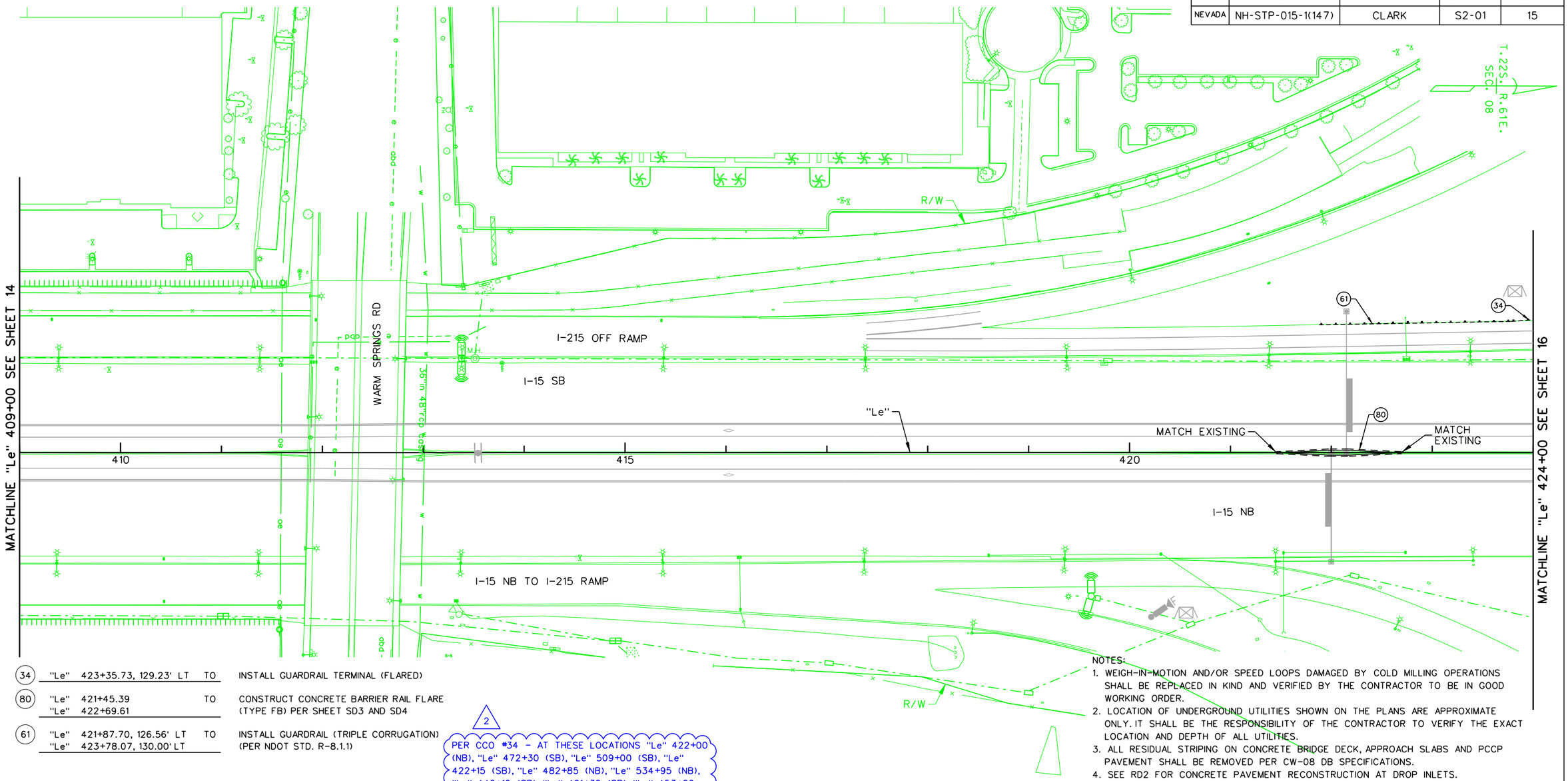
ROADWAY PLAN
"Le" 394+00 TO "Le" 409+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	15



34	"Le" 423+35.73, 129.23' LT	TO	INSTALL GUARDRAIL TERMINAL (FLARED)
80	"Le" 421+45.39 "Le" 422+69.61	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
61	"Le" 421+87.70, 126.56' LT "Le" 423+78.07, 130.00' LT	TO	INSTALL GUARDRAIL (TRIPLE CORRUGATION) (PER NDOT STD. R-8.1.1)

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0415	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 409+00 TO "Le" 424+00

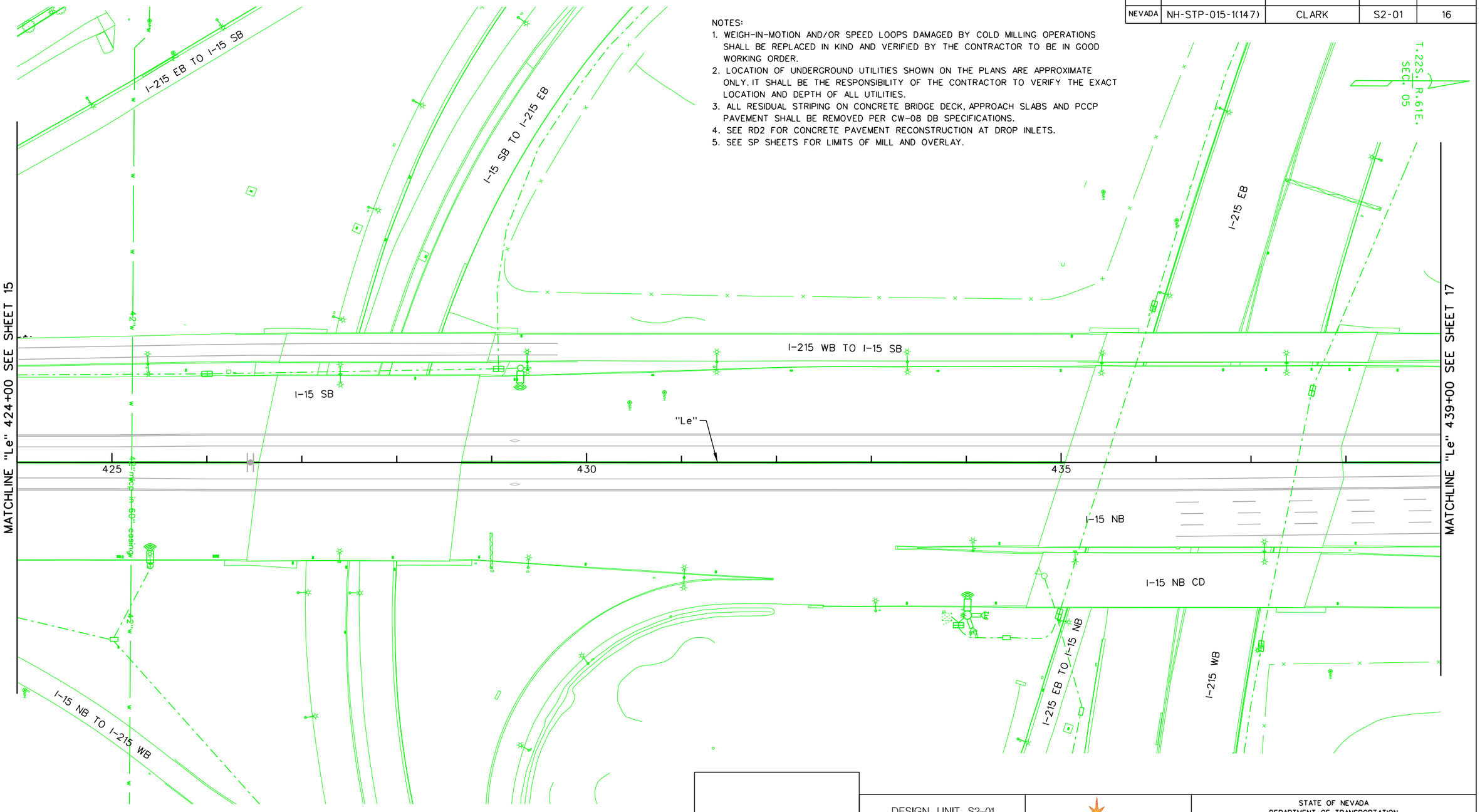
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	16

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0416	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 424+00 TO "Le" 439+00

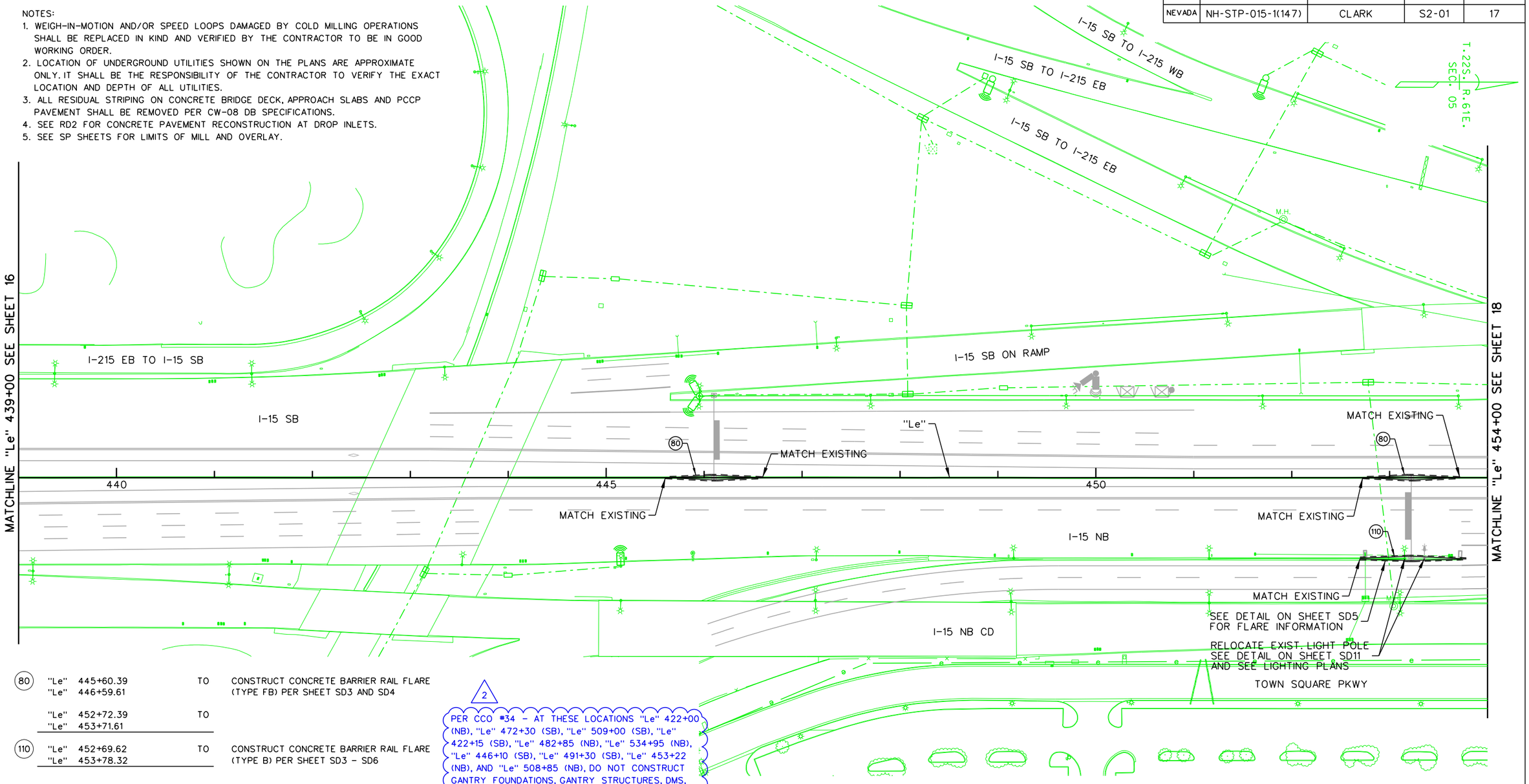
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	17

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



(80)	"Le" 445+60.39 "Le" 446+59.61	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 452+72.39 "Le" 453+71.61	TO	
(110)	"Le" 452+69.62 "Le" 453+78.32	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE B) PER SHEET SD3 – SD6

(2) PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0417	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

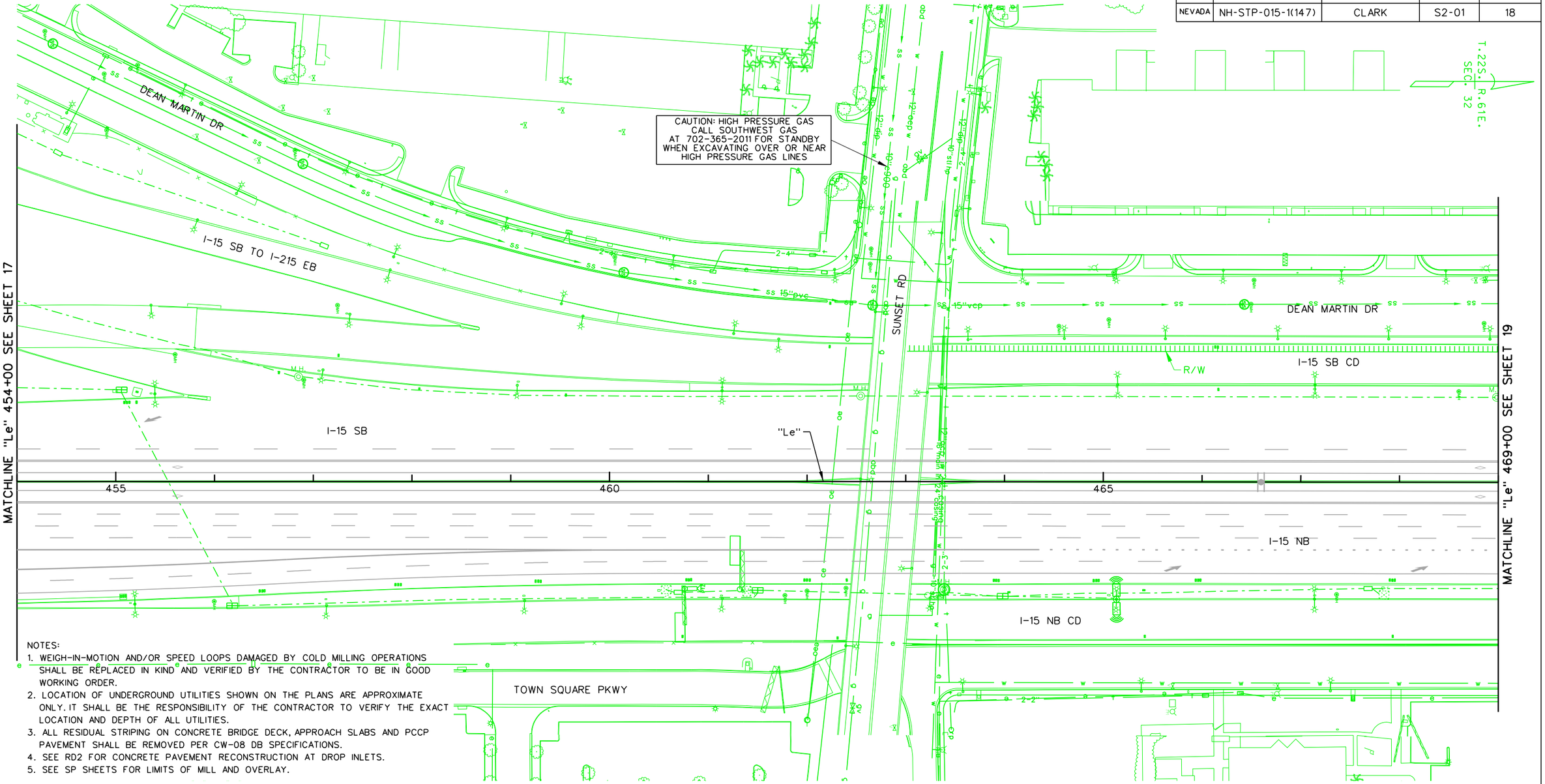
ROADWAY PLAN
"Le" 439+00 TO "Le" 454+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	18



NOTES:

1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0418	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 454+00 TO "Le" 469+00

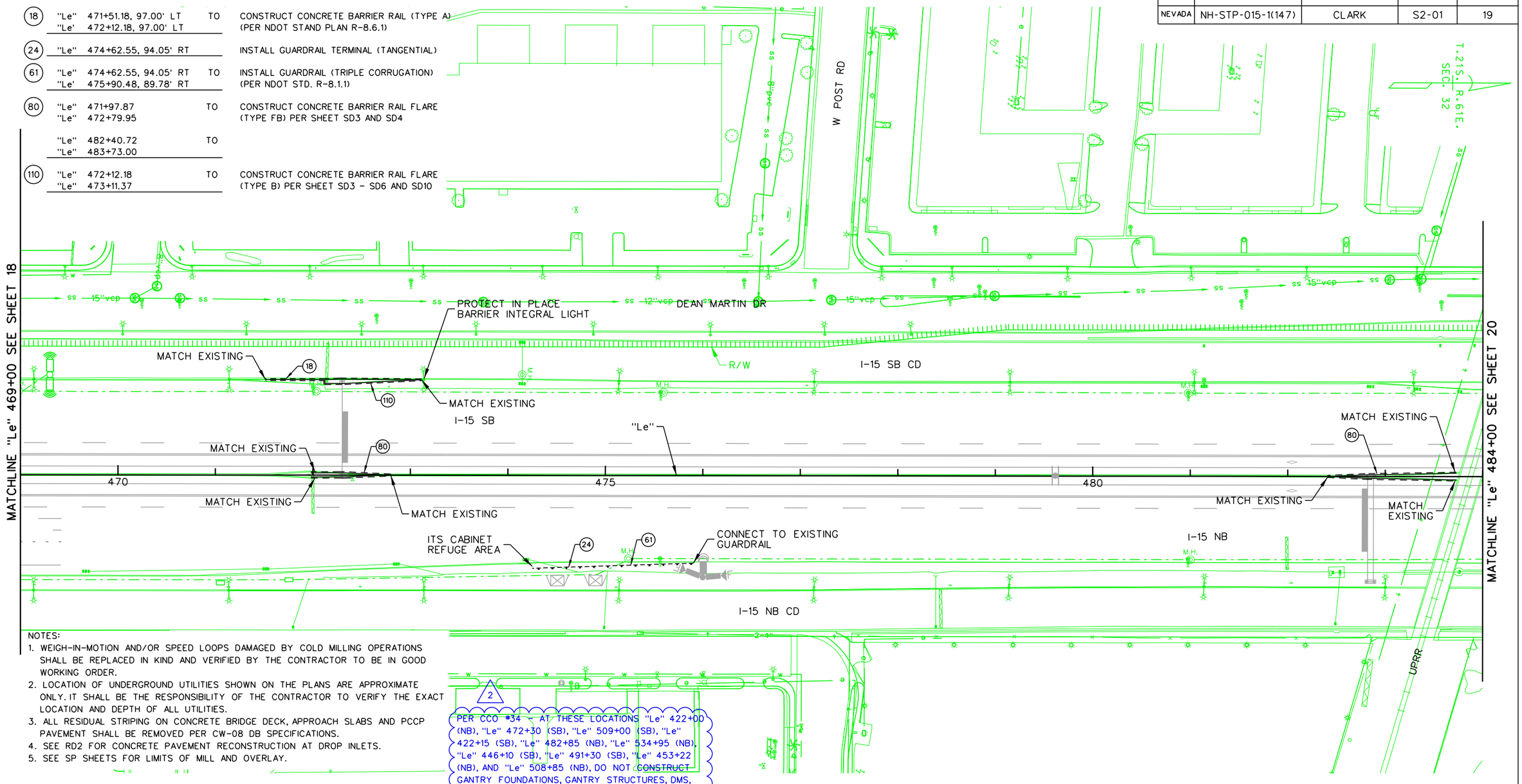
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	19

(18)	"Le" 471+51.18, 97.00' LT "Le" 472+12.18, 97.00' LT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE A) (PER NDOT STAND PLAN R-8.6.1)
(24)	"Le" 474+62.55, 94.05' RT		INSTALL GUARDRAIL TERMINAL (TANGENTIAL)
(61)	"Le" 474+62.55, 94.05' RT "Le" 475+90.48, 89.78' RT	TO	INSTALL GUARDRAIL (TRIPLE CORRUGATION) (PER NDOT STD. R-8.1.1)
(80)	"Le" 471+97.87 "Le" 472+79.95	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 482+40.72 "Le" 483+73.00	TO	
(110)	"Le" 472+12.18 "Le" 473+11.37	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE B) PER SHEET SD3 – SD6 AND SD10



NOTES:
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5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0419	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 469+00 TO "Le" 484+00

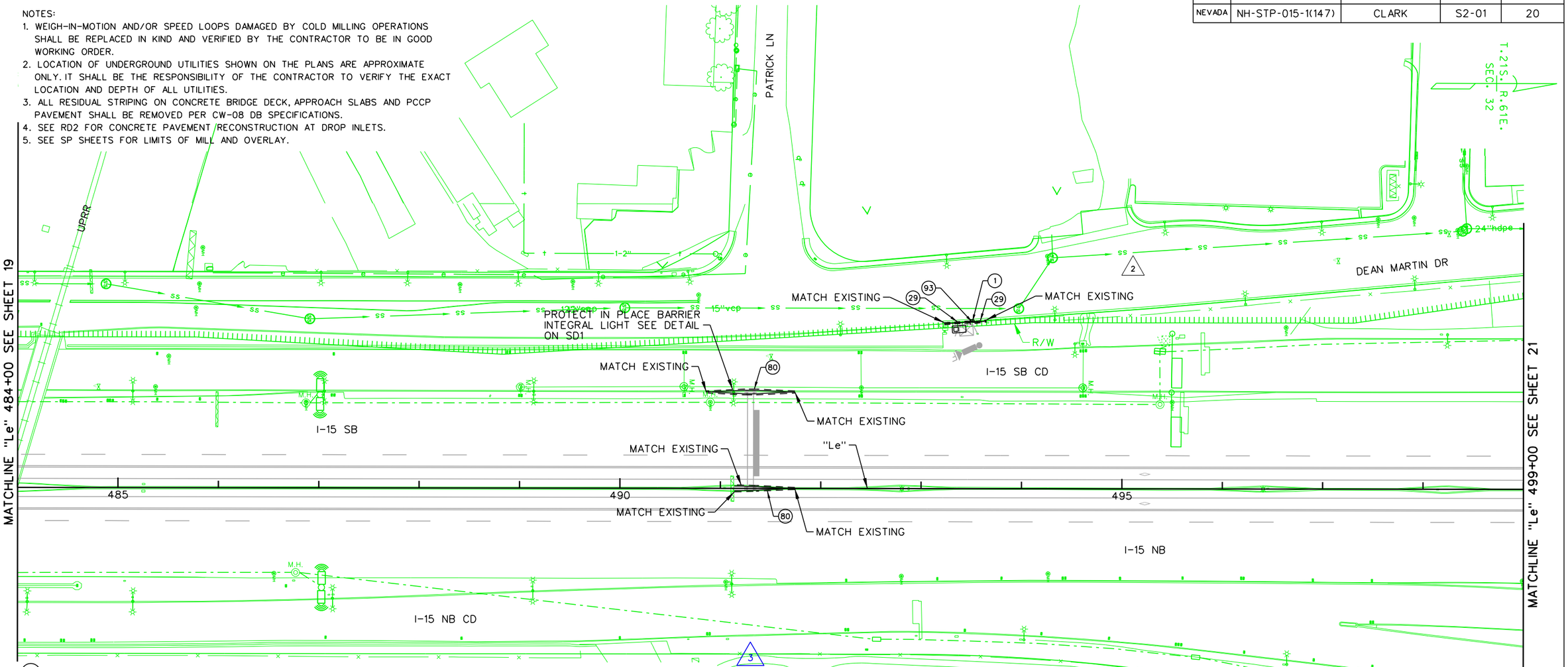
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	20

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



1	"Le" 493+48.80, 166.42' LT "Le" 493+52.98, 165.83' LT	TO	CONSTRUCT "L" TYPE CURB & GUTTER (PER USDCCA DWG NO. 216), MATCH FACE OF BARRIER RAILS
29	"Le" 493+22.85, 165.25' LT "Le" 493+48.77, 166.93' LT	TO	CONSTRUCT CONCRETE BARRIER RAIL WITH 6-INCH CONCRETE BASE (TYPE D) (PER NDOT STANDARD PLAN R-8.6.1) SEE SHEET SD10
	"Le" 493+52.91, 166.34' LT "Le" 493+64.70, 167.95' LT	TO	INSTALL SALVAGED CHAINLINK FENCE WITH POSTS ON BARRIER RAIL (SEE SHEET S1-03-SD10 AND SD11)
80	"Le" 490+85.72 "Le" 491+74.28	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 491+14.00 "Le" 491+74.28	TO	
93	"Le" 493+52.98, 165.83' LT		INSTALL CHAINLINK SINGLE SWING GATE (H=72") (PER NDOT STD R-6.3.3) GATE OPENING = 3'

△2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
3	AS-BUILTS - CCO #34	05/01/19
2	NDC 1146 - NVE PAD AND ACCESS	04/25/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0420	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 484+00 TO "Le" 499+00

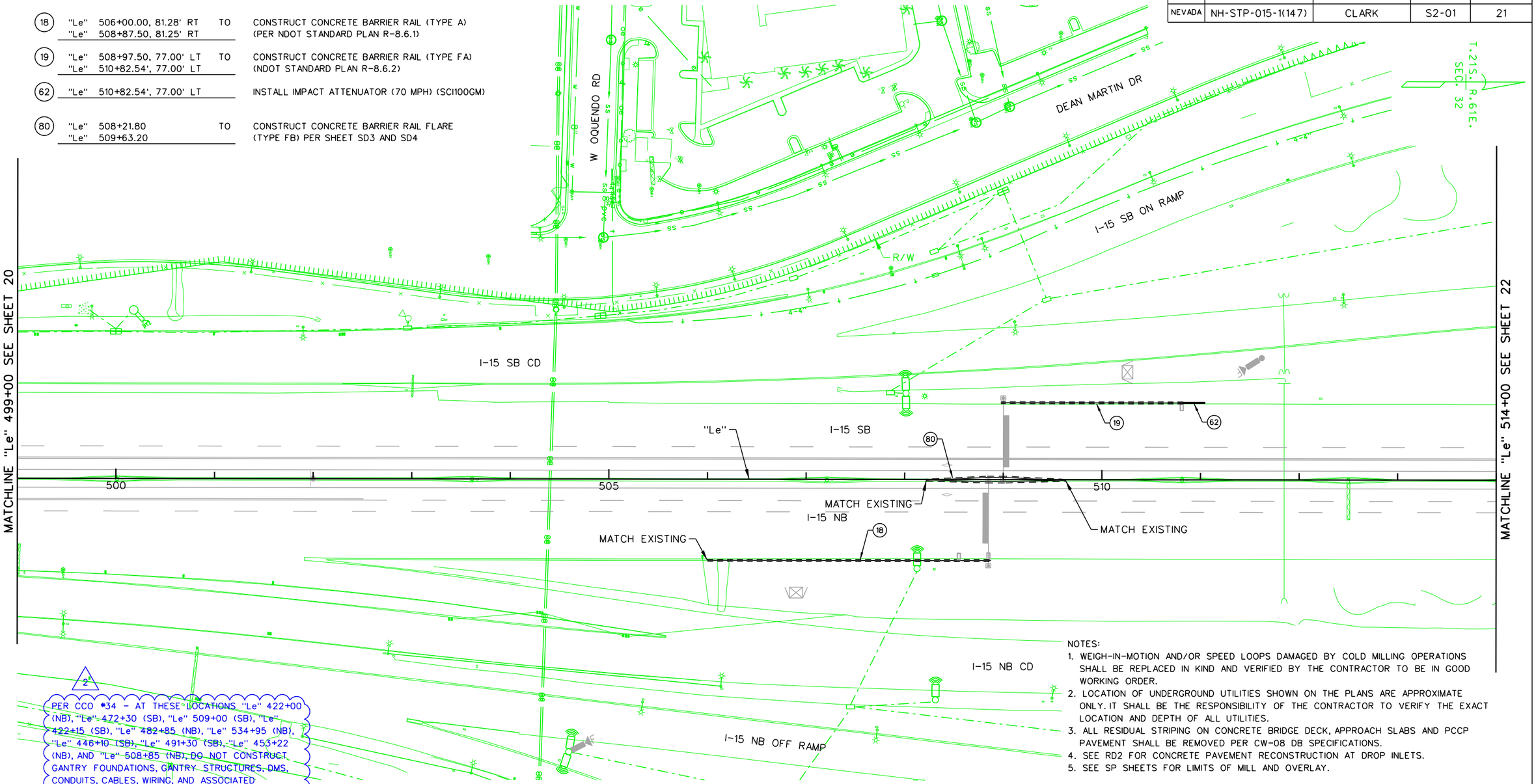
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	21

(18)	"Le"	506+00.00, 81.28' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE A)
	"Le"	508+87.50, 81.25' RT		(PER NDOT STANDARD PLAN R-8.6.1)
(19)	"Le"	508+97.50, 77.00' LT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE FA)
	"Le"	510+82.54', 77.00' LT		(NDOT STANDARD PLAN R-8.6.2)
(62)	"Le"	510+82.54', 77.00' LT		INSTALL IMPACT ATTENUATOR (70 MPH) (SCI100GM)
(80)	"Le"	508+21.80	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE
	"Le"	509+63.20		(TYPE FB) PER SHEET SD3 AND SD4



2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0421	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

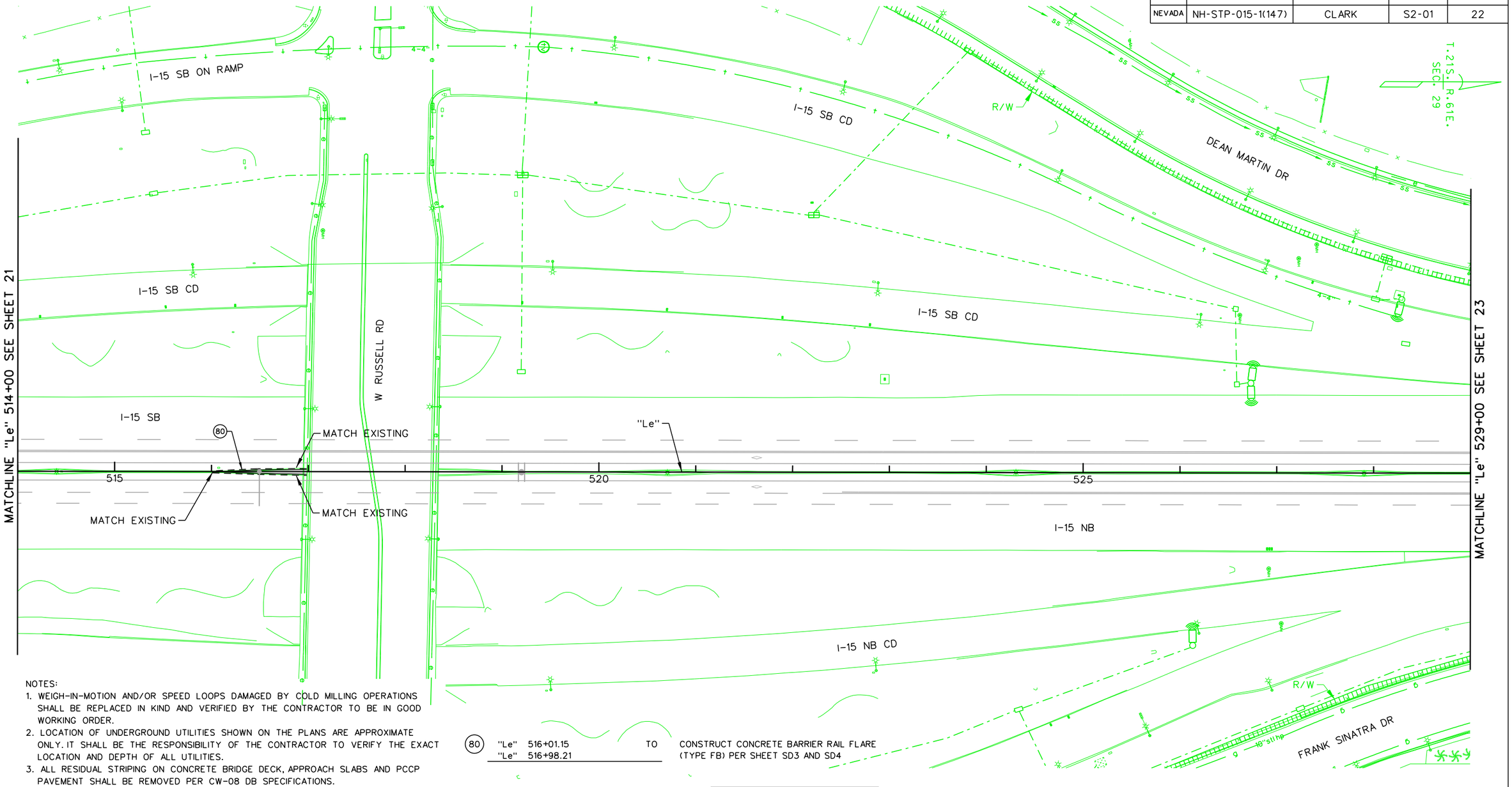
ROADWAY PLAN
"Le" 499+00 TO "Le" 514+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	22



NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

(80)	"Le" 516+01.15	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 516+98.21		

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0422	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 514+00 TO "Le" 529+00

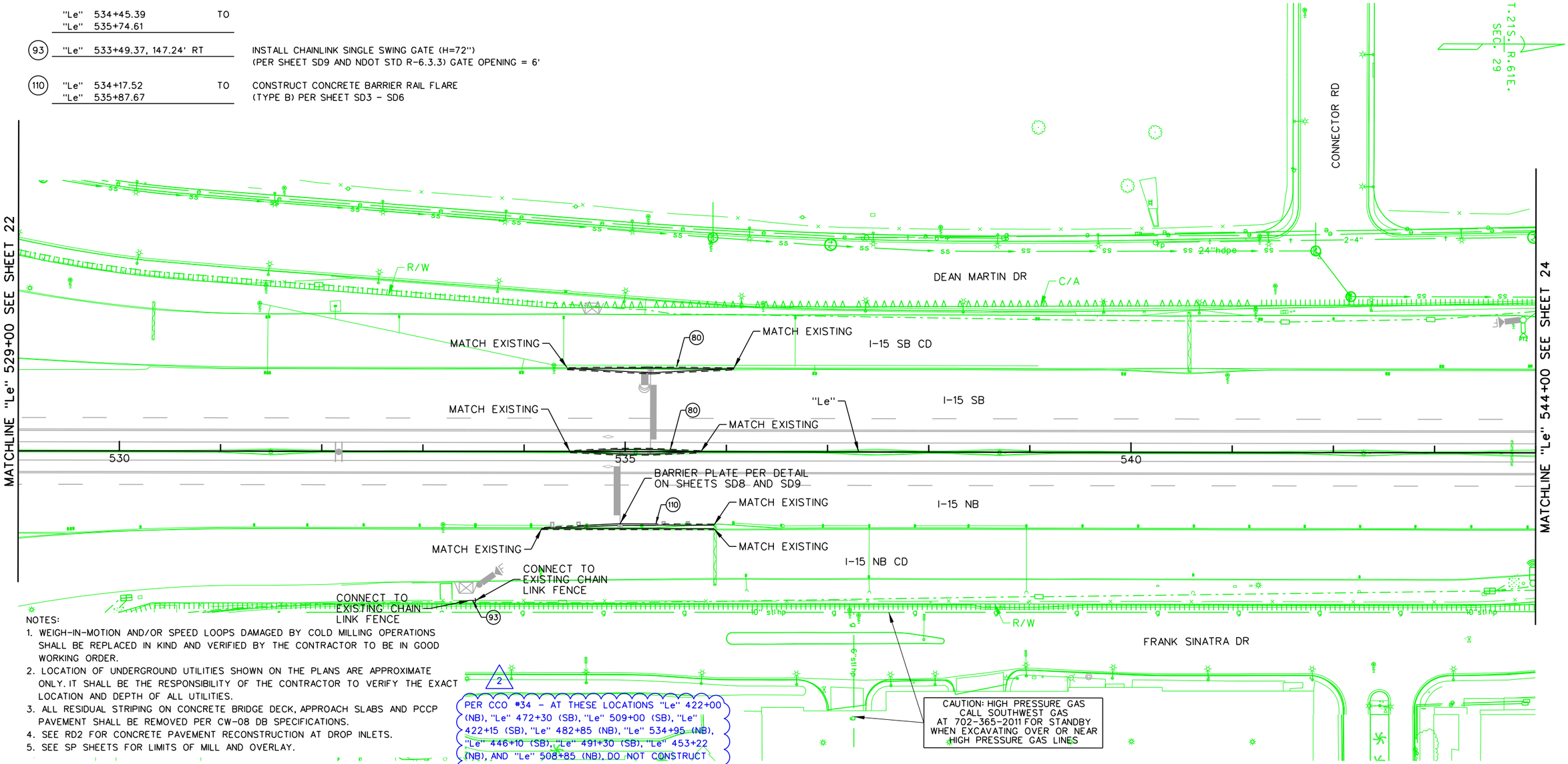
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	23

(80)	"Le" 534+42.48 "Le" 536+07.52	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 534+45.39 "Le" 535+74.61	TO	
(93)	"Le" 533+49.37, 147.24' RT		INSTALL CHAINLINK SINGLE SWING GATE (H=72") (PER SHEET SD9 AND NDOT STD R-6.3.3) GATE OPENING = 6'
(110)	"Le" 534+17.52 "Le" 535+87.67	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE B) PER SHEET SD3 - SD6



NOTES:
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2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0423	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 529+00 TO "Le" 544+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	24

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

MATCHLINE "Le" 544+00 SEE SHEET 23

MATCHLINE "Le" 546+00 SEE BELOW

HACIENDA AVE

545

W ALIBABA LN

T.21S., R.61E., SEC. 29

DEAN MARTIN DR

CONNECT TO EXISTING CHAIN LINK FENCE

CONNECT TO EXISTING CHAIN LINK FENCE

93

R/W

I-15 SB CD

MATCH EXISTING

MATCH EXISTING

SEE DETAIL ON SHEET SD6 FOR BARRIER RAIL FLARE INFORMATION NEXT TO EXISTING RETAINING WALL

110

80

MATCH EXISTING

I-15 SB

"Le"

550

555

560

MATCHLINE "Le" 546+00 SEE ABOVE

I-15 NB

I-15 NB CD

MATCH EXISTING

MATCH EXISTING

CONNECT TO EXISTING BARRIER RAIL

18

MATCH EXISTING

MATCHLINE "Le" 561+00 SEE SHEET 25

FRANK SINATRA DR

CONSTRUCT BARRIER RAIL TRANSITION SECTION PER DETAIL ON SHEET SD6

R/W

SEE SHEET ITS10 FOR CABINET LOCATION INSET

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

W RENO AVE

(18)	"Le" 555+17.17, 99.31' RT "Le" 556+02.53, 95.22' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE A) (NDOT STANDARD PLAN R-8.6.1)
(80)	"Le" 558+42.39 "Le" 559+59.61	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
(93)	"Le" 560+82.80, 151.69' LT		INSTALL CHAINLINK SINGLE SWING GATE (H=72") (PER SHEET SD9 AND NDOT STD R-6.3.3) GATE OPENING = 6'
(110)	"Le" 557+98.64 "Le" 559+39.81	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE B) PER SHEET SD3 - SD6
	"Le" 557+89.32 "Le" 560+24.68	TO	

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0424	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 544+00 TO "Le" 561+00

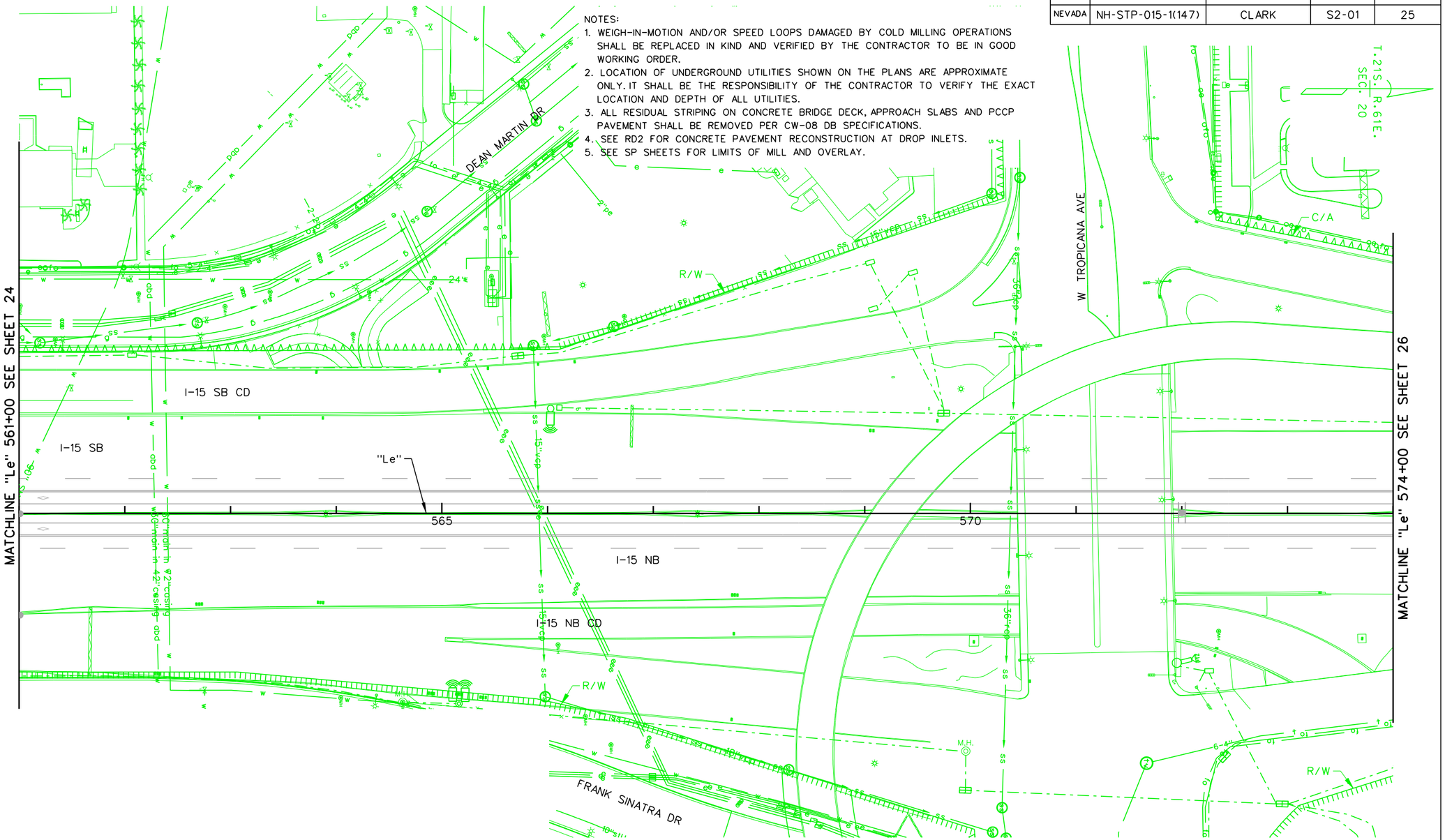
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	25

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0425	12/20/16
NO.	DESCRIPTION	DATE

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 561+00 TO "Le" 574+00

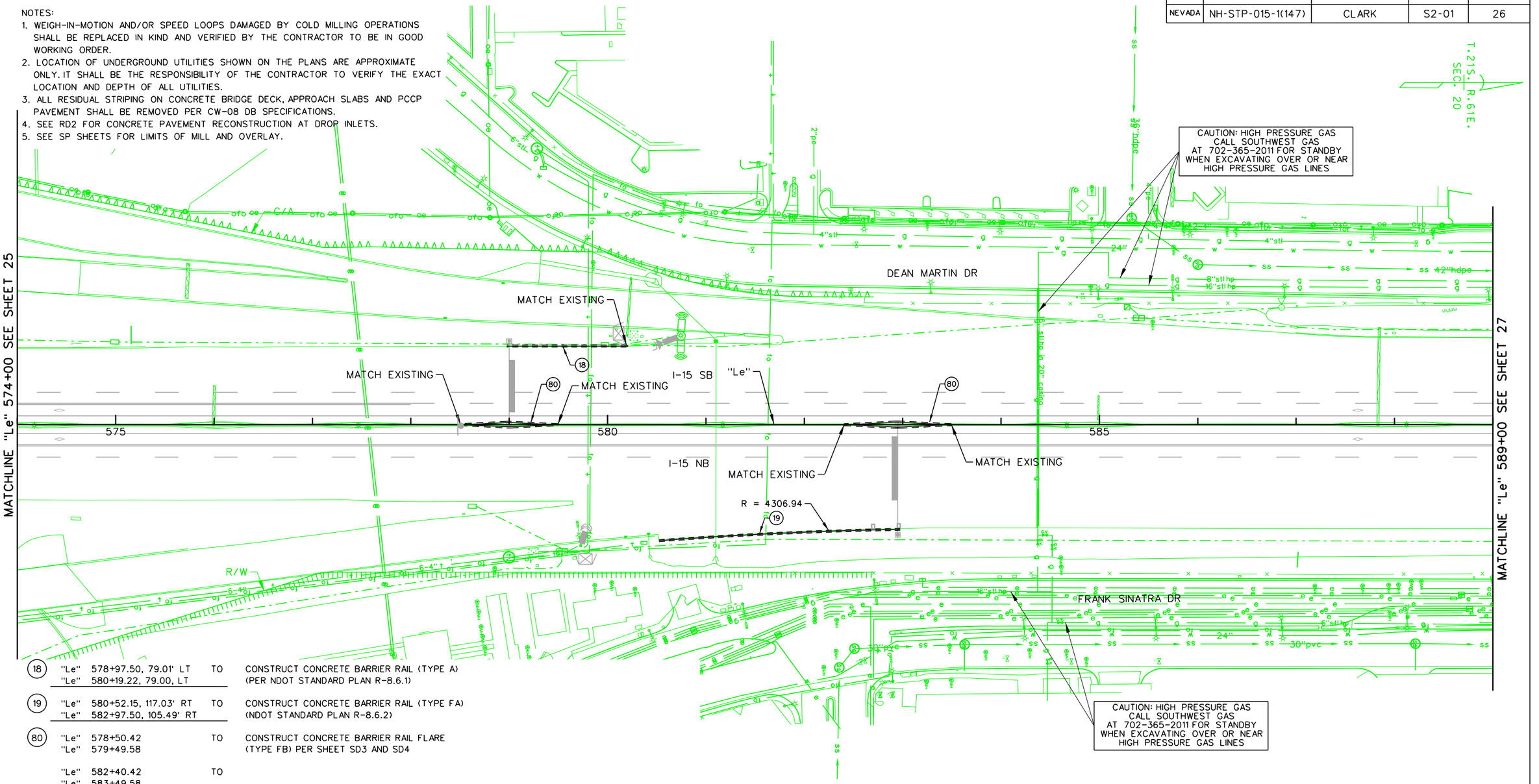
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	26

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



18	"Le" 578+97.50, 79.01' LT "Le" 580+19.22, 79.00, LT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE A) (PER NDOT STANDARD PLAN R-8.6.1)
19	"Le" 580+52.15, 117.03' RT "Le" 582+97.50, 105.49' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE FA) (NDOT STANDARD PLAN R-8.6.2)
80	"Le" 578+50.42 "Le" 579+49.58	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le" 582+40.42 "Le" 583+49.58	TO	

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0426	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 574+00 TO "Le" 589+00

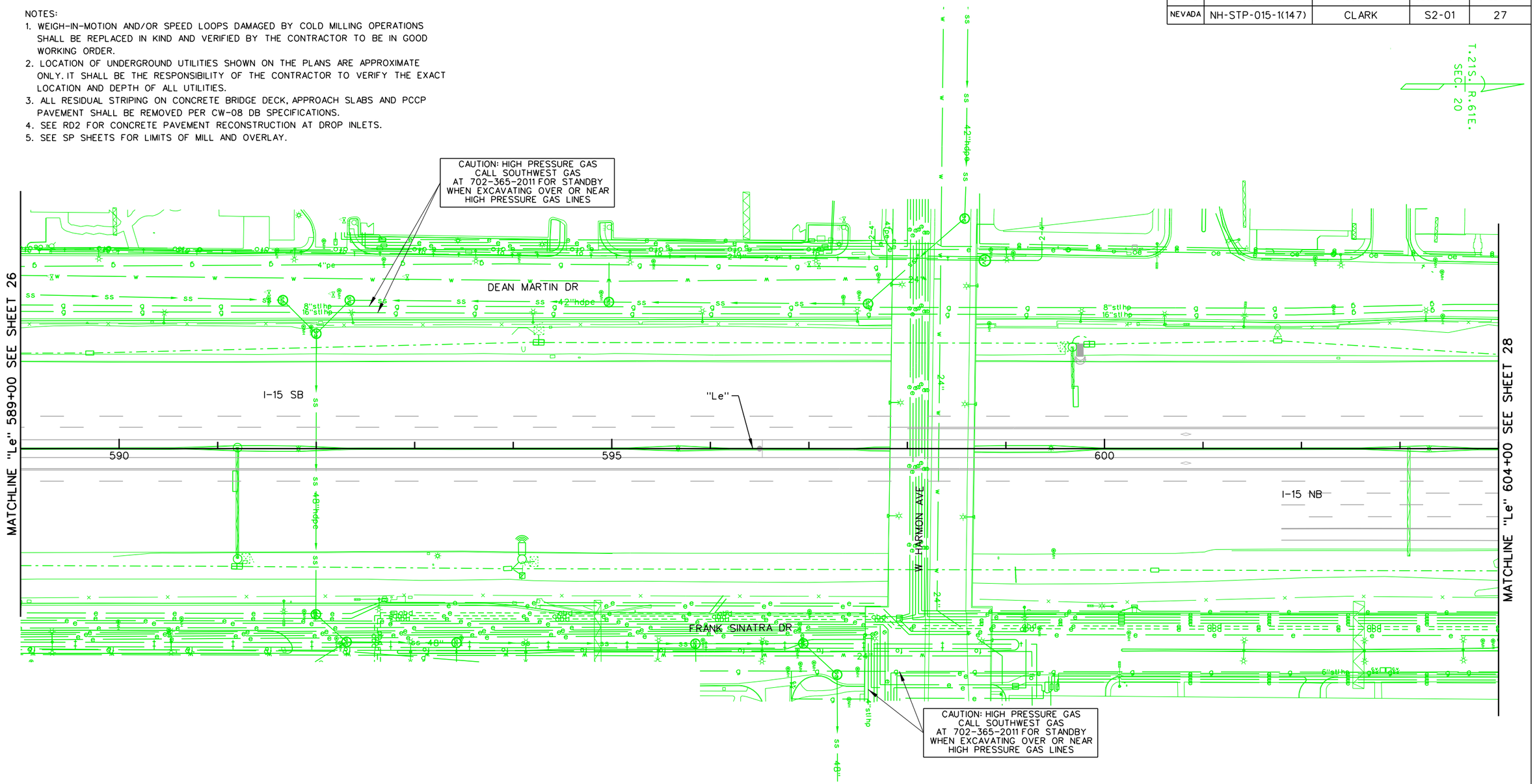
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	27

NOTES:
1. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0427	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 589+00 TO "Le" 604+00

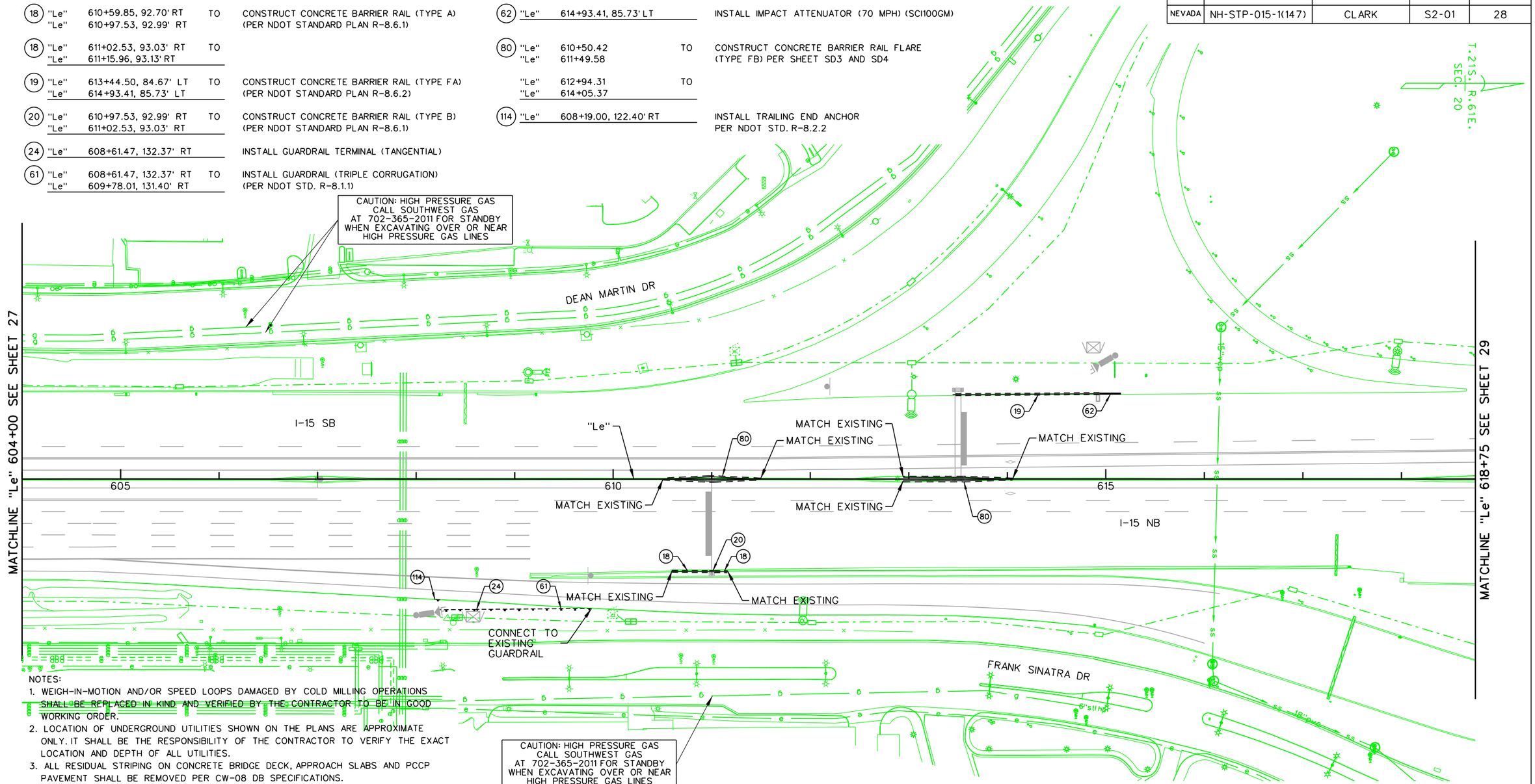
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	28

(18)	"Le"	610+59.85, 92.70' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE A) (PER NDOT STANDARD PLAN R-8.6.1)
	"Le"	610+97.53, 92.99' RT		
(18)	"Le"	611+02.53, 93.03' RT	TO	
	"Le"	611+15.96, 93.13' RT		
(19)	"Le"	613+44.50, 84.67' LT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE FA) (PER NDOT STANDARD PLAN R-8.6.2)
	"Le"	614+93.41, 85.73' LT		
(20)	"Le"	610+97.53, 92.99' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE B) (PER NDOT STANDARD PLAN R-8.6.1)
	"Le"	611+02.53, 93.03' RT		
(24)	"Le"	608+61.47, 132.37' RT		INSTALL GUARDRAIL TERMINAL (TANGENTIAL)
(61)	"Le"	608+61.47, 132.37' RT	TO	INSTALL GUARDRAIL (TRIPLE CORRUGATION) (PER NDOT STD. R-8.1.1)
	"Le"	609+78.01, 131.40' RT		
(62)	"Le"	614+93.41, 85.73' LT		INSTALL IMPACT ATTENUATOR (70 MPH) (SCI100GM)
(80)	"Le"	610+50.42	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4
	"Le"	611+49.58		
	"Le"	612+94.31	TO	
	"Le"	614+05.37		
(114)	"Le"	608+19.00, 122.40' RT		INSTALL TRAILING END ANCHOR PER NDOT STD. R-8.2.2



NOTES:
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3. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0428	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 604+00 TO "Le" 618+75

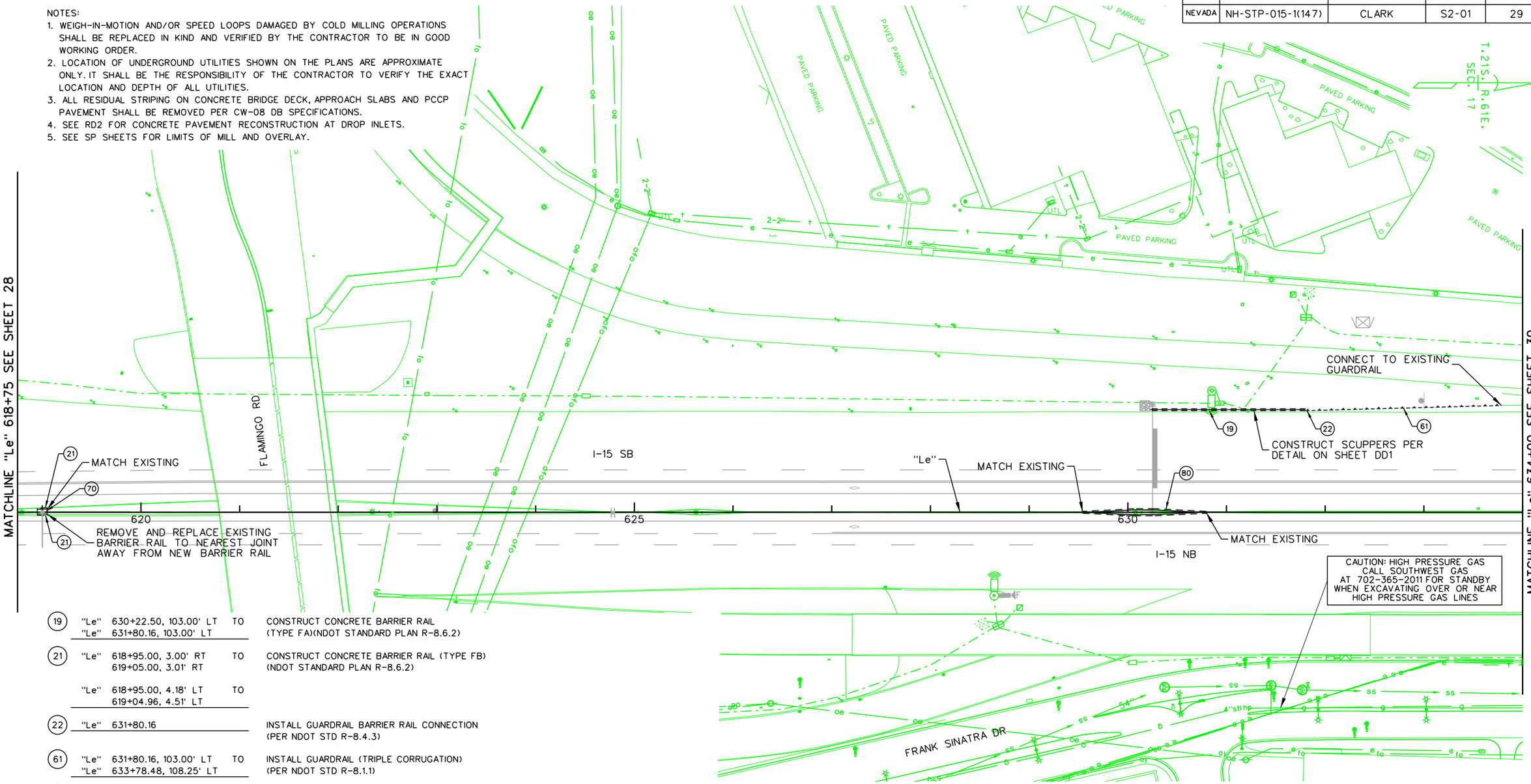
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	29

NOTES:
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5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.



CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

(19)	"Le" 630+22.50, 103.00' LT "Le" 631+80.16, 103.00' LT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE FA)(NDOT STANDARD PLAN R-8.6.2)
(21)	"Le" 618+95.00, 3.00' RT 619+05.00, 3.01' RT	TO	CONSTRUCT CONCRETE BARRIER RAIL (TYPE FB) (NDOT STANDARD PLAN R-8.6.2)
	"Le" 618+95.00, 4.18' LT 619+04.96, 4.51' LT	TO	
(22)	"Le" 631+80.16		INSTALL GUARDRAIL BARRIER RAIL CONNECTION (PER NDOT STD R-8.4.3)
(61)	"Le" 631+80.16, 103.00' LT "Le" 633+78.48, 108.25' LT	TO	INSTALL GUARDRAIL (TRIPLE CORRUGATION) (PER NDOT STD R-8.1.1)
(70)	"Le" 618+95.00 "Le" 619+05.00	TO	CONSTRUCT CONCRETE ISLAND PAVING (PER NDOT STD R-8.6.2)
(80)	"Le" 629+54.19 "Le" 630+79.61	TO	CONSTRUCT CONCRETE BARRIER RAIL FLARE (TYPE FB) PER SHEET SD3 AND SD4

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0429	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 618+75 TO "Le" 634+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	30

NOTES:
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4. SEE RD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.
5. SEE SP SHEETS FOR LIMITS OF MILL AND OVERLAY.

T.21S. R.61E. SEC. 17

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

DEAN MARTIN DR

I-15 SB

I-15 NB

UPRR

R/W

"Le"

635

640

645

EXISTING ITS GANTRY PER DESIGN UNIT CW-12

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

FRANK SINATRA DR

MATCHLINE "Le" 634+00 SEE SHEET 29

MATCHLINE "Le" 649+00 SEE SHEET 31

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT0430	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 634+00 TO "Le" 649+00

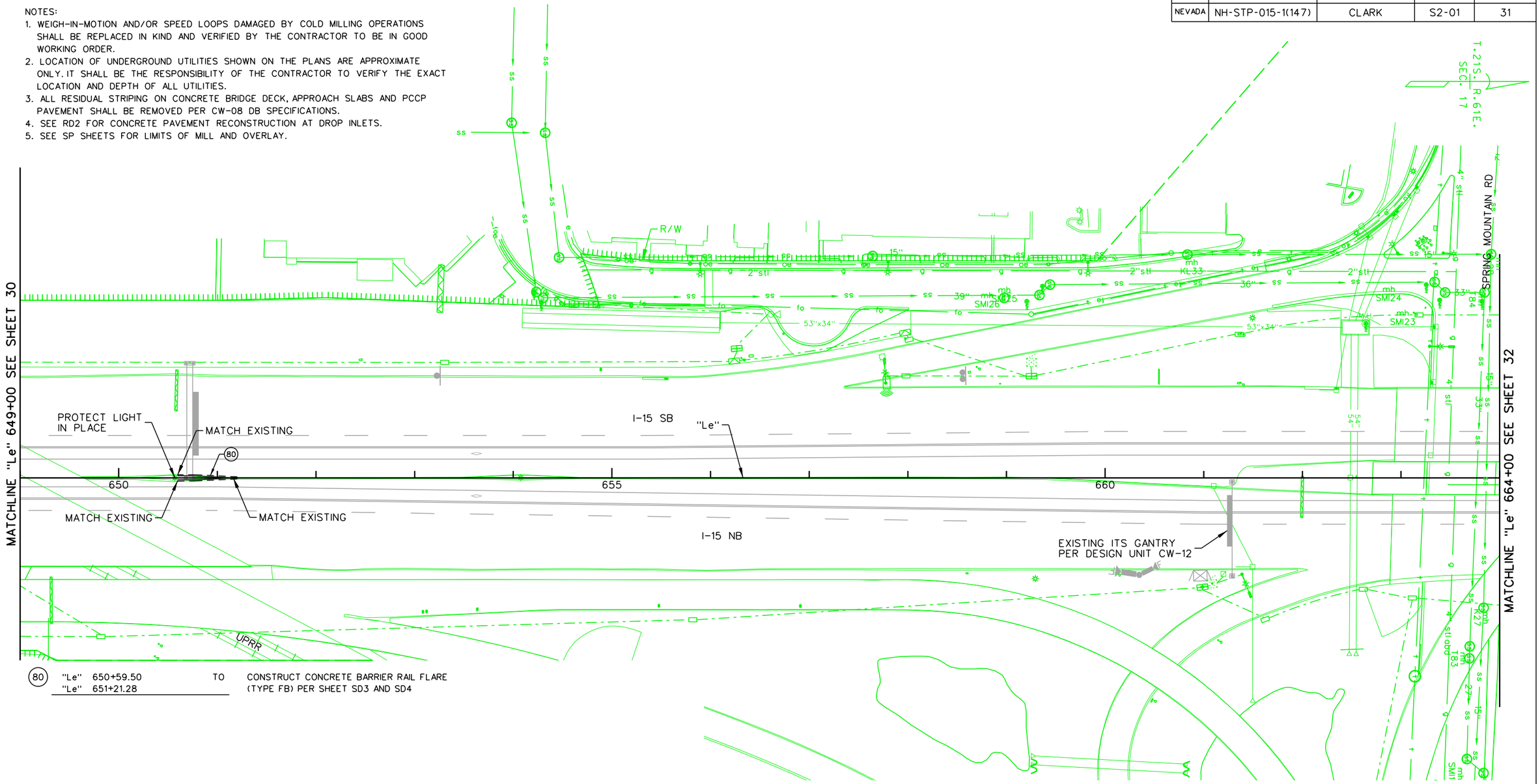
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	31

NOTES:
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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0431	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 649+00 TO "Le" 664+00

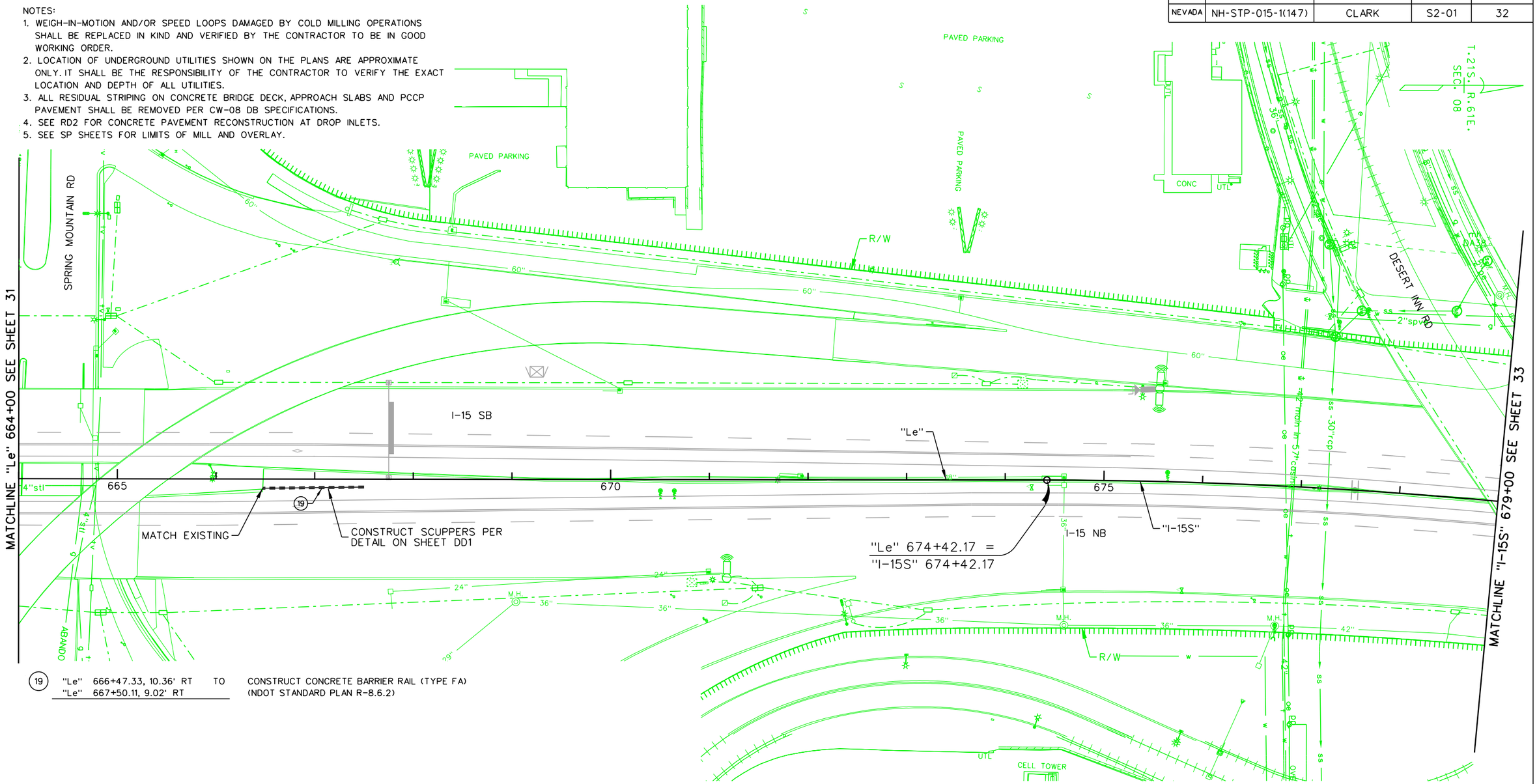
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	32

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(19) "Le" 666+47.33, 10.36' RT TO "Le" 667+50.11, 9.02' RT — CONSTRUCT CONCRETE BARRIER RAIL (TYPE FA) (NDOT STANDARD PLAN R-8.6.2)

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT0432	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
"Le" 664+00 TO "I-15S" 679+00

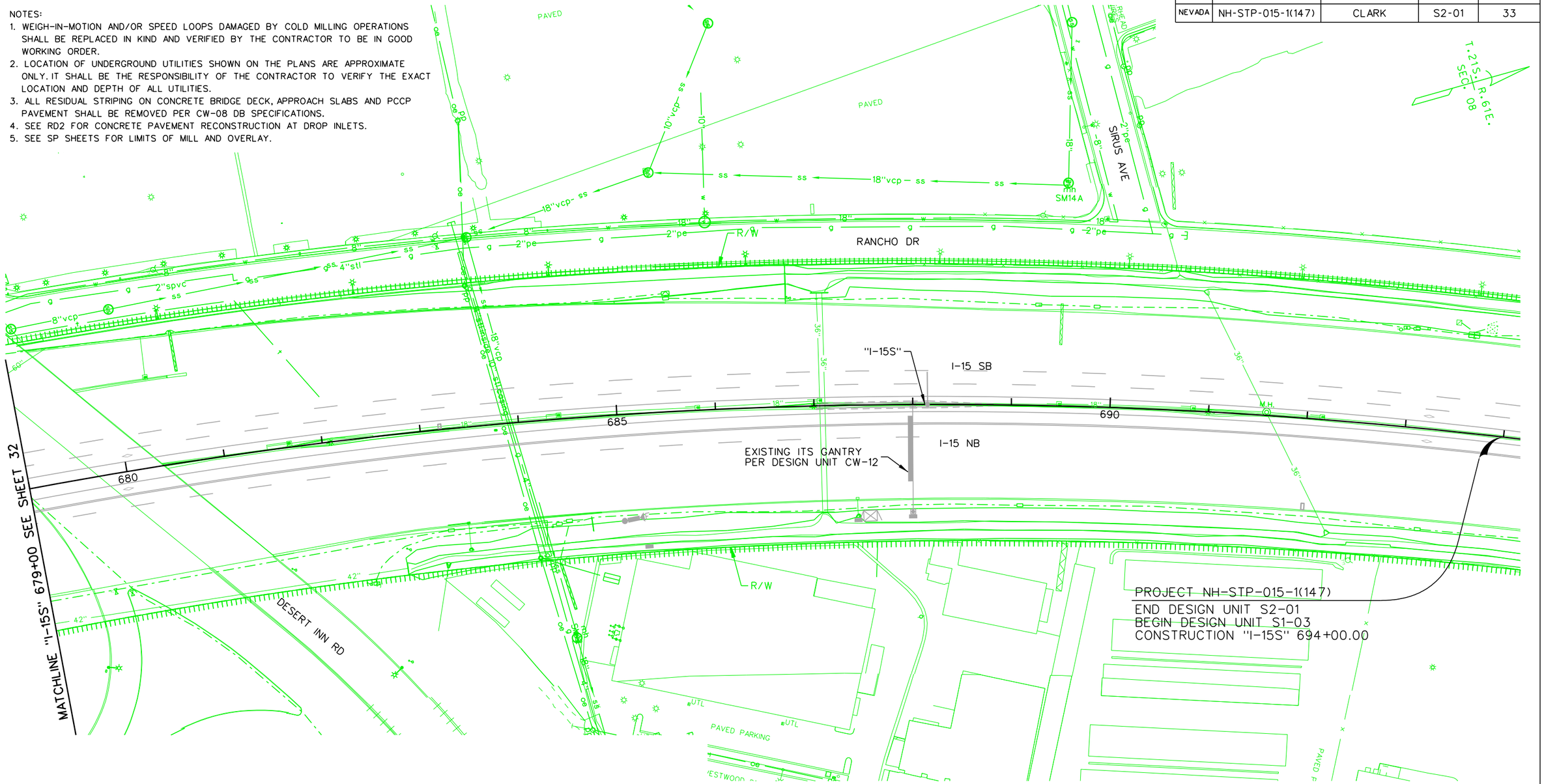
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	33

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

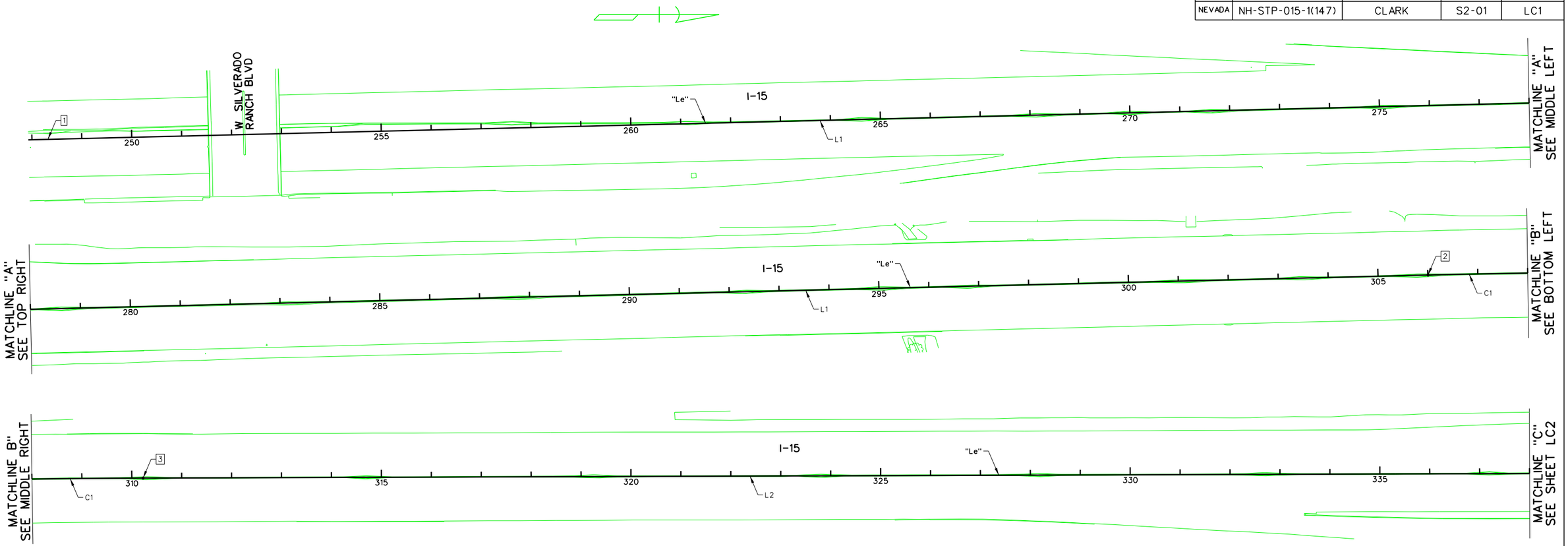
ROADWAY PLAN
"I-15S" 679+00 TO "I-15S" 694+00

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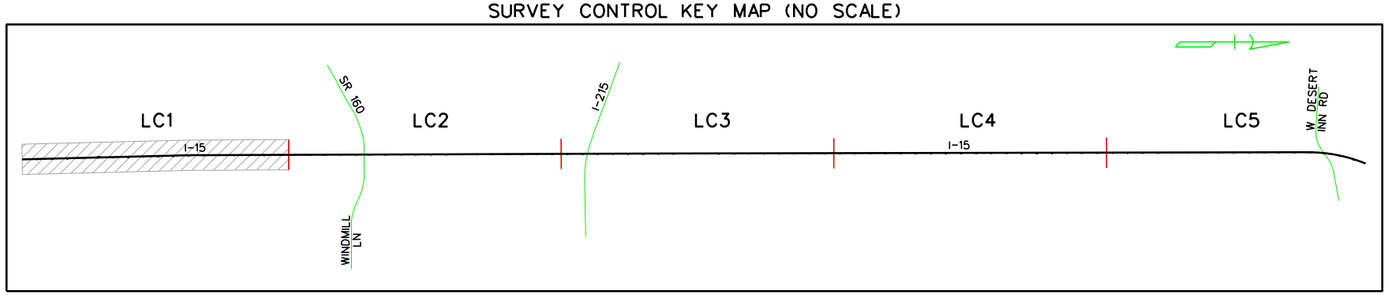
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LC1



SURVEY CONTROL KEY MAP (NO SCALE)



VERTICAL DATUM: ELEVATIONS ARE BASED UPON HOLDING PUBLISHED NDOT AND USC&GS CONTROL POINTS 710002M, 710003M, 71008M, 761002M AND 744009M AS FIXED.

BEARING SOURCE: STATE PLANE COORDINATES NAD 83 NEVADA EAST. ADJUSTED TO NDOT CONTROL POINTS 710002M, 710003M, 710008M, 710011M, 744003M AND 761015M

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT08LC01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

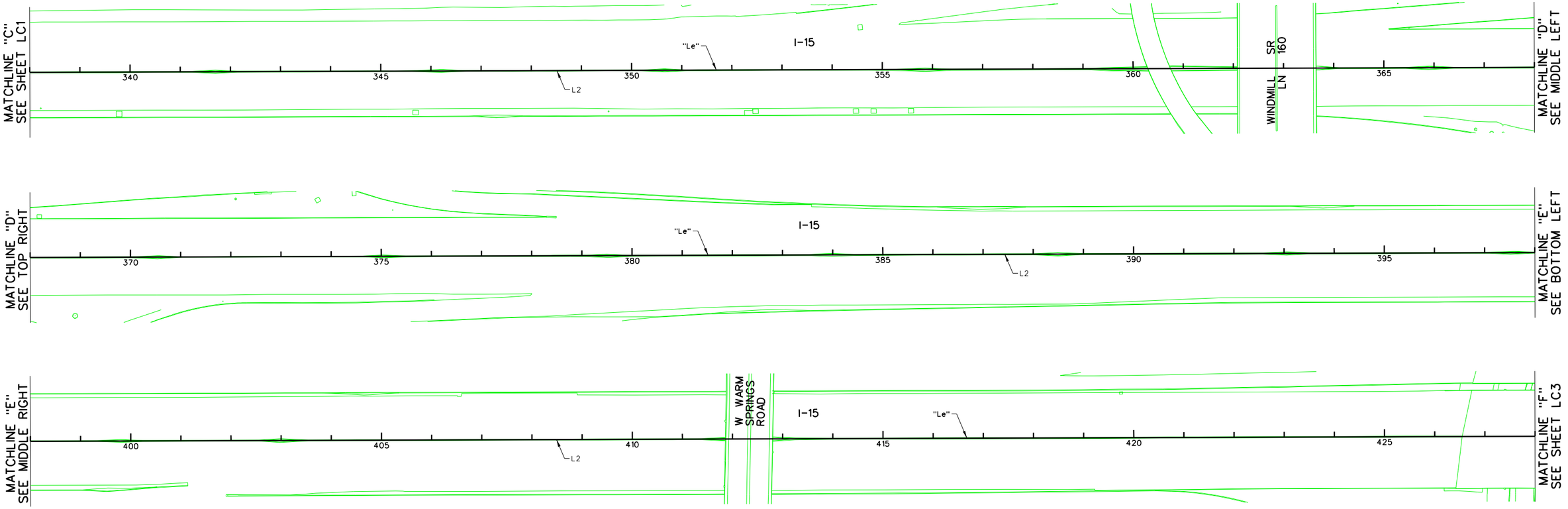
SURVEY CONTROL PLAN
1 OF 5

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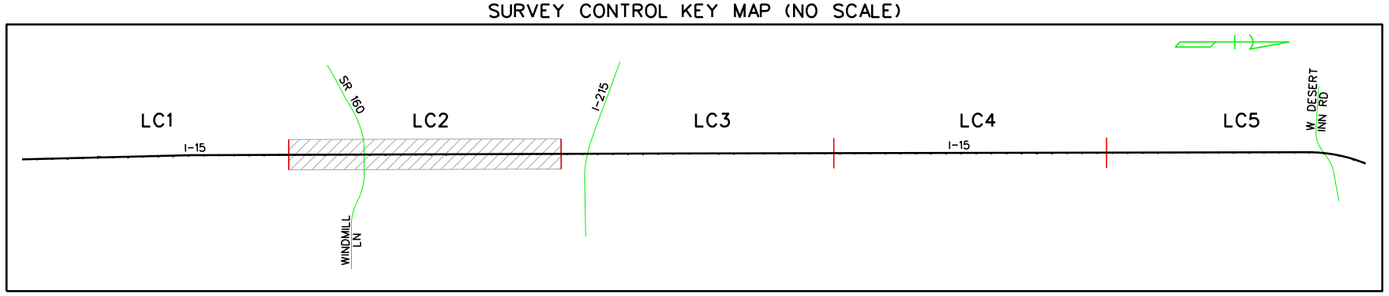
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LC2



SURVEY CONTROL KEY MAP (NO SCALE)



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT08LC02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

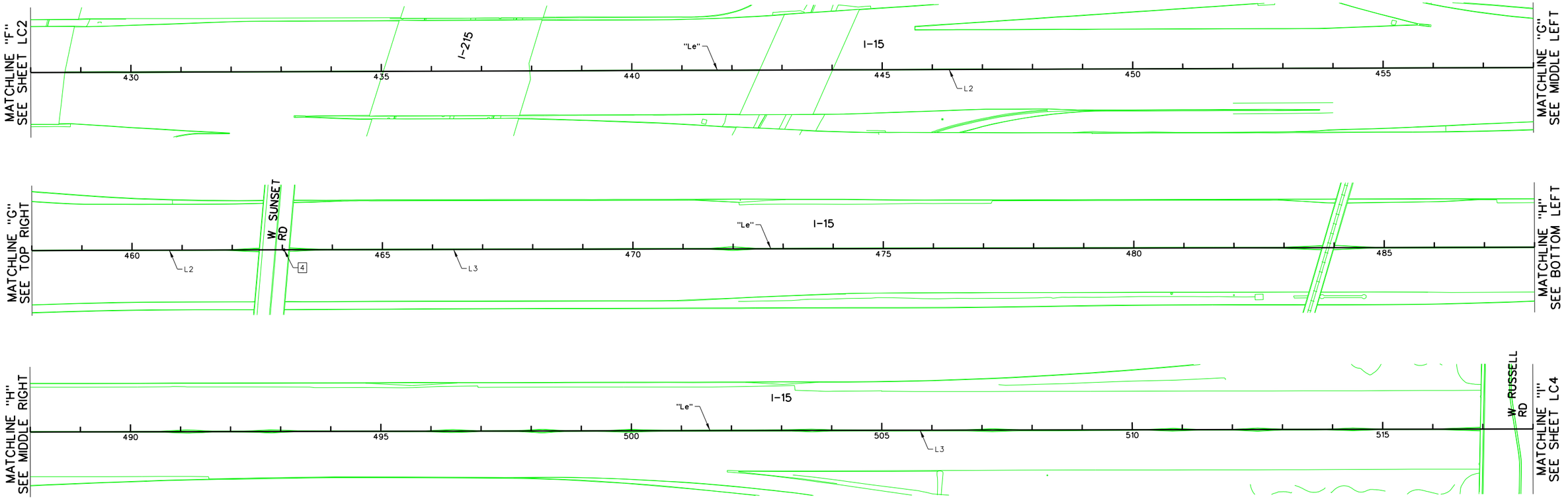
SURVEY CONTROL PLAN
2 OF 5

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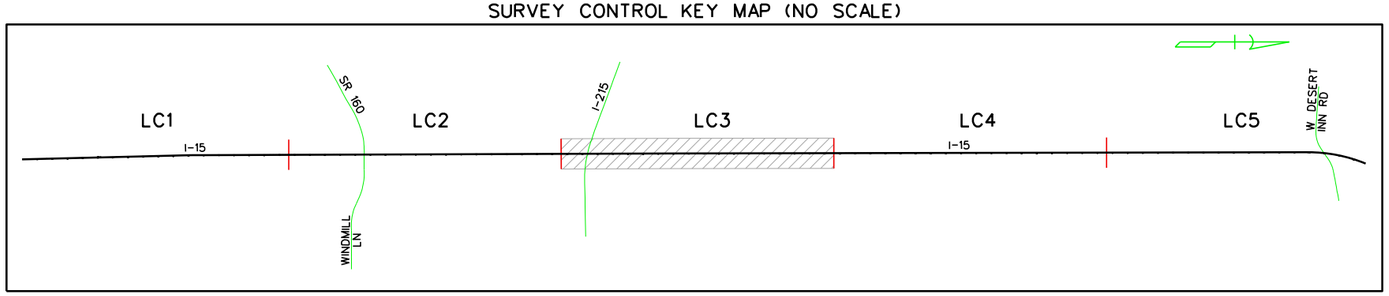
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LC3



SURVEY CONTROL KEY MAP (NO SCALE)



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT08LC03	12/20/16

DESIGN UNIT S2-01

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STATE OF NEVADA
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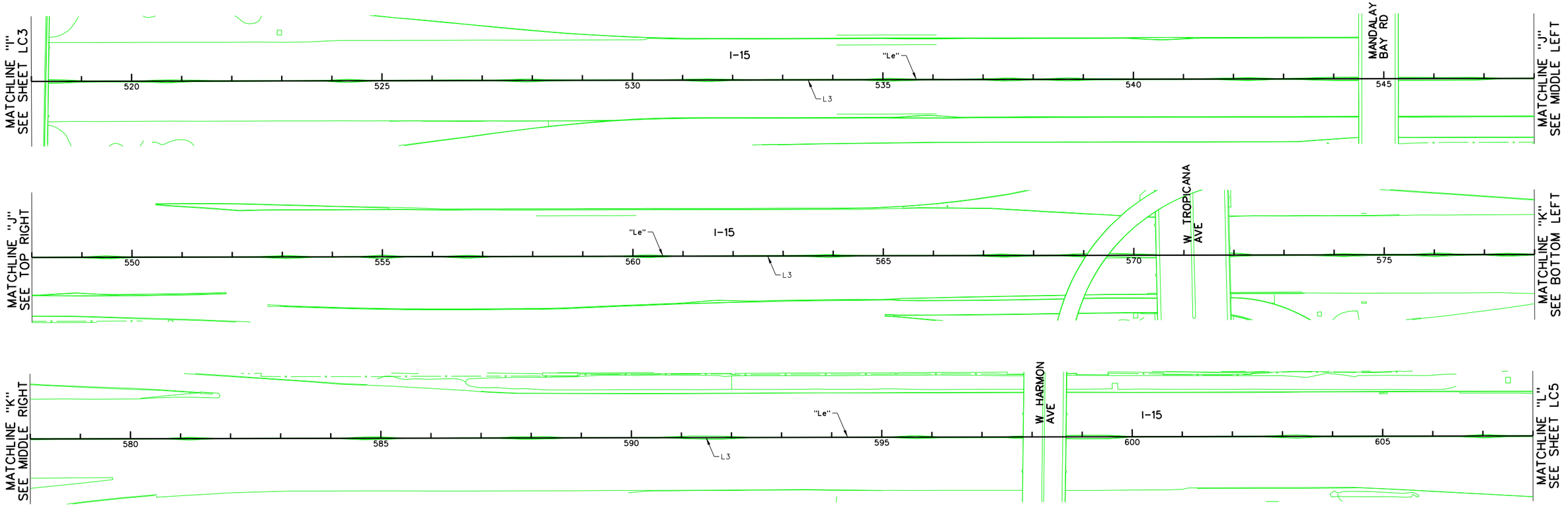
SURVEY CONTROL PLAN
3 OF 5

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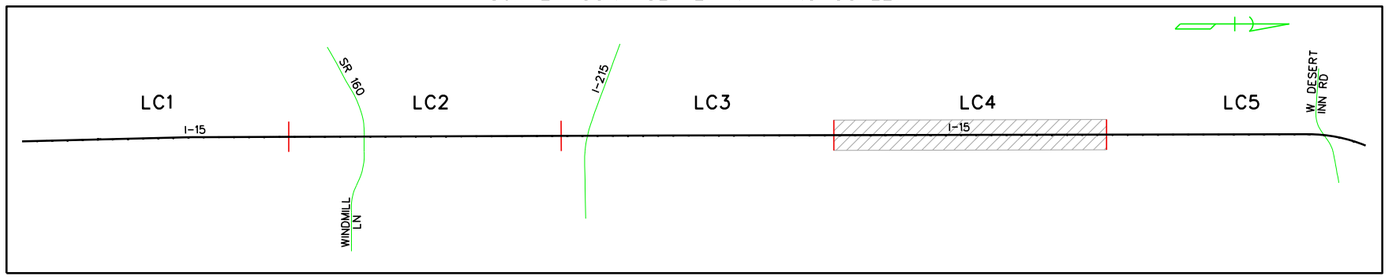
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LC4



SURVEY CONTROL KEY MAP (NO SCALE)



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT08LC04	12/20/16

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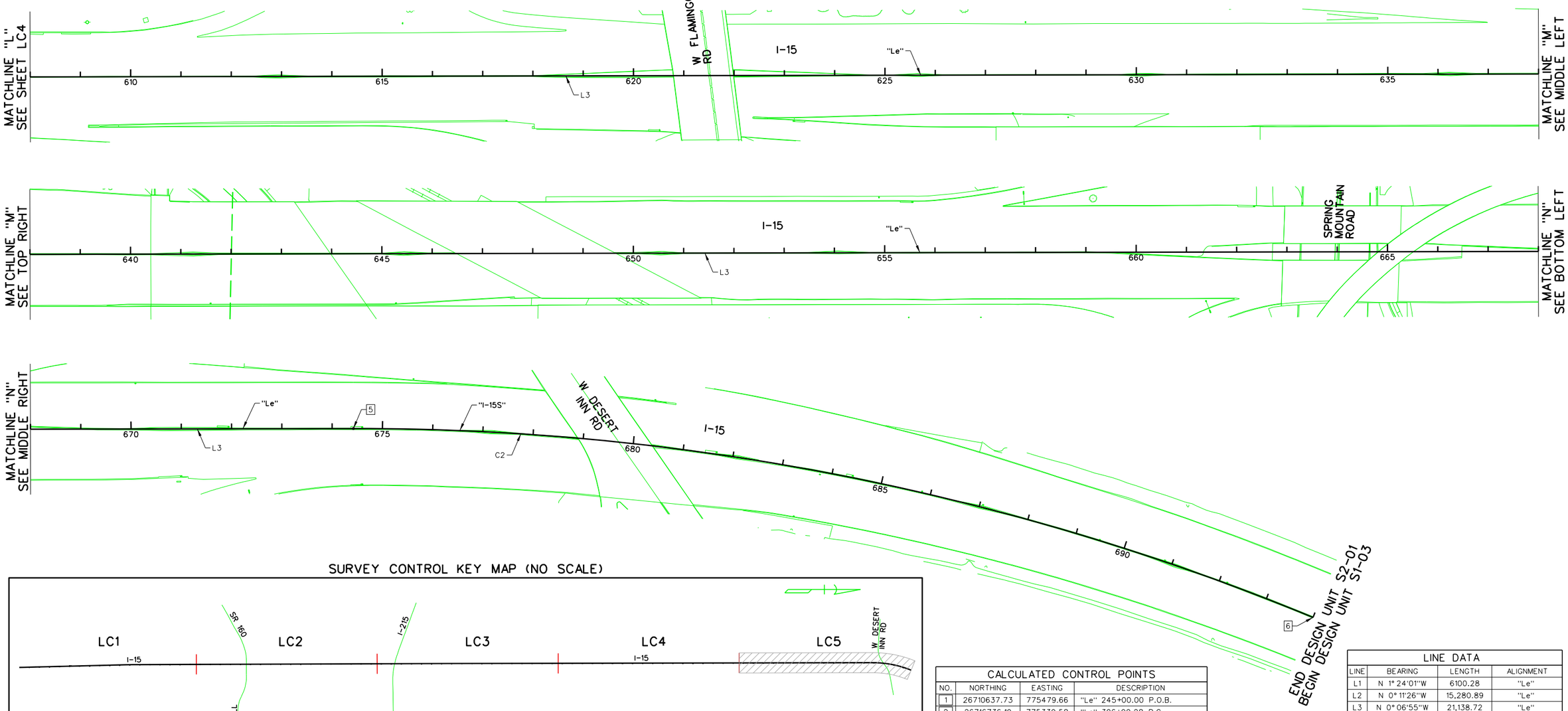
SURVEY CONTROL PLAN
4 OF 5

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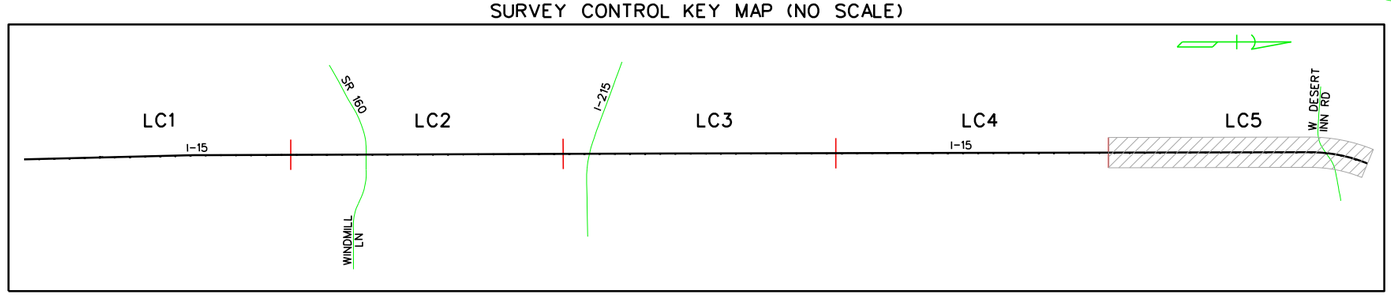
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LC5



SURVEY CONTROL KEY MAP (NO SCALE)



CALCULATED CONTROL POINTS			
NO.	NORTHING	EASTING	DESCRIPTION
1	26710637.73	775479.66	"Le" 245+00.00 P.O.B.
2	26716736.19	775330.58	"Le" 306+00.28 P.C.
3	26717158.42	775324.72	"Le" 310+22.56 P.T.
4	26732439.23	775273.90	"Le" 463+03.45 P.I.
5	26753577.91	775231.37	"Le" 674+42.17 P.C. =
			"I-15S" 674+42.17 P.O.B.
6	26753577.91	775231.37	"I-15S" 694+00.00 P.O.C.

LINE DATA			
LINE	BEARING	LENGTH	ALIGNMENT
L1	N 1° 24'01"W	6100.28	"Le"
L2	N 0° 11'26"W	15,280.89	"Le"
L3	N 0° 06'55"W	21,138.72	"Le"

CURVE DATA					
CURVE	RADIUS	LENGTH	TANGENT	DELTA	ALIGNMENT
C1	20,000.00	422.28	211.14	1° 12'35"	"Le"
C2	4986.61	1957.83	991.68	22° 29'43"	"I-15S"

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT08LC05	12/20/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

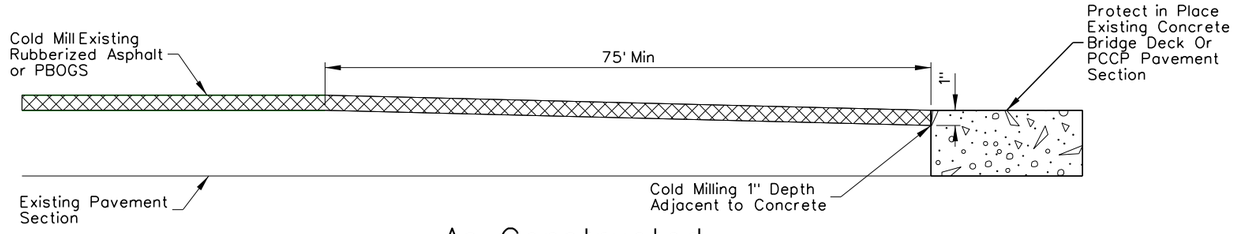
SURVEY CONTROL PLAN
5 OF 5

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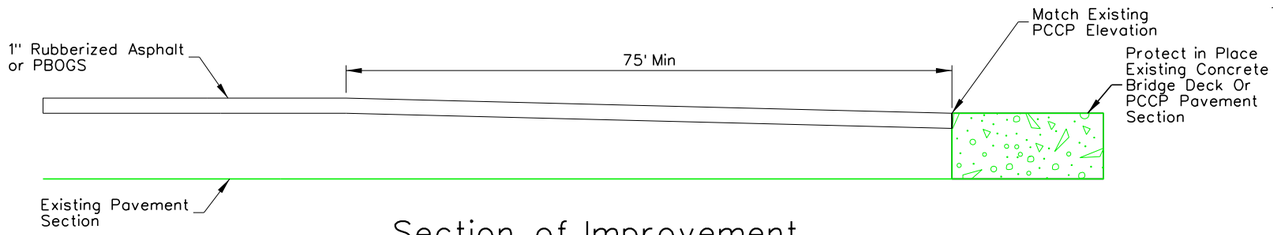
DESIGNED BY	JA
DRAWN BY	MA
CHECKED BY	TC
REVIEWED BY	EL

2/5/2020
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD1

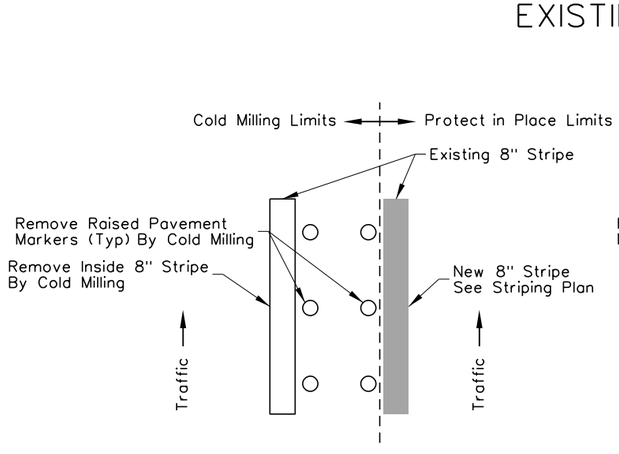


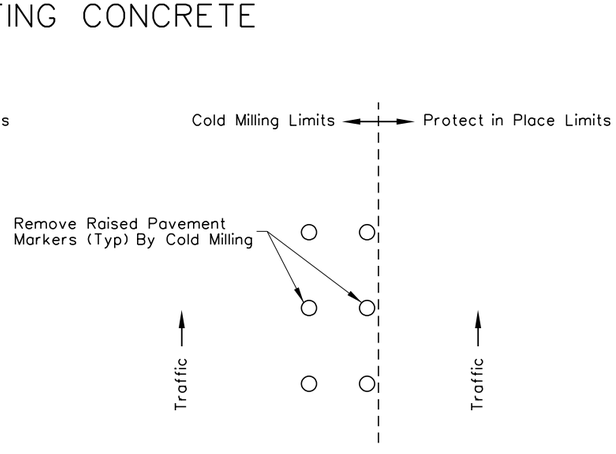
As Constructed



Section of Improvement

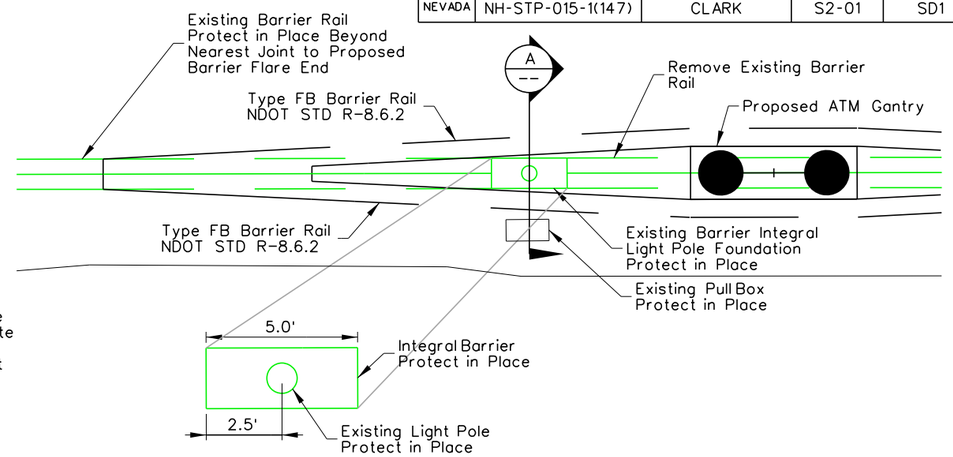
LONGITUDINAL CROSS SECTION COLD MILLING LIMITS AT EXISTING CONCRETE

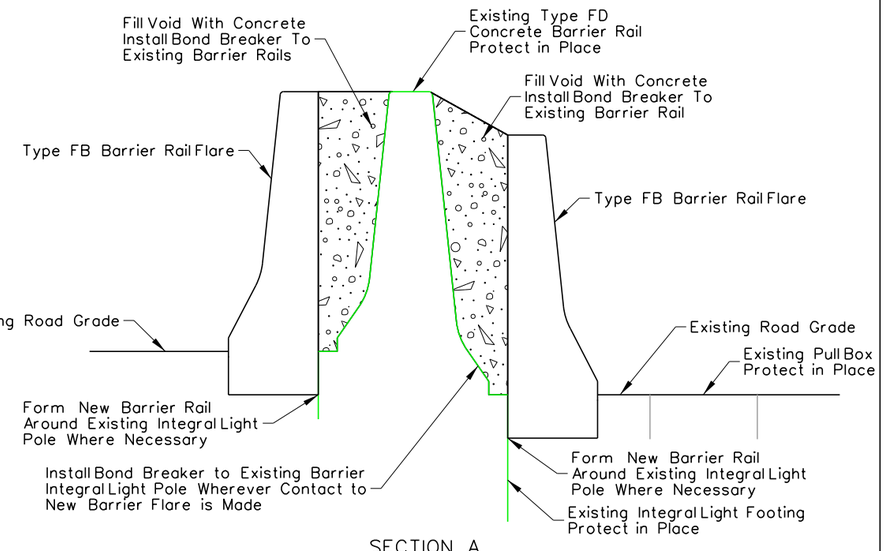




South Bound "Le" 678+00 to "Le" 694+00
Remove Raised Pavement Markers by Cold Milling

EXISTING EXPRESS LANE STRIPING REMOVAL LIMITS





SECTION A

Note: SECTION A Depicts Final Shape Of Barrier Flare At Existing Light Integral Barrier. Barrier Flare And Concrete Filled Void At Existing Light Integral Barrier To Be Constructed With One Continuous Pour.

MEDIAN FLARE AT EXISTING INTEGRAL LIGHT POLE "Le" 491+00 LT SOUTH BOUND OUTSIDE SHOULDER

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

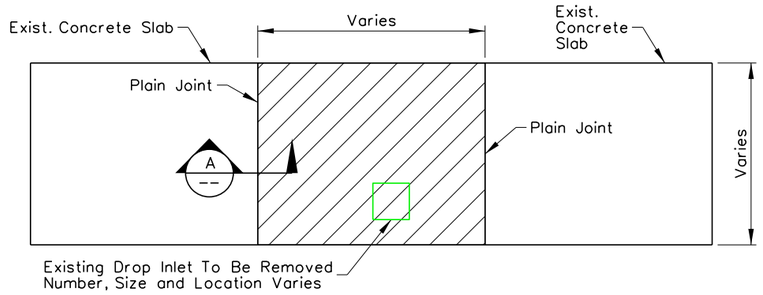
SPECIAL DETAILS
MISC DETAILS

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Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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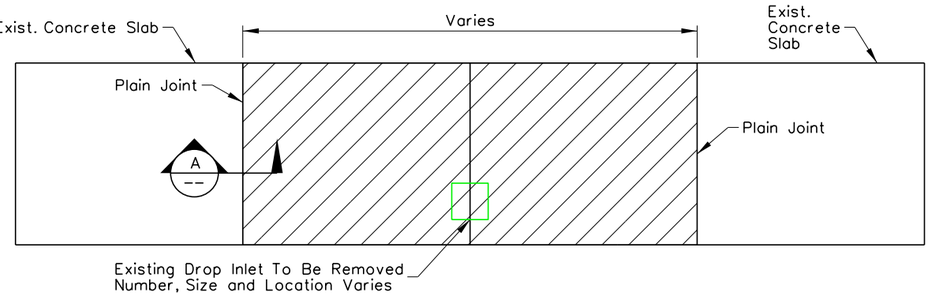
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DRAWN BY	RW
CHECKED BY	NC
REVIEWED BY	EL

7/31/2019
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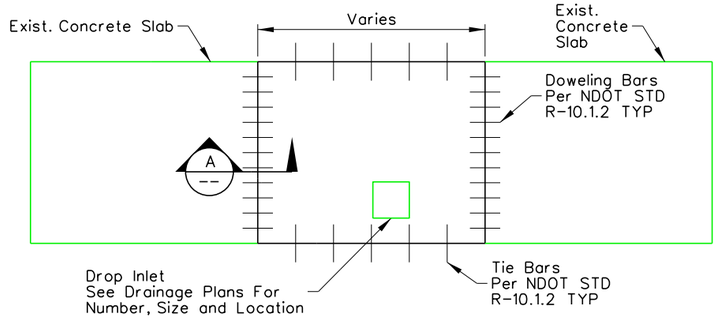
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD2



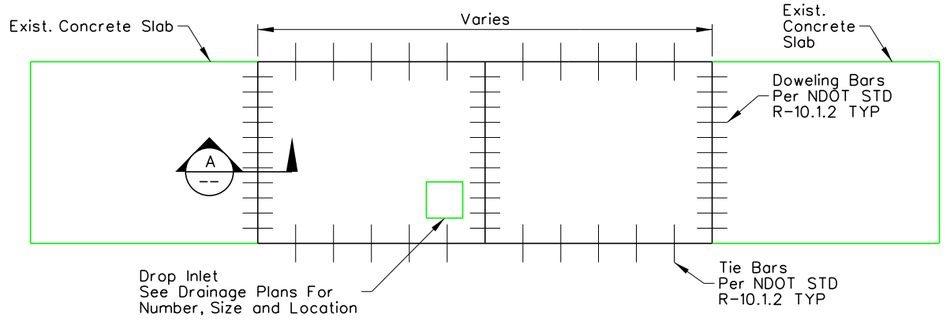
CASE 1 – EXISTING DROP INLET ENTIRELY IN ONE CONCRETE SLAB



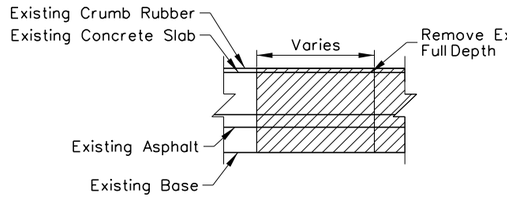
CASE 2 – EXISTING DROP INLET STRADDLING TWO CONCRETE SLABS



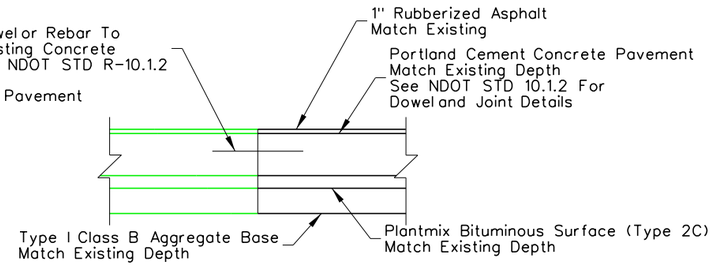
CASE 1 – NEW DROP INLET ENTIRELY IN ONE CONCRETE SLAB



CASE 2 – NEW DROP INLET STRADDLING TWO CONCRETE SLABS



AS CONSTRUCTED
SECTION A



SECTION OF IMPROVEMENT
SECTION A

NOTES:

1. SEE NDOT STD R-10.1.1 AND NDOT STD R-10.1.2 FOR ADDITIONAL INFORMATION AND INFORMATION NOT SHOWN
2. IF NEW DROP INLET IS LOCATED PARTIALLY OR WHOLLY IN A CONCRETE SLAB NOT REMOVED BY THE AS CONSTRUCTED DETAIL, REMOVE AND REPLACE THE ENTIRE CONCRETE SLAB.

EXISTING ROADWAY CONCRETE SLAB REMOVAL AND REPLACEMENT FOR DROP INLET RELOCATION

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

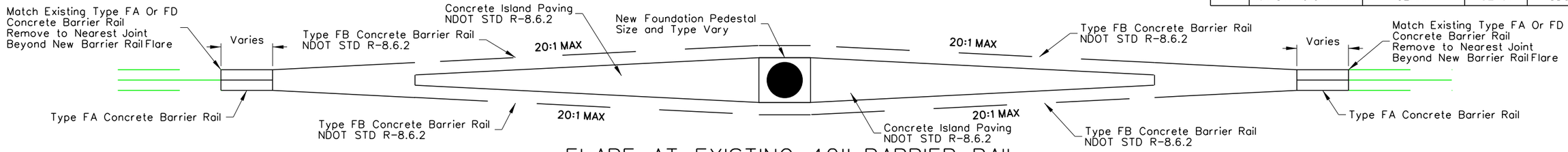
SPECIAL DETAILS
CONCRETE REPLACEMENT

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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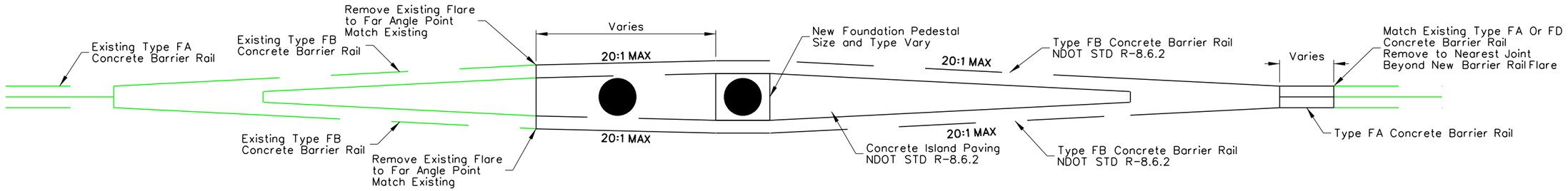
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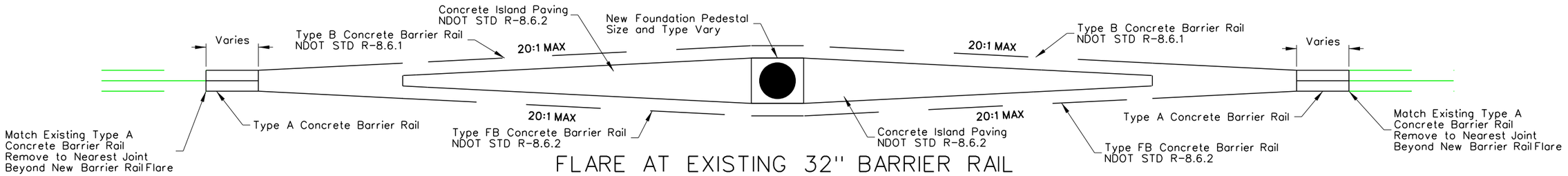
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD3



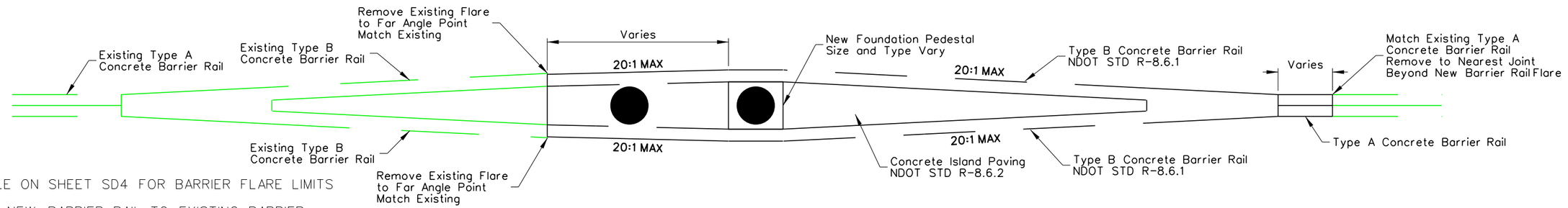
FLARE AT EXISTING 42" BARRIER RAIL



FLARE AT EXISTING 42" BARRIER RAIL FLARE



FLARE AT EXISTING 32" BARRIER RAIL



FLARE AT EXISTING 32" BARRIER RAIL FLARE

NOTES:

1. SEE TABLE ON SHEET SD4 FOR BARRIER FLARE LIMITS
2. CONNECT NEW BARRIER RAIL TO EXISTING BARRIER RAIL PER NDOT STD R-8.6.3.
3. FLARE TAPER SHALL BE A MINIMUM OF 20:1 ON APPROACH SIDE OF FLARE

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD03	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS
MEDIAN FLARE DETAILS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD4

BARRIER FLARE – NDOT STANDARD PLAN R-8.6.2

NEW ITEM	BARRIER TYPE	FACE OF BARRIER AT FLARE BEGINNING			FACE OF BARRIER AT OBSTRUCTION BEGINNING			FACE OF BARRIER AT OBSTRUCTION END			FACE OF BARRIER AT FLARE END			EXISTING BARRIER AT FLARE BEGINNING	EXISTING BARRIER AT FLARE END
		STATION	LT BARRIER FACE	RT BARRIER FACE	STATION	LT BARRIER FACE	RT BARRIER FACE	STATION	LT BARRIER FACE	RT BARRIER FACE	STATION	LT BARRIER FACE	RT BARRIER FACE		
I-15 FREEWAY CENTER BARRIER FLARES															
DMS 1,2	FB	"Le" 421+45.39	1.00' LT	1.00' RT	"Le" 421+97.50	3.60' LT	3.60' RT	"Le" 422+17.50	3.60' LT	3.60' RT	"Le" 423+02.90	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 3	FB	"Le" 445+60.39	1.00' LT	1.00' RT	"Le" 446+07.50	3.35' LT	3.35' RT	"Le" 446+12.50	3.35' LT	3.35' RT	"Le" 446+59.61	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 4	FB	"Le" 452+72.39	1.00' LT	1.00' RT	"Le" 453+19.50	3.35' LT	3.35' RT	"Le" 453+24.50	3.35' LT	3.35' RT	"Le" 453+71.61	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 5	FB	"Le" 471+97.87	3.36' LT	2.96' RT	"Le" 472+27.50	3.61' LT	3.09' RT	"Le" 472+32.50	3.61' LT	3.09' RT	"Le" 472+79.95	1.28' LT	0.72' RT	TYPE FB (FLARE)	TYPE FA
DMS 6	FB	"Le" 482+40.72	1.00' LT	1.00' RT	"Le" 482+94.50	2.94' LT	2.94' RT	"Le" 483+05.50	3.12' LT	3.12' RT	"Le" 483+73.00	4.50' LT	4.50' RT	TYPE FA	TYPE FB
DMS 7	FB	"Le" 491+14.00	3.50' LT	3.50' RT	"Le" 491+24.50	3.23' LT	3.23' RT	"Le" 491+35.50	2.94' LT	2.94' RT	"Le" 491+74.28	1.00' LT	1.00' RT	TYPE FB (FLARE)	TYPE FA
DMS 8, 9	FB	"Le" 508+21.80	1.68' LT	0.32' RT	"Le" 508+82.50	3.35' LT	3.35' RT	"Le" 509+02.50	3.35' LT	3.35' RT	"Le" 509+63.20	1.68' LT	0.32' RT	TYPE FA	TYPE FA
Guide Sign	FB	"Le" 516+01.15	0.66' LT	1.34' RT	"Le" 516+47.53	2.98' LT	2.98' RT	"Le" 516+51.37	3.00' LT	3.04' RT	"Le" 516+98.21	3.20' LT	3.84' RT	TYPE FA	TYPE FB (FLARE)
DMS 10, 11	FB	"Le" 534+45.39	1.00' LT	1.00' RT	"Le" 534+92.50	3.35' LT	3.35' RT	"Le" 535+27.50	3.35' LT	3.35' RT	"Le" 535+74.61	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 12, 13	FB	"Le" 558+42.39	1.00' LT	1.00' RT	"Le" 558+89.50	3.35' LT	3.35' RT	"Le" 558+99.50	3.35' LT	3.35' RT	"Le" 559+56.61	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 14	FB	"Le" 578+50.42	1.00' LT	1.00' RT	"Le" 578+97.50	3.35' LT	3.35' RT	"Le" 579+02.50	3.35' LT	3.35' RT	"Le" 579+49.58	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 15	FB	"Le" 582+40.42	1.00' LT	1.00' RT	"Le" 582+92.50	3.60' LT	3.60' RT	"Le" 582+97.50	3.60' LT	3.60' RT	"Le" 583+49.58	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 17	FB	"Le" 610+50.42	1.00' LT	1.00' RT	"Le" 610+97.50	3.35' LT	3.35' RT	"Le" 611+02.50	3.35' LT	3.35' RT	"Le" 611+49.58	1.00' LT	1.00' RT	TYPE FA	TYPE FA
DMS 16	FB	"Le" 612+94.31	2.94' LT	2.94' RT	"Le" 613+44.50	2.94' LT	2.94' RT	"Le" 613+55.50	2.94' LT	2.94' RT	"Le" 614+05.37	1.00' LT	1.00' RT	TYPE FB (FLARE)	TYPE FA
DMS 18	FB	"Le" 629+54.19	1.00' LT	1.00' RT	"Le" 630+06.30	3.60' LT	3.60' RT	"Le" 630+27.50	3.60' LT	3.60' RT	"Le" 630+79.61	1.00' LT	1.00' RT	TYPE FB (FLARE)	TYPE FA
DMS 19	FB	"Le" 650+59.50	3.19' LT	3.19' RT	"Le" 650+66.50	3.19' LT	3.19' RT	"Le" 650+77.50	3.19' LT	3.19' RT	"Le" 651+21.28	1.00' LT	1.00' RT	TYPE FA	TYPE FA
I-15 FREEWAY LEFT SHOULDER BARRIER FLARES															
DMS 5	B	"Le" 472+12.18	99.00' LT	93.06' LT	"Le" 472+27.50	99.59' LT	93.06' LT	"Le" 472+32.50	99.59' LT	93.06' LT	"Le" 473+11.37	99.00' LT	97.00' LT	TYPE B (FLARE)	TYPE A
DMS 7	FB	"Le" 490+85.72	96.96' LT	94.96' LT	"Le" 491+24.50	98.90' LT	93.03' LT	"Le" 491+35.50	98.90' LT	93.03' LT	"Le" 491+74.28	96.96' LT	94.96' LT	TYPE FD	TYPE FD
DMS 10	FB	"Le" 534+42.48	83.00' LT	81.00' LT	"Le" 535+22.50	83.71' LT	77.00' LT	"Le" 535+27.50	83.71' LT	77.00' LT	"Le" 536+07.52	83.00' LT	81.00' LT	TYPE FD	TYPE FD
DMS 13	B	"Le" 557+89.32	EXISTING WALL	92.15' LT	"Le" 559+04.50	EXISTING WALL	86.40' LT	"Le" 559+09.50	EXISTING WALL	86.40' LT	"Le" 560+24.68	EXISTING WALL	92.15' LT	TYPE B	TYPE B
I-15 FREEWAY RIGHT SHOULDER BARRIER FLARES															
DMS 4	B	"Le" 452+69.62	81.06' RT	83.99' RT	"Le" 453+19.50	79.19' RT	85.72' RT	"Le" 453+24.50	79.19' RT	85.72' RT	"Le" 453+78.32	81.88' RT	83.88' RT	BRIDGE / TYPE B	TERMINOUS
DMS 11	B	"Le" 534+17.52	75.00' RT	77.00' RT	"Le" 534+92.50	71.32' RT	77.00' RT	"Le" 534+97.50	71.32' RT	77.00' RT	"Le" 535+87.67	71.47' RT	77.00' RT	TYPE A	TYPE B (FLARE)
DMS 12	B	"Le" 557+98.64	103.77' RT	105.77' RT	"Le" 558+89.50	99.23' RT	105.76' RT	"Le" 558+94.50	99.23' RT	105.76' RT	"Le" 559+39.81	99.67' RT	101.67' RT	TYPE A	TYPE A

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS. △2

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD04	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

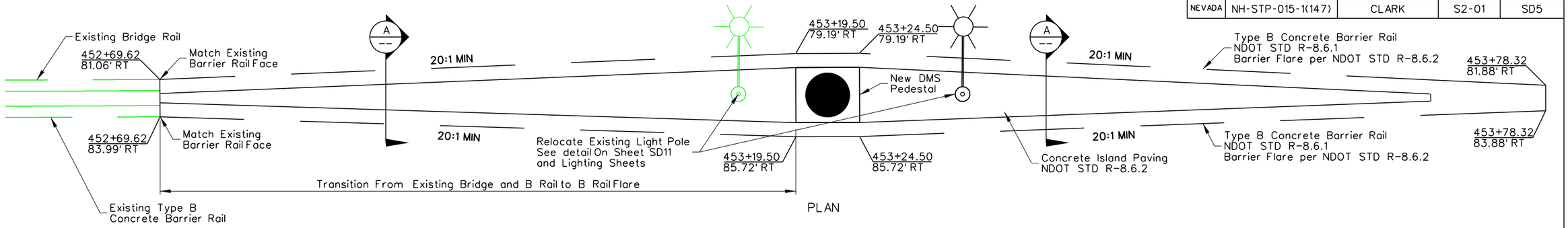
SPECIAL DETAILS
MEDIAN FLARE DETAILS

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2270 Corporate Circle
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Telephone: 702/263-7275
Fax: 702/263-7200
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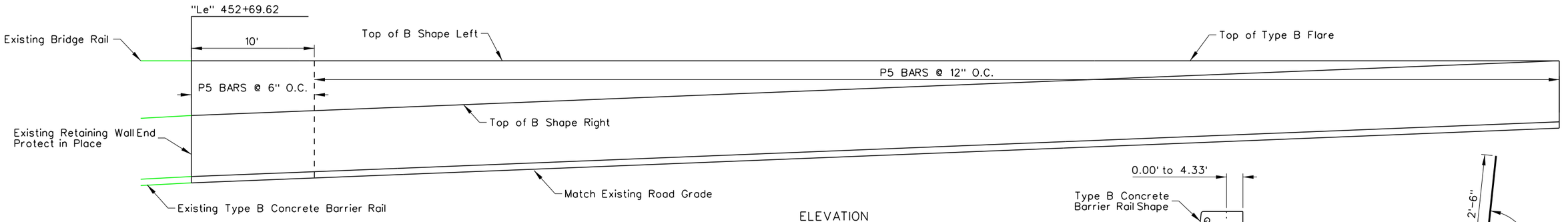
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DRAWN BY	RW
CHECKED BY	NC
REVIEWED BY	EL

10/15/2019
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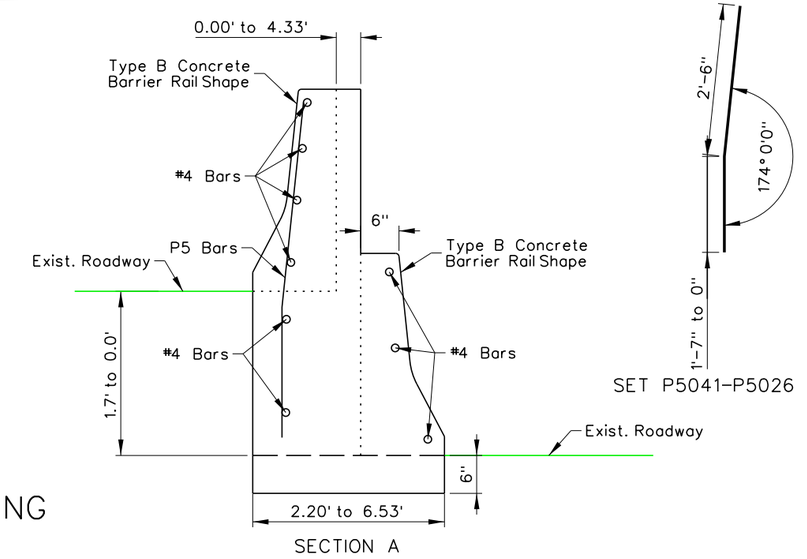
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD5



PLAN



ELEVATION



SECTION A

SET P5041-P5026

NOTES:

1. SEE NDOT STD R-8.6.1 AND NDOT STD R-8.6.2 FOR ADDITIONAL INFORMATION AND INFORMATION NOT SHOWN

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS. (2)

BARRIER FLARE TRANSITION FROM EXISTING "Le" 453+22 RT DMS 4

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD05	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

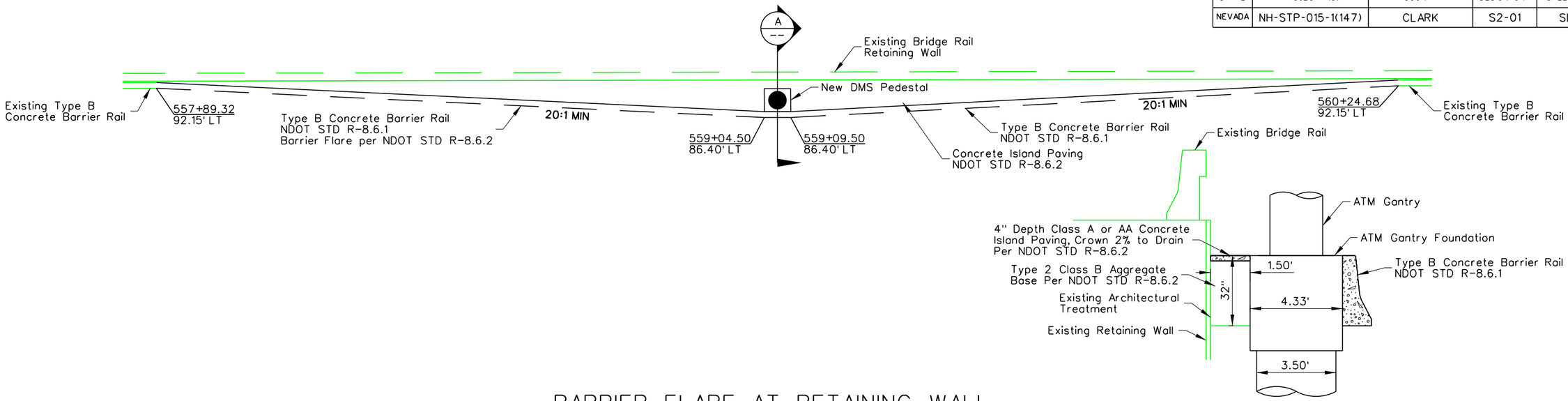
SPECIAL DETAILS
BARRIER FLARE
TRANSITION

ATKINS
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CHECKED BY	NC
REVIEWED BY	EL

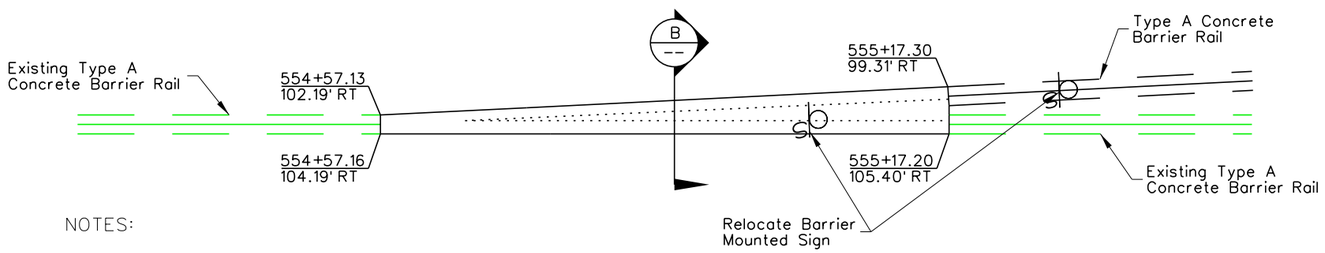
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NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD6



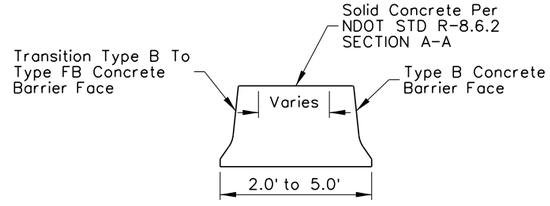
SECTION A

BARRIER FLARE AT RETAINING WALL
"Le" STA 559+07 DMS 13



NOTES:

1. SEE NDOT STD R-8.6.1 AND NDOT STD R-8.6.2 FOR INFORMATION NOT SHOWN



SECTION B

NEW TYPE A CONCRETE BARRIER RAIL TRANSITION TO EXISTING TYPE A CONCRETE BARRIER RAIL
"Le" STA 555+00 RT

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD06	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
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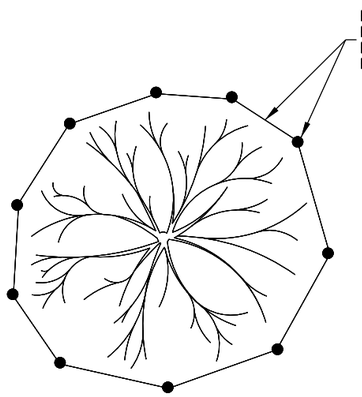
SPECIAL DETAILS
BARRIER FLARE
TRANSITION

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

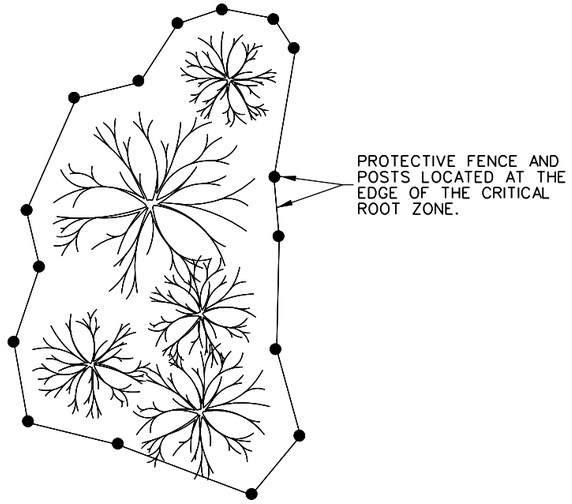
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD7



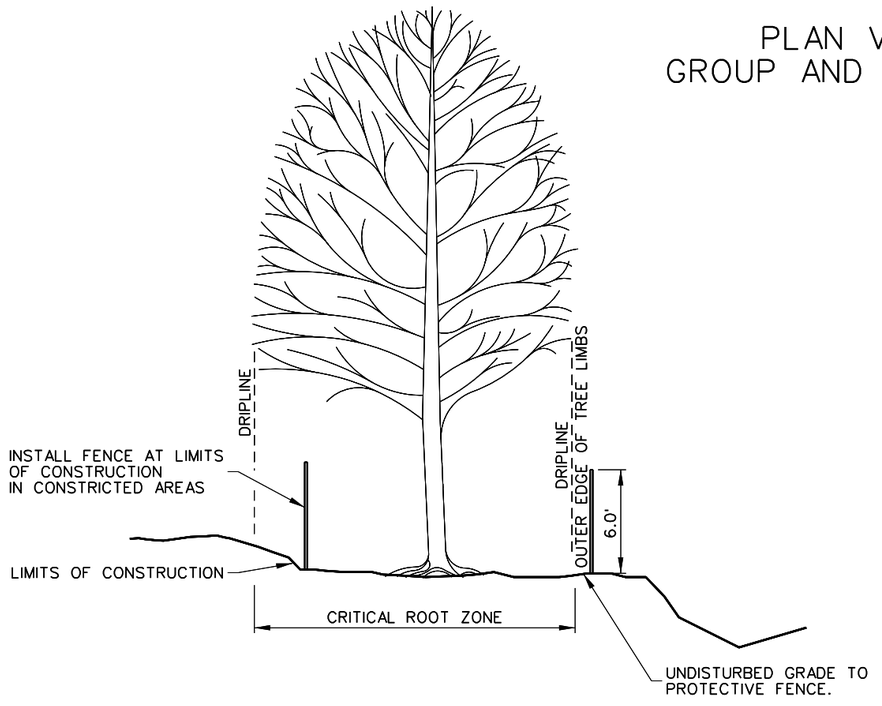
PLAN VIEW OF INDIVIDUAL TREE AND PROTECTIVE FENCE



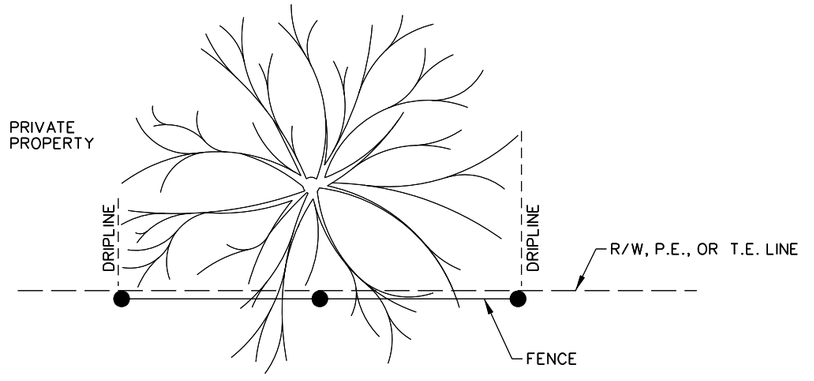
PLAN VIEW OF TREE GROUP AND PROTECTIVE FENCE

NOTES:

1. DESIGN-BUILDER SHALL PROTECT EXISTING OR NEW LANDSCAPE AND AESTHETIC FEATURES (INCLUDING TREES AND VEGETATION) DESIGNATED TO REMAIN WITH PRESERVATION FENCING.
2. PROVIDE PRESERVATION FENCING WHEN CONSTRUCTION ACTIVITIES ARE WITHIN 50' OF ITEMS REQUIRING PROTECTION. WHERE FENCING IS INSTALLED AROUND VEGETATION, FENCING SHALL BE OUTSIDE OF THE DRIP LINE.
3. CONSULT THE PROJECT ARBORIST IF CONSTRUCTION ACTIVITIES ARE ANTICIPATED TO ENCROACH WITHIN THE DRIP LINE OF ANY VEGETATION DESIGNATED TO REMAIN. ARBORIST WILL PROVIDE RECOMMENDATIONS FOR MITIGATION MEASURES TO BE TAKEN TO MAXIMIZE THE CHANCE OF PLANT SURVIVAL.
4. EXERCISE CAUTION WHEN WORKING NEAR VEGETATION DESIGNATED TO REMAIN. DO NOT OPERATE VEHICLES OR HEAVY MACHINERY, PERFORM CUT OR FILL OPERATIONS, STOCKPILE CONSTRUCTION MATERIAL OR DEBRIS, OR PERFORM OTHER ACTIVITIES THAT COULD BE DETRIMENTAL TO VEGETATION SURVIVAL WITHIN THE CRITICAL ROOT ZONE.
5. MONITOR PLANT HEALTH ON CONTINUAL BASIS. REPORT ANY PROBLEMS IMMEDIATELY TO THE PROJECT ARBORIST.
6. SECTION 5 OF TECHNICAL PROVISION 5.3.2, VEGETATION THAT DIES PRIOR TO FINAL ACCEPTANCE, IS REMOVED, OR EXPERIENCES DAMAGE TO MORE THAN 25% OF THE PLANT DUE TO CONSTRUCTION ACTIVITIES MUST REPLACED AT A 3:1 RATIO.
7. FENCE TO BE A 6' HIGH MOVEABLE CHAIN LINK FENCE WITH ORANGE CONSTRUCTION FENCING ATTACHED TO IT.



TYPICAL TREE PROTECTION



WHEN TREES ARE LOCATED OUTSIDE OF R/W BUT CRITICAL ROOT ZONE WILL BE IMPACTED, INSTALL PROTECTIVE FENCING ALONG RIGHT-OF-WAY, PERMANENT EASEMENT, OR TEMPORARY EASEMENT LINES.

PROTECTIVE FENCING SHALL RUN THE LENGTH OF THE CRITICAL ROOT ZONE.

AT NO TIME SHALL PROTECTIVE FENCING BE INSTALLED OUTSIDE RIGHT-OF-WAY, PERMANENT EASEMENTS, OR TEMPORARY EASEMENTS.

TREE PROTECTION AT R/W LINE

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD07	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

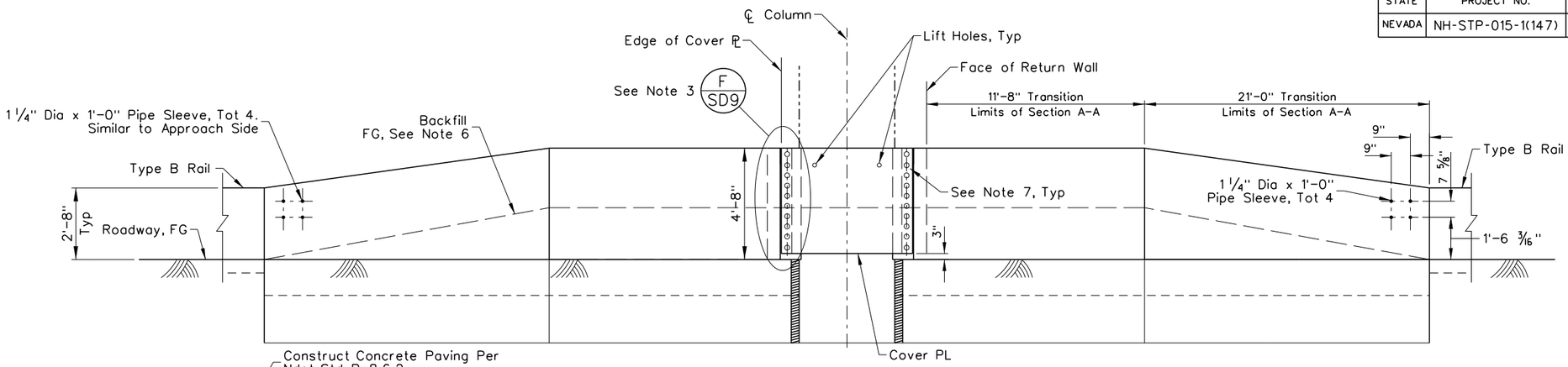
SPECIAL DETAILS
TREE PROTECTION

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

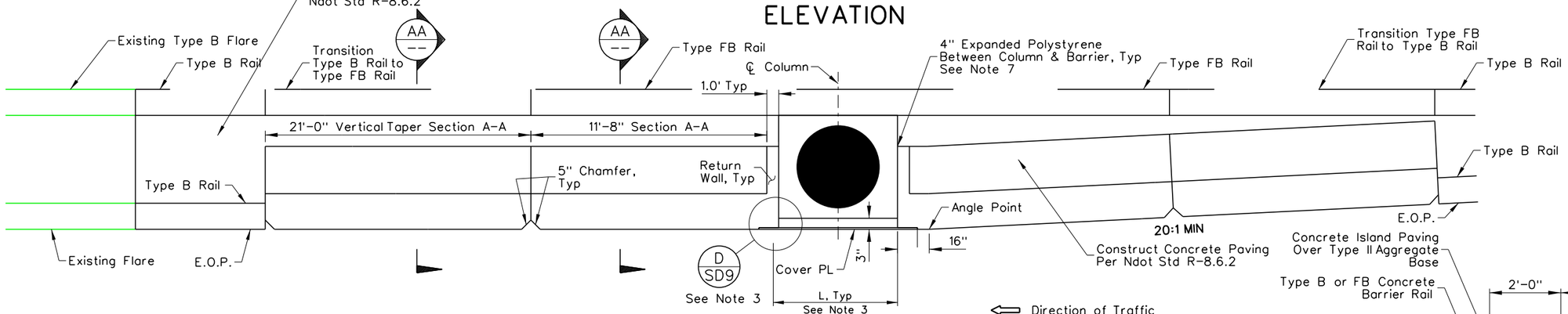
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD8



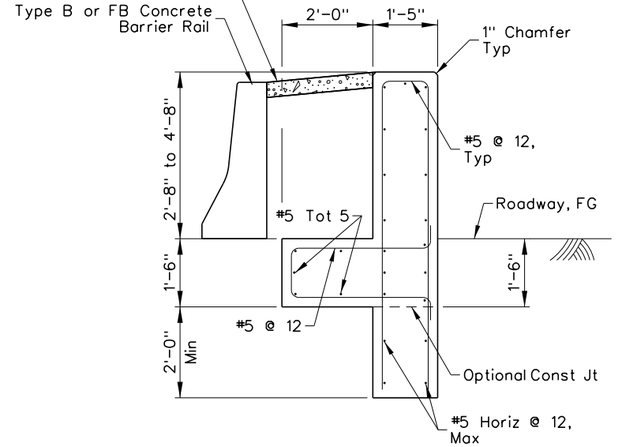
ELEVATION



PLAN

NOTES:

1. See Roadway Plans For Exact Alignment Of Barrier.
2. For Type B Rails See NDOT Std R-8.6.1;
   For FB Rails See NDOT Std R-8.6.2.
3. For "Detail D", "Detail E", "Detail F", "Table 1", "Alternate Anchorage", See Sheet SD9.
4. Maintain 2" Minimum Gap Between Plate And Structure.
5. Where Existing Bridge Footing Is Encountered, Apply Bond Breaker Between Bridge Footing And New Structure.
6. Match Top Of Concrete To Existing Road Grade.
7. Place Polystyrene Between Column And Barrier To Eliminate Voids.
8. All Plates And Connections Shall Be Galvanized.



SECTION A-A

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD08	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

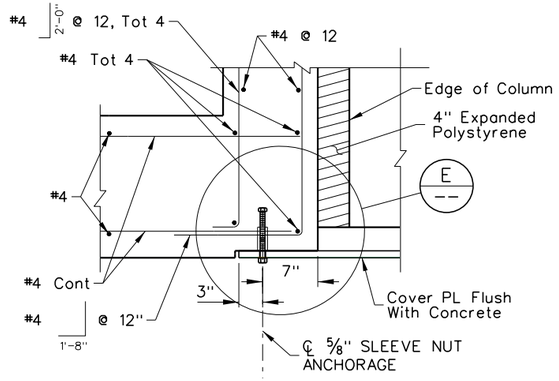
SPECIAL DETAILS
BARRIER PLATE DETAIL 1

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

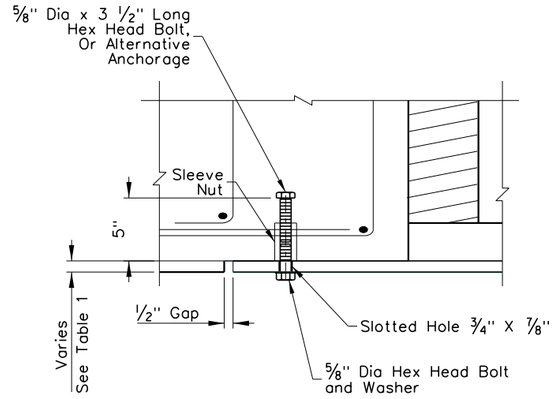
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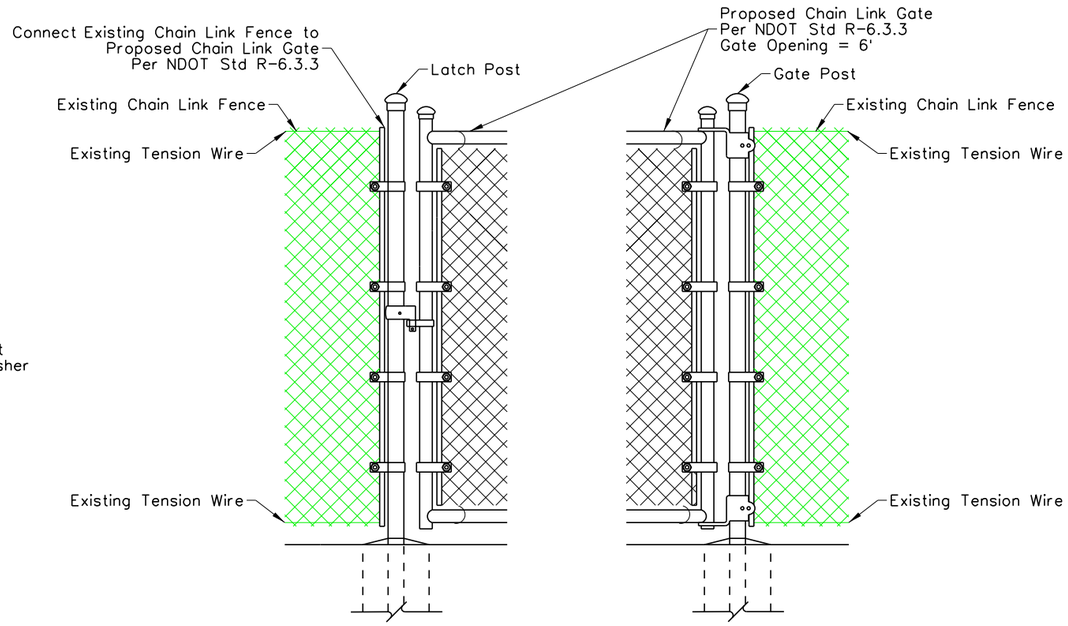
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD9



DETAIL "D"



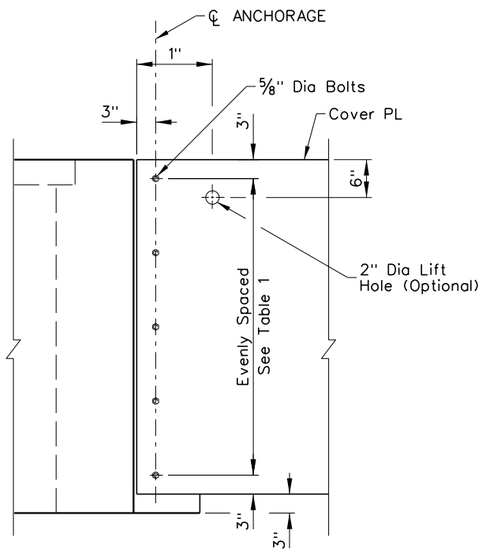
DETAIL "E"



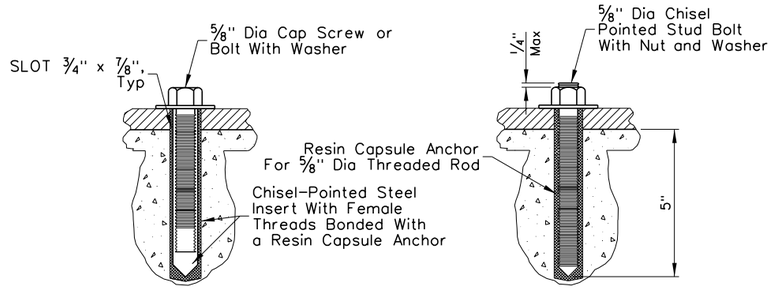
NOTES:

1. SEE NDOT STD R-6.3.2.1 AND NDOT STD R-6.3.3 FOR DETAILS AND INFORMATION NOT SHOWN

SWING GATE CONNECTION TO EXISTING CHAIN LINK FENCE



DETAIL "F"



ALTERNATIVE A ALTERNATIVE B

ALTERNATIVE ANCHORAGE

TABLE 1		
L (ft)	Plate Thickness (in)	Total NO of Bolts
8'-6" Max	7/8	10
6'-6" Max	11/16	7
4'-6" Max	11/16	5

NOTE:

Structural Steel, f = 50,000 psi
Unless otherwise noted.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT09SD09	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

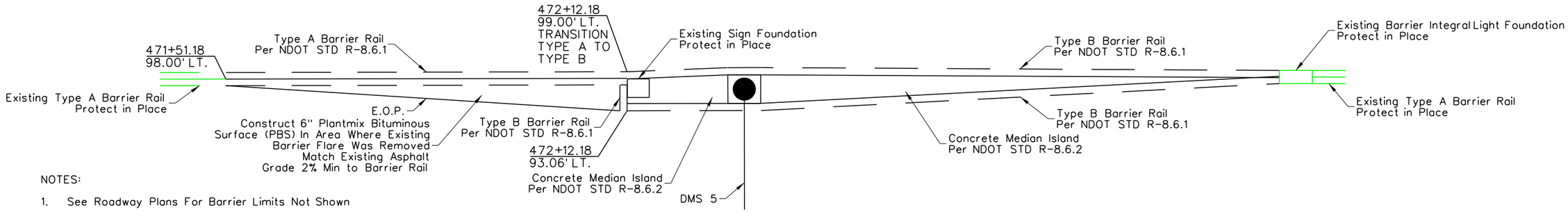
SPECIAL DETAILS
BARRIER PLATE DETAIL 2

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD10



NOTES:

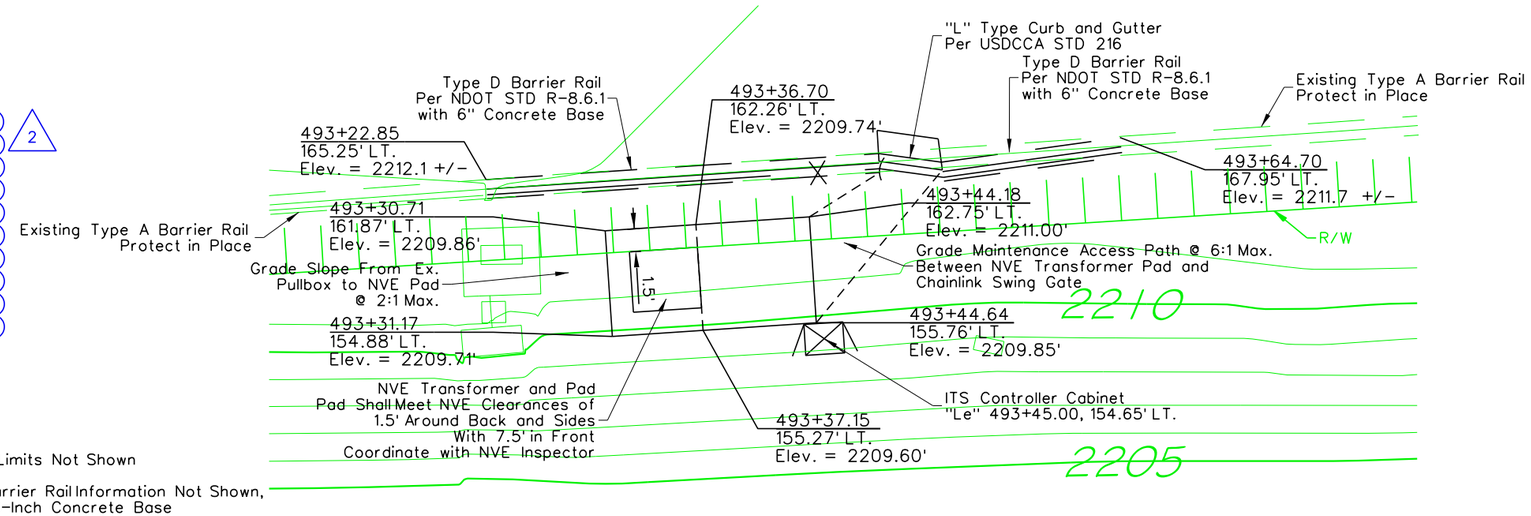
1. See Roadway Plans For Barrier Limits Not Shown
2. See NDOT STD R-8.6.1 for Type A Barrier Rail And Type B Barrier Rail Information Not Shown
3. See NDOT STD R-8.6.2 for Type B Barrier Flare Information Not Shown

TYPE A BARRIER RAIL AND TYPE B FLARE
DMS 5 "Le" 472+30 LT

1

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

2



NOTES:

1. See Roadway Plans For Construction Limits Not Shown
2. See NDOT STD R-8.6.1 for Type D Barrier Rail Information Not Shown, Barrier Rail Shall be Constructed with 6-Inch Concrete Base
3. Design-Builder Shall Remove Portions of Existing Barrier and Salvage Existing Chainlink Fence for Installation on Type D Barrier Rail
4. NVE Transformer Pad Shall be Per NVE Electrical Service Requirements DWG No. RS-19, 12" Type II Aggregate Base, 90% Compacted Under Pad. Aggregate Base Shall Also be Placed and Compacted to 90% in Clearance Zone and Maintenance Access Path.
5. Landscaping Shall be Re-established in All Disturbed Areas.

TYPE D BARRIER RAIL AND NVE TRANSFORMER PAD
"Le" 493+50 LT

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	NDC 1146 - NVE PAD AND ACCESS	04/25/19
0	FINAL - 73652-S2-01-ATK-SHT09SD09	02/10/17

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

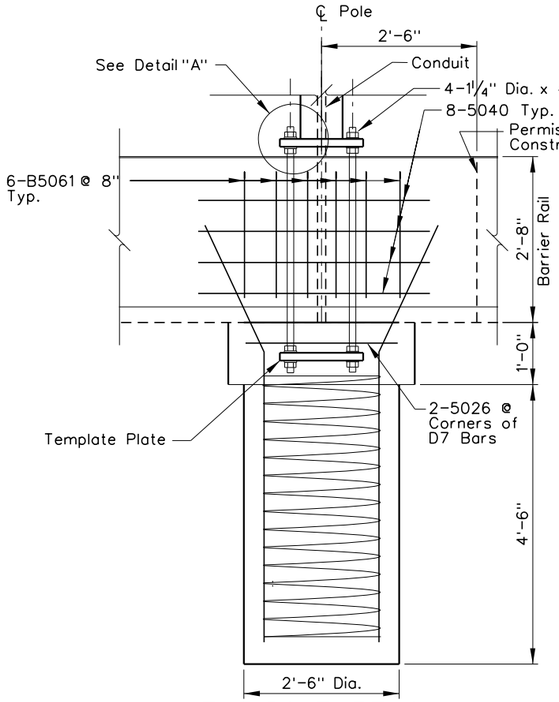
MISC FLARE DETAILS

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

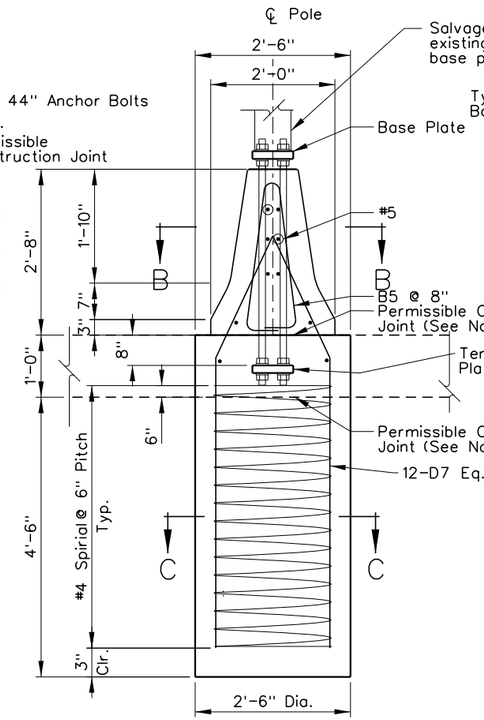
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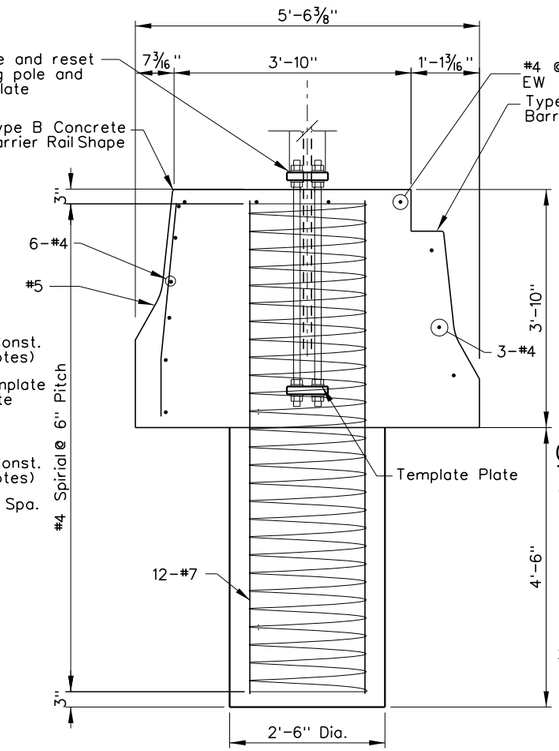
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SD-11



TYPICAL TYPE A BARRIER ELEVATION

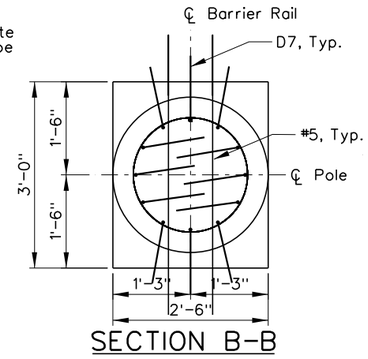


TYPICAL TYPE A BARRIER END VIEW

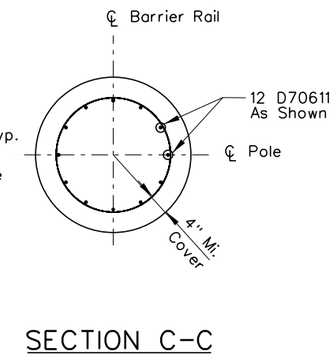


SECTION @ FLARE

"Le" 453+35 (See Sheets SD-5 and LT-40)



SECTION B-B



SECTION C-C

GENERAL NOTES

1. Design Specifications:

   AASHTO "Standard Specifications For Structural Supports For Highway Signs, Luminaires, and Traffic Signals", 6th Edition 2013 With 2015 Interim.

   Basic Wind Speed = 90 MPH.

   Luminaire EPA = 2.2 Sq. Ft.
   Luminaire Weight = 65 Lbs.

2. Construction Specifications:

   State of Nevada Department of Transportation "Standard Specifications For Road and Bridge construction" 2014 Edition Except as Noted in the Design Build (DB) Contract Document NDOT Project Neon Technical Provisions, Nov. 09, 2015.

3. Construction Joints:

   All Construction Joints Shall Be Intentionally Roughened To 1/4" Amplitude.

4. Anchor Bolts:

   a. 4-ASTM F1554 Grade 55 Anchor Bolts, 16-ASTM A563 Grade DH Nuts, and 8-ASTM F-436 Washers Per Pole, Galvanized in Accordance With ASTM F2329.

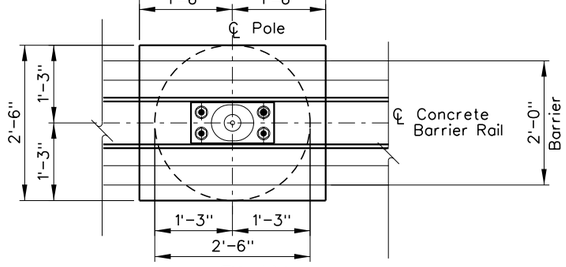
   b. Threads May be Cut or Rolled. Bolts Shall be Galvanized or Plated After Threads Are Formed.

5. Foundations:

   a. Concrete Shall be Class D.

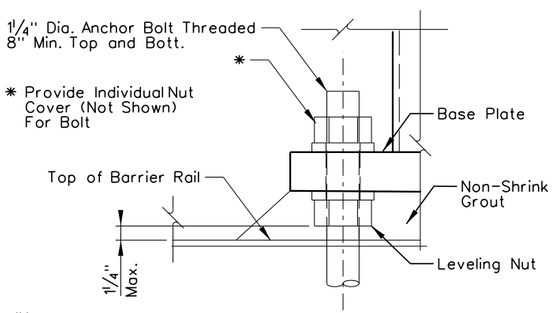
   b. Reinforcing Steel Shall Conform to the Requirements of ASTM A615 Grade 60. Dimensions Relating to Spacing are Center-to Center. Bending Dimensions are Out-to-Out of the Bars. Bar Sizes are Indicated by the First Number of the Mark. Hooks May be Rotated or Tilted, as Necessary, for Clearance or to Fit.

   c. Foundation is Based on the Following Criteria:
   Classification = Cohesionless (Fine Sand)
   Friction Angle = 28°
   Unit Weight = 115 PCF (Assumed Dry)

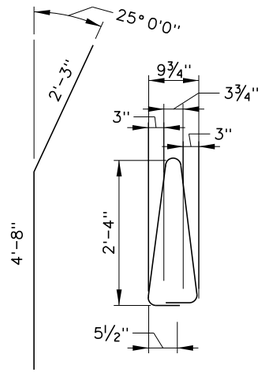


PLAN

Reinforcing Steel Not Shown



DETAIL "A"



D70611 B5061

Notes:

1. For Light Pole and Pull Box Locations, See Lighting Plans.
2. Provide 1 1/2 Turns at Each End of Spiral. All Spiral Reinforcement Shall be Terminated by a 135° Hook With a 10" Tail Around a Longitudinal Bar.
3. No Lap Splices Are Permitted in Spirals.
4. Reinforcing Steel May be Shifted Slightly to Avoid Conflicts.
5. Joint Permissible in Only One Location.

NO.	DESCRIPTION	DATE
0	FINAL - 73652-S2-01-ATK-SHT09SD11	03/10/17

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

INTEGRAL BARRIER LIGHT POLE SUPPORT

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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REVIEWED BY IXW

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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
6. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
7. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS IS APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
8. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS, AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
9. FOR LIMITS OF COLD MILLING AT BRIDGE DECKS AND PCCP PAVEMENT NOT RECEIVING RUBBERIZED ASPHALT OR PBOGS, SEE DETAIL ON SHEET SD1.
10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP1

T.20S., R.61E., SEC. 27

I-15 SB ON RAMP

I-15 SB OFF RAMP

PROJECT NH-STP-015-1(147)
BEGIN DESIGN UNIT S2-01 CONSTRUCTION
"Le" 248+32.00

I-15 SB

I-15 NB

I-15 NB OFF RAMP

I-15 NB ON RAMP

W SILVERADO RANCH BLVD

"Le"

20"dip in 45° slt casing

84"m 120" casing or tunnel

STOCK PILES

PAVED PARKING

UTL

2276.56

2298.01

2288

2268.57PB

281.19

250

255

MATCHLINE "Le" 260+00 SEE SHEET SP2

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 248+32 TO "Le" 260+00

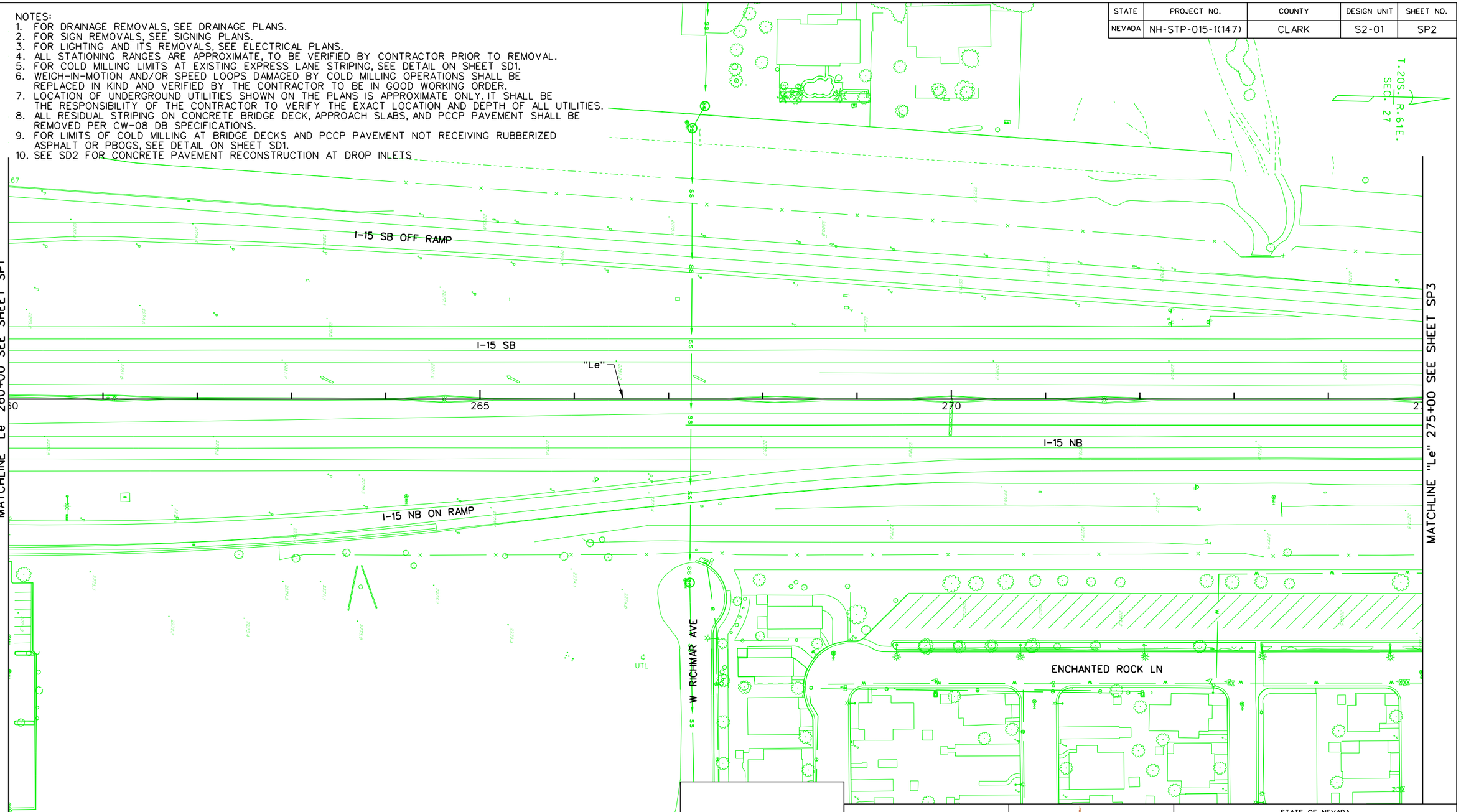
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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
6. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
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10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP2



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 260+00 TO "Le" 275+00

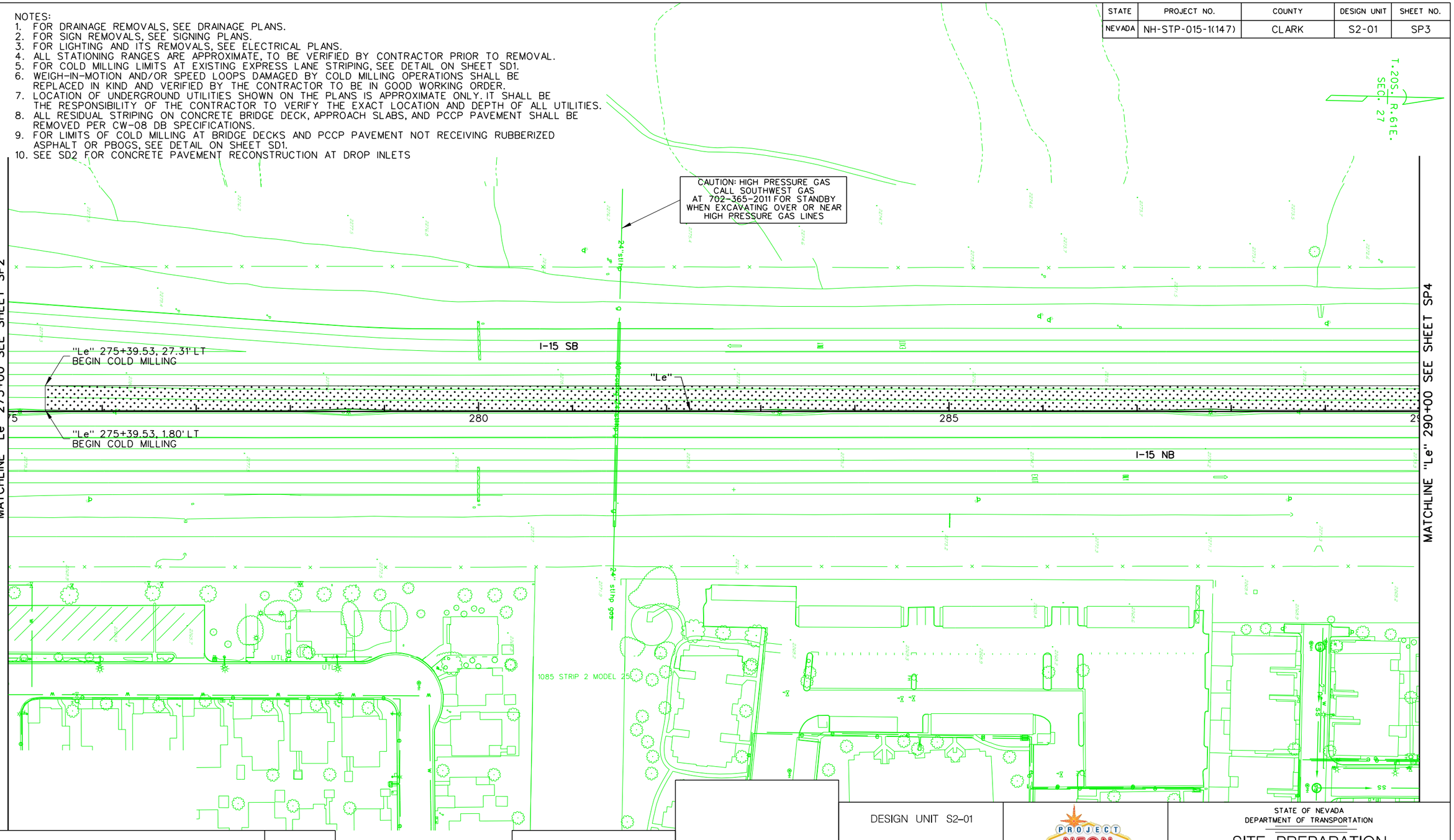
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP3

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 275+00 TO "Le" 290+00

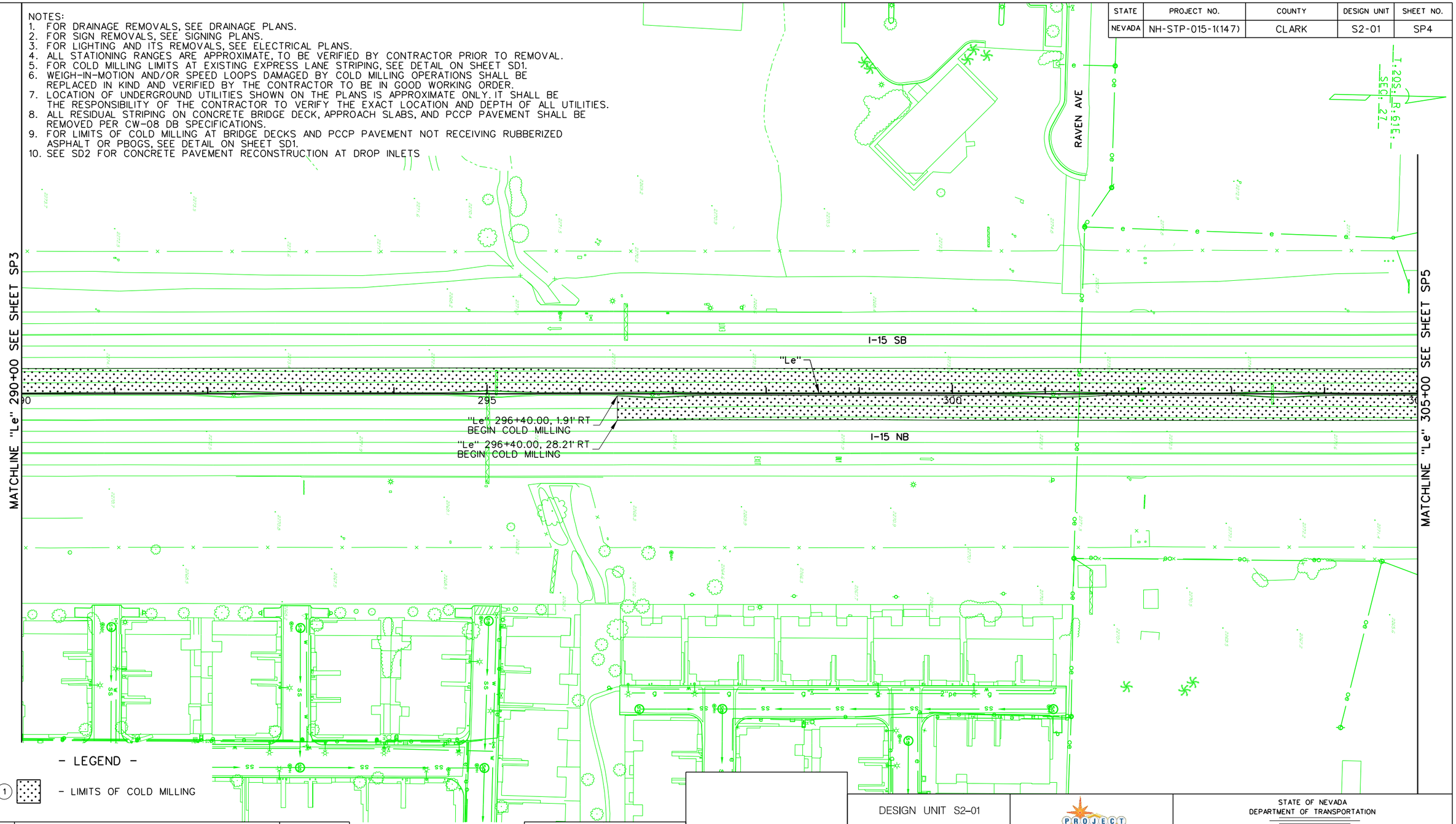
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NOTES:
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP4



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP04	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 290+00 TO "Le" 305+00

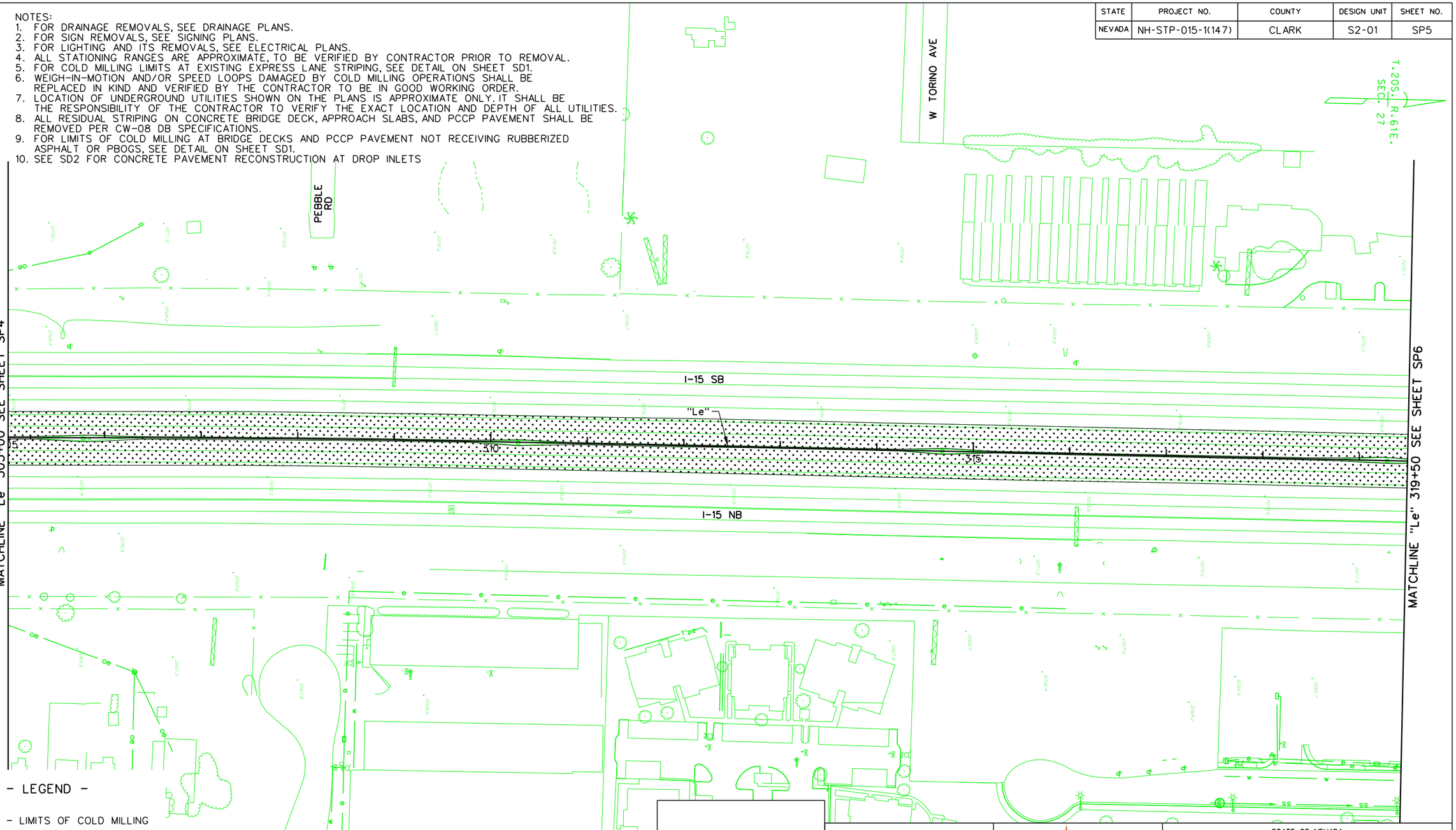
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP5



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP05	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 305+00 TO "Le" 319+50

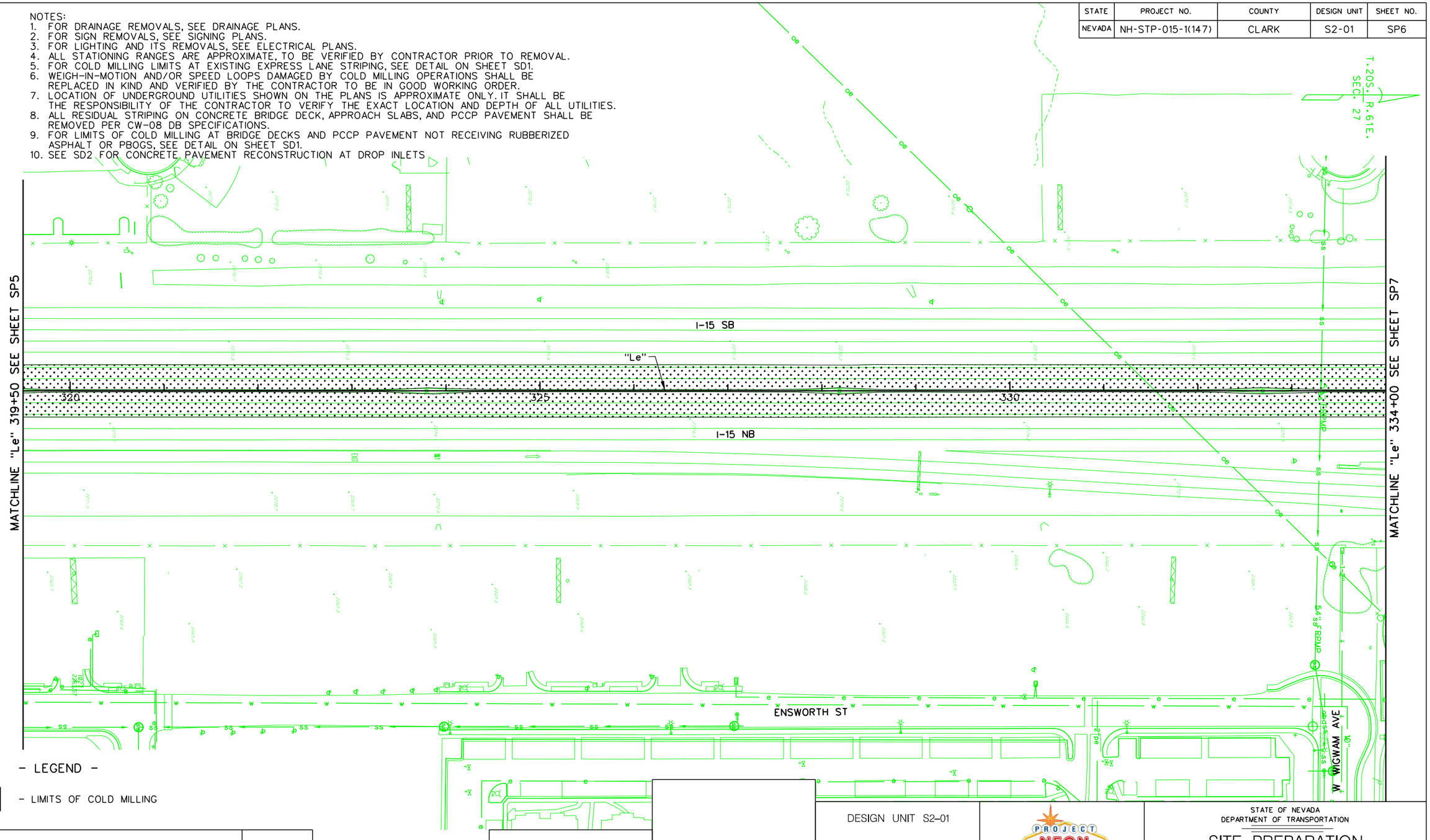
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP6



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP06	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 319+50 TO "Le" 334+00

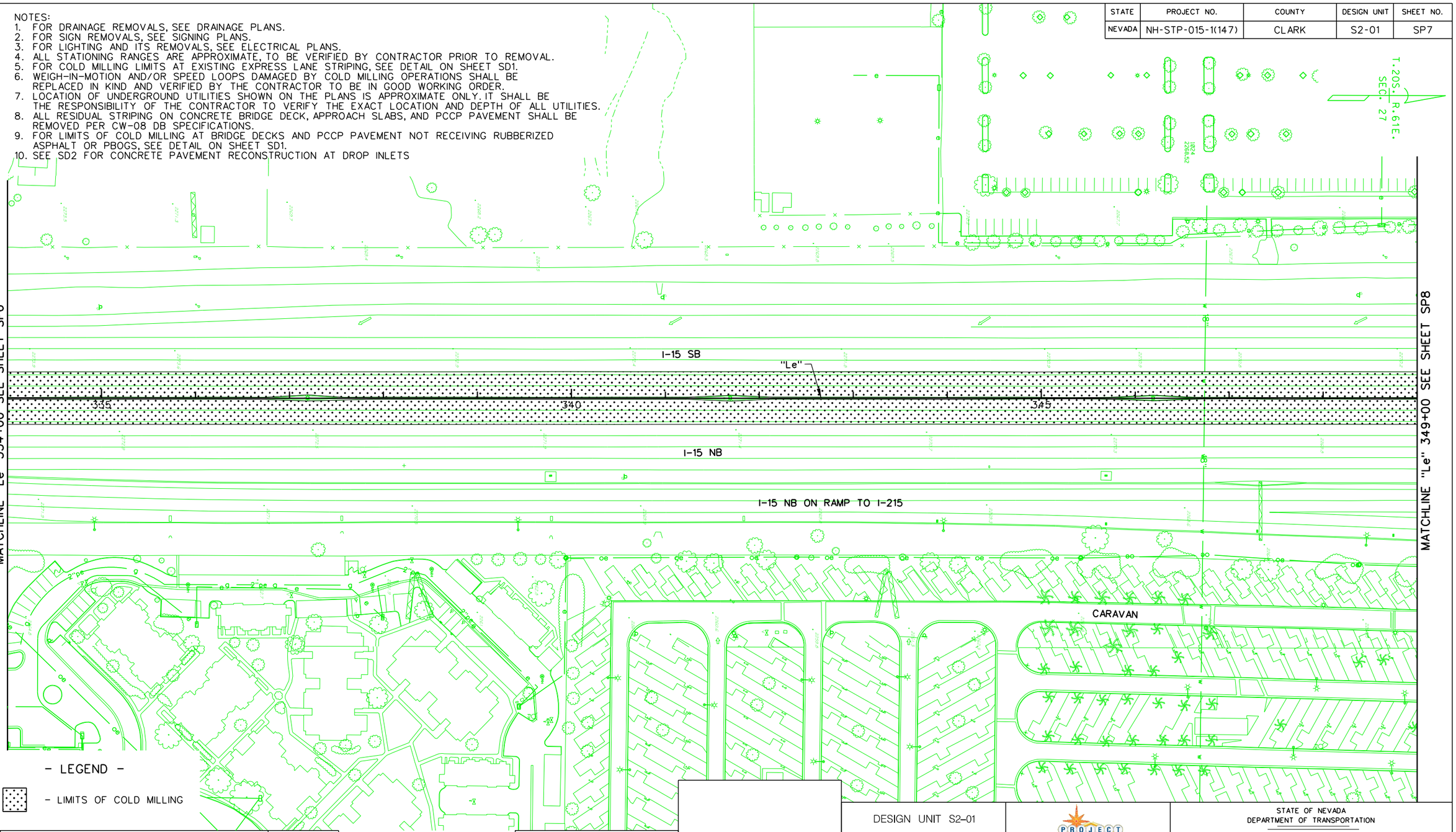
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP7

NOTES:
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- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP07	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 334+00 TO "Le" 349+00

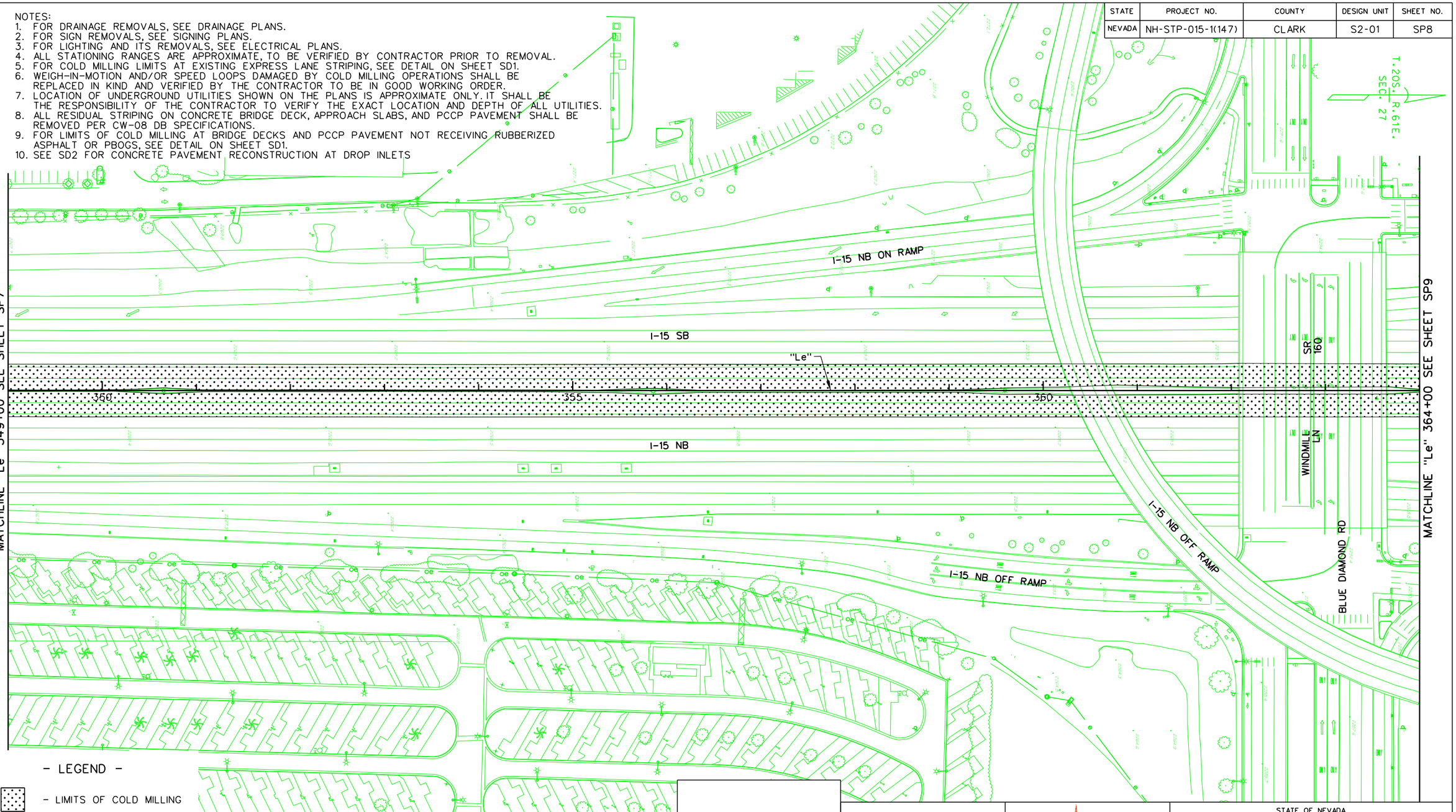
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP8



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP08	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 349+00 TO "Le" 364+00

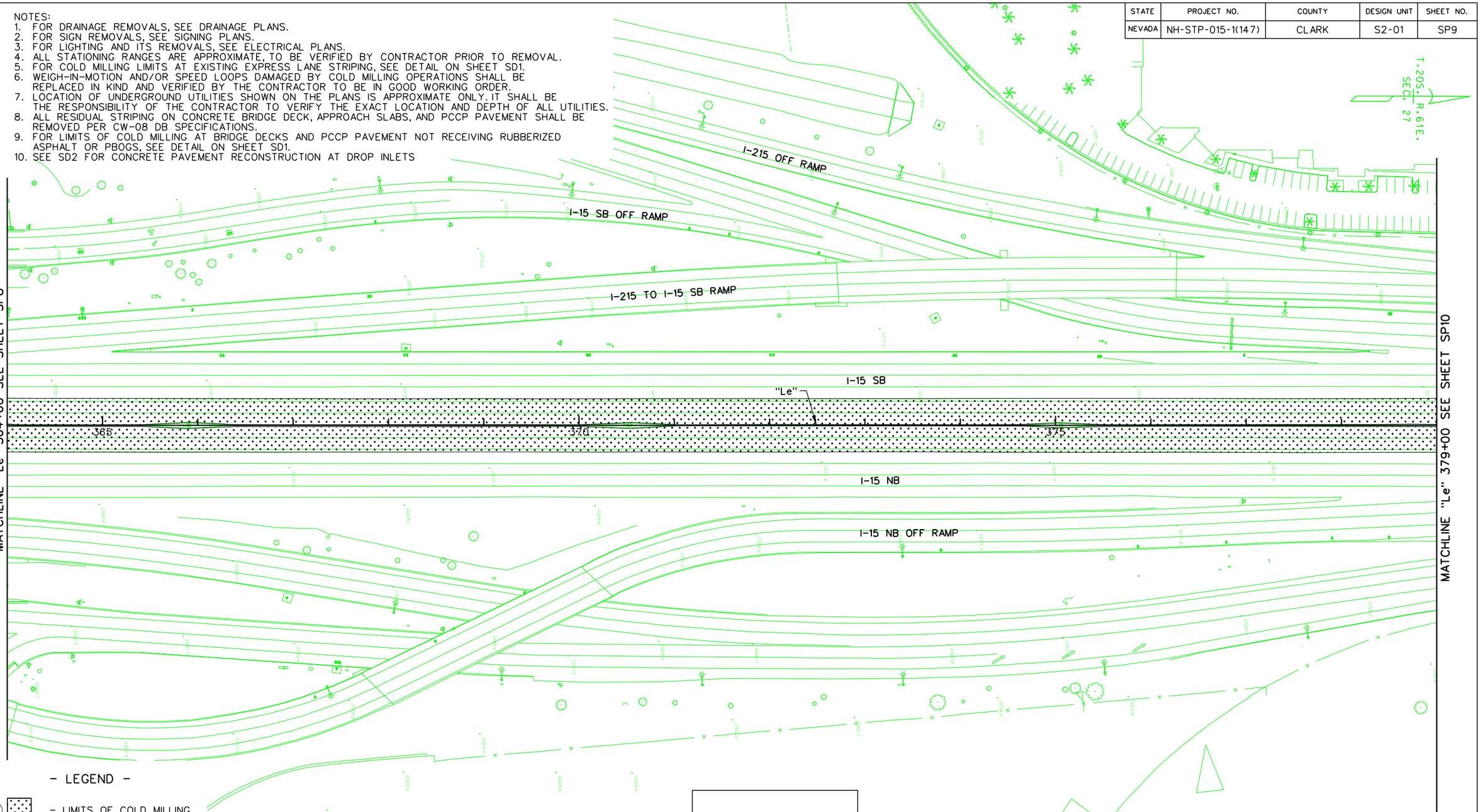
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP9



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP09	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 364+00 TO "Le" 379+00

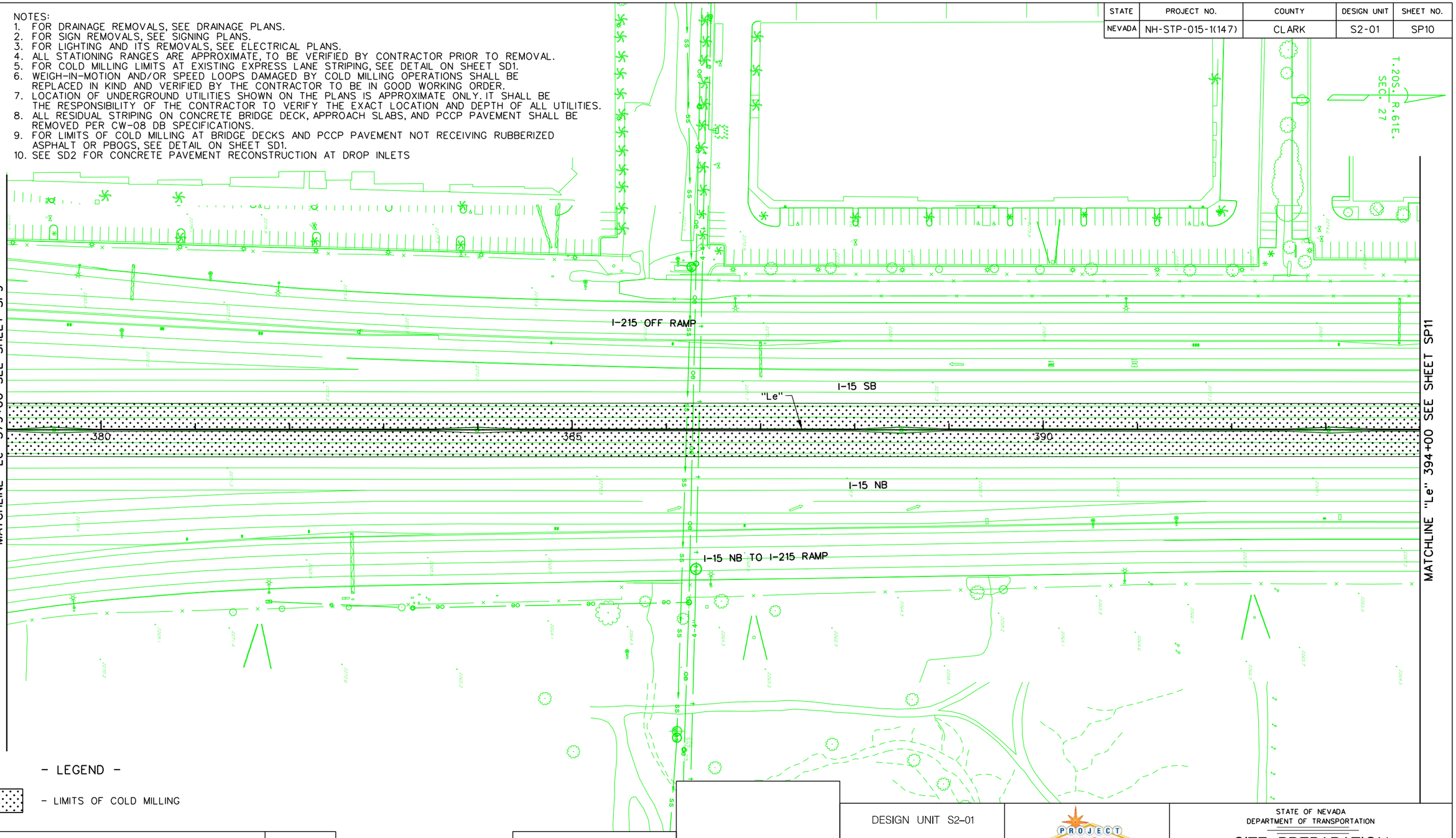
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP10

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- LEGEND -

(1) - LIMITS OF COLD MILLING

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 379+00 TO "Le" 394+00

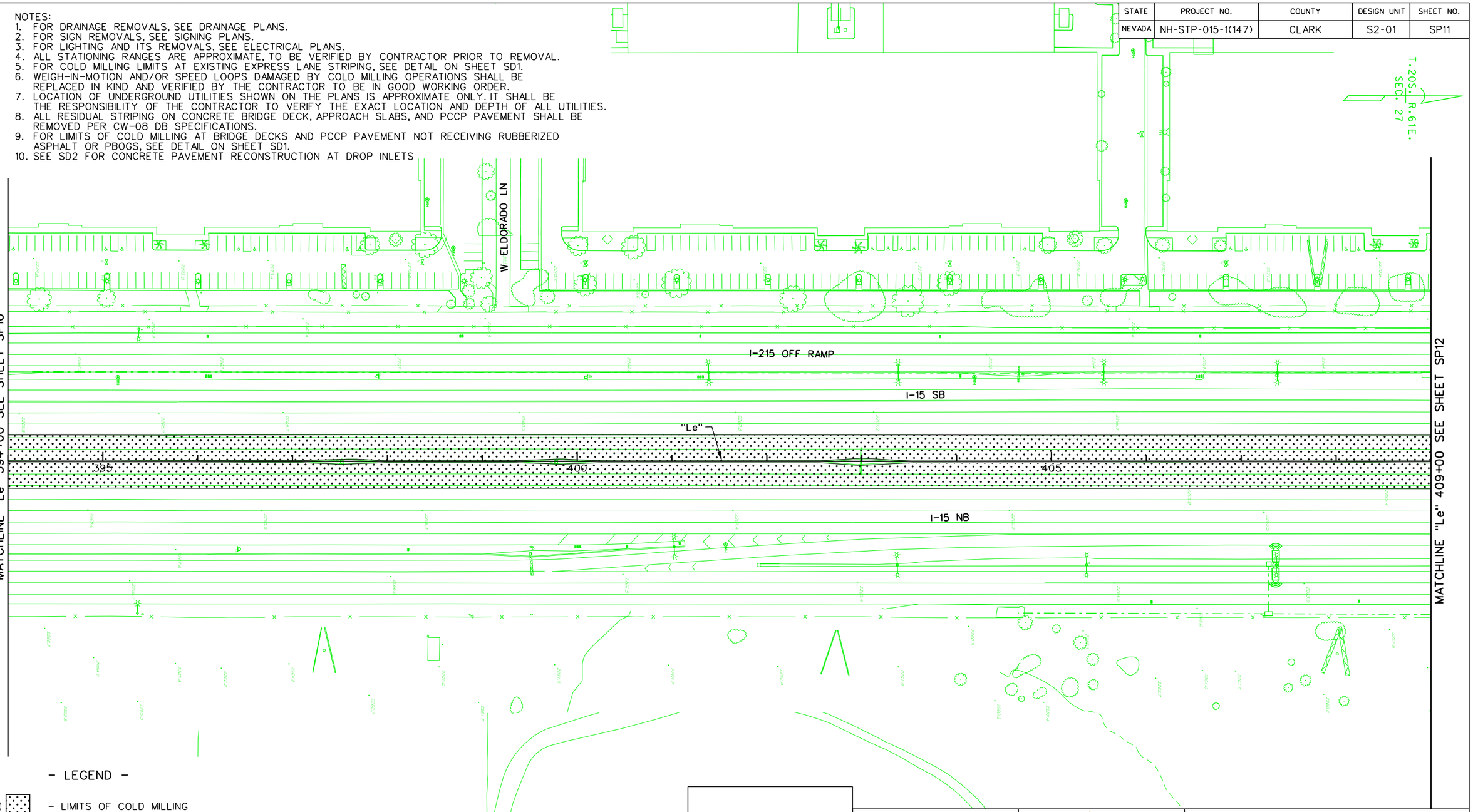
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2270 Corporate Circle
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REVIEWED BY	EL

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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
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10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP11



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP11	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 394+00 TO "Le" 409+00

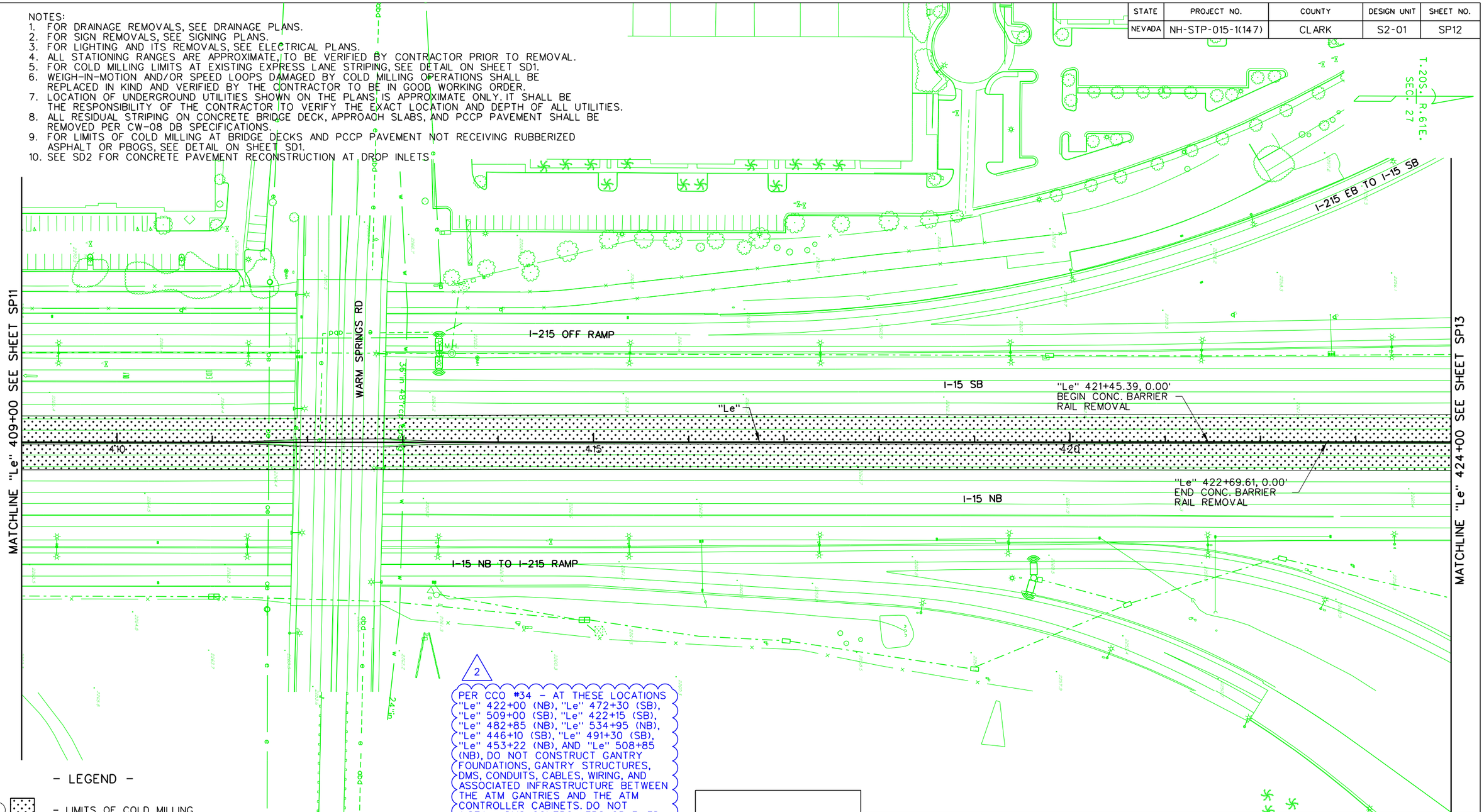
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10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP12



NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP12	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 409+00 TO "Le" 424+00

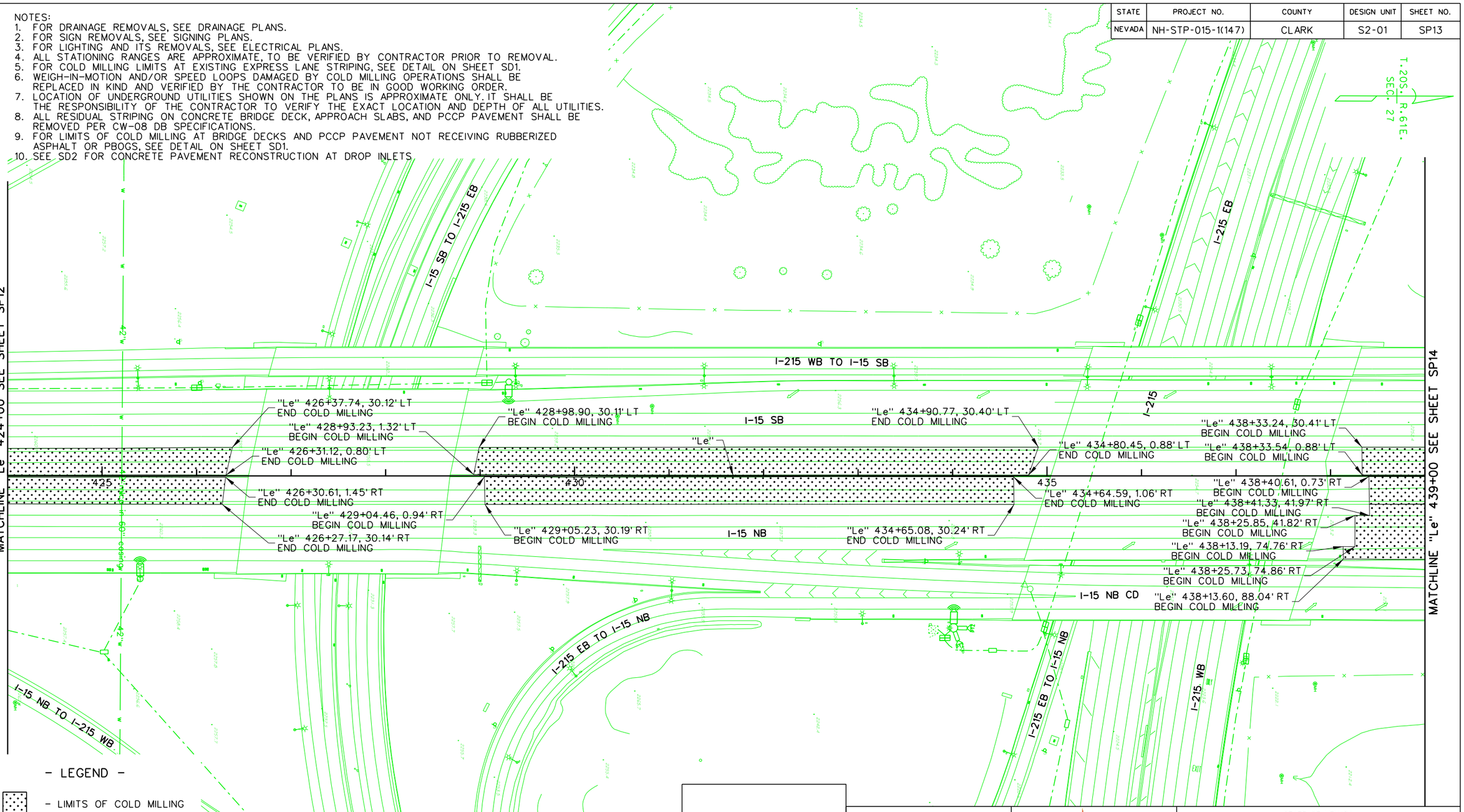
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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP13



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP13	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 424+00 TO "Le" 439+00

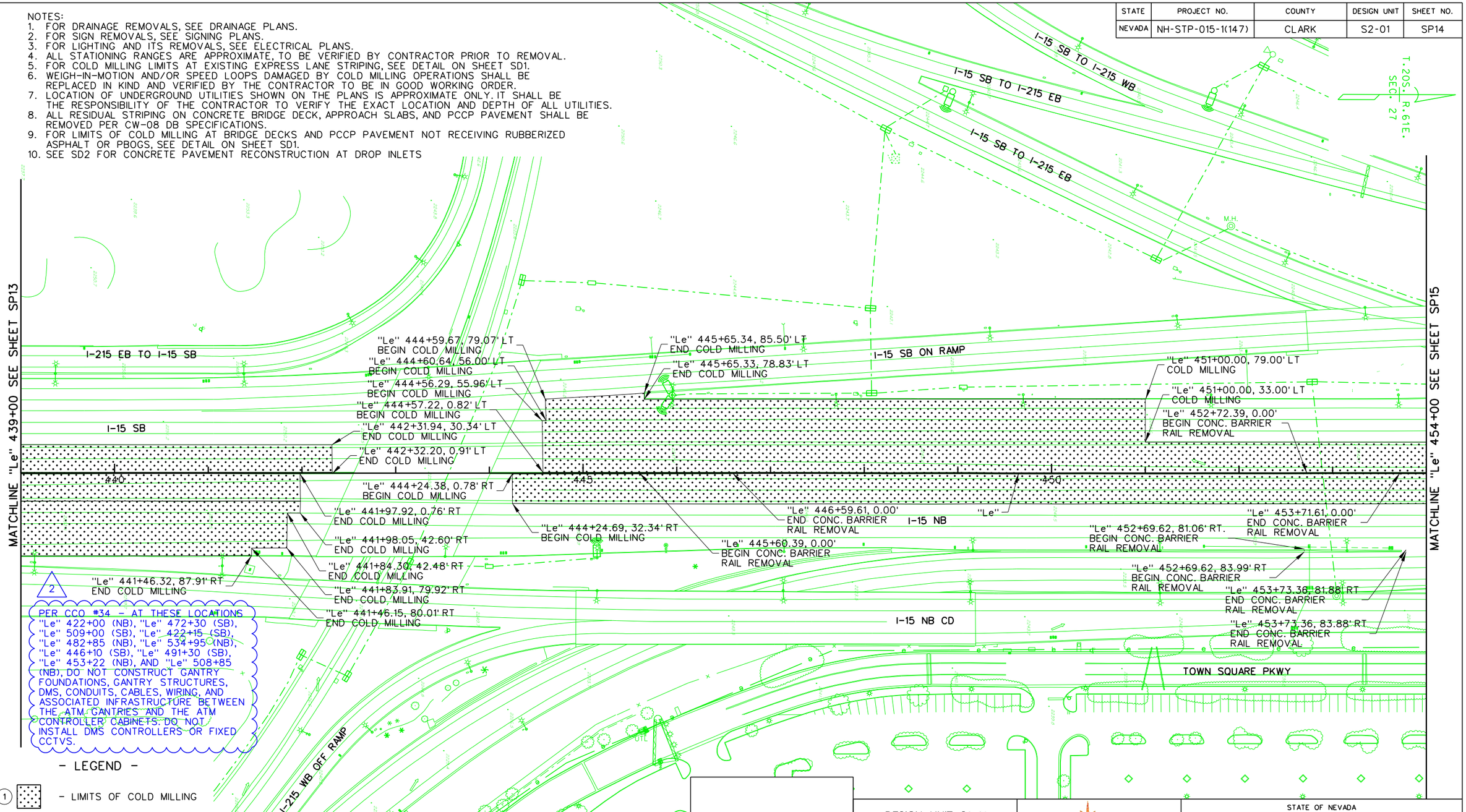
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP14

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
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2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

- LEGEND -

1 - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP14	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION
REMOVAL DETAILS
"Le" 439+00 TO "Le" 454+00

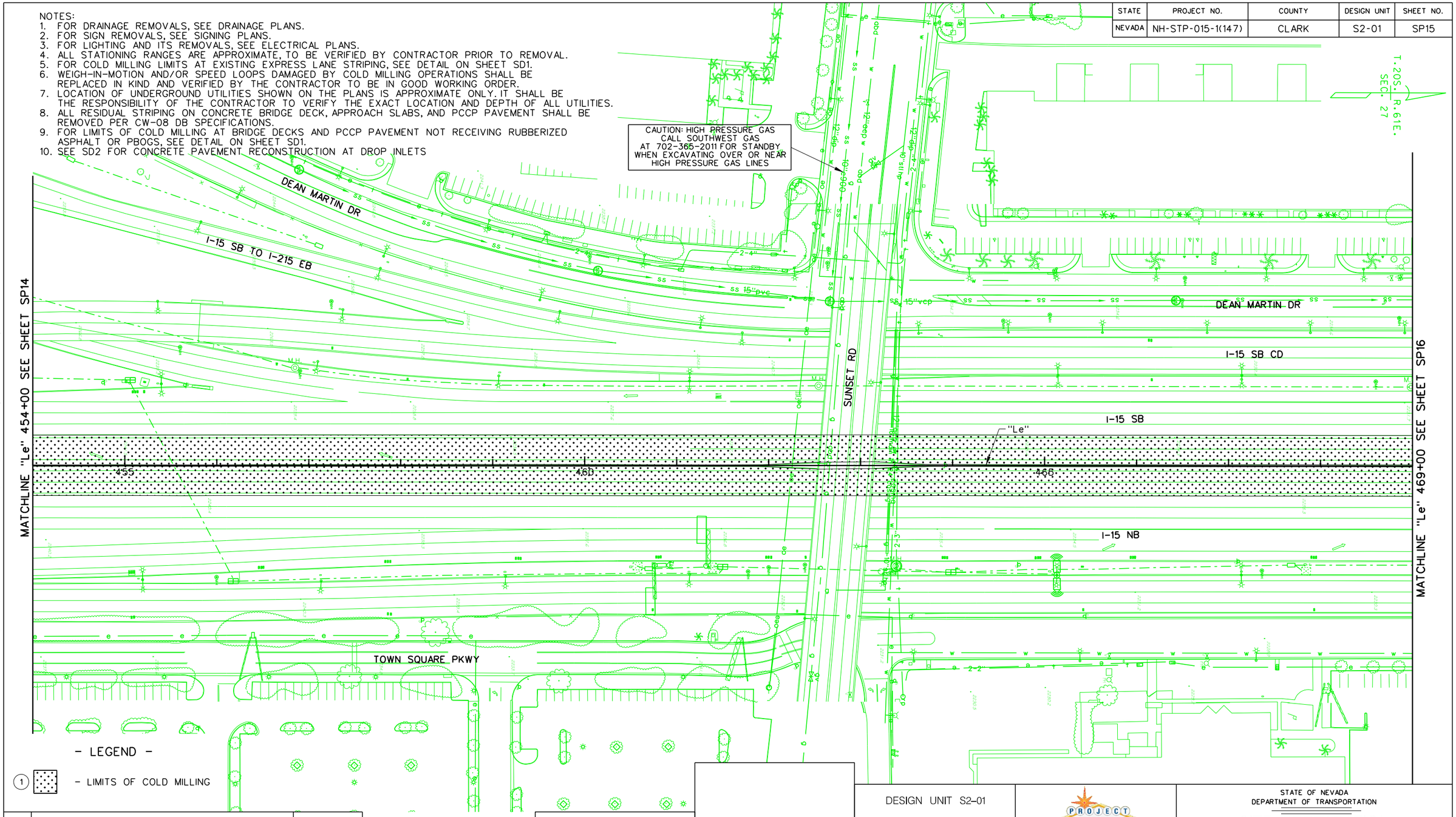
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP15

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
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10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP15	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 454+00 TO "Le" 469+00

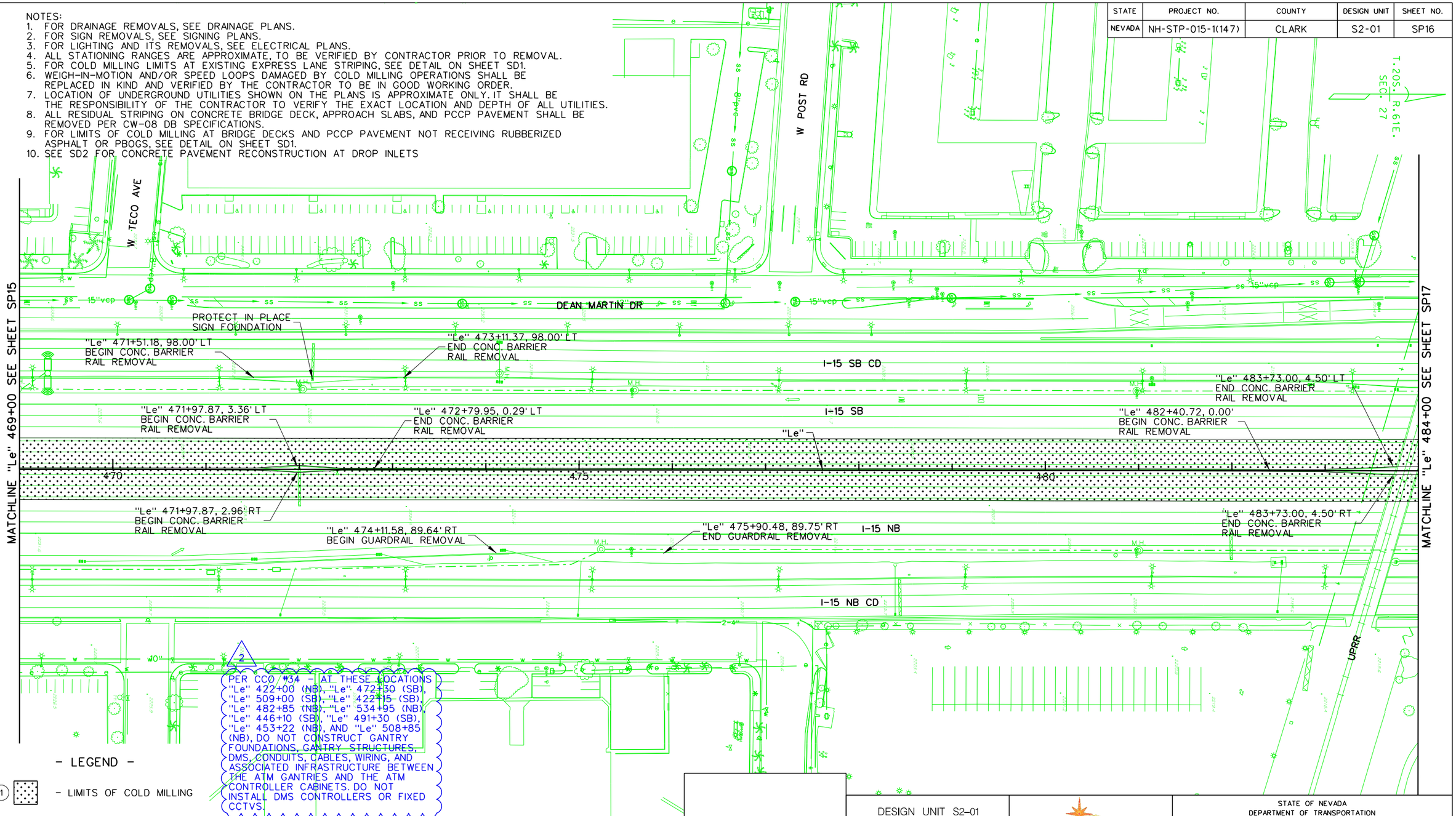
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NOTES:
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP16



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP16	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 469+00 TO "Le" 484+00

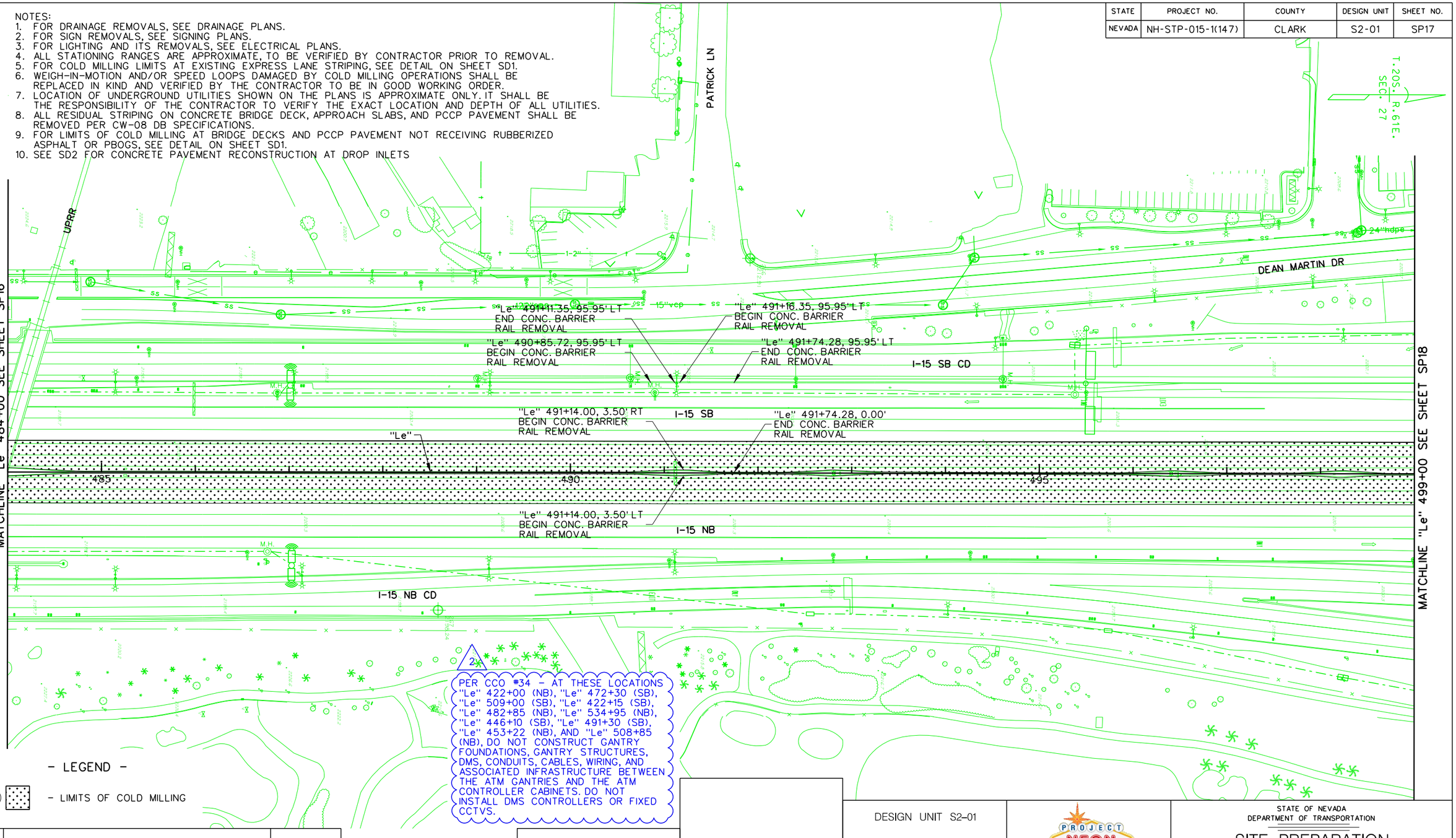
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP17

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
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1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP17	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 484+00 TO "Le" 499+00

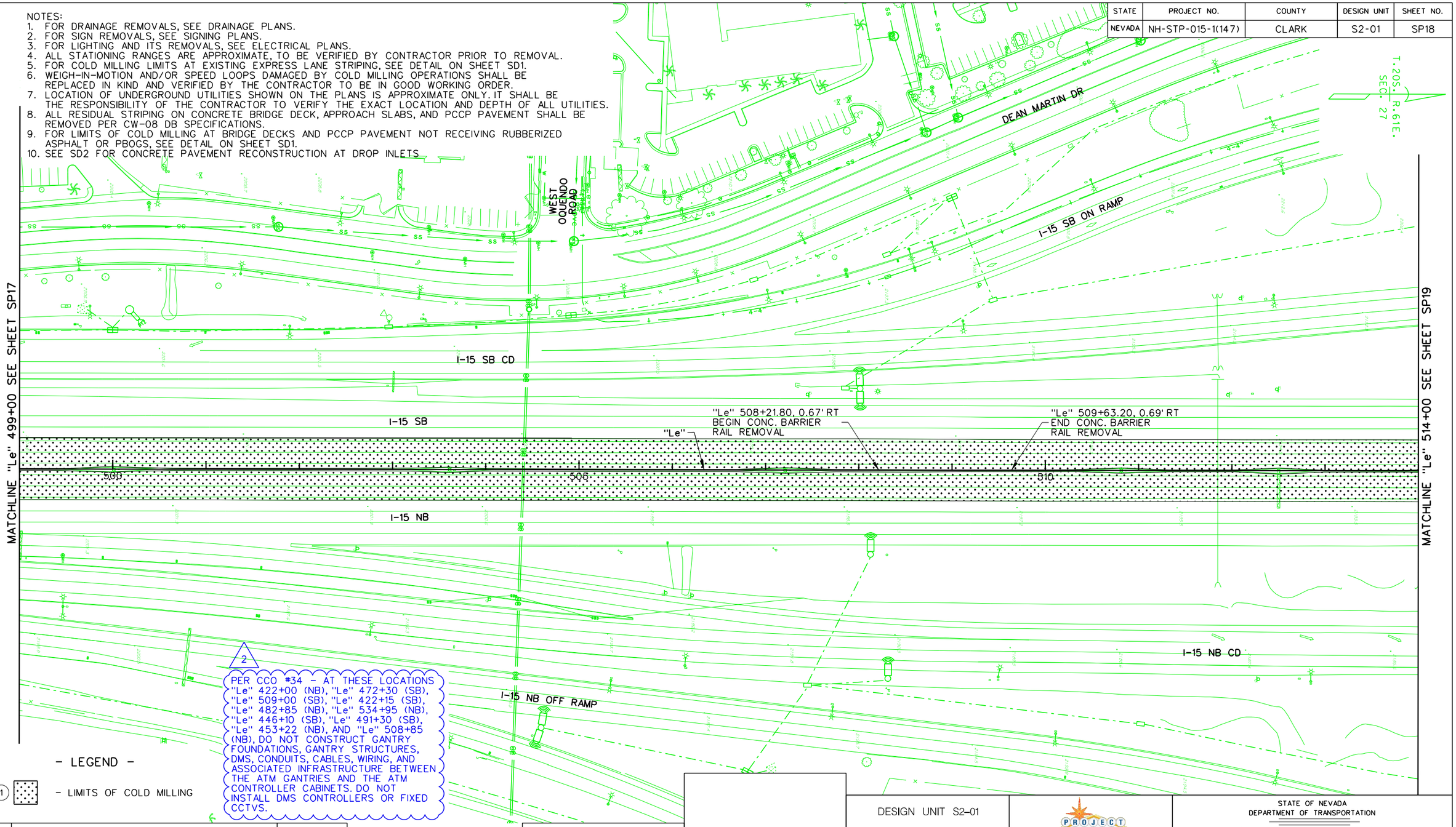
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NOTES:
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP18



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP18	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 499+00 TO "Le" 514+00

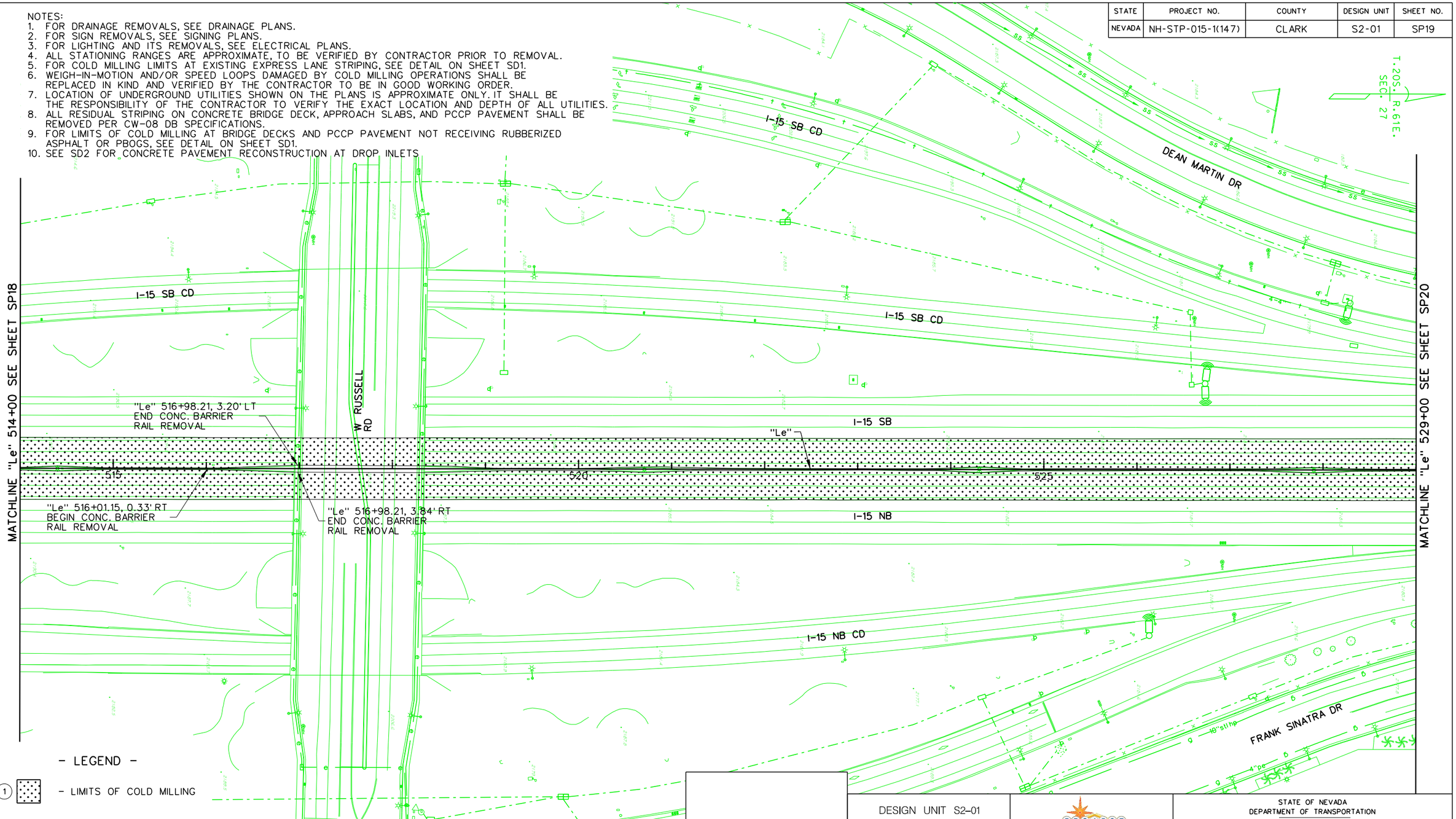
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP19

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
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- LEGEND -

(1) - LIMITS OF COLD MILLING

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0	RFC - 73652-S2-01-ATK-SHT10SP19	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 514+00 TO "Le" 529+00

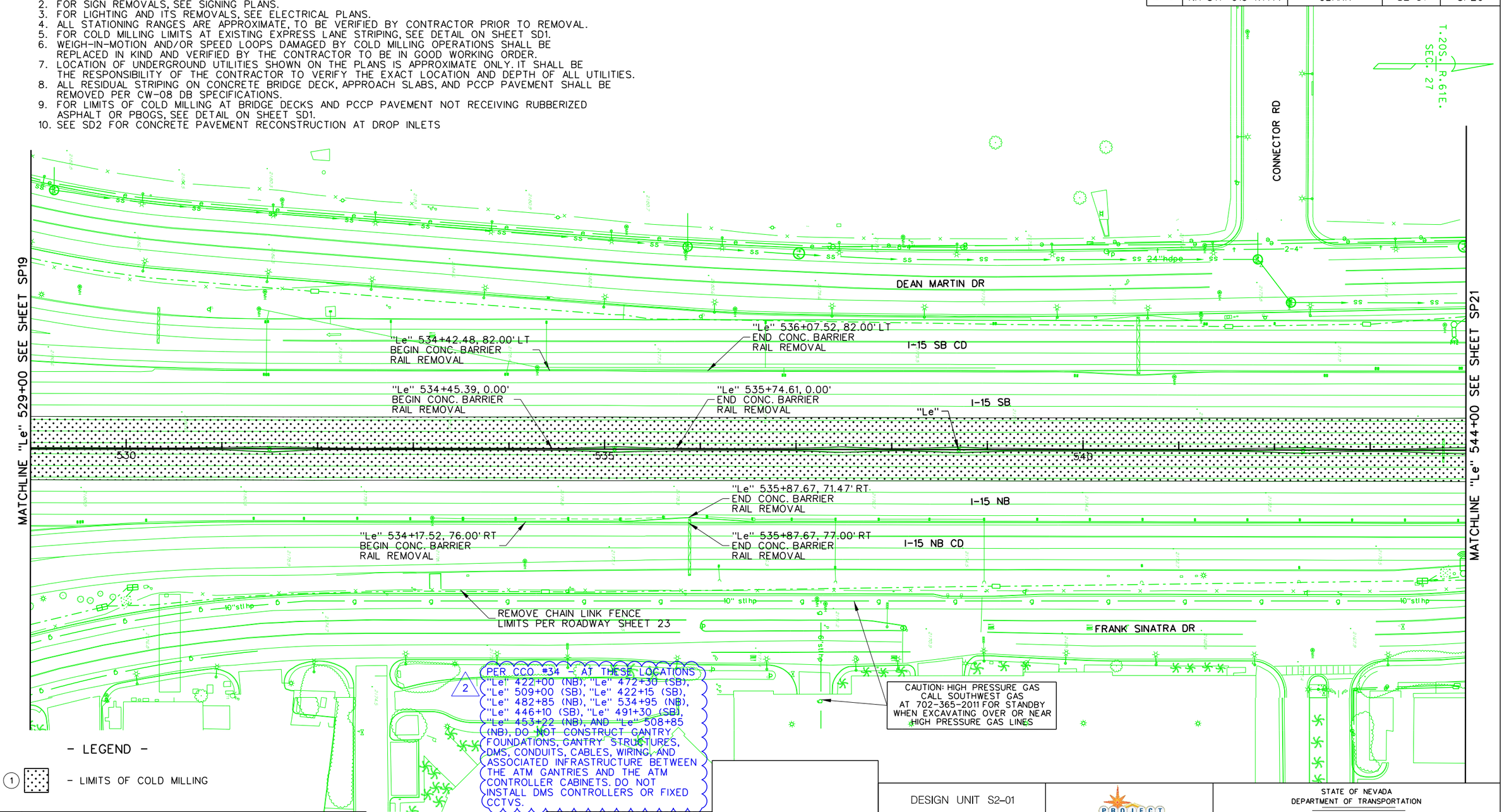
ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP20

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
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10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS



NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP20	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION
REMOVAL DETAILS
"Le" 529+00 TO "Le" 544+00

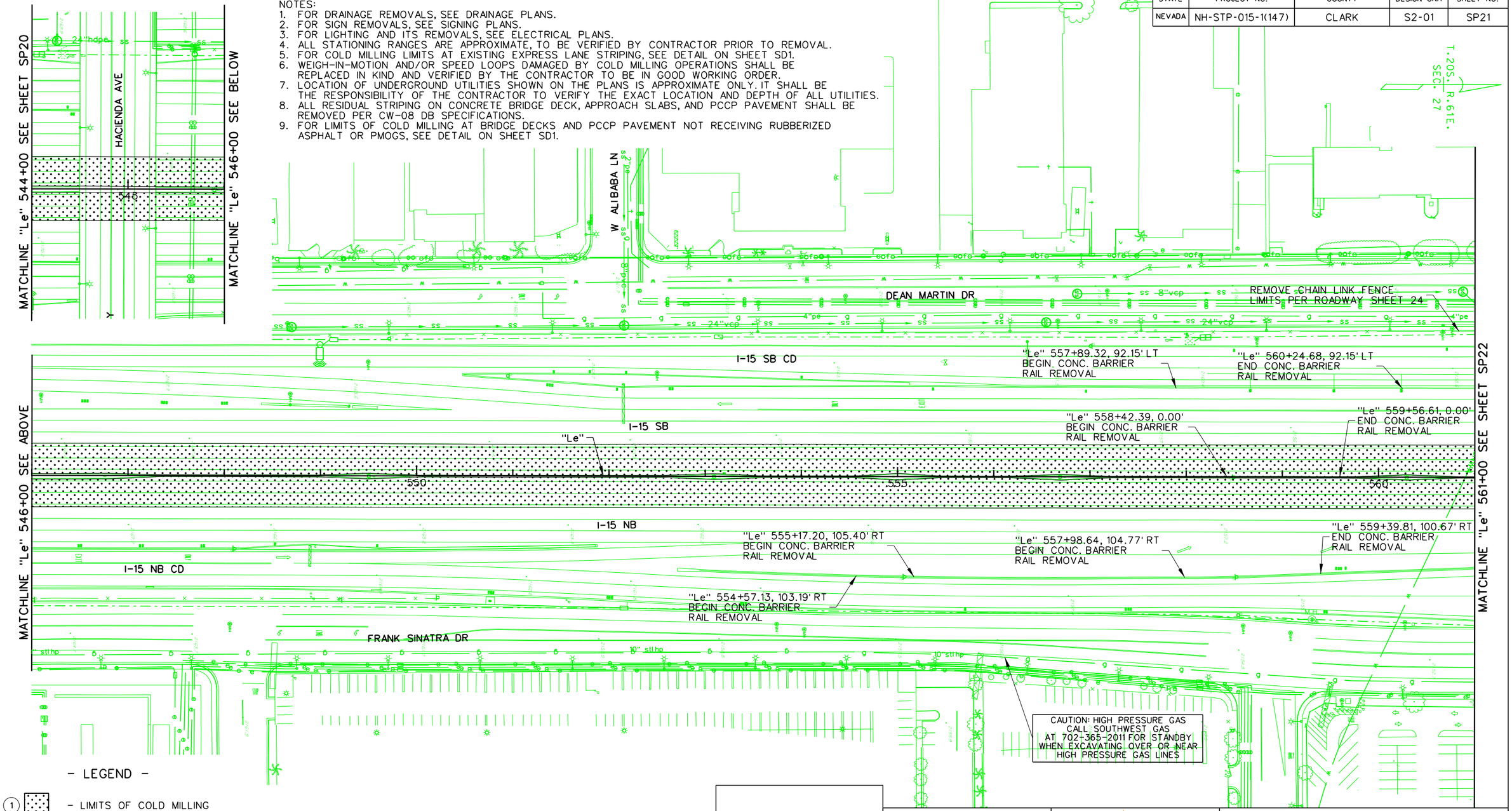
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP21

NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
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- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP21	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 544+00 TO "Le" 559+00

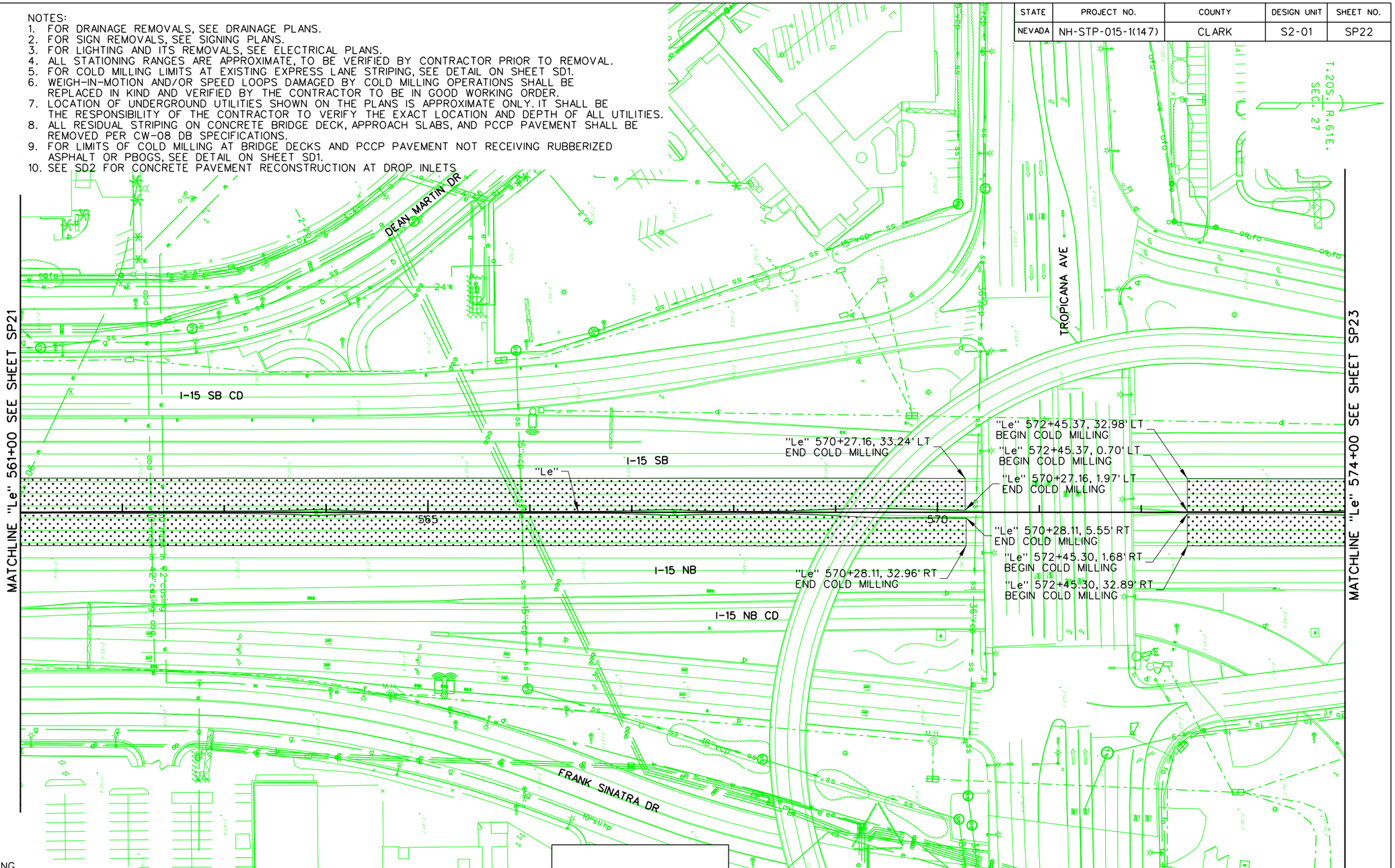
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP22



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP22	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 559+00 TO "Le" 574+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP23

T.20S., R.61E., SEC. 27

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

DEAN MARTIN DR

"Le" 578+50.42, 0.00'
BEGIN CONC. BARRIER
RAIL REMOVAL

"Le" 582+40.42, 0.00'
BEGIN CONC. BARRIER
RAIL REMOVAL

I-15 SB

"Le" 579+49.58, 0.00'
END CONC. BARRIER
RAIL REMOVAL

"Le" 583+49.58, 0.00'
END CONC. BARRIER
RAIL REMOVAL

I-15 NB

"Le"

575

580

585

MATCHLINE "Le" 574+00 SEE SHEET SP22

MATCHLINE "Le" 589+00 SEE SHEET SP24

FRANK SINATRA DR

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP23	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 574+00 TO "Le" 589+00

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NOTES:
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP24

T.20S., R.61E., SEC. 27

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

DEAN MARTIN DR

W HARMON AVE

I-15 SB

I-15 NB

FRANK SINATRA DR

"Le"

590 595 600

MATCHLINE "Le" 589+00 SEE SHEET SP23

MATCHLINE "Le" 604+00 SEE SHEET SP25

- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP24	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 589+00 TO "Le" 604+00

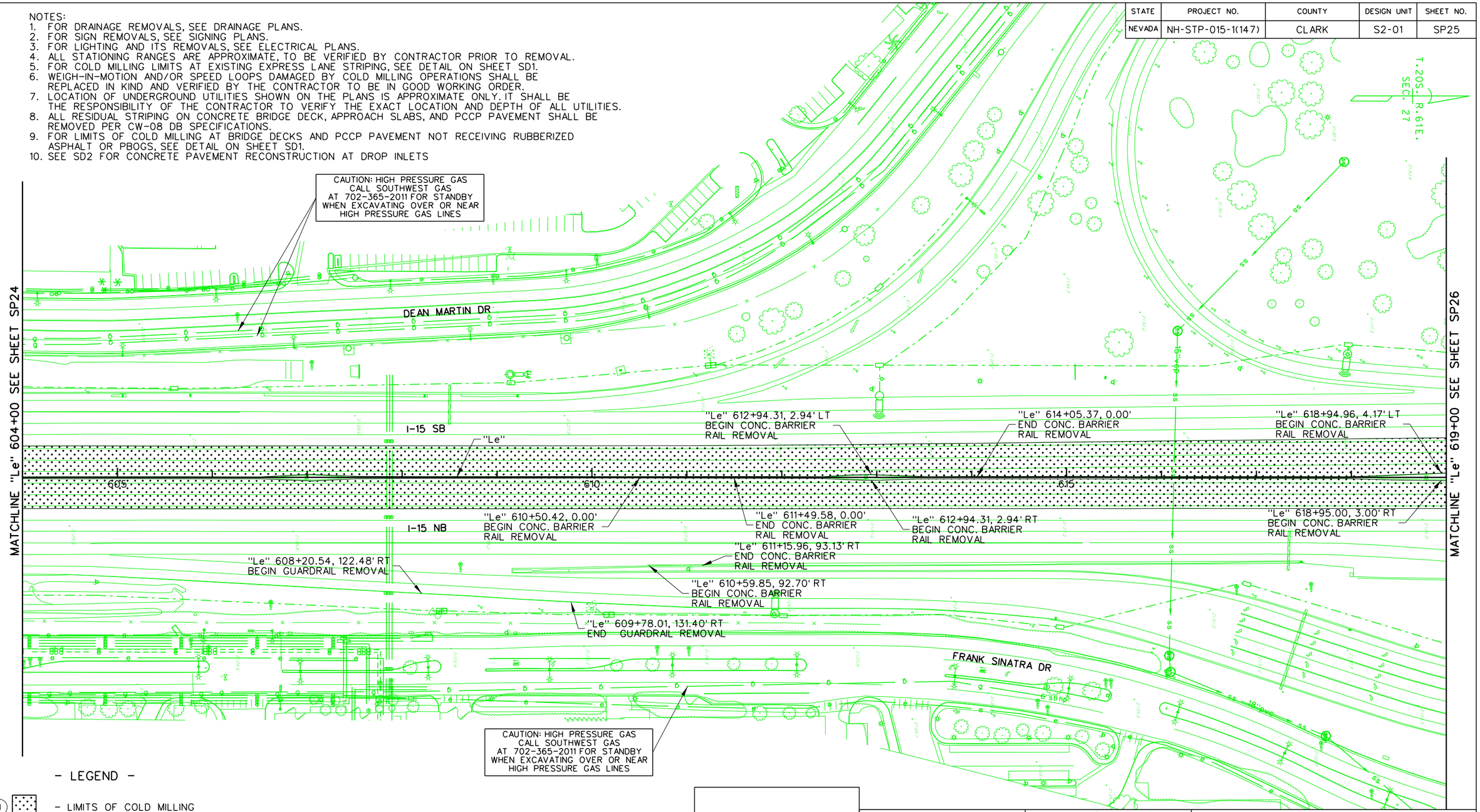
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP25



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP25	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 604+00 TO "Le" 619+00

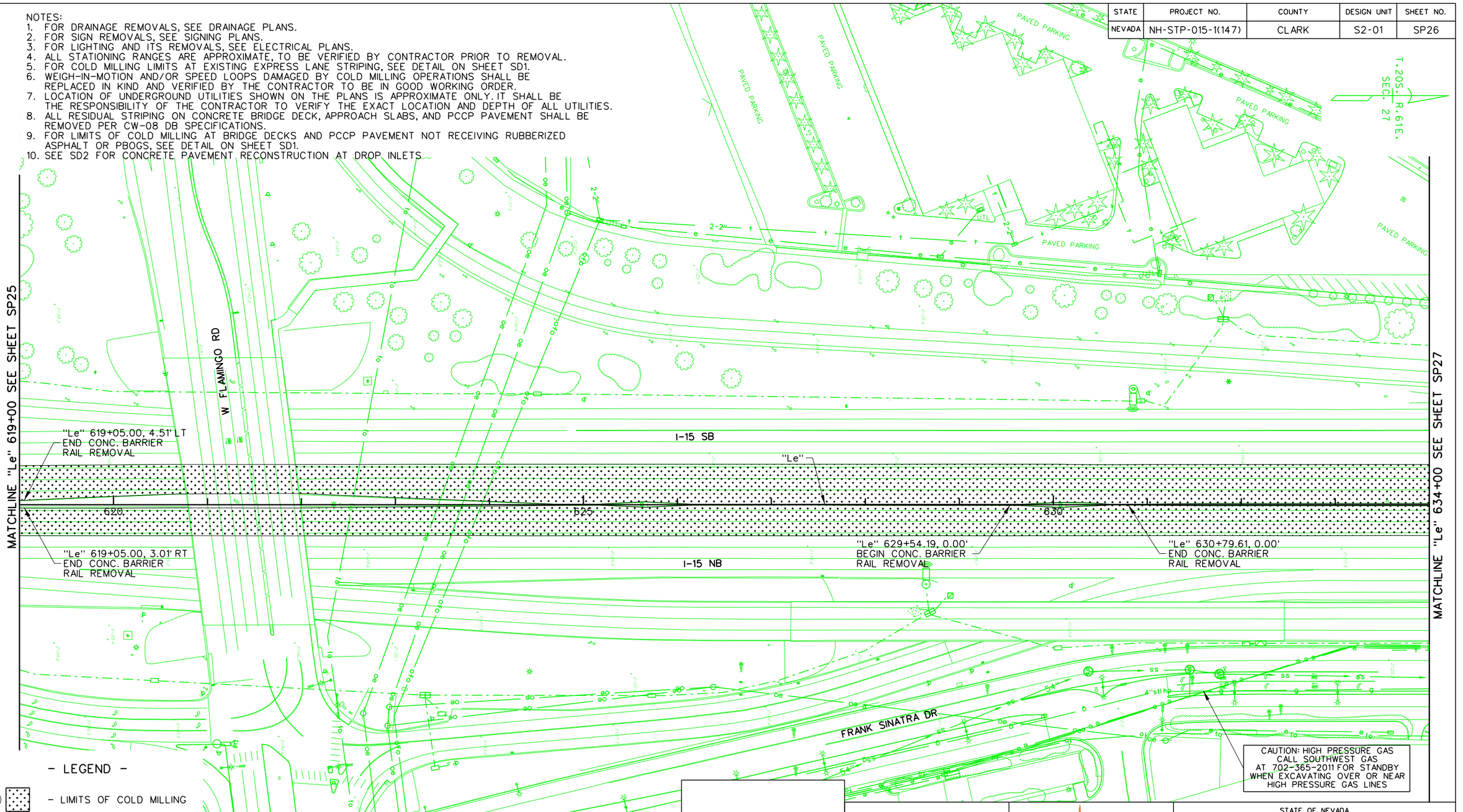
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP26



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP26	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 619+00 TO "Le" 634+00

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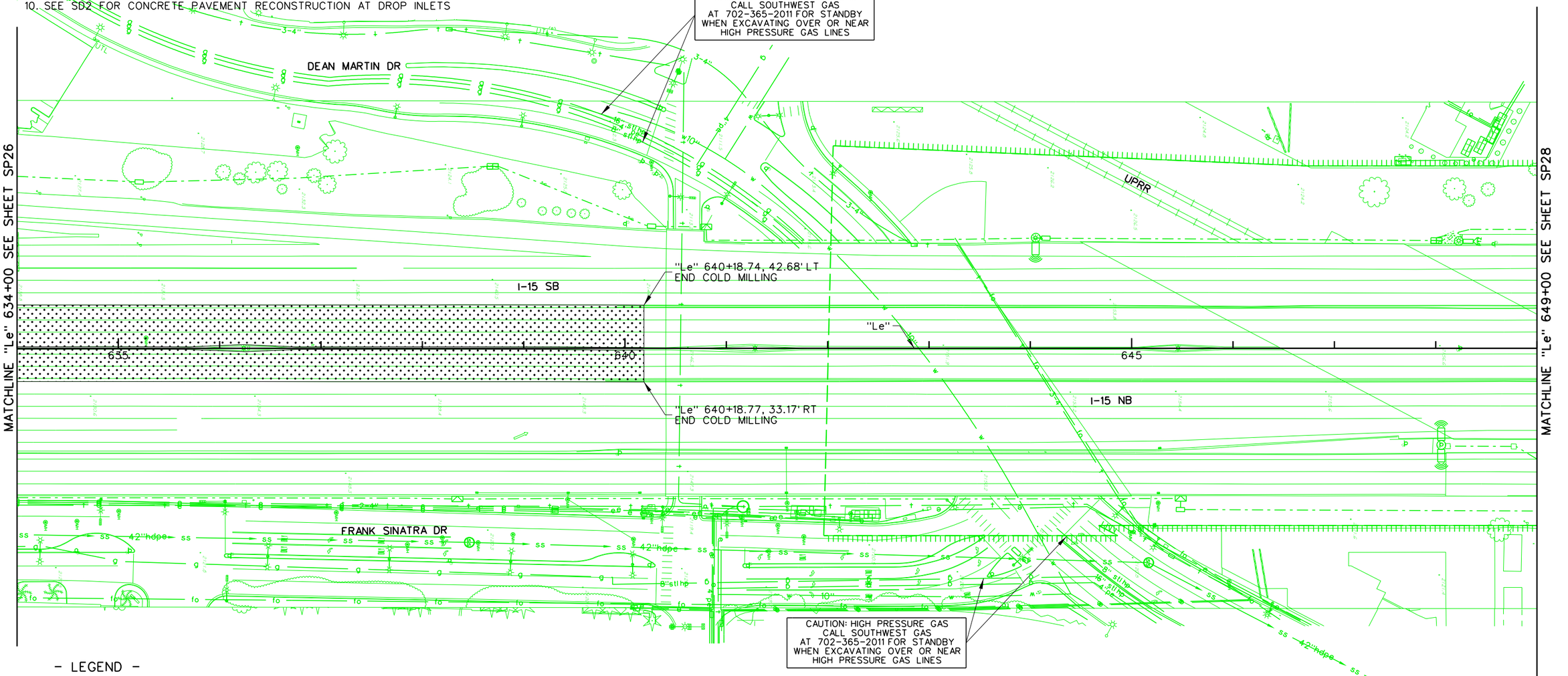
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP27

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T.20S., R.61E., SEC. 27

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HIGH PRESSURE GAS LINES



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- LEGEND -

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS
"Le" 634+00 TO "Le" 649+00

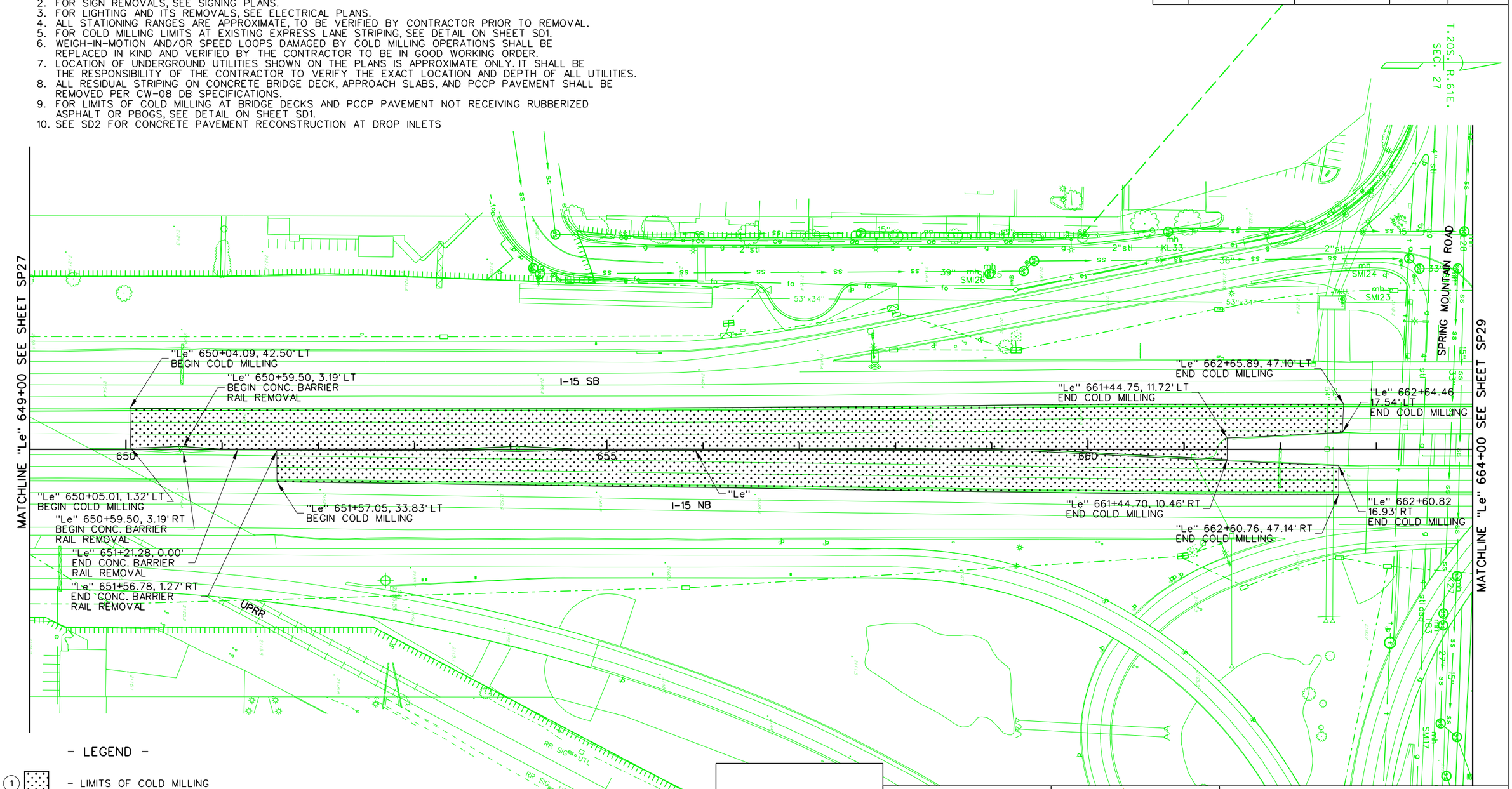
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP28

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- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP28	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION
REMOVAL DETAILS
"Le" 649+00 TO "Le" 664+00

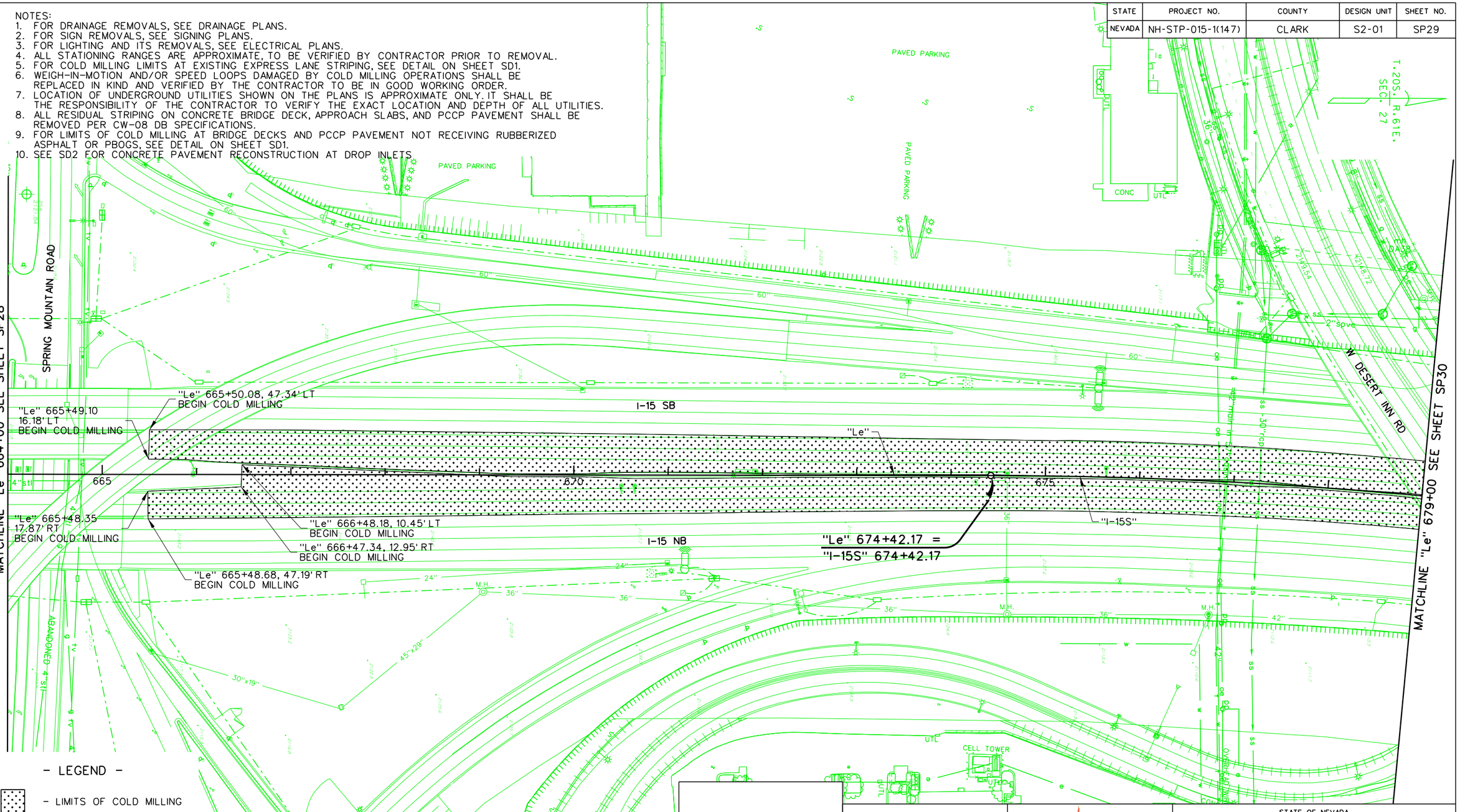
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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
6. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
7. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS IS APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
8. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS, AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
9. FOR LIMITS OF COLD MILLING AT BRIDGE DECKS AND PCCP PAVEMENT NOT RECEIVING RUBBERIZED ASPHALT OR PBOGS, SEE DETAIL ON SHEET SD1.
10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP29



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP29	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION REMOVAL DETAILS "Le" 664+00 TO "I-15S" 679+00

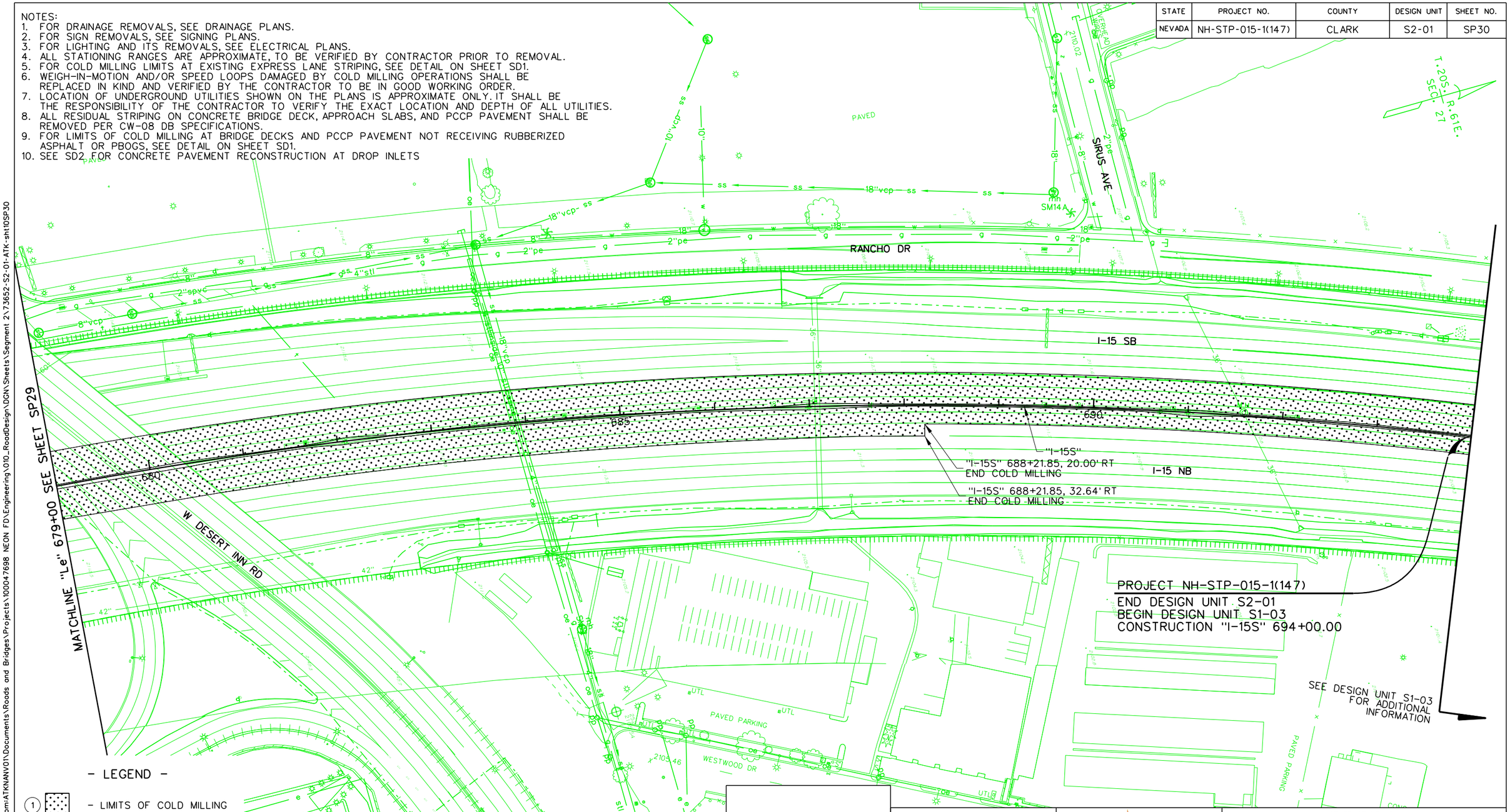
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NOTES:
1. FOR DRAINAGE REMOVALS, SEE DRAINAGE PLANS.
2. FOR SIGN REMOVALS, SEE SIGNING PLANS.
3. FOR LIGHTING AND ITS REMOVALS, SEE ELECTRICAL PLANS.
4. ALL STATIONING RANGES ARE APPROXIMATE, TO BE VERIFIED BY CONTRACTOR PRIOR TO REMOVAL.
5. FOR COLD MILLING LIMITS AT EXISTING EXPRESS LANE STRIPING, SEE DETAIL ON SHEET SD1.
6. WEIGH-IN-MOTION AND/OR SPEED LOOPS DAMAGED BY COLD MILLING OPERATIONS SHALL BE REPLACED IN KIND AND VERIFIED BY THE CONTRACTOR TO BE IN GOOD WORKING ORDER.
7. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS IS APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES.
8. ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS, AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.
9. FOR LIMITS OF COLD MILLING AT BRIDGE DECKS AND PCCP PAVEMENT NOT RECEIVING RUBBERIZED ASPHALT OR PBOGS, SEE DETAIL ON SHEET SD1.
10. SEE SD2 FOR CONCRETE PAVEMENT RECONSTRUCTION AT DROP INLETS

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	SP30



- LEGEND -

(1) - LIMITS OF COLD MILLING

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT10SP30	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SITE PREPARATION
REMOVAL DETAILS
"I-15S" 679+00 TO "I-15S" 694+00

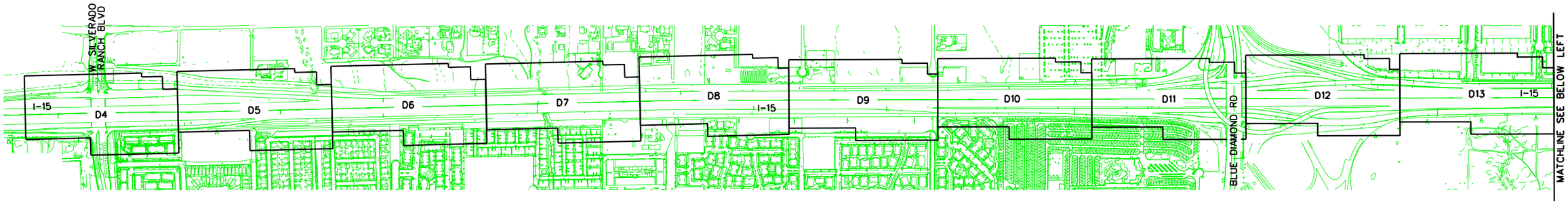
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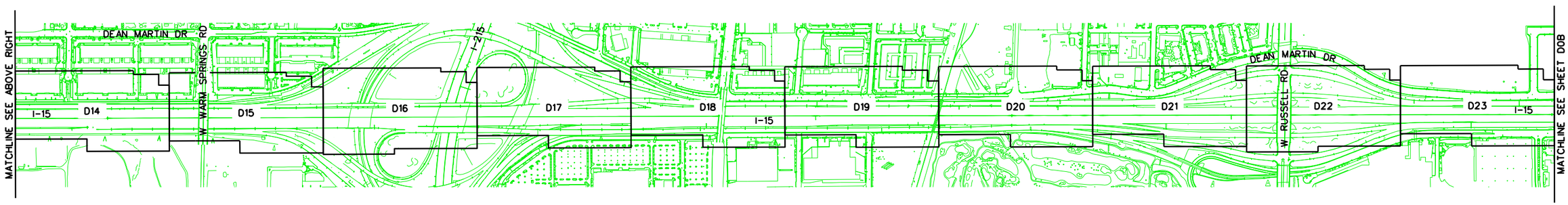
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D0A

NOTE: DRAINAGE PLAN SHEET NUMBERING MATCHES ROADWAY PLAN SHEET NUMBERING AND STARTS FROM D4.
D1 TO D3 NOT USED





NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD00A	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN KEY MAP

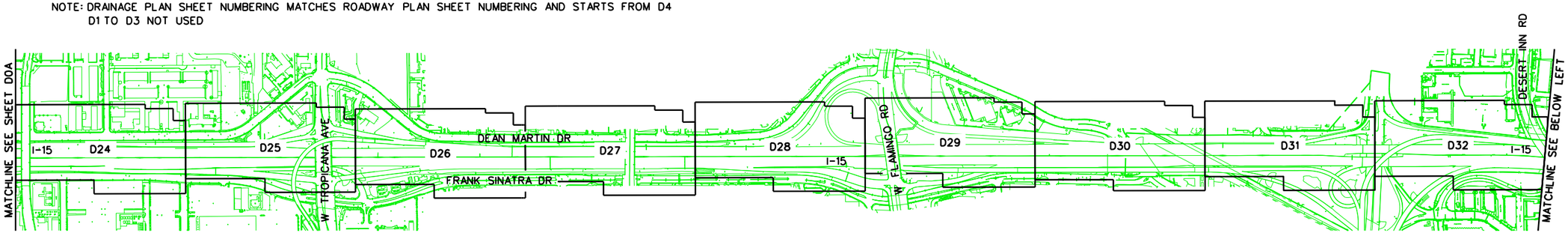
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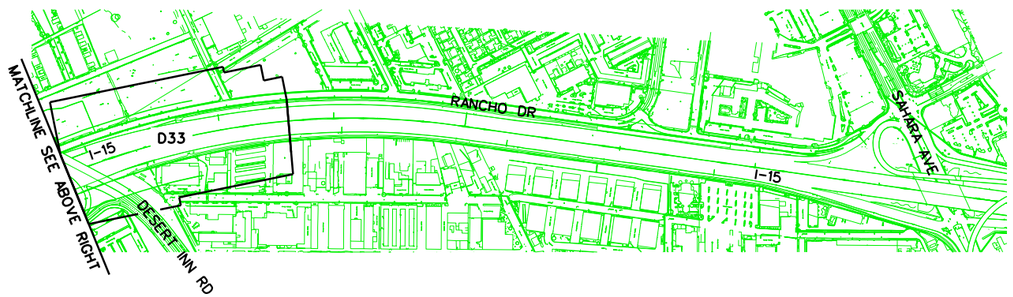
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D0B

NOTE: DRAINAGE PLAN SHEET NUMBERING MATCHES ROADWAY PLAN SHEET NUMBERING AND STARTS FROM D4
D1 TO D3 NOT USED





NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD00B	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN KEY MAP

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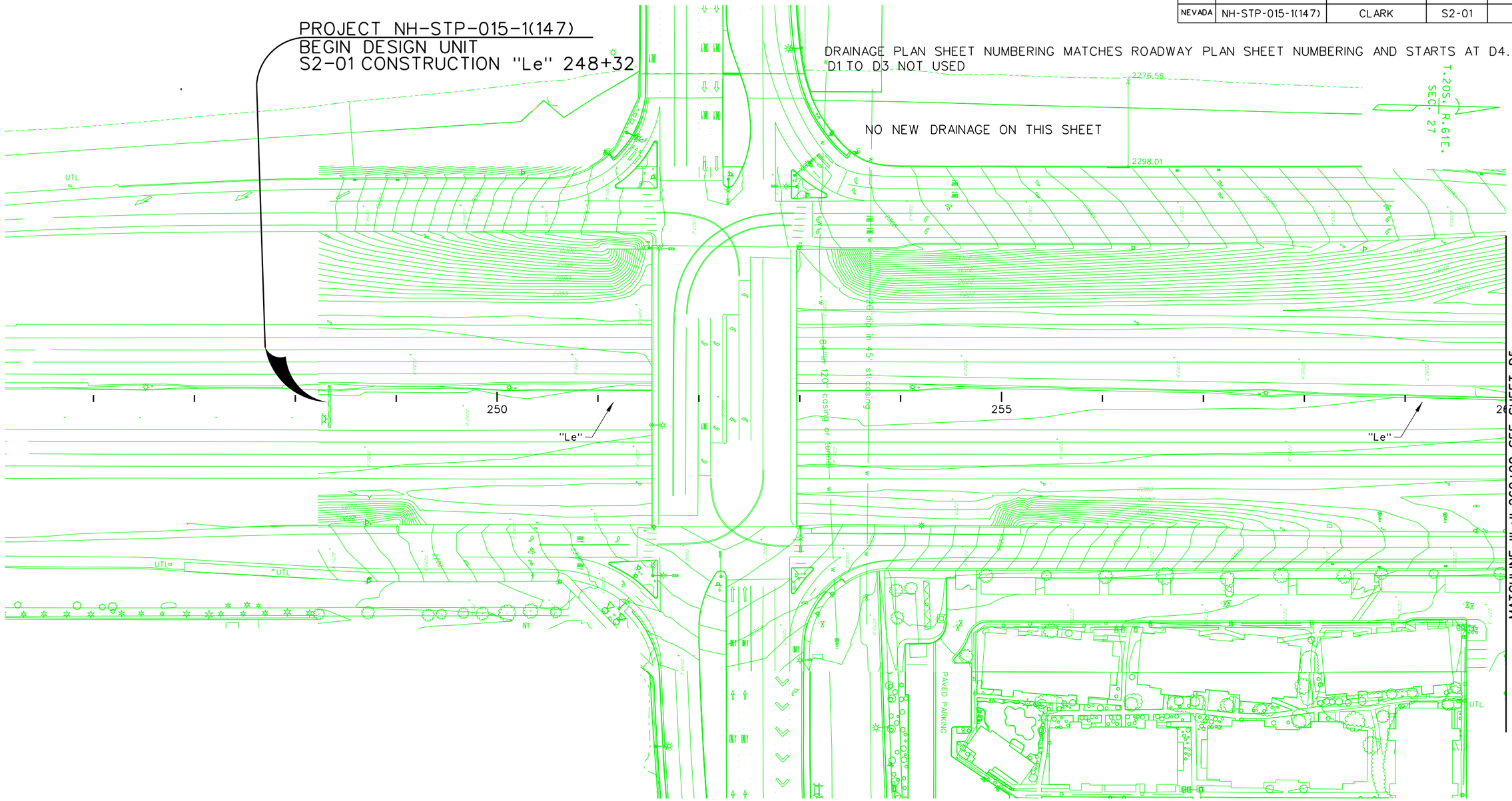
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D4

PROJECT NH-STP-015-1(147)
BEGIN DESIGN UNIT
S2-01 CONSTRUCTION "Le" 248+32

DRAINAGE PLAN SHEET NUMBERING MATCHES ROADWAY PLAN SHEET NUMBERING AND STARTS AT D4.
D1 TO D3 NOT USED

NO NEW DRAINAGE ON THIS SHEET



NOTES:
SEE SHEET 3A FOR GENERAL NOTES,
LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD04	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

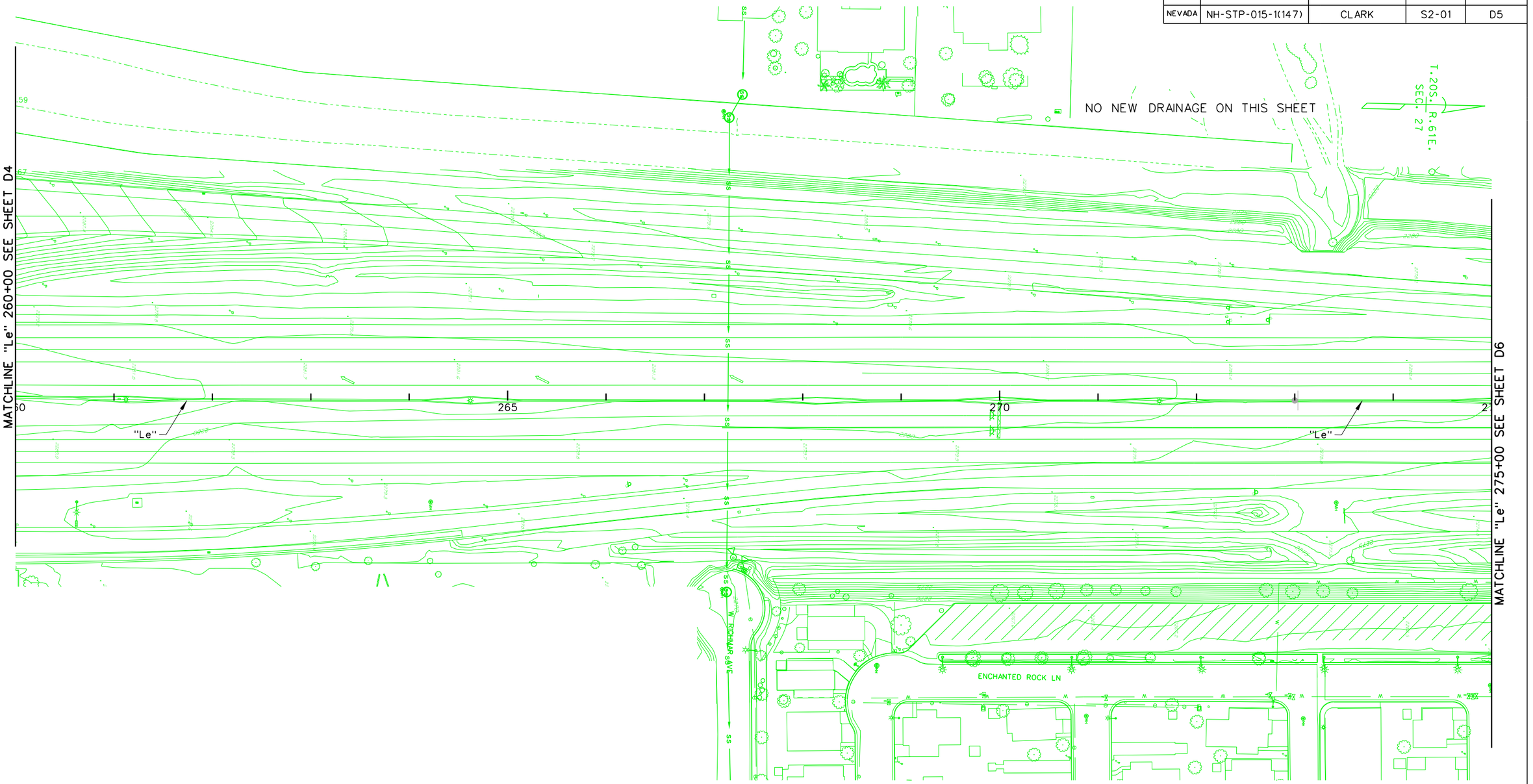
DRAINAGE PLAN
"Le" 248+32 TO "Le" 260+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D5



NOTES:
SEE SHEET 3A FOR GENERAL NOTES,
LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT12AD05	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 260+00 TO "Le" 275+00

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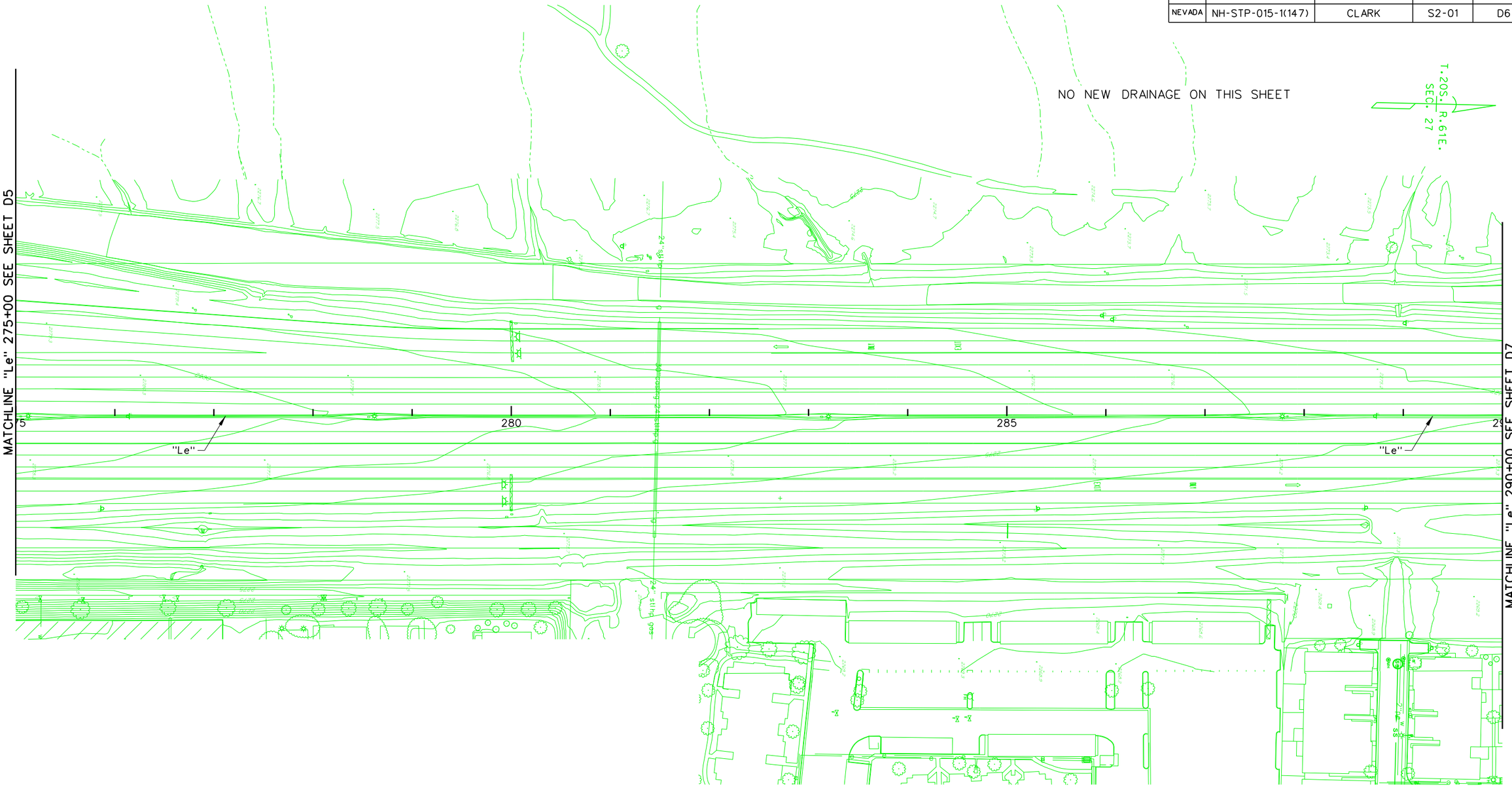
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NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D6

NO NEW DRAINAGE ON THIS SHEET

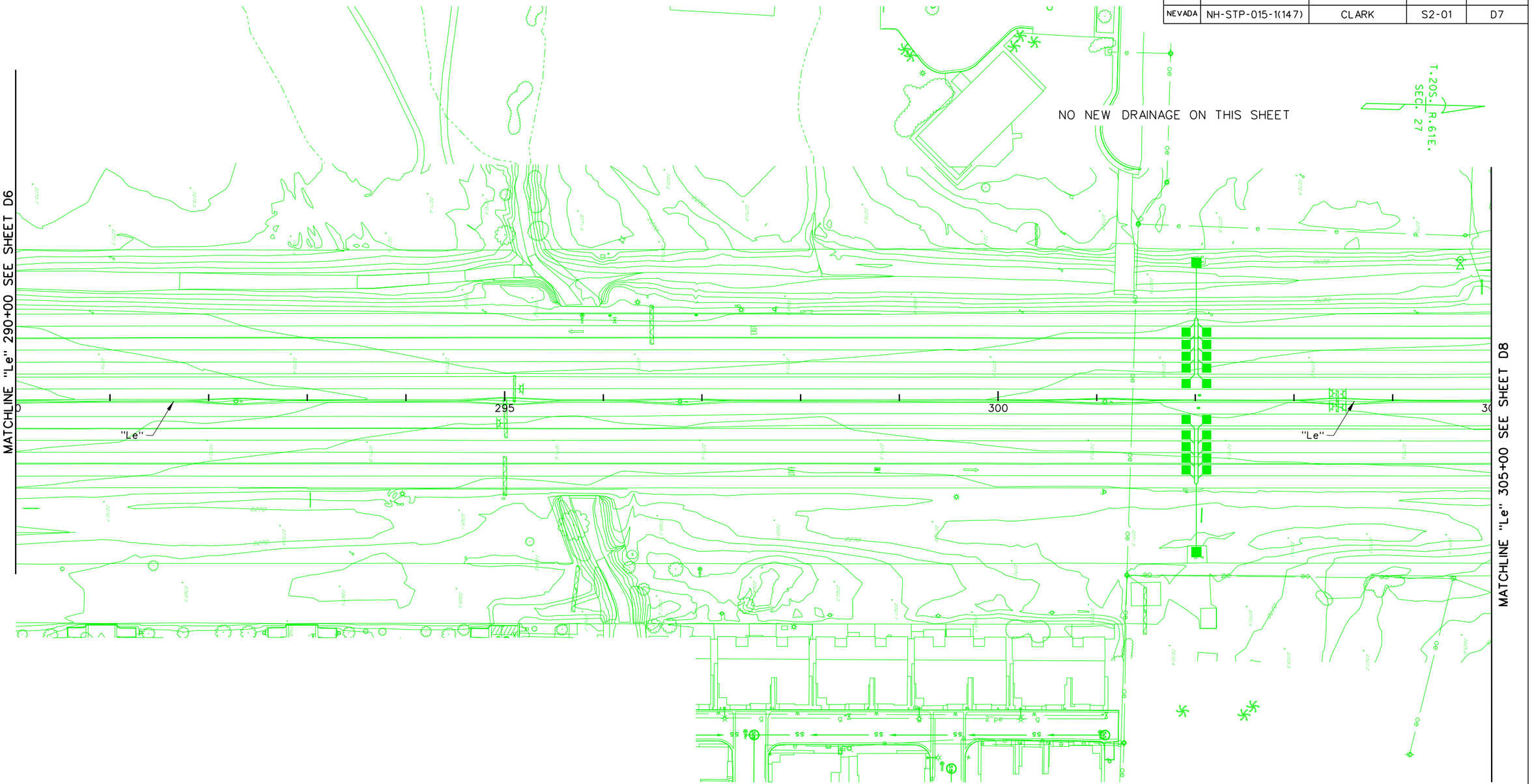
T.20S., R.61E., SEC. 27

MATCHLINE "Le" 275+00 SEE SHEET D5

MATCHLINE "Le" 290+00 SEE SHEET D7


275
280
285
"Le"
"Le"
2.4% Slope
Existing 24" SSMH
Existing 24" SSMH
Existing 24" SSMH

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D7



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD07	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 290+00 TO "Le" 305+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D8

NO NEW DRAINAGE ON THIS SHEET

T.20S., R.61E., SEC. 27

W TORIN

MATCHLINE I-15N 305+00.00 SEE SHEET D7

MATCHLINE "Le" 319+50 SEE SHEET D9

305

310

315

"Le"

"Le"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD08	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 305+00 TO "Le" 319+50

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D9

NO NEW DRAINAGE ON THIS SHEET

T.20S.; R.61E.; SEC. 27

MATCHLINE "Le" 319+50 SEE SHEET D8

MATCHLINE "Le" 334+00 SEE SHEET D10

320 325 330

"Le" "Le"

SS SS SS

SS

SAHARA RAMP

NSWORTH ST

12" DIP

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD09	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 319+50 TO "Le" 334+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D10

MATCHLINE "Le" 334+00 SEE SHEET D9

NO NEW DRAINAGE ON THIS SHEET

T.20S.; R.61E.; SEC. 27

1224
226842

335

340

345

"Le"

"Le"

CARAVAN

MATCHLINE "Le" 349+00 SEE SHEET D11

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD10	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

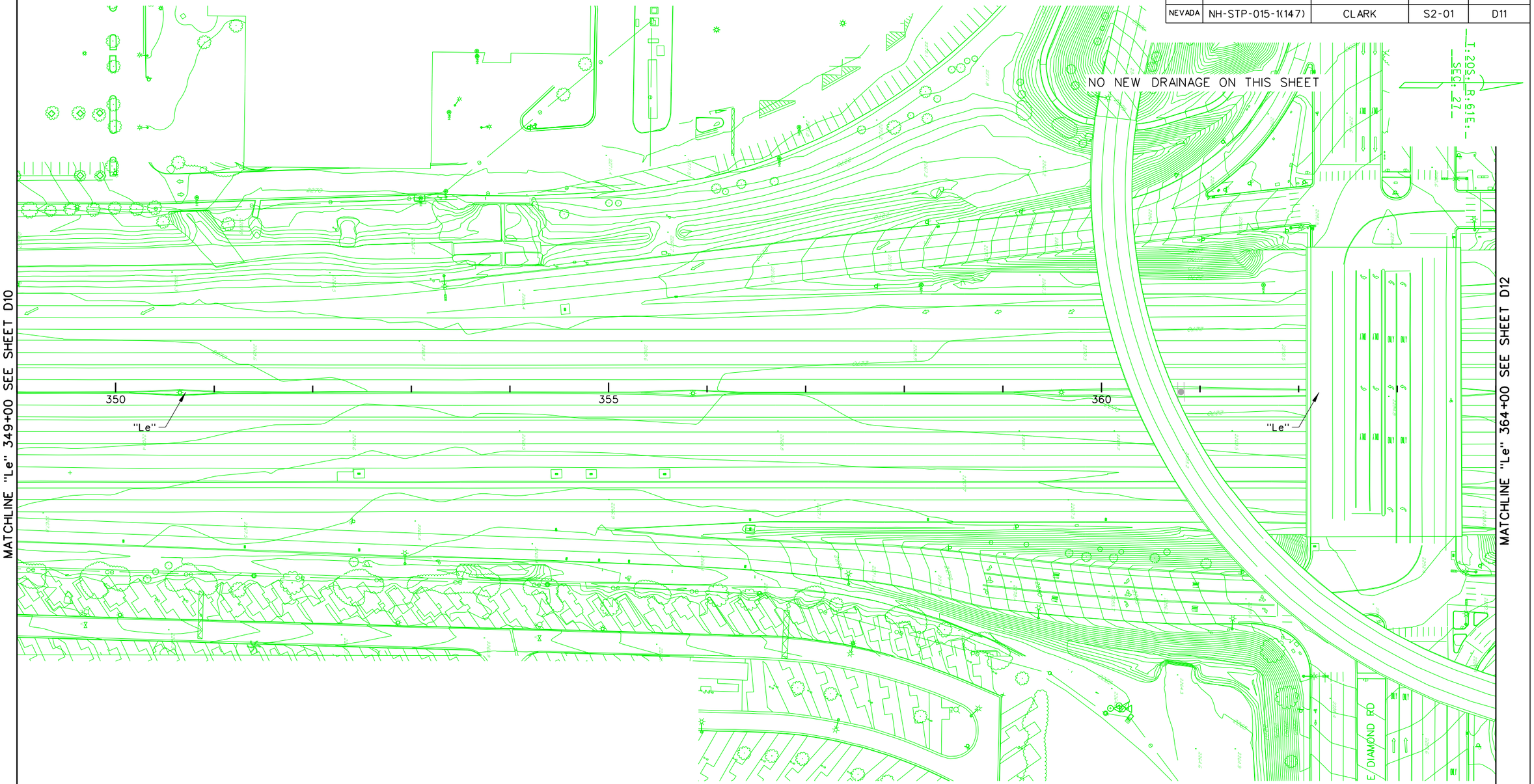
DRAINAGE PLAN
"Le" 334+00 TO "Le" 349+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D11



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD11	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 349+00 TO "Le" 364+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D12

NO NEW DRAINAGE ON THIS SHEET

T.22S.; R.61E.; SEC. 27

MATCHLINE "Le" 364+00 SEE SHEET D11

MATCHLINE "Le" 379+00 SEE SHEET D13

365

370

375

"Le"

"Le"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD12	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 364+00 TO "Le" 379+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D13

NO NEW DRAINAGE ON THIS SHEET

T.20S.; R.61E.; SEC. 27

MATCHLINE "Le" 379+00 SEE SHEET D12

MATCHLINE "Le" 394+00 SEE SHEET D14

380 385 390

"Le" "Le"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD13	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 379+00 TO "Le" 394+00

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REVIEWED BY BAJ

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D14

T.22S.; R.61E.; SEC. 27

NO NEW DRAINAGE ON THIS SHEET

MATCHLINE "Le" 394+00 SEE SHEET D13

MATCHLINE "Le" 409+00 SEE SHEET D15

395 400 405

"Le" "Le"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD14	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 394+00 TO "Le" 409+00

ATKINS
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D15

NO NEW DRAINAGE ON THIS SHEET

T.20S.; R.61E.; SEC. 27

W WARM SPRINGS RD

36"in 28"cc

410 415 420

"Le"

"Le"

MATCHLINE "Le" 409+00 SEE SHEET D14

MATCHLINE "Le" 424+00 SEE SHEET D16

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD15	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 409+00 TO "Le" 424+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D16

MATCHLINE "Le" 424+00 SEE SHEET D15

NO NEW DRAINAGE ON THIS SHEET

T.22S.; R.61E.; SEC. 27

425

430

435

"Le"

"Le"

MATCHLINE "Le" 439+00 SEE SHEET D17

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD16	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 424+00 TO "Le" 439+00

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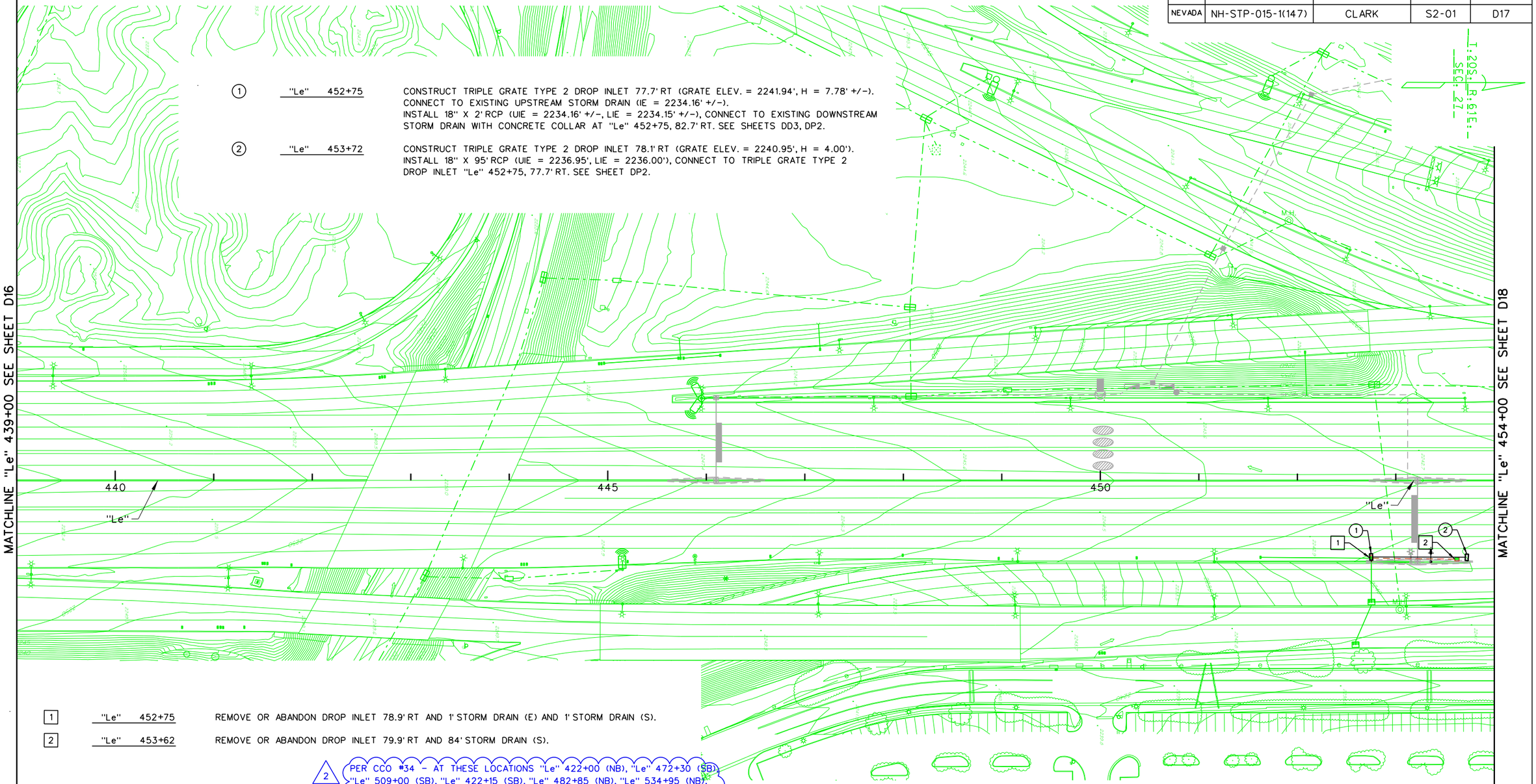
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D17

MATCHLINE "Le" 439+00 SEE SHEET D16

MATCHLINE "Le" 454+00 SEE SHEET D18

I-205; R:61E; SEC: 27



① "Le" 452+75 — CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 77.7' RT (GRATE ELEV. = 2241.94', H = 7.78' +/-). CONNECT TO EXISTING UPSTREAM STORM DRAIN (IE = 2234.16' +/-). INSTALL 18" X 2' RCP (UIE = 2234.16' +/-, LIE = 2234.15' +/-), CONNECT TO EXISTING DOWNSTREAM STORM DRAIN WITH CONCRETE COLLAR AT "Le" 452+75, 82.7' RT. SEE SHEETS DD3, DP2.

② "Le" 453+72 — CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 78.1' RT (GRATE ELEV. = 2240.95', H = 4.00'). INSTALL 18" X 95' RCP (UIE = 2236.95', LIE = 2236.00'), CONNECT TO TRIPLE GRATE TYPE 2 DROP INLET "Le" 452+75, 77.7' RT. SEE SHEET DP2.

[1] "Le" 452+75 — REMOVE OR ABANDON DROP INLET 78.9' RT AND 1' STORM DRAIN (E) AND 1' STORM DRAIN (S).

[2] "Le" 453+62 — REMOVE OR ABANDON DROP INLET 79.9' RT AND 84' STORM DRAIN (S).

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD17	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 439+00 TO "Le" 454+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D18

MATCHLINE "Le" 454+00 SEE SHEET D17

MATCHLINE "Le" 469+00 SEE SHEET D19

T:22S; R:61E; SEC:27

NO NEW DRAINAGE ON THIS SHEET

455 460 465

"Le" "Le"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD18	12/20/16

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AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

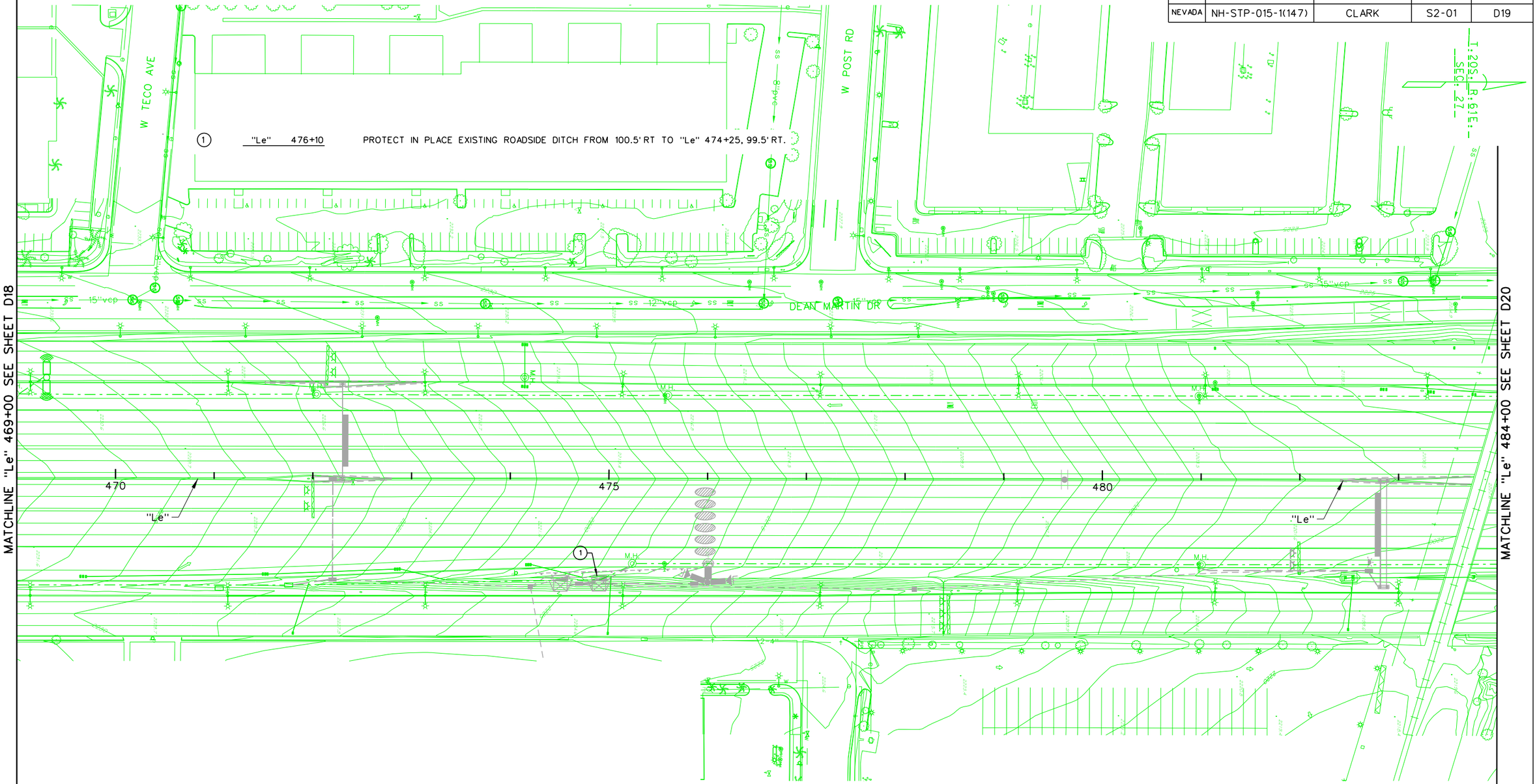
DRAINAGE PLAN
"Le" 454+00 TO "Le" 469+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D19



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD19	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 469+00 TO "Le" 484+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D20

MATCHLINE "Le" 484+00 SEE SHEET D19

NO NEW DRAINAGE ON THIS SHEET

T.20S.; R.61E.; SEC. 27

DEAN MARTIN DR

12"Vcep

15"vcp

24"hdpe

M.H.

485

490

495

"Le"

"Le"

MATCHLINE "Le" 499+00 SEE SHEET D21

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD20	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 484+00 TO "Le" 499+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D21

① "Le" 508+55 — CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 78.1' RT (GRATE ELEV. = 2197.44', H = 4.57'). INSTALL 18" X 52' CMP EMBANKMENT PROTECTOR OUTLETTING TO "Le" 508+55, 133.2' RT. (UIE = 2192.87', LIE = 2186.54'). INSTALL METAL END SECTION (SAFETY TYPE) AND CLASS 150 RIPRAP AT OUTLET. SEE SHEETS DD4, DD6, DP2.

② "Le" 508+85 — CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 77.8' RT (GRATE ELEV. = 2197.25.', H = 4.00'). INSTALL 18" X 28' RCP (UIE = 2193.25', LIE = 2192.97'). CONNECT TO TRIPLE GRATE TYPE 2 DROP INLET "Le" 508+55, 78.1' RT. SEE SHEET DP2.

③ "Le" 510+81 — CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET, 73.5' LT (GRATE ELEV. = 2195.41', H = 4.00'). INSTALL 18" X 14' RCP (UIE = 2191.41', LIE = 2190.97'), OUTLETTING TO "Le" 510+81, 90.0' LT. INSTALL PRECAST END SECTION AND CLASS 150 RIPRAP AT OUTLET. SEE SHEETS DD6, DP2.

T:22S; R:61E; SEC:27

MATCHLINE "Le" 499+00 SEE SHEET D20

MATCHLINE "Le" 514+00 SEE SHEET D22

500 505 510

"Le" "Le"

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD21	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 499+00 TO "Le" 514+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D22

MATCHLINE "Le" 514+00 SEE SHEET D21

MATCHLINE "Le" 529+00 SEE SHEET D23

NO NEW DRAINAGE ON THIS SHEET

T:22S; R:61E; SEC:27

515

520

525

"Le"

"Le"

49" st/hp

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD22	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 514+00 TO "Le" 529+00

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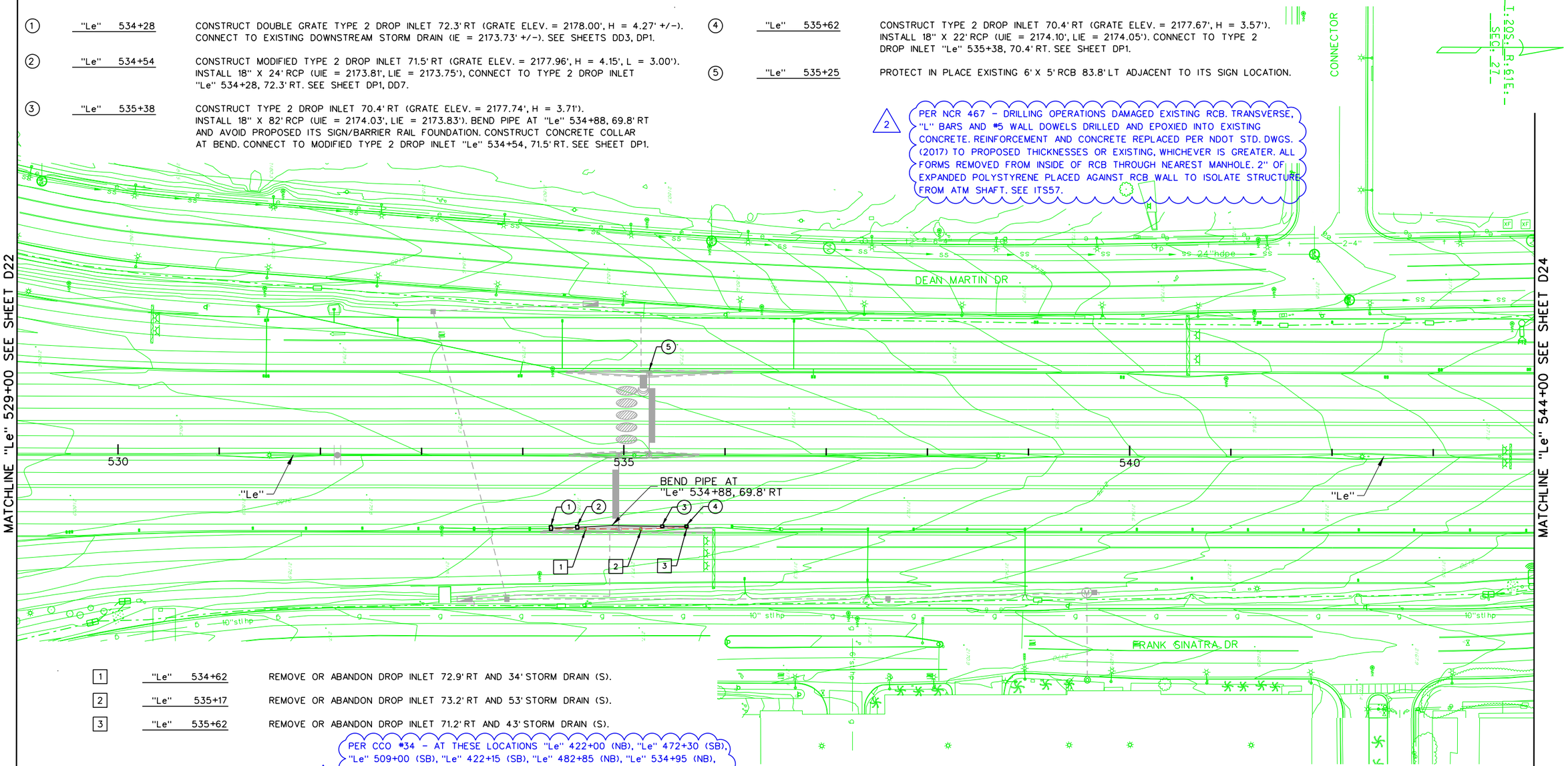
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D23

1	"Le" 534+28	CONSTRUCT DOUBLE GRATE TYPE 2 DROP INLET 72.3' RT (GRATE ELEV. = 2178.00', H = 4.27' +/-). CONNECT TO EXISTING DOWNSTREAM STORM DRAIN (IE = 2173.73' +/-). SEE SHEETS DD3, DP1.
2	"Le" 534+54	CONSTRUCT MODIFIED TYPE 2 DROP INLET 71.5' RT (GRATE ELEV. = 2177.96', H = 4.15', L = 3.00'). INSTALL 18" X 24' RCP (UIE = 2173.81', LIE = 2173.75'), CONNECT TO TYPE 2 DROP INLET "Le" 534+28, 72.3' RT. SEE SHEET DP1, DD7.
3	"Le" 535+38	CONSTRUCT TYPE 2 DROP INLET 70.4' RT (GRATE ELEV. = 2177.74', H = 3.71'). INSTALL 18" X 82' RCP (UIE = 2174.03', LIE = 2173.83'). BEND PIPE AT "Le" 534+88, 69.8' RT AND AVOID PROPOSED ITS SIGN/BARRIER RAIL FOUNDATION. CONSTRUCT CONCRETE COLLAR AT BEND. CONNECT TO MODIFIED TYPE 2 DROP INLET "Le" 534+54, 71.5' RT. SEE SHEET DP1.
4	"Le" 535+62	CONSTRUCT TYPE 2 DROP INLET 70.4' RT (GRATE ELEV. = 2177.67', H = 3.57'). INSTALL 18" X 22' RCP (UIE = 2174.10', LIE = 2174.05'). CONNECT TO TYPE 2 DROP INLET "Le" 535+38, 70.4' RT. SEE SHEET DP1.
5	"Le" 535+25	PROTECT IN PLACE EXISTING 6' X 5' RCB 83.8' LT ADJACENT TO ITS SIGN LOCATION.

2 PER NCR 467 - DRILLING OPERATIONS DAMAGED EXISTING RCB. TRANSVERSE, "L" BARS AND #5 WALL DOWELS DRILLED AND EPOXIED INTO EXISTING CONCRETE. REINFORCEMENT AND CONCRETE REPLACED PER NDOT STD. DWGS. (2017) TO PROPOSED THICKNESSES OR EXISTING, WHICHEVER IS GREATER. ALL FORMS REMOVED FROM INSIDE OF RCB THROUGH NEAREST MANHOLE. 2" OF EXPANDED POLYSTYRENE PLACED AGAINST RCB WALL TO ISOLATE STRUCTURE FROM ATM SHAFT. SEE ITS57.



1	"Le" 534+62	REMOVE OR ABANDON DROP INLET 72.9' RT AND 34' STORM DRAIN (S).
2	"Le" 535+17	REMOVE OR ABANDON DROP INLET 73.2' RT AND 53' STORM DRAIN (S).
3	"Le" 535+62	REMOVE OR ABANDON DROP INLET 71.2' RT AND 43' STORM DRAIN (S).

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
2	AS-BUILTS - NCR 467, CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD23	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 529+00 TO "Le" 544+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D24

T.21S. R.61E. SEC. 29

MANDALAY BAY RD

W ALIBABA LN

DEAN MARTIN DR

MATCHLINE "Le" 544+00 SEE SHEET D23

MATCHLINE "Le" 561+00 SEE SHEET D25

545 550 555 560

"Le" "Le"

1	"Le" 558+66	CONSTRUCT EMBANKMENT PROTECTOR TYPE 5-2G DROP INLET 85.7' LT (GRATE ELEV. = 2156.50', H = 2.87'). INSTALL 12" X 4' CMP (UIE = 2153.63', LIE = 2153.59'). CONNECT TO EXISTING ENCASED 12" CMP WITH COUPLING BAND AT "Le" 558+67, 92.1' LT. SEE SHEETS DD3, DD5, DP1.
2	"Le" 559+54	CONSTRUCT EMBANKMENT PROTECTOR TYPE 5-2G DROP INLET 86.0' LT (GRATE ELEV. = 2155.51', H = 2.03'). INSTALL 12" X 4' CMP (UIE = 2153.48', LIE = 2153.44'). CONNECT TO EXISTING ENCASED CMP WITH COUPLING BAND AT "Le" 559+54, 92.0' LT. SEE SHEETS DD3, DD5, DP1.
3	"Le" 560+23.50	PROTECT IN PLACE EXISTING DROP INLET 90.1' LT.

1	"Le" 558+67	REMOVE OR ABANDON DROP INLET 90.3' LT.
2	"Le" 559+54	REMOVE OR ABANDON DROP INLET 90.2' LT.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD24	12/20/16

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MAY 01, 2019

STATE OF NEVADA
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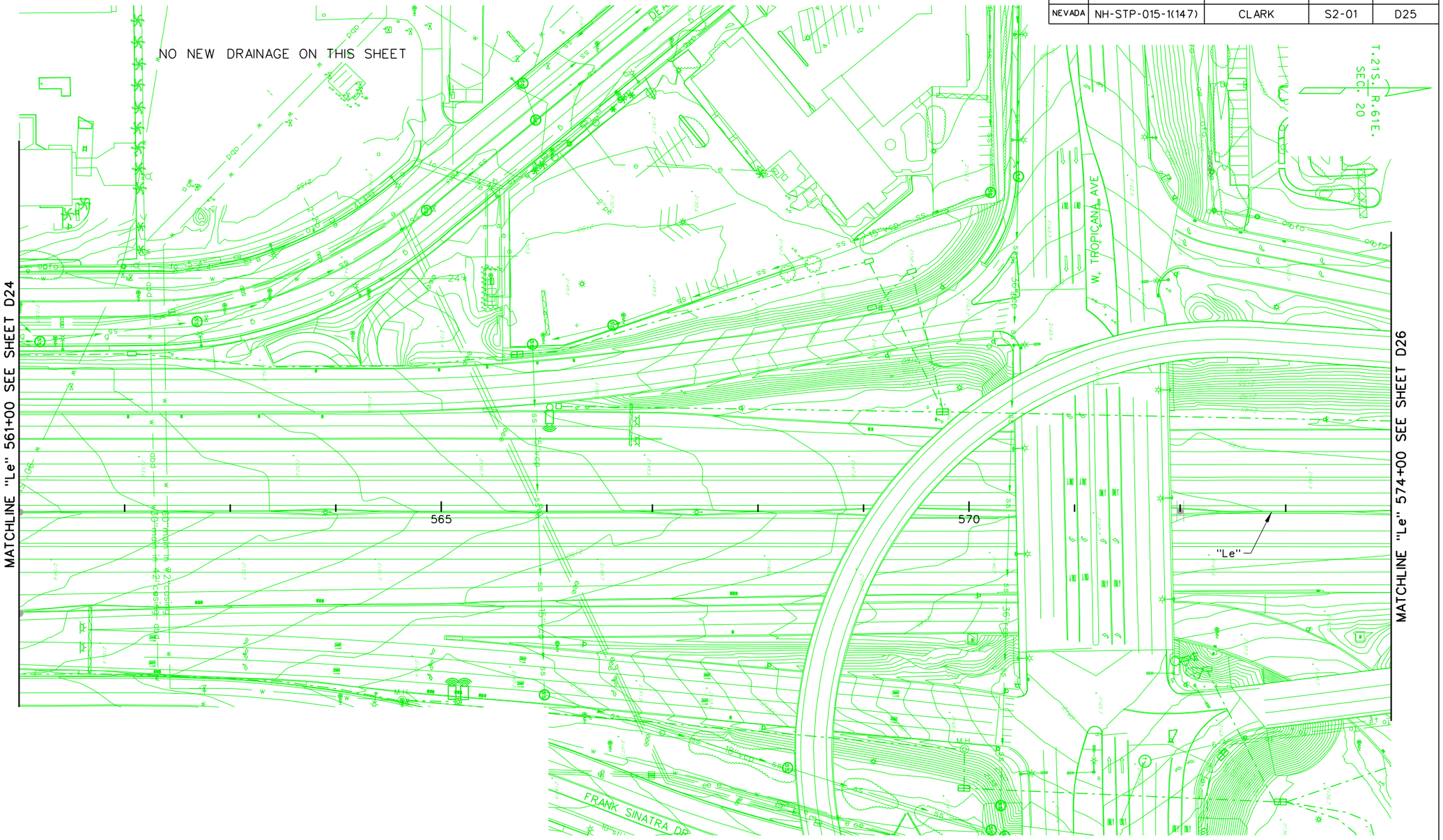
DRAINAGE PLAN
"Le" 544+00 TO "Le" 561+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D25



NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD25	12/20/16

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 561+00 TO "Le" 574+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D26

T:20S; R:61E; SEC: 27

(1) "Le" 582+70 — CONSTRUCT DOUBLE GRATE TYPE 2 DROP INLET 103.6' RT (GRATE ELEV. = 2139.28', H = 4.04'). INSTALL 18" X 17' RCP (UIE = 2135.24', LIE = 2134.60'), OUTLET TO "Le" 582+70, 122.4' RT. INSTALL PRECAST END SECTION AND CLASS 150 RIPRAP AT OUTLET. SHIFT EXISTING CONDUIT 6" DOWN FOR STORM DRAIN INSTALLATION. SEE SHEETS DD6, DP1.

(2) "Le" 582+96 — CONSTUCT DOUBLE GRATE TYPE 2 DROP INLET 103.0' RT (GRATE ELEV. = 2139.21', H = 3.75'). INSTALL 18" X 24' RCP (UIE = 2135.46', LIE = 2135.34'), CONNECT TO DOUBLE GRATE TYPE 2 DROP INLET "Le" 582+70, 103.6' RT. SEE SHEET DP1.

(3) "Le" 579+15 — CONSTRUCT DRAINAGE DIKE PER NDOT STD. R-1.4.1, 83.0' LT (H = 1.00').

MATCHLINE "Le" 574+00 SEE SHEET D25

MATCHLINE "Le" 589+00 SEE SHEET D27

575 580 585

"Le" "Le"

DEAN MARTI

FRANK SINATRA DR

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD26	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 574+00 TO "Le" 589+00

ATKINS
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D27

T:20S:; R:61E:; SEC: 27

NO NEW DRAINAGE ON THIS SHEET

MATCHLINE "Le" 589+00 SEE SHEET D26

MATCHLINE "Le" 604+00 SEE SHEET D28

590 595 600

"Le" "Le"

W HARMON AVE

FRANK SINATRA DR

42"hdpe 48"hdpe 24"hdpe 8"stlhp 16"stlhp 4"pc 2-4"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD27	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 589+00 TO "Le" 604+00

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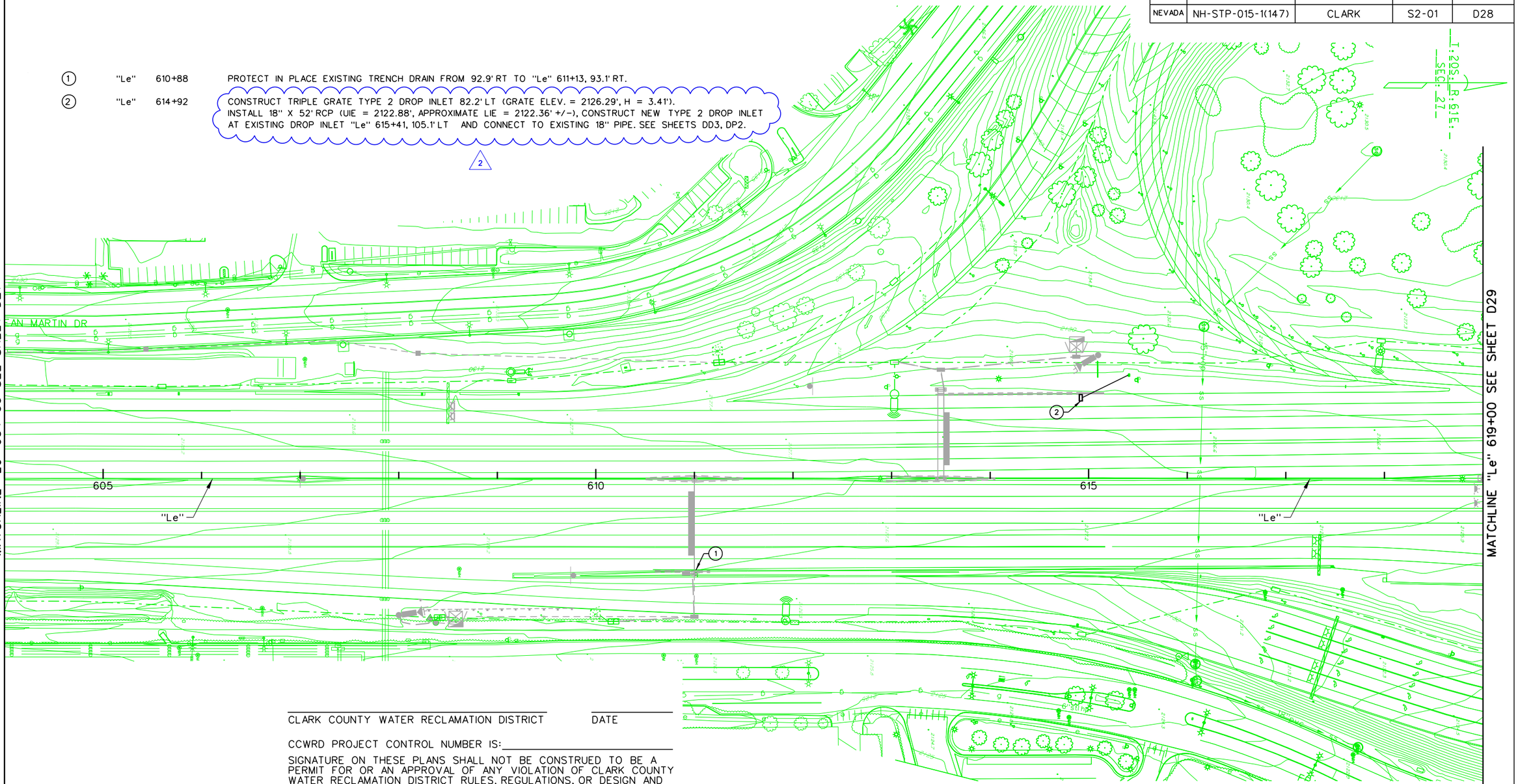
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D28

(1) "Le" 610+88 PROTECT IN PLACE EXISTING TRENCH DRAIN FROM 92.9' RT TO "Le" 611+13, 93.1' RT.

(2) "Le" 614+92 CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 82.2' LT (GRATE ELEV. = 2126.29', H = 3.41'). INSTALL 18" X 52' RCP (UIE = 2122.88', APPROXIMATE LIE = 2122.36' +/-), CONSTRUCT NEW TYPE 2 DROP INLET AT EXISTING DROP INLET "Le" 615+41, 105.1' LT AND CONNECT TO EXISTING 18" PIPE. SEE SHEETS DD3, DP2.



CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
2	AS-BUILTS - RFI1580	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD28	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 604+00 TO "Le" 619+00

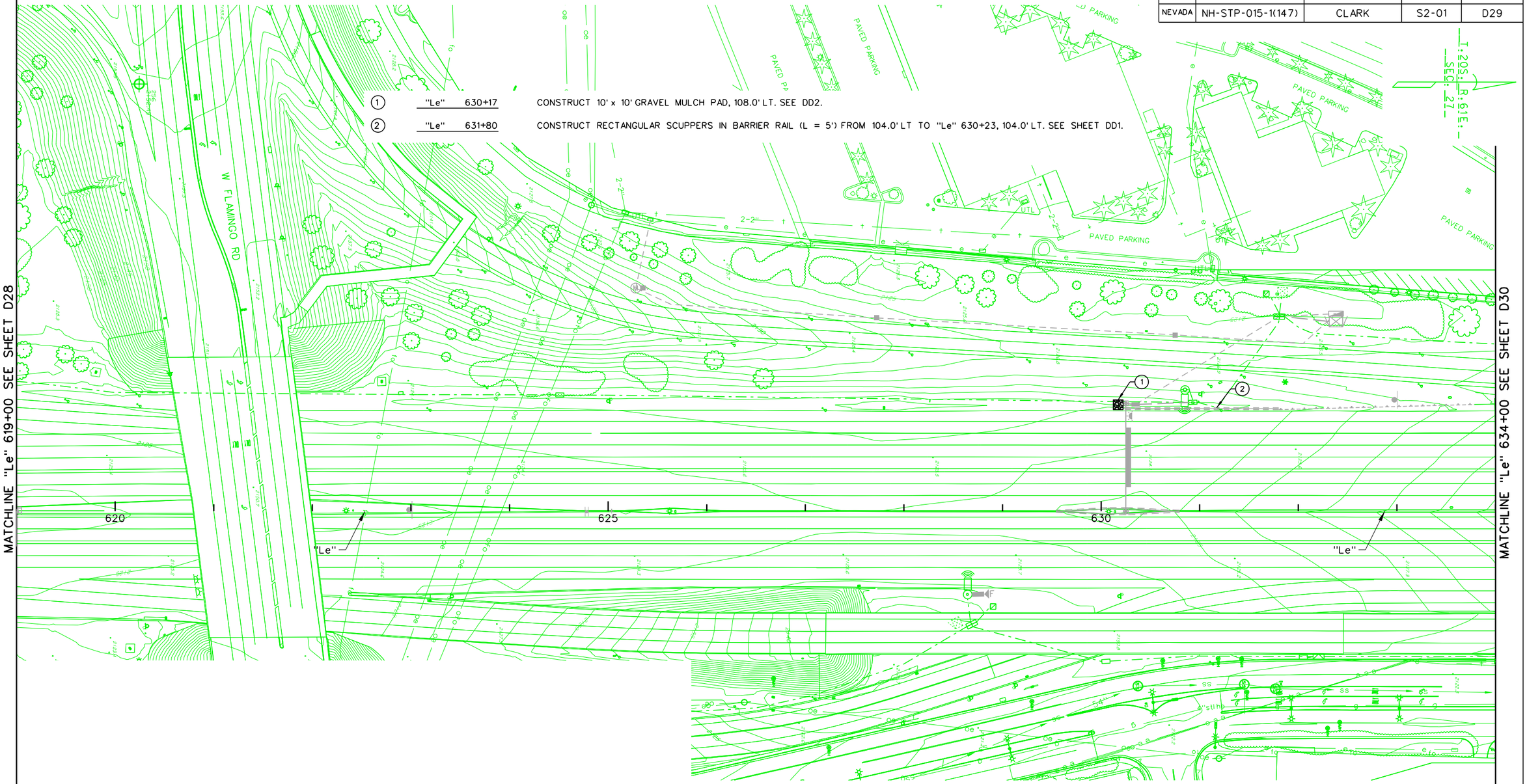
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D29

1	"Le" 630+17	CONSTRUCT 10' x 10' GRAVEL MULCH PAD, 108.0' LT. SEE DD2.
2	"Le" 631+80	CONSTRUCT RECTANGULAR SCUPPERS IN BARRIER RAIL (L = 5') FROM 104.0' LT TO "Le" 630+23, 104.0' LT. SEE SHEET DD1.



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD29	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 619+00 TO "Le" 634+00

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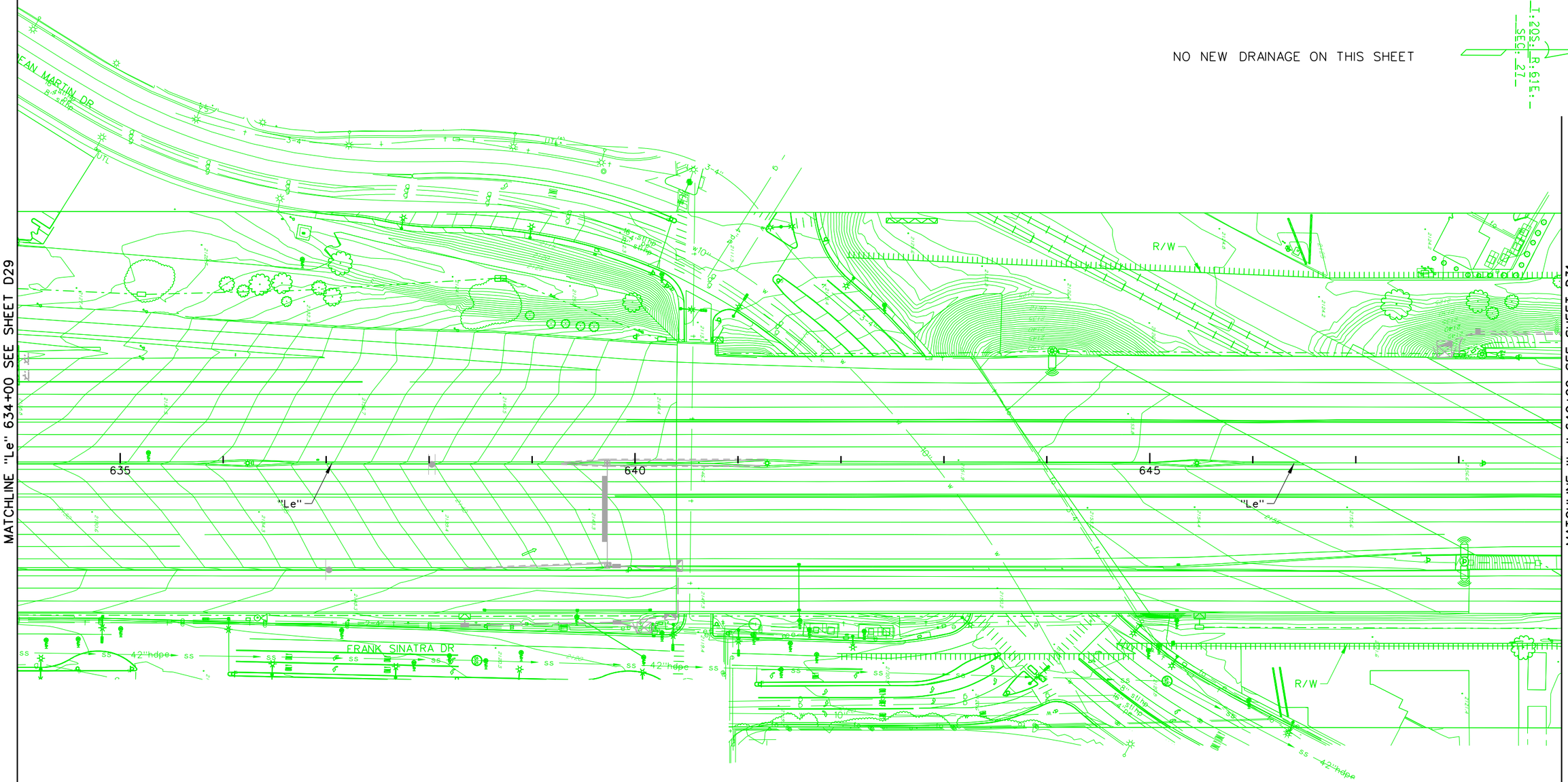
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D30

NO NEW DRAINAGE ON THIS SHEET

I:20S:R:61E:-
SEC: 27



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD30	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 634+00 TO "Le" 649+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D31

NO NEW DRAINAGE ON THIS SHEET

MATCHLINE "Le" 649+00 SEE SHEET D30

MATCHLINE "Le" 664+00 SEE SHEET D32

I:20S; R:61E; SEC: 27

R/W

"Le"

650

655

660

"Le"

15"

2 st

2"st

mh KL33

36"

ss

39"

mh SMI26

mh SMI24

mh SMI23

53"x34"

53"x34"

fo

54"

54"

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD31	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

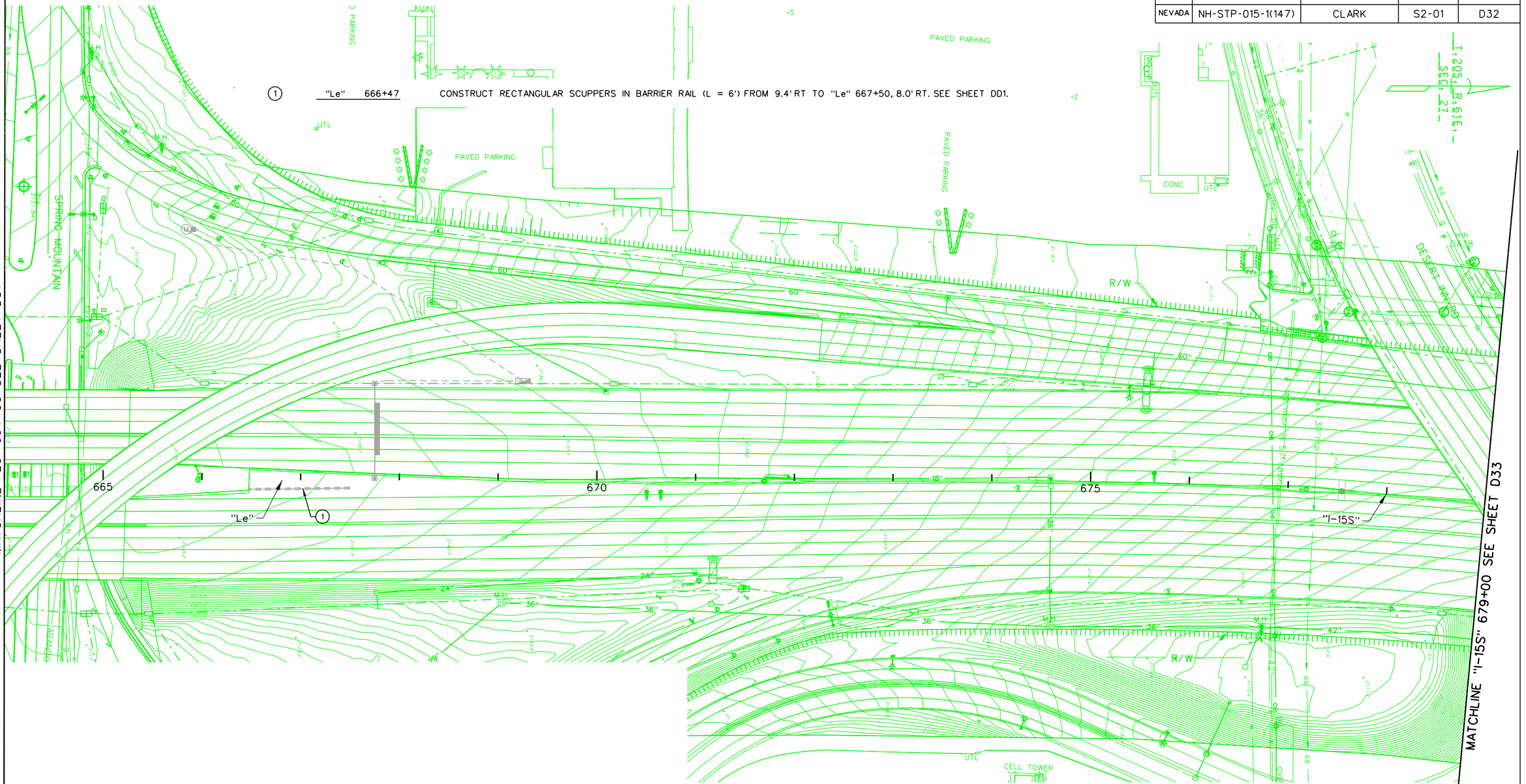
DRAINAGE PLAN
"Le" 649+00 TO "Le" 664+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D32



NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD32	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
"Le" 664+00 TO "I-15S" 679+00

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REVIEWED BY	BAJ

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	D33

(1) "I-15S" 683+20 CONSTRUCT DOUBLE GRATE TYPE 2 DROP INLET 3.3' LT (GRATE ELEV. = 2113.92', H = 3.76' +/-). CONNECT TO EXISTING UPSTREAM AND DOWNSTREAM STORM DRAIN (UIE = 2110.18' +/-, LIE = 2110.16' +/-). SEE SHEETS DD3, DP1.

(2) "I-15S" 692+02 CONSTRUCT TRIPLE GRATE TYPE 2 DROP INLET 89.4' RT (GRATE ELEV. = 2107.59', H = 6.25'). INSTALL 18" X 19' RCP (UIE = 2101.34', LIE = 2100.69'), OUTLET TO "I-15S" 692+00, 111.4' RT. INSTALL PRECAST END SECTION AND CLASS 150 RIPRAP AT OUTLET. SEE SHEETS DD6, DP1.

PROJECT NH-STP-015-1(147)
BEGIN DESIGN UNIT
S1-03 CONSTRUCTION "I-15S" 694+00
END OF S2-01

SIRUS AVE

I-20S, R.61E., SEC. 27

RANCHO DR

R/W

"I-15S"

MATCHLINE "I-15S" 679+00 SEE SHEET D32

MATCHLINE "I-15S" 694+00 SEE DU S1-03

DESERT INN RD

WESTERN AVE

[1] "I-15S" 683+19 REMOVE OR ABANDON 3' STORM DRAIN FROM 3.2' LT (N).

NOTES:
SEE SHEET 3A FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12AD33	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

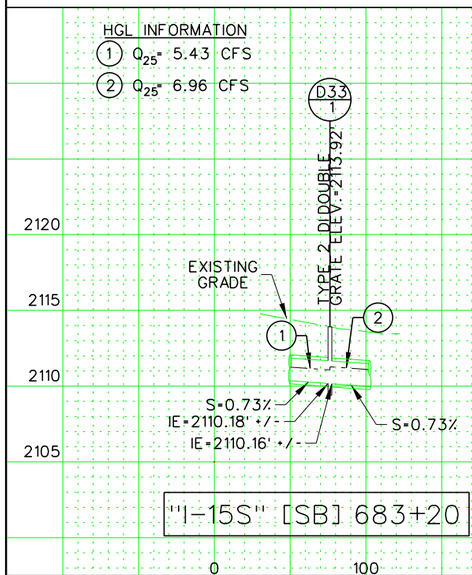
DRAINAGE PLAN
"I-15S" 679+00 TO "I-15S" 694+00

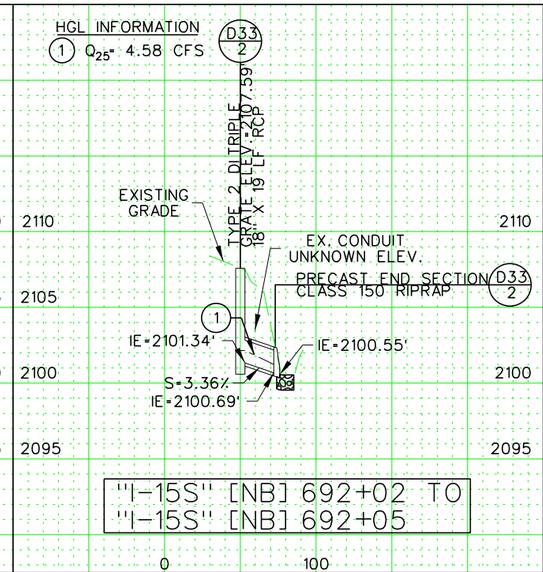
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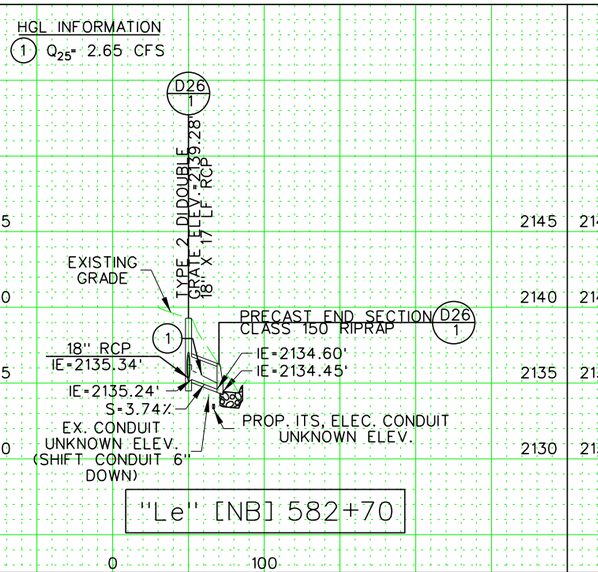
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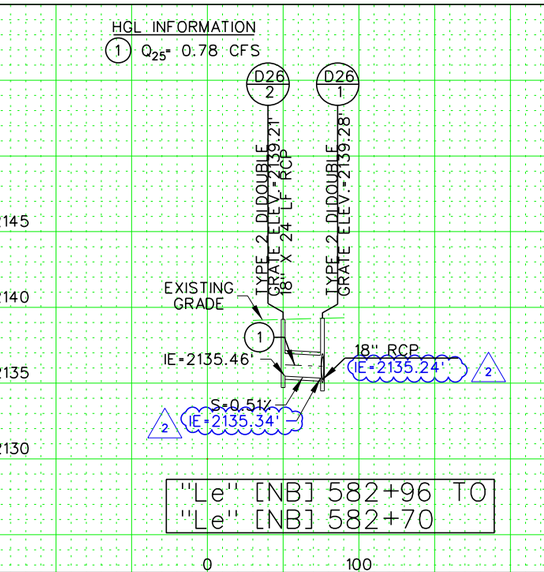
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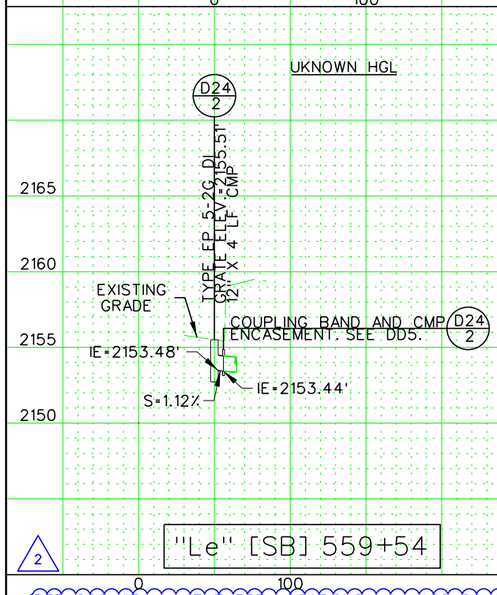
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NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DP1

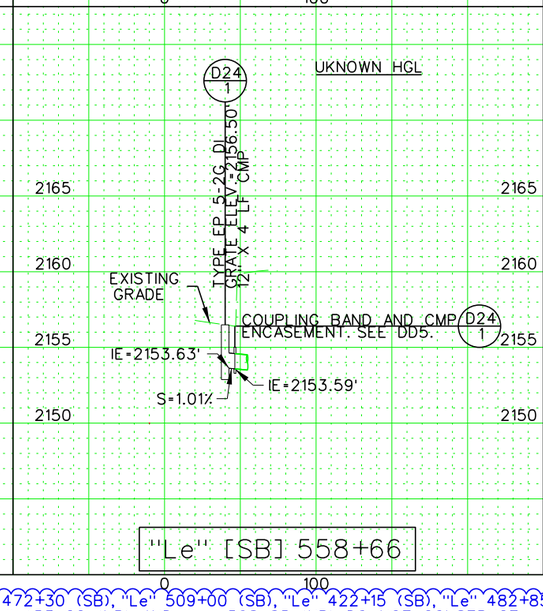


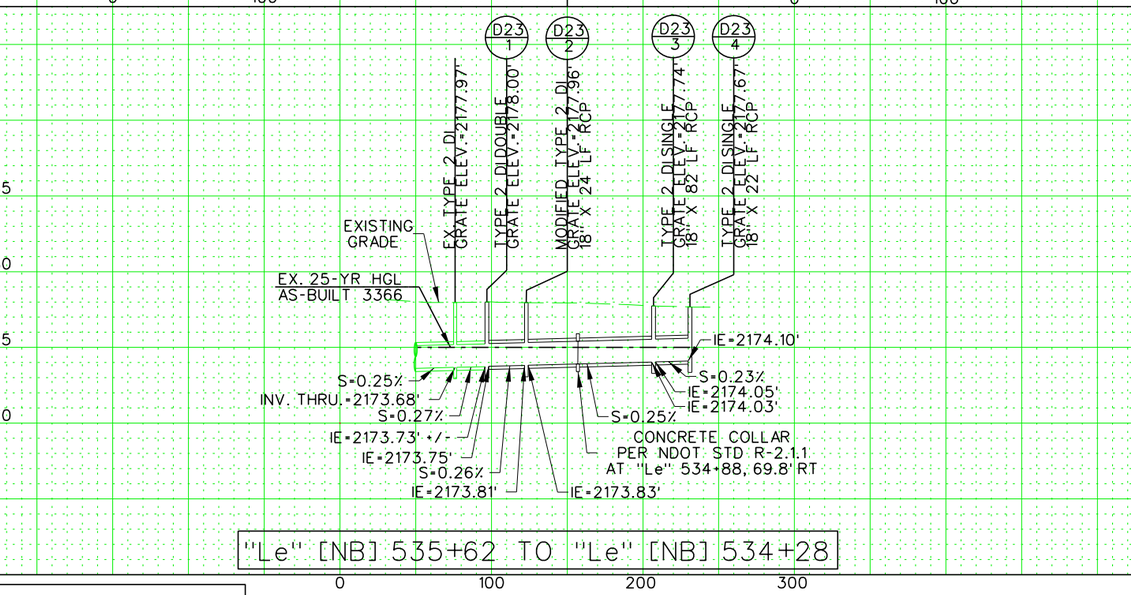












PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - RFI1544, CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12BDP01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

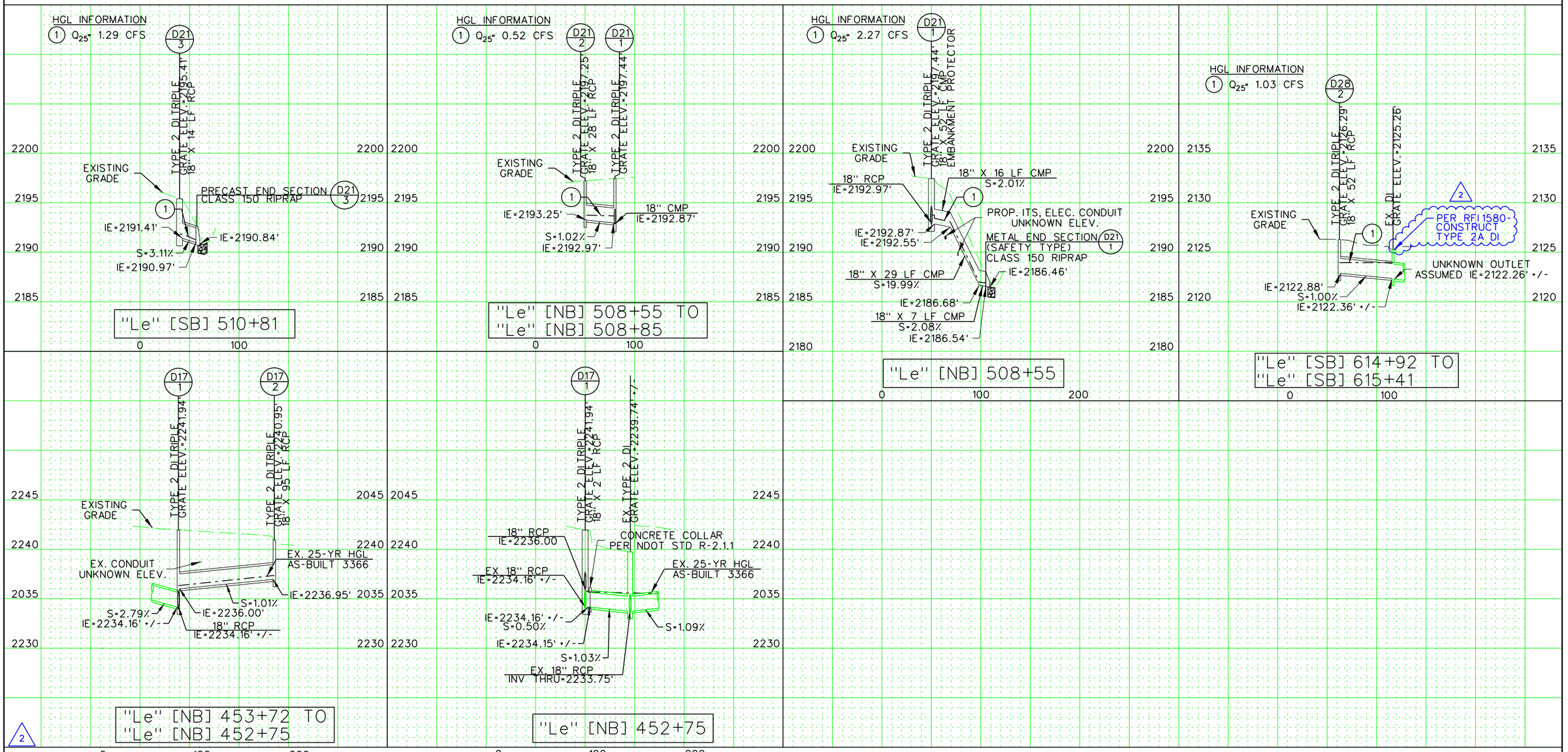
DRAINAGE PROFILES

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DP2



PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - RFI1580 , CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12BDP02	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

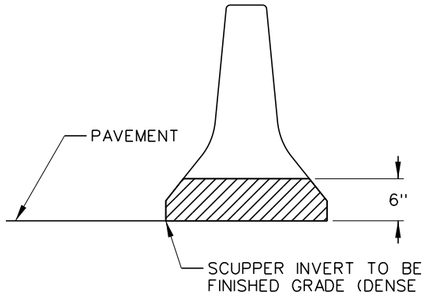
DRAINAGE PROFILES

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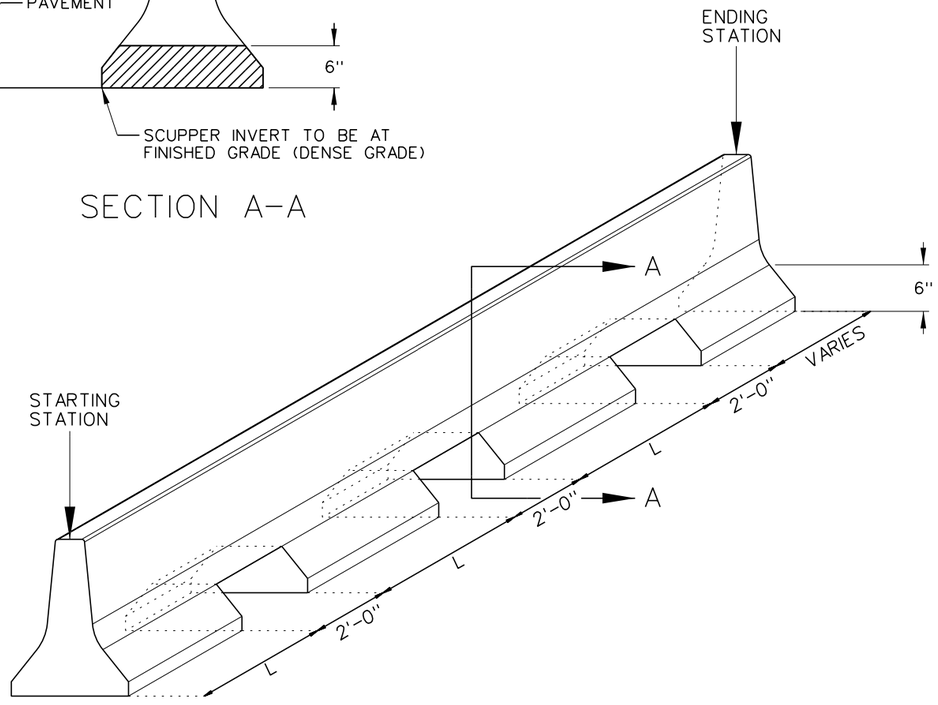
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD1



SECTION A–A

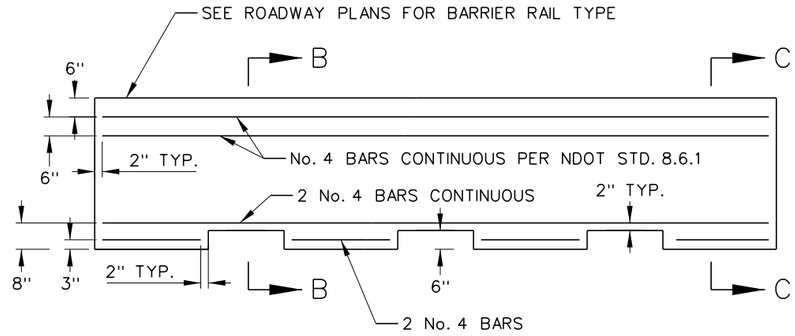


BARRIER RAIL SCUPPERS

NTS

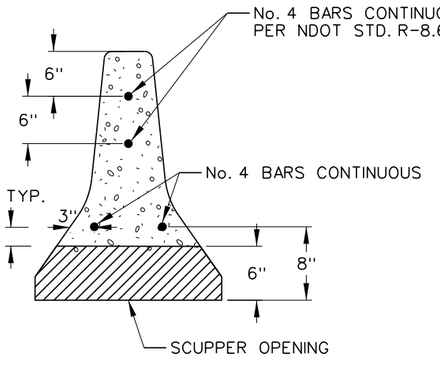
NOTES:

1. SEE ROADWAY PLANS FOR F TYPE BARRIER RAIL

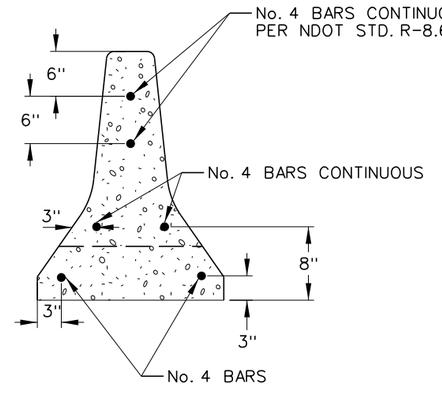


BARRIER RAIL SCUPPERS

NTS



SECTION B–B



SECTION C–C

LOCATION TABLE					
SHEET	NOTE	STATION FROM	STATION TO	L (FT)	# OF SCUPPERS
D29	2	"Le" 630+23, 104.0' LT	"Le" 631+80, 104.0' LT	5.00	22
D32	1	"Le" 666+47, 9.4' RT	"Le" 667+50, 8.0' RT	6.00	12

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD01	12/20/16

DESIGN UNIT S2–01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
BARRIER RAIL SCUPPERS

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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DRAWN BY BDH
CHECKED BY KAQ
REVIEWED BY BAJ

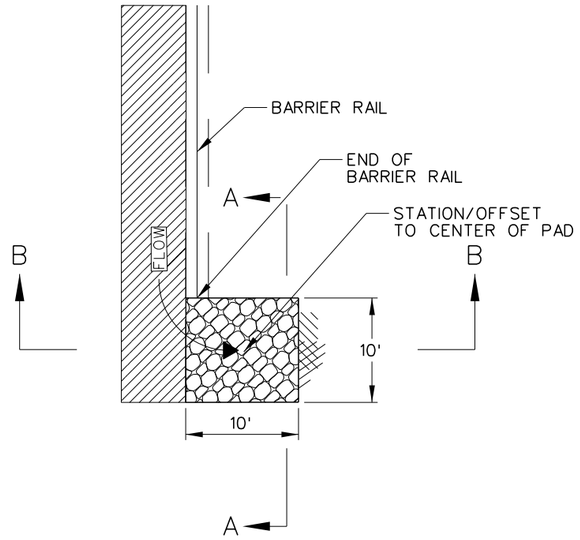
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD2

– LEGEND –

GRAVEL MULCH

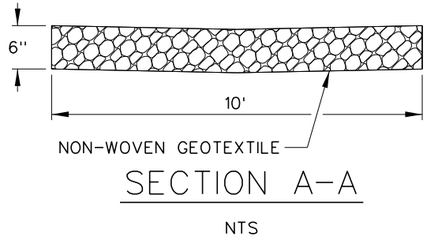
PAVEMENT



PLAN

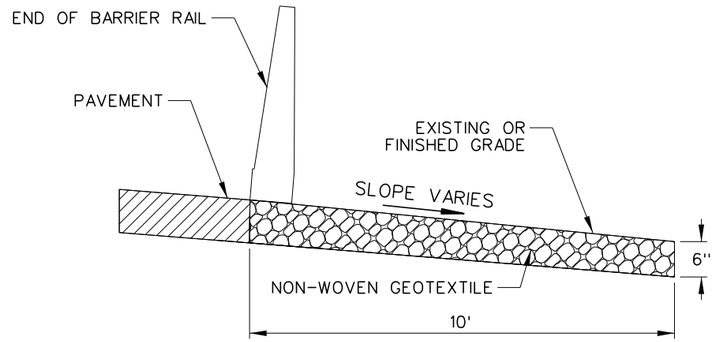
NTS

LOCATION TABLE			
SHEET	NOTE	STATION	OFFSET
D29	1	"Le" 630+17	108.0' LT



SECTION A–A

NTS



SECTION B–B

NTS

NOTES:

1. GRAVEL MULCH SIZING TO MATCH DECORATIVE ROCK MULCH MIX 2 FROM DESIGN UNIT S4-08
2. COLOR GRAVEL MULCH PAD TO MATCH EXISTING ROCK/LANDSCAPE ROCK COLOR AS CLOSELY AS POSSIBLE

GRAVEL MULCH PAD

NTS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD02	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

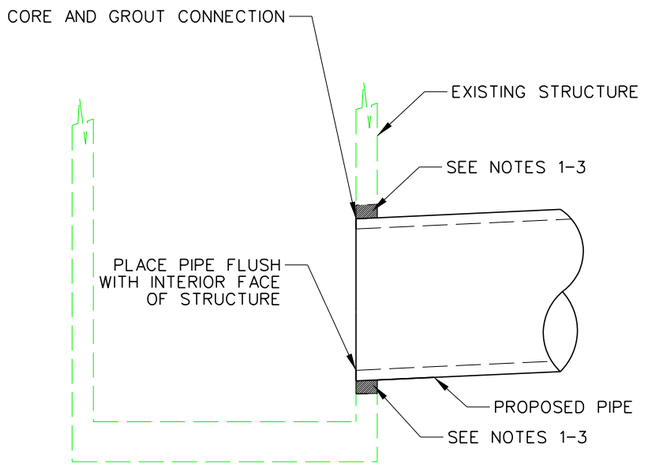
DRAINAGE DETAILS
GRAVEL MULCH PAD

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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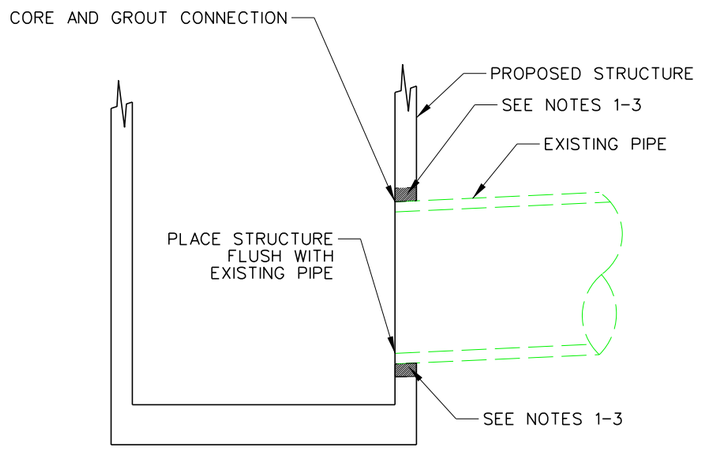
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD3



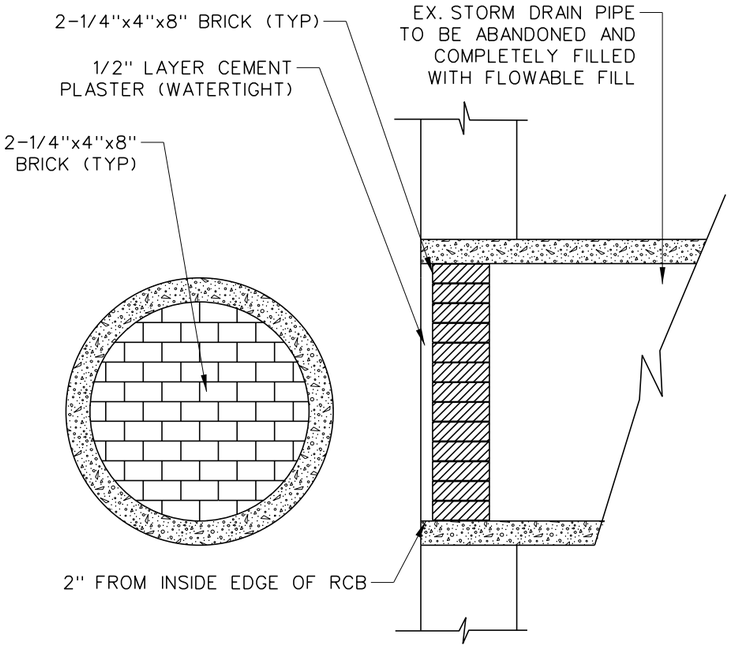
CONNECT TO EXISTING MANHOLE OR DROP INLET

NTS



CONNECT TO EXISTING PIPE

NTS



BRICK AND MORTAR PLUG

NTS

NOTE:
PRECAST CAP OR PLUG MAY BE USED IN LIEU OF BRICK AND MORTAR PLUG

NOTES:

1. MAXIMUM CORE HOLE DIAMETER IS OUTSIDE PIPE DIAMETER + 4 INCHES
2. MINIMUM GROUT THICKNESS TO OUTSIDE OF PIPE SHALL BE 2 INCHES
3. USE GROUT MIX PER NDOT SPEC 706.03.04 AND 609 FOR INLETS TO FILL ANNULAR SPACE BETWEEN PIPE AND CORED HOLE

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD03	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

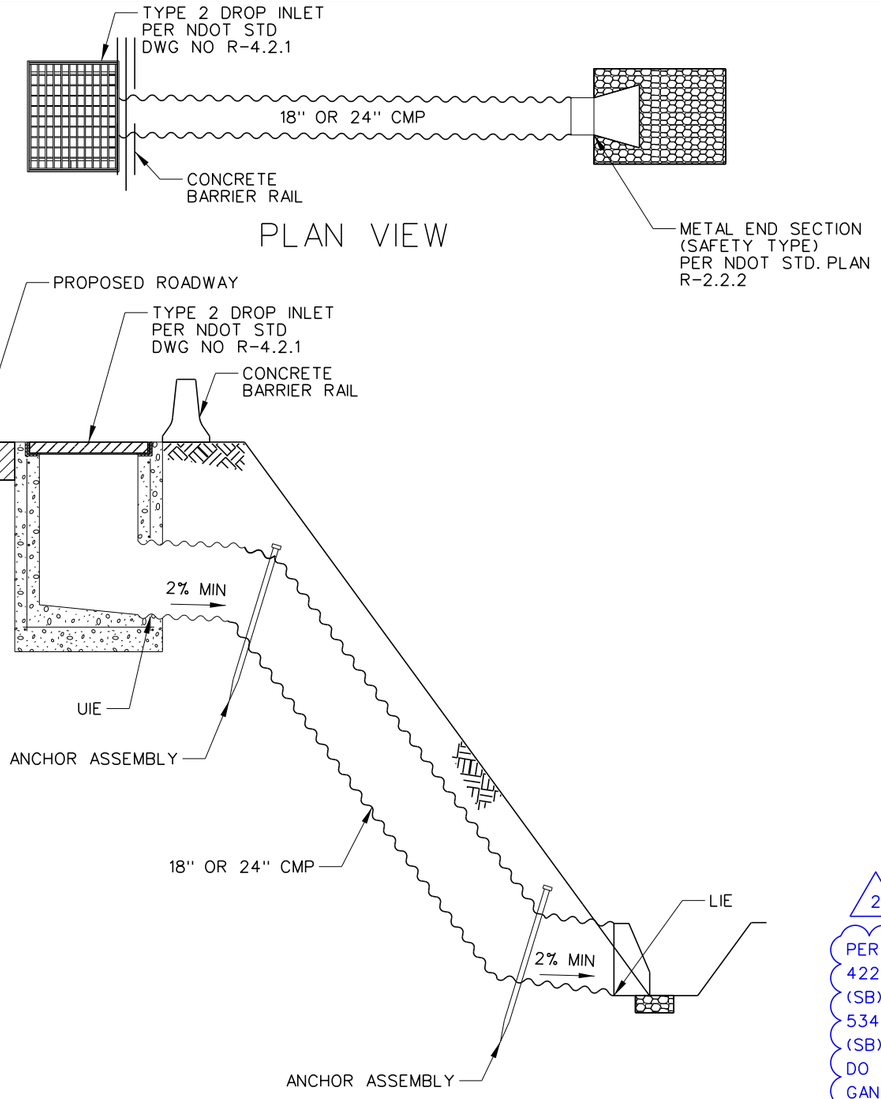
DRAINAGE DETAILS
CONNECT TO EXISTING
MANHOLE, DROP INLET OR PIPE

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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REVIEWED BY BAJ

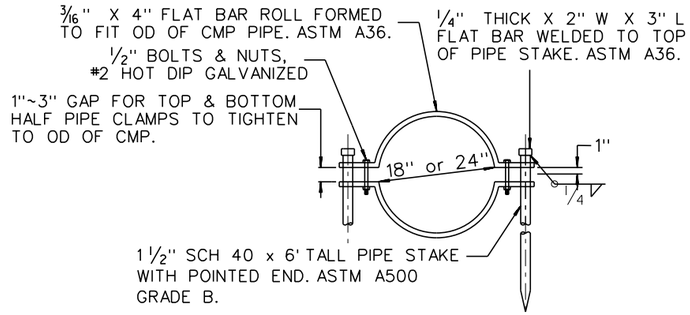
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD4

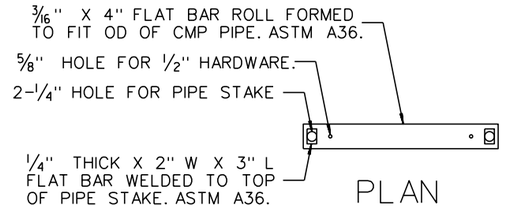


TYPE 2 DROP INLET WITH EMBANKMENT PROTECTOR OUTLET TYPICAL CROSS SECTION

NTS



ELEVATION



PLAN

ANCHOR ASSEMBLY DETAIL

△2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

LOCATION TABLE			
SHEET	NOTE	STATION	OFFSET
D21	1	"Le" 508+55	78.1' RT

NOTES:

1. REFER TO DRAINAGE PLANS FOR TYPE 2 DROP INLET DIMENSIONS
2. REFER TO NDOT STD DWG R-4.2.1 FOR TYPE 2 DROP INLET DETAILS NOT SHOWN, AND R-3.1.2 FOR EMBANKMENT PROTECTOR DETAILS NOT SHOWN.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD04	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

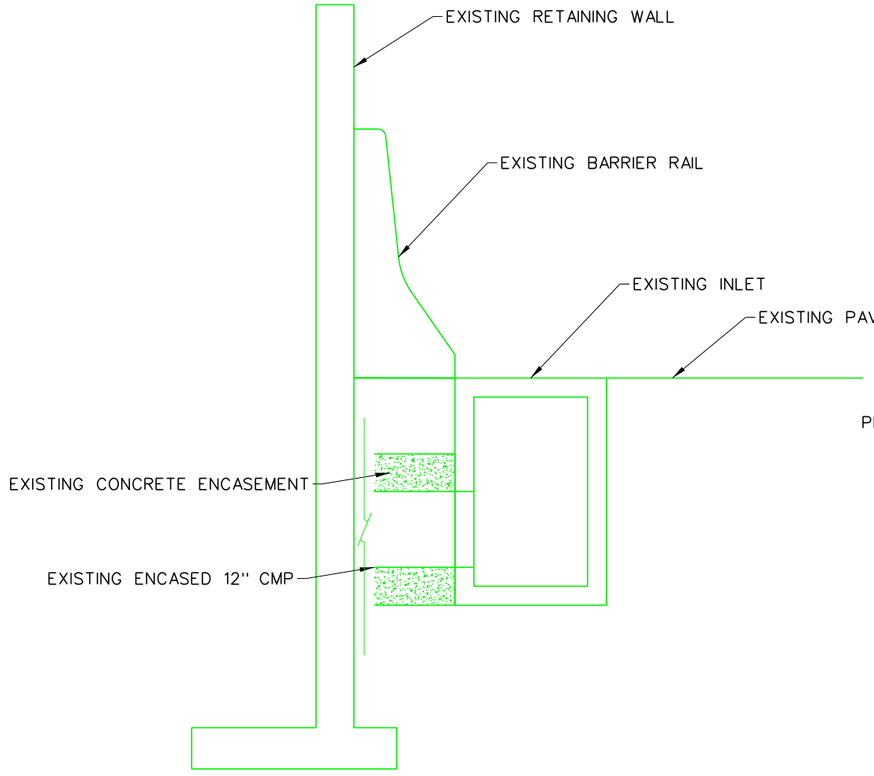
DRAINAGE DETAILS EMBANKMENT PROTECTOR

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2270 Corporate Circle
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Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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CHECKED BY	DLS
REVIEWED BY	BAJ

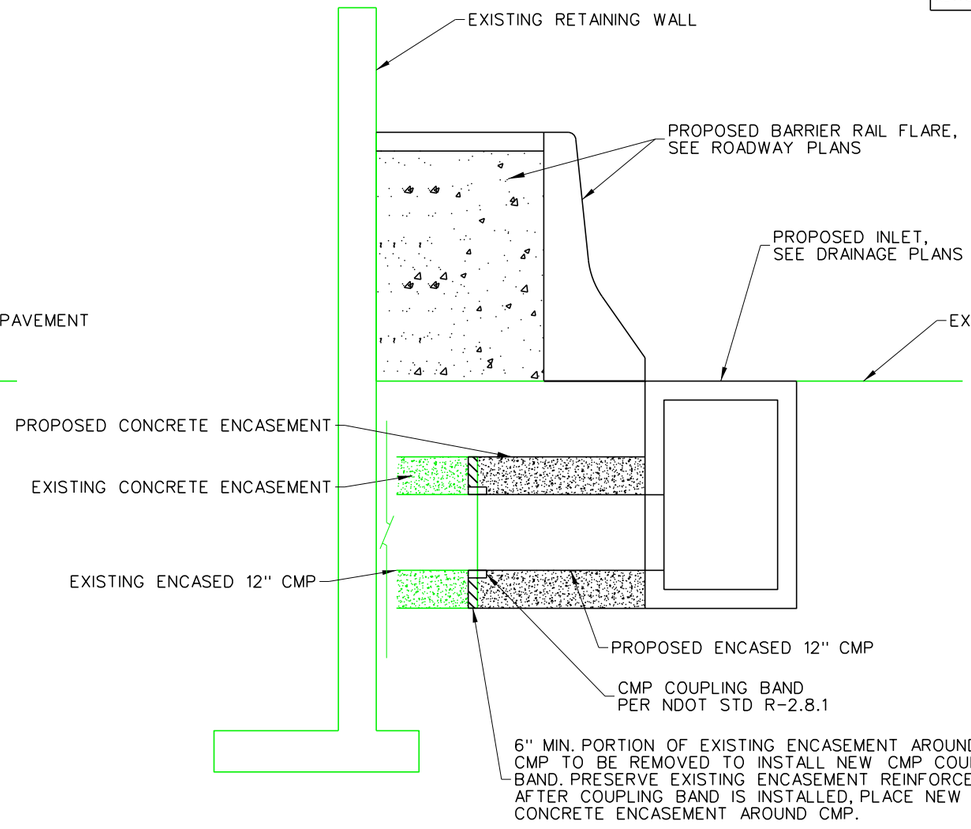
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD5



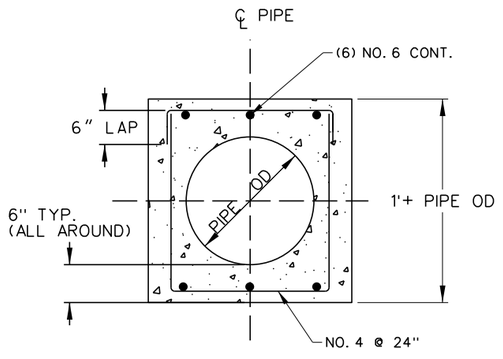
EXISTING CONDITION

NTS



PROPOSED CONDITION

NTS



SINGLE PIPE ENCASEMENT

NTS

12" CMP ENCASEMENT

NTS

LOCATION TABLE			
SHEET	NOTE	STATION	OFFSET
D24	1	"Le" 558+66	85.7' LT
D24	2	"Le" 559+54	86.0' LT

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD05	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

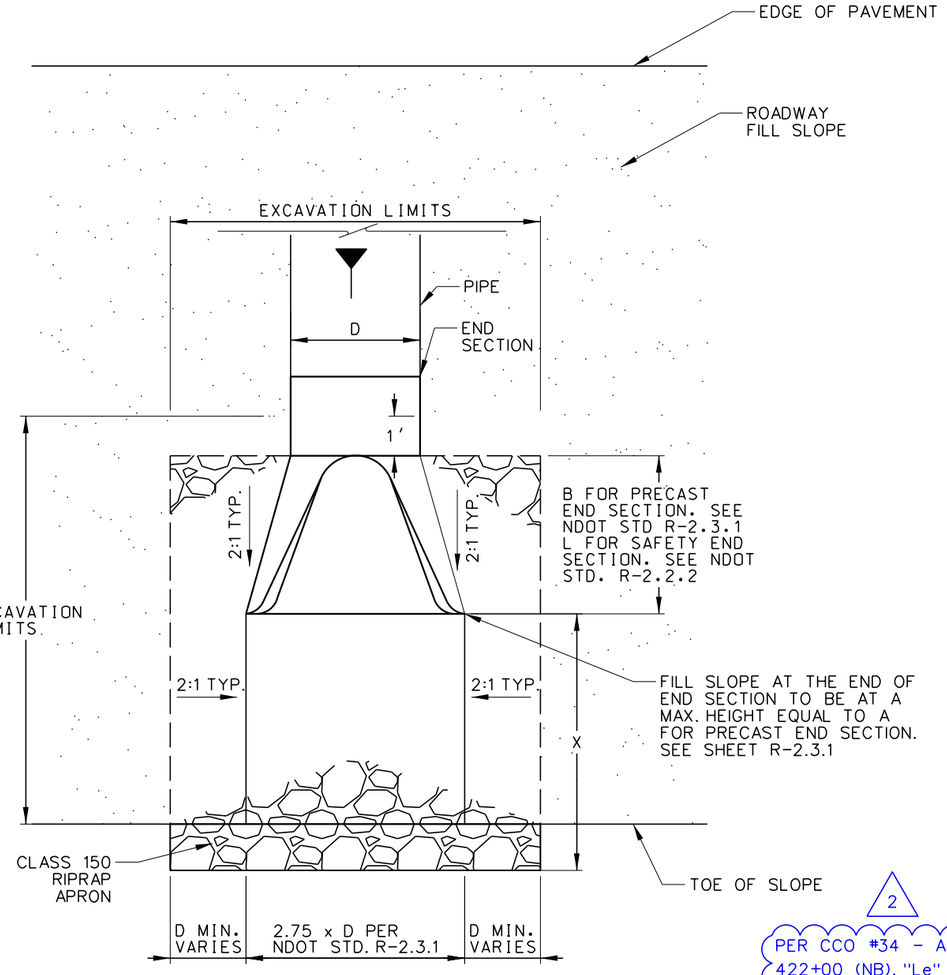
DRAINAGE DETAILS
12" CMP ENCASEMENT

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2270 Corporate Circle
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Henderson, Nevada 89074
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Fax: 702/263-7200
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CHECKED BY	DLS
REVIEWED BY	BAJ

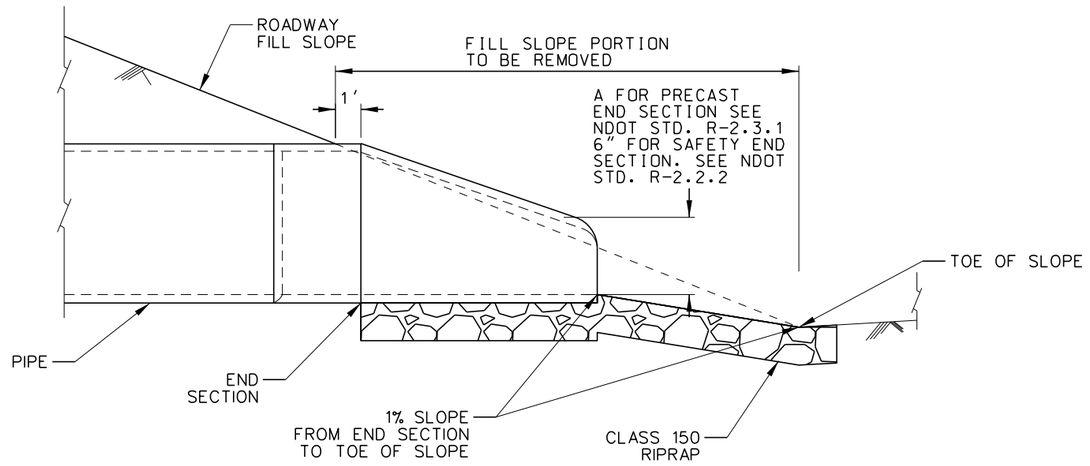
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD6



PIPE OUTLET EXCAVATION PLAN

NTS



PIPE OUTLET EXCAVATION PROFILE

NTS

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

LOCATION TABLE					
SHEET	NOTE	STATION	OFFSET	D (FT)	X (FT)
D21	1	"Le" 508+55	78.1' RT	1.5	5.10
D21	3	"Le" 510+81	73.5' LT	1.5	7.30
D26	1	"Le" 582+70	103.6' RT	1.5	13.00
D33	2	"I-15S" 692+02	89.4' RT	1.5	9.25

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT12CDD06	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

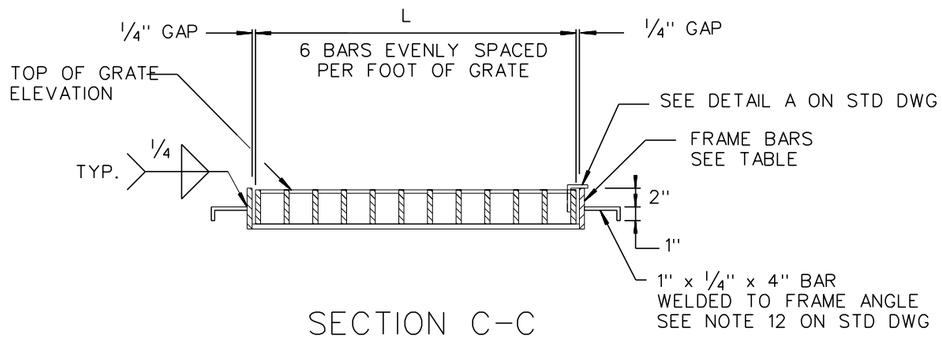
DRAINAGE DETAILS
PIPE OUTLET EXCAVATION

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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REVIEWED BY BAJ

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	DD7



SECTION C–C
ON STD DWG

L	NUMBER OF BARS MODIFIED TYPE 2 DROP INLET GRATES
2' 6"	15 BARS
3'	18 BARS
3'6"	21 BARS
4'6"	27 BARS

NOTES:

1. REFER TO NDOT STD DWG R-4.2.1 FOR TYPE 2 DROP INLET DIMENSIONS AND DETAILS NOT SHOWN

LOCATION TABLE			
SHEET	NOTE	STATION	OFFSET
D23	2	"Le" 534+54	71.5' RT

1 PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
1	AS-BUILTS - CCO #34	05/01/19
0	FINAL - 73652-S2-01-ATK-SHT12CDD07	02/10/17

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

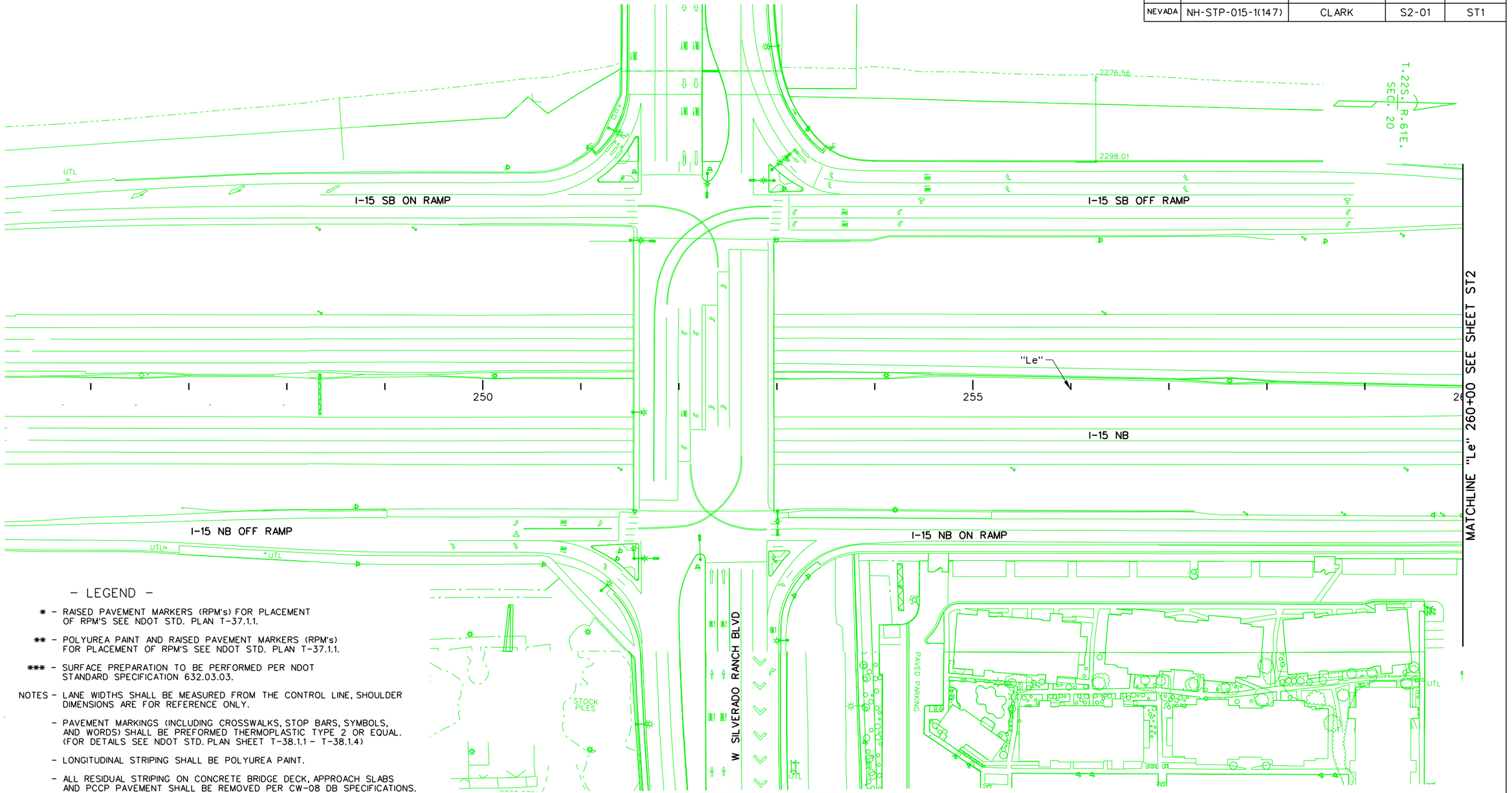
DRAINAGE DETAILS
MODIFIED TYPE 2 INLET

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST1



- LEGEND -

* - RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

** - POLYUREA PAINT AND RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

*** - SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

NOTES - LANE WIDTHS SHALL BE MEASURED FROM THE CONTROL LINE, SHOULDER DIMENSIONS ARE FOR REFERENCE ONLY.

- PAVEMENT MARKINGS (INCLUDING CROSSWALKS, STOP BARS, SYMBOLS, AND WORDS) SHALL BE PREFORMED THERMOPLASTIC TYPE 2 OR EQUAL. (FOR DETAILS SEE NDOT STD. PLAN SHEET T-38.1.1 - T-38.1.4)

- LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

- ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

- STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

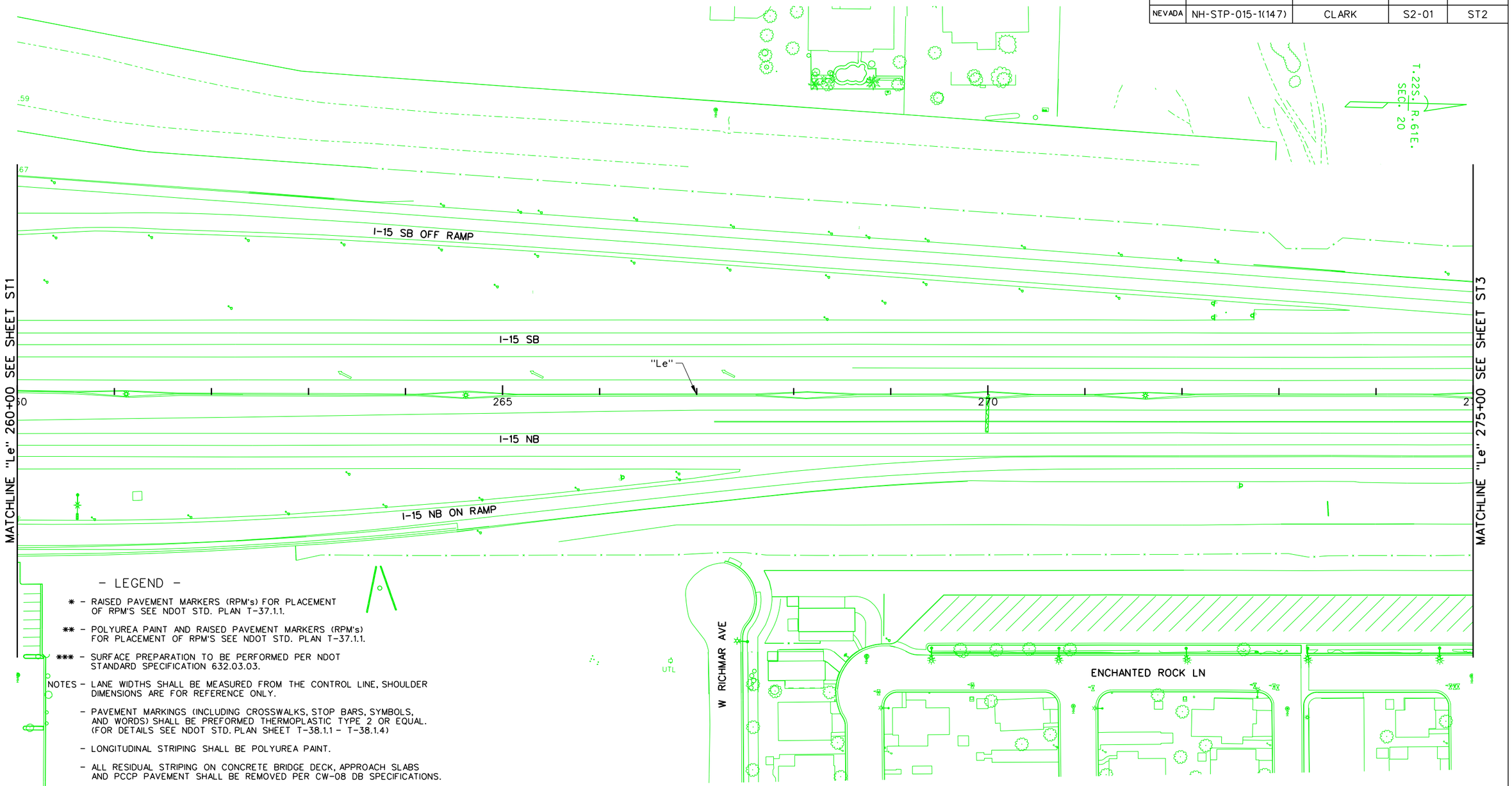
PERMANENT STRIPING PLAN "Le" BEGIN TO "Le" 260+00

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST2



- LEGEND -

* - RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

** - POLYUREA PAINT AND RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

*** - SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

NOTES - LANE WIDTHS SHALL BE MEASURED FROM THE CONTROL LINE, SHOULDER DIMENSIONS ARE FOR REFERENCE ONLY.

- PAVEMENT MARKINGS (INCLUDING CROSSWALKS, STOP BARS, SYMBOLS, AND WORDS) SHALL BE PREFORMED THERMOPLASTIC TYPE 2 OR EQUAL. (FOR DETAILS SEE NDOT STD. PLAN SHEET T-38.1.1 - T-38.1.4)

- LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

- ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

- STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 260+00 TO "Le" 275+00

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST3

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

** – POLYUREA PAINT AND RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

*** – SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

NOTES – LANE WIDTHS SHALL BE MEASURED FROM THE CONTROL LINE, SHOULDER DIMENSIONS ARE FOR REFERENCE ONLY.

– PAVEMENT MARKINGS (INCLUDING CROSSWALKS, STOP BARS, SYMBOLS, AND WORDS) SHALL BE PREFORMED THERMOPLASTIC TYPE 2 OR EQUAL. (FOR DETAILS SEE NDOT STD. PLAN SHEET T-38.1.1 – T-38.1.4)

– LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

– ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.

T.22S., R.61E., SEC. 20

MATCH EXISTING STRIPING "Le" 275+39.53

MATCHLINE "Le" 275+00 SEE SHEET ST2

MATCHLINE "Le" 290+00 SEE SHEET ST4

"Le"+35 26.7' RT

"Le"

"Le"+97

I-15 SB

I-15 NB

*** 8" SOLID WHITE LINE (PAINT OVER EX.)

8" SOLID WHITE LINE

8" SOLID YELLOW LINE

12'

275

280

285

290

UTL

UTL

1085 STRIP 2 MODEL 25

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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST03	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 275+00 TO "Le" 290+00

ATKINS
2270 Corporate Circle
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Fax: 702/263-7200
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CHECKED BY JRY
REVIEWED BY ND

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST4

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

** – POLYUREA PAINT AND RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

*** – SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

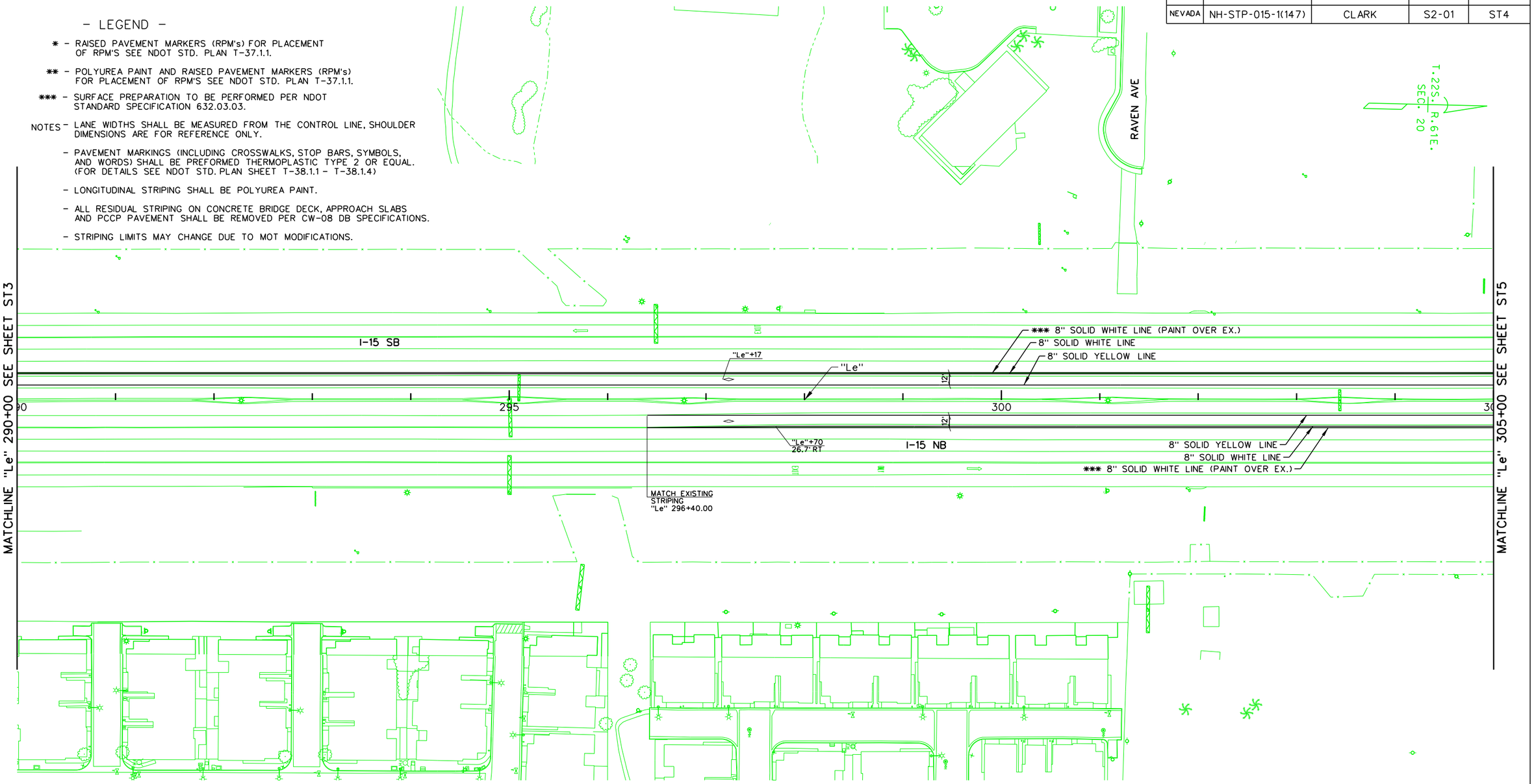
NOTES – LANE WIDTHS SHALL BE MEASURED FROM THE CONTROL LINE, SHOULDER DIMENSIONS ARE FOR REFERENCE ONLY.

– PAVEMENT MARKINGS (INCLUDING CROSSWALKS, STOP BARS, SYMBOLS, AND WORDS) SHALL BE PREFORMED THERMOPLASTIC TYPE 2 OR EQUAL. (FOR DETAILS SEE NDOT STD. PLAN SHEET T-38.1.1 – T-38.1.4)

– LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

– ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST04	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 290+00 TO "Le" 305+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST5

- LEGEND -

* - RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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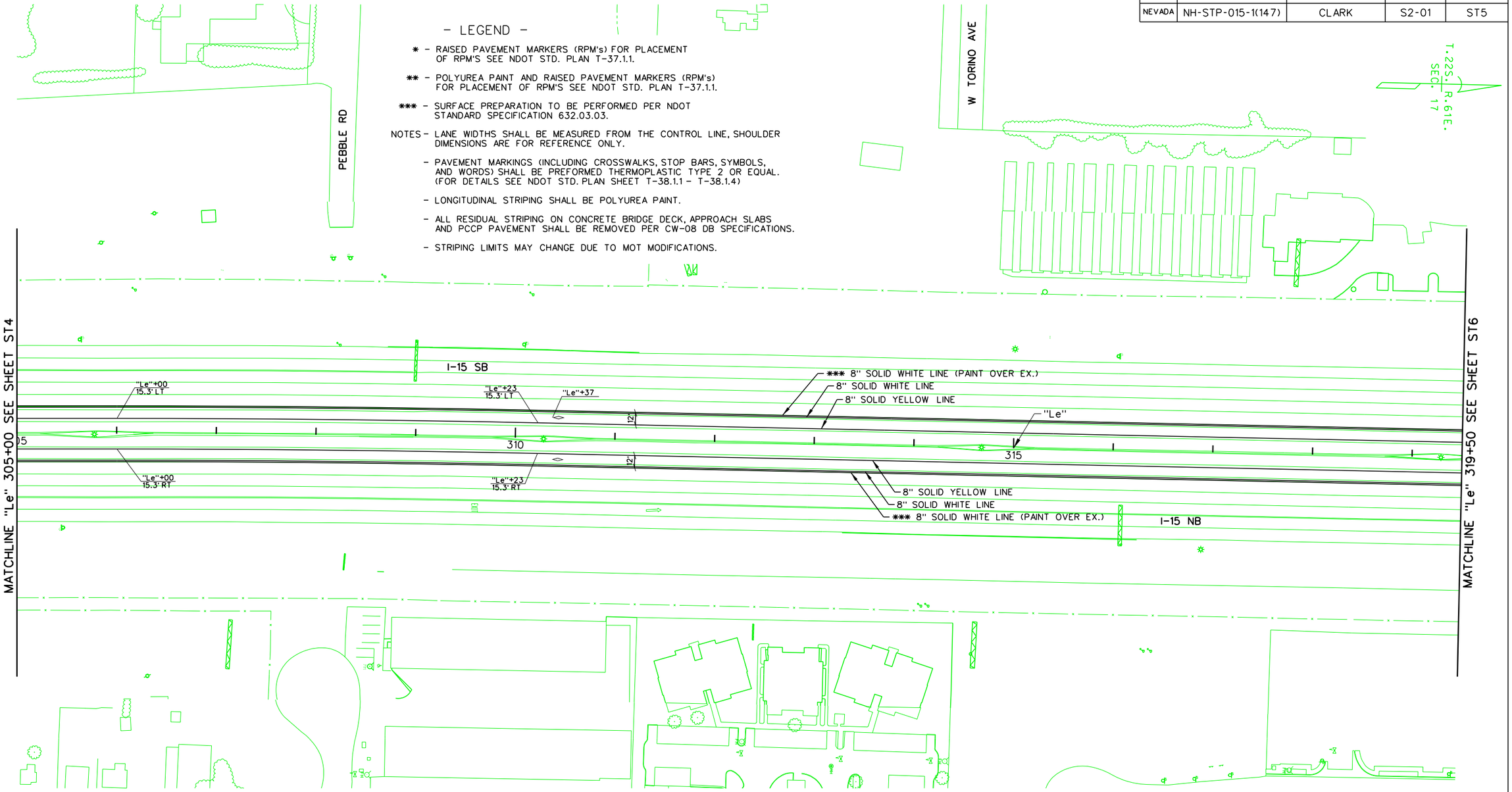
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- ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

- STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST05	12/20/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 305+00 TO "Le" 319+50

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST6

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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*** – SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

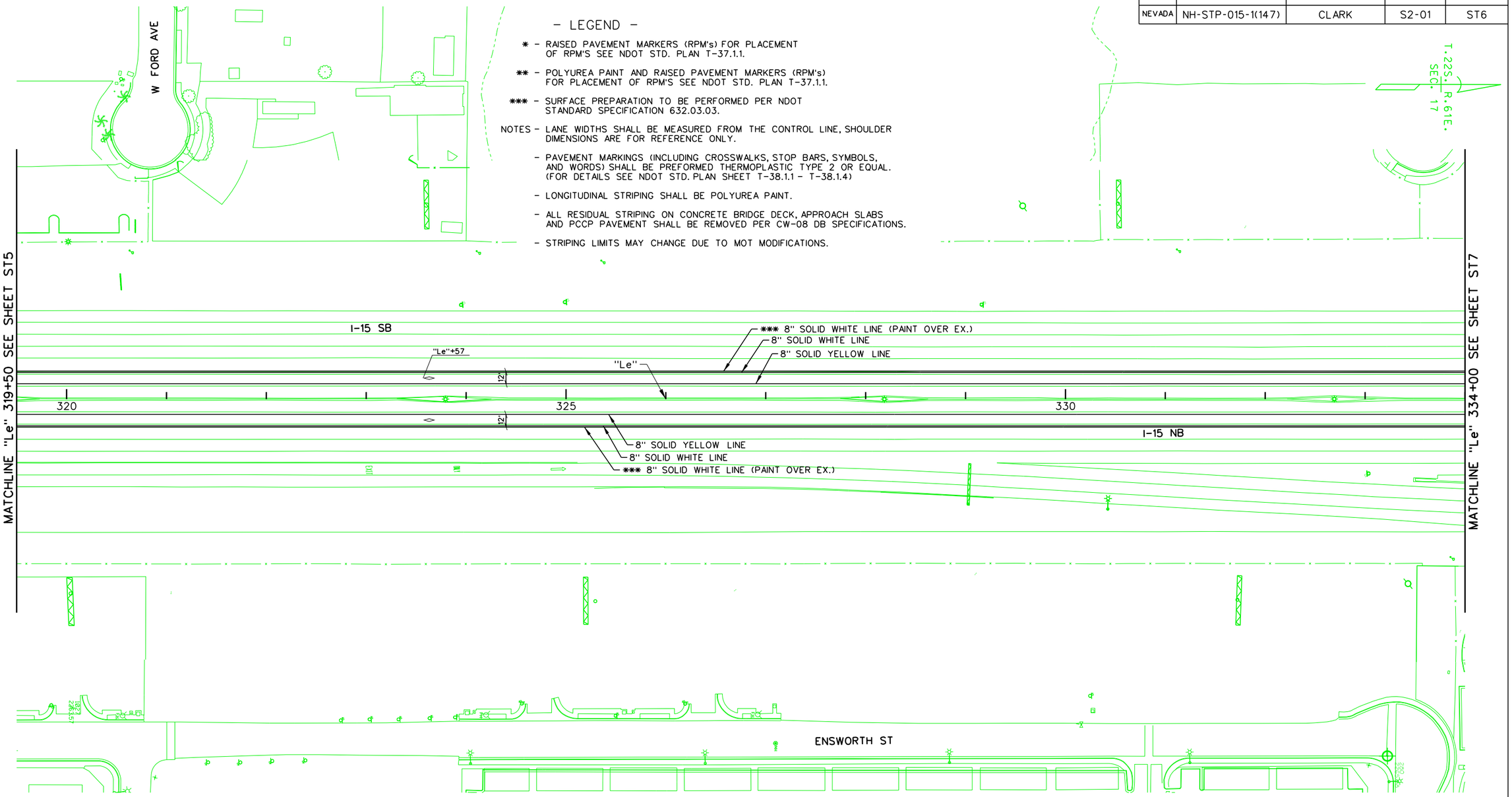
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– LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

– ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST06	12/20/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
"Le" 319+50 TO "Le" 334+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST7

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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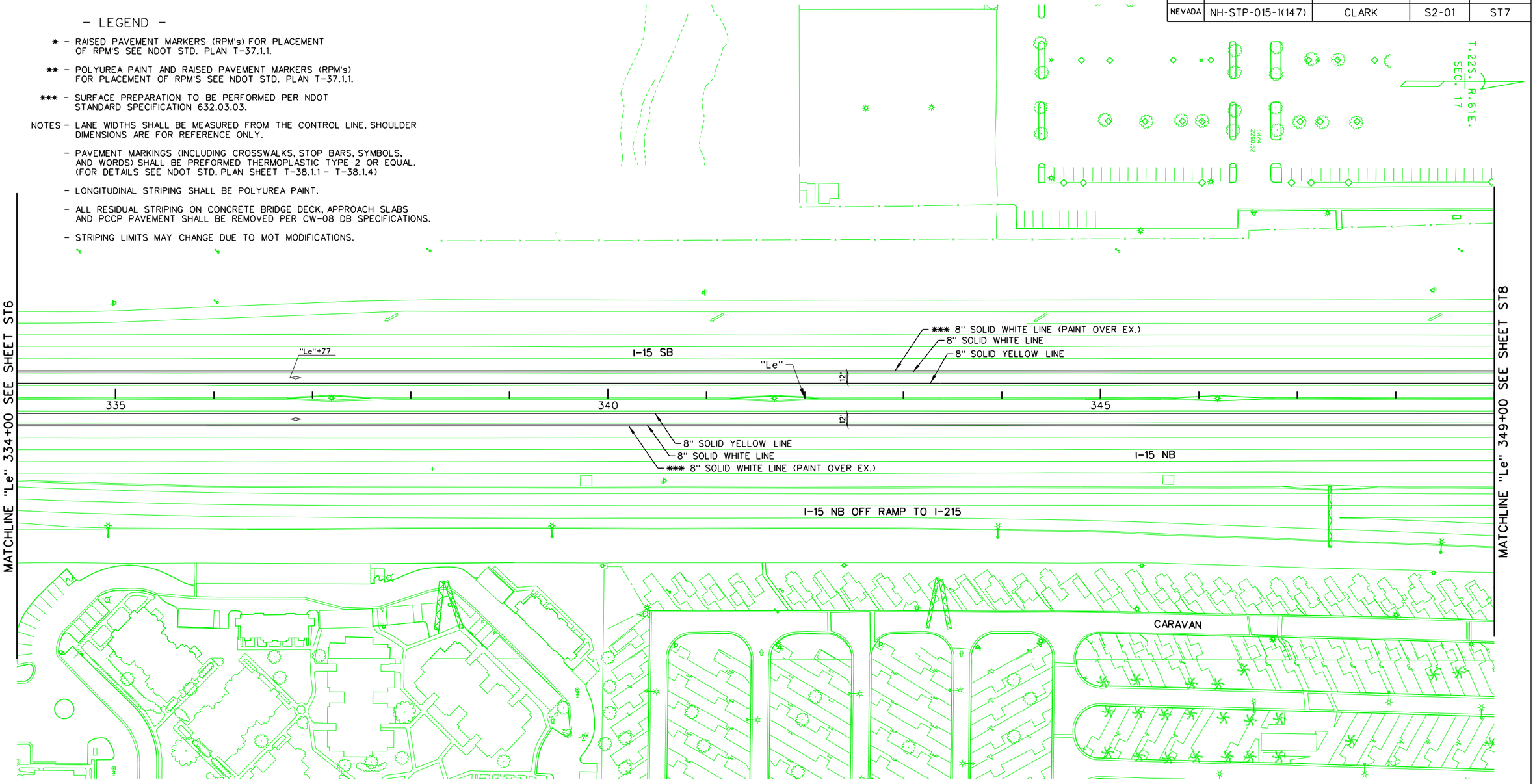
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST07	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 334+00 TO "Le" 349+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST8

– LEGEND –

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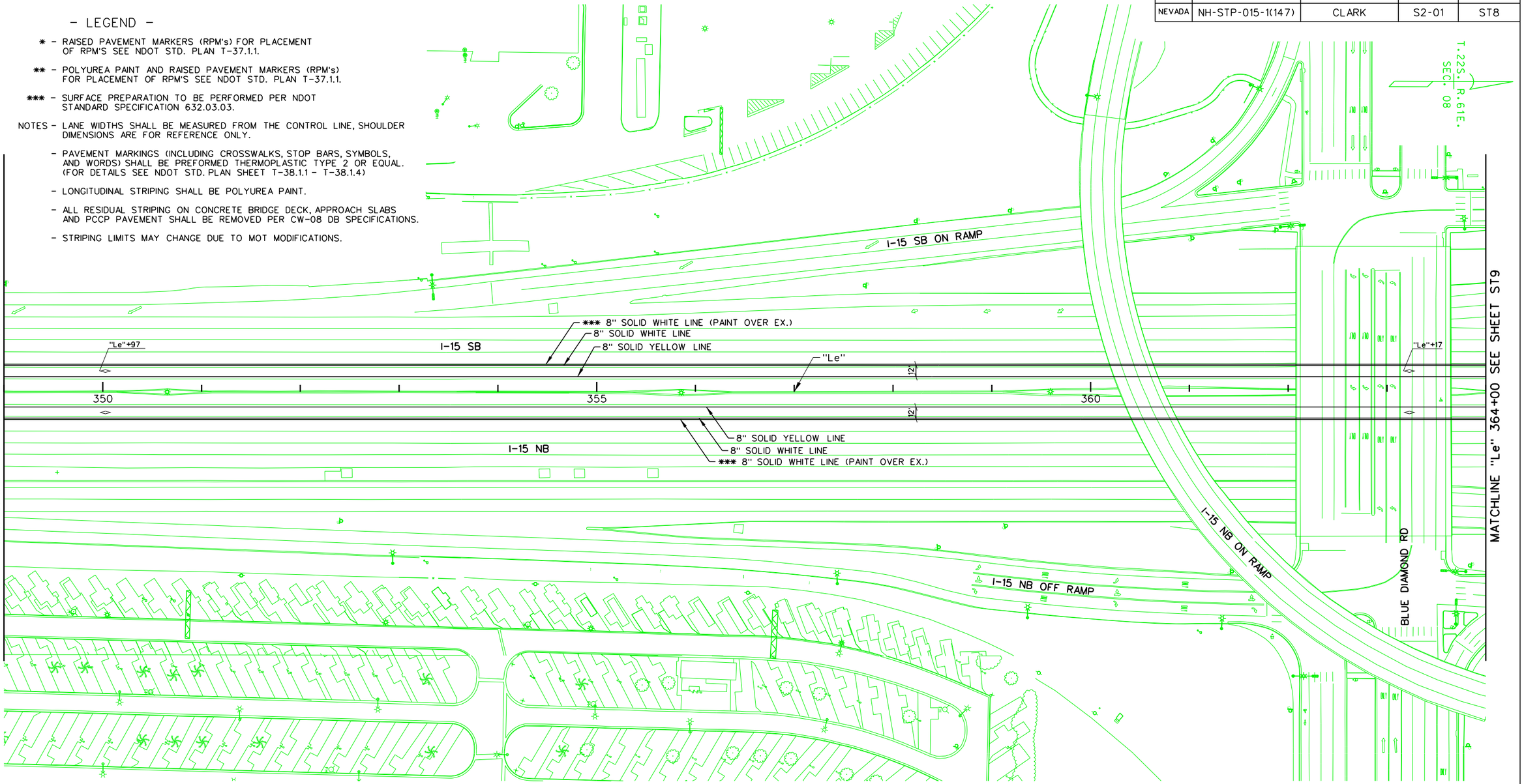
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST08	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
"Le" 349+00 TO "Le" 364+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST9

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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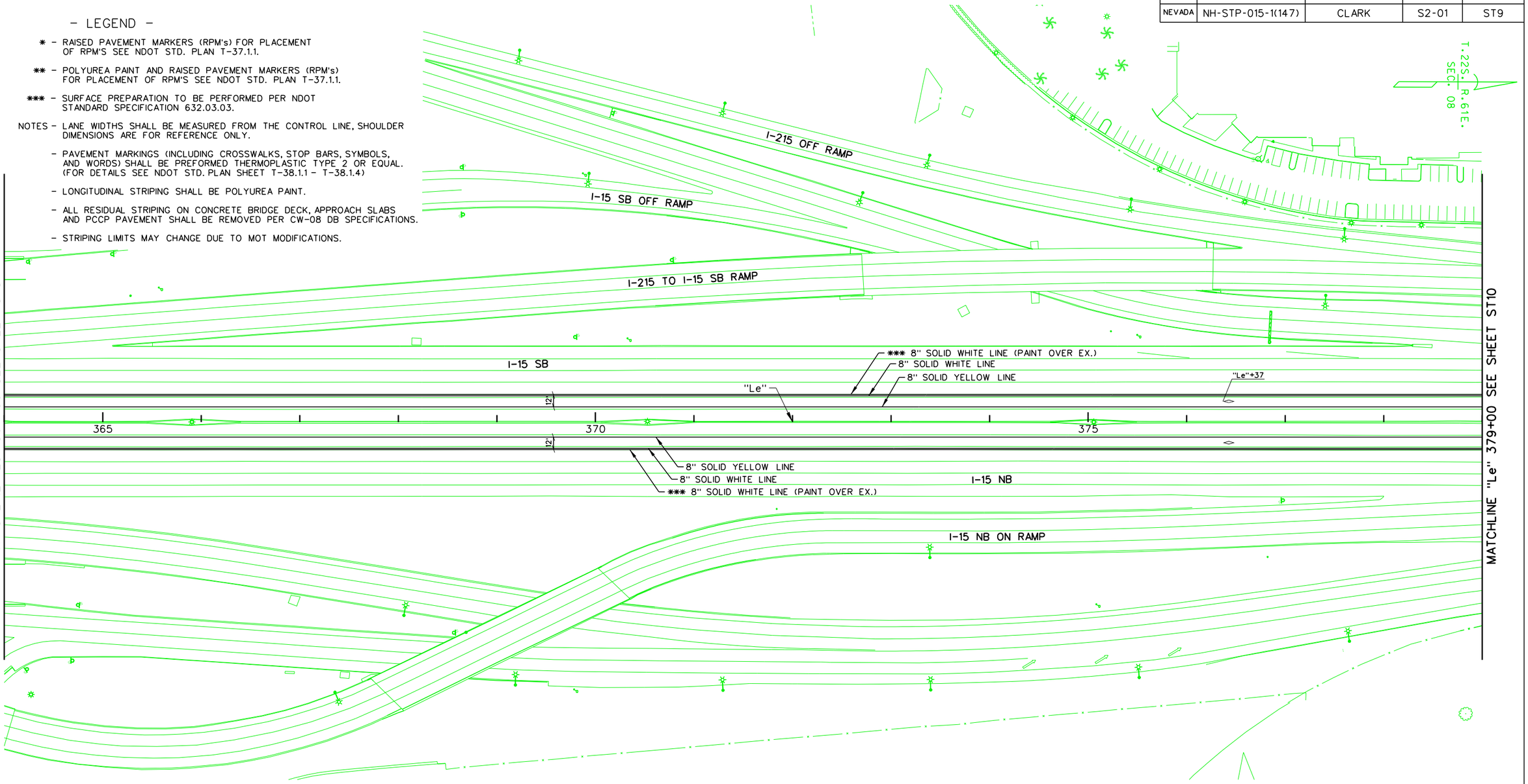
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST09	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 364+00 TO "Le" 379+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST10

– LEGEND –

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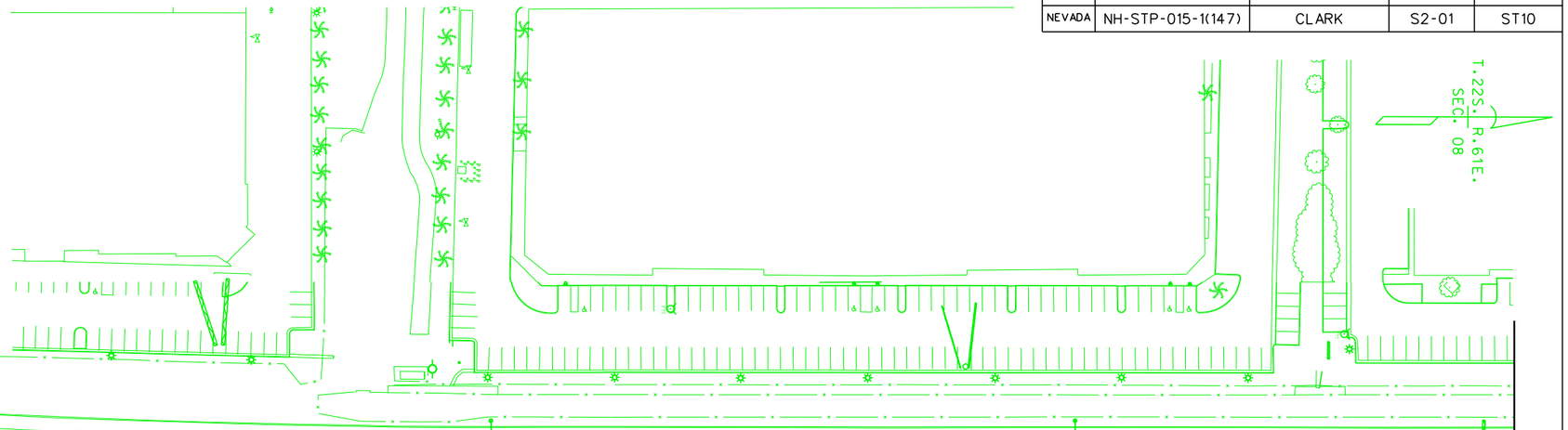
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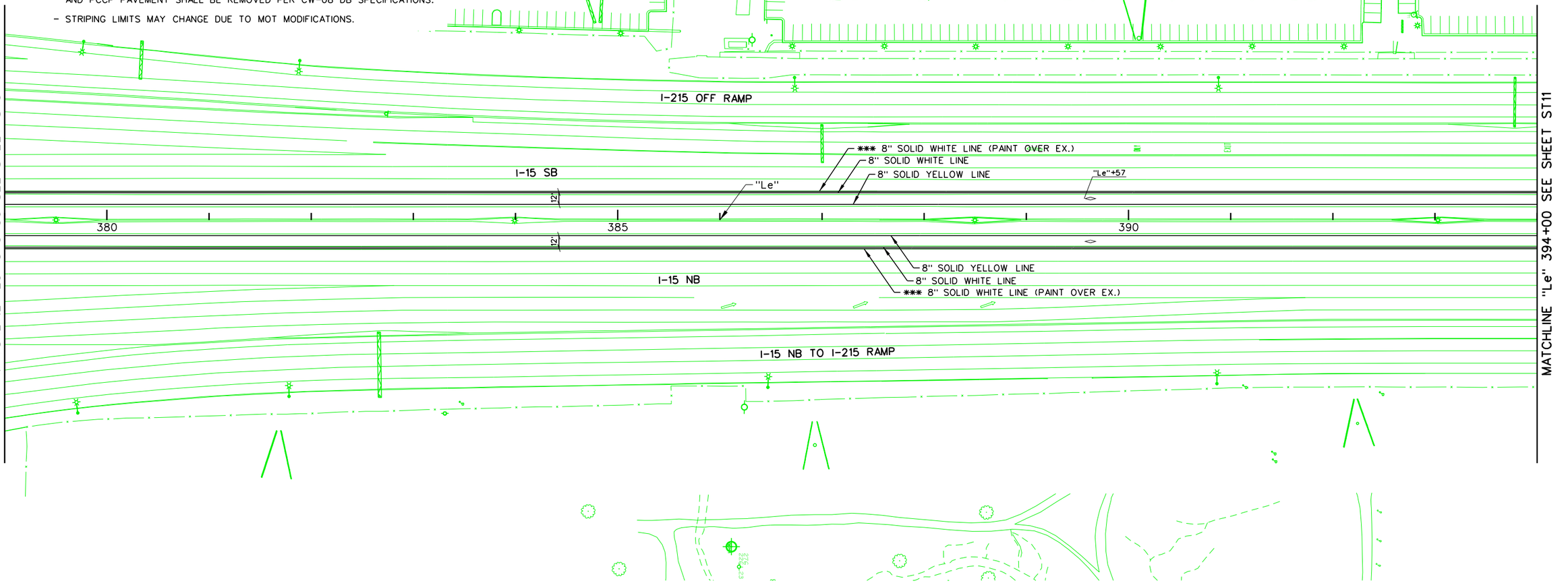
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.





NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST10	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 379+00 TO "Le" 394+00

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2270 Corporate Circle
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST11

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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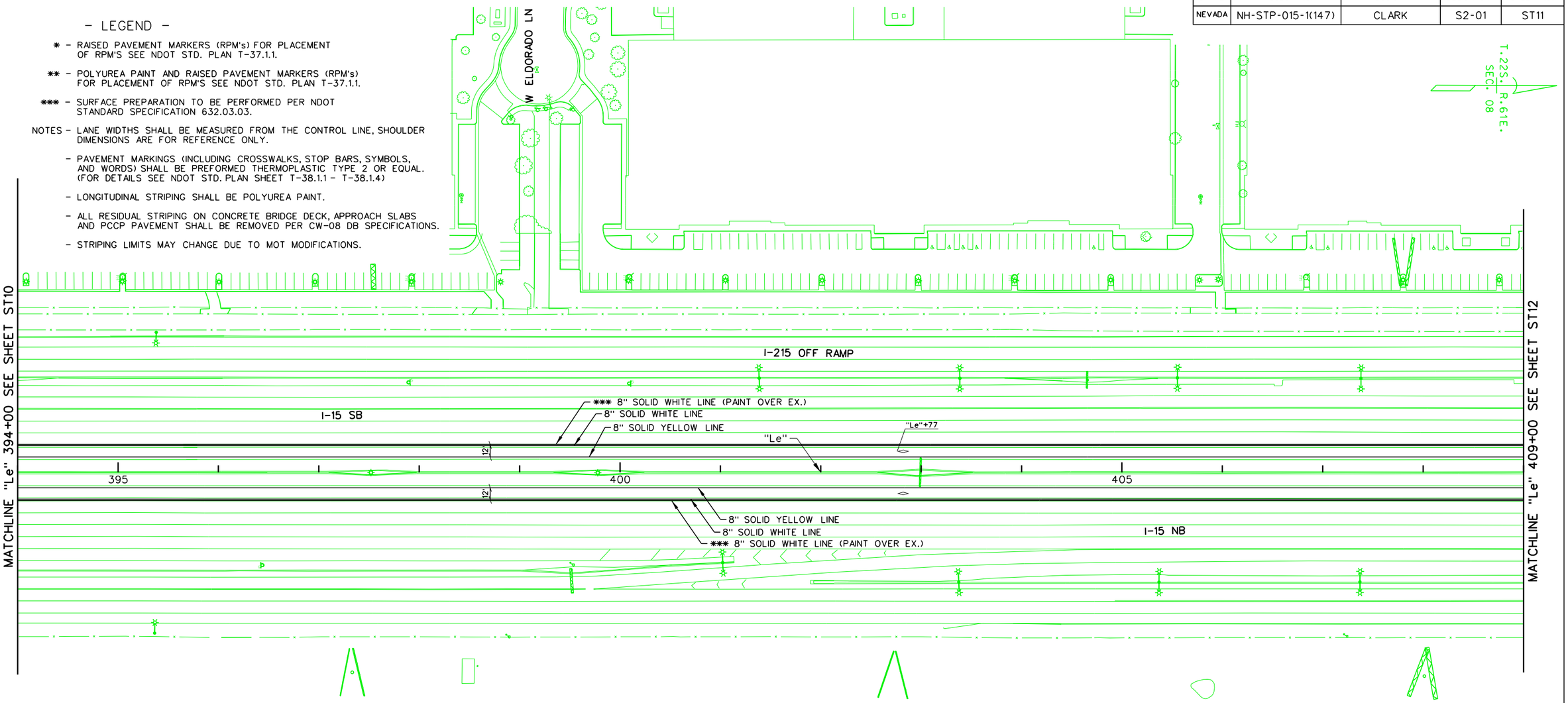
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST11	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 394+00 TO "Le" 409+00

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Henderson, Nevada 89074
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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST12

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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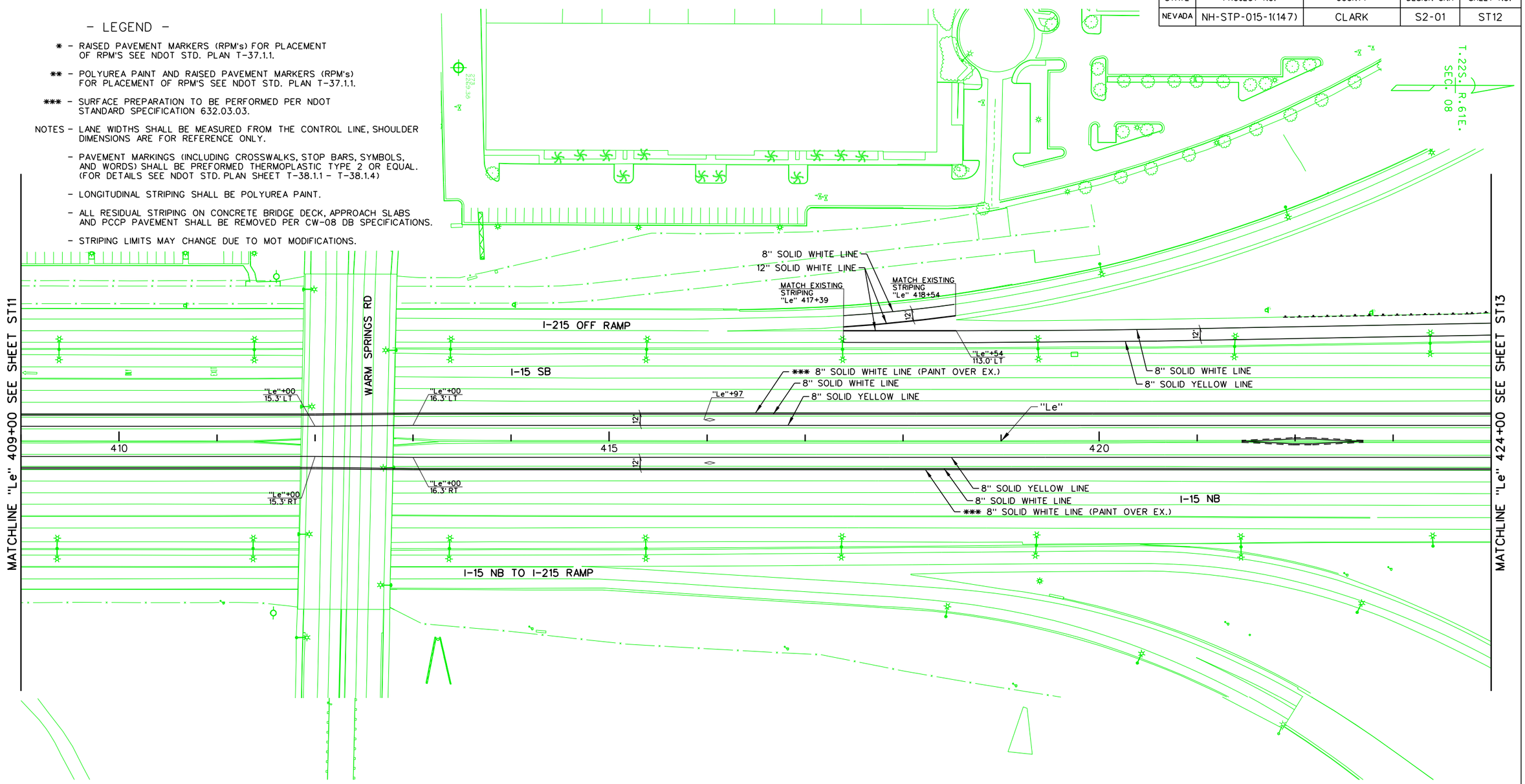
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NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT14ST12	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
"Le" 409+00 TO "Le" 424+00

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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST13

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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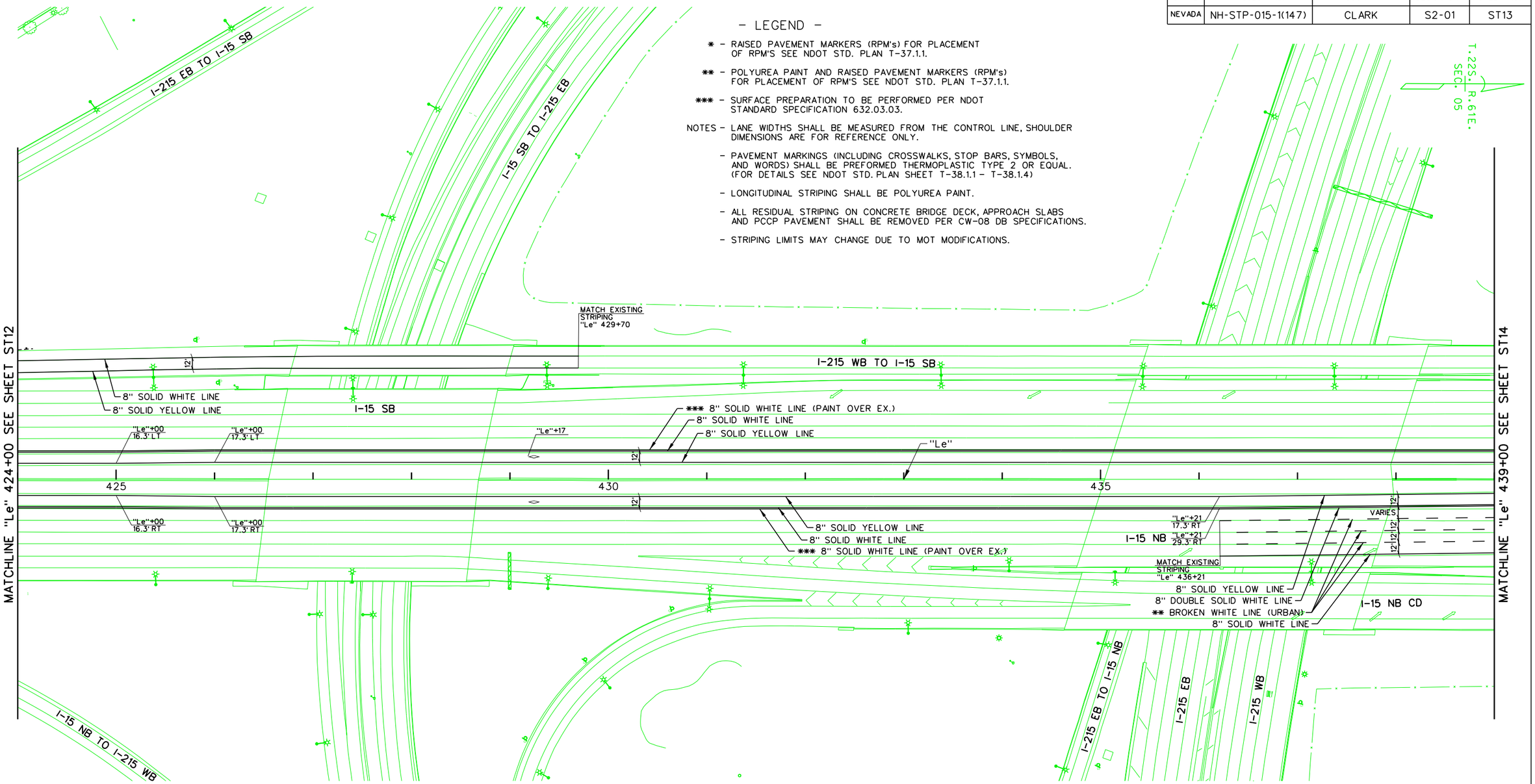
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– LONGITUDINAL STRIPING SHALL BE POLYUREA PAINT.

– ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST13	12/20/16

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 424+00 TO "Le" 439+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST14

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

** – POLYUREA PAINT AND RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

*** – SURFACE PREPARATION TO BE PERFORMED PER NDOT STANDARD SPECIFICATION 632.03.03.

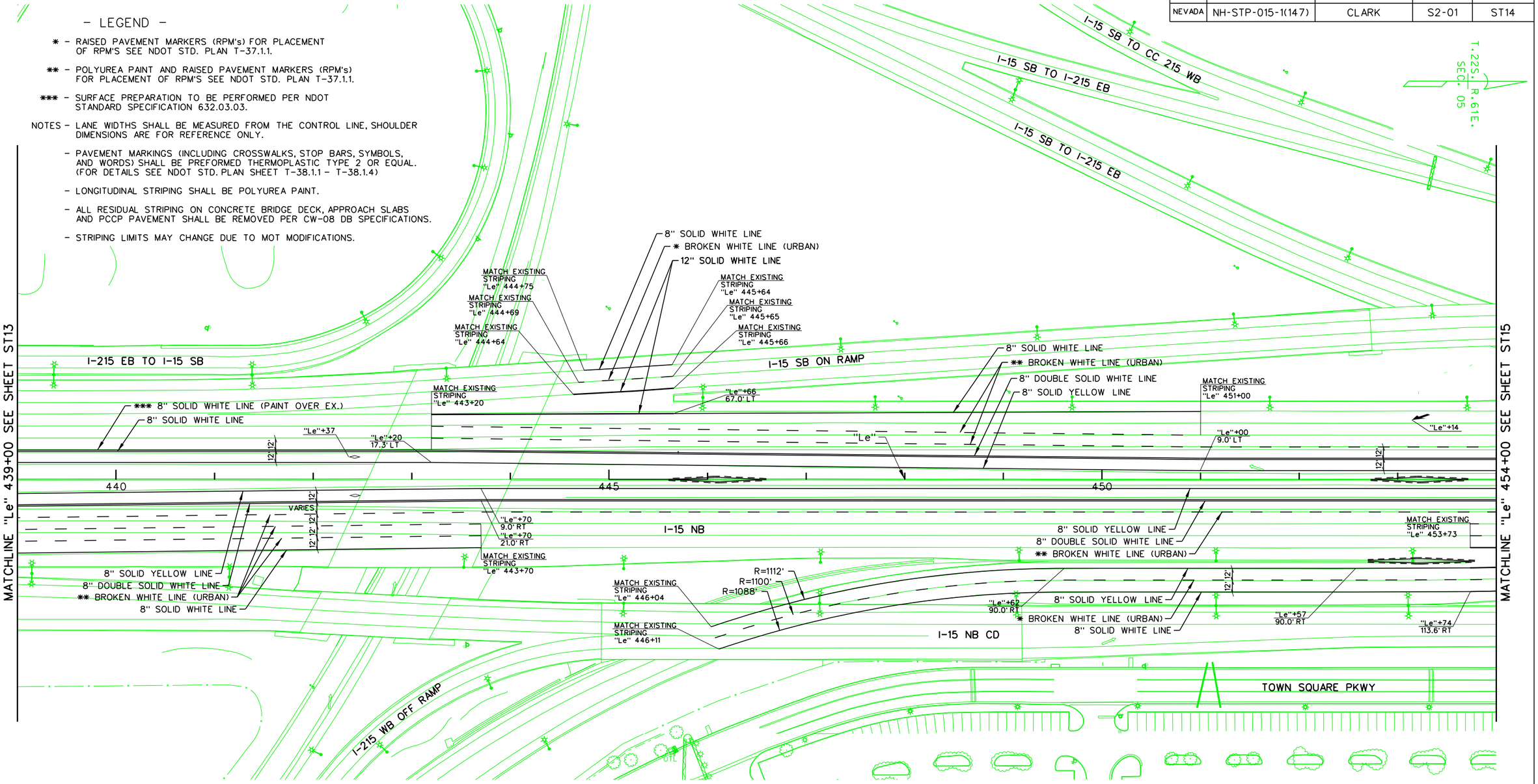
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST15

- LEGEND -

* - RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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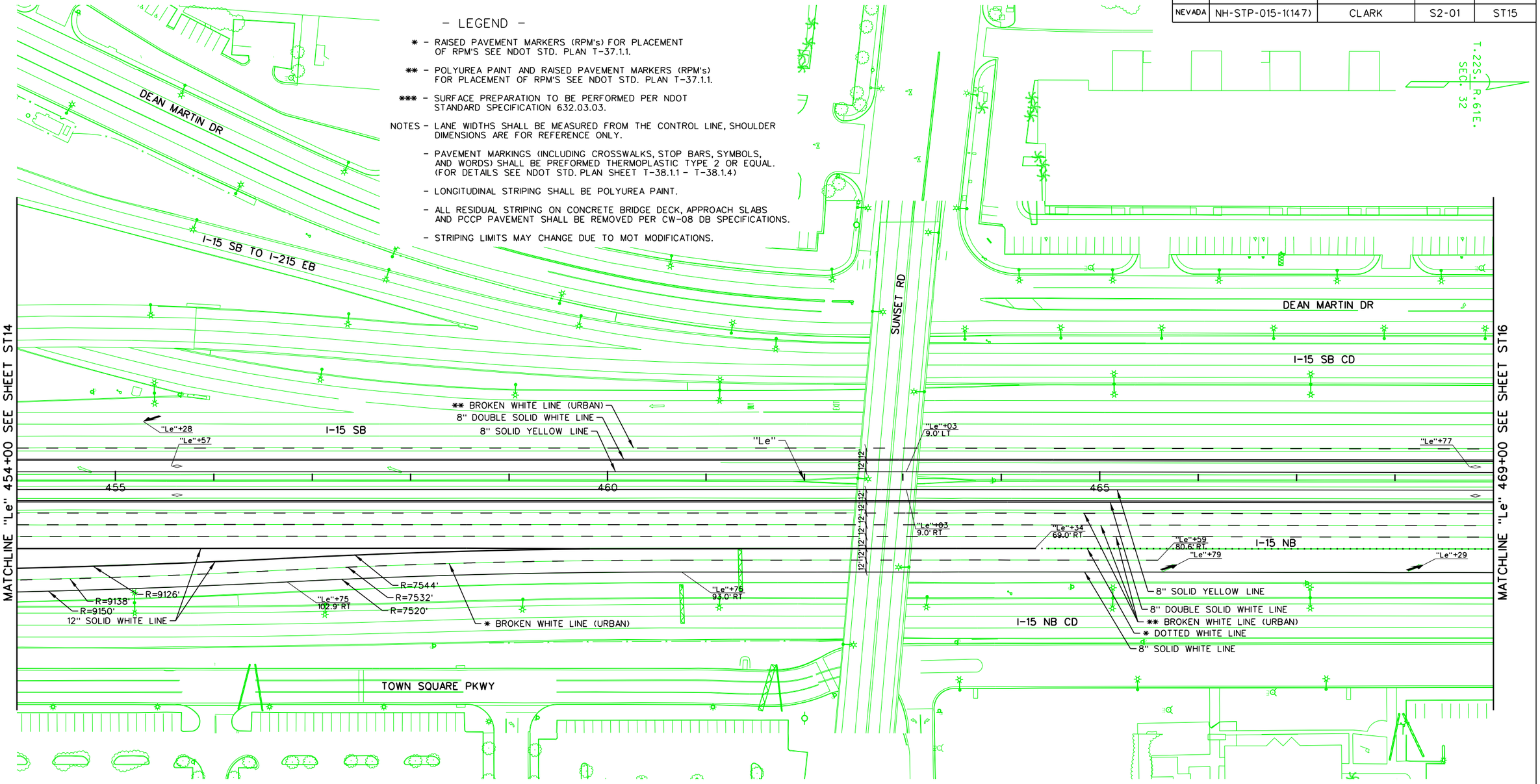
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST16

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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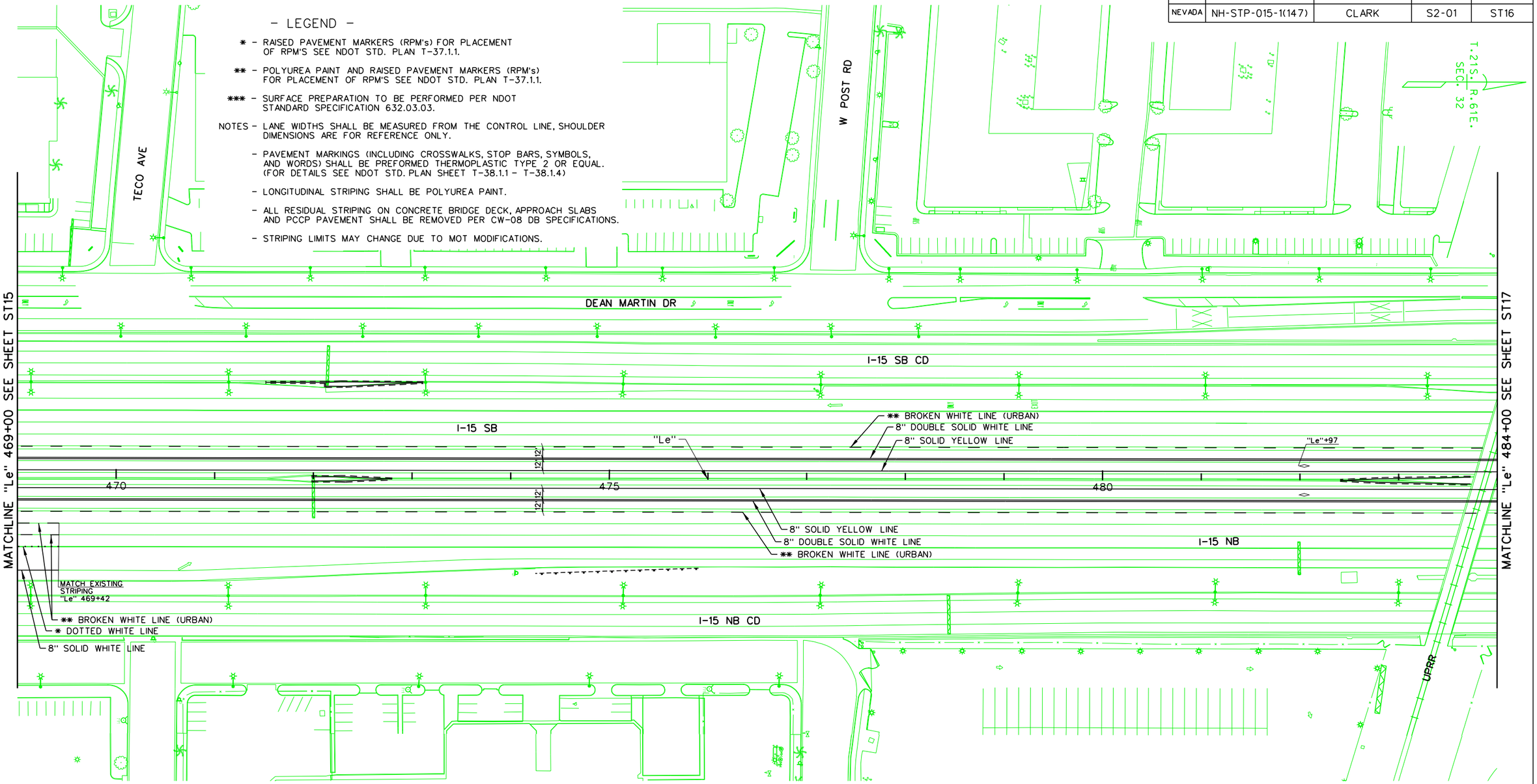
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST16	12/20/16

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STATE OF NEVADA
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PERMANENT STRIPING PLAN
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST17

– LEGEND –

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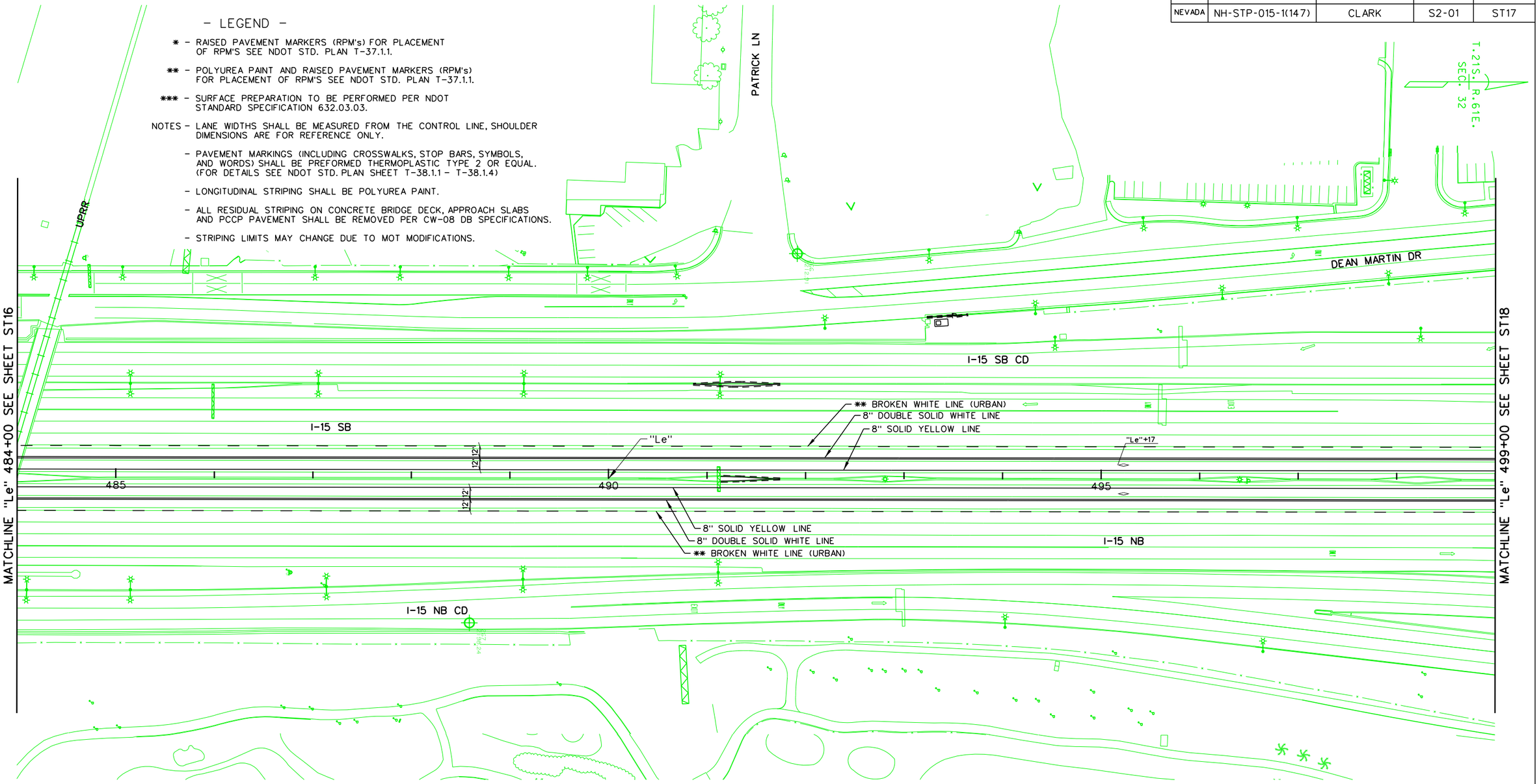
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NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT14ST17	12/20/16

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STATE OF NEVADA
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PERMANENT STRIPING PLAN
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST18

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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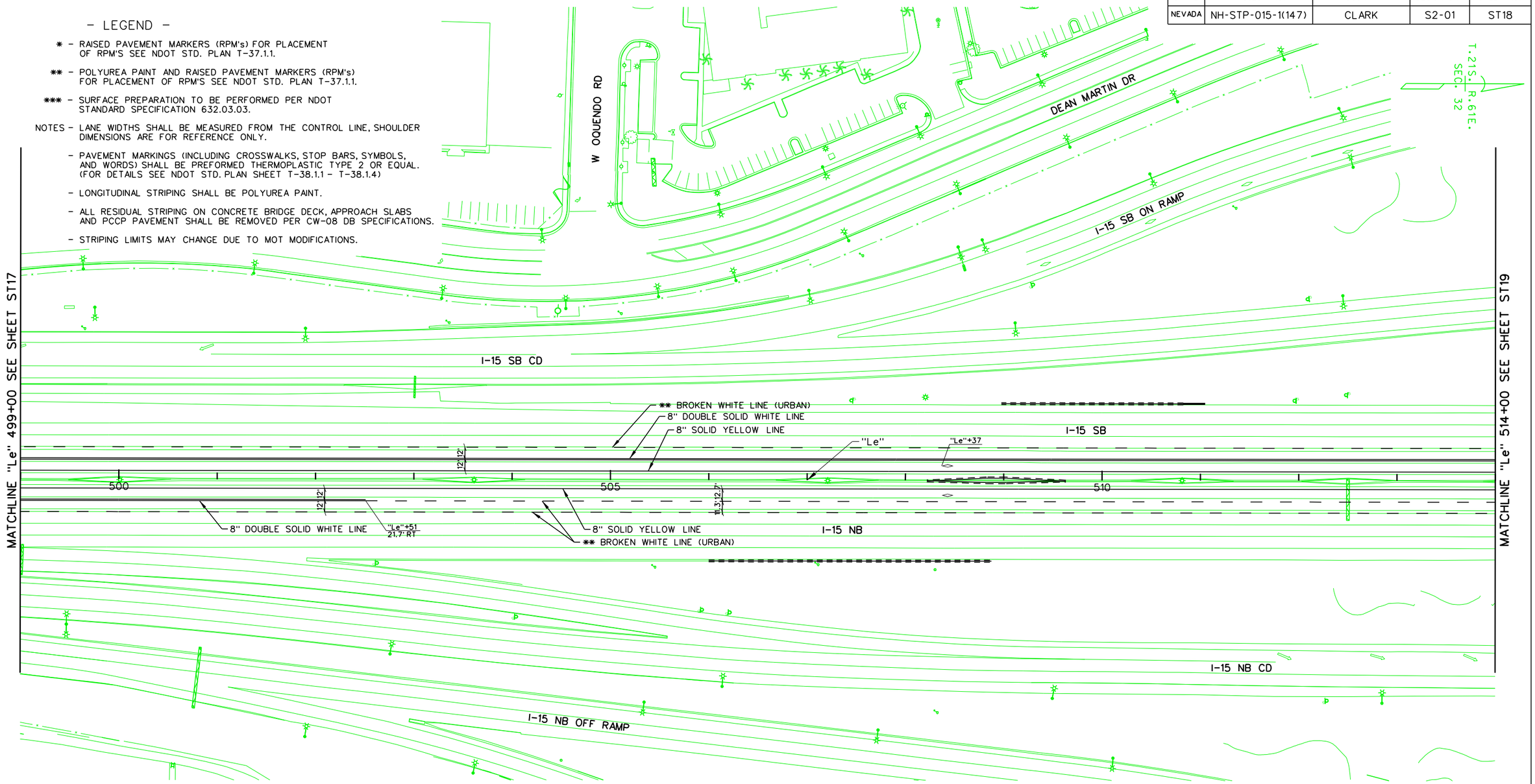
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST18	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

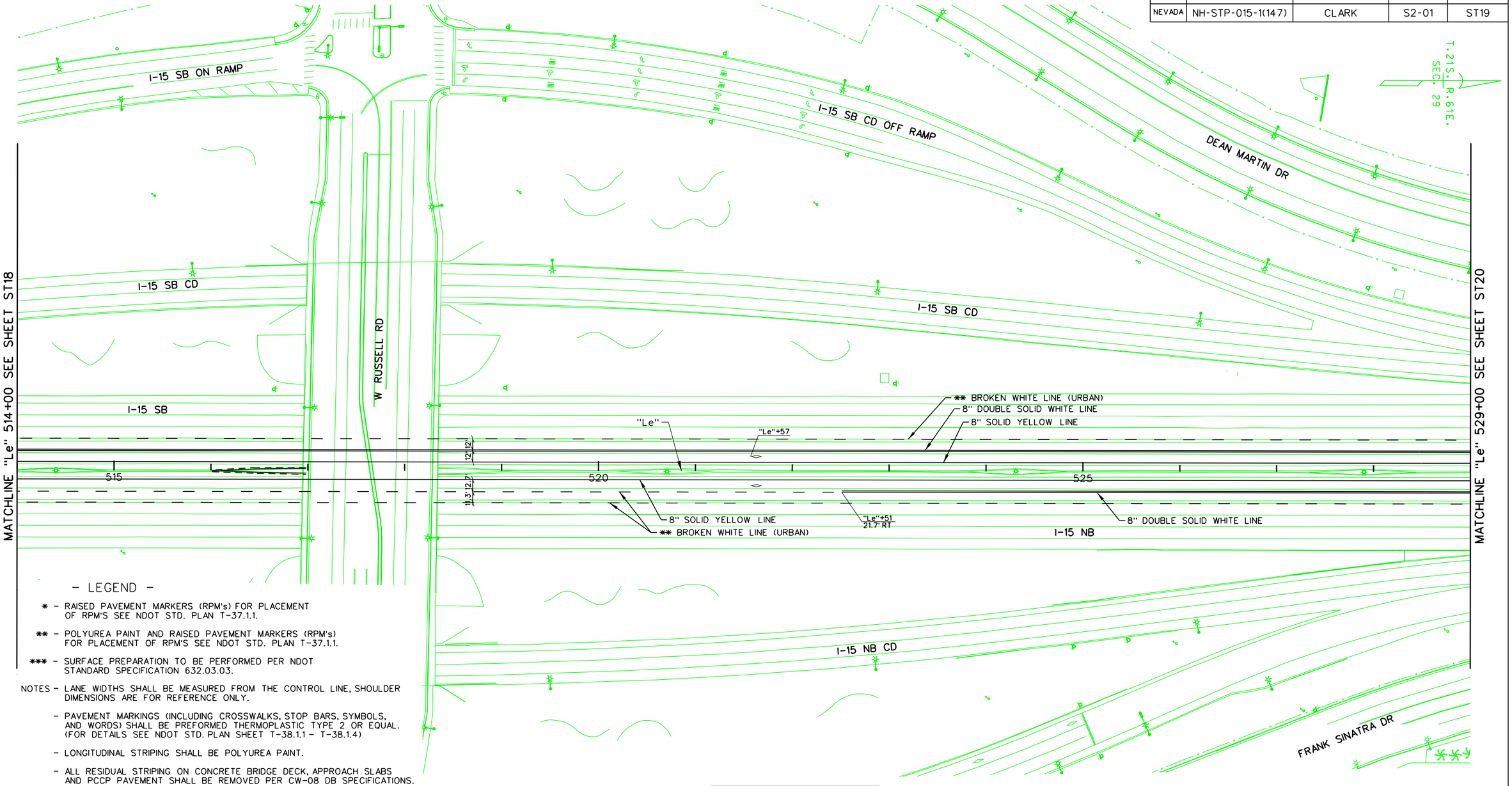
PERMANENT STRIPING PLAN
"Le" 499+00 TO "Le" 514+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST19



- LEGEND -

* - RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST19	12/20/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST20

– LEGEND –

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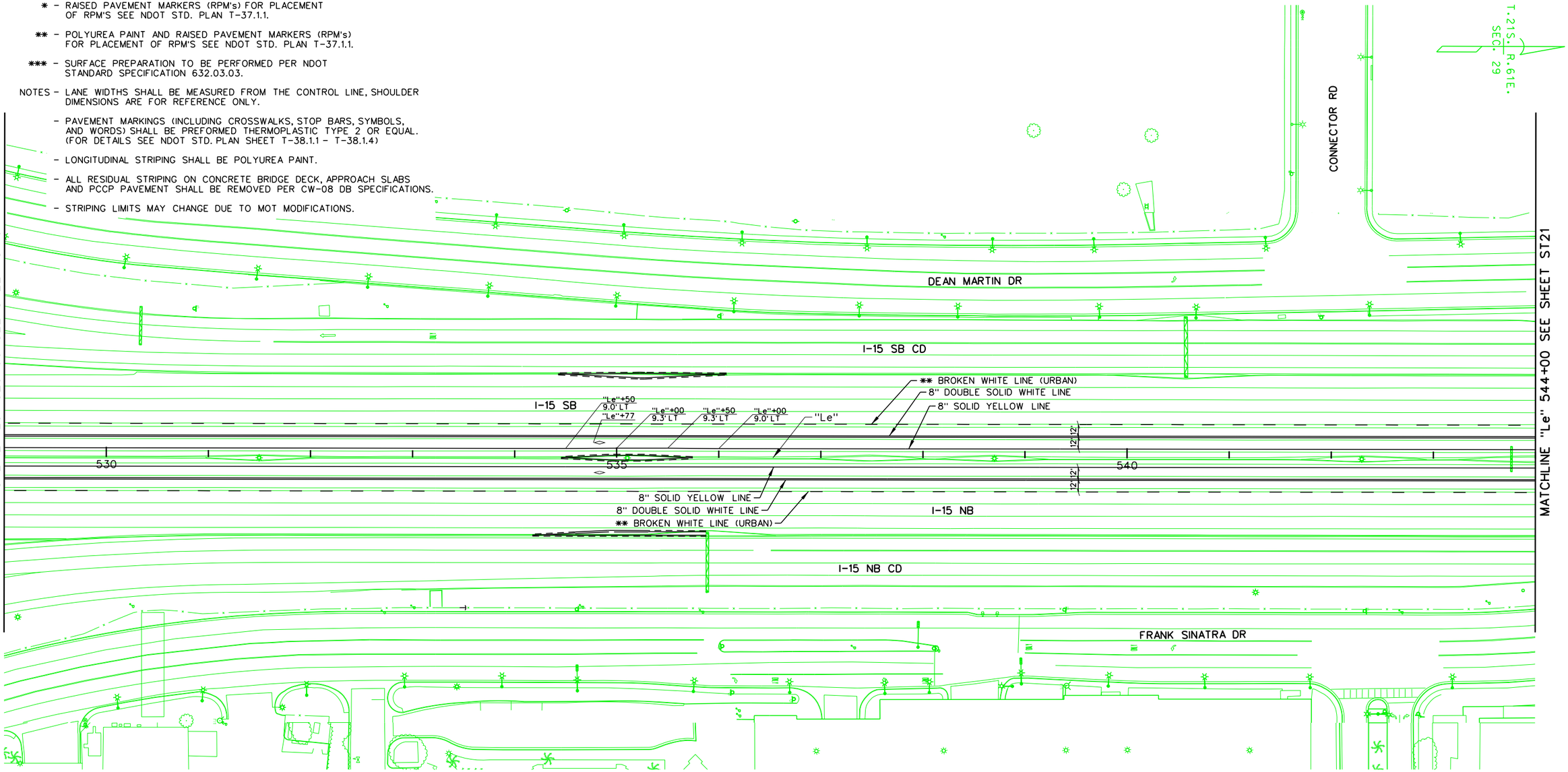
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0	RFC - 73652-S2-01-ATK-SHT14ST20	12/20/16

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STATE OF NEVADA
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST21

– LEGEND –

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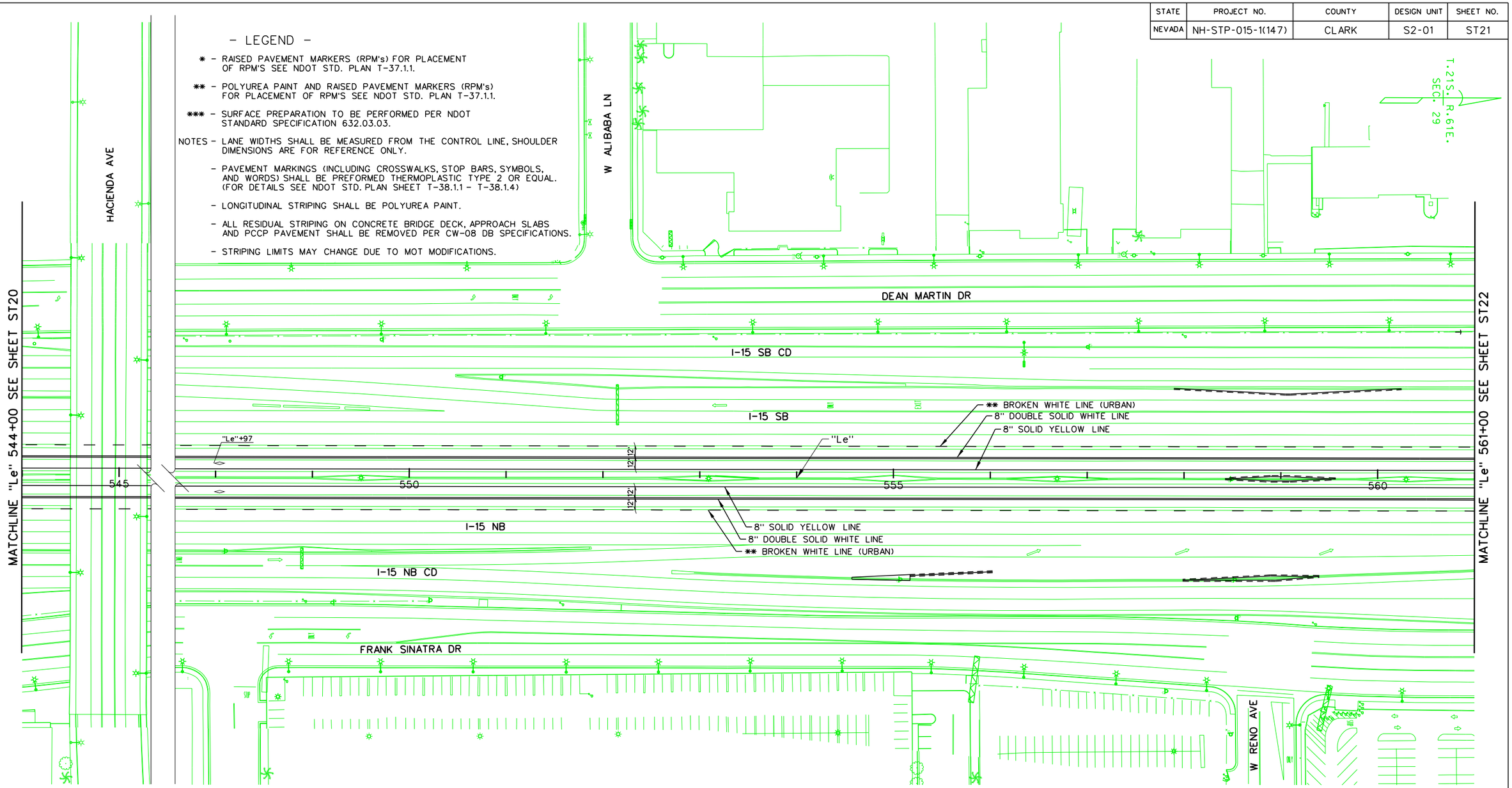
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST21	12/20/16

DESIGN UNIT S2-01

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 544+00 TO "Le" 561+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST22

– LEGEND –

* – RAISED PAVEMENT MARKERS (RPM's) FOR PLACEMENT OF RPM'S SEE NDOT STD. PLAN T-37.1.1.

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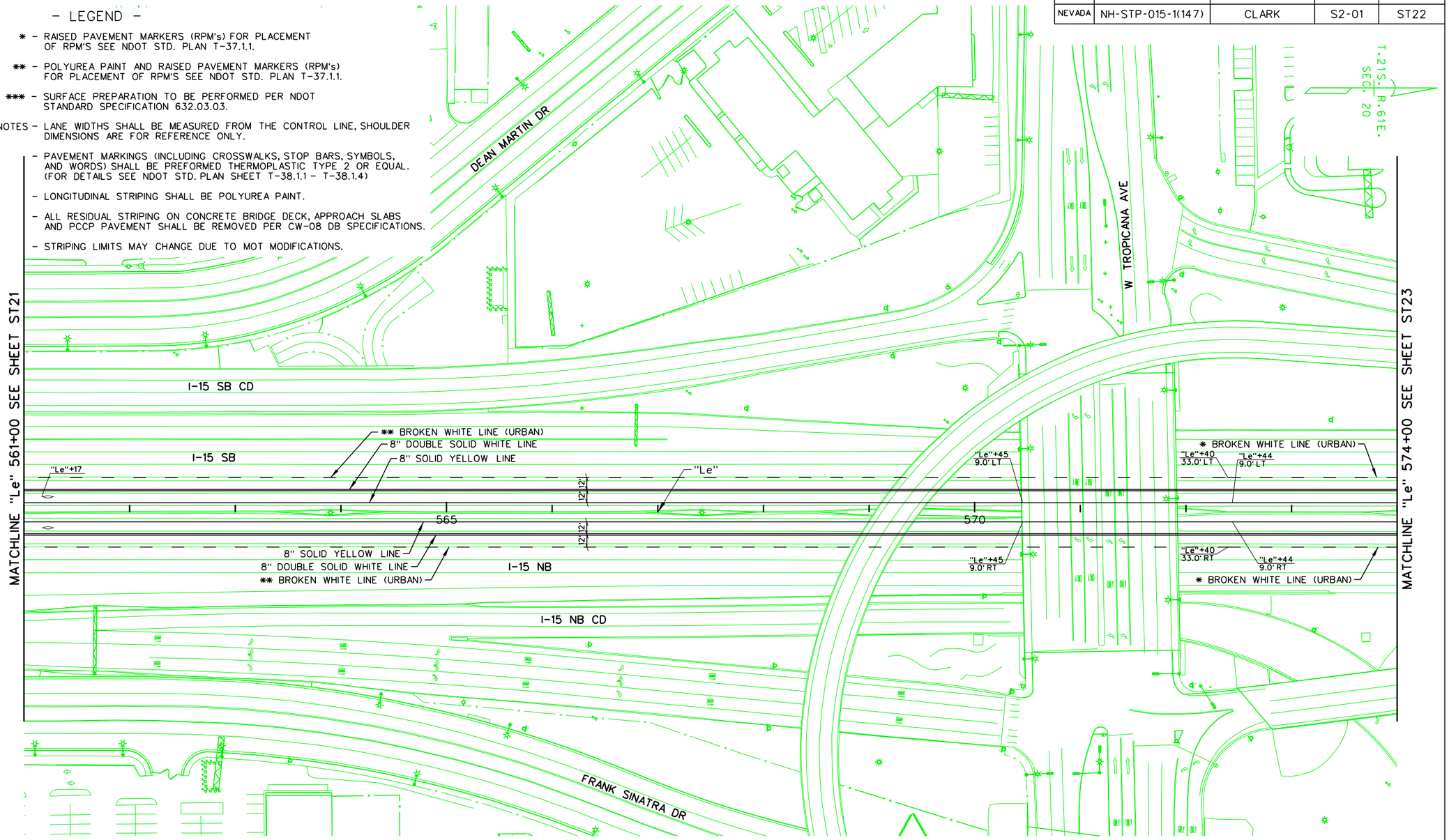
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NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT14ST22	12/20/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 561+00 TO "Le" 574+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST23

T.21S., R.61E., SEC. 20

– LEGEND –

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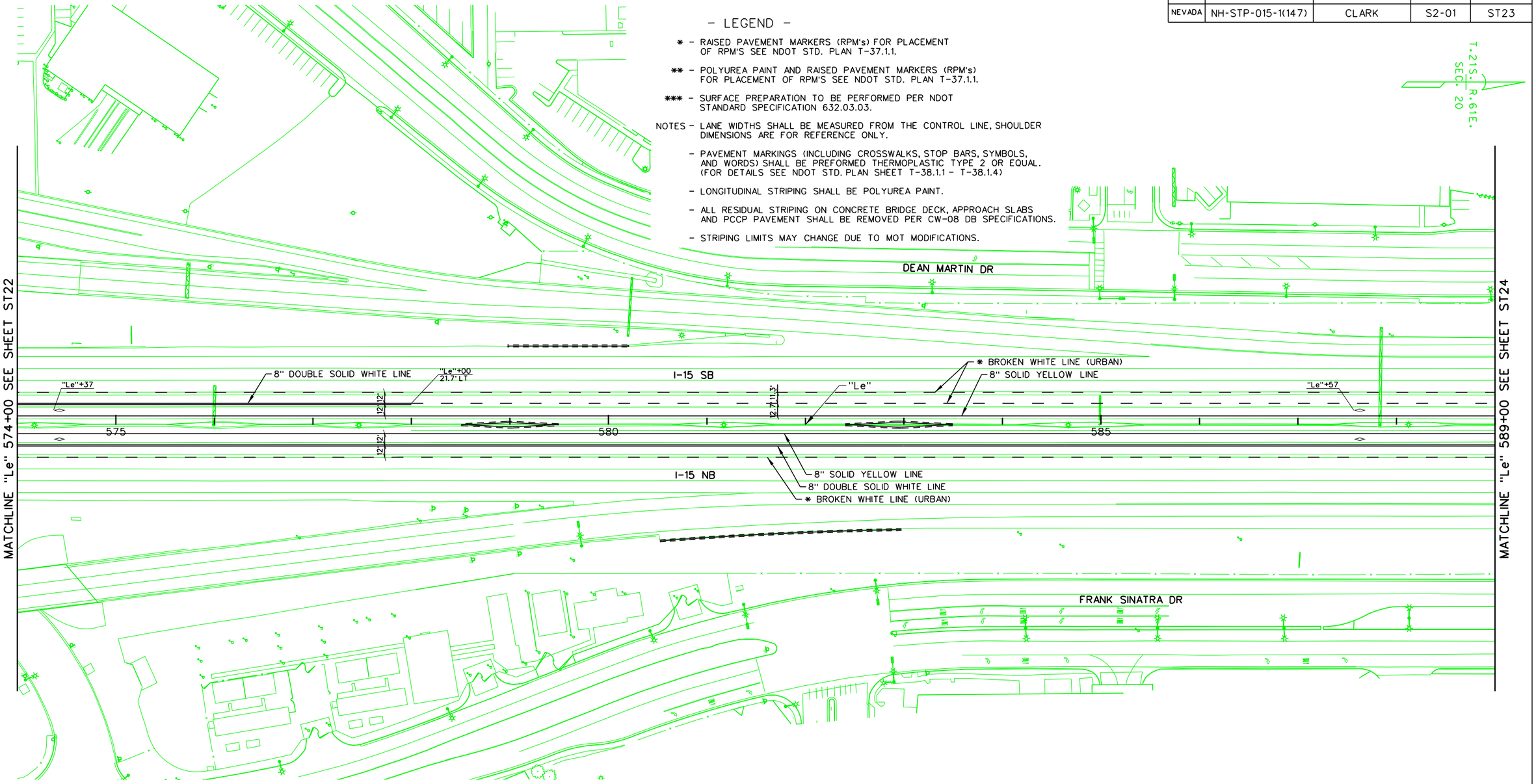
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– ALL RESIDUAL STRIPING ON CONCRETE BRIDGE DECK, APPROACH SLABS AND PCCP PAVEMENT SHALL BE REMOVED PER CW-08 DB SPECIFICATIONS.

– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST23	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
"Le" 574+00 TO "Le" 589+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST24

– LEGEND –

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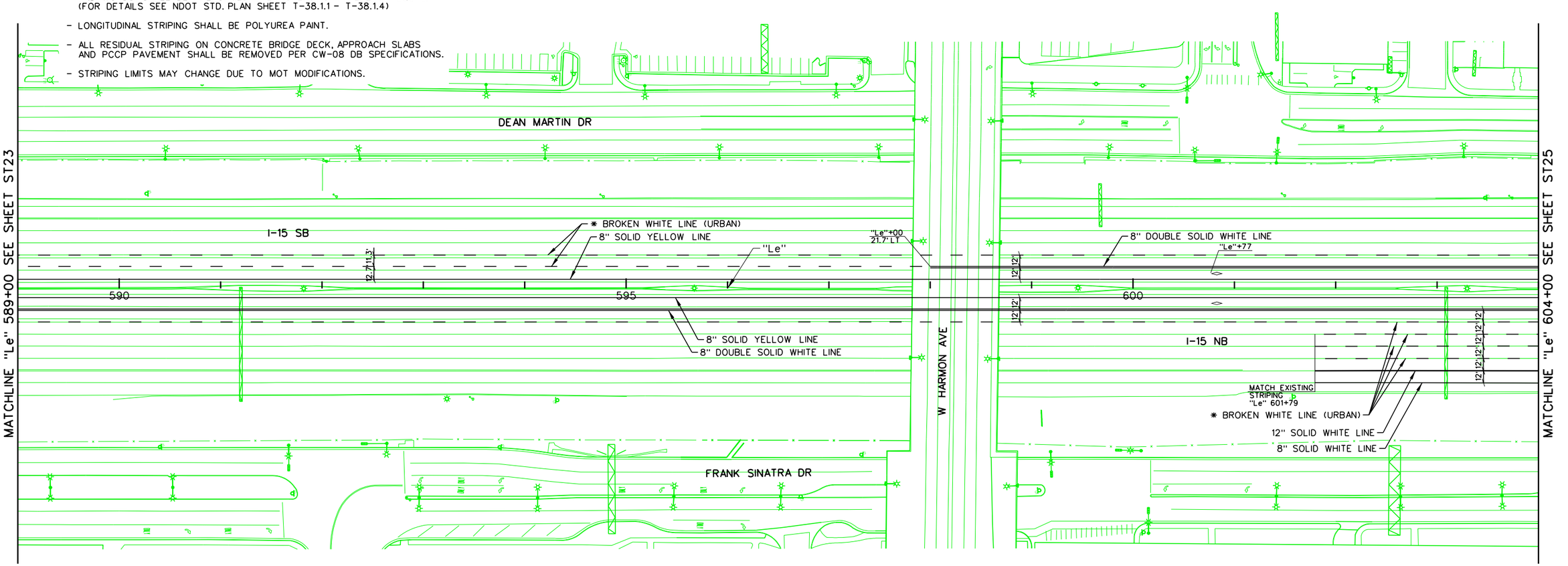
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.

T.21S., R.61E., SEC. 20



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST24	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 589+00 TO "Le" 604+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST25

– LEGEND –

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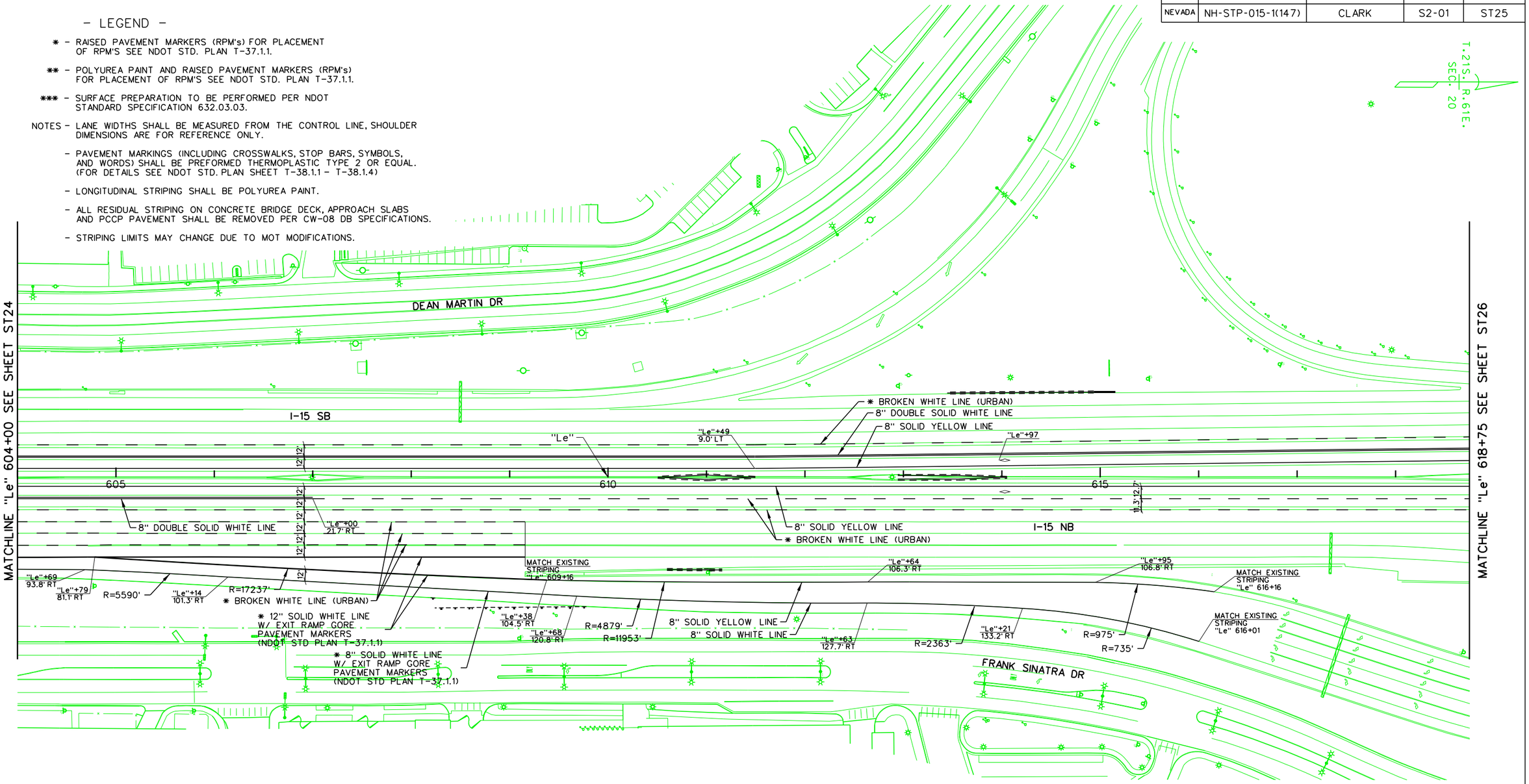
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST25	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 604+00 TO "Le" 618+75

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST26

– LEGEND –

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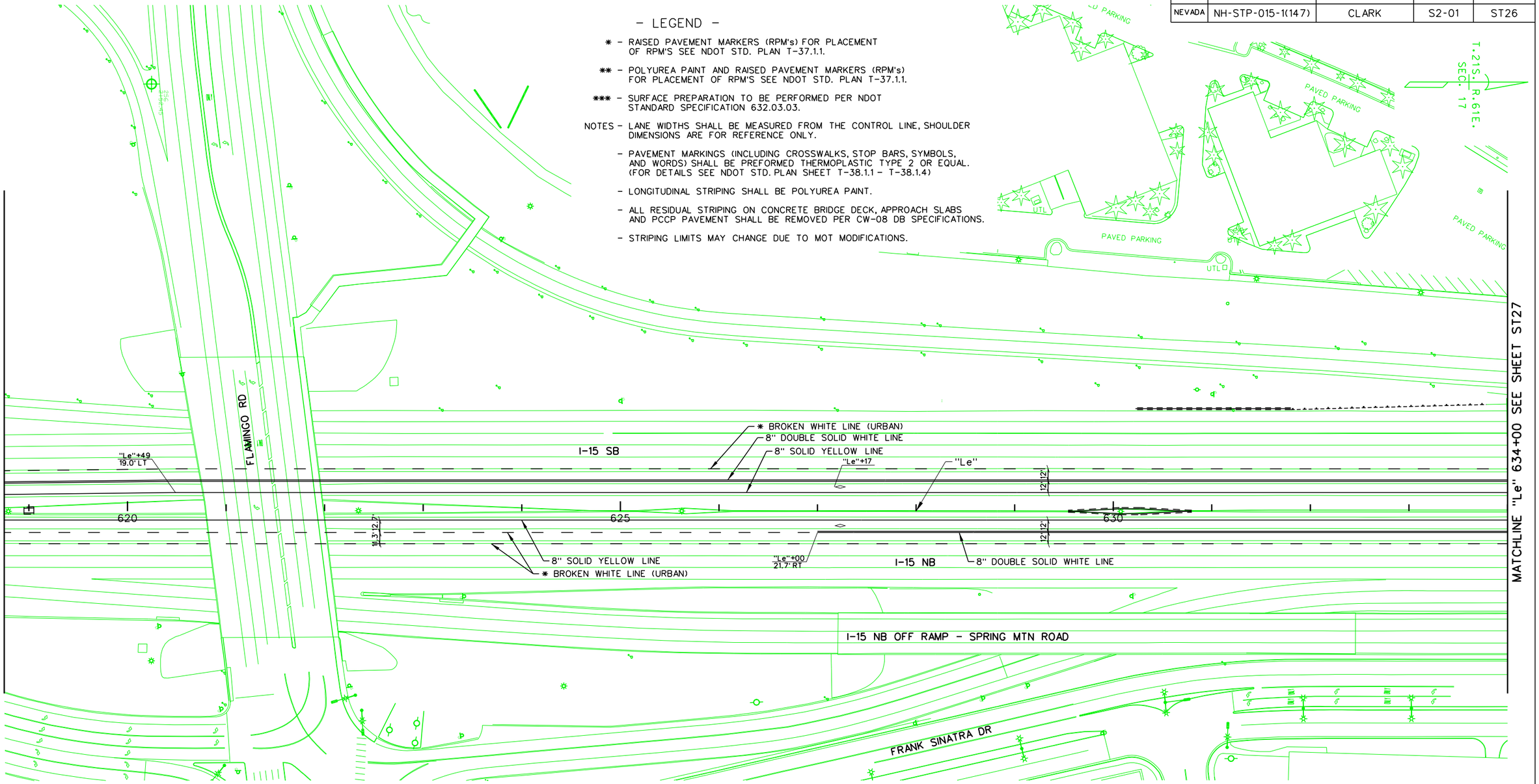
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– STRIPING LIMITS MAY CHANGE DUE TO MOT MODIFICATIONS.



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST26	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 618+75 TO "Le" 634+00

ATKINS
2270 Corporate Circle
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Henderson, Nevada 89074
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST27

- LEGEND -

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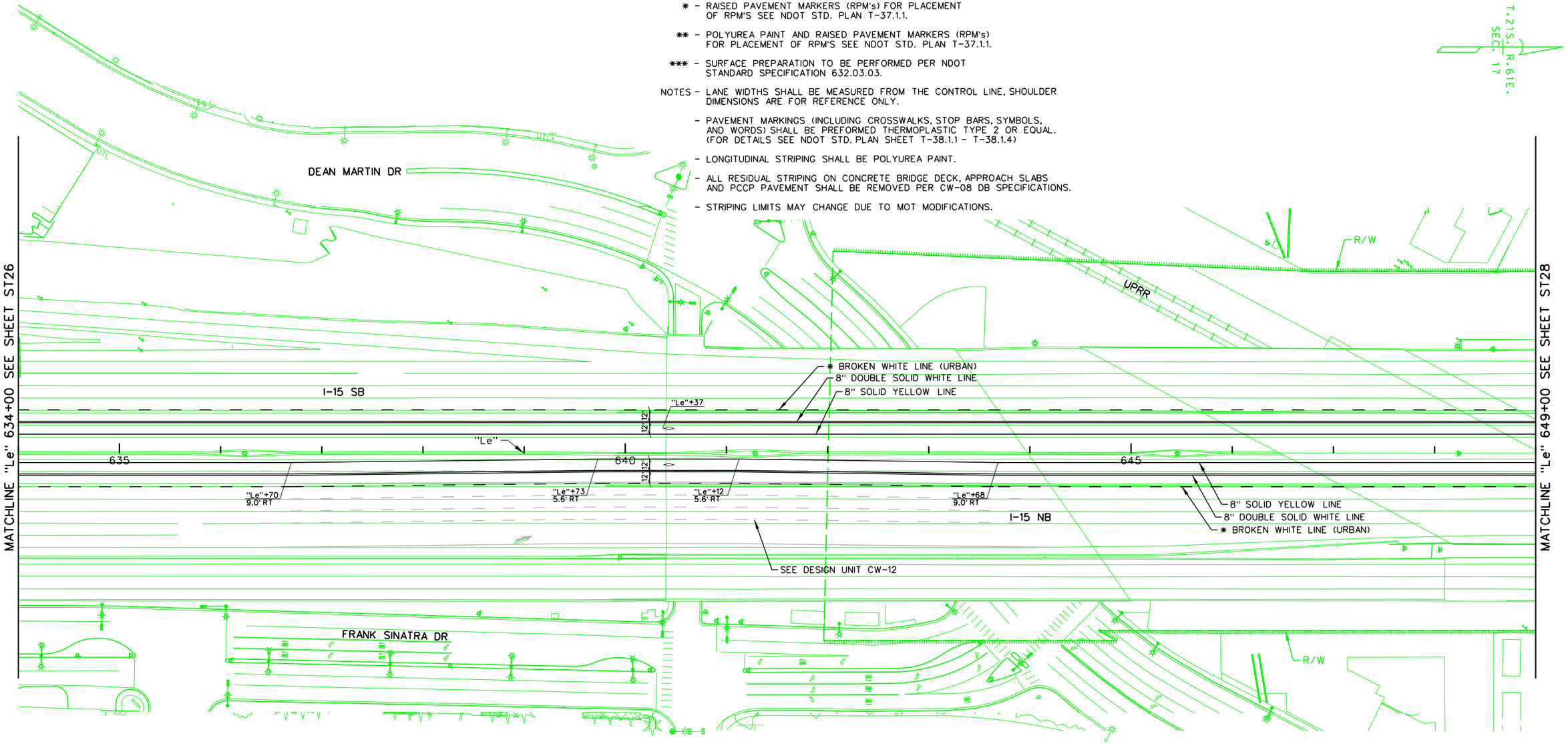
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NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT14ST27	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 634+00 TO "Le" 649+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST28

- LEGEND -

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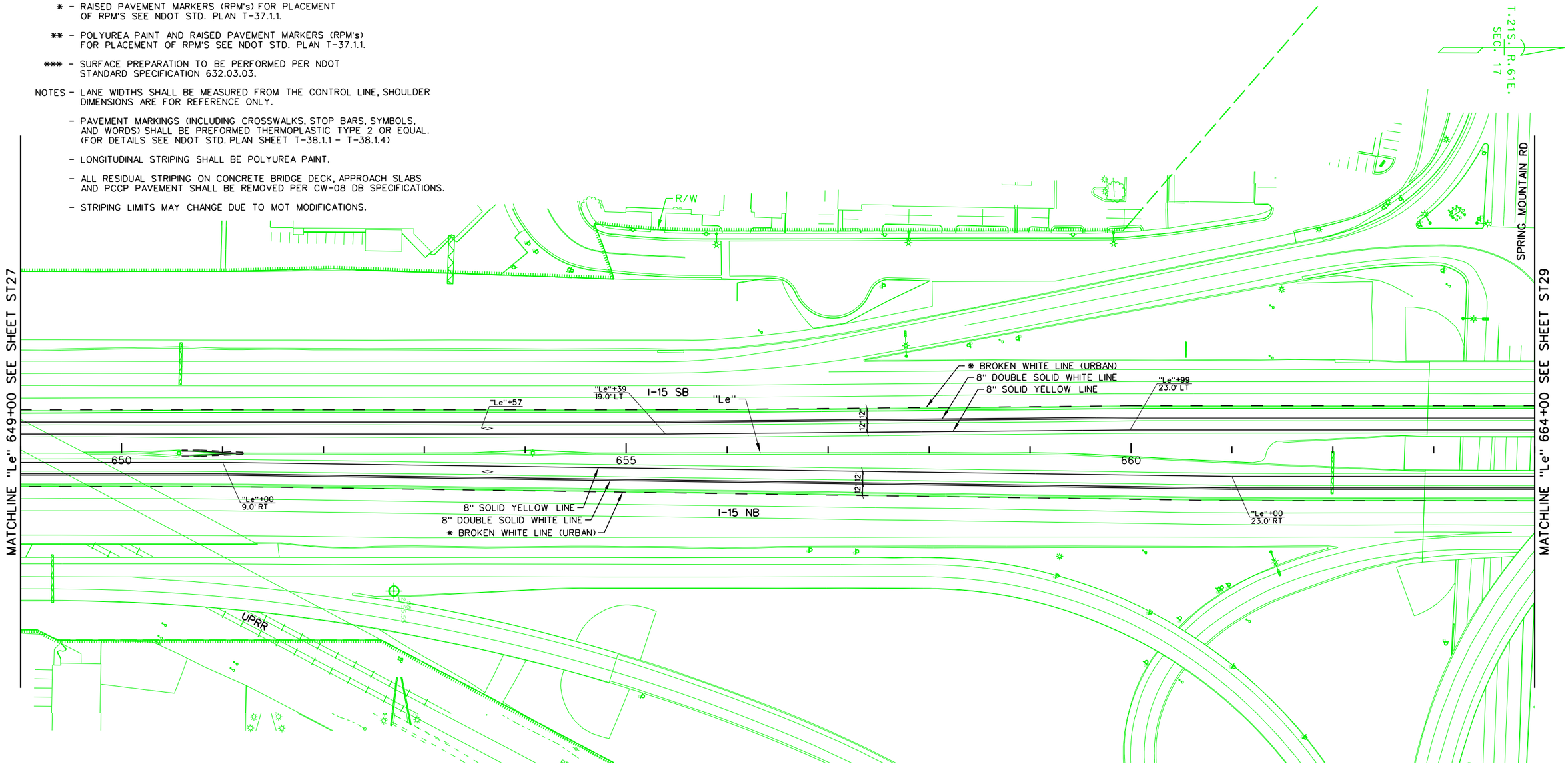
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST28	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN "Le" 649+00 TO "Le" 664+00

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Henderson, Nevada 89074
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST29

- LEGEND -

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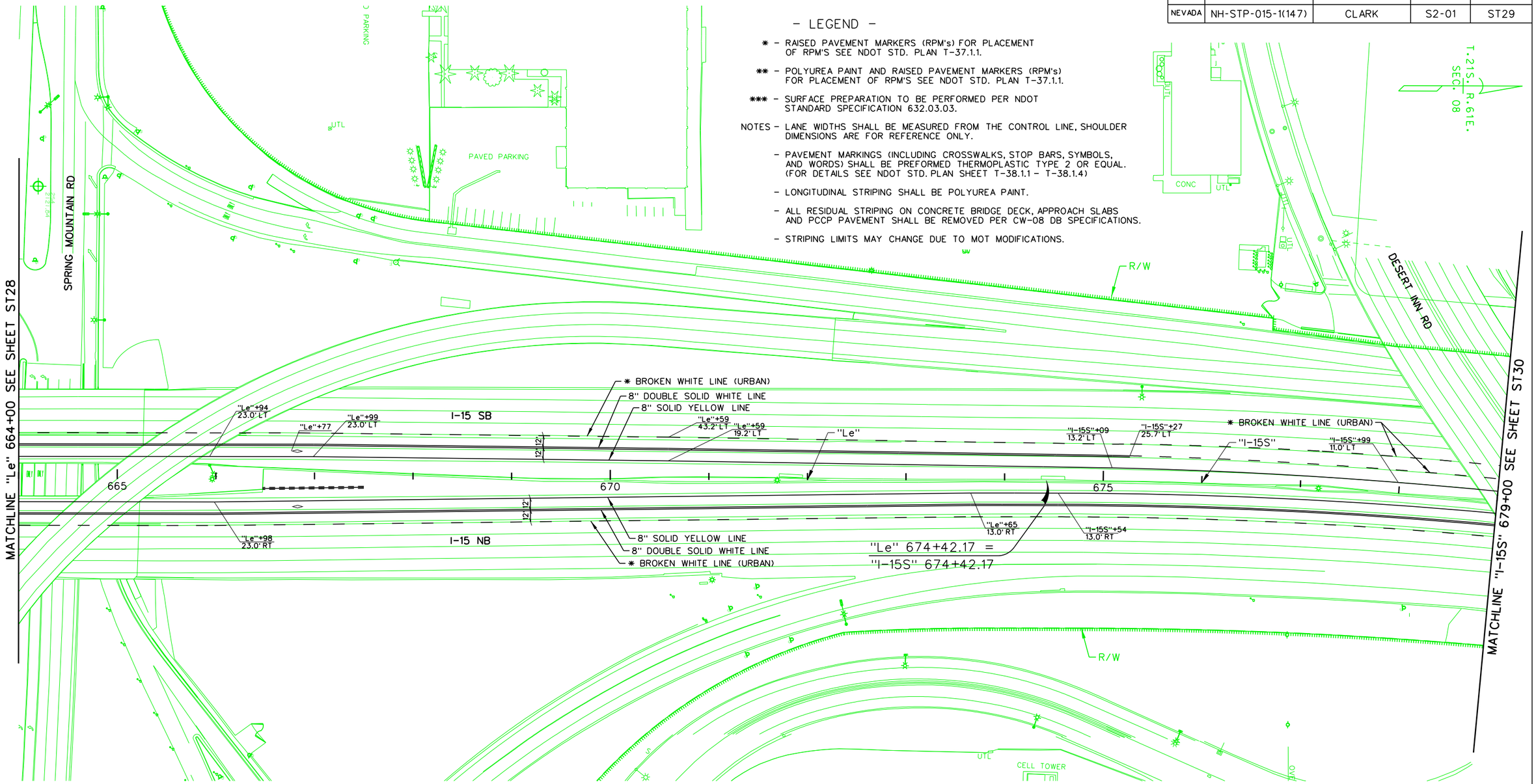
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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST29	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
"Le" 664+00 TO "I-15S" 679+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST30

– LEGEND –

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T.21S., R.61E. SEC. 08

SIRUS AVE

R/W

RANCHO DR

* BROKEN WHITE LINE (URBAN)

8" SOLID YELLOW LINE

"I-15S"

I-15 SB

"I-15S"+97

"I-15S"+32
9.9' LT

12'

2.7'

13.5'

685

690

"I-15S"+17

680

12'

12'

"I-15S"+45
11.3' RT

I-15 NB

R=5150'

8" SOLID YELLOW LINE

8" DOUBLE SOLID WHITE LINE

* BROKEN WHITE LINE (URBAN)

MATCH EXISTING STRIPING "I-15S" 688+07

MATCHLINE "I-15S" 679+00 SEE SHEET ST29

DESERT INN RD

R/W

MATCHLINE "I-15S" 694+00 SEE DESIGN UNIT S1-03

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST30	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

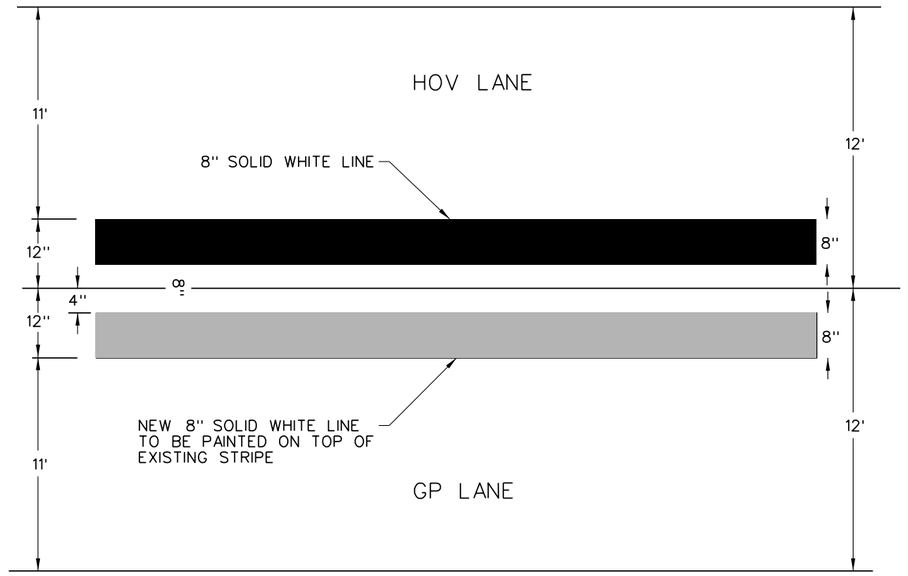
PERMANENT STRIPING PLAN
"I-15S" 679+00 TO "I-15S" 694+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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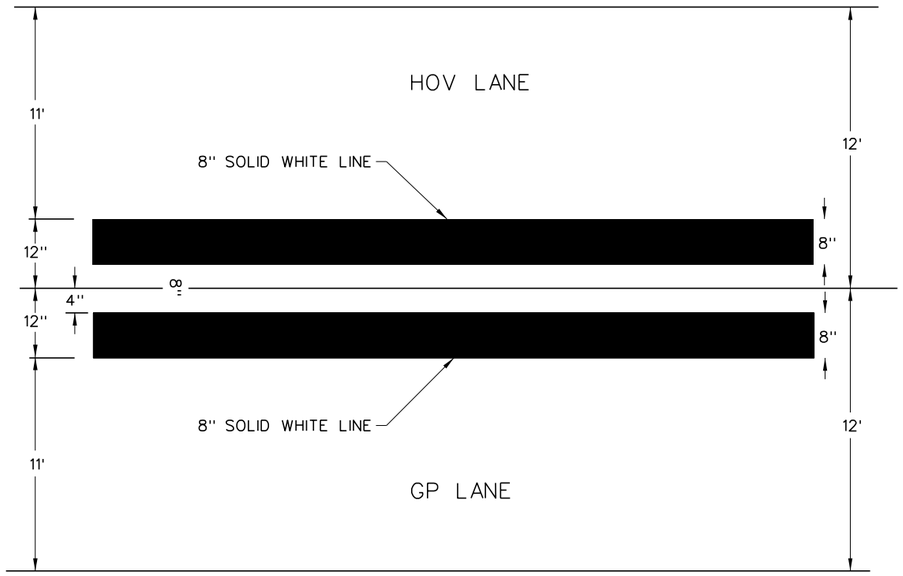
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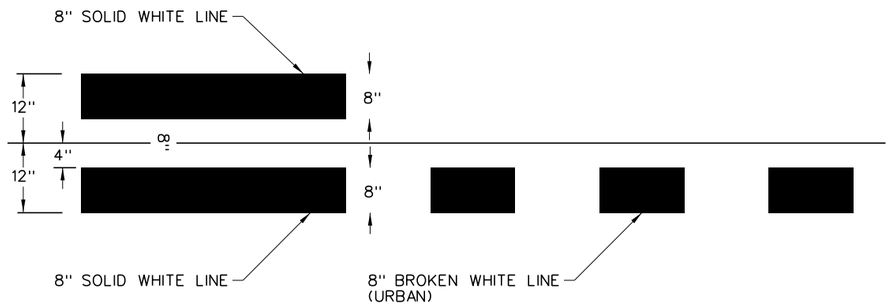
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ST31



HOV LANE STRIPING DETAIL
NB "Le" 296+40 – "Le" 436+21
SB "Le" 275+40 – "Le" 443+20



HOV LANE STRIPING DETAIL
NB "Le" 436+21 – "I-15S" 694+00
SB "Le" 443+20 – "I-15S" 694+00



INTERMEDIATE ACCESS HOV STRIPING DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT14ST31	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIMITED ACCESS HOV STRIPING DETAIL

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT0

– LEGEND –

- UTILITY POWER SOURCE
- NEW STREETLIGHT – NDOT TYPE 7/14 LED STANDARD POLE TYPE 28/31
- NEW AND/OR RELOCATED SERVICE PEDESTAL
- NEW HIGHMAST LIGHT – SEE PLAN AND LUMINAIRE SCHEDULE FOR HEAD COUNT
- NEW SIGN MOUNTED LIGHT ON LIGHT RETRIEVAL SYSTEM
- NEW UNDERPASS LIGHT
- NEW PULL BOX
- NEW PANEL BOARD
- NEW TRANSFORMER
- NEW METER / MAIN
- EXISTING METER / MAIN
- EXISTING TRANSFORMER
- EXISTING PULL BOX
- EXISTING SERVICE PEDESTAL
- EXISTING STREETLIGHT
- EXISTING SIGN MOUNTED LIGHT
- EXISTING UNDERPASS LIGHT
- EXISTING HIGHMAST POLE WITH LIGHT REPLACEMENT
- EXISTING STREETLIGHT – NDOT TYPE 7/14 LED STANDARD POLE TYPE 28/31
- EXISTING HIGHMAST LIGHT – SEE PLAN FOR HEAD COUNT
- DEMO LIGHT
- DEMO SERVICE PEDESTAL
- REPLACEMENT UNDERPASS LIGHT
- REPLACEMENT SERVICE PEDESTAL
- REPLACEMENT SIGN MOUNTED LIGHT ON LIGHT RETRIEVAL SYSTEM
- XXXX CONDUIT SCHEDULE TAG
- XX–X EQUIPMENT & LIGHTING TAG
- NEW SURFACE MOUNTED JUNCTION BOX

– GENERAL NOTES –

1. ALL SERVICE PEDESTALS FROM NDOT AS-BUILT DRAWINGS ARE SHOWN ON THE PLAN SHEETS FOR REFERENCE. PEDESTAL SCHEDULE AND ASSOCIATED ONE-LINE DIAGRAMS ARE PROVIDED FOR SERVICE PEDESTALS WITH WORK IN THIS PACKAGE.
2. INTERCEPT/EXTEND, AND RE PULL BRANCH CIRCUITS AS NECESSARY FOR ALL RELOCATED SERVICE PEDESTALS. RELOCATED SERVICE PEDESTALS WILL BE CALLED OUT WITH A KEYED NOTE AT BOTH THE NEW AND EXISTING LOCATIONS. COORDINATE NEW LOCATION WITH FIELD CONDITIONS & NDOT.
3. COORDINATE WITH ITS FOR DEMOLITION OF EXISTING ITS CONTROL CABINETS. WHERE FEEDS ARE NOT CALLED OUT FOR REUSE, COORDINATE THE REMOVAL OF UNUSED CONDUCTORS. SAFE OFF OR REMOVE BACK TO SOURCE IF NECESSARY, AND LABEL IN SERVICE PEDESTAL AS SPARE.
4. ALL NEW INFRASTRUCTURE SHALL BE INSTALLED WITHIN RIGHT-OF-WAY OR EASEMENTS. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLATION.
5. NOTIFY "811" (CALL BEFORE YOU DIG) AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION TO LOCATE ALL EXISTING UNDERGROUND UTILITIES. NOTIFY NV ENERGY (CALL BEFORE YOU OVERHEAD) AT 1-702-227-2929 AT LEAST 2 WORKING DAYS PRIOR TO ANY WORK WITHIN NV ENERGY SPECIFIED VICINITY OF EXISTING OVERHEAD UTILITIES.
6. THESE PLANS SHOW THE GENERAL PATH AND LOCATION OF CONDUIT AND EQUIPMENT IN RELATION TO MAJOR PHYSICAL FEATURES AND APPROXIMATE DISTANCES, STATIONING, AND OFFSET LEFT OR RIGHT OF CENTERLINE. THE CONTRACTOR SHALL NOT RELY SOLELY ON DISTANCE, STATION, AND OFFSET DATA PROVIDED. CONTRACTOR SHALL REVIEW ALL PLAN SHEETS TO CONFIRM DISTANCES, STATION, AND OFFSET IS CONSISTENT WITH PLANS AND NOT IN CONFLICT WITH OTHER IMPROVEMENTS OR EXISTING OBJECTS. THE LOCATION OF UTILITY POLES, SIGNS, VEGETATION, AND OTHER STATIONARY OBJECTS ALONG THE CONDUIT PATH OR EQUIPMENT LOCATION MAY NOT BE SHOWN, BUT SHALL BE IDENTIFIED BY THE CONTRACTOR AS THE CONDUIT IS MARKED PRIOR TO TRENCHING.
7. CONTRACTOR SHALL PROTECT ALL EXISTING INFRASTRUCTURE AREAS NOT SPECIFIED FOR REMOVAL AND SHALL BE RESPONSIBLE TO REPLACE OR REPAIR ANY DAMAGED INFRASTRUCTURE AREAS IN A TIMELY MANNER. THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING DRAINAGE SYSTEMS, PLANTINGS, MATERIALS, AESTHETIC FEATURES, LANDSCAPING, AND IRRIGATION SYSTEMS, AND REPLACE OR RECONSTRUCT ANY DRAINAGE SYSTEMS, PLANTS, MATERIALS, AESTHETIC FEATURES, LANDSCAPING, AND IRRIGATION SYSTEMS DAMAGED DURING THE COURSE OF CONSTRUCTION PER THE NDOT STANDARD SPECIFICATIONS AND TECHNICAL PROVISION 5.3.2.
8. WHERE FEASIBLE, ITS AND LIGHTING CONDUITS (ENTIRE OR PARTIAL RUNS) MAY BE CO LOCATED IN COMMON TRENCHES AND DRILLS. PROPOSED CO LOCATION IS NOTED IN THE CONDUIT, CABLE, & CONDUCTOR SCHEDULE. FINAL INSTALLATION SHALL BE DETERMINED IN THE FIELD.
9. FOR ALL EMPTY SPARE CONDUITS FOR FUTURE WORK, PROVIDE AND INSTALL A MINIMUM 200LBS PULL STRING, AS WELL AS TRACER WIRE, IN ALL CONDUITS.
10. THE CONTRACTOR SHALL PLACE ALL CONDUIT IN A MANNER THAT MINIMIZES HORIZONTAL AND VERTICAL BENDING, NOT TO EXCEED 1 FOOT PER 10 FEET, IN ORDER TO MINIMIZE THE INDUCED STRESSES ON CABLES DURING CABLE INSTALLATION.
11. ALL SIGN LIGHTING SHALL BE MOUNTED ON A LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARD T-36.1.10.1. FOR SIGN LIGHTING ON TYPE 1 ATM GANTRY, REFER TO THE NEW DETAIL SHOWING THE LUMINAIRE RETRIEVAL SYSTEM ON THE GANTRY IN CW34.
12. FOR ALL LUMINAIRES REMOVED, REMOVE THE CONDUIT AND CONDUCTORS BACK TO THE SOURCE. CONDUIT AND CONDUCTORS SHALL BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS.
13. FOR ALL SIGN LIGHTS WHICH UTILIZE A DISCONNECT SWITCH, THE CONTRACTOR SHALL PROVIDE AND INSTALL 3#10, #10G IN 1" RIGID CONDUIT TO THE SIGN LIGHTS. CONDUIT SEGMENT AND TAGS ARE NOT SHOWN FOR CLARITY.
14. PROVIDE AND INSTALL LUG KITS IN ORDER TO TERMINATE OVERSIZED CONDUCTORS AT THE BRANCH CIRCUIT BREAKERS. PROVIDE ONLY FOR OVERSIZED CONDUCTORS.
15. FOR ALL LUMINAIRES DEVICES BEING REPLACED WITH NEW, RETURN THE EXISTING DEVICE BACK TO THE APPROPRIATE OWNER, NDOT/CLV.
16. REFER TO CONDUIT SCHEDULE STARTING ON SHEET LT41.
17. CO LOCATE ALL NEW UNDERGROUND CONDUIT RUNS IN COMMON TRENCH BETWEEN PULL BOXES WHEREVER FEASIBLE.
18. EXPOSED CONDUITS SHALL BE PAINTED TO MATCH EXISTING STRUCTURE TO WHICH THEY ARE ATTACHED.

– LUMINAIRE REPLACEMENT INFORMATION –

NDOT EXISTING SIGN LIGHT – 188W HPS

NEW NDOT SIGN LIGHT – 73W LED

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT00	12/20/2016

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

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LIGHTING PLAN LEGEND AND GENERAL NOTES

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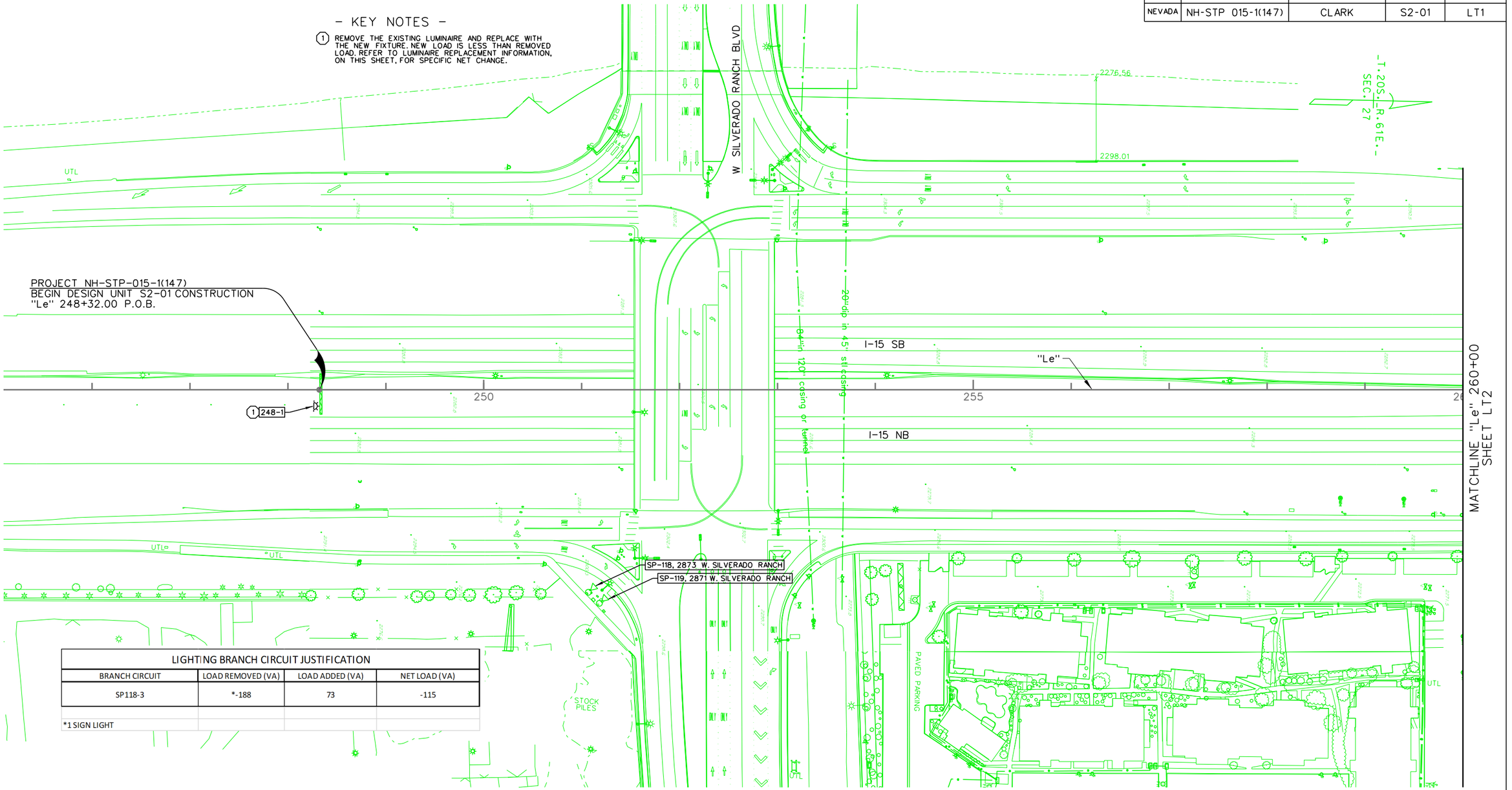
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT1

- KEY NOTES -

(1) REMOVE THE EXISTING LUMINAIRE AND REPLACE WITH THE NEW FIXTURE. NEW LOAD IS LESS THAN REMOVED LOAD. REFER TO LUMINAIRE REPLACEMENT INFORMATION, ON THIS SHEET, FOR SPECIFIC NET CHANGE.



LIGHTING BRANCH CIRCUIT JUSTIFICATION			
BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP118-3	*-188	73	-115
*1 SIGN LIGHT			

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT01	12/20/2016

DESIGN UNIT S2-01

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STATE OF NEVADA
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LIGHTING PLAN
"Le" 248+32 TO "Le" 260+00

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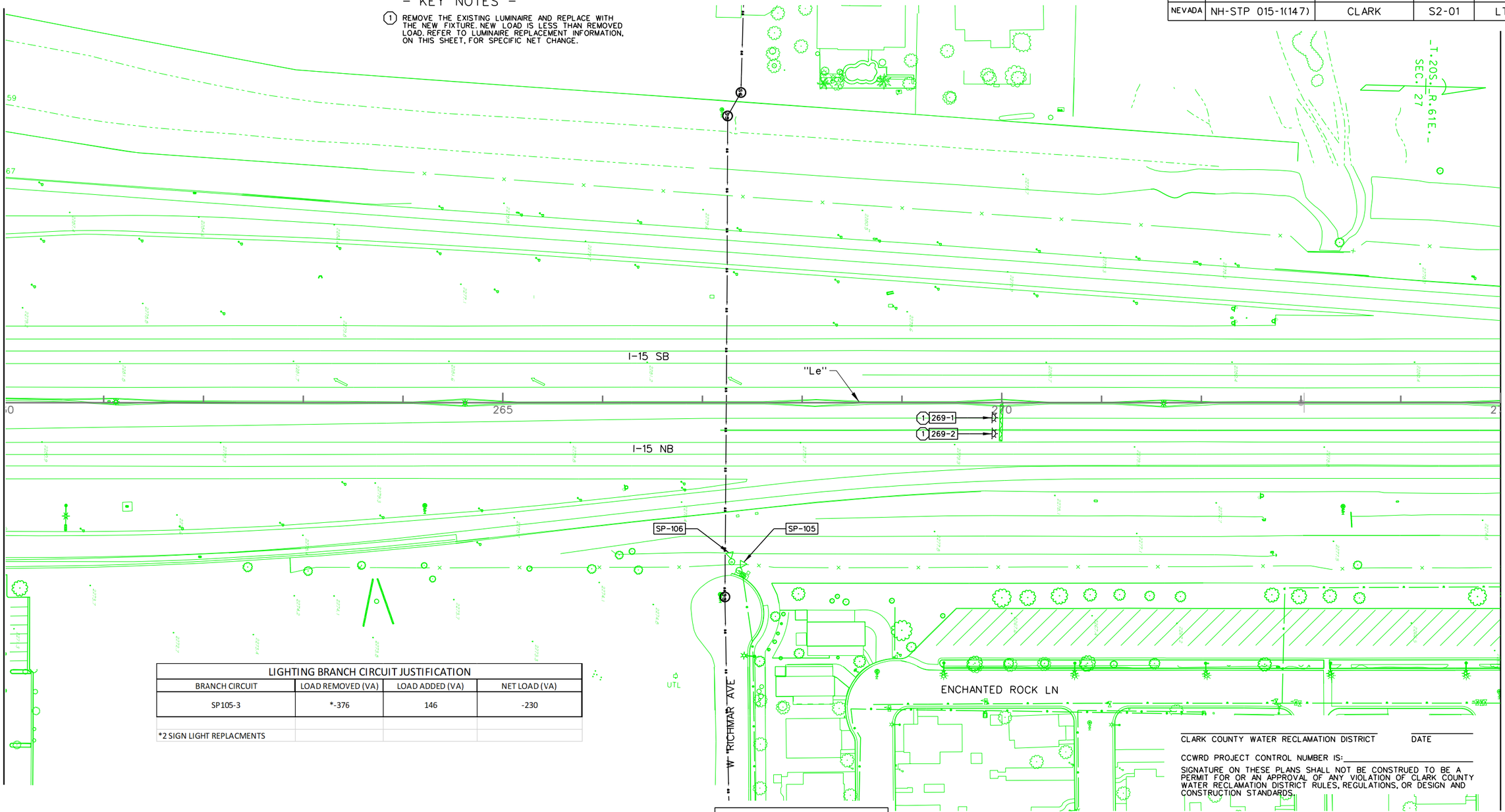
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT2

- KEY NOTES -

(1) REMOVE THE EXISTING LUMINAIRE AND REPLACE WITH THE NEW FIXTURE. NEW LOAD IS LESS THAN REMOVED LOAD. REFER TO LUMINAIRE REPLACEMENT INFORMATION, ON THIS SHEET, FOR SPECIFIC NET CHANGE.



LIGHTING BRANCH CIRCUIT JUSTIFICATION			
BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP105-3	*-376	146	-230
*2 SIGN LIGHT REPLACMENTS			

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT02	12/20/2016

DESIGN UNIT S2-01

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LIGHTING PLAN
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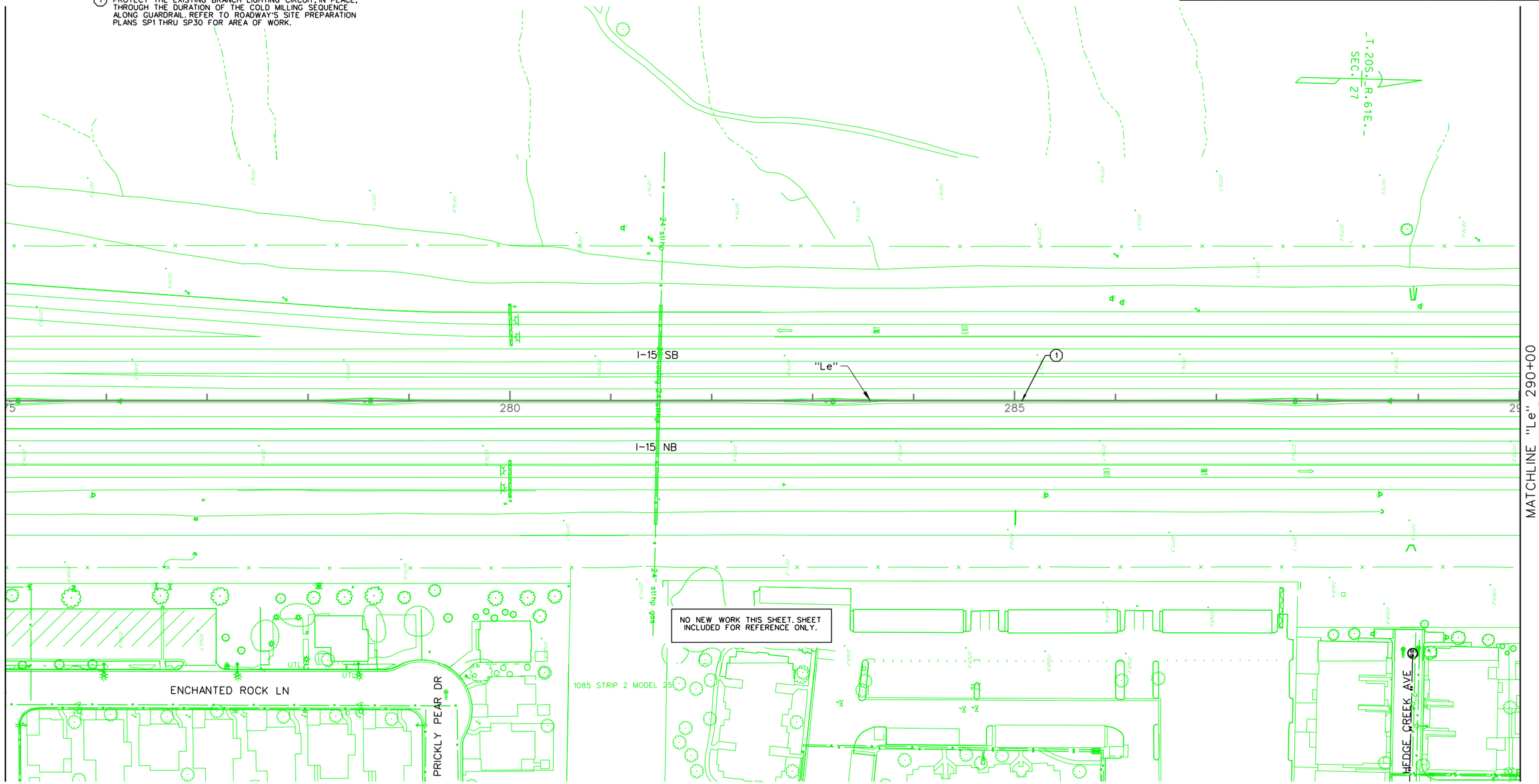
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT3

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT03	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
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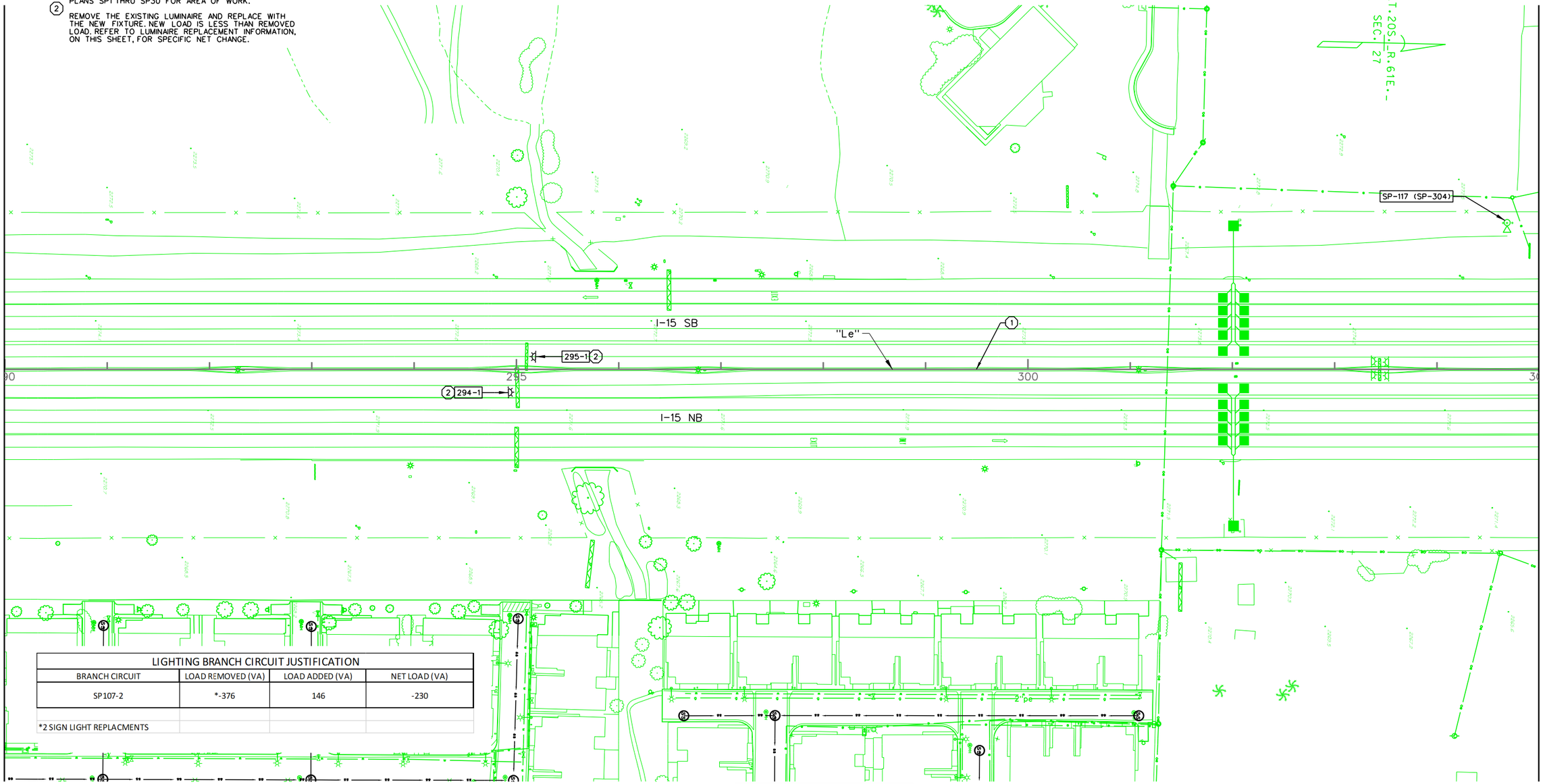
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT4

- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. REMOVE THE EXISTING LUMINAIRE AND REPLACE WITH THE NEW FIXTURE. NEW LOAD IS LESS THAN REMOVED LOAD. REFER TO LUMINAIRE REPLACEMENT INFORMATION, ON THIS SHEET, FOR SPECIFIC NET CHANGE.



LIGHTING BRANCH CIRCUIT JUSTIFICATION			
BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP107-2	*-376	146	-230
*2 SIGN LIGHT REPLACMENTS			

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT04	12/20/2016

DESIGN UNIT S2-01

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
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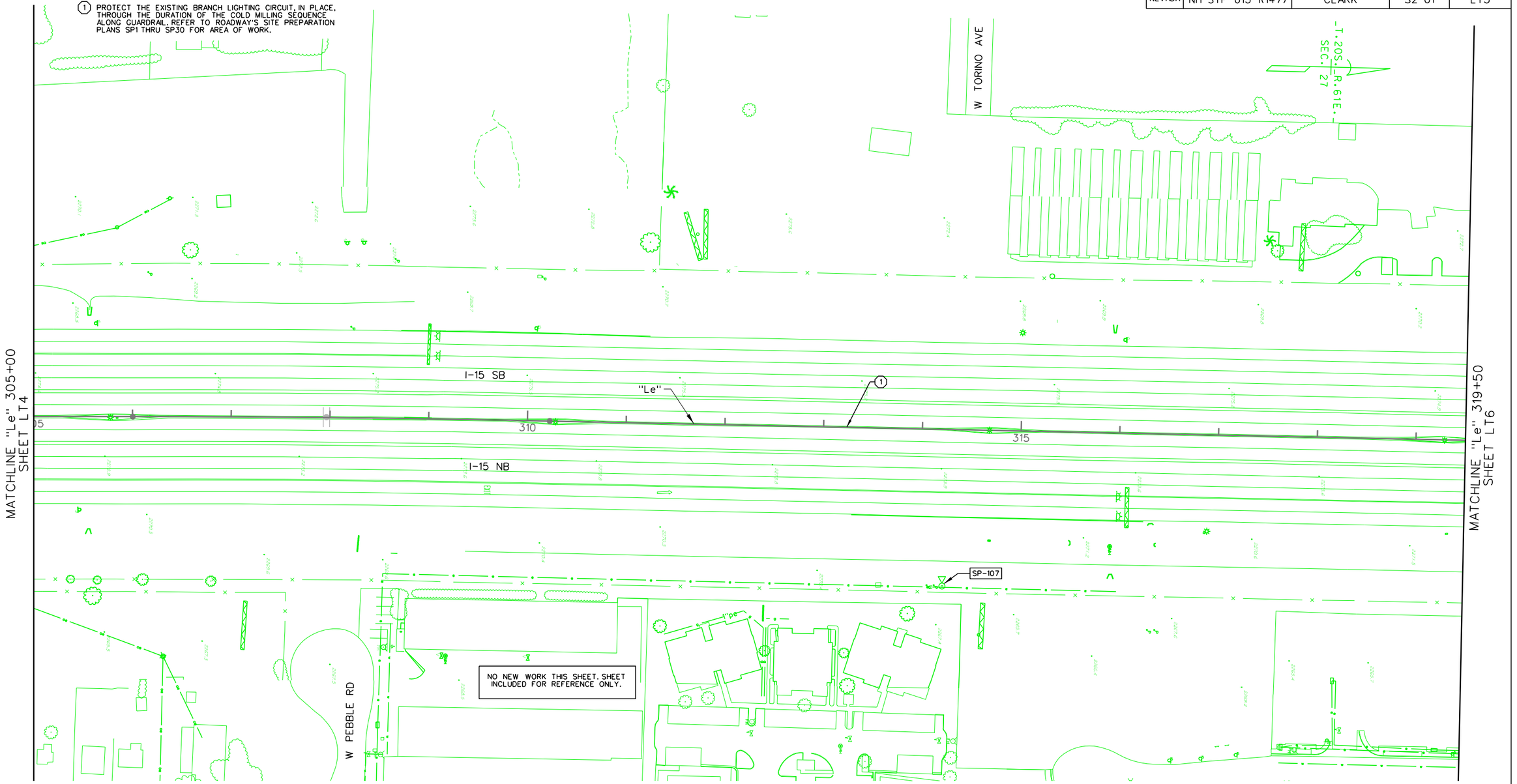
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT5

- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT05	12/20/2016

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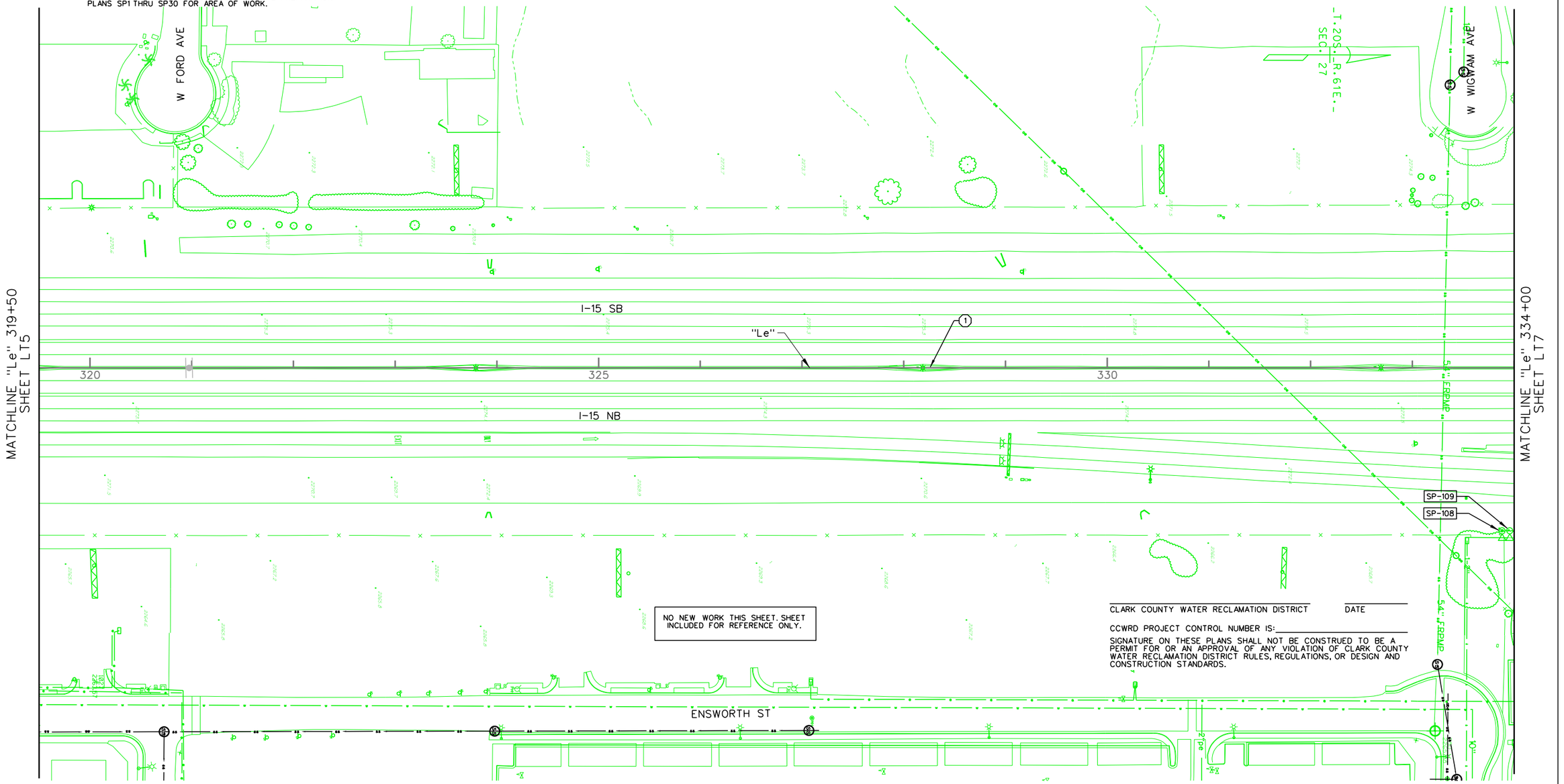
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT6

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT006	12/20/2016

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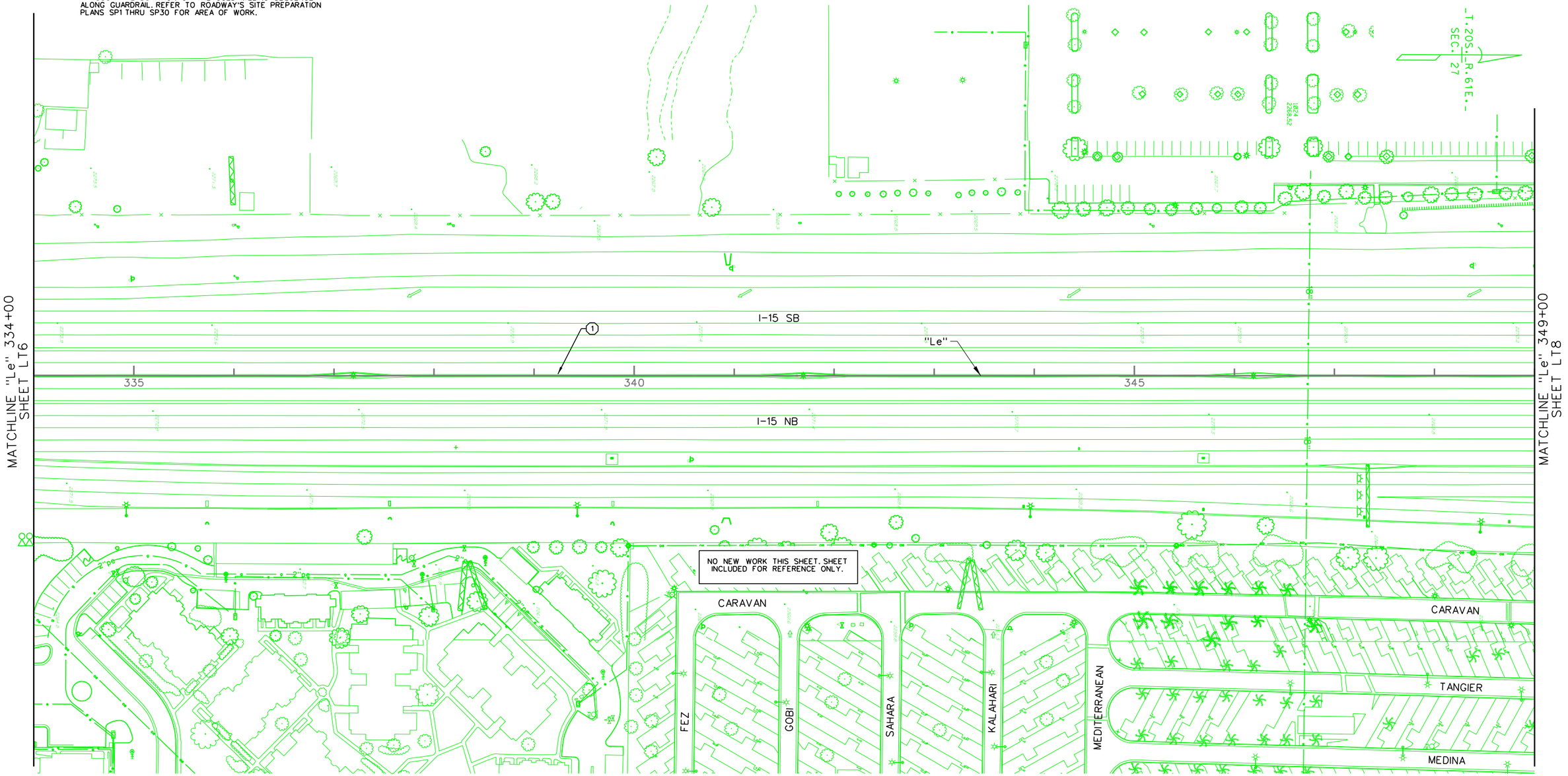
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT7

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT07	12/20/2016

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DEPARTMENT OF TRANSPORTATION

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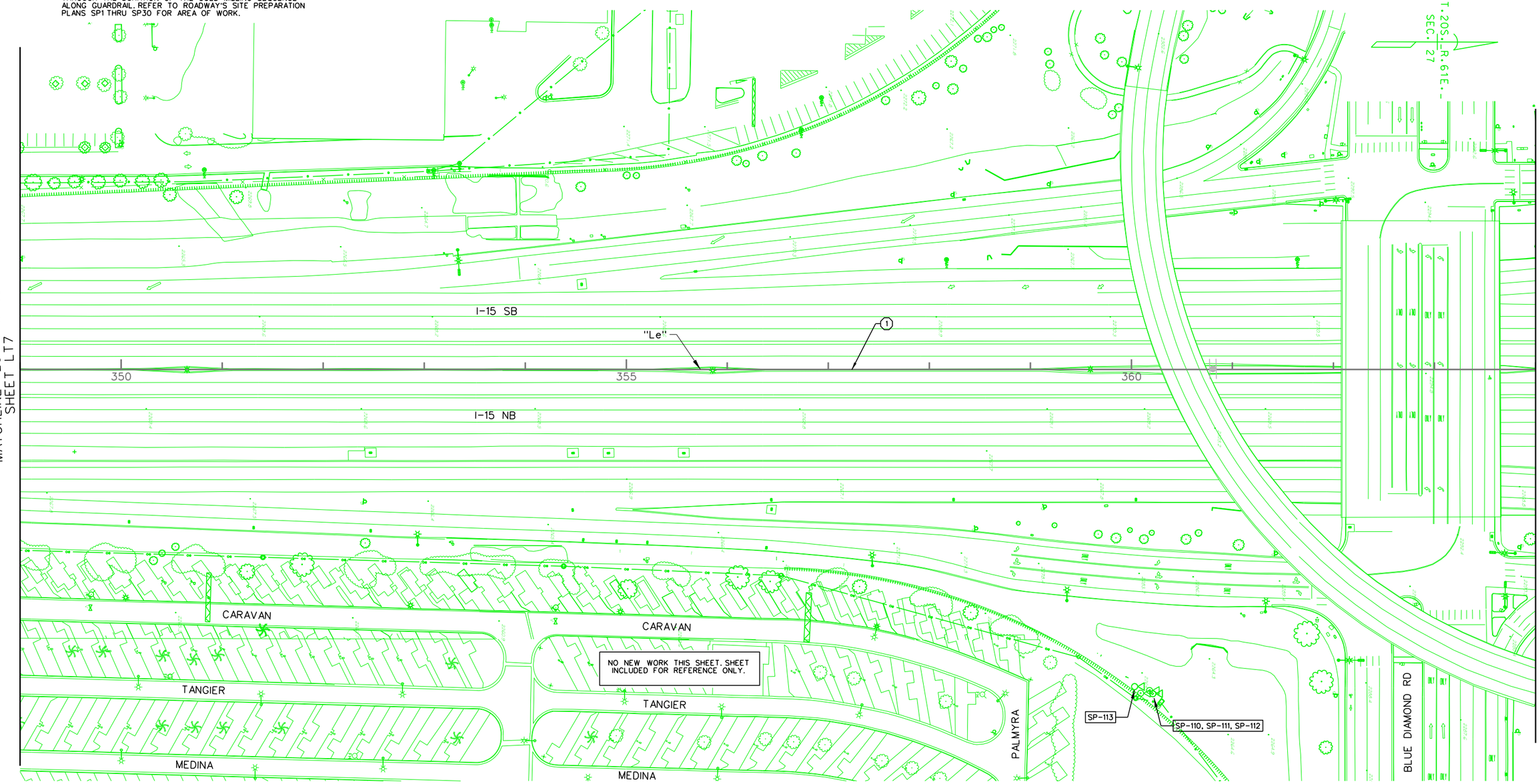
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT8

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT08	12/20/2016

DESIGN UNIT S2-01

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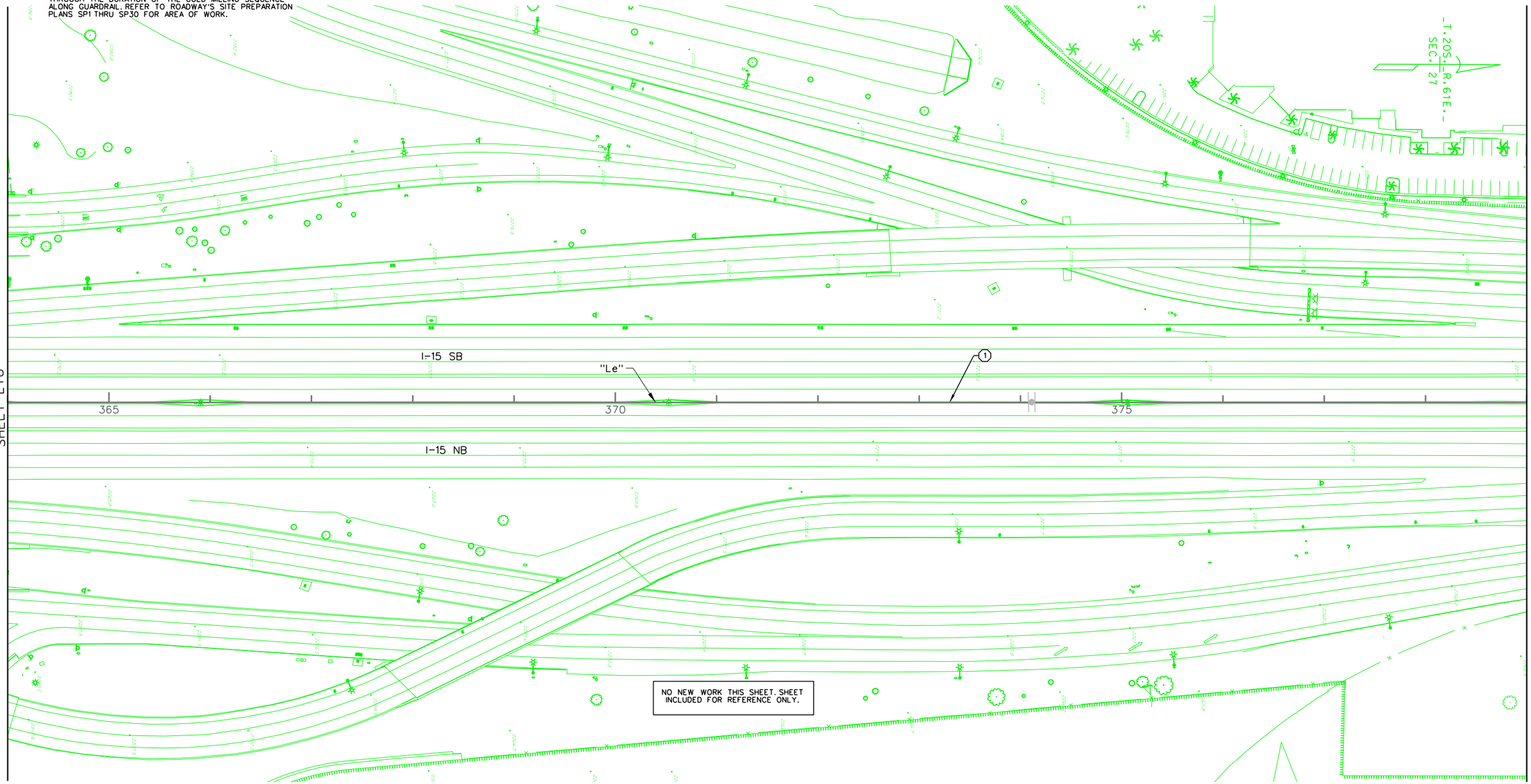
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT9

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



MATCHLINE "Le" 364+00
SHEET LT8

MATCHLINE "Le" 379+00
SHEET LT10

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
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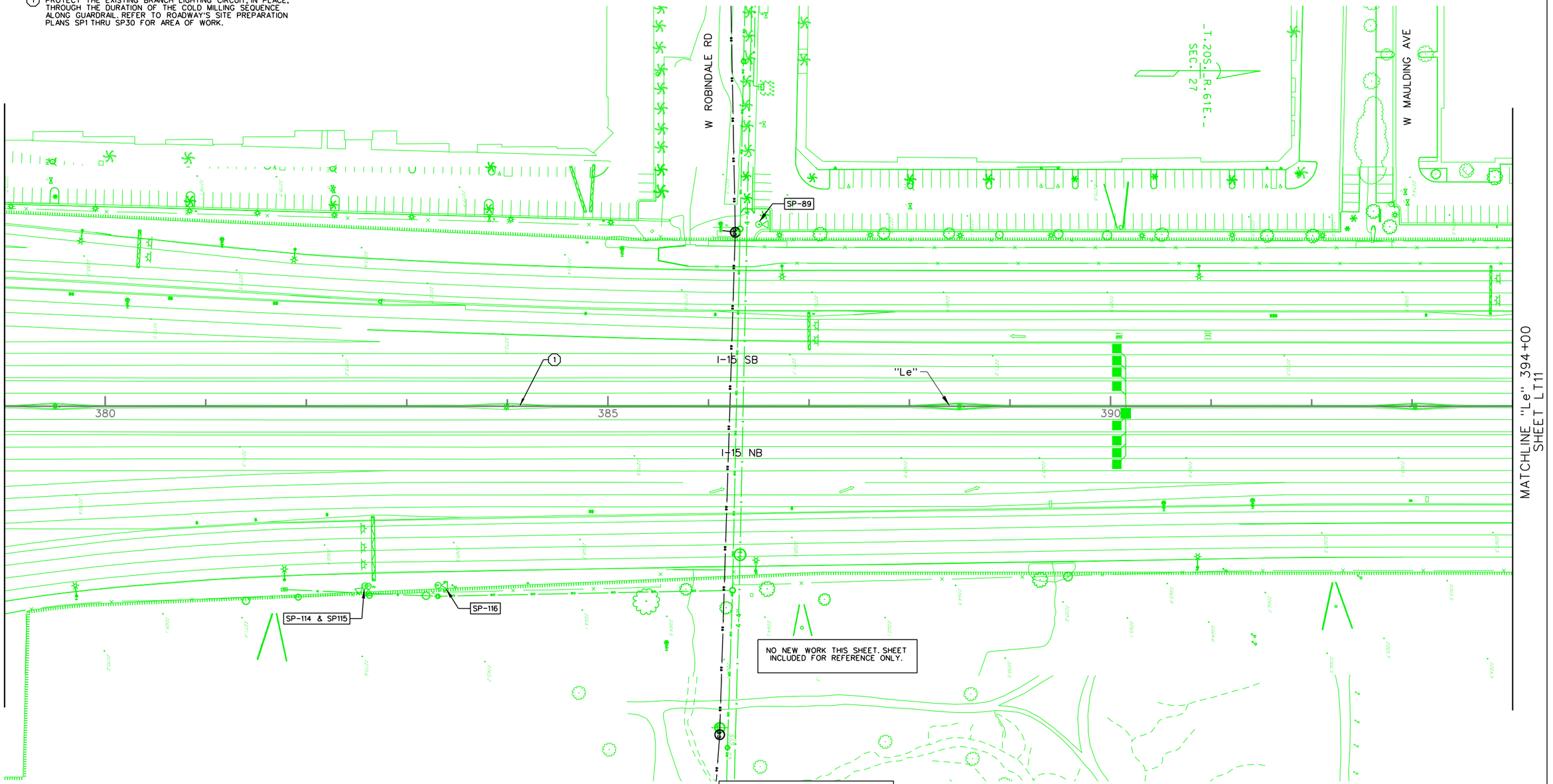
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT10

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT10	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 379+00 TO "Le" 394+00

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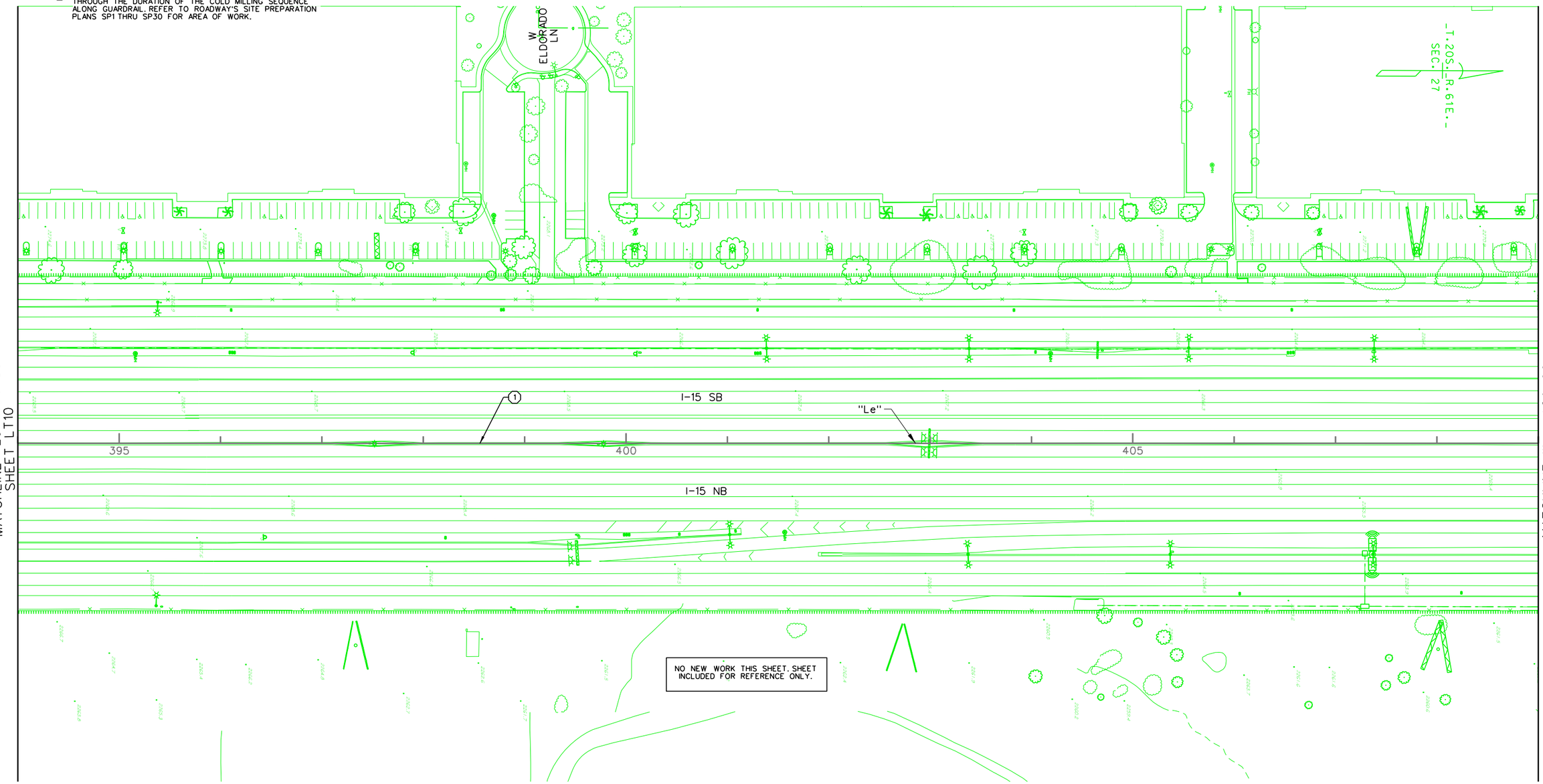
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT11

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



MATCHLINE "Le" 394+00
SHEET LT10

MATCHLINE "Le" 409+00
SHEET LT12

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT11	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 394+00 TO "Le" 409+00

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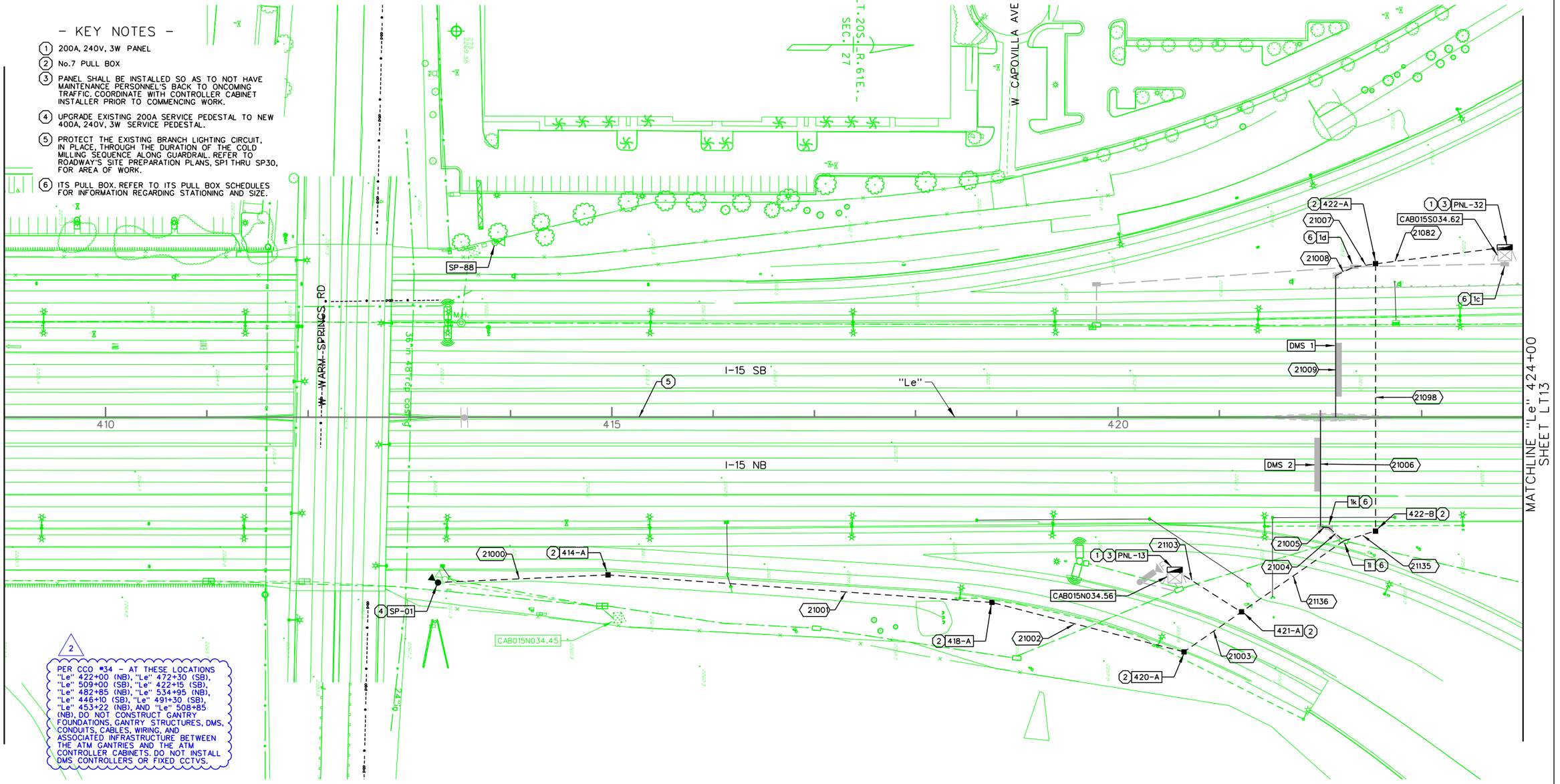
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT12

- KEY NOTES -

1. 200A, 240V, 3W PANEL
2. No.7 PULL BOX
3. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
4. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W SERVICE PEDESTAL.
5. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS, SP1 THRU SP30, FOR AREA OF WORK.
6. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULES FOR INFORMATION REGARDING STATIONING AND SIZE.



2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT12	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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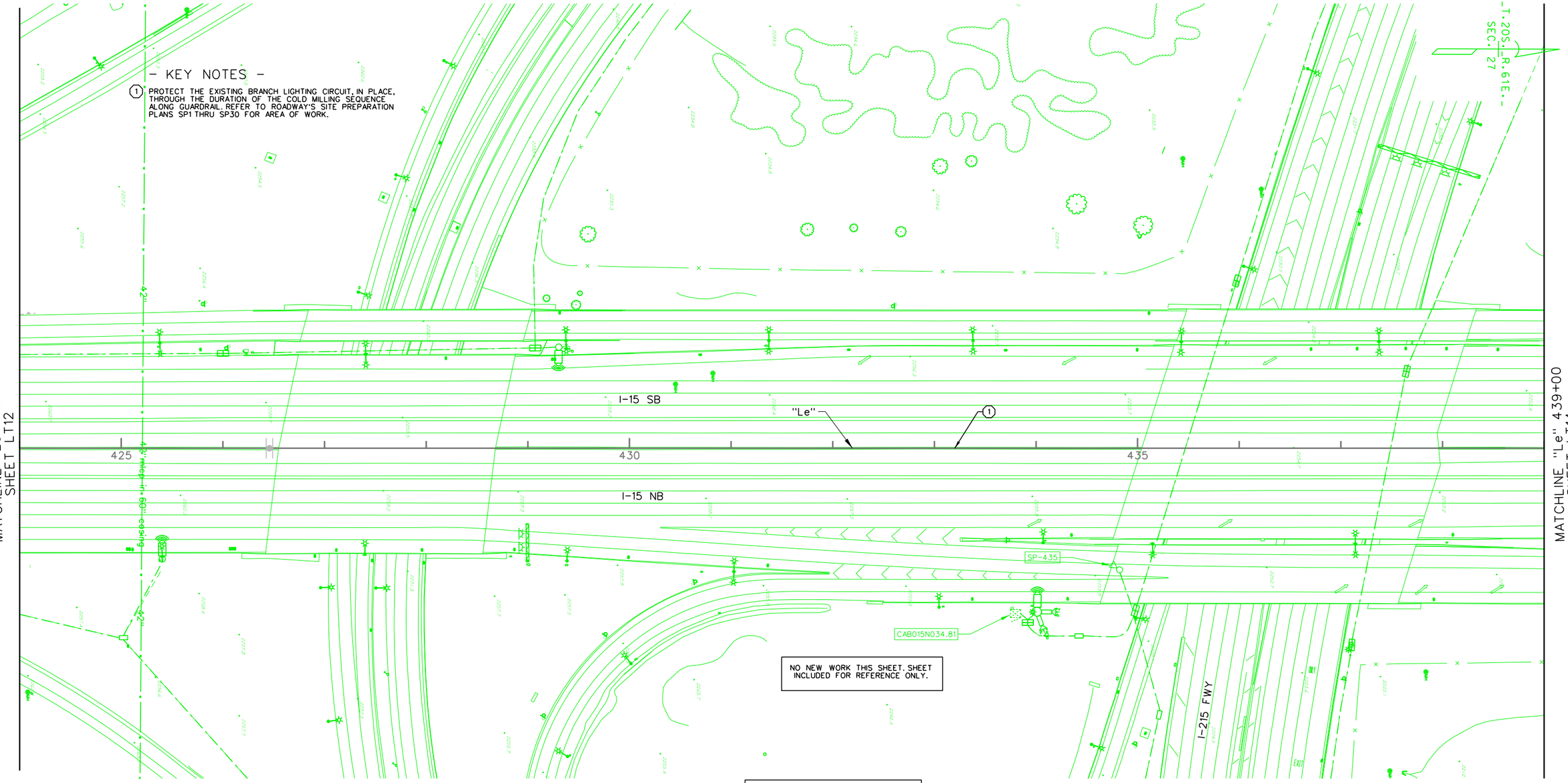
LIGHTING PLAN
"Le" 409+00 TO "Le" 424+00

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REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT13



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT13	12/20/2016

DESIGN UNIT S2-01

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LIGHTING PLAN
"Le" 424+00 TO "Le" 439+00

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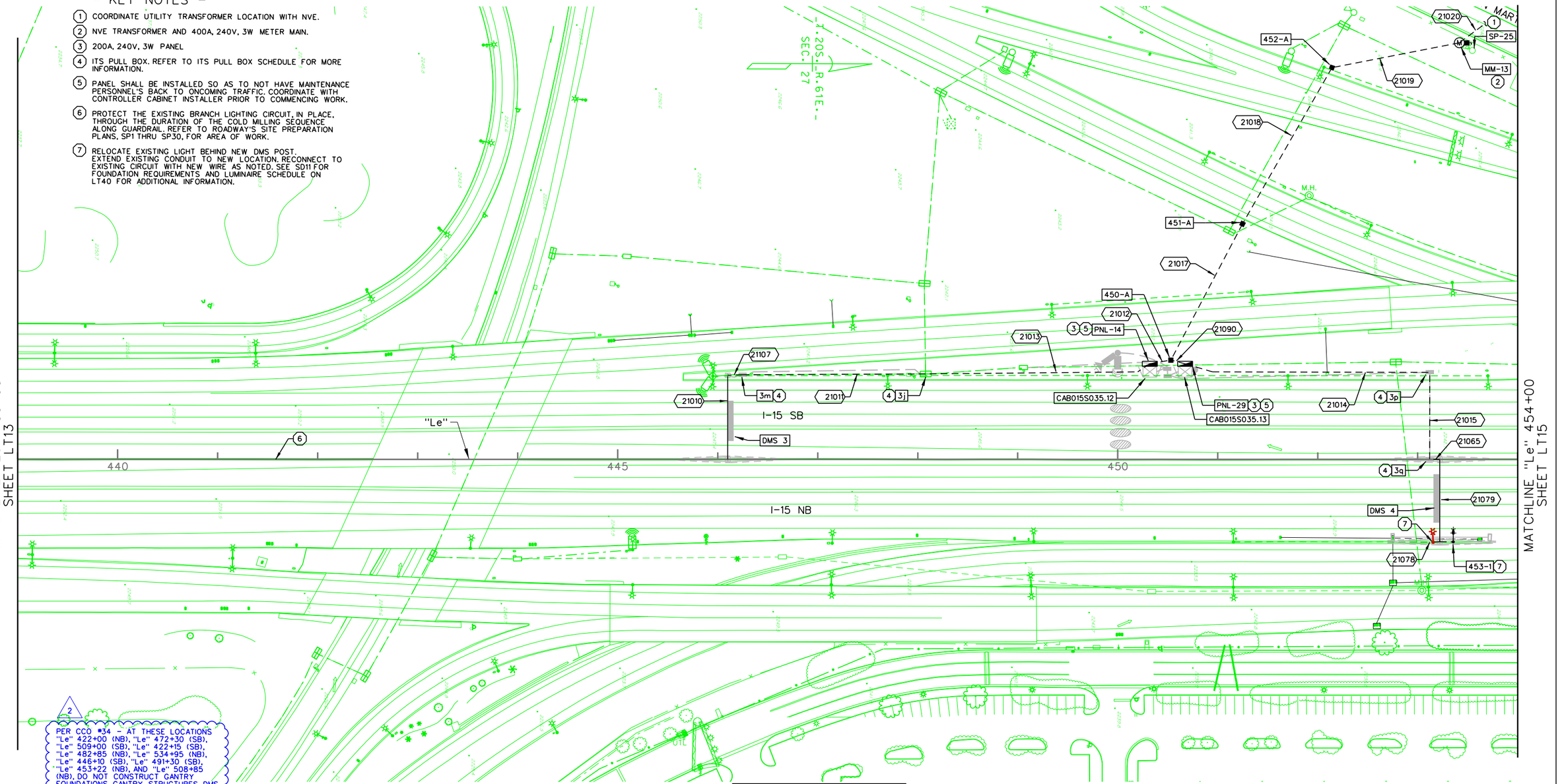
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT14

– KEY NOTES –

1. COORDINATE UTILITY TRANSFORMER LOCATION WITH NVE.
2. NVE TRANSFORMER AND 400A, 240V, 3W METER MAIN.
3. 200A, 240V, 3W PANEL
4. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.
5. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
6. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS, SP1 THRU SP30, FOR AREA OF WORK.
7. RELOCATE EXISTING LIGHT BEHIND NEW DMS POST. EXTEND EXISTING CONDUIT TO NEW LOCATION. RECONNECT TO EXISTING CIRCUIT WITH NEW WIRE AS NOTED. SEE SD11 FOR FOUNDATION REQUIREMENTS AND LUMINAIRE SCHEDULE ON LT40 FOR ADDITIONAL INFORMATION.



NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT14	12/20/2016

DESIGN UNIT S2-01

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 439+00 TO "Le" 454+00

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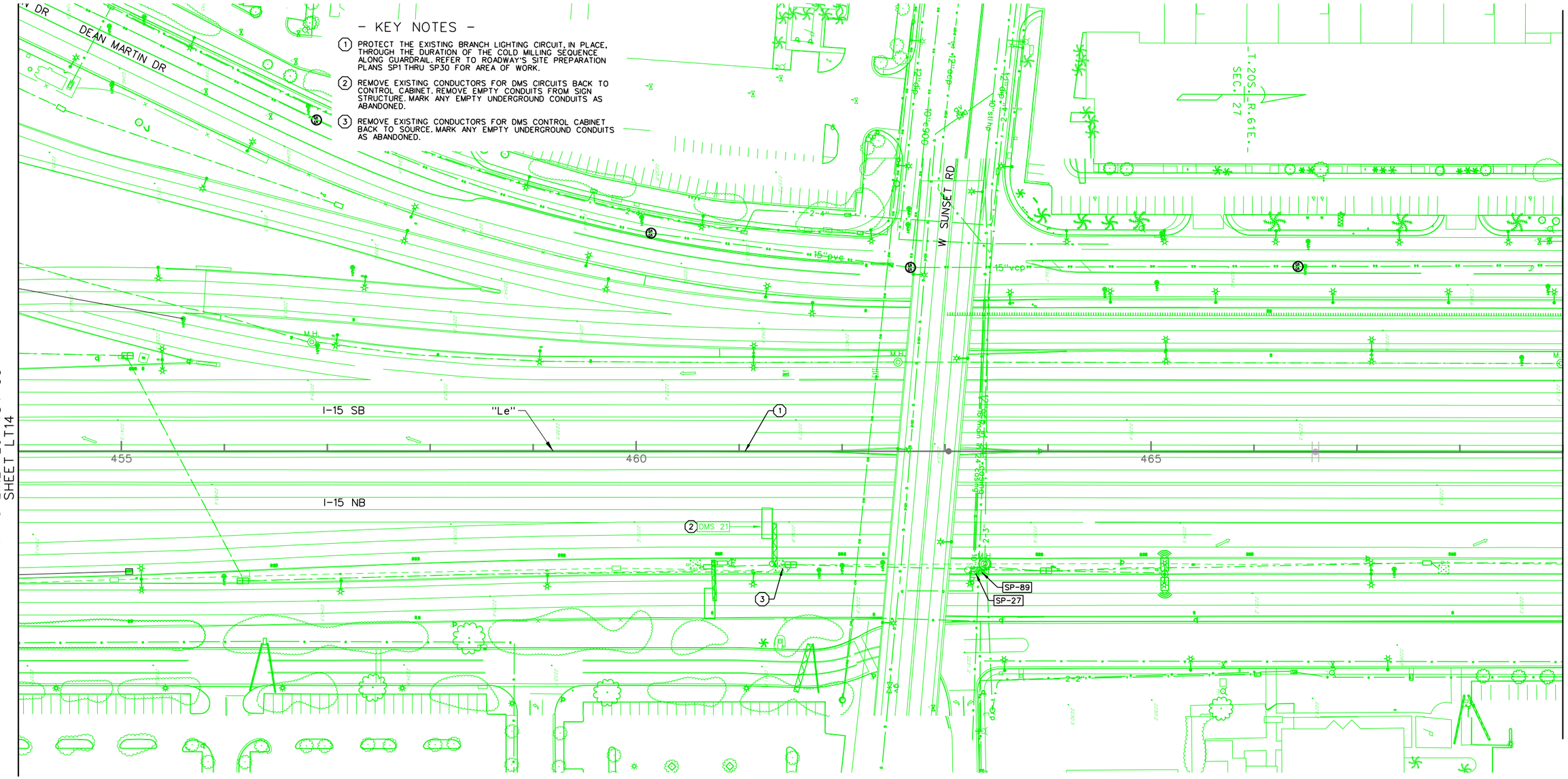
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT15

- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. REMOVE EXISTING CONDUCTORS FOR DMS CIRCUITS BACK TO CONTROL CABINET. REMOVE EMPTY CONDUITS FROM SIGN STRUCTURE. MARK ANY EMPTY UNDERGROUND CONDUITS AS ABANDONED.
3. REMOVE EXISTING CONDUCTORS FOR DMS CONTROL CABINET BACK TO SOURCE. MARK ANY EMPTY UNDERGROUND CONDUITS AS ABANDONED.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT15	12/20/2016

DESIGN UNIT S2-01

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 454+00 TO "Le" 469+00

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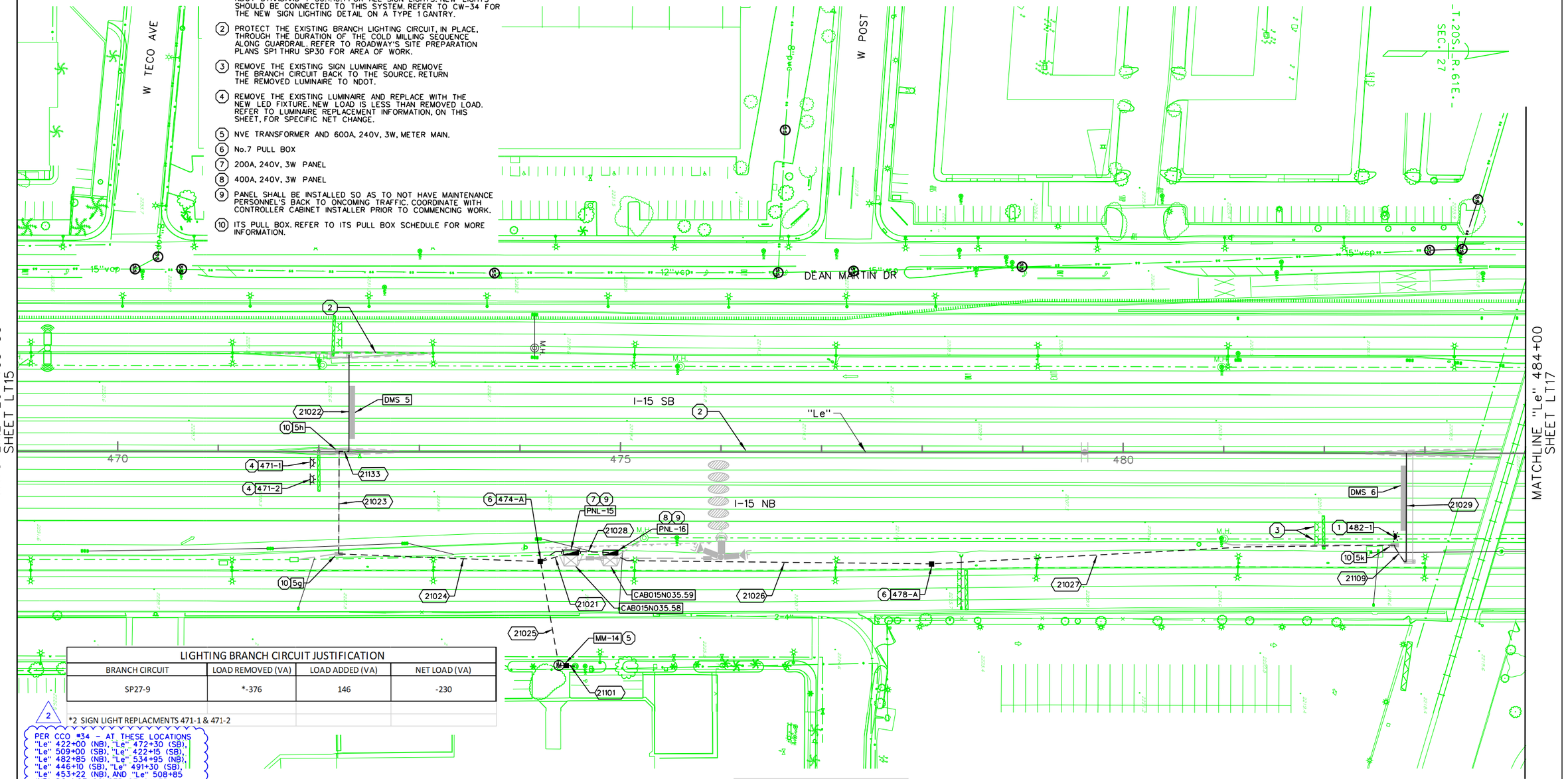
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT16

- KEY NOTES -

1. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARD T-36.1.10.1 FOR ALL SIGN LIGHTS. NEW LIGHTS SHOULD BE CONNECTED TO THIS SYSTEM. REFER TO CW-34 FOR THE NEW SIGN LIGHTING DETAIL ON A TYPE 1 GANTRY.
2. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
3. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO THE SOURCE. RETURN THE REMOVED LUMINAIRE TO NDOT.
4. REMOVE THE EXISTING LUMINAIRE AND REPLACE WITH THE NEW LED FIXTURE. NEW LOAD IS LESS THAN REMOVED LOAD. REFER TO LUMINAIRE REPLACEMENT INFORMATION, ON THIS SHEET, FOR SPECIFIC NET CHANGE.
5. NVE TRANSFORMER AND 600A, 240V, 3W, METER MAIN.
6. No.7 PULL BOX
7. 200A, 240V, 3W PANEL
8. 400A, 240V, 3W PANEL
9. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
10. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.



LIGHTING BRANCH CIRCUIT JUSTIFICATION

BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP27-9	*-376	146	-230

*2 SIGN LIGHT REPLACMENTS 471-1 & 471-2

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT16	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 469+00 TO "Le" 484+00

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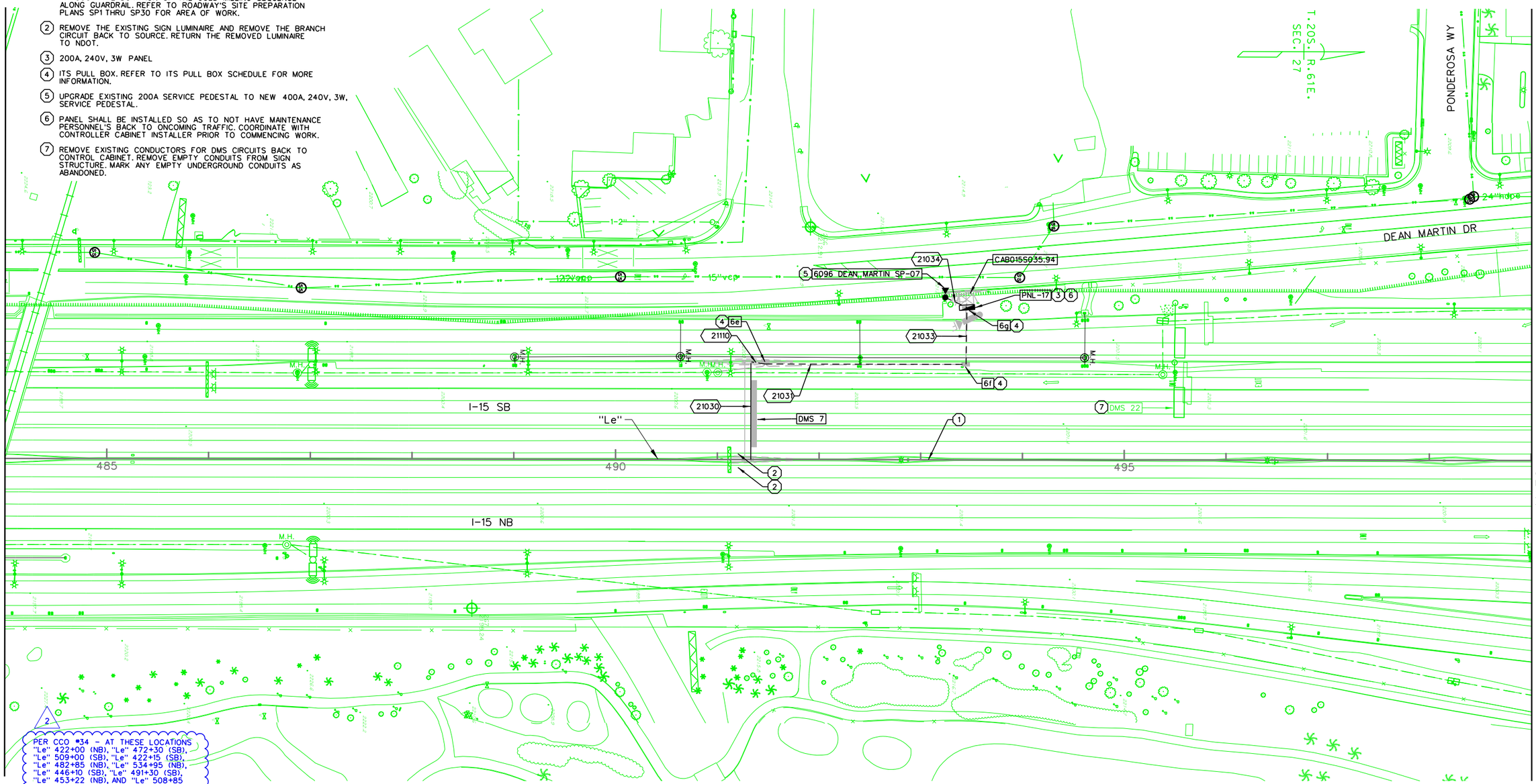
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT17

- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO SOURCE. RETURN THE REMOVED LUMINAIRE TO NDOT.
3. 200A, 240V, 3W PANEL
4. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.
5. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W, SERVICE PEDESTAL.
6. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
7. REMOVE EXISTING CONDUCTORS FOR DMS CIRCUITS BACK TO CONTROL CABINET. REMOVE EMPTY CONDUITS FROM SIGN STRUCTURE. MARK ANY EMPTY UNDERGROUND CONDUITS AS ABANDONED.



2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT17	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 484+00 TO "Le" 499+00

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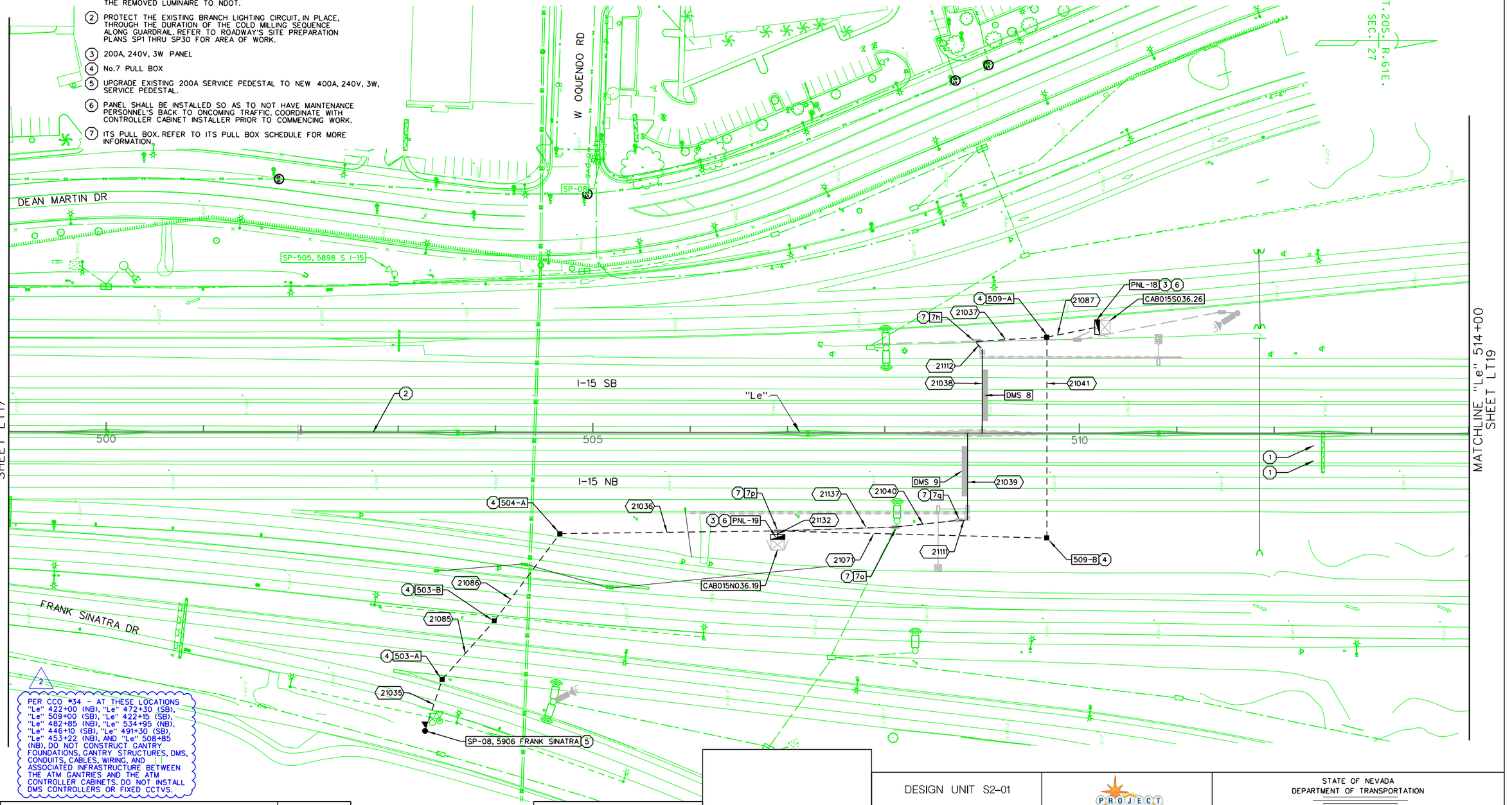
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT18

- KEY NOTES -

1. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO THE SOURCE. RETURN THE REMOVED LUMINAIRE TO NDOT.
2. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
3. 200A, 240V, 3W PANEL
4. No.7 PULL BOX
5. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W, SERVICE PEDESTAL.
6. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
7. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.



2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT18	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 499+00 TO "Le" 514+00

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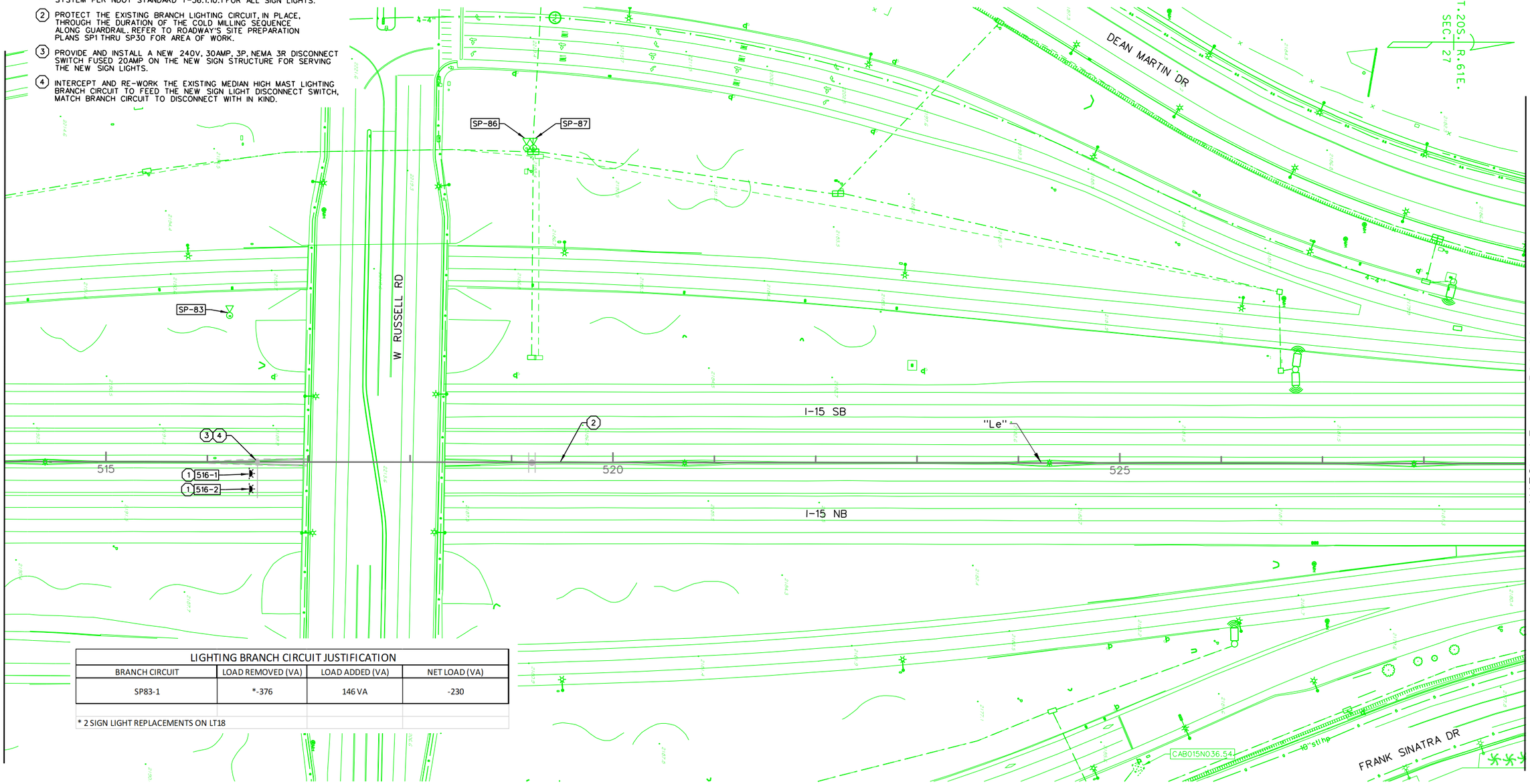
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT19

- KEY NOTES -

1. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARD T-36.1.10.1 FOR ALL SIGN LIGHTS.
2. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
3. PROVIDE AND INSTALL A NEW 240V, 30AMP, 3P, NEMA 3R DISCONNECT SWITCH FUSED 20AMP ON THE NEW SIGN STRUCTURE FOR SERVING THE NEW SIGN LIGHTS.
4. INTERCEPT AND RE-WORK THE EXISTING MEDIAN HIGH MAST LIGHTING BRANCH CIRCUIT TO FEED THE NEW SIGN LIGHT DISCONNECT SWITCH, MATCH BRANCH CIRCUIT TO DISCONNECT WITH IN KIND.



LIGHTING BRANCH CIRCUIT JUSTIFICATION			
BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP83-1	*-376	146 VA	-230
* 2 SIGN LIGHT REPLACEMENTS ON LT18			

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT19	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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PROJECT NEON Las Vegas
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 514+00 TO "Le" 529+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT20

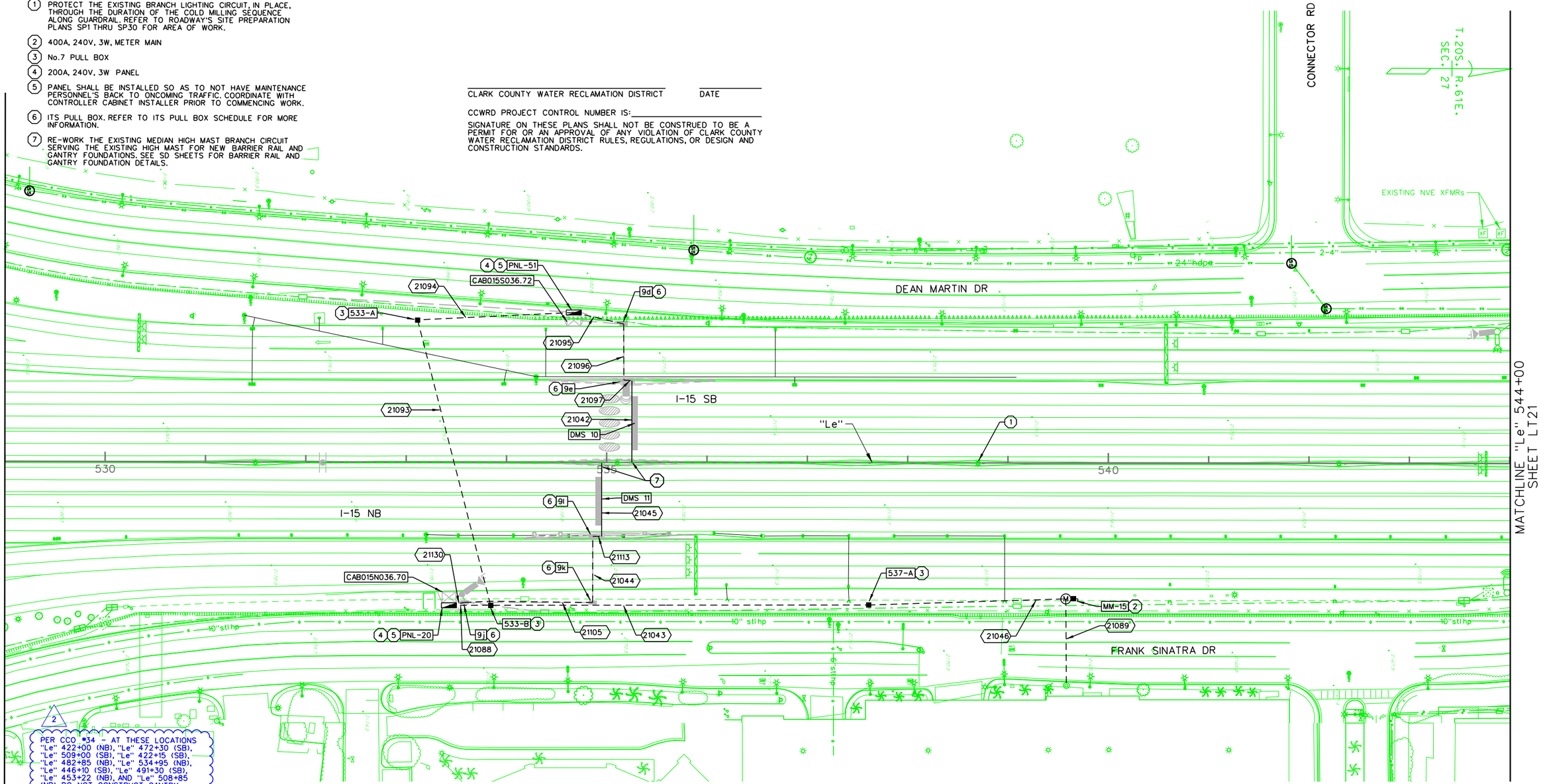
- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. 400A, 240V, 3W, METER MAIN
3. No.7 PULL BOX
4. 200A, 240V, 3W PANEL
5. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
6. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.
7. RE-WORK THE EXISTING MEDIAN HIGH MAST BRANCH CIRCUIT SERVING THE EXISTING HIGH MAST FOR NEW BARRIER RAIL AND GANTRY FOUNDATIONS. SEE SD SHEETS FOR BARRIER RAIL AND GANTRY FOUNDATION DETAILS.

CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.



2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT20	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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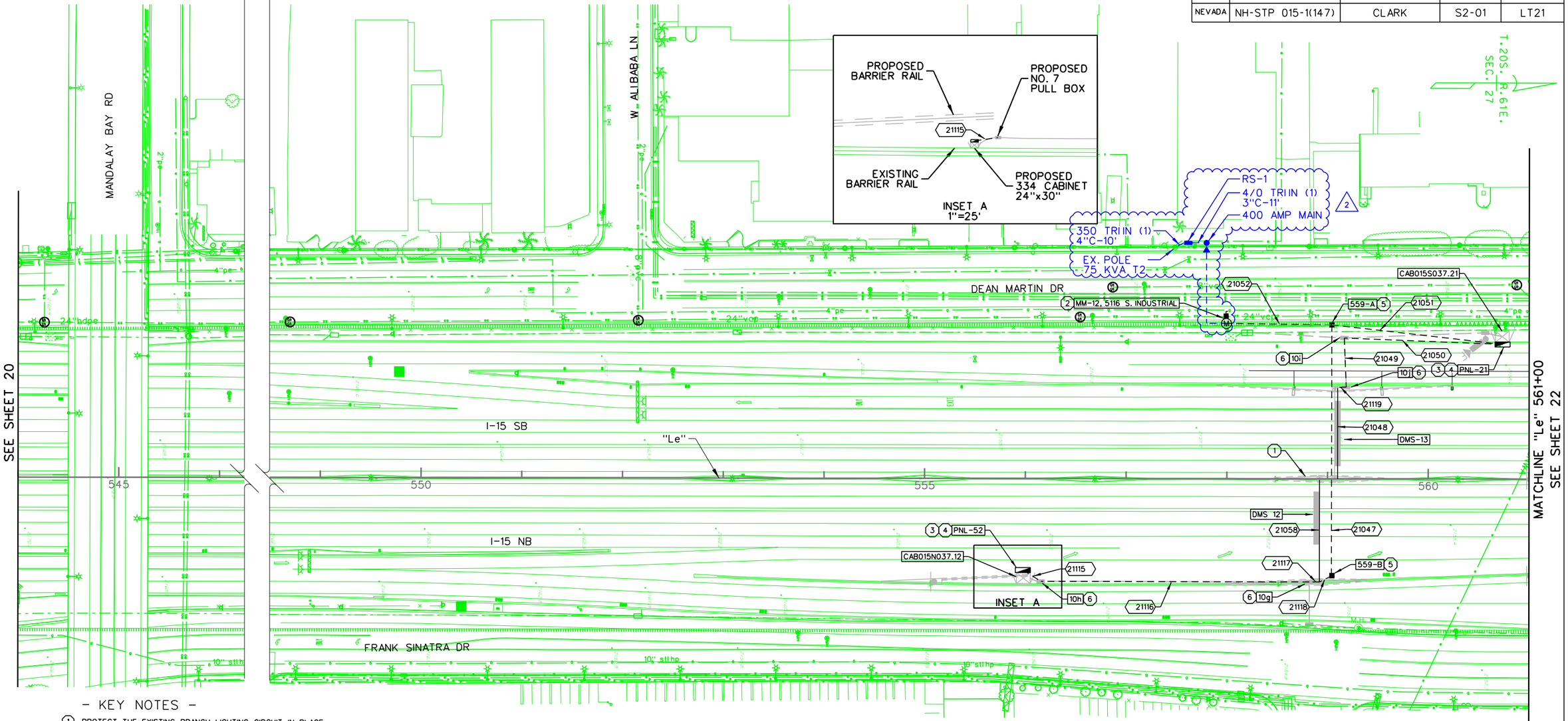
LIGHTING PLAN
"Le" 529+00 TO "Le" 544+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT21



– KEY NOTES –

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. DEMOLISH EXISTING ABANDONED SERVICE PEDESTAL AND RETURN TO NDOT. PROVIDE NEW 400A METER/MAIN.
3. 200A, 240V, 3W PANEL
4. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
5. No.7 PULL BOX
6. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO: DATE:

Southern Nevada Water Authority Date

DPR# 2016-0066A

SNWA approval is valid one (1) year from the signature date. If construction within the easement or restricted pipe safety zone is not complete, plans must be resubmitted to SNWA for approval.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - FIELD CHANGES	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT21	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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PROJECT NEON Las Vegas
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 544+00 TO "Le" 561+00

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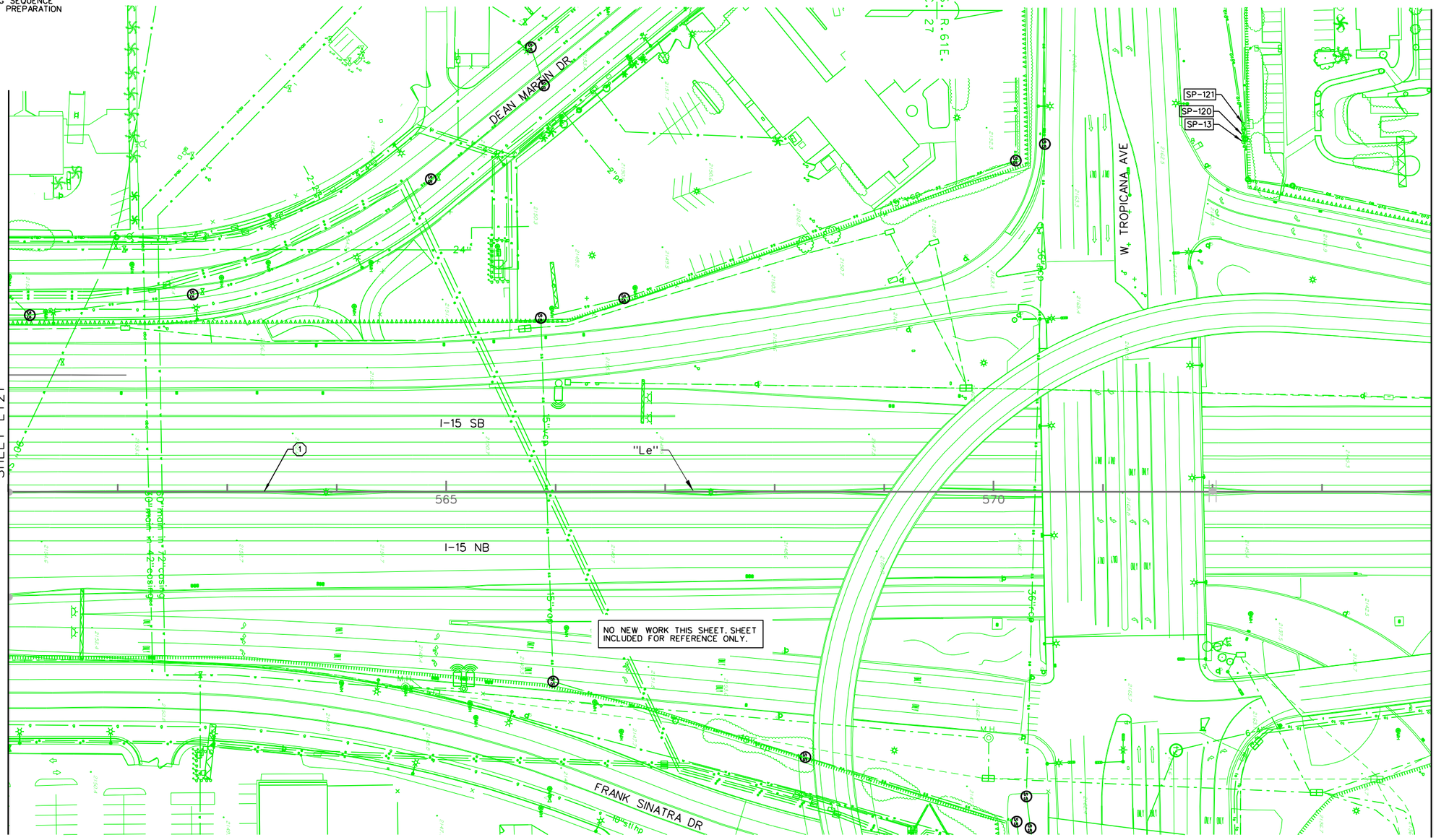
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT22

- KEY NOTES -

(1) PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT22	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 561+00 TO "Le" 574+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT23

- KEY NOTES -

1. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO THE SOURCE. RETURN THE REMOVED LUMINAIRE BACK TO NDOT.
2. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
3. REMOVE THE EXISTING LUMINAIRE AND REPLACE WITH THE NEW FIXTURE. NEW LOAD IS LESS THAN REMOVED LOAD. REFER TO LUMINAIRE REPLACEMENT INFORMATION, ON COVER SHEET, FOR SPECIFIC NET CHANGE.
4. NOT USED.
5. 200A, 240V, 3W PANEL
6. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
7. No.7 PULL BOX
8. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.

MATCHLINE "Le" 574+00
SHEET LT22

T.20S. R.61E. SEC. 27

DEAN MARTIN DR

SP-14, 4688 INDUSTRIAL RD

I-15 SB

I-15 NB

"Le"

575 580 585

PER RFI 1598 - INSTALL LIGHTS 585-1 AND 585-2 WITH NEW SIGN PLACED ON EXISTING STRUCTURE AT 587+75. CONNECT TO EXISTING SIGN LIGHTING CIRCUIT. AS SHOWN ON SIGN STRUCTURE DETAIL SHEET INSTALL LUMINAIRE RETRIEVAL SYSTEM.

MATCHLINE "Le" 589+00
SHEET LT24

LIGHTING BRANCH CIRCUIT JUSTIFICATION

BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP20-1	(-564 VA - 940 VA)* = -1504 VA	365 VA	-1139

* 3 SIGN LIGHTS REMOVED AT 188 VA
* 5 SIGN LIGHT REPLACEMENTS AT 188 VA

CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

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NO.	DESCRIPTION	DATE
2	AS-BUILTS - RFI 1598	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT23	12/20/2016

DESIGN UNIT S2-01

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LIGHTING PLAN
"Le" 574+00 TO "Le" 589+00

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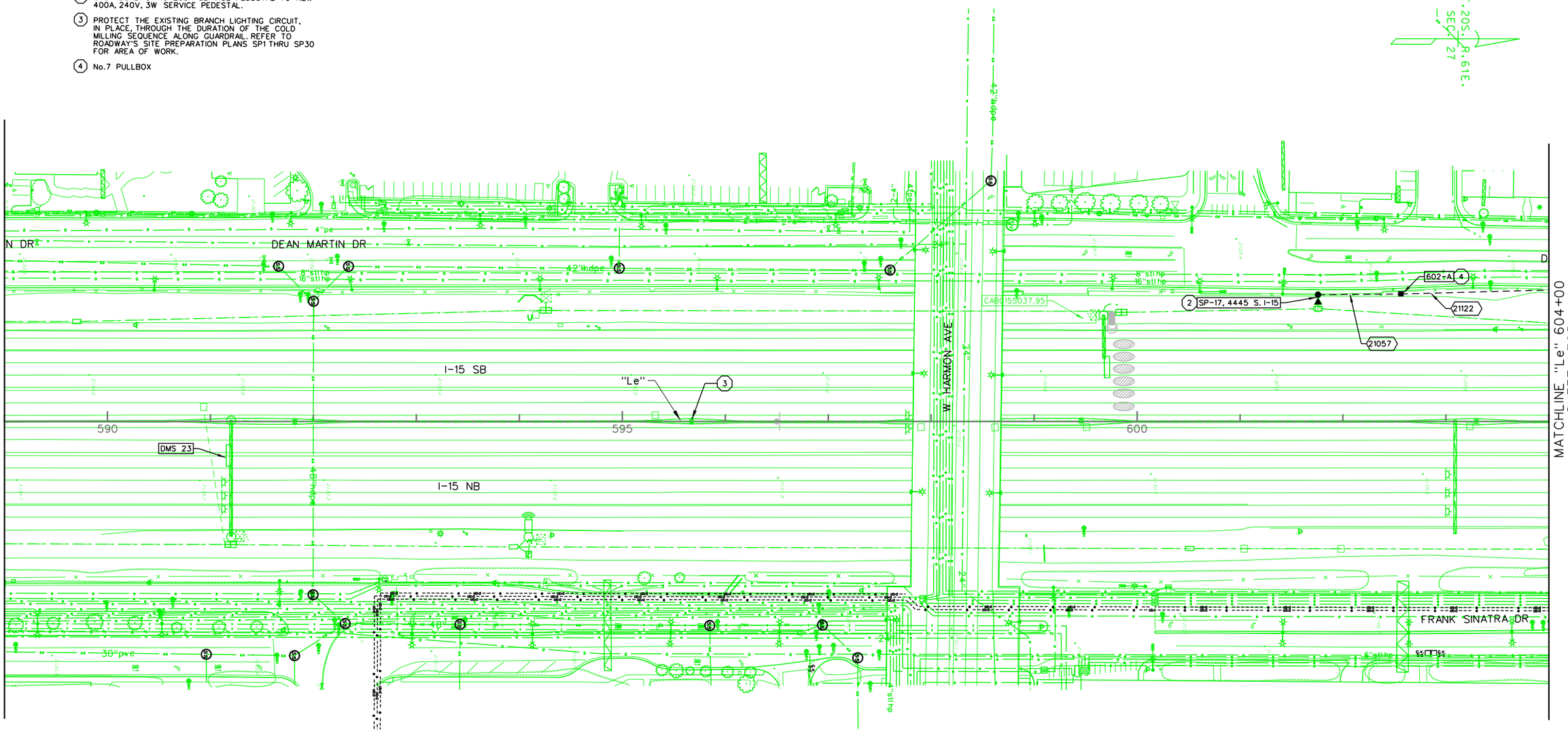
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT24

- KEY NOTES -

1. NOT USED.
2. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W SERVICE PEDESTAL.
3. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
4. No.7 PULLBOX



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT24	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 589+00 TO "Le" 604+00

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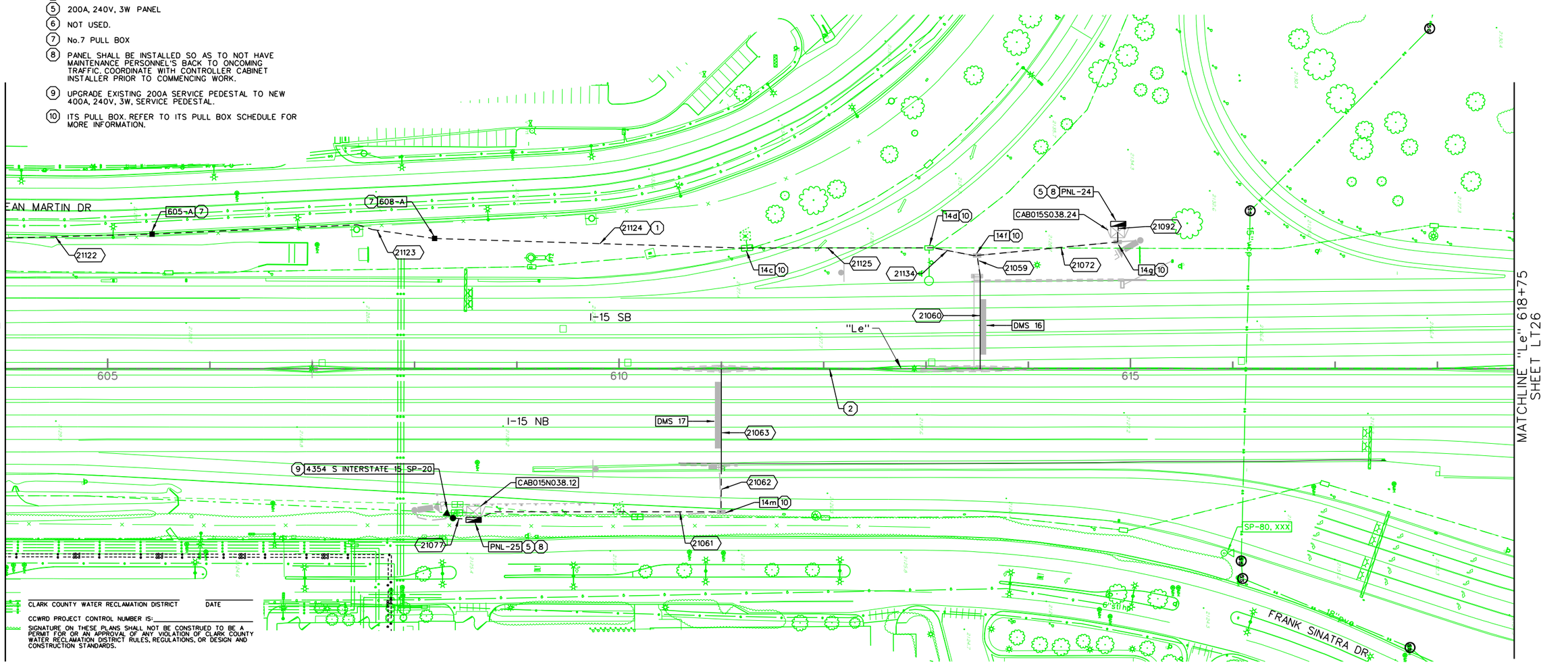
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT25

- KEY NOTES -

1. CONDUIT CROSSES EXISTING RCB. RCB ELEVATIONS UNKNOWN. CONTRACTOR SHALL IDENTIFY AND RECORD ON AS-BUILT DRAWINGS RCB ELEVATIONS PRIOR TO CONSTRUCTION.
2. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARD RAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
3. NOT USED.
4. NOT USED.
5. 200A, 240V, 3W PANEL
6. NOT USED.
7. No.7 PULL BOX
8. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
9. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W, SERVICE PEDESTAL.
10. ITS PULL BOX. REFER TO ITS PULL BOX SCHEDULE FOR MORE INFORMATION.

T.20S. R.61E. SEC. 27



CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

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NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT25	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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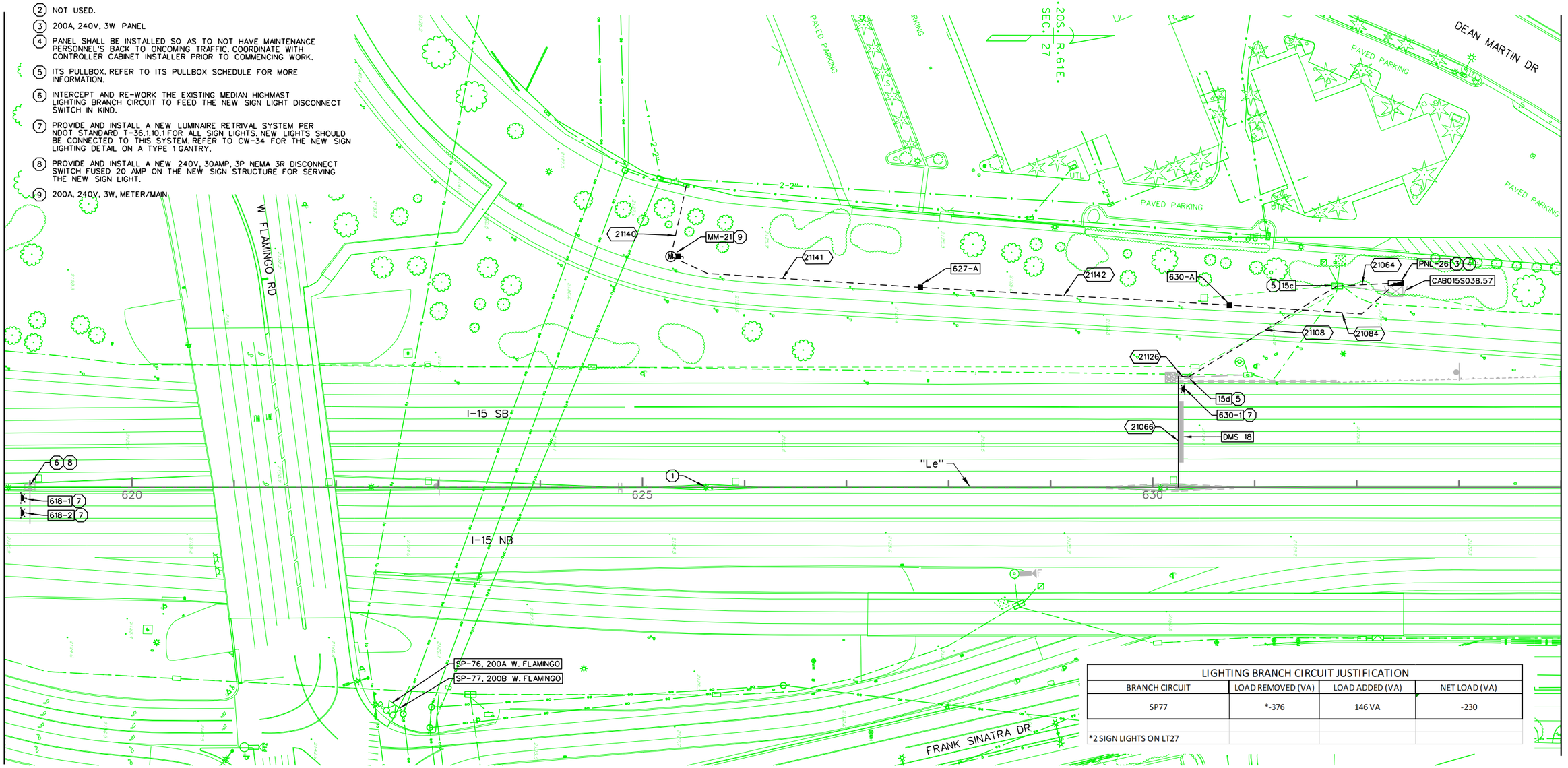
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT26

- KEY NOTES -

1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. NOT USED.
3. 200A, 240V, 3W PANEL
4. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
5. ITS PULLBOX. REFER TO ITS PULLBOX SCHEDULE FOR MORE INFORMATION.
6. INTERCEPT AND RE-WORK THE EXISTING MEDIAN HIGHMAST LIGHTING BRANCH CIRCUIT TO FEED THE NEW SIGN LIGHT DISCONNECT SWITCH IN KIND.
7. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIVAL SYSTEM PER NDOT STANDARD T-36.1.10.1 FOR ALL SIGN LIGHTS. NEW LIGHTS SHOULD BE CONNECTED TO THIS SYSTEM. REFER TO CW-34 FOR THE NEW SIGN LIGHTING DETAIL ON A TYPE 1 GANTRY.
8. PROVIDE AND INSTALL A NEW 240V, 30AMP, 3P NEMA 3R DISCONNECT SWITCH FUSED 20 AMP ON THE NEW SIGN STRUCTURE FOR SERVING THE NEW SIGN LIGHT.
9. 200A, 240V, 3W, METER/MAIN



LIGHTING BRANCH CIRCUIT JUSTIFICATION

BRANCH CIRCUIT	LOAD REMOVED (VA)	LOAD ADDED (VA)	NET LOAD (VA)
SP77	*-376	146 VA	-230
*2 SIGN LIGHTS ON LT27			

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT26	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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LIGHTING PLAN
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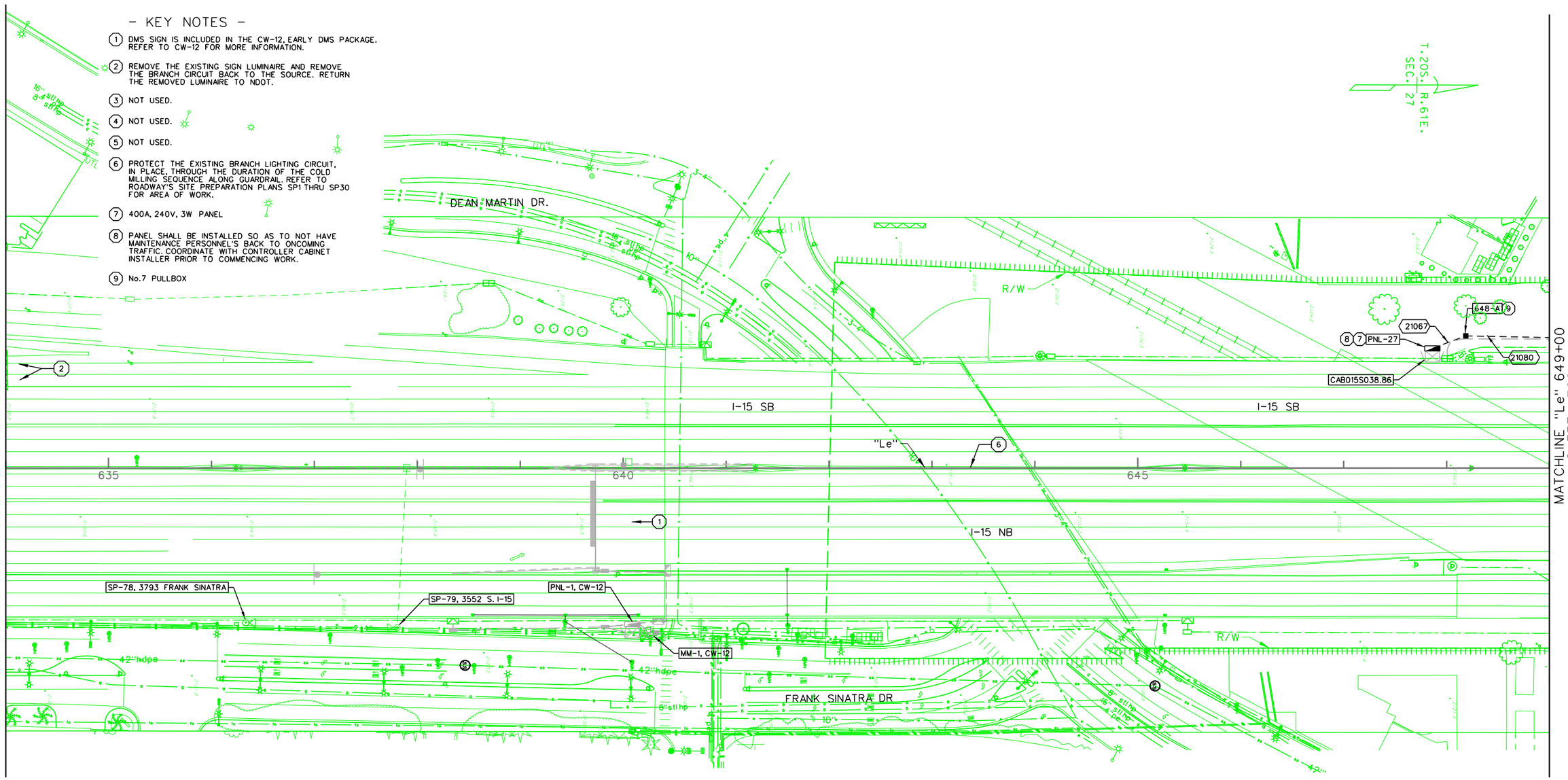
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT27

- KEY NOTES -

1. DMS SIGN IS INCLUDED IN THE CW-12, EARLY DMS PACKAGE. REFER TO CW-12 FOR MORE INFORMATION.
2. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO THE SOURCE. RETURN THE REMOVED LUMINAIRE TO NDOT.
3. NOT USED.
4. NOT USED.
5. NOT USED.
6. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
7. 400A, 240V, 3W PANEL
8. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
9. No.7 PULLBOX



NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT27	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS SINCE 1989
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"Le" 634+00 TO "Le" 649+00

ATKINS
2270 Corporate Circle
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Telephone: 702/263-7275
Fax: 702/263-7200
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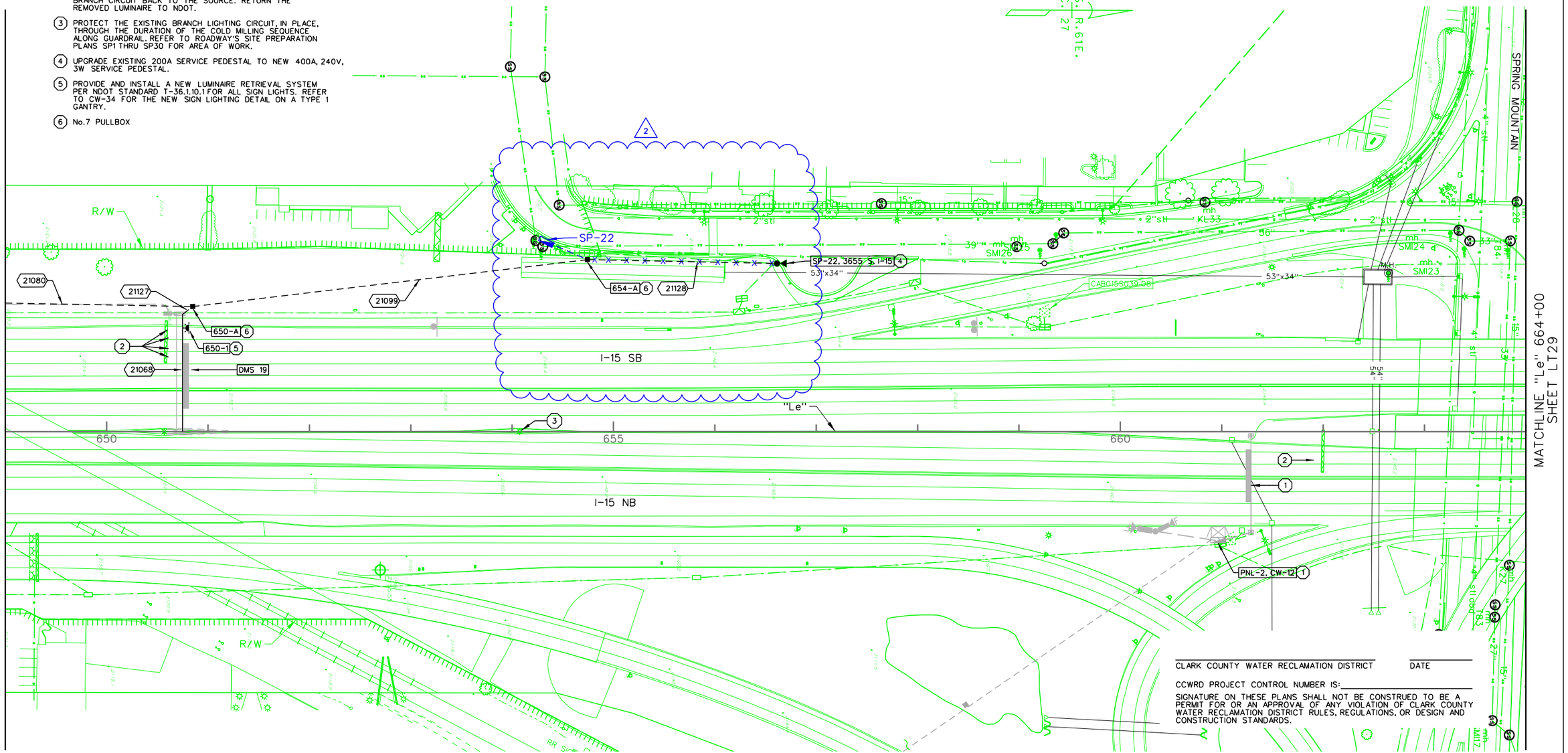
DESIGNED BY	ZJ
DRAWN BY	BLD
CHECKED BY	KP
REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT28

- KEY NOTES -

1. DMS SIGN IS INCLUDED IN THE CW-12, EARLY DMS, PACKAGE. REFER TO CW-12 FOR MORE INFORMATION.
2. REMOVE THE EXISTING SIGN LUMINAIRE AND REMOVE THE BRANCH CIRCUIT BACK TO THE SOURCE. RETURN THE REMOVED LUMINAIRE TO NDOT.
3. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
4. UPGRADE EXISTING 200A SERVICE PEDESTAL TO NEW 400A, 240V, 3W SERVICE PEDESTAL.
5. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARD T-36.1.10.1 FOR ALL SIGN LIGHTS. REFER TO CW-34 FOR THE NEW SIGN LIGHTING DETAIL ON A TYPE 1 GANTRY.
6. No.7 PULLBOX



NO.	DESCRIPTION	DATE
2	AS-BUILTS - FIELD CHANGES	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT28	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
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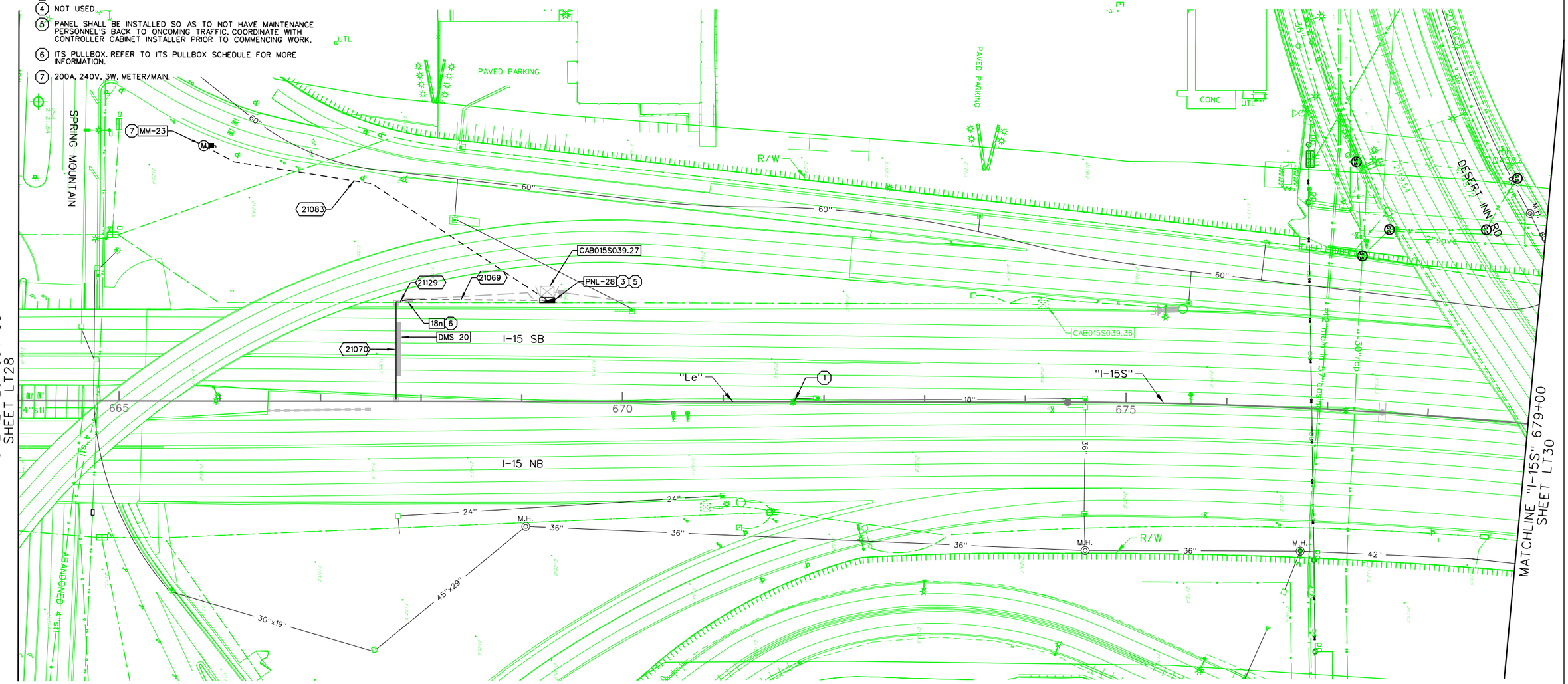
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REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT29

- KEY NOTES -

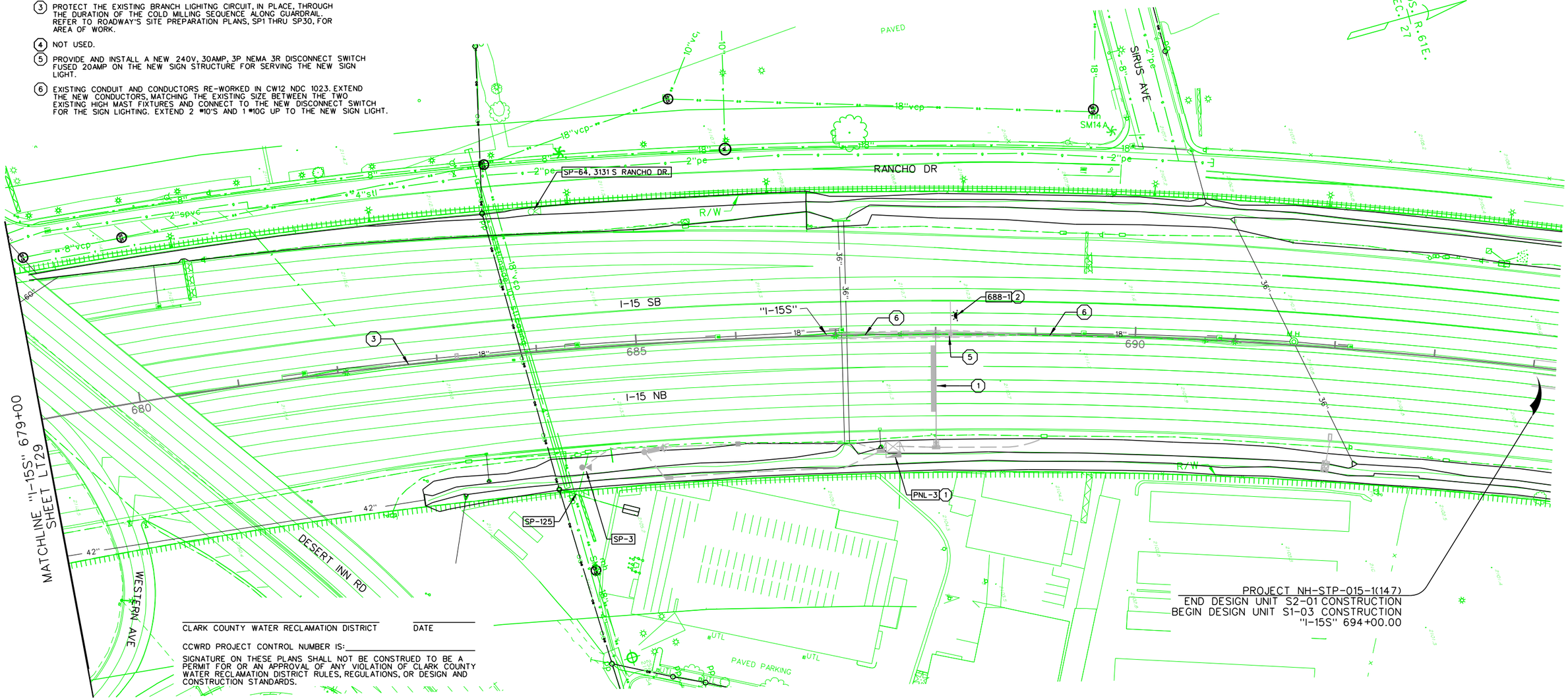
1. PROTECT THE EXISTING BRANCH LIGHTING CIRCUIT, IN PLACE, THROUGHT THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARD RAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS SP1 THRU SP30 FOR AREA OF WORK.
2. NOT USED.
3. 200A, 240V, 3W PANEL
4. NOT USED.
5. PANEL SHALL BE INSTALLED SO AS TO NOT HAVE MAINTENANCE PERSONNEL'S BACK TO ONCOMING TRAFFIC. COORDINATE WITH CONTROLLER CABINET INSTALLER PRIOR TO COMMENCING WORK.
6. ITS PULLBOX. REFER TO ITS PULLBOX SCHEDULE FOR MORE INFORMATION.
7. 200A, 240V, 3W, METER/MAIN.


T.01S. R.61E. SEC. 27
MATCHLINE "Le" 664+00 SHEET LT28
MATCHLINE "I-15S" 679+00 SHEET LT30
SPRING MOUNTAIN
PAVED PARKING
PAVED PARKING
CONC
UTL
UTL
R/W
R/W
DESERT INN RD
7 MM-23
M
21083
CAB015S039.27
21129
21069
PNL-28 3 5
18n 6
DMS 20
21070
CAB015S039.36
I-15 SB
I-15 NB
"Le"
"I-15S"
1
665
670
675
4"stl
4"stl
60"
60"
60"
60"
18"
36"
36"
36"
36"
24"
24"
36"
36"
36"
42"
45"x29"
30"x19"
M.H.
M.H.
M.H.
M.H.
2" spvc
2" spvc
2" spvc

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT30

– KEY NOTES –

1. DMS SIGN IS INCLUDED IN THE CW-12, EARLY DMS, PACKAGE. REFER TO CW-12 FOR MORE INFORMATION.
2. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARD T-36.1.10.1 FOR ALL SIGN LIGHTS. NEW LIGHTS SHOULD BE CONNECTED TO THIS SYSTEM. COORDINATE WITH SIGN STRUCTURES FOR LOCATION OF THE RETRIEVAL SYSTEM.
3. PROTECT THE EXISTING BRANCH LIGHITNG CIRCUIT, IN PLACE, THROUGH THE DURATION OF THE COLD MILLING SEQUENCE ALONG GUARDRAIL. REFER TO ROADWAY'S SITE PREPARATION PLANS, SP1 THRU SP30, FOR AREA OF WORK.
4. NOT USED.
5. PROVIDE AND INSTALL A NEW 240V, 30AMP, 3P NEMA 3R DISCONNECT SWITCH FUSED 20AMP ON THE NEW SIGN STRUCTURE FOR SERVING THE NEW SIGN LIGHT.
6. EXISTING CONDUIT AND CONDUCTORS RE-WORKED IN CW12 NDC 1023. EXTEND THE NEW CONDUCTORS, MATCHING THE EXISTING SIZE BETWEEN THE TWO EXISTING HIGH MAST FIXTURES AND CONNECT TO THE NEW DISCONNECT SWITCH FOR THE SIGN LIGHTING. EXTEND 2 #10'S AND 1 #10G UP TO THE NEW SIGN LIGHT.



CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT30	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
"I-15S" 679+00 TO "I-15S" 694+00

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REVIEWED BY MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT31

SERVICE PANEL No.:	PNLS 13,15,18,19,20,21,22,25,28,29,32,51,52		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	200		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	NEW	
BREAKER SPACE:	20				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
DMS RIGHT SIDE	1	2312	30/2	1	5192	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	2648	X	3	---	5528	4	X	2880	4	X
DMS LEFT SIDE	5	2744	35/2	5	4644	---	6	20	1900	6	PANEL GFCI
X	7	3178	X	7	---	3378	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	911	12	20		12	SPARE
SPARE	13		20	13	0	---	14	20		14	SPARE
SPARE	15		20	15	---	0	16	20		16	SPARE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
					11047	9817	VA				
					20864		Ttl VA				PROPERTY OF NDOT - ITS/DMS
					87		AMPS				
					43%		% USED				

SERVICE PANEL No.:	PNL 16		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	400		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	NEW	
BREAKER SPACE:	24				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
DMS RIGHT SIDE	1	4625	60/2	1	7505	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	5296	X	3	---	8176	4	X	2880	4	X
DMS LEFT SIDE	5	5488	70/2	5	7388	---	6	20	1900	6	PANEL GFCI
X	7	6355	X	7	---	6555	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	948	12	20/2	37	12	SIGN LIGHT
SPARE	13		20	13	37	---	14	X	37	14	X
SPARE	15		20	15	---	500	16	20	500	16	CONTACTOR COIL
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE
					16141	16179	VA				
					32320		Ttl VA				PROPERTY OF NDOT - ITS/DMS
					135		AMPS				
					34%		% USED				

CONTACTOR #	RATING	POLES	CKT#S	CONTROL
C1	60	8	12,14	PHOTOCELL

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT31	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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DEPARTMENT OF TRANSPORTATION

LIGHTING
PANEL SCHEDULES

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2270 Corporate Circle
Suite 200
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Telephone: 702/263-7275
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DRAWN BY	TJT
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REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT32

SERVICE PANEL No.:	PANELS 17, 24		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	200		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	NEW	
BREAKER SPACE:	20				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
DMS RIGHT SIDE	1	4625	60/2	1	7505	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	5296	X	3	---	8176	4	X	2880	4	X
DMS LEFT SIDE	5	5488	70/2	5	7388	---	6	20	1900	6	PANEL GFCI
X	7	6355	X	7	---	6555	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	911	12	20		12	SPARE
SPARE	13		20	13	0	---	14	20		14	SPARE
SPARE	15		20	15	---	0	16	20		16	SPARE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
					16104	15642	VA				PROPERTY OF NDOT - ITS/DMS
					31746		Ttl VA				
					132		AMPS				
					66%		% USED				

SERVICE PANEL No.:	PANEL 23		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	200		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	NEW	
BREAKER SPACE:	20				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
DMS RIGHT SIDE	1	3540	40/2	1	6420	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	2880	X	3	---	5760	4	X	2880	4	X
DMS LEFT SIDE	5	3804	40/2	5	5704	---	6	20	1900	6	PANEL GFCI
X	7	3108	X	7	---	3308	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	2 911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	2 ---	911	12	20		12	SPARE
SPARE	13		20	13	0	---	14	20		14	SPARE
SPARE	15		20	15	---	0	16	20		16	SPARE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
					13335	9979	VA				
					23314		Ttl VA				PROPERTY OF NDOT - ITS/DMS
					97		AMPS				
					49%		% USED				
					2						

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT32	12/20/2016

DESIGN UNIT S2-01

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MAY 01, 2019

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LIGHTING PANEL SCHEDULES

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CHECKED BY	KP
REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT33

SERVICE PANEL No.:	PNL 26	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE3	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	200	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	NEW
BREAKER SPACE:	20		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE. ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
DMS RIGHT SIDE	1	2312	30/2	1	5192	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	2648	X	3	---	5528	4	X	2880	4	X
DMS LEFT SIDE	5	2744	35/2	5	4644	---	6	20	1900	6	PANEL GFCI
X	7	3178	X	7	---	3378	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	948	12	20/2	37	12	SIGN LIGHT
SPARE	13		20	13	37	---	14	X	37	14	X
SPARE	15		20	15	---	500	16	20	500	16	CONTACTOR COIL
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
					11084	10354	VA				
					21438		Ttl VA				PROPERTY OF NDOT - ITS/DMS
					89		AMPS				
					45%		% USED				
CONTACTOR #			RATING		POLES			CKT#S			CONTROL
C1			60		8			12,14			PHOTOCELL

SERVICE PANEL No.:	PANEL 27	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	400	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	NEW
BREAKER SPACE:	24		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE. ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---	2				MAIN (MCB)
DMS LEFT SIDE	1	7,596	80/2	1	10476	---	2	30/2	2,880	2	CONTROLLER CABINET
X	3	6,204	X	3	---	9084	4	X	2,880	4	X
DMS RIGHT SIDE	5	7,068	80/2	5	8968	---	6	20	1,900	6	PANEL GFCI
X	7	5,760	X	7	---	5960	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	911	12	20		12	SPARE
SPARE	13		20	13	0	---	14	20		14	SPARE
SPARE	15		20	15	---	0	16	20		16	SPACE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE
					20,655	15,955	VA				
					36,610		Ttl VA				PROPERTY OF NDOT - ITS/DMS
					153		AMPS				
					38%		% USED				

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT33	12/20/2016

DESIGN UNIT S2-01

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING PANEL SCHEDULES

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DRAWN BY	TJT
CHECKED BY	KP
REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT34

SERVICE PANEL No.:	SP1		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	400		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	UPGRADED	
BREAKER SPACE:	24				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
E STREET LIGHTS	1	3000	50/2	1	3900	---	2	30/2	900	2	E STREET LIGHTS
VIA MAIN CONTACTOR	3	3000	X	3	---	3900	4	X	900	4	VIA MAIN CONTACTOR
E STREET LIGHTS	5	450	35/2	5	450	---	6	50/2		6	SPARE
VIA MAIN CONTACTOR	7	450	X	7	---	450	8	X		8	VIA MAIN CONTACTOR
E BRIDGE LIGHTS	9	3000	50/2	9	3000	---	10			10	SPACE VIA MAIN CONTACTOR
VIA MAIN CONTACTOR	11	3000	X	11	---	3000	12			12	SPACE VIA MAIN CONTACTOR
CONACTOR BUS	13		200/2	13	0	---	14			14	SPACE
X	15		X	15	---	0	16			16	SPACE
SPARE	17		15	17	0	---	18			18	SPACE
CONTACTOR COIL	19	500	15	19	---	500	20			20	SPACE
SPARE	21		20	21	0	---	22			22	SPACE
CAB015N034.45	23	200	10	23	---	200	24			24	SPACE

THIS SERVICE PEDESTAL FEEDS PNLS 13 & 32 VIA PASS THRU	29,444	27,684	VA	PROPTERTY OF NDOT - ITS/DMS
LUGS THEREFORE REFLECTING LOADS FROM BOTH PNLS & SP-1	57128		Ttl VA	
	238		AMPS	
	60%		% USED	

SERVICE PANEL No.:	SP7		PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE		WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240		ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	400		MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA		NEW/EXIST. SERVICE PED.:	UPGRADED	
BREAKER SPACE:	24				

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
STREET LIGHTS	1	3840	40/2	1	4040	---	2	15	200	2	CONTROL
VIA EXISTING 40/4 CONTACTOR	3	3840	X	3	---	3840	4	20		4	SPARE
STREET LIGHTS	5	3840	40/2	5	3840	---	6			6	SPACE
VIA EXISTING 40/4 CONTACTOR	7	3840	X	7	---	3840	8			8	SPACE
SPARE	9		40/2	9	0	---	10			10	SPACE
X	11		X	11	---	0	12			12	SPACE
SPACE	13			13	0	---	14			14	SPACE
SPACE	15			15	---	0	16			16	SPACE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE

THIS SERVICE PEDESTAL FEEDS PNL-17 VIA PASS THRU LUGS	23,984	23,322	VA	PROPERTY OF NDOT - ITS/DMS
THEREFORE REFLECTING LOADS FROM BOTH SP-7 & PNL-17	47306		Ttl VA	
	197		AMPS	
	49%		% USED	

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT34	12/20/2016

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LIGHTING
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PROPERTY OF NDOT - ITS/DMS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT35

SERVICE PANEL No.:	SP8	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	400	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	UPGRADED
BREAKER SPACE:	24		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
EXISTING RAMP LIGHTING	1	1920	25/2	1	1920	---	2	25/2		2	SPARE
X	3	1920	X	3	---	1920	4	X		4	VIA MAIN CONTACTOR
SPARE	5		25/2	5	0	---	6			6	SPACE VIA MAIN CONTACTOR
VIA MAIN CONTACTOR	7		X	7	---	0	8			8	SPACE VIA MAIN CONTACTOR
SPACE VIA MAIN CONTACTOR	9			9	0	---	10			10	SPACE VIA MAIN CONTACTOR
SPACE VIA MAIN CONTACTOR	11			11	---	0	12			12	SPACE VIA MAIN CONTACTOR
SPACE VIA MAIN CONTACTOR	13			13	0	---	14			14	SPACE VIA MAIN CONTACTOR
SPACE VIA MAIN CONTACTOR	15			15	---	0	16			16	SPACE VIA MAIN CONTACTOR
CONTACTOR BUS	17		200/2	17	0	---	18			18	SPACE VIA MAIN CONTACTOR
X	19		X	19	---	0	20			20	SPACE VIA MAIN CONTACTOR
CONTACTOR COIL	21	500	15	21	680	---	22	15	180	22	SP GFCI
SPARE	23		15	23	---	0	24	15		24	SPARE

THIS SERVICE PEDESTAL FEEDS PNLS 18 & 19 VIA PASS THRU LUGS THEREFORE REFLECTING LOADS FROM BOTH PNLS & SP-8	24,694 | 21,554	VA
	46248	Ttl VA
	193	AMPS
	48%	% USED

PROPERY OF NDOT - ITS/DMS

SERVICE PANEL No.:	PNL 14	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON PANEL SCHEDULE	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	200	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	NEW
BREAKER SPACE:	20		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
DMS SIGN	1	4620	50/2	1	7500	---	2	30/2	2880	2	CONTROLLER CABINET
X	3	3768	X	3	---	6648	4	X	2880	4	X
SPACE	5 △1			5	1900	--- △1	6	20	1900	6	PANEL GFCI
SPACE	7			7	---	200	8	20	200	8	CONTROLLER CABINET LIGHTING
RIGHT SIDE DMS SIDE MOUNT SIGN	9	911	20	9	1211	---	10	20	300	10	CONTROLLER CABINET COOLING FANS
LEFT SIDE DMS SIDE MOUNT SIGN	11	911	20	11	---	911	12	20		12	SPARE
SPARE	13		20	13	0	---	14	20		14	SPARE
SPARE	15		20	15	---	0	16	20		16	SPARE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE

10611	7759	VA
18370		Ttl VA
77		AMPS
38%		% USED

△1

PROPERTY OF NDOT - ITS/DMS

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT35	12/20/2016

DESIGN UNIT S2-01

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT36

SERVICE PANEL No.:	SP14	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	200	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	EXISTING
BREAKER SPACE:	14		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			200/2		---	---					MAIN (MCB)
(E) TB 4 177+53	1	1440	15/2	1	2880	---	2	15/2	1440	2	(E) CAB015S03727
X	3	1440	X	3	---	2880	4	X	1440	4	X
(E) CAB016S03756	5	1920	20	5	3840	---	6	20	1920	6	(E) CAB015S03783
SPACE	7			7	---	0	8	20		8	SPARE
SPACE	9			9	0	---	10			10	SPACE
SPACE	11			11	---	0	12			12	SPACE
SPACE	13			13	0	---	14			14	SPACE

THIS SERVICE PEDESTAL FEEDS PNL-22 VIA PASS THRU LUGS THEREFORE REFLECTING LOADS FROM BOTH PNL-22 & SP-14

17,767 | 12,697	VA
30464	Ttl VA
127	AMPS
63%	% USED

PROPTERY OF NDOT - ITS/DMS

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT36	12/20/2016

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT37

SERVICE PANEL No.:	SP17			PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE			WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240			ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	400			MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA			NEW/EXIST. SERVICE PED.:	UPGRADED	
BREAKER SPACE:	24					

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
EXISTING LOAD	1	1440	15/2	1	6240	---	2	50/2	4800	2	EXISTING LOAD
X	3	1440	X	3	---	6240	4	X	4800	4	X
EXISTING LOAD	5	2880	30	5	4320	---	6	15/2	1440	6	EXISTING LOAD
SPACE	7			7	---	1440	8	X	1440	8	X
SPACE	9			9	0	---	10			10	SPACE
SPACE	11			11	---	0	12			12	SPACE
SPACE	13			13	0	---	14			14	SPACE
SPACE	15			15	---	0	16			16	SPACE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE
THIS SERVICE PEDESTAL FEEDS PNL-24 VIA PASS THRU LUGS					26,664	23,322	VA				PROPERTY OF NDOT - ITS/DMS
THEREFORE REFLECTING LOADS FOR BOTH PNL-24 & SP-17					49986		Ttl VA				
					208		AMPS				
					52%		% USED				

SERVICE PANEL No.:	SP20			PHASE:	1	PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE			WIRING METHOD:	120/240V 3-WIRE (1Ø)	
VOLTAGE:	240			ENCLOSURE TYPE:	NEMA 3R	
AMPACITY:	400			MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER	
MIN INTERRUPTING RATING:	22kA			NEW/EXIST. SERVICE PED.:	UPGRADED	
BREAKER SPACE:	24					

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
SPARE	1		15/2	1	4800	---	2	50/2	4800	2	DMS #2 SIGN
X	3		X	3	---	4800	4	X	4800	4	X
SPARE	5		15/2	5	0	---	6	20		6	SPARE
X	7		X	7	---	0	8	15/2		T	SPARE
SPACE	9			9	0	---	10	X		10	X
SPACE	11			11	---	0	12			12	SPACE
SPACE	13			13	0	---	14			14	SPACE
SPACE	15			15	---	0	16			16	SPACE
SPACE	17			17	0	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE
THIS SERVICE PEDESTAL FEEDS PNL 25 VIA FEED THRU LUGS					15,847	14,617	VA				PROPERTY OF NDOT - ITS/DMS
THEREFORE REFLECTING LOADS FROM BOTH PNL-25 AND SP-20					30464		Ttl VA				
					127		AMPS				
					32%		% USED				

- SCHEDULE NOTES -

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT37	12/20/2016

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT38

SERVICE PANEL No.:	SP22	PHASE:	1 PHASE
LOCATION:	SEE PROJECT NEON SERVICE PEDESTAL SCHEDULE	WIRING METHOD:	120/240V 3-WIRE (1Ø)
VOLTAGE:	240	ENCLOSURE TYPE:	NEMA 3R
AMPACITY:	400	MAIN UTILITY CONNECTION:	MAIN CIRCUIT BREAKER
MIN INTERRUPTING RATING:	22kA	NEW/EXIST. SERVICE PED.:	UPGRADED
BREAKER SPACE:	24		

MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, E=EXISTING, PH=PHASE; ALL LIGHTING LOADS SHALL HAVE A 1.25 DEMAND FACTOR APPLIED

DESCRIPTION	CKT#	LOAD	BKR	BKR SPACE	PHASE A	PHASE B	BKR SPACE	BKR	LOAD	CKT#	DESCRIPTION
MAIN (MCB)			400/2		---	---					MAIN (MCB)
RMP015S039.06	1	1920	20	1	3840	---	2	20	1920	2	CTV015S038.85
TDR015S039.21	3	1440	15/2	3	---	2880	4	15/2	1440	4	DET015S039.34
X	5	1440	X	5	2880	---	6	X	1440	6	X
SPACE	7			7	---	0	8			8	SPACE
SPACE	9			9	0	---	10			10	SPACE
SPACE	11			11	---	0	12			12	SPACE
CONTACTOR COIL	13	500	20	13	500	---	14			14	SPARE
SIGN LIGHTING	15	37	20/2	15	---	37	16			16	SPACE
LTG: 650-1	17	37	X	17	37	---	18			18	SPACE
SPACE	19			19	---	0	20			20	SPACE
SPACE	21			21	0	---	22			22	SPACE
SPACE	23			23	---	0	24			24	SPACE

THIS SERVICE PEDESTAL FEEDS PNL-27 VIA PASS THRU LUGS	27,912	18,872	VA		PROPERTY OF NDOT - ITS/DMS
THEREFORE REFLECTING LOADS FROM BOTH PNL-27 AND SP-22	46,784		TtI VA		
	195		AMPS		
	49%		% USED		

CONTACTOR #	RATING	POLES		CKT#S	CONTROL
C1	60	2	2	15,17	PHOTOCELL

– SCHEDULE NOTES –

1. SHEET LT50 FOR LIST OF ALL PANEL, SERVICE PEDESTAL, AND METER/MAIN LOCATIONS.

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT38	12/20/2016

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING
SERVICE PEDESTAL SCHEDULES

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Henderson, Nevada 89074
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Fax: 702/263-7200
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT39

NOTE: SHEET INTENTIONALLY LEFT BLANK.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT39	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT40

PROJECT NEON LUMINAIRE SCHEDULE

DU#	PAGE#	TAG#	STATION/OFFSET			LT/RT	DESCRIPTION	DRIVER	DIST. TYPE	CCT	WATTS	LUMENS	PEDESTAL	LIGHT CKT..	RECEPT CKT..	NOTES
S2-01	LT1	248-1	Le	248+32	16.64	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-118 (251)	3	NA	1,3
S2-01	LT2	269-1	Le	269+99	14.85	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-105 (267)	3	NA	1,3
S2-01	LT2	269-2	Le	269+99	30.85	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-105 (267)	3	NA	1,3
S2-01	LT4	295-1	Le	295+10	12.34	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-107	2	NA	1
S2-01	LT4	294-1	Le	294+99	22.45	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-107	2	NA	1
S2-01	LT16	471-1	Le	471+99	11.14	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-27 (463A)	9	NA	1,3
S2-01	LT16	471-2	Le	471+99	27.46	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-27 (463A)	9	NA	1,3
S2-01	LT16	482-1	Le	482+85	82.96	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	PNL-16	(12,14)	NA	2
S2-01	LT19	516-1	Le	516+49	11.32	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-83 (516A)	1	NA	2,3
S2-01	LT19	516-2	Le	516+49	26.62	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-83 (516A)	1	NA	2,3
S2-01	LT23	585-1	Le	585+00	24.31	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-20 (608)	1	NA	1,3
S2-01	LT23	585-2	Le	585+00	11.64	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-20 (608)	1	NA	1,3
S2-01	LT23	587-1	Le	587+83	75.60	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-20 (608)	1	NA	1,3
S2-01	LT23	587-2	Le	587+83	62.81	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-20 (608)	1	NA	1,3
S2-01	LT23	587-3	Le	587+83	50.80	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-20 (608)	1	NA	1,3
S2-01	LT26	618-1	Le	618+99	10.79	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-77	(14,16) (Field Verify)	NA	2
S2-01	LT26	618-2	Le	618+99	25.37	RT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-77	(14,16) (Field Verify)	NA	2
S2-01	LT26	630-1	Le	630+25	96.70	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	PNL-26	(12,14)	NA	2
S2-01	LT28	650-1	Le	650+72	102.15	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-22	(15,17)	NA	2
S2-01	LT30	688-1	I-15S	688+15	18.34	LT	SIGN LIGHT	CLO	TYPE III	4000	73	7918	SP-64	(1,3) (Field Verify)	NA	2
S2-01	LT14	453-1	Le	453+35	83.00	RT	Existing Metal Halide Luminaire, 40' pole	-	Existing	Existing	Existing	Existing	(E) SP-435	8 (Existing)	NA	4

- SCHEDULE NOTES -

1. REPLACE EXISTING SIGN LIGHT WITH NDOT LED STANDARD. SEE DESCRIPTION FOR LUMINAIRE INFORMATION. LOAD ADDED IS LESS THAN LOAD REMOVED.
2. NEW SIGN LIGHT MOUNTED ON ATM GANTRY STRUCTURE. PROVIDE AND INSTALL A NEW LUMINAIRE RETRIEVAL SYSTEM PER NDOT STANDARDS T-36.1.10.1. REFER TO THE STRUCTURAL SET DETAIL FOR THE SIGN LIGHT MOUNTING DETAIL IN CW34.
3. NUMBERS IN PARENTHESIS IN PEDESTAL COLUMN REFLECT THE ORIGINAL NDOT AS-BUILT CALL OUTS FOR THE PEDESTALS.
4. SEE SD-11 FOR LIGHT FOUNDATION. PROVIDE FOUNDATION GROUNDING PER WIRING DIAGRAM ON NDOT STANDARDS SHEET T-30.1.10.

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT40	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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DEPARTMENT OF TRANSPORTATION

LIGHTING
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT41

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21000	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			Service Pedestal SP-01	SEE SERVICE PEDESTAL SCHEDULE	No. 7 PULLBOX 414-A	SEE PROJECT NEON PULL BOX SCHEDULE	176	LT12	
	PVC	1[4"]	3#600, 1#2G	SP-01									
21001	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 414-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 418-A	SEE PROJECT NEON PULL BOX SCHEDULE	386	LT12	
	PVC	1[4"]	3#600, 1#2G	SP-01									
21002	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 418-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 420-A	SEE PROJECT NEON PULL BOX SCHEDULE	202	LT12	
	PVC	1[4"]	3#600, 1#2G	SP-01									
21003	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 420-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 421-A	SEE PROJECT NEON PULL BOX SCHEDULE	75	LT12	
	PVC	1[4"]	3#600, 1#2G	SP-01									
21004	PVC	1[3"]	6#1, 1#1G	PNL-13	(1,3) (5,7)	ITS	PULL BOX 1l	SEE ITS PLANS	PULL BOX 1k	SEE ITS PLANS	26	LT12	
			4#2, 1#2G	PNL-13	9,11								
21005	PVC	1[3"]	6#1/0, 1#1G	PNL-13	(1,3) (5,7)	ITS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	PULL BOX 1k	SEE ITS PLANS	15	LT12	
			4#2, 1#2G	PNL-13	9,11								
21006	GRC	1[3"]	6#1/0, 1#1G	PNL-13	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	114	LT12	
			2#2, 1#2G	PNL-13	11								
21007	PVC	1[3"]	6#1, 1#2G	PNL-32	(1,3) (5,7)	ITS	No. 7 PULLBOX 422-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 1d	SEE ITS PLANS	27	LT12	
			4#2, 1#2G	PNL-32	9, 11								
21008	PVC	1[3"]	6#1, 1#2G	PNL-32	(1,3) (5,7)	ITS	PULL BOX 1d	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	26	LT12	
			4#2, 1#2G	PNL-32	9, 11								
21009	GRC	1[3"]	6#1, 1#2G	PNL-32	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	146	LT12	
			2#2, 1#2G	PNL-32	11								
21010	GRC	1[3"]	3#1/0, 1#2G	PNL-14	(1,3)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	90	LT14	
			2#2, 1#2G	PNL-14	11								
21011	PVC	1[3"]	3#1/0, 1#2G	PNL-14	(1,3)	ITS	PULL BOX 3j	SEE ITS PLANS	PULL BOX 3m	SEE ITS PLANS	189	LT14	
			4#2, 1#2G	PNL-14	9,11								
21012	PVC	1[4"]	3#600, 1#2G	MM-13			No. 7 Pullbox 450-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-14	SEE PROJECT NEON PANELBOARD SCHEDULE	27	LT14	
21013	PVC	1[3"]	3#1/0, 1#2G	PNL-14	(1,3)		PANELBOARD PNL-14	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 3j	SEE ITS PLANS	232	LT14	
			4#2, 1#2G	PNL-14	9,11								
21014	PVC	1[3"]	6#1, 1#2G	PNL-29	(1,3) (5,7)	ITS	PANELBOARD PNL-29	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 3p	SEE ITS PLANS	253	LT14	
			4#2, 1#2G	PNL-29	9, 11								

2

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NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT41	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT42

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21015	PVC	1[3"]	6#1, 1#2G	PNL-29	(1,3) (5,7)	ITS	PULL BOX 3p	SEE ITS PLANS	PULL BOX 3q	SEE ITS PLANS	93	LT14	
			4#2, 1#2G	PNL-29	9, 11								
21017	PVC	1[4"]	3#600, 1#2G	MM-13			No. 7 Pullbox 451-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 450-A	SEE PROJECT NEON PULL BOX SCHEDULE	160	LT14	
	PVC	1[4"]	3#600, 1#2G	MM-13									
21018	PVC	1[4"]	3#600, 1#2G	MM-13			No. 7 Pullbox 452-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 451-A	SEE PROJECT NEON PULL BOX SCHEDULE	186	LT14	
	PVC	1[4"]	3#600, 1#2G	MM-13									
21019	PVC	1[4"]	3#600, 1#2G	MM-13			Service Meter MM-13	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 Pullbox 452-A	SEE PROJECT NEON PULL BOX SCHEDULE	136	LT14	
	PVC	1[4"]	3#600, 1#2G	MM-13									
21020	PVC	1[4"]	BY NVE				EXISTING UTILITY TRANSFORMER	SEE PLANS	Service Meter MM-13	SEE PROJECT NEON METER MAIN SCHEDULE		LT14	
21021	PVC	1[4"]	3#600, 1#2G	MM-14			No. 7 Pullbox 474-A	SEE PROJECT NEON PULL BOX SCHEDULE	PANELBOARD PNL-15	SEE PROJECT NEON PANELBOARD SCHEDULE	38	LT16	
	PVC	1[3"]	6#1, 1#2G	PNL-15	(1,3) (5,7)								
			4#2, 1#2G	PNL-15	9,11								
21022	GRC	1[3"]	6#1, 1#2G	PNL-15	(1,3) (5,7)		DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	102	LT16	
			2#2, 1#2G	PNL-15	9								
21023	PVC	1[3"]	6#1, 1#2G	PNL-15	(1,3) (5,7)	ITS	PULL BOX 5g	SEE ITS PLANS	PULL BOX 5h	SEE ITS PLANS	108	LT16	
			4#2, 1#2G	PNL-15	9,11								
21024	PVC	1[3"]	6#1, 1#2G	PNL-15	(1,3) (5,7)		No. 7 Pullbox 474-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 5g	SEE ITS PLANS	207	LT16	
			4#2, 1#2G	PNL-15	9,11								
21025	PVC	1[4"]	3#600, 1#2G	MM-14			Meter Service MM-14	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 Pullbox 474-A	SEE PROJECT NEON PULL BOX SCHEDULE	111	LT16	
	PVC	1[4"]	3#600, 1#2G	MM-14									
21026	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(1,3)	ITS	PANELBOARD PNL-16	SEE PROJECT NEON PANELBOARD SCHEDULE	No. 7 Pullbox 478-A	SEE PROJECT NEON PULL BOX SCHEDULE	328	LT16	
			4#1, 1#1G	PNL-16	9,11								
	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(5,7)								
	PVC	1[2"]	2#10, 1#10G	PNL-16	(12,14)								
21027	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(1,3)	ITS	No. 7 Pullbox 478-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 5k	SEE ITS PLANS	467	LT16	
			4#1, 1#1G	PNL-16	9,11								
	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(5,7)								
	PVC	1[2"]	2#10, 1#10G	PNL-16	(12,14)								
21028	PVC	1[4"]	3#600, 1#2G	MM-14			No. 7 Pullbox 474-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-16	SEE PROJECT NEON PANELBOARD SCHEDULE	79	LT16	
21029	GRC	1[4"]	6#250, 1#4/0G	PNL-16	(1,3)(5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	108	LT16	
			2#1, 1#1G	PNL-16	11								
21030	GRC	1[3"]	6#1/0, 1#1G	PNL-17	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	102	LT17	
			2#4, 1#4G	PNL-17	11								

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT42	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT43

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21031	PVC	1[3"]	6#1/0, 1#1G	PNL-17	(1,3) (5,7)	ITS	PULL BOX 6f	SEE ITS PLANS	PULL BOX 6e	SEE ITS PLANS	203	LT17	
			4#4, 1#4G	PNL-17	9,11								
21033	PVC	1[3"]	6#1/0, 1#1G	PNL-17	(1,3) (5,7)	ITS	Panelboard PNL-17	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 6f	SEE ITS PLANS	62	LT17	
			4#4, 1#4G	PNL-17	9,11								
21034	PVC	1[4"]	3#600, 1#2G	SP-07			Service Pedestal SP-07	SEE ROJECT NEON SERVICE PEDESTAL PANEL SCHEDULE	Panelboard PNL-17	SEE PROJECT NEON PANELBOARD SCHEDULE	31	LT17	
21035	PVC	1[4"]	3#600, 1#2G	SP-08			Service Pedestal SP-08	SEE ROJECT NEON SERVICE PEDESTAL PANEL SCHEDULE	No. 7 Pullbox 503-A	SEE PROJECT NEON PULL BOX SCHEDULE	64	LT18	
	PVC	1[4"]	3#600, 1#2G	SP-08									
21036	PVC	1[4"]	3#600, 1#2G	SP-08			No. 7 Pullbox 504-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 7p	SEE ITS PLANS	230	LT18	
	PVC	1[4"]	3#600, 1#2G	SP-08									
21037	PVC	1[3"]	6#1/0, 1#1G	PNL-18	(1,3) (5,7)	ITS	No. 7 Pullbox 509-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 7h	SEE ITS PLANS	79	LT18	
			4#2, 1#2G	PNL-18	9,11								
21038	GRC	1[3"]	6#1/0, 1#1G	PNL-18	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	89	LT18	
			2#2, 1#2G	PNL-18	11								
21039	GRC	1[3"]	6#2, 1#4G	PNL-19	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	93	LT18	
			2#4, 1#4G	PNL-19	11								
21040	PVC	1[3"]	6#2, 1#4G	PNL-19	(1,3) (5,7)	ITS	PULL BOX 7o	SEE ITS PLANS	PULL BOX 7q	SEE ITS PLANS	72	LT18	
			4#4, 1#4G	PNL-19	9,11								
21041	PVC	1[4"]	3#600, 1#2G	SP-08			No. 7 Pullbox 509-B	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 509-A	SEE PROJECT NEON PULL BOX SCHEDULE	212	LT18	
21042	GRC	1[3"]	6#2, 1#4G	PNL-51	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	87	LT20	
			2#4, 1#4G	PNL-51	11								
21043	PVC	1[4"]	3#600, 1#2G	MM-15			No. 7 PULLBOX 537-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 533-B	SEE PROJECT NEON PULL BOX SCHEDULE	383	LT20	
	PVC	1[4"]	3#600, 1#2G	MM-15									
21044	PVC	1[3"]	6#2, 1#4G	PNL-20	(1,3) (5,7)	ITS	PULL BOX 9k	SEE ITS PLANS	PULL BOX 9l	SEE ITS PLANS	72	LT20	
			4#4, 1#4G	PNL-20	9, 11								
21045	GRC	1[3"]	6#2, 1#4G	PNL-20	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	80	LT20	
			2#4, 1#4G	PNL-20	11								

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT43	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING
CONDUIT SCHEDULE

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT44

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21046	PVC	1[4"]	3#600, 1#2G	MM-15			Meter Service MM-15	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 PULLBOX 537-A	SEE PROJECT NEON PULL BOX SCHEDULE	203	LT20	
	PVC	1[4"]	3#600, 1#2G	MM-15									
21047	PVC	1[4"]	3#600, 1#2G	MM-12			No. 7 PULLBOX 559-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 559-B	SEE PROJECT NEON PULL BOX SCHEDULE	255	LT21	
21048	GRC	1[3"]	6#1, 1#2G	PNL-21	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	96	LT21	
			2#4, 1#4G	PNL-21	11								
21049	PVC	1[3"]	6#1, 1#2G	PNL-21	(1,3) (5,7)	ITS	PULL BOX 10i	SEE ITS PLANS	PULL BOX 10j	SEE ITS PLANS	55	LT21	
			4#4, 1#4G	PNL-21	9, 11								
21050	PVC	1[3"]	6#1, 1#2G	PNL-21	(1,3) (5,7)		Panelboard PNL-21	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 10i	SEE ITS PLANS	165	LT21	
			4#4, 1#4G	PNL-21	9, 11								
21051	PVC	1[4"]	3#600, 1#2G	MM-12			No. 7 Pullbox 559-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-21	SEE PROJECT NEON PANELBOARD SCHEDULE	179	LT21	
21052	PVC	1[4"]	3#600, 1#2G	MM-12			Service Meter MM-12	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 Pullbox 559-A	SEE PROJECT NEON PULL BOX SCHEDULE	112	LT21	
	PVC	1[4"]	3#600, 1#2G	MM-12									
21053	PVC	1[3"]	6#2, 1#4G	PNL-22	(1,3) (5,7)	ITS	Panelboard PNL-22	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 12d	SEE ITS PLANS	110	LT23	
			4#4, 1#4G	PNL-22	9, 11								
21054	GRC	1[3"]	6#2, 1#4G	PNL-22	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	91	LT23	
			2#4, 1#4G	PNL-22	11								
21055	GRC	1[3"]	6#1, 1#2G	PNL-23	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	118	LT23	
			2#4, 1#4G	PNL-23	11								
21056	PVC	1[3"]	6#1, 1#2G	PNL-23	(1,3) (5,7)	ITS	No. 7 Pullbox 581-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 12f	SEE ITS PLANS	140	LT23	
			4#4, 1#4G	PNL-23	9, 11								
21057	PVC	2[4"] E. w/	3#600, 1#2G	SP-17			Service Pedestal SP-17	SEE PROJECT NEON SERVICE PEDESTAL PANEL SCHEDULE	No. 7 PULLBOX 602-A	SEE PROJECT NEON PULL BOX SCHEDULE	89	LT24	
21058	GRC	1[3"]	6#1, 1#2G	PNL 52	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	109	LT21	
			2#2, 1#2G	PNL-52	11								
21059	PVC	1[3"]	6#4/0, 1#2/0G	PNL-24	(1,3) (5,7)	ITS	PULL BOX 14f	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	27	LT25	
			4#2, 1#2G	PNL-24	9, 11								
21060	GRC	1[3"]	6#4/0, 1#2/0G	PNL-24	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	97	LT25	
			2#2, 1#2G	PNL-24	11								
21061	PVC	1[3"]	6#2, 1#4G	PNL-25	(1,3) (5,7)	ITS	Panelboard PNL-25	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 14m	SEE ITS PLANS	250	LT25	
			4#6, 1#6G	PNL-25	9, 11								

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT44	12/20/2016

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MAY 01, 2019

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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CONDUIT SCHEDULE

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT45

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT PEDESTAL	CIRCUIT POLE	TRENCH WITH	FROM NODE	FROM LOCATION	TO NODE	TO LOCATION	LENGTH (FT)	DWG NO.	NOTES
21062	PVC	1[3"]	6#2, 1#4G	PNL-25	(1,3) (5,7)	ITS	PULL BOX 14m	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	50	LT25	
			4#6, 1#6G	PNL-25	9, 11								
21063	GRC	1[3"]	6#2, 1#4G	PNL-25	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	102	LT25	
			2#6, 1#6G	PNL-25	11								
21064	PVC	1[3"]	6#2, 1#4G	PNL-26	(1,3) (5,7)	ITS	Panelboard PNL-26	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 15c	SEE ITS PLANS	66	LT26	
			4#2, 1#2G	PNL-26	9, 11								
	PVC	1[2"]	2#10, 1#10G	PNL-26	(12,14)								
21065	PVC	1[3"]	6#1, 1#2G	PNL-29	(1,3) (5,7)		PULL BOX 3q	SEE ITS PLANS	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	16	LT14	
			4#2, 1#2G	PNL-29	9, 11								
21066	GRC	1[3"]	6#2, 1#4G	PNL-26	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	115	LT26	
			2#2, 1#2G	PNL-26	11								
21067	PVC	2[4"] E w./	3#600, 1#2G	SP-22		ITS	No. 7 Pullbox 648-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-27	SEE PROJECT NEON PANELBOARD SCHEDULE	43	LT27	
	PVC	1[3"]	3-250MCM,#1G	PNL-27	(1,3)								
			3#4/0,#1G	PNL-27	(5,7)								
			4#2, 1#2G	PNL-27	9,11								
21068	GRC	1[3"]	3-250MCM,#1G	PNL-27	(1,3)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	122	LT28	
			3#4/0,#1G	PNL-27	(5,7)								
			2#2, 1#2G	PNL-27	11								
21069	PVC	1[3"]	6#4, 1#6G	PNL-28	(1,3) (5,7)	ITS	Panelboard PNL-28	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 18n	SEE ITS PLANS	144	LT29	
			4#6, 1#6G	PNL-28	9, 11								
21070	GRC	1[3"]	6#4, 1#6G	PNL-28	(1,3) (5,7)		DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	103	LT29	
			2#6, 1#6G	PNL-28	11								
21071	PVC	1[4"]	3#600, 1#2G	SP-08			PULL BOX 7p	SEE ITS PLANS	No. 7 Pullbox 509-B	SEE PROJECT NEON PULL BOX SCHEDULE	283	LT18	
21072	PVC	2[4"] E w./	3#600, 1#2G	SP-17		ITS	PULL BOX 14f	SEE ITS PLANS	PULL BOX 14g	SEE ITS PLANS	144	LT25	
	PVC	1[3"]	6#4/0, 1#2/0G	PNL-24	(1,3) (5,7)								
			4#2, 1#2G	PNL-24	9, 11								
21073	PVC	1[4"]	3#600, 1#2G	SP-14			No. 7 Pullbox 580-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 582-A	SEE PROJECT NEON PULL BOX SCHEDULE	265	LT23	
21074	PVC	1[4"]	3#600, 1#2G	SP-14			No. 7 Pullbox 580-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-22	SEE PROJECT NEON PANELBOARD SCHEDULE	57	LT23	
21075	PVC	1[4"]	3#600, 1#2G	MM-16		ITS	No. 7 Pullbox 581-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-23	SEE PROJECT NEON PANELBOARD SCHEDULE	183	LT23	
	PVC	1[3"]	6#1, 1#2G	PNL-23	(1,3) (5,7)								
			4#4, 1#4G	PNL-23	9, 11								
21076	PVC	1[4"]	3#600, 1#2G	MM-16			Service Meter MM-16	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 Pullbox 581-A	SEE PROJECT NEON PULL BOX SCHEDULE	40	LT23	
21077	PVC	1[4"]	3#600, 1#2G	SP-20			Service Pedestal SP-20	SEE PROJECT NEONSERVICE PEDESTAL PANEL SCHEDULE	Panelboard PNL-25	SEE PROJECT NEON PANELBOARD SCHEDULE	28	LT25	

△2 GRC 1[3"]

△3 PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
3	AS-BUILTS - CCO #34	05/01/19
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT45	12/20/2016

DESIGN UNIT S2-01

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MAY 01, 2019

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REVIEWED BY MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT46

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21078	PVC	1[3"]	2#1/0, 1#1/0G	(E) SP-435	8		Existing Light Location	"Le" 453+15, 83 RT	Relocated light	"Le" 453+35, 83 RT	26	LT14	1,2
		EXTEND FROM (E											
21079	GRC	1[3"]	6#1, 1#2G	PNL-29	(1,3) (5,7)		DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	88	LT14	
			2#2, 1#2G	PNL-29	9								
21080	PVC	2[4"] E. w./	3#600, 1#2G	SP-22		ITS	No. 7 Pullbox 650-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 648-A	SEE PROJECT NEON PULL BOX SCHEDULE	272	LT27 LT28	
	PVC	1[3"]	3-250MCM,#1G	PNL-27	(1,3)								
			3#4/0,#1G	PNL-27	(5,7)								
			4#2, 1#2G	PNL-27	9,11								
21081	PVC	1[4"]	BY NVE	2			EXISTING UTILITY TRANSFORMER	SEE PLANS	Service Meter MM-16	SEE PROJECT NEON METER MAIN SCHEDULE	38	LT23	
21082	PVC	2[4"] E. w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 422-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-32	SEE PROJECT NEON PANELBOARD SCHEDULE	135	LT12	
	PVC	1[3"]	6#1, 1#2G	PNL-32	(1,3) (5,7)								
			4#2, 1#2G	PNL-32	9,11								
21083	PVC	1[4"]	3#600, 1#2G	SP-23			Service Meter MM-23	SEE PROJECT NEON METER MAIN SCHEDULE	Panelboard PNL-28	SEE PROJECT NEON PANELBOARD SCHEDULE	387	LT29	
21084	PVC	1[3"]	3#600, 1#2G	MM-21			No. 7 Pullbox 630-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-26	SEE PROJECT NEON PANELBOARD SCHEDULE	183	LT26	
21085	PVC	1[4"]	3#600, 1#2G	SP-08			No. 7 Pullbox 503-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 503-B	SEE PROJECT NEON PULL BOX SCHEDULE	86	LT18	
	PVC	1[4"]	3#600, 1#2G	SP-08									
21086	PVC	1[4"]	3#600, 1#2G	SP-08			No. 7 Pullbox 503-B	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 Pullbox 504-A	SEE PROJECT NEON PULL BOX SCHEDULE	118	LT18	
	PVC	1[4"]	3#600, 1#2G	SP-08									
21087	PVC	1[4"]	3#600, 1#2G	SP-08			No. 7 Pullbox 509-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-18	SEE PROJECT NEON PANELBOARD SCHEDULE	61	LT18	
	PVC	1[3"]	6#1/0, 1#1G	PNL-18	(1,3) (5,7)								
			4#2, 1#2G	PNL-18	9,11								
21088	PVC	1[4"]	3#600, 1#2G	MM-15		ITS	No. 7 PULLBOX 533-B	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-20	SEE PROJECT NEON PANELBOARD SCHEDULE	48	LT20	
21089	PVC	1[4"]	BY NVE				Meter Service MM-15	SEE PROJECT NEON METER MAIN SCHEDULE	EXISTING NVE XFMR	SEE PLANS	92	LT20	
21090	PVC	1[4"]	3#600, 1#2G	MM-13			No. 7 PULLBOX 450-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-29	SEE PROJECT NEON PANELBOARD SCHEDULE	23	LT14	
21092	PVC	2[4"] E. w/	3#600, 1#2G	MM-15		ITS	PULL BOX 14g	SEE ITS PLANS	Panelboard PNL-24	SEE PROJECT NEON PANELBOARD SCHEDULE	26	LT25	
	PVC	1[3"]	6#4/0, 1#2/0G	PNL-24	(1,3) (5,7)								
			4#2, 1#2G	PNL-24	9,11								
21093	PVC	1[4"]	3#600, 1#2G	MM-15			No. 7 PULLBOX 533-B	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 533-A	SEE PROJECT NEON PULL BOX SCHEDULE	300	LT20	
21094	PVC	1[4"]	3#600, 1#2G	MM-15			No. 7 PULLBOX 533-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-51	SEE PROJECT NEON PANELBOARD SCHEDULE	164	LT20	

3

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- SCHEDULE NOTES -

1. MATCH EXISTING SIZE PER FIELD VERIFICATION.
2. EXTEND FROM EXISTING LOCATION. PROVIDE NEW WIRE FROM EXISTING LIGHT AT "Le" 451+15.

NO.	DESCRIPTION	DATE
3	AS-BUILTS - CCO #34	05/01/19
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT46	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

LIGHTING
CONDUIT SCHEDULE

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DESIGNED BY	ZJ
DRAWN BY	TJT
CHECKED BY	KP
REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT47

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21095	PVC	1[3"]	6#2, 1#4G	PNL-51	(1,3) (5,7)	ITS	Panelboard PNL-51	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 9d	SEE ITS PLANS	59	LT20	
			4#4, 1#4G	PNL-51	9, 11								
21096	PVC	1[3"]	6#2, 1#4G	PNL-51	(1,3) (5,7)	ITS	PULL BOX 9d	SEE ITS PLANS	PULL BOX 9e	SEE ITS PLANS	62	LT20	
			4#4, 1#4G	PNL-51	9, 11								
21097	PVC	1[3"]	6#2, 1#4G	PNL-51	(1,3) (5,7)	ITS	PULL BOX 9e	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	14	LT20	
			4#4, 1#4G	PNL-51	9, 11								
21098	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 422-B	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 422-A	SEE PROJECT NEON PULL BOX SCHEDULE	270	LT12	
21099	PVC	2[4"] E w./	3#600, 1#2G	SP-22			No. 7 PULLBOX 654-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 650-A	SEE PROJECT NEON PULL BOX SCHEDULE	398	LT28	
	PVC	1[2"]	2#10, 1#10G	SP-22	(15,17)								
21101	PVC	1[4"]	BY NVE				UTILTY TRANSFORMER @ 474+55	SEE PLANS	Meter Service MM-14	SEE PROJECT NEON METER MAIN SCHEDULE	22	LT16	
21103	PVC	1[4"]	3#600, 1#2G	SP-01			No. 7 PULLBOX 421-A	SEE PROJECT NEON PULL BOX SCHEDULE	Panelboard PNL-13	SEE PROJECT NEON PANELBOARD SCHEDULE	84	LT12	
	PVC	1[3"]	6#1/0, 1#1G	PNL-13	(1,3) (5,7)								
			4#2, 1#2G	PNL-13	9,11								
21105	PVC	1[3"]	6#2, 1#4G	PNL-20	(1,3) (5,7)	ITS	PULL BOX 9j	SEE ITS PLANS	PULL BOX 9k	SEE ITS PLANS	133	LT20	
			4#4, 1#4G	PNL-20	9, 11								
21107	PVC	1[3"]	3#1/0, 1#2G	PNL-14	(1,3)		PULL BOX 3m	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	21	LT14	
			4#2, 1#2G	PNL-14	9,11								
21108	PVC	1[3"]	6#2, 1#4G	PNL-26	(1,3) (5,7)		PULL BOX 15c	SEE ITS PLANS	PULL BOX 15d	SEE ITS PLANS	177	LT26	
			4#2, 1#2G	PNL-26	9,11								
	PVC	1[2"]	2#10, 1#10G	PNL-26	(12,14)								
21109	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(1,3)	ITS	PULL BOX 5k	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	26	LT16	
			4#1, 1#1G	PNL-16	9,11								
	PVC	1[3"]	3#250, 1#4/0G	PNL-16	(5,7)								
	PVC	1[2"]	2#10, 1#10G	PNL-16	(12,14)								
21110	PVC	1[3"]	6#1/0, 1#1G	PNL-17	(1,3) (5,7)		PULL BOX 6e	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	20	LT17	
			4#4, 1#4G	PNL-17	9,11								
21111	PVC	1[3"]	6#2, 1#4G	PNL-19	(1,3) (5,7)		PULL BOX 7q	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	15	LT18	
			4#4, 1#4G	PNL-19	9,11								
21112	PVC	1[3"]	6#1/0, 1#1G	PNL-18	(1,3) (5,7)	ITS	PULL BOX 7h	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	19	LT18	
			4#2, 1#2G	PNL-18	9,11								
21113	PVC	1[3"]	6#2, 1#4G	PNL-20	(1,3) (5,7)	ITS	PULL BOX 9l	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	15	LT20	
			4#4, 1#4G	PNL-20	9, 11								
21115	PVC	1[4"]	3#600, 1#2G	MM-12		ITS	PULL BOX 10h	SEE ITS PLANS	Panelboard PNL-52	SEE PROJECT NEON PANELBOARD SCHEDULE	27	LT21	
	PVC	1[3"]	6#1, 1#2G	PNL-52	(1,3) (5,7)								
			4#2, 1#2G	PNL-52	9,11								
21116	PVC	1[4"]	3#600, 1#2G	MM-12		ITS	PULL BOX 10h	SEE ITS PLANS	PULL BOX 10g	SEE ITS PLANS	273	LT21	
	PVC	1[3"]	6#1, 1#2G	PNL-52	(1,3) (5,7)								
			4#2, 1#2G	PNL-52	9, 11								

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT47	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT48

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21117	PVC	1[3"]	6#1, 1#2G	PNL-52	(1,3) (5,7)	ITS	PULL BOX 10g	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	16	LT21	
			4#2, 1#2G	PNL-52	9, 11								
21118	PVC	1[4"]	3#600, 1#2G	MM-12			No. 7 PULLBOX 559-B	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 10g	SEE ITS PLANS	29	LT21	
21119	PVC	1[3"]	6#1, 1#2G	PNL-21	(1,3) (5,7)	ITS	PULL BOX 10j	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	14	LT21	
			4#4, 1#4G	PNL-21	9, 11								
21120	PVC	1[3"]	6#2, 1#4G	PNL-22	(1,3) (5,7)	ITS	PULL BOX 12d	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	18	LT23	
			4#4, 1#4G	PNL-22	9, 11								
21121	PVC	1[3"]	6#1, 1#2G	PNL-23	(1,3) (5,7)	ITS	PULL BOX 12f	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	17	LT23	
			4#4, 1#4G	PNL-23	9, 11								
21122	PVC	2[4"] E.w/	3#600, 1#2G	SP-17			No. 7 PULLBOX 602-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 605-A	SEE PROJECT NEON PULL BOX SCHEDULE	293	LT24 LT25	
21123	PVC	2[4"] E. w/	3#600, 1#2G	SP-17			No. 7 PULLBOX 605-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 608-A	SEE PROJECT NEON PULL BOX SCHEDULE	284	LT25	
21124	PVC	2[4"] E. w/	3#600, 1#2G	SP-17			No. 7 PULLBOX 608-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 14c	SEE ITS PLANS	310	LT25	
21125	PVC	2[4"] E.w/	3#600, 1#2G	SP-17			PULL BOX 14c	SEE ITS PLANS	PULL BOX 14d	SEE ITS PLANS	186	LT25	
21126	PVC	1[3"]	6#2, 1#4G	PNL-26	(1,3) (5,7)	ITS	PULL BOX 15d	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	16	LT26	
			4#2, 1#2G	PNL-26	9, 11								
	PVC	1[2"]	2#10, 1#10G	PNL-26	(12,14)								
21127	PVC	1[3"]	3-250MCM,#1G	PNL-27	(1,3)	ITS	No. 7 PULLBOX 650-A	SEE PROJECT NEON PULL BOX SCHEDULE	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	18	LT28	
			3#4/0	PNL-27	(5,7)								
			4#2, 1#2G	PNL-27	9,11								
	PVC	1[2"]	2#10, 1#10G	SP22	(15,17)								
21128	PVC	2[4"] E w./	3#600, 1#2G	SP-22	2		SERVICE PEDESTAL SP-22	SEE PROJECT NEONSERVICE PEDESTAL PANEL SCHEDULE	No. 7 PULLBOX 654-A	SEE PROJECT NEON PULL BOX SCHEDULE	195	LT28	
	PVC	1[2"]	2#10, 1#10G	SP-22	(15,17)								
21129	PVC	1[3"]	6#4, 1#6G	PNL-28	(1,3) (5,7)	ITS	PULL BOX 18n	SEE ITS PLANS	DMS Connection RT	SEE PROJECT NEON ATM SCHEDULE	19	LT29	
			4#6, 1#6G	PNL-28	9, 11								
21130	PVC	1[3"]	6#2, 1#4G	PNL-20	(1,3) (5,7)		Panelboard PNL-20	SEE PROJECT NEON PANELBOARD SCHEDULE	PULL BOX 9j	SEE ITS PLANS	24	LT20	
			4#4, 1#4G	PNL-20	9, 11								
21132	PVC	1[4"]	3#600, 1#2G	SP-08			PULL BOX 7p	SEE ITS PLANS	Panelboard PNL-19	SEE PROJECT NEON PANELBOARD SCHEDULE	14	LT18	
	PVC	1[3"]	6#2, 1#4G	PNL-19	(1,3) (5,7)								
			4#4, 1#4G	PNL-19	9,11								
21133	PVC	1[3"]	6#1, 1#2G	PNL-15	(1,3) (5,7)	ITS	PULL BOX 5h	SEE ITS PLANS	DMS Connection LT	SEE PROJECT NEON ATM SCHEDULE	16	LT16	
			4#2, 1#2G	PNL-15	9,11								

NO.	DESCRIPTION	DATE
2	FDC 1169 - DMS MODIFICATIONS	08/18/17
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT48	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT49

CONDUIT SCHEDULE

CONDUIT NO.	TYPE	CONDUIT	CABLE SIZE	CIRCUIT		TRENCH WITH	FROM		TO		LENGTH (FT)	DWG NO.	NOTES
				PEDESTAL	POLE		NODE	LOCATION	NODE	LOCATION			
21134	PVC	2[4"] E.w/	3#600, 1#2G	SP-17		ITS	PULL BOX 14d	SEE ITS PLANS	PULL BOX 14f	SEE ITS PLANS	54	LT25	
21135	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			PULL BOX 1l	SEE ITS PLANS	No. 7 PULLBOX 422-B	SEE PROJECT NEON PULL BOX SCHEDULE	39	LT12	
21136	PVC	2[4"] E.w/	3#600, 1#2G	SP-01			No. 7 PULLBOX 421-A	SEE PROJECT NEON PULL BOX SCHEDULE	PULL BOX 1l	SEE ITS PLANS	130	LT12	
	PVC	1[3"]	6#1/0, 1#1G	PNL-13	(1,3) (5,7)								
			4#2, 1#2G	PNL-13	9,11								
21137	PVC	1[3"]	6#2, 1#4G	PNL-19	(1,3) (5,7)	ITS	PULL BOX 7p	SEE ITS PLANS	PULL BOX 7o	SEE ITS PLANS	127	LT18	
			4#4, 1#4G	PNL-19	9,11								
21138	PVC	1[4"]	3#600, 1#2G	SP-14			No. 7 PULLBOX 582-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 585-A	SEE PROJECT NEON PULL BOX SCHEDULE	312	LT23	
21139	PVC	1[4"]	3#600, 1#2G	SP-14			No. 7 PULLBOX 585-A	SEE PROJECT NEON PULL BOX SCHEDULE	SERVICE PEDESTAL SP-14	SEE PROJECT NEONSERVICE PEDESTAL PANEL SCHEDULE	124	LT23	
21140	PVC	1[4"]	BY NVE				NVE Vault	See Plans	Meter Service MM-21	SEE PROJECT NEON METER MAIN SCHEDULE	78	LT26	
21141	PVC	1[4"]	3#600, 1#2G	MM-21			Meter Service MM-21	SEE PROJECT NEON METER MAIN SCHEDULE	No. 7 PULLBOX 627-A	SEE PROJECT NEON PULL BOX SCHEDULE	255	LT26	
21142	PVC	1[4"]	3#600, 1#2G	MM-21			No. 7 PULLBOX 627-A	SEE PROJECT NEON PULL BOX SCHEDULE	No. 7 PULLBOX 630-A	SEE PROJECT NEON PULL BOX SCHEDULE	309	LT26	

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT49	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT50

PROJECT NEON ATM SCHEDULE

TAG#	NODE	STATION	OFFSET	NODE	STATION	OFFSET	SHEET
ATM Le 422+00	DMS 2 CONNECTION RT	Le STA 422+00	SEE ITS PLANS	DMS 2 CONNECTION LT	Le STA 422+00	SEE ITS PLANS	LT12
ATM Le 422+15	DMS 1 CONNECTION RT	Le STA 422+15	SEE ITS PLANS	DMS 1 CONNECTION LT	Le STA 422+15	SEE ITS PLANS	LT12
ATM Le 446+10	DMS 3 CONNECTION RT	Le STA 446+10	SEE ITS PLANS	DMS 3 CONNECTION LT	Le STA 446+10	SEE ITS PLANS	LT14
ATM Le 453+22	DMS 4 CONNECTION RT	Le STA 453+22	SEE ITS PLANS	DMS 4 CONNECTION LT	Le STA 453+22	SEE ITS PLANS	LT14
ATM Le 472+30	DMS 5 CONNECTION RT	Le STA 472+30	SEE ITS PLANS	DMS 5 CONNECTION LT	Le STA 472+30	SEE ITS PLANS	LT16
ATM Le 483+00	DMS 6 CONNECTION RT	Le STA 482+85	SEE ITS PLANS	DMS 6 CONNECTION LT	Le STA 482+85	SEE ITS PLANS	LT16
ATM Le 491+30	DMS 7 CONNECTION RT	Le STA 491+30	SEE ITS PLANS	DMS 7 CONNECTION LT	Le STA 491+30	SEE ITS PLANS	LT17
ATM Le 508+85	DMS 9 CONNECTION RT	Le STA 508+85	SEE ITS PLANS	DMS 9 CONNECTION LT	Le STA 508+85	SEE ITS PLANS	LT18
ATM Le 509+00	DMS 8 CONNECTION RT	Le STA 509+00	SEE ITS PLANS	DMS 8 CONNECTION LT	Le STA 509+00	SEE ITS PLANS	LT18
ATM Le 534+95	DMS 11 CONNECTION RT	Le STA 534+95	SEE ITS PLANS	DMS 11 CONNECTION LT	Le STA 534+95	SEE ITS PLANS	LT20
ATM Le 535+25	DMS 10 CONNECTION RT	Le STA 535+25	SEE ITS PLANS	DMS 10 CONNECTION LT	Le STA 535+25	SEE ITS PLANS	LT20
ATM Le 558+92	DMS 12 CONNECTION RT	Le STA 558+92	SEE ITS PLANS	DMS 12 CONNECTION LT	Le STA 558+92	SEE ITS PLANS	LT21
ATM Le 559+07	DMS 13 CONNECTION RT	Le STA 559+07	SEE ITS PLANS	DMS 13 CONNECTION LT	Le STA 559+07	SEE ITS PLANS	LT21
ATM Le 579+00	DMS 14 CONNECTION RT	Le STA 579+00	SEE ITS PLANS	DMS 14 CONNECTION LT	Le STA 579+00	SEE ITS PLANS	LT23
ATM Le 582+95	DMS 15 CONNECTION RT	Le STA 582+95	SEE ITS PLANS	DMS 15 CONNECTION LT	Le STA 582+95	SEE ITS PLANS	LT23
ATM Le 613+50	DMS 16 CONNECTION RT	Le STA 613+50	SEE ITS PLANS	DMS 16 CONNECTION LT	Le STA 613+50	SEE ITS PLANS	LT25
ATM Le 611+00	DMS 17 CONNECTION RT	Le STA 611+00	SEE ITS PLANS	DMS 17 CONNECTION LT	Le STA 611+00	SEE ITS PLANS	LT25
ATM Le 630+25	DMS 18 CONNECTION RT	Le STA 630+25	SEE ITS PLANS	DMS 18 CONNECTION LT	Le STA 630+25	SEE ITS PLANS	LT26
ATM Le 650+72	DMS 19 CONNECTION RT	Le STA 650+72	SEE ITS PLANS	DMS 19 CONNECTION LT	Le STA 650+72	SEE ITS PLANS	LT28
ATM Le 667+75	DMS 20 CONNECTION RT	Le STA 667+75	SEE ITS PLANS	DMS 20 CONNECTION LT	Le STA 667+75	SEE ITS PLANS	LT29

PROJECT NEON METER MAIN SCHEDULE

TAG#	STATION	OFFSET	SHEET
MM-12	LE STA 557+99	154.07 LT	LT21
MM-13	LE STA 453+41.66	416.73 LT	LT14
MM-14	LE STA 474+39.05	212.25 RT	LT16
MM-15	LE STA 539+57.81	135.46 RT	LT20
MM-16	LE STA 581+20	138.06 RT	LT23
MM-21	LE STA 625+28	226.4 LT	LT26
MM-23	LE STA 665+84	253.85 LT	LT29

PROJECT NEON SERVICE PEDESTAL SCHEDULE

TAG#	STATION	OFFSET	SHEET
SP-1	LE STA 413+28	163.20 RT	LT12
SP-7	LE STA 493+24	159.55 LT	LT17
SP-8	LE STA 503+28	306.69 RT	LT18
SP-14	LE STA 586+85	119.25 LT	LT23
SP-17	LE STA 601+75	123.02 LT	LT24
SP-20	LE STA 608+37	145.86 RT	LT25
SP-22	LE STA 656+61	165.8LT	LT28

PROJECT NEON PANEL SCHEDULE

Name	Station	Offset	Sheet
PNL-13	LE STA 420+56	150.56 RT	LT12
PNL-14	LE STA 450+32	95.57 LT	LT14
PNL-15	LE STA 474+51	99.92 RT	LT16
PNL-16	LE STA 474+90	99.87 RT	LT16
PNL-17	LE STA 493+45	149.77 LT	LT17
PNL-18	LE STA 510+18	109.01 LT	LT18
PNL-19	LE STA 506+90	106.92 RT	LT18
PNL-20	LE STA 533+43	142.69 RT	LT20
PNL-21	LE STA 560+74	133.70 LT	LT21
PNL-22	LE STA 580+3	92.82 LT	LT23
PNL-23	LE STA 579+78	144.52 RT	LT23
PNL-24	LE STA 614+88	141.60 LT	LT25
PNL-25	LE STA 608+58	147.71 RT	LT25
PNL-26	LE STA 632+38	200.43 LT	LT26
PNL-27	LE STA 647+86	116.20 LT	LT27
PNL-28	LE STA 669+25	100.54 LT	LT29
PNL-29	LE STA 450+67	95.57 LT	LT14
PNL-32	LE STA 423+82	166.96 LT	LT12
PNL-51	LE STA 534+67	149.36 LT	LT20
PNL-52	LE STA 555+98	91.09 RT	LT21

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT50	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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DEVICE SCHEDULES

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Fax: 702/263-7200
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DRAWN BY TJT
CHECKED BY KP
REVIEWED BY MG

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pw:\\SUSD036343.wsatkins.com:ATKNANV01\Documents\Roads and Bridges\Projects\100047698 NEON FD\Engineering\016_SignalsLighting\DGN\Sheets\Segment 2\S2-01_I-15 South of Sahara\73652-S2-01-PKE-sht16LT50

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT51

PROJECT NEON PULL BOX SCHEDULE

DU#	PAGE#	TAG#	STATION+OFFSET			RT/LT	DESCRIPTION	LTG / ITS / ATM	TYPE	COMMENTS
S2-01	LT12	414-A	"Le"	414+96	155.74	RT	PULL BOX	ITS	7	
S2-01	LT12	418-A	"Le"	418+75	182.96	RT	PULL BOX	ITS	7	
S2-01	LT12	420-A	"Le"	420+65	231.71	RT	PULL BOX	ITS	7	
S2-01	LT12	421-A	"Le"	421+22	192.36	RT	PULL BOX	ITS	7	
S2-01	LT12	422-A	"Le"	422+54	151.5	LT	PULL BOX	ITS	7	
S2-01	LT12	422-B	"Le"	422+54	112.19	RT	PULL BOX	ITS	7	
S2-01	LT14	450-A	"Le"	450+53	99.29	LT	PULL BOX	ITS	7	
S2-01	LT14	451-A	"Le"	451+25	236.09	LT	PULL BOX	ITS	7	
S2-01	LT14	452-A	"Le"	452+14	391.82	LT	PULL BOX	ITS	7	
S2-01	LT16	474-A	"Le"	474+21	109.12	RT	PULL BOX	ITS	7	
S2-01	LT16	478-A	"Le"	478+10	110.74	RT	PULL BOX	ITS	7	
S2-01	LT18	503-A	"Le"	503+46	253.7	RT	PULL BOX	ITS	7	
S2-01	LT18	503-B	"Le"	503+99	193.5	RT	PULL BOX	ITS	7	
S2-01	LT18	504-A	"Le"	504+66	103.85	RT	PULL BOX	ITS	7	
S2-01	LT18	509-A	"Le"	509+66	98.67	LT	PULL BOX	ITS	7	
S2-01	LT18	509-B	"Le"	509+67	107.78	RT	PULL BOX	ITS	7	
S2-01	LT20	533-A	"Le"	533+11	141.79	LT	PULL BOX	ITS	7	
S2-01	LT20	533-B	"Le"	533+84	142.6	RT	PULL BOX	ITS	7	
S2-01	LT20	537-A	"Le"	537+61	141.82	RT	PULL BOX	ITS	7	
S2-01	LT21	559-A	"Le"	559+04	152.92	LT	PULL BOX	ITS	7	
S2-01	LT21	559-B	"Le"	559+04	96.3	RT	PULL BOX	ITS	7	
S2-01	LT23	580-A	"Le"	580+06	141.59	LT	PULL BOX	ITS	7	
S2-01	LT23	581-A	"Le"	581+50	127.02	RT	PULL BOX	ITS	7	
S2-01	LT23	582-A	"Le"	582+65	126.84	LT	PULL BOX	ITS	7	
S2-01	LT23	585-A	"Le"	585+69	126.31	LT	PULL BOX	ITS	7	
S2-01	LT24	602-A	"Le"	602+56	123.75	LT	PULL BOX	ITS	7	
S2-01	LT25	605-A	"Le"	605+43	131.58	LT	PULL BOX	ITS	7	
S2-01	LT25	608-A	"Le"	608+20	127.19	LT	PULL BOX	ITS	7	
S2-01	LT26	627-A	"Le"	627+72	196.08	LT	PULL BOX	ITS	7	
S2-01	LT26	630-A	"Le"	630+75	178.85	LT	PULL BOX	ITS	7	
S2-01	LT27	648-A	"Le"	648+19	128.39	LT	PULL BOX	ITS	7	
S2-01	LT28	650-A	"Le"	650+85	123.40	LT	PULL BOX	ITS	7	
S2-01	LT28	654-A	"Le"	654+74	169.67	LT	PULL BOX	ITS	7	

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT51	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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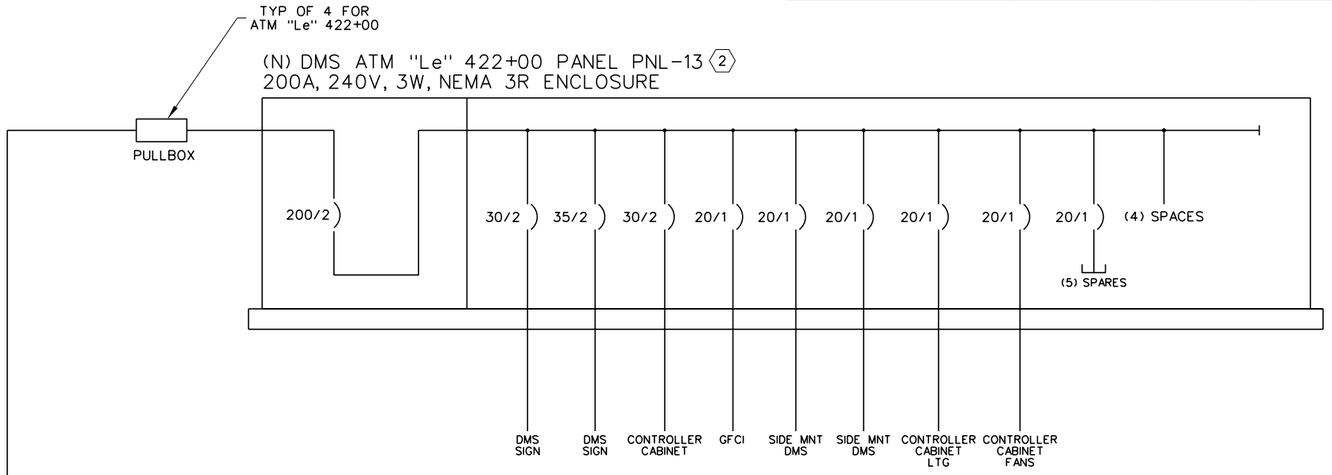
DESIGNED BY ZJ
DRAWN BY TJT
CHECKED BY KP
REVIEWED BY MG

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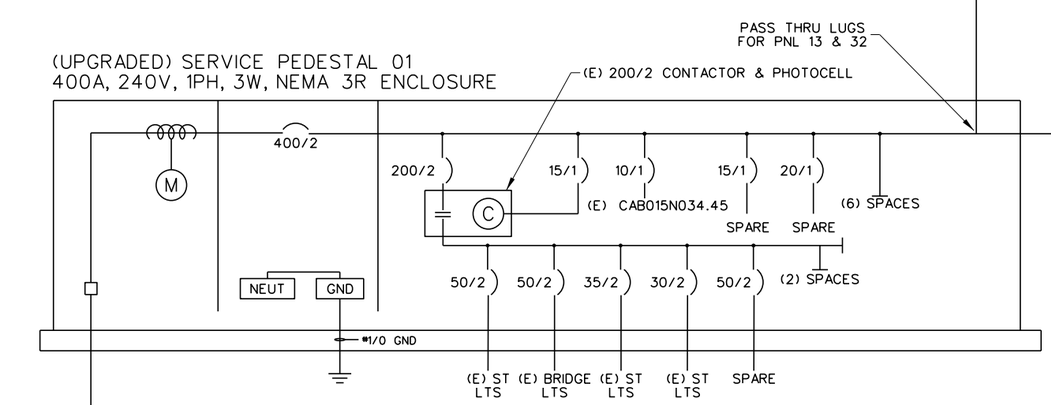
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT52

- KEY NOTES -

1. NOT USED.
2. REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



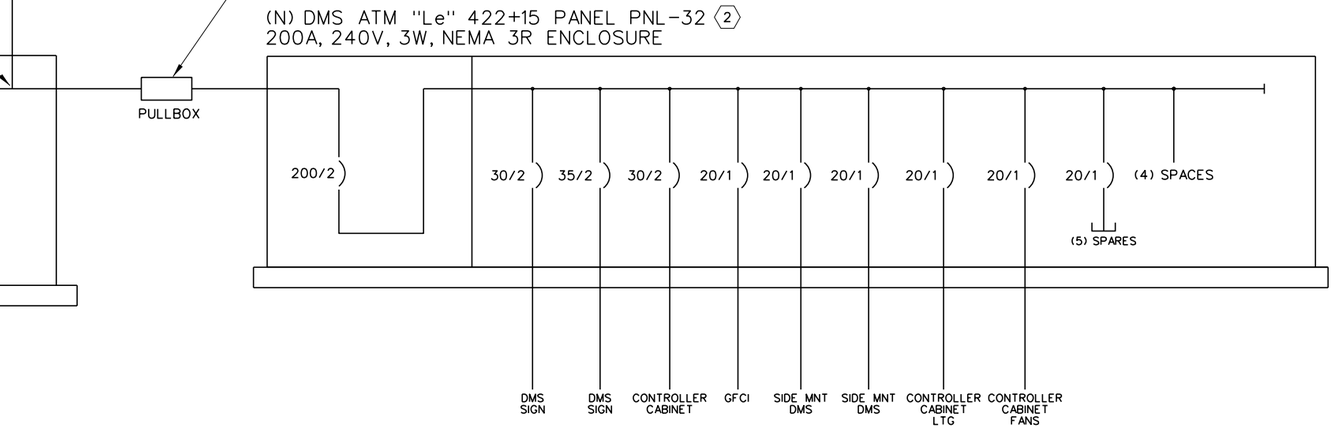
ONELINE DIAGRAM



2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

ONELINE DIAGRAM



ONELINE DIAGRAM

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT52	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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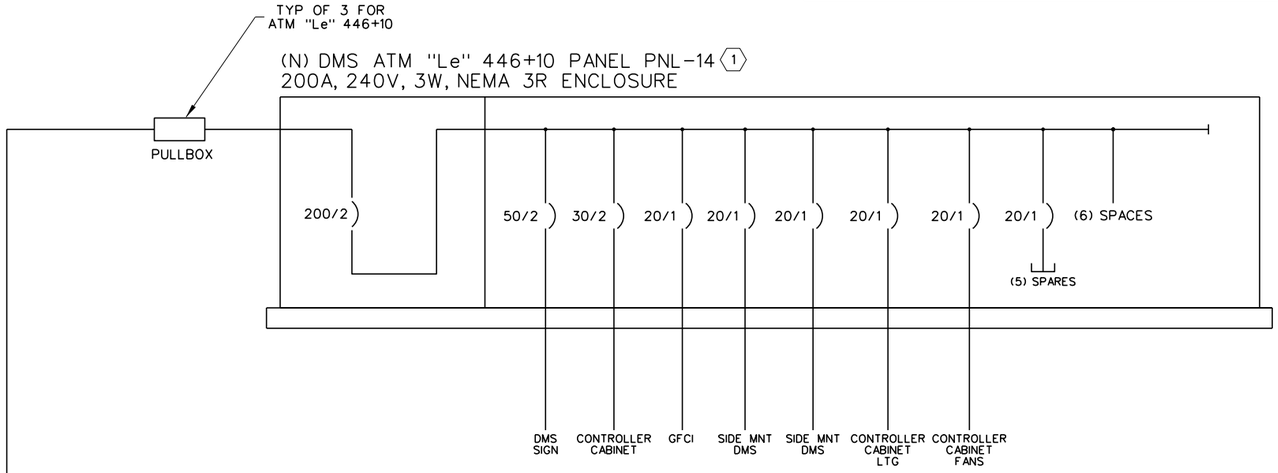
DESIGNED BY	ZJ
DRAWN BY	BLD
CHECKED BY	KP
REVIEWED BY	MG

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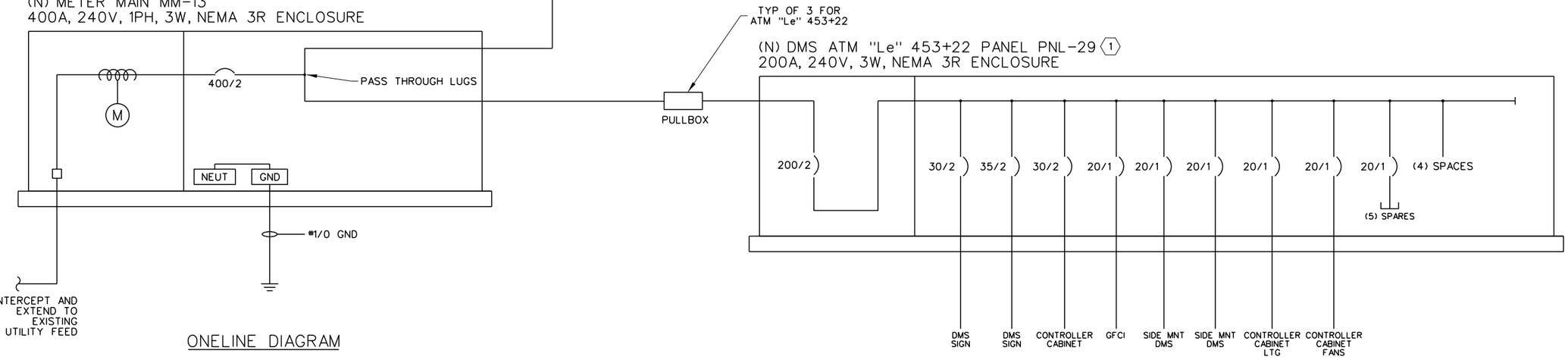
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT53

- KEY NOTES -

(1) REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM



ONELINE DIAGRAM

ONELINE DIAGRAM

(2) PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT53	12/20/2016

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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DEPARTMENT OF TRANSPORTATION

ONELINE DIAGRAMS

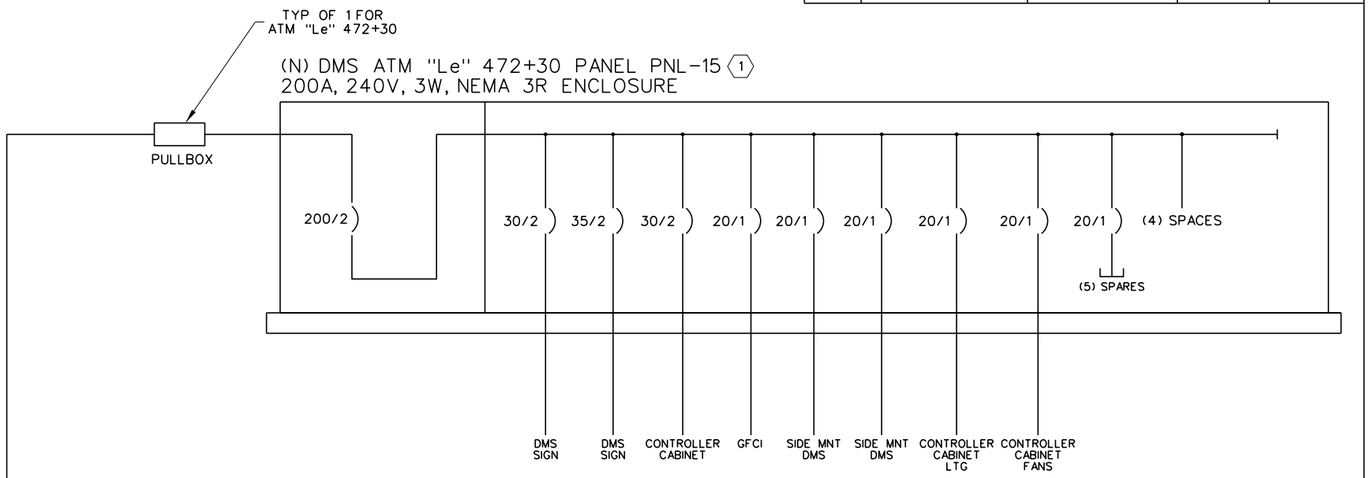
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REVIEWED BY	MG

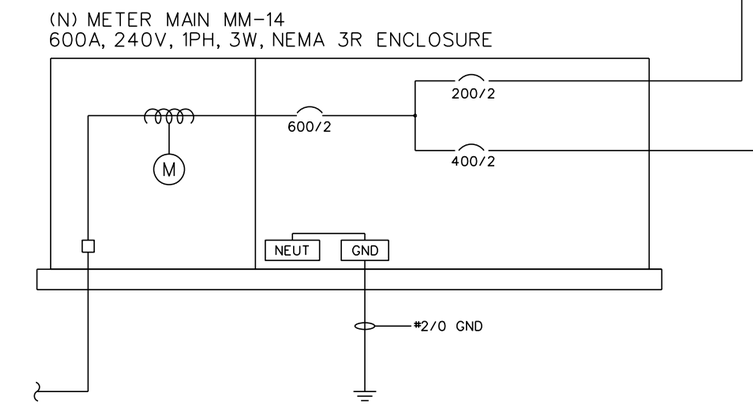
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT54

- KEY NOTES -

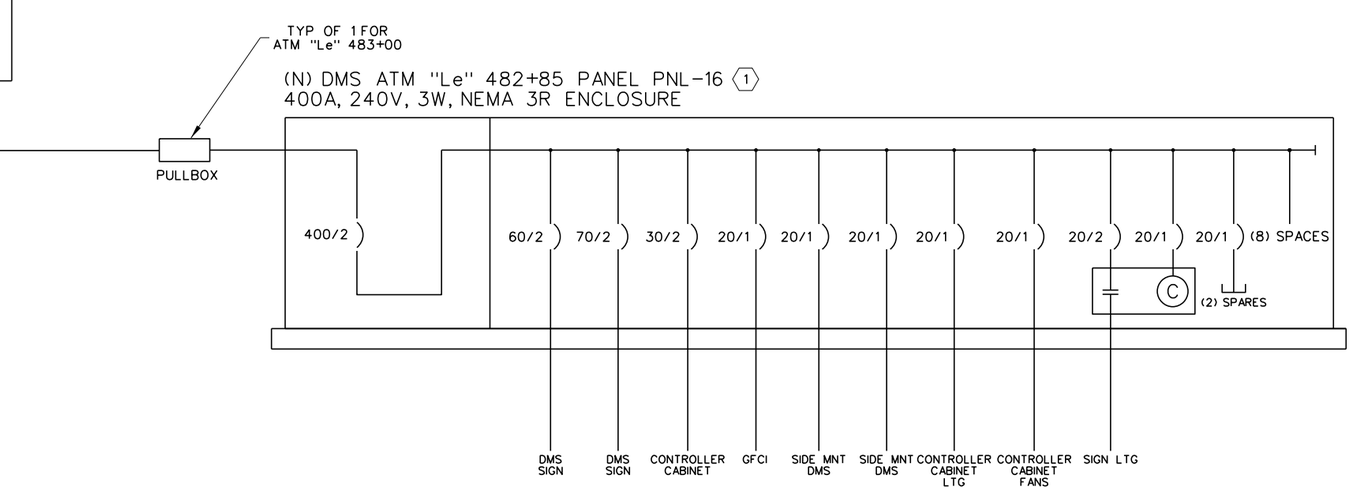
(1) REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM



ONELINE DIAGRAM



ONELINE DIAGRAM

(2) PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34 - REVISED ATM SCOPE OF WORK	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT54	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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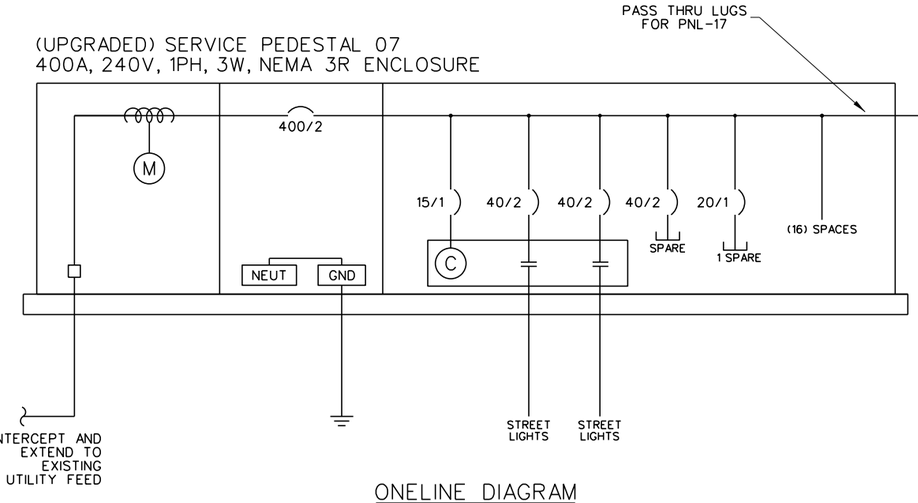
DESIGNED BY ZJ
DRAWN BY BLD
CHECKED BY KP
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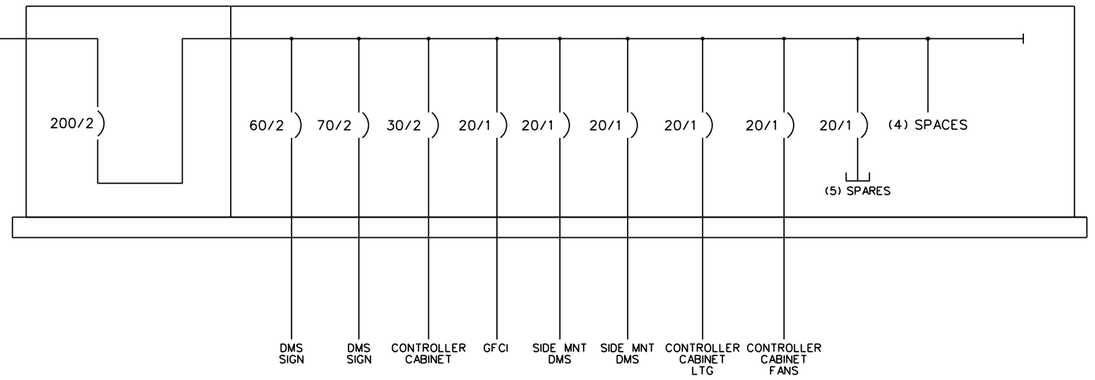
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT55

- KEY NOTES -

1. NOT USED.
2. REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM



ONELINE DIAGRAM

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT55	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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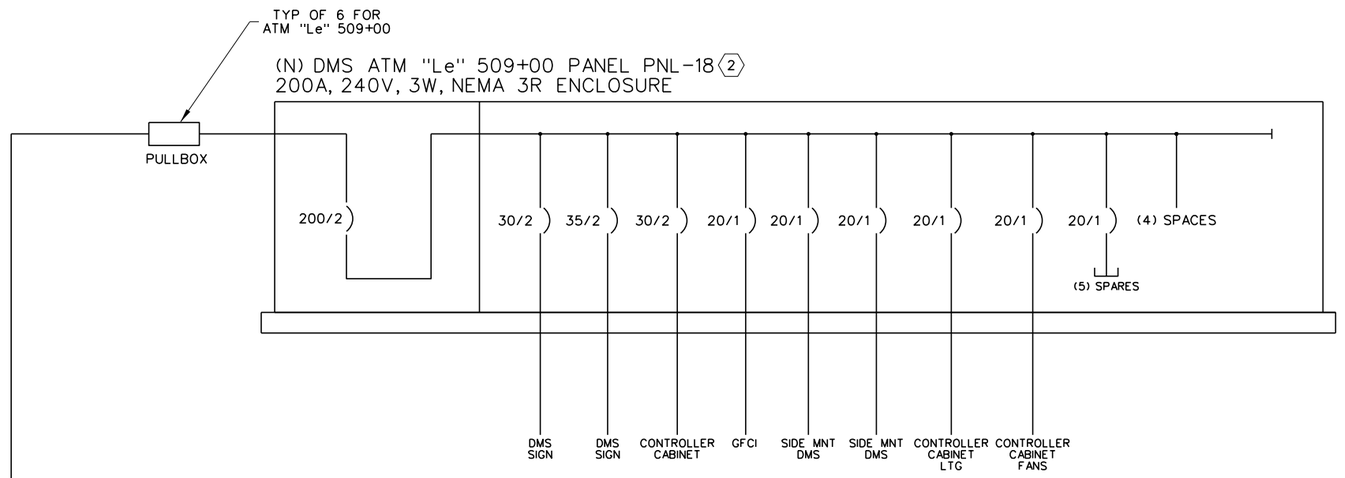
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DRAWN BY	BLD
CHECKED BY	KP
REVIEWED BY	MG

10/15/2019
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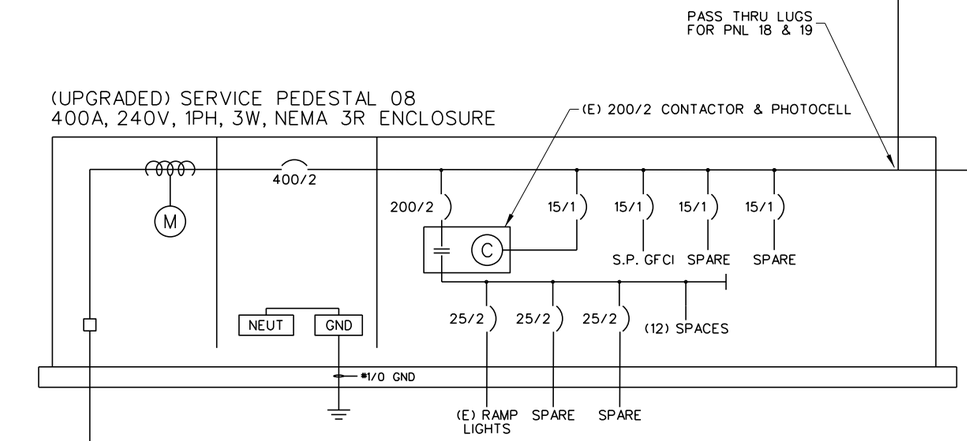
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT56

- KEY NOTES -

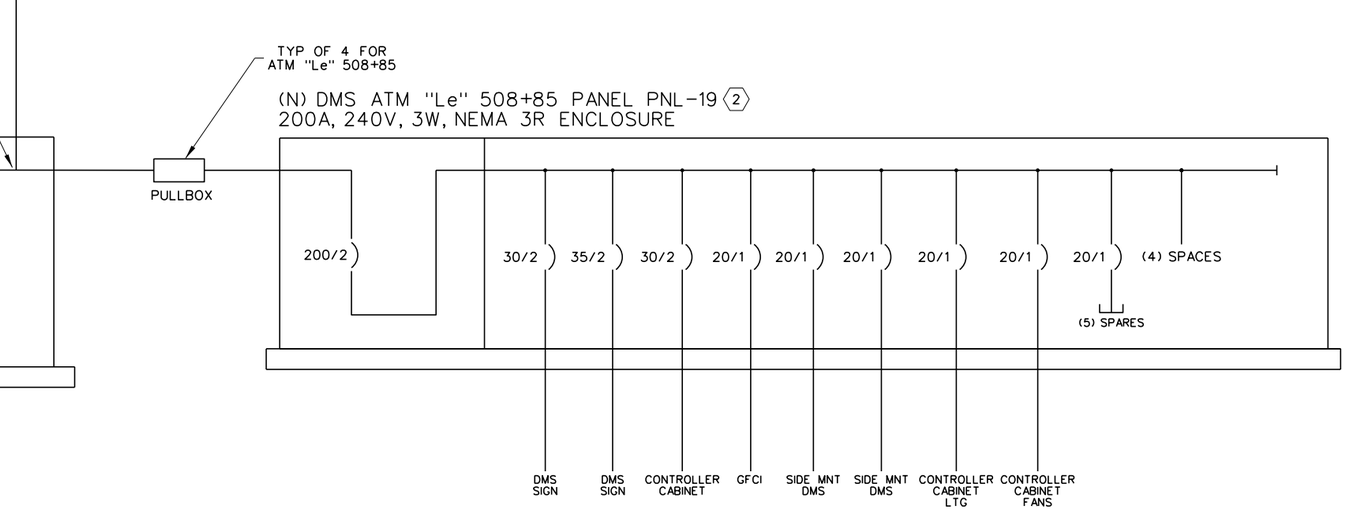
1. NOT USED.
2. REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM



ONELINE DIAGRAM



ONELINE DIAGRAM

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT56	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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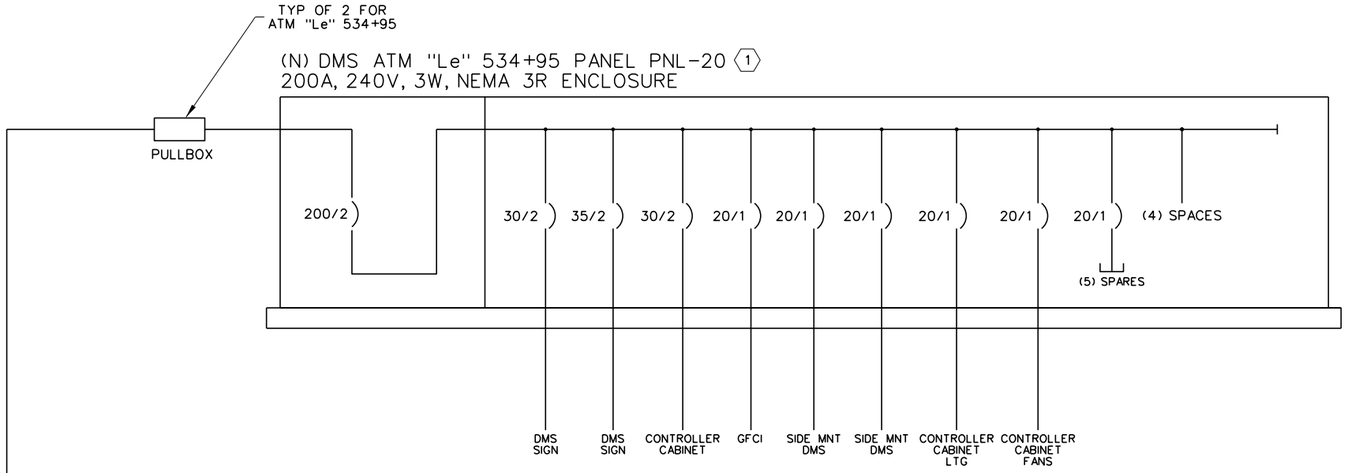
DESIGNED BY	ZJ
DRAWN BY	BLD
CHECKED BY	KP
REVIEWED BY	MG

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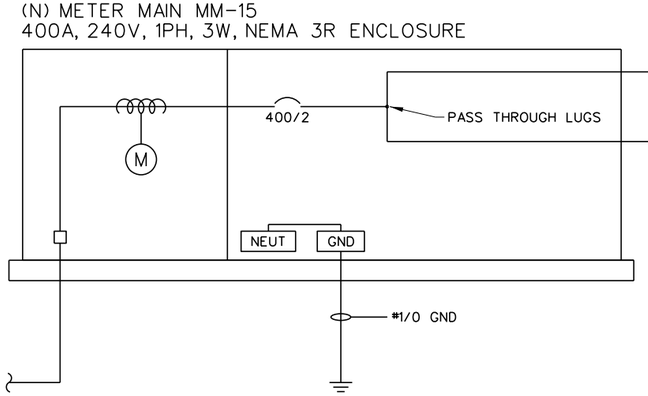
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT57

- KEY NOTES -

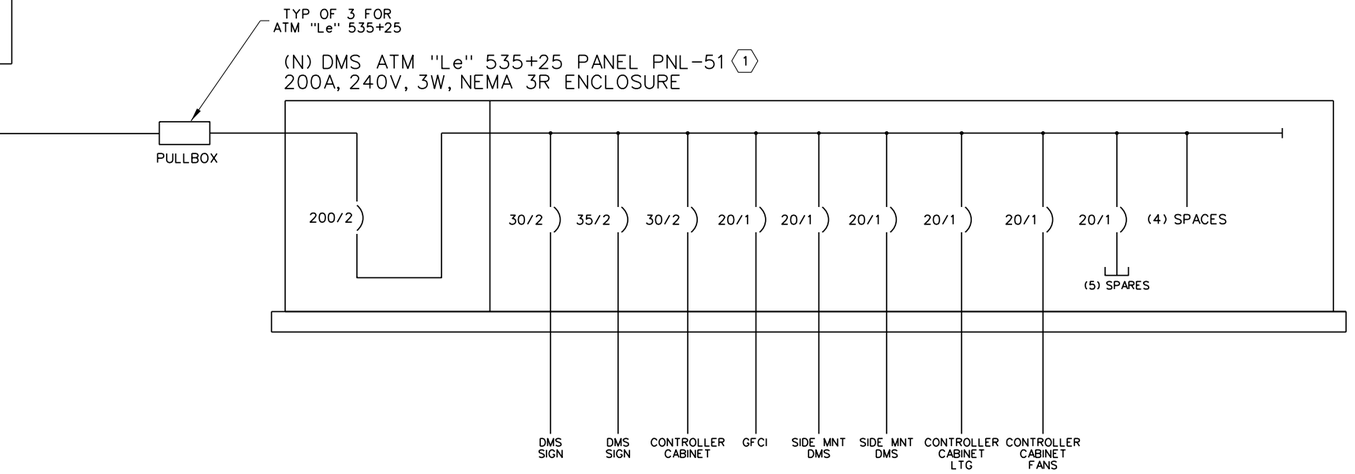
(1) REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM



ONELINE DIAGRAM



ONELINE DIAGRAM

(2) PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT57	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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ONELINE DIAGRAMS

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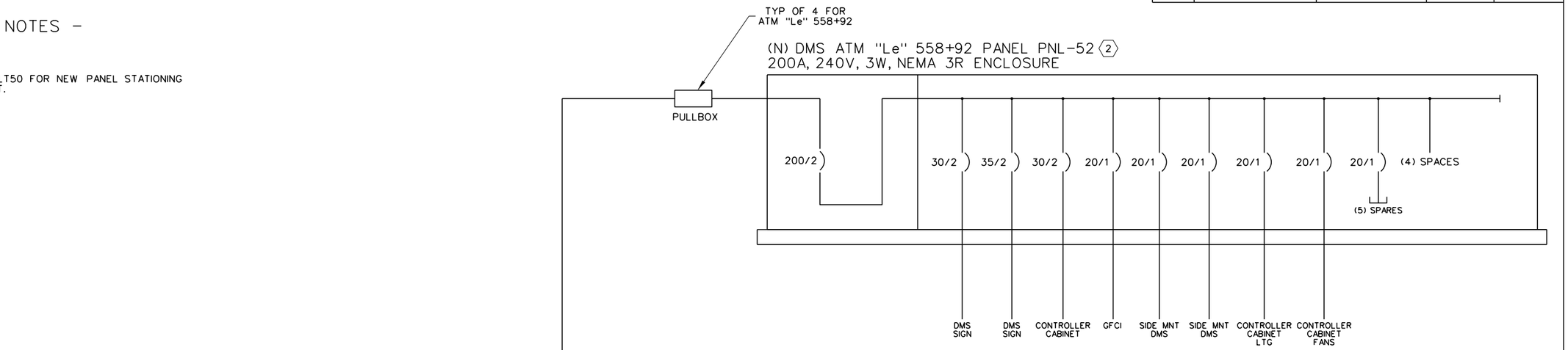
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DRAWN BY	BLD
CHECKED BY	KP
REVIEWED BY	MG

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT58

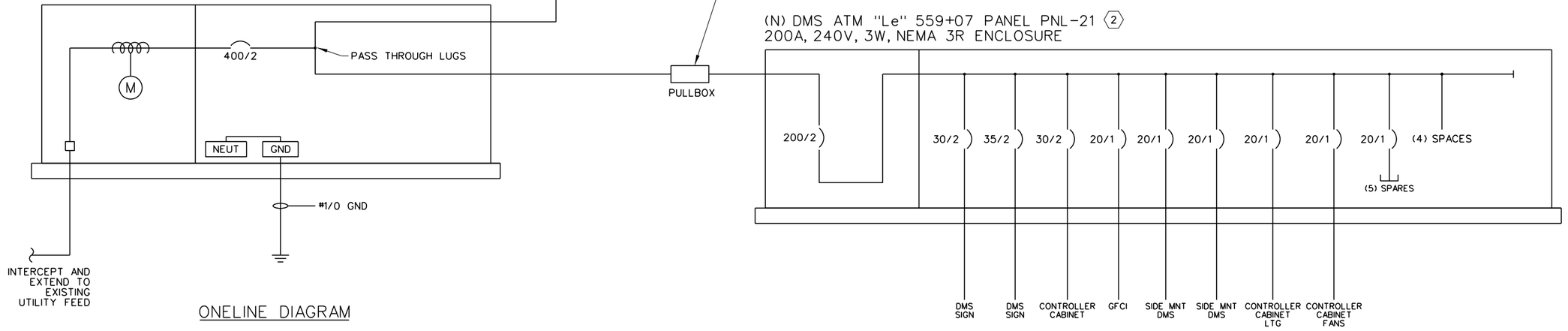
- KEY NOTES -

1. NOT USED.
2. REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.



ONELINE DIAGRAM

ONELINE DIAGRAM



ONELINE DIAGRAM

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT58	12/20/2016

DESIGN UNIT S2-01

AS-BUILT DRAWING

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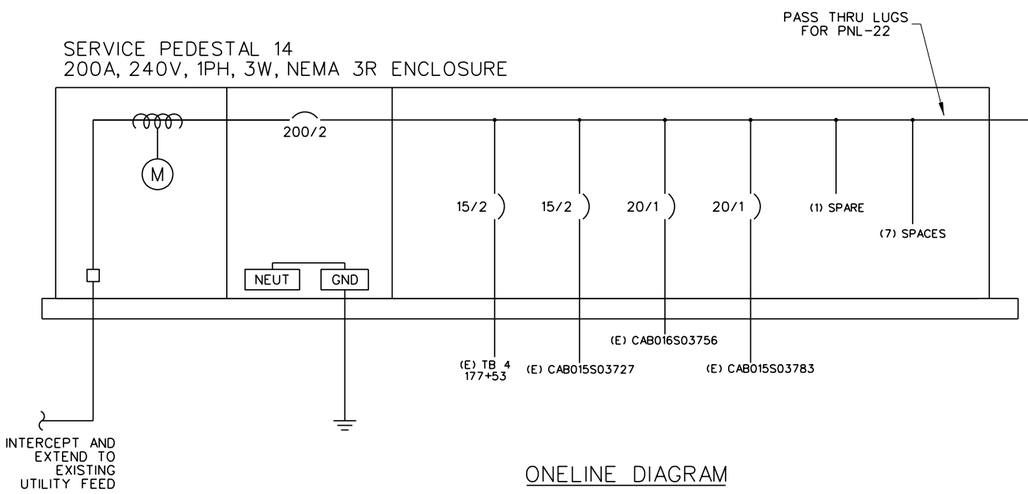
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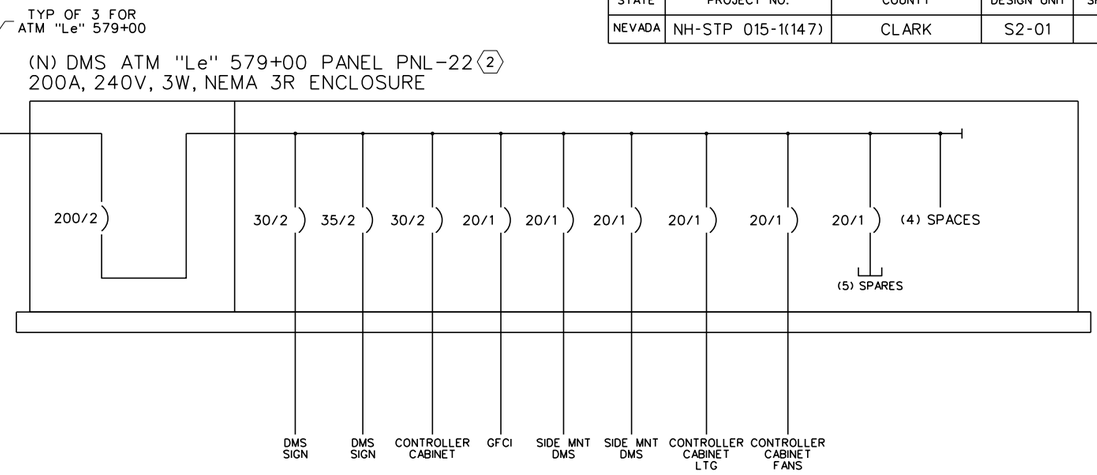
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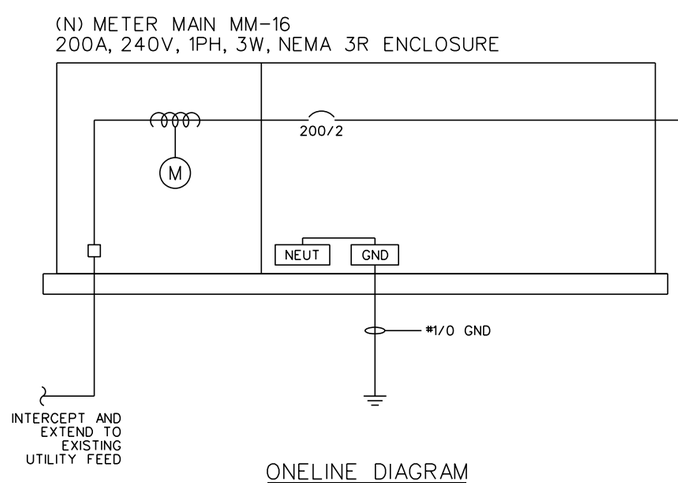
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NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT59



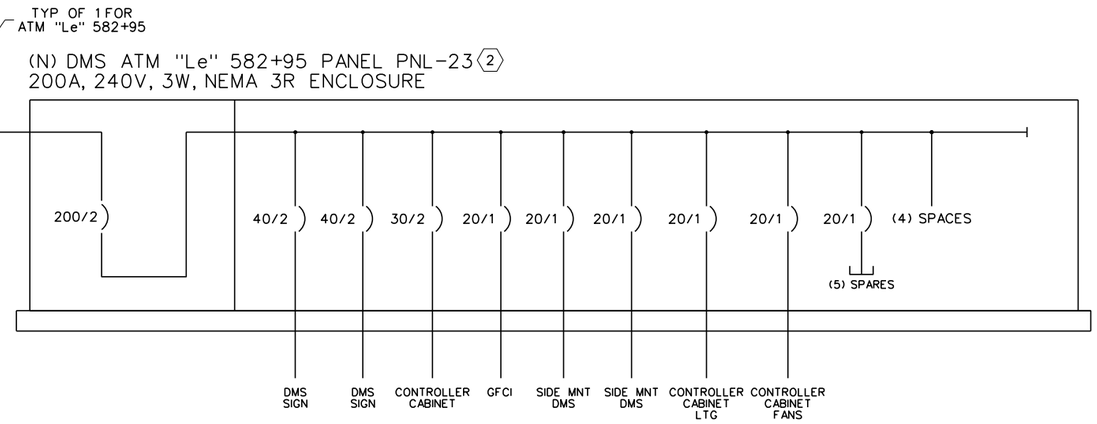
ONELINE DIAGRAM



ONELINE DIAGRAM



ONELINE DIAGRAM



ONELINE DIAGRAM

- KEY NOTES -

1. NOT USED.
2. REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
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ONELINE DIAGRAMS

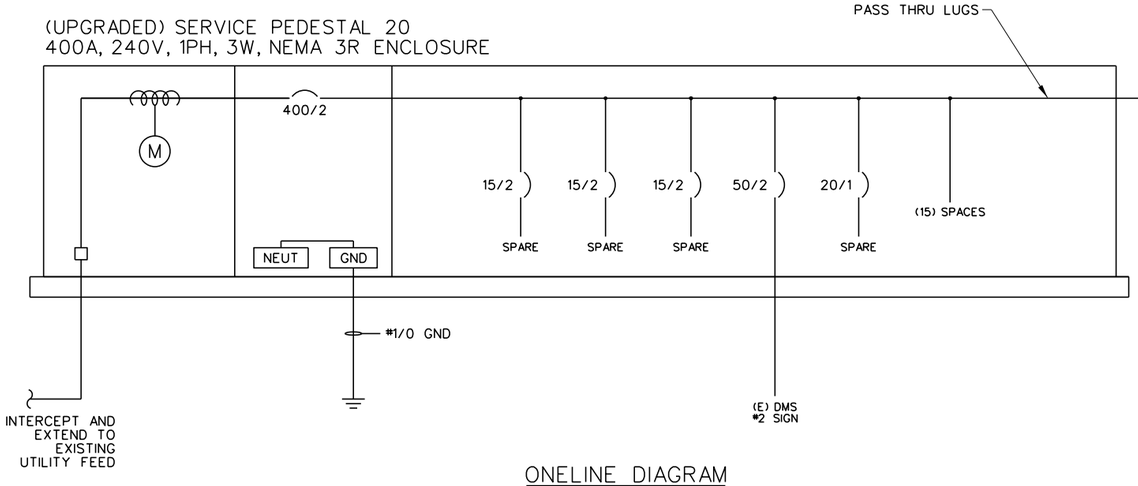
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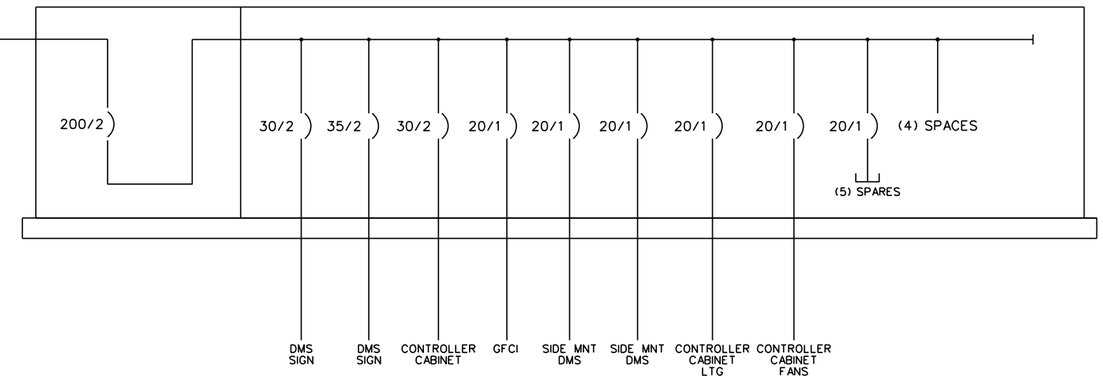
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT60

(UPGRADED) SERVICE PEDESTAL 20
400A, 240V, 1PH, 3W, NEMA 3R ENCLOSURE



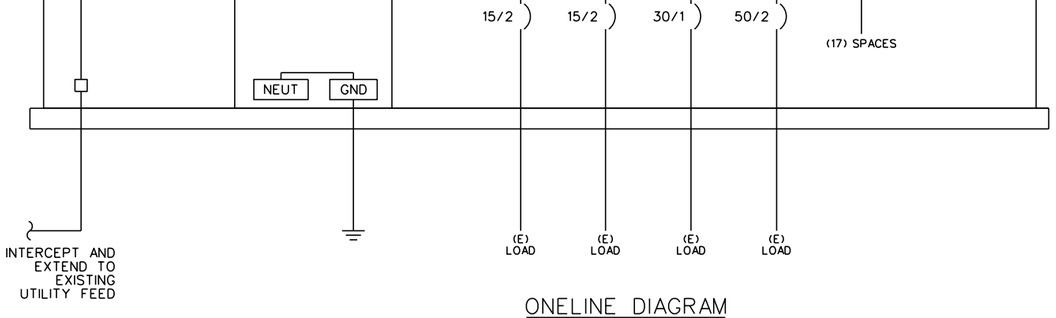
ONELINE DIAGRAM

(N) DMS ATM "Le" 611+00 PANEL PNL-25 (2)
200A, 240V, 3W, NEMA 3R ENCLOSURE



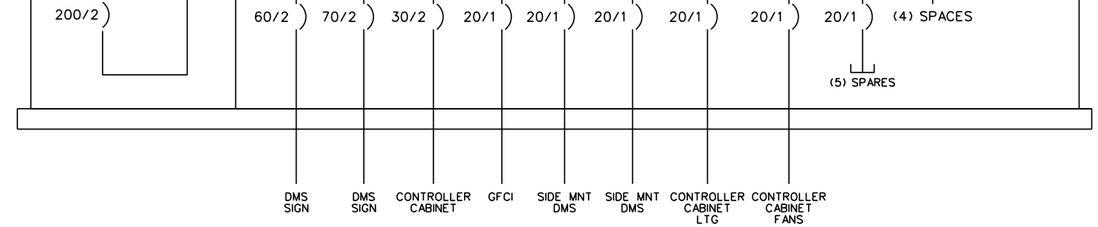
ONELINE DIAGRAM

(UPGRADED) SERVICE PEDESTAL 17
400A, 240V, 1PH, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

(N) DMS ATM "Le" 613+50 PANEL PNL-24 (2)
200A, 240V, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

- KEY NOTES -

(1) NOTE DELETED.

(2) REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT60	12/20/2016

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ONELINE DIAGRAMS

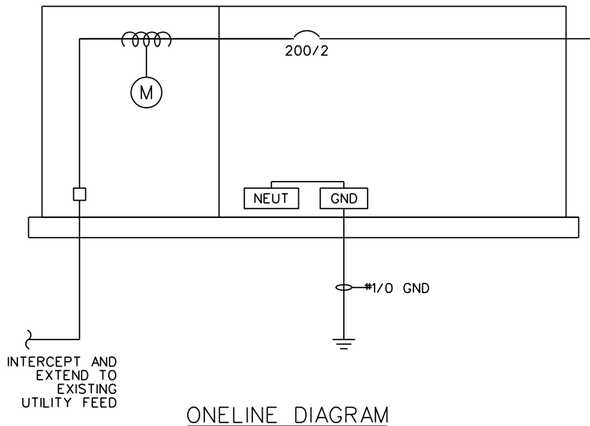
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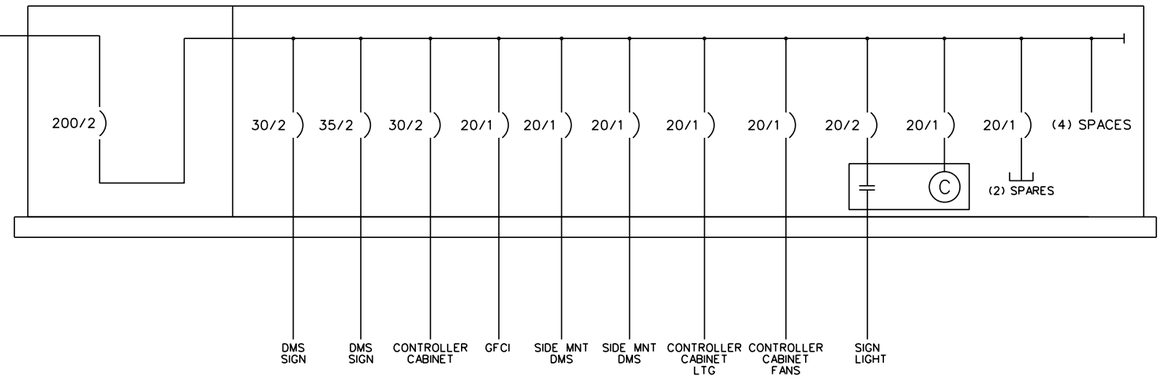
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT61

(N) METER MAIN MM-21
200A, 240V, 1PH, 3W, NEMA 3R ENCLOSURE



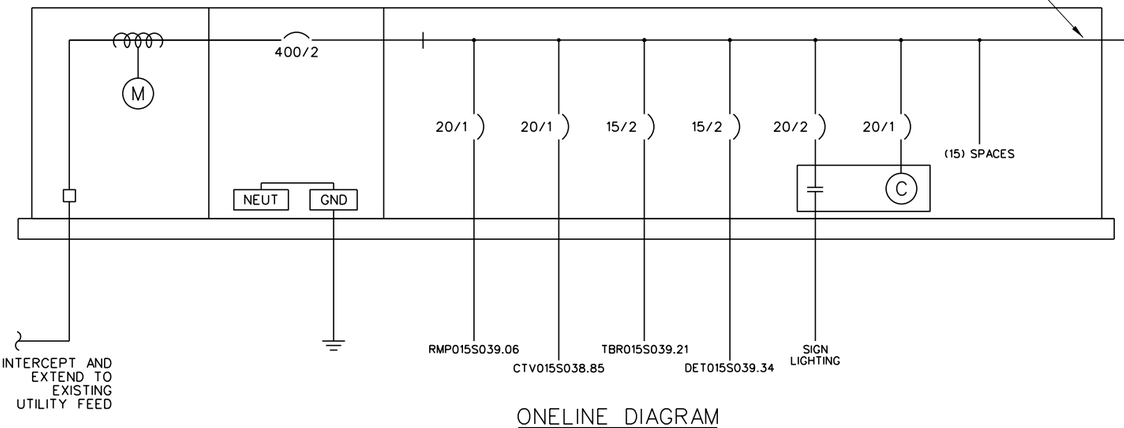
ONELINE DIAGRAM

(N) DMS ATM "Le" 630+25 PANEL PNL-26 (2)
200A, 240V, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

(UPGRADED) SERVICE PEDESTAL 22
400A, 240V, 1PH, 3W, NEMA 3R ENCLOSURE

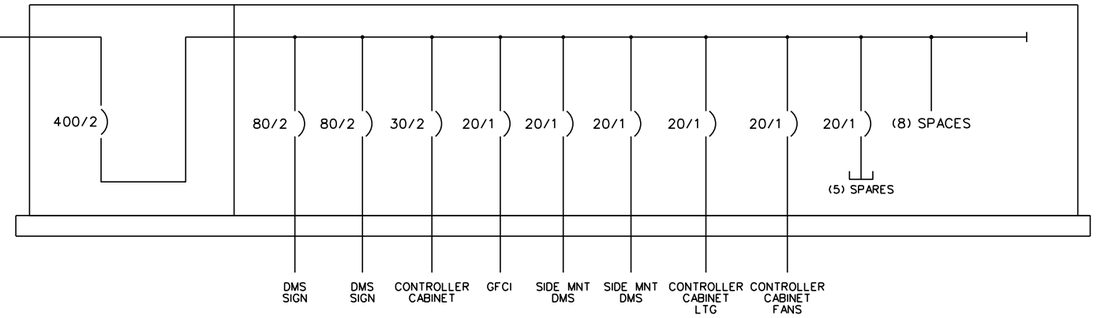


ONELINE DIAGRAM

TYP OF 3 FOR ATM "Le" 650+72

PULLBOX

(N) DMS ATM "Le" 650+72 PANEL PNL-27 (2)
400A, 240V, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

- KEY NOTES -

(1) NOTE DELETED.

(2) REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT61	12/20/2016

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ONELINE DIAGRAMS

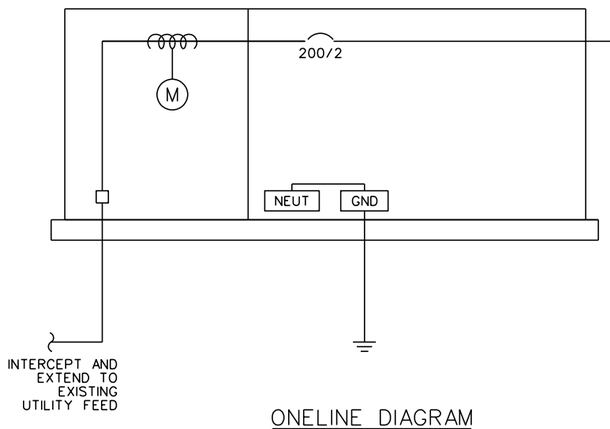
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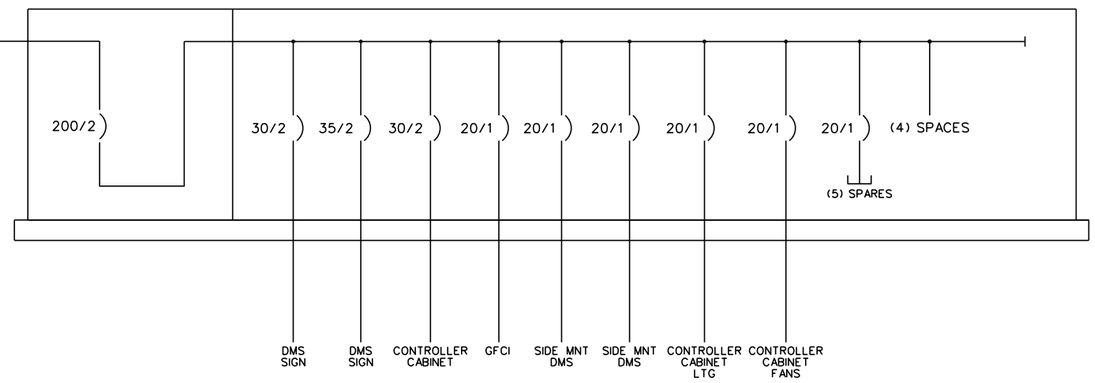
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP 015-1(147)	CLARK	S2-01	LT62

(N) METER MAIN MM-23
200A, 240V, 1PH, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

(N) DMS ATM "Le" 667+75 PANEL PNL-28 ⟨2⟩
200A, 240V, 3W, NEMA 3R ENCLOSURE



ONELINE DIAGRAM

– KEY NOTES –

⟨1⟩ NOTE DELETED.

⟨2⟩ REFER TO LT50 FOR NEW PANEL STATIONING AND OFFSET.

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT62	12/20/2016

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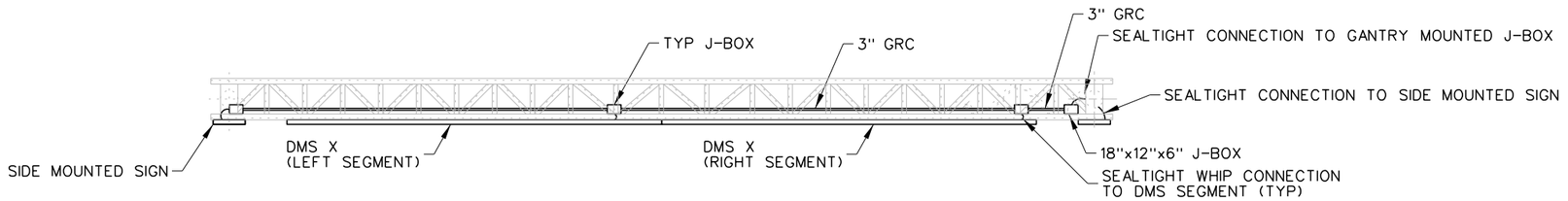
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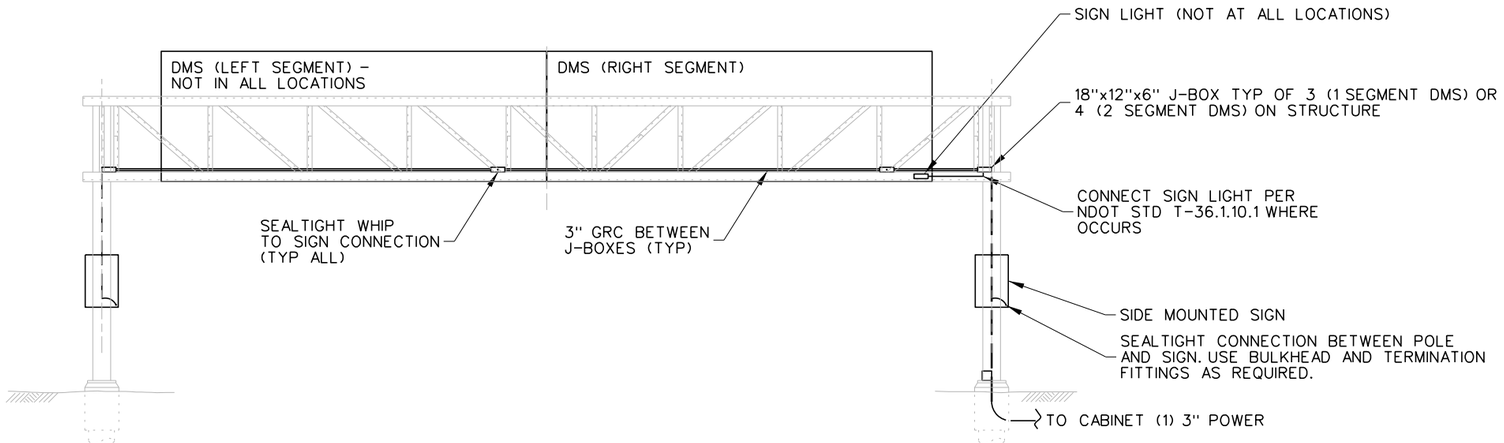
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LT63



PLAN



ELEVATION

GENERAL NOTES:

1. DETAIL SHOWS TYPICAL ELECTRICAL CONNECTIONS ON ITS ATM GANTRY. REFER TO ITS SHEETS FOR ATM GANTRY ELEVATIONS FOR MORE INFORMATION REGARDING SIGN PLACEMENT AND SIZE FOR EACH SPECIFIC LOCATION.

###

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT63	12/20/2016

DESIGN UNIT S2-01

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DETAILS

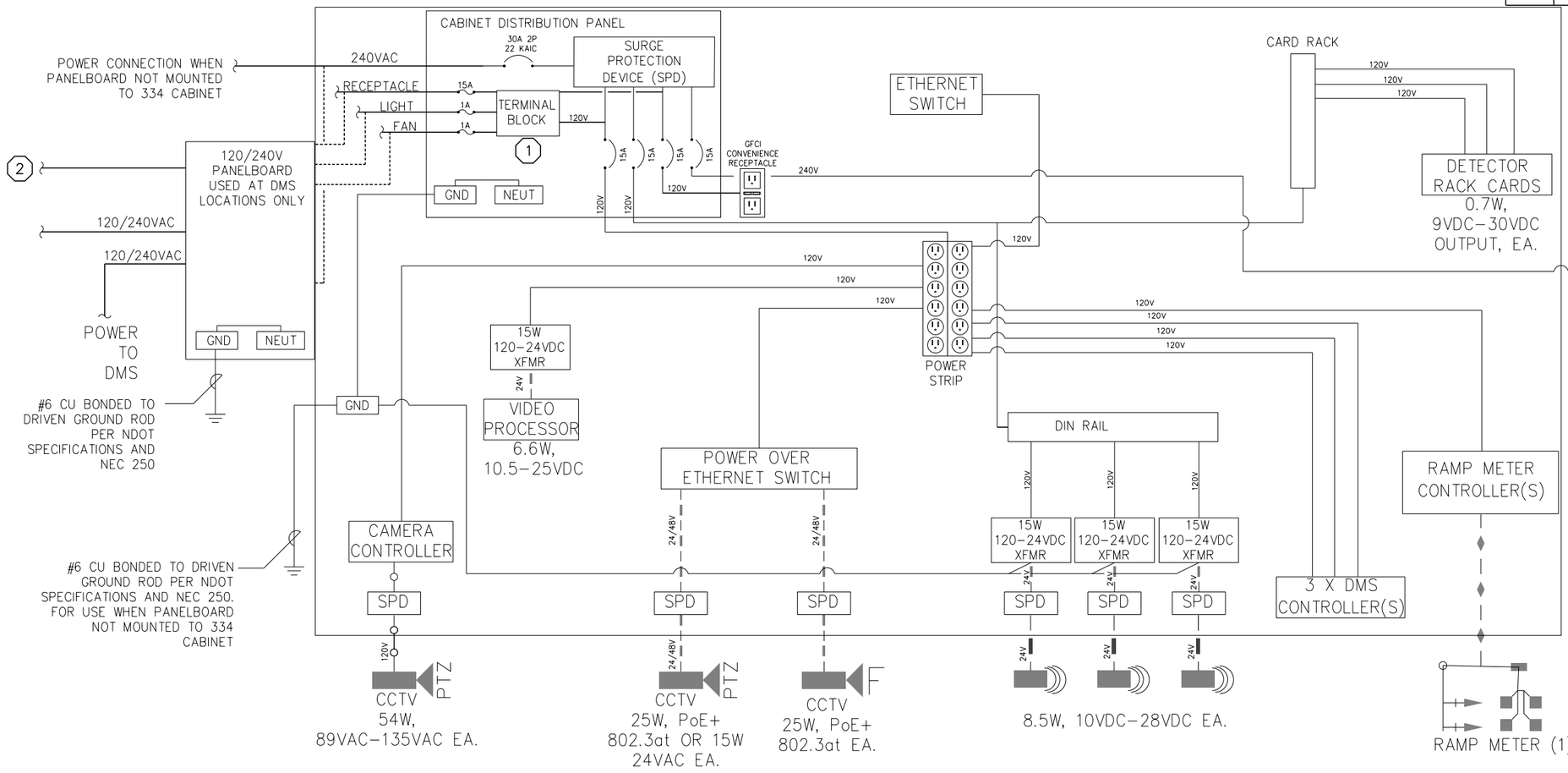
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TYPICAL, TYPE 334 ITS CABINET

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	LT64



– GENERAL NOTES –

1. ITS ONE-LINE DIAGRAM SHOWS WORST CASE SCENARIO IN FIELD FOR AN ITS CABINET. NOT ALL LINE ITEMS WILL BE UTILIZED AT EVERY CABINET LOCATION. REFER TO ITS PLAN SET FOR MORE INFORMATION.

– KEY NOTES –

1. TERMINAL BLOCK, FOR CABINET FAN AND LIGHTS, SHALL ONLY BE PROVIDED IF EXTERIOR CABINET PANEL IS NOT PROVIDED.
2. SIGN LIGHTING CIRCUIT VIA CONTACTOR. PNLS 16 & 26 ON LT16 & LT26.

LEGEND

- CCTV CABLE
- RAMP METER CABLE
- 24VDC
- FIXED CCTV
- PTZ CCTV
- FLOW DETECTOR
- RAMP METER ASSEMBLY
- ATM GANTRY

RM – RAMP METER
DM – DYNAMIC MESSAGE SIGN (DMS)
CT – CCTV CAMERA
DT – DETECTOR

###

NO.	DESCRIPTION	DATE
1	FINAL	3/10/2017
0	RFC - 73652-S2-01-PKE-SHT16LT64	12/20/2016

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ITS ONLINE DIAGRAMS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS1

T.20S.; R.61E.; SEC. 27

R/W

CAB015S034.62 2

114 113 112 111

(1d) (1c) (1e)

(1a) (1b)

101 102 103 115

DMS 1 3 102

I-15 SB

"Le"

410 415 420

W WARM SPRINGS RD

36"in 48"rcp

24"rcp

I-15 NB

DMS 2 3 103

CAB015N034.56 2

CCTV 1 1 101

119 118 117 116 110 109 108

(1k) (1l) (1j) (1i) (1h) (1g) (1f)

105 106 107 104

2

PER CCO #34 - AT THESE LOCATIONS ("Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTE:

1. DMS 1 TO BE VIEWED FROM EX. PTZ CCTV AT STA. 434+00 ON ITS2

MATCHLINE "Le" 424+00 SEE SHEET ITS2

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS01	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 409+00 TO "Le" 424+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS2

MATCHLINE "Le" 424+00 SEE SHEET ITS1

MATCHLINE "Le" 439+00 SEE SHEET ITS3

I-15 SB

I-15 NB

"Le"

425 430 435

CC 215 EB

CC 215 WB

T:20S; R:61E; SEC:27

103 201 202 204 205 206 207 208 209 210

110 203

(2a) (2b) (2c) (2d) (2e) (2f) (2g) (2h) (2i)

E

NO ITS WORK ON THIS SHEET

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS02	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 424+00 TO "Le" 439+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
www.atkinsglobal.com

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS3

T:22S; R:61E; SEC:27

MATCHLINE "Le" 439+00 SEE SHEET ITS2

MATCHLINE "Le" 454+00 SEE SHEET ITS4

I-15 SB

I-15 NB

"Le"

440

445

450

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

2

DMS 3 3 301

DMS 4 3 303

CCTV 2 DET 1 302 1 4

CAB015S035.12 2

2 CAB015S035.13

(3a) (3b) (3c) (3d) (3e) (3f) (3g) (3h) (3i) (3j) (3k) (3l) (3m) (3n) (3o) (3p) (3q)

301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325

E

NOTE:

1. DMS 4 TO BE VIEWED FROM EX. PTZ CCTV AT STA. 434+00 ON ITS2

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS03	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN

"Le" 439+00 TO "Le" 454+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS4

MATCHLINE "Le" 454+00 SEE SHEET ITS3

MATCHLINE "Le" 469+00 SEE SHEET ITS5

DEAN MARTIN DR

W SUNSET RD

T.22S.; R.61E.; SEC. 27

CAUTION:
HIGH PRESSURE GAS!
CALL SOUTHWEST GAS AT 702-365-2011
FOR STANDBY WHEN EXCAVATING OVER
OR NEAR HIGH PRESSURE GAS LINE

I-15 SB

I-15 NB

"Le"

455 460 465

304 315 401 402 403 404 405 406 407

(4a) (4b) (4c) (4d) (4e) (4f) (4g) (4h)

DMS 21

REMOVE EX. CABINET

R/W

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS04	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

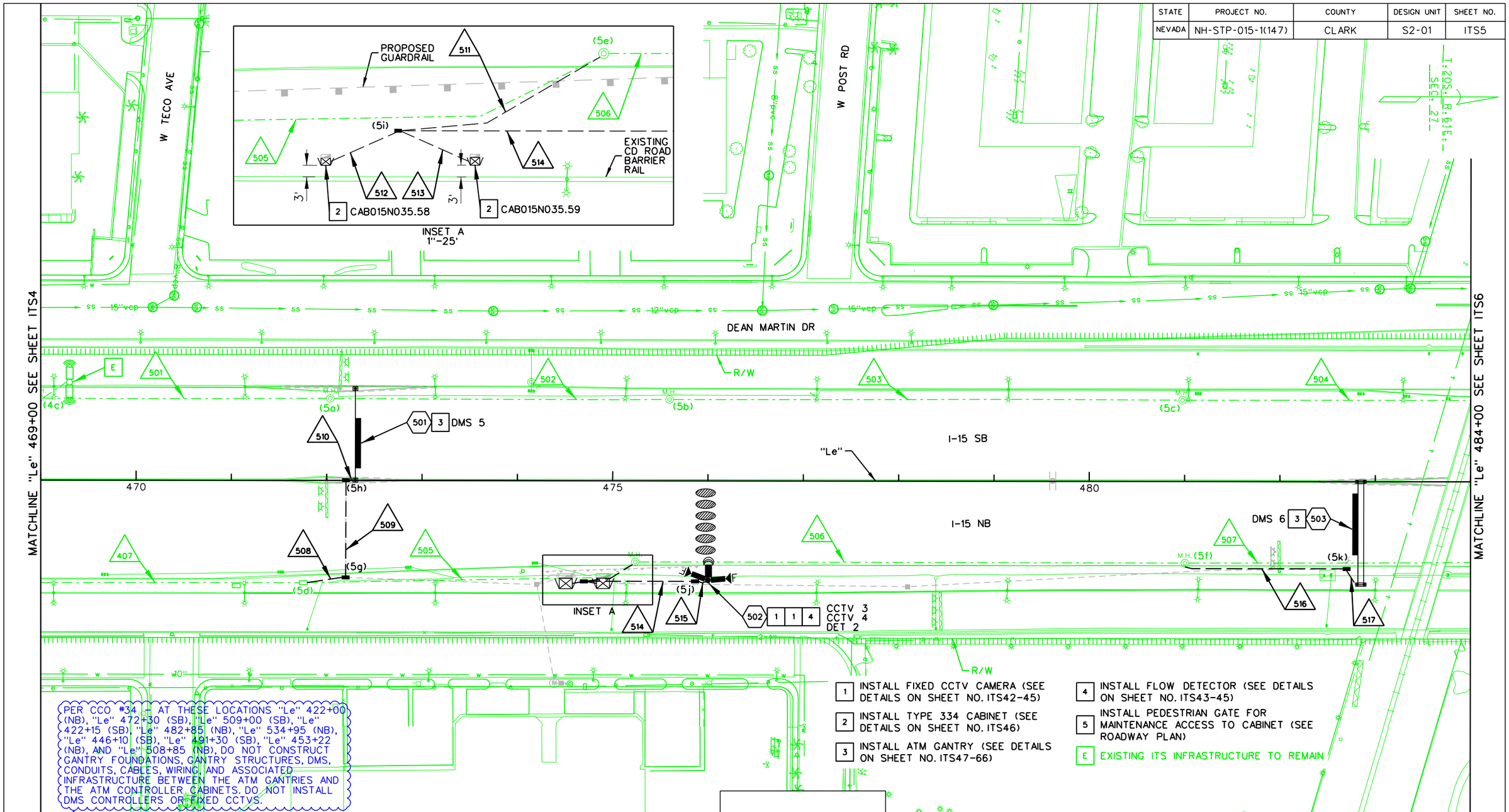
ITS PLAN
"Le" 454+00 TO "Le" 469+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS5



1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS05	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN

"Le" 469+00 TO "Le" 484+00

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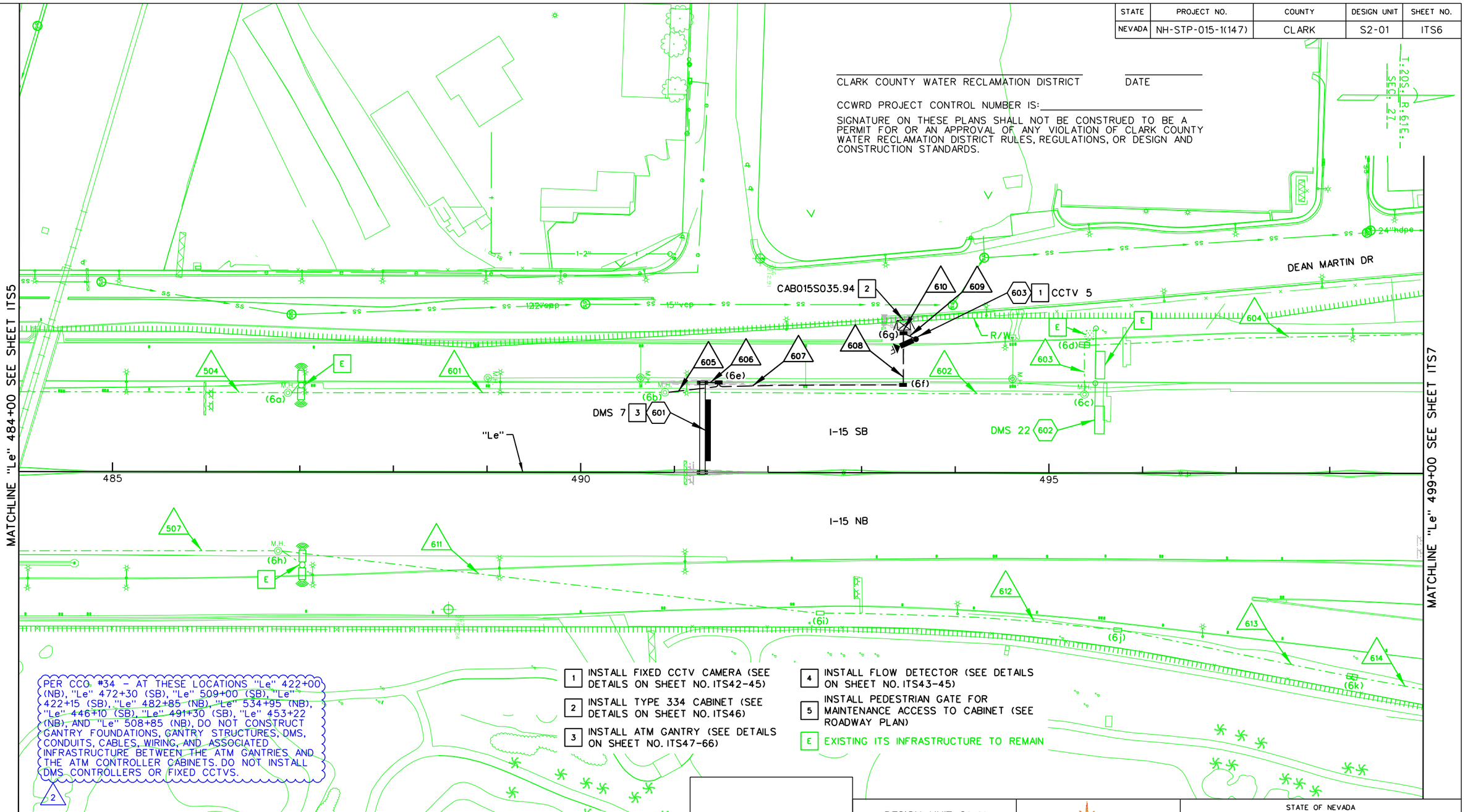
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS6

CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.



1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

2

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS06	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

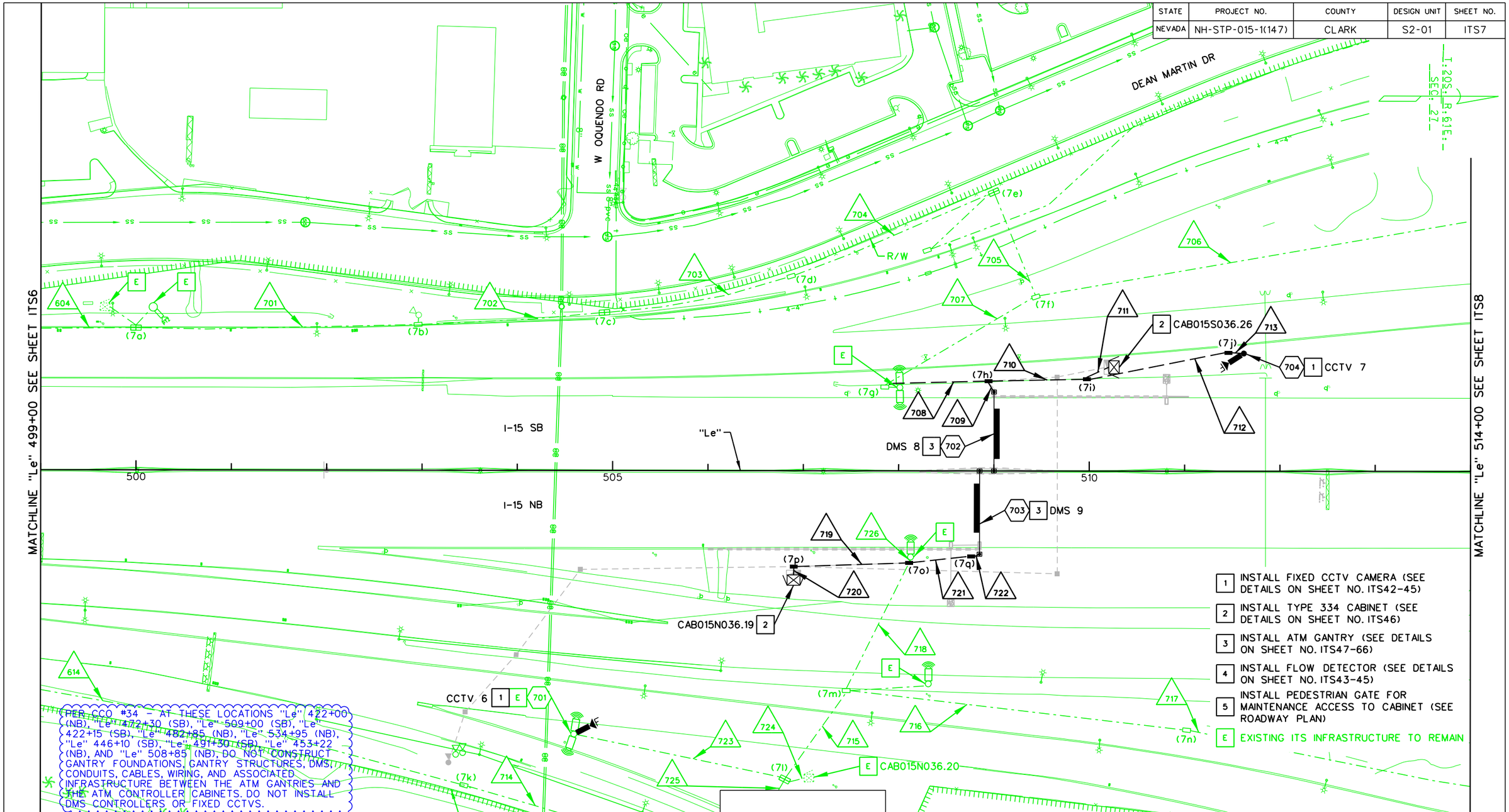
ITS PLAN
"Le" 484+00 TO "Le" 499+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS7



NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS07	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 499+00 TO "Le" 514+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS8

MATCHLINE "Le" 514+00 SEE SHEET ITS7

MATCHLINE "Le" 529+00 SEE SHEET ITS9

T.20S.; R.61E.; SEC. 27

DEAN MARTIN DR

W RUSSELL RD

I-15 SB

I-15 NB

"Le"

515 520 525

706 (8a) 801 (8b) 802 (8c) 803 (8d) 804 R/W 805 (8e)

717 (8f) 806 807 (8g) 808 (8h) 809 R/W (8j) 810 (8i)

E

40"stl hp

4"pc

NO ITS WORK ON THIS SHEET

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS08	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 514+00 TO "Le" 529+00

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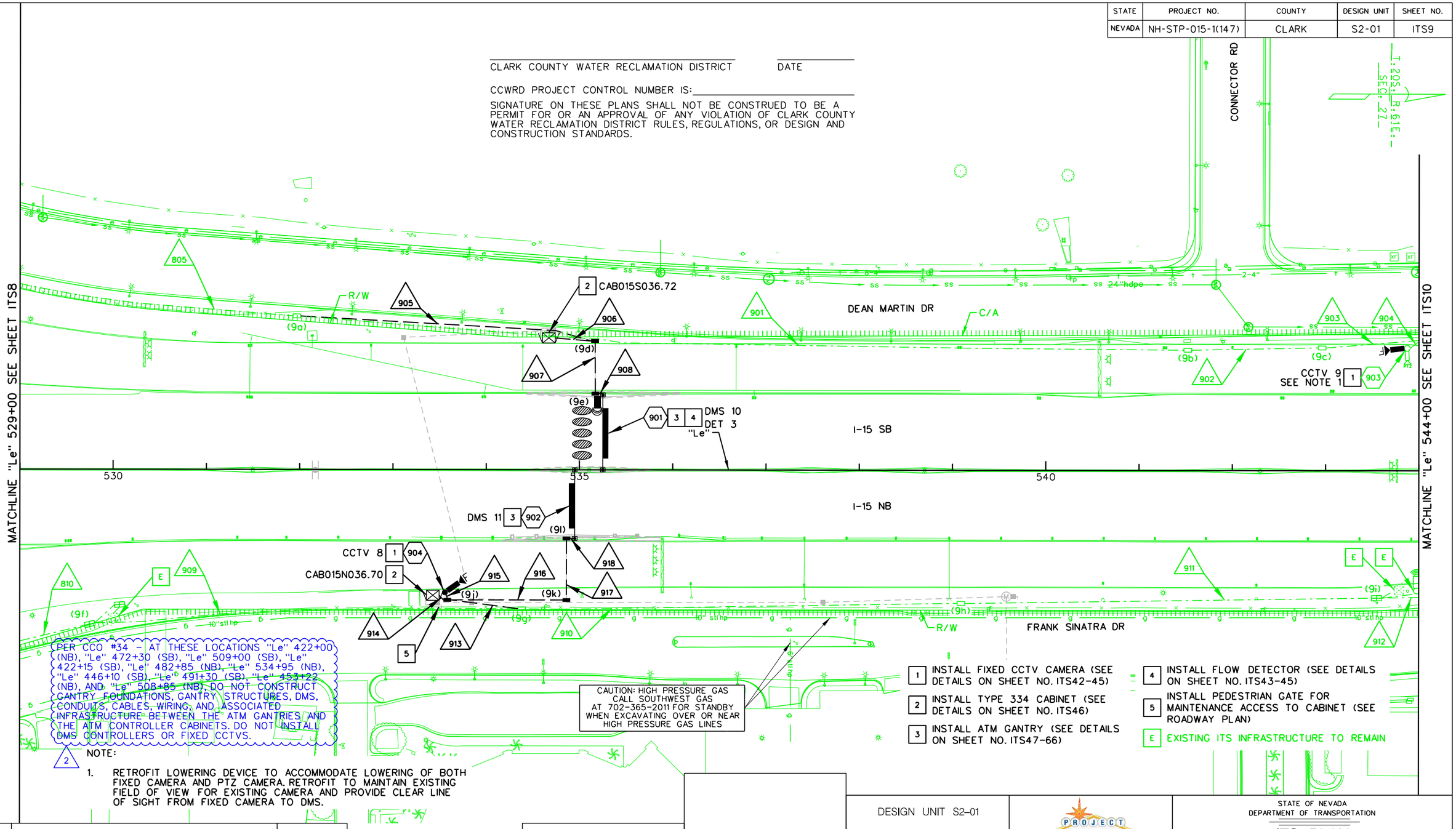
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS9

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

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NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/010/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS09	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 529+00 TO "Le" 544+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS10

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

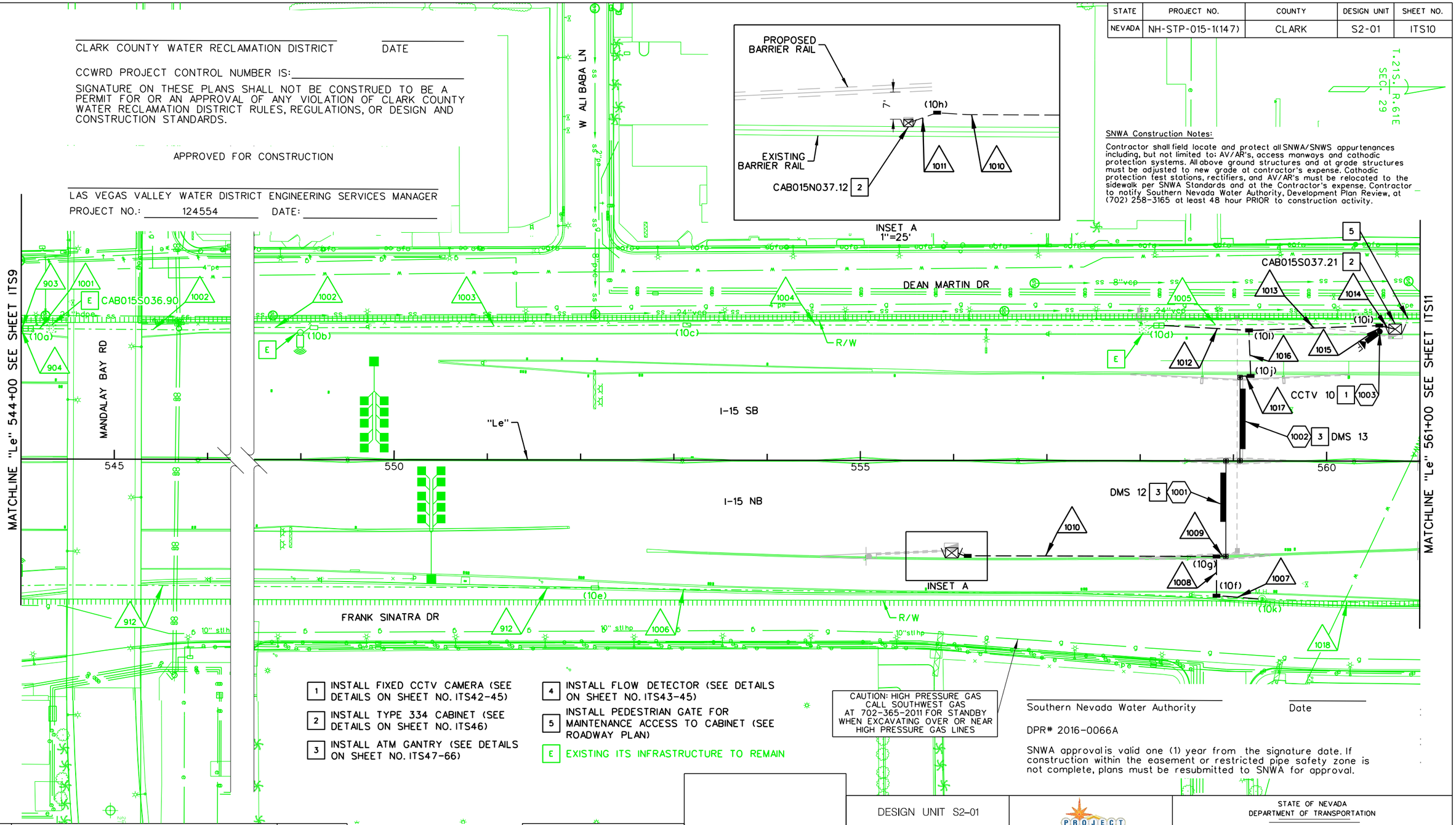
CCWRD PROJECT CONTROL NUMBER IS:

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APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO.: 124554 DATE:



SNWA Construction Notes:

Contractor shall field locate and protect all SNWA/SNWS appurtenances including, but not limited to: AV/AR's, access manways and cathodic protection systems. All above ground structures and at grade structures must be adjusted to new grade at contractor's expense. Cathodic protection test stations, rectifiers, and AV/AR's must be relocated to the sidewalk per SNWA Standards and at the Contractor's expense. Contractor to notify Southern Nevada Water Authority, Development Plan Review, at (702) 258-3165 at least 48 hour PRIOR to construction activity.

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

Southern Nevada Water Authority Date

DPR# 2016-0066A

SNWA approval is valid one (1) year from the signature date. If construction within the easement or restricted pipe safety zone is not complete, plans must be resubmitted to SNWA for approval.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS10	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 544+00 TO "Le" 561+00

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS11

CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO.: 124554 DATE: _____

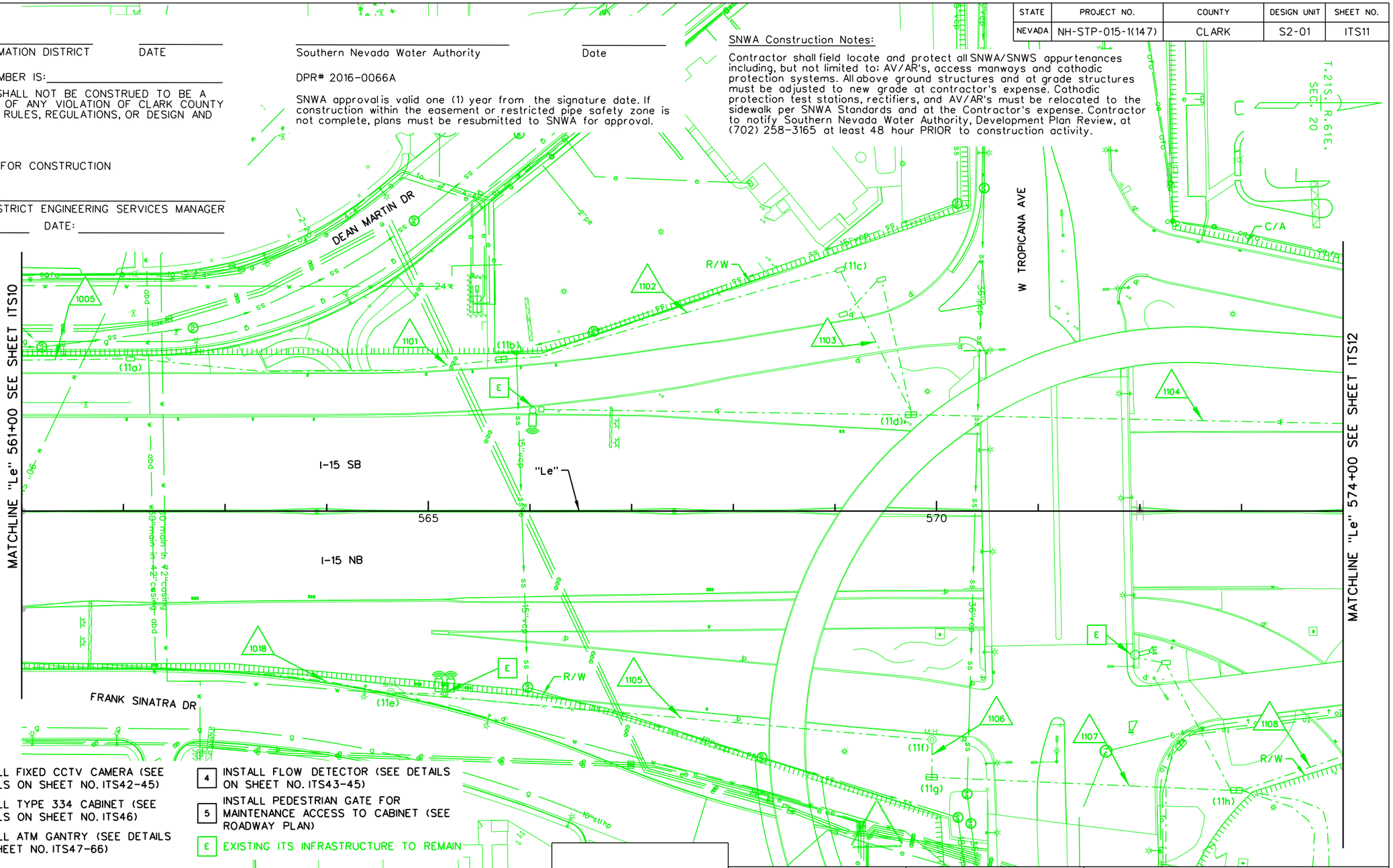
Southern Nevada Water Authority _____ Date _____

DPR# 2016-0066A

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5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS11	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 561+00 TO "Le" 574+00

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2270 Corporate Circle
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Fax: 702/263-7200
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS12

MATCHLINE "Le" 574+00 SEE SHEET ITS11

MATCHLINE "Le" 589+00 SEE SHEET ITS13

DEAN MARTIN DR

FRANK SINATRA DR

I-15 SB

I-15 NB

I-205; R:61E:-
SEC: 27-

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

CAB015S037.58 2

CAB015N037.57 2

DMS 14 3 1201

DMS 15 3 1203

1204 1 CCTV 11

1202 4 DET 4

SEE NOTE 2

"Le"

EXISTING UNDERGROUND
UTILITIES IN THIS AREA

R/W

C/A

(12a) (12b) (12c) (12d) (12e) (12f)

575 580 585

NOTE:

1. DMS 15 TO BE VIEWED FROM EX. PTZ CCTV AT STA. 571+95 ON ITS11
2. FIELD ADJUST EX. ITS CONDUIT AS NEEDED TO INSTALL PROPOSED DRAINAGE INLETS. DO NOT CUT OR DAMAGE FIBER OPTIC CABLE.

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

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5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS12	12/20/16

DESIGN UNIT S2-01

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MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

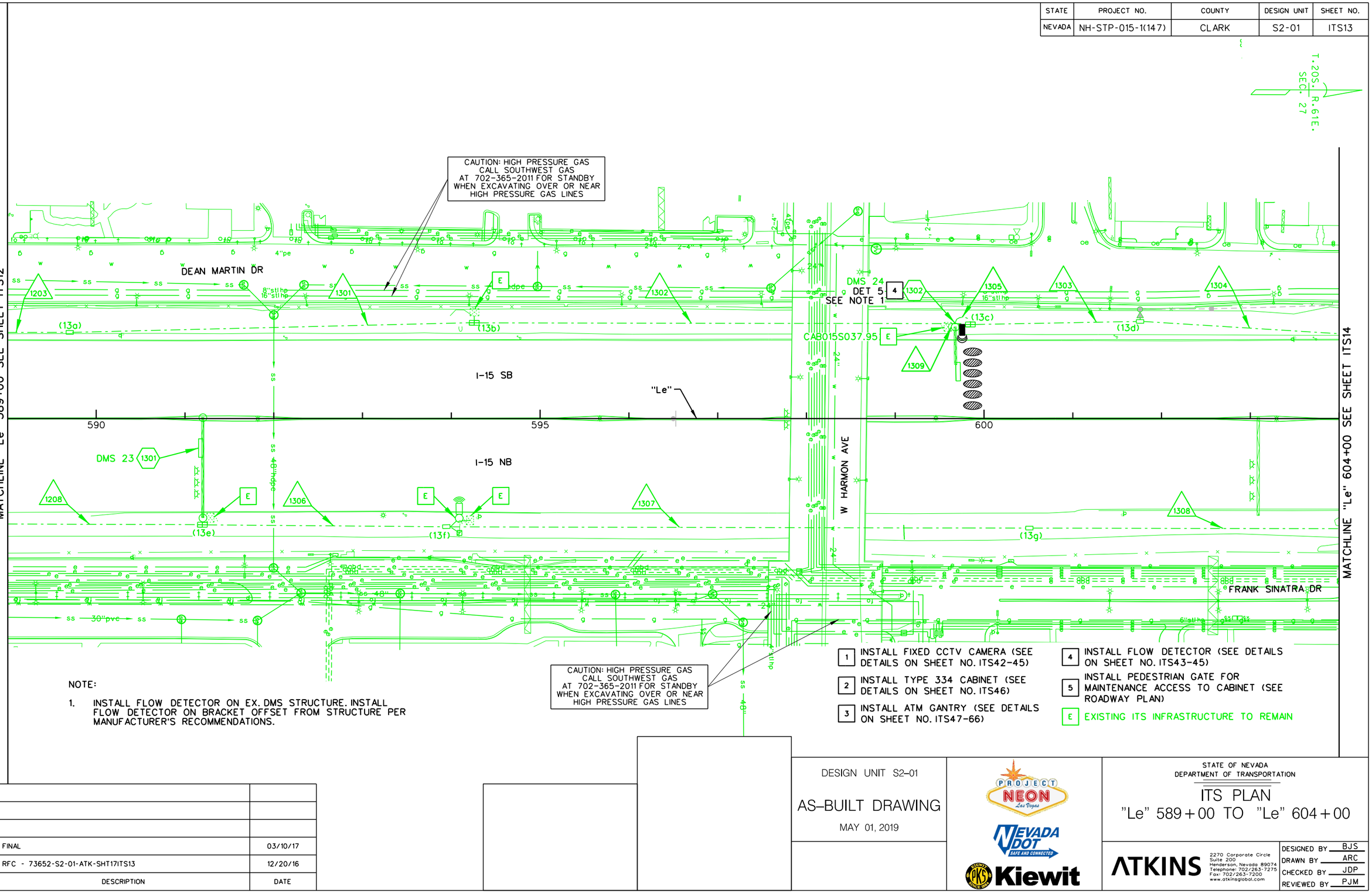
ITS PLAN
"Le" 574+00 TO "Le" 589+00

ATKINS
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS13



NOTE:

1. INSTALL FLOW DETECTOR ON EX. DMS STRUCTURE. INSTALL FLOW DETECTOR ON BRACKET OFFSET FROM STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

1. INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)
2. INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)
3. INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)
4. INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)
5. INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS13	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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ITS PLAN
"Le" 589+00 TO "Le" 604+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS14

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

MATCHLINE "Le" 604+00 SEE SHEET ITS13

MATCHLINE "Le" 619+00 SEE SHEET ITS15

T.20S.; R.61E.; SEC. 27

DEAN MARTIN DR

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

2 CAB015S038.24

1 CCTV 13

"Le"

605 610 615

I-15 SB

I-15 NB

3 DMS 16

DMS 17 3 1402

NCR 472 - SHAFTS DRILLED IN PROPOSED LOCATION AND ABANDONED BELOW GRADE. NEW SHAFTS DRILLED IN REVISED LOCATIONS.

CCTV 12 1 1401

2 CAB015N038.12

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

FRANK SINATRA DR

1. INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)
2. INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)
3. INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)
4. INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)
5. INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
2	AS-BUILTS - NCR 472	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS14	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 604+00 TO "Le" 619+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS15

MATCHLINE "Le" 619+00 SEE SHEET ITS14

MATCHLINE "Le" 634+00 SEE SHEET ITS16

W FLAMINGO RD

I-15 SB

I-15 NB

"Le"

620

625

630

PAVED PARKING

UTL

2-2"

FRANK SINATRA DR

4"stl hp

SS

T:20S; R:61E; SEC: 27

1405 1415 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513

(15a) (15b) (15c) (15d) (15e) (15f) (15g) (15h) (15i) (15j) (15k)

DMS 18 3 1501

2 CAB015S038.57

E

FIXED CCTV TO BE INSTALLED PER DESIGN UNIT CW-12

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NOTE:
1. DMS 18 TO BE VIEWED FROM EX. PTZ CCTV AT STA. 648+23 ON ITS16

CAUTION: HIGH PRESSURE GAS
CALL SOUTHWEST GAS
AT 702-365-2011 FOR STANDBY
WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS15	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 619+00 TO "Le" 634+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS16

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

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T:20S; R:61E; SEC: 27

MATCHLINE "Le" 634+00 SEE SHEET ITS15

MATCHLINE "Le" 649+00 SEE SHEET ITS17

DEAN MARTIN DR

FRANK SINATRA DR

I-15 SB

I-15 NB

"Le"

635 640 645

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

CAUTION: HIGH PRESSURE GAS CALL SOUTHWEST GAS AT 702-365-2011 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

ATM GANTRY AND ITS CABINET TO BE INSTALLED PER DESIGN UNIT CW-12

CAB015S038.86

1503 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1513

(16a) (16b) (16c) (16d) (16e) (16f) (16g) (16h) (16i)

R/W

E

1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

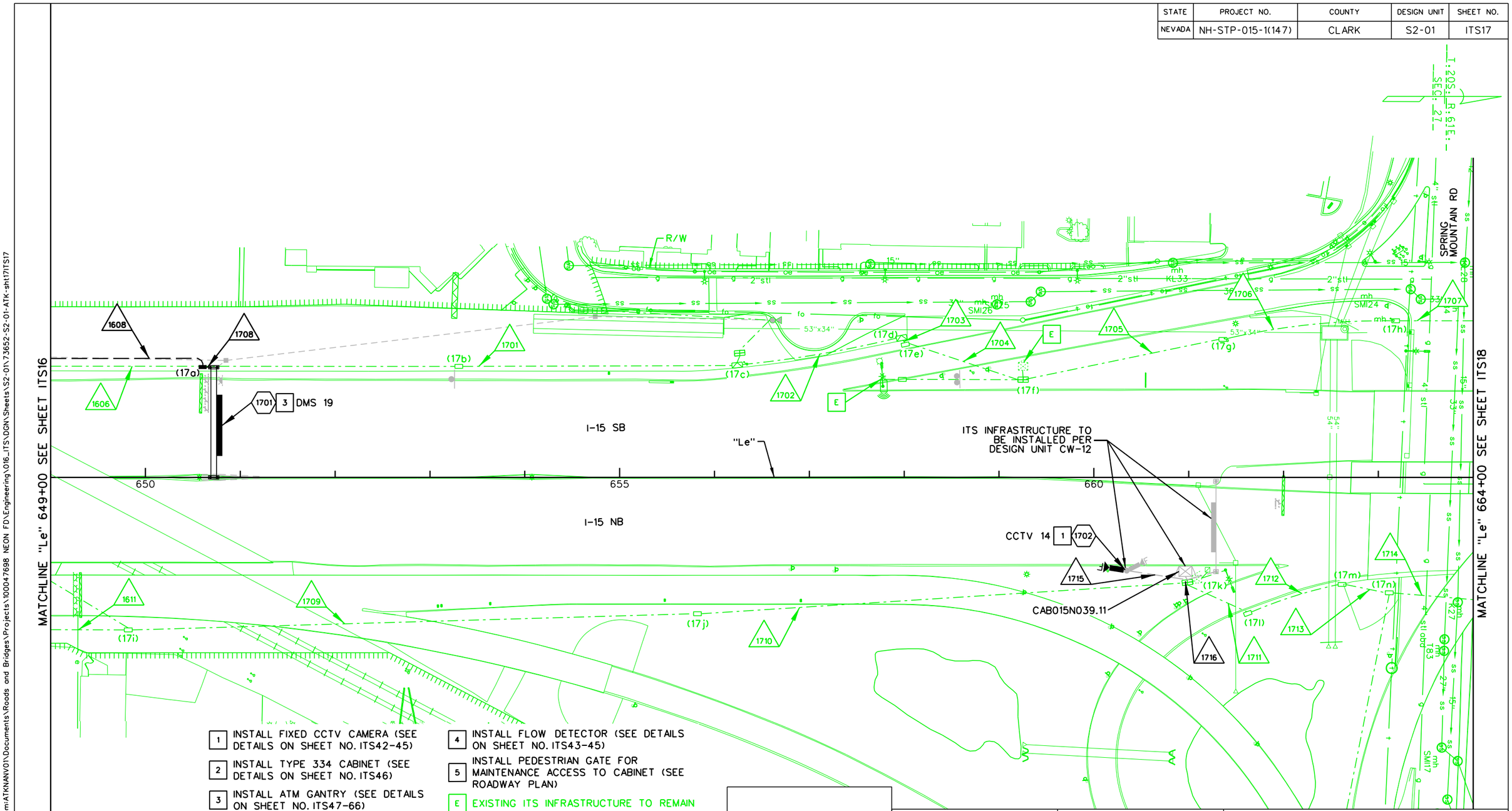
ITS PLAN
"Le" 634+00 TO "Le" 649+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS17



1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS17	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

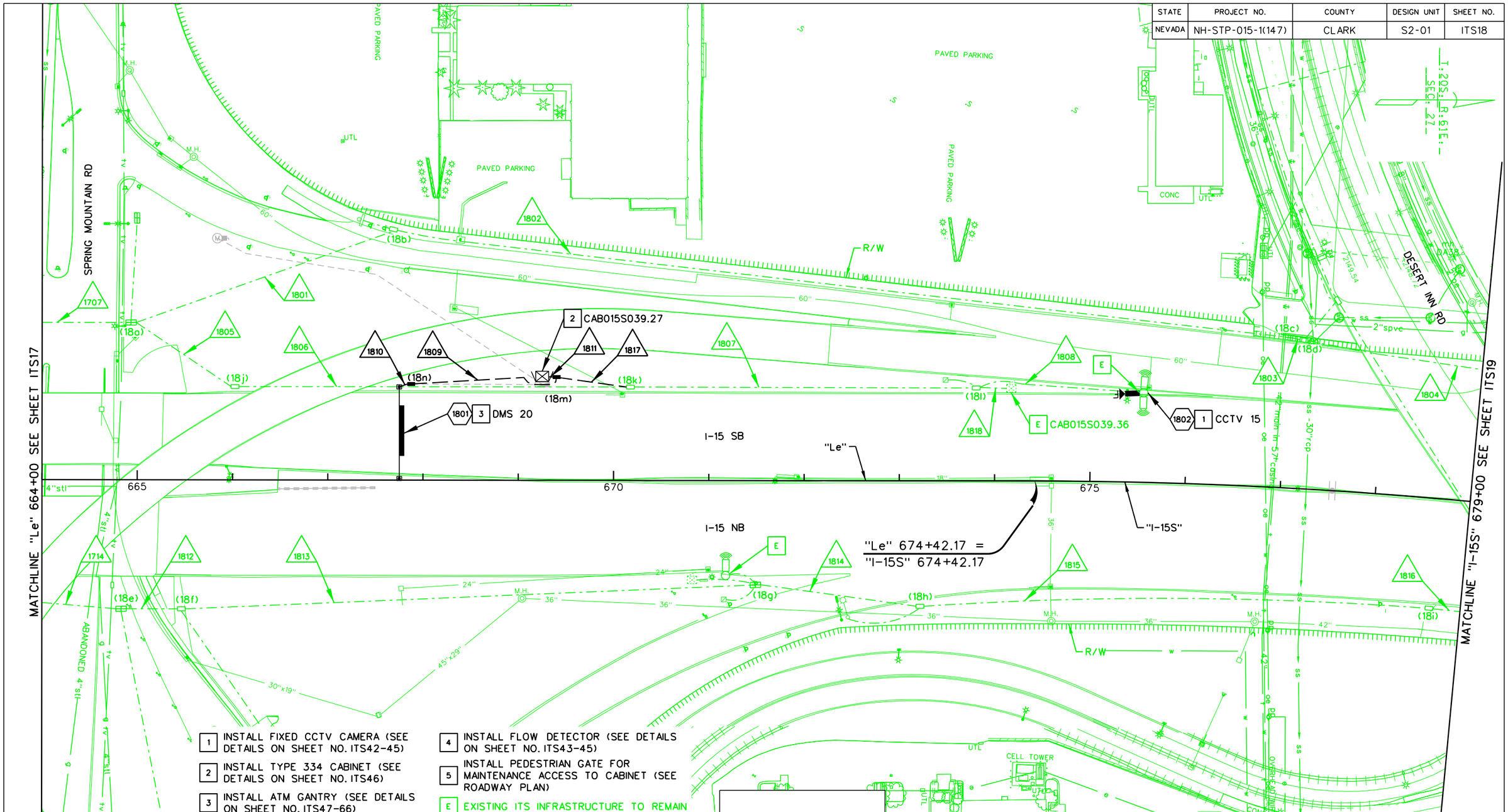
ITS PLAN
"Le" 649+00 TO "Le" 664+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS18



1 INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)

2 INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)

3 INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)

4 INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)

5 INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS18	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS PLAN
"Le" 664+00 TO "I-15S" 679+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS19

PROJECT NH-STP-015-1(147)
END DESIGN UNIT S2-01 CONSTRUCTION
"I-15S" 694+00.00

RANCHO DR

I-15 SB

I-15 NB

"I-15S"

ATM GANTRY TO BE INSTALLED PER DESIGN UNIT CW-12

FIXED CCTV TO BE INSTALLED PER DESIGN UNIT CW-12

ITS CABINET TO BE INSTALLED PER DESIGN UNIT CW-12

R/W

SIRUS AVE

DESERT INN RD

WESTERN AVE

CAPELLA AVE

WESTWOOD DR

PAVED PARKING

MATCHLINE "I-15S" 679+00 SEE SHEET ITS18

MATCHLINE "I-15S" 694+00 SEE SHEET ITS20

1804

1816

680

685

690

M.H.

PAVED

1. INSTALL FIXED CCTV CAMERA (SEE DETAILS ON SHEET NO. ITS42-45)
2. INSTALL TYPE 334 CABINET (SEE DETAILS ON SHEET NO. ITS46)
3. INSTALL ATM GANTRY (SEE DETAILS ON SHEET NO. ITS47-66)
4. INSTALL FLOW DETECTOR (SEE DETAILS ON SHEET NO. ITS43-45)
5. INSTALL PEDESTRIAN GATE FOR MAINTENANCE ACCESS TO CABINET (SEE ROADWAY PLAN)

E EXISTING ITS INFRASTRUCTURE TO REMAIN

NO ITS WORK ON THIS SHEET

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS19	12/20/16

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ITS PLAN
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS20

ITS GENERAL NOTES

1. THIS PROJECT HAS BEEN DESIGNED USING NEVADA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, 2010 EDITION AND THE 2014 NEVADA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. ALL NEW INFRASTRUCTURE SHALL BE INSTALLED WITHIN RIGHT-OF-WAY OR EASEMENTS. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLATION.
3. NOTIFY "811" (CALL BEFORE YOU DIG) AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION TO LOCATE ALL EXISTING UNDERGROUND UTILITIES. NOTIFY NV ENERGY (CALL BEFORE YOU OVERHEAD) AT 1-702-227-2929 AT LEAST 2 WORKING DAYS PRIOR TO ANY WORK WITHIN NV ENERGY SPECIFIED VICINITY OF EXISTING OVERHEAD UTILITIES.
4. FAST INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. IF UTILIZED, TEMPORARY AERIAL CABLE INSTALLATION MUST BE ACCEPTABLE TO FAST. ANY DAMAGE TO FAST CABLE IS DEEMED AN EMERGENCY AND MUST BE REPAIRED IMMEDIATELY. REPAIRS ARE SUBJECT TO FAST INSPECTION AND ACCEPTANCE.
5. THESE PLANS SHOW THE GENERAL PATH AND LOCATION OF CONDUIT AND EQUIPMENT IN RELATION TO MAJOR PHYSICAL FEATURES AND APPROXIMATE DISTANCES, STATIONING, AND OFFSET LEFT OR RIGHT OF CENTERLINE. THE CONTRACTOR SHALL NOT RELY SOLELY ON DISTANCE, STATION, AND OFFSET DATA PROVIDED. CONTRACTOR SHALL REVIEW ALL PLAN SHEETS TO CONFIRM DISTANCES, STATION, AND OFFSET IS CONSISTENT WITH PLANS AND NOT IN CONFLICT WITH OTHER IMPROVEMENTS OR EXISTING OBJECTS. THE LOCATION OF UTILITY POLES, SIGNS, VEGETATION, AND OTHER STATIONARY OBJECTS ALONG THE CONDUIT PATH OR EQUIPMENT LOCATION MAY NOT BE SHOWN, BUT SHALL BE IDENTIFIED BY THE CONTRACTOR AS THE CONDUIT ROUTE IS MARKED PRIOR TO TRENCHING.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING INFRASTRUCTURE AREAS NOT SPECIFIED FOR REMOVAL AND SHALL BE RESPONSIBLE TO REPLACE OR REPAIR ANY DAMAGED INFRASTRUCTURE AREAS IN A TIMELY MANNER. THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING PLANTINGS, MATERIALS, AESTHETIC FEATURES, LANDSCAPING, AND IRRIGATION SYSTEMS AND REPLACE ANY THAT ARE DAMAGED DURING THE COURSE OF CONSTRUCTION PER THE PROJECT NEON TECHNICAL PROVISIONS SECTION 5.3.2.
7. CONDUIT ROUTING, PULL BOXES, POLES, AND CABINET LOCATIONS ARE SCHEMATIC FOR THE PURPOSE OF CLARITY AND MAY DIFFER FROM ACTUAL INSTALLATION. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.
8. ALL NEW CONDUIT SHALL BE INSTALLED PER NDOT STD. PLANS T-30.1.2.1, M-1.14, AND DETAILS ON SHEET NO. ITS39 AT A MINIMUM DEPTH OF 36" UNLESS OTHERWISE NOTED ON THE PLANS.
9. WHERE FEASIBLE, ITS AND LIGHTING CONDUITS (ENTIRE OR PARTIAL RUNS) MAY BE CO-LOCATED IN COMMON TRENCHES AND DRILLS. PROPOSED CO-LOCATION IS NOTED IN THE CONDUIT, CABLE, & CONDUCTOR SCHEDULE. FINAL INSTALLATION SHALL BE DETERMINED IN THE FIELD.
10. PULL STRING SHALL BE PROVIDED IN ALL EMPTY CONDUITS.
11. THE CONTRACTOR SHALL PLACE ALL CONDUIT IN A MANNER THAT MINIMIZES HORIZONTAL AND VERTICAL BENDING, NOT TO EXCEED 1 FOOT PER 10 FEET, IN ORDER TO MINIMIZE THE INDUCED STRESSES ON CABLES DURING CABLE INSTALLATION.
12. ANY REMOVAL OF PAVEMENT NECESSARY TO FACILITATE INSTALLATION OF CONDUIT UNDER ROADWAY SHALL BE REPLACED TO ITS ORIGINAL CONDITION. NO OPEN TRENCHING SHALL OCCUR ACROSS THE FREEWAY MAINLINE.
13. PULL BOXES SHALL BE INSTALLED PER NDOT STD. PLANS T-30.1.18, M-1.13, AND DETAILS ON SHEET NOS. ITS40-41. SLACK TO BE PROVIDED IN EACH NO. 7 P.B. (50 FT) AND NO. 9 P.B. (200 FT) UNLESS OTHERWISE NOTED. PULL BOXES SHALL NOT BE INSTALLED IN SIDEWALK RAMPS NOR IN OR WITHIN TEN (10) FEET OF ANY DRIVEWAY. EXCEPT FOR PULL BOXES PLACED IN PAVED AREAS, ALL NO. 7 P.B. SHALL BE BURIED, ALL NEW NO. 9 P.B. SHALL HAVE LOCKS. ALL PULL BOXES LOCATED IN ROADWAY SHOULDER SHALL INCLUDE TRAFFIC-RATED LIDS.
14. CCTV, DMS, AND RADAR DETECTOR CABLES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
15. EXISTING ITS INFRASTRUCTURE TO BE PROTECTED IN PLACE AND REMAIN OPERATIONAL UNLESS OTHERWISE NOTED.

LEGEND

SYMBOLS NEW	SYMBOLS EXISTING	DESCRIPTION	LABELS NEW	LABELS EXISTING	LABELS DESCRIPTION
▬	▭	NO. 7 PULL BOX	(1a)	(1a)	PULL BOX DESIGNATION
▬	▭	NO. 9 PULL BOX	101	101	STRUCTURE NUMBER
N/A	M.H.	MANHOLE	1	E	CONSTRUCTION NOTE
N/A		JUNCTION BOX			
F	N/A	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (FIXED)			
N/A	PTZ	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (PAN-TILT-ZOOM (PTZ))			
		ITS CONTROLLER CABINET			
		ITS CONDUIT			
N/A		CANTILEVER DYNAMIC MESSAGE SIGN (DMS)			
	N/A	ACTIVE TRAFFIC MANAGEMENT (ATM) GANTRY			
	N/A	TYPE 1 ACTIVE TRAFFIC MANAGEMENT (ATM) GANTRY WITH WALK-IN FRAME STRUCTURE AND TYPE 1 DMS			
●	○	ITS POLE (SIZE PER STRUCTURE SCHEDULE)			

ABBREVIATIONS

ATM	ACTIVE TRAFFIC MANAGEMENT
CCTV	CLOSED CIRCUIT TELEVISION
DMS	DYNAMIC MESSAGE SIGN
DET	FLOW DETECTOR
EX	EXISTING
FOC	FIBER OPTIC CABLE
ITS	INTELLIGENT TRANSPORTATION SYSTEMS
RMP	RAMP METER
TEMP	TEMPORARY
R/W	RIGHT-OF-WAY

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS GENERAL NOTES, LEGEND, & ABBREVIATIONS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS21

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
101	P.B. (E)	P.B. 1a (E)	4-1.25" (E) 1-3" (E)	(E)		1 (E)				(E)				TYPE 1	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 1a
102	P.B. 1a (E)	P.B. 1b (E)	4-1.25" (E) 1-3" (E)	630		1 (E)	1			(E)					
103	P.B. 1b (E)	P.B. 2a (E)	4-1.25" (E) 1-3" (E)	620		1 (E)				(E)					
104	P.B. (E)	P.B. 1f (E)	4-1.25" (E) 1-3" (E)	(E)		1 (E)				(E)					
105	P.B. 1f (E)	P.B. 1g (E)	4-1.25" (E) 1-3" (E)	390		1 (E)				(E)				TYPE 1	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 1g
106	P.B. 1g (E)	P.B. 1h (E)	4-1.25" (E) 1-3" (E)	215		1 (E)	1			(E)					
107	P.B. 1h (E)	P.B. 1i (E)	4-1.25" (E) 1-3" (E)	200		1 (E)	1			(E)					
108	P.B. 1i (E)	P.B. 1j (E)	4-1.25" (E) 1-3" (E)	175		1 (E)	1			(E)					
109	P.B. 1j (E)	P.B. 1l (E)	4-1.25" (E) 1-3" (E)	170		1 (E)				(E)	3				
110	P.B. 1l (E)	P.B. 2c (E)	4-1.25" (E) 1-3" (E)	290		1 (E)				(E)					
111	P.B. 1c	CABINET	2-3"	10			1				3		X		
112	P.B. 1c	P.B. 1d	2-3"	150			1				3		X		
113	P.B. 1d	POLE 102	2-3"	20							3		X		
114	P.B. 1e	P.B. 1d	2-3"	255			1								
115	P.B. 1e	P.B. 1b (E)	2-3"	45			1								
116	P.B. 1j (E)	POLE 101	1-3"	40					1						
117	P.B. 1j (E)	CABINET	2-3"	15			1		1		3		X		
118	P.B. 1l (E)	P.B. 1k (E)	2-3"	25							3		X		
119	P.B. 1k (E)	POLE 103	2-3"	10							3		X		
120-200 NOT USED															
201	P.B. 2a (E)	P.B. 2b (E)	4-1.25" (E) 1-3" (E)	310		1 (E)				(E)					
202	P.B. 2b (E)	P.B. (E)	4-1.25" (E) 1-3" (E)	645		1 (E)									
203	P.B. 2c (E)	P.B. 2d (E)	4-1.25" (E) 1-3" (E)	240		1 (E)									
204	P.B. (E)	P.B. 2e (E)	2-3" (E)	470	1 (E)										
205	P.B. 2e (E)	P.B. 2f (E)	2-3" (E)	340	1 (E)										
206	P.B. 2f (E)	P.B. 2g (E)	4-1.25" (E) 1-3" (E)	105	1 (E)										
207	P.B. 2g (E)	P.B. (E)	4-1.25" (E) 1-3" (E)	365	1 (E)										
208	P.B. (E)	P.B. 2h (E)	2-3" (E)	470		1 (E)									
209	P.B. 2h (E)	P.B. 2i (E)	2-3" (E)	275		1 (E)									
210	P.B. 2i (E)	P.B. (E)	2-3" (E)	390		1 (E)									
211-300 NOT USED															
301	P.B. (E)	P.B. 3a (E)	4-1.25" (E) 1-3" (E)	295	1 (E)									TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 3a
302	P.B. 3a (E)	P.B. 3b (E)	4-1.25" (E) 1-3" (E)	320	1 (E)					(E)		(E)			
303	P.B. 3b (E)	P.B. 3c (E)	4-1.25" (E) 1-3" (E)	85	1 (E)										
304	P.B. 3c (E)	P.B. 4a (E)	4-1.25" (E) 1-3" (E)	520	1 (E)										

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PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS21	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

ATKINS
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DRAWN BY	ARC
CHECKED BY	JDP
REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS22

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
305	P.B. 3a (E)	P.B. 3i (E)	4-1.25" (E) 1-3" (E)	195			1			(E)					
306	P.B. (E)	P.B. 3d (E)	4-1.25" (E) 1-3" (E)	220	1 (E)										
307	P.B. 3d (E)	P.B. 3e (E)	4-1.25" (E) 1-3" (E)	55	1 (E)										
308	P.B. 3e (E)	P.B. 3f (E)	4-1.25" (E) 1-3" (E)	135	1 (E)										
309	P.B. 3f (E)	P.B. 3g (E)	4-1.25" (E) 1-3" (E)	325	1 (E)					(E)					
310	P.B. 3g (E)	P.B. 3h (E)	4-1.25" (E) 1-3" (E)	75	1 (E)					(E)					
311	P.B. 3h (E)	P.B. 3i (E)	4-1.25" (E) 1-3" (E)	300	1 (E)					(E)					
312	P.B. 3i (E)	P.B. 3j (E)	4-1.25" (E) 1-3" (E)	95	1 (E)		1			(E)					
313	P.B. 3j (E)	P.B. 3k (E)	4-1.25" (E) 1-3" (E)	100	1 (E)		1				3				
314	P.B. 3k (E)	P.B. 3l (E)	4-1.25" (E) 1-3" (E)	375	1 (E)										
315	P.B. 3l (E)	P.B. 4d (E)	4-1.25" (E) 1-3" (E)	230	1 (E)										
316	P.B. 3j (E)	P.B. 3m	2-3"	185							3		X		
317	P.B. 3m	POLE 301	2-3"	20							3		X		
318	P.B. 3k (E)	P.B. 3n	2-3"	145			1				3		X		
319	P.B. 3n	CABINET	2-3"	20			1	1	1	1	3				
320	P.B. 3n	POLE 302	1-3"	55					1	1					
321	P.B. 3n	P.B. 3o	1-3"	10				1							
322	P.B. 3o	CABINET	2-3"	20				1			3				
323	P.B. 3o	P.B. 3p	2-3"	265							3		X		
324	P.B. 3p	P.B. 3q	2-3"	95							3		X		
325	P.B. 3q	POLE 303	2-3"	15							3		X		
326-400 NOT USED															
401	P.B. 4a (E)	P.B. 4b (E)	4-1.25" (E) 1-3" (E)	570	1 (E)										
402	P.B. 4b (E)	P.B. 4c (E)	4-1.25" (E) 1-3" (E)	645	1 (E)										
403	P.B. 4d (E)	P.B. 4e (E)	4-1.25" (E) 1-3" (E)	245	1 (E)										
404	P.B. 4e (E)	P.B. 4f (E)	4-1.25" (E) 1-3" (E)	540	1 (E)										
405	P.B. 4f (E)	P.B. 4g (E)	4-1.25" (E) 1-3" (E)	250	1 (E)		1 (E)							TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 4g
406	P.B. 4g (E)	P.B. 4h (E)	4-1.25" (E) 1-3" (E)	370	1 (E)		1 (E), 1			(E)					
407	P.B. 4h (E)	P.B. 5d (E)	4-1.25" (E) 1-3" (E)	410	1 (E)		1			(E)					
408-500 NOT USED															
501	P.B. 4c (E)	P.B. 5a (E)	4-1.25" (E) 1-3" (E)	305	1 (E)										
502	P.B. 5a (E)	P.B. 5b (E)	4-1.25" (E) 1-3" (E)	355	1 (E)										
503	P.B. 5b (E)	P.B. 5c (E)	4-1.25" (E) 1-3" (E)	535	1 (E)										

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NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS22	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

ATKINS
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DRAWN BY	ARC
CHECKED BY	JDP
REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS23

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
504	P.B. 5c (E)	P.B. 6a (E)	4-1.25" (E) 1-3" (E)	590	1 (E)										
505	P.B. 5d (E)	P.B. 5e (E)	4-1.25" (E) 1-3" (E)	355	1 (E)		1			(E)	3				
506	P.B. 5e (E)	P.B. 5f (E)	4-1.25" (E) 1-3" (E)	575	1 (E)					(E)	3				
507	P.B. 5f (E)	P.B. 6h (E)	4-1.25" (E) 1-3" (E)	575	1 (E)					(E)					
508	P.B. 5d (E)	P.B. 5g	2-3"	40							3				
509	P.B. 5g	P.B. 5h	2-3"	110							3		X		
510	P.B. 5h	POLE 501	2-3"	15							3		X		
511	P.B. 5e (E)	P.B. 5i	2-3"	60			1				6				
512	P.B. 5i	CABINET	2-3"	20			1	1			3				
513	P.B. 5i	CABINET	2-3"	20				1	2	1	3				
514	P.B. 5i	P.B. 5j	1-3"	115					2	1					
515	P.B. 5j	POLE 502	1-3"	15					2	1					
516	P.B. 5f (E)	P.B. 5k	2-3"	175							3				
517	P.B. 5k	POLE 503	2-3"	25							3		X		
518-600 NOT USED															
601	P.B. 6a (E)	P.B. 6b (E)	4-1.25" (E) 1-3" (E)	400	1 (E)					(E)					
602	P.B. 6b (E)	P.B. 6c (E)	4-1.25" (E) 1-3" (E)	450	1 (E)		1			(E)					
603	P.B. 6c (E)	P.B. 6d (E)	4-1.25" (E) 1-3" (E)	55	1 (E)		1			(E)				TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 6d
604	P.B. 6d (E)	P.B. 7a (E)	4-1.25" (E) 1-3" (E)	465	1 (E)					(E)					
605	P.B. 6b (E)	P.B. 6e	2-3"	60			1								
606	P.B. 6e	POLE 601	2-3"	15							3		X		
607	P.B. 6e	P.B. 6f	2-3"	205			1				3		X		
608	P.B. 6f	P.B. 6g	2-3"	60			1				3		X		
609	P.B. 6g	POLE 603	1-3"	15					1						
610	P.B. 6g	CABINET	2-3"	15			1		1		3		X		
611	P.B. 6h (E)	P.B. 6i (E)	4-1.25" (E) 1-3" (E)	580	1 (E)										
612	P.B. 6i (E)	P.B. 6j (E)	4-1.25" (E) 1-3" (E)	315	1 (E)										
613	P.B. 6j (E)	P.B. 6k (E)	4-1.25" (E) 1-3" (E)	250	1 (E)										
614	P.B. 6k (E)	P.B. 7k (E)	4-1.25" (E) 1-3" (E)	530	1 (E)										
615-700 NOT USED															
701	P.B. 7a (E)	P.B. 7b (E)	4-1.25" (E) 1-3" (E)	295	1 (E)										
702	P.B. 7b (E)	P.B. 7c (E)	4-1.25" (E) 1-3" (E)	200	1 (E)							(E)			
703	P.B. 7c (E)	P.B. 7d (E)	4-1.25" (E) 1-3" (E)	200	1 (E)							(E)			
704	P.B. 7d (E)	P.B. 7e (E)	4-1.25" (E) 1-3" (E)	230	1 (E)							(E)		TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 7e
705	P.B. 7e (E)	P.B. 7f (E)	4-1.25" (E) 1-3" (E)	120	1 (E)		1			(E)					
706	P.B. 7f (E)	P.B. 8a (E)	4-1.25" (E) 1-3" (E)	605	1 (E)										
707	P.B. 7f (E)	P.B. 7g (E)	1-3" (E)	190			1			(E)					

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NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS23	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

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Telephone: 702/263-7275
Fax: 702/263-7200
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DESIGNED BY BJS
DRAWN BY ARC
CHECKED BY JDP
REVIEWED BY PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS24

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
708	P.B. 7g (E)	P.B. 7h	1-3"	115			1								
709	P.B. 7h	POLE 702	2-3"	15							3		X		
710	P.B. 7h	P.B. 7i	2-3"	105			1				3				
711	P.B. 7i	CABINET	2-3"	35			1		1		3				
712	P.B. 7i	P.B. 7j	1-3"	155					1						
713	P.B. 7j	POLE 704	1-3"	20					1						
714	P.B. 7k (E)	P.B. (E)	4-1.25" (E) 1-3" (E)	290	1 (E)							(E)			
715	P.B. 7l (E)	P.B. 7m (E)	4-1.25" (E) 1-3" (E)	115	1 (E)		1			1, (E)		(E)		TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 7l INSTALL NEW RADAR CABLING TO EXISTING FLOW DETECTOR
716	P.B. 7m (E)	P.B. 7n (E)	4-1.25" (E) 1-3" (E)	360	1 (E)							(E)			
717	P.B. 7n (E)	P.B. 8f (E)	4-1.25" (E) 1-3" (E)	500	1 (E)							(E)			
718	P.B. 7m (E)	P.B. 7o	1-3 (E)	150			1			1					INSTALL NEW RADAR CABLING TO EXISTING FLOW DETECTOR
719	P.B. 7o	P.B. 7p	2-3"	125			1				3				
720	P.B. 7p	CABINET	2-3"	15			1				3				
721	P.B. 7o	P.B. 7q	2-3"	70							3		X		
722	P.B. 7q	POLE 703	2-3"	10							3		X		
723	P.B. 7l (E)	POLE 701	1-3" (E)	230					1	(E)					
724	P.B. 7l (E)	EX. CABINET	2-3" (E)	30			1 (E)		1	1, (E)		(E)			INSTALL NEW RADAR CABLING TO EXISTING FLOW DETECTOR
725	P.B. 7l (E)	P.B. (E)	4-1.25" (E) 1-3" (E)	120	1 (E)							(E)			
726	P.B. 7o	EX. POLE	1-3" (E)	10						1					INSTALL NEW RADAR CABLING TO EXISTING FLOW DETECTOR
727-800 NOT USED															
801	P.B. 8a (E)	P.B. 8b (E)	4-1.25" (E) 1-3" (E)	385	1 (E)										
802	P.B. 8b (E)	P.B. 8c (E)	4-1.25" (E) 1-3" (E)	305	1 (E)										
803	P.B. 8c (E)	P.B. 8d (E)	4-1.25" (E) 1-3" (E)	235	1 (E)										
804	P.B. 8d (E)	P.B. 8e (E)	4-1.25" (E) 1-3" (E)	485	1 (E)									TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 8e
805	P.B. 8e (E)	P.B. 9a (E)	4-1.25" (E) 1-3" (E)	385	1 (E)		1								
806	P.B. 8f (E)	P.B. 8g (E)	4-1.25" (E) 1-3" (E)	390	1 (E)							(E)			
807	P.B. 8g (E)	P.B. 8h (E)	4-1.25" (E) 1-3" (E)	465	1 (E)							(E)			
808	P.B. 8h (E)	P.B. 8i (E)	4-1.25" (E) 1-3" (E)	110	1 (E)					(E)		(E)			
809	P.B. 8i (E)	P.B. 8j (E)	4-1.25" (E) 1-3" (E)	265	1 (E)							(E)			
810	P.B. 8j (E)	P.B. 9f (E)	4-1.25" (E) 1-3" (E)	265	1 (E)							(E)			
811-900 NOT USED															
901	P.B. 9a (E)	P.B. 9b (E)	4-1.25" (E) 1-3" (E)	955	1 (E)										
902	P.B. 9b (E)	P.B. 9c (E)	4-1.25" (E) 1-3" (E)	145	1 (E)										
903	P.B. 9c (E)	P.B. 10a (E)	4-1.25" (E) 1-3" (E)	115	1 (E)										
904	P.B. 10a (E)	POLE 903	2-3" (E)	25					(E), 1						
905	P.B. 9a (E)	P.B. 9d	2-3"	320			1								
906	P.B. 9d	CABINET	2-3"	55			1			1	3		X		
907	P.B. 9d	P.B. 9e	2-3"	65						1	3		X		

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS24	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

ATKINS
2270 Corporate Circle
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DESIGNED BY	BJS
DRAWN BY	ARC
CHECKED BY	JDP
REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS25

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
908	P.B. 9e	POLE 901	2-3"	10						1	3		X		
909	P.B. 9f (E)	P.B. 9g (E)	4-1.25" (E) 1-3" (E)	465	1 (E)										
910	P.B. 9g (E)	P.B. 9h (E)	4-1.25" (E) 1-3" (E)	475	1 (E)		1								
911	P.B. 9h (E)	P.B. 9i (E)	4-1.25" (E) 1-3" (E)	445	1 (E)		1							TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 9i
912	P.B. 9i (E)	P.B. 10e (E)	4-1.25" (E) 1-3" (E)	865	1 (E)										
913	P.B. 9g (E)	P.B. 9j	2-3"	80			1								
914	P.B. 9j	CABINET	2-3"	20			1		1		3		X		
915	P.B. 9j	POLE 904	1-3"	10					1						
916	P.B. 9j	P.B. 9k	2-3"	135							3		X		
917	P.B. 9k	P.B. 9l	2-3"	70							3		X		
918	P.B. 9l	POLE 902	2-3"	15							3		X		
919-1000 NOT USED															
1001	P.B. 10a (E)	CABINET (E)	2-3" (E)	25					(E), 1						
1002	P.B. 10a (E)	P.B. 10b (E)	4-1.25" (E) 1-3" (E)	505	1 (E)					(E)		(E)			
1003	P.B. 10b (E)	P.B. 10c (E)	4-1.25" (E) 1-3" (E)	400	1 (E)							(E)			
1004	P.B. 10c (E)	P.B. 10d (E)	4-1.25" (E) 1-3" (E)	510	1 (E)							(E)		TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 10d
1005	P.B. 10d (E)	P.B. 11a (E)	4-1.25" (E) 1-3" (E)	390	1 (E)										
1006	P.B. 10e (E)	P.B. 10k E)	4-1.25" (E) 1-3" (E)	715	1 (E)									TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 10k
1007	P.B. 10k (E)	P.B. 10f	2-3"	50			1								
1008	P.B. 10f	P.B. 10g	2-3"	45			1								
1009	P.B. 10g	POLE 1001	2-3"	10							3		X		
1010	P.B. 10g	P.B. 10h	2-3"	270			1				3		X		
1011	P.B. 10h	CABINET	2-3"	10			1				3		X		
1012	P.B. 10d (E)	P.B. 10l	2-3"	100			1								
1013	P.B. 10l	P.B. 10i	2-3"	140			1				3		X		
1014	P.B. 10i	CABINET	2-3"	20			1		1		3		X		
1015	P.B. 10i	POLE 1003	1-3"	10					1						
1016	P.B. 10l	P.B. 10j	2-3"	50							3		X		
1017	P.B. 10j	POLE 1002	2-3"	15							3		X		
1018	P.B. 10k (E)	P.B. 11e (E)	4-1.25" (E) 1-3" (E)	535	1 (E)							(E)			
1019-1100 NOT USED															
1101	P.B. 11a (E)	P.B. 11b (E)	4" w/ 4-1.25" (E) 1-3" (E)	370	1 (E)										
1102	P.B. 11b (E)	P.B. 11c (E)	4-1.25" (E) 1-3" (E)	345	1 (E)										
1103	P.B. 11c (E)	P.B. 11d (E)	4-1.25" (E) 1-3" (E)	160	1 (E)										
1104	P.B. 11d (E)	P.B. 12a (E)	4-1.25" (E) 1-3" (E)	525	1 (E)										
1105	P.B. 11e (E)	P.B. 11f (E)	4-1.25" (E) 1-3" (E)	535	1 (E)					(E)		(E)			
1106	P.B. 11f (E)	P.B. 11g (E)	4-1.25" (E) 1-3" (E)	40	1 (E)					(E)		(E)			
1107	P.B. 11g (E)	P.B. 11h (E)	4-1.25" (E) 1-3" (E)	300	1 (E)					(E)		(E)			

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS25	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

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CHECKED BY	JDP
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS26

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
1108	P.B. 11h (E)	P.B. 12e (E)	4-1.25" (E) 1-3" (E)	685	1 (E)					(E)		(E)		TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 12e
1109-1200 NOT USED															
1201	P.B. 12a (E)	P.B. 12b (E)	4-1.25" (E) 1-3" (E)	500	1 (E)										
1202	P.B. 12b (E)	P.B. 12c (E)	4-1.25" (E) 1-3" (E)	545	1 (E)		1 (E), 1					(E)		TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 12c
1203	P.B. 12c (E)	P.B. 13a (E)	4-1.25" (E) 1-3" (E)	430	1 (E)										
1204	P.B. 12b (E)	P.B. 12d	2-3"	90							3		X		
1205	P.B. 12d	POLE 1201	2-3"	15							3		X		
1206	P.B. 12b (E)	CABINET	2-3"	25			1		1		3		X		
1207	P.B. 12b (E)	POLE 1204	1-3" (E)	80					1	(E)					
1208	P.B. 12e (E)	P.B. 13e (E)	4-1.25" (E) 1-3" (E)	1165	1 (E)										
1209	P.B. 12e (E)	CABINET	2-3"	30			1			1	3				
1210	P.B. 12e (E)	POLE 1202	1-3"	20						1					
1211	P.B. 12e (E)	P.B. 12f	2-3"	330							3		X		
1212	P.B. 12f	POLE 1203	2-3"	15							3		X		
1213-1300 NOT USED															
1301	P.B. 13a (E)	P.B. 13b (E)	4-1.25" (E) 1-3" (E)	455	1 (E)										
1302	P.B. 13b (E)	P.B. 13c (E)	4-1.25" (E) 1-3" (E)	560	1 (E)										
1303	P.B. 13c (E)	P.B. 13d (E)	4-1.25" (E) 1-3" (E)	190	1 (E)										
1304	P.B. 13d (E)	P.B. 14a (E)	4-1.25" (E) 1-3" (E)	385	1 (E)										
1305	P.B. 13c (E)	POLE 1302	1-3" (E)	30			1 (E)								
1306	P.B. 13e (E)	P.B. 13f (E)	4-1.25" (E) 1-3" (E)	275	1 (E)		1 (E)								
1307	P.B. 13f (E)	P.B. 13g (E)	4-1.25" (E) 1-3" (E)	655	1 (E)										
1308	P.B. 13g (E)	P.B. 14h (E)	4-1.25" (E) 1-3" (E)	790	1 (E)										
1309	POLE 1302	CABINET	1-3" (E)	5						1	(E)				
1310-1400 NOT USED															
1401	P.B. 14a (E)	P.B. 14b (E)	4-1.25" (E) 1-3" (E)	355	1 (E)										
1402	P.B. 14b (E)	P.B. 14c (E)	4-1.25" (E) 1-3" (E)	210	1 (E)				(E)					TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 14c
1403	P.B. 14c (E)	P.B. 14d (E)	4-1.25" (E) 1-3" (E)	180	1 (E)		1			(E)					
1404	P.B. 14d (E)	P.B. 14e (E)	4-1.25" (E) 1-3" (E)	500	1 (E)					(E)					
1405	P.B. 14e (E)	P.B. 15a (E)	4-1.25" (E) 1-3" (E)	655	1 (E)										
1406	P.B. 14d (E)	P.B. 14f	1-3"	50			1						X		
1407	P.B. 14f	POLE 1404	2-3"	20							3		X		
1408	P.B. 14f	P.B. 14g	2-3"	140			1				3		X		
1409	P.B. 14g	CABINET	2-3"	10			1		1		3		X		
1410	P.B. 14g	POLE 1403	1-3"	25					1						
1411	P.B. 14h (E)	P.B. 14i (E)	4-1.25" (E) 1-3" (E)	180	1 (E)		1				3			TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 14i

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS26	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS27

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
1412	P.B. 14i (E)	P.B. 14j (E)	4-1.25" (E) 1-3" (E)	185	1 (E)					(E)					
1413	P.B. 14j (E)	P.B. 14k (E)	4-1.25" (E) 1-3" (E)	295	1 (E)										
1414	P.B. 14k (E)	P.B. 14l (E)	4-1.25" (E) 1-3" (E)	205	1 (E)										
1415	P.B. 14l (E)	P.B. 15e (E)	4-1.25" (E) 1-3" (E)	365	1 (E)										
1416	P.B. 14h (E)	POLE 1401	1-3"	50					1						
1417	P.B. 14h (E)	CABINET	2-3"	20			1		1		3				
1418	P.B. 14i (E)	P.B. 14m	2-3"	85							3				
1419	P.B. 14m	P.B. 14n	2-3"	50							3		X		
1420	P.B. 14n	POLE 1402	2-3"	10							3		X		
1421-1500 NOT USED															
1501	P.B. 15a (E)	P.B. 15b (E)	4-1.25" (E) 1-3" (E)	645	1 (E)										
1502	P.B. 15b (E)	P.B. 15c (E)	4-1.25" (E) 1-3" (E)	140	1 (E)					(E)	3			TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 15c
1503	P.B. 15c (E)	P.B. 16a (E)	4-1.25" (E) 1-3" (E)	345	1 (E)										
1504	P.B. 15b (E)	P.B. 15d	2-3"	60							3				
1505	P.B. 15d	POLE 1501	2-3"	10							3		X		
1506	P.B. 15c (E)	CABINET	2-3"	60			1				3		X		
1507	P.B. 15e (E)	P.B. 15f (E)	4-1.25" (E) 1-3" (E)	290	1 (E)										
1508	P.B. 15f (E)	P.B. 15g (E)	4-1.25" (E) 1-3" (E)	245	1 (E)										
1509	P.B. 15g (E)	P.B. 15h (E)	4-1.25" (E) 1-3" (E)	315	1 (E)										
1510	P.B. 15h (E)	P.B. 15i (E)	4-1.25" (E) 1-3" (E)	145	1 (E)		1 *								* FIBER OPTIC DROP CABLE INSTALLED PER CW-12
1511	P.B. 15i (E)	P.B. 15k (E)	4-1.25" (E) 1-3" (E)	215	1 (E)		1 *								* FIBER OPTIC DROP CABLE INSTALLED PER CW-12
1512	P.B. 15k (E)	J. BOX 15j (E)	1-4" (4-1.25") (E) 1-3" (E)	35	1 (E)		1 *								* FIBER OPTIC DROP CABLE INSTALLED PER CW-12
1513	J. BOX 15j (E)	J. BOX 16g (E)	1-4" (4-1.25") (E) 1-3" (E)	615	1 (E)		1 *								* FIBER OPTIC DROP CABLE INSTALLED PER CW-12
1514-1600 NOT USED															
1601	P.B. 16a (E)	P.B. 16b (E)	4-1.25" (E) 1-3" (E)	350	1 (E)										
1602	P.B. 16b (E)	P.B. 16c (E)	4-1.25" (E) 1-3" (E)	170	1 (E)										
1603	P.B. 16c (E)	J. BOX 16d (E)	1-4" (4-1.25") (E) 1-3" (E)	55	1 (E)										
1604	J. BOX 16d (E)	P.B. 16e (E)	1-4" (4-1.25") (E) 1-3" (E)	350	1 (E)										
1605	P.B. 16e (E)	P.B. 16f (E)	1-4" (4-1.25") (E) 1-3" (E)	390	1 (E)					(E)				TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 16f
1606	P.B. 16f (E)	P.B. 17b (E)	4-1.25" (E) 1-3" (E)	535	1 (E)										
1607	P.B. 16f (E)	CABINET	2-3"	15			1				3		X		
1608	P.B. 16f (E)	P.B. 17a	2-3"	280							3		X		
1609	J. BOX 16g (E)	J. BOX 16h (E)	1-4" (4-1.25") (E) 1-3" (E)	715	1 (E)										
1610	J. BOX 16h (E)	P.B. 16i (E)	1-4" (4-1.25") (E) 1-3" (E)	30	1 (E)										

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS27	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS28

CONDUIT & CABLE SCHEDULE

RUN NO.	FROM	TO	CONDUIT(S)	CONDUIT LENGTH (FT)	FIBER OPTIC (96 STR)	FIBER OPTIC (72 STR)	FIBER OPTIC (12 STR)	ETHERNET CABLES	CCTV CABLES	RADAR CABLES	DMS CABLES	ELECTRICAL SERVICE	CONDUIT RUN PATH SHARED WITH LIGHTING	SPLICE TYPE	NOTES
1611	P.B. 16i (E)	P.B. 17i (E)	4-1.25" (E) 1-3" (E)	435	1 (E)										
1612-1700 NOT USED															
1701	P.B. 17b (E)	J. BOX 17c (E)	4-1.25" (E) 1-3" (E)	295	1 (E)										
1702	J. BOX 17c (E)	J. BOX 17d (E)	1-4" (4-1.25") (E) 1-3" (E)	175	1 (E)							(E)			
1703	J. BOX 17d (E)	P.B. 17e (E)	4-1.25" (E) 1-3" (E)	10	1 (E)							(E)			
1704	P.B. 17e (E)	P.B. 17f (E)	4-1.25" (E) 1-3" (E)	130	1 (E)							(E)			
1705	P.B. 17f (E)	P.B. 17g (E)	4-1.25" (E) 1-3" (E)	215	1 (E)										
1706	P.B. 17g (E)	P.B. 17h (E)	4-1.25" (E) 1-3" (E)	185	1 (E)										
1707	P.B. 17h (E)	P.B. 18a (E)	4-1.25" (E) 1-3" (E)	175	1 (E)									TYPE 2	MODIFY EX. FIBER OPTIC SPLICE IN P.B. 18a
1708	P.B. 17a	POLE 1701	2-3"	10							3		X		
1709	P.B. 17i (E)	P.B. 17j (E)	4-1.25" (E) 1-3" (E)	600	1 (E)					(E)					
1710	P.B. 17j (E)	P.B. 17k (E)	4-1.25" (E) 1-3" (E)	520	1 (E)					(E)					
1711	P.B. 17k (E)	P.B. 17l (E)	4-1.25" (E) 1-3" (E)	75	1 (E)										
1712	P.B. 17l (E)	P.B. 17m (E)	4-1.25" (E) 1-3" (E)	105	1 (E)										
1713	P.B. 17m (E)	P.B. 17n (E)	4-1.25" (E) 1-3" (E)	55	1 (E)										
1714	P.B. 17n (E)	P.B. 18e (E)	4-1.25" (E) 1-3" (E)	170	1 (E)										
1715	P.B. 17k (E)	POLE 1702	1-3" *	70					1, 1 *						* CCTV CABLE AND CONDUIT INSTALLED PER CW-12
1716	P.B. 17k (E)	CABINET	2-3" *	15			1 *		1, 1 *		3 *				* FIBER OPTIC DROP CABLE, CCTV CABLE, DMS CABLES, AND CONDUITS INSTALLED PER CW-12
1717-1800 NOT USED															
1801	P.B. 18a (E)	P.B. 18b (E)	4-1.25" (E) 1-3" (E)	295	1 (E)										
1802	P.B. 18b (E)	P.B. 18c (E)	4-1.25" (E) 1-3" (E)	950	1 (E)										
1803	P.B. 18c (E)	P.B. 18d (E)	4-1.25" (E) 1-3" (E)	15	1 (E)										
1804	P.B. 18d (E)	J. BOX (E)	4-1.25" (E) 1-3" (E)	865	1 (E)										
1805	P.B. 18a (E)	P.B. 18j (E)	2-3" (E)	130			1 (E), 1								
1806	P.B. 18j (E)	P.B. 18k (E)	2-3" (E)	415			1 (E), 1								
1807	P.B. 18k (E)	P.B. 18l (E)	2-3" (E)	360			1 (E)								
1808	P.B. 18l (E)	POLE 1802	1-3" (E)	180					1	(E)					
1809	P.B. 18m	P.B. 18n	2-3"	160							3		X		
1810	P.B. 18n	POLE 1801	2-3"	15							3		X		
1811	P.B. 18m	CABINET	2-3"	15			1				3				
1812	P.B. 18e (E)	P.B. 18f (E)	4-1.25" (E) 1-3" (E)	65	1 (E)										
1813	P.B. 18f (E)	P.B. 18g (E)	4-1.25" (E) 1-3" (E)	605	1 (E)										
1814	P.B. 18g (E)	P.B. 18h (E)	4-1.25" (E) 1-3" (E)	175	1 (E)										
1815	P.B. 18h (E)	P.B. 18i (E)	4-1.25" (E) 1-3" (E)	535	1 (E)										
1816	P.B. 18i (E)	P.B. (E)	4-1.25" (E) 1-3" (E)	445	1 (E)										
1817	P.B. 18m	P.B. 18k (E)	2-3"	80			1								
1818	P.B. 18l (E)	CABINET	2-3" (E)	40					1	(E)					

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS28	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT & CABLE SCHEDULE

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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DESIGNED BY	BJS
DRAWN BY	ARC
CHECKED BY	JDP
REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS29

PULL BOX SCHEDULE

NAME	STATION (+/-)	OFFSET (+/-)	TYPE	INSTALLATION	NOTES
1a	"Le" 413+51	93' LT	M.H.	(E)	
1b	"Le" 419+79	91' LT	No. 7 P.B.	(E)	
1c	"Le" 423+82	151' LT	No. 7 P.B.	BELOW-GRADE	
1d	"Le" 422+33	149' LT	No. 7 P.B.	BELOW-GRADE	
1e	"Le" 419+79	131' LT	No. 7 P.B.	BELOW-GRADE	
1f	"Le" 411+02	162' RT	No. 9 P.B.	(E)	
1g	"Le" 414+91	186' RT	No. 9 P.B.	(E)	
1h	"Le" 417+02	208' RT	No. 7 P.B.	(E)	
1i	"Le" 419+00	238' RT	No. 7 P.B.	(E)	
1j	"Le" 420+60	170' RT	No. 7 P.B.	(E)	
1k	"Le" 422+08	109' RT	No. 7 P.B.	BELOW-GRADE	
1l	"Le" 422+23	122' RT	No. 7 P.B.	(E)	
2a	"Le" 426+00	93' LT	No. 9 P.B.	(E)	
2b	"Le" 429+07	99' LT	No. 9 P.B.	(E)	
2c	"Le" 425+02	186' RT	No. 9 P.B.	(E)	
2d	"Le" 426+63	368' RT	No. 7 P.B.	(E)	
2e	"Le" 435+98	165' LT	No. 9 P.B.	(E)	
2f	"Le" 434+98	160' RT	No. 9 P.B.	(E)	
2g	"Le" 435+21	262' RT	No. 7 P.B.	(E)	
2h	"Le" 437+64	76' LT	No. 9 P.B.	(E)	
2i	"Le" 437+11	193' RT	No. 9 P.B.	(E)	
3a	"Le" 448+23	367' LT	No. 9 P.B.	(E)	
3b	"Le" 451+12	228' LT	No. 9 P.B.	(E)	
3c	"Le" 451+91	264' LT	M.H.	(E)	
3d	"Le" 441+99	194' RT	No. 9 P.B.	(E)	
3e	"Le" 442+48	217' RT	No. 9 P.B.	(E)	
3f	"Le" 443+14	96' RT	No. 9 P.B.	(E)	
3g	"Le" 444+35	206' LT	No. 9 P.B.	(E)	
3h	"Le" 445+09	203' LT	No. 7 P.B.	(E)	
3i	"Le" 448+07	176' LT	No. 9 P.B.	(E)	
3j	"Le" 448+08	85' LT	No. 9 P.B.	(E)	
3k	"Le" 449+06	92' LT	No. 7 P.B.	(E)	
3l	"Le" 452+78	97' LT	No. 9 P.B.	(E)	
3m	"Le" 446+25	85' LT	No. 7 P.B.	BELOW-GRADE	
3n	"Le" 450+50	91' LT	No. 7 P.B.	BELOW-GRADE	
3o	"Le" 450+50	83' LT	No. 7 P.B.	BELOW-GRADE	
3p	"Le" 453+12	87' LT	No. 7 P.B.	BELOW-GRADE	
3q	"Le" 453+12	0' RT	No. 7 P.B.	TOP OF BARRIER FLARE	
4a	"Le" 456+85	106' LT	M.H.	(E)	
4b	"Le" 462+54	87' LT	M.H.	(E)	
4c	"Le" 468+98	86' LT	M.H.	(E)	
4d	"Le" 455+06	93' LT	No. 9 P.B.	(E)	
4e	"Le" 456+18	126' RT	No. 9 P.B.	(E)	
4f	"Le" 461+50	110' RT	No. 9 P.B.	(E)	
4g	"Le" 463+98	116' RT	No. 9 P.B.	(E)	
4h	"Le" 467+68	108' RT	No. 7 P.B.	(E)	
5a	"Le" 472+04	86' LT	M.H.	(E)	
5b	"Le" 475+60	85' LT	M.H.	(E)	
5c	"Le" 480+98	85' LT	M.H.	(E)	
5d	"Le" 471+76	107' RT	No. 7 P.B.	(E)	
5e	"Le" 475+23	85' RT	M.H.	(E)	

PULL BOX SCHEDULE

NAME	STATION (+/-)	OFFSET (+/-)	TYPE	INSTALLATION	NOTES
5f	"Le" 481+00	86' RT	M.H.	(E)	
5g	"Le" 472+20	102' RT	No. 7 P.B.	BELOW-GRADE	
5h	"Le" 472+20	0' RT	No. 7 P.B.	TOP OF BARRIER FLARE	
5i	"Le" 474+70	106' RT	No. 7 P.B.	BELOW-GRADE	
5j	"Le" 475+87	106' RT	No. 7 P.B.	BELOW-GRADE	
5k	"Le" 482+70	91' RT	No. 7 P.B.	BELOW-GRADE	
6a	"Le" 486+87	85' LT	M.H.	(E)	
6b	"Le" 490+90	86' LT	M.H.	(E)	
6c	"Le" 495+38	84' LT	M.H.	(E)	
6d	"Le" 495+38	137' LT	No. 9 P.B.	(E)	
6e	"Le" 491+47	96' LT	No. 7 P.B.	TOP OF BARRIER FLARE	
6f	"Le" 493+44	94' LT	No. 7 P.B.	TRAFFIC RATED	
6g	"Le" 493+44	149' LT	No. 7 P.B.	BELOW-GRADE	
6h	"Le" 486+77	84' RT	M.H.	(E)	
6i	"Le" 492+56	150' RT	No. 7 P.B.	(E)	
6j	"Le" 495+74	168' RT	No. 7 P.B.	(E)	
6k	"Le" 498+24	217' RT	No. 9 P.B.	(E)	
7a	"Le" 500+00	149' LT	No. 9 P.B.	(E)	
7b	"Le" 502+96	153' LT	No. 7 P.B.	(E)	
7c	"Le" 504+91	166' LT	No. 9 P.B.	(E)	
7d	"Le" 506+87	204' LT	No. 7 P.B.	(E)	
7e	"Le" 509+00	293' LT	No. 9 P.B.	(E)	
7f	"Le" 509+44	183' LT	No. 7 P.B.	(E)	
7g	"Le" 507+85	88' LT	No. 7 P.B.	(E)	
7h	"Le" 508+94	94' LT	No. 7 P.B.	BELOW-GRADE	
7i	"Le" 509+97	96' LT	No. 7 P.B.	BELOW-GRADE	
7j	"Le" 511+46	124' LT	No. 7 P.B.	BELOW-GRADE	
7k	"Le" 503+44	330' RT	No. 7 P.B.	(E)	
7l	"Le" 506+81	324' RT	No. 9 P.B.	(E)	
7m	"Le" 507+45	231' RT	No. 7 P.B.	(E)	
7n	"Le" 511+02	272' RT	No. 7 P.B.	(E)	
7o	"Le" 508+11	97' RT	No. 7 P.B.	BELOW-GRADE	
7p	"Le" 506+90	101' RT	No. 7 P.B.	BELOW-GRADE	
7q	"Le" 508+76	90' RT	No. 7 P.B.	BELOW-GRADE	
8a	"Le" 515+40	287' LT	No. 7 P.B.	(E)	
8b	"Le" 519+21	306' LT	No. 9 P.B.	(E)	
8c	"Le" 522+22	266' LT	No. 9 P.B.	(E)	
8d	"Le" 523+81	435' LT	No. 7 P.B.	(E)	
8e	"Le" 528+13	222' LT	No. 9 P.B.	(E)	
8f	"Le" 515+98	356' RT	No. 7 P.B.	(E)	
8g	"Le" 519+84	352' RT	No. 9 P.B.	(E)	
8h	"Le" 524+34	245' RT	No. 7 P.B.	(E)	
8i	"Le" 524+80	342' RT	No. 9 P.B.	(E)	
8j	"Le" 527+25	243' RT	No. 7 P.B.	(E)	
9a	"Le" 531+97	164' LT	No. 7 P.B.	(E)	
9b	"Le" 541+52	129' LT	No. 7 P.B.	(E)	
9c	"Le" 542+96	132' LT	No. 7 P.B.	(E)	
9d	"Le" 535+17	138' LT	No. 7 P.B.	BELOW-GRADE	
9e	"Le" 535+17	82' LT	No. 7 P.B.	TOP OF BARRIER FLARE	
9f	"Le" 529+75	166' RT	No. 9 P.B.	(E)	
9g	"Le" 534+38	149' RT	No. 7 P.B.	(E)	

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS29	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PULL BOX SCHEDULE

ATKINS
2270 Corporate Circle
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DESIGNED BY BJS
DRAWN BY ARC
CHECKED BY JDP
REVIEWED BY PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS30

PULL BOX SCHEDULE

NAME	STATION (+/-)	OFFSET (+/-)	TYPE	INSTALLATION	NOTES
9h	"Le" 539+09	143' RT	No. 7 P.B.	(E)	
9i	"Le" 543+55	137' RT	No. 9 P.B.	(E)	
9j	"Le" 533+58	140' RT	No. 7 P.B.	BELOW-GRADE	
9k	"Le" 534+86	140' RT	No. 7 P.B.	BELOW-GRADE	
9l	"Le" 534+86	74' RT	No. 7 P.B.	TOP OF BARRIER FLARE	
10a	"Le" 544+08	140' LT	No. 9 P.B.	(E)	
10b	"Le" 549+14	142' LT	No. 7 P.B.	(E)	
10c	"Le" 553+14	145' LT	No. 7 P.B.	(E)	
10d	"Le" 558+20	145' LT	No. 9 P.B.	(E)	
10e	"Le" 552+16	137' RT	No. 7 P.B.	(E)	
10f	"Le" 558+82	144' RT	No. 7 P.B.	BELOW-GRADE	
10g	"Le" 558+82	103' RT	No. 7 P.B.	TOP OF BARRIER FLARE	
10h	"Le" 556+15	102' RT	No. 7 P.B.	BELOW-GRADE	
10i	"Le" 560+56	145' LT	No. 7 P.B.	BELOW-GRADE	
10j	"Le" 559+18	91' LT	No. 7 P.B.	TOP OF BARRIER FLARE	
10k	"Le" 559+31	148' RT	M.H.	(E)	
10l	"Le" 559+17	140' LT	No. 7 P.B.	BELOW-GRADE	
11a	"Le" 562+07	150' LT	No. 7 P.B.	(E)	
11b	"Le" 565+72	149' LT	No. 9 P.B.	(E)	
11c	"Le" 569+05	237' LT	No. 7 P.B.	(E)	
11d	"Le" 569+75	95' LT	No. 9 P.B.	(E)	
11e	"Le" 564+63	178' RT	M.H.	(E)	
11f	"Le" 569+96	225' RT	M.H.	(E)	
11g	"Le" 569+95	262' RT	No. 9 P.B.	(E)	
11h	"Le" 572+95	275' RT	No. 9 P.B.	(E)	
12a	"Le" 574+99	84' LT	No. 7 P.B.	(E)	
12b	"Le" 579+97	81' LT	No. 7 P.B.	(E)	
12c	"Le" 585+40	108' LT	No. 9 P.B.	(E)	
12d	"Le" 579+11	90' LT	No. 7 P.B.	BELOW-GRADE	
12e	"Le" 579+54	129' RT	No. 9 P.B.	(E)	
12f	"Le" 582+82	119' RT	No. 7 P.B.	BELOW-GRADE	
13a	"Le" 589+70	97' LT	No. 7 P.B.	(E)	
13b	"Le" 594+26	108' LT	No. 9 P.B.	(E)	
13c	"Le" 599+85	106' LT	No. 9 P.B.	(E)	
13d	"Le" 601+76	109' LT	No. 7 P.B.	(E)	
13e	"Le" 591+20	120' RT	No. 9 P.B.	(E)	
13f	"Le" 593+94	122' RT	No. 7 P.B.	(E)	
13g	"Le" 600+51	123' RT	No. 7 P.B.	(E)	
14a	"Le" 605+60	94' LT	No. 7 P.B.	(E)	
14b	"Le" 609+15	100' LT	No. 7 P.B.	(E)	
14c	"Le" 611+25	118' LT	No. 9 P.B.	(E)	
14d	"Le" 613+03	118' LT	No. 7 P.B.	(E)	
14e	"Le" 617+97	140' LT	No. 7 P.B.	(E)	
14f	"Le" 613+50	111' LT	No. 7 P.B.	BELOW-GRADE	
14g	"Le" 614+87	124' LT	No. 7 P.B.	BELOW-GRADE	
14h	"Le" 608+42	141' RT	No. 9 P.B.	(E)	
14i	"Le" 610+18	145' RT	No. 9 P.B.	(E)	
14j	"Le" 612+02	146' RT	No. 7 P.B.	(E)	
14k	"Le" 614+93	158' RT	No. 7 P.B.	(E)	

PULL BOX SCHEDULE

NAME	STATION (+/-)	OFFSET (+/-)	TYPE	INSTALLATION	NOTES
14l	"Le" 616+90	112' RT	No. 7 P.B.	(E)	
14m	"Le" 611+00	140' RT	No. 7 P.B.	BELOW-GRADE	
14n	"Le" 610+91	96' RT	No. 7 P.B.	BELOW-GRADE	
15a	"Le" 624+51	118' LT	No. 7 P.B.	(E)	
15b	"Le" 630+93	111' LT	No. 7 P.B.	(E)	
15c	"Le" 631+81	197' LT	No. 9 P.B.	(E)	
15d	"Le" 630+35	108' LT	No. 7 P.B.	BELOW-GRADE	
15e	"Le" 620+44	187' RT	No. 7 P.B.	(E)	
15f	"Le" 623+32	202' RT	No. 9 P.B.	(E)	
15g	"Le" 625+73	203' RT	No. 7 P.B.	(E)	
15h	"Le" 628+69	115' RT	No. 9 P.B.	(E)	
15i	"Le" 630+05	152' RT	No. 7 P.B.	(E)	
15j	"Le" 632+21	147' RT	JUNCTION BOX	(E)	
15k	"Le" 632+05	148' RT	No. 7 P.B.	(E)	
16a	"Le" 635+21	164' LT	No. 7 P.B.	(E)	
16b	"Le" 638+69	180' LT	No. 9 P.B.	(E)	
16c	"Le" 640+26	121' LT	No. 7 P.B.	(E)	
16d	"Le" 640+80	120' LT	JUNCTION BOX	(E)	
16e	"Le" 644+15	109' LT	No. 7 P.B.	(E)	
16f	"Le" 648+01	106' LT	No. 9 P.B.	(E)	
16g	"Le" 638+35	149' RT	JUNCTION BOX	(E)	
16h	"Le" 645+48	148' RT	JUNCTION BOX	(E)	
16i	"Le" 645+48	159' RT	No. 7 P.B.	(E)	
17a	"Le" 650+61	116' LT	No. 7 P.B.	BELOW-GRADE	
17b	"Le" 653+30	117' LT	No. 7 P.B.	(E)	
17c	"Le" 656+24	118' LT	JUNCTION BOX	(E)	
17d	"Le" 657+97	147' LT	JUNCTION BOX	(E)	
17e	"Le" 658+01	140' LT	No. 7 P.B.	(E)	
17f	"Le" 659+25	103' LT	No. 9 P.B.	(E)	
17g	"Le" 661+36	146' LT	No. 7 P.B.	(E)	
17h	"Le" 663+18	165' LT	No. 7 P.B.	(E)	
17i	"Le" 649+82	161' RT	No. 7 P.B.	(E)	
17j	"Le" 655+82	144' RT	No. 7 P.B.	(E)	
17k	"Le" 660+99	111' RT	No. 9 P.B.	(E)	
17l	"Le" 661+62	144' RT	No. 7 P.B.	(E)	
17m	"Le" 662+62	113' RT	No. 7 P.B.	(E)	
17n	"Le" 663+11	122' RT	No. 7 P.B.	(E)	
18a	"Le" 664+93	165' LT	No. 9 P.B.	(E)	
18b	"Le" 667+69	263' LT	No. 7 P.B.	(E)	
18c	"Le" 677+03	157' LT	No. 9 P.B.	(E)	
18d	"Le" 677+16	156' LT	No. 7 P.B.	(E)	
18e	"Le" 664+83	135' RT	No. 9 P.B.	(E)	
18f	"Le" 665+46	136' RT	No. 7 P.B.	(E)	
18g	"Le" 671+49	110' RT	No. 9 P.B.	(E)	
18h	"Le" 673+22	132' RT	No. 7 P.B.	(E)	
18i	"Le" 678+66	116' RT	No. 7 P.B.	(E)	
18j	"Le" 666+03	98' LT	No. 7 P.B.	(E)	
18k	"Le" 670+18	98' LT	No. 7 P.B.	(E)	
18l	"Le" 673+81	98' LT	No. 7 P.B.	(E)	
18m	"Le" 669+40	108' LT	No. 7 P.B.	BELOW-GRADE	
18n	"Le" 667+88	99' LT	No. 7 P.B.	BELOW-GRADE	

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PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS30	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PULL BOX SCHEDULE

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS31

STRUCTURE SCHEDULE

POLE	SHEET NO.	STATION	OFFSET	POLE TYPE	EQUIPMENT TO BE INSTALLED	NOTES
101	ITS1	"Le" 420+21	163' RT	30' ITS	CCTV 1	
102	ITS1	"Le" 422+15	140' LT / 0' LT	GANTRY	DMS 1	TYPE 2 DMS, TYPE 3 DMS (2)
103	ITS1	"Le" 422+00	108' RT / 0' LT	GANTRY	DMS 2	TYPE 2 DMS, TYPE 3 DMS (2)
301	ITS3	"Le" 446+10	84' LT / 0' LT	GANTRY	DMS 3	TYPE 2 DMS, TYPE 3 DMS (2)
302	ITS3	"Le" 450+00	106' LT	30' ITS	CCTV 2, DET 1	
303	ITS3	"Le" 453+22	82' RT / 0' RT	GANTRY	DMS 4	TYPE 2 DMS, TYPE 3 DMS (2)
401	ITS4	"Le" 461+32	109' RT	EX. CANTILEVER	DMS 21	EX. DMS TO BE REMOVED
501	ITS5	"Le" 472+30	96' LT / 0' LT	GANTRY	DMS 5	TYPE 2 DMS, TYPE 3 DMS (2)
502	ITS5	"Le" 476+00	104' RT	30' ITS	CCTV 3, CCTV 4, DET 2	
503	ITS5	"Le" 482+85	108' RT / 0' RT	GANTRY	DMS 6	TYPE 1 DMS, TYPE 3 DMS (2)
601	ITS6	"Le" 491+30	96' LT/ 0' LT	GANTRY	DMS 7	TYPE 1 DMS, TYPE 3 DMS (2)
602	ITS6	"Le" 495+50	96' LT	EX. CANTILEVER	DMS 22	EX. DMS TO BE REMOVED
603	ITS6	"Le" 493+58	143' LT	30' ITS	CCTV 5	
701	ITS7	"Le" 504+60	277' RT	EX. TYPE 7	CCTV 6	EX. POLE AND EX. DET (2) TO REMAIN
702	ITS7	"Le" 509+00	83' LT / 0' LT	GANTRY	DMS 8	TYPE 2 DMS, TYPE 3 DMS (2)
703	ITS7	"Le" 508+85	87' RT / 0' RT	GANTRY	DMS 9	TYPE 2 DMS, TYPE 3 DMS (2)
704	ITS7	"Le" 511+62	124' LT	30' ITS	CCTV 7	
901	ITS9	"Le" 535+25	80' LT / 0' LT	GANTRY	DMS 10, DET 3	TYPE 2 DMS, TYPE 3 DMS (2)
902	ITS9	"Le" 534+95	74' RT / 0' RT	GANTRY	DMS 11	TYPE 2 DMS, TYPE 3 DMS (2)
903	ITS9	"Le" 543+88	131' LT	EX. 80' ITS	CCTV 9	INSTALL CCTV 9 AT 30' HEIGHT, OFFSET FROM EX. CCTV LOWERING DEVICE
904	ITS9	"Le" 533+56	132' RT	30' ITS	CCTV 8	
1001	ITS10	"Le" 558+92	102' RT / 0' RT	GANTRY	DMS 12	TYPE 2 DMS, TYPE 3 DMS (2)
1002	ITS10	"Le" 559+07	90' LT / 0' LT	GANTRY	DMS 13	TYPE 2 DMS, TYPE 3 DMS (2)
1003	ITS10	"Le" 560+57	139' LT	30' ITS	CCTV 10	
1201	ITS12	"Le" 579+00	85' LT / 0' LT	GANTRY	DMS 14	TYPE 2 DMS, TYPE 3 DMS (2)
1202	ITS12	"Le" 579+73	123' RT	EX. TYPE 35	DET 4	
1203	ITS12	"Le" 582+95	112' RT / 0' RT	GANTRY	DMS 15	TYPE 2 DMS, TYPE 3 DMS (2)
1204	ITS12	"Le" 580+75	90' LT	EX. TYPE 7	CCTV 11	
1301	ITS13	"Le" 591+20	112' RT / 0' RT	EX. OVERHEAD SIGN STRUCTURE	N/A	EX. DMS 23 TO REMAIN
1302	ITS13	"Le" 599+68	103' LT	EX. CANTILEVER	DET 5	EX. DMS 24 TO REMAIN
1401	ITS14	"Le" 608+00	138' RT	30' ITS	CCTV 12	
1402	ITS14	"Le" 611+00	96' RT/ 0' RT	GANTRY	DMS 17	TYPE 2 DMS, TYPE 3 DMS (2)
1403	ITS14	"Le" 615+10	125' LT	30' ITS	CCTV 13	
1404	ITS14	"Le" 613+50	90' LT / 0' LT	GANTRY	DMS 16	TYPE 1 DMS, TYPE 3 DMS (2)
1501	ITS15	"Le" 630+25	109' LT / 0' LT	GANTRY	DMS 18	TYPE 2 DMS, TYPE 3 DMS (2)
1701	ITS17	"Le" 650+72	116' LT / 0' LT	GANTRY	DMS 19	TYPE 1 DMS, TYPE 3 DMS (2)
1702	ITS17	"Le" 660+35	98' RT	30' ITS	CCTV 14	30' ITS POLE INSTALLED WITH DESIGN UNIT CW-12
1801	ITS18	"Le" 667+75	98' LT / 2' LT	GANTRY	DMS 20	TYPE 2 DMS, TYPE 3 DMS (2)
1802	ITS18	"Le" 675+55	94' LT	EX. TYPE 7	CCTV 15	EXISTING POLE AND EX. DET (2) TO REMAIN

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

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2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS31	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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ITS STRUCTURE SCHEDULE

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS32

DETECTOR SCHEDULE

DETECTOR NO.	DETECTOR ID	SHEET NO.	MILEPOST	STATION(S)	POLE NO.	POLE TYPE	CABINET ID	NO. OF LANES				NOTES
								SB RAMP	SB MAIN	NB RAMP	NB MAIN	
DET 1	DET015S035.12	ITS3	35.12	"Le" 450+00	302	30' ITS	CAB015S035.12		4			
DET 2	DET015N035.61	ITS5	35.61	"Le" 476+00	502	30' ITS	CAB015N035.59				6	
DET 3	DET015S036.73	ITS9	36.73	"Le" 535+25	901	GANTRY	CAB015S036.72		5			
DET 4	DET015N037.57	ITS12	37.57	"Le" 579+73	1202	EX. TYPE 35	CAB015N037.57				5	
DET 5	DET015S037.95	ITS13	37.95	"Le" 599+68	1302	EX. CANTILIEVER	CAB015S037.95		6			

CCTV SCHEDULE

CCTV NO.	CCTV ID	SHEET NO.	MILE POST	STATION	TYPE	POLE NO.	POLE TYPE	CABINET ID	NOTES
CCTV 1	CCTV015N034.55	ITS1	34.55	"Le" 420+21	FIXED	101	30'	CAB015N034.56	
CCTV 2	CCTV015S035.12	ITS3	35.12	"Le" 450+00	FIXED	302	30'	CAB015S035.12	
CCTV 3	CCTV015N035.61A	ITS5	35.61	"Le" 476+00	FIXED	502	30'	CAB015N035.59	
CCTV 4	CCTV015N035.61B	ITS5	35.61	"Le" 476+00	FIXED	502	30'	CAB015N035.59	
CCTV 5	CCTV015S035.94	ITS6	35.94	"Le" 493+58	FIXED	603	30'	CAB015S035.94	
CCTV 6	CCTV015N036.15	ITS7	36.15	"Le" 504+60	FIXED	701	EX. TYPE 7	CAB015N036.20	
CCTV 7	CCTV015S036.28	ITS7	36.28	"Le" 511+62	FIXED	704	30'	CAB015S036.26	
CCTV 8	CCTV015N036.70	ITS9	36.70	"Le" 533+56	FIXED	904	30'	CAB015N036.70	
CCTV 9	CCTV015S036.89	ITS9	36.89	"Le" 543+88	FIXED	903	EX. 80' ITS	CAB015S036.90	
CCTV 10	CCTV015S037.21	ITS10	37.21	"Le" 560+57	FIXED	1003	30'	CAB015S037.21	
CCTV 11	CCTV015S037.59	ITS12	37.59	"Le" 580+75	FIXED	1204	EX. TYPE 7	CAB015S037.58	
CCTV 12	CCTV015N038.11	ITS14	38.11	"Le" 608+00	FIXED	1401	30'	CAB015N038.12	
CCTV 13	CCTV015S038.24	ITS14	38.24	"Le" 615+10	FIXED	1403	30'	CAB015S038.24	
CCTV 14	CCTV015N039.10	ITS17	39.10	"Le" 660+35	FIXED	1702	30'	CAB015N039.11	
CCTV 15	CCTV015S039.39	ITS18	39.39	"Le" 675+55	FIXED	1802	EX. TYPE 7	CAB015S039.36	

2

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

ITS DEVICE SCHEDULES

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS33

DMS SCHEDULE

DMS NO.	DMS ID	SHEET NO.	MILE POST	STATION	TYPE(S)	POLE NO.	STRUCTURE TYPE	CABINET ID	NOTES
DMS 1	DMS015S034.59	ITS1	34.59	"Le" 422+15	TYPE 2, TYPE 3 (2)	102	GANTRY	CAB015S034.62	
DMS 2	DMS015N034.58	ITS1	34.58	"Le" 422+00	TYPE 2, TYPE 3 (2)	103	GANTRY	CAB015N034.56	
DMS 3	DMS015S035.04	ITS3	35.04	"Le" 446+10	TYPE 2, TYPE 3 (2)	301	GANTRY	CAB015S035.12	
DMS 4	DMS015N035.18	ITS3	35.18	"Le" 453+22	TYPE 2, TYPE 3 (2)	303	GANTRY	CAB015S035.13	
DMS 5	DMS015S035.54	ITS5	35.54	"Le" 472+30	TYPE 2, TYPE 3 (2)	501	GANTRY	CAB015N035.58	
DMS 6	DMS015N035.74	ITS5	35.74	"Le" 482+85	TYPE 1, TYPE 3 (2)	503	GANTRY	CAB015N035.59	TYPE 1 ATM GANTRY WITH WALK-IN FRAME STRUCTURE
DMS 7	DMS015S035.90	ITS6	35.90	"Le" 491+30	TYPE 1, TYPE 3 (2)	601	GANTRY	CAB015S035.94	TYPE 1 ATM GANTRY WITH WALK-IN FRAME STRUCTURE
DMS 8	DMS015S036.23	ITS7	36.23	"Le" 509+00	TYPE 2, TYPE 3 (2)	702	GANTRY	CAB015S036.26	
DMS 9	DMS015N036.23	ITS7	36.23	"Le" 508+85	TYPE 2, TYPE 3 (2)	703	GANTRY	CAB015N036.19	
DMS 10	DMS015S036.73	ITS9	36.73	"Le" 535+25	TYPE 2, TYPE 3 (2)	901	GANTRY	CAB015S036.72	
DMS 11	DMS015N036.72	ITS9	36.72	"Le" 534+95	TYPE 2, TYPE 3 (2)	902	GANTRY	CAB015N036.70	
DMS 12	DMS015N037.18	ITS10	37.18	"Le" 558+92	TYPE 2, TYPE 3 (2)	1001	GANTRY	CAB015N037.12	
DMS 13	DMS015S037.18	ITS10	37.18	"Le" 559+07	TYPE 2, TYPE 3 (2)	1002	GANTRY	CAB015S037.21	
DMS 14	DMS015S037.56	ITS12	37.56	"Le" 579+00	TYPE 2, TYPE 3 (2)	1201	GANTRY	CAB015S037.58	
DMS 15	DMS015N037.63	ITS12	37.63	"Le" 582+95	TYPE 2, TYPE 3 (2)	1203	GANTRY	CAB015N037.57	
DMS 16	DMS015S038.21	ITS14	38.21	"Le" 613+50	TYPE 1, TYPE 3 (2)	1404	GANTRY	CAB015S038.24	TYPE 1 ATM GANTRY WITH WALK-IN FRAME STRUCTURE
DMS 17	DMS015N038.16	ITS14	38.16	"Le" 611+00	TYPE 2, TYPE 3 (2)	1402	GANTRY	CAB015N038.12	
DMS 18	DMS015S038.53	ITS15	38.53	"Le" 630+25	TYPE 2, TYPE 3 (2)	1501	GANTRY	CAB015S038.57	
DMS 19	DMS015S038.92	ITS17	38.92	"Le" 650+72	TYPE 1, TYPE 3 (2)	1701	GANTRY	CAB015S038.86	TYPE 1 ATM GANTRY WITH WALK-IN FRAME STRUCTURE
DMS 20	DMS015S039.24	ITS18	39.24	"Le" 667+75	TYPE 2, TYPE 3 (2)	1801	GANTRY	CAB015S039.27	
DMS 21	DMS015N035.33	ITS4	35.33	"Le" 461+32	EXISTING	401	EX. CANTILEVER	EXISTING	REMOVE EX. DMS AND STRUCTURE
DMS 22	DMS015S035.98	ITS6	35.98	"Le" 495+50	EXISTING	602	EX. CANTILEVER	EXISTING	REMOVE EX. DMS AND STRUCTURE
DMS 23	DMS015N037.79	ITS13	37.79	"Le" 591+20	EXISTING	1301	EX. GANTRY	EXISTING	EX. DMS AND STRUCTURE TO REMAIN
DMS 24	DMS015S037.95	ITS13	37.95	"Le" 599+68	EXISTING	1302	EX. CANTILEVER	EXISTING	EX. DMS AND STRUCTURE TO REMAIN

2

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2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS33	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS34

CABINET SCHEDULE

CABINET ID	SHEET NO.	STATION	TYPE	SUPPORTED DEVICES			NOTES
				DETECTORS	CCTV	DMS	
CAB015N034.56	ITS1	"Le" 420+56	334		1	3	
CAB015S034.62	ITS1	"Le" 423+82	334			3	
CAB015S035.12	ITS3	"Le" 450+32	334	1	1	3	
CAB015S035.13	ITS3	"Le" 450+67	334			3	
CAB015N035.58	ITS5	"Le" 474+51	334			3	
CAB015N035.59	ITS5	"Le" 474+90	334	1	2	3	
CAB015S035.94	ITS6	"Le" 493+45	334		1	3	
CAB015N036.19	ITS7	"Le" 506+90	334			3	
CAB015N036.20	ITS7	"Le" 507+06	334 (E)	4 (E)	1		
CAB015S036.26	ITS7	"Le" 510+26	334		1	3	
CAB015N036.70	ITS9	"Le" 533+43	334		1	3	
CAB015S036.72	ITS9	"Le" 534+67	334	1		3	
CAB015S036.90	ITS10	"Le" 544+32	334 (E)	1 (E)	1, 1 (E)		
CAB015N037.12	ITS10	"Le" 555+98	334			3	INSTALL CABINET AGAINST EX. BARRIER RAIL SO THAT DOOR HINGES ARE ADJACENT TO EXISTING BARRIER RAILS AS CABINET SYMBOL SHOWS IN PLAN SHEET INSET
CAB015S037.21	ITS10	"Le" 560+73	334		1	3	
CAB015N037.57	ITS12	"Le" 579+78	334	1		3	
CAB015S037.58	ITS12	"Le" 580+11	334		1	3	
CAB015S037.95	ITS13	"Le" 599+68	POLE MOUNTED (E)	1		1 (E)	
CAB015N038.12	ITS14	"Le" 608+58	334		1	3	
CAB015S038.24	ITS14	"Le" 614+87	334		1	3	
CAB015S038.57	ITS15	"Le" 632+38	334			3	
CAB015S038.86	ITS16	"Le" 647+86	334			3	
CAB015N039.11*	ITS17	"Le" 660+96	334*		1*, 1	3*	
CAB015S039.27	ITS18	"Le" 669+25	334			3	
CAB015S039.36	ITS18	"Le" 674+17	334 (E)	2 (E)	1		

* DEVICES INSTALLED WITH DESIGN UNIT CW-12

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AS-BUILT DRAWING

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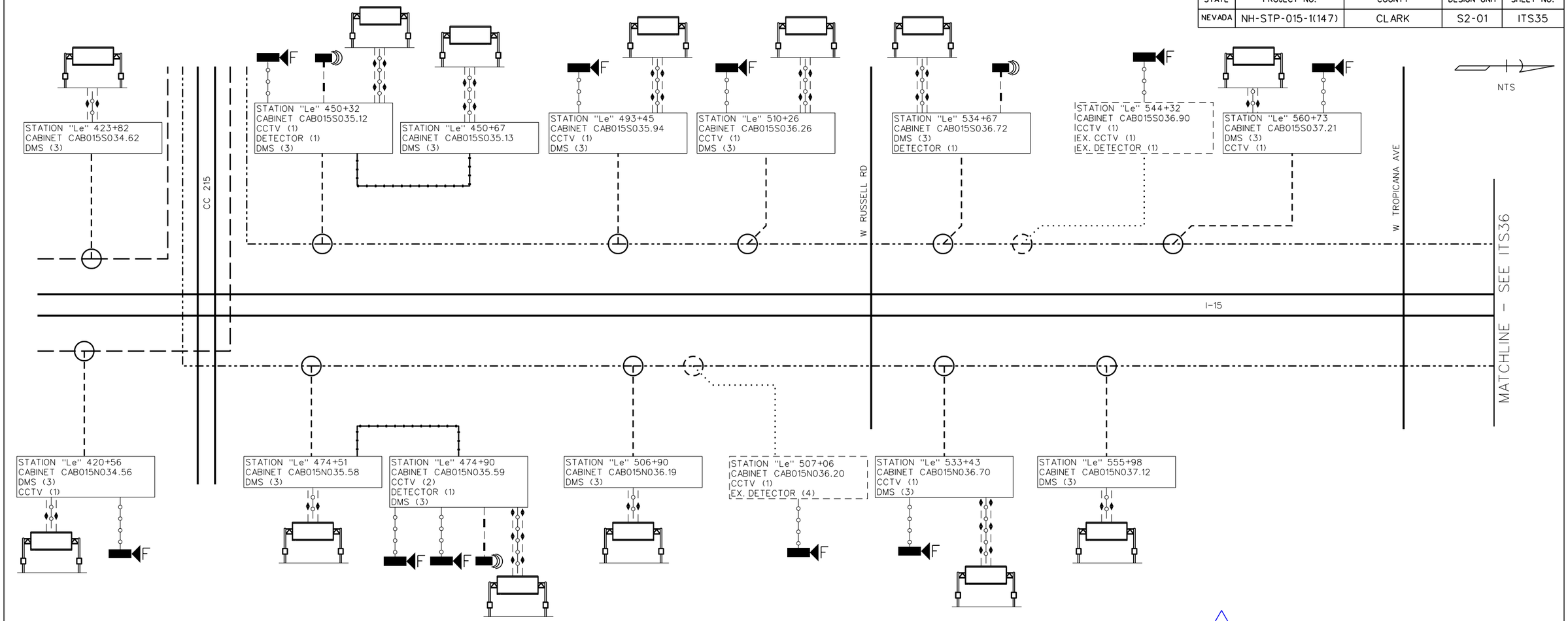
STATE OF NEVADA
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS35



LEGEND

- EXISTING 96-STRAND FIBER OPTIC CABLE
- EXISTING 72-STRAND FIBER OPTIC CABLE
- 12-STRAND FIBER OPTIC CABLE
- ETHERNET CABLE
- EXISTING 12-STRAND FIBER OPTIC CABLE
- CCTV CABLE
- FLOW DETECTOR CABLE
- DMS CABLE

- EXISTING FIBER OPTIC CABLE INLINE SPLICE TO MODIFY
- EXISTING FIBER OPTIC CABLE INLINE SPLICE TO REMAIN
- PROPOSED CABINET
- EXISTING CABINET
- FIXED CCTV
- FLOW DETECTOR

ATM GANTRY

2

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NOTES:

1. GRAY SYMBOLOGY IDENTIFIES INFRASTRUCTURE INSTALLED PER DESIGN UNIT CW-12
2. EX. SPLICES AND CABINETS THAT NO S2-01 WORK IS TO BE PERFORMED IN ARE NOT SHOWN FOR CLARITY.

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

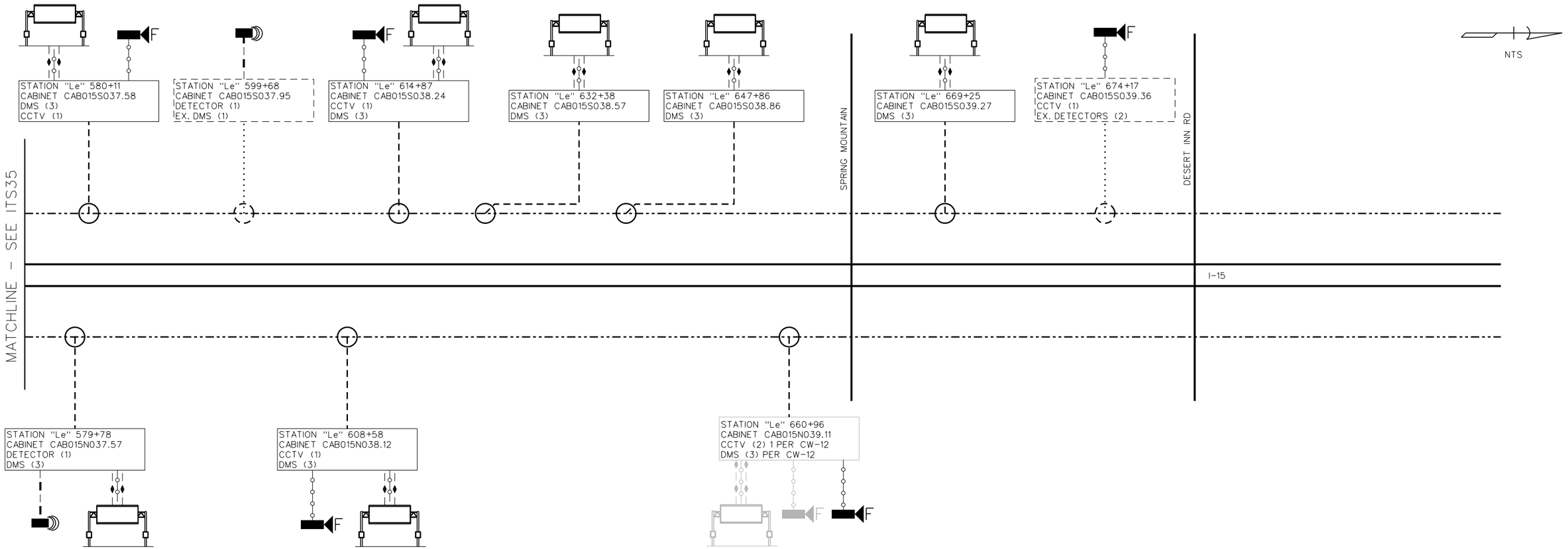
NETWORK DIAGRAM
I-15

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS36



LEGEND

- EXISTING 96-STRAND FIBER OPTIC CABLE
- EXISTING 72-STRAND FIBER OPTIC CABLE
- 12-STRAND FIBER OPTIC CABLE
- ETHERNET CABLE
- EXISTING 12-STRAND FIBER OPTIC CABLE
- CCTV CABLE
- FLOW DETECTOR CABLE
- DMS CABLE
- EXISTING FIBER OPTIC CABLE INLINE SPLICE TO MODIFY
- EXISTING FIBER OPTIC CABLE INLINE SPLICE TO REMAIN
- PROPOSED CABINET
- EXISTING CABINET
- FIXED CCTV
- FLOW DETECTOR
- ATM GANTRY

NOTES:

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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS36	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

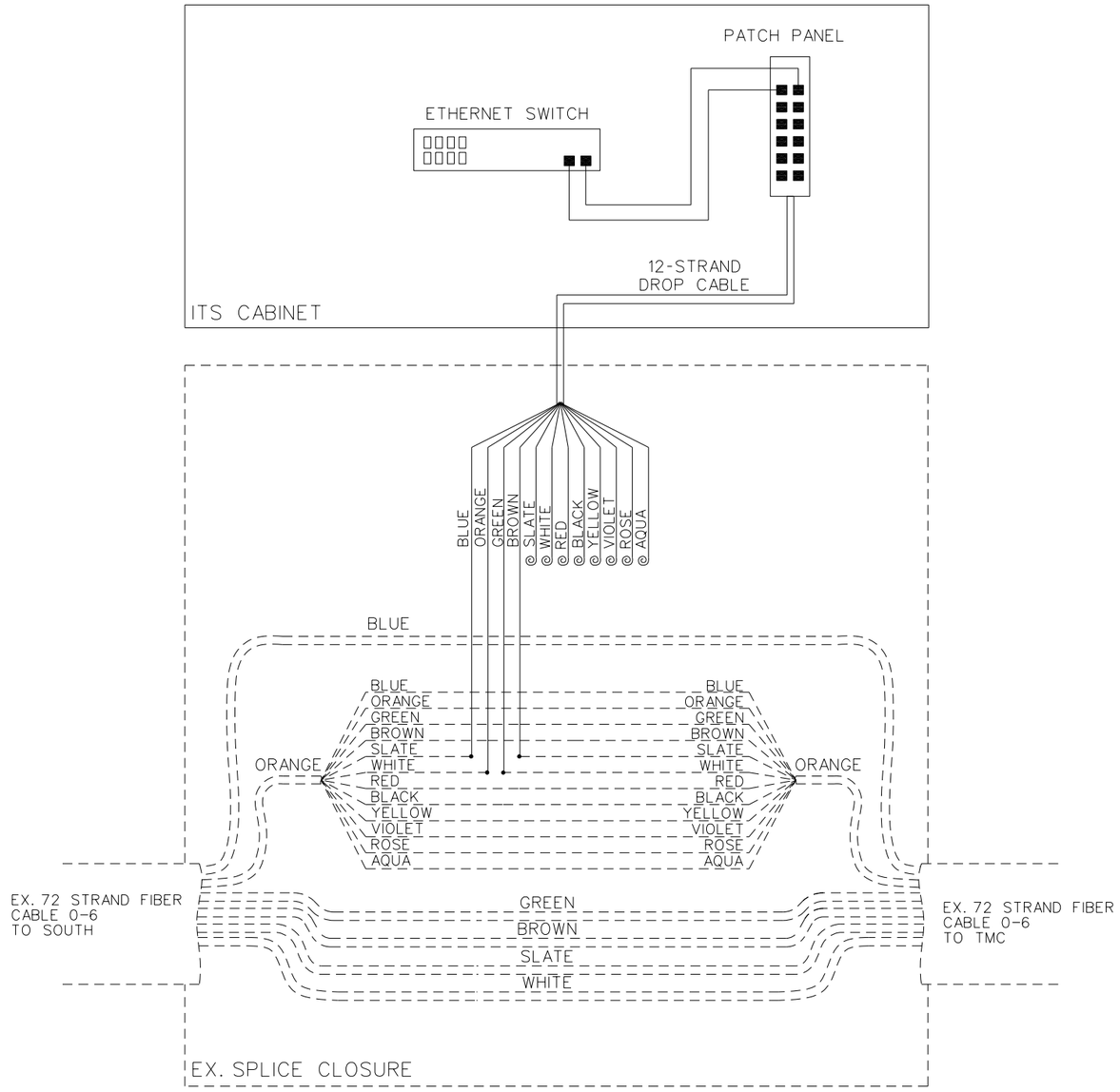
NETWORK DIAGRAM
I-15

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REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS37



TYPE 1 FIBER OPTIC SPLICE

NOTES:

1. ALL EXISTING SPLICES TO REMAIN. EXISTING SPLICES AND EXISTING DROP CABLES NOT SHOWN FOR CLARITY. DO NOT MODIFY SPLICES OR CUT FIBERS NOT SHOWN.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS37	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

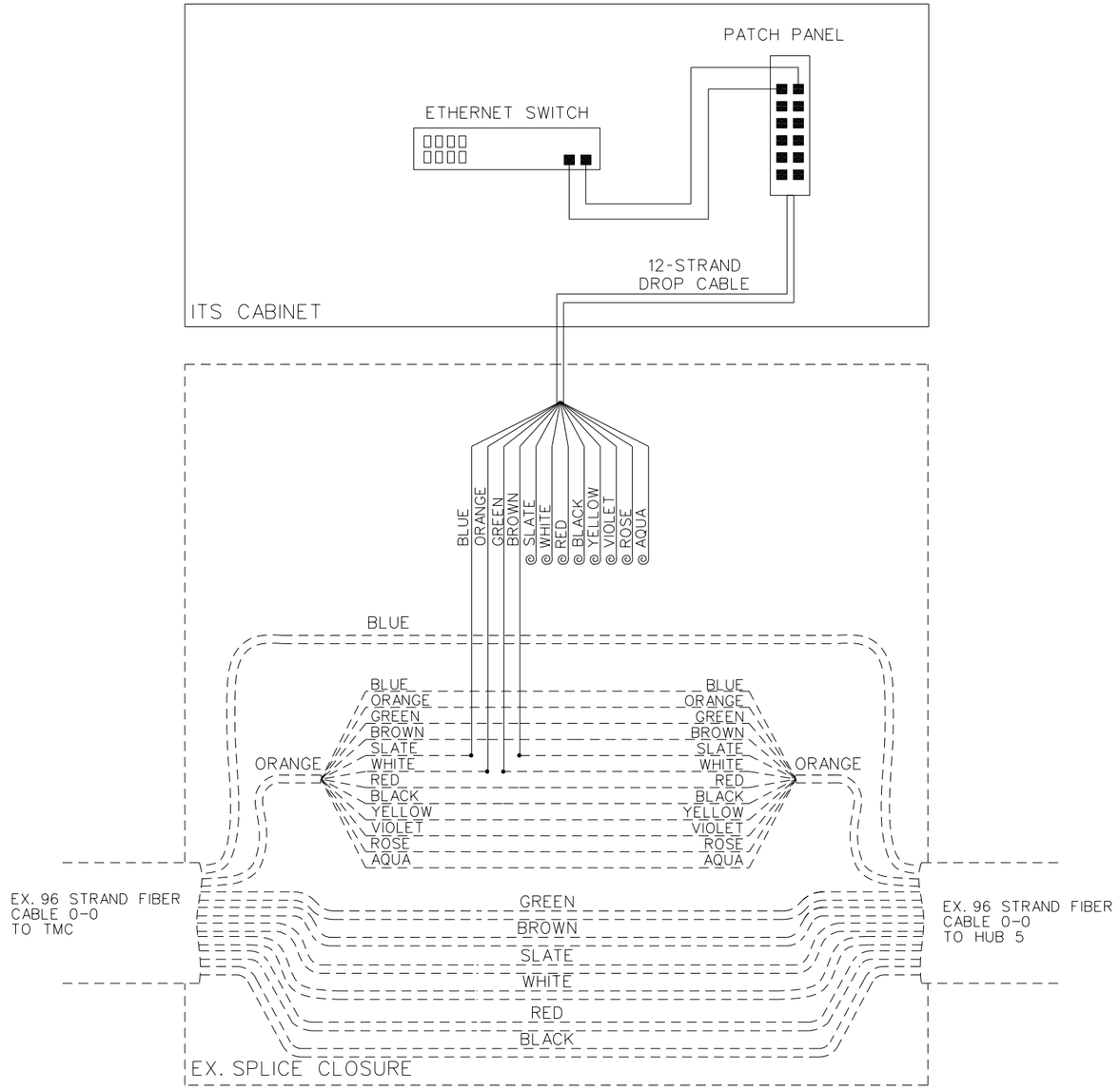
FIBER OPTIC CABLE
SPLICE DIAGRAMS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS38



TYPE 2 FIBER OPTIC SPLICE

NOTES:

1. ALL EXISTING SPLICES TO REMAIN. EXISTING SPLICES AND EXISTING DROP CABLES NOT SHOWN FOR CLARITY. DO NOT MODIFY SPLICES OR CUT FIBERS NOT SHOWN.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS38	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

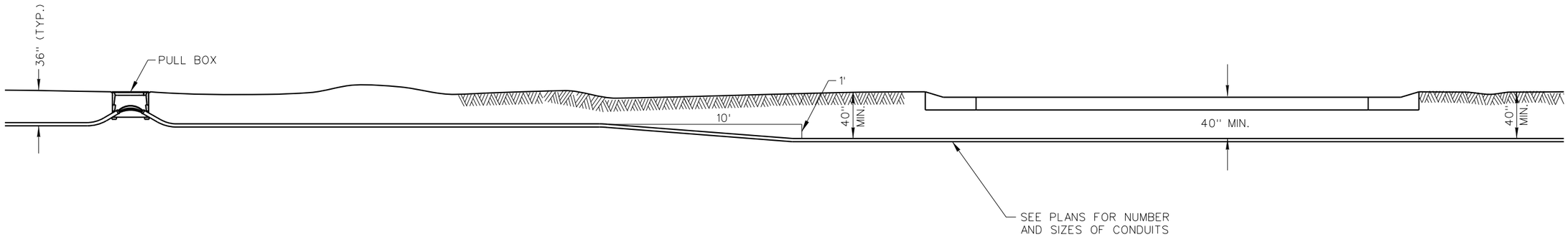
FIBER OPTIC CABLE
SPLICE DIAGRAMS

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS39



TYPICAL DIRECTIONAL DRILLING INSTALLATION
NTS

NOTES:

1. CONDUIT TO BE DIRECTIONAL DRILLED TO A MINIMUM DEPTH OF 40" BELOW THE PAVEMENT SURFACE FOR THE LENGTH OF PAVEMENT.

2. LENGTH AND NUMBER OF COILS REQUIRED AT PULL BOXES TO BE PER ITS GENERAL NOTES.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS39	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONDUIT INSTALLATION DETAIL

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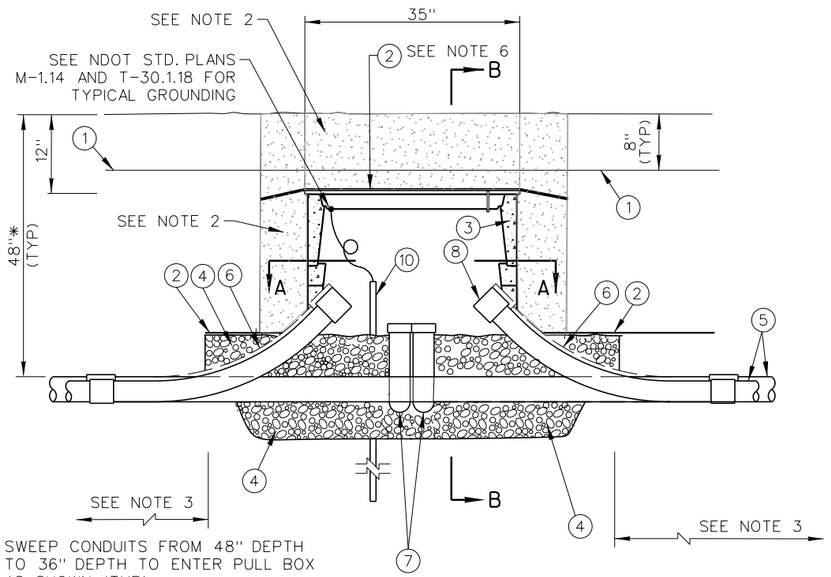
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS40

ITEM	DESCRIPTION
(1)	WARNING TAPE
(2)	30 lbs. FELT PAPER
(3)	NO. 7 PULL BOX WITH EXTENSION WITH EXCEPTIONS AS DRAWN
(4)	BEDDING MATERIAL PER NDOT STANDARD PLAN T-30.1.18
(5)	SCH. 40 PVC OR HDPE CONDUIT(S) (SEE PLANS FOR SIZE AND QUANTITY)
(6)	45 DEGREE PVC ELBOW, OR HDPE BEND 36" RADIUS
(7)	90 DEGREE PVC ELBOW, OR HDPE BEND 15" RADIUS
(8)	CONDUIT BELL END (TYPICAL)
(9)	KNOCK OUT 8" x 12.0"
(10)	3/4" X 10' COPPER GROUND ROD

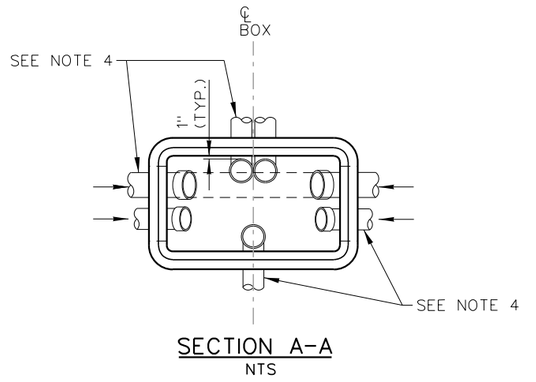
NOTES:

1. NUMBERS IN CIRCLES REFER TO ITEMS IN TABLE.
2. BACK FILL ACCORDING TO NDOT STANDARD PLANS AND SPECIFICATIONS.
3. TRUNK LINE CONDUIT FROM THE TYPICAL TRENCH SECTION SHALL NOT DEFLECT BY MORE THAN ONE FOOT PER 10 FEET FROM THE ALIGNMENT PRECEDING OR FOLLOWING THE PULL BOX.
4. SEE PLAN SHEETS FOR NUMBER AND SIZE OF CONDUIT(S).
5. INSTALL CONDUIT PLUG ON EACH EMPTY CONDUIT ENTERING PULL BOX.
6. COVER TOP OF PULL BOX WITH 30 lb. FELT PAPER TO HELP PROTECT METAL LID.
7. CONTRACTOR TO GPS LOCATE AND BURY ALL PULL BOXES PER NDOT GUIDE "SPECIAL INSTRUCTIONS FOR SURVEY, MAPPING OR GIS CONSULTANTS," CURRENT EDITION.
8. PULL BOXES SHALL BE INSTALLED PER NDOT STD. PLANS T-30.1.18 AND M-1.13.



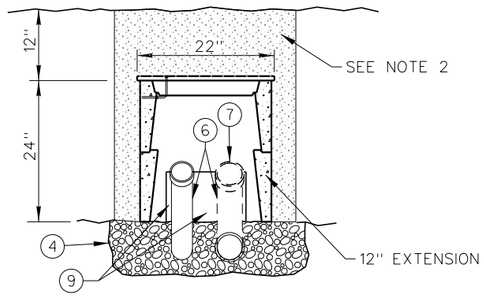
BELOW GRADE INSTALLATION DETAIL

NTS



SECTION A-A

NTS



SECTION B-B

NTS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS40	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

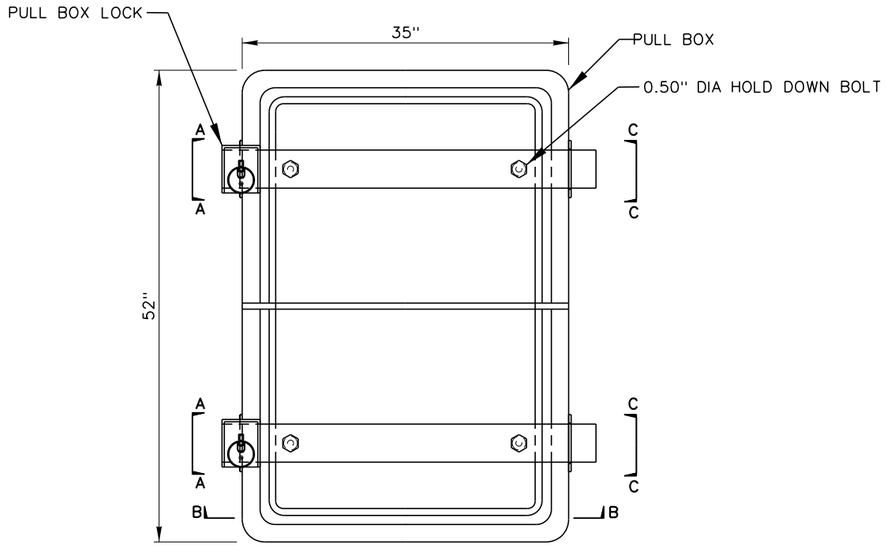
PULL BOX INSTALLATION (BELOW-GRADE) DETAILS

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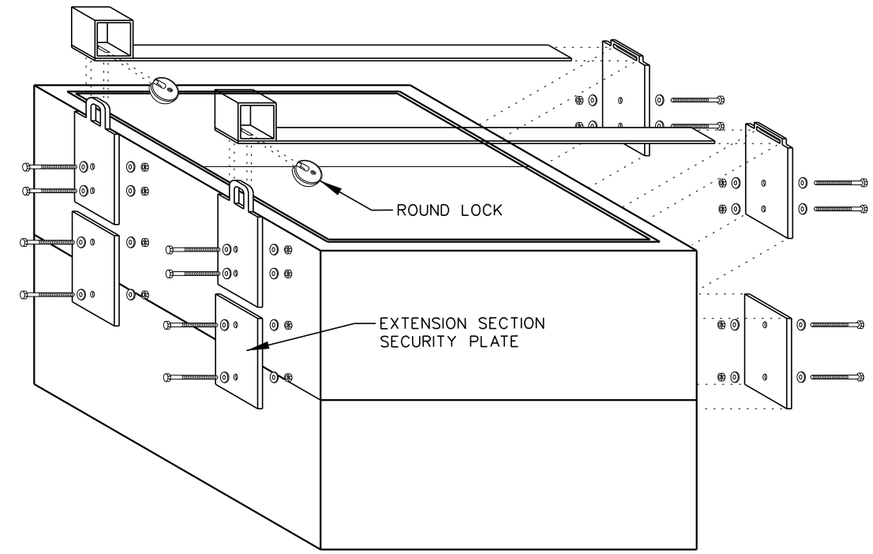
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REVIEWED BY	PJM

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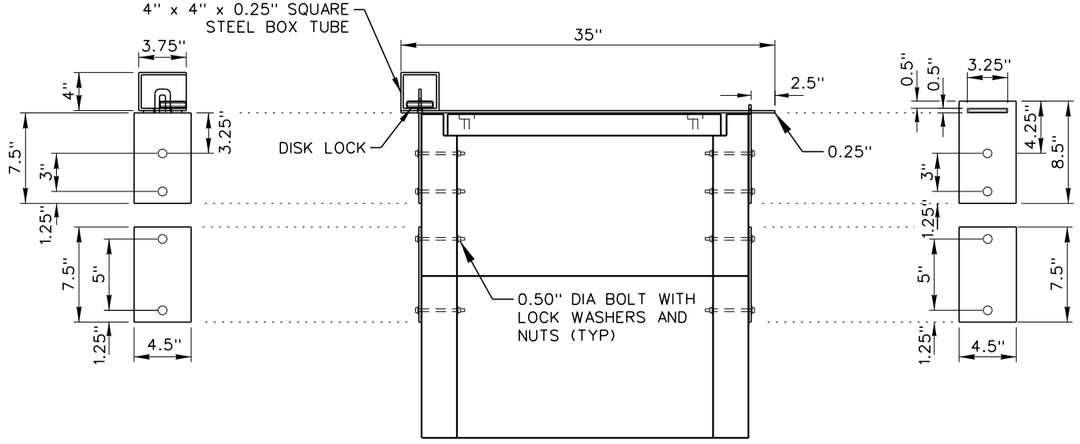
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS41



NO. 9 PULL BOX
TOP VIEW
NTS



NO. 9 PULL BOX LOCK ASSEMBLY
ISOMETRIC VIEW
NTS



SECTION A-A
NTS

SECTION B-B
NTS

SECTION C-C
NTS

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS41	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

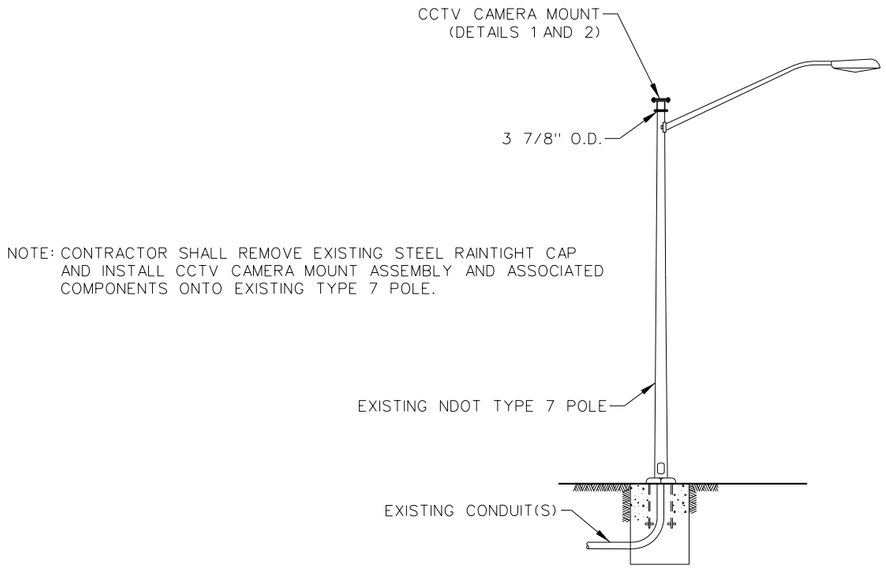
CABLE VAULT LOCK DETAILS

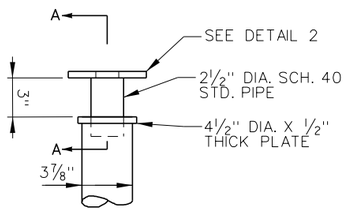
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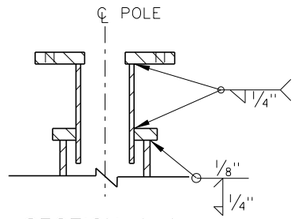
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS42

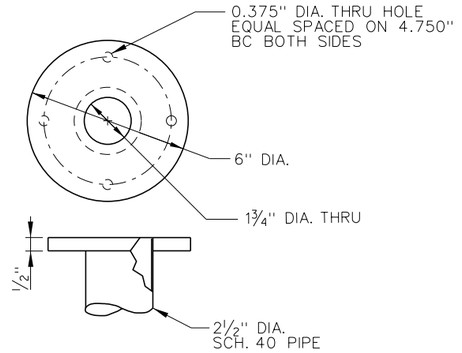




DETAIL 1
TYPICAL CCTV CAMERA MOUNT ASSEMBLY
(VARIES BY MANUFACTURER)
NTS



SECTION A-A
NTS



DETAIL 2
TYPICAL CCTV CAMERA MOUNT PLATE
(VARIES BY MANUFACTURER)
NTS

FIXED CCTV INSTALLATION ON EXISTING TYPE 7 POLE DETAIL
NTS

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NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS42	12/20/16

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STATE OF NEVADA
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TYPE 7 POLE DETAIL

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS43

GENERAL NOTES:

1. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 5TH EDITION 2009 WITH 2010 INTERIM REVISIONS.

2. LOADING
   A. IMPORTANCE FACTORS (If & Ir): 1.0
   B. DRAG COEFFICIENT (C): 0.45 – 2.0 DEPENDING ON SHAPE OF MEMBER AND WIND VELOCITY
   C. MAXIMUM WIND LOAD: 23.4 psf * Cd * I
   D. NATURAL WIND GUSTS: 5.2 psf * Cd * I
   E. WIND SPEED: 90 MPH
   F. ICE LOAD: 3 psf
   G. FATIGUE CATEGORY: I

3. SERVICEABILITY
   MAXIMUM 1" DISPLACEMENT FOR 30MPH WIND SPEED.

4. STRUCTURAL STEEL
   A. POLE MATERIAL IS ASTM A572 GRADE 50 STEEL.
   B. STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE C.
   C. HOT DIP GALVANIZE STRUCTURAL STEEL AFTER FABRICATION IN ACCORDANCE WITH ASTM A123.
   D. HARDWARE SHALL BE GALVANIZED AS PER ASTM A153

5. MATERIAL REQUIREMENTS
   A. STRUCTURAL STEEL : Fy = 50 ksi
   B. DRILLED SHAFT: F'c= 4500 psi
   C. REINFORCING STEEL : ASTM A615 GRADE 60
   ALL BENDS AND HOOKS SHALL MEET THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 5TH EDITION 2010 ARTICLE 5.10. ALL BEND DIMENSIONS FOR REINFORCING STEEL SHALL BE OUT-TO-OUT OF BARS. ALL PLACEMENT DIMENSIONS FOR REINFORCING STEEL SHALL BE TO CENTER OF BARS UNLESS NOTED OTHERWISE.

6. BOLTED CONNECTIONS.
   A. ACCOMPLISH ALL STRUCTURAL HIGH STRENGTH BOLTING, EXCEPT ANCHOR BOLTS, USING AASHTO M164 BOLTS.
   B. USE A HARDENED FLAT WASHER BETWEEN THE NUT AND THE CONNECTED PART.
   C. USE HIGH STRENGTH BOLTS WITH DTI'S OR TENSION CONTROL INDICATORS INSTALLED PER SUBSECTION 506.03.07 OF THE STANDARD SPECIFICATIONS.
   D. FABRICATE ANCHOR BOLTS FROM MATERIAL CONFORMING TO ASTM F1554 GRADE 55.
   E. HOT-DIP GALVANIZE ALL STEEL PARTS IN ACCORDANCE WITH ASTM A153 (AASHTO M232), EXCEPT AS SPECIFIED FOR HIGH STRENGTH BOLTING.
   F. HIGH STRENGTH BOLTS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A153, CLASS C, OR MECHANICALLY GALVANIZED IN ACCORDANCE WITH ASTM B695, CLASS 50. WASHERS, NUTS, AND BOLTS IN ANY ASSEMBLY SHALL BE GALVANIZED BY THE SAME PROCESS. DTI SHALL BE MECHANICALLY GALVANIZED IN ACCORDANCE WITH ASTM B695. LUBRICATE THREADS WITH A DYED LUBRICANT.

7. WELDED CONNECTIONS
   A. WELDS SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED ON THE PLANS.
   B. WELD IN ACCORDANCE WITH SECTION 506 OF THE STANDARD SPECIFICATIONS.
   C. USE ONLY WELDERS QUALIFIED ACCORDING TO ANSI/AASHTO/AWS D1.1-2000, SECTION 4 FOR THE TYPE OF JOINT, ELECTRODE, POSITION OF THE JOINT, AND THE MATERIAL THICKNESS.
   D. USE ONLY PREQUALIFIED JOINTS.
   E. TEST ALL FULL PENETRATION GROOVE WELDS ULTRASONICALLY IN ACCORDANCE WITH SECTION 6, PART F OF ANSI/AASHTO/AWS D1.1-2000. ACCEPT OR REJECT EACH WELD DISCONTINUITY ON THE BASIS OF ITS INDICATION RATING AND ITS LENGTH IN ACCORDANCE WITH SECTION 9.3.
   F. HAVE ALL FILLET WELDS VISUALLY INSPECTED BY QUALIFIED PERSONNEL. ANY WELDS FOUND TO HAVE INCOMPLETE FUSION, OVERLAP OR CRACKS WILL BE REJECTED.

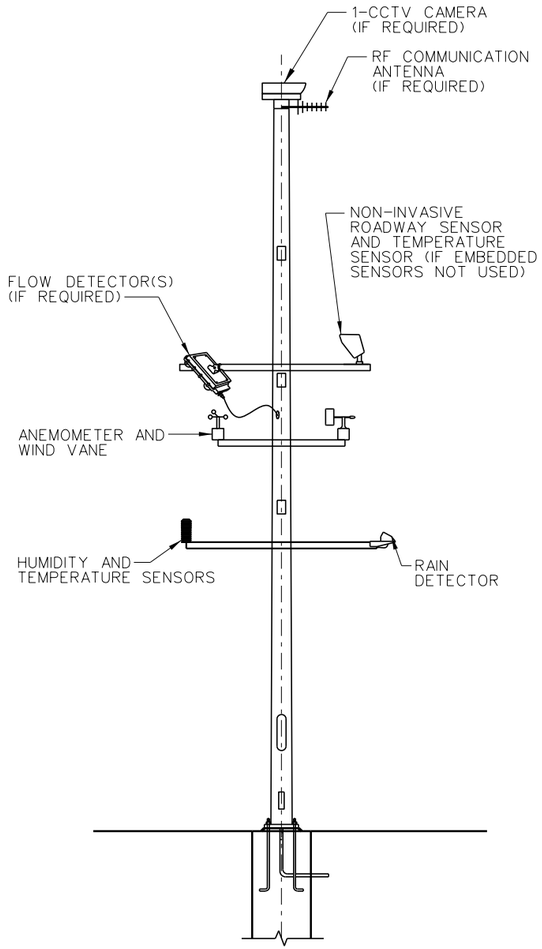
8. GROUTING
   A. SHIM BASE PLATES TO FINISH ELEVATION AND COMPLETELY FILL PLATE AREA WITH A HIGH STRENGTH, NON-FERROUS, NON-SHRINK GROUT.
   B. FORMULATE GROUT TO COMPLY WITH THE ASTM C1107.
   C. TAPER ALL FINISHED SURFACES AT 45 DEGREE +/-.

9. FOUNDATION: DRILLED SHAFT, SEE THIRD DETAIL SHEET.

10. GROUND ALL STRUCTURES IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES.

11. DIMENSIONS SHALL NOT BE SCALED FROM DRAWINGS.

POLE ATTACHMENTS				
DESCRIPTION	QTY.	WEIGHT/EA (POUNDS)	EPA/EA (sq.ft)	HEIGHT ON POLE (ft)
CCTV	1	18.5	1.79	28.5
ANEMOMETER	1	1.25	0.39	15-28.5
WIND VANE	1	1.50	0.95	SAME AS ANEMOMETER
RF ANTENNA (800 MHz)	1	8.8	3.69	28.0
FLOW DETECTOR	2	4.2	1.65	15.0-26.0
TEMPERATURE/ HUMIDITY SENSOR	1	1	0.39	10.0-15.0
RAIN DETECTOR	1	1.1	0.36	10.5-15.0
PAVEMENT SENSOR (NON-INVASIVE)	1	8.2	1.77	15.0-26.0
TEMPERATURE SENSOR (NON-INVASIVE)	1	3.6	0.77	SAME AS PAVEMENT SENSOR



30 FOOT ITS POLE
NTS

NOTE:
SEE PLAN SHEETS FOR PROPOSED INFRASTRUCTURE TO BE INSTALLED ON POLES. ADDITIONAL EQUIPMENT IS ONLY TO BE INSTALLED IF CALLED FOR IN THE PLANS.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS43	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

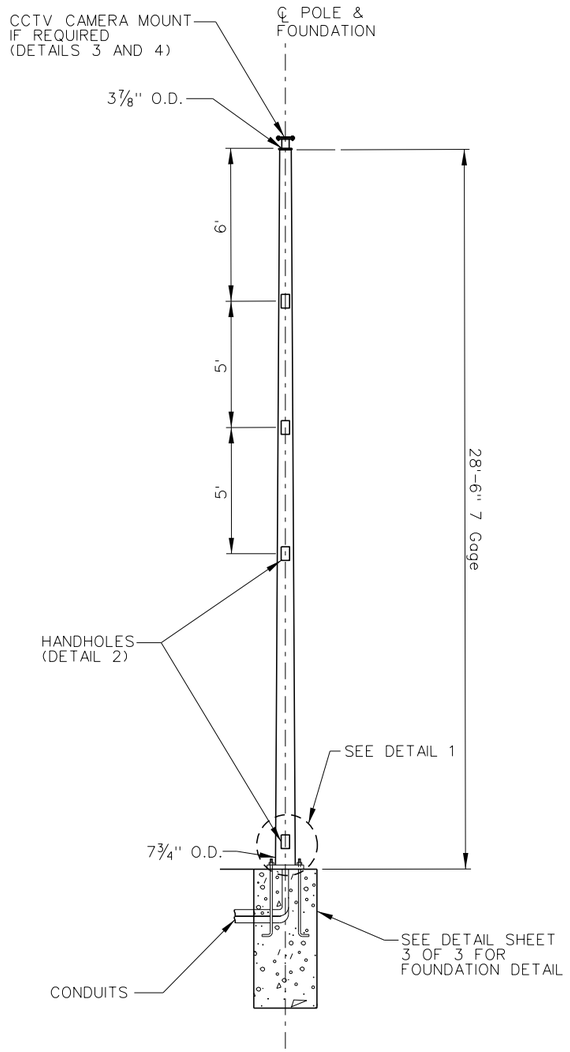
30' ITS POLE DETAIL
1 OF 3

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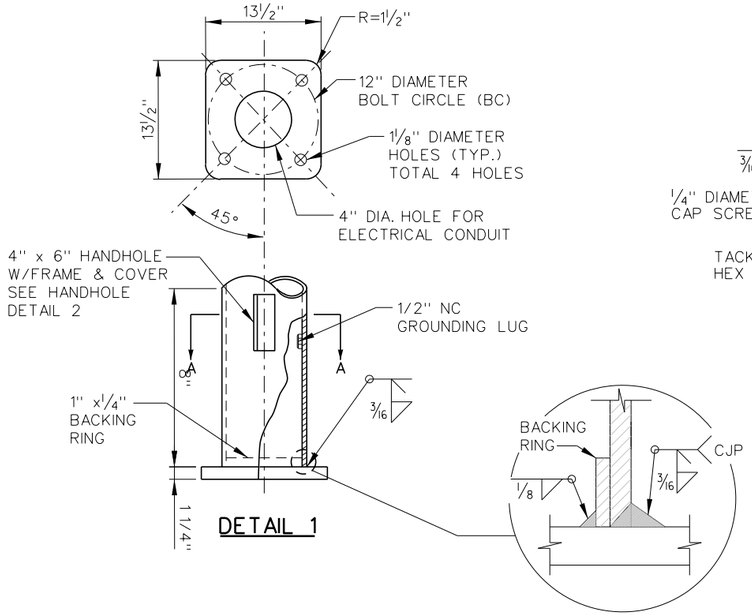
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REVIEWED BY PJM

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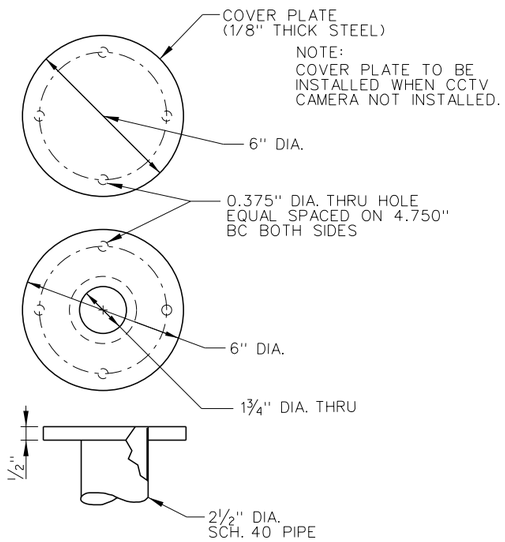
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS44



TYPICAL POLE ELEVATION

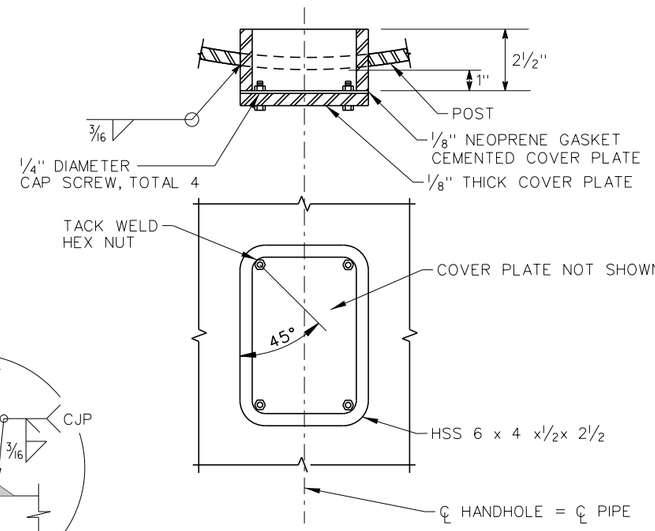


DETAIL 1



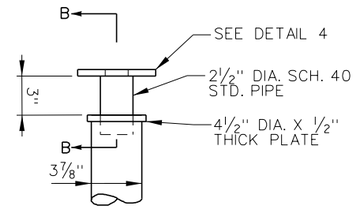
DETAIL 4

TYPICAL CCTV CAMERA MOUNT PLATE
(VARIES BY MANUFACTURER)
NTS



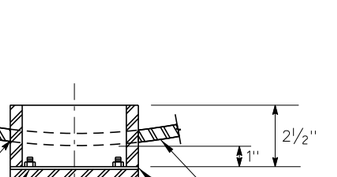
DETAIL 2

NTS



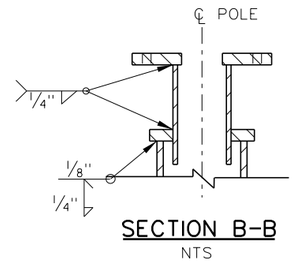
DETAIL 3

TYPICAL CCTV CAMERA MOUNT ASSEMBLY
(VARIES BY MANUFACTURER)
NTS



SECTION A-A

NTS



SECTION B-B

NTS

NOTES:

1. CCTV MOUNT ASSEMBLY TO BE INSTALLED AND MOUNTED PER MANUFACTURER'S SPECIFICATION.
2. SEE PLAN SHEETS AND NETWORK DIAGRAMS FOR INSTALLATION LOCATIONS AND EQUIPMENT TO BE INSTALLED AT EACH LOCATION.
3. INSTALL STEEL RAIN TIGHT REMOVABLE CAP ON TOP OF CCTV MOUNTING PLATE IF CCTV IS NOT SPECIFIED IN PLANS.
4. SWEEPS FOR CONDUIT SHALL NOT BE LESS THAN MINIMUM BENDING RADIUS OF FIBER.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS44	12/20/16

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MAY 01, 2019

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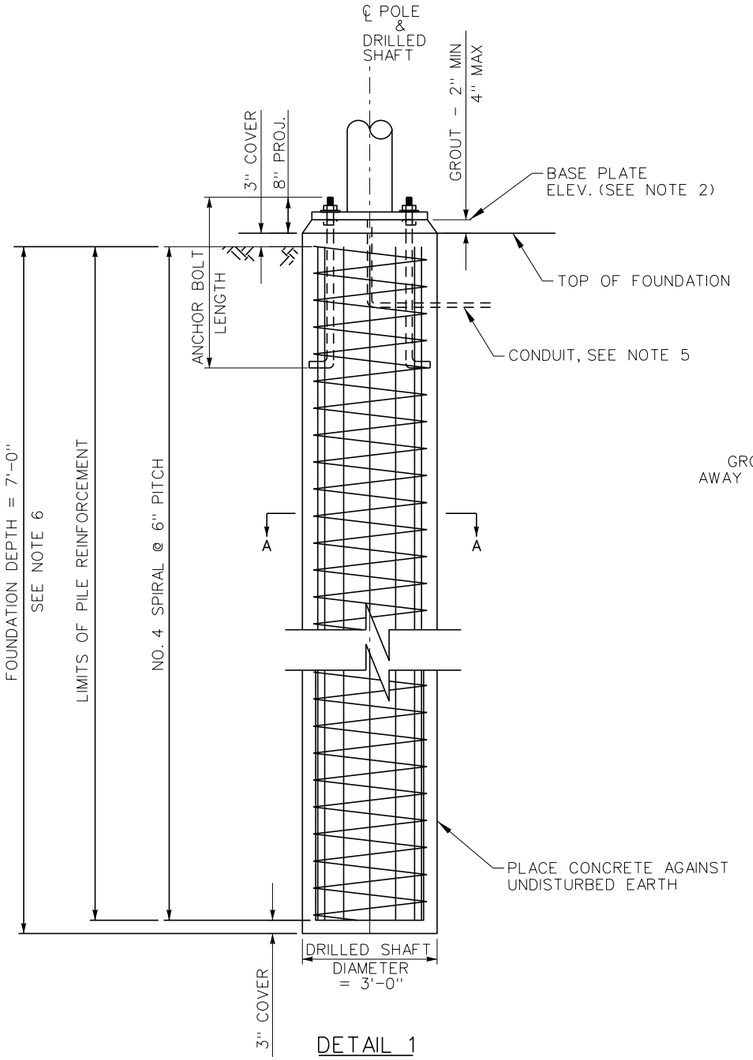
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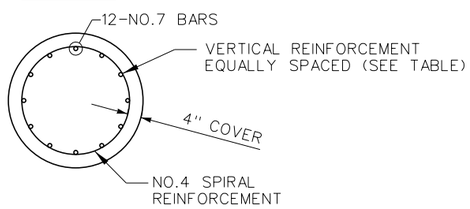
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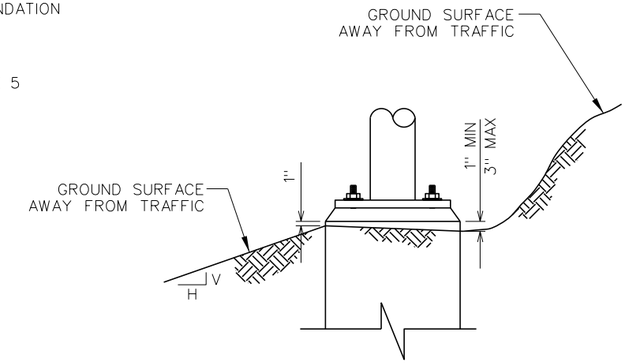
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS45



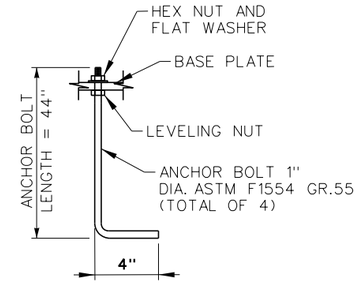
DETAIL 1



SECTION A-A



DETAIL 2



DETAIL 3
ANCHOR BOLT DETAIL
(SEE NOTE 8)

ITS POLE	ANCHOR BOLTS DIA.	ANCHOR BOLT LENGTH	VERTICAL REINFORCING STEEL	DRILLED SHAFT DIAMETER	FOUNDATION DEPTH
30'	1"	44"	12 - NO. 7	36"	7'

NOTES:

1. FOR ANCHOR BOLT LAYOUT SEE SECOND DETAIL SHEET.
2. CONFIRM BASE PLATE ELEVATION WITH ENGINEER PRIOR TO POURING OF FOUNDATION.
3. DRILLED SHAFT SHALL BE CONSTRUCTED ACCORDING TO SECTION 623 OF THE STANDARD SPECIFICATIONS.
4. PILE SHALL BE FORMED 6" MIN. BELOW GROUND SURFACE. REMAINDER TO BE PLACED AGAINST UNDISTURBED MATERIAL.
5. FOR NUMBER AND SIZE OF CONDUIT IN FOUNDATION, SEE ITS PLAN SHEETS, UNLESS NOTED OTHERWISE.
6. DEPTH OF FOUNDATION (DRILLED SHAFT) WILL BE MEASURED FROM THE LOWEST POINT ON FINISHED GRADE AND LENGTH OF PILE WILL CHANGE ACCORDINGLY.
7. TERMINATE NO. 4 SPIRAL REINFORCEMENT WITH 135 DEGREE HOOK AROUND MAIN VERTICAL REINFORCEMENT.
8. ALL ANCHOR BOLTS AND NUTS SHALL CONFORM TO THE SPECIFICATIONS ASTM DESIGNATION F1554 GR.55 AND SHALL BE FURNISHED WITH COMMERCIAL QUALITY WASHERS.
9. THREAD UPPER 8" OF ANCHOR BOLTS AND GALVANIZE ENTIRE BOLT IN ACCORDANCE WITH ASTM A153 (AASHTO M232).
10. BEFORE PLACING THE FOUNDATION, CONTACT THE DESIGN BUILD GEOTECHNICAL ENGINEERING SECTION FOR FURTHER INVESTIGATION WHEN THE FOLLOWING SOIL CONDITIONS ARE ENCOUNTERED: (A) SOILS WITH HIGH ORGANIC CONTENT; (B) THE SITE CANNOT SUPPORT THE DRILL RIG; OR (C) FIRM BEDROCK IS ENCOUNTERED.
11. BONDING AND GROUNDING SHALL MEET THE NATIONAL ELECTRIC CODE AND NDOT STANDARDS. SEE POLE GROUNDING DETAIL ON NDOT STANDARD PLAN T-30.1.16.
12. STRUCTURAL BOLTS AND OTHER STEEL HARDWARE SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 (AASHTO M232).

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
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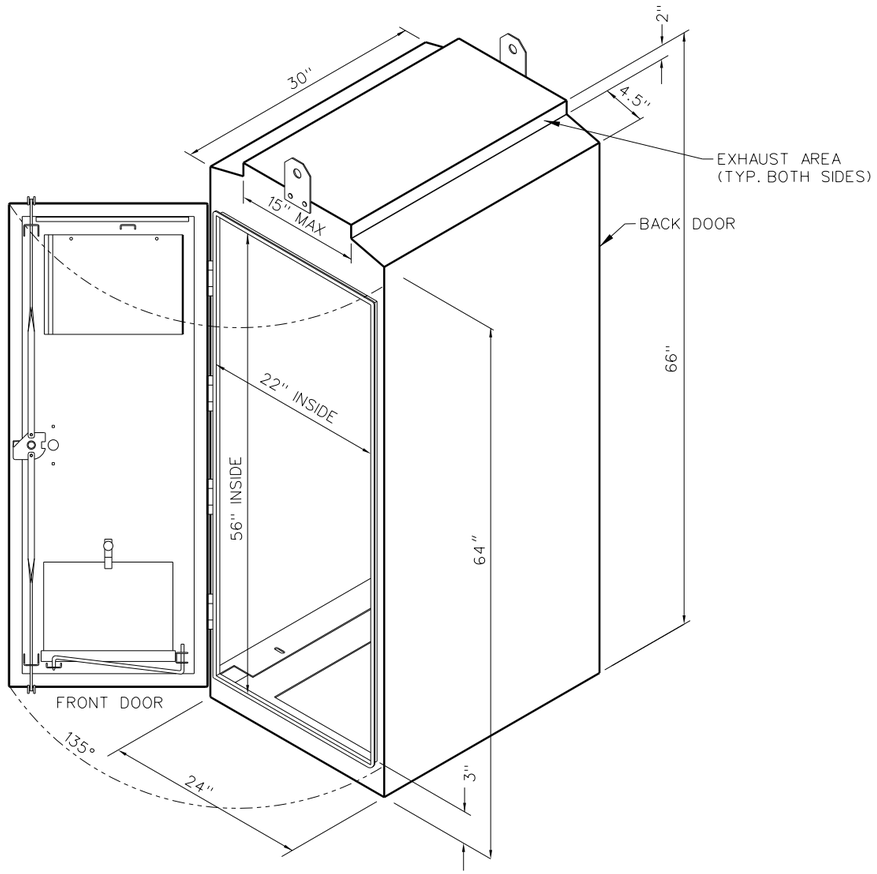
30' ITS POLE DETAIL
3 OF 3

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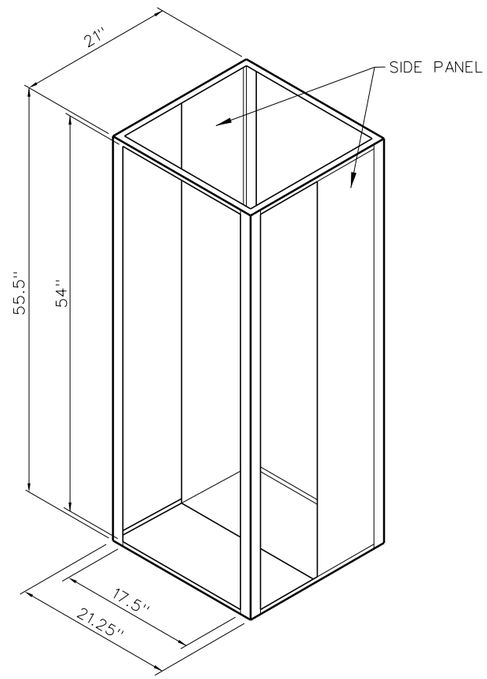
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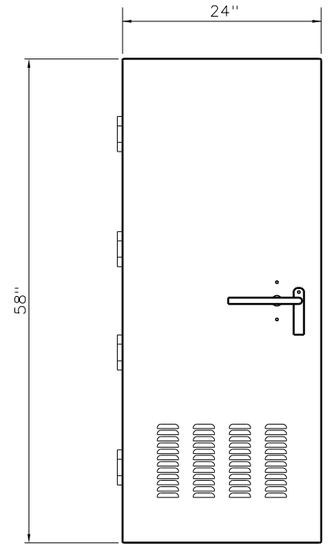
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS46



ISOMETRIC VIEW
NTS



EQUIPMENT RACK
ISOMETRIC VIEW
NTS



FRONT AND BACK DOOR
FRONT VIEW
NTS

MODEL 334 CABINET DETAIL
NTS

NOTES:

1. SEE PLANS FOR CABINET IDENTIFICATION CODE.
2. COIL 15' OF ALL CABLES IN ADJACENT PULL BOX INCLUDING CCTV, FLOW DETECTORS, AND POWER CABLES.
3. CABINET FOUNDATION SHALL BE CONSTRUCTED PER NDOT STD PLANS M-1.11 AND M-1.12, AS REQUIRED BY FIELD CONDITIONS.

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS46	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

CONTROLLER CABINET DETAILS

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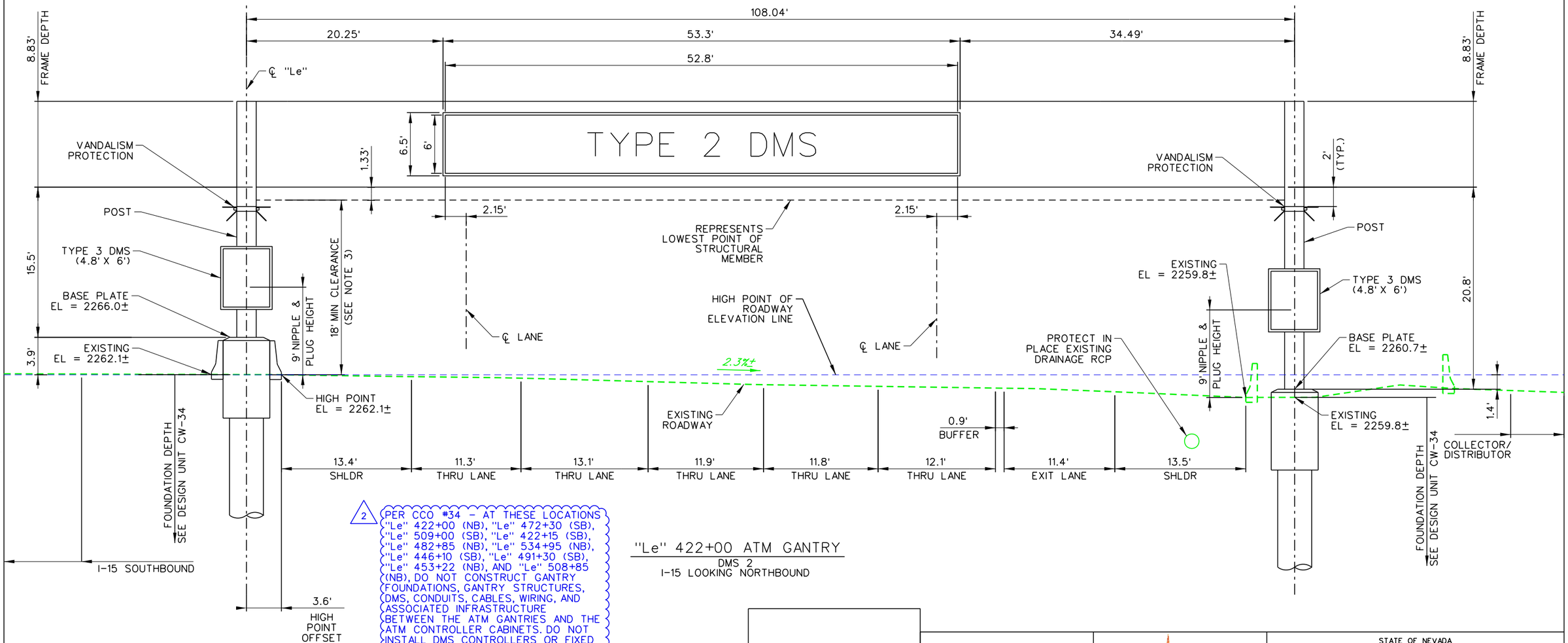
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS47

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

"Le" 422+00 ATM GANTRY
DMS 2
I-15 LOOKING NORTHBOUND

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS47	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 422+00

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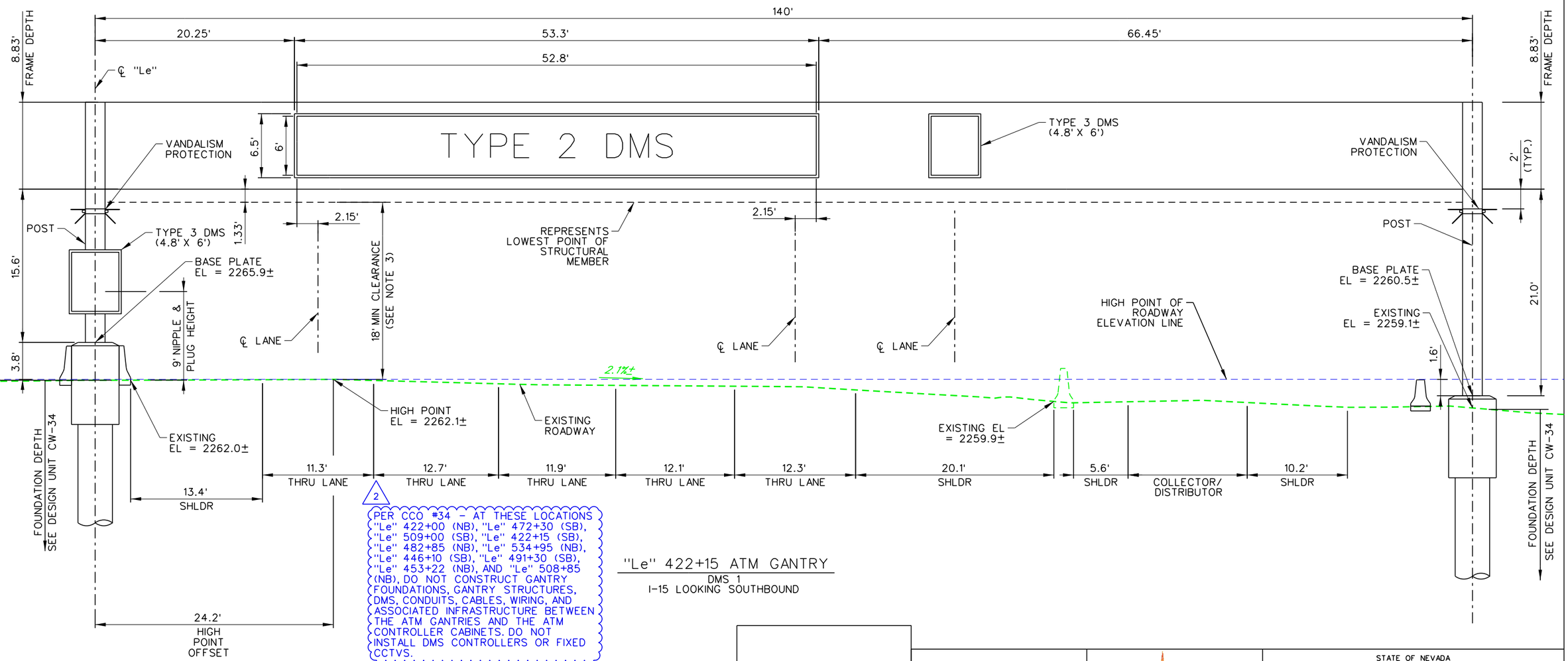
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS48

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY. GANTRY MOUNTED TYPE 3 DMS TO BE MOUNTED ON CENTER OF THE EXISTING BARRIER RAIL.



2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

"Le" 422+15 ATM GANTRY
DMS 1
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS48	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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GANTRY STRUCTURE DETAILS
"Le" 422+15

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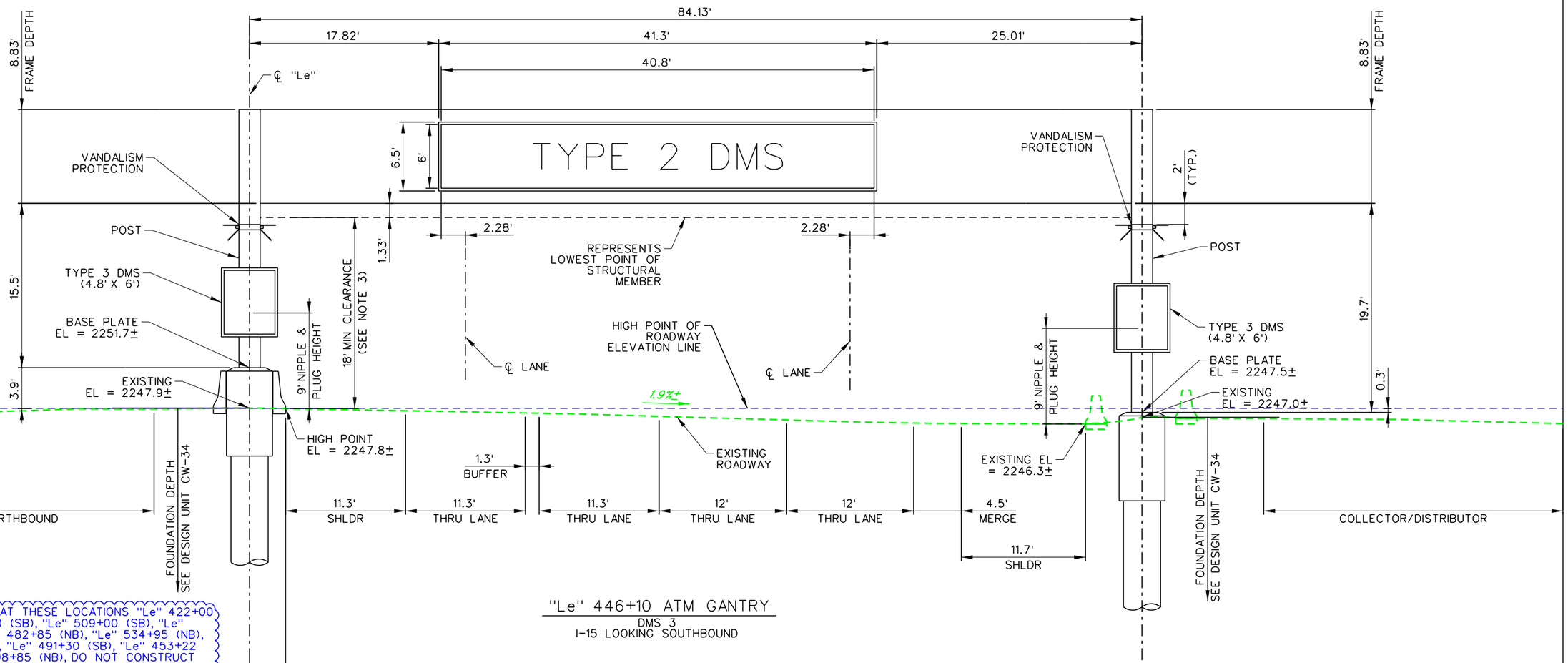
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS49

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 446+10 ATM GANTRY
DMS 3
I-15 LOOKING SOUTHBOUND

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS49	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 446+10

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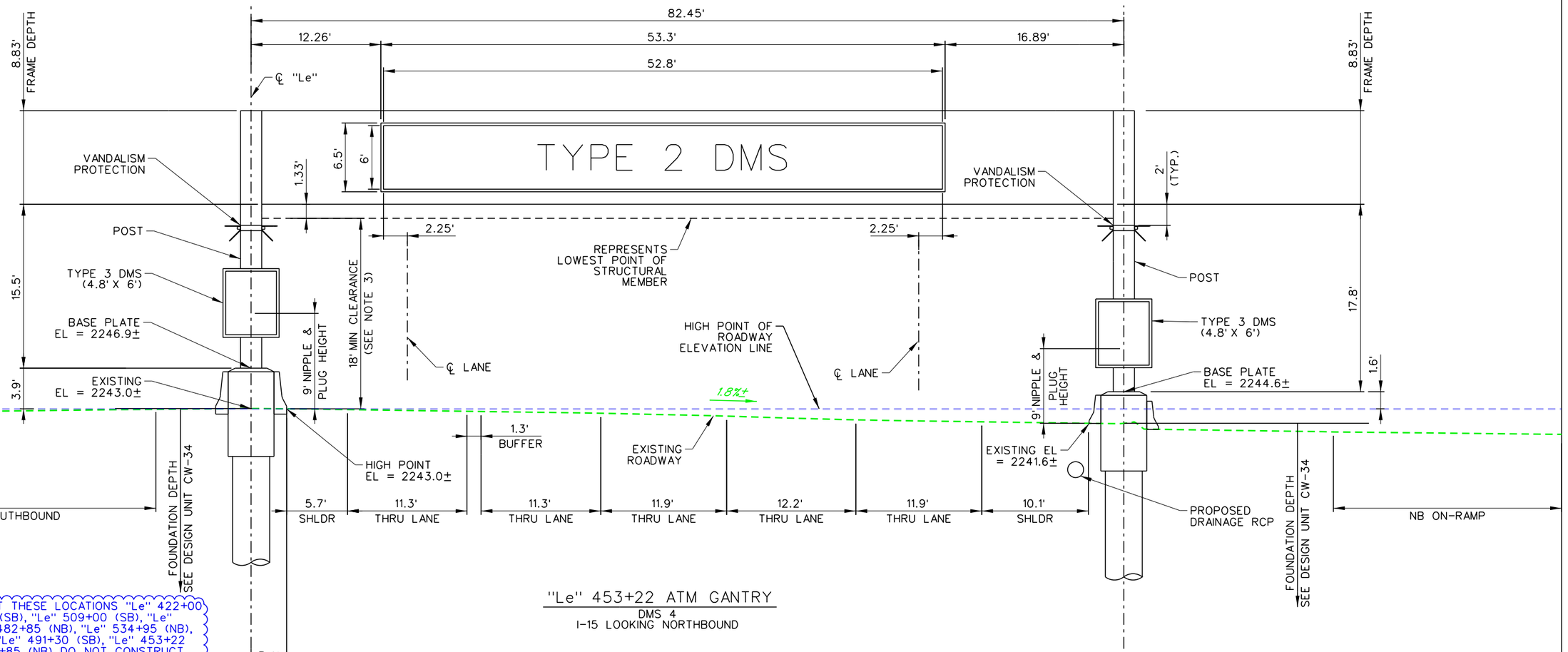
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS50

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 453+22 ATM GANTRY
DMS 4
I-15 LOOKING NORTHBOUND

△2 PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS50	12/20/16

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MAY 01, 2019

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GANTRY STRUCTURE DETAILS
"Le" 453+22

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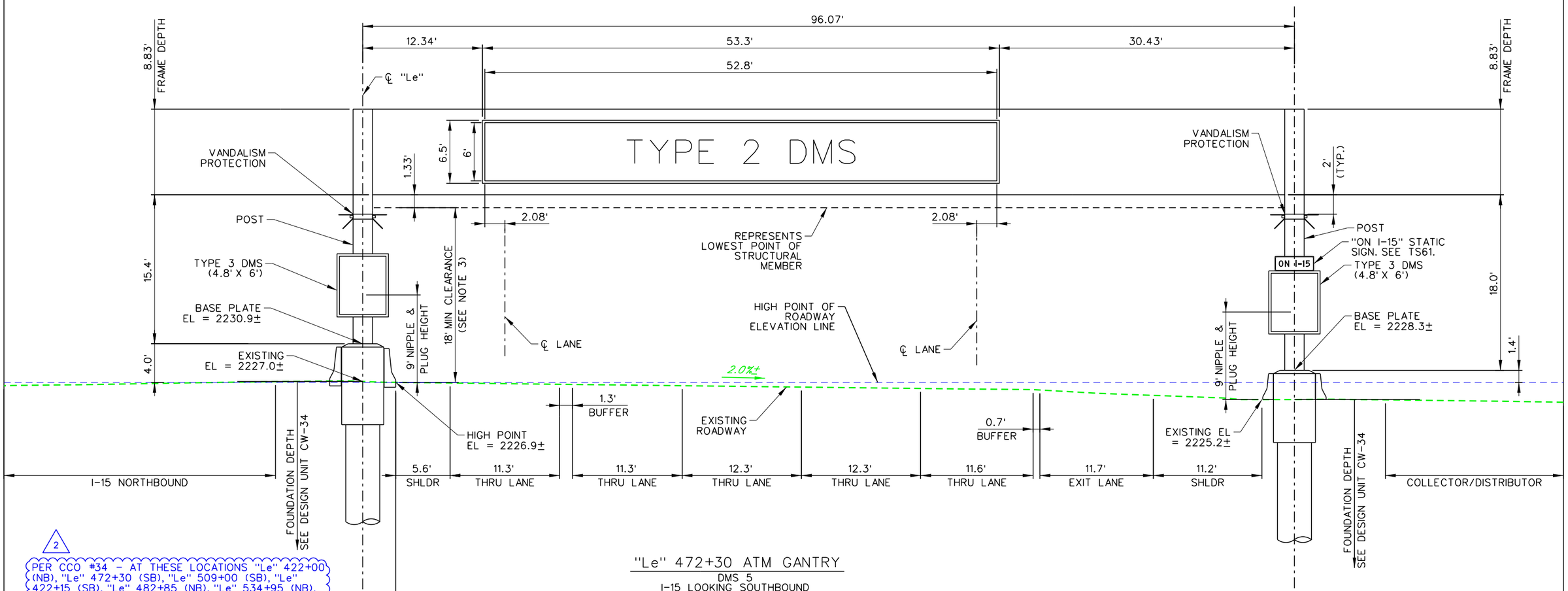
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS51

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 472+30 ATM GANTRY
DMS 5
I-15 LOOKING SOUTHBOUND

2

PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS51	12/20/16

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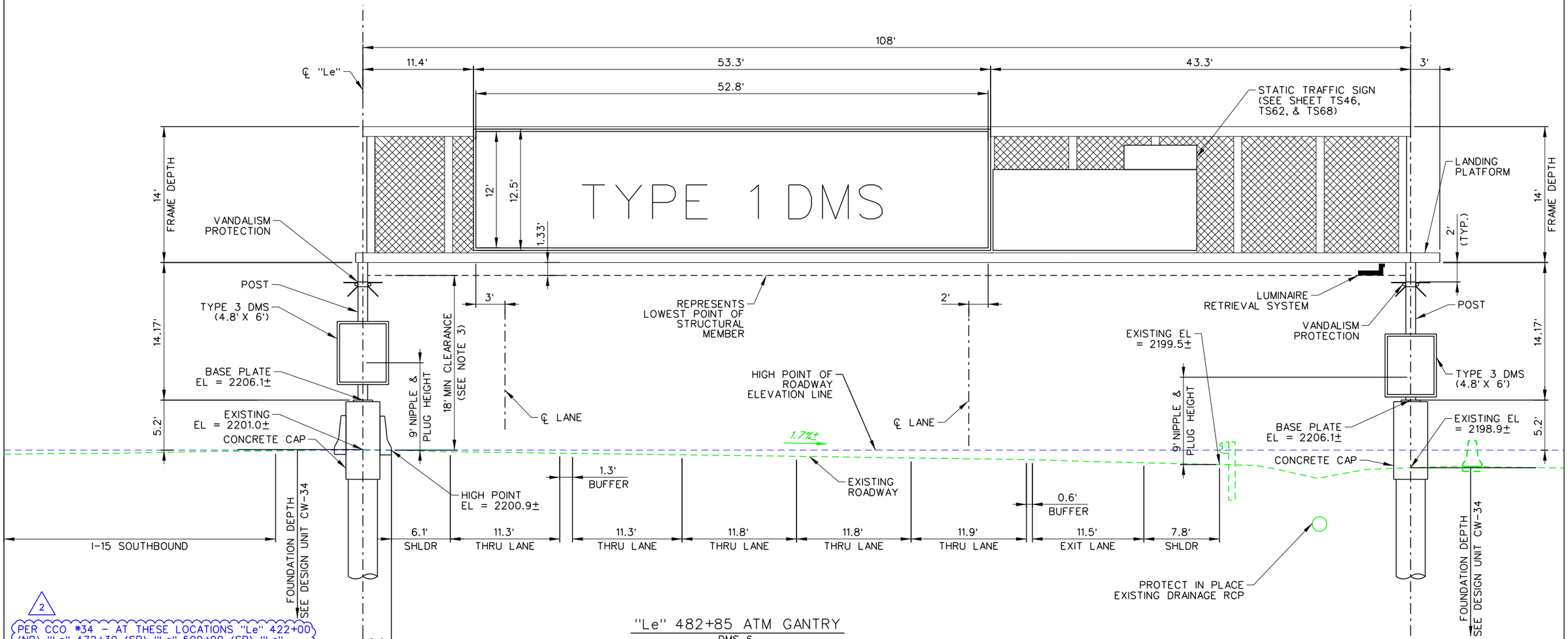
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS52

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 482+85 ATM GANTRY
DMS 6
I-15 LOOKING NORTHBOUND

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
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1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS52	12/20/16

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STATE OF NEVADA
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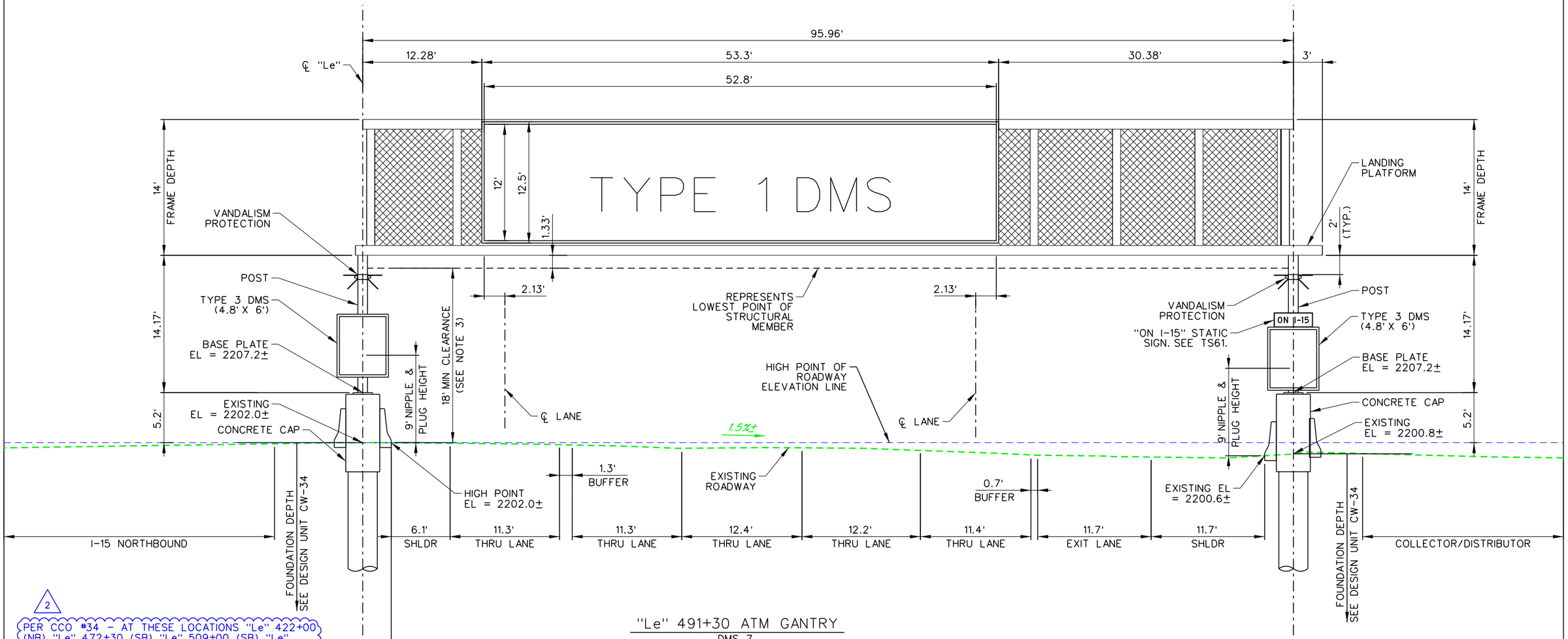
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS53

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 491+30 ATM GANTRY
DMS 7
I-15 LOOKING SOUTHBOUND

△2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS53	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 491+30

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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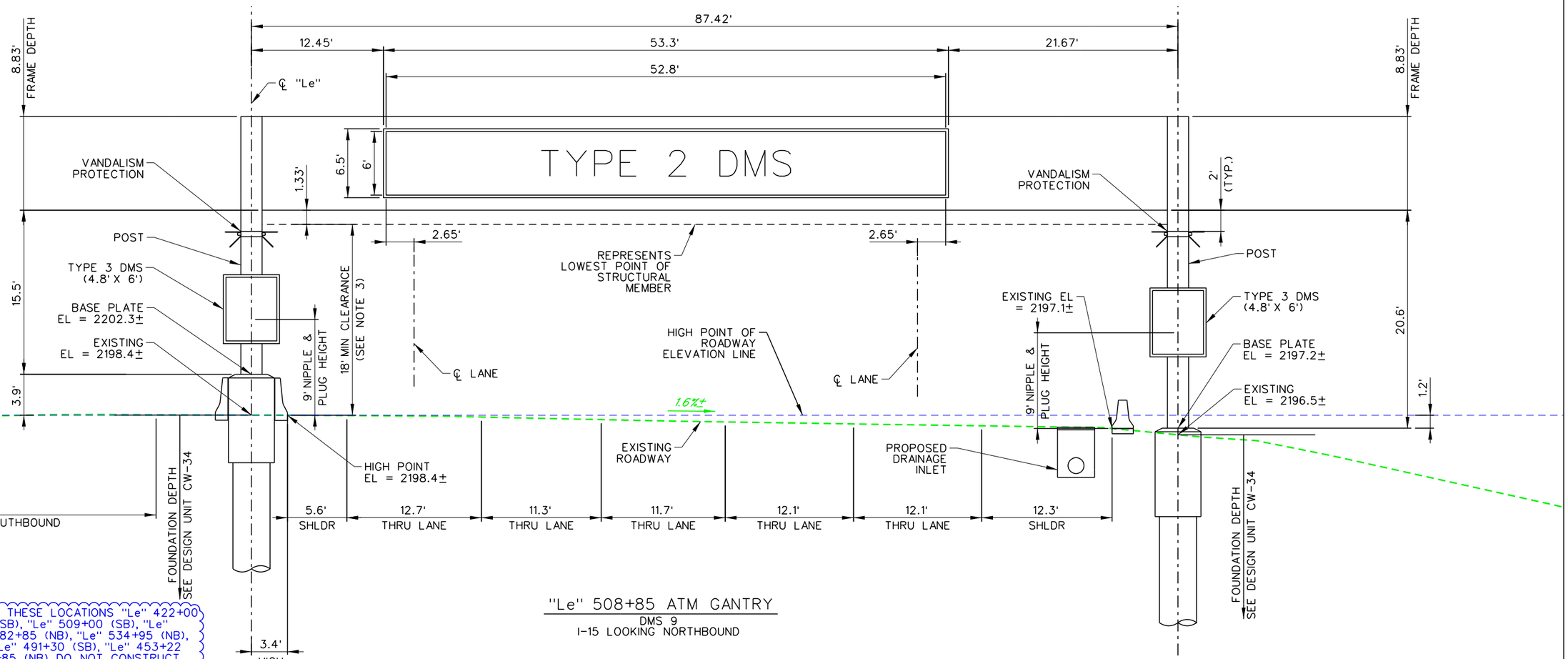
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS54

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 508+85 ATM GANTRY
DMS 9
I-15 LOOKING NORTHBOUND

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS54	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 508+85

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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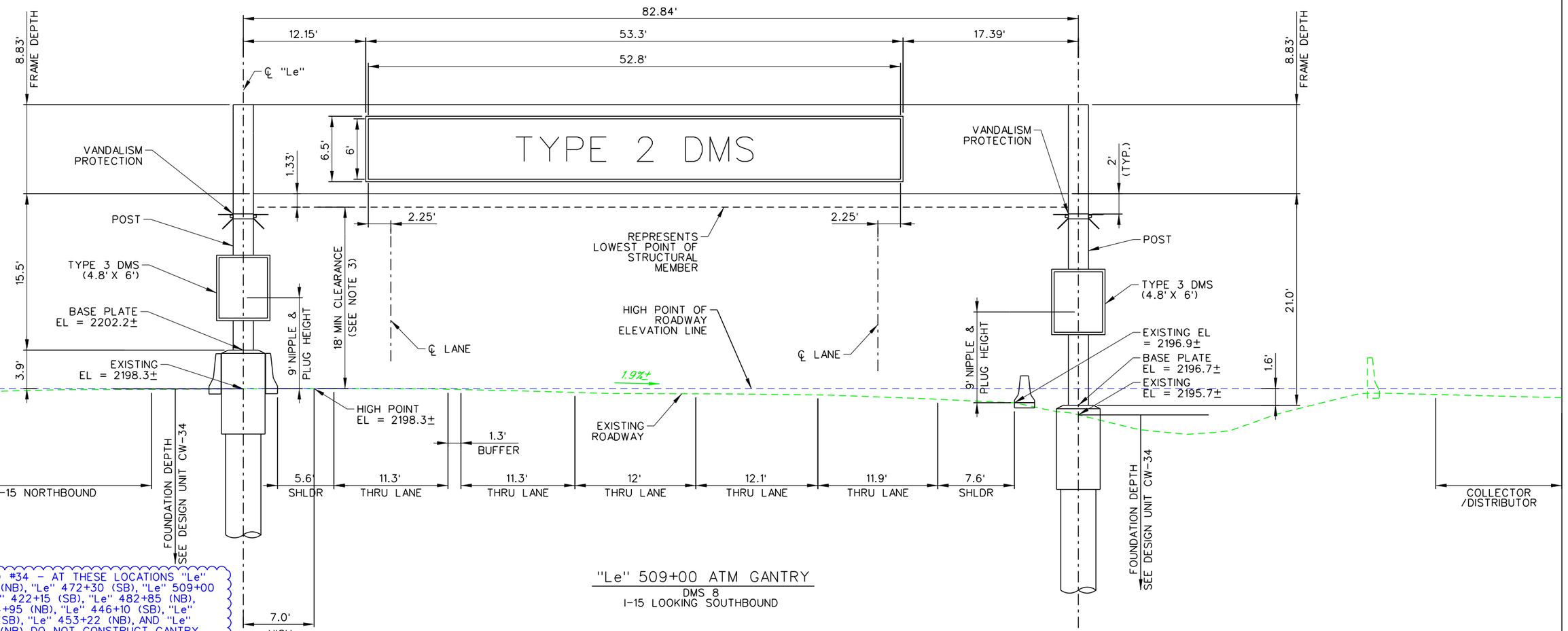
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REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS55

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 509+00 ATM GANTRY
DMS 8
I-15 LOOKING SOUTHBOUND

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS55	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 509+00

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2270 Corporate Circle
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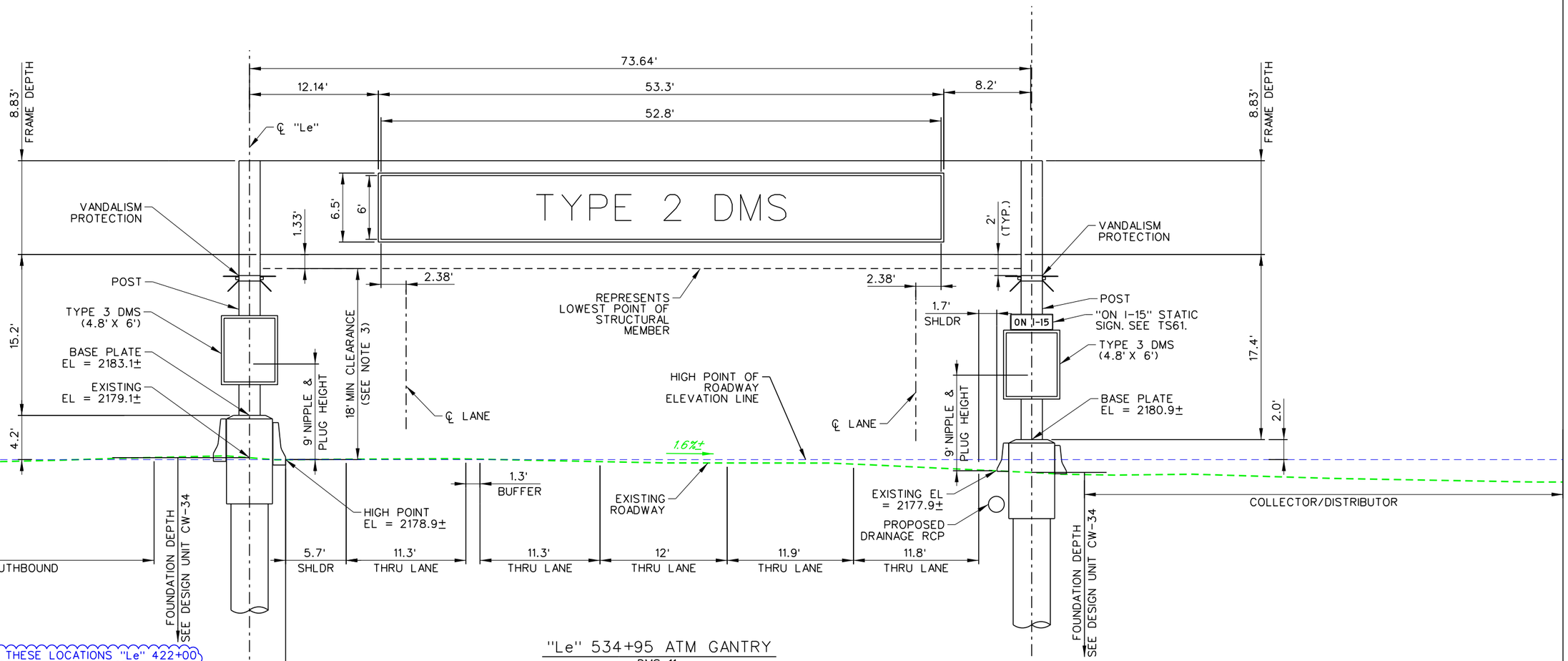
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS56

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 534+95 ATM GANTRY
DMS 11
I-15 LOOKING NORTHBOUND

2

PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS56	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 534+95

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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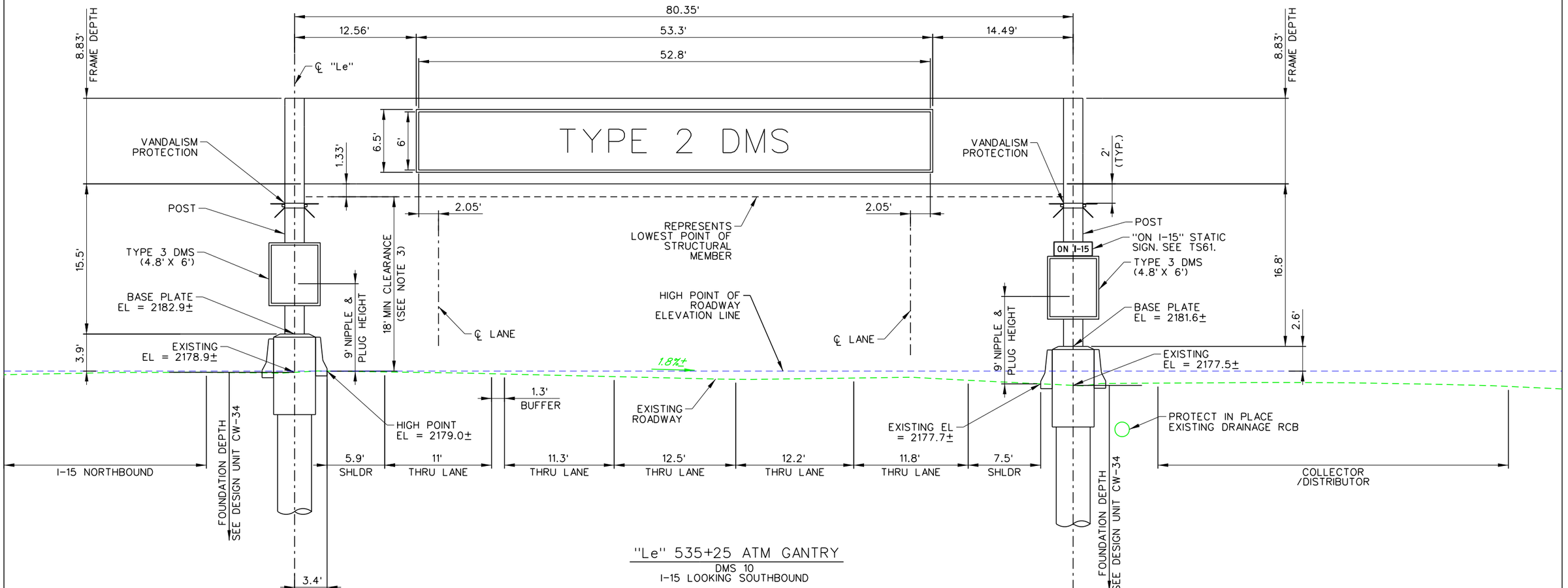
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS57

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 535+25 ATM GANTRY
DMS 10
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS57	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 535+25

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Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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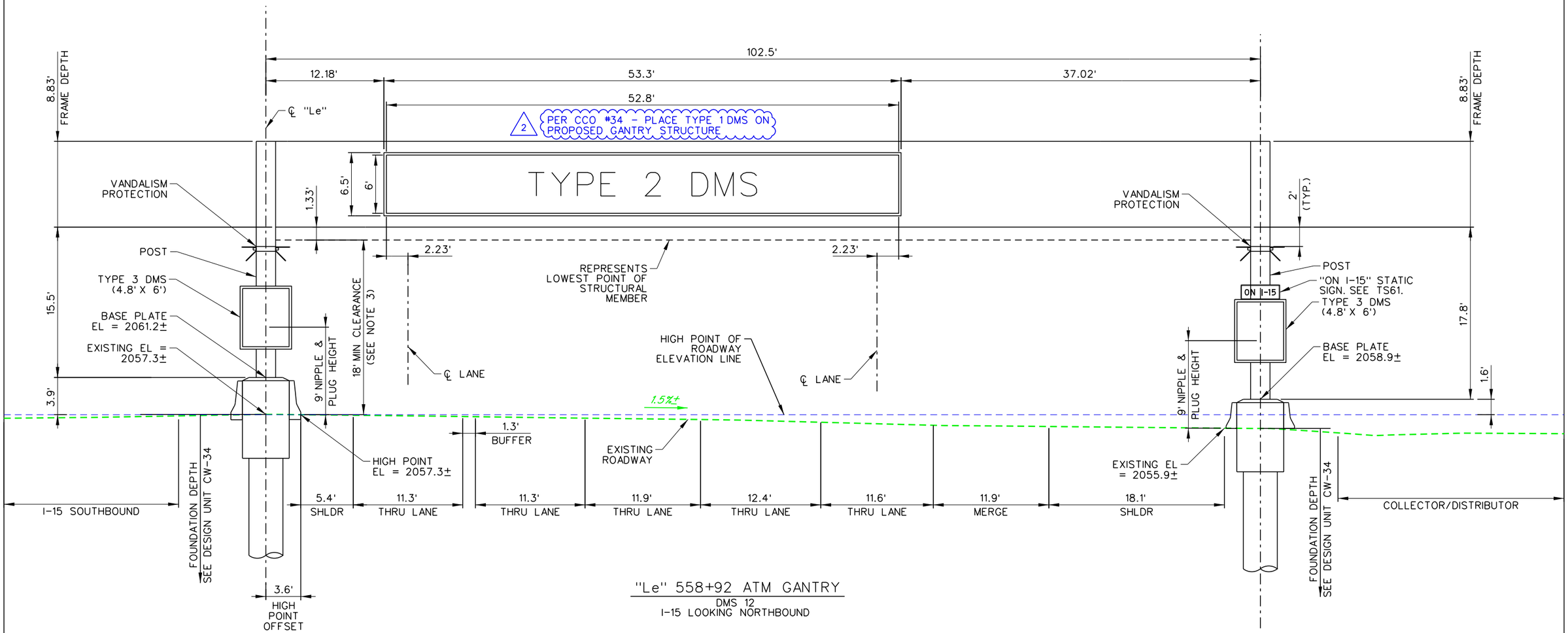
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS58

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 558+92 ATM GANTRY
DMS 12
I-15 LOOKING NORTHBOUND

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS58	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 558+92

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

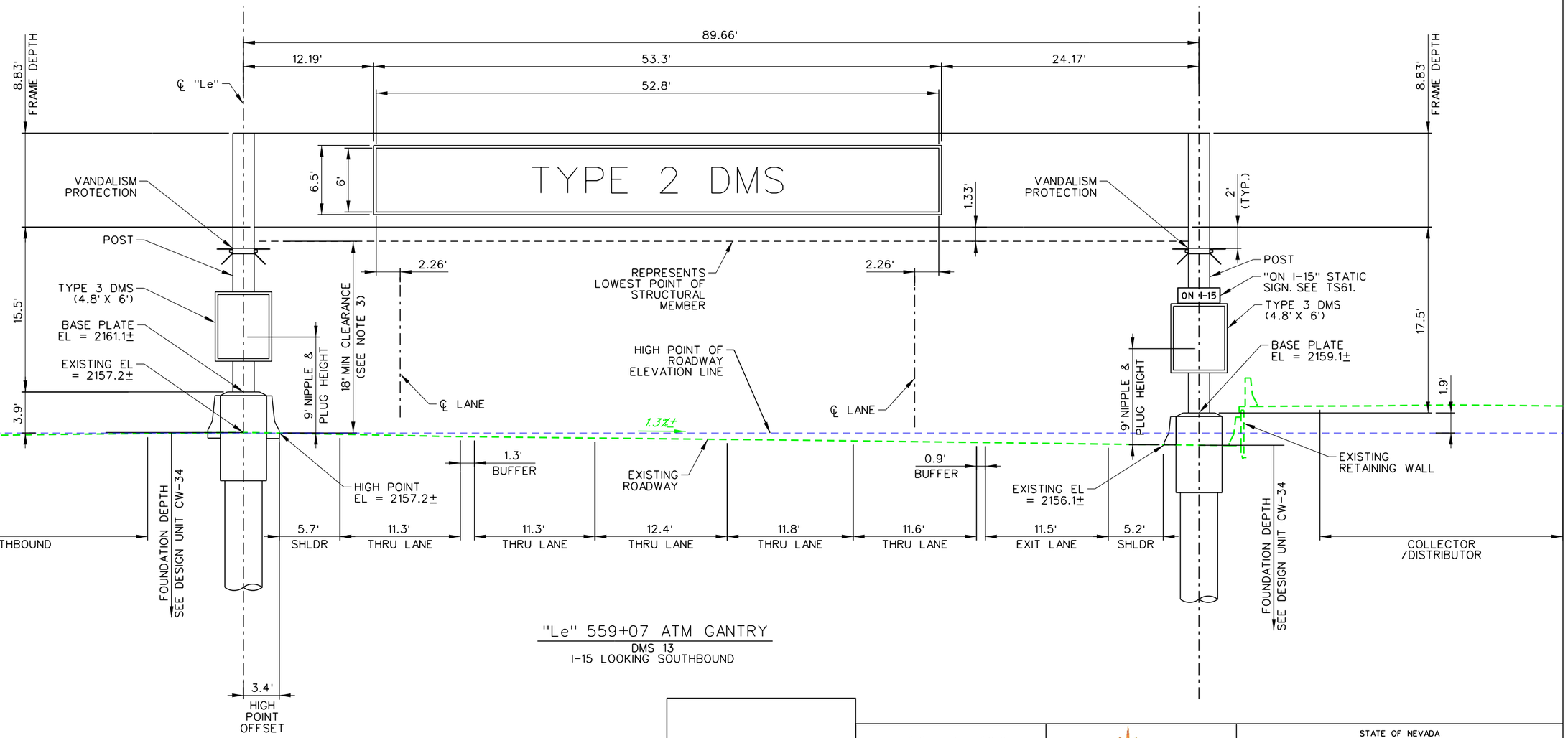
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REVIEWED BY	PJM

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS59

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 559+07 ATM GANTRY
DMS 13
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS59	12/20/16

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 559+07

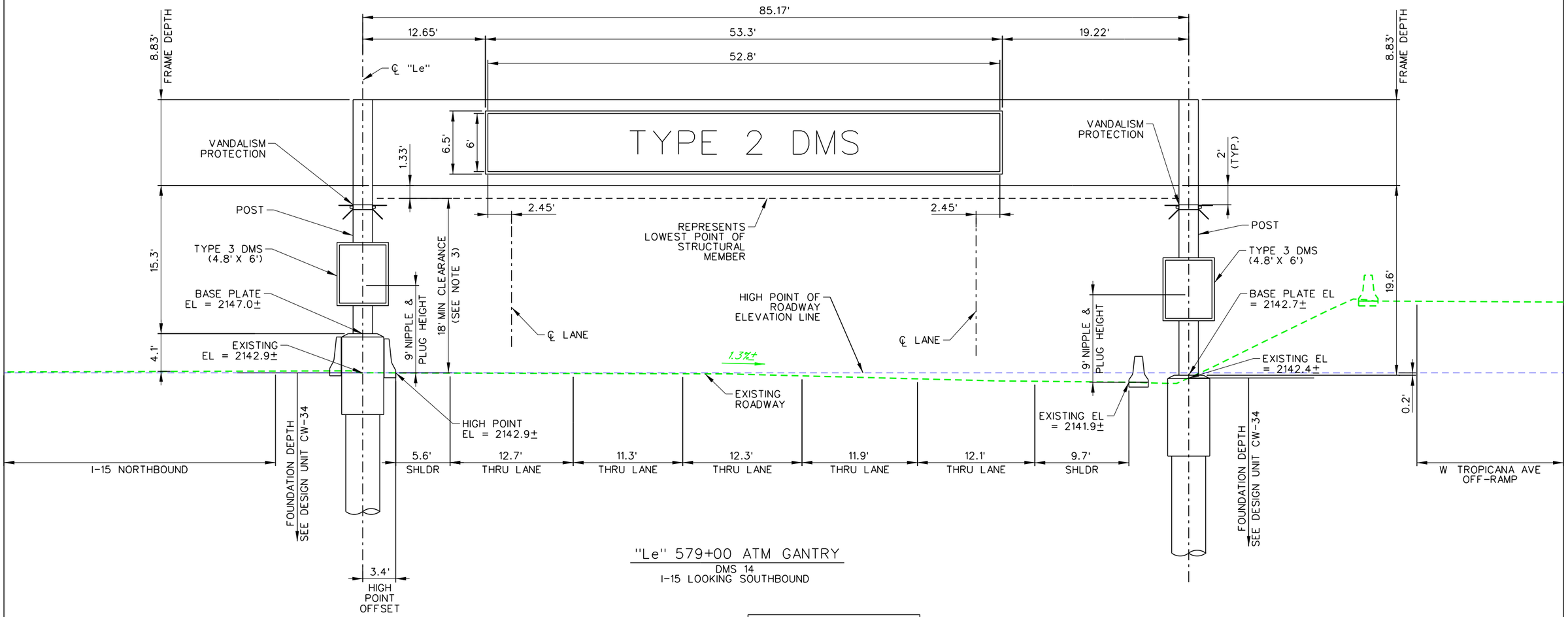
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NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS60



"Le" 579+00 ATM GANTRY
DMS 14
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS60	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 579+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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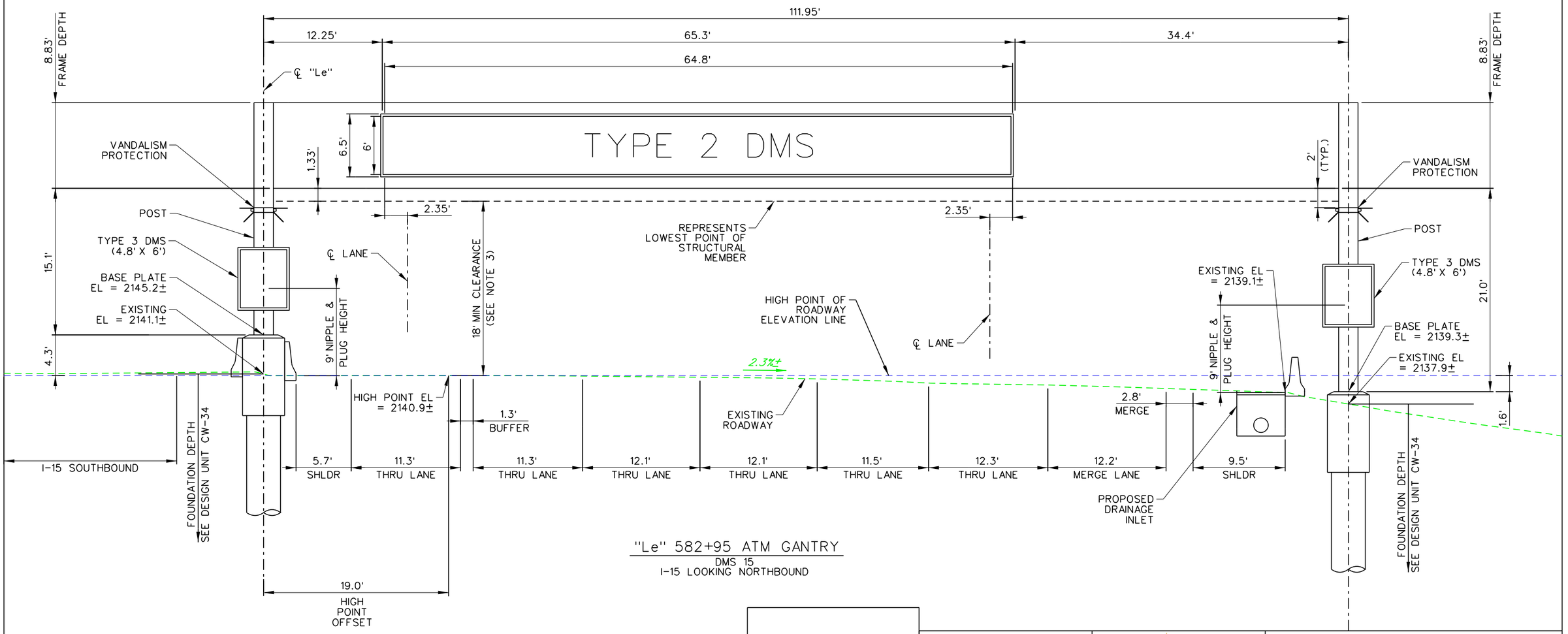
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NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS61



"Le" 582+95 ATM GANTRY
DMS 15
I-15 LOOKING NORTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS61	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 582+95

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

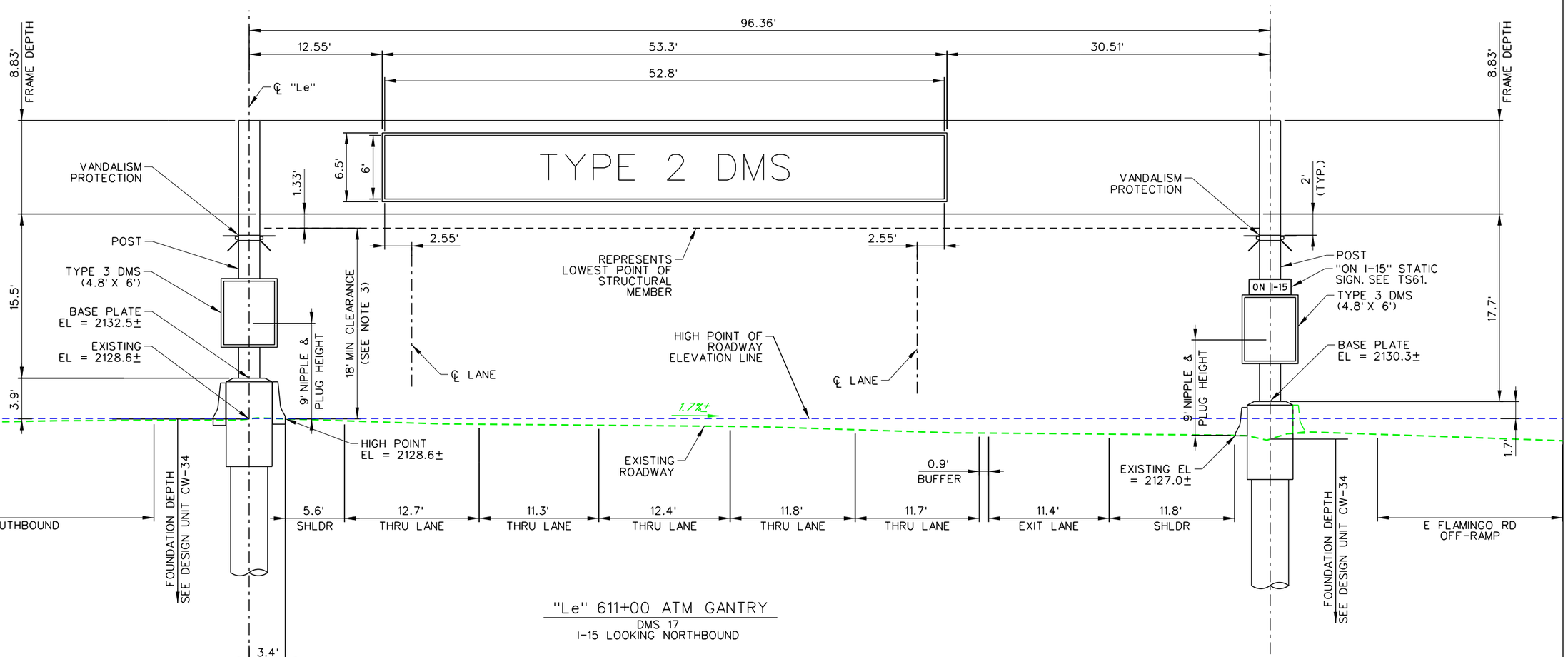
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS62

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 611+00 ATM GANTRY
DMS 17
I-15 LOOKING NORTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS62	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 611+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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CHECKED BY JDP
REVIEWED BY PJM

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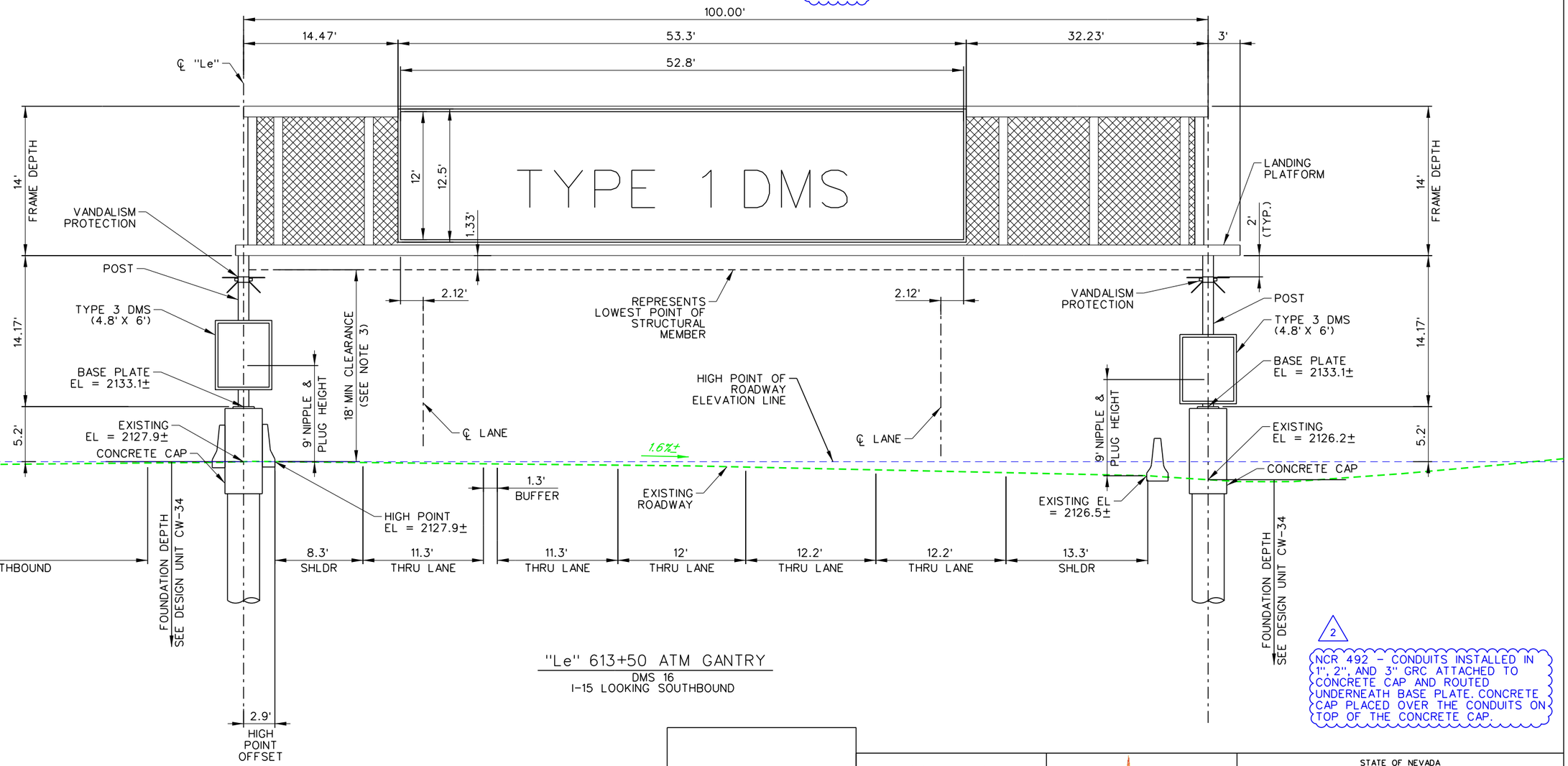
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS63

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.

2 NDC 1131

2 PER CCO #34 – LENGTHEN GANTRY BY 10 FEET WITH OFFSET OF 100' LT/0'LT



"Le" 613+50 ATM GANTRY
DMS 16
I-15 LOOKING SOUTHBOUND

2 NCR 492 – CONDUITS INSTALLED IN 1", 2", AND 3" GRC ATTACHED TO CONCRETE CAP AND ROUTED UNDERNEATH BASE PLATE. CONCRETE CAP PLACED OVER THE CONDUITS ON TOP OF THE CONCRETE CAP.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - NCR 492, NCR 1131	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS63	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS "Le" 613+50

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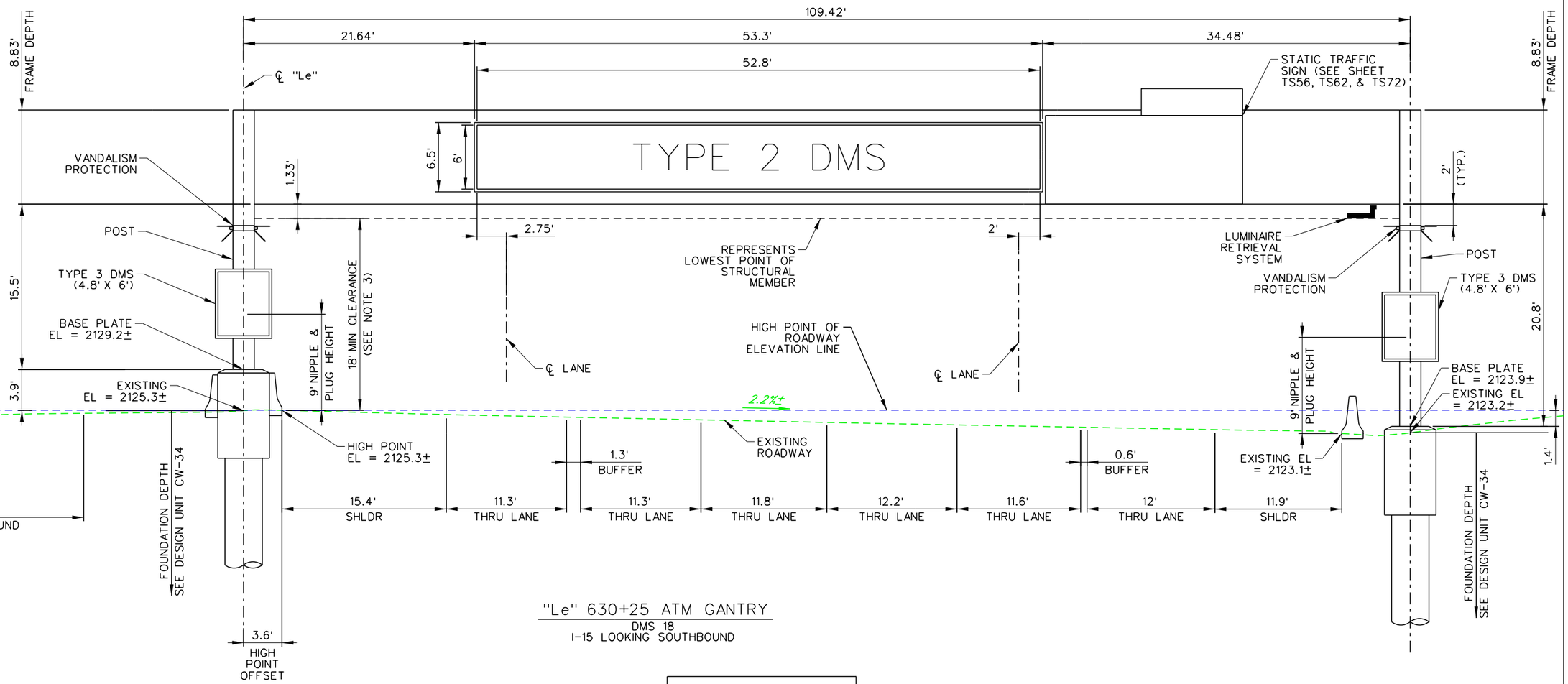
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS64

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 630+25 ATM GANTRY
DMS 18
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS64	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 630+25

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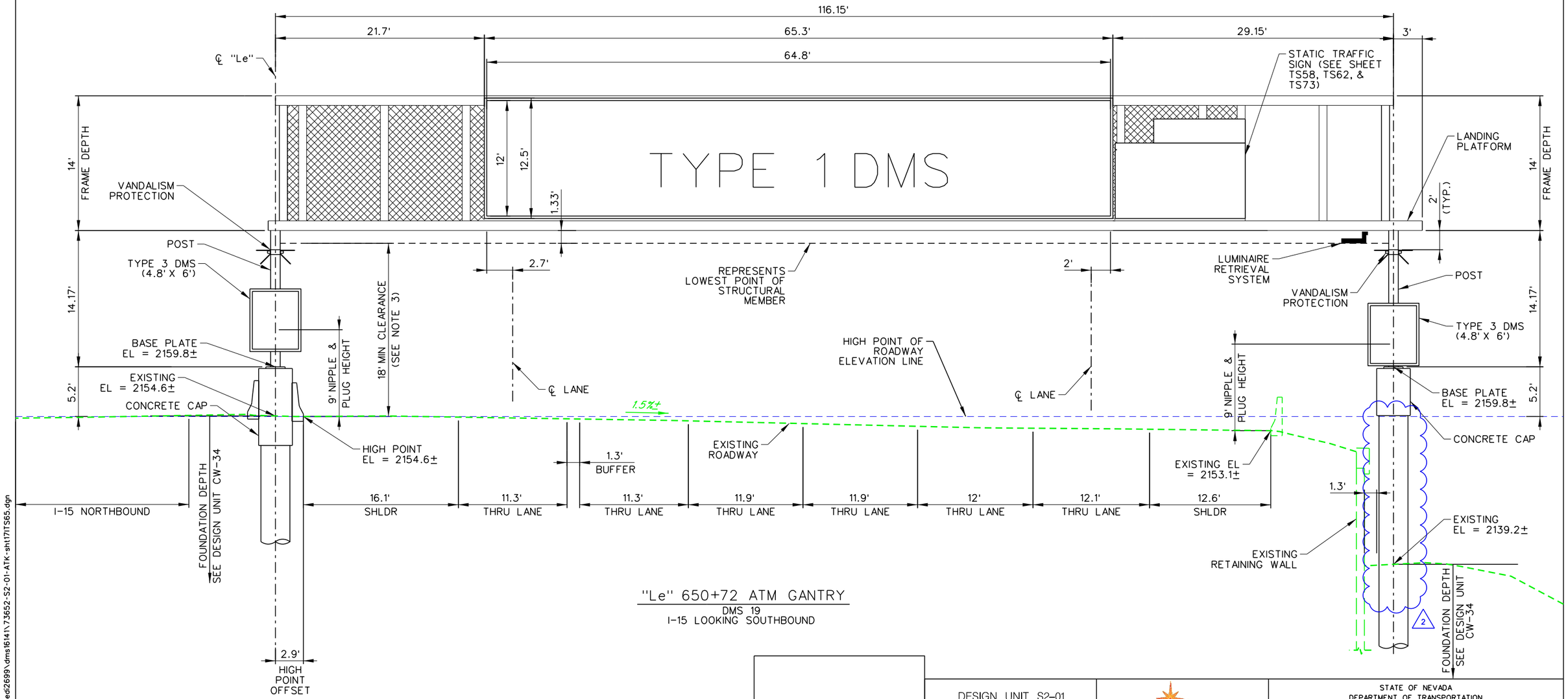
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS65

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY.



"Le" 650+72 ATM GANTRY
DMS 19
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
2	AS-BUILTS - RFI 1129	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS65	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

GANTRY STRUCTURE DETAILS
"Le" 650+72

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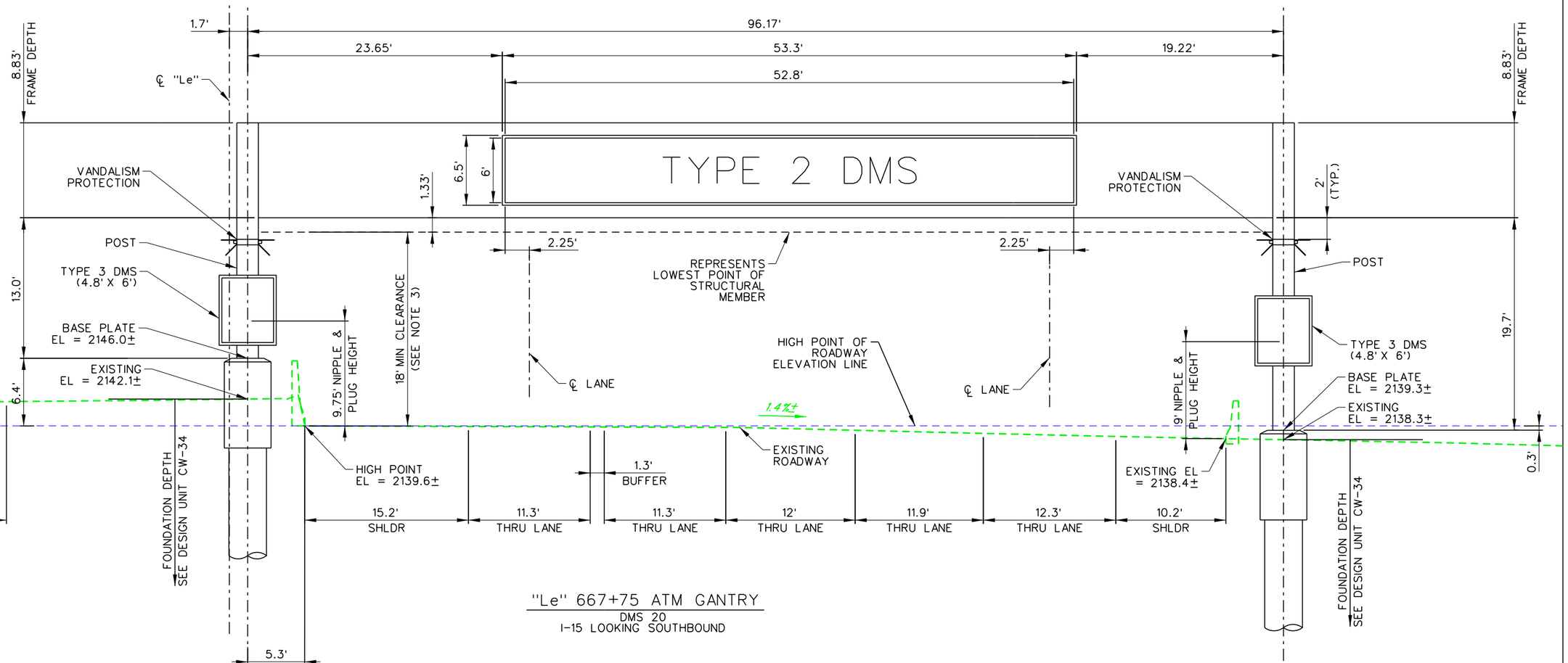
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	ITS66

NOTES:

1. DMS GANTRY STRUCTURES SHALL BE INSTALLED PER DESIGN UNIT CW-34 STRUCTURES PLANS.
2. POST LENGTHS ARE APPROXIMATE. ACTUAL ELEVATIONS AND COLUMN LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
3. VERTICAL CLEARANCE IS FROM THE HIGHEST POINT OF THE ROADWAY TO THE LOWEST POINT OF THE STRUCTURAL FRAME, MOUNTING, WALKWAY BRACKETS, OR SIGN PANEL.
4. POST MOUNTED TYPE 3 DMS SHALL BE MOUNTED 7.75' AND 7' ABOVE THE EDGE OF THE PAVEMENT TO THE BOTTOM OF THE DMS DISPLAY, RESPECTIVLY FOR THE LEFT AND RIGHT TYPE 3 DMS.



"Le" 667+75 ATM GANTRY
DMS 20
I-15 LOOKING SOUTHBOUND

NO.	DESCRIPTION	DATE
1	FINAL	02/10/17
0	RFC - 73652-S2-01-ATK-SHT17ITS66	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

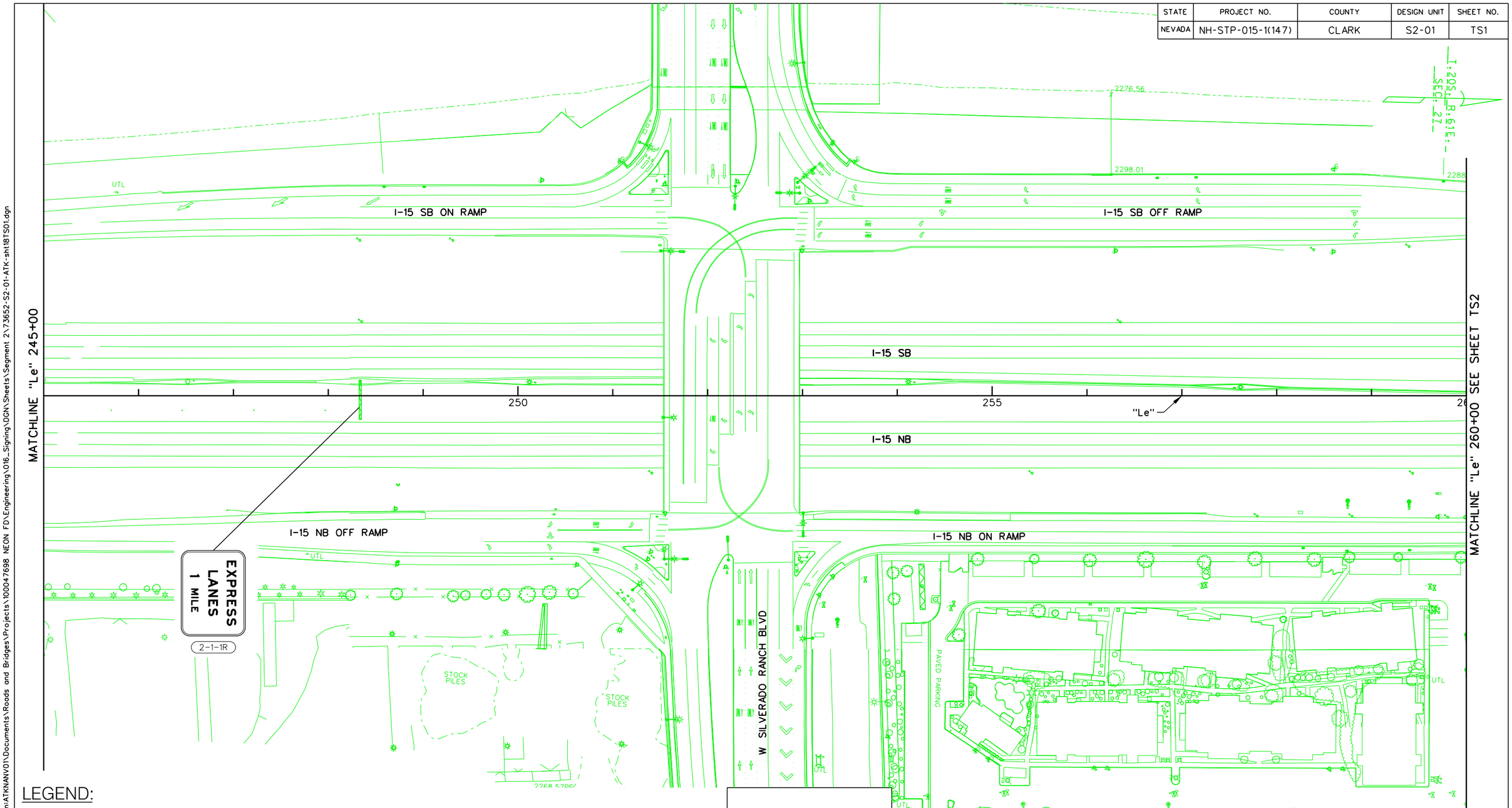
GANTRY STRUCTURE DETAILS
"Le" 667+75

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS1



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS01.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
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SIGN REMOVAL PLAN
"Le" 245+00 TO "Le" 260+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS2

T.20S., R.61E., SEC. 27

MATCHLINE "Le" 260+00 SEE SHEET TS1

MATCHLINE "Le" 275+00 SEE SHEET TS3

I-15 SB OFF RAMP

I-15 SB

I-15 NB

I-15 NB ON RAMP

"Le"

260

265

270

275

W RICHMAR AVE

ENCHANTED ROCK LN

UTL

EXPRESS LANES
1/2 MILE
NEXT EXIT
Sahara Ave
8 MILES
2-2-1R

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS02.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
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SIGN REMOVAL PLAN
"Le" 260+00 TO "Le" 275+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS3

T.20S., R.61E., SEC. 27

MATCHLINE "Le" 275+00 SEE SHEET TS2

MATCHLINE "Le" 290+00 SEE SHEET TS4

2-3-1R

EXPRESS LANES END

I-15 SB

I-15 NB

"Le"

275

280

285

290

UTL

UTL

1085 STRIP 2 MODEL 25

LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS03.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

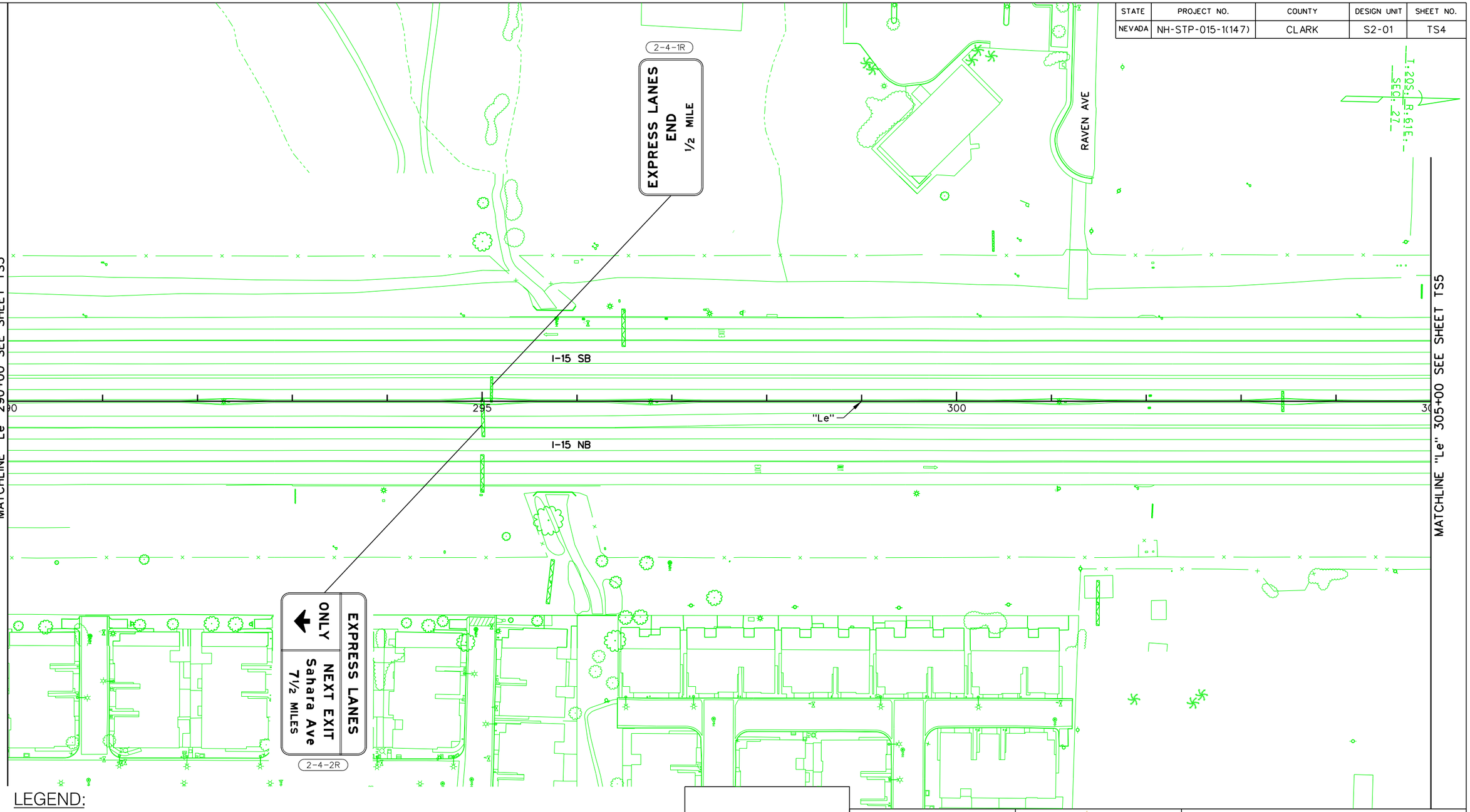
SIGN REMOVAL PLAN
"Le" 275+00 TO "Le" 290+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS4



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS04.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 290+00 TO "Le" 305+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS5

T.20S., R.61E., SEC. 27

PEBBLE RD

W TORINO AVE

I-15 SB

I-15 NB

"Le"

310

315

MATCHLINE "Le" 305+00 SEE SHEET TS4

MATCHLINE "Le" 319+50 SEE SHEET TS6

LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS05.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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DEPARTMENT OF TRANSPORTATION

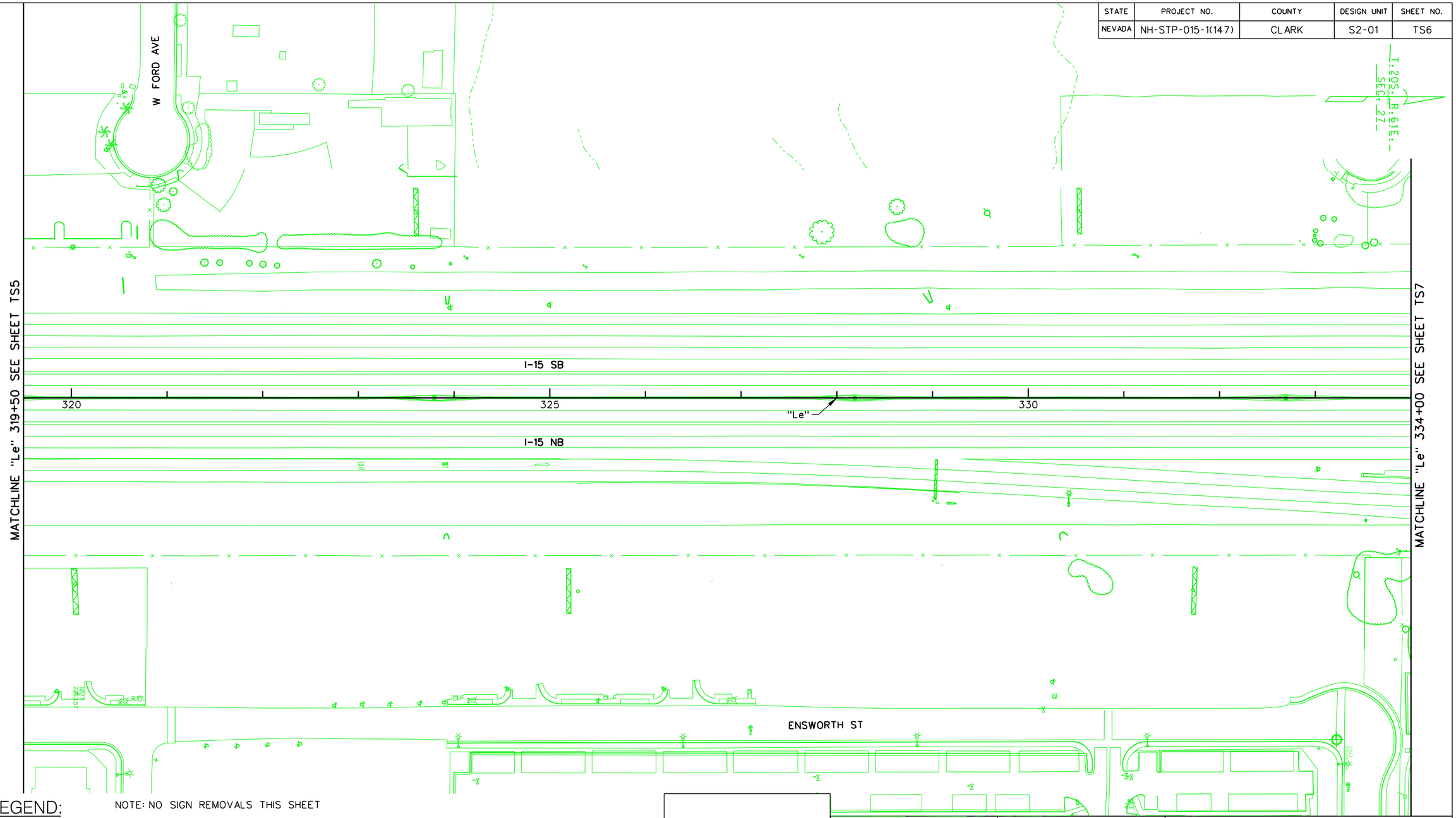
SIGN REMOVAL PLAN
"Le" 305+00 TO "Le" 319+50

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS6



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
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DEPARTMENT OF TRANSPORTATION

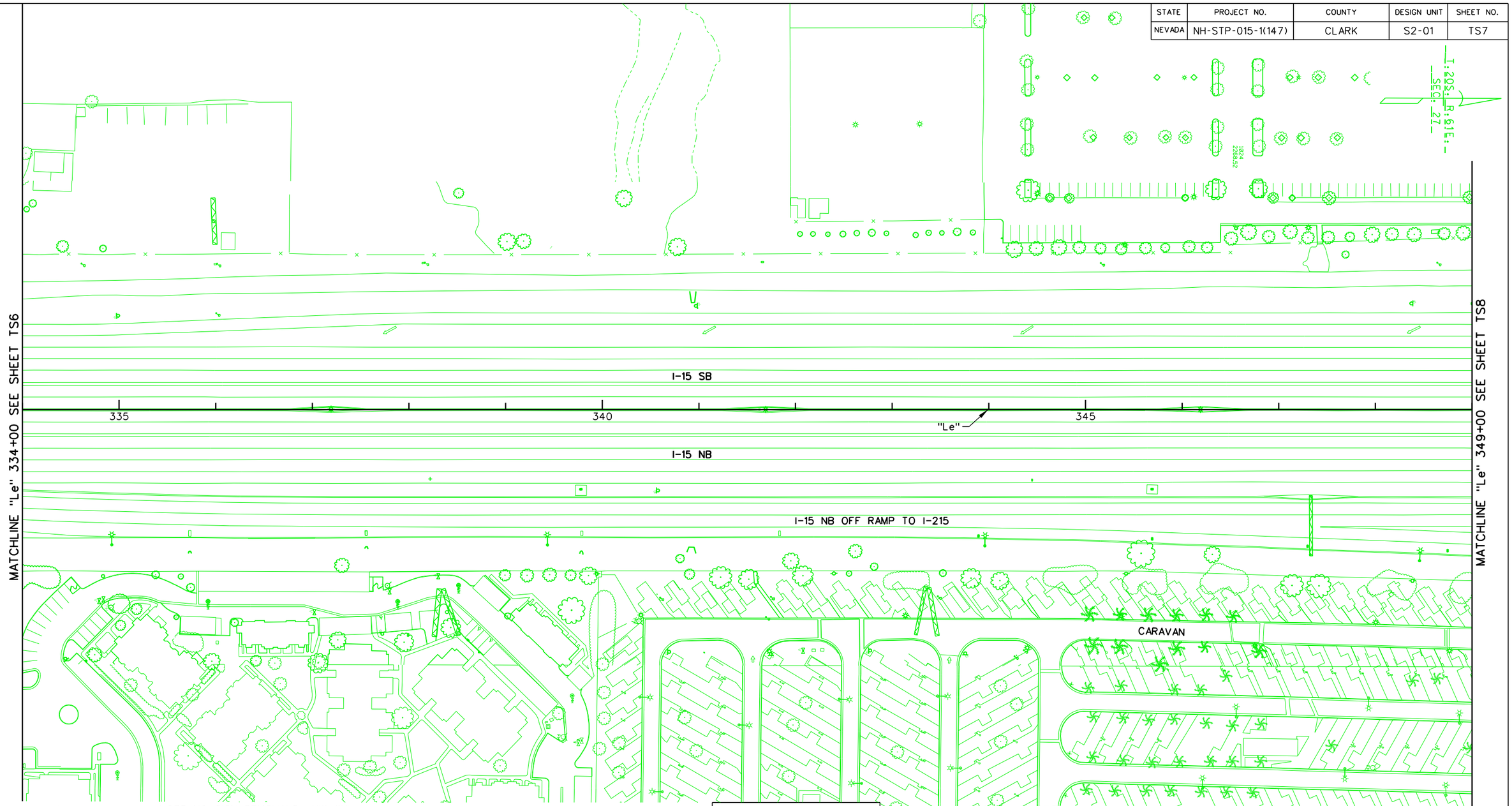
SIGN REMOVAL PLAN
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS7



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT18TS07.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 334+00 TO "Le" 349+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS8

MATCHLINE "Le" 349+00 SEE SHEET TS7

MATCHLINE "Le" 364+00 SEE SHEET TS9

I-15 SB

I-15 NB

350

355

"Le"

360

I-15 SB ON RAMP

I-15 NB ON RAMP

I-15 NB OFF RAMP

BLUE DIAMOND RD

T.20S.; R.61E.; SEC. 27

LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS08.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
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SIGN REMOVAL PLAN
"Le" 349+00 TO "Le" 364+00

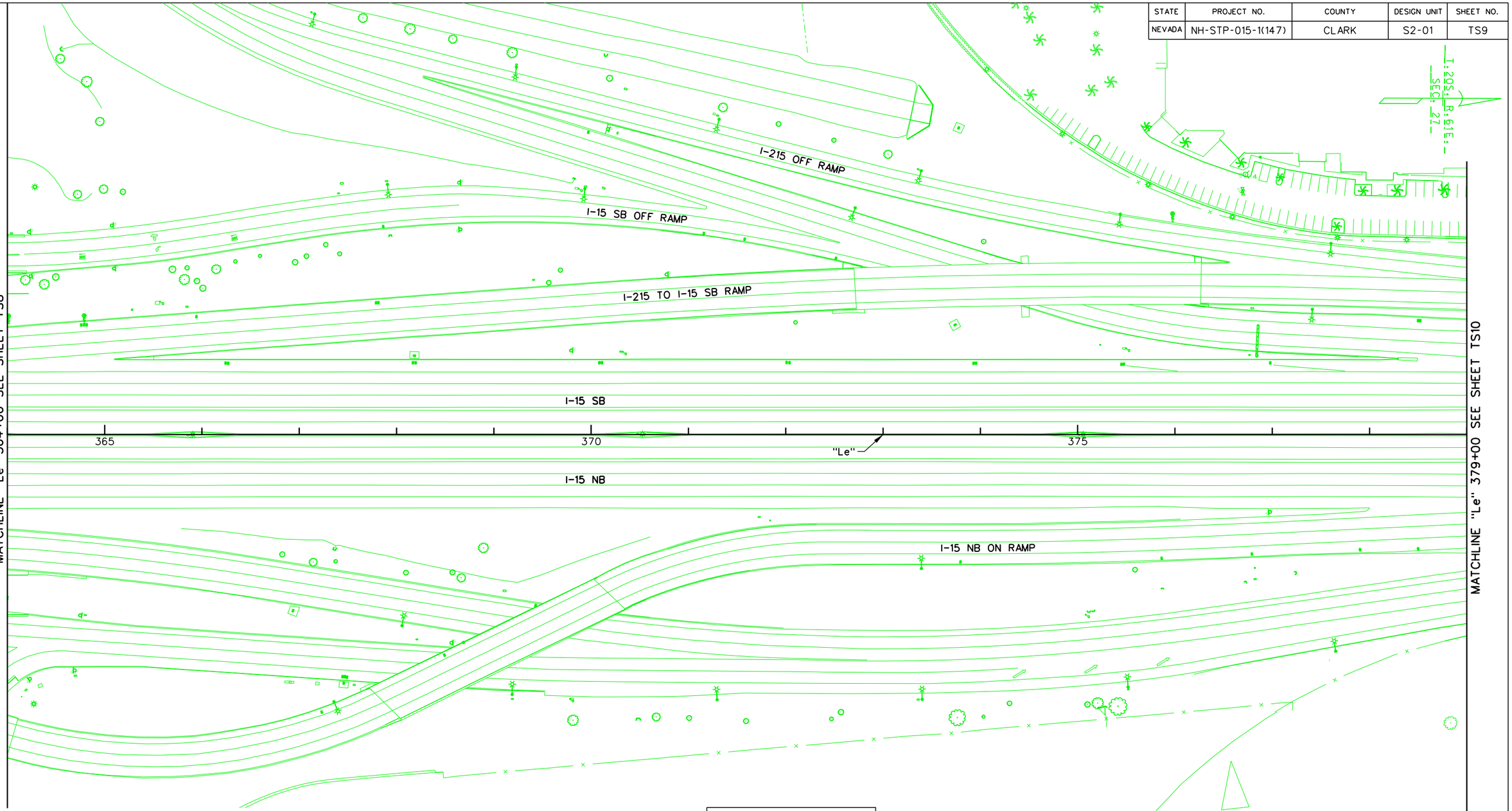
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS9

MATCHLINE "Le" 364+00 SEE SHEET TS8



MATCHLINE "Le" 379+00 SEE SHEET TS10

T.20S.; R.61E.; SEC. 27

LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS09.DGN	12/20/16

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AS-BUILT DRAWING

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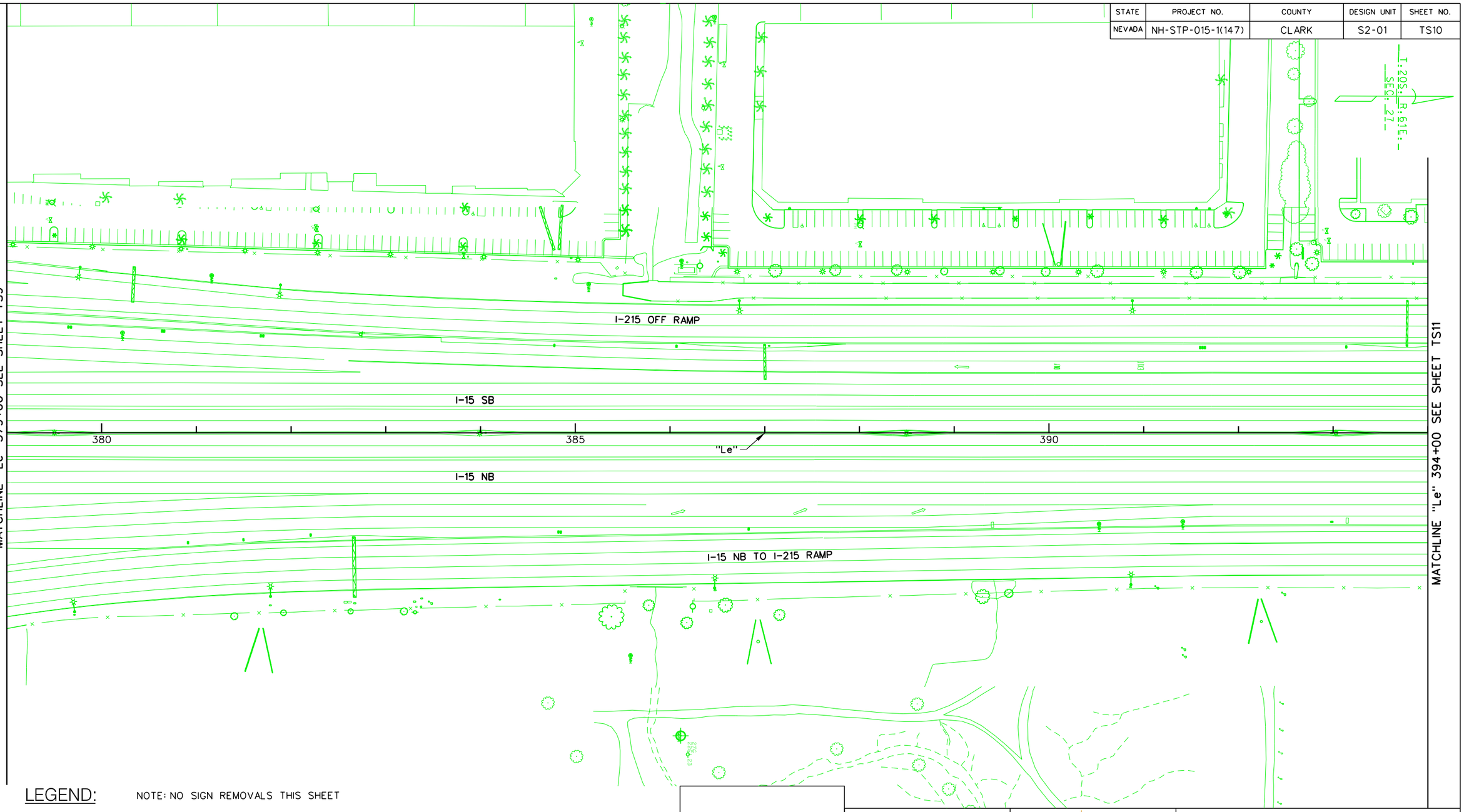
SIGN REMOVAL PLAN
"Le" 364+00 TO "Le" 379+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS10



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS10.DGN	12/20/16

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AS-BUILT DRAWING

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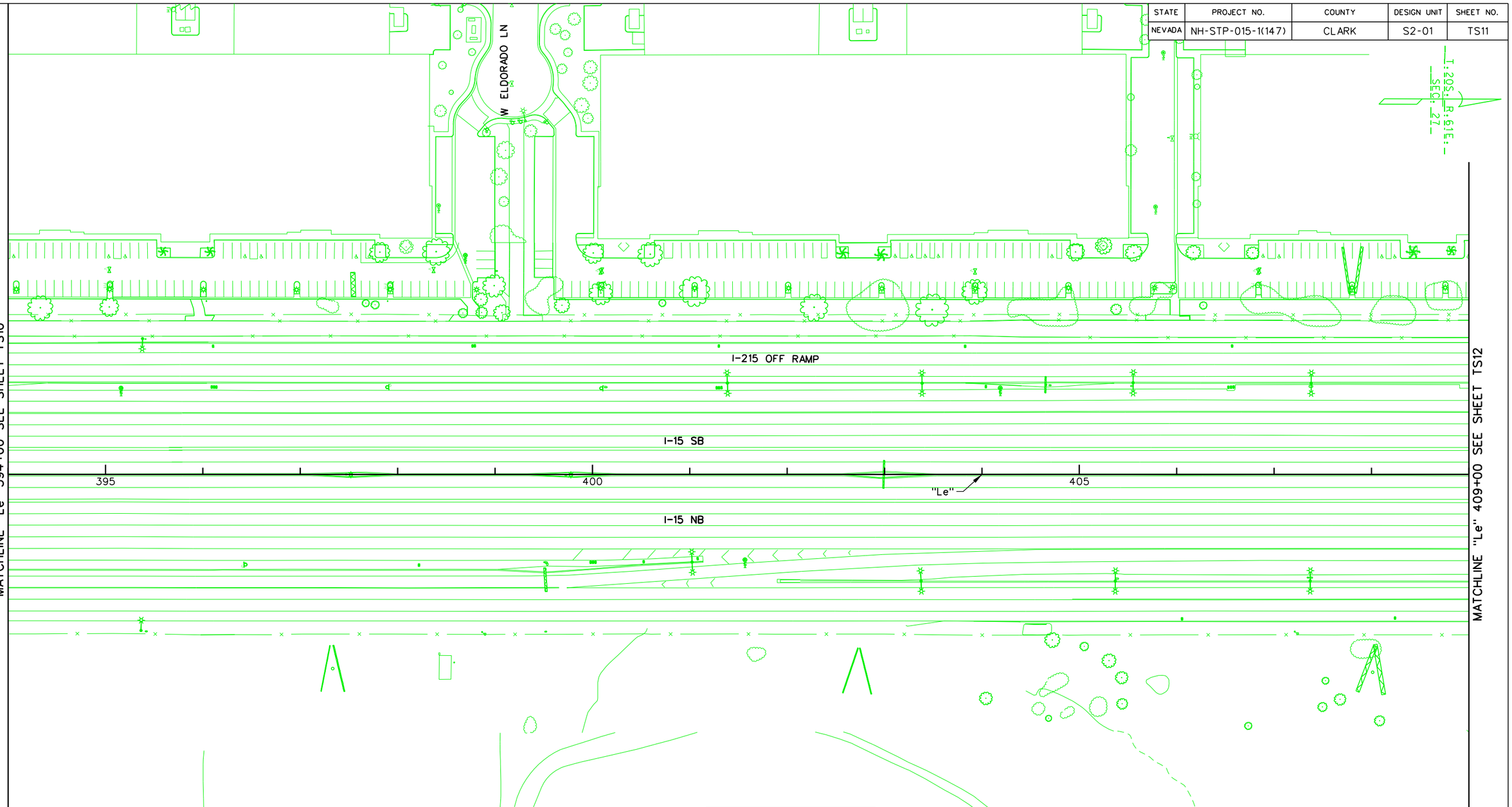
SIGN REMOVAL PLAN
"Le" 379+00 TO "Le" 394+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS11



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS11.DGN	12/20/16

DESIGN UNIT S2-01

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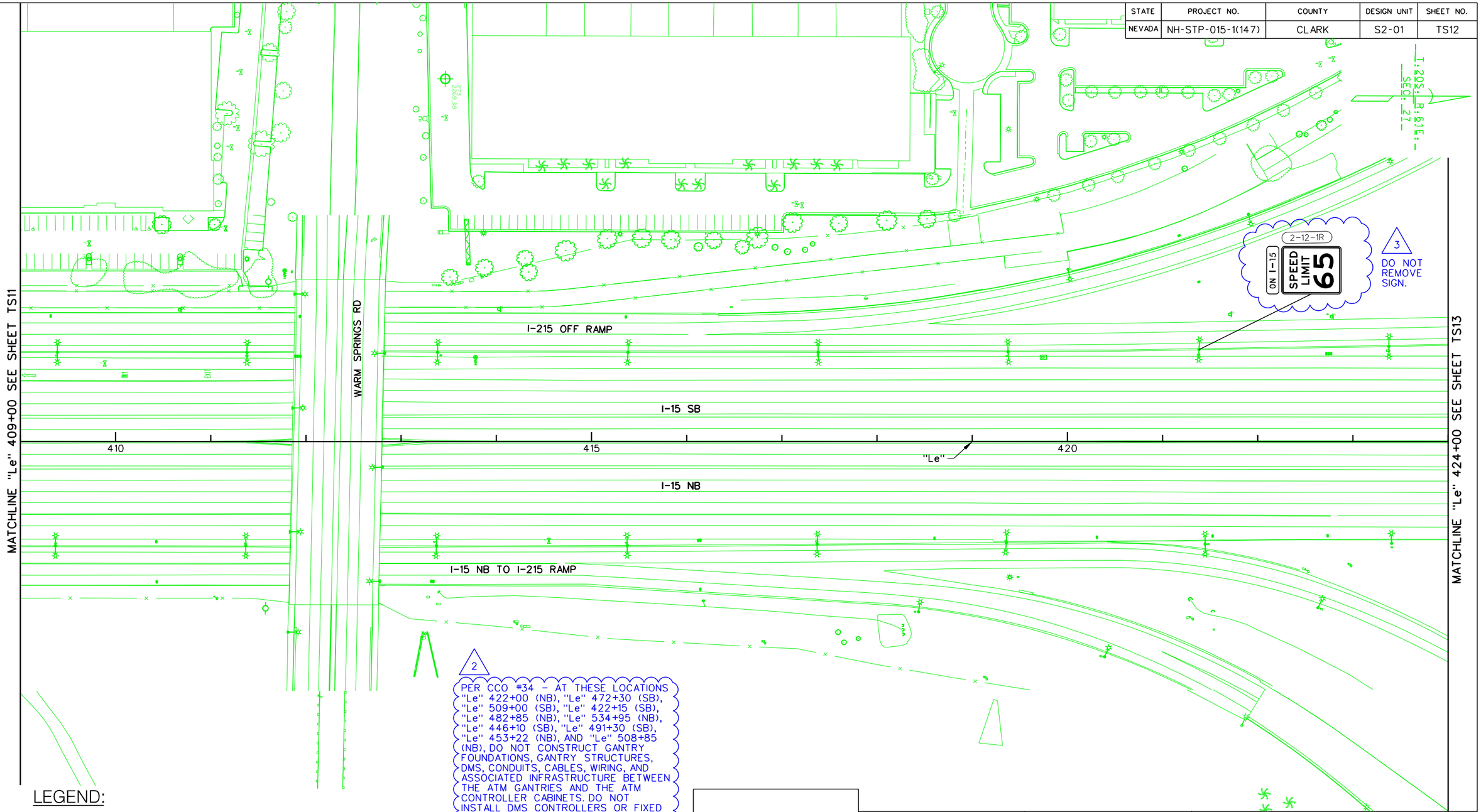
SIGN REMOVAL PLAN
"Le" 394+00 TO "Le" 409+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS12



LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS12.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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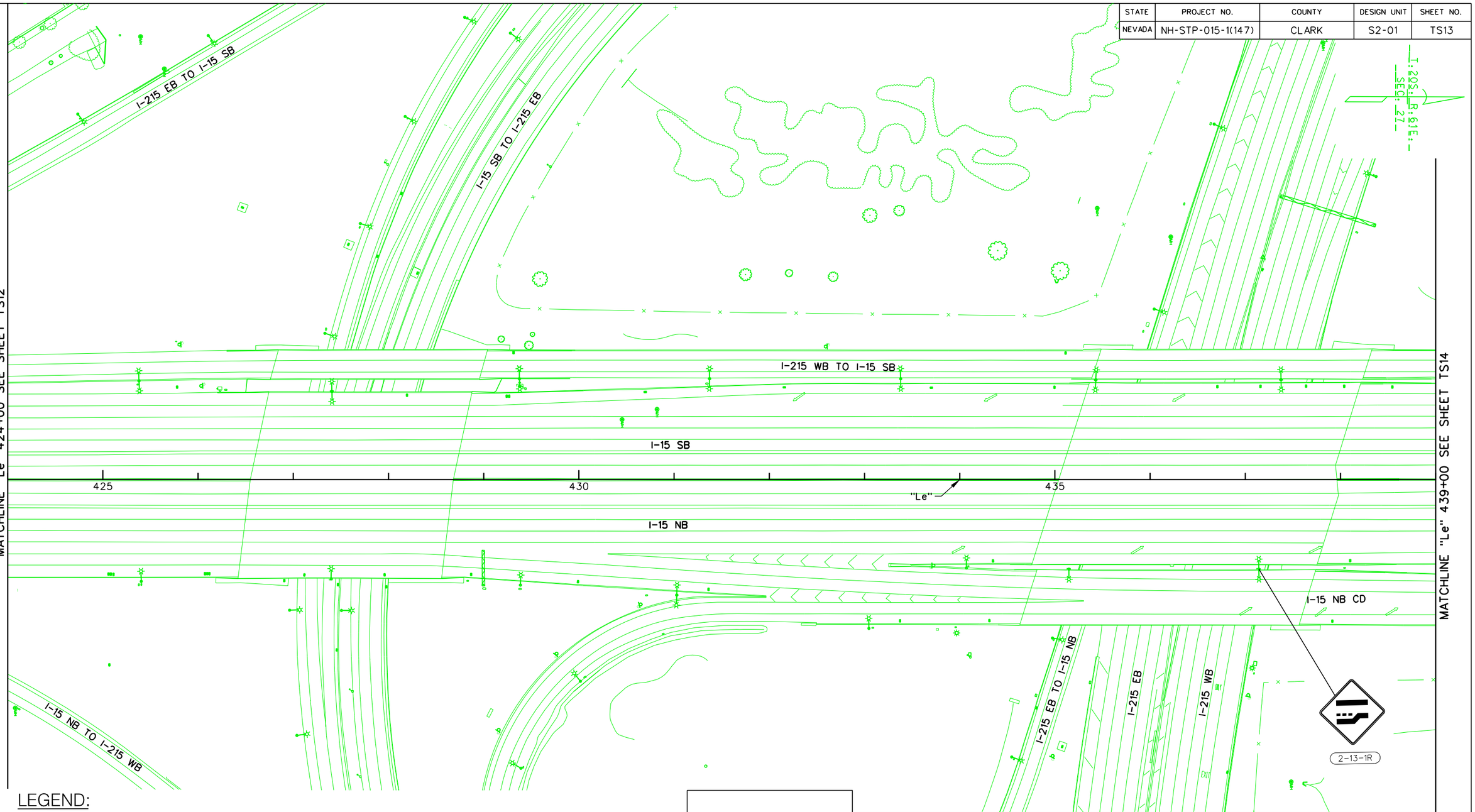
SIGN REMOVAL PLAN
"Le" 409+00 TO "Le" 424+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS13



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS13.DGN	12/20/16

DESIGN UNIT S2-01

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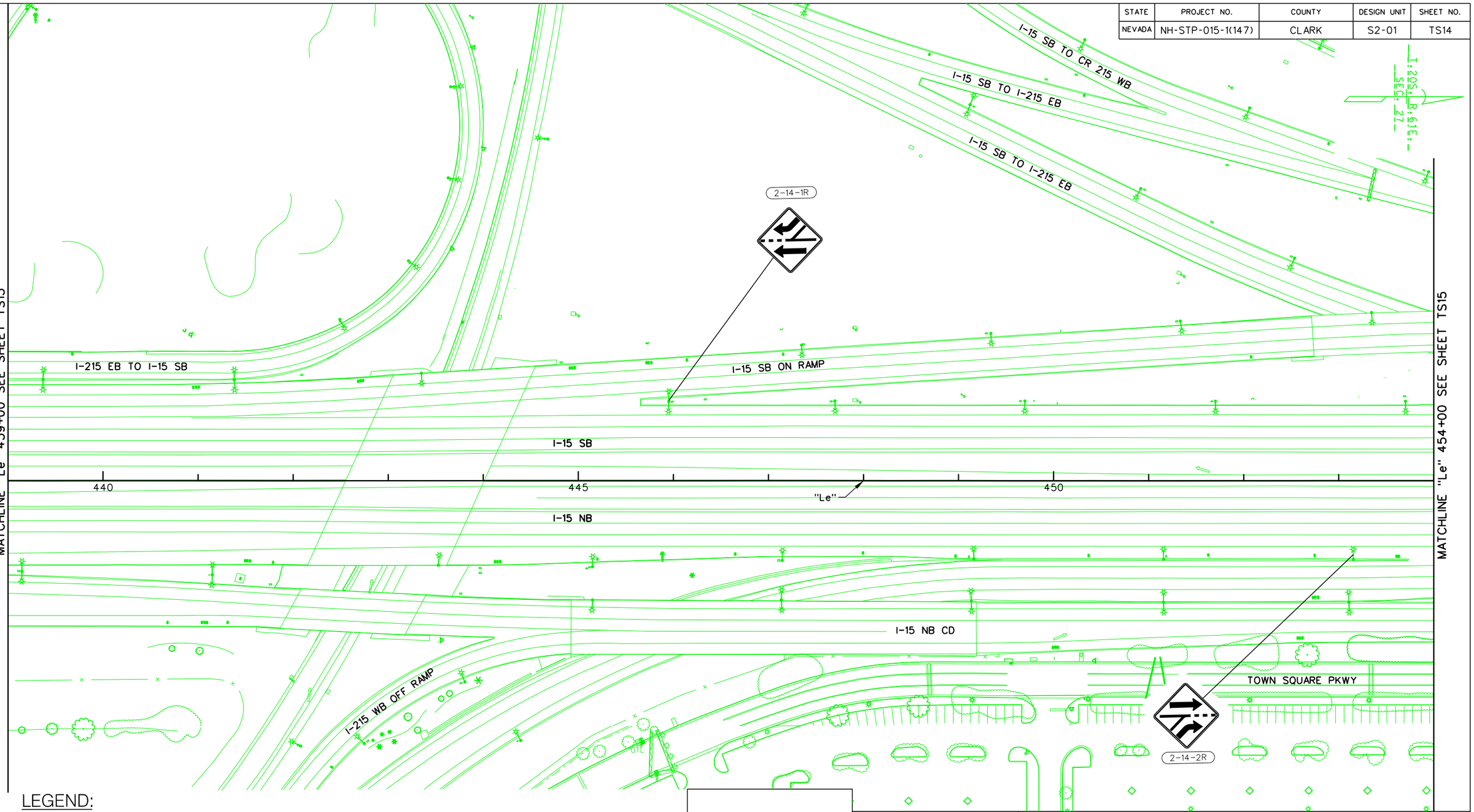
SIGN REMOVAL PLAN
"Le" 424+00 TO "Le" 439+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS14



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS14.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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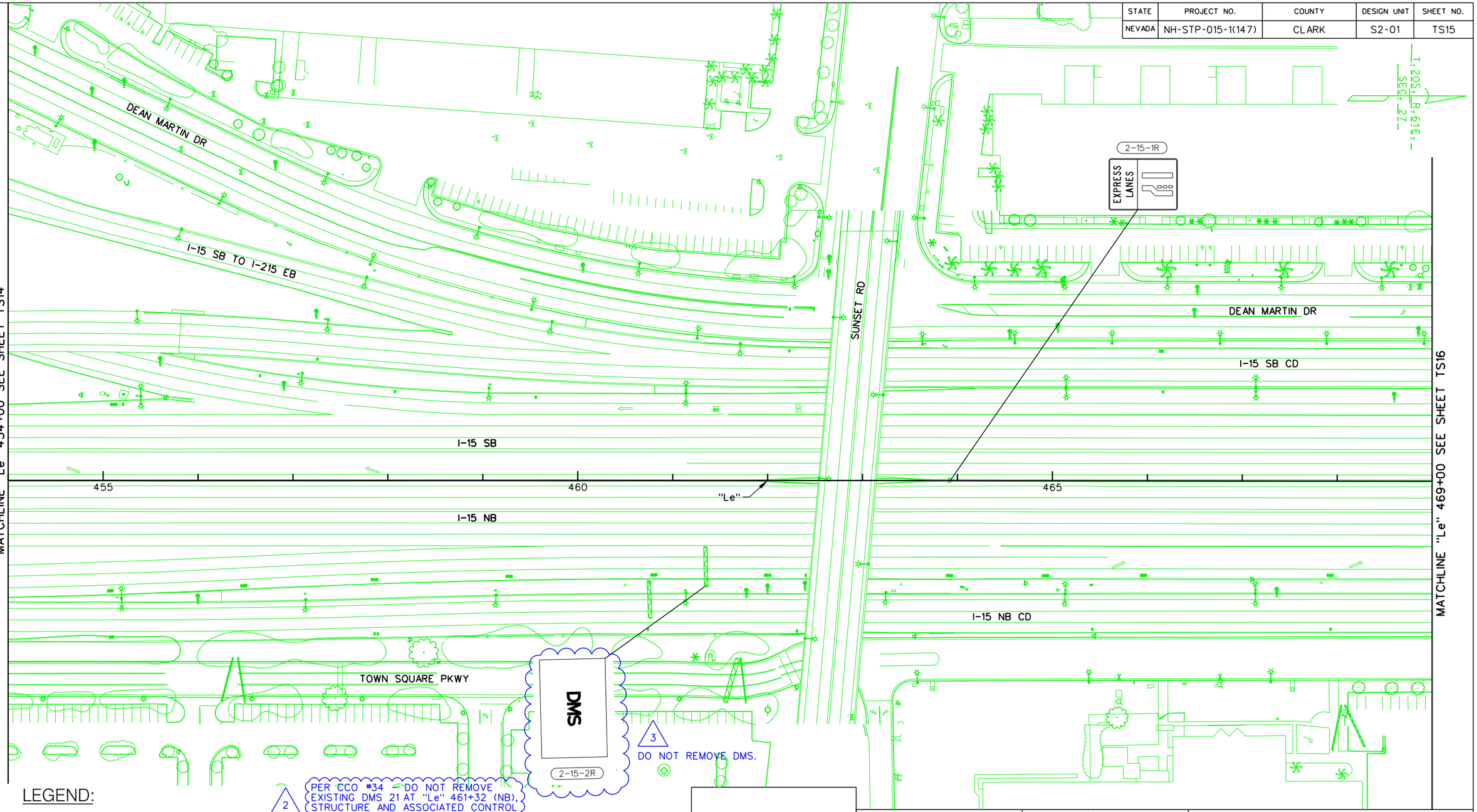
SIGN REMOVAL PLAN
"Le" 439+00 TO "Le" 454+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS15



LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS15.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 454+00 TO "Le" 469+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS16

MATCHLINE "Le" 469+00 SEE SHEET TS15

MATCHLINE "Le" 484+00 SEE SHEET TS17

TECO AVE

W POST RD

DEAN MARTIN DR

T.20S.; R.61E.; SEC. 27

I-15 SB CD

I-15 SB

I-15 NB

I-15 NB CD

470 475 "Le" 480

UPRR

EXPRESS LANES ONLY

2-16-1R

EXPRESS LANES ENTRANCE 1/2 MILE LEFT

3 DO NOT REMOVE SIGN.

SPEED LIMIT 65

2-16-2R

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

EXIT ONLY Tropicana Ave Frank Sinatra Dr

EXIT 36

2-16-3R

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS16.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 469+00 TO "Le" 484+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS17

MATCHLINE "Le" 484+00 SEE SHEET TS16

MATCHLINE "Le" 499+00 SEE SHEET TS18

UPRR

PATRICK LN

DEAN MARTIN DR

I-15 SB

I-15 SB CD

I-15 NB

I-15 NB CD

"Le"

485

490

495

T:22S; R:61E; SEC:27

3 DO NOT REMOVE SIGN.

2-17-1R

Blue Diamond Rd 2 1/2
Silverado Ranch 4 1/2

215

2 PER CCO #34 - DO NOT REMOVE THE EXISTING DMS 22 "Le" 495+50 (SB) STRUCTURE, EXISTING SERVICE SHALL BE MAINTAINED.

3 DO NOT REMOVE DMS.

2-17-2R

DMS

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT CANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS17.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

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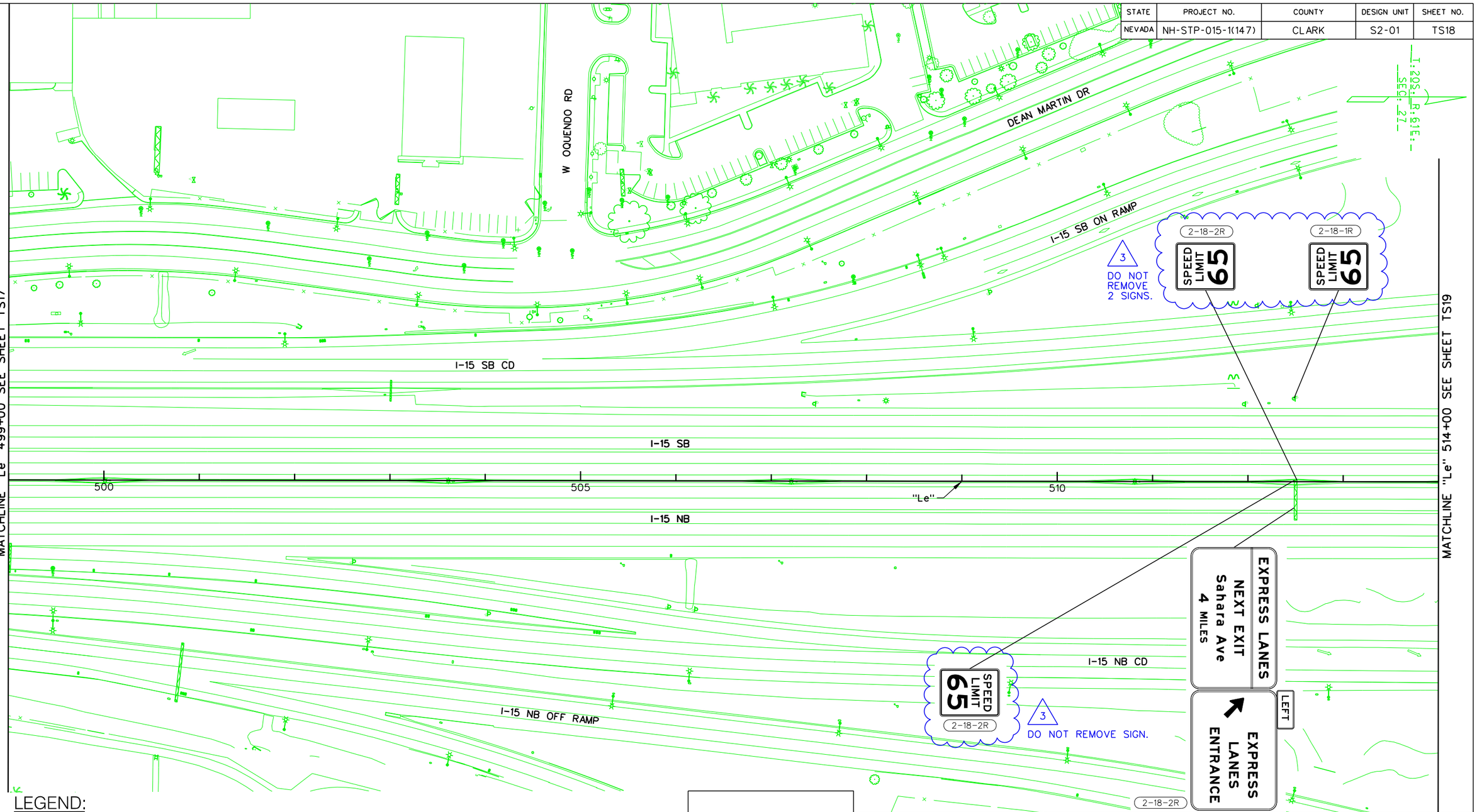
SIGN REMOVAL PLAN
"Le" 484+00 TO "Le" 499+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS18



LEGEND:

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NO.	DESCRIPTION	DATE
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2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS18.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

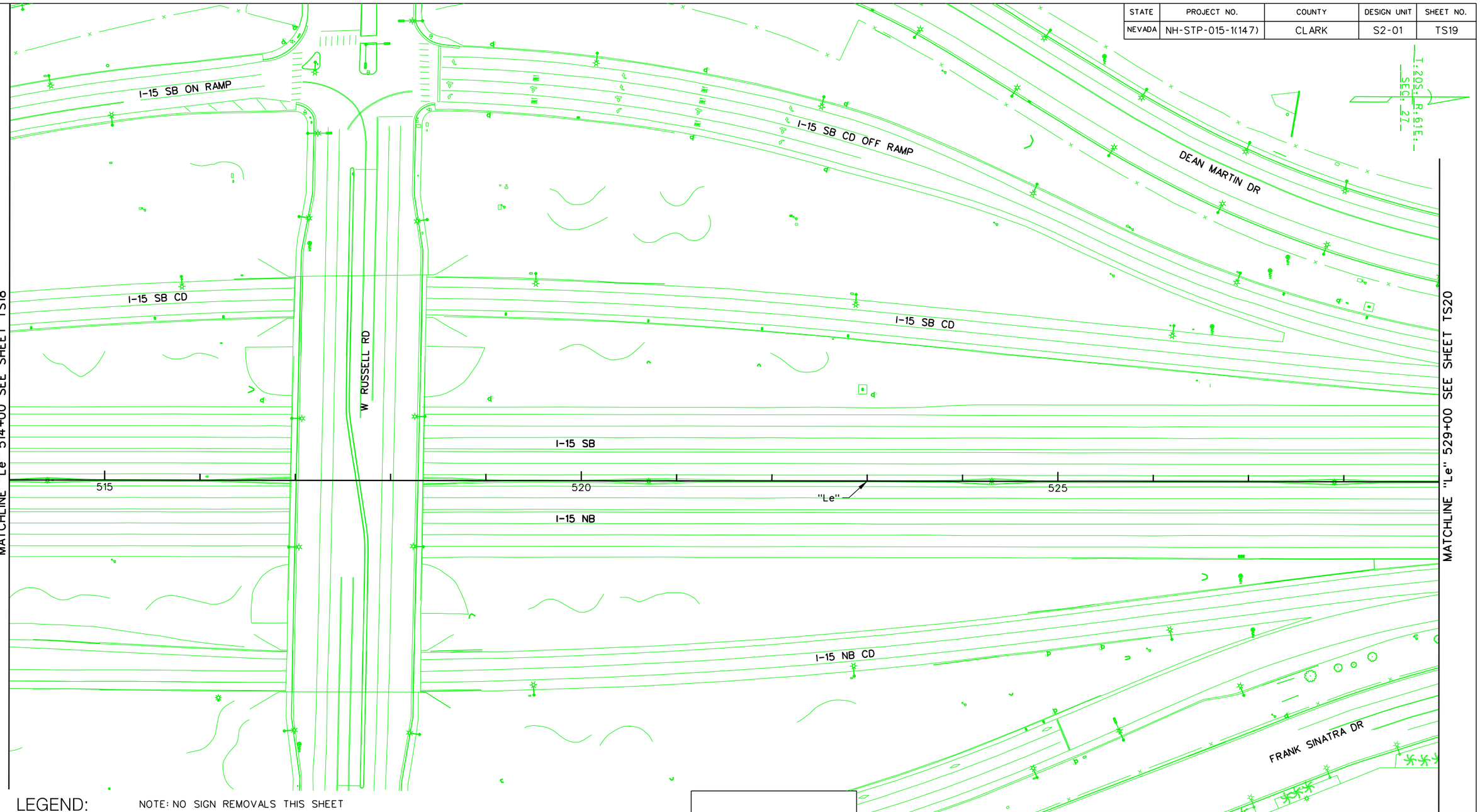
SIGN REMOVAL PLAN
"Le" 499+00 TO "Le" 514+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS19



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

2-X-XR SIGN REMOVAL

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AS-BUILT DRAWING

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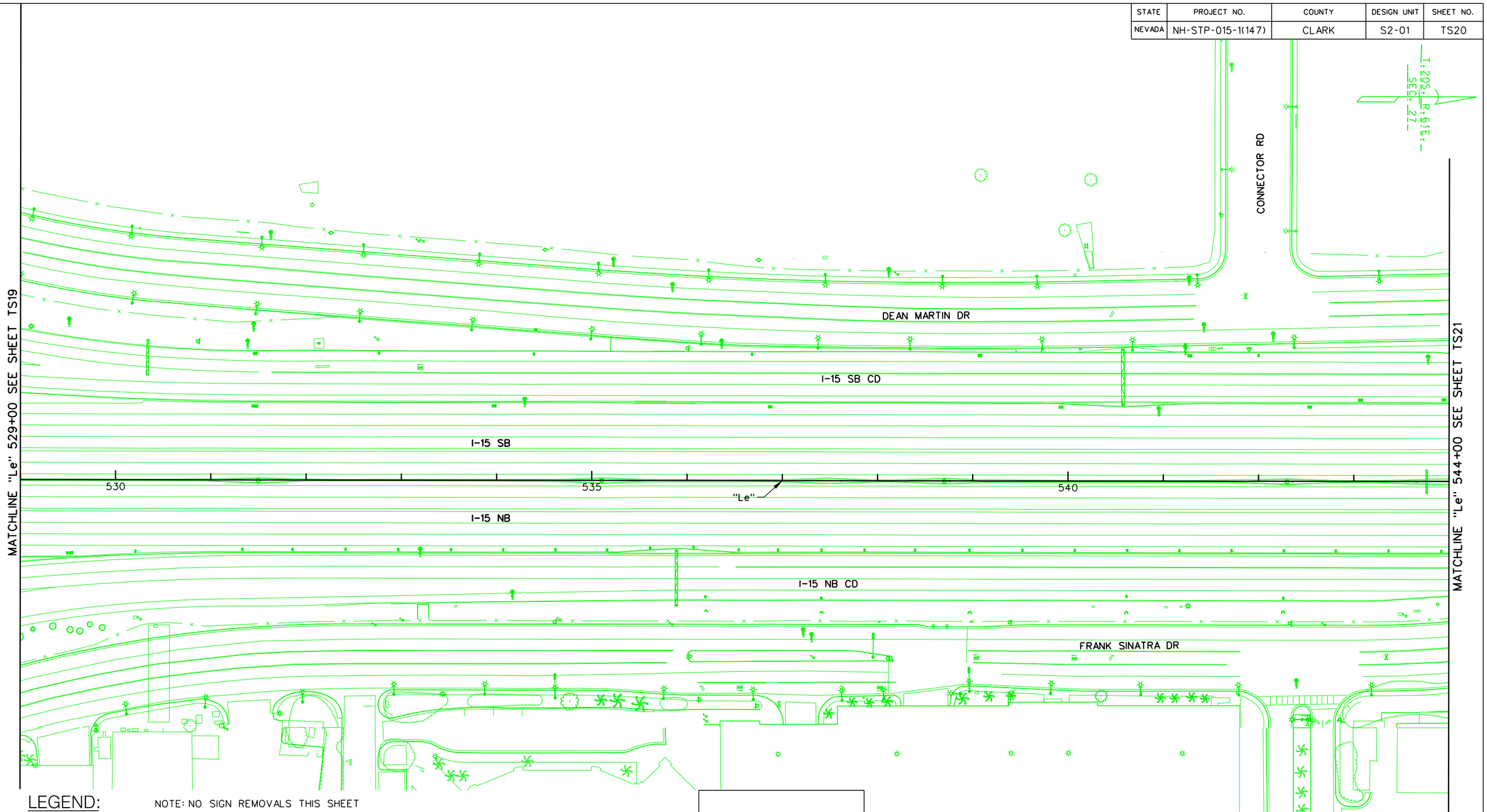
SIGN REMOVAL PLAN
"Le" 514+00 TO "Le" 529+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS20



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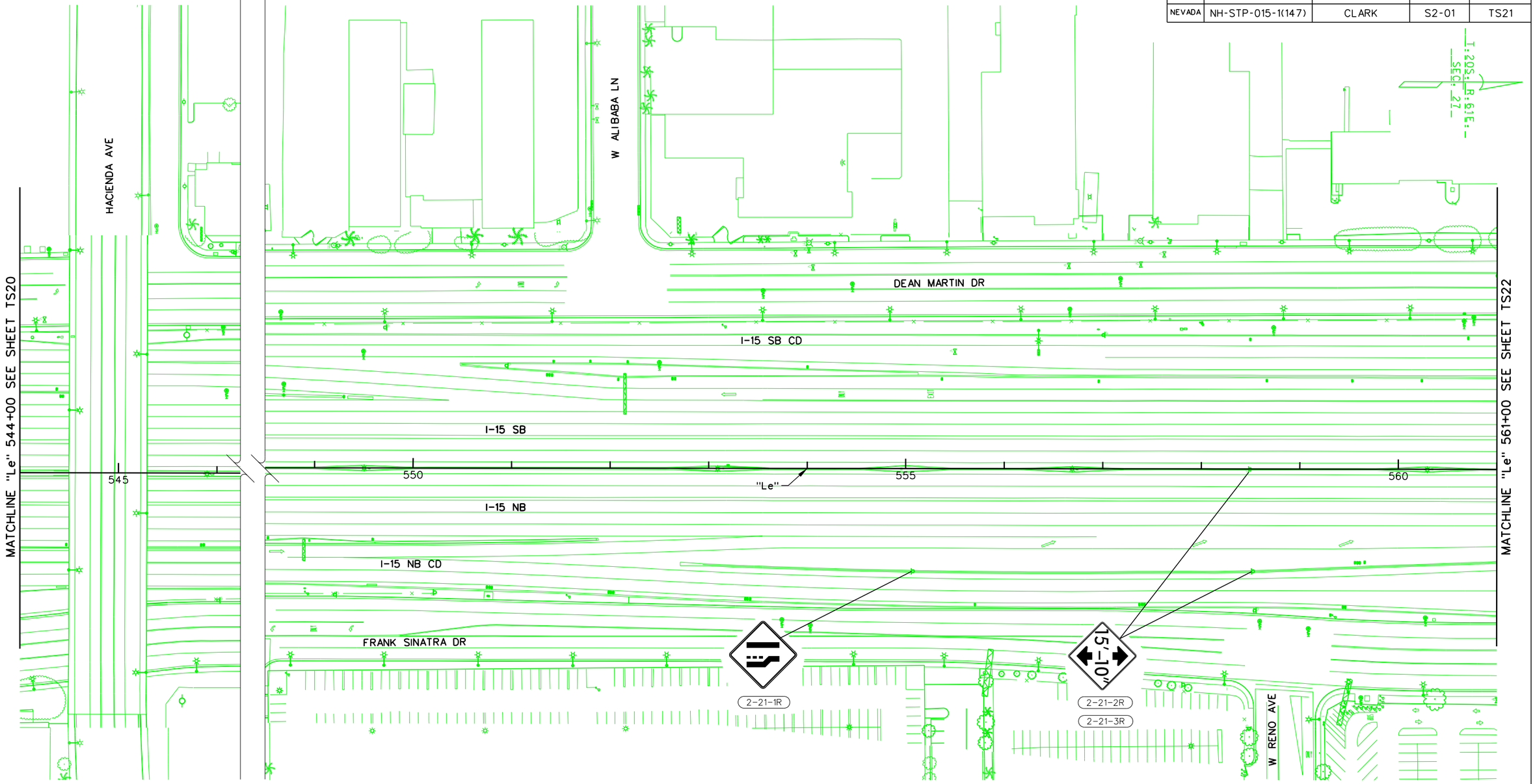
SIGN REMOVAL PLAN
"Le" 529+00 TO "Le" 544+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS21



LEGEND:

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0	RFC - 73652-S2-01-ATK-SHT18TS21.DGN	12/20/16

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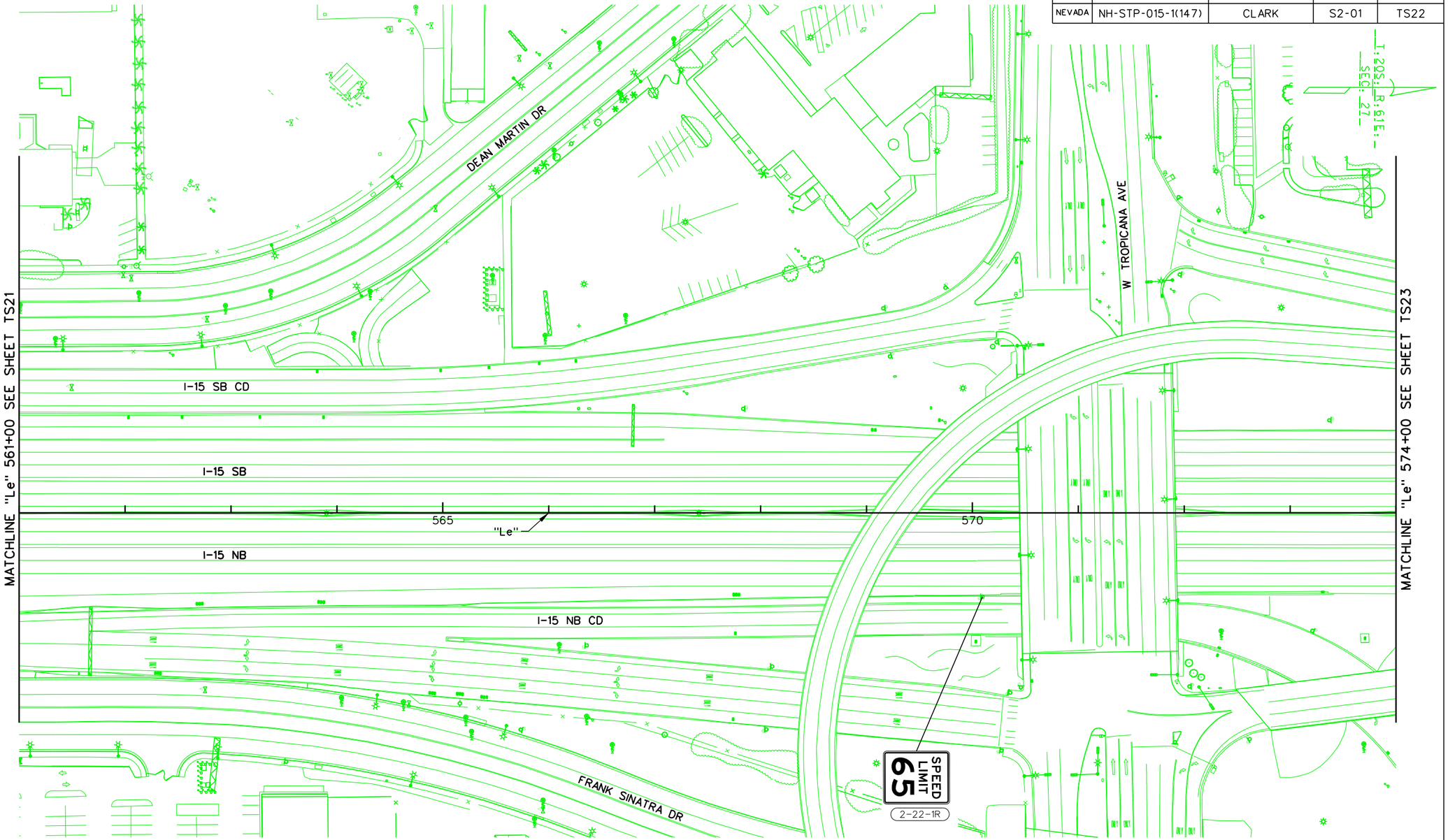
SIGN REMOVAL PLAN
"Le" 544+00 TO "Le" 561+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS22



LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
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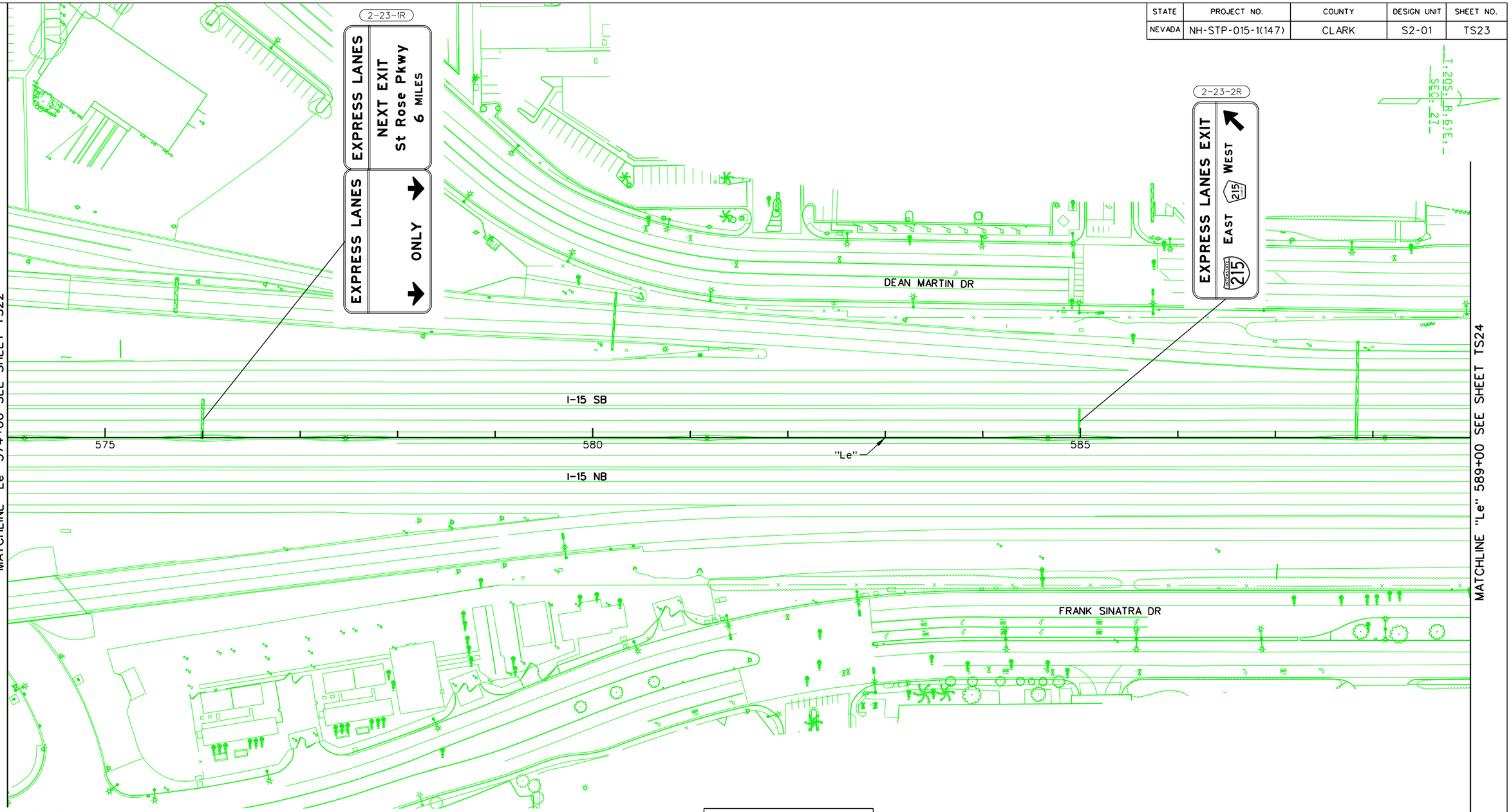
SIGN REMOVAL PLAN
"Le" 561+00 TO "Le" 574+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS23



LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT18TS23.DGN	12/20/16

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SIGN REMOVAL PLAN
"Le" 574+00 TO "Le" 589+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS24

T:20S; R:61E; SEC: 27

MATCHLINE "Le" 589+00 SEE SHEET TS23

DEAN MARTIN DR

I-15 SB

590

595

"Le"

600

I-15 NB

W HARMON AVE

FRANK SINATRA DR

2-24-1R

SPEED LIMIT 65

DMS

2-24-2R

SPEED LIMIT 65

2-24-3R

MATCHLINE "Le" 604+00 SEE SHEET TS25

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS24.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 589+00 TO "Le" 604+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS25

T:20S; R:61E; - SEC: 27 -

MATCHLINE "Le" 604+00 SEE SHEET TS24

MATCHLINE "Le" 618+75 SEE SHEET TS26

DEAN MARTIN DR

I-15 SB

605 610 "Le" 615

I-15 NB

FRANK SINATRA DR

2-25-2R

2-25-1R

THRU TRAFFIC MERGE LEFT

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS25.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

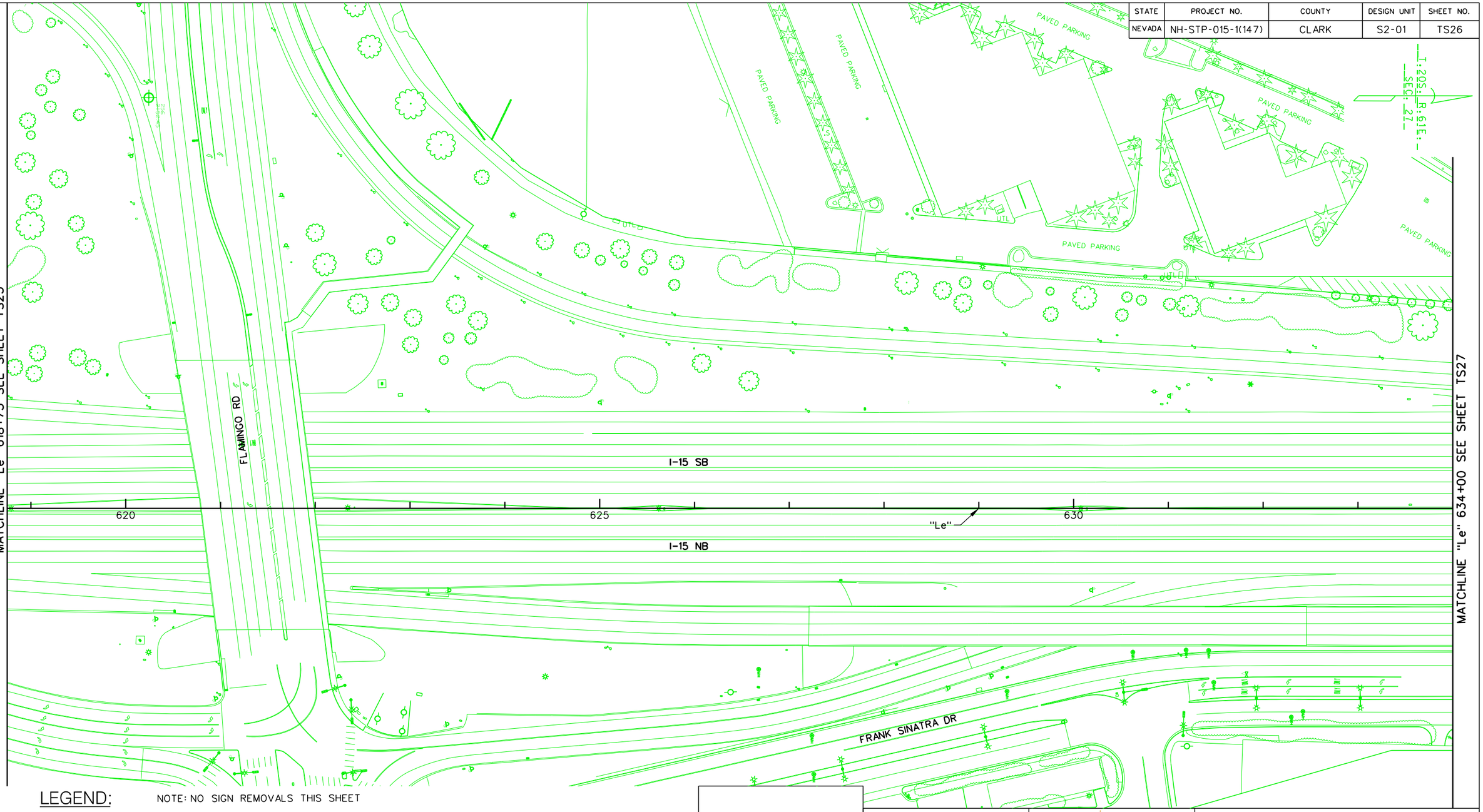
SIGN REMOVAL PLAN
"Le" 604+00 TO "Le" 618+75

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS26



LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS26.DGN	12/20/16

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AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

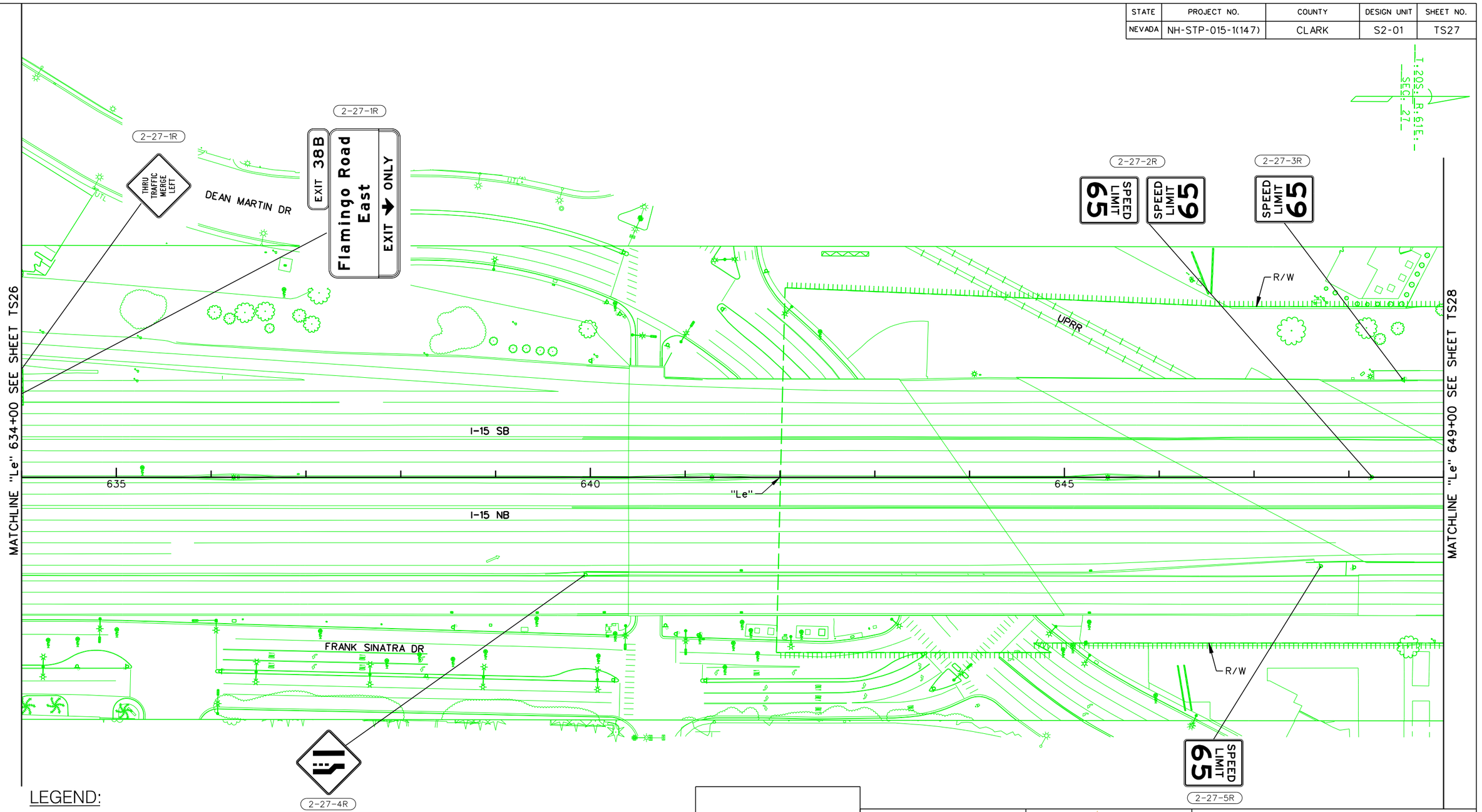
SIGN REMOVAL PLAN
"Le" 618+75 TO "Le" 634+00

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2270 Corporate Circle
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Telephone: 702/263-7275
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS27



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS27.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

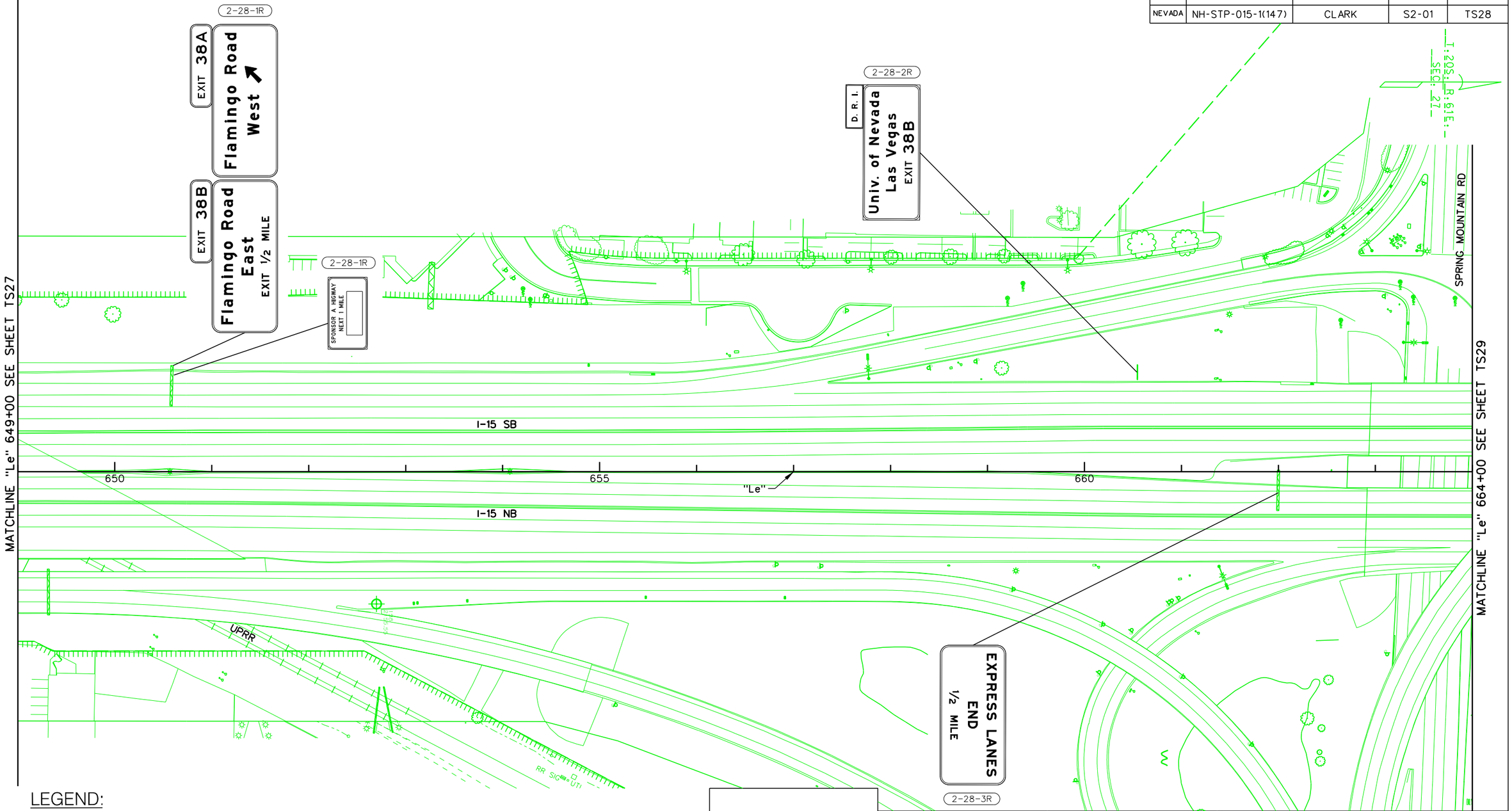
SIGN REMOVAL PLAN
"Le" 634+00 TO "Le" 649+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS28



LEGEND:

(2-X-XR) SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS28.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 649+00 TO "Le" 664+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS29

MATCHLINE "Le" 664+00 SEE SHEET TS28

MATCHLINE "I-15S" 679+00 SEE SHEET TS30

SPRING MOUNTAIN RD

DESERT INN RD

I-15 SB

I-15 NB

"Le"

"I-15S"

"Le" 674+42.17 =
"I-15S" 674+42.17

665 670 675

PAVED PARKING

UTL

CONC

CELL TOWER

OVERHEAD

I:20S; R:61E; SEC: 27

X:2149.54 Y:2478.72

LEGEND:

NOTE: NO SIGN REMOVALS THIS SHEET

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS29.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"Le" 664+00 TO "I-15S" 679+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS30

RANCHO DR

SIRUS AVE

OVERHEAD WIRES

2110.02

I-20S; R.61E.; SEC. 27

"I-15S" I-15 SB

I-15 NB

680

685

690

MATCHLINE "I-15S" 679+00 SEE SHEET TS29

MATCHLINE "I-15S" 694+00 SEE DESIGN UNIT S1-03

DESERT INN RD

EXPRESS LANES END

2-30-1R

SPEED LIMIT 65

2-30-2R

SPEED LIMIT 65

2-30-3R

UTL

2105.46

LEGEND:

2-X-XR SIGN REMOVAL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS30.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN REMOVAL PLAN
"I-15S" 679+00 TO "I-15S" 694+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS31

MATCHLINE "Le" 245+00

MATCHLINE "Le" 260+00 SEE SHEET TS32

I-15 SB ON RAMP

I-15 SB OFF RAMP

I-15 SB

I-15 NB

I-15 NB OFF RAMP

I-15 NB ON RAMP

W SILVERADO RANCH BLVD

"Le"

T.20S., R.61E., SEC. 27

2276.56

2298.01

2288

20"dip in 45° slt casing

84"in 120" casing or tunnel

UTL

STOCK PILES

PAVED PARKING

HOV 2+ LANE 1 MILE

2-31-1

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- D DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS31.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 245+00 TO "Le" 260+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS32

MATCHLINE "Le" 260+00 SEE SHEET TS31

MATCHLINE "Le" 275+00 SEE SHEET TS33

T.20S., R.61E., SEC. 27

I-15 SB OFF RAMP

I-15 SB

I-15 NB

I-15 NB ON RAMP

"Le"

260

265

270

275

NEVADA DOT FSP SPONSORED BY

GAS

EXIT 31

2-32-1

HOV LANE ENDS

W "RICHMAR AVE"

UTL

HOV 2+ LANE 1/2 MILE

2-32-2

ENCHANTED ROCK LN

EXIT 33 CAMPING LODGING

D

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- (2-X-X) SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS32.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 260+00 TO "Le" 275+00

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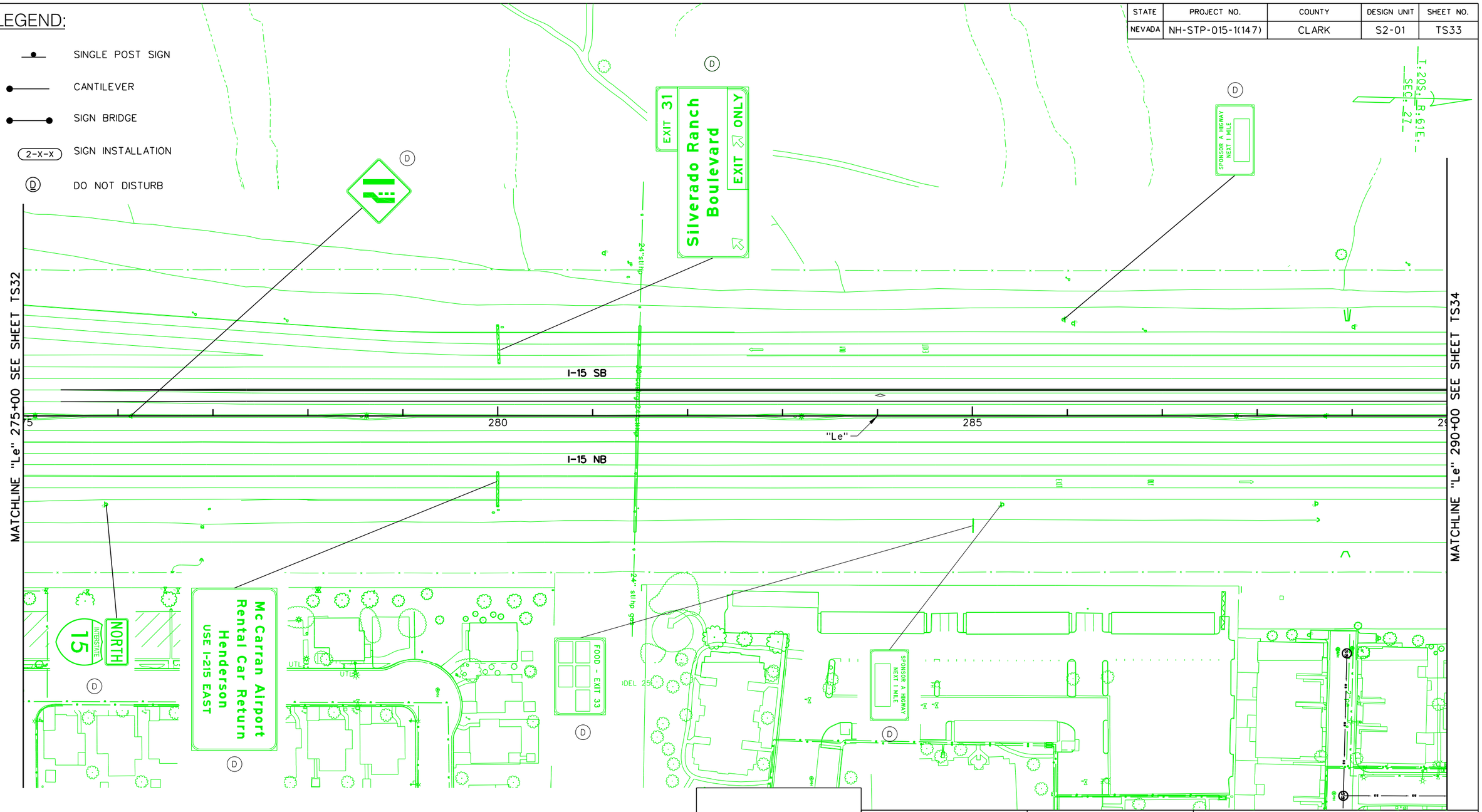
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS33

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
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0	RFC - 73652-S2-01-ATK-SHT18TS33.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

OKS JOINT VENTURE

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 275+00 TO "Le" 290+00

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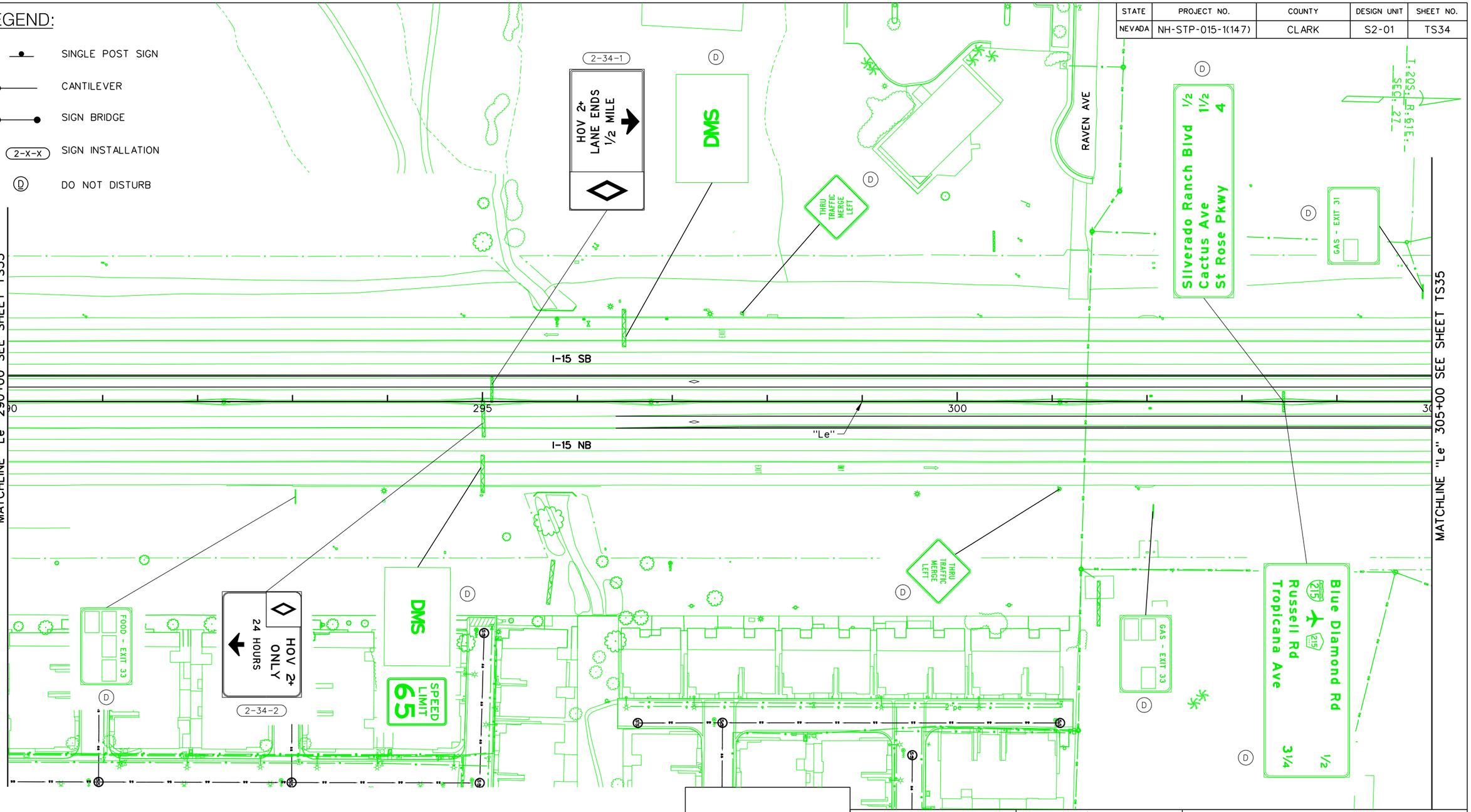
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LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X — SIGN INSTALLATION
- (D) — DO NOT DISTURB

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS34



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS34.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 290+00 TO "Le" 305+00

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Fax: 702/263-7200
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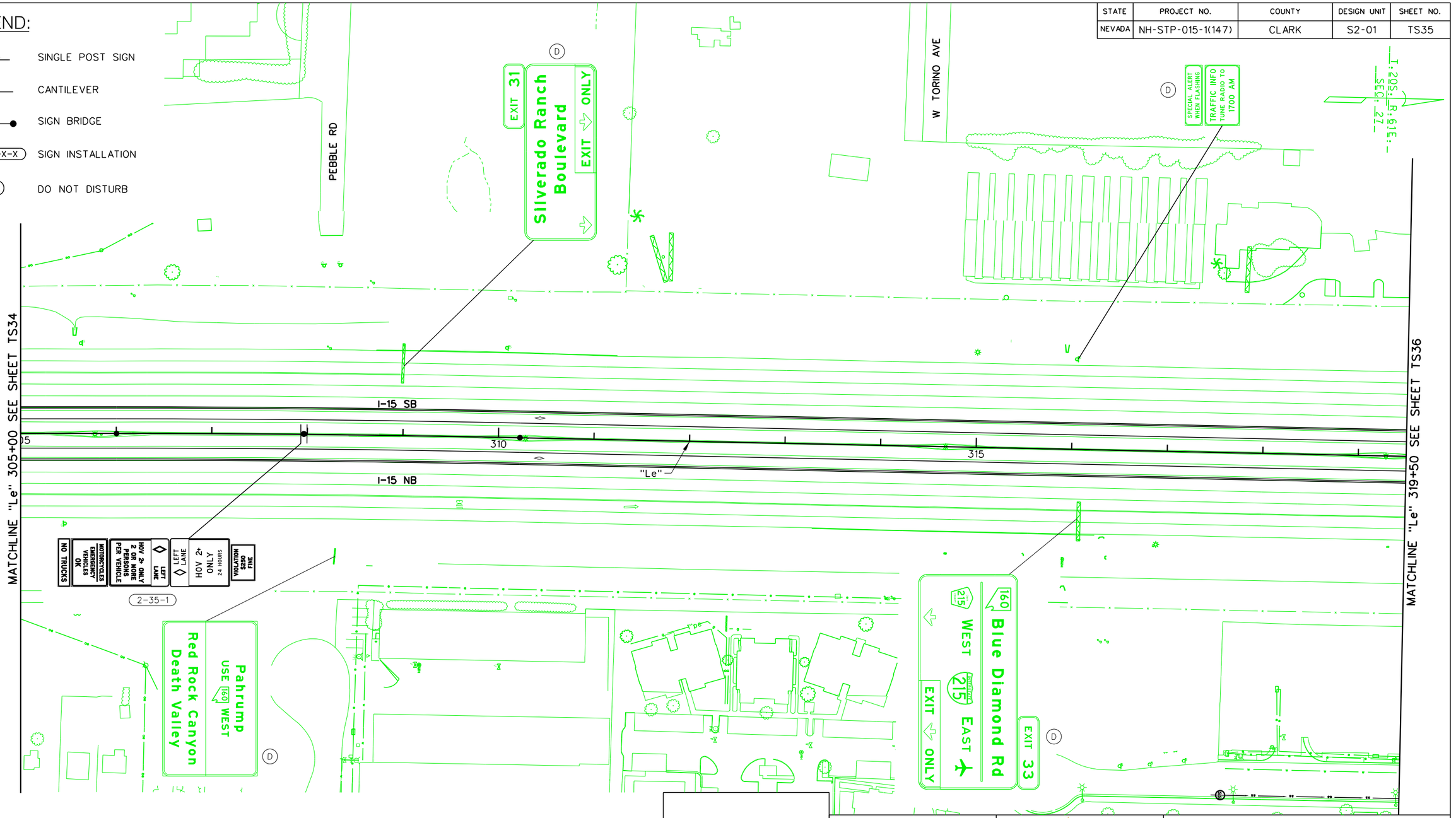
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS35

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X — SIGN INSTALLATION
- (D) — DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS35.DGN	12/20/16

DESIGN UNIT S2-01

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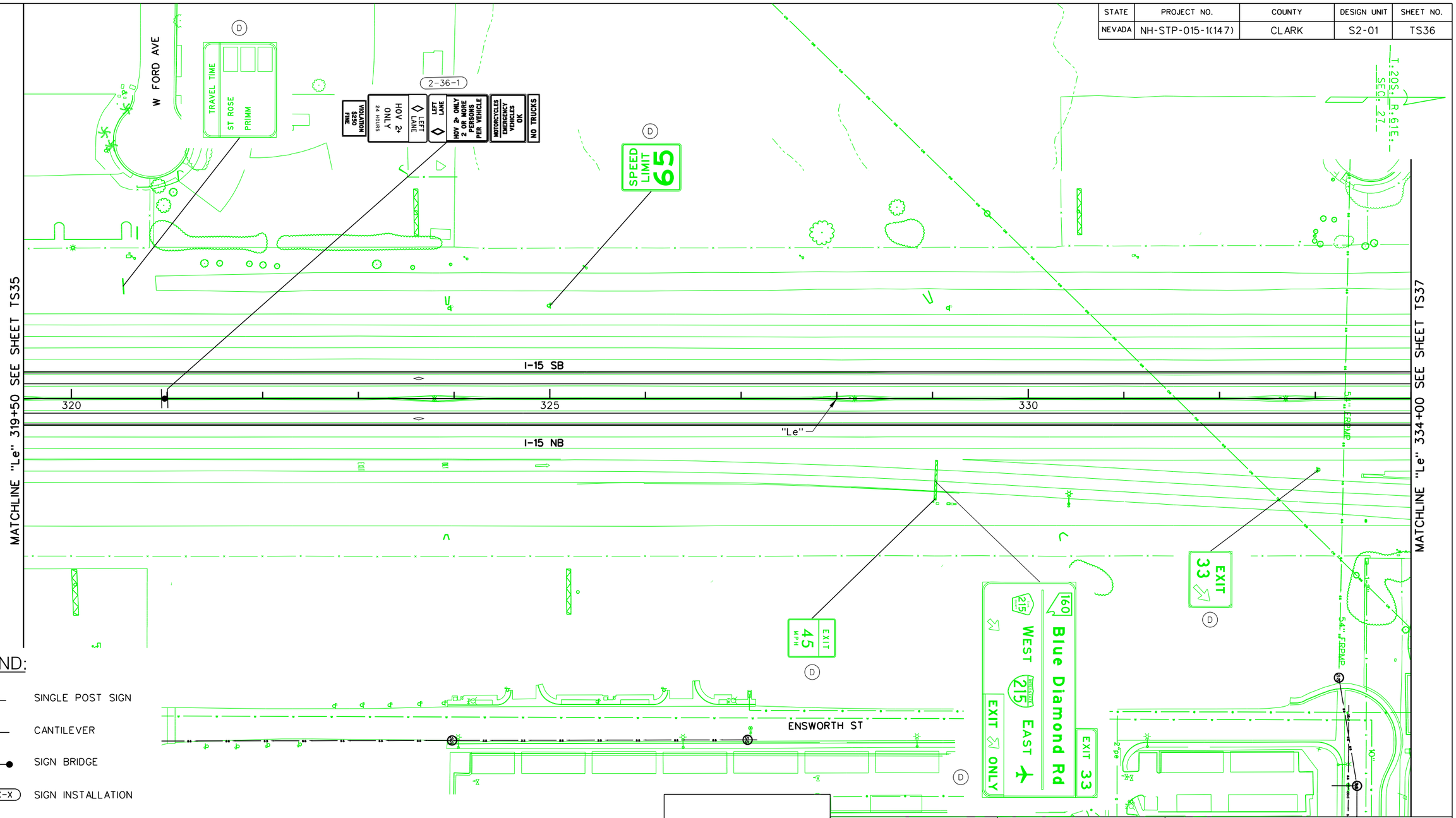
SIGNING PLAN
"Le" 305+00 TO "Le" 319+50

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS36



LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS36.DGN	12/20/16

DESIGN UNIT S2-01

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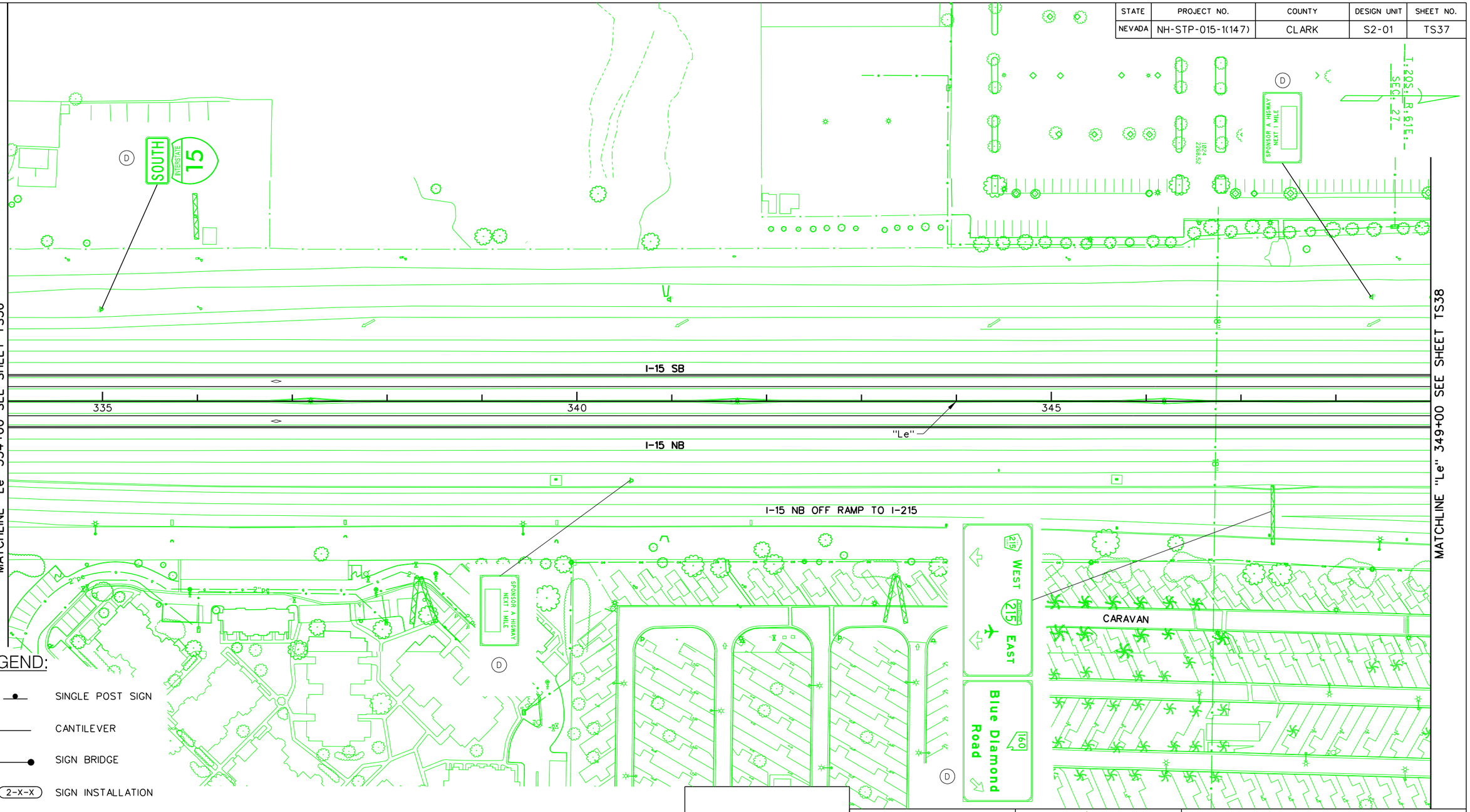
SIGNING PLAN
"Le" 319+50 TO "Le" 334+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS37



LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS37.DGN	12/20/16

DESIGN UNIT S2-01

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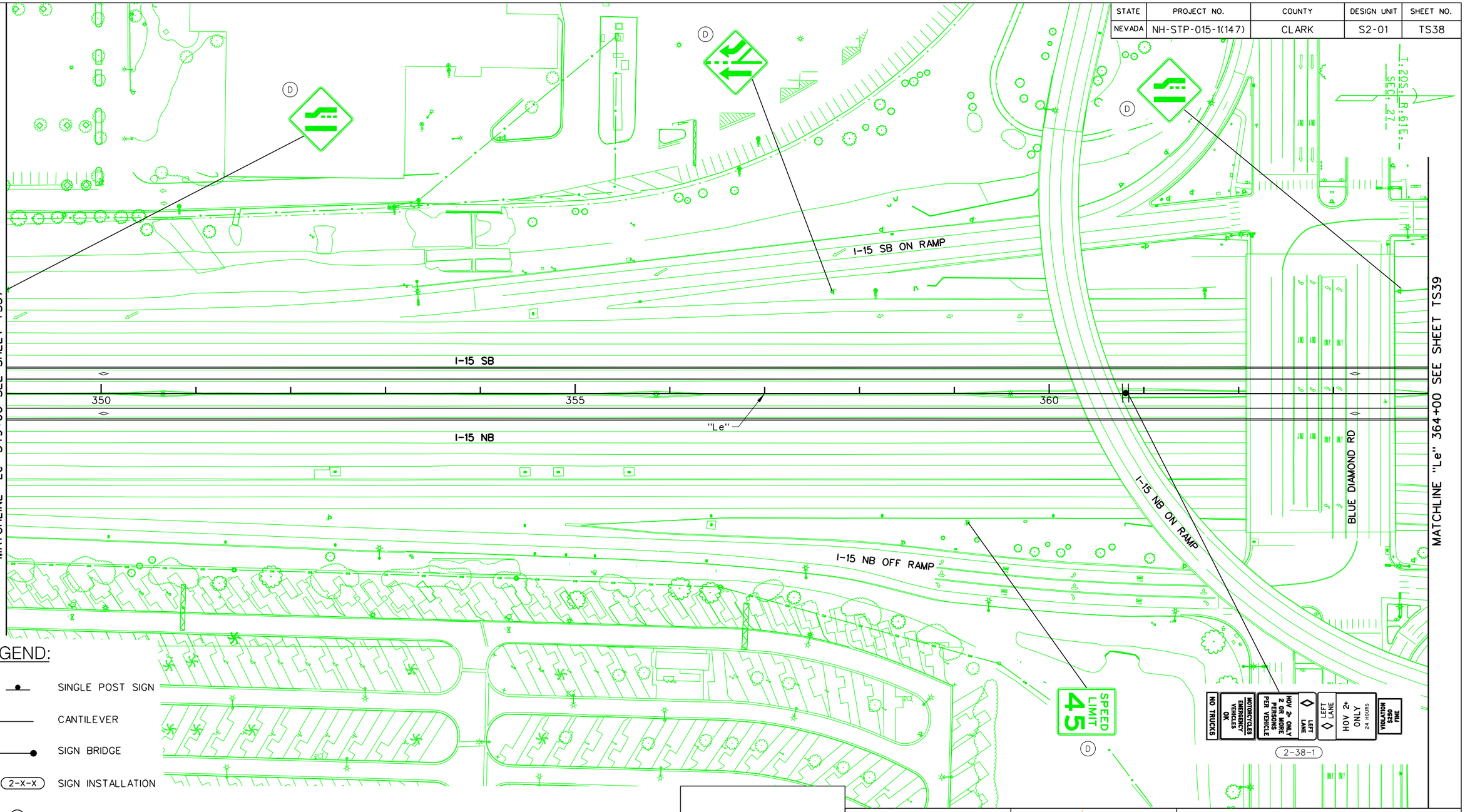
SIGNING PLAN
"Le" 334+00 TO "Le" 349+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS38



LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- (2-X-X) SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS38.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 349+00 TO "Le" 364+00

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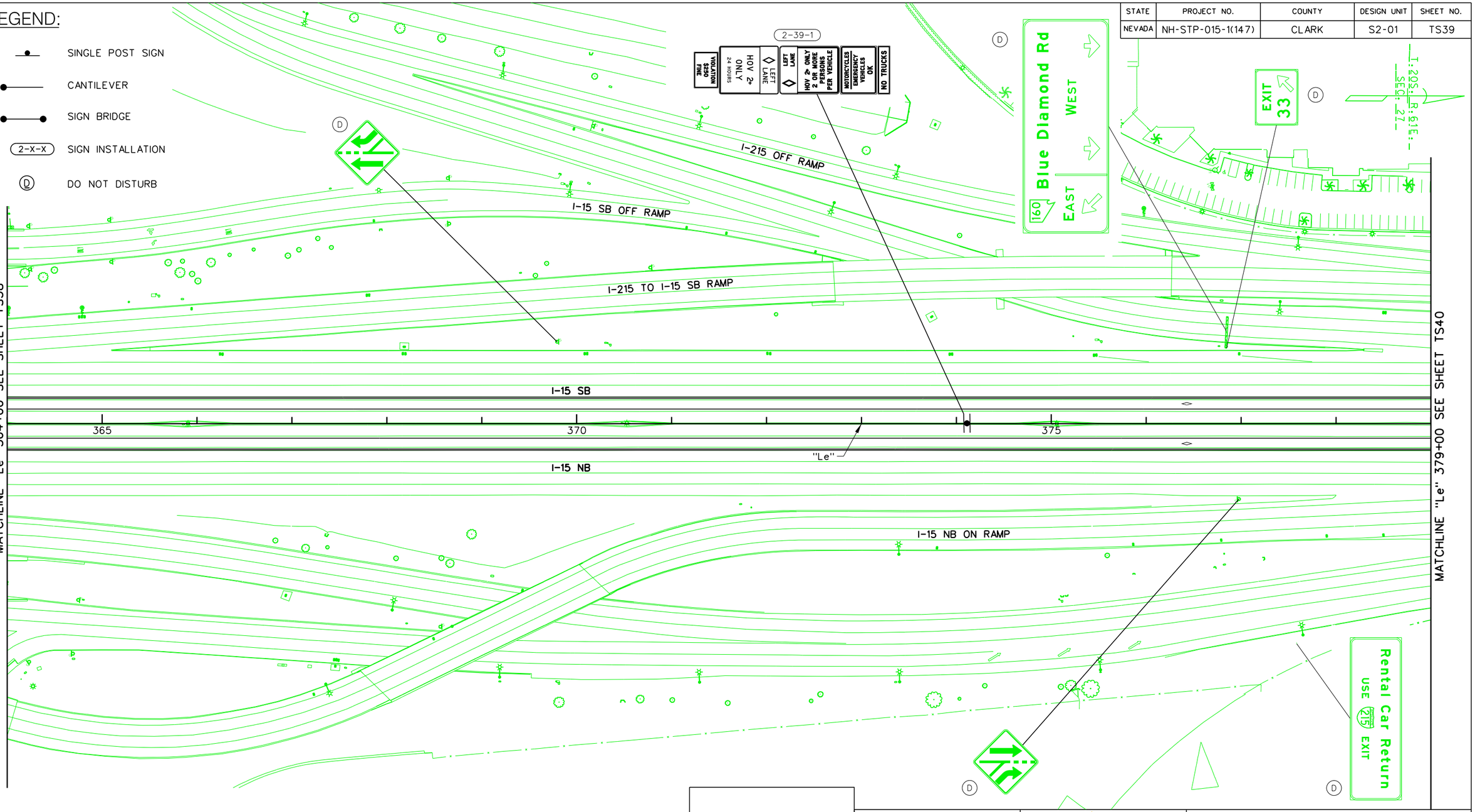
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS39

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X — SIGN INSTALLATION
- (D) — DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS39.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 364+00 TO "Le" 379+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS40

MATCHLINE "Le" 379+00 SEE SHEET TS39

MATCHLINE "Le" 394+00 SEE SHEET TS41

I-215 OFF RAMP

I-15 SB

I-15 NB

380

385

390

"Le"

I-15 NB TO I-215 RAMP

T.22S.; R.61E.; SEC. 27

D

EXIT 35 MPH

160 WEST Blue Diamond Road

EXIT 45 MPH

EXIT 33

160 Blue Diamond Road EXIT ONLY

160 WEST Blue Diamond Road

15 SOUTH

15 NORTH Salt Lake City EXIT ONLY

215 WEST 215 EAST Henderson

SPEED LIMIT 45

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS40.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 379+00 TO "Le" 394+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS41

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

T:22S; R:61E; SEC:27

W ELDORADO LN

SPONSOR A HIGHWAY NEXT 1 MILE

THRU TRAFFIC MERGE LEFT

Silverado Ranch Blvd 2½
Cactus Ave 3½
St Rose Pkwy 5¾

Pahrump
USE 160 WEST
Red Rock Canyon
Death Valley

I-215 OFF RAMP

I-15 SB

395 400 405

"Le"

I-15 NB

MATCHLINE "Le" 394+00 SEE SHEET TS40

MATCHLINE "Le" 409+00 SEE SHEET TS42

SPONSOR A HIGHWAY NEXT 1 MILE

EXIT ONLY
15 NORTH
Salt Lake City

Russell Rd ½
Tropicana Ave 3¾
Flamingo Rd 4
Spring Mountain Rd

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS41.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 394+00 TO "Le" 409+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

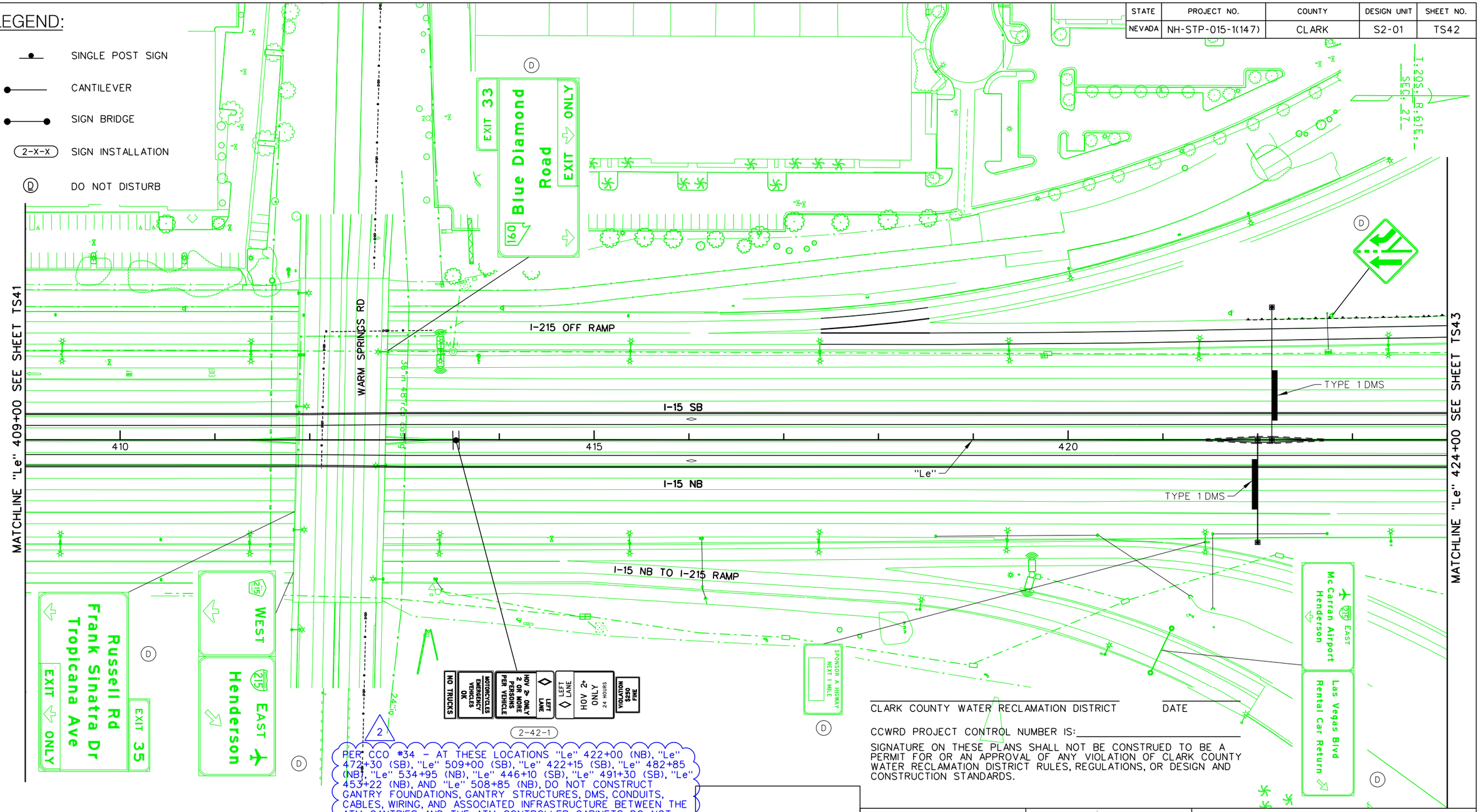
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS42

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS42.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 409+00 TO "Le" 424+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS43

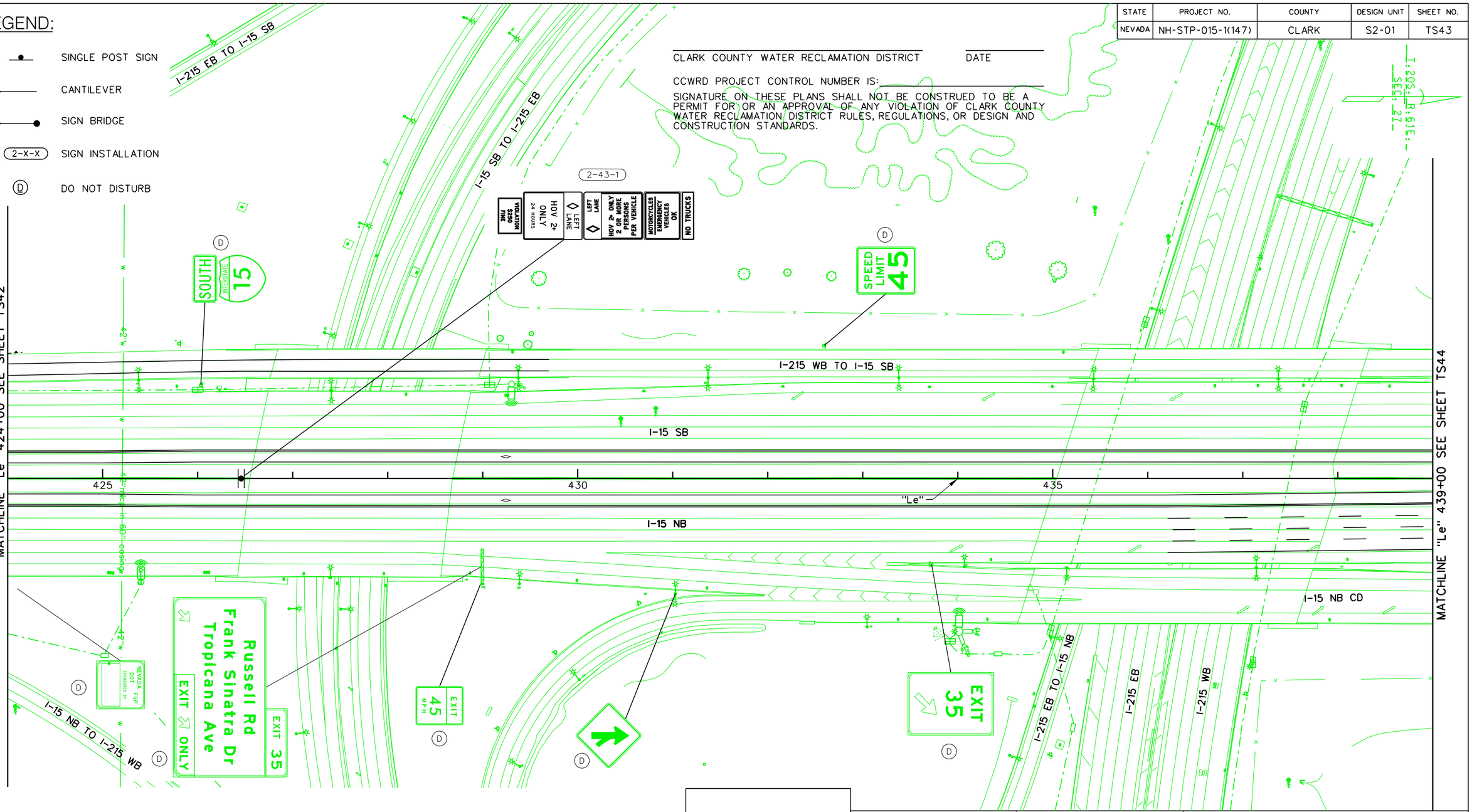
LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

CLARK COUNTY WATER RECLAMATION DISTRICT _____ DATE _____

CCWRD PROJECT CONTROL NUMBER IS: _____

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.



1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS43.DGN	12/20/16
NO.	DESCRIPTION	DATE

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 424+00 TO "Le" 439+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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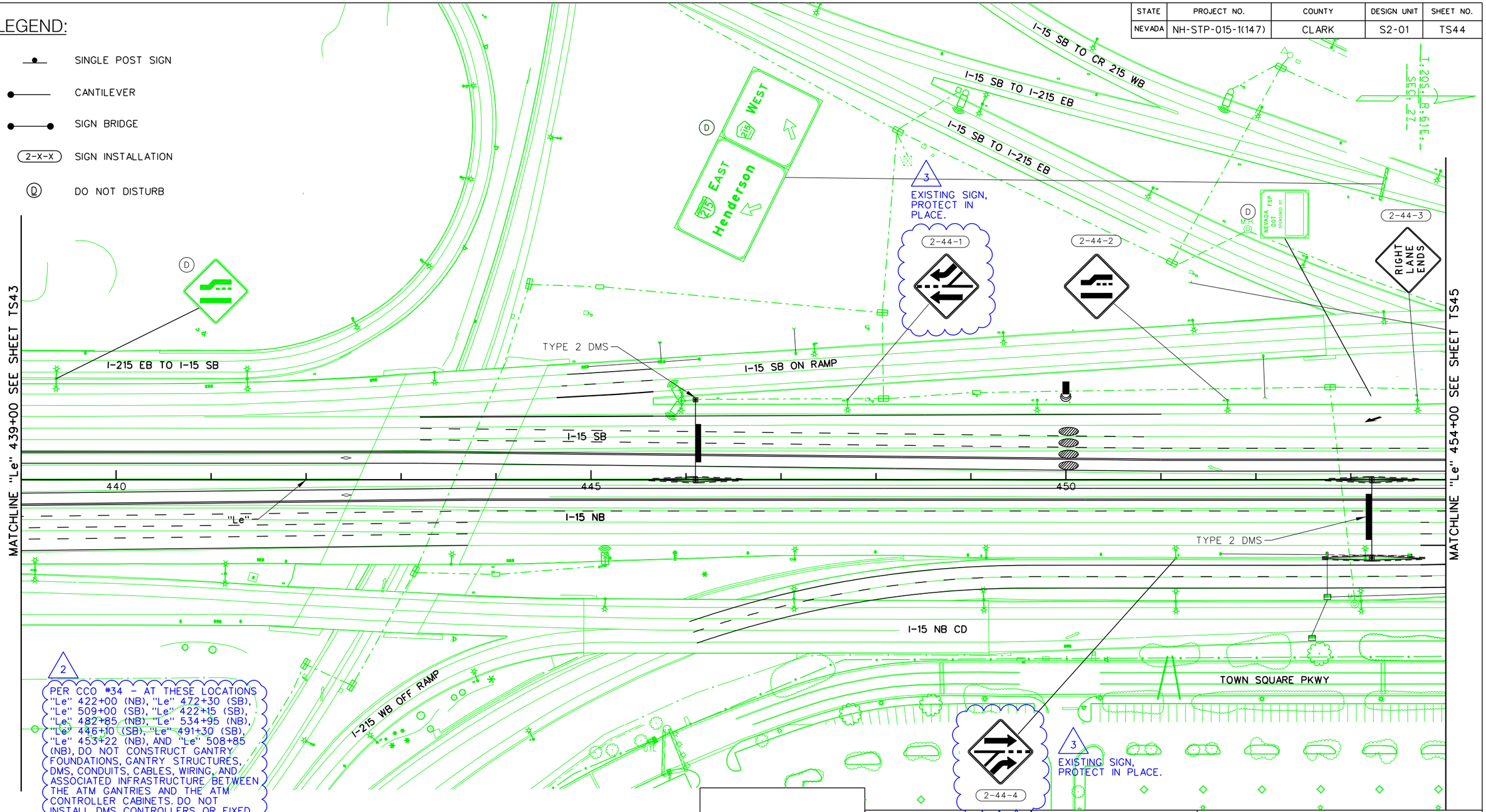
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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS44

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X — SIGN INSTALLATION
- (D) — DO NOT DISTURB



2 PER CCO #34 – AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS44.DGN	12/20/16

DESIGN UNIT S2-01

AS–BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 439+00 TO "Le" 454+00

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2270 Corporate Circle
Suite 200
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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS45

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

MATCHLINE "Le" 454+00 SEE SHEET TS44

MATCHLINE "Le" 469+00 SEE SHEET TS46

DEAN MARTIN DR

I-15 SB TO I-215 EB

EXIT 34

SPONSOR A HIGHWAY NEXT 1 MILE

EXIT 35 MPH

EAST 215 WEST Henderson

EXIT 34 EAST 215 Henderson EXIT ONLY

2-45-1

NO TRUCKS | MOTORCYCLES EQUIPPED WITH SIDECARS OK | HOV 2+ ONLY 2 OR MORE PERSONS PER VEHICLE | LEFT LANE | LEFT LANE HOV 2+ ONLY 24 HOURS | VIOLATION MOTOR VEHICLE $ FINE

SUNSET RD

I-15 SB CD

I-15 SB

I-15 NB

I-15 NB CD

455 460 "Le" 465

TOWN SQUARE PKWY

DMS

INTERSTATE 15 NORTH

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS45.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 454+00 TO "Le" 469+00

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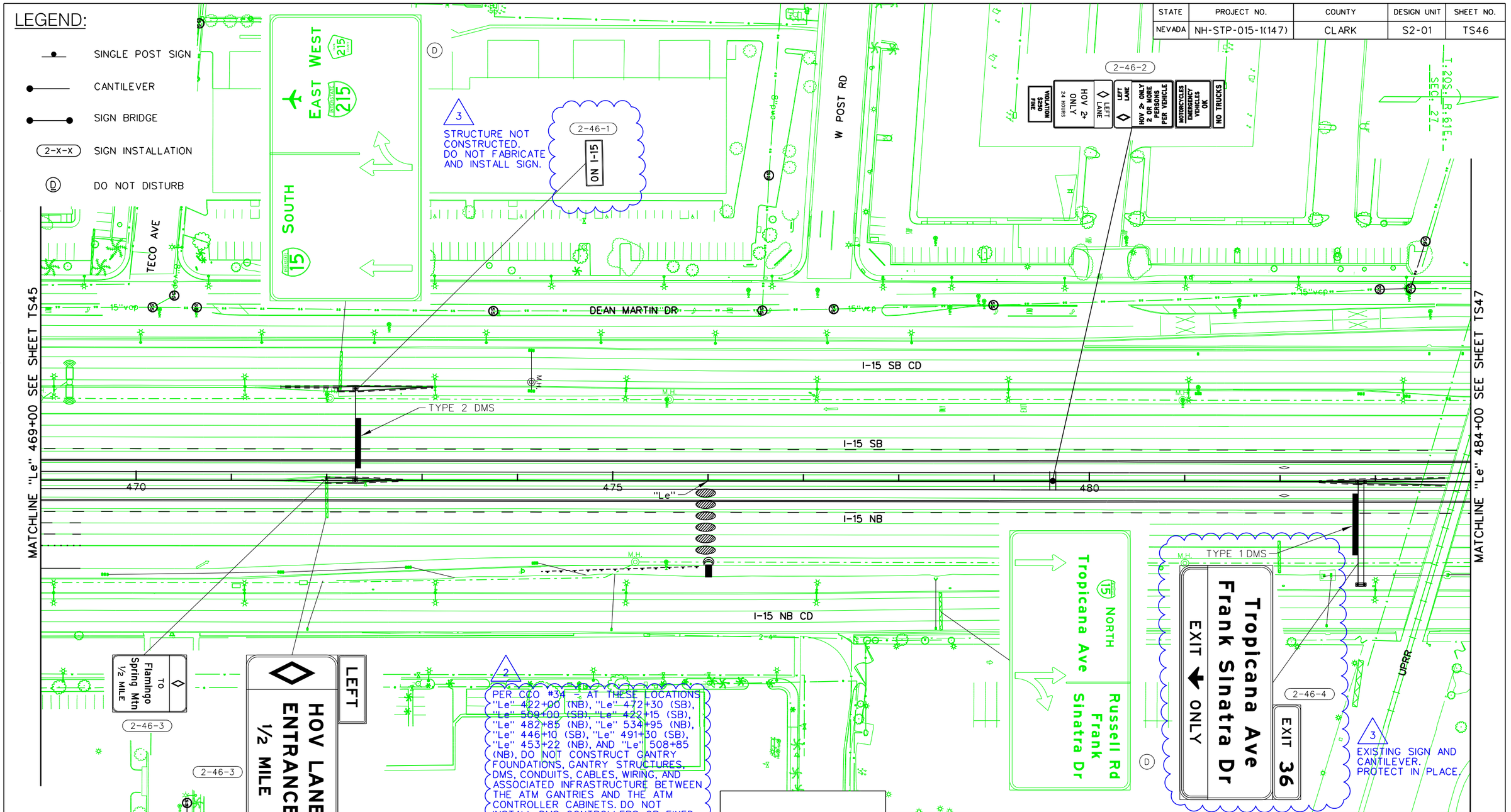
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS46

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS46.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 469+00 TO "Le" 484+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

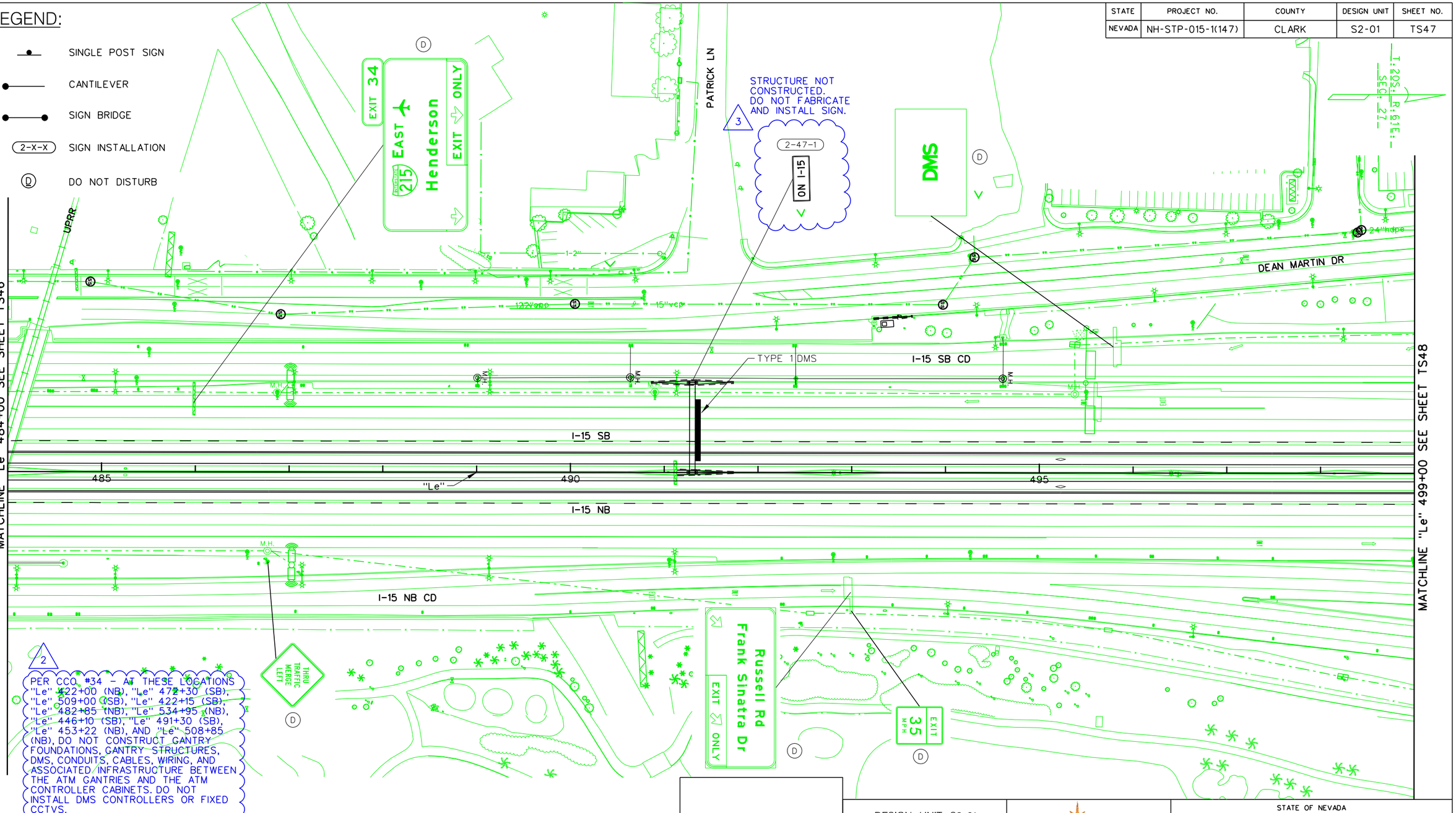
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS47

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS47.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

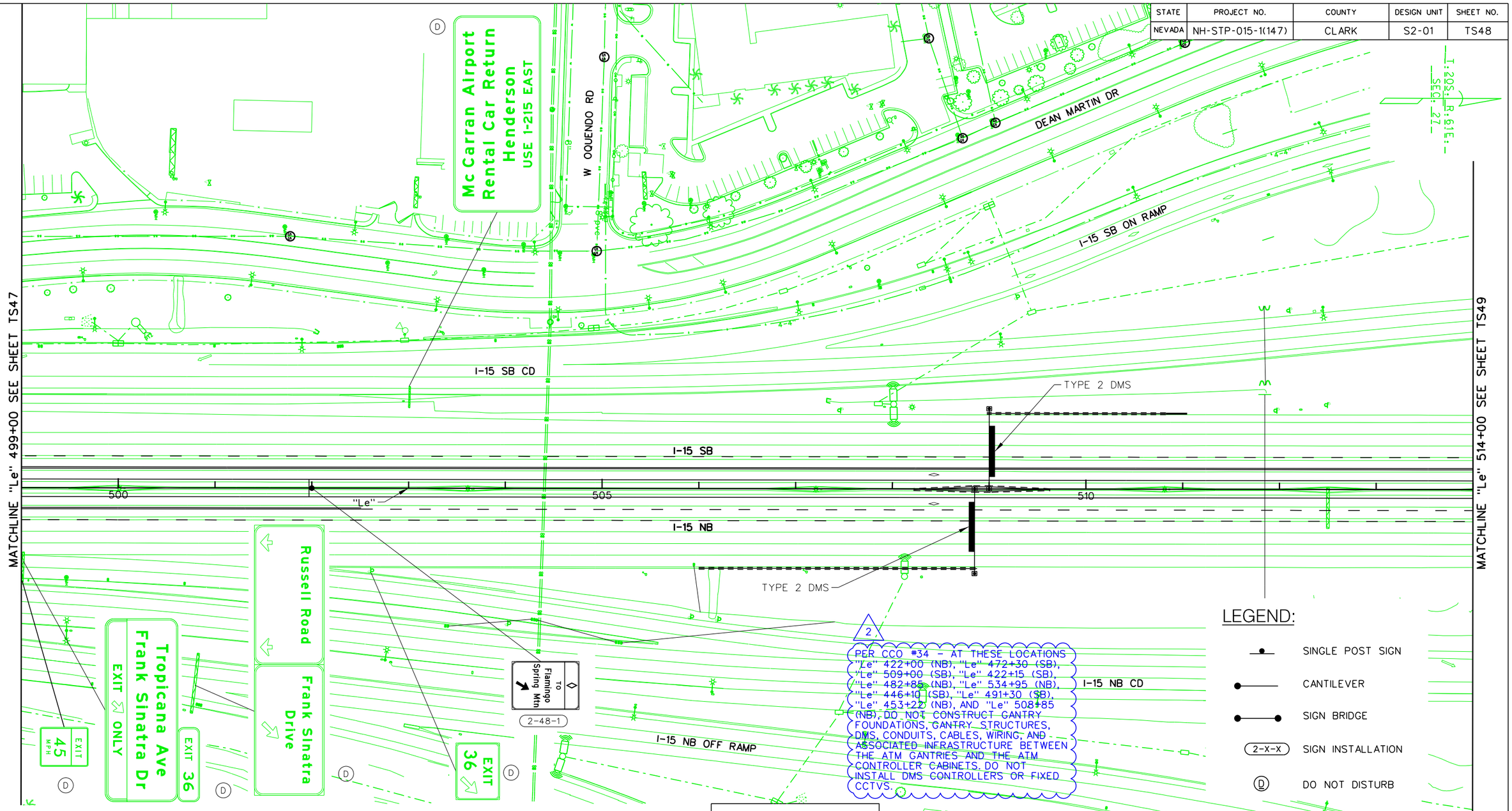
SIGNING PLAN
"Le" 484+00 TO "Le" 499+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS48



NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS48.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 499+00 TO "Le" 514+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

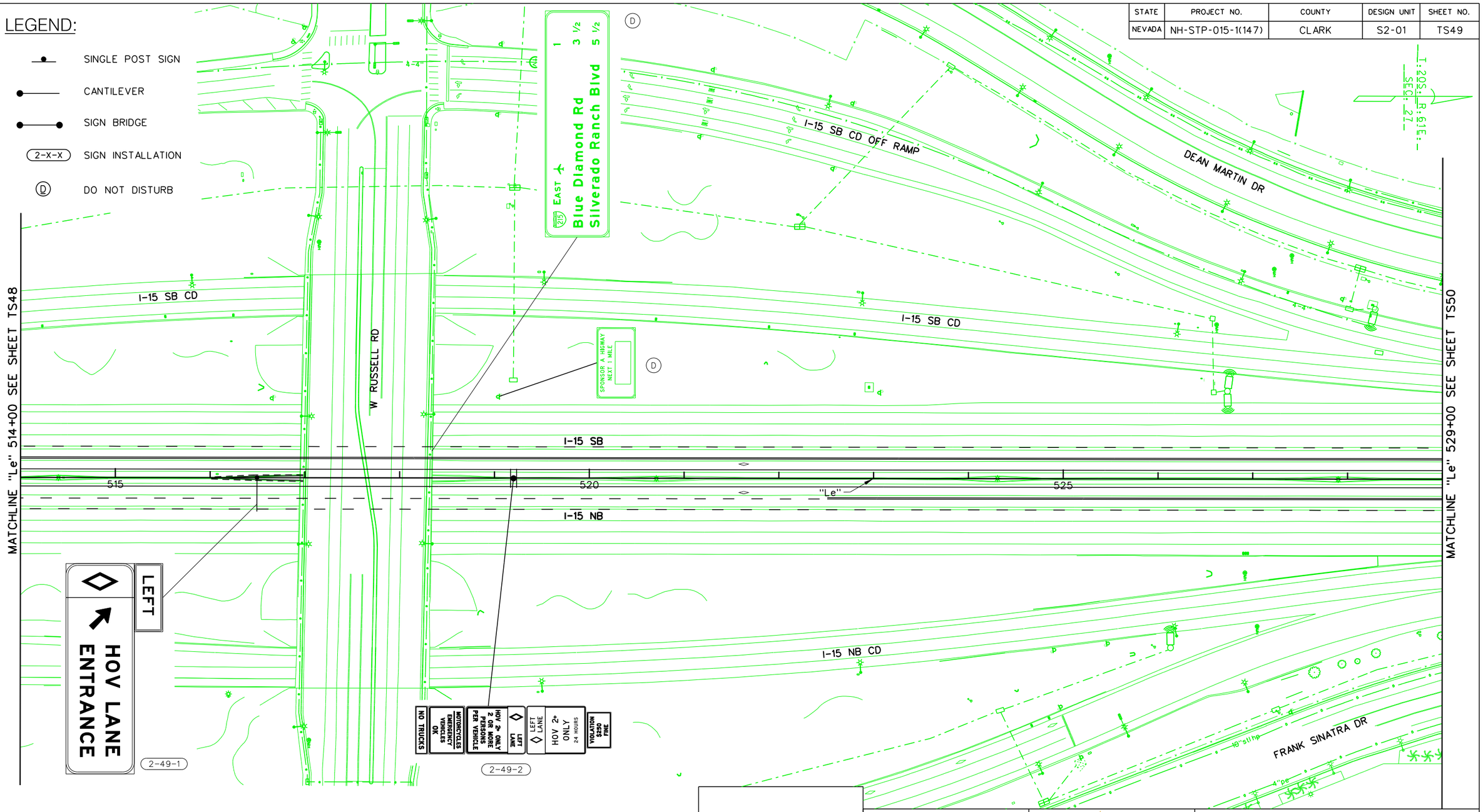
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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS49

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS49.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 514+00 TO "Le" 529+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS50

MATCHLINE "Le" 529+00 SEE SHEET TS49

MATCHLINE "Le" 544+00 SEE SHEET TS51

Russell Road EXIT ONLY

Russell Road EXIT ONLY

2-50-1 ON I-15

DEAN MARTIN DR

CONNECTOR RD

T.20S.; R.61E.; SEC. 27

gp 24"hdpe 2-4"

I-15 SB CD

TYPE 2 DMS

I-15 SB

530 535 "Le" 540

I-15 NB

TYPE 1 DMS

I-15 NB CD

10"stl hp

FRANK SINATRA DR

3 STRUCTURE NOT CONSTRUCTED. DO NOT FABRICATE AND INSTALL SIGN.

2-50-3 ON I-15

2-50-2

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

VIOLATION $250 FINE

HOV 2+ ONLY 24 HOURS

LEFT LANE

LEFT LANE

HOV 2+ ONLY 2 OR MORE PERSONS PER VEHICLE

MOTORCYCLES EMERGENCY VEHICLES ONLY

NO TRUCKS

SPEED LIMIT 45

15 NORTH Salt Lake City EXIT ONLY

Tropicana Ave Frank Sinatra Dr

Flamingo Rd 1 ¼
Spring Mtn Rd 1 ½
Sahara Ave 3 ½

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
3	NDC 1131	05/01/19
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS50.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

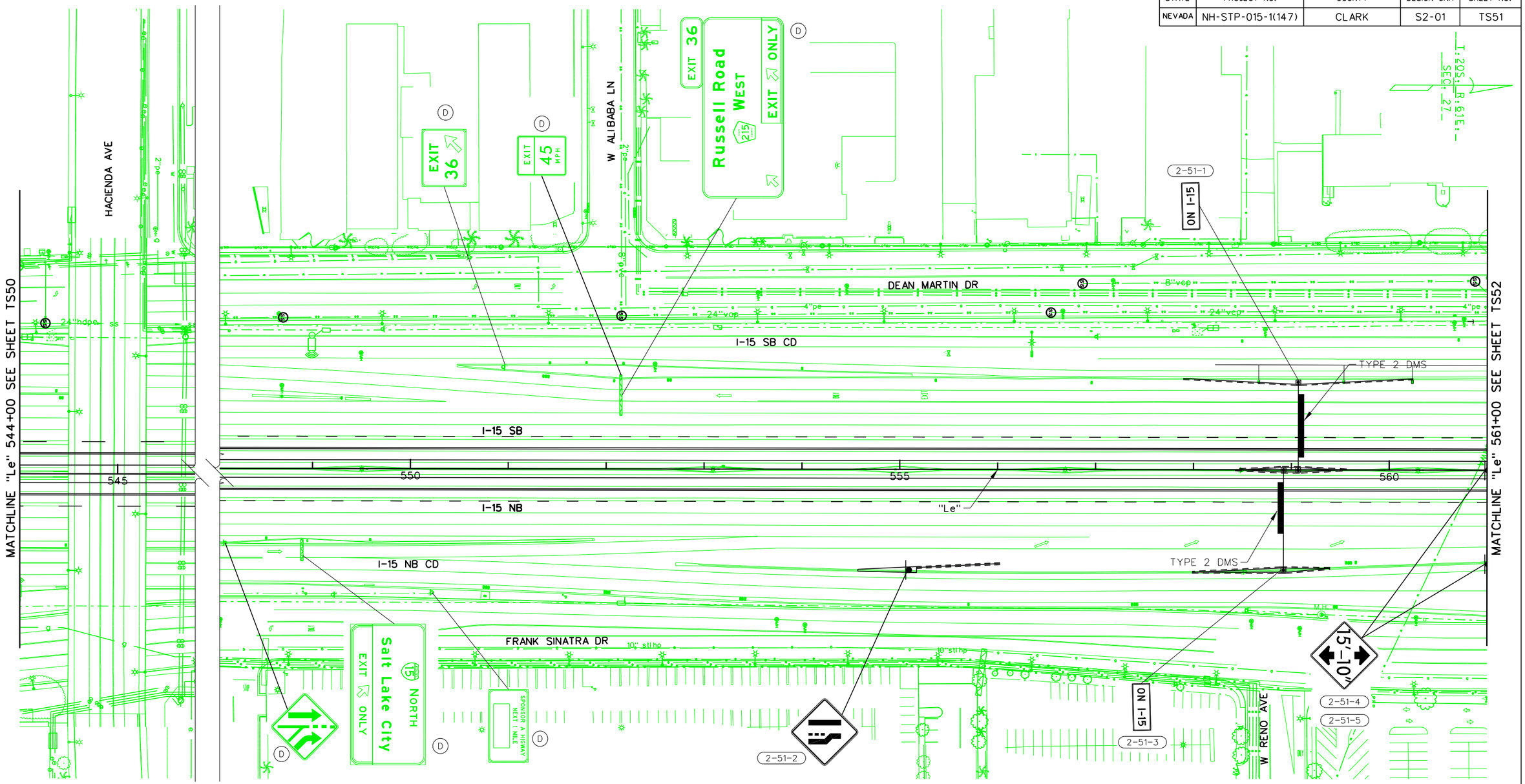
SIGNING PLAN
"Le" 529+00 TO "Le" 544+00

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Henderson, Nevada 89074
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS51



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS51.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 544+00 TO "Le" 561+00

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2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

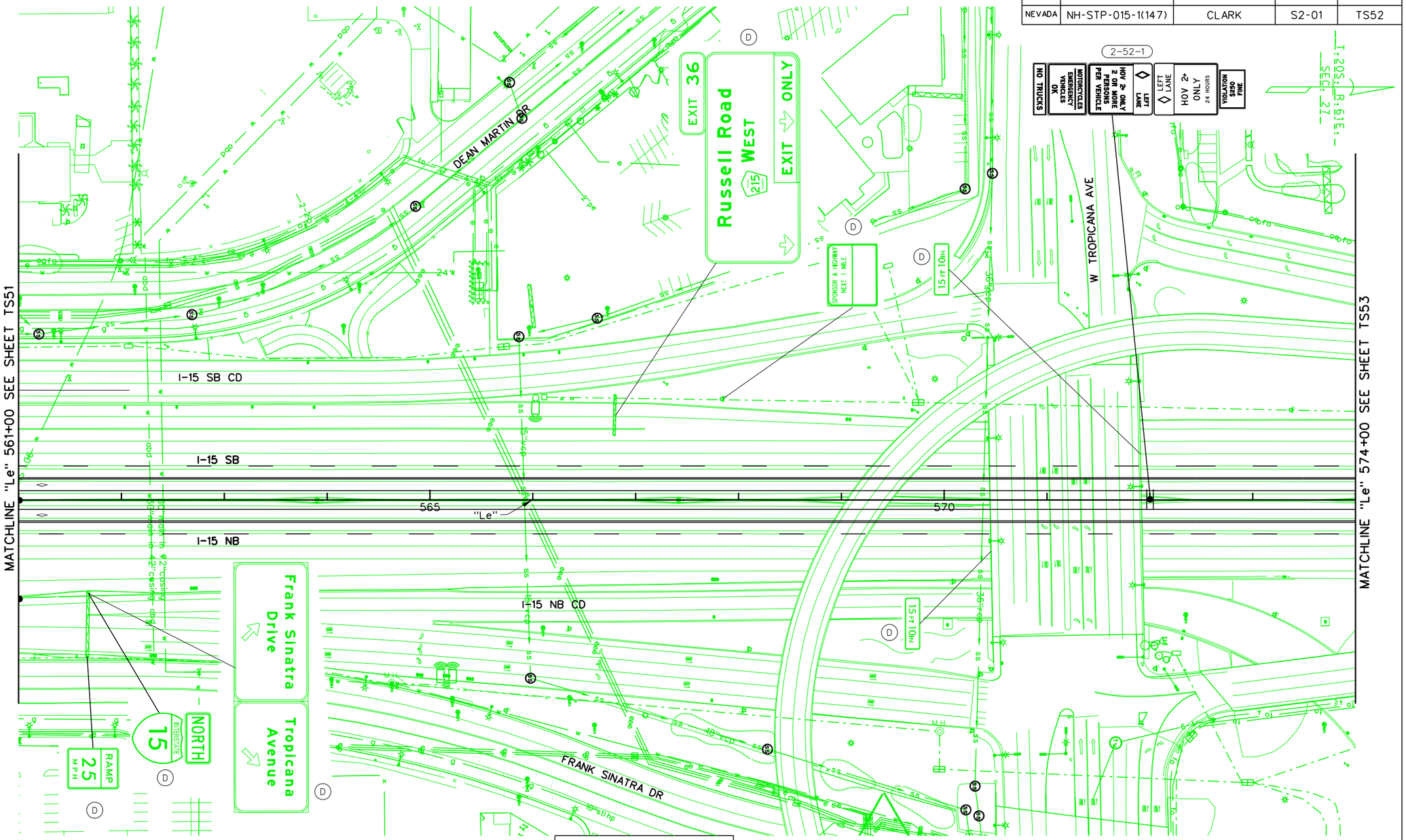
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS52

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS52.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 561+00 TO "Le" 574+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

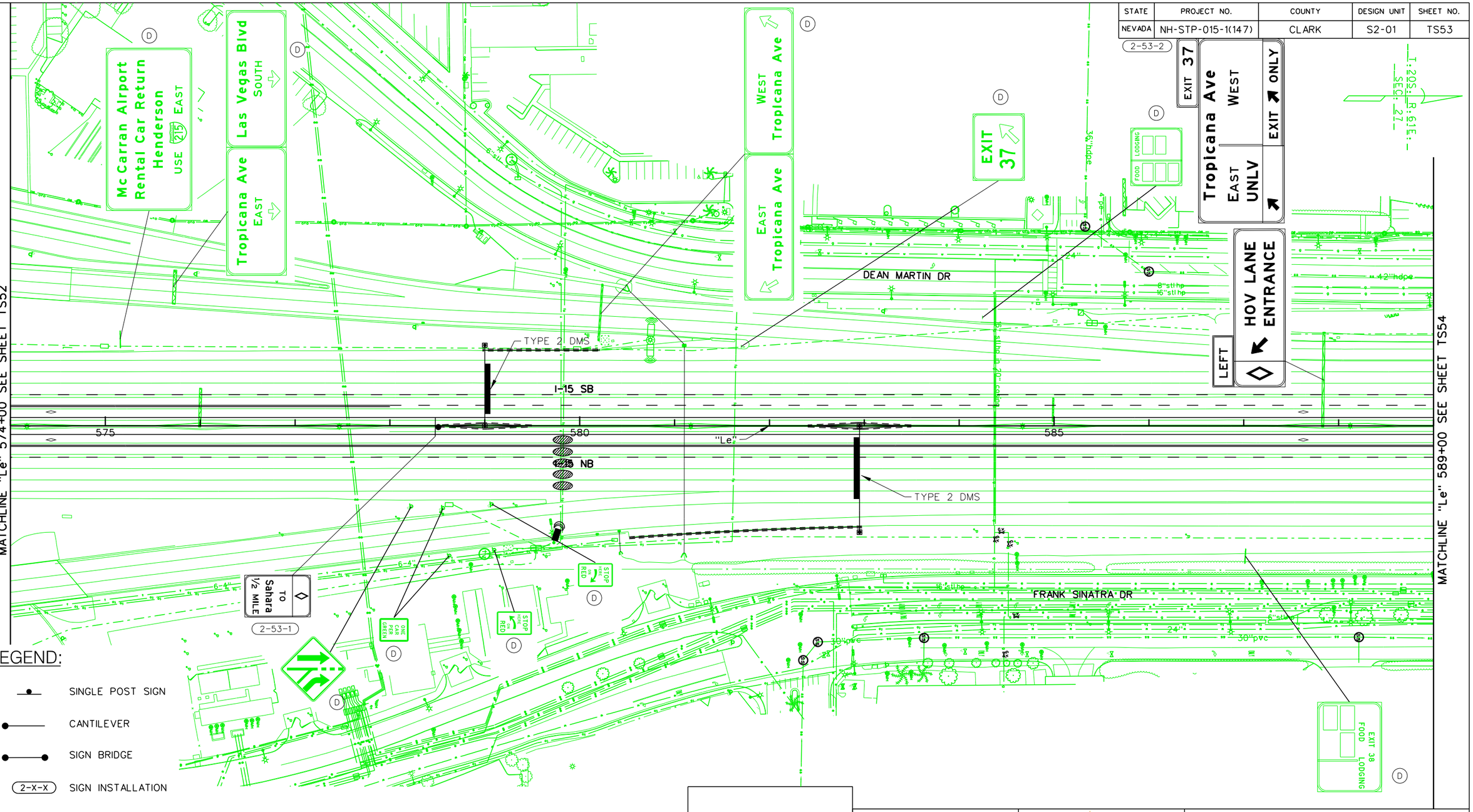
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CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS53

MATCHLINE "Le" 574+00 SEE SHEET TS52

MATCHLINE "Le" 589+00 SEE SHEET TS54



LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS53.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 574+00 TO "Le" 589+00

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Fax: 702/263-7200
www.atkinsglobal.com

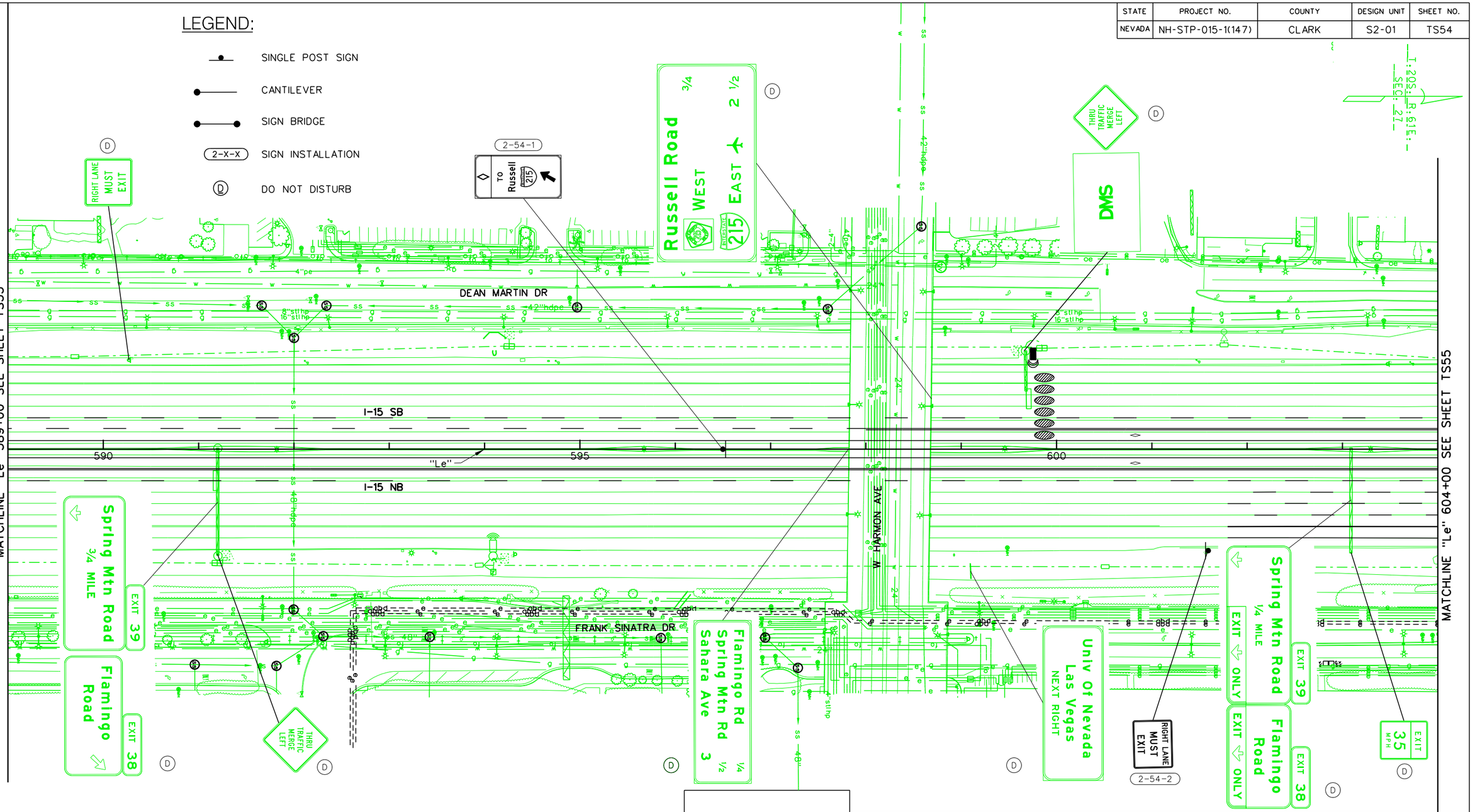
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS54

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X — SIGN INSTALLATION
- (D) — DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS54.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 589+00 TO "Le" 604+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

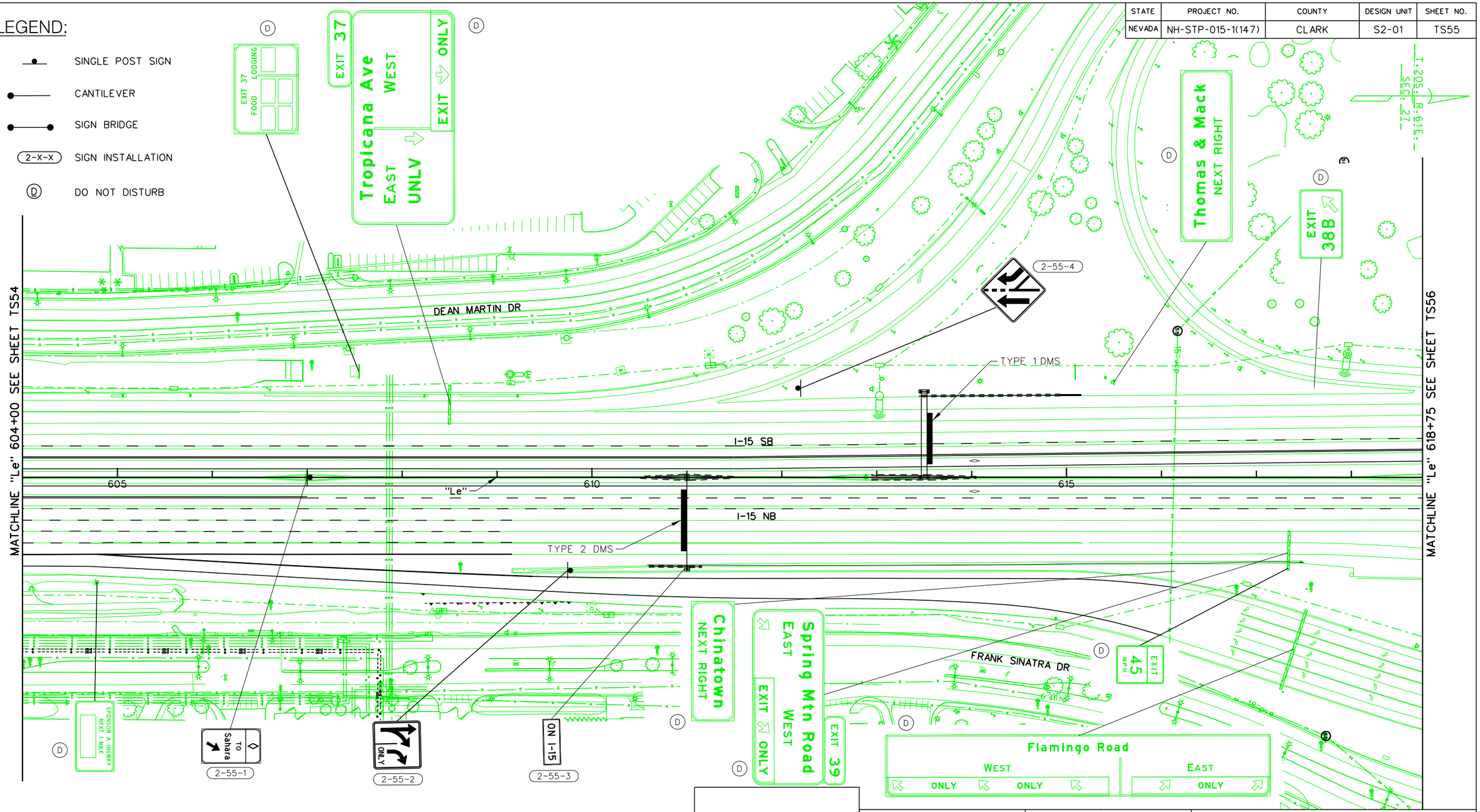
DESIGNED BY	JSW
DRAWN BY	BEB
CHECKED BY	JRY
REVIEWED BY	ND

8/9/2019
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS55

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS55.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 604+00 TO "Le" 618+75

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY	JSW
DRAWN BY	BEB
CHECKED BY	JRY
REVIEWED BY	ND

8/9/2019
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS56

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

MATCHLINE "Le" 618+75 SEE SHEET TS55

MATCHLINE "Le" 634+00 SEE SHEET TS57

I-15 SB

I-15 NB

FLAMINGO RD

FRANK SINATRA DR

"Le"

620

625

630

EXIT 38B
Flamingo Road
EAST

Tropicana Ave 3/4
Russell Rd 1 1/4
WEST
215

RIGHT LANE MUST EXIT

FOOD - EXIT 38B

PAVED PARKING

T 22S; R 61E; SEC. 27

2-56-4

EXIT 38B
Flamingo Road
EAST
EXIT ONLY

SPONSOR A HIGWAY NEXT 1 MILE

2-56-5

RIGHT LANE MUST EXIT

TYPE 2 DMS

2-56-2

TO Russell 215
½ MILE

2-56-1

HOV LANE ENTRANCE
LEFT

SPONSOR A HIGWAY NEXT 1 MILE

Sahara Ave
2 MILES

EXIT 39

EXIT 40

2-56-3

NO TRUCKS

MOTORCYCLES EMERGENCY VEHICLES OK

HOV 2+ ONLY
2 OR MORE PERSONS PER VEHICLE

LEFT LANE

LEFT LANE
HOV 2+
ONLY
24 HOURS

VIOLATION $250 FINE

2-56-6

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS56.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 618+75 TO "Le" 634+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

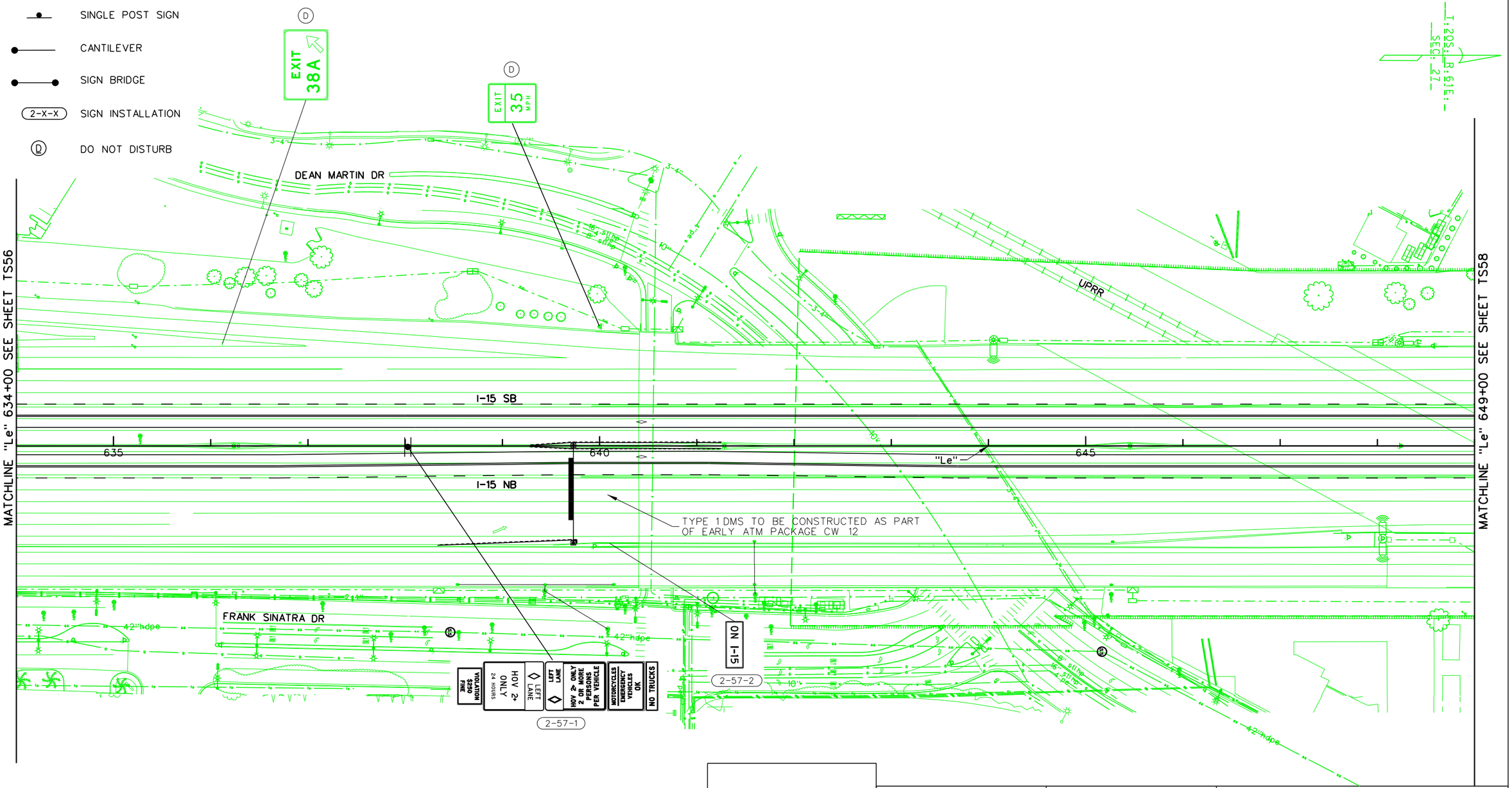
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DRAWN BY	BEB
CHECKED BY	JRY
REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS57

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS57.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 634+00 TO "Le" 649+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

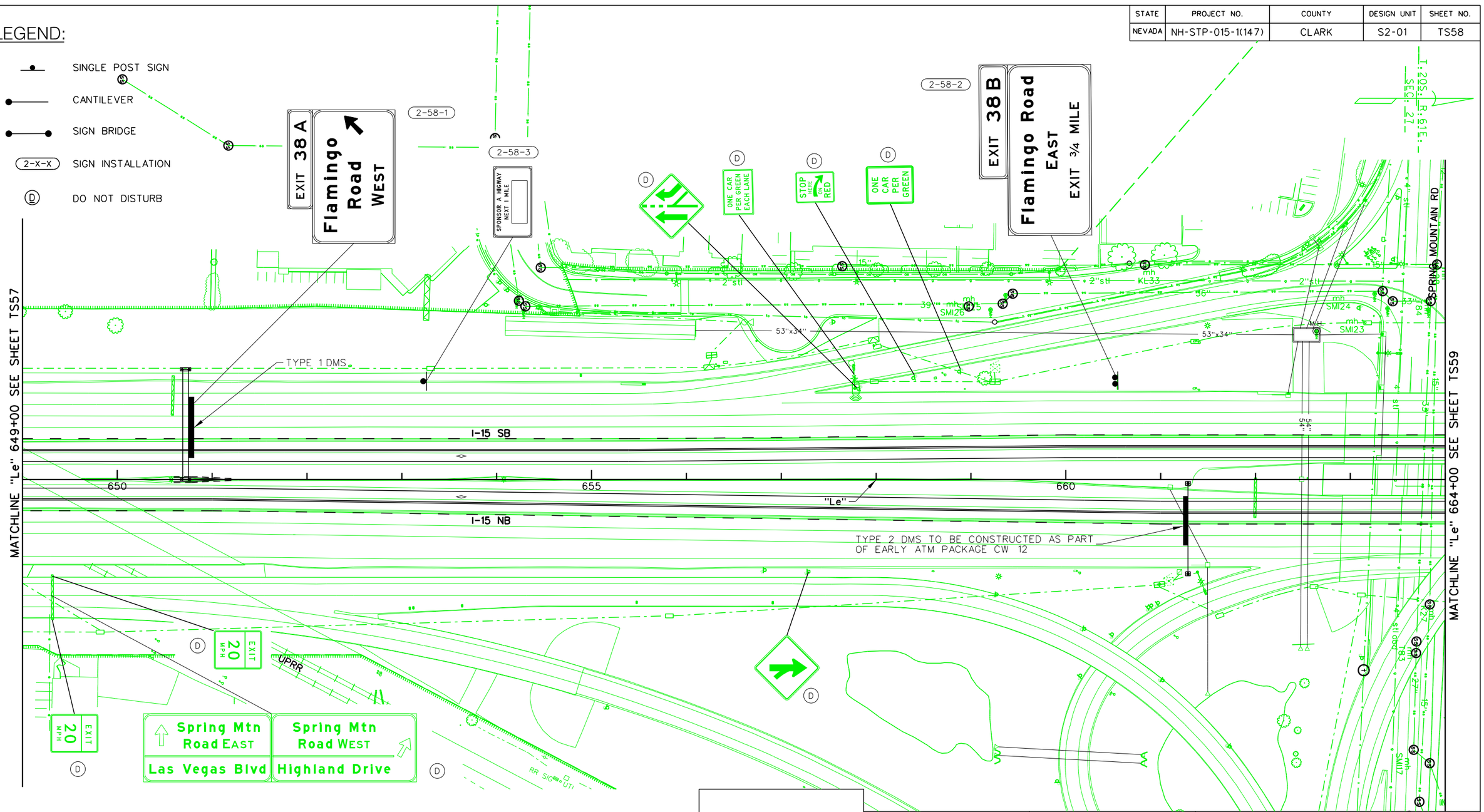
DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS58

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB



NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS58.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
"Le" 649+00 TO "Le" 664+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY	JSW
DRAWN BY	BEB
CHECKED BY	JRY
REVIEWED BY	ND

8/9/2019
11:06:47 AM
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS59

LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS:

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

MATCHLINE "Le" 664+00 SEE SHEET TS58

MATCHLINE "I-15S" 679+00 SEE SHEET TS60

2-59-1

D. R. I.

Univ. of Nevada Las Vegas EXIT 38B

2-59-2

NO TRUCKS

MOTORCYCLES EMERGENCY VEHICLES OK

HOV 2+ ONLY 2 OR MORE PERSONS PER VEHICLE

LEFT LANE

LEFT LANE

HOV 2+ ONLY 24 HOURS

MOTORCYCLES ONLY $250 FINE

TYPE 2 DMS

I-15 SB

I-15 NB

"Le"

"I-15S"

"Le" 674+42.17 = "I-15S" 674+42.17

665 670 675

4"st

ABANDONED 4"st

30"x19"

24" 36" 42" 60" 18" 30"rcp

M.H.

PAVED PARKING

CONC

UTL

DESERT INN RD

CELL TOWER

INTERSTATE 15 NORTH

Las Vegas NEXT 4 EXITS

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS59.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

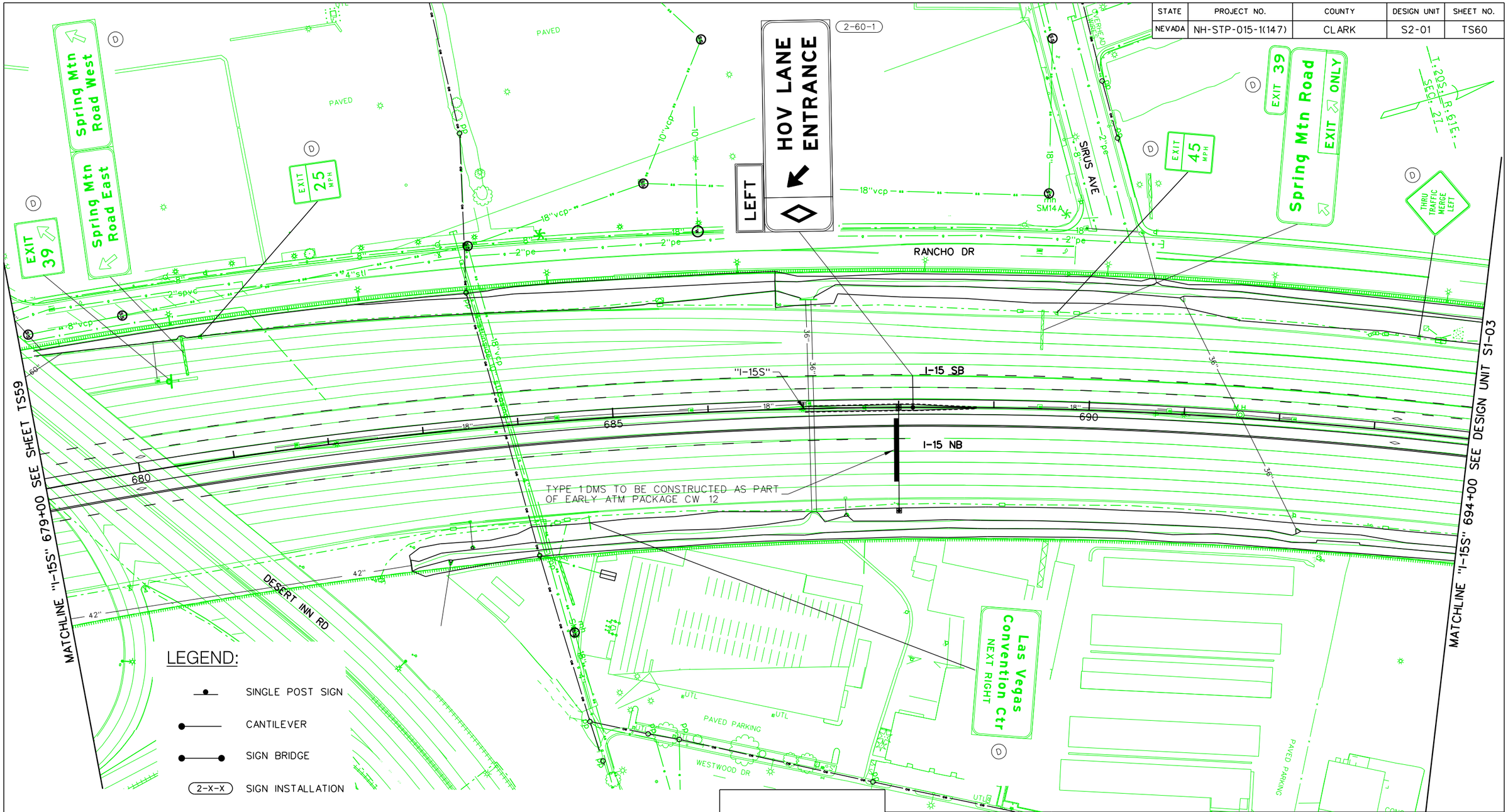
SIGNING PLAN
"Le" 664+00 TO "I-15S" 679+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

2/6/2020
10:34:08 AM
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS60



LEGEND:

- SINGLE POST SIGN
- CANTILEVER
- SIGN BRIDGE
- 2-X-X SIGN INSTALLATION
- (D) DO NOT DISTURB

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS60.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

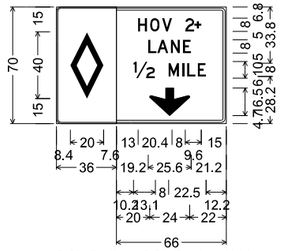
SIGNING PLAN
"I-15S" 679+00 TO "I-15S" 694+00

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY	JSW
DRAWN BY	BEB
CHECKED BY	JRY
REVIEWED BY	ND

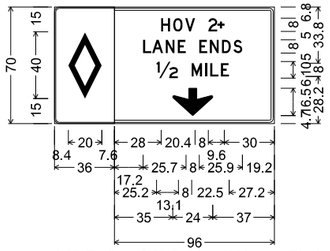
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS61



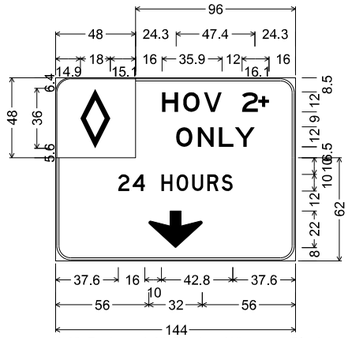
3.0" Radius, 0.8" Border, White on Black;
Symbol RG005;
3.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
[HOV 2+] D; [LANE] D;
[½] E; [MILE] D;
Down Arrow 16.0" 270°;

2-32-2



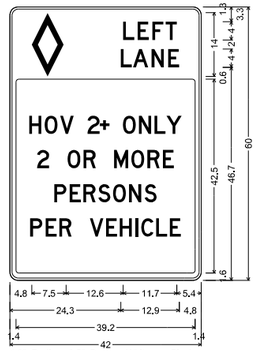
3.0" Radius, 0.8" Border, White on Black;
Symbol RG005;
3.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
[HOV 2+] D; [LANE ENDS] D;
[½] E; [MILE] D;
Down Arrow 16.0" 270°;

2-34-1



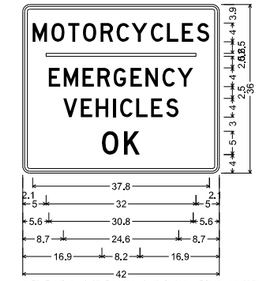
9.0" Radius, 0.8" Border, White on Black;
Symbol RG005;
9.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
[HOV 2+] E; [ONLY] E;
9.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
[24 HOURS] D;
Down Arrow 22.0" 270°;

2-34-2



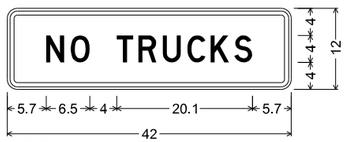
1.9" Radius, 0.5" Border, White on Black;
Symbol RG005;
[LEFT] D 101% spacing; [LANE] D;
Rounded Rectangle 0.6" Radius;

2-35-1 / 2-36-1 / 2-38-1
2-39-1 / 2-42-1 / 2-43-1
2-45-1 / 2-46-2 / 2-49-2
2-50-2 / 2-52-1 / 2-56-3
2-57-1 / 2-59-2



1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[MOTORCYCLES] D; [EMERGENCY] D;
[VEHICLES] D; [OK] D;

2-35-1 / 2-36-1 / 2-38-1
2-39-1 / 2-42-1 / 2-43-1
2-45-1 / 2-46-2 / 2-49-2
2-50-2 / 2-52-1 / 2-56-3
2-57-1 / 2-59-2



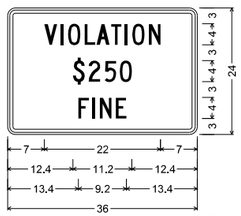
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[NO TRUCKS] D;

2-35-1 / 2-36-1 / 2-38-1
2-39-1 / 2-42-1 / 2-43-1
2-45-1 / 2-46-2 / 2-49-2
2-50-2 / 2-52-1 / 2-56-3
2-57-1 / 2-59-2



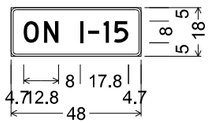
1.9" Radius, 0.5" Border, White on Black;
Symbol RG005;
[LEFT] D 101% spacing; [LANE] D;
Rounded Rectangle 0.6" Radius;

2-35-1 / 2-36-1 / 2-38-1
2-39-1 / 2-42-1 / 2-43-1
2-45-1 / 2-46-2 / 2-49-2
2-50-2 / 2-52-1 / 2-56-3
2-57-1 / 2-59-2



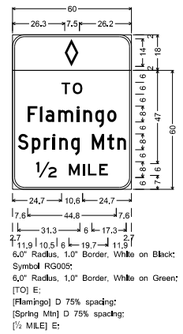
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[VIOLATION] C; [$250] C;
[FINE] C;

2-35-1 / 2-36-1 / 2-38-1
2-39-1 / 2-42-1 / 2-43-1
2-45-1 / 2-46-2 / 2-49-2
2-50-2 / 2-52-1 / 2-56-3
2-57-1 / 2-59-2



2.0" Radius, 0.8" Border, Black on White;
[ON I-15] D;

2-46-1 / 2-47-1 / 2-50-1
2-50-3 / 2-51-1 / 2-51-3
2-55-3 / 2-57-2



6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E;
[Flamingo] D 75% spacing;
[Spring Mtn] D 75% spacing;
[½ MILE] E;

2-46-3

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS61.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SPECIAL SIGN DETAILS

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

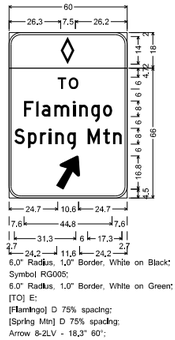
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS62



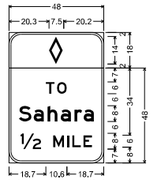
6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [36] E Mod;
12.0" Radius, 2.0" Border, White on Green;
[Tropicana Ave] E Mod; [Frank Sinatra Dr] E Mod;
1.8" Inner border Green, 12.0" Radius, 2.0" Outer border, White on Yellow;
[EXIT] Black E; Down Arrow 16.0" 270° Black;
[ONLY] Black E;

2-46-4



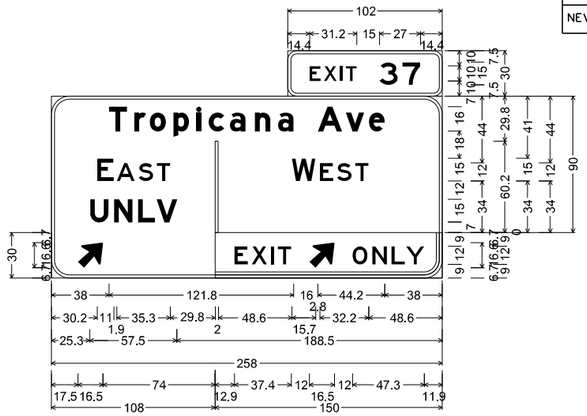
6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E:
[Flamingo] D 75% spacing;
[Spring Mtn] D 75% spacing;
Arrow 8-2LV - 18.3° 60°;

2-48-1



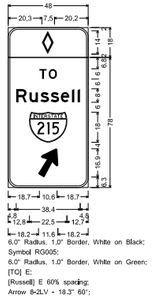
6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E:
[Sahara] E 60% spacing;
[½ MILE] E;

2-53-1



6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [37] E;
12.0" Radius, 2.0" Border, White on Green;
[Tropicana Ave] E Mod; [EAST] E; [UNLV] E Mod;
[WEST] E;
12.0" Radius, 2.0" Border, White on Green;
Arrow 12-1L - 20.3" 45°;
2.0" Inner border Green, 12.0" Radius, 2.0" Outer border, White on Yellow;
[EXIT] Black E; Arrow 12-1L - 20.3" 45° Black;
[ONLY] Black E;

2-53-2



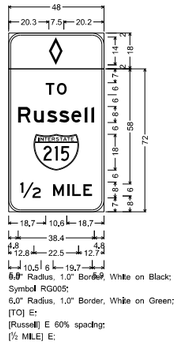
6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E:
[Russell] E 60% spacing;
Arrow 8-2LV - 18.3° 60°;

2-54-1



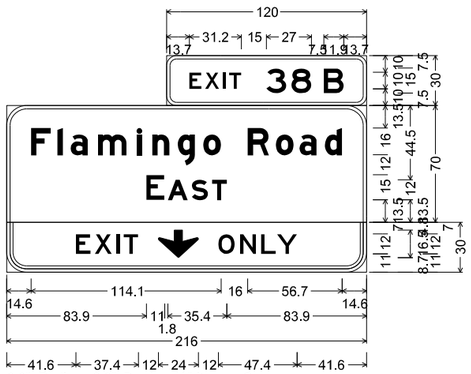
6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E:
[Sahara] E 75% spacing;
Arrow 8-2LV - 18.3° 60°;

2-55-1



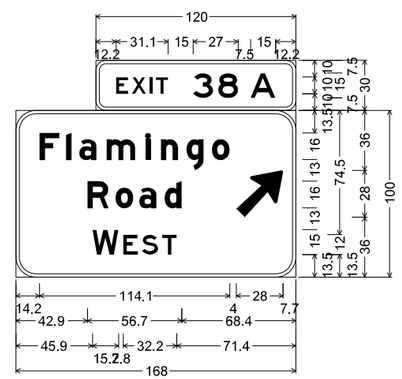
6.0" Radius, 1.0" Border, White on Black;
Symbol RG005;
6.0" Radius, 1.0" Border, White on Green;
[TO] E:
[Russell] E 60% spacing;
[½ MILE] E;

2-56-2



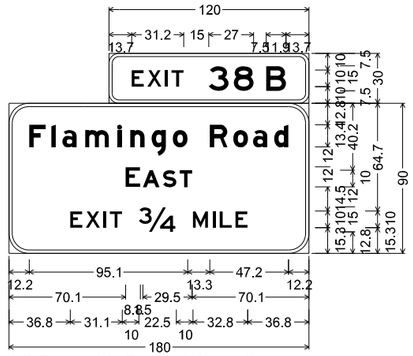
6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [38] E; [B] E;
12.0" Radius, 2.0" Border, White on Green;
[Flamingo Road] E Mod; [E] E [AST] E Mod;
1.8" Inner border Green, 12.0" Radius, 2.0" Outer border, White on Yellow;
[EXIT] Black E; Down Arrow 16.0" 270° Black;
[ONLY] Black E;

2-56-4



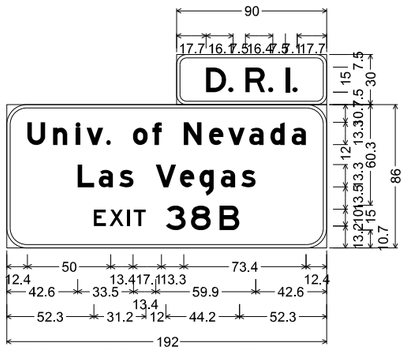
6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [38] E; [A] E;
12.0" Radius, 2.0" Border, White on Green;
[Flamingo] E Mod; [Road] E Mod;
[WEST] E; Arrow 16-2LV - 35.6" 45°;

2-58-1



6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [38] E; [B] E;
12.0" Radius, 2.0" Border, White on Green;
[Flamingo Road] E Mod;
[E] E [AST] E Mod; [EXIT] E;
[¾ MILE] E;

2-58-2



6.0" Radius, 2.0" Border, White on Green;
[D. R. I.] E 50% spacing;
12.0" Radius, 2.0" Border, White on Green;
[Univ. of Nevada] E Mod;
[Las Vegas] E Mod; [EXIT] E; [38B] E;

2-59-1

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS62.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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DEPARTMENT OF TRANSPORTATION

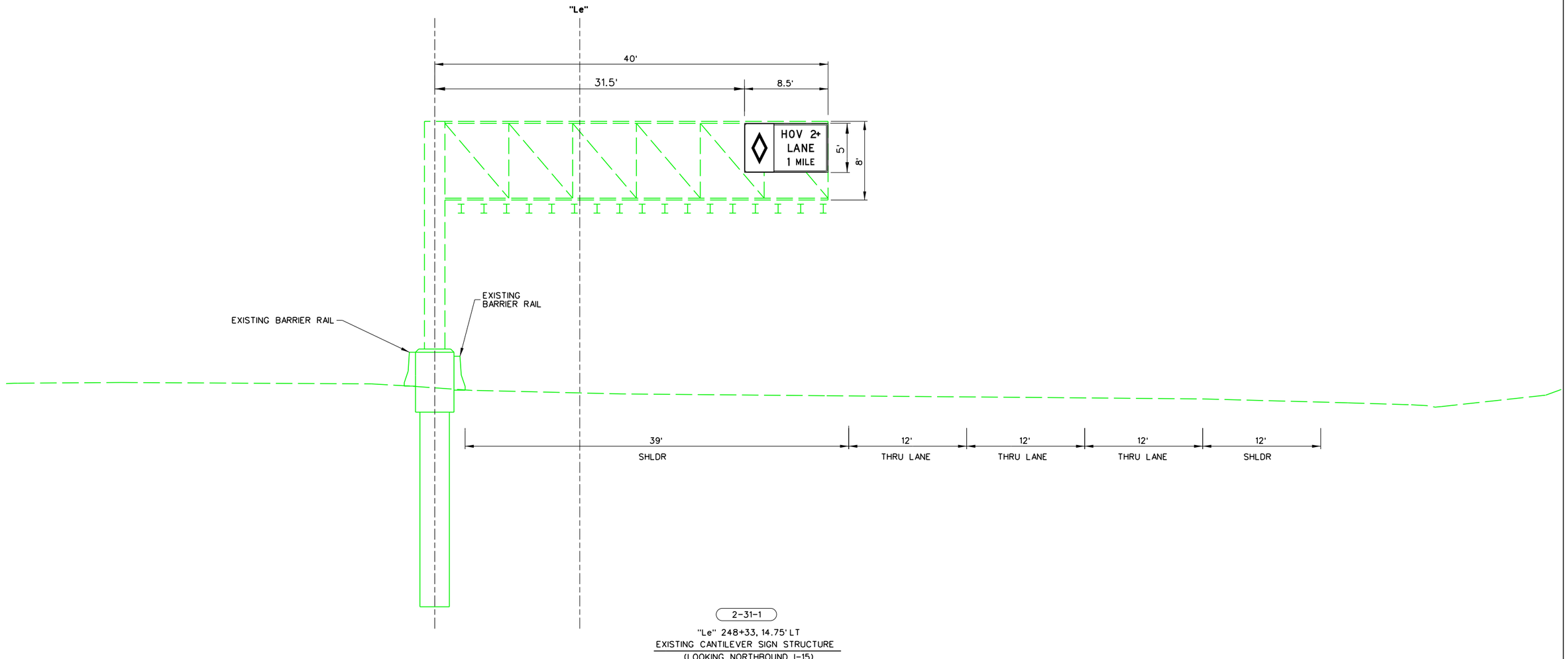
SPECIAL SIGN DETAILS

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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS63



2-31-1

"Le" 248+33, 14.75' LT
EXISTING CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE PROJECT NUMBER STP-015-1(141) SHEET TS13 FOR DESIGN OF EXISTING STRUCTURE.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS63.DGN	12/20/16

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DESIGN UNIT S2-01

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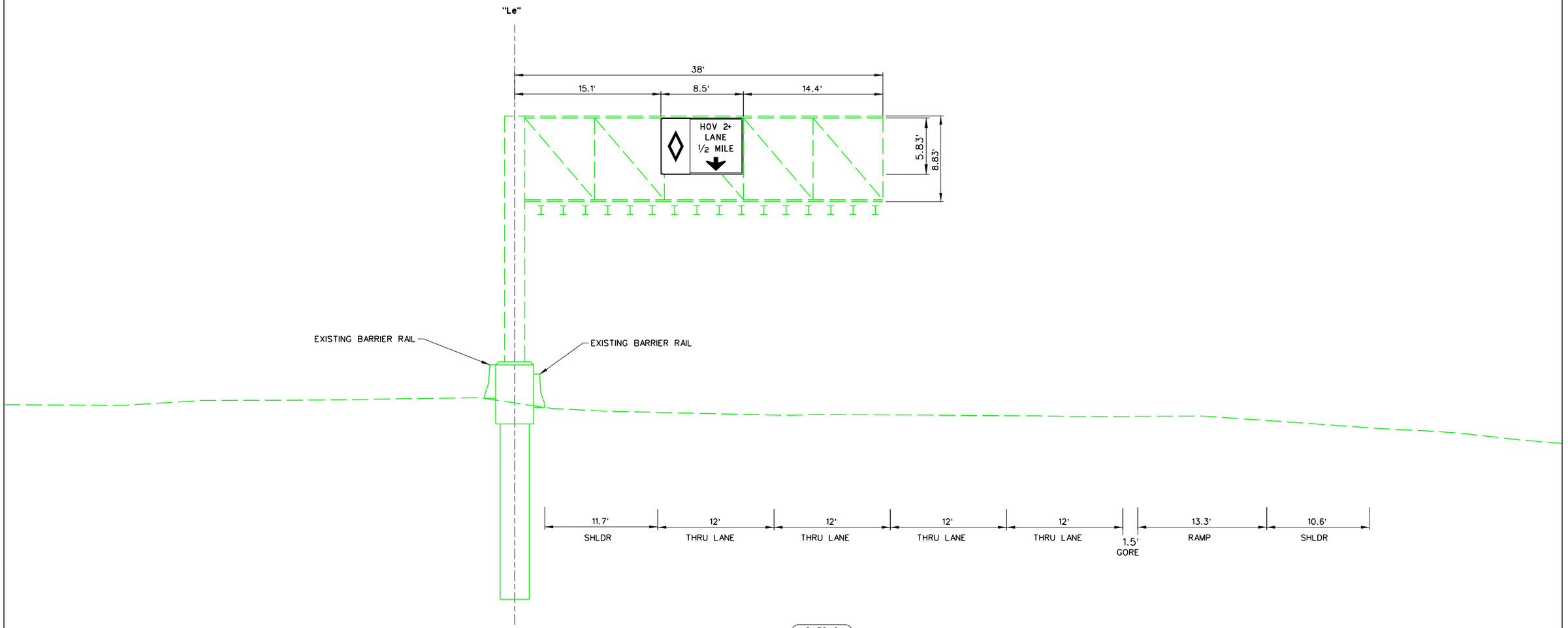
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE DETAIL
"Le" 248+33

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS64



2-32-2

"Le" 269+98
EXISTING CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE PROJECT NUMBER STP-015-1(141) SHEET TS14 FOR DESIGN OF EXISTING STRUCTURE.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS64.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

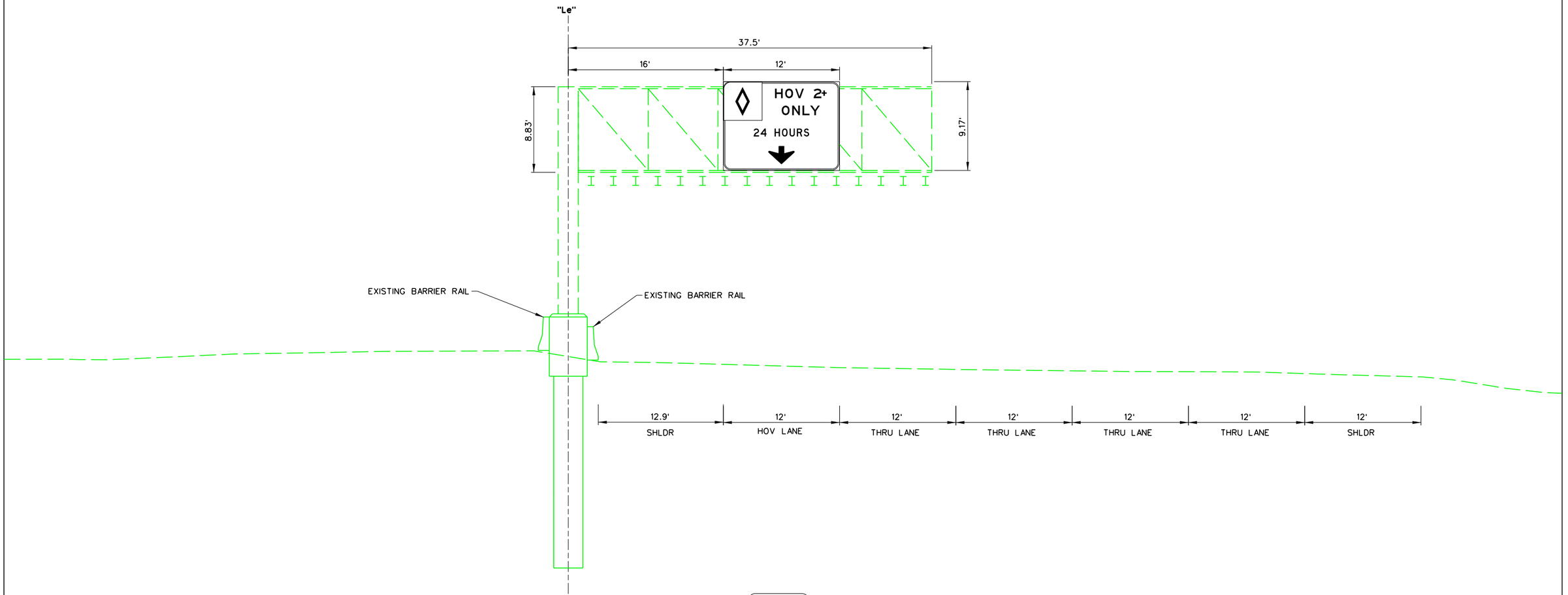
SIGN STRUCTURE DETAIL
"Le" 269+98

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS65



2-34-2

"Le" 295+00
EXISTING CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE PROJECT NUMBER STP-015-1(141) SHEET TS15 FOR DESIGN OF EXISTING STRUCTURE.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS65.DGN	12/20/16

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
OKS JOINT VENTURE
Kiewit

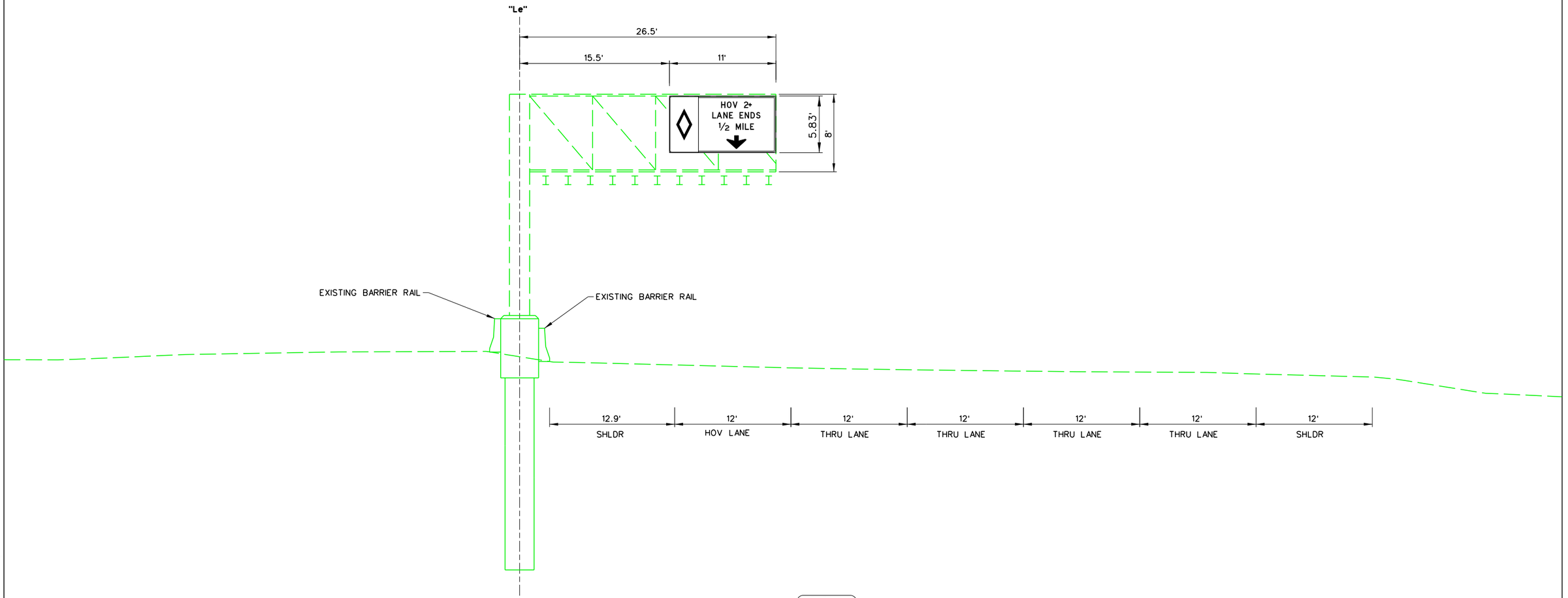
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE DETAIL
"Le" 295+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS66



2-34-1

"Le" 295+08
EXISTING CANTILEVER SIGN STRUCTURE
(LOOKING SOUTHBOUND I-15)

NOTES:

1. SEE PROJECT NUMBER STP-015-1(141) SHEET TS16 FOR DESIGN OF EXISTING STRUCTURE.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS66.DGN	12/20/16

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DESIGN UNIT S2-01

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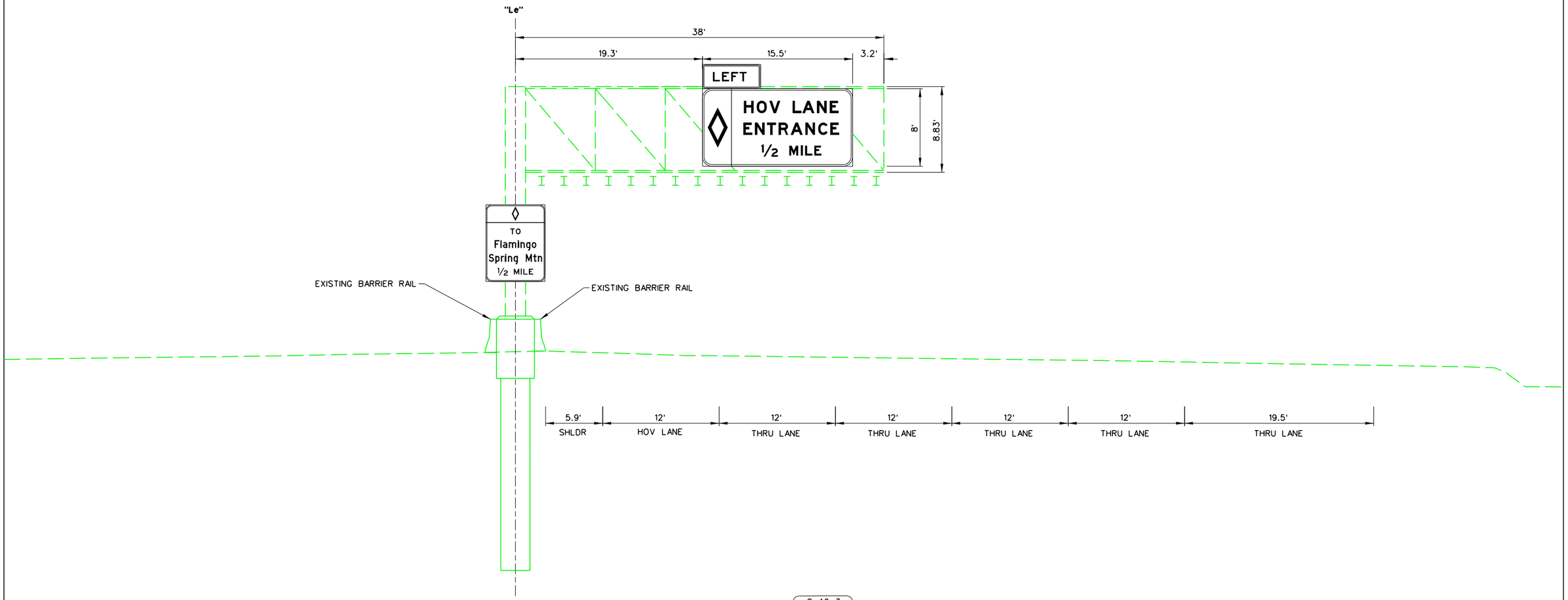
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE DETAIL
"Le" 295+08

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS67



2-46-3

"Le" 471+99
EXISTING CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE PROJECT NUMBER STP-015-1(141) SHEET TS17 FOR DESIGN OF EXISTING STRUCTURE.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS67.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

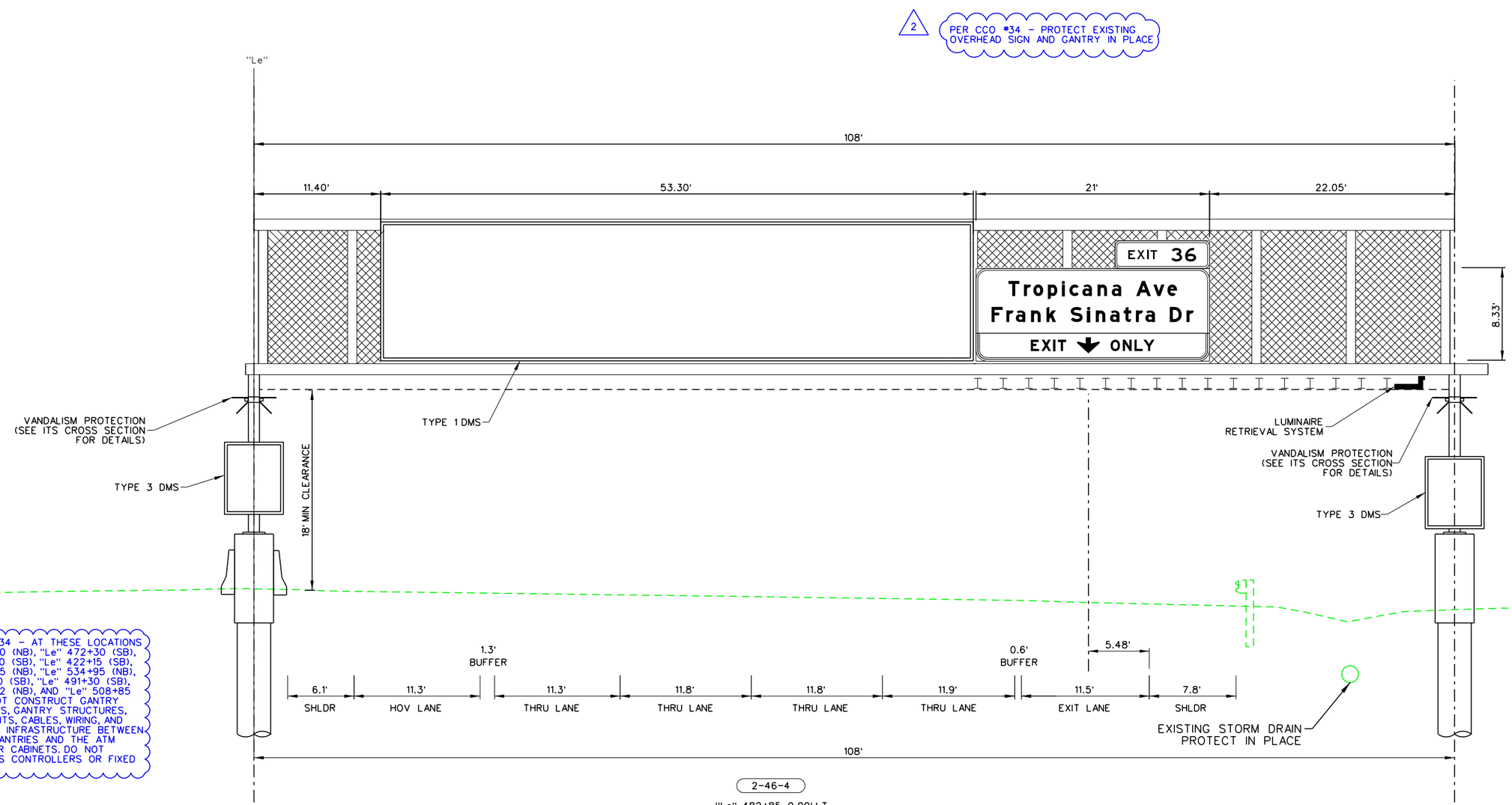
SIGN STRUCTURE DETAIL
"Le" 471+99

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS68



2-46-4

"Le" 482+85, 0.00' LT
ATM/SIGN BRIDGE STRUCTURE
(LOOKING NORTHBOUND I-15)

2 PER CCO #34 - AT THESE LOCATIONS "Le" 422+00 (NB), "Le" 472+30 (SB), "Le" 509+00 (SB), "Le" 422+15 (SB), "Le" 482+85 (NB), "Le" 534+95 (NB), "Le" 446+10 (SB), "Le" 491+30 (SB), "Le" 453+22 (NB), AND "Le" 508+85 (NB), DO NOT CONSTRUCT GANTRY FOUNDATIONS, GANTRY STRUCTURES, DMS, CONDUITS, CABLES, WIRING, AND ASSOCIATED INFRASTRUCTURE BETWEEN THE ATM GANTRIES AND THE ATM CONTROLLER CABINETS. DO NOT INSTALL DMS CONTROLLERS OR FIXED CCTVS.

NOTES:

1. SEE ITS CROSS SECTIONS FOR STRUCTURE AND ATM DETAILS SHEET ITS52.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

NO.	DESCRIPTION	DATE
2	AS-BUILTS - CCO #34	05/01/19
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS68.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

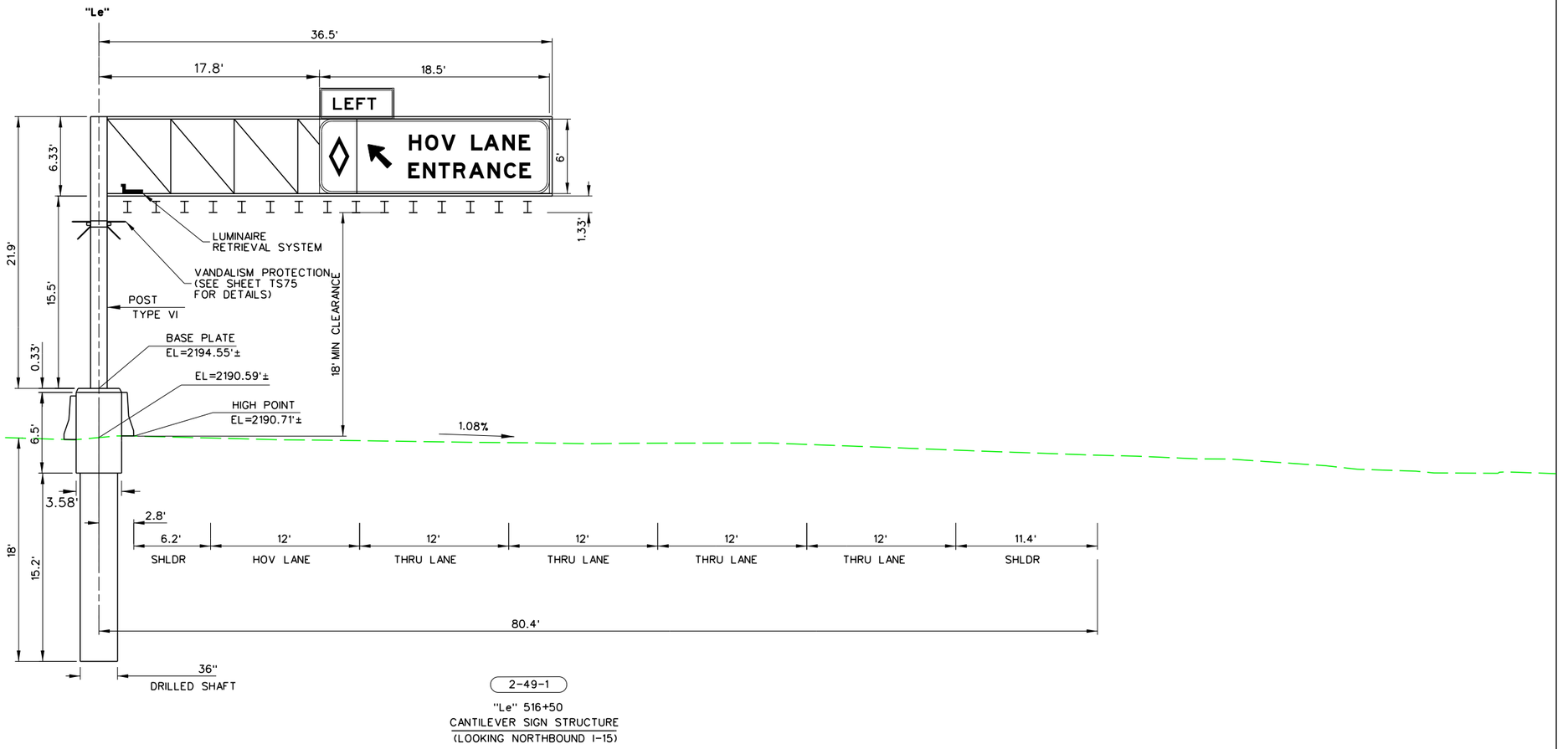
SIGN STRUCTURE DETAIL
"Le" 482+85

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS69



2-49-1

"Le" 516+50
CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (2010) FOR SIGN STRUCTURE DETAILS T-36.1.1 TO T-36.1.12.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS69.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

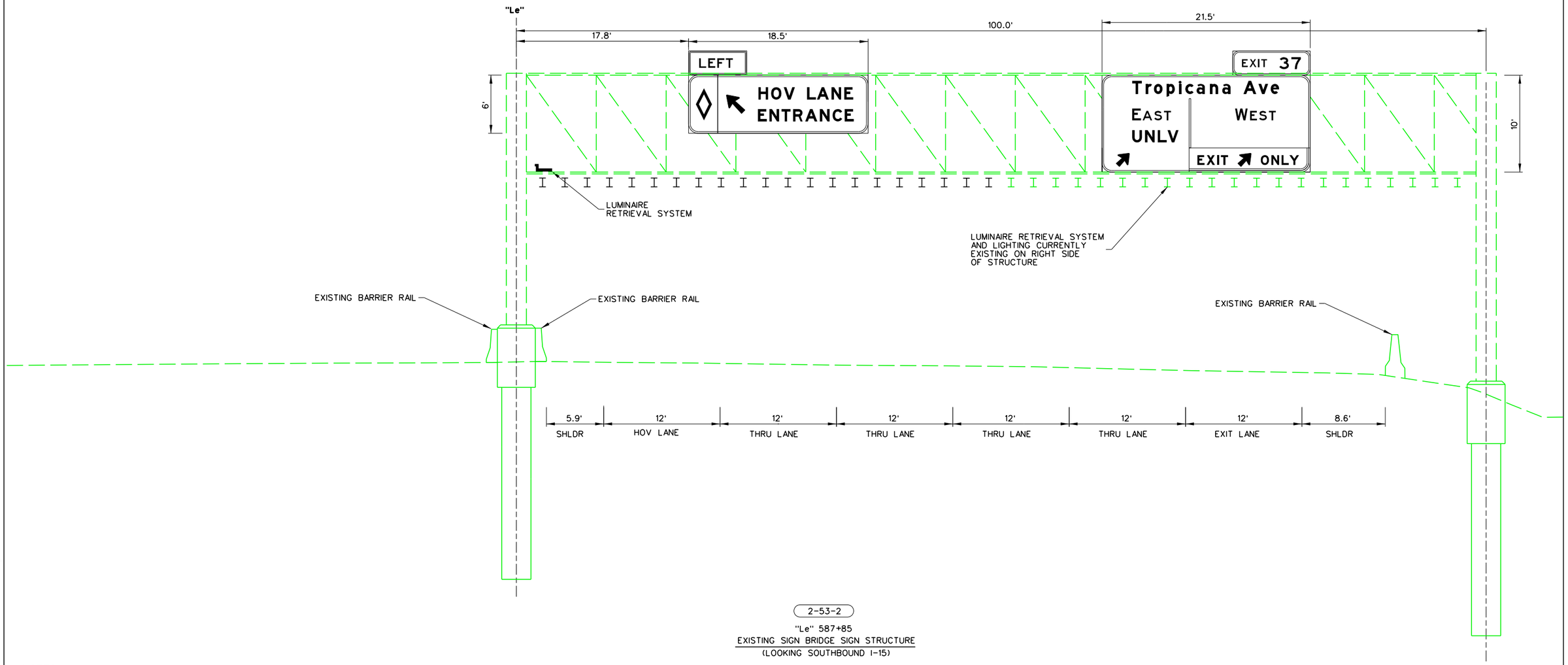
SIGN STRUCTURE DETAIL
"Le" 516+50

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS70



2-53-2

"Le" 587+85
EXISTING SIGN BRIDGE SIGN STRUCTURE
(LOOKING SOUTHBOUND I-15)

NOTES:

1. SEE NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (2010) FOR SIGN STRUCTURE DETAILS T-36.1.1 TO T-36.1.12.
2. CONTRACTOR TO VERIFY DIMENSIONS AND DETAILS OF EXISTING STRUCTURE IN FIELD BEFORE SIGN PANEL INSTALLATION.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS70.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

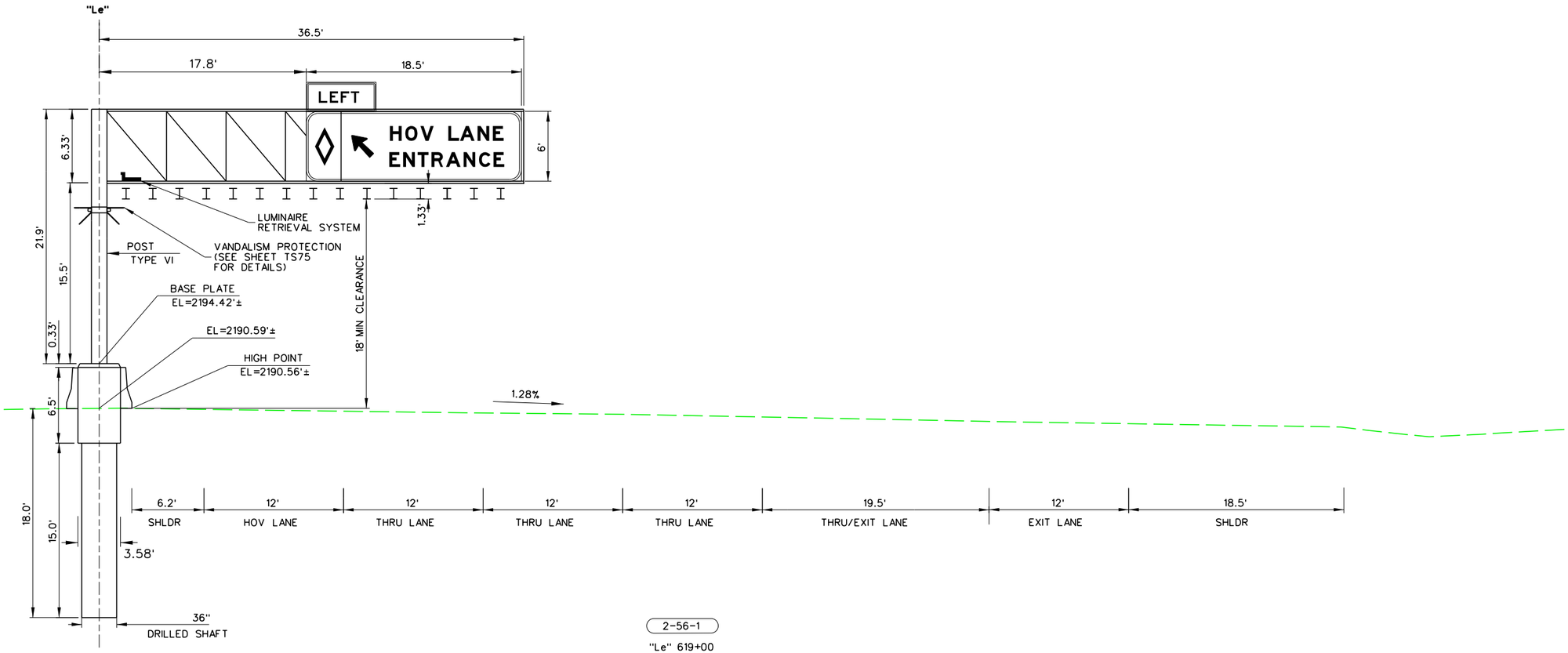
SIGN STRUCTURE DETAIL "Le" 587+85

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS71



2-56-1

"Le" 619+00
CANTILEVER SIGN STRUCTURE
(LOOKING NORTHBOUND I-15)

NOTES:

1. SEE NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (2010) FOR SIGN STRUCTURE DETAILS T-36.1.1 TO T-36.1.12.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS71.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
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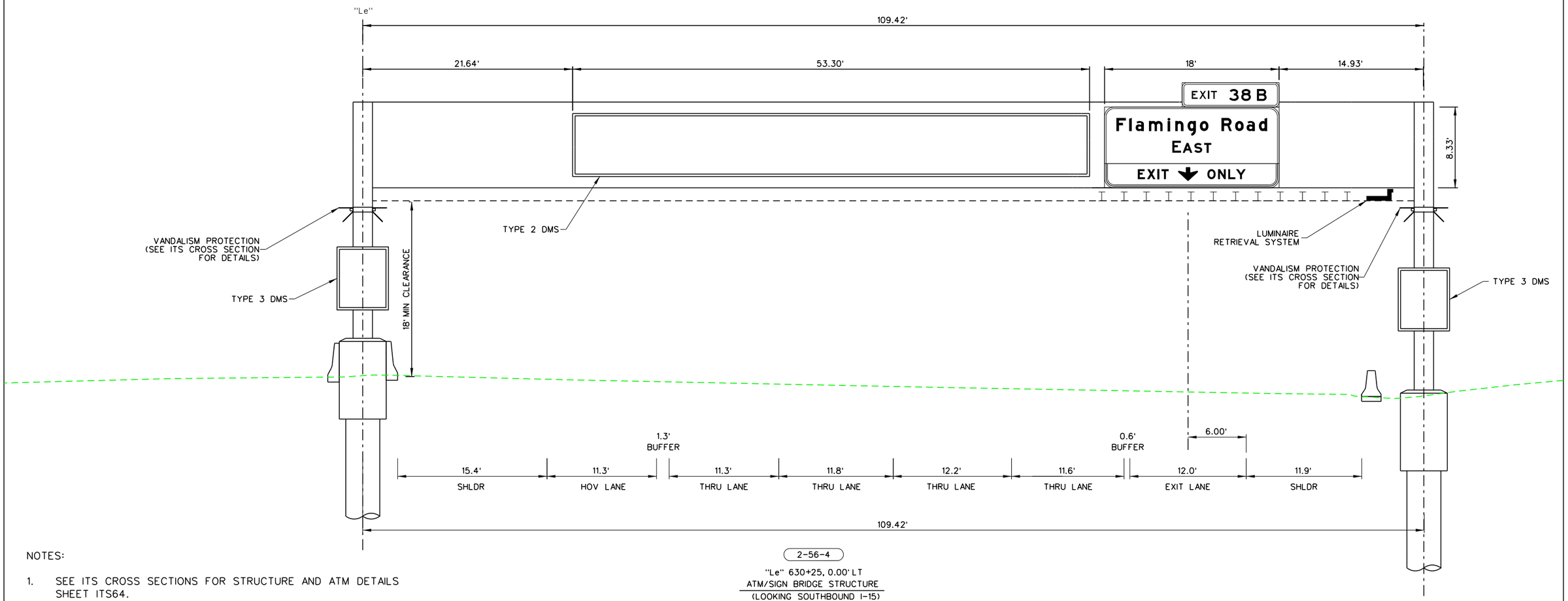
SIGN STRUCTURE DETAIL
"Le" 619+00

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS72



2-56-4

"Le" 630+25, 0.00' LT
ATM/SIGN BRIDGE STRUCTURE
(LOOKING SOUTHBOUND I-15)

NOTES:

1. SEE ITS CROSS SECTIONS FOR STRUCTURE AND ATM DETAILS SHEET ITS64.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS72.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

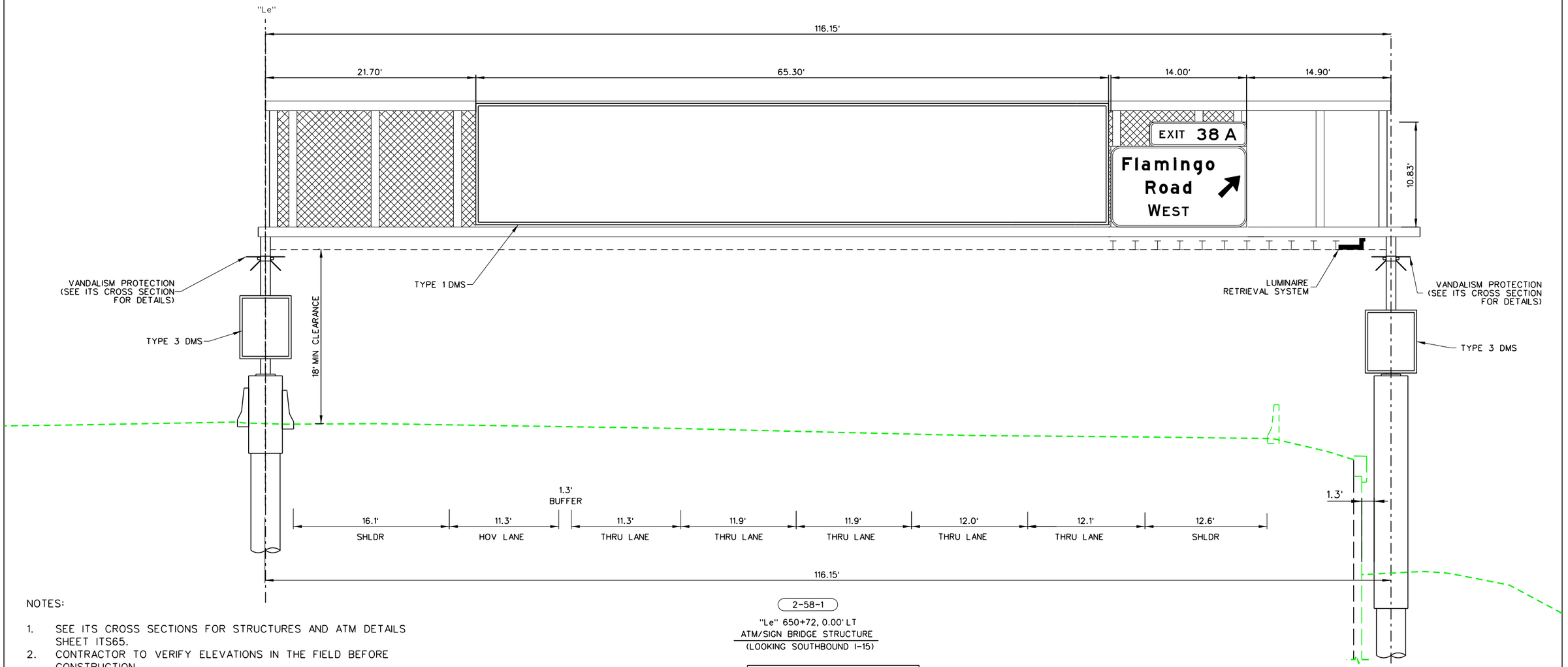
SIGN STRUCTURE DETAIL "Le" 630+25

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS73



NOTES:

1. SEE ITS CROSS SECTIONS FOR STRUCTURES AND ATM DETAILS SHEET ITS65.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

2-58-1

"Le" 650+72, 0.00' LT
ATM/SIGN BRIDGE STRUCTURE
(LOOKING SOUTHBOUND I-15)

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS73.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

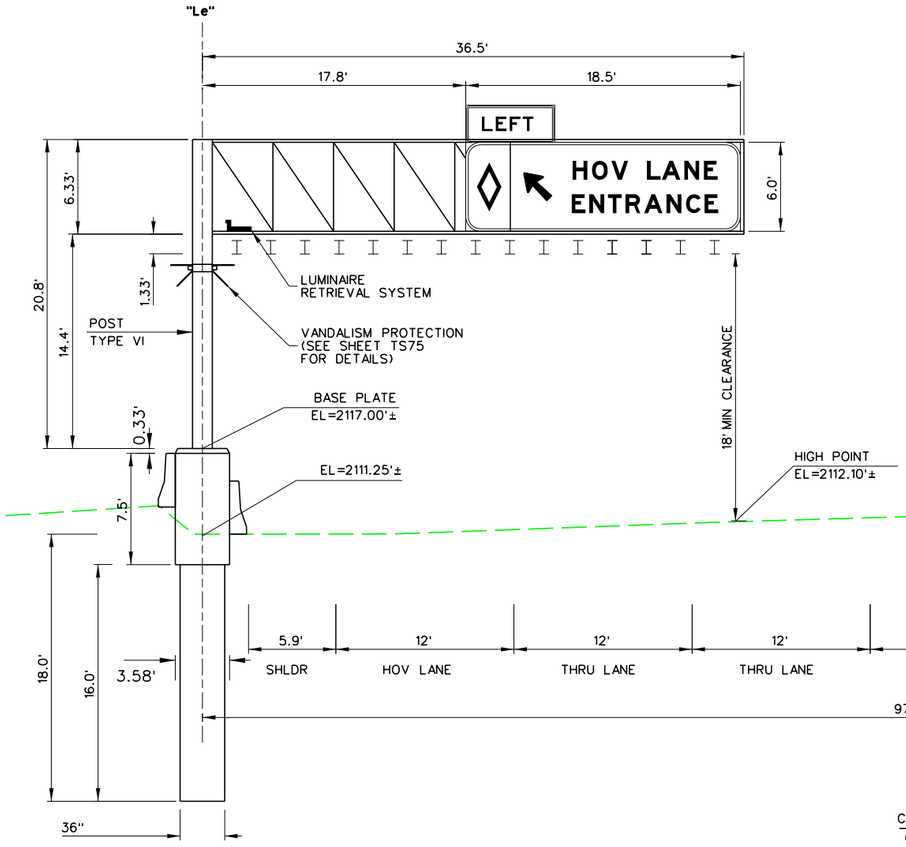
SIGN STRUCTURE DETAIL
"Le" 650+72

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS74





2-60-1

"I-15S" 688+15
CANTILEVER SIGN STRUCTURE
(LOOKING SOUTHBOUND I-15)

NOTES:

1. SEE NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (2010) FOR SIGN STRUCTURE DETAILS T-36.1.1 TO T-36.1.12.
2. CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD BEFORE CONSTRUCTION.
3. LUMINAIRE RETRIEVAL SYSTEM TO BE INSTALLED PER NDOT STANDARD PLAN T-36.1.10.1.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS74.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

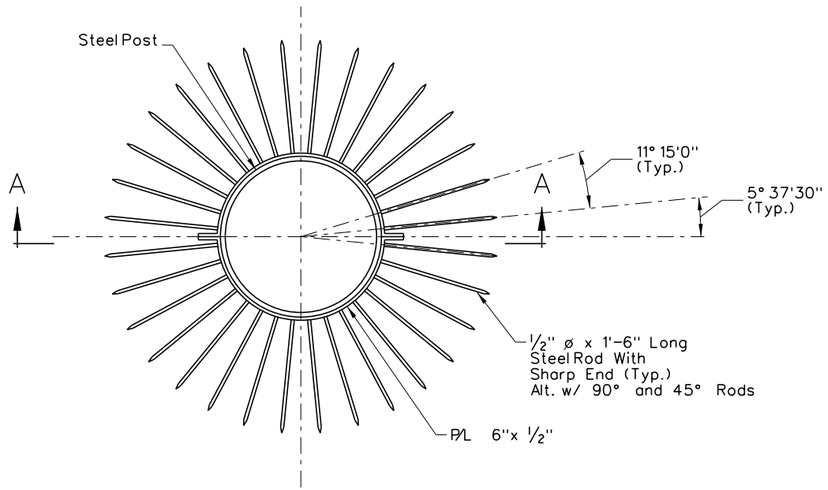
SIGN STRUCTURE DETAIL "I-15S" 688+15

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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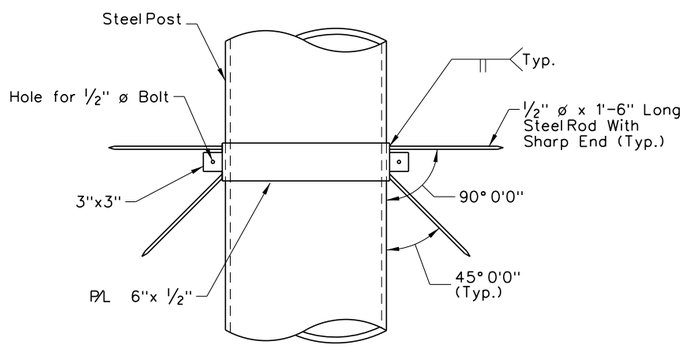
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DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS75



VANDALISM PROTECTION PLAN



SECTION A-A

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS75.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

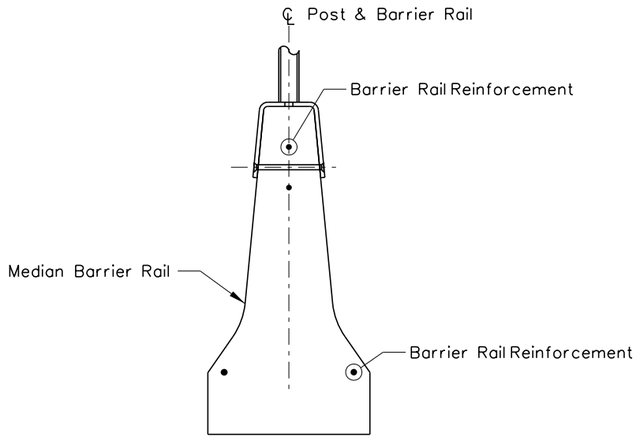
VANDALISM PROTECTION DETAILS

ATKINS
2270 Corporate Circle
Suite 200
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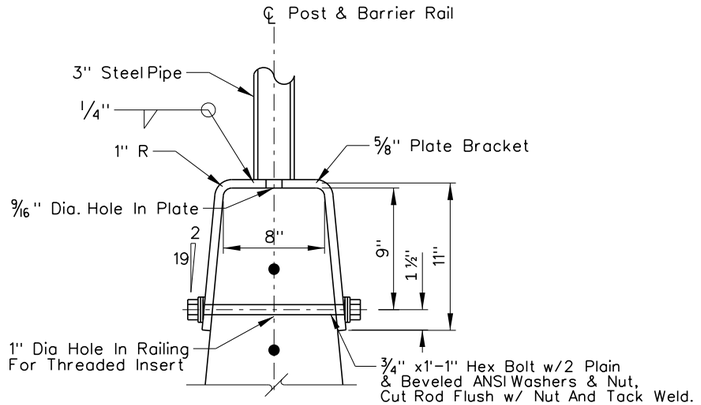
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DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS76

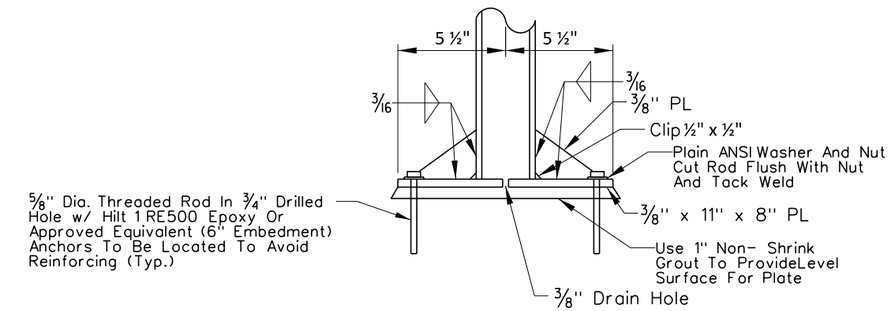


BARRIER RAIL MOUNT DETAIL

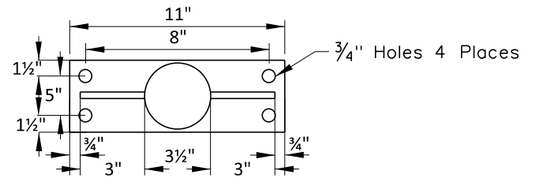


SECTION B-B
BARRIER RAIL TYPE FA

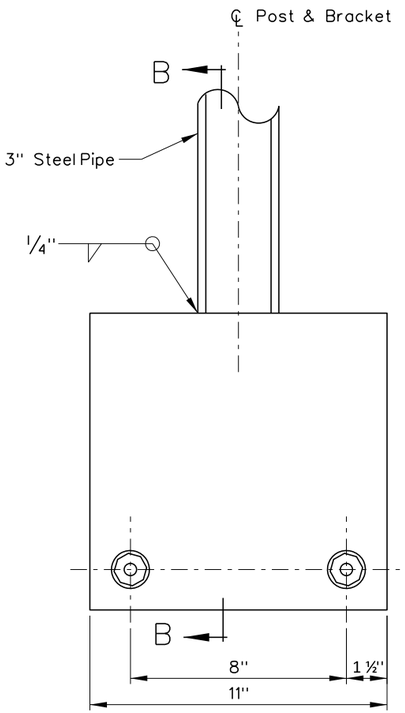
BARRIER RAIL MOUNT DETAIL - FLUSH MOUNT



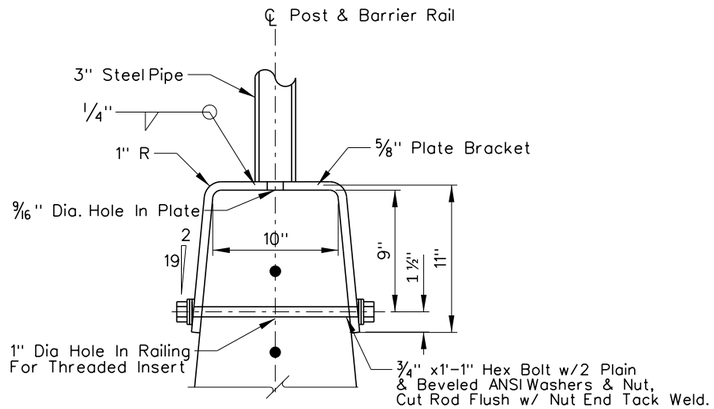
ELEVATION



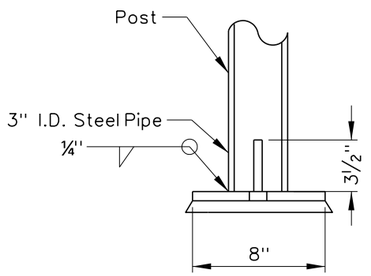
PLAN



ELEVATION



SECTION B-B
BARRIER RAIL TYPE A



END ELEVATION

Notes

1. Except as noted, all parts and hardware shall be galvanized as per section 715 of the Nevada DOT Standard Specifications.
2. Use standard weight pipe conforming to ASTM A53, Grade B, for sign post and sleeve.
3. See NDOT Standards R-8.6.1 and R-8.6.2 for barrier rail and reinforcement details.

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS76.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

BARRIER RAIL MOUNT DETAIL

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DESIGNED BY	CEJ
DRAWN BY	PMV
CHECKED BY	IXW
REVIEWED BY	CL

8/9/2019
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS77

SIGN SUMMARY (REMOVALS)

Bid Item No.	Remarks		Message	Sign Area (Sq ft)	Panel Size (in x in)			Loc.	Sign Station (Approx.)	Removal No.
	CANTILEVER	REMOVE PANEL	EXPRESS / LANES / 1 MILE	108.00	144	X	108	MEDIAN	"Le" 248+33	2-1-1R
	CANTILEVER	REMOVE PANEL	EXPRESS LANES / 1/2 MILE DOWN ARROW / NEXT EXIT SAHARA AVE 8 MILES	200.00	240	X	120	MEDIAN	"Le" 269+98	2-2-1R
	BARRIER RAIL MOUNTED	REMOVE	EXPRESS / LANES / END	24.00	72	X	48	MEDIAN	"Le" 288+71	2-3-1R
	CANTILEVER	REMOVE PANEL	EXPRESS LANES / END / 1/2 MILE	136.50	182	X	108	MEDIAN	"Le" 295+08	2-4-1R
	CANTILEVER	REMOVE PANEL	EXPRESS LANES / ONLY DOWN ARROW / NEXT EXIT SAHARA AVE 7 1/2 MILES	200.00	240	X	120	MEDIAN	"Le" 295+00	2-4-2R
	LIGHT MOUNTED	REMOVE PANEL	ON I-15	4.00	48	X	12	LT	"Le" 421+38	2-12-1R
			SPEED LIMIT 65 MPH	20.00	48	X	60			
	LIGHT MOUNTED	REMOVE PANEL	RIGHT LANE ENDS (SYMBOL)	16.00	48	X	48	RT	"Le" 437+14	2-13-1R
	LIGHT MOUNTED	REMOVE PANEL	LANE ADDED RIGHT (SYMBOL)	16.00	48	X	48	LT	"Le" 445+95	2-14-1R
	LIGHT MOUNTED	REMOVE PANEL	LANE ADDED RIGHT (SYMBOL)	16.00	48	X	48	RT	"Le" 453+15	2-14-2R
	BARRIER RAIL MOUNTED	REMOVE	EXPRESS / LANES / MERGE RIGHT (SYMBOL)	20.00	48	X	60	CENTER	"Le" 463+93	2-15-1R
	CANTILEVER	REMOVE	DMS	249.38	399	X	90	RT	"Le" 461+35	2-15-2R
	CANTILEVER	REMOVE PANEL	EXPRESS LANES / DOWN ARROW ONLY DOWN ARROW	146.67	220	X	96	MEDIAN	"Le" 471+99	2-16-1R
			LEFT	20.00	96	X	30			
			EXPRESS / LANES / ENTRANCE / 1/2 MILE	80.00	120	X	96			
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	RT	"Le" 474+06	2-16-2R
	CANTILEVER	REMOVE	EXIT 36	20.00	96	X	30	RT	"Le" 481+98	2-16-3R
			TROPICANA AVE / FRANK SINATRA DR / EXIT DOWN ARROW ONLY	121.33	182	X	96			
	CANTILEVER	REMOVE	AIRPORT I-215 1/2 / BLUE DIAMOND RD 2 1/2 / SILVERADO RANCH 4	153.00	204	X	108	MEDIAN	"Le" 491+12	2-17-1R

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS77.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

REMOVAL SIGN SUMMARY

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS78

SIGN SUMMARY (REMOVALS)

Bid Item No.	Remarks		Message	Sign Area (Sq ft)	Panel Size (in x in)			Loc.	Sign Station (Approx.)	Removal No.
	CANTILEVER	REMOVE	DMS	249.38	399	X	90	LT	"Le" 495+60	2-17-2R
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	LT	"Le" 512+48	2-18-1R
	CANTILEVER	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	MEDIAN	"Le" 512+50	2-18-2R
			SPEED LIMIT 65 MPH	20.00	48	X	60			
			EXPRESS LANES / NEXT EXIT / SAHARA AVE / 4 MILES	126.00	168	X	108			
			LEFT	20.00	96	X	30			
			EXPRESS / LANES / ENTRANCE / 135 DEG ARROW	108.00	144	X	108			
	BARRIER RAIL MOUNTED	REMOVE	RIGHT LANE ENDS (SYMBOL)	16.00	48	X	48	RT	"Le" 555+07	2-21-1R
	BARRIER RAIL MOUNTED	REMOVE	LOW CLEARANCE (15'-10")	16.00	48	X	48	MEDIAN	"Le" 558+50	2-21-2R
	BARRIER RAIL MOUNTED	REMOVE	LOW CLEARANCE (15'-10")	16.00	48	X	48	RT	"Le" 558+52	2-21-3R
	BARRIER RAIL MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	RT	"Le" 570+10	2-22-1R
	CANTILEVER	REMOVE	EXPRESS LANES / DOWN ARROW ONLY DOWN ARROW	126.00	168	X	108	MEDIAN	"Le" 575+99	2-23-1R
			EXPRESS LANES / NEXT EXIT / ST ROSE PKWY / 6 MILES	126.00	168	X	108			
	CANTILEVER	REMOVE	EXPRESS LANES EXIT / I-215 EAST HWY215 WEST 45 DEG ARROW	160.00	240	X	96	MEDIAN	"Le" 584+99	2-23-2R
	BARRIER RAIL MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	LT	"Le" 603+48	2-24-1R
	SIGN BRIDGE	REMOVE DMS	DMS	249.38	399	X	90	RT	"Le" 591+20	2-24-2R
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	RT	"Le" 594+32	2-24-3R
	GROUND MOUNTED	REMOVE	THRU / TRAFFIC / MERGE / LEFT	16.00	48	X	48	RIGHT	"Le" 611+00	2-25-1R
	GROUND MOUNTED	REMOVE	LANE ADDED RIGHT (SYMBOL)	16.00	48	X	48	LT	"Le" 612+94	2-25-2R

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS78.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

REMOVAL SIGN SUMMARY

ATKINS
2270 Corporate Circle
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Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS79

SIGN SUMMARY (REMOVALS)

Bid Item No.	Remarks		Message	Sign Area (Sq ft)	Panel Size (in x in)			Loc.	Sign Station (Approx.)	Removal No.
	CANTILEVER	REMOVE	EXIT 38B	23.75	114	X	30	LT	"Le" 634+00	2-27-1R
			FLAMINGO ROAD EAST / EXIT DOWN ARROW ONLY	112.00	168	X	96			
			THRU / TRAFFIC / MERGE / LEFT	16.00	48	X	48			
	BARRIER RAIL MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	MEDIAN	"Le" 648+25	2-27-2R
			SPEED LIMIT 65 MPH	20.00	48	X	60			
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	LT	"Le" 648+57	2-27-3R
	GROUND MOUNTED	REMOVE	RIGHT LANE ENDS	16.00	48	X	48	RT	"Le" 639+95	2-27-4R
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	RT	"Le" 647+71	2-27-5R
	CANTILEVER	REMOVE	EXIT 38B	23.75	114	X	30	LT	"Le" 650+59	2-28-1R
			FLAMINGO ROAD / EAST / EXIT 1/2 MILE	153.00	204	X	108			
			EXIT 38A	23.75	114	X	30			
			FLAMINGO ROAD / WEST 45 DEG ARROW	153.00	204	X	108			
			SPONSOR A HIGHWAY	10.67	48	X	32			
	GROUND MOUNTED	REMOVE	D.R.I.	18.75	90	X	30	LT	"Le" 660+55	2-28-2R
			UNIV. OF NEVADA / LAS VEGAS / EXIT 38B	112.00	192	X	84			
	CANTILEVER	REMOVE	EXPRESS LANES / END / 1/2 MILE	112.00	168	X	96	MEDIAN	"Le" 662+00	2-28-3R
	BARRIER RAIL MOUNTED	REMOVE	EXPRESS / LANES / END	24.00	72	X	48	MEDIAN	"I-15S" 687+64	2-30-1R
	BARRIER RAIL MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	MEDIAN	"I-15S" 690+72	2-30-2R
	GROUND MOUNTED	REMOVE	SPEED LIMIT 65 MPH	20.00	48	X	60	RT	"I-15S" 692+24	2-30-3R

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NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS79.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

REMOVAL SIGN SUMMARY

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2270 Corporate Circle
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Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS80

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST Length (ft) Inner	POST Length (ft) Outer	POST No.	POST Type and Size (in)	Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
	MOUNT PANEL ON EXISTING CANTILEVER STRUCTURE							HOV 2+ / LANE / 1 MILE	42.50	102	x	60	R3-15	MEDIAN	"Le" 248+33	2-31-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		HOV / LANE / ENDS	28.00	48	x	84	R3-12a	MEDIAN	"Le" 273+00	2-32-1
	MOUNT PANEL ON EXISTING CANTILEVER STRUCTURE							HOV 2+ / LANE / 1/2 / MILE / DOWN ARROW	49.58	102	x	70	R3-15a(mod)	MEDIAN	"Le" 269+98	2-32-2
	MOUNT PANEL ON EXISTING CANTILEVER STRUCTURE							HOV 2+ / LANE ENDS / 1/2 MILE / DOWN ARROW	64.17	132	x	70	R3-15a(mod)	MEDIAN	"Le" 295+08	2-34-1
	MOUNT PANEL ON EXISTING CANTILEVER STRUCTURE							HOV 2+ / ONLY / 24 HOUR / DOWN ARROW	110.00	144	x	110	R3-14	MEDIAN	"Le" 295+00	2-34-2
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 307+98	2-35-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 320+98	2-36-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 360+81	2-38-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 374+11	2-39-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS80.DGN	12/20/16

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DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT SIGN SUMMARY

ATKINS
2270 Corporate Circle
Suite 200
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Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY JSW
DRAWN BY BEB
CHECKED BY JRY
REVIEWED BY ND

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS81

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST Length (ft) Inner	POST Length (ft) Outer	POST No.	POST Type and Size (in)	Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 413+54	2-42-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le"426+46	2-43-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	LIGHT POLE MOUNTED					7'		LANE ADDED RIGHT (SYMBOL)	16.00	48	x	48	W4-3R	LT	"Le" 447+70	2-44-1
	LIGHT POLE MOUNTED					7'		RIGHT LANE ENDS (SYMBOL)	16.00	48	x	48	W4-2R	LT	"Le" 451+70	2-44-2
	LIGHT POLE MOUNTED					7'		RIGHT / LANE / ENDS	16.00	48	x	48	W9-1	LT	"Le" 453+70	2-44-3
	LIGHT POLE MOUNTED					7'		LANE ADDED RIGHT (SYMBOL)	16.00	48	x	48	W4-3R	RT	"Le" 451+16	2-44-4
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 466+60	2-45-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	LT	"Le" 472+30	2-46-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 479+62	2-46-2
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS81.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT SIGN SUMMARY

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CHECKED BY	JRY
REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS82

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST				Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
		Length (ft)		No.	Type and Size (in)											
		Inner	Outer													
	MOUNT PANEL ON EXISTING CANTILEVER STRUCTURE							LEFT	15.00	72	x	30	E1-5aP	MEDIAN	"Le" 471+99	2-46-3
								HOV / LANE / ENTRANCE / 1/2 MILE	124.00	186	x	96	E8-3			
	MOUNT ON STRUCTURE POST					7'		TO / FLAMINGO / SPRING MTN / 1/2 MILE	32.50	60	x	78	E8-6			
	MOUNT ON ATM STRUCTURE							EXIT 36	21.25	102	x	30	E1-5P	RT	"Le" 482+85	2-46-4
								TROPICANA AVE / FRANK SINATRA DR / EXIT DOWN ARROW ONLY	175.00	252	x	100	SPECIAL			
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	LT	"Le" 491+30	2-47-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		TO / FLAMINGO / SPRING MTN / 45 DEG ARROW	35.00	60	x	84	E8-5	MEDIAN	"Le" 502+00	2-48-1
	CANTILEVER STRUCTURE							LEFT	15.00	72	x	30	E1-5aP	MEDIAN	"Le" 516+50	2-49-1
								HOV LANE / ENTRANCE / 135 DEG ARROW	111.00	222	x	72	E8-2			
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 519+20	2-49-2
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	LT	"Le" 535+25	2-50-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 532+14	2-50-2
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	RT	"Le" 534+95	2-50-3
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	LT	"Le" 559+07	2-51-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		RIGHT LANE ENDS (SYMBOL)	16.00	48	x	48	W4-2R	RT	"Le" 555+09	2-51-2

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS82.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT SIGN SUMMARY

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REVIEWED BY	ND

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS83

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST				Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
		Length (ft)		No.	Type and Size (in)											
		Inner	Outer													
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	RT	"Le" 558+92	2-51-3
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		LOW CLEARANCE (15'-10")	16.00	48	x	48	W12-2	MEDIAN	"Le" 561+00	2-51-4
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		LOW CLEARANCE (15'-10")	16.00	48	x	48	W12-2	RT	"Le" 561+00	2-51-5
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 572+00	2-52-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		TO / SAHARA / 1/2 MILE	22.00	48	x	66	E8-6	MEDIAN	"Le" 578+40	2-53-1
	MOUNT PANELS ON EXISTING SIGN BRIDGE STRUCTURE							LEFT	15.00	72	x	30	E1-5aP	LT	"Le" 587+85	2-53-2
								HOV LANE ENTRANCE / 135 DEG ARROW	111.00	222	x	72	E8-2			
								EXIT 37	21.25	102	x	30	E1-5P			
								TROPICANA AVE / EAST UNLV / WEST / 45 DEG ARROW / EXIT 45 DEG ARROW ONLY	215.00	258	x	120	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		TO / RUSSELL / I-215 / 45 DEG ARROW	32.00	48	x	96	E8-5 W/SHIELD	MEDIAN	"Le" 596+50	2-54-1
	GROUND MOUNTED	13'-1"		1	C-RD, METAL NPS 3	7'	18.18%	RIGHT LANE / MUST / EXIT	24.75	66	x	54	RNV4-1	RT	"Le" 601+59	2-54-2
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		TO / SAHARA / 45 DEG ARROW	24.00	48	x	72	E8-5	MEDIAN	"Le" 607+03	2-55-1
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		THRU-RIGHT / RIGHT ONLY	9.00	36	x	36	R3-8	RT	"Le" 609+76	2-55-2
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	RT	"Le" 611+00	2-55-3
	GROUND MOUNTED	14'-0"		1	C-RD, METAL NPS 3	7'	7.81%	LANE ADDED RIGHT (SYMBOL)	16.00	48	x	48	W4-3R	LT	"Le" 612+17	2-55-4
	CANTILEVER STRUCTURE							LEFT	15.00	72	x	30	E1-5aP	MEDIAN	"Le" 619+00	2-56-1
								HOV LANE ENTRANCE / 135 DEG ARROW	111.00	222	x	72	E8-2			

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS83.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT SIGN SUMMARY

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS84

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST Length (ft) Inner	POST Length (ft) Outer	POST No.	POST Type and Size (in)	Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		TO / RUSSELL / I-215 / 1/2 MILE	30.00	48	x	90	E8-6 W/SHIELD	MEDIAN	"Le" 623+00	2-56-2
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 624+78	2-56-3
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	MOUNT ON ATM STRUCTURE							EXIT 38B	25.00	120	x	30	E1-5P	LT	"Le" 630+25	2-56-4
								FLAMINGO ROAD / EAST / EXIT DOWN ARROW ONLY	150.00	216	x	100	SPECIAL			
	GROUND MOUNTED	12'-0"		1	C-RD, METAL NPS 3	7'	4.98%	RIGHT LANE / MUST / EXIT	24.75	66	x	54	RNV4-1	LT	"Le" 632+97	2-56-5
	GROUND MOUNTED	13'-0"		1	C-RD, METAL NPS 3	7'	6.26%	RIGHT LANE ENDS (SYMBOL)	16.00	48	x	48	W4-2R	RT	"Le" 632+15	2-56-6
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"Le" 638+03	2-57-1
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	MOUNT ON ATM STRUCTURE							ON I-15	6.00	48	x	18	SPECIAL	RT	"Le" 640+08	2-57-2
	MOUNT ON ATM STRUCTURE							EXIT 38A	25.00	120	x	30	E1-5P	LT	"Le" 650+72	2-58-1
								FLAMINGO / ROAD / WEST / 45 DEG ARROW	116.67	168	x	100	SPECIAL			
	GROUND MOUNTED POST	14'-5"	17'-0"	2	E-RD, METAL NPS 3	7'	7.67%	EXIT 38B	25.00	120	x	30	E1-5P	LT	"Le" 660+55	2-58-2
	BRACE	15'-1"	15'-1"	2				FLAMINGO ROAD / EAST / EXIT 3/4 MILE	112.50	180	x	90	SPECIAL			
	*BARRIER RAIL MOUNTED			1	SPECIAL	7'		SPONSOR A HIGHWAY	17.50	60	x	42	GNV29-1	LT	"Le" 653+22	2-58-3

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
1	FINAL	03/10/17
0	RFC - 73652-S2-01-ATK-SHT18TS84.DGN	12/20/16

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

PERMANENT SIGN SUMMARY

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S2-01	TS85

SIGN SUMMARY (INSTALLATION)

Bid Item No.	Remarks	POST				Mounting Height (ft) MAJOR/SEC	Slope or Curb & Gutter	Message	Sign Area (Sq. ft.)	Panel Size (in x in)			Sign No.	Loc.	Sign Station	Inst No.
		Length (ft)		No.	Type and Size (in)											
		Inner	Outer													
	GROUND MOUNTED POST	13'-9"	13'-11"	2	E-RD, METAL NPS 3	7'	2.17%	D.R.I.	18.75	90	X	30	SPECIAL	LT	"Le" 670+50	2-59-1
	BRACE	13'-6"	13'-6"	2				UNIV. OF NEVADA / LAS VEGAS / EXIT 38B	114.67	192	X	86				
	*BARRIER RAIL MOUNTED			1	SPECIAL	5'		LEFT / LANE / HOV 2+ ONLY / 2 OR MORE / PERSONS / PER VEHICLE	17.50	42	x	60	SPECIAL	MEDIAN	"I-15S" 677+55	2-59-2
								MOTORCYCLES / EMERGENCY / VEHICLES / OK	10.50	42	x	36	SPECIAL			
								NO TRUCKS	3.50	42	x	12	SPECIAL			
								LEFT / LANE / HOV 2+ / ONLY / 24 HOURS	17.50	42	x	60	SPECIAL			
								VIOLATION / $250 / FINE	6.00	36	x	24	SPECIAL			
	CANTILEVER STRUCTURE							LEFT	15.00	72	x	30	E1-5aP	MEDIAN	"I-15S" 688+15	2-60-1
								HOV LANE / ENTRANCE / 135 DEG ARROW	111.00	222	x	72	E8-2			

* SEE TS76 FOR BARRIER RAIL MOUNT DETAIL

NO.	DESCRIPTION	DATE
0	FINAL - 73652-S2-01-ATK-SHT18TS85.DGN	03/10/17

DESIGN UNIT S2-01

AS-BUILT DRAWING

MAY 01, 2019

STATE OF NEVADA
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