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/ RECORD DRAWINGS

LEAD ENGINEER _____, DATE 7/1/2016
JIM DODSON, P.E.

DESIGN QUALITY MANAGER _____, DATE 7/1/2016
ROGER PHILIPPI, 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	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	1

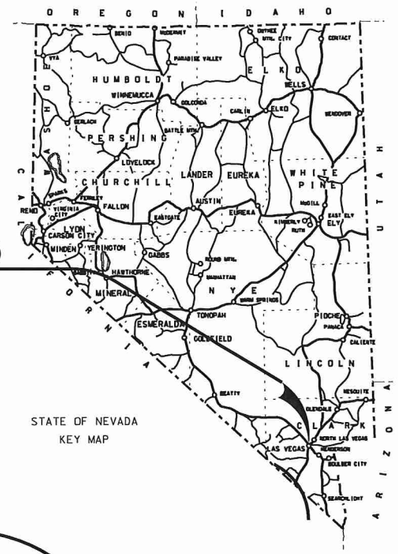
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

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 S4-10
LOCAL ROADWAYS PHASE 1 MOT

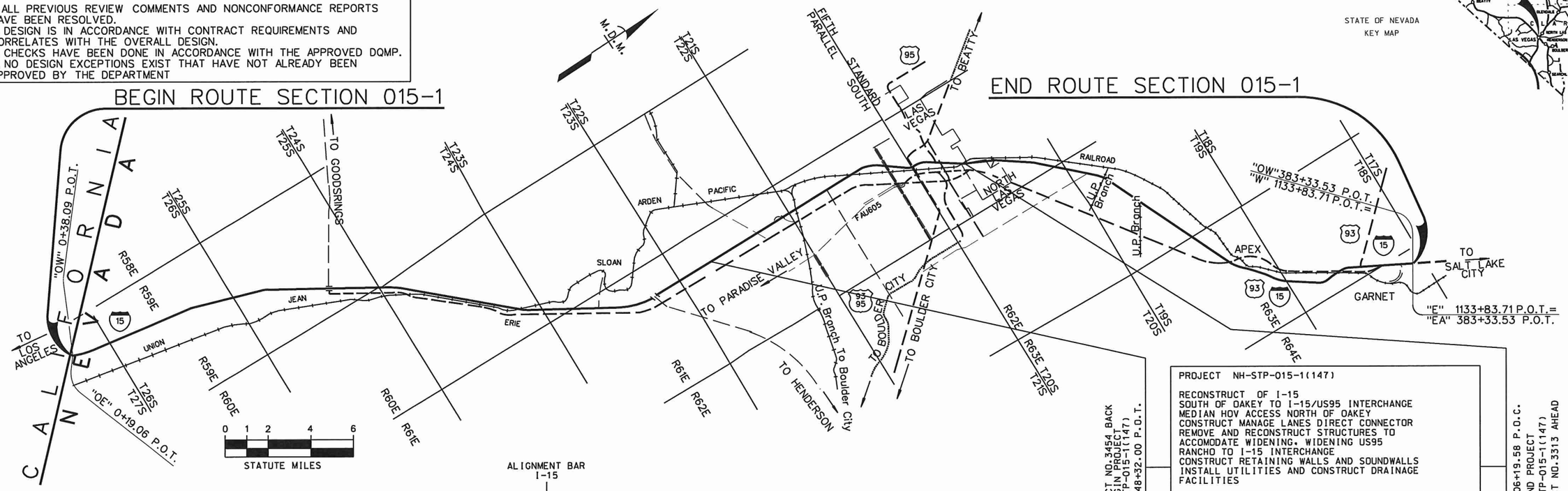
PROJECT NH-STP-015-1(147)
IR15-CL 31.29 TO CL 43.75



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" 705+21.62 P.O.C.=	
11.44' LT "MS" 705+44.66 P.O.B.	
"Le" 705+26.00 P.O.C.=	
24.57' 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.	
"MN" 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
RUDY MALFABON, P.E.

GOVERNOR BRIAN SANDOVAL
CHAIRMAN, TRANSPORTATION BOARD

7/1/2016
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC1

SUMMARY OF CONSTRUCTION SIGNS AND DEVICES

TRAFFIC CONTROL DEVICES		PANEL SIZE (IN X IN)			SQFT EACH												NO. OF SIGNS	USE TOTAL (SQFT)
SIGN NO.	MESSAGE					PHASE 1A STAGE 1	PHASE 1A STAGE 2A	PHASE 1A STAGE 2B	PHASE 1A STAGE 3A	PHASE 1A STAGE 3B	PHASE 1B STAGE 1	PHASE 1B STAGE 2	PHASE 1B STAGE 3	PHASE 1B STAGE 4	PHASE 1C STAGE 1	PHASE 1C STAGE 2		
M1-1	INTERSTATE 15	24	X	24	4.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
M4-8	DETOUR	24	X	12	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
M4-8a	END DETOUR	24	X	18	3.0	6	0	0	0	0	10	0	0	0	2	0	10	30.0
M4-9L	DETOUR (LEFT)	30	X	24	5.0	9	0	0	0	0	16	0	0	0	3	0	16	80.0
M4-9R	DETOUR (RIGHT)	30	X	24	5.0	10	0	0	0	0	15	0	0	0	3	0	15	75.0
R1-1	STOP	24	X	24	4.0	1	3	1	3	3	1	2	0	0	0	0	3	12.0
R1-2	YIELD	36	X	36	9.0	0	0	0	1	1	0	0	0	0	0	1	1	9.0
R3-2	NO LEFT TURN	36	X	36	9.0	0	0	0	0	0	3	2	0	0	0	0	3	27.0
R3-5R	RIGHT TURN ONLY	36	X	30	7.5	0	1	1	1	1		0	0	0	0	0	1	7.5
R3-7R	RIGHT LANE MUST TURN RIGHT	30	X	30	6.3	0	0	0	0	0	1	0	0	0	0	0	1	6.3
R3-7L	LEFT LANE MUST TURN LEFT	30	X	30	6.3	0	0	0	0	0	4	2	0	0	0	0	4	25.0
R4-7a	KEEP RIGHT	24	X	30	5.0	0	0	0	0	0	1	0	0	1	0	0	1	5.0
R4-9	STAY IN LANE	48	X	60	20.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
R9-8	PEDESTRIAN CROSSWALK	36	X	18	4.5	0	0	0	0	0	0	0	0	0	0	0	0	0.0
R9-9	SIDEWALK CLOSED	30	X	18	3.8	1	2	2	5	5	6	3	0	2	0	0	6	22.5
R9-10	SIDEWALK CLOSED USE OTHER SIDE	48	X	24	8.0	4	2	0	0	0	5	0	0	0	1	1	5	40.0
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	48	X	36	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
R9-11a	SIDEWALK CLOSED CROSS HERE	48	X	24	8.0	5	4	2	5	5	11	3	0	2	1	1	11	88.0
R11-2	ROAD CLOSED	48	X	30	10.0	11	3	0	1	1	12	7	0	0	2	1	12	120.0
R11-4	ROAD CLOSED TO THRU TRAFFIC	60	X	30	12.5	4	0	0	0	0	5	0	0	0	2	0	5	62.5
TS-1	SYMPHONY PK AVE	48	X	12	4.0	8	0	0	0	0	0	0	0	0	0	0	8	32.0
TS-2	ALTA DR/BONNEVILLE AVE	48	X	12	4.0	13	0	0	0	0	13	0	0	0	0	0	13	52.0
TS-3	CHARLESTON BLVD	48	X	12	4.0	12	0	0	0	0	12	0	0	0	0	0	12	48.0
TS-4	OAKEY BLVD	48	X	12	4.0	0	0	0	0	0	12	0	0	0	12	0	12	48.0
TS-5	MLK BLVD	48	X	12	4.0	0	0	0	0	0	11	0	0	0	0	0	11	44.0
TS-6	PINTO LN	48	X	12	4.0	0	0	0	0	0	8	0	0	0	0	0	8	32.0
W1-4R	REVERSE CURVE (RIGHT)	48	X	48	16.0	0	0	0	0	0	0	2	0	0	0	0	2	32.0
W1-4L	REVERSE CURVE (LEFT)	48	X	48	16.0	0	0	0	0	0	0	1	0	2	0	0	2	32.0
W1-4bR	TWO LANES REVERSE CURVE RIGHT	48	X	48	16.0	0	0	0	0	0	1	0	5	3	0	0	5	80.0
W1-4bL	TWO LANES REVERSE CURVE LEFT	48	X	48	16.0	0	0	0	0	0	3	4	5	4	0	0	5	80.0
W1-6R	RIGHT	48	X	24	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W1-6L	LEFT	48	X	24	8.0	1	0	0	0	0	0	1	0	0	1	0	1	8.0
W4-1R	MERGE	48	X	24	8.0	3	0	0	0	0	3	4	2	4	1	0	4	32.0
W4-2R	RIGHT LANE ENDS	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W4-2L	LEFT LANE ENDS	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W4-3R	ADDED LANE	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W9-2R	LANE ENDS MERGE RIGHT	48	X	48	16.0	0	0	0	0	0	0	1	0	0	0	1	1	16.0
W9-2L	LANE ENDS MERGE LEFT	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W11-2	PEDESTRIAN	36	X	36	9.0	5	4	2	5	5	11	3	0	2	1	1	11	99.0
W12-1	DOUBLE ARROW	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W13-5	ADVISORY CURVE SPEED PLATE	48	X	60	20.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W16-7pR	DIAGONAL DOWNWARD ARROW RIGHT	24	X	12	2.0	5	4	2	5	5	9	2	3	4	1	1	9	18.0
W16-7pL	DIAGONAL DOWNWARD ARROW LEFT	24	X	12	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W16-9p	AHEAD	24	X	12	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC01	7/1/16

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PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN MATRIX
SEGMENT 4 LOCAL ROADS

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

DESIGNED BY SD
DRAWN BY SD
CHECKED BY MM
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC2

SUMMARY OF CONSTRUCTION SIGNS AND DEVICES

TRAFFIC CONTROL DEVICES		PANEL SIZE (IN X IN)			SQFT EACH											NO. OF SIGNS	USE TOTAL (SQFT)
SIGN NO.	MESSAGE					PHASE 1A STAGE 1	PHASE 1A STAGE 2A	PHASE 1A STAGE 2B	PHASE 1A STAGE 3A	PHASE 1A STAGE 3B	PHASE 1B STAGE 1	PHASE 1B STAGE 2	PHASE 1B STAGE 3	PHASE 1B STAGE 4	PHASE 1C STAGE 1	PHASE 1C STAGE 2		
W20-1	ROAD WORK AHEAD	48	X	48	16.0	22	14	14	17	17	27	26	16	26	13	13	27	432.0
W20-2	DETOUR AHEAD	48	X	48	16.0	4	0	0	0	0	4	0	0	0	2	0	4	64.0
W20-3	ROAD CLOSED AHEAD	36	X	36	9.0	4	0	0	0	0	4	0	0	0	2	0	4	36.0
W20-5C	CENTER LANE CLOSED AHEAD	48	X	48	16.0	1	2	2	5	5	4	0	0	0	0	0	5	80.0
W20-5R	RIGHT LANE CLOSED AHEAD	48	X	48	16.0	2	0	0	0	0	2	4	2	4	0	0	4	64.0
W20-5L	LEFT LANE CLOSED AHEAD	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W24-1	DOUBLE REVERSE CURVE	48	X	48	16.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WNV16-2	BEGIN WORK ZONE	48	X	24	8.0	14	12	12	12	12	14	16	14	16	12	12	16	128.0
WNV16-3	END WORK ZONE	48	X	24	8.0	13	11	11	11	11	13	15	13	15	11	11	15	120.0
WNV17-1	DOUBLE PENALTY IN WORK ZONES	48	X	48	16.0	3	1	1	1	1	3	5	3	5	1	1	5	80.0
WNV19-2R	BUSINESS ACCESS RIGHT	42	X	42	12.3	0	0	0	2	2	0	0	0	0	0	0	2	24.5
WNV19-2L	BUSINESS ACCESS LEFT	42	X	42	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WNV20-1	DETOUR (STRAIGHT)	30	X	24	5.0	8	0	0	0	0	17	0	0	0	6	0	17	85.0
WNV21-1L	LEFT TURN LANE FOLLOW ARROW	30	X	48	10.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
																	297	2377.0

BID ITEM	ITEM DESCRIPTION	UNIT	PHASE 1A STAGE 1	PHASE 1A STAGE 2A	PHASE 1A STAGE 2B	PHASE 1A STAGE 3A	PHASE 1A STAGE 3B	PHASE 1B STAGE 1	PHASE 1B STAGE 2	PHASE 1B STAGE 3	PHASE 1B STAGE 4	PHASE 1C STAGE 1	PHASE 1C STAGE 2	USE TOTAL
	REMOVE PAINTED TRAFFIC LINE	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	RENT CONSTRUCTION BARRICADES (TYPE IIIB)	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	RENT CHANGEABLE MESSAGE SIGN	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	RENT ARROW BOARD (TYPE C)	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	RENT PORTABLE PRECAST CONCRETE BARRIER RAIL	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	RENT TRAFFIC DRUMS	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	RENT TEMPORARY IMPACT ATTENUATOR (35 MPH)	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	RENT TEMPORARY IMPACT ATTENUATOR (65 MPH)	EACH	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (4-INCH SOLID YELLOW)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (4-IN DBL SOLID YELLOW)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (4-INCH SOLID WHITE)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (4-INCH BROKEN WHITE)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (4-INCH DOTTED WHITE)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (8-INCH SOLID WHITE)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0
	TYPE I TEMP STRIPING TAPE (12-INCH SOLID WHITE)	LINFT	0	0	0	0	0	0	0	0	0	0	0	0

TCP GENERAL NOTES

1. SIGN LOCATIONS AS SHOWN ARE APPROXIMATE AND FIELD ADJUSTMENTS MAY BE REQUIRED.
2. SIGN SPACING SHALL COMPLY WITH NDOT STANDARDS T-35.1.1 THRU T-35.1.17.
3. FOR CROSS STREETS WITHIN THE PROJECT AREA NOT SHOWN ON THE ADVANCED SIGNING SHEET, PLACE ROAD WORK AHEAD SIGNS 100' FROM THE INTERSECTION.
4. A CHANGEABLE MESSAGE SIGN SHALL BE PLACED PRIOR TO CONSTRUCTION ON EACH ROADWAY WITH ACTIVE WORKZONE.
5. USE 36"x36" SIGNS ON LOCAL ROADWAYS WITH SPEEDS LESS THAN 45 MPH.
6. SEE CW-13 ITS RELOCATION PLANS FOR INFRASTRUCTURE TO BE PROTECTED IN-PLACE FOR EACH MOT PHASE.
7. CHANNELIZING DEVICES SHALL BE TRAFFIC DRUMS ON ROADWAYS WITH SPEEDS 45 MPH AND GREATER. ROADWAYS WITH SPEEDS LESS THAN 45 MPH SHALL USE 42" TRAFFIC CONES EXCEPT FOR TAPERS OR SHIFTS, DRUMS SHALL BE USED.
8. WHERE SEWER MANHOLES ARE AFFECTED BY TEMPORARY PAVEMENT ADJUST MANHOLE TO GRADE.
9. CONFLICTING STRIPING SHALL BE OBLITERATED.
10. SINGLE SHIFT CLOSURES WILL BE SUBMITTED AND APPROVED USING A SEPARATE BARRICADE PLAN.
11. CONTRACTOR WILL PROVIDE POSITIVE ADA ACCEPTED CHANNELIZATION FOR PEDESTRIANS. FOR EXCAVATIONS DEEPER THAN 5 FEET, A 6 FOOT NON-CLIMB FENCE SHALL BE USED.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC02	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MATRIX & GENERAL NOTES
SEGMENT 4 LOCAL ROADS

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

DESIGNED BY JP
DRAWN BY JP
CHECKED BY JP
REVIEWED BY EK

6/30/2016
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC3

- LEGEND -

- ROADWAY WORK ZONE
- BRIDGE WORK ZONE
- TEMPORARY PAVEMENT
- CCRFCD FACILITY
- COMPLETED PERMANENT CONSTRUCTION
- COMPLETED TEMPORARY CONSTRUCTION
- COMPLETED CCRFCD FACILITY
- CHANNELIZING DEVICES
- TRAFFIC DRUMS @ 65' SPACING
- TEMPORARY IMPACT ATTENUATOR (35 MPH)
- TEMPORARY IMPACT ATTENUATOR (65 MPH)
- TEMPORARY PORTABLE PRECAST (PPCBR) CONCRETE BARRIER RAIL
- BARRICADE TYPE III
- DIRECTIONAL ARROW
- ARROW BOARD TYPE C
- CMS - CHANGEABLE MESSAGE SIGN
- TEMPORARY STRIPING
- STRIPING PLACED IN PREVIOUS PHASE
- TEMPORARY DRAINAGE INLET
- TEMPORARY PEDESTRIAN PATH
- TEMPORARY LIGHTING
- TEMPORARY SIGNAL POLE
- B - BARRIER RAIL
- D - DRUMS/CHANNELIZING DEVICES
- S - STRIPING
- W - WORKZONE

W1-4(R) 48"x48"	1-A	
W1-4(L) 48"x48"	1-B	
W4-2(R) 48"x48"	2-A	
W4-2(L) 48"x48"	2-B	
W16-7p(R) 24"x12"	3-A	
W16-7p(L) 24"x12"	3-B	
AHEAD W16-9p 24"X12"	4	
RIGHT LANE CLOSED AHEAD W20-5(R) 48"x48"	5-A	
W20-5(L) 48"x48"	5-B	
ROAD WORK AHEAD W20-1 48"x48"	6	
DOUBLE PENALTY IN WORK ZONES WNV17-1 48"x48"	7	
YIELD R1-2 36"x36"x36"	8	
BEGIN WORK ZONE WNV16-2 48"x24"	9	
END WORK ZONE WNV16-3 48"x24"	10	
PEDESTRIAN CROSSWALK R9-8 36"X18"	11	
SIDEWALK CLOSED R9-9 30"X18"	12	
SIDEWALK CLOSED USE OTHER SIDE R9-10 48"X24"	13	
SIDEWALK CLOSED AHEAD CROSS HERE R9-11(R) 48"X36"	14-A	
R9-11(L) 48"X36"	14-B	
SIDEWALK CLOSED CROSS HERE R9-11a(R) 48"X24"	15-A	
R9-11a(L) 48"X24"	15-B	
STOP R1-1 24"x24"	16	
ROAD CLOSED TO THRU TRAFFIC R11-4 60"x30"	17	
ROAD CLOSED R11-2 48"x30"	18	
KEEP RIGHT R4-7a 24"x30"	19	
W11-2 36"x36"	20	
W4-3R 48"x48"	21	
ONLY R3-5R 36"x30"	22	
BUSINESS ACCESS WNV19-2(L) 42"x42"	23-A	
WNV19-2(R) 42"x42"	23-B	
LANE ENDS MERGE RIGHT W9-2(R) 48"x48"	24-A	
W9-2(L) 48"x48"	24-B	
W1-4b(R) 48"x48"	25-A	
W1-4b(L) 48"x48"	25-B	
STAY IN LANE R4-9 48"x60"	26	
W1-6(R) 48"x24"	27-A	
W1-6(L) 48"x24"	27-B	
FIRE STATION ACCESS ONLY TS-1 46"x46"	28	
THRU TRAFFIC MERGE LEFT W4-7L 48"X48"	29	
RIGHT LANE MUST TURN RIGHT R3-7(R) 30"x30"	30-A	
R3-7(L) 30"x30"	30-B	
R3-2 36"x36"	31	
LEFT TURN LANE WNV21-1L 24"x36"	32	
W24-1(R) 48"x48"	33-A	
W24-1(L) 48"x48"	33-B	
DETOUR M4-10L 48"X18"	34	
ROAD NARROWS W5-1 48"X48"	35	
CURVE 25 MPH W13-5 48"X60"	36	
NO PARKING R8-3a 24"X30"	37	
W3-1 36"X36"	38	
RAMP CLOSED RNV31-2 48"X36"	39	
RAMP CLOSED AHEAD WNV26-1 48"X48"	40	
W3-2 36"X36"	41	
HERE TO R1-5L 18"X18"	42	
HOLSOM LOFTS ACCESS WNV19-2(MOD)(L) 42"xVAR."	43-A	
WNV19-2(MOD)(R) 42"xVAR."	43-B	
BIKE LANE CLOSED AHEAD TS-2 36"X36"	44	
MAY USE FULL LANE TS-3 34"X34"	45	
HOLSOM LOFTS ACCESS TS-4 34"x22"	46	
HOLSOM ACCESS EASTBOUND CHARLESTON TS-5 34"x46"	47	
FIRST PRESBYTERIAN CHURCH TS-6 56"x50"	48	
PEDESTRIANS WAIT HERE TO CROSS TS-7 42"x30"	49	
W4-1R 48"x48"	50-A	
W4-1L 48"x48"	50-B	
SHOULDER WORK W21-5 48"X48"	51	
R3-1 36"x36"	52	

- EXISTING SIGNAL TO REMAIN
- TEMPORARY SIGNAL SEE TEMP SIGNAL PLANS
- PROPOSED SIGNAL
- RTC BUS STOP
- RELOCATED RTC BUS STOP

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC03	7/1/16

EMILY J. JUBOVCHIK
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JULY 1, 2016

PROJECT NEON Las Vegas
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TRAFFIC CONTROL PLAN LEGEND SEGMENT 4 LOCAL ROADS

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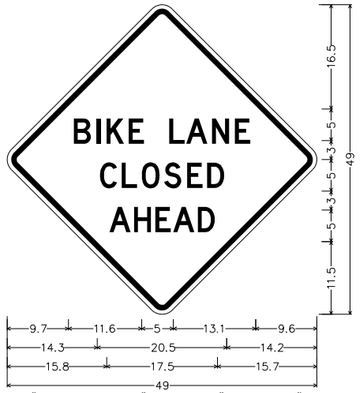
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC4

2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[FIRE] D; [STATION] D; [ACCESS] D; [ONLY] D;

TS-1

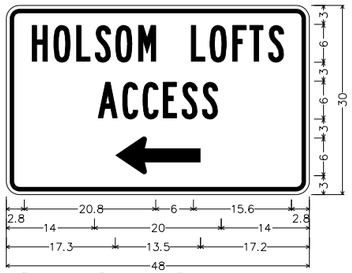


36.0" across sides 2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[BIKE LANE] C; [CLOSED] C; [AHEAD] C;

TS-2

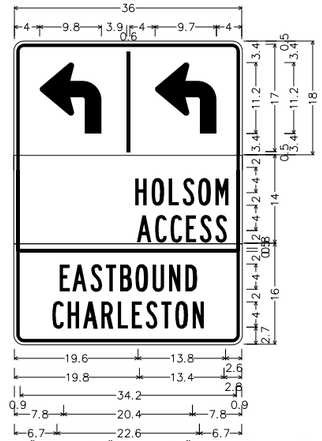
1.9" Radius, 0.8" Border, 0.5" Indent, Black on Orange;
Symbol RG025; [MAY] C; [USE] C;
[FULL] C; [LANE] C;

TS-3



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
[HOLSOM LOFTS] B; [ACCESS] B;
Standard Arrow Custom 0.0" X 6.0" 180‡;

TS-4

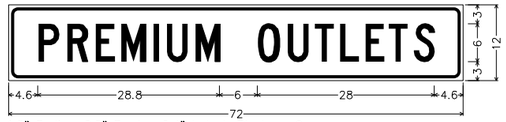


1.5" Radius, 0.5" Border, 0.4" Indent, Black on Orange;
90 Deg Advanced Turn Arrow 9.8" X 11.3";
90 Deg Advanced Turn Arrow 9.8" X 11.3";
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Orange;
[HOLSOM] B; [ACCESS] B;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Orange;
[EASTBOUND] B; [CHARLESTON] B;

TS-5

2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[PEDESTRIANS] C; [WAIT HERE] C;
[TO CROSS] C;

TS-7

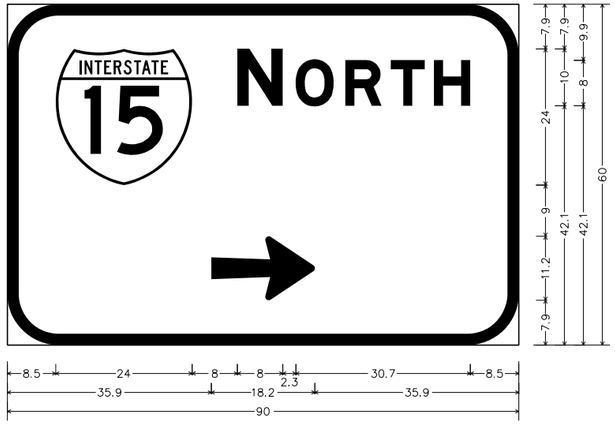


1.5" Radius, 0.5" Border, 0.4" Indent, Black on Orange;
[PREMIUM OUTLETS] C;

TS-8

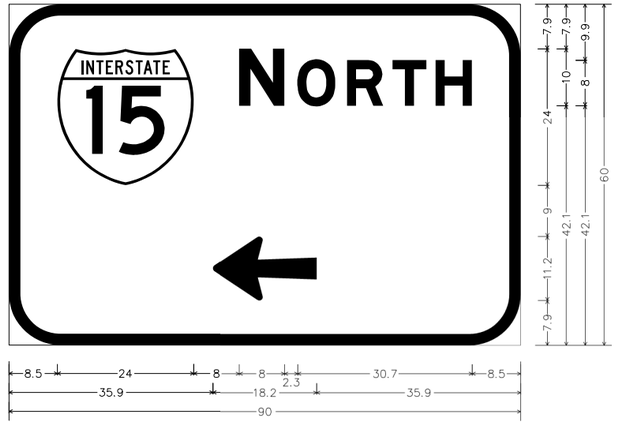
2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[FIRST] C; [PRESBYTERIAN] C 75‡ spacing; [CHURCH] C;
Standard Arrow Custom 0.0" X 6.0" 180‡;

TS-6



9.0" Radius, 2.0" Border, Black on Orange;
[NORTH] E Mod: Arrow 8-2LV - 18.3" 0Z;

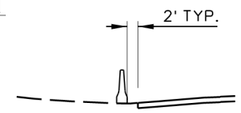
TS-9



9.0" Radius, 2.0" Border, Black on Orange;
[NORTH] E Mod: Arrow 8-2LV - 18.3" 0Z;

TS-10

TS-11



TYPICAL PLACEMENT OF PORTABLE
CONCRETE BARRIER RAIL DETAIL

A-A

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC04	7/1/16

EMILY J. LUBOVCHIK
Exp. 06/30/17
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PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
SPECIAL DETAILS

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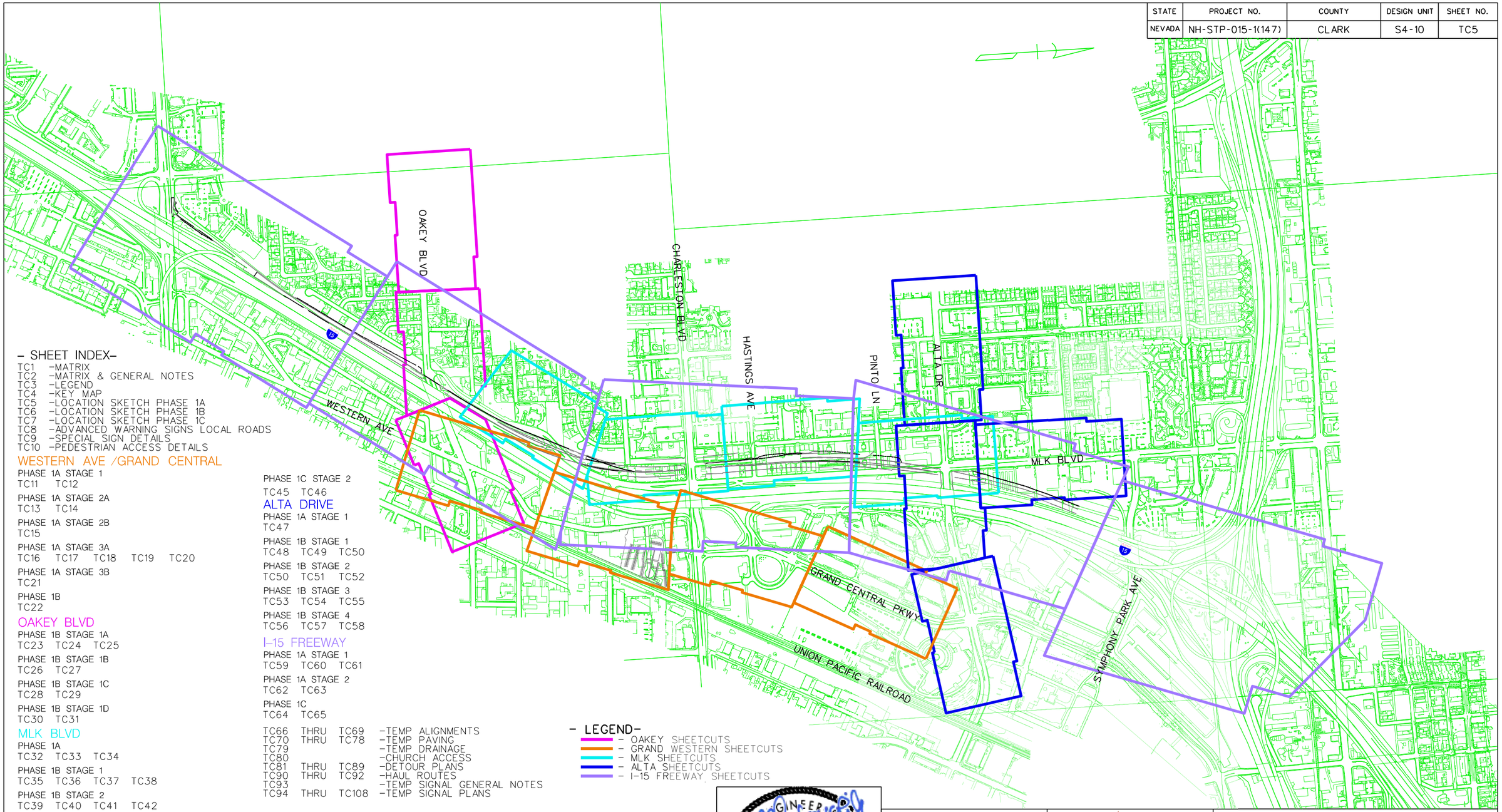
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC5



– SHEET INDEX–

TC1 –MATRIX
TC2 –MATRIX & GENERAL NOTES
TC3 –LEGEND
TC4 –KEY MAP
TC5 –LOCATION SKETCH PHASE 1A
TC6 –LOCATION SKETCH PHASE 1B
TC7 –LOCATION SKETCH PHASE 1C
TC8 –ADVANCED WARNING SIGNS LOCAL ROADS
TC9 –SPECIAL SIGN DETAILS
TC10 –PEDESTRIAN ACCESS DETAILS

WESTERN AVE /GRAND CENTRAL

PHASE 1A STAGE 1
TC11 TC12

PHASE 1A STAGE 2A
TC13 TC14

PHASE 1A STAGE 2B
TC15

PHASE 1A STAGE 3A
TC16 TC17 TC18 TC19 TC20

PHASE 1A STAGE 3B
TC21

PHASE 1B
TC22

OAKEY BLVD

PHASE 1B STAGE 1A
TC23 TC24 TC25

PHASE 1B STAGE 1B
TC26 TC27

PHASE 1B STAGE 1C
TC28 TC29

PHASE 1B STAGE 1D
TC30 TC31

MLK BLVD

PHASE 1A
TC32 TC33 TC34

PHASE 1B STAGE 1
TC35 TC36 TC37 TC38

PHASE 1B STAGE 2
TC39 TC40 TC41 TC42

PHASE 1C STAGE 1
TC43 TC44

PHASE 1C STAGE 2
TC45 TC46

ALTA DRIVE

PHASE 1A STAGE 1
TC47

PHASE 1B STAGE 1
TC48 TC49 TC50

PHASE 1B STAGE 2
TC50 TC51 TC52

PHASE 1B STAGE 3
TC53 TC54 TC55

PHASE 1B STAGE 4
TC56 TC57 TC58

I–15 FREEWAY

PHASE 1A STAGE 1
TC59 TC60 TC61

PHASE 1A STAGE 2
TC62 TC63

PHASE 1C
TC64 TC65

TC66 THRU TC69 –TEMP ALIGNMENTS
TC70 THRU TC78 –TEMP PAVING
TC79 –TEMP DRAINAGE
TC80 –CHURCH ACCESS
TC81 THRU TC89 –DETOUR PLANS
TC90 THRU TC92 –HAUL ROUTES
TC93 –TEMP SIGNAL GENERAL NOTES
TC94 THRU TC108 –TEMP SIGNAL PLANS

– LEGEND–

- OAKEY SHEETCUTS
- GRAND WESTERN SHEETCUTS
- MLK SHEETCUTS
- ALTA SHEETCUTS
- I–15 FREEWAY SHEETCUTS

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC05	7/1/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
KEY MAP

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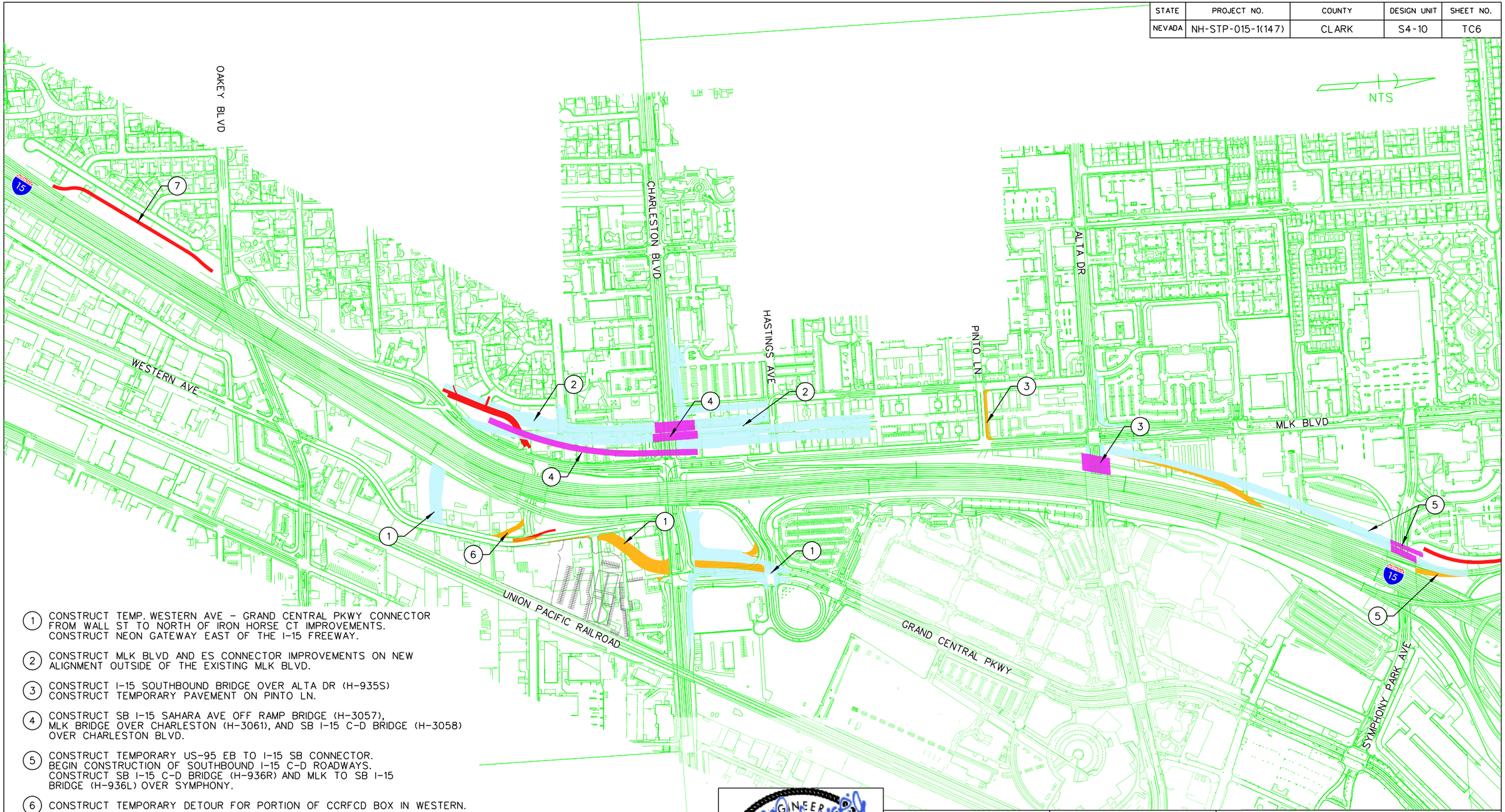
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC6



1. CONSTRUCT TEMP. WESTERN AVE – GRAND CENTRAL PKWY CONNECTOR FROM WALL ST TO NORTH OF IRON HORSE CT IMPROVEMENTS. CONSTRUCT NEON GATEWAY EAST OF THE I-15 FREEWAY.
2. CONSTRUCT MLK BLVD AND ES CONNECTOR IMPROVEMENTS ON NEW ALIGNMENT OUTSIDE OF THE EXISTING MLK BLVD.
3. CONSTRUCT I-15 SOUTHBOUND BRIDGE OVER ALTA DR (H-935S) CONSTRUCT TEMPORARY PAVEMENT ON PINTO LN.
4. CONSTRUCT SB I-15 SAHARA AVE OFF RAMP BRIDGE (H-3057), MLK BRIDGE OVER CHARLESTON (H-3061), AND SB I-15 C-D BRIDGE (H-3058) OVER CHARLESTON BLVD.
5. CONSTRUCT TEMPORARY US-95 EB TO I-15 SB CONNECTOR. BEGIN CONSTRUCTION OF SOUTHBOUND I-15 C-D ROADWAYS. CONSTRUCT SB I-15 C-D BRIDGE (H-936R) AND MLK TO SB I-15 BRIDGE (H-936L) OVER SYMPHONY.
6. CONSTRUCT TEMPORARY DETOUR FOR PORTION OF CCRFCD BOX IN WESTERN.
7. CONSTRUCT PORTION OF CCRFCD BOX BETWEEN SAHARA AND OAKEY.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC06	7/1/16

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EMILY J. KUBOVCHIK
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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN LOCATION SKETCH PHASE 1A

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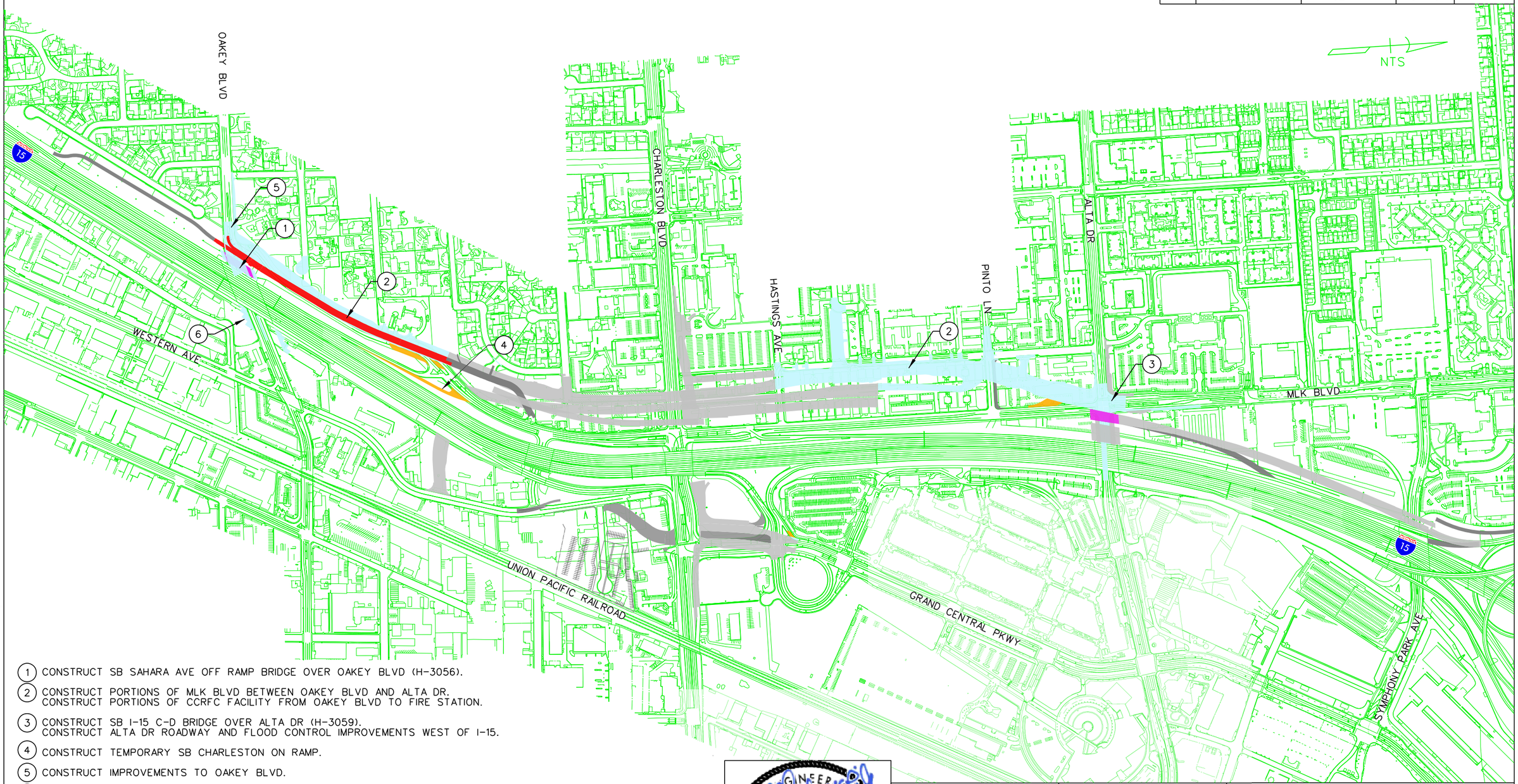
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC7



1. CONSTRUCT SB SAHARA AVE OFF RAMP BRIDGE OVER OAKEY BLVD (H-3056).
2. CONSTRUCT PORTIONS OF MLK BLVD BETWEEN OAKEY BLVD AND ALTA DR.
   CONSTRUCT PORTIONS OF CCRFC FACILITY FROM OAKEY BLVD TO FIRE STATION.
3. CONSTRUCT SB I-15 C-D BRIDGE OVER ALTA DR (H-3059).
   CONSTRUCT ALTA DR ROADWAY AND FLOOD CONTROL IMPROVEMENTS WEST OF I-15.
4. CONSTRUCT TEMPORARY SB CHARLESTON ON RAMP.
5. CONSTRUCT IMPROVEMENTS TO OAKEY BLVD.
6. CONSTRUCT NB SUBSTRUCTURE FOR H-933N OVER OAKEY BLVD.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC07	7/1/16

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TRAFFIC CONTROL PLAN LOCATION SKETCH PHASE 1B

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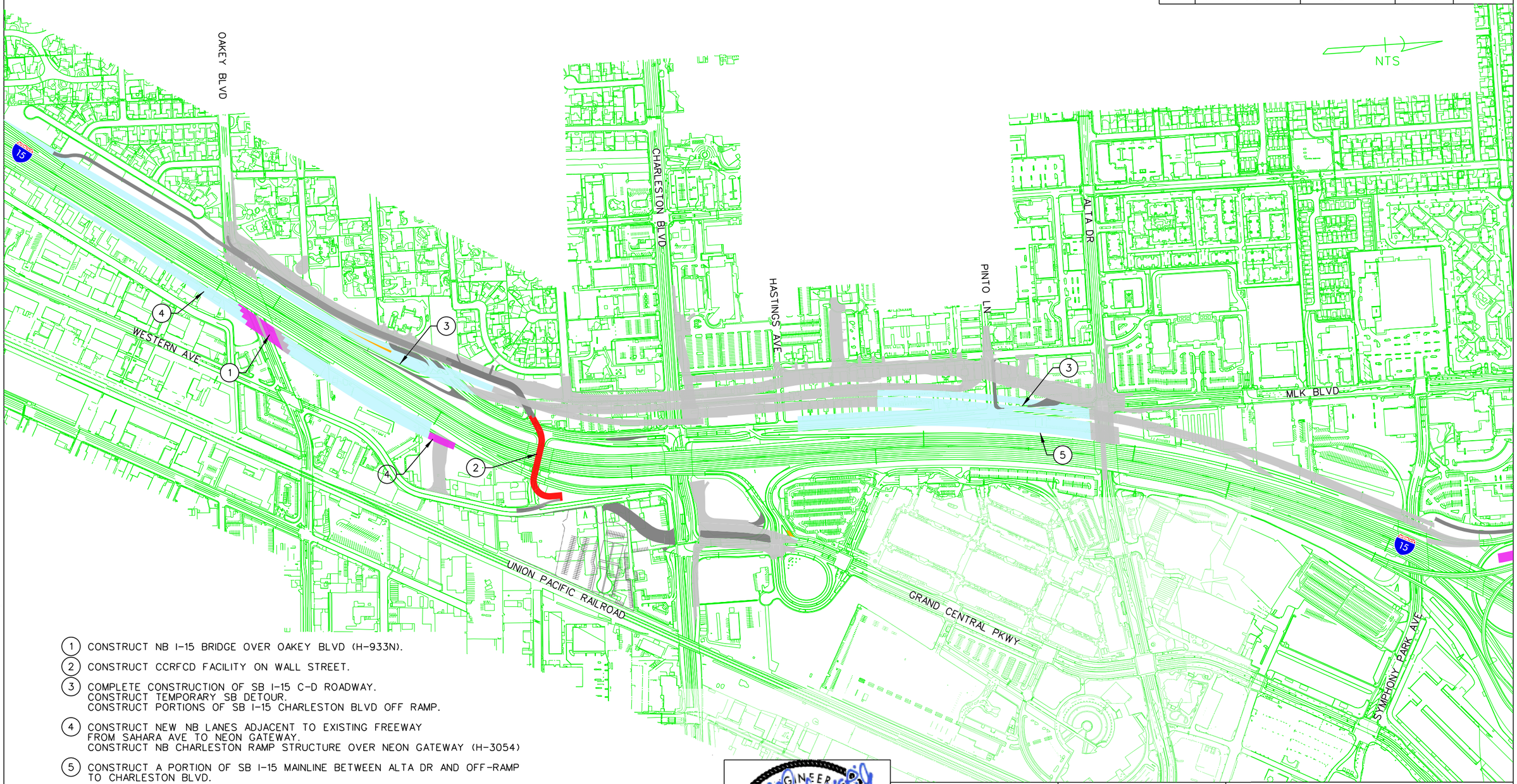
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC8



1. CONSTRUCT NB I-15 BRIDGE OVER OAKEY BLVD (H-933N).
2. CONSTRUCT CCRFCD FACILITY ON WALL STREET.
3. COMPLETE CONSTRUCTION OF SB I-15 C-D ROADWAY.
   CONSTRUCT TEMPORARY SB DETOUR.
   CONSTRUCT PORTIONS OF SB I-15 CHARLESTON BLVD OFF RAMP.
4. CONSTRUCT NEW NB LANES ADJACENT TO EXISTING FREEWAY FROM SAHARA AVE TO NEON GATEWAY.
   CONSTRUCT NB CHARLESTON RAMP STRUCTURE OVER NEON GATEWAY (H-3054)
5. CONSTRUCT A PORTION OF SB I-15 MAINLINE BETWEEN ALTA DR AND OFF-RAMP TO CHARLESTON BLVD.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC08	7/1/16

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DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN LOCATION SKETCH PHASE 1C

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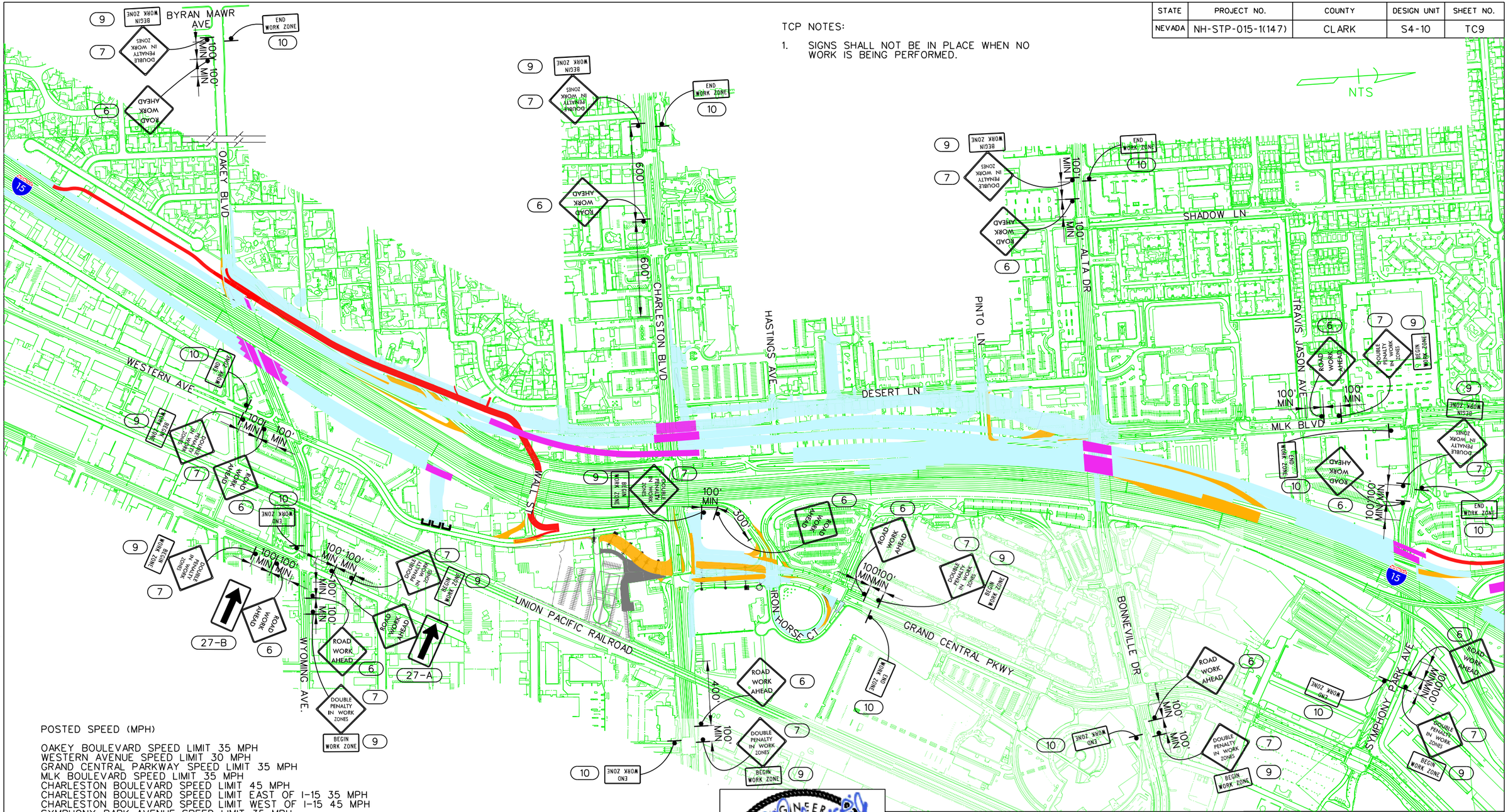
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC9

TCP NOTES:

1. SIGNS SHALL NOT BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

NTS



POSTED SPEED (MPH)

OAKEY BOULEVARD SPEED LIMIT 35 MPH
WESTERN AVENUE SPEED LIMIT 30 MPH
GRAND CENTRAL PARKWAY SPEED LIMIT 35 MPH
MLK BOULEVARD SPEED LIMIT 35 MPH
CHARLESTON BOULEVARD SPEED LIMIT 45 MPH
CHARLESTON BOULEVARD SPEED LIMIT EAST OF I-15 35 MPH
CHARLESTON BOULEVARD SPEED LIMIT WEST OF I-15 45 MPH
SYMPHONY PARK AVENUE SPEED LIMIT 35 MPH
ALTA DRIVE / BONNEVILLE DRIVE SPEED LIMIT 30 MPH

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC09	7/1/16

PROFESSIONAL ENGINEER
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RFC
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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
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TRAFFIC CONTROL PLAN
ADVANCED WARNING SIGNS
ALL PHASES

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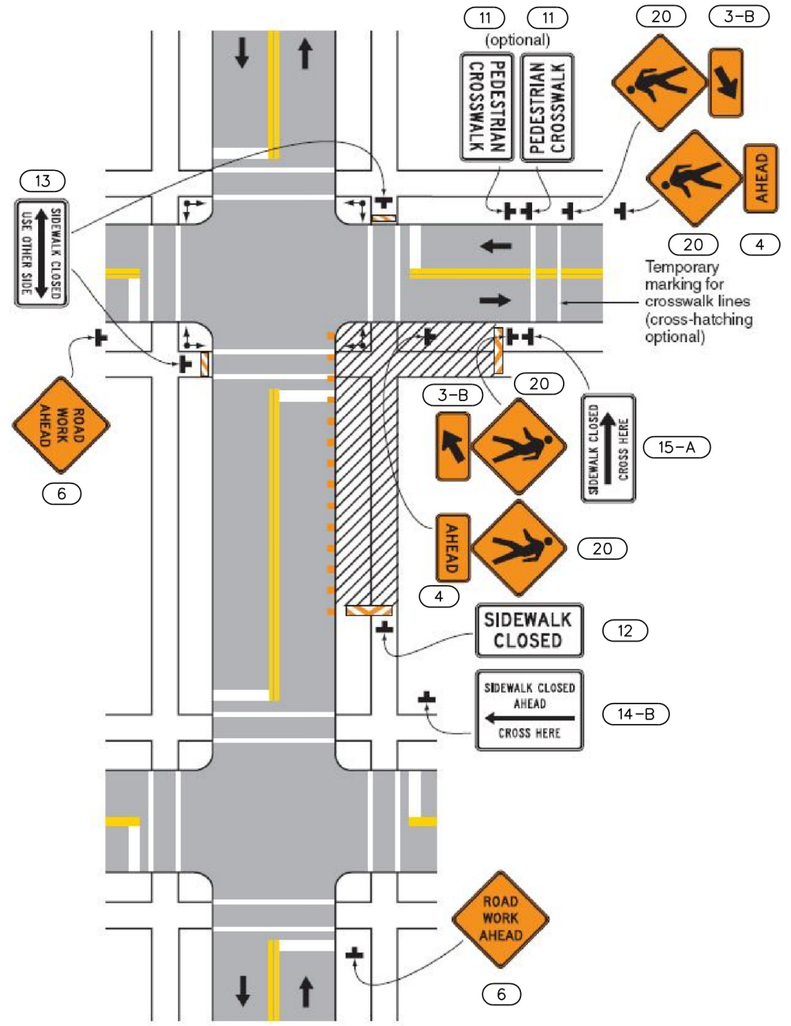
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC10

Crosswalk Closures and Pedestrian Detours



Typical Application

NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
PEDESTRIAN ACCESS DETAILS

ATKINS
2270 Corporate Circle
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Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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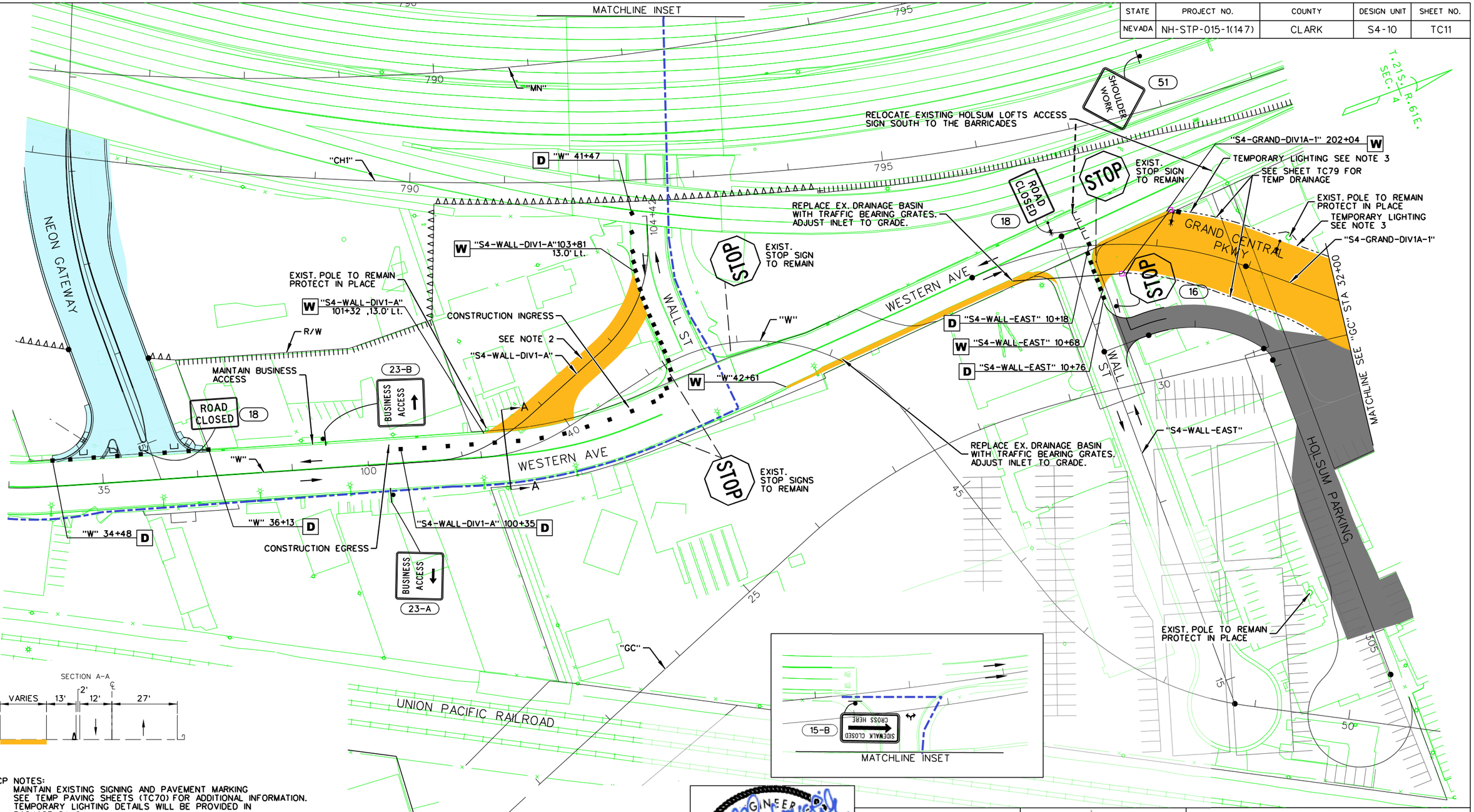
DRAWN BY SD
CHECKED BY MM
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC11



TCP NOTES:
1. MAINTAIN EXISTING SIGNING AND PAVEMENT MARKING
2. SEE TEMP PAVING SHEETS (TC70) FOR ADDITIONAL INFORMATION.
3. TEMPORARY LIGHTING DETAILS WILL BE PROVIDED IN PACKAGE S4-04

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC11	7/1/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
WESTERN AVE/GRAND CENTRAL
PHASE 1A – STAGE 1

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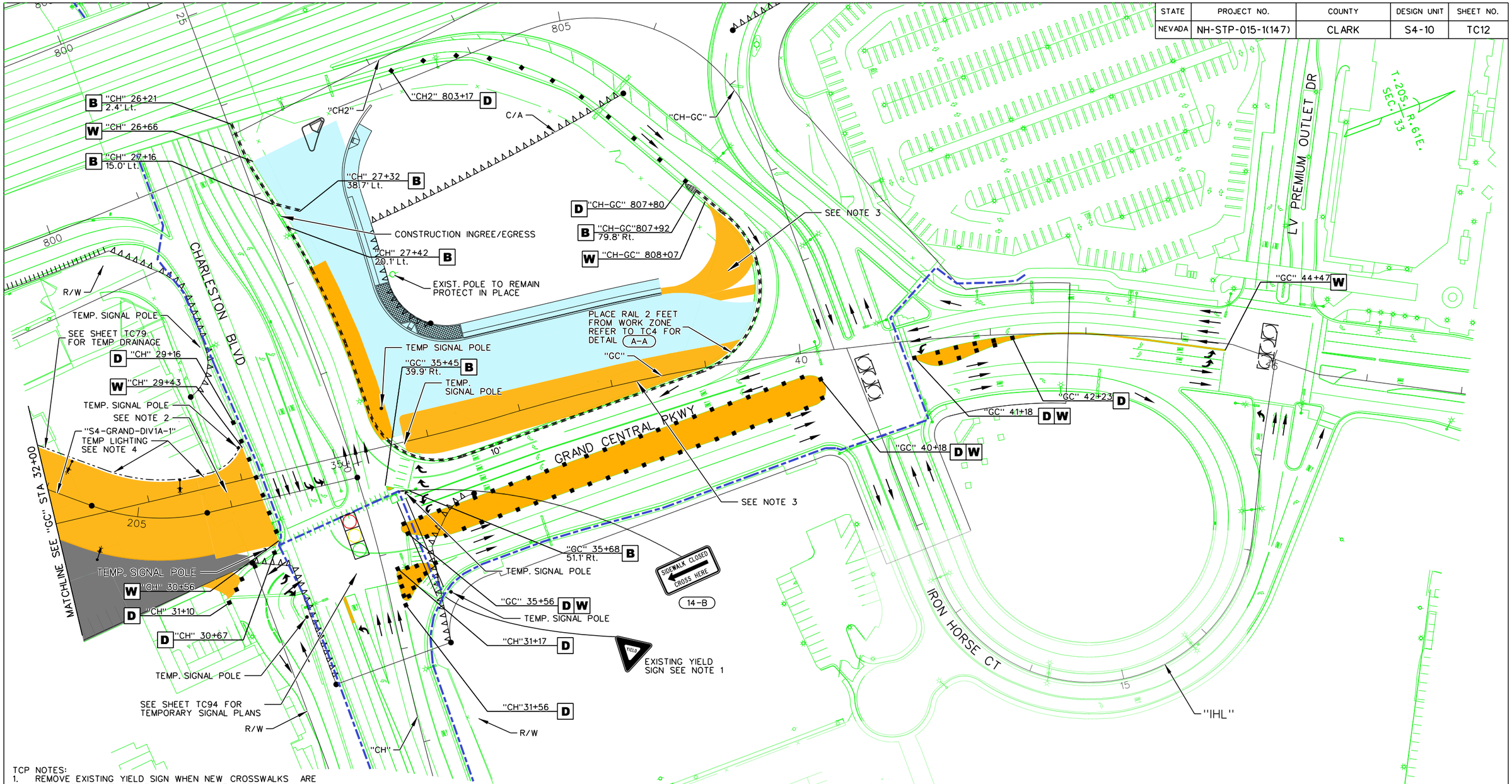
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC12



TCP NOTES:
1. REMOVE EXISTING YIELD SIGN WHEN NEW CROSSWALKS ARE IN PLACE AND TEMPORARY SIGNAL IS ACTIVATED.
2. SEE TEMP PAVING SHEET TC71 FOR ADDITIONAL INFORMATION.
3. SEE TEMP PAVING SHEET TC72 FOR ADDITIONAL INFORMATION.
4. TEMPORARY LIGHTING DETAILS WILL BE PROVIDED IN PACKAGE S4-04.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC12	7/1/16

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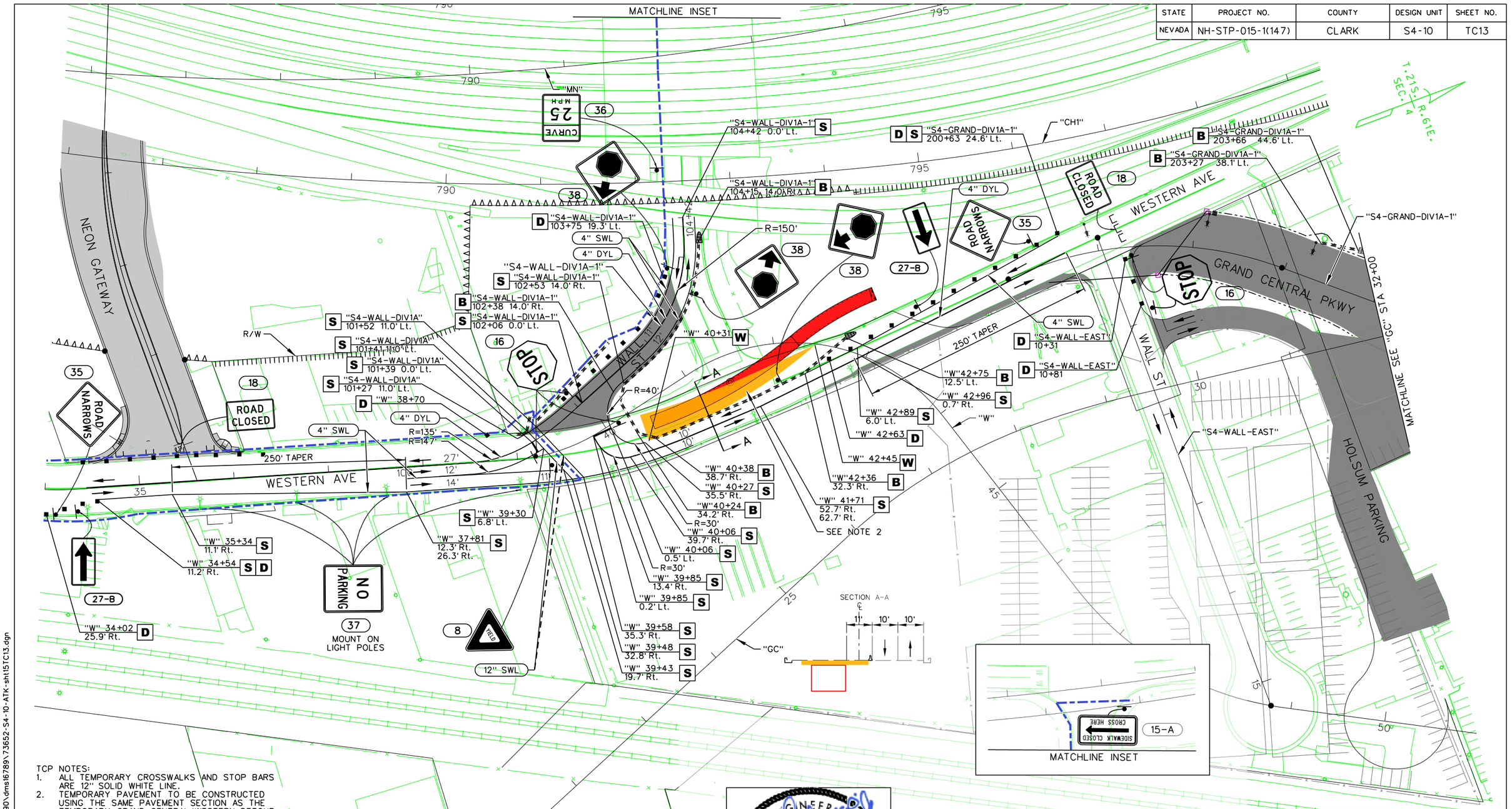
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC13



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. TEMPORARY PAVEMENT TO BE CONSTRUCTED USING THE SAME PAVEMENT SECTION AS THE TEMPORARY GRAND CENTRAL/WESTERN DETOUR. SEE TEMPORARY PAVEMENT PLAN SHEET TC71 FOR ADDITIONAL INFORMATION.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC13	7/1/16

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JULY 1, 2016

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NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN WESTERN AVE/GRAND CENTRAL PHASE 1A – STAGE 2A

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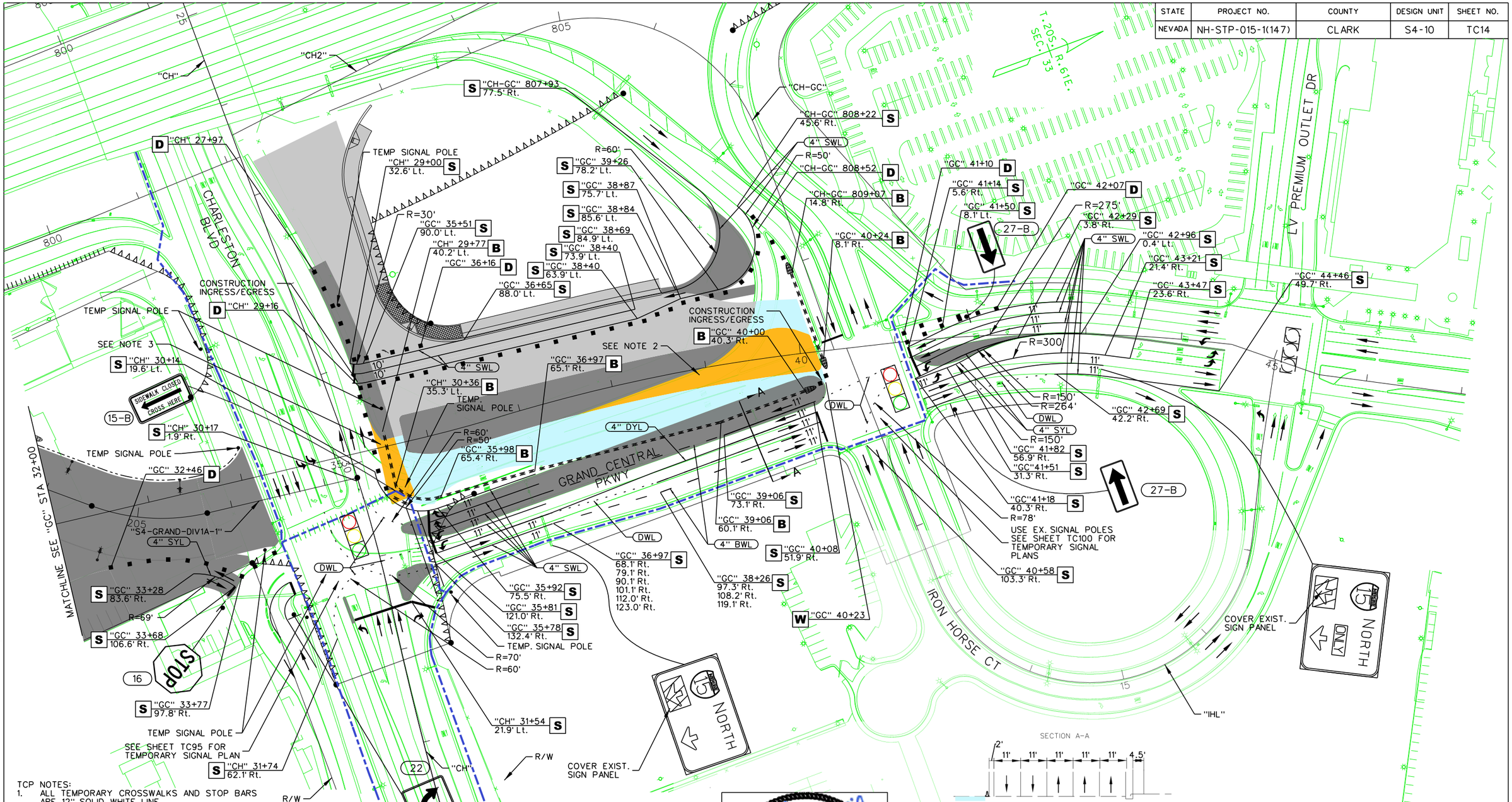
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC14



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. SEE TEMP PAVING SHEET TC73 FOR ADDITIONAL INFORMATION.
3. FIELD ADJUST RAIL TO COMPLETE CONSTRUCTION TIE IN.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC14	7/1/16

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JULY 1, 2016

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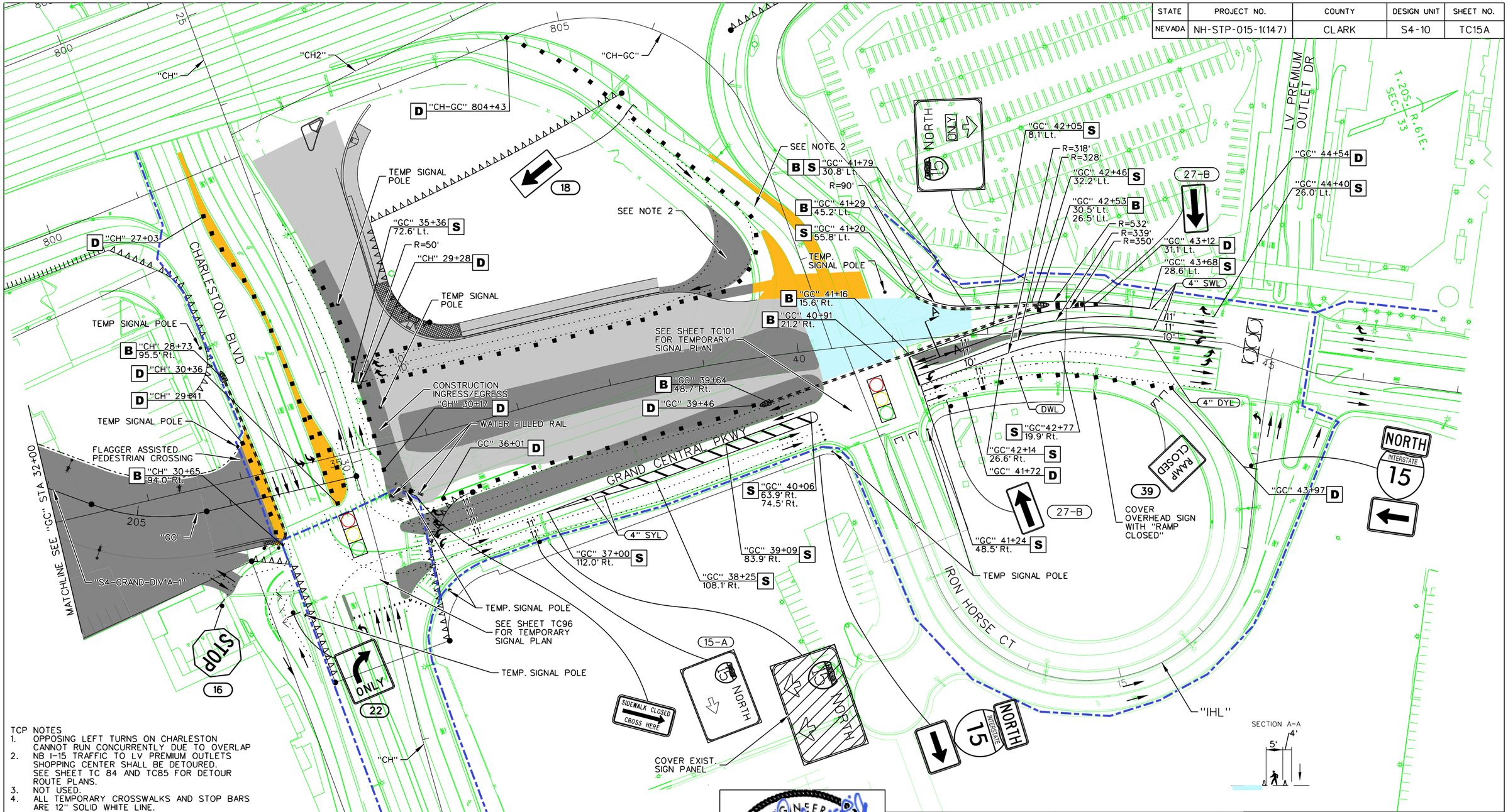
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC15A



TCP NOTES
1. OPPOSING LEFT TURNS ON CHARLESTON CANNOT RUN CONCURRENTLY DUE TO OVERLAP
2. NB I-15 TRAFFIC TO LV PREMIUM OUTLETS SHOPPING CENTER SHALL BE DETOURED. SEE SHEET TC 84 AND TC85 FOR DETOUR ROUTE PLANS.
3. NOT USED.
4. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC15A	7/1/16

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JULY 1, 2016

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TRAFFIC CONTROL PLAN WESTERN AVE/GRAND CENTRAL PHASE 1A – STAGE 2B

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC15B

"CH"
"CH2"
"CH-GC"
805
800
25
TEMP SIGNAL POLE
27-A
SEE NOTE 2
SEE NOTE 2
COVER EXIST. SIGN PANEL
TS-11
CLOSED
NORTHBOUND ENTRANCE RAMP
LV PREMIUM OUTLET DR
T.20S., R.61E., SEC. 33
"GC" 44+54 D
27-B
B "GC" 43+12 30.5' Lt.
WATER FILLED RAIL
SEE NOTE 1
TEMP. SIGNAL POLE
"GC" 43+41 D
"GC" 43+68 28.6' Lt. S
TEMP SIGNAL POLE
CHARLESTON BLVD
TEMP SIGNAL POLE
SEE SHEET TC101 FOR TEMPORARY SIGNAL PLAN
CONSTRUCTION INGRESS/EGRESS
40
45
TEMP SIGNAL POLE
FLAGGER ASSISTED PEDESTRIAN CROSSING
GRAND CENTRAL PKWY
MATCHLINE SEE "GC" STA 32+00
205
"GC"
"S4-GRAND-DIV1A-1"
39
RAMP CLOSED
27-B
TEMP SIGNAL POLE
IRON HORSE CT
TS-11
CLOSED
NORTHBOUND ENTRANCE RAMP
COVER EXIST. SIGN PANEL
"IHL"
TEMP. SIGNAL POLE
SEE SHEET TC96 FOR TEMPORARY SIGNAL PLAN
TEMP. SIGNAL POLE
STOP
16
ONLY
22
SIDEWALK CLOSED CROSS HERE
15-A
COVER EXIST. SIGN PANEL
CLOSED
TS-11
NORTHBOUND ENTRANCE RAMP
SECTION A-A
5'
4'

TCP NOTES
1. NORTHBOUND ENTRANCE RAMP CLOSED FROM SATURDAY EVENING TO SUNDAY MORNING AND FROM SUNDAY EVENING TO MONDAY MORNING FOR TIE IN. SHALL BE OPENED PRIOR TO 6:00 AM
2. NB I-15 TRAFFIC TO LV PREMIUM OUTLETS SHOPPING CENTER SHALL BE DETOURED. SEE SHEET TC 84 AND TC85 FOR DETOUR ROUTE PLANS.

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TRAFFIC CONTROL PLAN WESTERN AVE/GRAND CENTRAL PHASE 1A – STAGE 2B

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC16

T.21S., R.61E., SEC. 4

HIGHLAND AVE

OAKEY BLVD

WESTERN AVE

SEE OAKEY BLVD FOR TRAFFIC CONTROL DETAILS

"OW"

EXIST. R3-7 SIGN TO REMAIN

"W"

"W" 24+87 5.5' Rt. S

"W" 25+85 16.0 Lt. S

"W" 26+85 1.2' Rt. S

R=1791'

"W" 27+81 16.0' Lt. S

DWL

4" BWL

R=515'

R=464'

R=488'

4" DYL

"W" 25+73 5.0' Rt. S

"W" 24+87 16.00' Rt. S

S "W" 27+97 15.9' Rt.

S "W" 28+23 0.7' Rt.

"W" 30+83 0.3' Lt. S

S "W" 30+98 11.0' Rt.

"W"

S "W" 32+15 0.0' Rt.

R=261'

R=272'

R=283'

MATCHLINE SEE "W" STA 34+00

775 780 785 20 25 30 14' 11' 11' 14'

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC16	7/1/16

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TRAFFIC CONTROL PLAN
WESTERN AVE/GRAND CENTRAL
PHASE 1A – STAGE 3A

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC17

T.21S., R.61E., SEC. 4

"MN"

"CH1"

"S4-GRAND-DIV1A-1"201+24 S
0.1' Lt.
0.9' Rt.
10.1' Lt.
21.1' Lt.

D S "S4-GRAND-DIV1A-1"200+70
27.2' Lt.
15.3' Lt.

S "S4-GRAND-DIV1A-1"200+64
1.2' Rt.

S "S4-GRAND-DIV1A-1"200+03
1.4' Rt.
12.4' Rt.
23.4' Rt.

4" DYL
D "W" 41+27
D "W" 41+25

"W"41+42 61.3' Lt. S
"W"41+26 6.2' Lt. S
"W"41+43 5.2' Lt. S

WALL ST

STOP
16

R/W

NEON GATEWAY

18
ROAD CLOSED

WESTERN AVE

14' 11' 11' 14'

MATCHLINE SEE "W" STA 34+00

"W" 34+30
0.0' Rt. S

4" DYL
4" BWL

S "W" 38+84
10.7' Lt.
0.3' Rt.
11.3' Rt.

R=789'
R=778'
R=767'

S "W"41+73 40.3' Rt.
S "W"41+76 51.1' Rt.
S "W"41+69 63.2' Rt.
S "W"42+00 69.3' Rt.

S "W"42+76 5.9' Lt.
S "W"42+83 2.3' Rt.
S "W"42+91 10.3' Rt.
S "W"42+99 18.0' Rt.

"GC"

HOLSOM LOFTS ACCESS
43-B

HOLSOM LOFTS ACCESS
43-A

S "S4-GRAND-DIV1A-1"200+65 23.2' Rt.
S "S4-WALL-EAST"10+56 18.3' Rt.
S "S4-WALL-EAST"10+45 6.3' Rt.

R=325'
R=314'
R=303'
R=376'
R=375'
R=25'

"S4-GRAND-DIV1A-1"201+87 S
13.1' Lt.
24.1' Lt.
35.1' Lt.

4" BWL
"S4-GRAND-DIV1A-1"202+14 S
0.4' Rt.
0.6' Lt.
13.9' Lt.

"S4-GRAND-DIV1A-1"202+25 D
R=350'
R=339'
R=150'
"S4-GRAND-DIV1A-1"202+53 S
8.3' Lt.
7.0' Lt.
R=70'
R=75'
"S4-GRAND-DIV1A-1"202+83 S
14.1' Lt.
10.2' Lt.
4" SWL
"S4-GRAND-DIV1A-1"203+73 S
0.0' Lt.
4" SYL

GRAND CENTRAL PKWY

R=300'
R=25'
R=200'
R=100'

STOP
16

MATCHLINE SEE "GC" STA 32+00

4" DYL
4" BWL

S "S4-GRAND-DIV1A-1"202+53 30.5' Rt.
S "S4-GRAND-DIV1A-1"202+70 31.1' Rt.
S "S4-GRAND-DIV1A-1"202+99 22.0' Rt.
S "S4-GRAND-DIV1A-1"203+46 32.0' Rt.

S "S4-GRAND-DIV1A-1"203+99 39.3' Rt.
S "S4-GRAND-DIV1A-1"204+23 43.0' Rt.

"S4-WALL-EAST"

WALL ST

TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.

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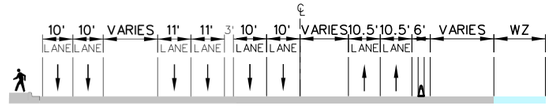
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC18

"CH" 26+54 B 15.7' Lt.
"CH" 26+75 D
WATER-FILLED RAIL
S "CH" 26+37 55.0' Rt.
4" DYL
S "CH" 26+86 61.2' Rt.
S "CH" 27+53 59.2' Rt.
S "CH" 28+12 47.1' Rt.
4" SYL
4" SWL
HOLSOM LOFTS ACCESS
43-B
TEMP. SIGNAL POLE
REFER TO STRIPING ENLARGMENT DETAIL ON TC19 FOR STRIPING DETAILS
S "S4-GRAND-DIV1A-1" 204+51 0.0' Rt.
4" BWL
R=210'
4" SWL
4" SYL
MATCHLINE SEE "GC" STA 32+00
B "S4-GRAND-DIV1A-1" 205+45 10.0' Rt.
B "S4-GRAND-DIV1A-1" 205+72 44.0' Rt.
16
22
STOP
ONLY
TEMP. SIGNAL POLE
SEE SHEET TC97 FOR TEMPORARY SIGNAL PLAN
19
KEEP RIGHT
S "CH" 32+61 29.8' Rt.
S "CH" 32+99 8.9' Rt.
"CH" 28+26 S 29.9' Lt.
TEMP SIGNAL POLE
"CH" 28+21 B 73.2' Lt.
S "GC" 38+54 56.6' Lt.
R=500'
R=500'
S "GC" 37+84 51.9' Lt.
R=1042'
S "GC" 37+32 64.5' Lt.
S "GC" 37+05 22.0' Lt.
R=100'
S "CH-GC" 806+47 97.5' Rt.
C/A R/W
D "CH-GC" 807+66
41
PLACE YIELD BAR ACCORDING TO MUTCD SEC 3B.16
42
R=50'
R=60'
"CH-GC"
"CH-GC" 807+72 S 48.1' Rt.
"CH-GC" 807+93 S 77.5' Rt.
UTILIZE PORTABLE PEDESTRIAN SIGNAL
"CH-GC" 808+04 S 11.1' Lt.
"CH-GC" 808+37 S 17.5' Lt.
R=127'
"CH-GC" S 808+87 49.7' Lt.
"GC" 41+27 S 62.9' Lt.
"GC" 41+31 S 43.8' Lt.
NORTH INTERSTATE 15
NORTH 215
COVER EXIST. SIGN PANEL
LV PREMIUM OUTLET DR
T.20S., R.61E., SEC. 33
NORTH 15
TS-9
R=80'
"GC" 41+78 S 40.7' Lt.
"GC" 41+64 S 9.3' Lt.
"GC" 41+82 S 8.6' Lt.
"GC" 41+79 S 4.6' Lt.
R=150'
"GC" 42+22 S 3.7' Lt.
R=1000'
"GC" 42+55 S 5.0' Lt.
COVER EXIST. OVERHEAD SIGN
NORTH 15
4" DYL
R=150'
"GC"
GRAND CENTRAL PKWY
40
11' 11' 10'
11' 11'
11' 11' 10' 10'
11' 11'
10' 10'
11' 11' 11'
4" SWL
R=300'
R=871'
"GC" 41+15 S 0.0' Lt.
"GC" 41+01 S 11.3' Lt.
27-A
TEMP SIGNAL POLE
SEE SHEET TC102 FOR TEMPORARY SIGNAL PLAN
4" DWL
"GC" 43+05 S 42.0' Rt.
"GC" 42+65 S 15.3' Rt.
DWL
R=300'
"GC" 42+25 S 6.8' Rt. 17.4' Rt.
"GC" 43+30 S 0.5' Rt. 9.5' Lt. 20.5' Lt. 31.5' Lt.
"GC" 44+46 S 6.2' Rt. 27.7' Rt. 38.7' Rt.
R=861'
"GC" 39+34 S 0.3' Rt.
"GC" 39+29 S 22.3' Lt.
"GC" 39+08 S 3.6' Rt.
"GC" 39+05 S 37.9' Rt.
R=300'
"GC" 38+33 S 9.9' Lt.
"GC" 38+31 S 2.4' Rt.
R=300'
"GC" 37+65 S 1.0' Lt.
"GC" 37+60 S 37.4' Rt.
TEMP. SIGNAL POLE
FLEXIBLE SURFACE MOUNTED DELINEATORS
EX. SIGNAL POLE TO REMAIN
REFER TO STRIPING ENLARGMENT DETAIL ON TC20 FOR STRIPING DETAILS
IRON HORSE CT
"IHL"
CHARLESTON BLVD
35
SEE NOTE 2
MATCHLINE SEE STA 34+25
"CH" 31+84 S 22.7' Rt.
HOLSOM LOFTS ACCESS
43-A
"CH" 32+23 S 34.2' Rt.
"CH" 32+70 S 10.3' Rt.
R=261'
B "CH" 35+23 29.7' Lt.
"CH" 35+40 D
"CH" 36+00 W 35.2' Lt.
"CH" 36+46 D
"CH" 36+65 S 29.6' Lt.
CONSTRUCTION EGRESS
MATCHLINE SEE STA 34+25

TCP NOTES
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. CLOSE SIDEWALK ADJACENT TO WB CHARLESTON BLVD AT MAIN STREET. PLACE SIGN 14-B ON NW CORNER.

SECTION A-A



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC18	7/1/16

EMILY J. JUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN WESTERN AVE/GRAND CENTRAL PHASE 1A – STAGE 3A

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

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC19

T.20S. R.61E. SEC. 33

CHARLESTON BLVD

GRAND CENTRAL PKWY

"S4-GRAND-DIV1A-1"

"CH" 29+11 5.4' Rt.
"CH" 29+51 46.4' Rt.
"GC" 34+18 56.7' Lt.
"CH" 29+31 94.5' Rt.
"GC" 34+14 41.8' Lt.
"GC" 34+05 27.9' Lt.
"GC" 34+04 11.0' Rt.
"GC" 33+68 11.0' Lt.
"GC" 33+56
"GC" 34+02 67.0' Rt.
"GC" 33+87
"GC" 34+15 69.5' Rt.
"GC" 34+25 75.7' Rt.
"GC" 34+31 83.0' Rt.
"GC" 34+29 96.3' Rt.
"GC" 35+76 102.0' Lt.
"GC" 35+97 93.8' Lt.
"GC" 35+96 80.9' Lt.
"GC" 36+26 89.5' Lt.
"GC" 36+10 79.8' Lt.
"GC" 36+96 40.2' Rt.
"GC" 36+51 8.3' Lt.
"GC" 37+13
"GC" 35+70 36.0' Lt.
"GC" 35+76 11.7' Rt.
"GC" 35+45 32.6' Rt.
"GC" 34+86 81.8' Rt.
"GC" 30+64
"CH" 31+72"

4" SYL
4" SWL
4" BWL
"CH"
DWL
R=100'
R=50'
R=75'
R=60'
R=35'
R=10'
WATER FILLED RAIL
FLEXIBLE SURFACE MOUNTED DELINEATORS
SIDEWALK CLOSED CROSS HERE
PEDESTRIANS WAIT HERE TO CROSS
15-B
49
19
KEEP RIGHT

SECTION A-A

TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC19	7/1/16

EMILY J. LUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN CHARLESTON /GRAND CENTRAL PH 1A – ST3A STRIPING DETAIL

ATKINS
2270 Corporate Circle
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Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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REVIEWED BY	EK

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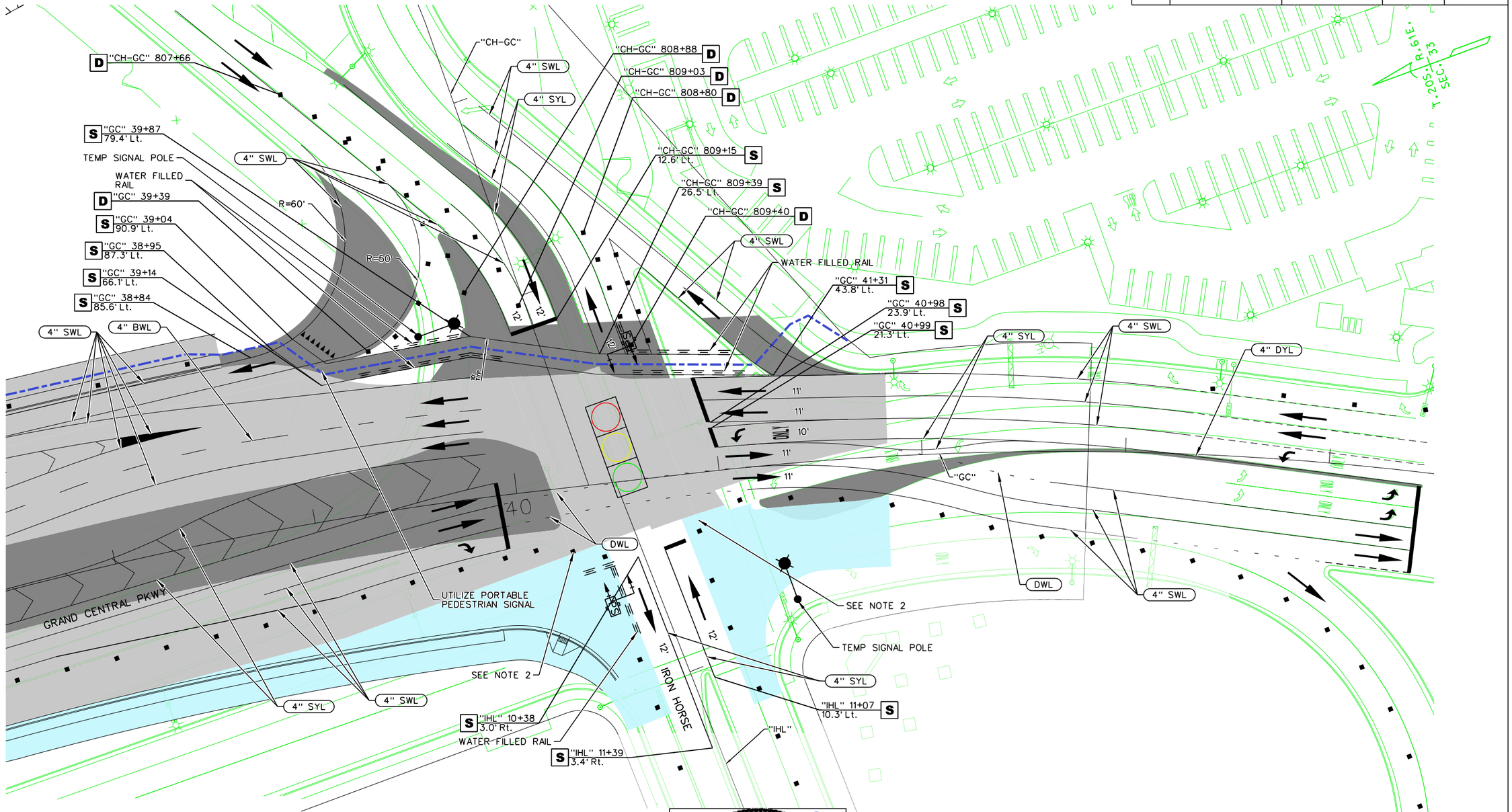
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC20



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. FIELD ADJUST DRUMS TO COMPLETE CONSTRUCTION TIE IN

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC20	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
GRAND CENTRAL/IRON HORSE
PH 1A – ST 3A STRIPING DETAIL

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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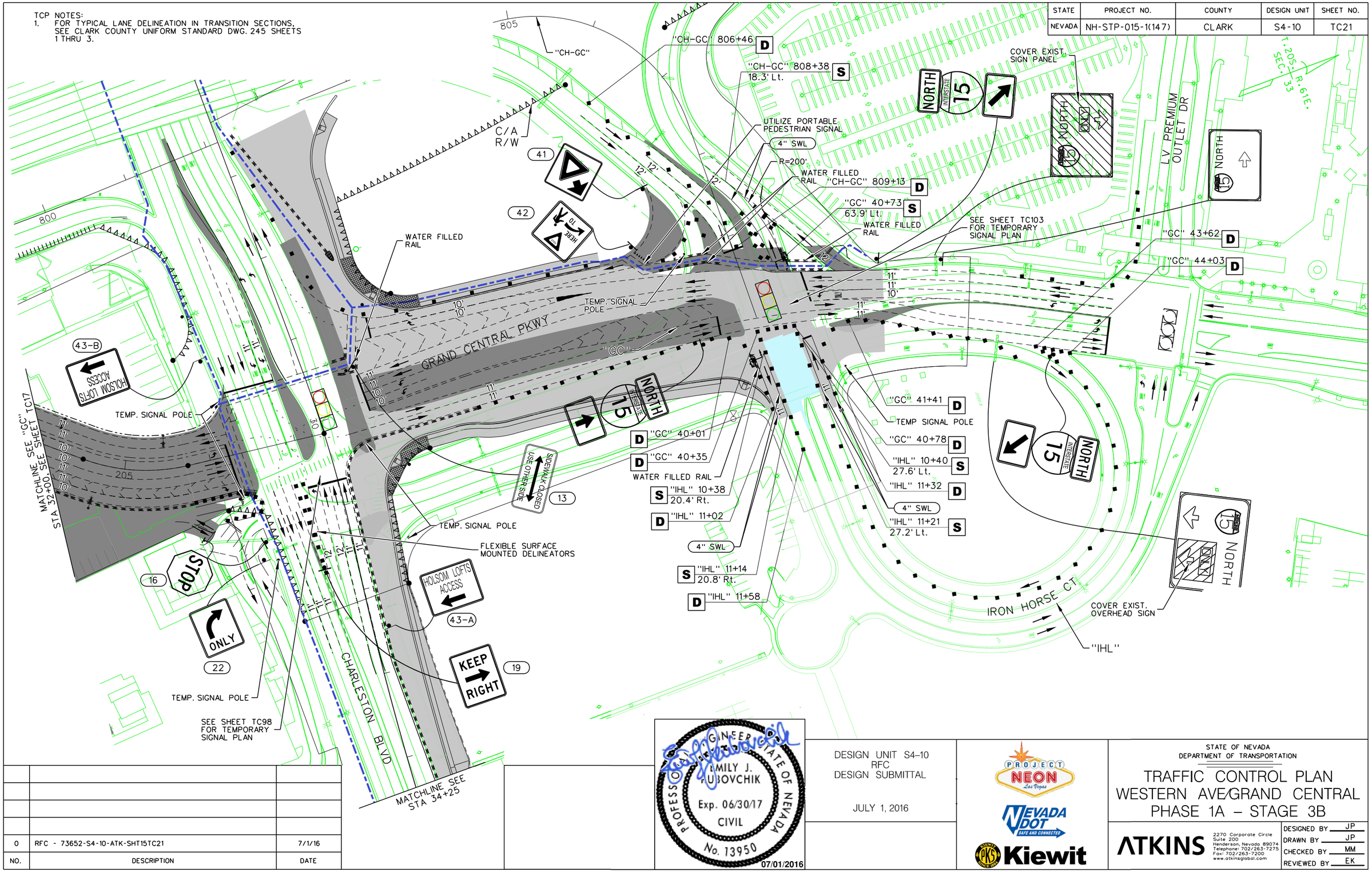
TCP NOTES:
1. FOR TYPICAL LANE DELINEATION IN TRANSITION SECTIONS, SEE CLARK COUNTY UNIFORM STANDARD DWG. 245 SHEETS 1 THRU 3.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC21



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC21	7/1/16

EMILY J. LUBOVCHIK
PROFESSIONAL ENGINEER
STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN WESTERN AVE/GRAND CENTRAL PHASE 1A – STAGE 3B

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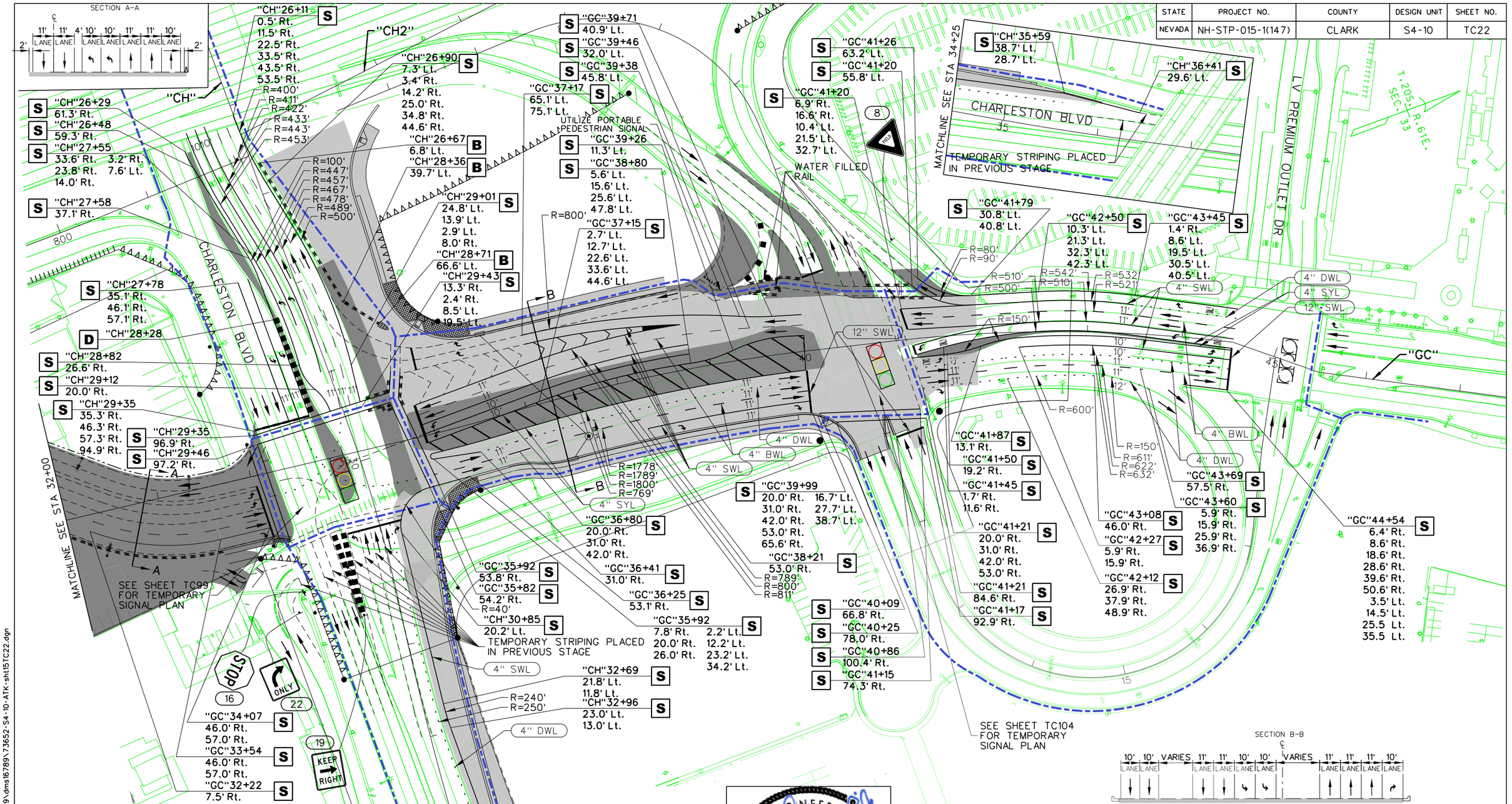
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC22

SECTION A-A

SECTION B-B



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC22	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
WESTERN AVE/GRAND CENTRAL
PHASE 1B

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2270 Corporate Circle
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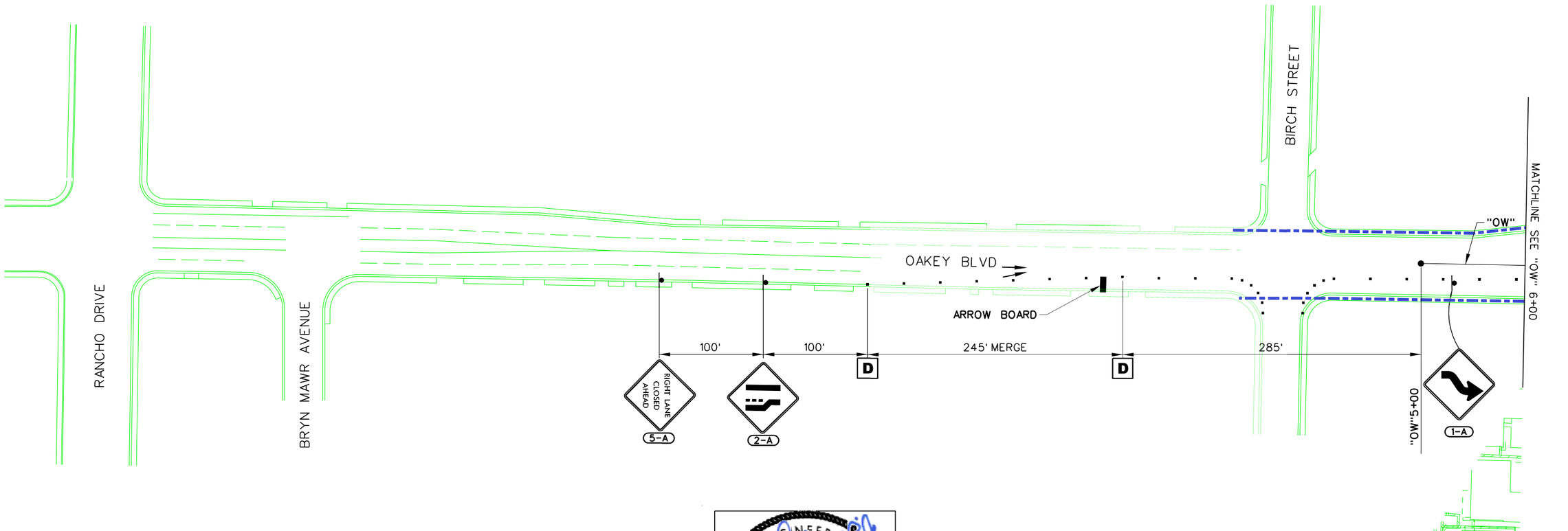
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC23

T.21S. R.61E.
SEC. 4



NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1A

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Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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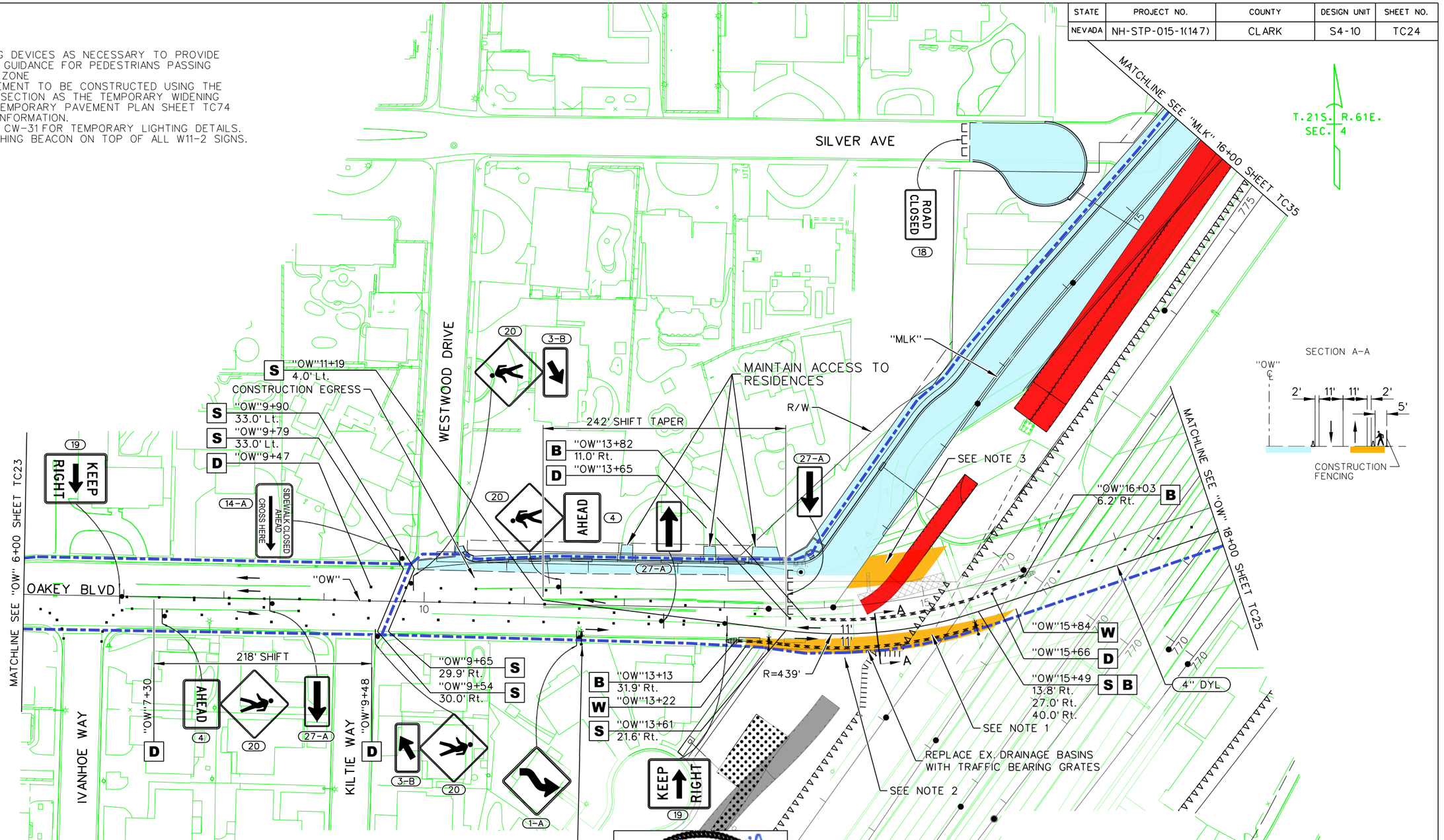
TCP NOTES:
1. NOT USED.
2. USE CHANNELIZING DEVICES AS NECESSARY TO PROVIDE PROTECTION AND GUIDANCE FOR PEDESTRIANS PASSING NEAR THE WORK ZONE
3. TEMPORARY PAVEMENT TO BE CONSTRUCTED USING THE SAME PAVEMENT SECTION AS THE TEMPORARY WIDENING OF OAKEY. SEE TEMPORARY PAVEMENT PLAN SHEET TC74 FOR ADDITIONAL INFORMATION.
4. SEE DESIGN UNIT CW-31 FOR TEMPORARY LIGHTING DETAILS.
5. INSTALL 12" FLASHING BEACON ON TOP OF ALL W11-2 SIGNS.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC24



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC24	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1A

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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	S4-10	TC25

T.20S. R.61E. SEC. 33

MATCHLINE SEE "OW" STA 18+00 SHEET TC24

"OW"19+21 D

"OW"22+31 D

27-B

SIDEWALK CLOSED

12

1-B

19

KEEP RIGHT

13

SIDEWALK CLOSED USE OTHER SIDE

"OW"24+06 D

"OW"24+97 D

"OW"25+91 D

22

ONLY

STRIPING PLACED IN A PREVIOUS STAGE

310' SHIFT

CONSTRUCTION INGRESS

"OW"

OAKEY BLVD

4" DYL

4" DYL

"OW"22+31 5.4' Lt. S

"OW"19+52 D

"OW"19+21 25.0' Rt. S

"OW"25+75 D

"OW"26+23 D

KEEP RIGHT

19

HIGHLAND AVE

WESTERN AVE

UNION PACIFIC RAILROAD

30-A

RIGHT LANE MUST TURN RIGHT

30-A

RIGHT LANE MUST TURN RIGHT

WYOMING AVE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC25	7/1/16

EMILY J. GUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS JOINT VENTURE Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1A

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Henderson, Nevada 89074
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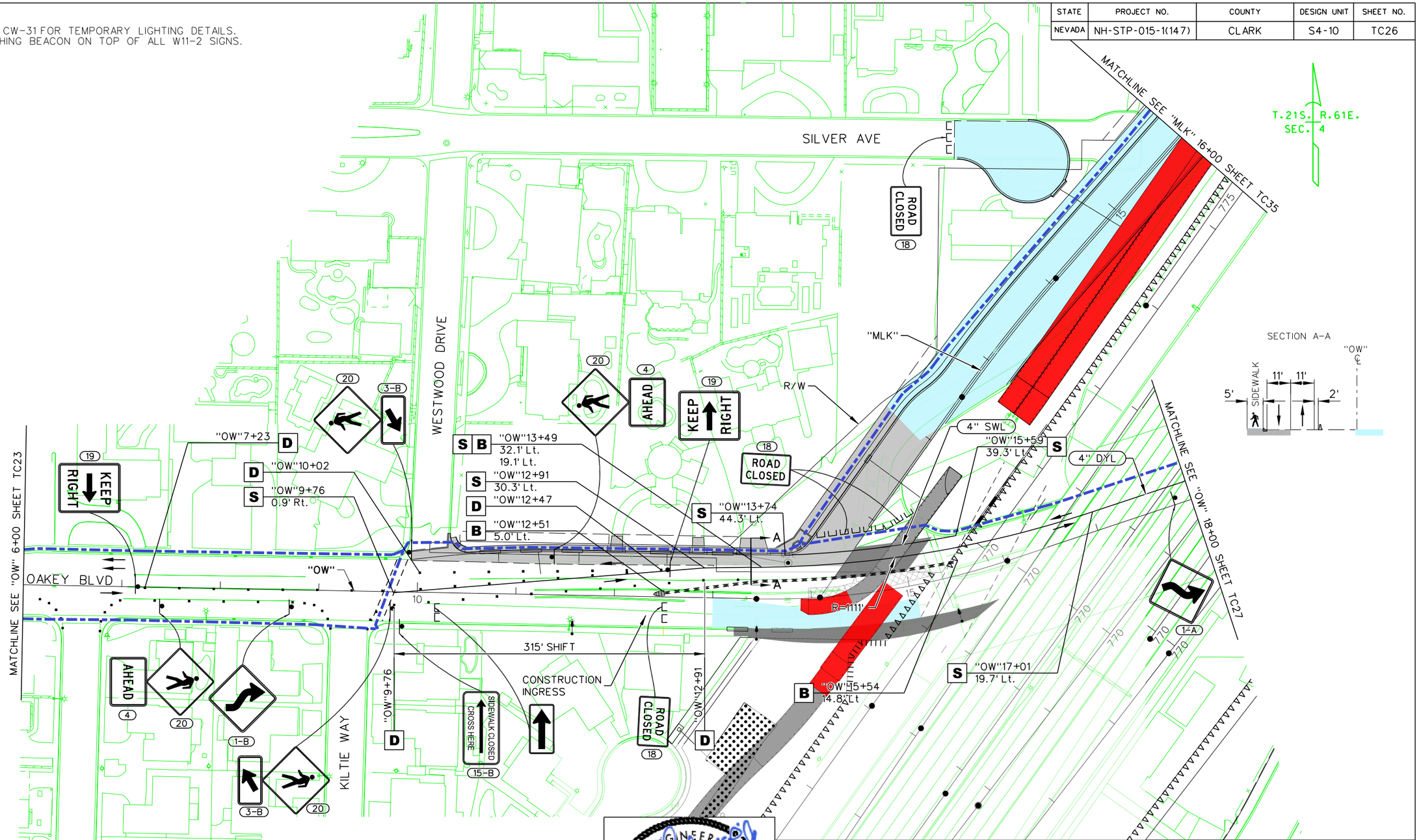
TCP NOTES:
1. SEE DESIGN UNIT CW-31 FOR TEMPORARY LIGHTING DETAILS.
2. INSTALL 12" FLASHING BEACON ON TOP OF ALL W11-2 SIGNS.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC26



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC26	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. LUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1B

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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	S4-10	TC27

T.20S. R.61E. SEC. 33

MATCHLINE SEE "OW" STA 18+00 SHEET TC26

KEEP RIGHT

"OW"19+13 D

4" DYL

27-A

"OW"20+28 S

5.2' Lt.

"OW"21+77 D

143' SHIFT

"OW"23+20 D

"OW"25+91 D

"OW"25+75 D

1-A

KEEP RIGHT

"OW"26+23 D

"OW"

ONLY

30-A RIGHT LANE MUST TURN RIGHT

30-A RIGHT LANE MUST TURN RIGHT

OAKEY BLVD

CONSTRUCTION EGRESS

"OW"19+22 D

"OW"20+68 D

262' SHIFT

"OW"24+97 D

"OW"24+64 D

"OW"24+29 D

SIDEWALK CLOSED

"OW"21+44

SIDEWALK CLOSED USE OTHER SIDE

"OW"18+82

19.6' Lt.

WESTERN AVE

HIGHLAND AVE

WYOMING AVE

UNION PACIFIC RAILROAD

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC27	7/1/16

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1B

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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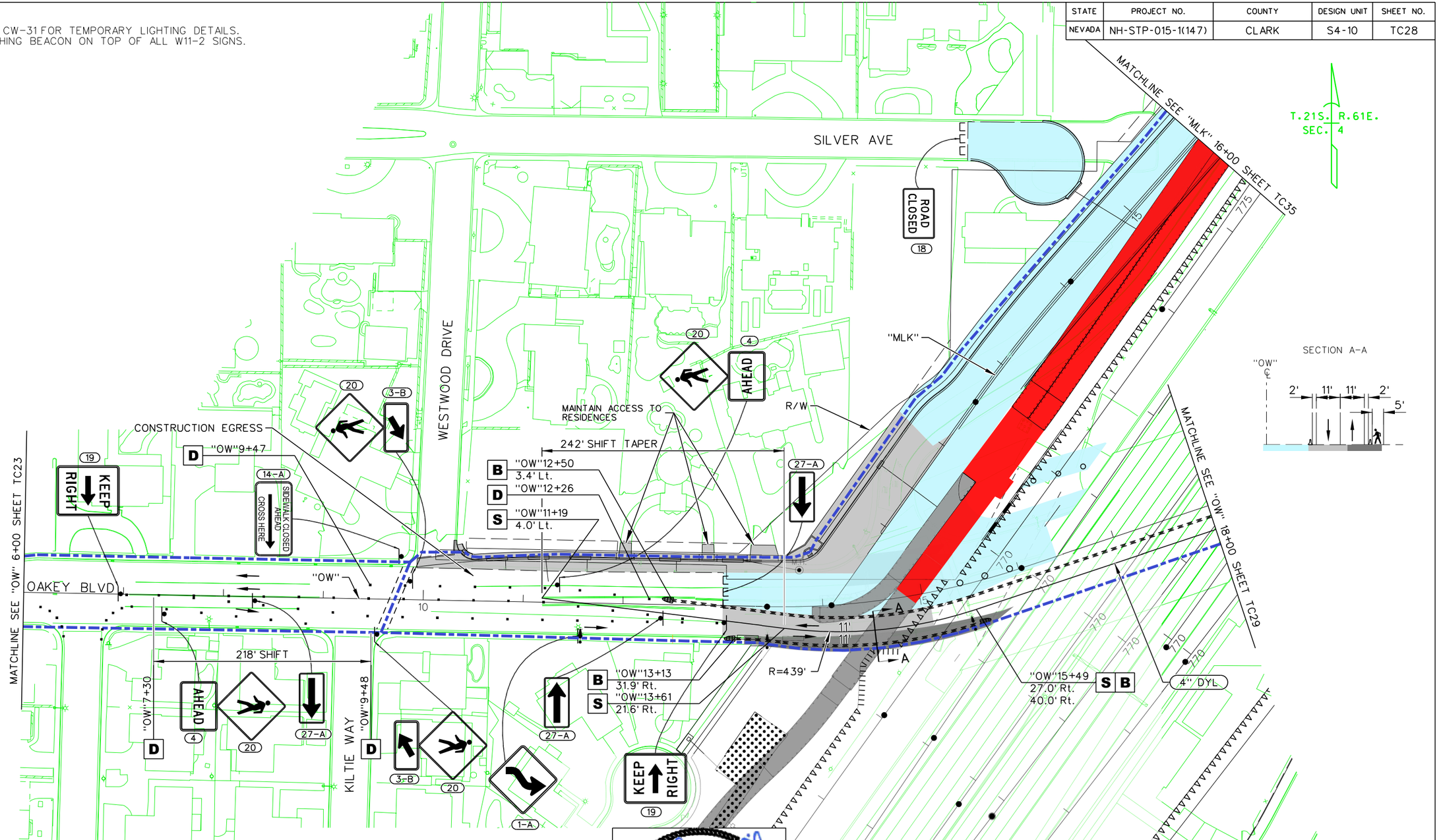
TCP NOTES:.
1. SEE DESIGN UNIT CW-31 FOR TEMPORARY LIGHTING DETAILS.
2. INSTALL 12" FLASHING BEACON ON TOP OF ALL W11-2 SIGNS.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC28



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC28	7/1/16

EMILY J. KUBOVCHIK
PROFESSIONAL ENGINEER STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1C

ATKINS
2270 Corporate Circle
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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	S4-10	TC29

T.20S., R.61E.
SEC. 33

MATCHLINE SEE "OW" STA 18+00 SHEET TC28

SIDEWALK CLOSED (12)

"OW"20+30 25.0' Rt. 12.0' Rt.

"OW"23+39 15.3' Lt.

27-B

309' SHIFT

19 KEEP RIGHT

1-B

14-B SIDEWALK CLOSED AHEAD CROSS HERE

STRIPING PLACED IN A PREVIOUS STAGE

CONSTRUCTION INGRESS

"OW"22+37 13.8' Lt.

"OW"21+88 3.5' Lt.

"OW"25+91

22 ONLY

UNION PACIFIC RAILROAD

30-A RIGHT LANE MUST TURN RIGHT

OAKEY BLVD

4" DYL

63' SHIFT

"OW"21+29

"OW"21+92

"OW"24+09

"OW"

"OW"25+75

"OW"26+23

"OW"20+61

1-B KEEP RIGHT 19

LEFT TURN LANE 32

WESTERN AVE

HIGHLAND AVE

WYOMING AVE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC29	7/1/16

EMILY J. KUBOVCHIK
PROFESSIONAL ENGINEER STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1C

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Henderson, Nevada 89074
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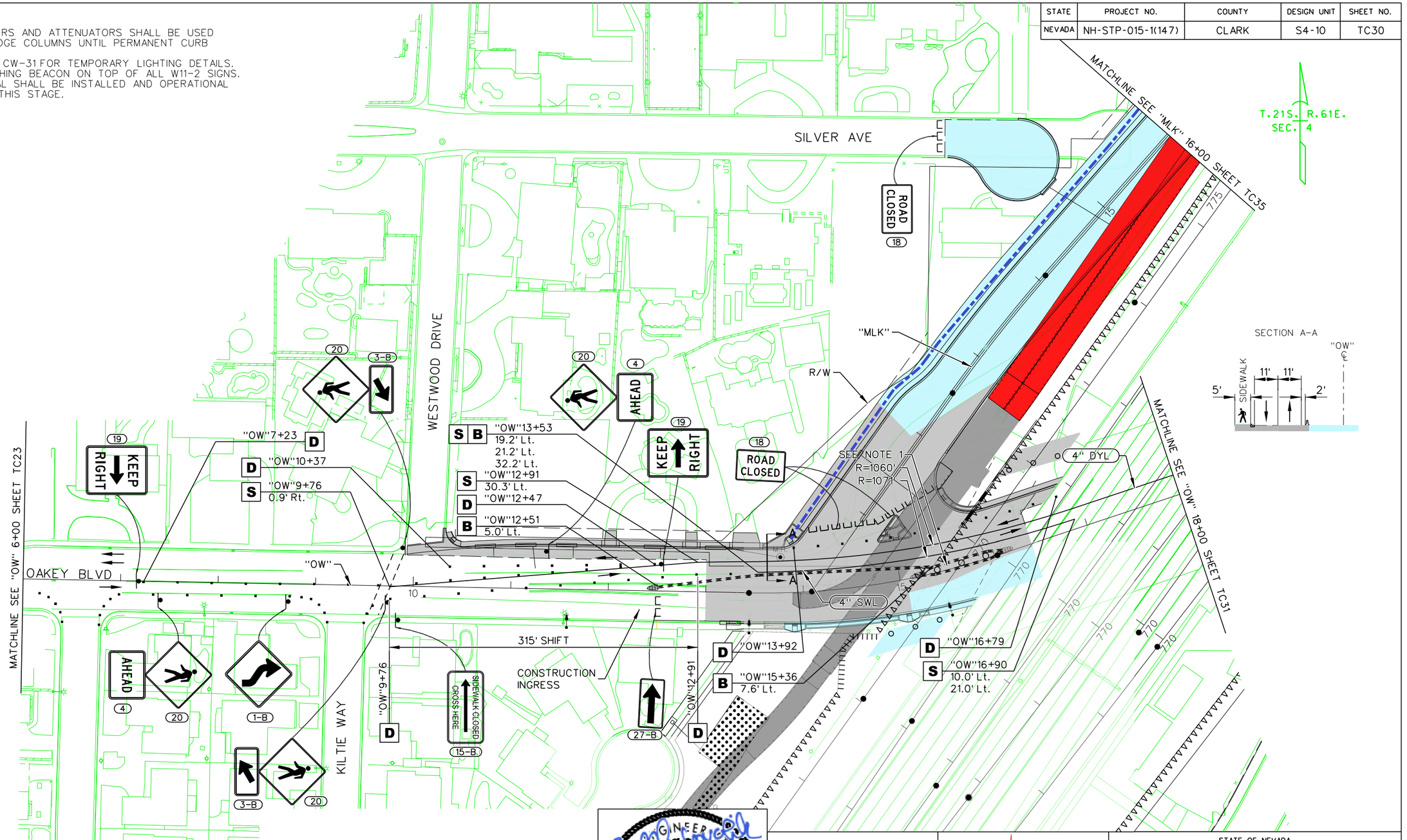
TCP NOTES:
1. CONCRETE BARRIERS AND ATTENUATORS SHALL BE USED TO PROTECT BRIDGE COLUMNS UNTIL PERMANENT CURB IS CONSTRUCTED
2. SEE DESIGN UNIT CW-31 FOR TEMPORARY LIGHTING DETAILS.
3. INSTALL 12" FLASHING BEACON ON TOP OF ALL W11-2 SIGNS.
4. PERMANENT SIGNAL SHALL BE INSTALLED AND OPERATIONAL AT THE END OF THIS STAGE.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC30



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC30	7/1/16

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1D

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DESIGNED BY	ZR
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CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
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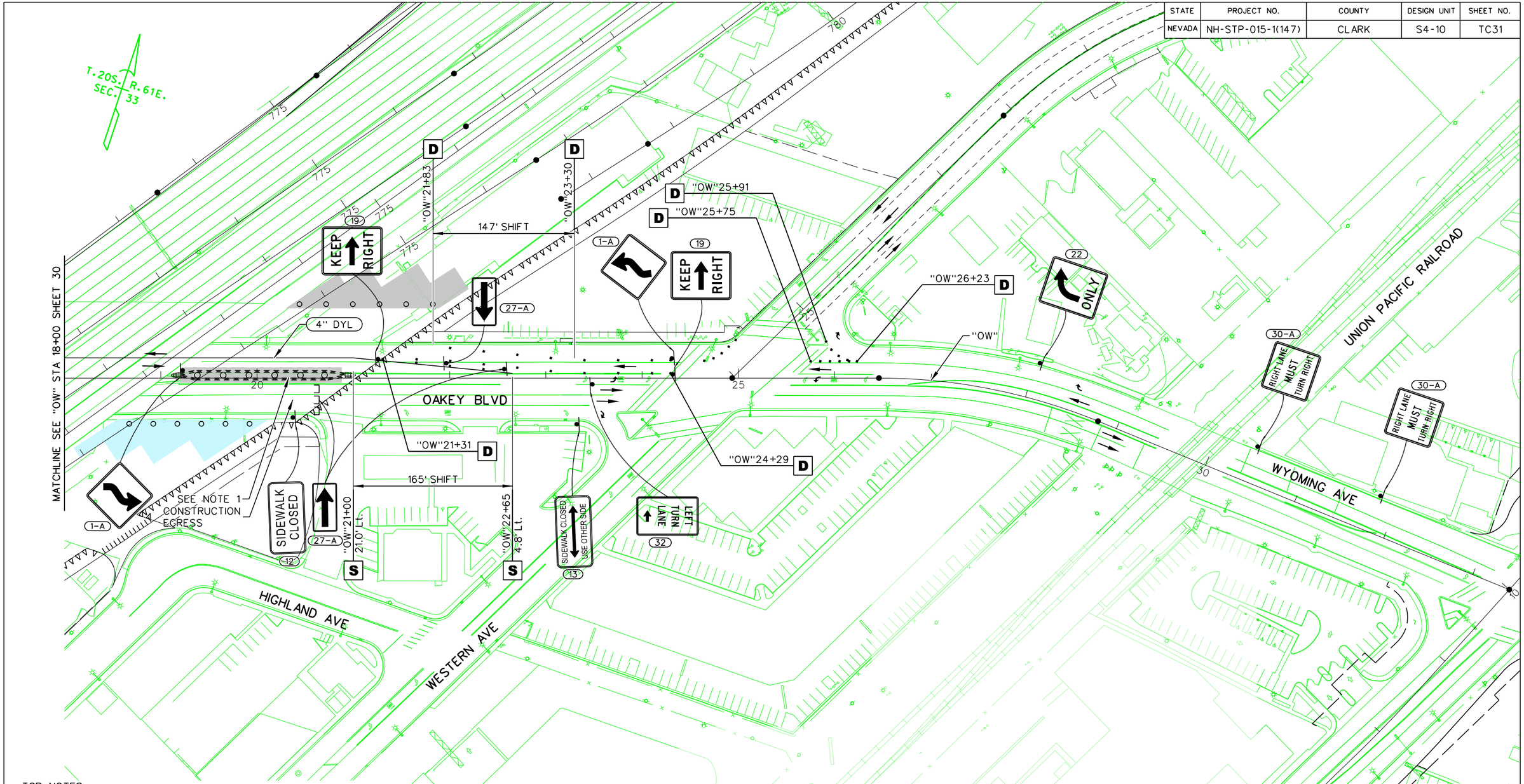
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC31



TCP NOTES:
1. CONCRETE BARRIERS AND ATTENUATORS SHALL BE USED TO PROTECT BRIDGE COLUMNS UNTIL PERMANENT CURB IS CONSTRUCTED.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC31	7/1/16

6/30/2016
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PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
PHASE 1B – STAGE 1D

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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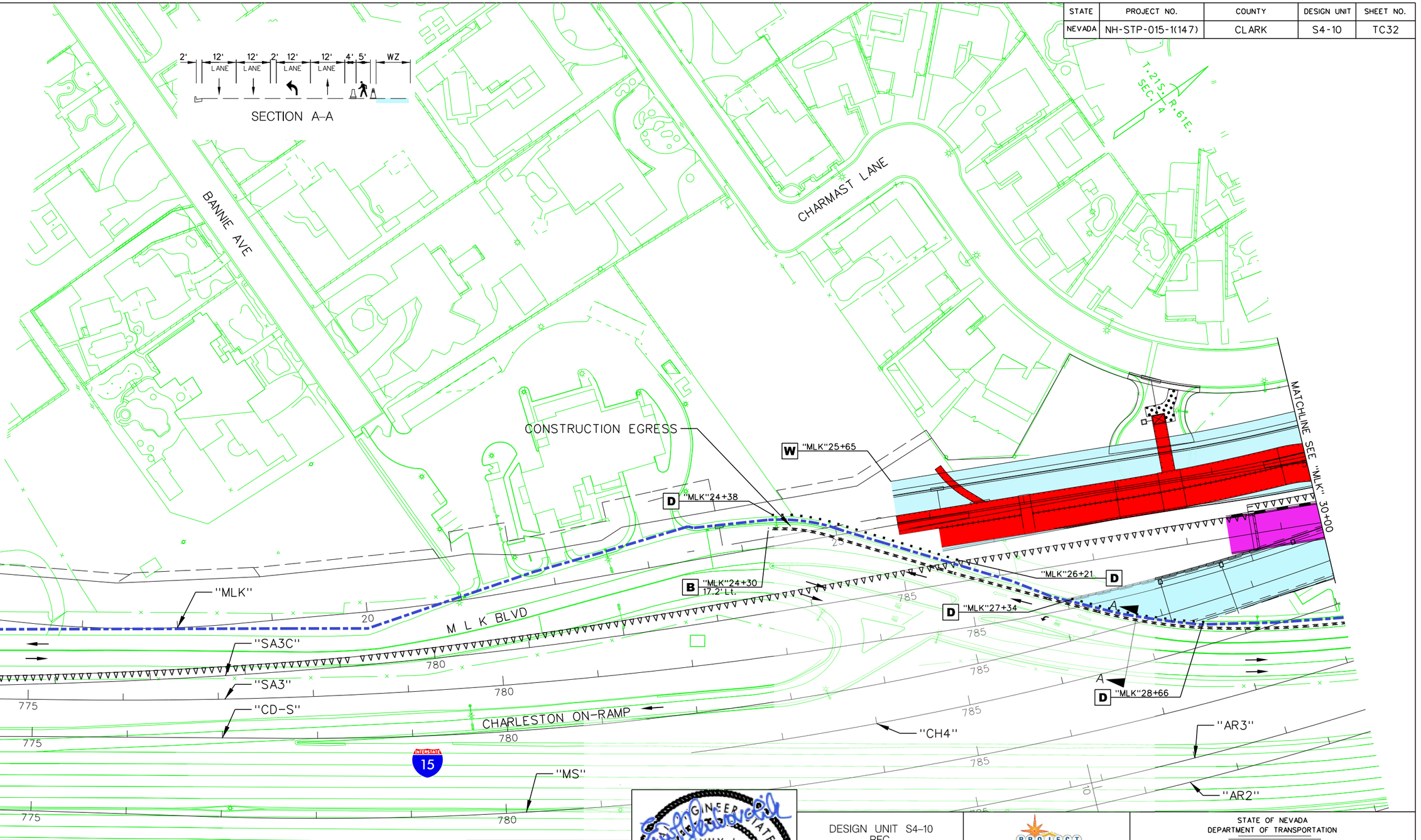
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC32

SECTION A–A



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CIVIL
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STATE OF NEVADA
07/01/2016

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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1A

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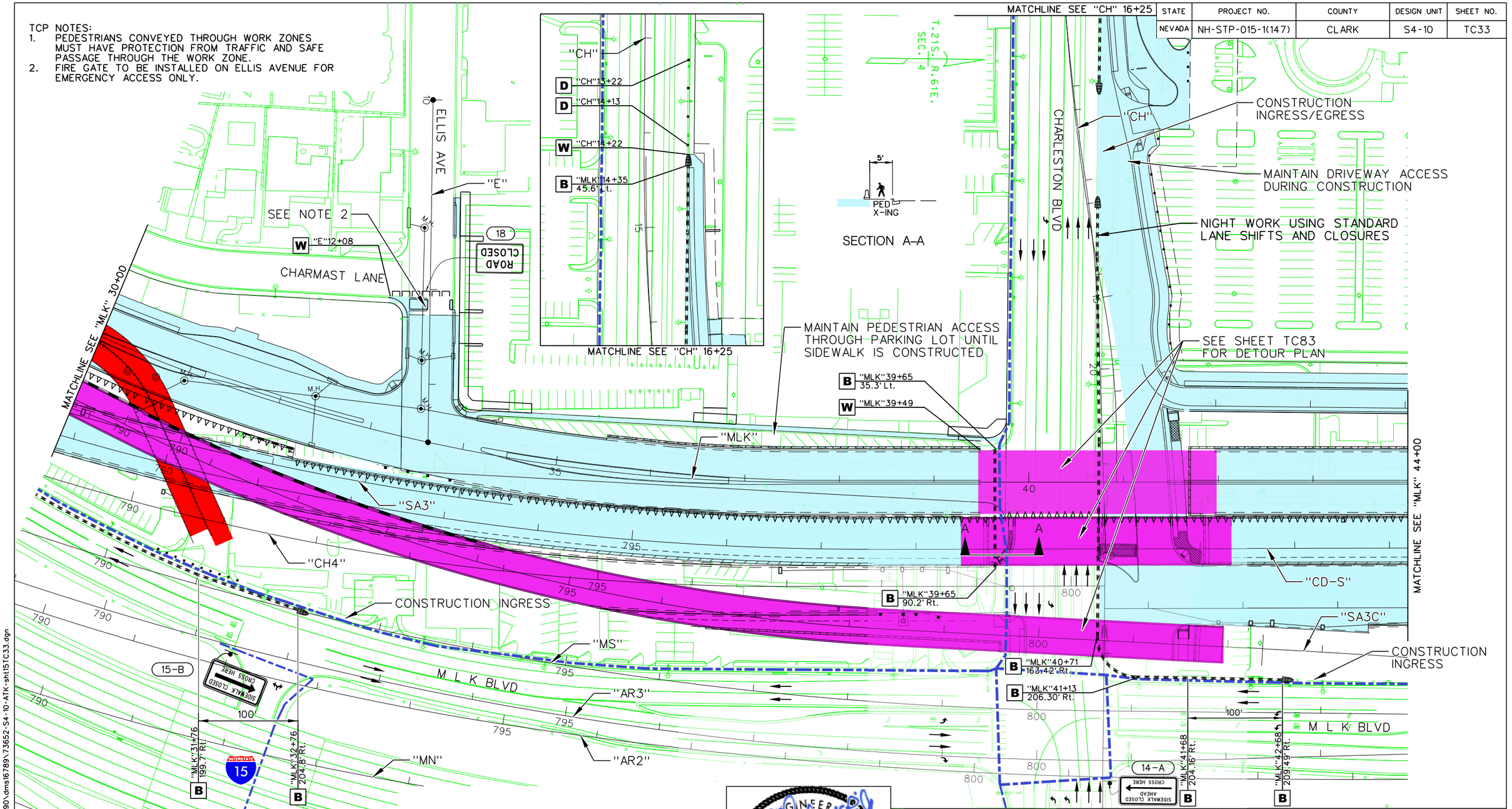
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC33

TCP NOTES:
1. PEDESTRIANS CONVEYED THROUGH WORK ZONES MUST HAVE PROTECTION FROM TRAFFIC AND SAFE PASSAGE THROUGH THE WORK ZONE.
2. FIRE GATE TO BE INSTALLED ON ELLIS AVENUE FOR EMERGENCY ACCESS ONLY.



NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
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JULY 1, 2016

PROJECT NEON Las Vegas
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STATE OF NEVADA
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TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1A

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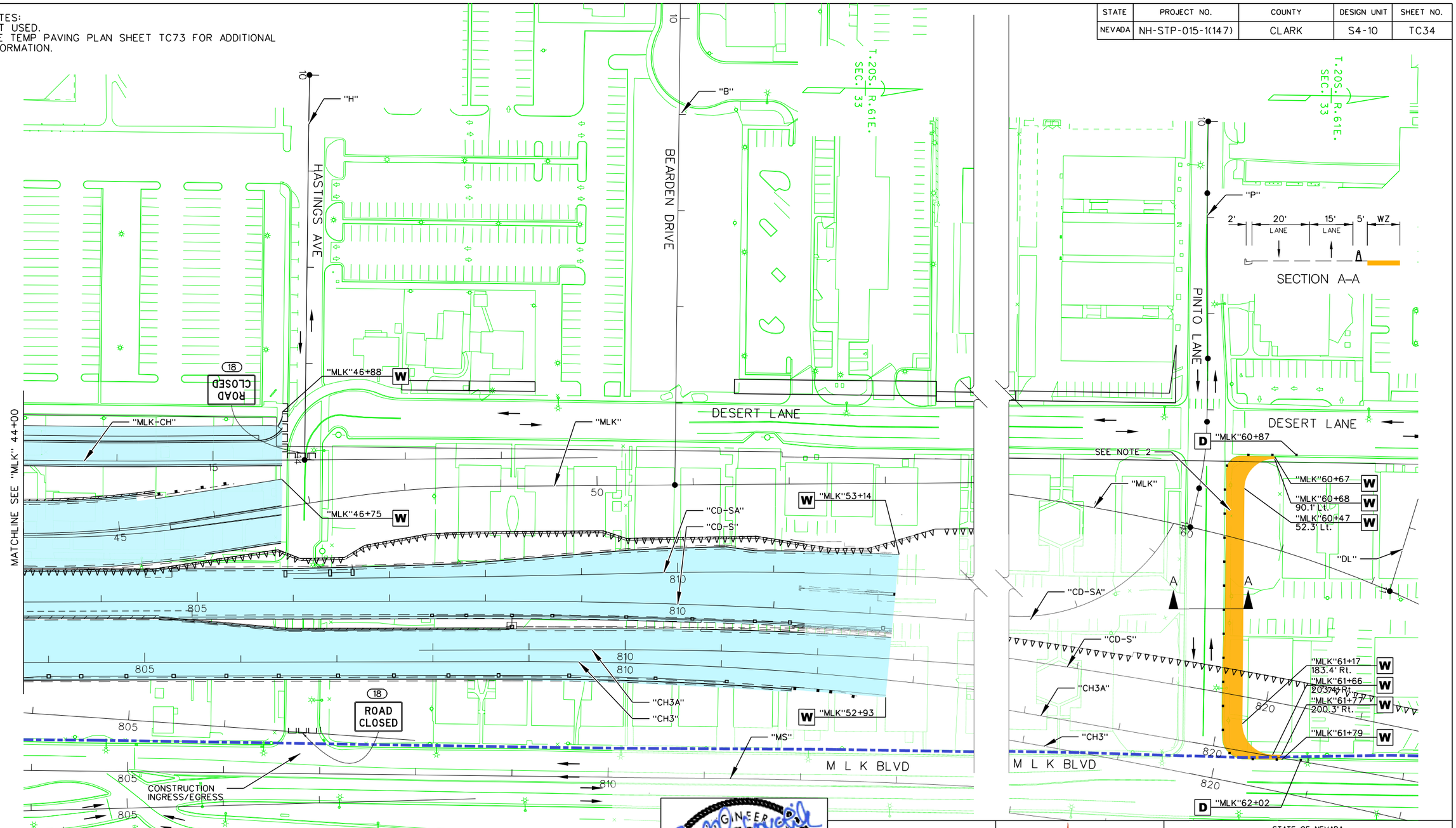
TCP NOTES:
1. NOT USED.
2. SEE TEMP PAVING PLAN SHEET TC73 FOR ADDITIONAL INFORMATION.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC34



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC34	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
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07/01/2016

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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN MLK BLVD PHASE 1A

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6:27:52 PM
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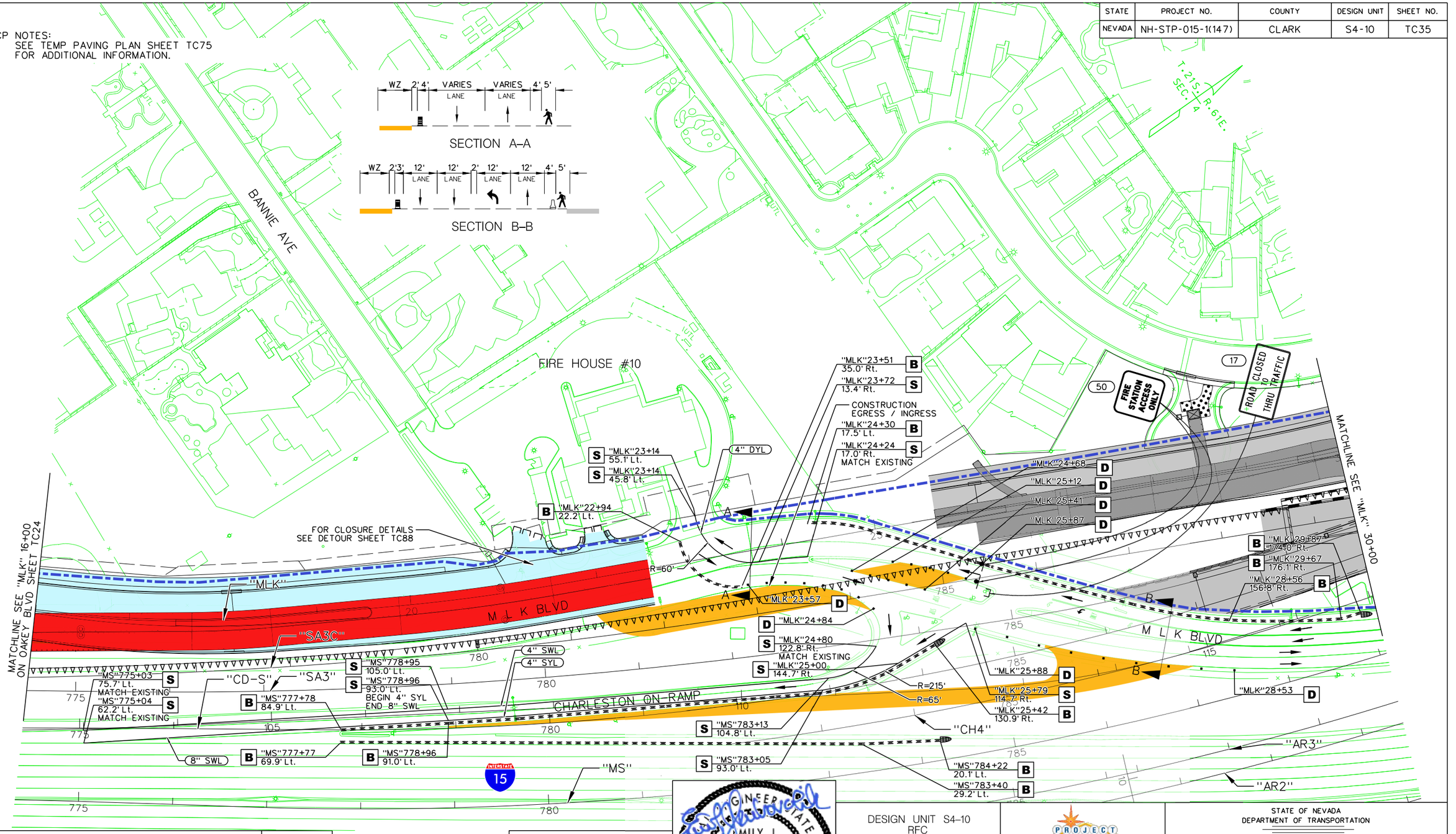
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC35

TCP NOTES:
1. SEE TEMP PAVING PLAN SHEET TC75 FOR ADDITIONAL INFORMATION.

SECTION A–A

SECTION B–B



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC35	7/1/16

EMILY J. LUBOVCHIK
Exp. 06/30/17
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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 1

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6:29:35 PM
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC36

T.21S., R.61E., SEC. 4

ELLIS AVE

CHARMAST LANE

ROAD CLOSED

18

MATCHLINE SEE "MLK" 30+00

"CH"

D "CH"17+82

D "CH"18+81

CHARLESTON BLVD

"MLK"

"SA3"

"CH4"

"MS"

"AR3"

"AR2"

"MN"

SHOULDER WORK

51

INTERSTATE 15

M L K BLVD

CMS

SEE SHEET TC88 FOR THROUGH TRAFFIC DETOUR

17

ROAD CLOSED TO THRU TRAFFIC

DESERT LANE

"CD-S"

"CH"22+05 D

"CH"23+24 D

"SA3C"

MATCHLINE SEE "MLK" 44+00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC36	7/1/16

CMS MESSAGE:

MLK CLOSED AHEAD

SB 1-15 ACCESS

PROFESSIONAL ENGINEER STATE OF NEVADA
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JULY 1, 2016

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

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STATE OF NEVADA
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TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 1

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6:31:04 PM
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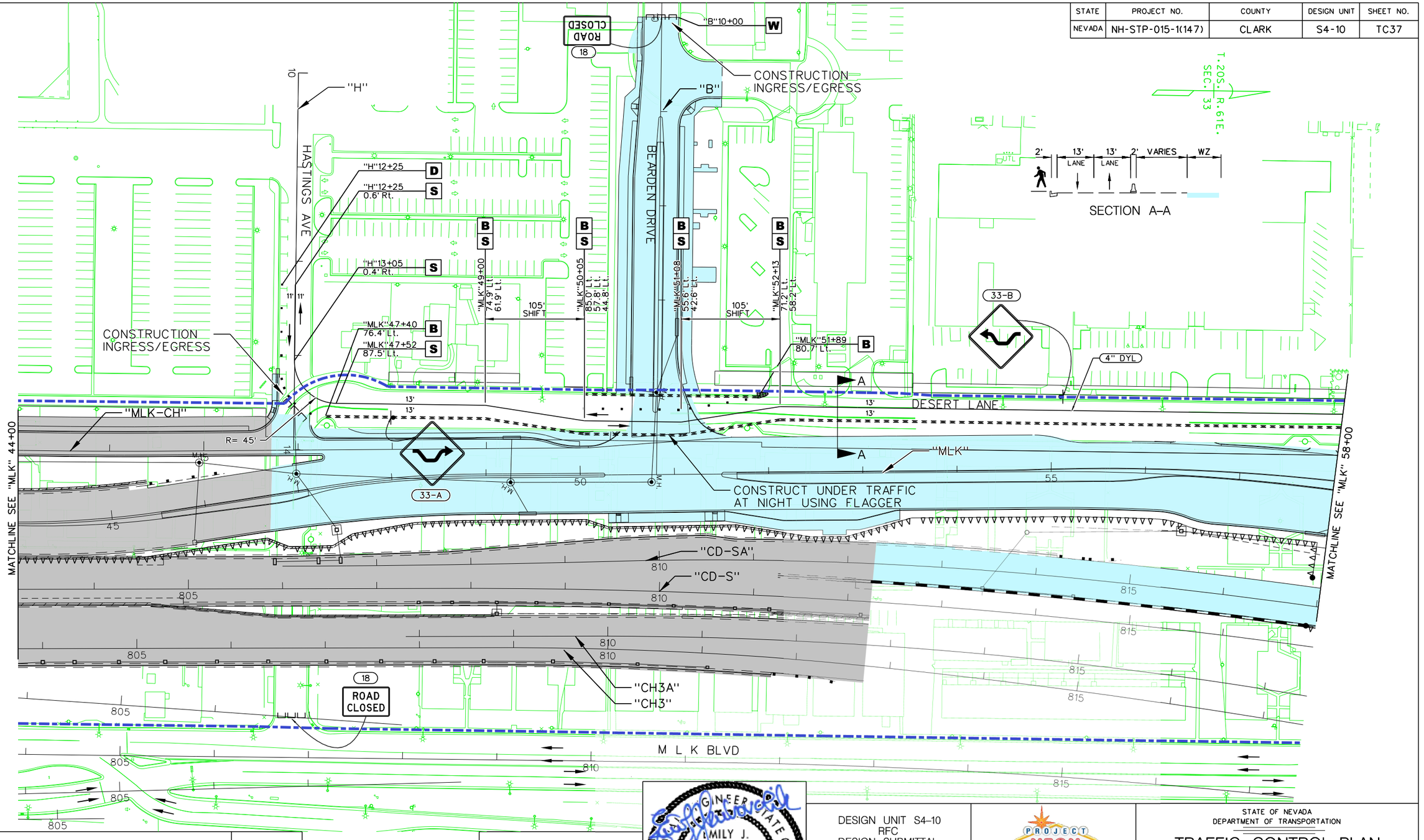
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC37



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC37	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 1

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC38

EXISTING STOP SIGN TO REMAIN-IN-PLACE

PINTO LANE

KENYON PLACE

DESERT LN

ALTA DRIVE

M L K BLVD

SECTION A–A

2' | 13' LANE | 13' LANE | 3' | WZ

T.20S., R.61E., SEC. 33

MATCHLINE SEE "MLK" 58+00

"MLK"59+60 106.5' Lt.

"MLK"59+76 96.4' Lt.

"MLK"60+28 74.4' Lt.

"MLK"60+74

"MLK"61+55

"MLK"62+36

"MLK"63+46

"AL"

4" DYL

SEE NOTE 1

"MLK"60+16 69.5' Lt.

"P"

27-B

SEE SHEET TC76 FOR TEMP PAVING INFORMATION

"DL"

"MLK"

4" DYL

"MS"819+90 189.5' Lt.

"MS"819+91

"MS"820+12 120.4' Lt.

"MS"820+79

"MS"819+51

"CH3A"

"CH3"

245' MERGE

"CH3A"820+48

"CH3A"822+91

ARROW BOARD

"MS"

"CH2"

"MN"

"CH-AL"

SEE SHEET TC48 FOR TRAFFIC CONTROL DETAILS

LEFT LANE CLOSED AHEAD

TCP NOTES:
1. FIELD ADJUST BARRIER RAIL TO COMPLETE CONSTRUCTION TIE IN.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC38	7/1/16

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 1

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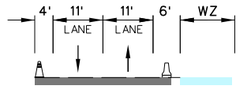
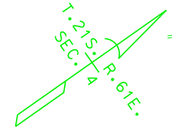
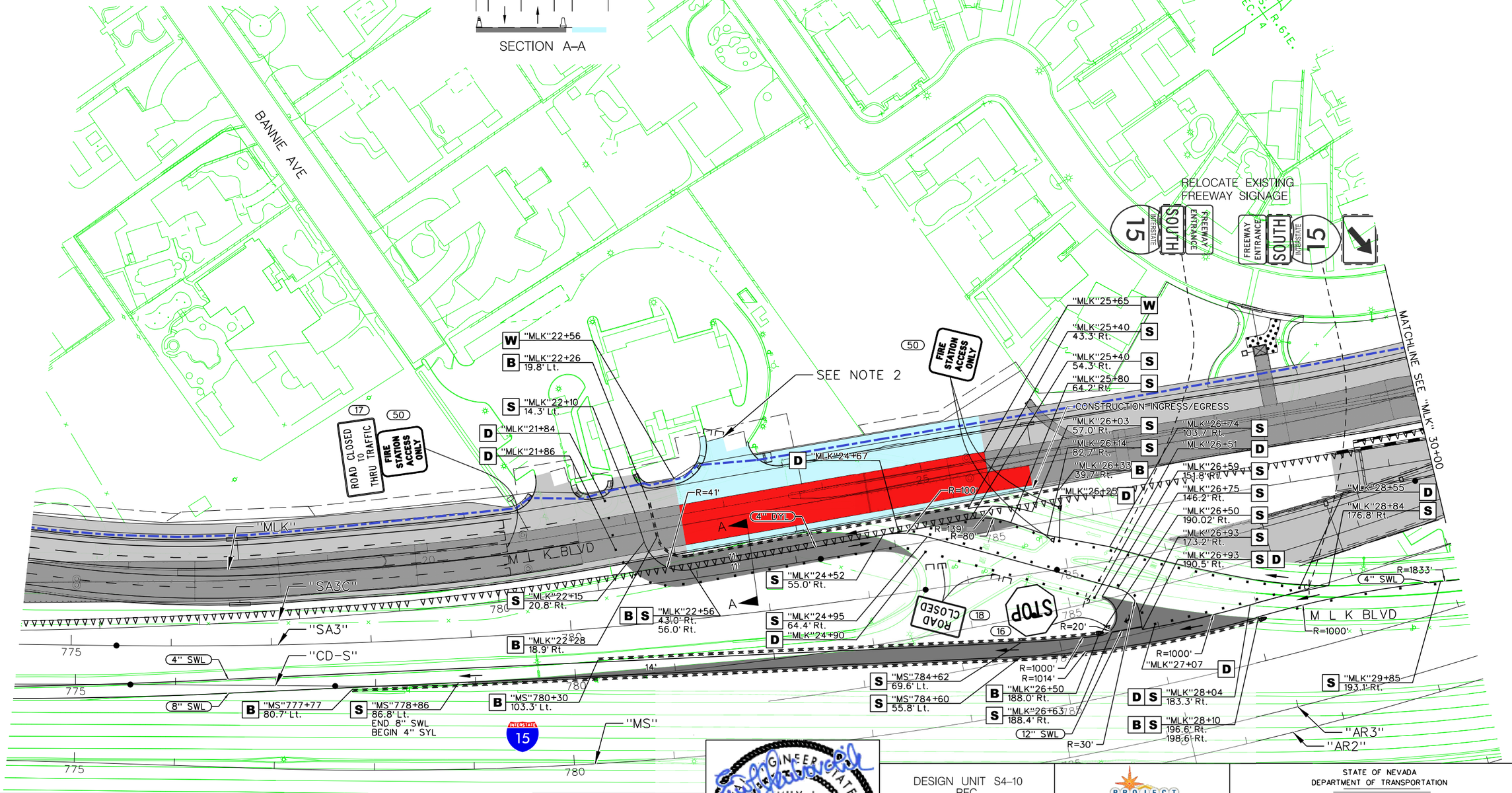
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC39

TCP NOTES:
1. CONSTRUCTION OF OAKEY BOULEVARD WILL BE COMPLETED BY THIS PHASE.
2. COORDINATE CONSTRUCTION OF FIRE STATION DRIVEWAY WITH CLV FIRE TO ENSURE TRUCKS CAN BE ACCOMMODATED DURING CONSTRUCTION.



SECTION A–A





NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC39	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
OHSU OREGON HEALTH & SCIENCE UNIVERSITY
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 2

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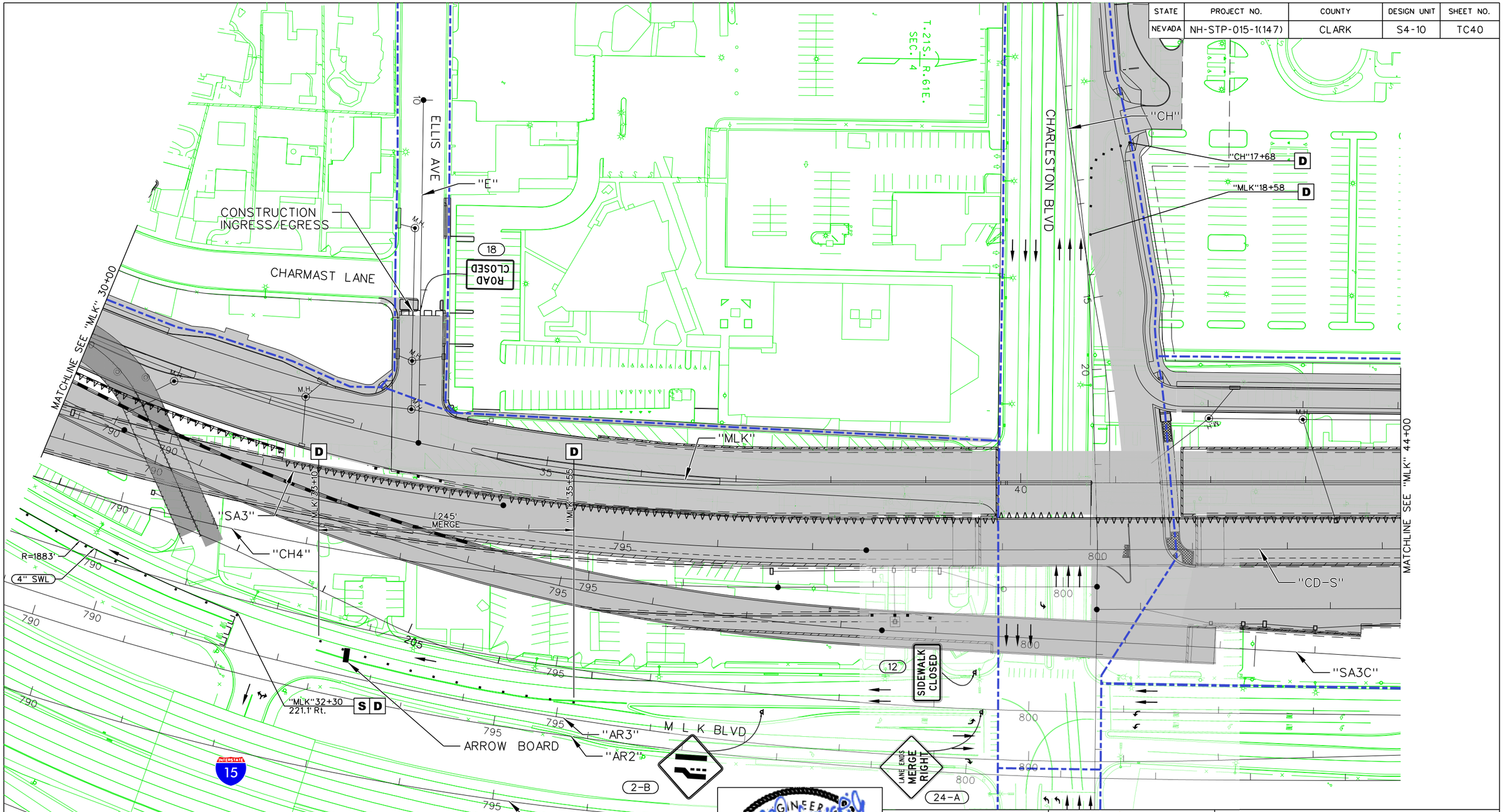
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC40



NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER STATE OF NEVADA
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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 2

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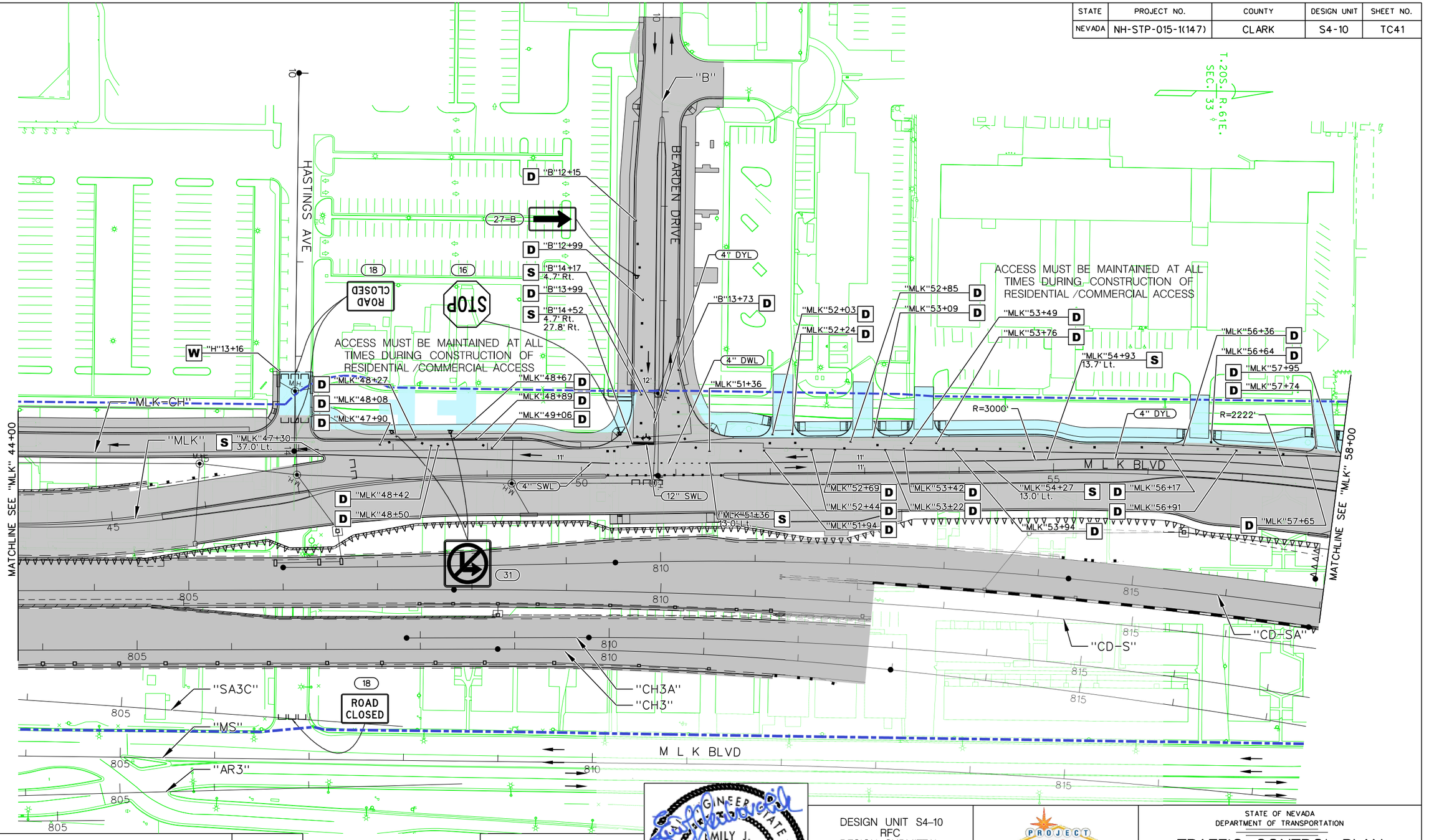
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC41



NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER STATE OF NEVADA
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Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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RFC
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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 2

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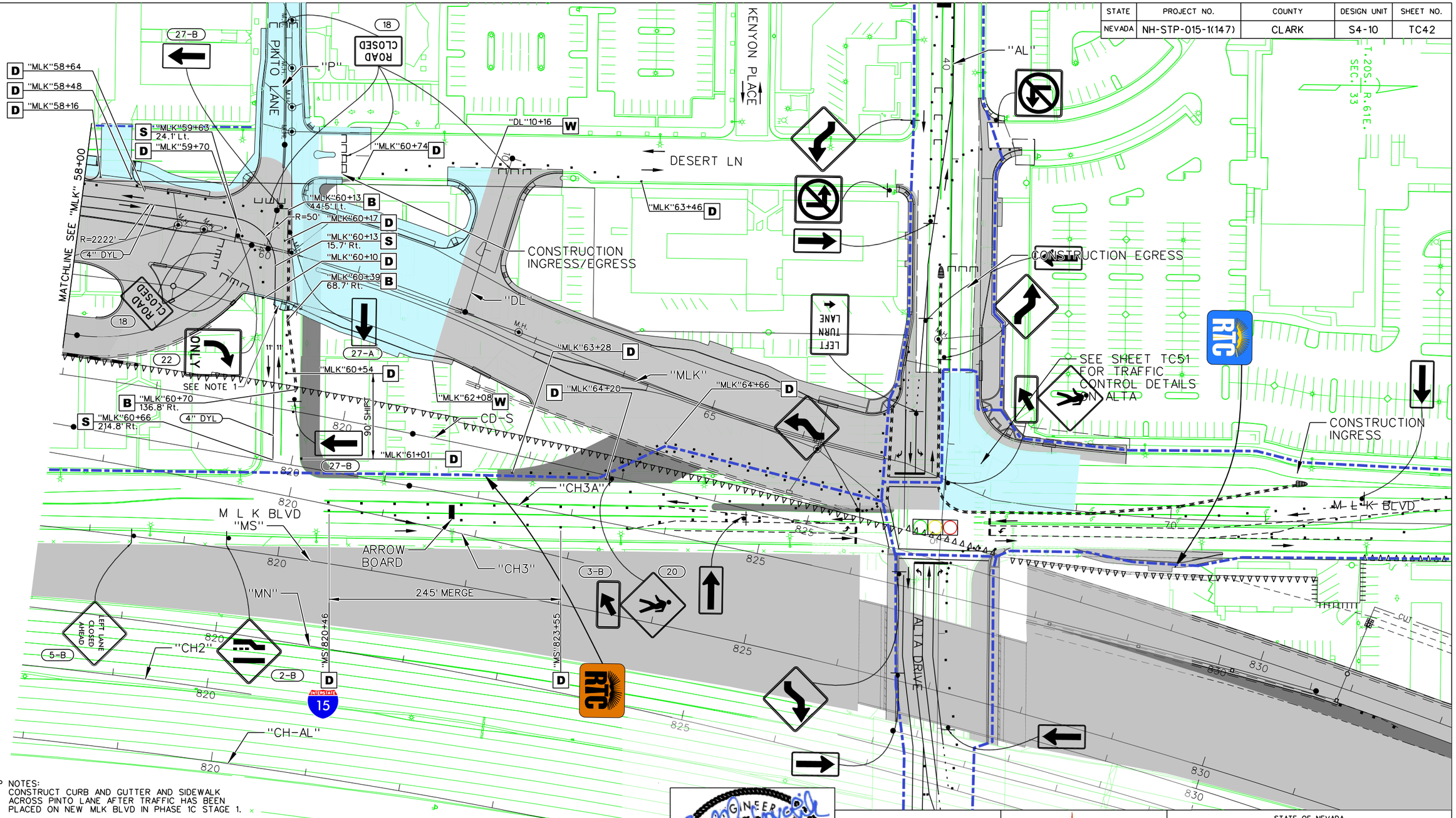
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC42



TCP NOTES:
1. CONSTRUCT CURB AND GUTTER AND SIDEWALK ACROSS PINTO LANE AFTER TRAFFIC HAS BEEN PLACED ON NEW MLK BLVD IN PHASE 1C STAGE 1.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC42	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
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07/01/2016

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B – STAGE 2

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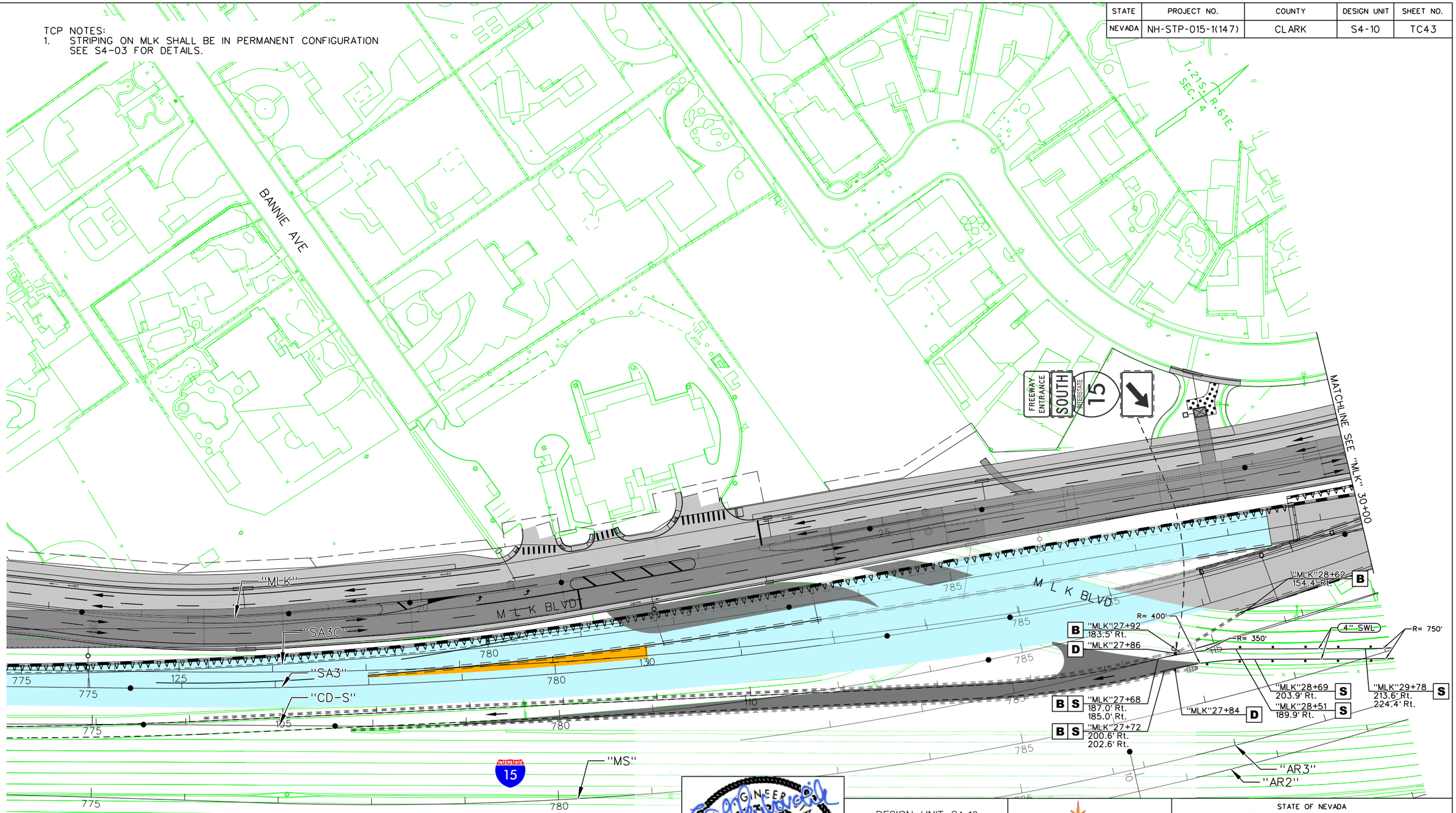
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC43

TCP NOTES:
1. STRIPING ON MLK SHALL BE IN PERMANENT CONFIGURATION SEE S4-03 FOR DETAILS.



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC43	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1C – STAGE 1

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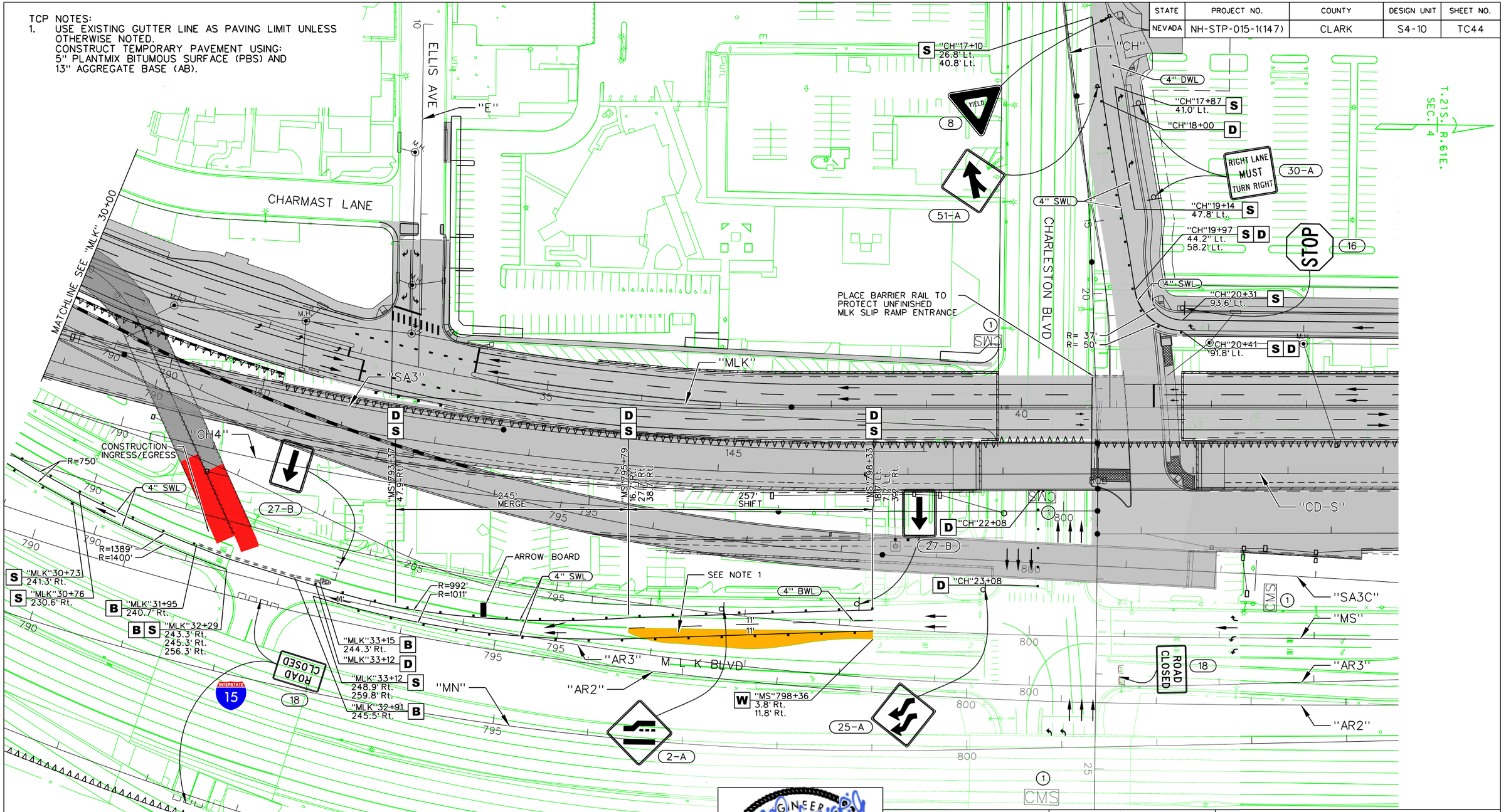
REVIEWED BY	EK

6/30/2016
6:41:06 PM
c:\pw_work\atknanv01\pode6190\dms16789\73652-S4-10-ATK-sht15TC43.dgn

TCP NOTES:
1. USE EXISTING GUTTER LINE AS PAVING LIMIT UNLESS OTHERWISE NOTED.
CONSTRUCT TEMPORARY PAVEMENT USING:
5" PLANTMIX BITUMOUS SURFACE (PBS) AND
13" AGGREGATE BASE (AB).

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC44



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC44	7/1/16

-CMS SIGN MESSAGES-
(1) MLK CLOSED I-15 SB ACCESS ONLY

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1C – STAGE 1

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

DESIGNED BY JP
DRAWN BY JP
CHECKED BY MM
REVIEWED BY EK

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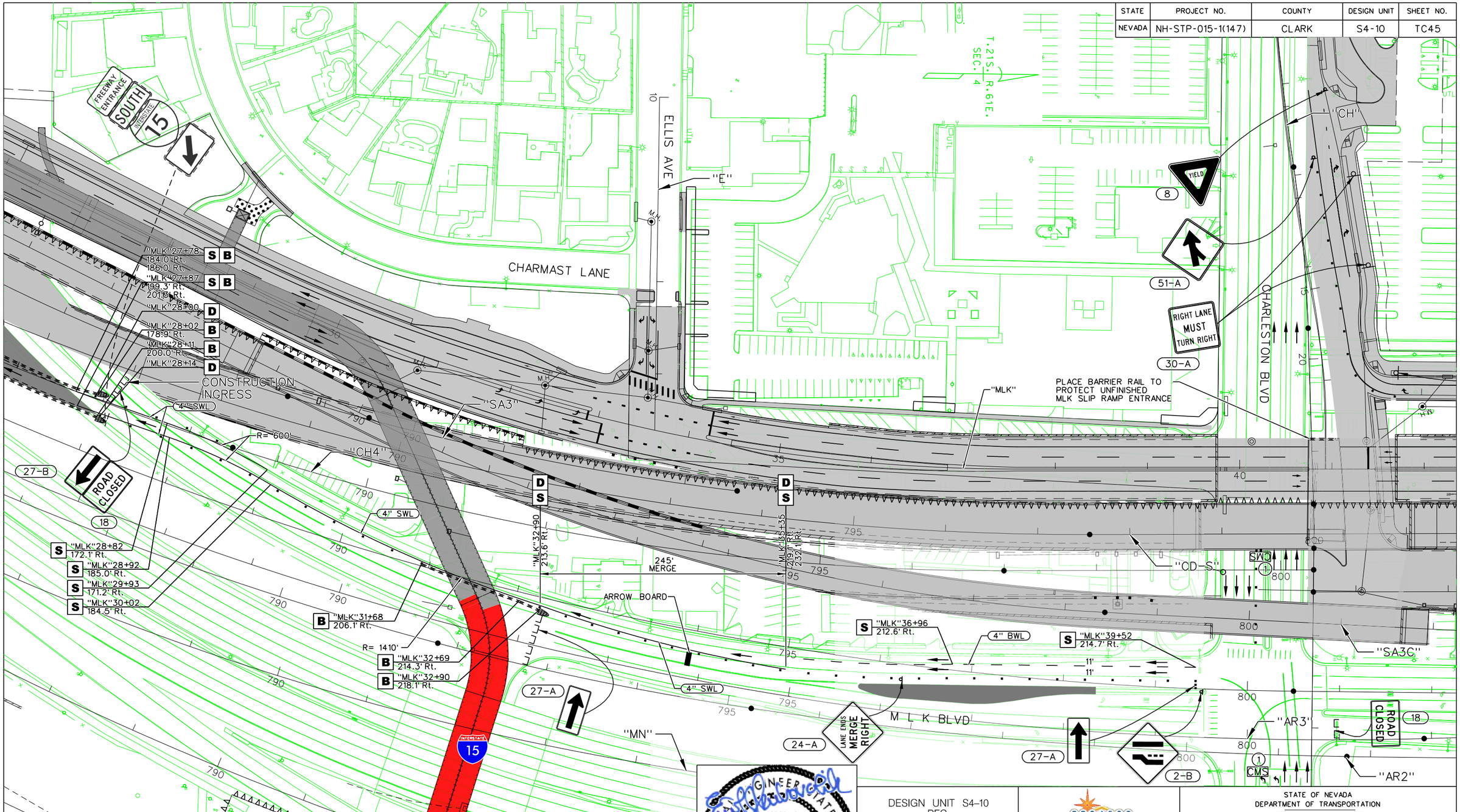
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC45



0	RFC - 73652-S4-10-ATK-SHT15TC45	7/1/16
NO.	DESCRIPTION	DATE

-CMS SIGN MESSAGES-

1	MLK CLOSED	I-15 SB ACCESS ONLY

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EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
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DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1C – STAGE 2

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	S4-10	TC46

MLK BLVD

ALTA DR

"MLK"70+56

"MLK"69+02

"MLK"68+39

"MLK"69+46

"AL"40+36

"AL"45+14

"AL"47+11

"AL"46+97

SEE NOTE 1

SEE NOTE 2

SEE NOTE 3

SEE SHEET TC82
FOR DETOUR PLAN

REMOVE ALL TACK ON
CURB AT INTERSECTION.
SEE NOTE 2.

"MLK"

T.20S. R.61E.
SEC. 33

TCP NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT ONE SIDE OF THE STREET AT A TIME TO SEQUENCE PEDESTRIAN TRAFFIC AROUND THE WORK ZONE.
2. CONSTRUCT TEMPORARY PAVEMENT WITH STANDARD LANE CLOSURES PRIOR TO BEGINING CONSTRUCTION IN THIS PHASE
3. CONSTRUCT DRILLED SHAFTS AND COLUMNS ON ONE SIDE OF THE STREET AT A TIME TO SEQUENCE PEDESTRIAN TRAFFIC AROUND THE WORK ZONE.
4. COORDINATE WITH CLARK COUNTY SCHOOL DISTRICT TO TEMPORARILY RELOCATE SCHOOL BUS STOP ON NW CORNER.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC46	7/1/16

PROFESSIONAL ENGINEER
EMILY J. LUBOVCHIK
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STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS JOINT VENTURE
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1A – STAGE 1

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

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC47

DEAUVILLE ST

SHADOW LN

ALTA DRIVE

T.20S. R.61E.
SEC. 33

"AL"

"AL" 39+75

4" SYL

"AL" 36+87

"AL" 40+00

MATCHLINE SEE

11'

11'

180' MERGE

152' SHIFT

"AL" 35+96

"AL" 37+76

KENYON PLACE

25

30

35

BIKE LANE CLOSED AHEAD
44

MAY USE FULL LANE
45

RIGHT LANE CLOSED AHEAD
5-A

2-A

31

1-B

RTC

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC47	7/1/16

PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 1

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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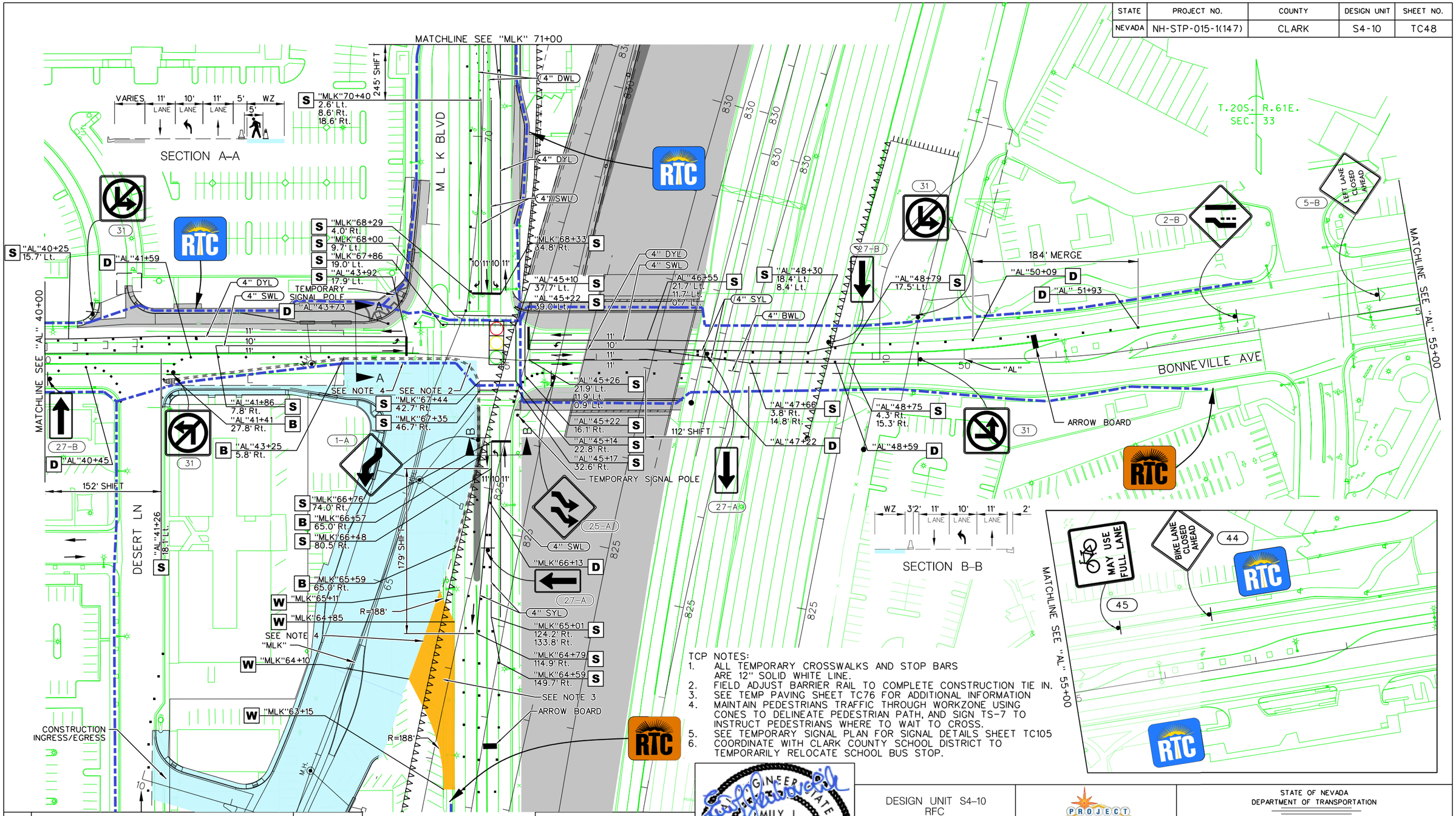
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC48



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. FIELD ADJUST BARRIER RAIL TO COMPLETE CONSTRUCTION TIE IN.
3. SEE TEMP PAVING SHEET TC76 FOR ADDITIONAL INFORMATION
4. MAINTAIN PEDESTRIANS TRAFFIC THROUGH WORKZONE USING CONES TO DELINEATE PEDESTRIAN PATH, AND SIGN TS-7 TO INSTRUCT PEDESTRIANS WHERE TO WAIT TO CROSS.
5. SEE TEMPORARY SIGNAL PLAN FOR SIGNAL DETAILS SHEET TC105
6. COORDINATE WITH CLARK COUNTY SCHOOL DISTRICT TO TEMPORARILY RELOCATE SCHOOL BUS STOP.

SEE SHEET TC38 FOR CONTINUATION OF TRAFFIC CONTROL ON MLK

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC48	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
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DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 1

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Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
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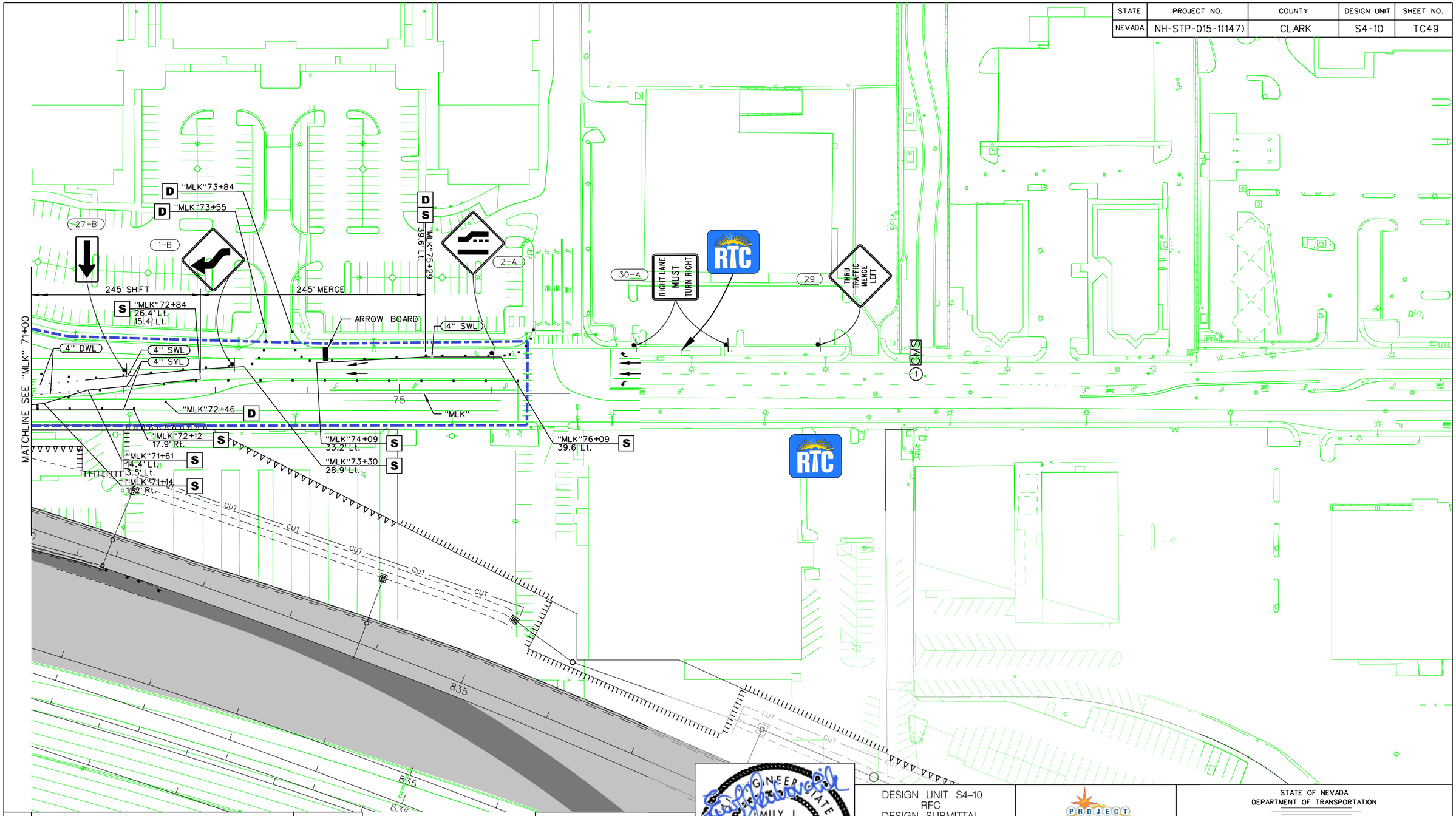
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC49



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC49	7/1/16

-CMS SIGN MESSAGES-

	ONE LANE AHEAD	THRU TRAFFIC MERGE LT
1		

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 1

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	S4-10	TC50

DEAUVILLE ST

ALTA DR

SHADOW LN

KENYON PL

25 30 35

"AL"

D "AL" 37+11

"AL" 38+25 S
0.8' Lt.

MATCHLINE SEE "AL" 40+00

11' 11' 4 11'

4" DYL

180' MERGE

31

RTC

RTC

BIKE LANE CLOSED AHEAD
44

MAY USE FULL LANE
45

LEFT LANE CLOSED AHEAD
5-B

2-B

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC50	7/1/16

PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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RFC
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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 2

ATKINS
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Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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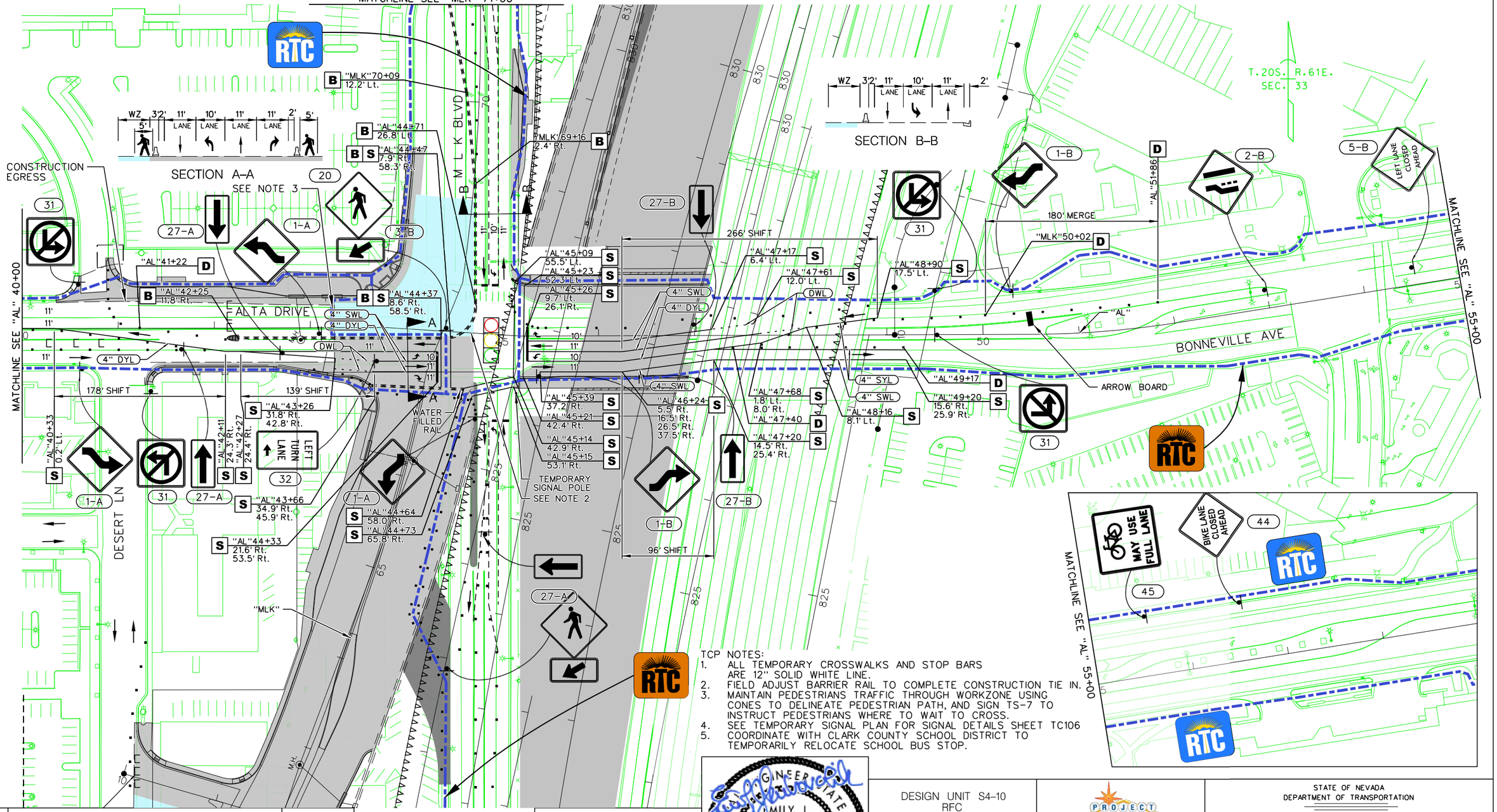
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC51



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. FIELD ADJUST BARRIER RAIL TO COMPLETE CONSTRUCTION TIE IN.
3. MAINTAIN PEDESTRIANS TRAFFIC THROUGH WORKZONE USING CONES TO DELINEATE PEDESTRIAN PATH, AND SIGN TS-7 TO INSTRUCT PEDESTRIANS WHERE TO WAIT TO CROSS.
4. SEE TEMPORARY SIGNAL PLAN FOR SIGNAL DETAILS SHEET TC106
5. COORDINATE WITH CLARK COUNTY SCHOOL DISTRICT TO TEMPORARILY RELOCATE SCHOOL BUS STOP.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC51	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 2

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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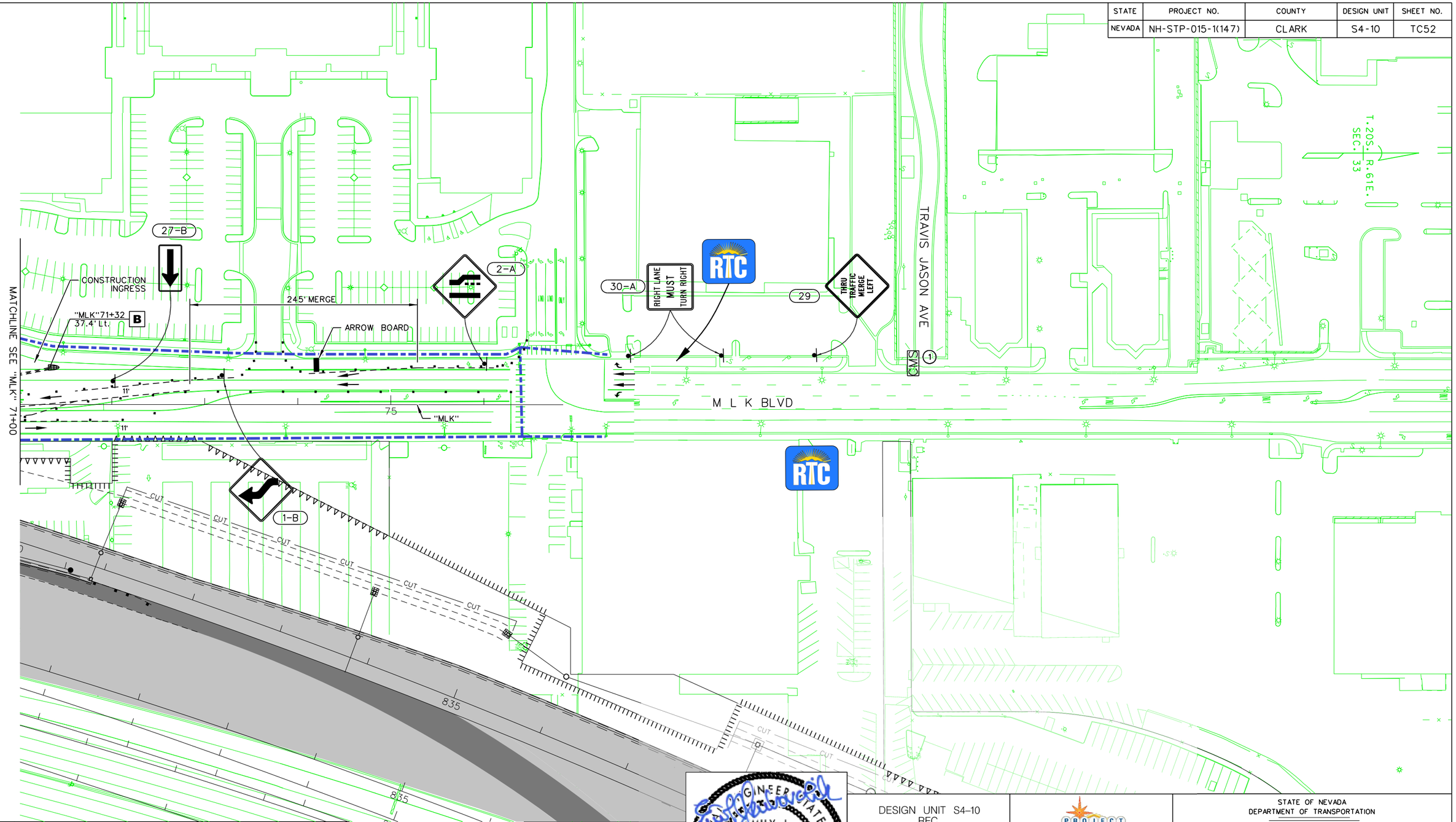
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC52



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC52	7/1/16

-CMS SIGN MESSAGES-

	ONE LANE AHEAD	THRU TRAFFIC MERGE LT
1		

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 2

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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	S4-10	TC53

DEAUVILLE ST

SHADOW LN

ALTA DRIVE

"AL"

25 30 35

T.20S. R.61E.
SEC. 33

CONC

UTL

PP

"AL"36+92 D

4" SYL

11'

11'

4

SEE "AL" 40+00

MATCHLINE

ARROW BOARD

180' MERGE

166' SHIFT

"AL"36+02 D

"AL"37+82 D

"AL"38+82 S

11.5' LT.
11.4' RT.

BIKE LANE CLOSED AHEAD
44

MAY USE FULL LANE
45

RIGHT LANE CLOSED AHEAD
5-A

2-A

RTC

1-B

27-A

KENYON PLACE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC53	7/1/16

PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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PROJECT NEON Las Vegas
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 3

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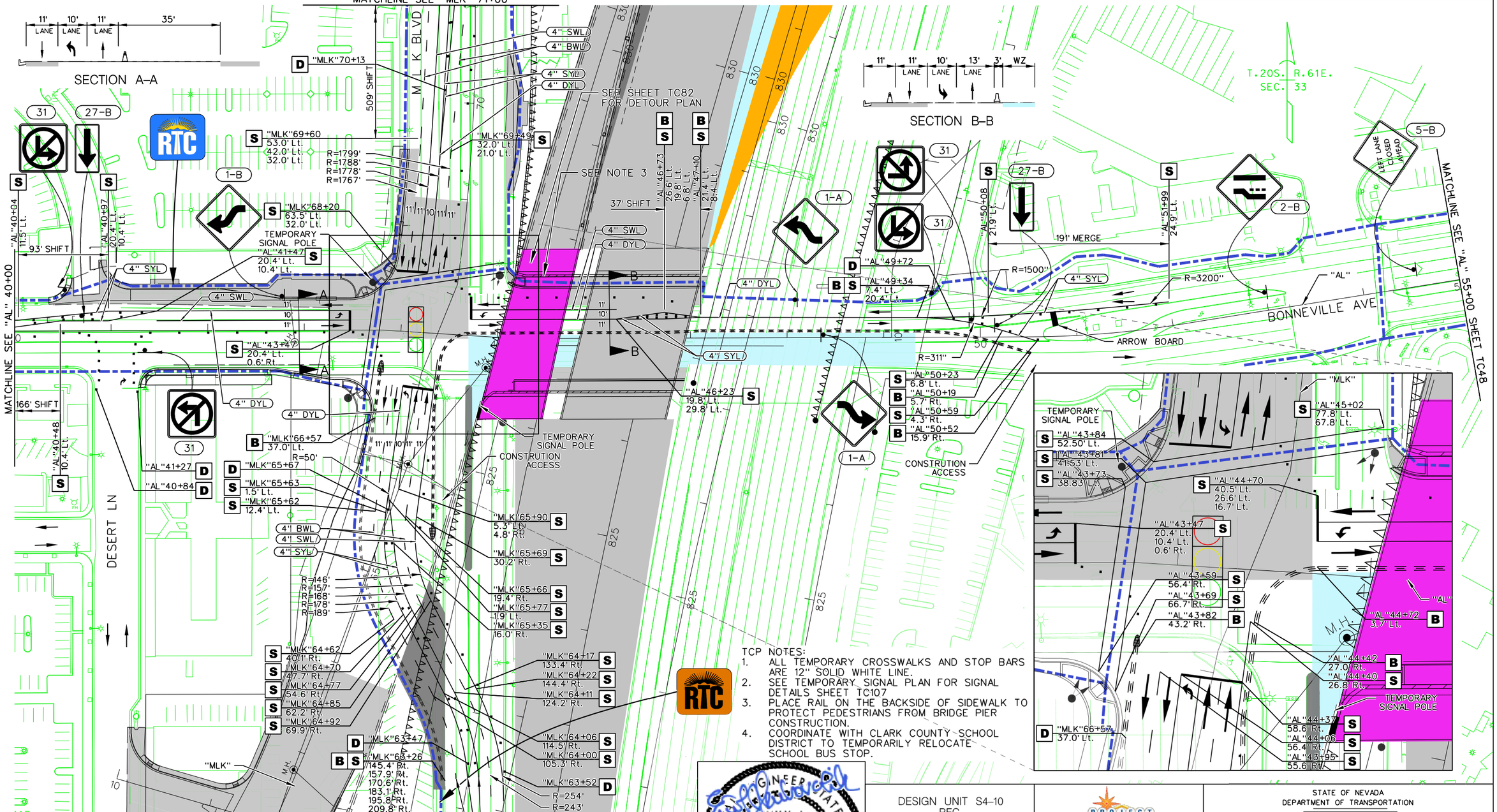
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC54



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. SEE TEMPORARY SIGNAL PLAN FOR SIGNAL DETAILS SHEET TC107
3. PLACE RAIL ON THE BACKSIDE OF SIDEWALK TO PROTECT PEDESTRIANS FROM BRIDGE PIER CONSTRUCTION.
4. COORDINATE WITH CLARK COUNTY SCHOOL DISTRICT TO TEMPORARILY RELOCATE SCHOOL BUS STOP.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC54	7/1/16

PROFESSIONAL ENGINEER — EMILY J. SOBOVCHIK — Exp. 06/30/17 — CIVIL — No. 13950 — STATE OF NEVADA — 07/01/2016

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JULY 1, 2016

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 3

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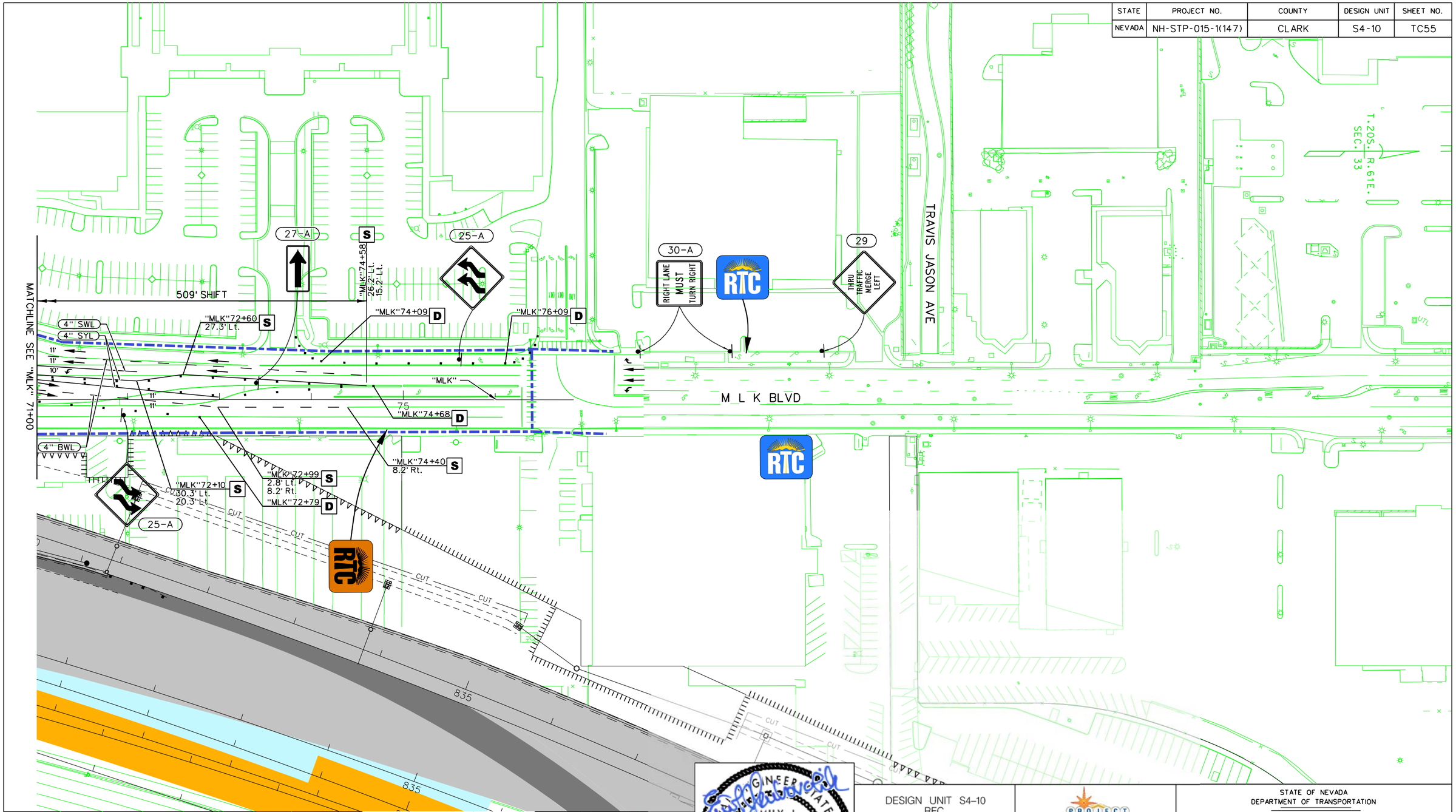
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC55



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC55	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. LUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
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JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 3

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC56

DEAUVILLE ST

SHADOW LN

ALTA DRIVE

25 30 35

T.20S. R.61E.
SEC. 33

CONC

31

RTC

ARROW BOARD

180' MERGE

"AL" 37+08

"AL" 38+88

D

D

MATCHLINE SEE "AL" 40+00

BIKE LANE CLOSED AHEAD

44

MAY USE FULL LANE

45

LEFT LANE CLOSED AHEAD

5-B

RTC

2-B

KENYON PLACE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC56	7/1/16

EMILY J. KUBOVCHIK
PROFESSIONAL ENGINEER
STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
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JULY 1, 2016

PROJECT NEON Las Vegas

NEVADA DOT SAFE AND CONNECTED

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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 4

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Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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REVIEWED BY EK

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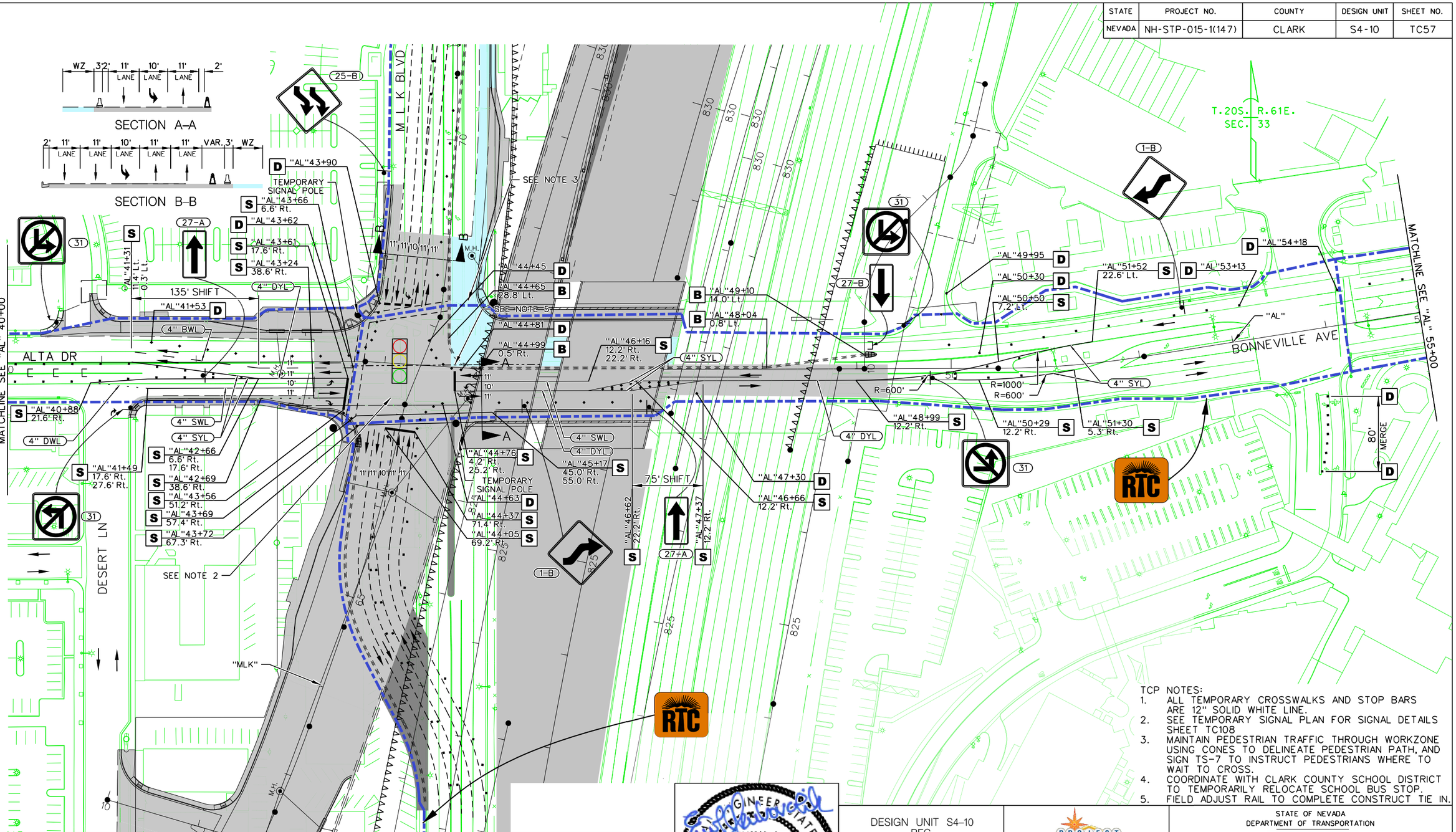
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC57



TCP NOTES:
1. ALL TEMPORARY CROSSWALKS AND STOP BARS ARE 12" SOLID WHITE LINE.
2. SEE TEMPORARY SIGNAL PLAN FOR SIGNAL DETAILS SHEET TC108
3. MAINTAIN PEDESTRIAN TRAFFIC THROUGH WORKZONE USING CONES TO DELINEATE PEDESTRIAN PATH, AND SIGN TS-7 TO INSTRUCT PEDESTRIANS WHERE TO WAIT TO CROSS.
4. COORDINATE WITH CLARK COUNTY SCHOOL DISTRICT TO TEMPORARILY RELOCATE SCHOOL BUS STOP.
5. FIELD ADJUST RAIL TO COMPLETE CONSTRUCT TIE IN.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC57	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. TUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

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RFC
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JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 4

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

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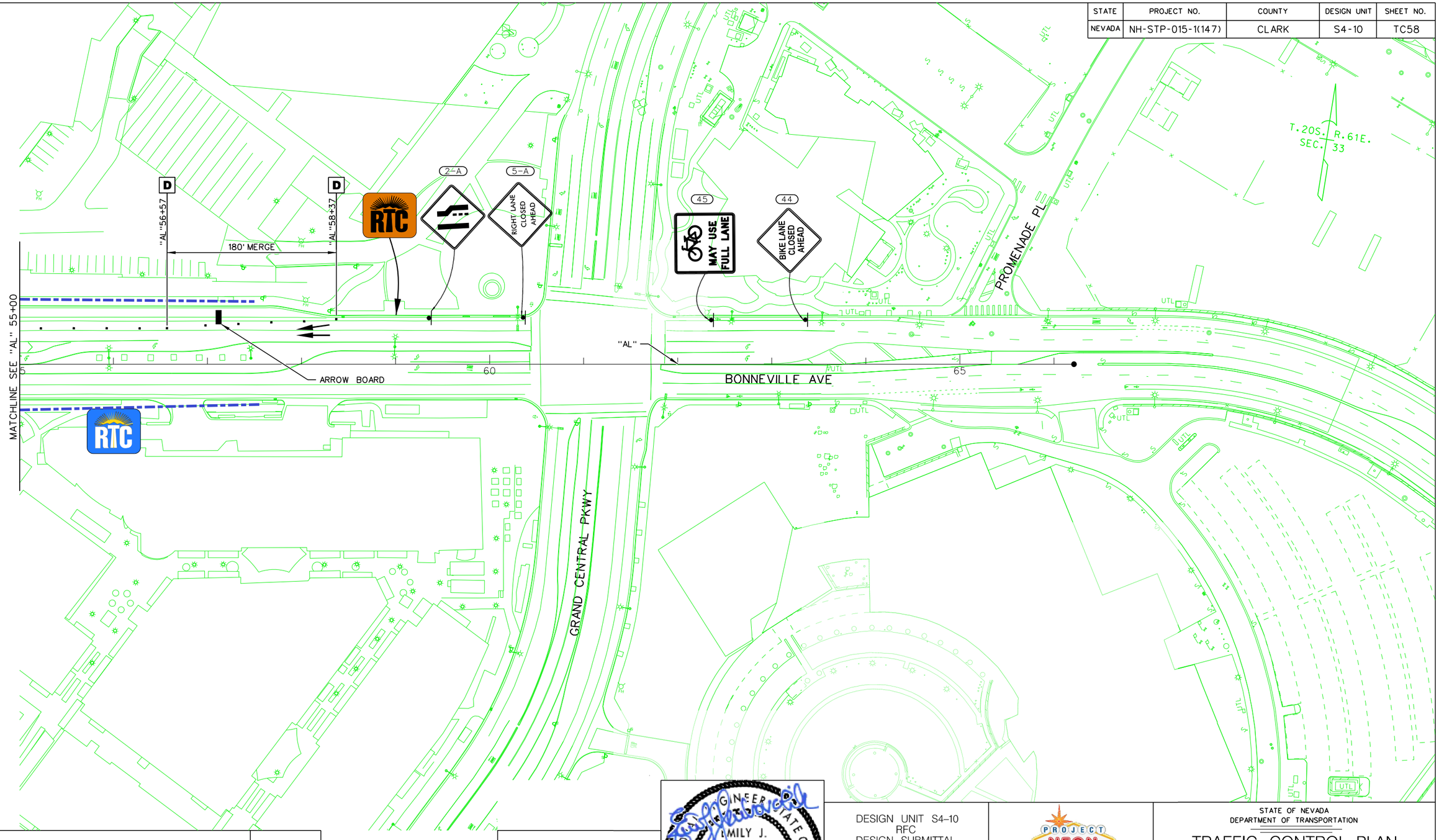
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC58



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC58	7/1/16

6/30/2016
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PROFESSIONAL ENGINEER
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
STATE OF NEVADA
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B – STAGE 4

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

DESIGNED BY ZR
DRAWN BY ZR
CHECKED BY JP
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC59

SEE ES CONNECTOR CLOSURE SHEETS TC60 & TC61

SEE NOTE 3

CLOSED

"MS"851+09
191.4' Lt.

"MS"851+26
166.5' Lt.

"MS"848+24
56.8' Lt.

"MS"848+40
29.8' Lt.

SEE NOTE 2

SYMPHONY PARK AVE

T. 20S., R. 61E.
SEC. 33

PATIO PARKING

TCP NOTES:

1. OPEN BARRIER FOR CONSTRUCTION ACCESS AT NIGHT AND ADD ATTENUATOR IF NECESSARY.
2. FOR TEMPORARY PAVEMENT DETAILS SEE SHEET TC78
3. TEMPORARY PAVING OPERATION WILL OCCUR AS A WEEKEND CLOSURE.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC59	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. TUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I-15 FREEWAY
PHASE 1A – STAGE 1

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

DESIGNED BY	ZR
DRAWN BY	ZR
CHECKED BY	JP
REVIEWED BY	EK

6/30/2016
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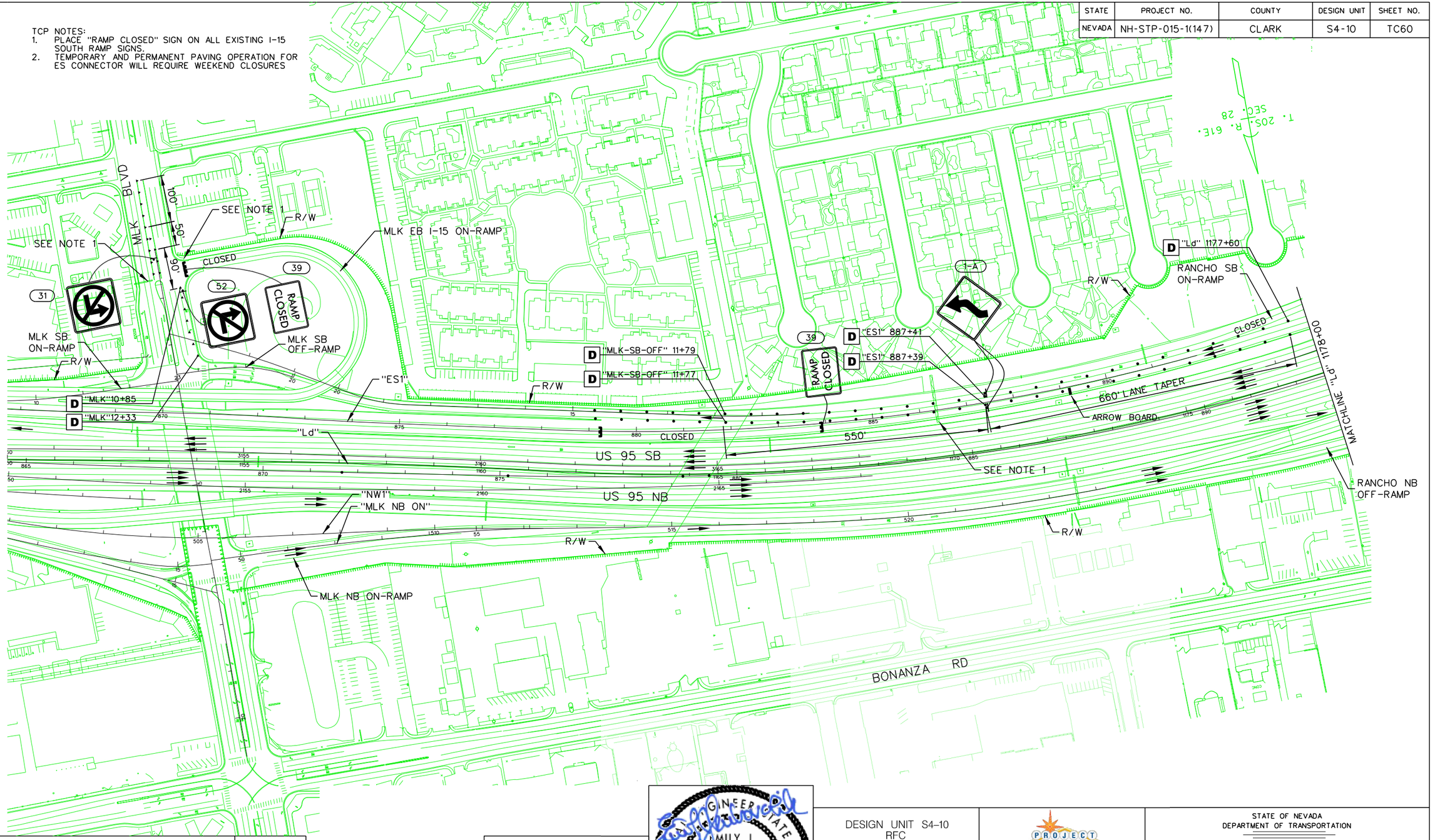
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC60

TCP NOTES:
1. PLACE "RAMP CLOSED" SIGN ON ALL EXISTING I-15 SOUTH RAMP SIGNS.
2. TEMPORARY AND PERMANENT PAVING OPERATION FOR ES CONNECTOR WILL REQUIRE WEEKEND CLOSURES



NO.	DESCRIPTION	DATE
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6/30/2016
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EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ES CONNECTOR CLOSURE
PHASE 1A – STAGE 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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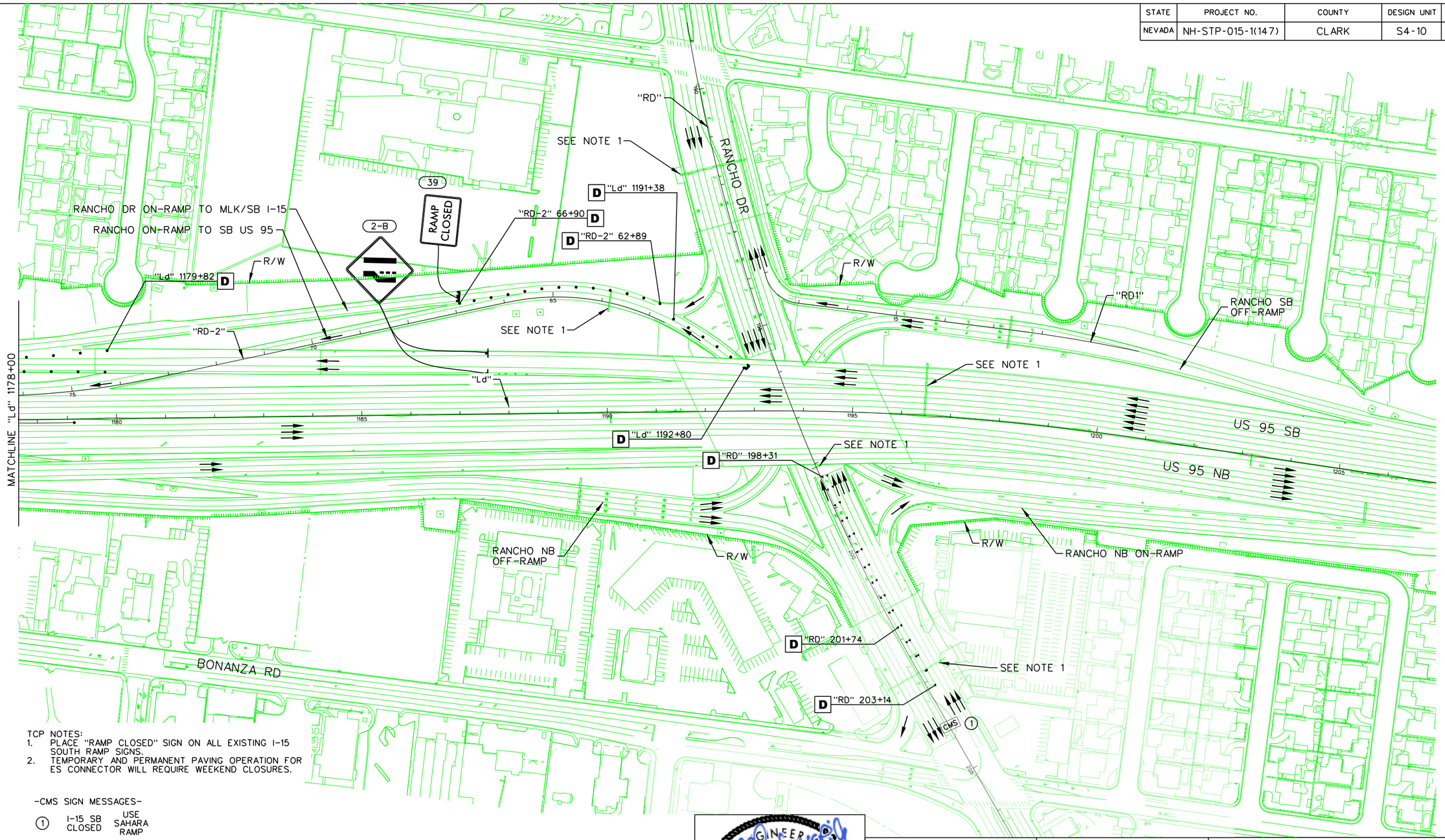
DRAWN BY	JP
CHECKED BY	MM
REVIEWED BY	EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC61



TCP NOTES:
1. PLACE "RAMP CLOSED" SIGN ON ALL EXISTING I-15 SOUTH RAMP SIGNS.
2. TEMPORARY AND PERMANENT PAVING OPERATION FOR ES CONNECTOR WILL REQUIRE WEEKEND CLOSURES.

-CMS SIGN MESSAGES-

1	I-15 SB CLOSED	USE SAHARA RAMP

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC61	7/1/16

EMILY J. TUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ES CONNECTOR CLOSURE
PHASE 1A – STAGE 1

ATKINS
2270 Corporate Circle
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Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
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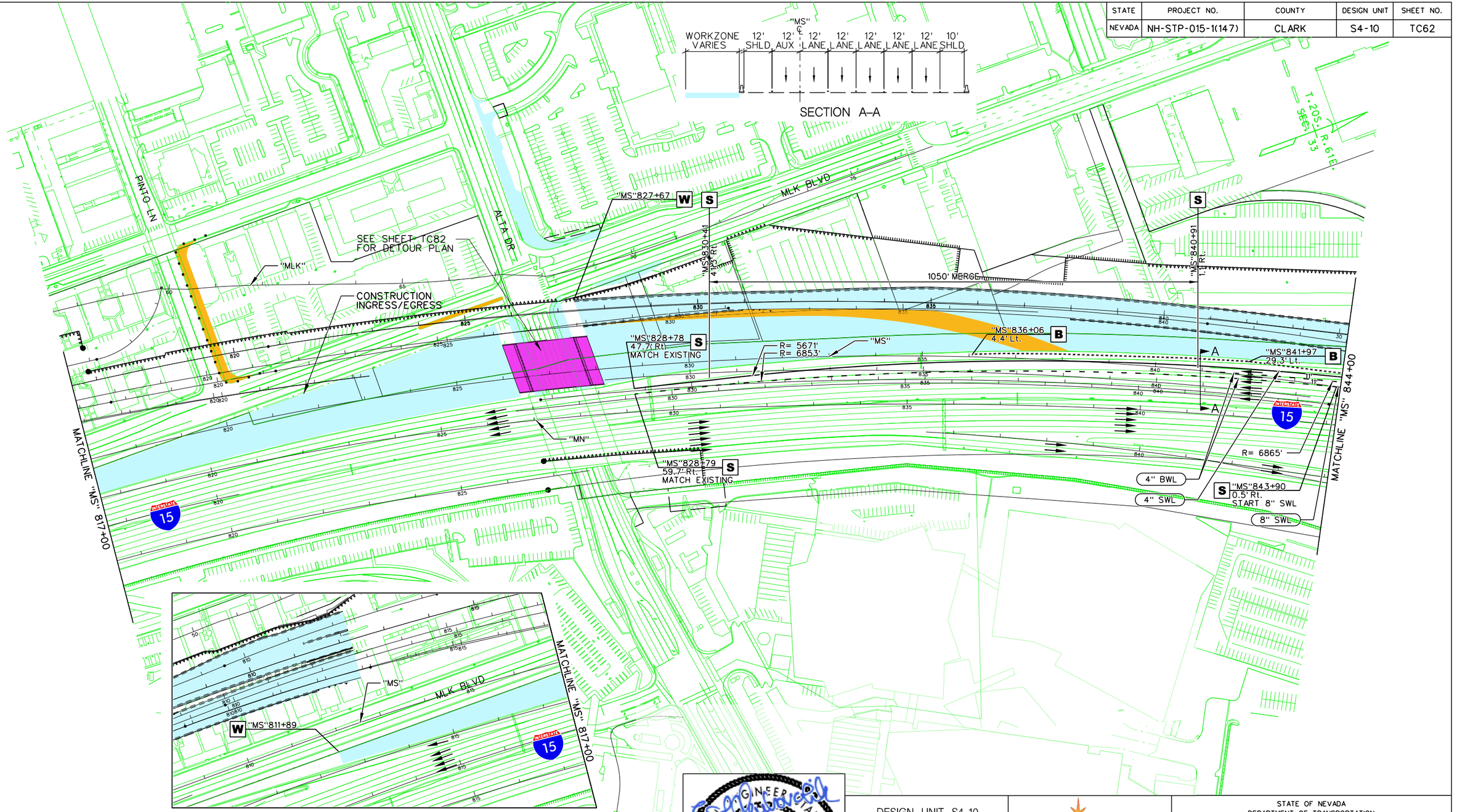
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC62



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6/30/2016
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PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4–10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I–15 FREEWAY
PHASE 1A – STAGE 2

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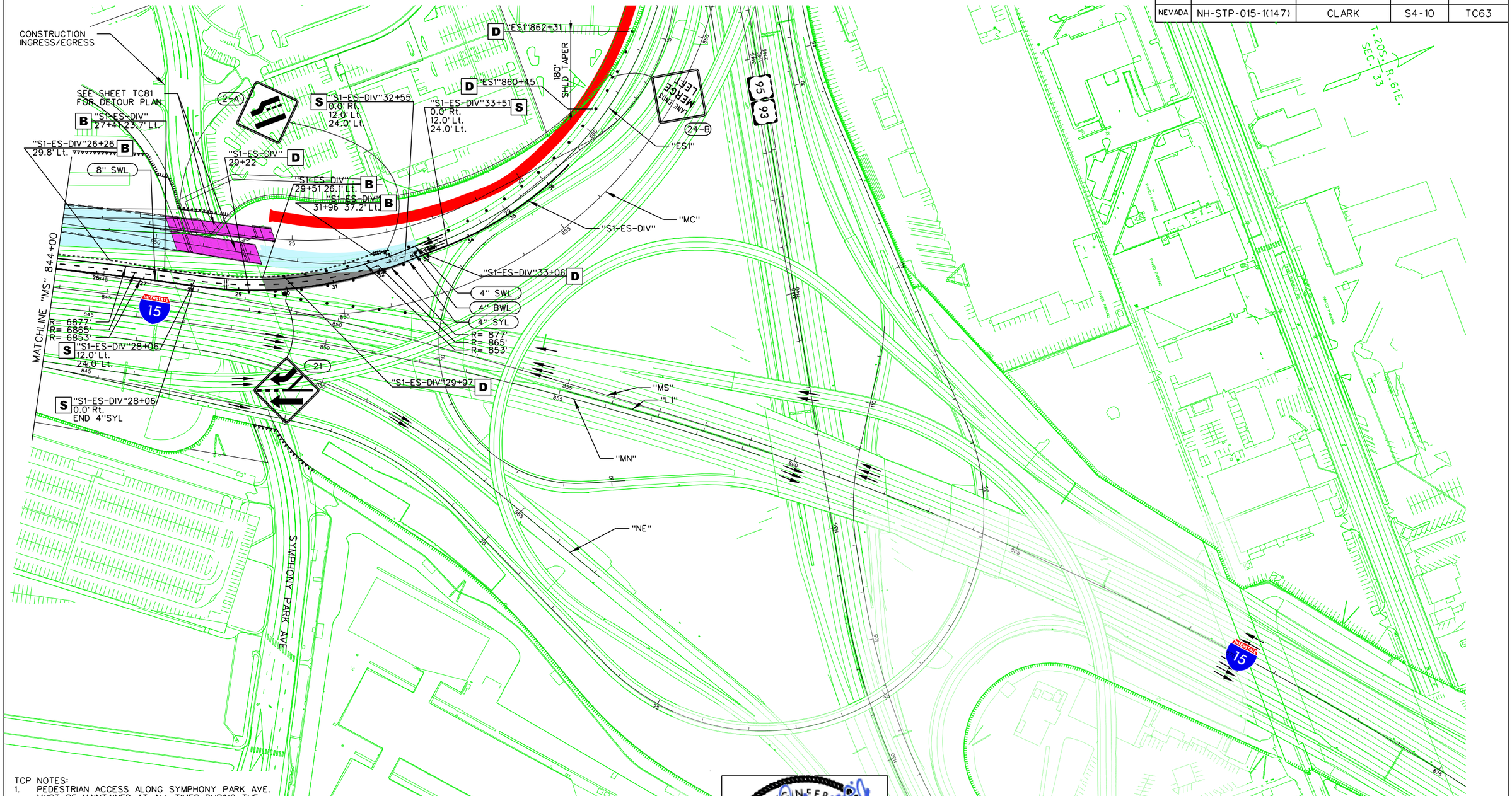
CHECKED BY	JP
REVIEWED BY	EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC63



TCP NOTES:
1. PEDESTRIAN ACCESS ALONG SYMPHONY PARK AVE. MUST BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE ABUTMENTS ADJACENT TO THE ROADWAY.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC63	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. TUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I-15 FREEWAY
PHASE 1A – STAGE 2

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

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REVIEWED BY	EK

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6:36:24 PM
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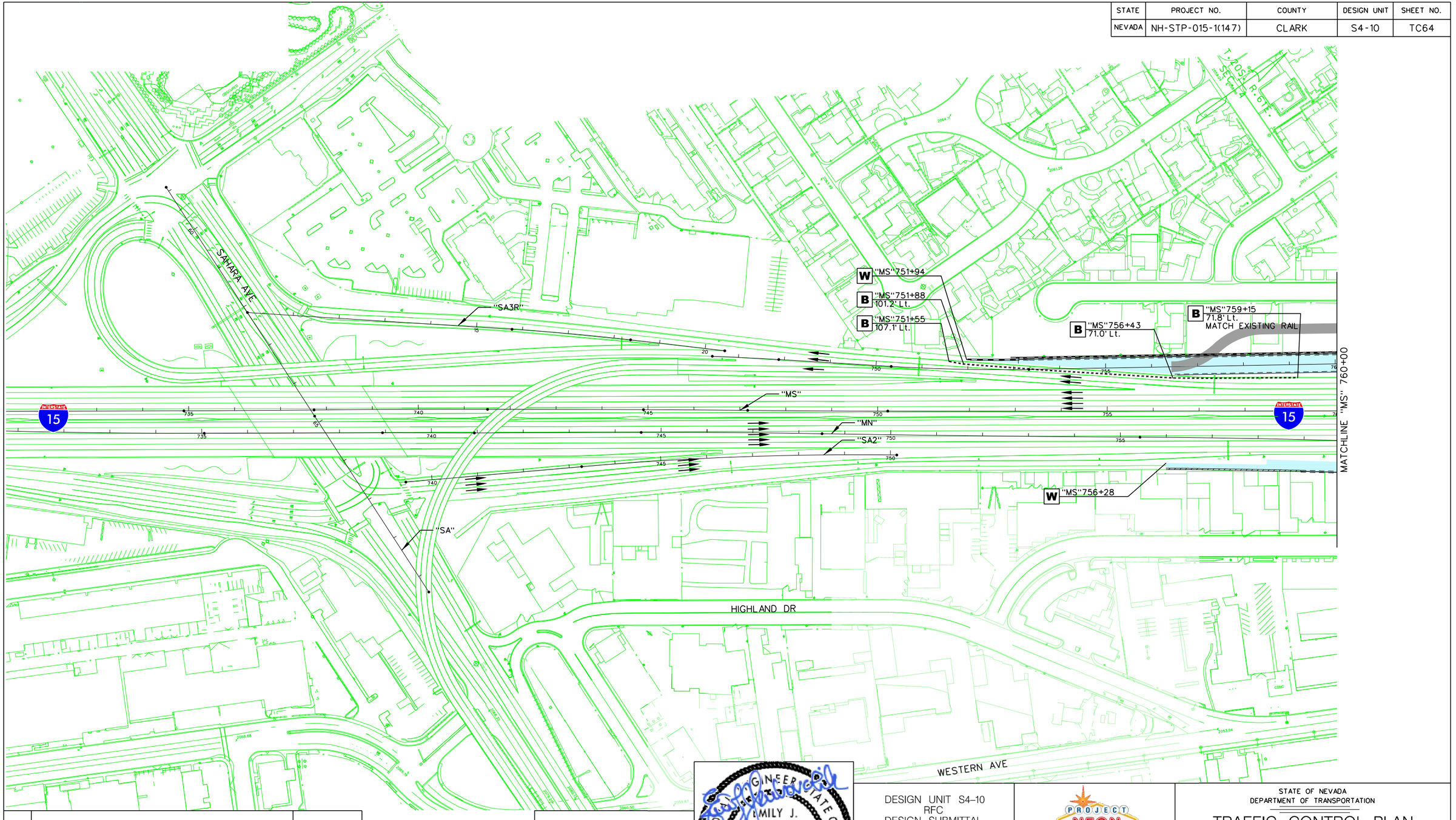
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC64



NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I-15 FREEWAY
PHASE 1C

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Suite 200
Henderson, Nevada 89074
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Fax: 702/263-7200
www.atkinsglobal.com

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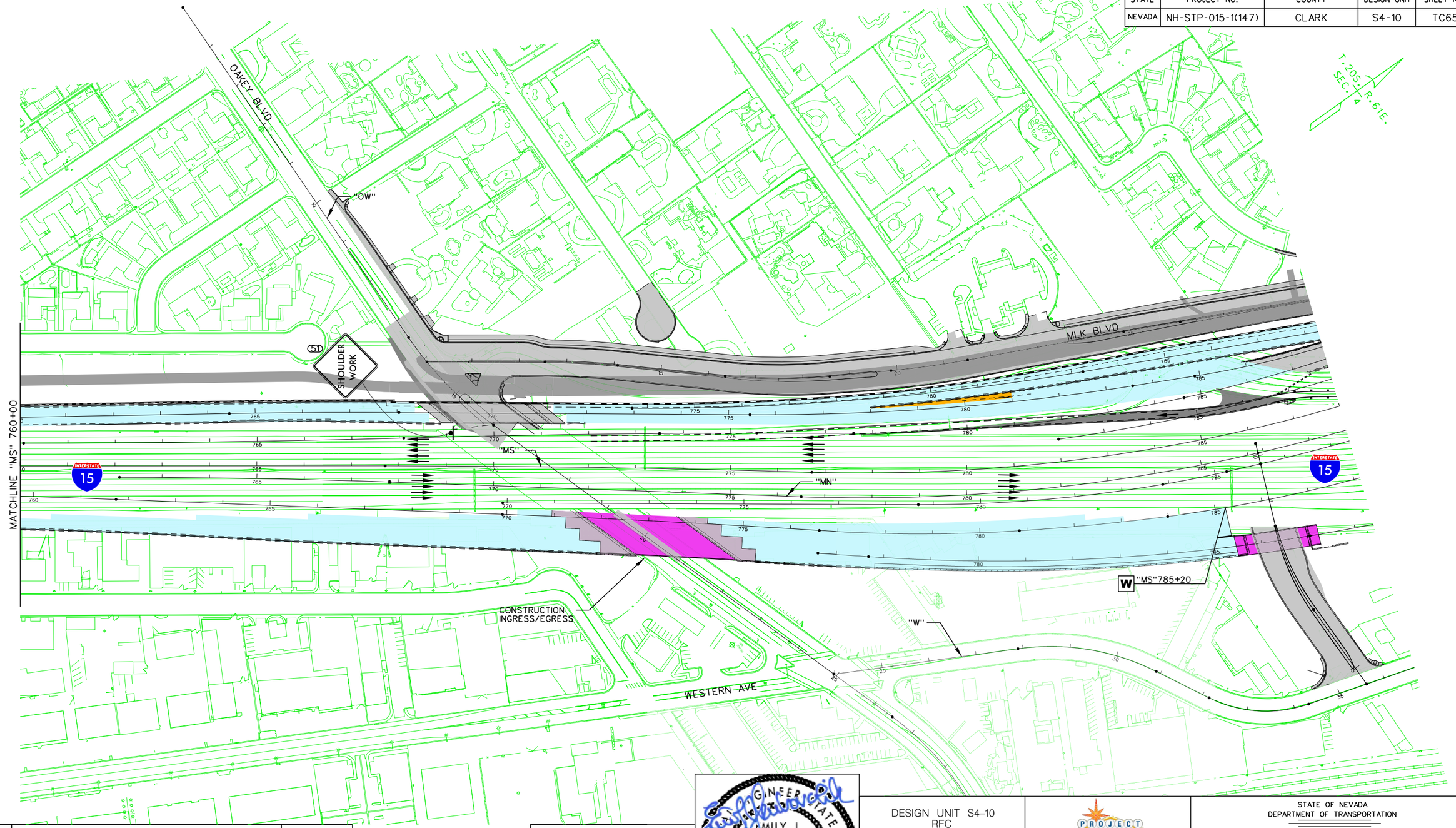
DRAWN BY ZR
CHECKED BY MM
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC65



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC65	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I-15 FREEWAY
PHASE 1C

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	EK

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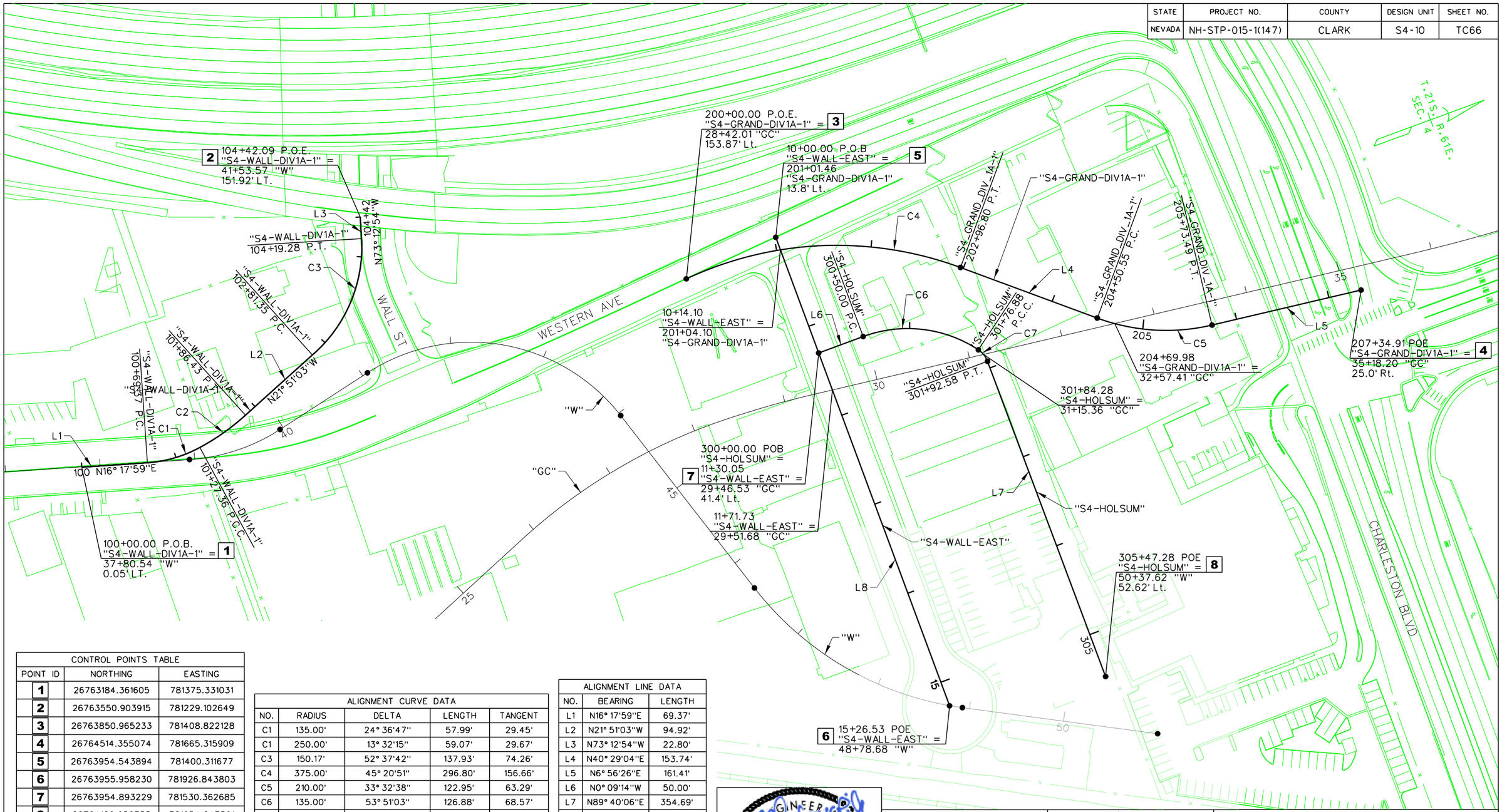
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC66



CONTROL POINTS TABLE		
POINT ID	NORTHING	EASTING
1	26763184.361605	781375.331031
2	26763550.903915	781229.102649
3	26763850.965233	781408.822128
4	26764514.355074	781665.315909
5	26763954.543894	781400.311677
6	26763955.958230	781926.843803
7	26763954.893229	781530.362685
8	26764120.956755	781954.647591

ALIGNMENT CURVE DATA				
NO.	RADIUS	DELTA	LENGTH	TANGENT
C1	135.00'	24° 36'47"	57.99'	29.45'
C1	250.00'	13° 32'15"	59.07'	29.67'
C3	150.17'	52° 37'42"	137.93'	74.26'
C4	375.00'	45° 20'51"	296.80'	156.66'
C5	210.00'	33° 32'38"	122.95'	63.29'
C6	135.00'	53° 51'03"	126.88'	68.57'
C7	25.00'	35° 58'17"	15.70'	8.12'

ALIGNMENT LINE DATA		
NO.	BEARING	LENGTH
L1	N16° 17'59"E	69.37'
L2	N21° 51'03"W	94.92'
L3	N73° 12'54"W	22.80'
L4	N40° 29'04"E	153.74'
L5	N6° 56'26"E	161.41'
L6	N0° 09'14"W	50.00'
L7	N89° 40'06"E	354.69'
L8	N89° 50'46"E	526.53'

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC66	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
WESTERN AVE/GRAND CENTRAL TEMP ALIGNMENTS

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

7/1/2016
11:58:23 AM
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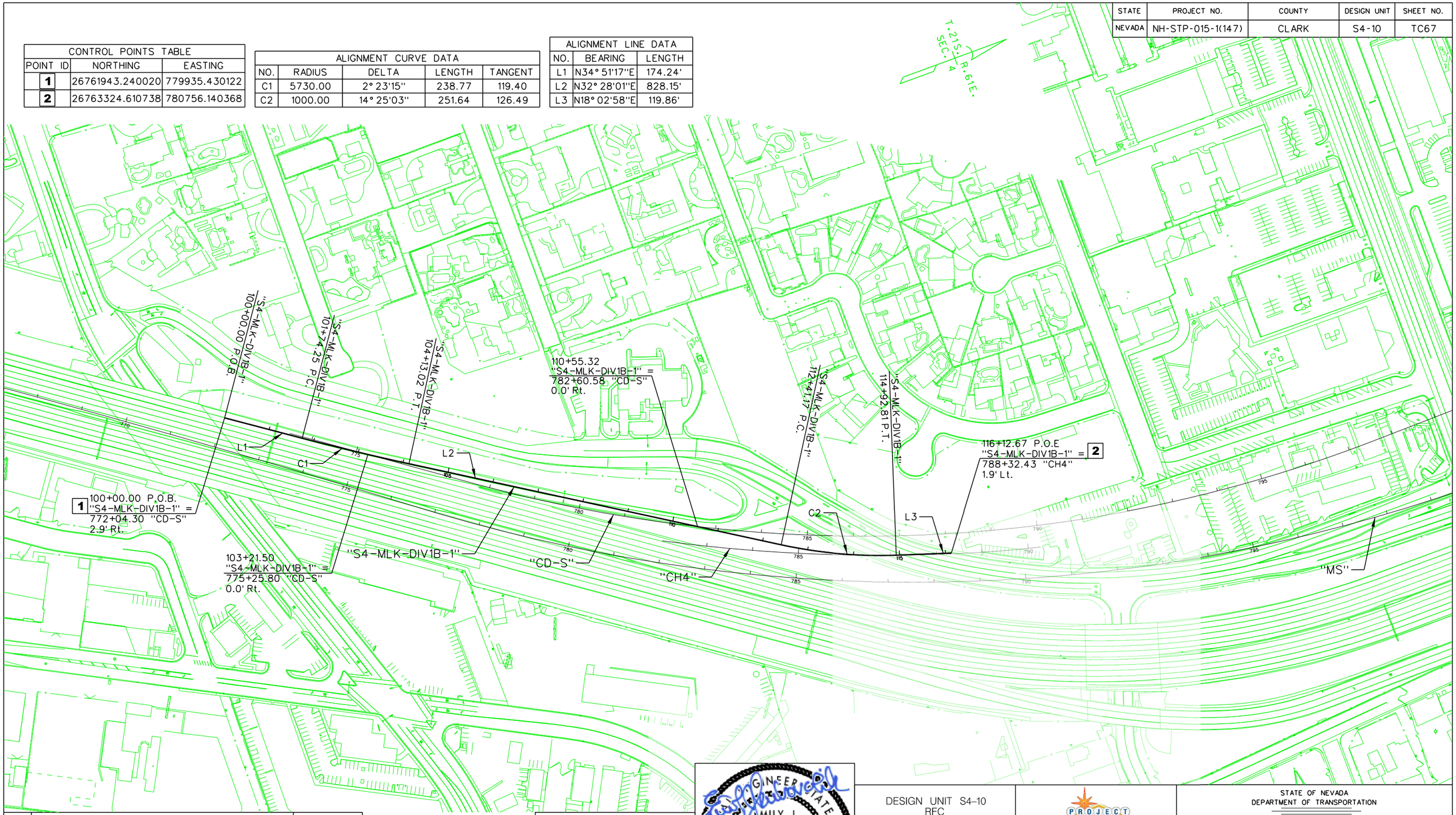
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC67

CONTROL POINTS TABLE		
POINT ID	NORTHING	EASTING
1	26761943.240020	779935.430122
2	26763324.610738	780756.140368

ALIGNMENT CURVE DATA				
NO.	RADIUS	DELTA	LENGTH	TANGENT
C1	5730.00	2° 23'15"	238.77	119.40
C2	1000.00	14° 25'03"	251.64	126.49

ALIGNMENT LINE DATA		
NO.	BEARING	LENGTH
L1	N34° 51'17"E	174.24'
L2	N32° 28'01"E	828.15'
L3	N18° 02'58"E	119.86'



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC67	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
TEMP ALIGNMENTS

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
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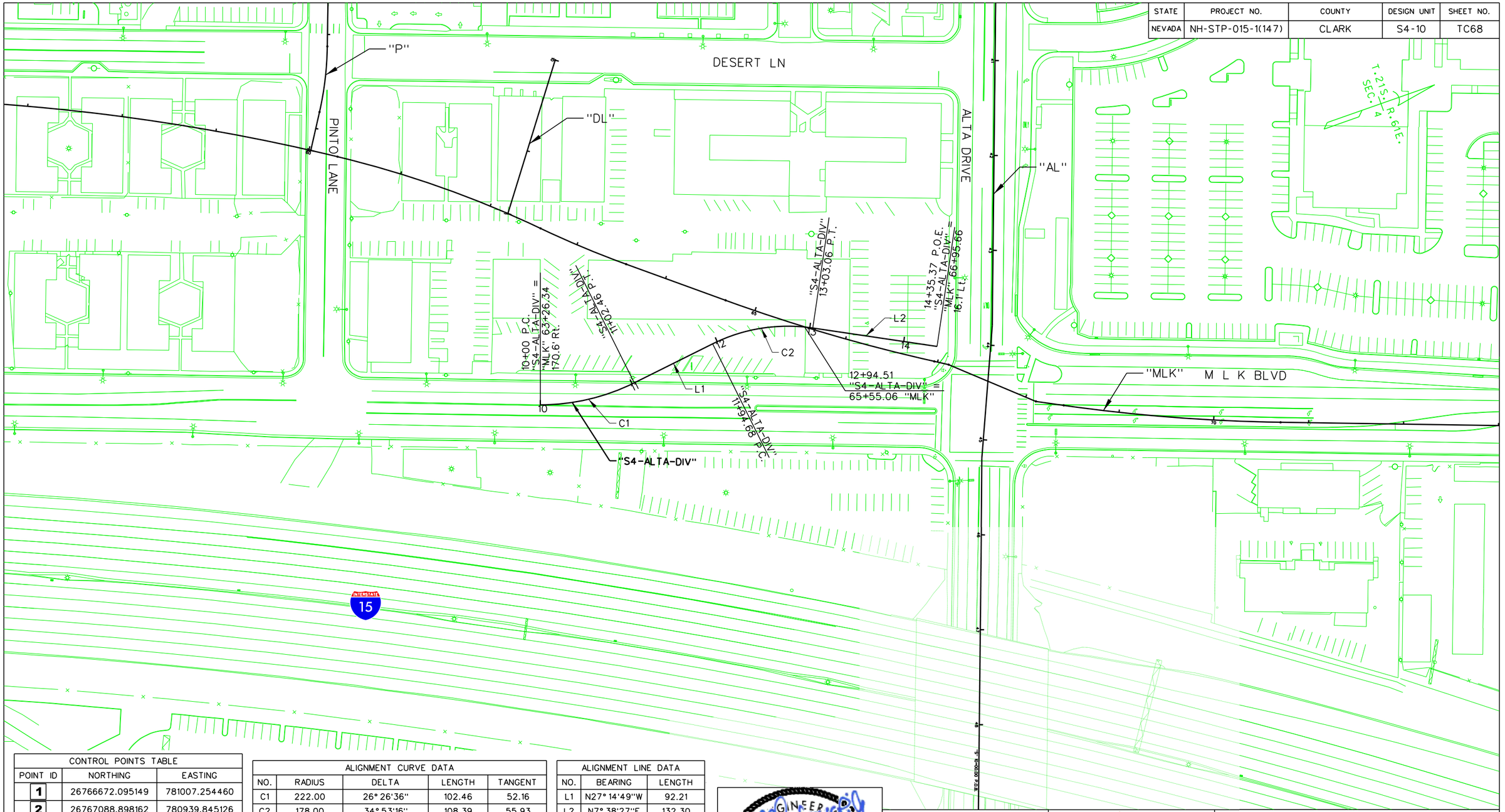
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC68



CONTROL POINTS TABLE		
POINT ID	NORTHING	EASTING
1	26766672.095149	781007.254460
2	26767088.898162	780939.845126

ALIGNMENT CURVE DATA				
NO.	RADIUS	DELTA	LENGTH	TANGENT
C1	222.00	26° 26'36"	102.46	52.16
C2	178.00	34° 53'16"	108.39	55.93

ALIGNMENT LINE DATA		
NO.	BEARING	LENGTH
L1	N27° 14'49"W	92.21
L2	N7° 38'27"E	132.30

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC68	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. SOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DRIVE
TEMP ALIGNMENTS

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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	EK

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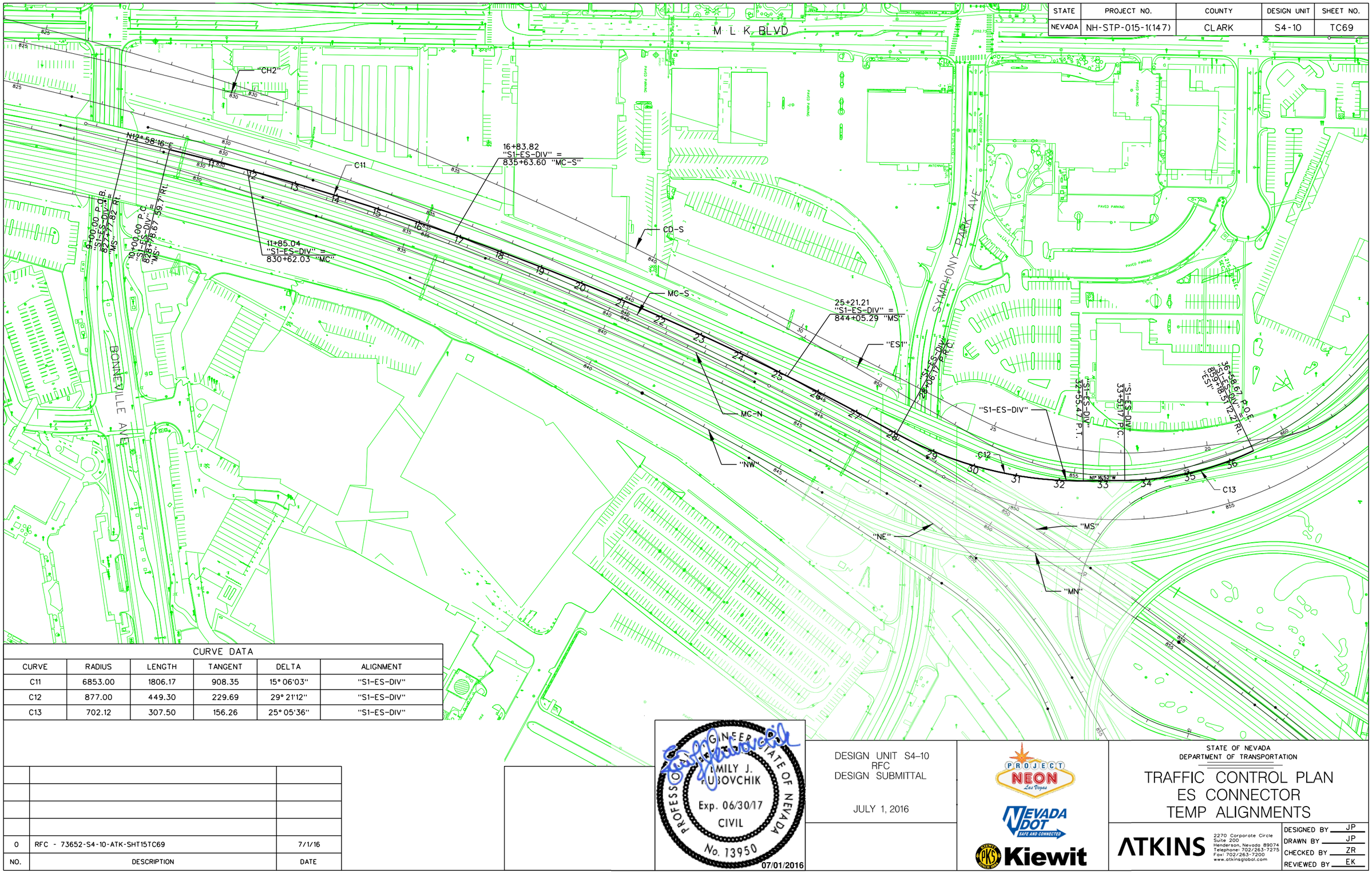
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC69



CURVE DATA					
CURVE	RADIUS	LENGTH	TANGENT	DELTA	ALIGNMENT
C11	6853.00	1806.17	908.35	15° 06'03"	"S1-ES-DIV"
C12	877.00	449.30	229.69	29° 21'12"	"S1-ES-DIV"
C13	702.12	307.50	156.26	25° 05'36"	"S1-ES-DIV"

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC69	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ES CONNECTOR
TEMP ALIGNMENTS

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	EK

6/30/2016
6:39:59 PM
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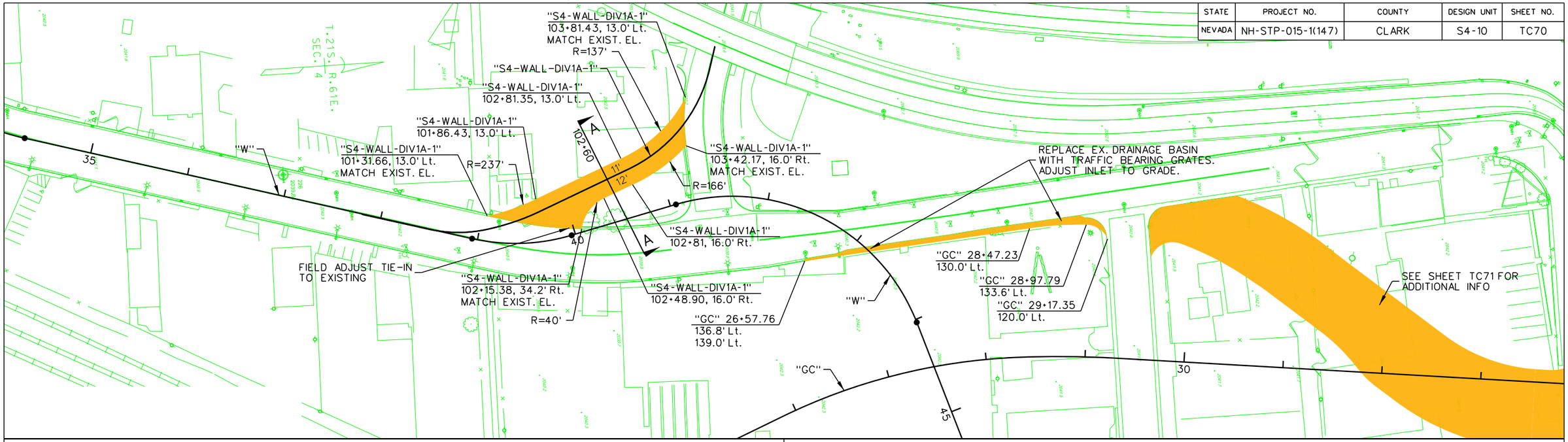
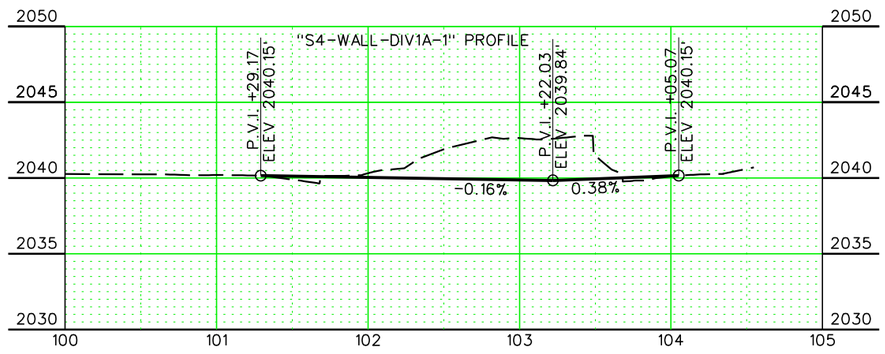
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC70



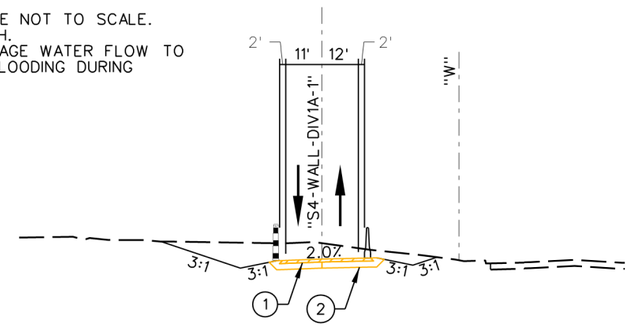


-LEGEND-

- – LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- (1) – 3" PLANTMIX BITUMINOUS SURFACE (PBS)
- (2) – 6" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.
2. DESIGN SPEED 20 MPH.
3. CONTRACTOR TO MANAGE WATER FLOW TO PREVENT ROADWAY FLOODING DURING CONSTRUCTION.



SECTION A-A
102+60.00

BUILT IN PHASE 1A STAGE 1
TRAFFIC ON IN PHASE 1A STAGE 2

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC70	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. LUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
WALL ST
PHASE 1A-1 TEMP PAVING

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

7/1/2016
11:58:41 AM
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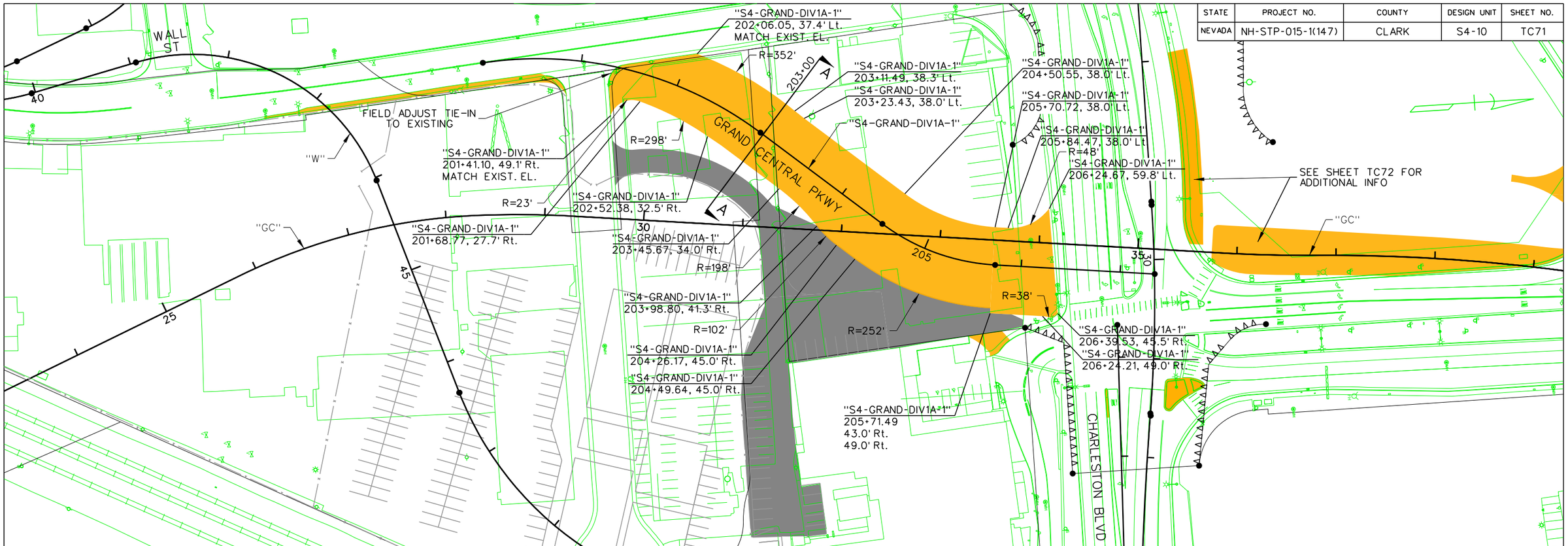
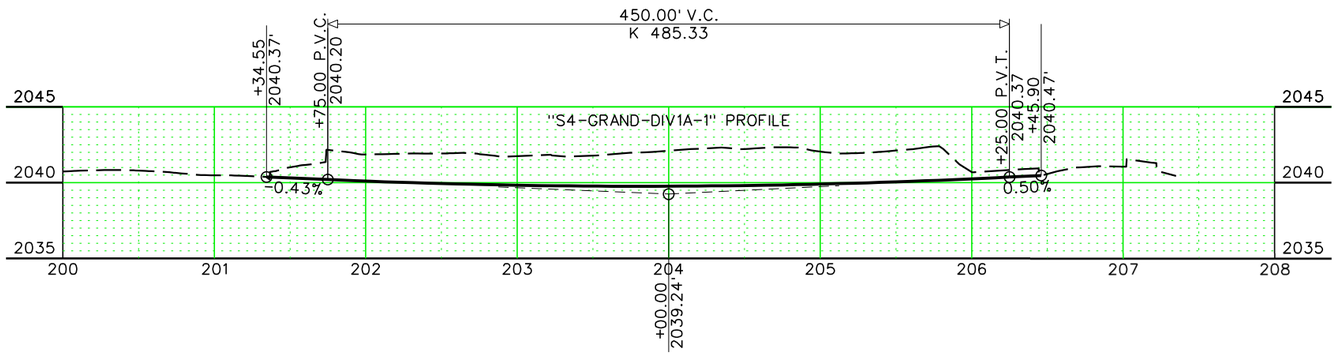
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC71



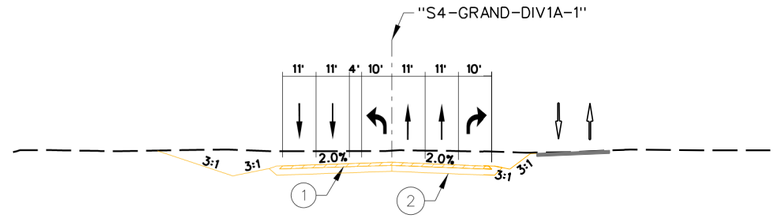


-LEGEND-

- LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- (1) – 3" PLANTMIX BITUMINOUS SURFACE (PBS)
- (2) – 14" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.
2. DESIGN SPEED 25 MPH.



SECTION A-A
203+00.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC71	7/1/16

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

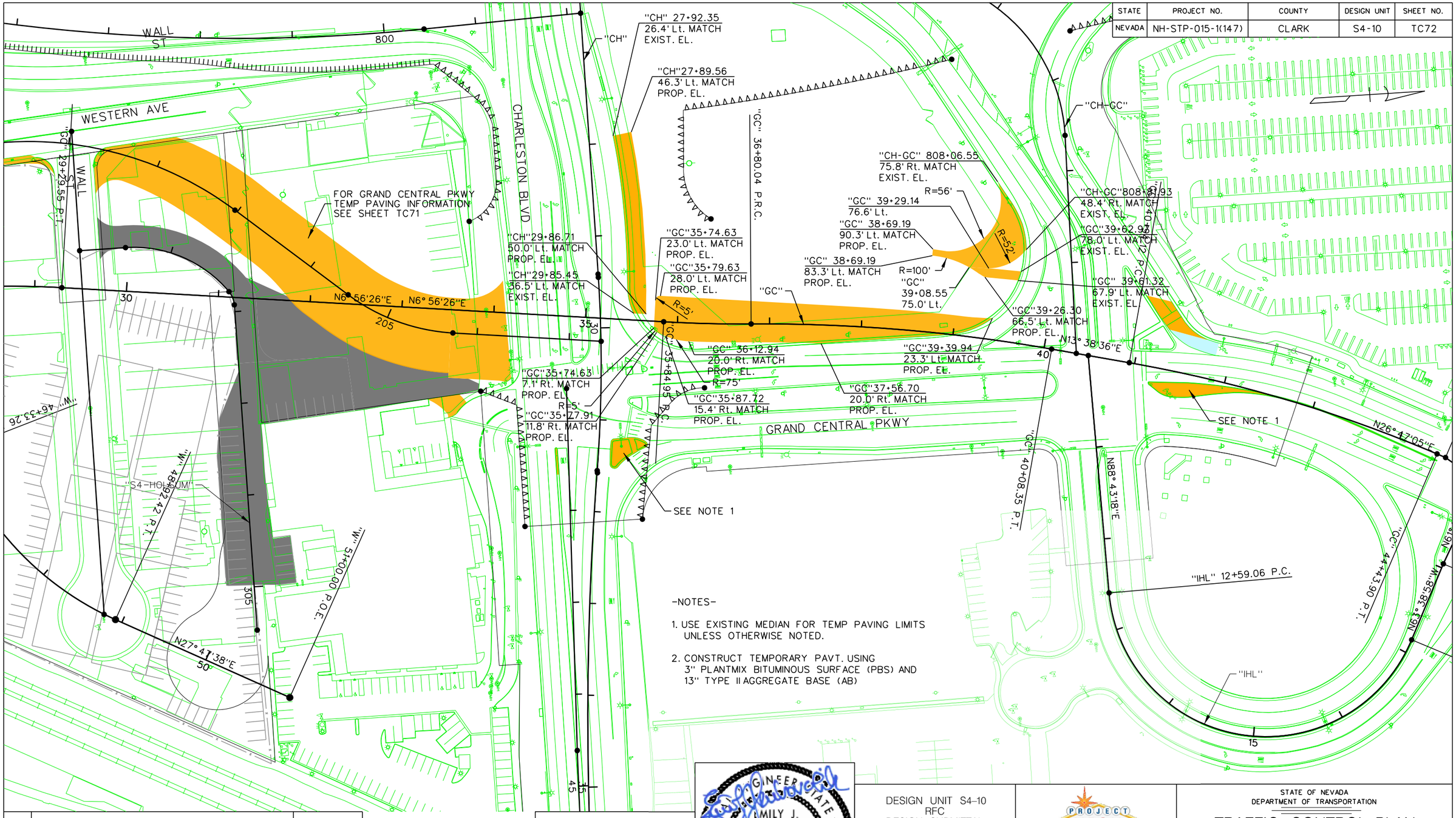
TRAFFIC CONTROL PLAN GRAND CENTRAL PKWY PHASE 1A-1 TEMP PAVING

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
6:41:07 PM
c:\pw_work\atknonv01\vreid6423\dms16789\73652-S4-10-ATK-sht15TC71.dgn

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC72



FOR GRAND CENTRAL PKWY TEMP PAVING INFORMATION SEE SHEET TC71

-NOTES-

1. USE EXISTING MEDIAN FOR TEMP PAVING LIMITS UNLESS OTHERWISE NOTED.
2. CONSTRUCT TEMPORARY PAVT. USING 3" PLANTMIX BITUMINOUS SURFACE (PBS) AND 13" TYPE II AGGREGATE BASE (AB)

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC72	7/1/16

6/30/2016
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PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. HUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

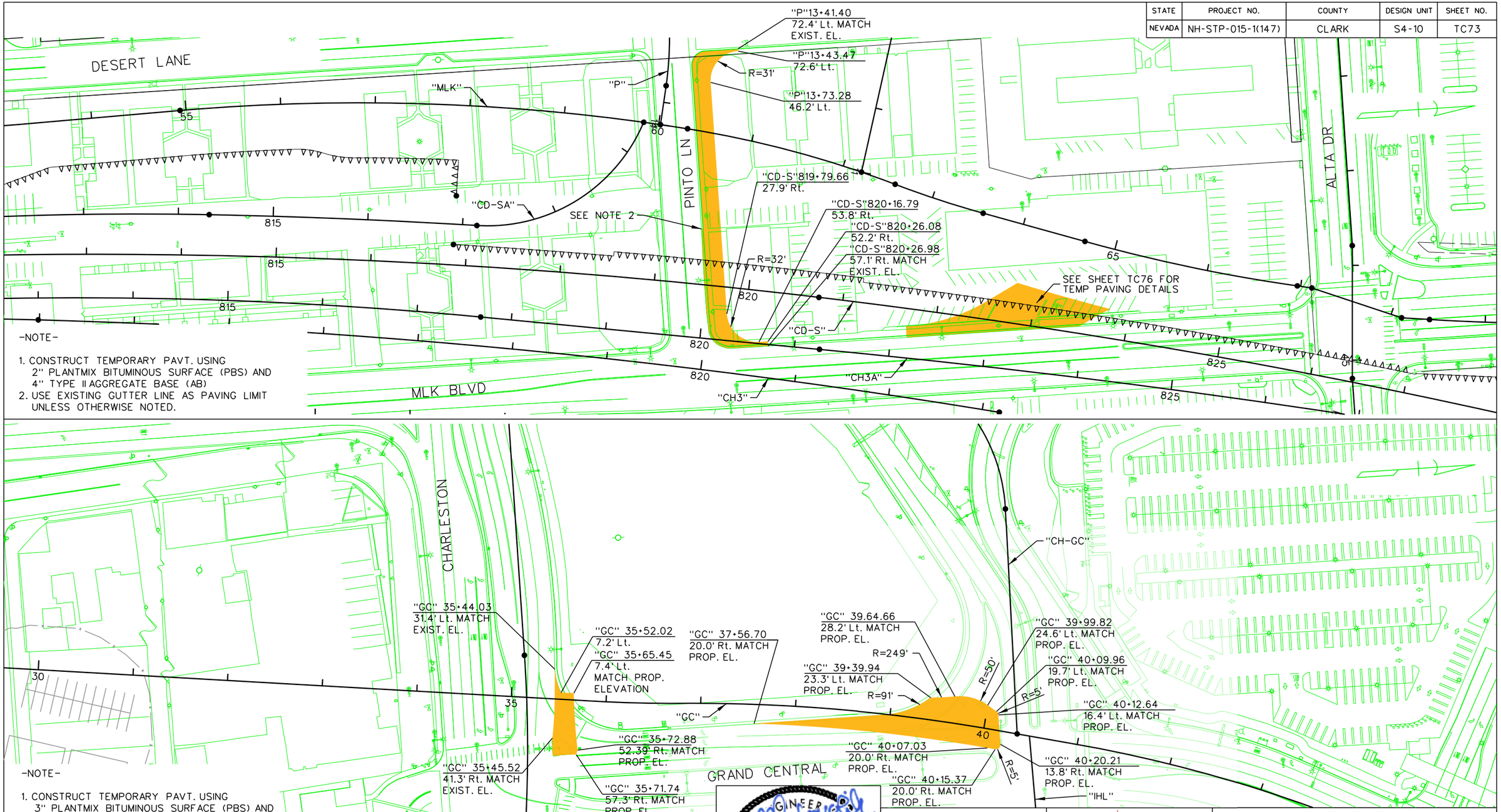
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN HOLSUM & MEDIANS PHASE 1A-1 TEMP PAVING

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

DESIGNED BY JH
DRAWN BY JH
CHECKED BY MM
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC73



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC73	7/1/16

PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
PINTO LN PHASE 1A
GRAND CENTRAL PHASE 1A-2
TEMP PAVING

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
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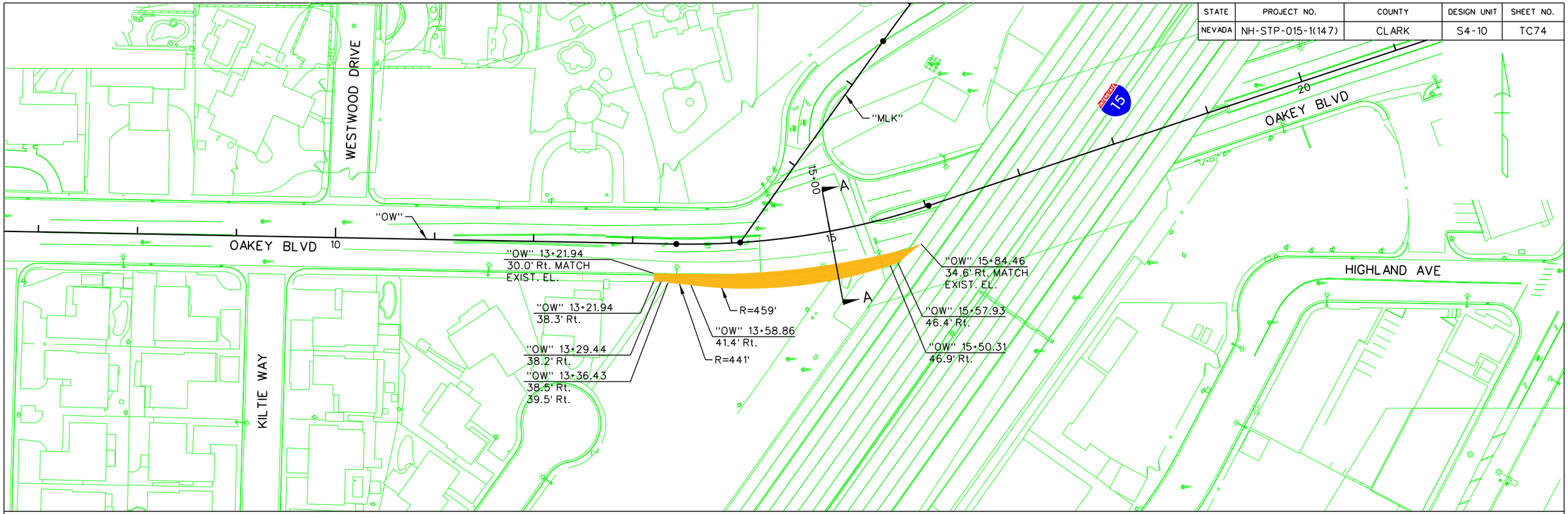
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC74

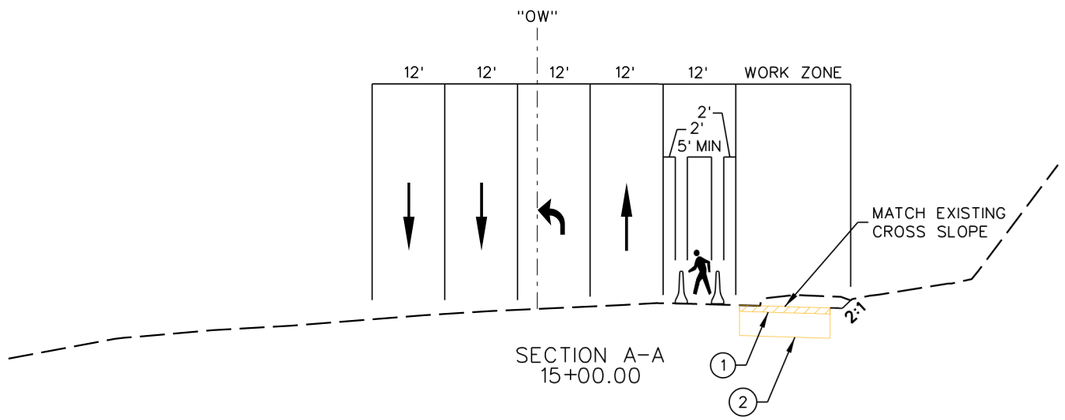


-LEGEND-

- LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- (1) – 3" PLANTMIX BITUMINOUS SURFACE (PBS)
- (2) – 9" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.
2. TEMPORARY PAVEMENT TO BE CONSTRUCTED AS NIGHT WORK USING STANDARD LANE CLOSURES.



SECTION A–A
15+00.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC74	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4–10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD.
PHASE 1B–1A TEMP PAVING

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 JH
CHECKED BY MM
REVIEWED BY EK

7/1/2016
11:59:02 AM
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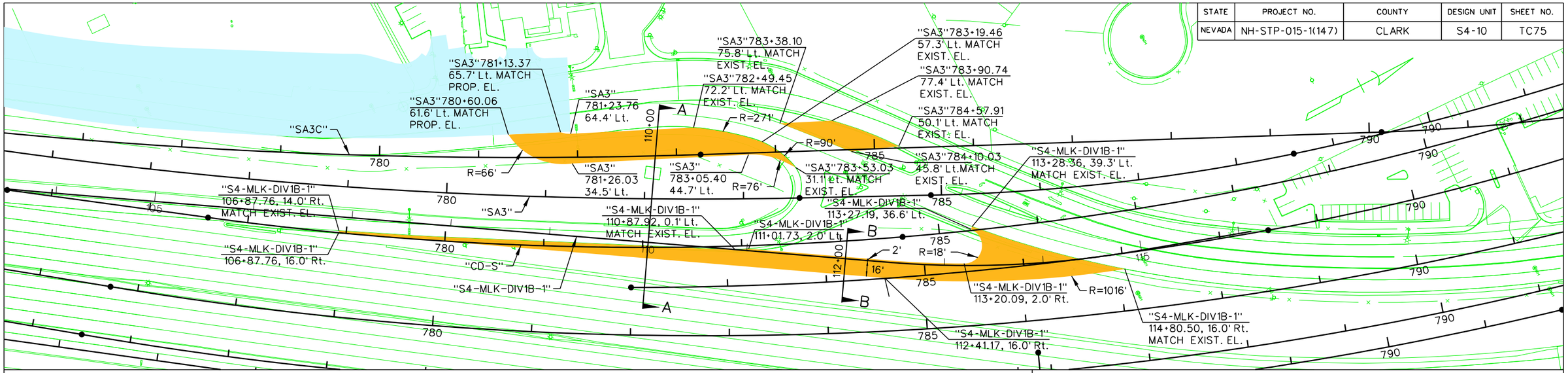
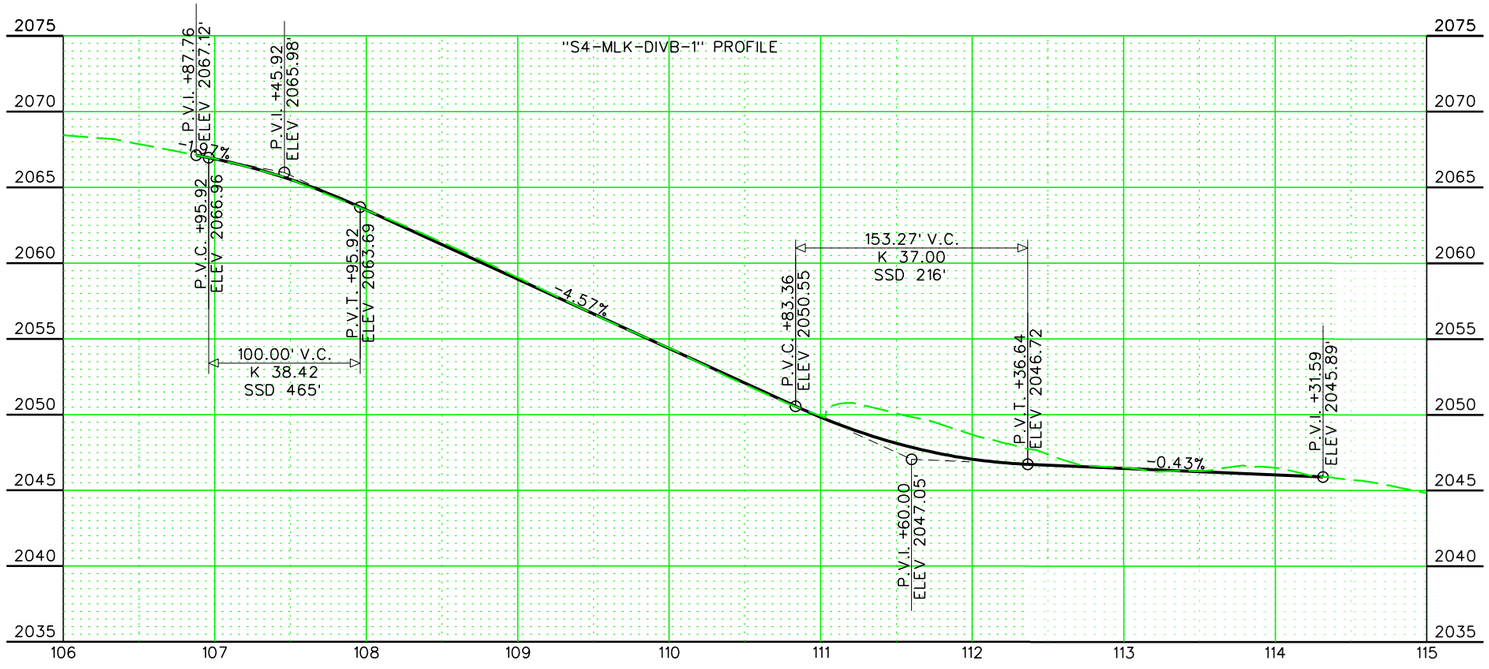
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC75



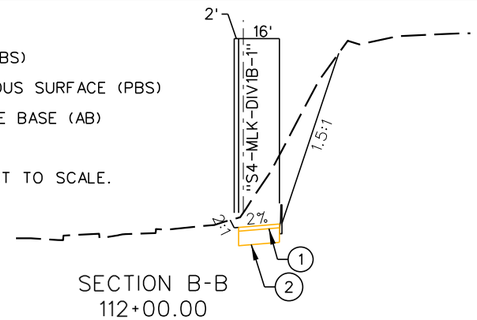


-LEGEND-

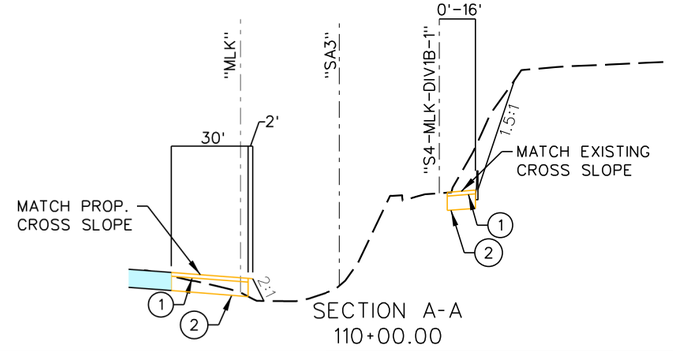
- LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- (1) – 5" PLANTMIX BITUMINOUS SURFACE (PBS)
- (2) – 13" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.



SECTION B-B
112+00.00



SECTION A-A
110+00.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC75	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD
PHASE 1B-1 TEMP PAVING

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

DESIGNED BY	JH
DRAWN BY	JH
CHECKED BY	MM
REVIEWED BY	EK

7/1/2016
11:59:27 AM
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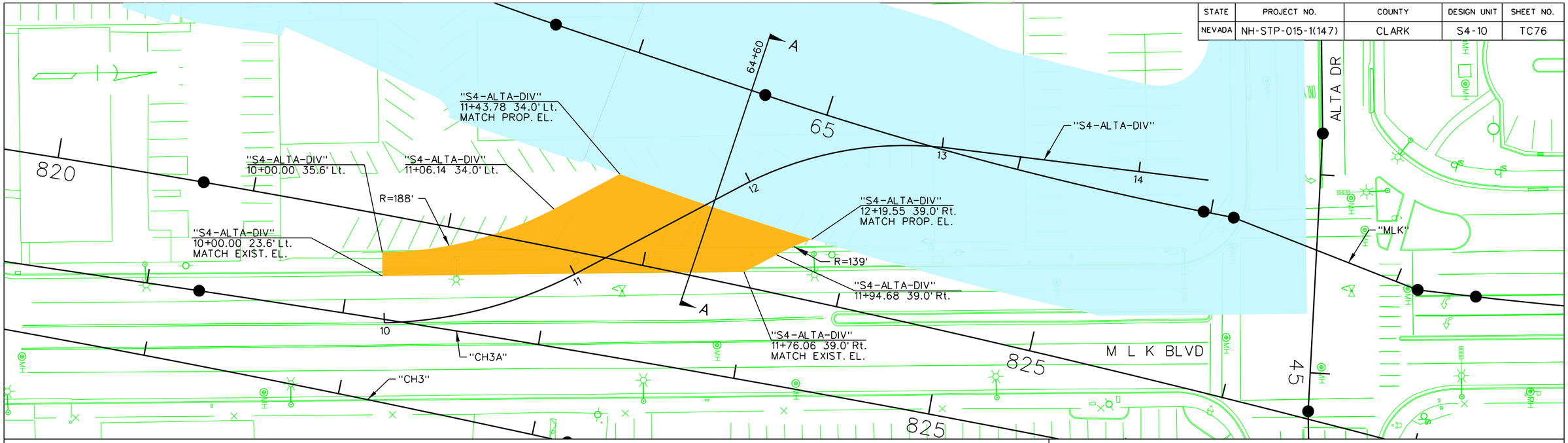
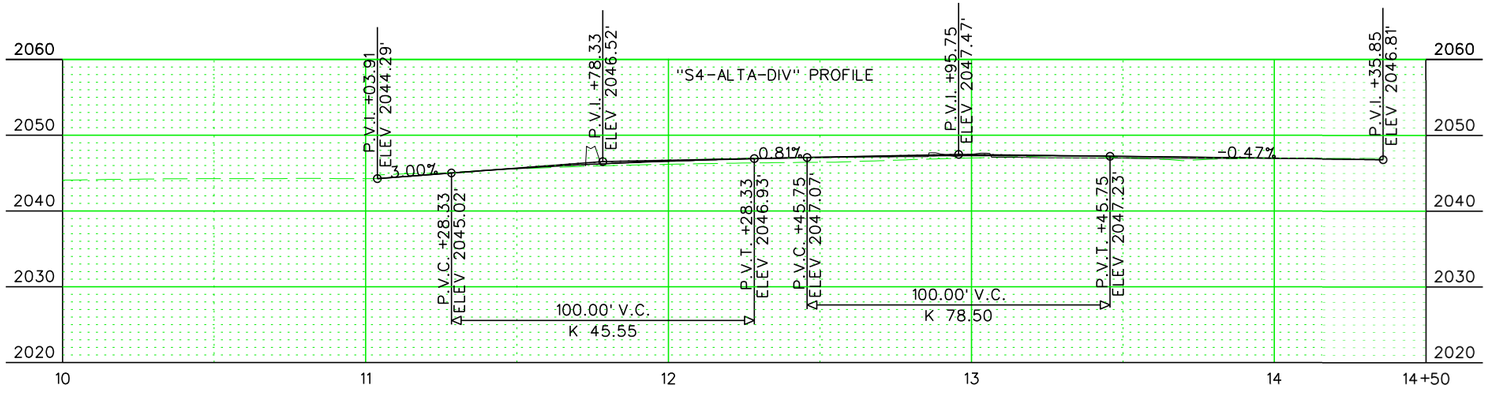
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC76



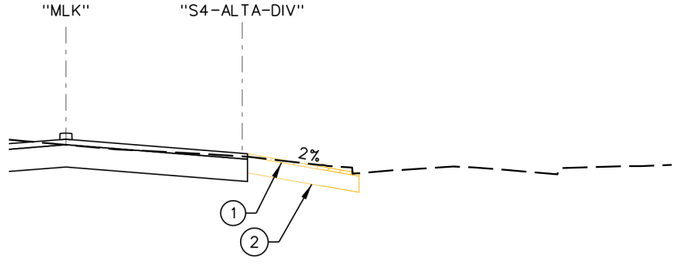


-LEGEND-

- LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- ① – 3" PLANTMIX BITUMINOUS SURFACE (PBS)
- ② – 12" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.
2. DESIGN SPEED 30 MPH.



A–A
64+60.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC76	7/1/16

6/30/2016
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EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

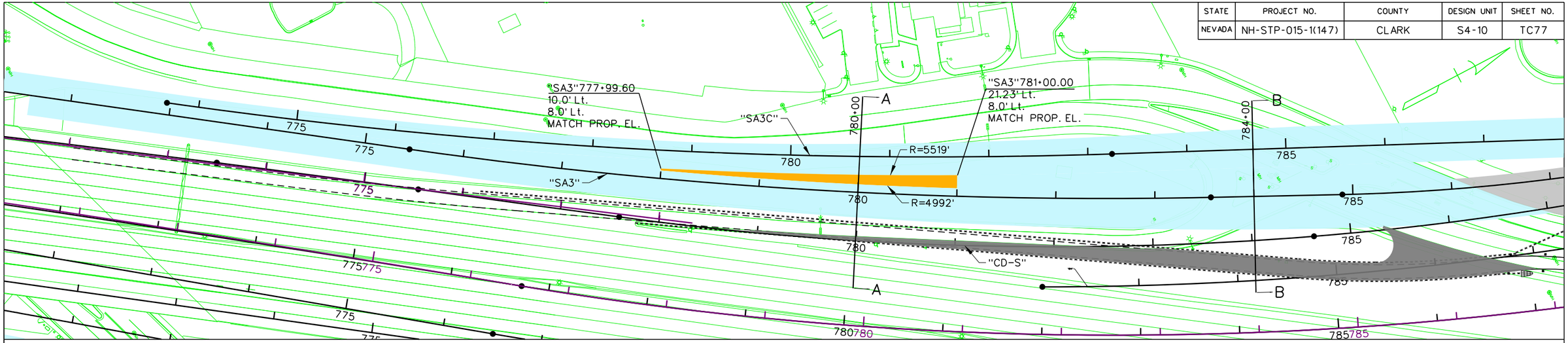
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

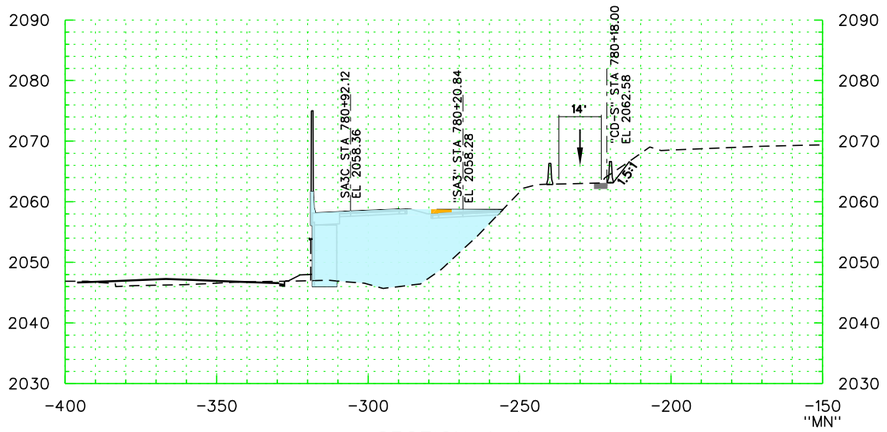
TRAFFIC CONTROL PLAN
ALTA DRIVE
PHASE 1B–1 TEMP PAVING

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

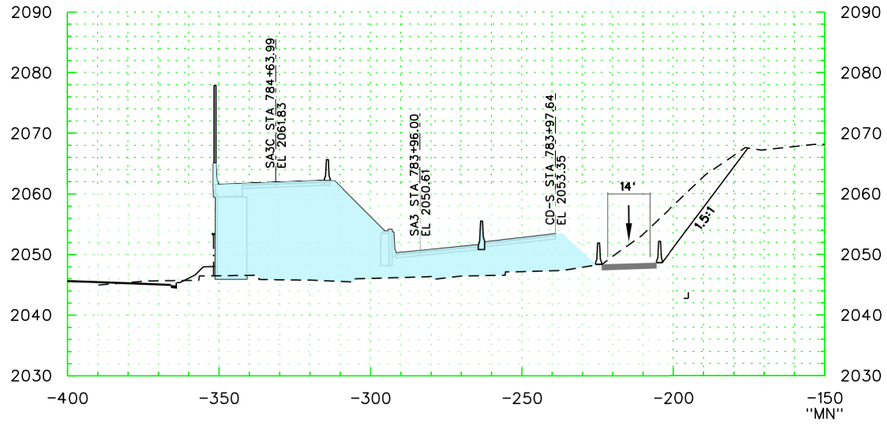
DESIGNED BY	JP
DRAWN BY	JP
CHECKED BY	MM
REVIEWED BY	EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC77





SECTION A–A
780+00.00



SECTION B–B
784+00.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC77	7/1/16

PROFESSIONAL ENGINEER
STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4–10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
I–15 FREEWAY
PHASE 1C–1 TEMP PAVING

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

DESIGNED BY JH
DRAWN BY JH
CHECKED BY MM
REVIEWED BY EK

7/1/2016
11:59:52 AM
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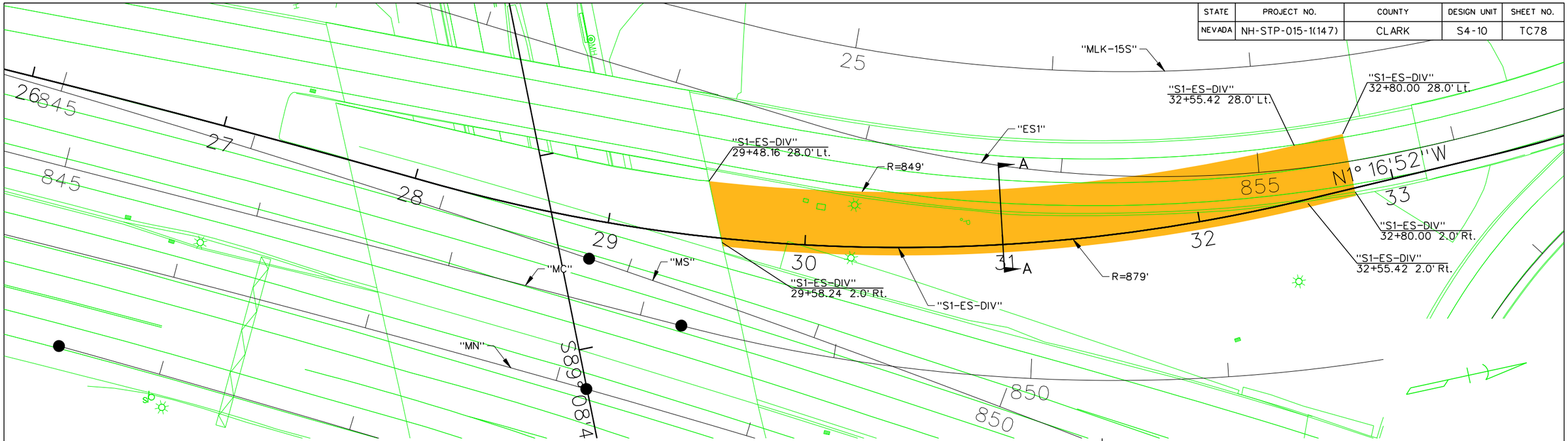
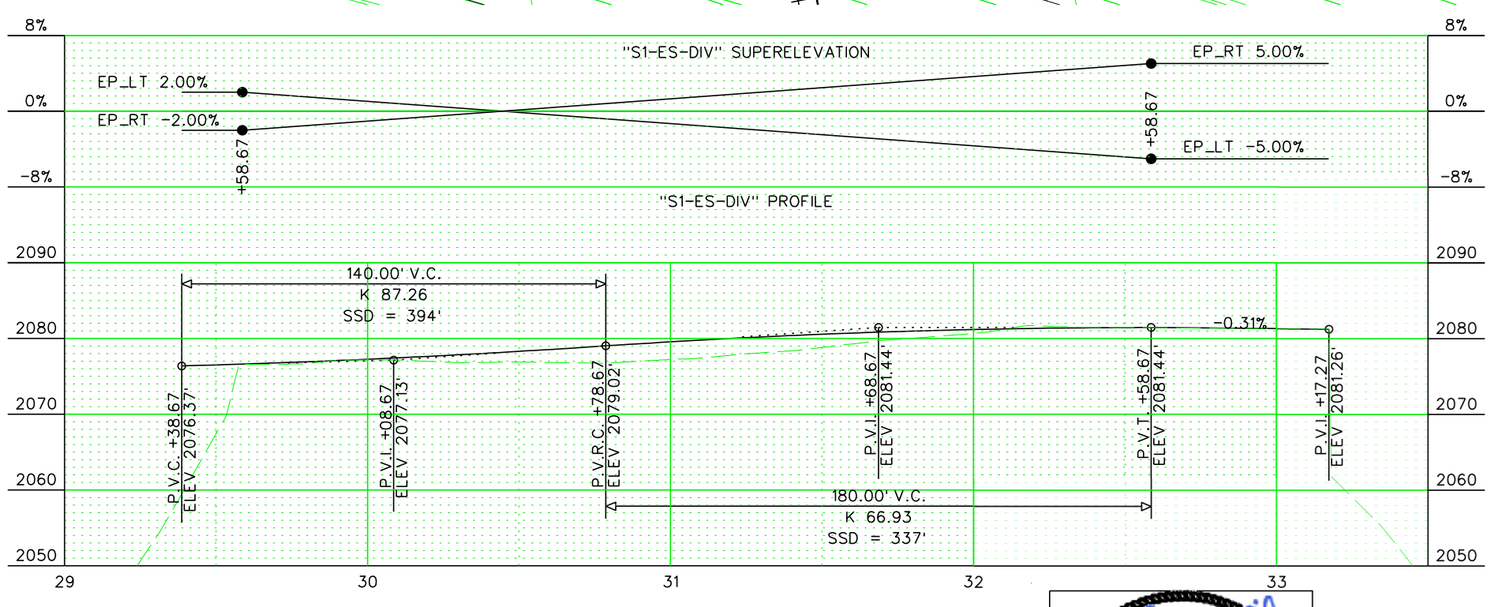
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC78



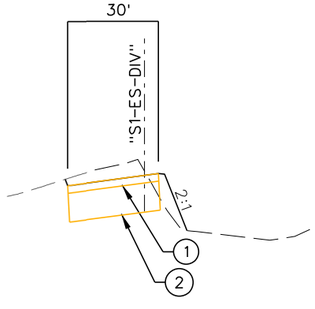


-LEGEND-

- LIMITS OF PLANTMIX BITUMINOUS SURFACE (PBS)
- (1) - 5" PLANTMIX BITUMINOUS SURFACE (PBS)
- (2) - 13" TYPE II AGGREGATE BASE (AB)

-NOTE-

1. TYPICAL SECTIONS ARE NOT TO SCALE.
2. DESIGN SPEED 45 MPH.



SECTION A-A
31+00.00

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC78	7/1/16

EMILY J. UBOVCHIK
PROFESSIONAL ENGINEER STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ES CONNECTOR
PHASE 1A TEMP PAVING

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

DESIGNED BY	JP
DRAWN BY	JP
CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
6:45:35 PM
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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC79

NOTES:
1. SEE DESIGN UNIT S4-04 FOR UTILITY INFORMATION IN WALL STREET. REMOVE ABANDONED WATER LINE (NORTH) AND GAS LINE AS NECESSARY FOR TEMPORARY DRAINAGE.
2. PROTECT IN PLACE 8" SEWER LINE (IE=2033.1 +/-) AND 8" WATER LINE (SOUTH, IE=2036.4+/-).

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC79	7/1/16

PROFESSIONAL ENGINEER
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
TEMPORARY DRAINAGE
GRAND CENTRAL DIVERSION

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

DESIGNED BY	JP
DRAWN BY	JP
CHECKED BY	MM
REVIEWED BY	EK

6/30/2016
6:46:23 PM
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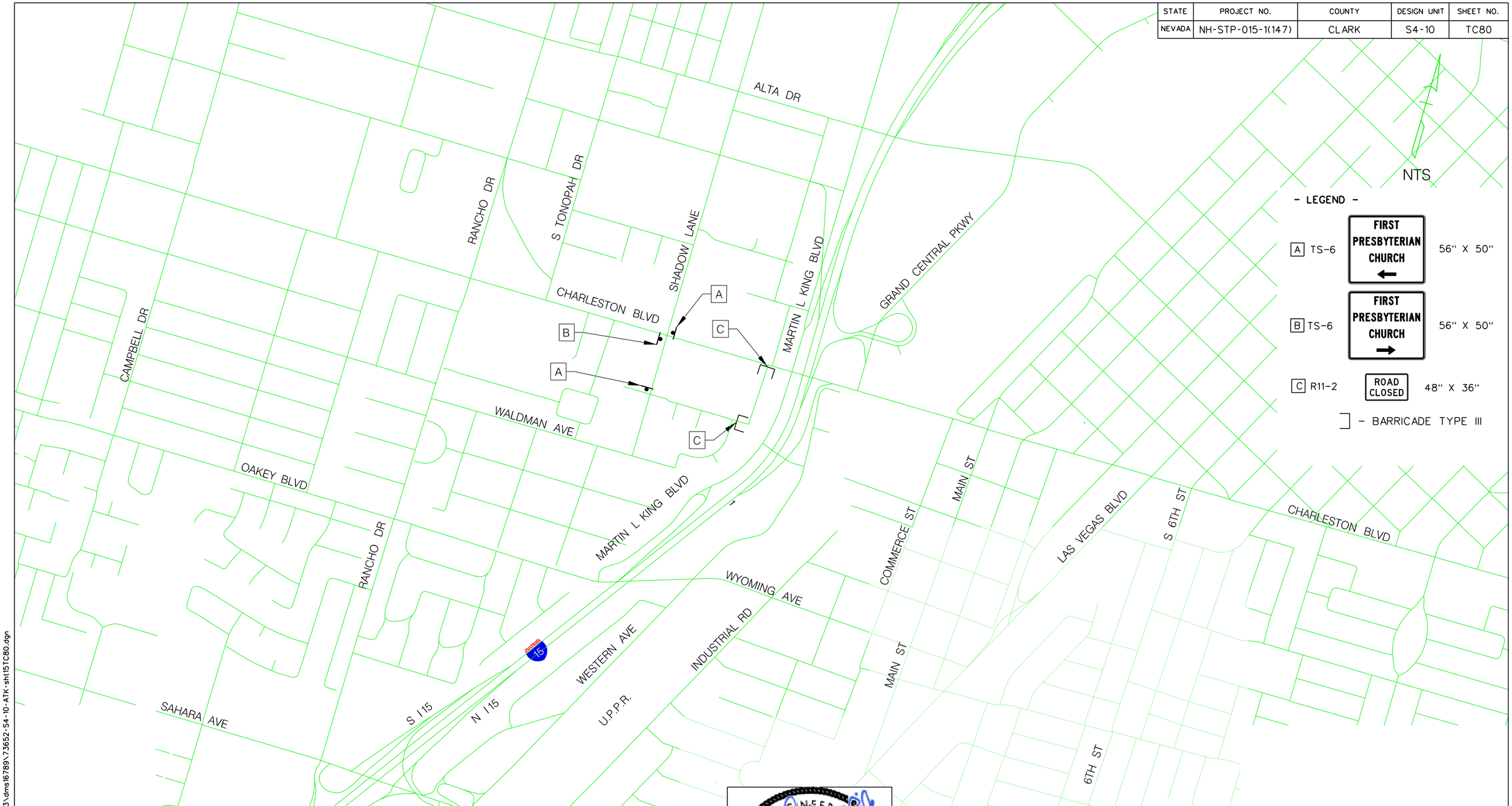
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC80



NTS

- LEGEND -

A TS-6	FIRST PRESBYTERIAN CHURCH ←	56" X 50"
B TS-6	FIRST PRESBYTERIAN CHURCH →	56" X 50"
C R11-2	ROAD CLOSED	48" X 36"

] - BARRICADE TYPE III

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC80	7/1/16

6/30/2016
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EMILY J. KUBOVCHIK
PROFESSIONAL ENGINEER
STATE OF NEVADA
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

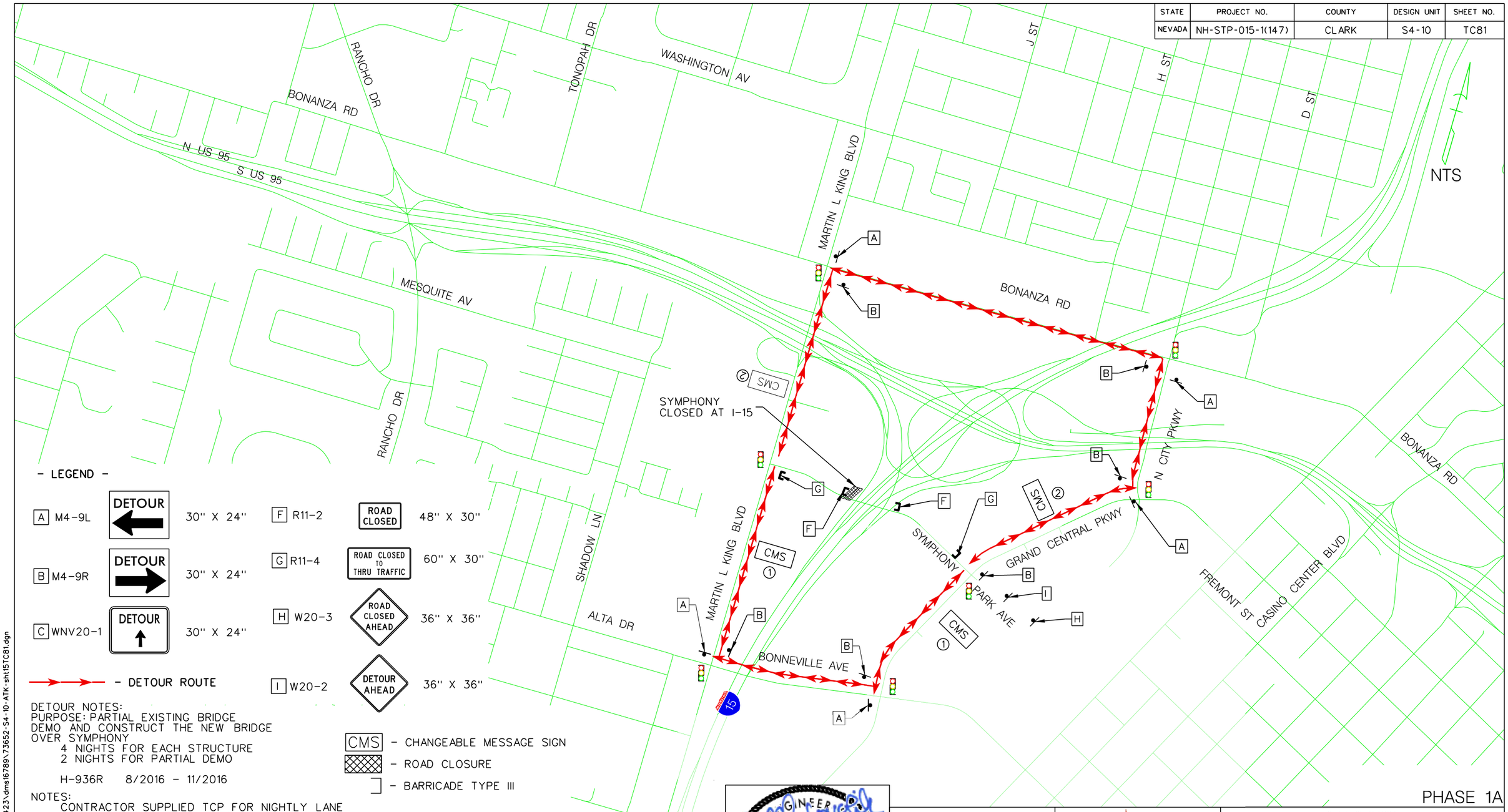
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ACCESS PLAN
FIRST PRESBYTERIAN CHURCH

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

DESIGNED BY ZR
DRAWN BY ZR
CHECKED BY JP
REVIEWED BY EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC81



- LEGEND -

A	M4-9L	DETOUR	30" X 24"	F R11-2	ROAD CLOSED 48" X 30"
B	M4-9R	DETOUR	30" X 24"	G R11-4	ROAD CLOSED TO THRU TRAFFIC 60" X 30"
C	WNV20-1	DETOUR	30" X 24"	H W20-3	ROAD CLOSED AHEAD 36" X 36"
				I W20-2	DETOUR AHEAD 36" X 36"

- DETOUR ROUTE

DETOUR NOTES:
PURPOSE: PARTIAL EXISTING BRIDGE DEMO AND CONSTRUCT THE NEW BRIDGE OVER SYMPHONY
4 NIGHTS FOR EACH STRUCTURE
2 NIGHTS FOR PARTIAL DEMO

H-936R 8/2016 - 11/2016

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE.

CMS - CHANGEABLE MESSAGE SIGN
- ROAD CLOSURE
- BARRICADE TYPE III

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC81	7/1/16

-CMS SIGN MESSAGES-

①	SYMPHONY PKWY CLOSED	USE BONANZA RD
②	SYMPHONY PKWY CLOSED	USE ALTA DR

PHASE 1A

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN SYMPHONY PARK AVE CLOSURE AT I-15

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

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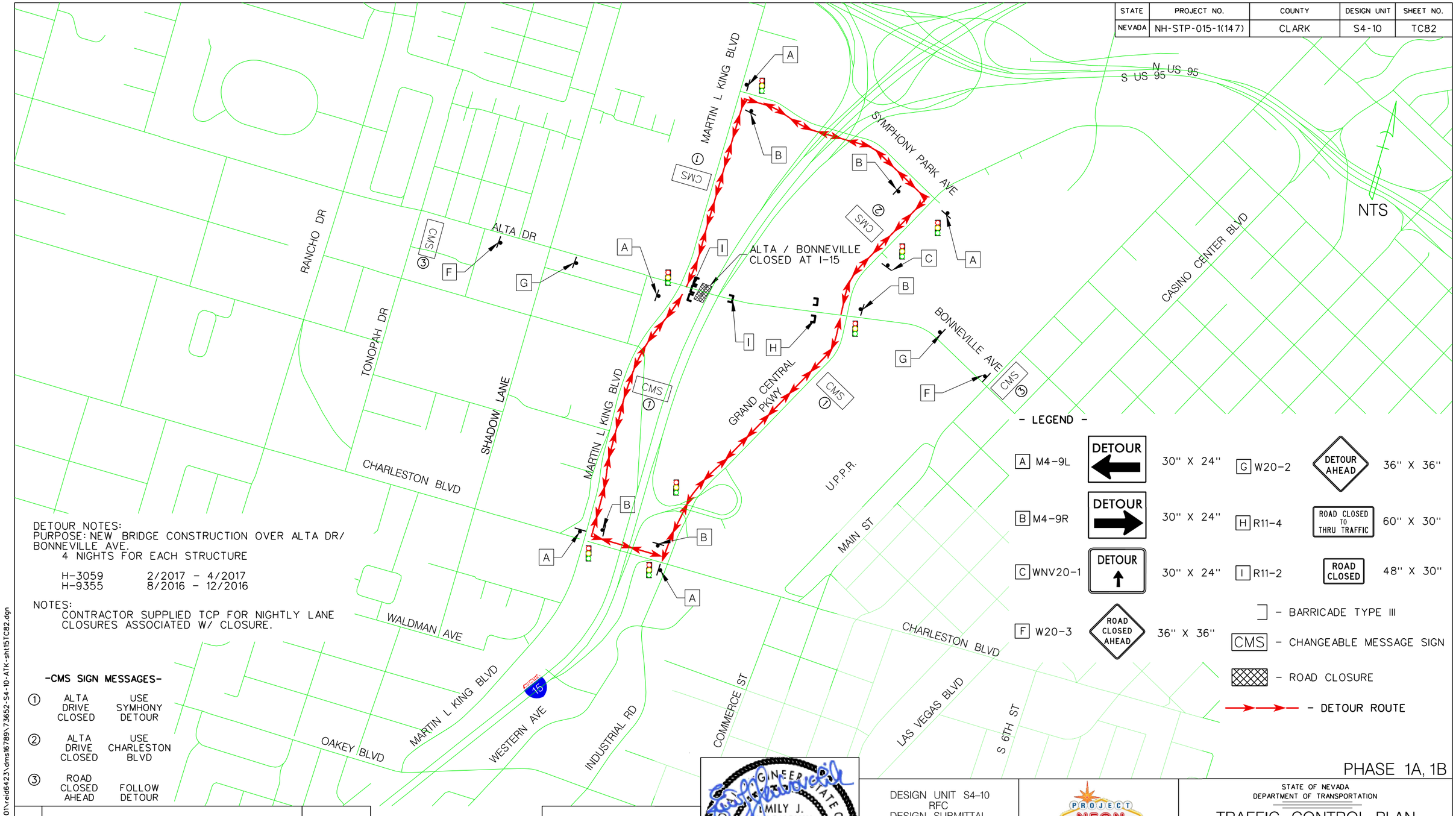
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC82



DETOUR NOTES:
PURPOSE: NEW BRIDGE CONSTRUCTION OVER ALTA DR/ BONNEVILLE AVE.
4 NIGHTS FOR EACH STRUCTURE

H-3059	2/2017 - 4/2017
H-9355	8/2016 - 12/2016

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE.

-CMS SIGN MESSAGES-

①	ALTA DRIVE CLOSED	USE SYMHONY DETOUR
②	ALTA DRIVE CLOSED	USE CHARLESTON BLVD
③	ROAD CLOSED AHEAD	FOLLOW DETOUR

- LEGEND -

A	M4-9L	30" X 24"	G	W20-2	36" X 36"
B	M4-9R	30" X 24"	H	R11-4	60" X 30"
C	WNV20-1	30" X 24"	I	R11-2	48" X 30"
F	W20-3	36" X 36"			

DETOUR · DETOUR AHEAD · DETOUR · ROAD CLOSED TO THRU TRAFFIC · DETOUR · ROAD CLOSED · ROAD CLOSED AHEAD

- BARRICADE TYPE III
- CMS - CHANGEABLE MESSAGE SIGN
- ROAD CLOSURE
- DETOUR ROUTE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC82	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PHASE 1A, 1B

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
ALTA DR /BONNEVILLE AVE CLOSURE AT I-15

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	S4-10	TC83

DETOUR NOTES:
PURPOSE: NEW BRDIGE CONSTRUCTION OVER CHARLESTON BLVD.
4 NIGHTS FOR EACH STRUCTURE

H-3061 11/2016 - 3/2017
H-3058 11/2016 - 3/2017

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE.

NTS

- LEGEND -

A M4-9L	DETOUR ←	30" X 24"	F R11-2	ROAD CLOSED	48" X 36"
B M4-9R	DETOUR →	30" X 24"	G M4-8	DETOUR AHEAD	36" X 36"
C WNV20-1	DETOUR ↑	30" X 24"	H R11-4	ROAD CLOSED TO THRU TRAFFIC	60" X 30"
			I W20-3	ROAD CLOSED AHEAD	36" X 36"

CMS - CHANGEABLE MESSAGE SIGN
- ROAD CLOSURE
- BARRICADE TYPE III
- DETOUR ROUTE

-CMS SIGN MESSAGES-

①	CHRLESTN BLVD CLOSED	USE ALTA DR
②	CHRLESTN BLVD CLOSED	USE SAHARA AVE
③	CHRLESTN BLVD CLOSED	FOLLOW DETOUR

CHARLESTON CLOSED WEST OF MLK

PHASE 1A

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC83	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
CHARLESTON BLVD
CLOSURE WEST OF MLK BLVD

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	S4-10	TC84

- LEGEND -

A	M4-9L	DETOUR	30" X 24"
B	M4-9R	DETOUR	30" X 24"
C	WNV20-1	DETOUR	30" X 24"
D	M1-1	INTERSTATE 15	36" X 36"
E	M3-1	NORTH	30" X 15"
G	W20-2	DETOUR AHEAD	36" X 36"
H	R11-2	RAMP CLOSED	48" X 30"

CMS - CHANGEABLE MESSAGE SIGN

- ROAD CLOSURE

] - BARRICADE TYPE III

-CMS SIGN MESSAGES-

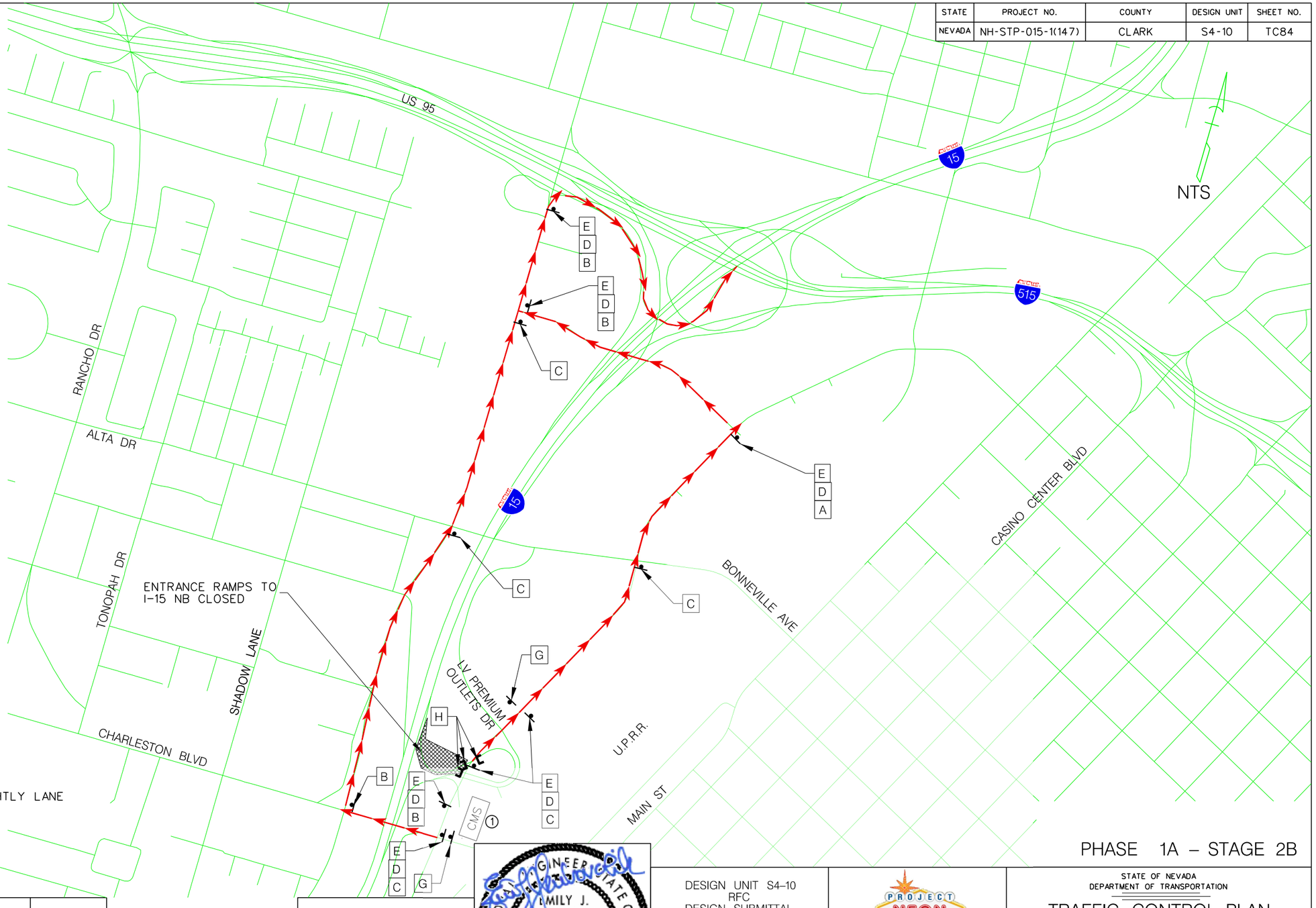
①	NB I-15 RAMP CLOSED	FOLLOW DETOUR

→→→ - DETOUR ROUTE

DETOUR NOTES:
PURPOSE: REBUILD EXIT AND ENTRANCE RAMPS FROM GRAND CENTRAL PKWY TO I-15 NB.

FROM 10/14/2016 - 10/16/2016

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE.



NO.	DESCRIPTION	DATE
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EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PHASE 1A – STAGE 2B

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
GRAND CENTRAL ENTRANCE RAMP CLOSURE AT NB I-15

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	EK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC85

DETOUR NOTES:
PURPOSE: RECONSTRUCTION OF I-15 NB OFF/ON RAMP TO GRAND CENTRAL PKWY TO LAS VEGAS PREMIUM OUTLETS.

FROM 10/14/2016 - 10/16/2016

NOTES:
CONSTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE.

- LEGEND -

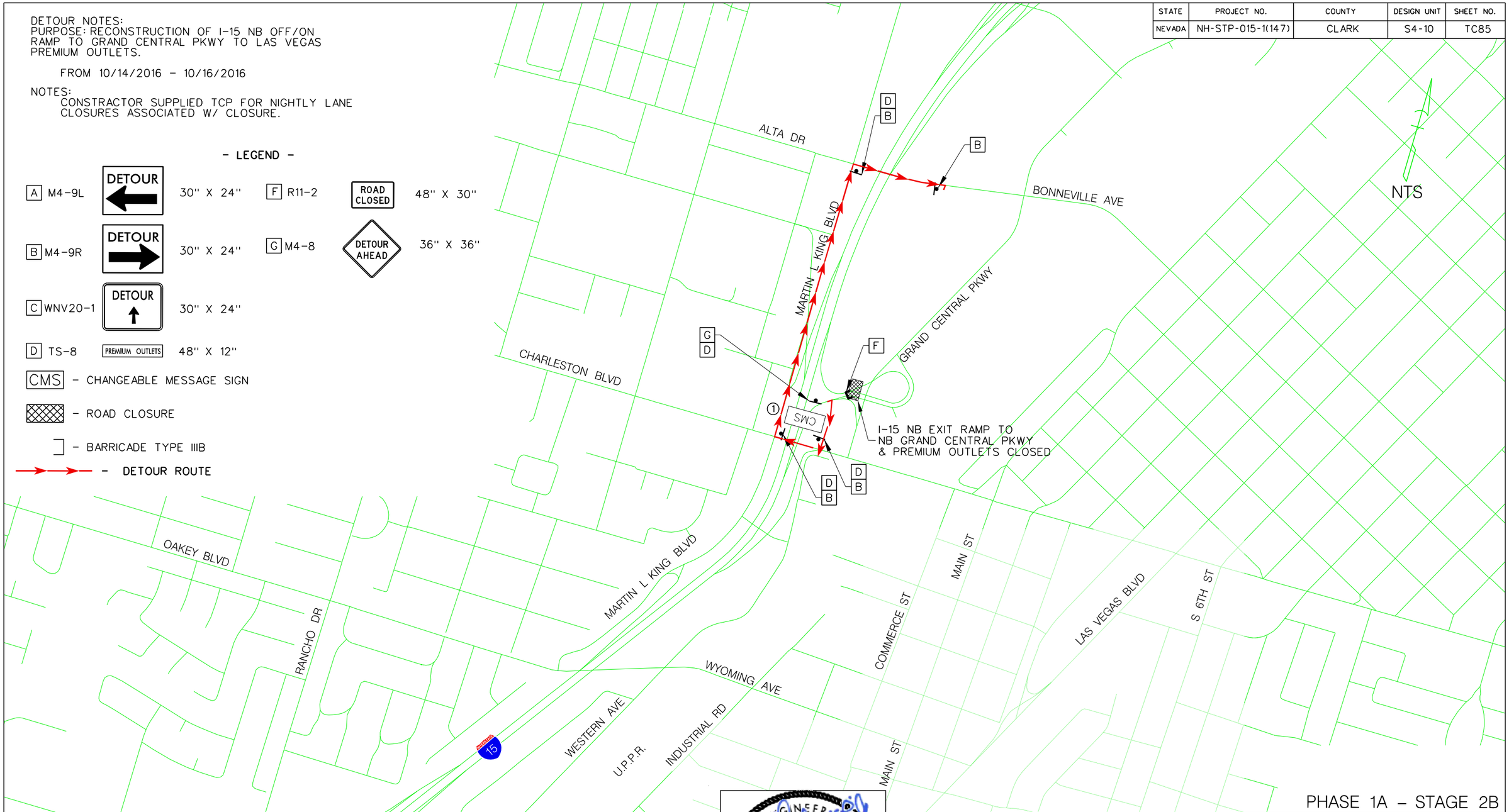
A	M4-9L	30" X 24"	F	R11-2	48" X 30"
B	M4-9R	30" X 24"	G	M4-8	36" X 36"
C	WNV20-1	30" X 24"			
D	TS-8	48" X 12"			

CMS - CHANGEABLE MESSAGE SIGN

- ROAD CLOSURE

- BARRICADE TYPE IIIB

- DETOUR ROUTE



PHASE 1A - STAGE 2B

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC85	7/1/16

-CMS SIGN MESSAGES-

①	LV PREMIUM OUTLETS	FOLLOW DETOUR

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
NB I-15 EXIT RAMP CLOSURE TO GRAND CENTRAL

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
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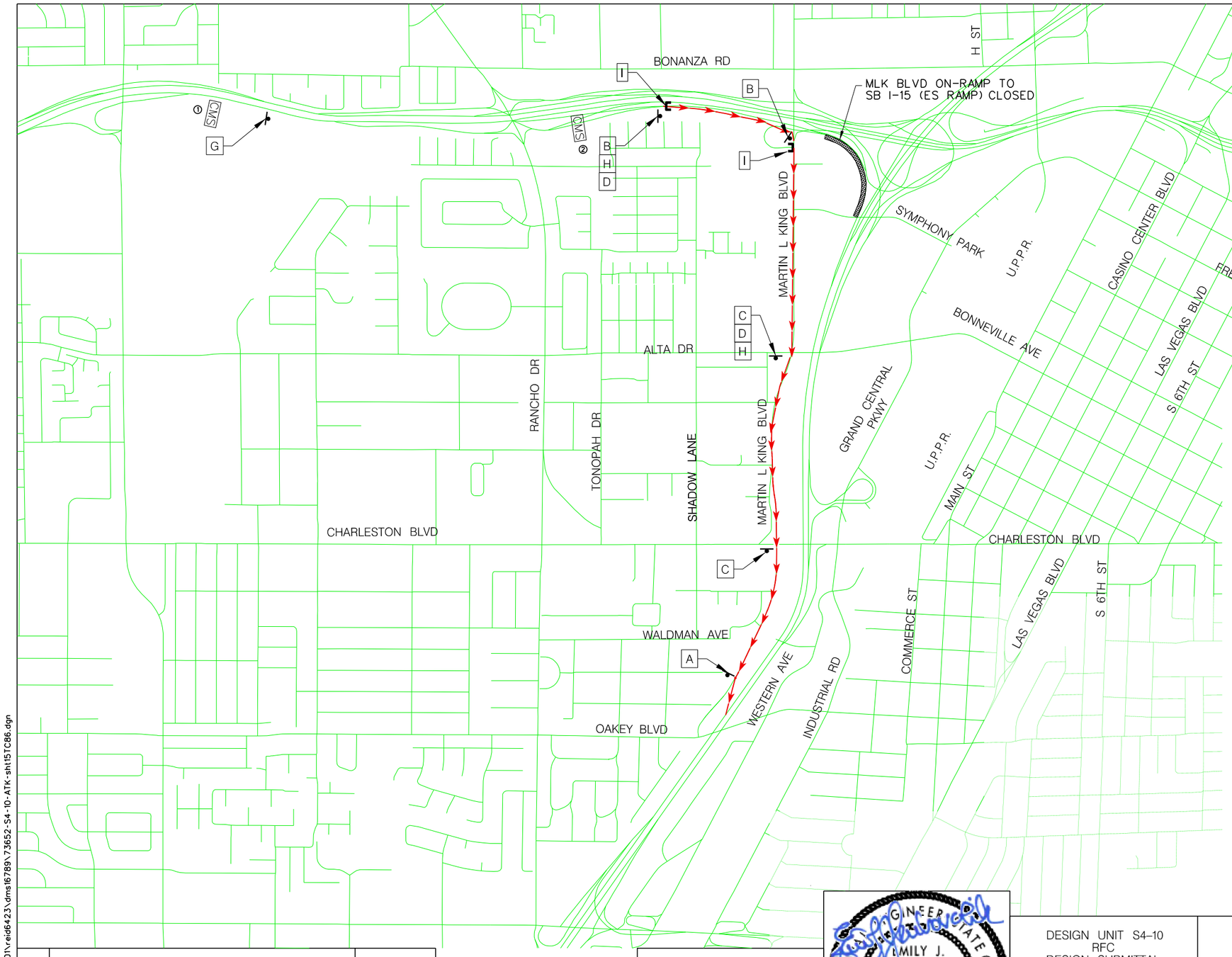
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC86



- LEGEND -

A M4-9L	DETOUR ←	30" X 24"	G W20-2	DETOUR AHEAD	36" X 36"
B M4-9R	DETOUR →	30" X 24"	H M1-1	INTERSTATE 15	24" X 24"
C WNV20-1	DETOUR ↑	30" X 24"			
D M3-3	SOUTH	24" X 12"	I RNV31-2	RAMP CLOSED	48" X 36"
F W20-3	ROAD CLOSED AHEAD	36" X 36"			

- BARRICADE TYPE III
- CMS - CHANGEABLE MESSAGE SIGN
- ROAD CLOSURE
- DETOUR ROUTE

DETOUR NOTES:
PURPOSE: CONSTRUCTION OF US95 EB TO I-15 SB RAMP TEMPORARY PAVEMENT.

FROM 12/16/2016 - 12/18/2016

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE

PHASE 1A

-CMS SIGN MESSAGES-

①	I-15 SB ON-RAMP CLOSED	FOLLOW DETOUR
②	I-15 SB ON-RAMP CLOSED	USE MLK EXIT

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC86	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
RAMP CLOSURE
SB I-15 (ES RAMP)

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	S4-10	TC87

- LEGEND -

A	M4-9L	DETOUR	30" X 24"
B	M4-9R	DETOUR	30" X 24"
C	WNV20-1	DETOUR	30" X 24"
E	W20-3	ROAD CLOSED AHEAD	36" X 36"
F	R11-2	ROAD CLOSED	48" X 30"
G	M4-8	DETOUR AHEAD	36" X 36"
H	R11-4	ROAD CLOSED TO THRU TRAFFIC	60" X 30"

CMS - CHANGEABLE MESSAGE SIGN

- ROAD CLOSURE

- DETOUR ROUTE

] - BARRICADE TYPE III

-CMS SIGN MESSAGES-

①	OAKEY CLOSED AT I-15	USE CHRLESTN BLVD
②	OAKEY CLOSED AT I-15	USE SAHARA AVE
③	ROAD CLOSED	FOLLOW DETOUR

NTS

OAKEY CLOSED AT I-15

DETOUR NOTES:
PURPOSE: NEW BRIDGE CONSTRUCTION OVER OAKEY BLVD.
4 NIGHTS FOR EACH STRUCTURE

H-3056 1/2017 - 4/2017
H-933N 5/2017 - 11/2017

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE

PHASE 1B, 1C

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC87	7/1/16

EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
OAKEY BLVD
CLOSURE AT I-15

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	S4-10	TC88

- LEGEND -

A	M4-9L	DETOUR	30" X 24"	F R11-2	ROAD CLOSED — 48" X 30"
B	M4-9R	DETOUR	30" X 24"	G M4-8	DETOUR AHEAD — 36" X 36"
C	WNV20-1	DETOUR	30" X 24"	H R11-4	ROAD CLOSED TO THRU TRAFFIC — 60" X 30"

CMS - CHANGEABLE MESSAGE SIGN

- ROAD CLOSURE

- DETOUR ROUTE

] - BARRICADE TYPE III

NTS

DETOUR NOTES:
PURPOSE: CONSTRUCTION OF CCRFC BOX AND NEW MLK ROADWAY.

1. FULL CLOSURE FOR MAXIMUM OF 3 CONSTRUCTION CLOSURES W/A DURATION NOT TO EXCEED 120 DAYS

   FROM 12/2016 - 2/2017

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE

-CMS SIGN MESSAGES-

①	MLK CLOSED AHEAD	USE WESTERN AVE
②	MLK CLOSED AHEAD	USE WALL ST

NO.	DESCRIPTION	DATE
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EMILY J. KUBOVCHIK
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CIVIL
No. 13950
PROFESSIONAL ENGINEER STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PHASE 1B STAGE 1

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
MLK BLVD – CLOSURE
OAKEY BLVD TO FIRE STATION

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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	S4-10	TC89

- LEGEND -

A	M4-9L	30" X 24"	E	M4-8A	24" X 18"
B	M4-9R	30" X 24"	F	R11-2	48" X 30"
C	WNV20-1	30" X 24"	G	M4-8	36" X 36"

CMS - CHANGEABLE MESSAGE SIGN

- ROAD CLOSURE

- DETOUR ROUTE

- BARRICADE TYPE III

NTS

-CMS SIGN MESSAGES-

①	PINTO CLOSED AHEAD	USE SHADOW LN
②	PINTO CLOSED AHEAD	USE ALTA DR

DETOUR NOTES:
PURPOSE: CONSTRUCTION OF PINTO LN.
1. FULL CLOSURE FOR A MAXIMUM OF 60 DAYS.
12/2016 - 4/2017

NOTES:
CONTRACTOR SUPPLIED TCP FOR NIGHTLY LANE CLOSURES ASSOCIATED W/ CLOSURE

NO.	DESCRIPTION	DATE
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PROFESSIONAL ENGINEER
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PHASE 1B

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
PINTO LN – CLOSURE
MLK BLVD TO DESERT LN

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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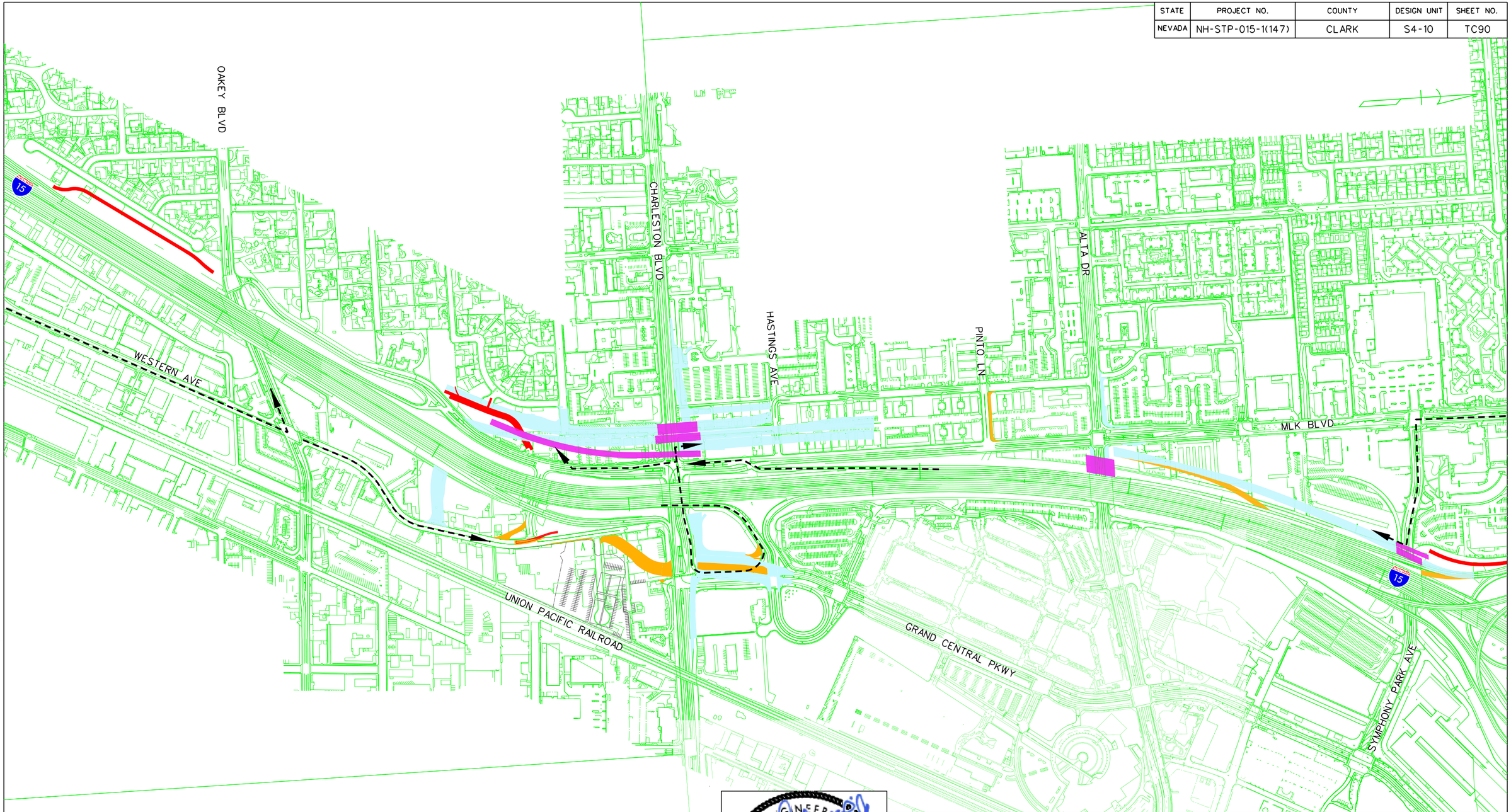
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC90



NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC90	7/1/16

- LEGEND -

- - - - ► - HAUL ROUTE

PROFESSIONAL ENGINEER
EMILY J. KUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
HAUL ROUTE
PHASE 1A

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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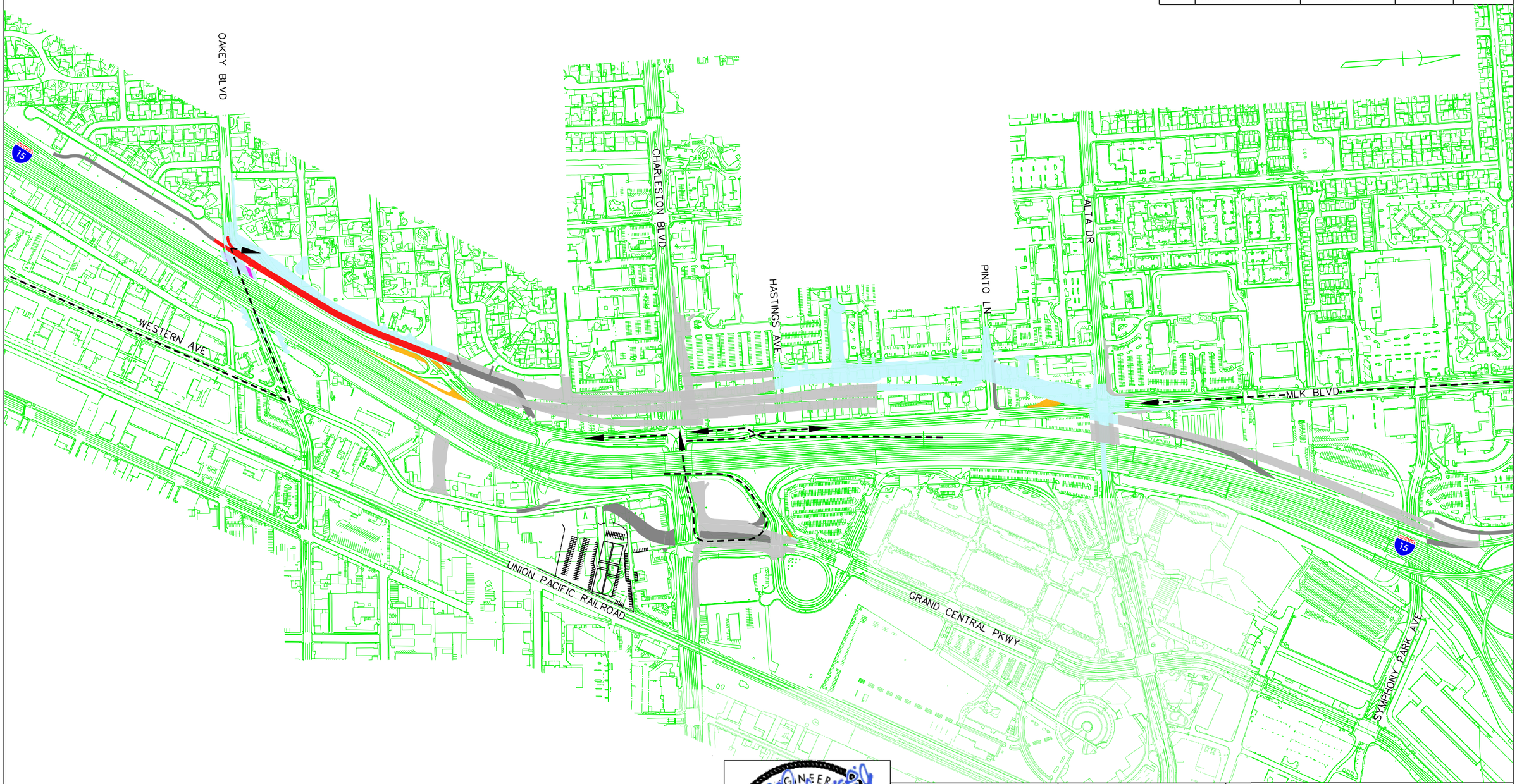
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC91



- LEGEND -

- - - - ▶ - HAUL ROUTE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC91	7/1/16

PROFESSIONAL ENGINEER STATE OF NEVADA
EMILY J. RUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
HAUL ROUTE
PHASE 1B

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
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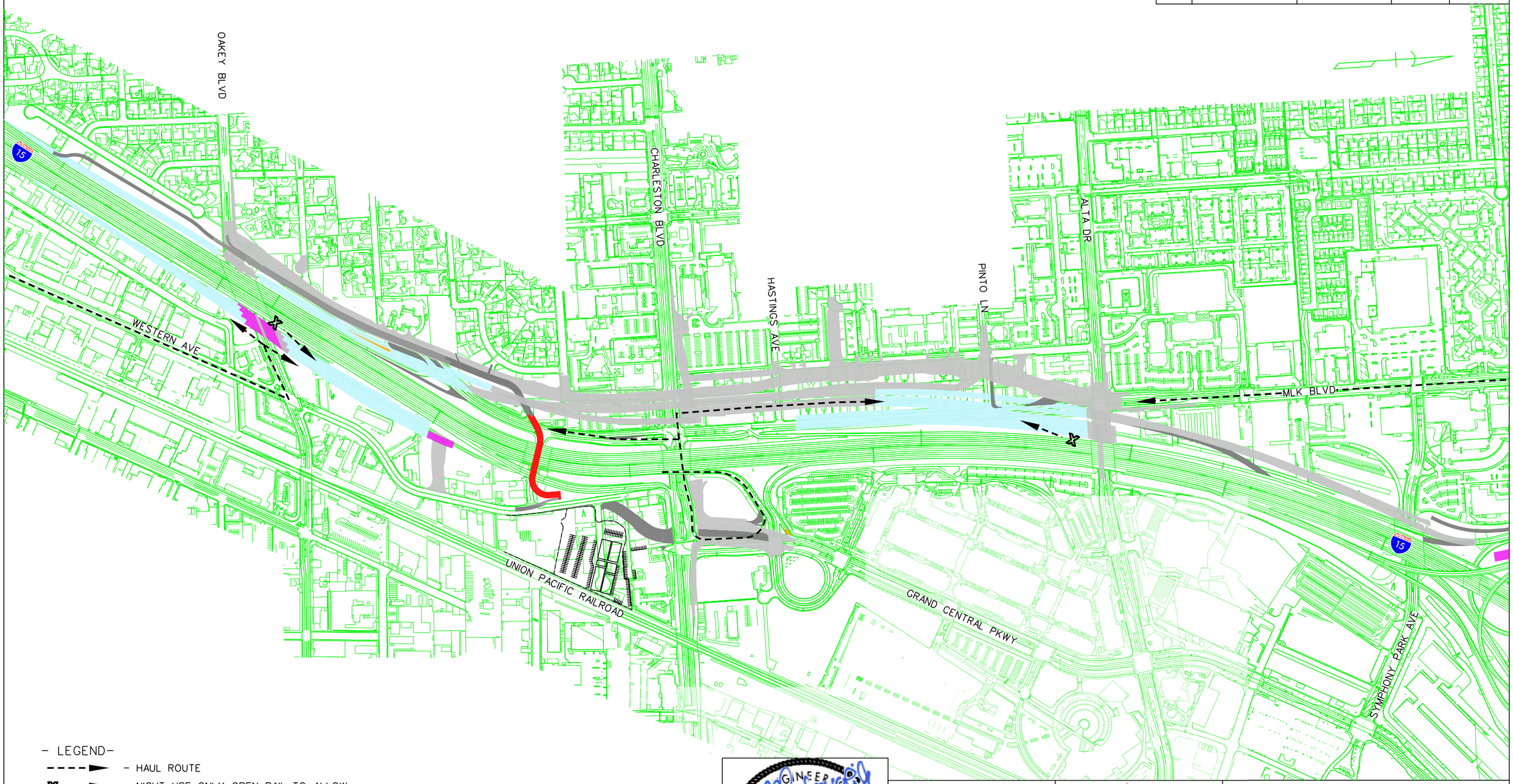
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC92



– LEGEND –

– HAUL ROUTE

– NIGHT USE ONLY. OPEN RAIL TO ALLOW HAUL FROM FREEWAY

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-ATK-SHT15TC92	7/1/16

PROFESSIONAL ENGINEER
EMILY J. GUBOVCHIK
Exp. 06/30/17
CIVIL
No. 13950
STATE OF NEVADA
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JULY 1, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
HAUL ROUTE
PHASE 1C

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

DESIGNED BY	JP
DRAWN BY	JP
CHECKED BY	MM
REVIEWED BY	EK

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC93

NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF LAS VEGAS REGARDING THE RELOCATION OR REMOVAL OF EMERGENCY VEHICLE DETECTION, VIDEO DETECTION, AND ITS EQUIPMENT LOCATED ON EXISTING SIGNAL POLES AND MAST ARMS BEING REMOVED. DEPENDING ON PHASE AND NATURE OF DEVICE, CERTAIN DEVICES MAY REQUIRE CONTINUE USE UNTIL RESPECTIVE PERMANENT FEATURES ARE INSTALLED.

2. ALL TEMPORARY PEDESTRIAN SIGNALS SHALL BE LED COUNTDOWN MEETING ITE VTCSH-2 AND PTCS1 PART 2 REQUIREMENTS. THE HOUSING SHALL BE 16-INCH BY 18-INCH. PEDESTRIAN SIGNAL INDICATIONS SHALL BE DIALIGHT (*430-3479-001X OR *JXM-400-VIEIL) OR APPROVED EQUAL.

3. ALL TEMPORARY OVERHEAD SIGNAL INDICATIONS SHALL BE CENTERED ON LANE, OR AS CLOSE AS PRACTICAL.

4. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONNECTIONS BETWEEN THE CONTROLLER CABINET AND THE FIELD EQUIPMENT TO ENSURE A COMPLETE OPERATIONAL SIGNAL SYSTEM.

5. EXISTING TRAFFIC EQUIPMENT REMOVED AND NOT RELOCATED, SHALL BE SALVAGED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF LAS VEGAS. 3104 EAST BONANZA ROAD. CONTACT TEFO (702-229-6331) TO SET UP DELIVERY TIME.

6. TEMPORARY, EXISTING, OR PROPOSED SIGNAL POLES WITH ATTACHED SPAN WIRES SHALL BE PROPERLY GUYED. ANY SPAN WIRE POLES INSTALLED WITHOUT AN ANCHOR SHALL BE ANALYZED BY A STRUCTURAL ENGINEER AND FOUND SUFFICIENT TO SUPPORT THE SPAN WIRES AND ASSOCIATED SIGNAL EQUIPMENT FOR EACH PHASE WITHOUT AN ANCHOR.

7. TEMPORARY TRAFFIC SIGNALS MOUNTED ON SPAN WIRE SHALL BE MAINTAINED AT THE REQUIRED MUTCD MINIMUM CLEARANCE ABOVE THE PAVEMENT SURFACE.

8. UNLESS NOTED, THE CONTRACTOR IS NOT PRECLUDED FROM THE CONSTRUCTION AND USE OF NEW PERMANENT TRAFFIC SIGNAL POLES, IN LIEU OF EXISTING TRAFFIC SIGNAL POLES DESCRIBED, FOR EACH INTERSECTION AND CONSTRUCTION PHASE.

9. EXISTING MARKED CROSSWALKS, WITH PROHIBITED PEDESTRIAN MOVEMENTS DURING A PARTICULAR CONSTRUCTION PHASE, SHALL BE OBLITERATED.

10. STOP BARS, CENTERLINES AND LANE LINES SHALL BE ADJUSTED FOR PROPER CONTROL OF APPROACHING TRAFFIC FOR EACH CONSTRUCTION PHASE.

11. ADDITIONAL TEMPORARY LIGHTING TO BE PROVIDED IN CW-31.

12. FOR ALL SPAN WIRE MOUNTED SIGNAL HEADS, CONTRACTOR SHALL PROVIDE LENGTH OF CONNECTION CABLE TO ACCOMMODATE LANE CHANGES BETWEEN PHASES.

13. SIGNAL HEADS, PEDESTRIAN HEADS AND PEDESTRIAN PUSHBUTTONS SHALL BE BAGGED/COVERED WHEN NOT IN USE.

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NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC93	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER STATE OF NEVADA
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN GENERAL NOTES

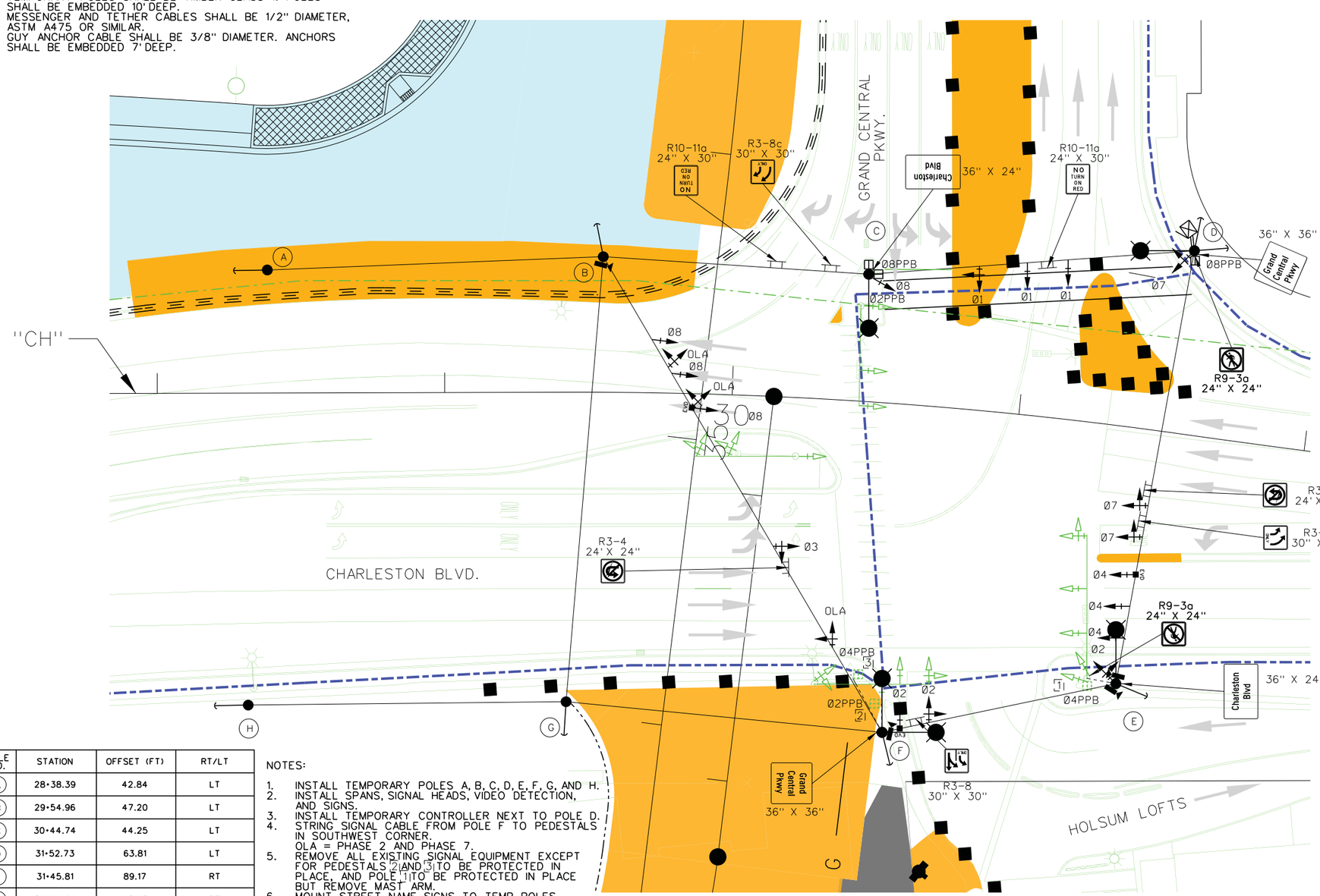
ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY	DDS
DRAWN BY	AQ
CHECKED BY	DDS
REVIEWED BY	LLK

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC94

TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.

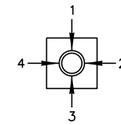


POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
C	30+44.74	44.25	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT

NOTES:

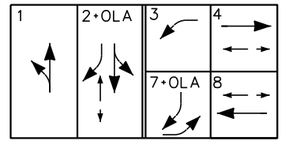
1. INSTALL TEMPORARY POLES A, B, C, D, E, F, G, AND H.
2. INSTALL SPANS, SIGNAL HEADS, VIDEO DETECTION, AND SIGNS.
3. INSTALL TEMPORARY CONTROLLER NEXT TO POLE D.
4. STRING SIGNAL CABLE FROM POLE F TO PEDESTALS IN SOUTHWEST CORNER.
   OLA = PHASE 2 AND PHASE 7.
5. REMOVE ALL EXISTING SIGNAL EQUIPMENT EXCEPT FOR PEDESTALS 2 AND 3 TO BE PROTECTED IN PLACE, AND POLE 1 TO BE PROTECTED IN PLACE BUT REMOVE MAST ARM.
6. MOUNT STREET NAME SIGNS TO TEMP POLES.

NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC94	06/30/16



QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

PHASE DIAGRAM

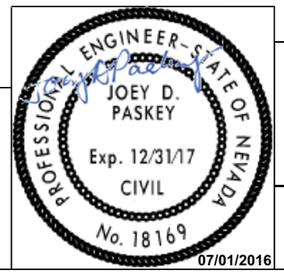


CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- EVD OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) NEW TEMPORARY SIGNAL POLE ID
- (X) TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR — TT SPAN WIRE SIGN
- Ø2PPB PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1A – STAGE 1



DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN CHARLESTON BLVD AT GRAND CENTRAL PKWY

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

DESIGNED BY	JFP
DRAWN BY	JFP
CHECKED BY	JDP
REVIEWED BY	SED

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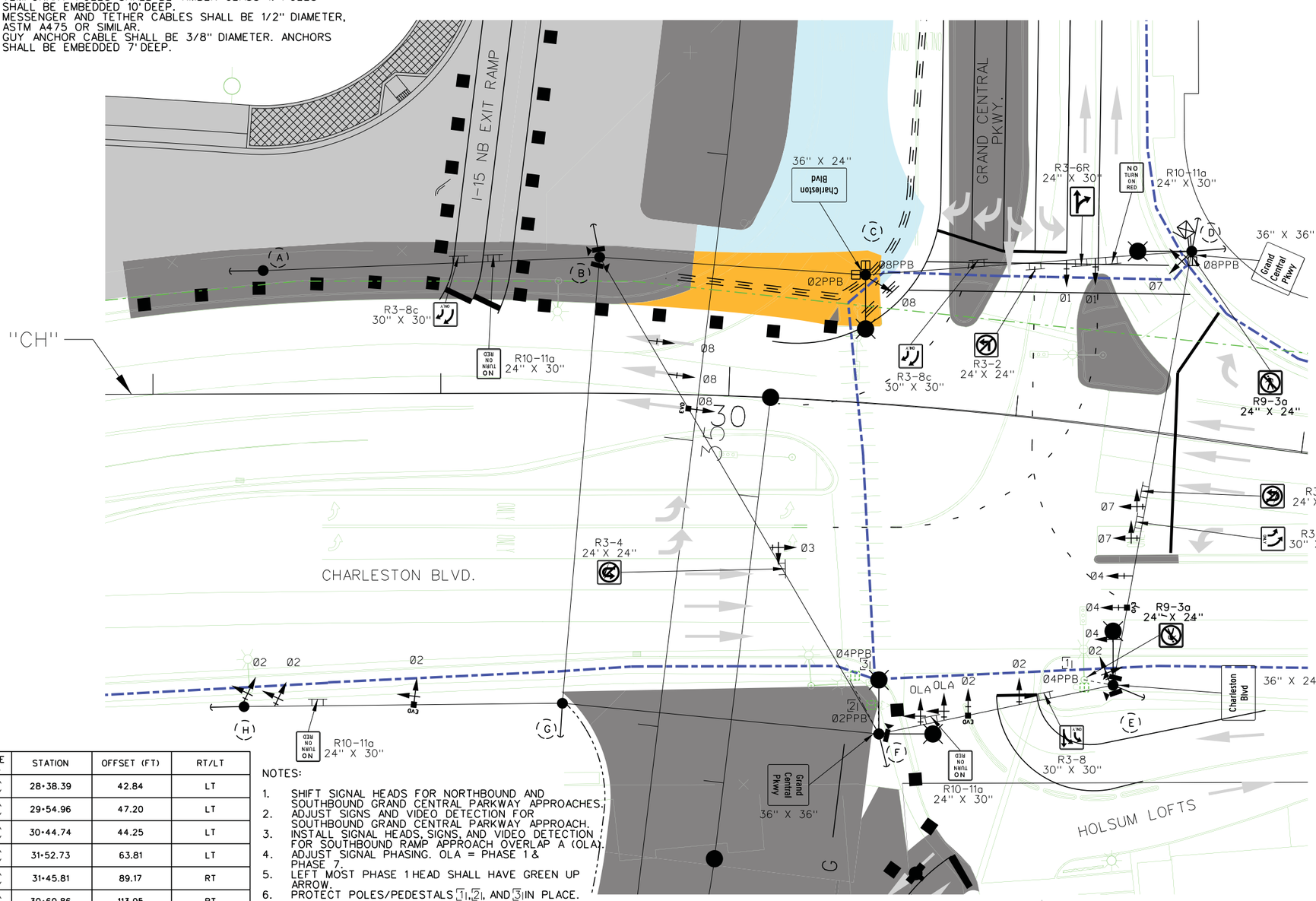
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC95

TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.

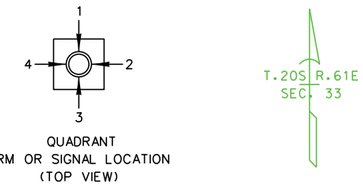


POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
C	30+44.74	44.25	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT

NOTES:

1. SHIFT SIGNAL HEADS FOR NORTHBOUND AND SOUTHBOUND GRAND CENTRAL PARKWAY APPROACHES.
2. ADJUST SIGNS AND VIDEO DETECTION FOR SOUTHBOUND GRAND CENTRAL PARKWAY APPROACH.
3. INSTALL SIGNAL HEADS, SIGNS, AND VIDEO DETECTION FOR SOUTHBOUND RAMP APPROACH OVERLAP A (OLA).
4. ADJUST SIGNAL PHASING. OLA = PHASE 1 & PHASE 7.
5. LEFT MOST PHASE 1 HEAD SHALL HAVE GREEN UP ARROW.
6. PROTECT POLES/PEDESTALS 1, 2, AND 3 IN PLACE.

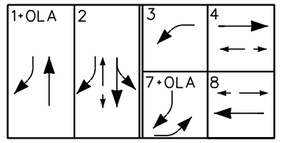
NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC95	06/30/16



QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

T.20S R.61E
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- EVD OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) NEW TEMPORARY SIGNAL POLE ID
- (X) TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR — TT SPAN WIRE SIGN
- Ø2PPB PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1A – STAGE 2A

PROFESSIONAL ENGINEER-STATE OF NEVADA
JOEY D. PASKEY
Exp. 12/31/17
CIVIL
No. 18169
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN CHARLESTON BLVD AT GRAND CENTRAL PKWY

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

DESIGNED BY JFP
DRAWN BY JFP
CHECKED BY JDP
REVIEWED BY SED

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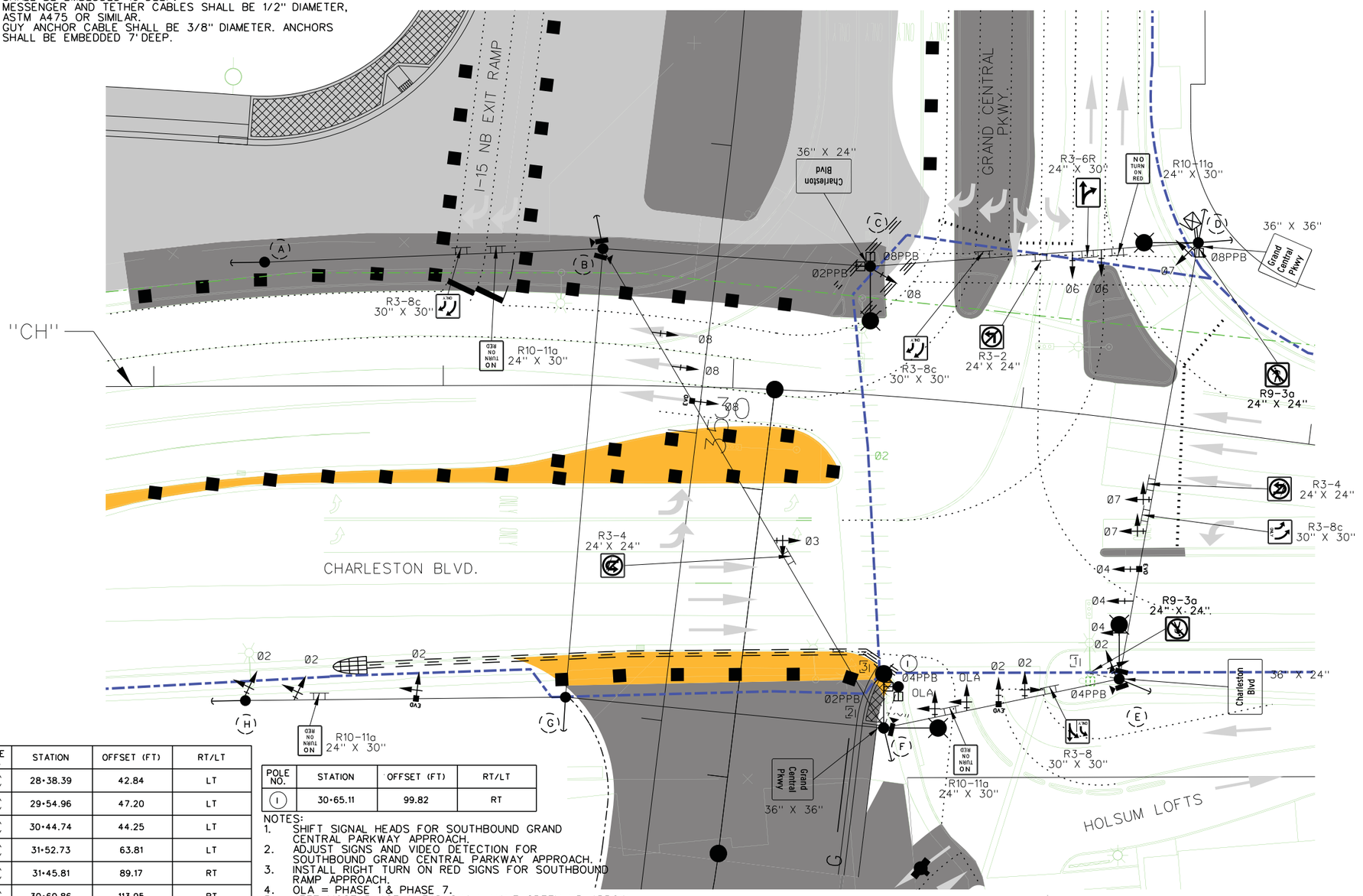
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC96

TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.



POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
C	30+44.74	44.25	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT

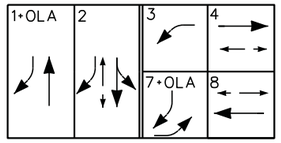
POLE NO.	STATION	OFFSET (FT)	RT/LT
I	30+65.11	99.82	RT

NOTES:
1. SHIFT SIGNAL HEADS FOR SOUTHBOUND GRAND CENTRAL PARKWAY APPROACH.
2. ADJUST SIGNS AND VIDEO DETECTION FOR SOUTHBOUND GRAND CENTRAL PARKWAY APPROACH.
3. INSTALL RIGHT TURN ON RED SIGNS FOR SOUTHBOUND RAMP APPROACH.
4. OLA = PHASE 1 & PHASE 7.
5. LEFT MOST PHASE 1 HEAD SHALL HAVE GREEN UP ARROW.
6. PROTECT POLE 1 IN PLACE. REMOVE PEDESTALS 2 & 3.

QUADRANT ARM OR SIGNAL LOCATION (TOP VIEW)

T.20S R.61E SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- EVD OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) NEW TEMPORARY SIGNAL POLE ID
- (X) TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR
- TT SPAN WIRE SIGN
- Ø2PPB PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1A – STAGE 2B

NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC96	06/30/16

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PROFESSIONAL ENGINEER – STATE OF NEVADA
JOEY D. PASKEY
Exp. 12/31/17
CIVIL
No. 18169
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN CHARLESTON BLVD AT GRAND CENTRAL PKWY

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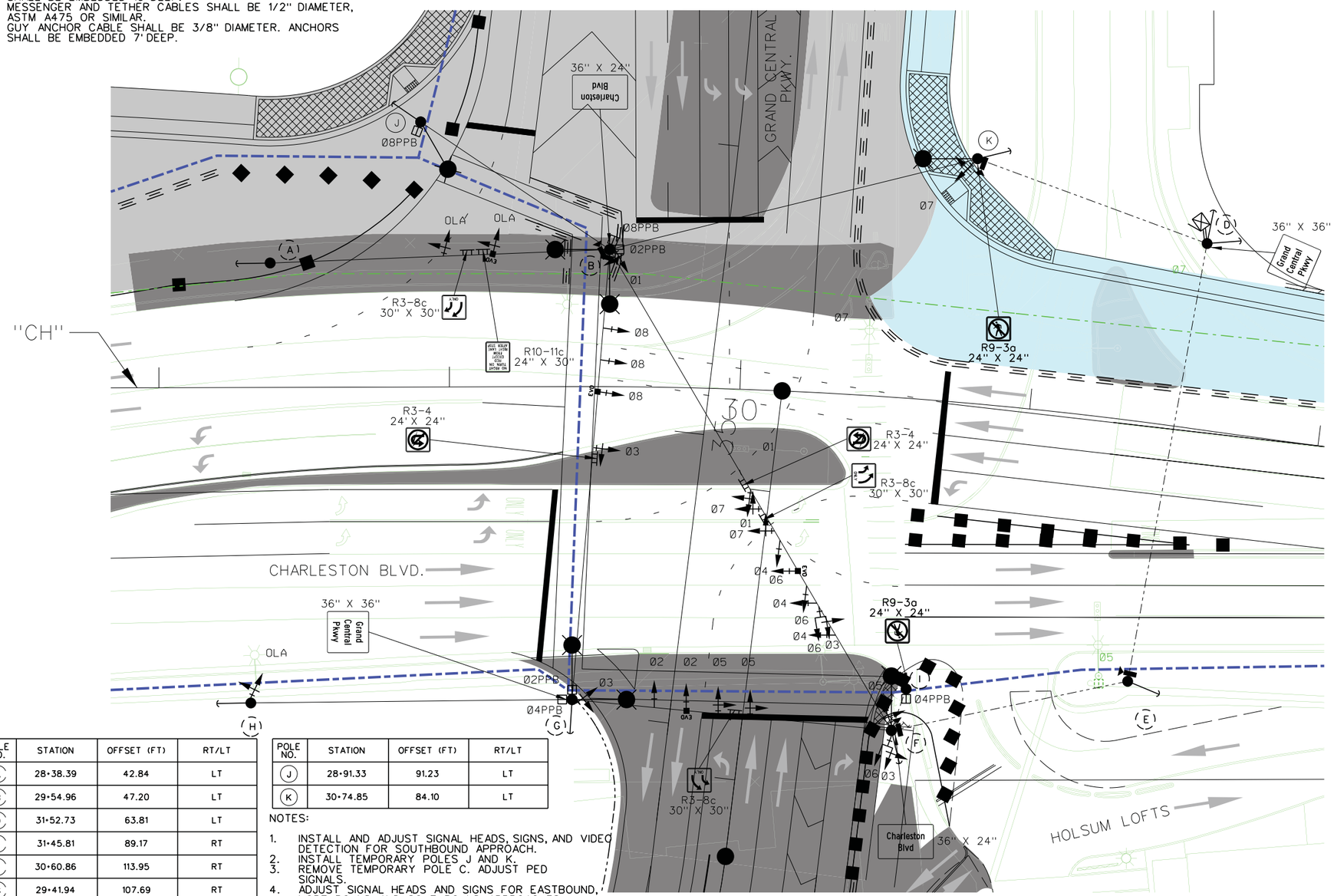
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
www.atkinsglobal.com

DESIGNED BY	JFP
DRAWN BY	JFP
CHECKED BY	JDP
REVIEWED BY	SED

TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.



POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT
I	30+65.11	99.82	RT

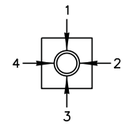
POLE NO.	STATION	OFFSET (FT)	RT/LT
J	28+91.33	91.23	LT
K	30+74.85	84.10	LT

NOTES:

1. INSTALL AND ADJUST SIGNAL HEADS, SIGNS, AND VIDEO DETECTION FOR SOUTHBOUND APPROACH.
2. INSTALL TEMPORARY POLES J AND K.
3. REMOVE TEMPORARY POLE C. ADJUST PED SIGNALS.
4. ADJUST SIGNAL HEADS AND SIGNS FOR EASTBOUND, NORTHBOUND, AND SOUTHBOUND APPROACHES.
5. ADJUST SIGNAL PHASING. OLA = PHASE 2 & PHASE 7.

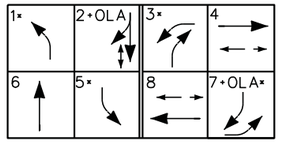
NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC97	06/30/16

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC97



QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.
* LEFT TURN PHASES 1 & 5 AND 3 & 7 CANNOT BE RUN CONCURRENTLY.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- EVD – OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) – NEW TEMPORARY SIGNAL POLE ID
- (X) – TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR — TT — SPAN WIRE SIGN
- Ø2PPB – PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1A – STAGE 3A

PROFESSIONAL ENGINEER – STATE OF NEVADA
JOEY D. PASKEY
Exp. 12/31/17
CIVIL
No. 18169
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
CHARLESTON BLVD AT GRAND CENTRAL PKWY

ATKINS
2270 Corporate Circle
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DRAWN BY JFP
CHECKED BY JDP
REVIEWED BY SED

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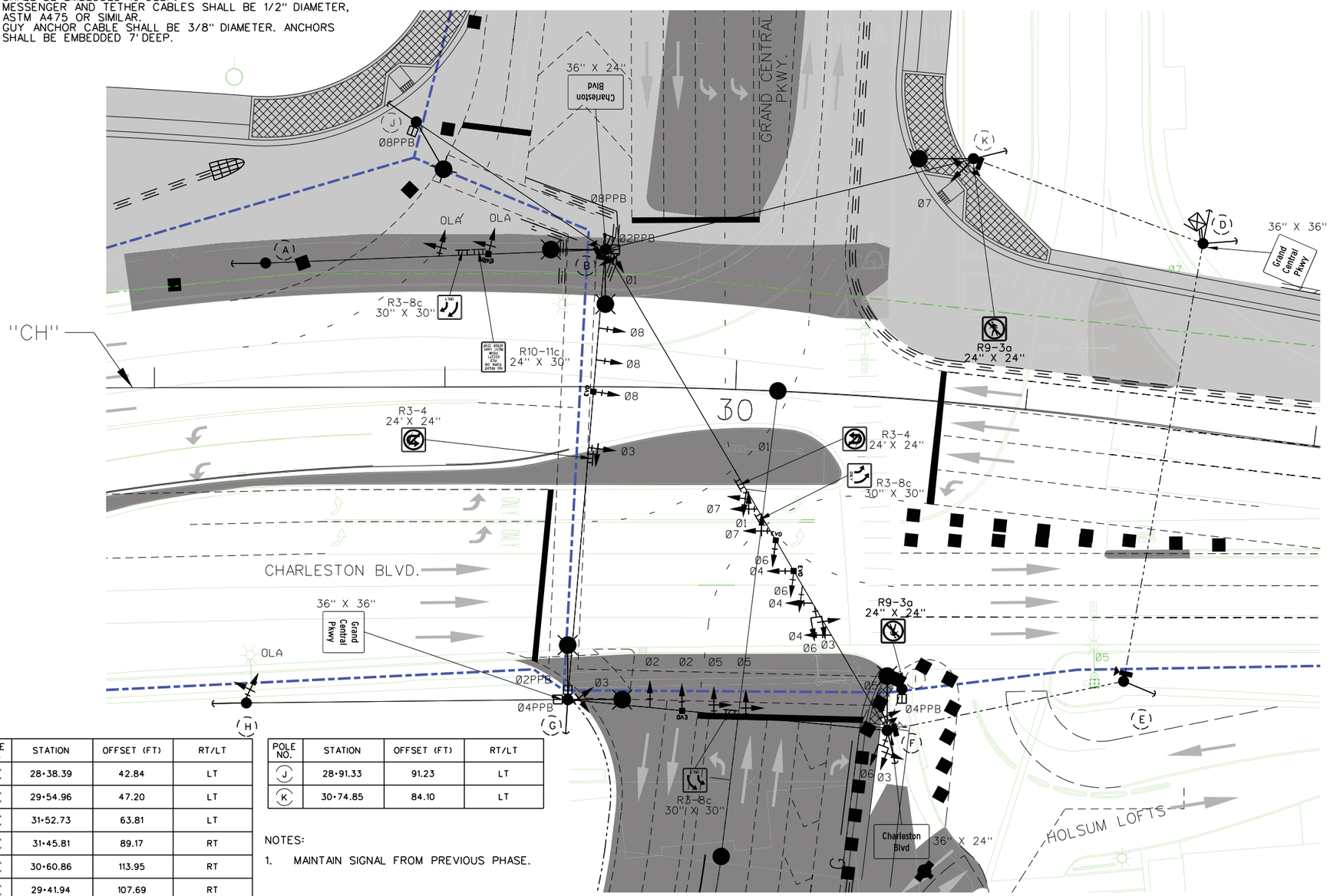
TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.



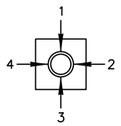
POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT
I	30+65.11	99.82	RT

POLE NO.	STATION	OFFSET (FT)	RT/LT
J	28+91.33	91.23	LT
K	30+74.85	84.10	LT

NOTES:

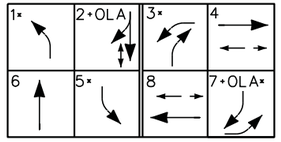
1. MAINTAIN SIGNAL FROM PREVIOUS PHASE.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC98



QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.
* LEFT TURN PHASES 1 & 5 AND 3 & 7 CANNOT BE RUN CONCURRENTLY.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) NEW TEMPORARY SIGNAL POLE ID
- (X) TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR — SPAN WIRE SIGN
- Ø2PPB PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1A – STAGE 3B

NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC98	06/30/16

PROFESSIONAL ENGINEER – STATE OF NEVADA
JOEY D. PASKEY
Exp. 12/31/17
CIVIL
No. 18169
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN CHARLESTON BLVD AT GRAND CENTRAL PKWY

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 JFP
CHECKED BY JDP
REVIEWED BY SED

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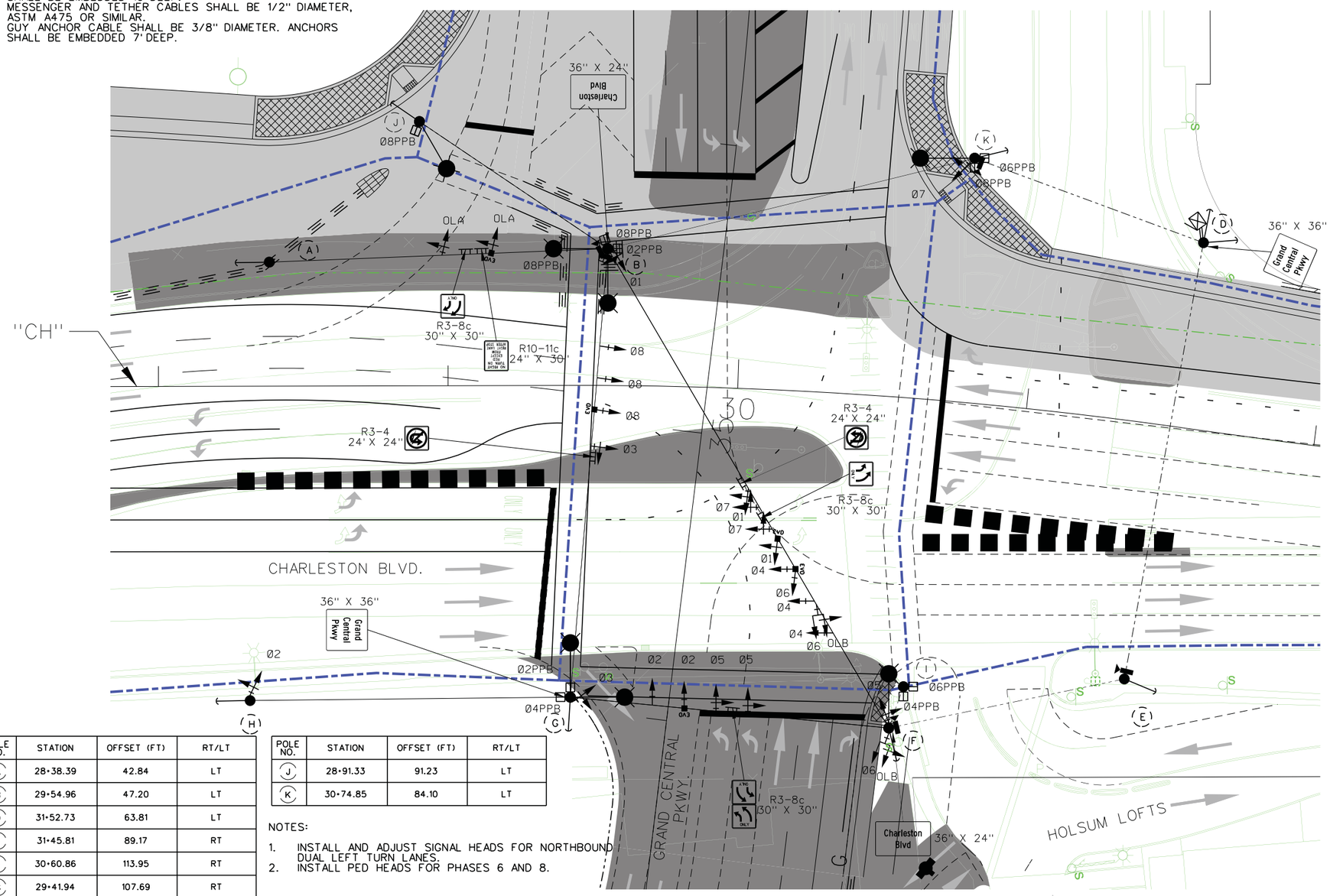
TEMPORARY POLE NOTES:

1. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
2. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
3. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.



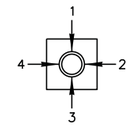
POLE NO.	STATION	OFFSET (FT)	RT/LT
A	28+38.39	42.84	LT
B	29+54.96	47.20	LT
D	31+52.73	63.81	LT
E	31+45.81	89.17	RT
F	30+60.86	113.95	RT
G	29+41.94	107.69	RT
H	28+31.36	108.58	RT
I	30+65.11	99.82	RT

POLE NO.	STATION	OFFSET (FT)	RT/LT
J	28+91.33	91.23	LT
K	30+74.85	84.10	LT

NOTES:

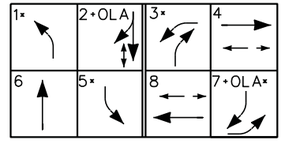
1. INSTALL AND ADJUST SIGNAL HEADS FOR NORTHBOUND DUAL LEFT TURN LANES.
2. INSTALL PED HEADS FOR PHASES 6 AND 8.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC99



QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.
* LEFT TURN PHASES 1 & 5 AND 3 & 7 CANNOT BE RUN CONCURRENTLY.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- AERIAL MESSENGER AND TETHER CABLES
- AERIAL SIGNAL CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TEMPORARY LUMINAIRE
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- PEDESTRIAN PATHWAY
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTOR
- EVD - OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- (X) - NEW TEMPORARY SIGNAL POLE ID
- (X) - TEMPORARY SIGNAL POLE ID (EXISTING FROM PREVIOUS PHASE)
- GUY ANCHOR — TT - SPAN WIRE SIGN
- Ø2PPB - PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

PHASE 1B

NO.	DESCRIPTION	DATE
0	RFC - 73562-04-10-ATK-SHT15TC99	06/30/16

PROFESSIONAL ENGINEER - STATE OF NEVADA
JOEY D. PASKEY
Exp. 12/31/17
CIVIL
No. 18169
07/01/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

NOT FOR CONSTRUCTION
JUNE 30, 2016

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN CHARLESTON BLVD AT GRAND CENTRAL PKWY

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Henderson, Nevada 89074
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www.atkinsglobal.com

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REVIEWED BY SED

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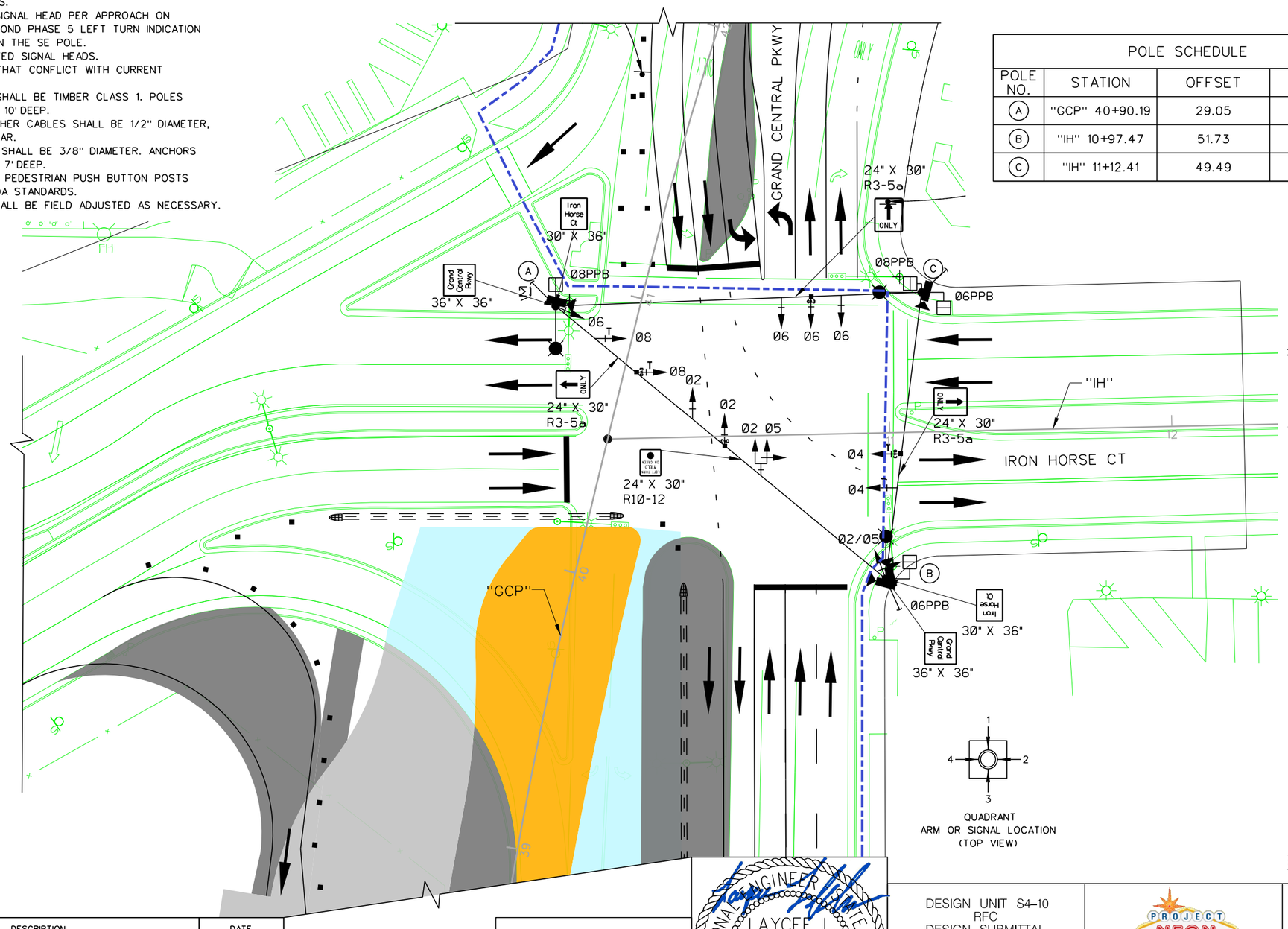
NOTES:

1. INSTALL SPAN WIRE BETWEEN INSTALLED TEMPORARY NORTHWEST, NORTHEAST AND SOUTHEAST TEMPORARY POLES.
2. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR ALL APPROACHES.
3. INSTALL MINIMUM 2 SIGNAL HEAD PER APPROACH ON SPAN WIRE. THE SECOND PHASE 5 LEFT TURN INDICATION SHALL BE PLACED ON THE SE POLE.
4. INSTALL POLE MOUNTED SIGNAL HEADS.
5. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
6. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
7. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
8. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
9. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
10. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

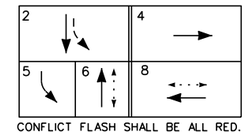
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC100



POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
A	"GCP" 40+90.19	29.05	LT
B	"IH" 10+97.47	51.73	RT
C	"IH" 11+12.41	49.49	LT

T.20S R.61E.
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

LEGEND

- EXISTING CONTROLLER CABINET
- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (UP ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TRAFFIC SIGNAL HEAD (5 SECTION–VERTICAL)
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- PROPOSED SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- EXISTING SIGNAL POLE
- PEDESTRIAN PATHWAY
- Ø PPB – PEDESTRIAN PUSH BUTTON
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- TEMPORARY LUMINAIRE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC100	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER STATE OF NEVADA
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN GRAND CENTRAL & IRON HORSE PHASE 1A – STAGE 2A

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

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REVIEWED BY	LLK

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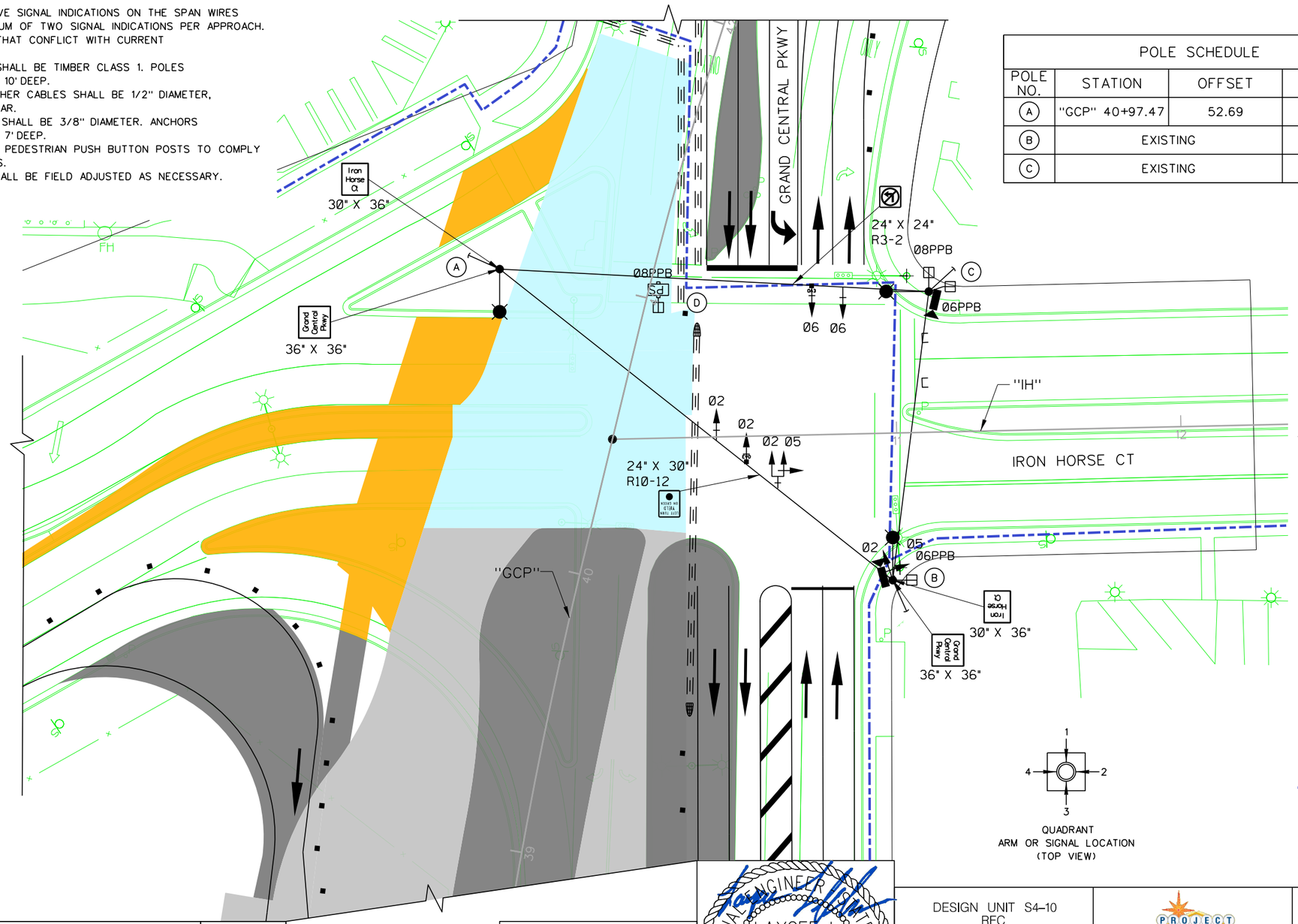
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC101

NOTES:

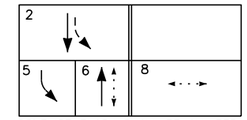
1. MOVE POLE A AS NOTED IN THE POLE SCHEDULE. RECONNECT SPAN WIRES TO THE NEW POLE A LOCATION.
2. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR ALL APPROACHES.
3. ADD, REMOVE OR MOVE SIGNAL INDICATIONS ON THE SPAN WIRES TO MAINTAIN A MINIMUM OF TWO SIGNAL INDICATIONS PER APPROACH.
4. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
5. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
6. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
7. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
8. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
9. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.



POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
(A)	"GCP" 40+97.47	52.69	LT
(B)	EXISTING		RT
(C)	EXISTING		LT

T.20S R.61E.
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- EXISTING CONTROLLER CABINET
- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- TEMPORARY PORTABLE SIGNAL
- PROPOSED SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- EXISTING SIGNAL POLE
- PEDESTRIAN PATH
- Ø PPB - PEDESTRIAN PUSH BUTTON
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- TEMPORARY LUMINAIRE

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC101	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
STATE OF NEVADA
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
GRAND CENTRAL & IRON HORSE
PHASE 1A – STAGE 2B

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	LLK

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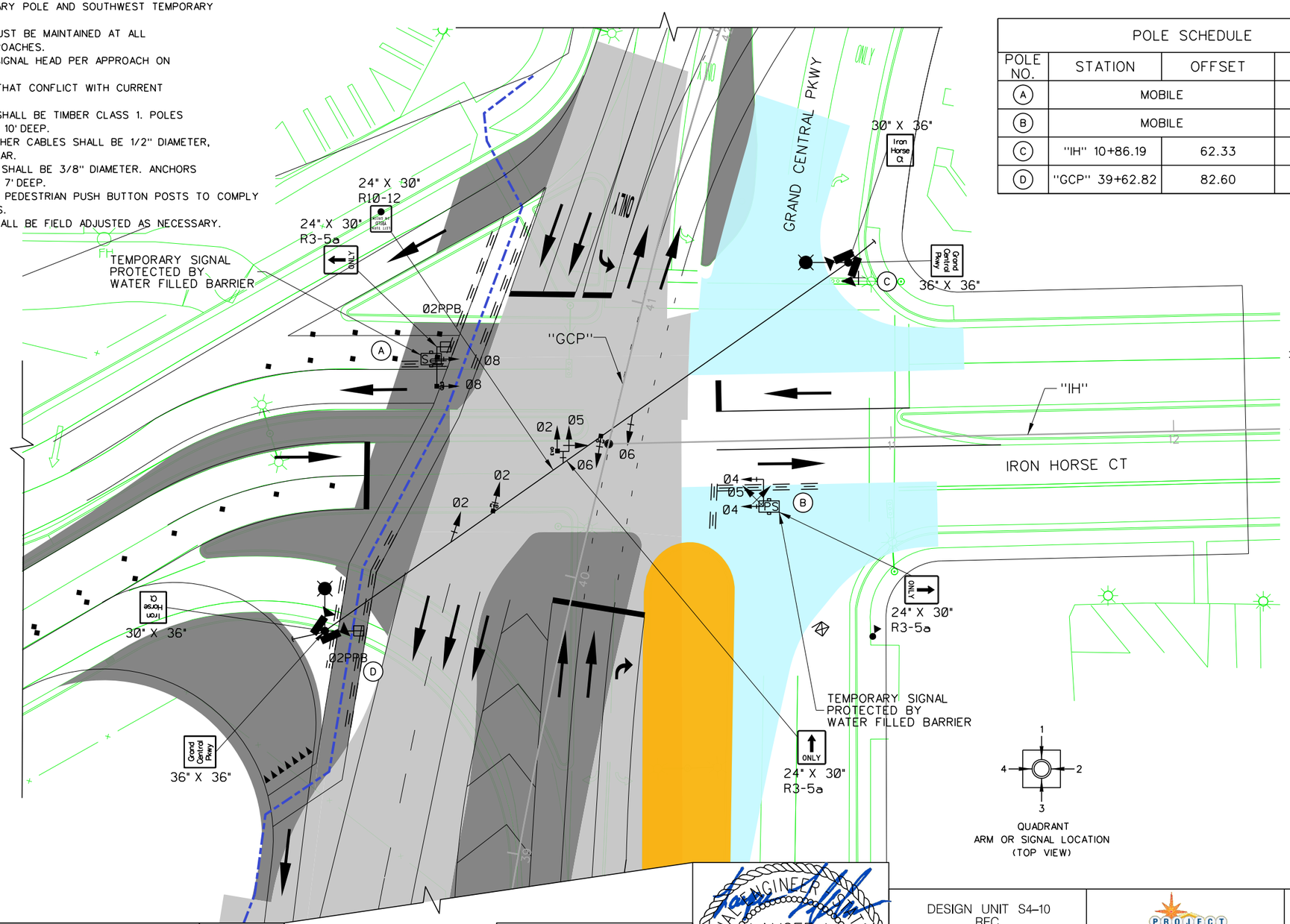
NOTES:

1. EASTBOUND AND WESTBOUND TRAFFIC MAINTAINED WITH TEMPORARY PORTABLE SIGNALS WITH MASTARMS.
2. INSTALL SPAN WIRE BETWEEN INSTALLED NORTHEAST TEMPORARY POLE AND SOUTHWEST TEMPORARY POLES.
3. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR ALL APPROACHES.
4. INSTALL MINIMUM 2 SIGNAL HEAD PER APPROACH ON SPAN WIRE.
5. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
6. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
7. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
8. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
9. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
10. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

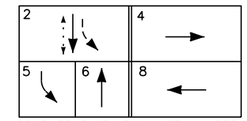
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC102



POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
A	MOBILE		LT
B	MOBILE		RT
C	"IH" 10+86.19	62.33	LT
D	"GCP" 39+62.82	82.60	LT

T.20S R.61E.
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- PROPOSED SIGNAL POLE
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- TEMPORARY PORTABLE SIGNAL
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PATHWAY
- Ø PPB - PEDESTRIAN PUSH BUTTON
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE
- TEMPORARY LUMINAIRE

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC102	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
STATE OF NEVADA
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
PKS Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
GRAND CENTRAL & IRON HORSE
PHASE 1A – STAGE 3A

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Fax: 702/263-7200
www.atkinsglobal.com

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CHECKED BY	DDS
REVIEWED BY	LLK

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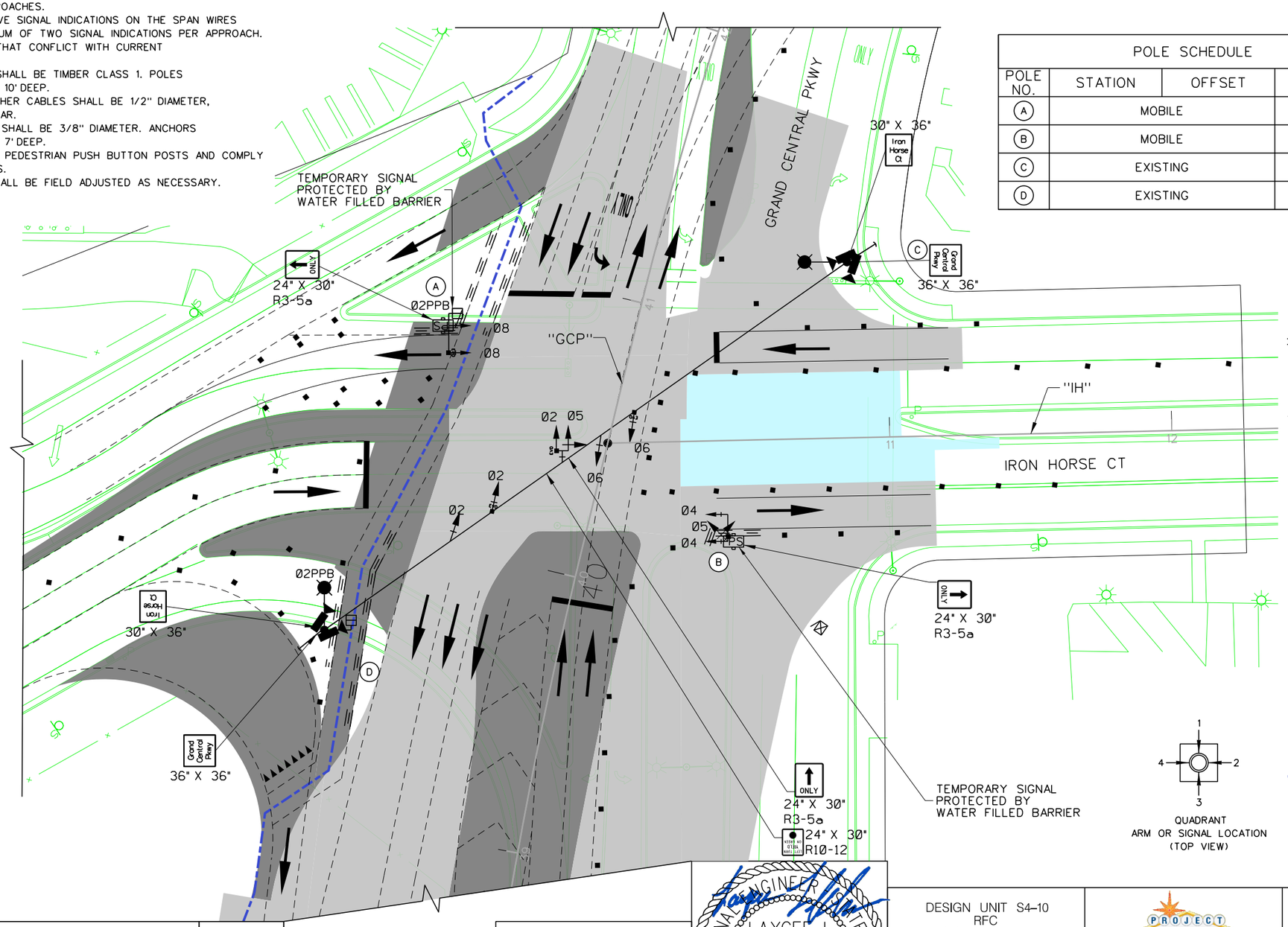
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC103

NOTES:

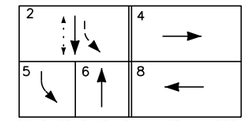
1. ADJUST TEMPORARY PORTABLE SIGNALS WITH MAST ARM LOCATIONS TO MAINTAIN EASTBOUND AND WESTBOUND TRAFFIC.
2. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR ALL APPROACHES.
3. ADD, REMOVE OR MOVE SIGNAL INDICATIONS ON THE SPAN WIRES TO MAINTAIN A MINIMUM OF TWO SIGNAL INDICATIONS PER APPROACH.
4. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
5. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
6. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
7. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
8. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS AND COMPLY WITH ADA STANDARDS.
9. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.



POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
A	MOBILE		LT
B	MOBILE		RT
C	EXISTING		LT
D	EXISTING		LT

T.20S R.61E.
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (5 SECTION)
- 5 – TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- PROPOSED SIGNAL POLE
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- PS – TEMPORARY PORTABLE SIGNAL
- PEDESTRIAN PATHWAY
- Ø PPB – PEDESTRIAN PUSH BUTTON
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE
- TEMPORARY LUMINAIRE

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC103	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
STATE OF NEVADA
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
GRAND CENTRAL & IRON HORSE
PHASE 1A – STAGE 3B

ATKINS
2270 Corporate Circle
Suite 200
Henderson, Nevada 89074
Telephone: 702/263-7275
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DESIGNED BY	DDS
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CHECKED BY	DDS
REVIEWED BY	LLK

6/30/2016
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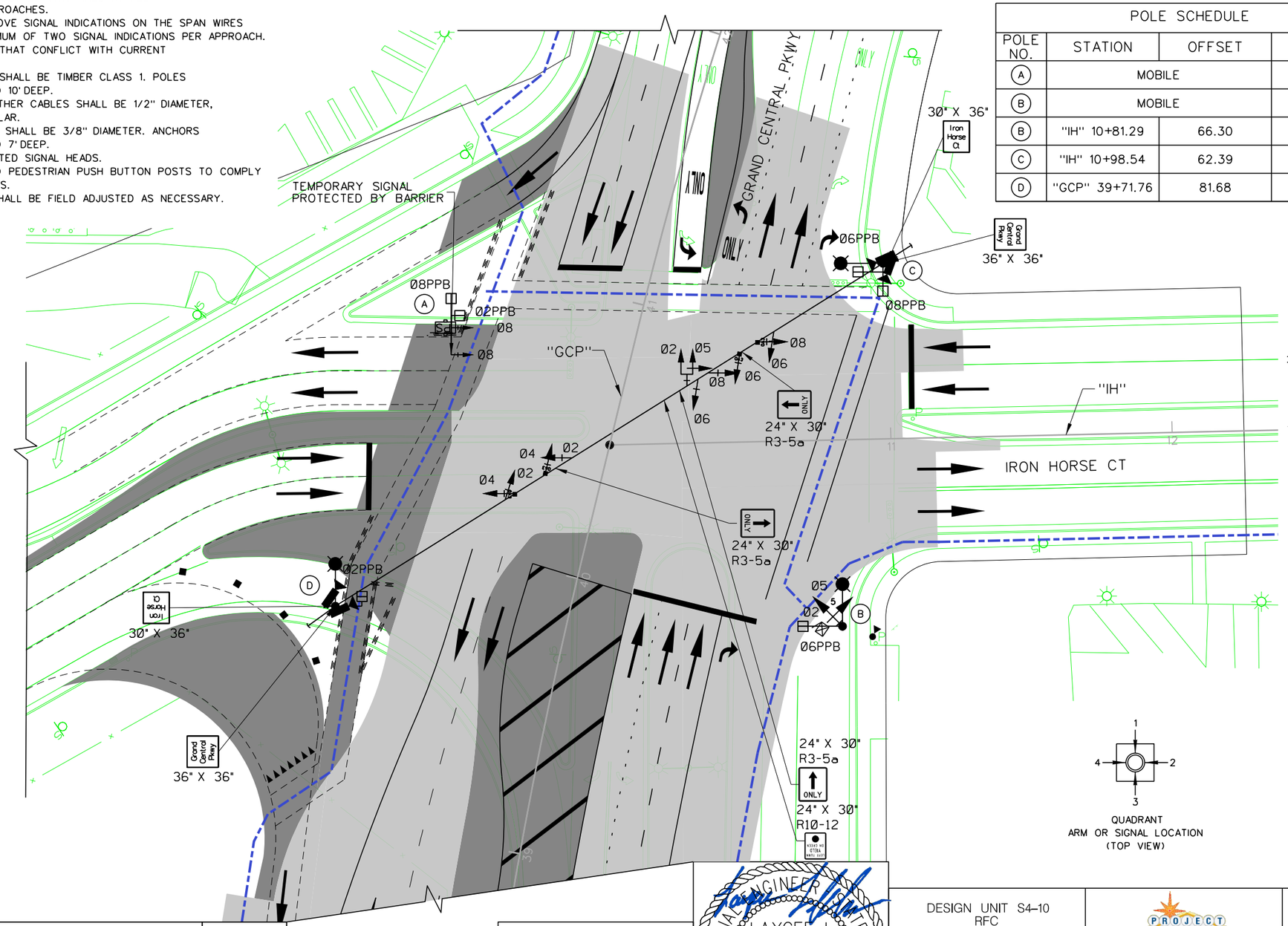
STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC104

NOTES:

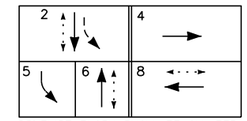
1. MOVE POLE D AS NOTED IN THE POLE SCHEDULE. RECONNECT SPAN WIRES TO THE NEW POLE D LOCATION.
2. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR ALL APPROACHES.
3. ADD, REMOVE OR MOVE SIGNAL INDICATIONS ON THE SPAN WIRES TO MAINTAIN A MINIMUM OF TWO SIGNAL INDICATIONS PER APPROACH.
4. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
5. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
6. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
7. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
8. INSTALL POLE MOUNTED SIGNAL HEADS.
9. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
10. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.



POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
A	MOBILE		LT
B	MOBILE		RT
B	"IH" 10+81.29	66.30	RT
C	"IH" 10+98.54	62.39	LT
D	"GCP" 39+71.76	81.68	LT

T.20S R.61E.
SEC. 33

PHASE DIAGRAM



CONFLICT FLASH SHALL BE ALL RED.

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- TRAFFIC DRUMS
- TEMPORARY PAVEMENT
- PERMANENT PAVEMENT
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED PERMANENT PAVEMENT
- PROPOSED SIGNAL POLE
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- TEMPORARY PORTABLE SIGNAL
- PEDESTRIAN PATHWAY
- Ø PPB – PEDESTRIAN PUSH BUTTON
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE
- TEMPORARY LUMINAIRE

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC104	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
STATE OF NEVADA
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN GRAND CENTRAL & IRON HORSE PHASE 1B – STAGE S1

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REVIEWED BY	LLK

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LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC DRUMS
- EXISTING SIGNAL POLE
- PROPOSED SIGNAL POLE
- PROPOSED SERVICE
- TEMPORARY SIGNAL POLE
- WORK ZONE CONSTRUCTION
- COMPLETED CONSTRUCTION
- TEMPORARY VIDEO DETECTION
- PORTABLE TRAFFIC SIGNAL
- Ø PPB - PEDESTRIAN PUSHBUTTON
- PEDESTRIAN PATHWAY
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- TEMPORARY LUMINAIRE

PHASE DIAGRAM

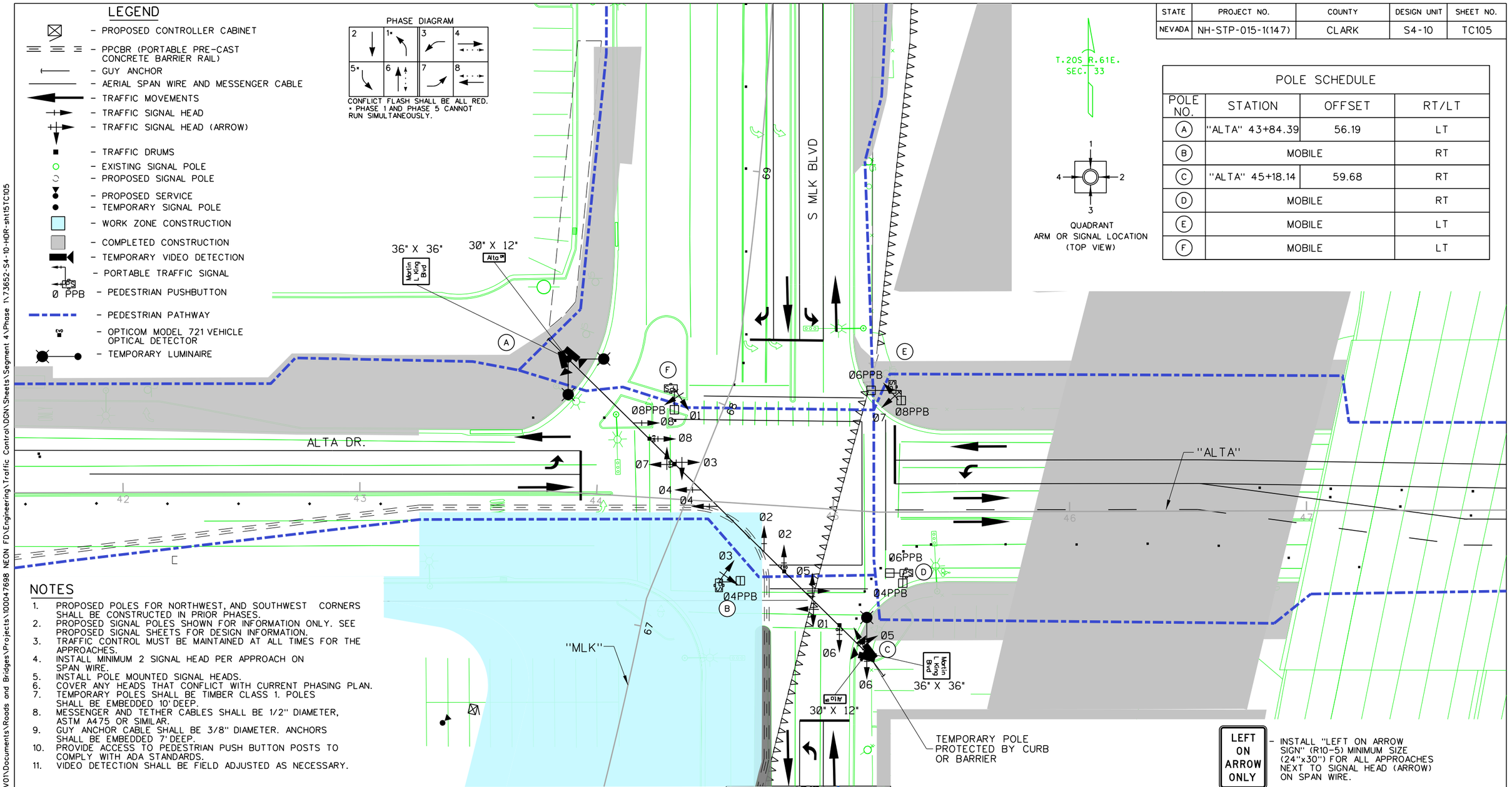
CONFLICT FLASH SHALL BE ALL RED.
* PHASE 1 AND PHASE 5 CANNOT RUN SIMULTANEOUSLY.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC105

T.20S. R.61E.
SEC. 33

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

POLE SCHEDULE			
POLE NO.	STATION	OFFSET	RT/LT
A	"ALTA" 43+84.39	56.19	LT
B	MOBILE		RT
C	"ALTA" 45+18.14	59.68	RT
D	MOBILE		RT
E	MOBILE		LT
F	MOBILE		LT



NOTES

1. PROPOSED POLES FOR NORTHWEST, AND SOUTHWEST CORNERS SHALL BE CONSTRUCTED IN PRIOR PHASES.
2. PROPOSED SIGNAL POLES SHOWN FOR INFORMATION ONLY. SEE PROPOSED SIGNAL SHEETS FOR DESIGN INFORMATION.
3. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR THE APPROACHES.
4. INSTALL MINIMUM 2 SIGNAL HEAD PER APPROACH ON SPAN WIRE.
5. INSTALL POLE MOUNTED SIGNAL HEADS.
6. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
7. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
8. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
9. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
10. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
11. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

LEFT ON ARROW ONLY – INSTALL "LEFT ON ARROW SIGN" (R10-5) MINIMUM SIZE (24"x30") FOR ALL APPROACHES NEXT TO SIGNAL HEAD (ARROW) ON SPAN WIRE.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC105	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
STATE OF NEVADA
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
ALTA DR AT S MLK BLVD
PHASE 1B – STAGE 1

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STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC106

LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC DRUMS
- WORK ZONE CONSTRUCTION
- COMPLETED CONSTRUCTION
- EXISTING SIGNAL POLE
- PROPOSED SIGNAL POLE
- TEMPORARY SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- PEDESTRIAN SIGNAL HEAD
- PORTABLE TRAFFIC SIGNAL
- Ø PPB – PEDESTRIAN PUSHBUTTON
- PEDESTRIAN PATHWAY
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE
- TEMPORARY LUMINAIRE

PHASE DIAGRAM

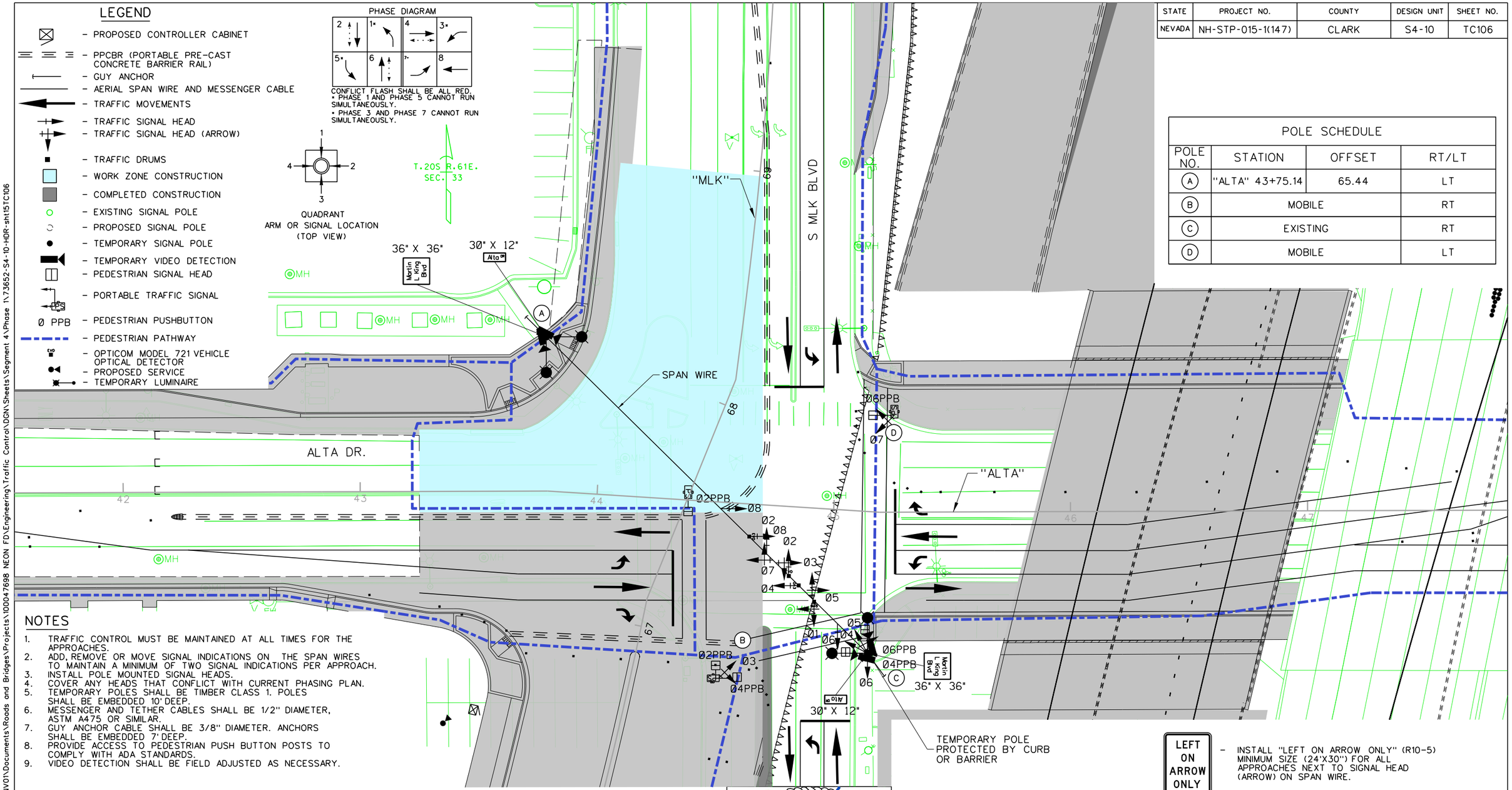
CONFLICT FLASH SHALL BE ALL RED.
* PHASE 1 AND PHASE 5 CANNOT RUN SIMULTANEOUSLY.
* PHASE 3 AND PHASE 7 CANNOT RUN SIMULTANEOUSLY.

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)

T.20S R.61E.
SEC. 33

POLE SCHEDULE

POLE NO.	STATION	OFFSET	RT/LT
A	"ALTA" 43+75.14	65.44	LT
B	MOBILE		RT
C	EXISTING		RT
D	MOBILE		LT



NOTES

1. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR THE APPROACHES.
2. ADD, REMOVE OR MOVE SIGNAL INDICATIONS ON THE SPAN WIRES TO MAINTAIN A MINIMUM OF TWO SIGNAL INDICATIONS PER APPROACH.
3. INSTALL POLE MOUNTED SIGNAL HEADS.
4. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
5. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
6. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
7. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
8. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
9. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

LEFT ON ARROW ONLY – INSTALL "LEFT ON ARROW ONLY" (R10-5) MINIMUM SIZE (24"X30") FOR ALL APPROACHES NEXT TO SIGNAL HEAD (ARROW) ON SPAN WIRE.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC106	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER – STATE OF NEVADA
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
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PROJECT NEON Las Vegas
NEVADA DOT SAFE AND CONNECTED
Kiewit

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
ALTA DR AT S MLK BLVD
PHASE 1B – STAGE 2

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Henderson, Nevada 89074
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REVIEWED BY LLK

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LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION)
- TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- TRAFFIC DRUMS
- WORK ZONE CONSTRUCTION
- COMPLETED CONSTRUCTION
- EXISTING SIGNAL POLE
- PROPOSED SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- PEDESTRIAN SIGNAL HEAD
- Ø PPB – PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE
- PEDESTRIAN CROSSING
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE

QUADRANT ARM OR SIGNAL LOCATION (TOP VIEW)

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC107

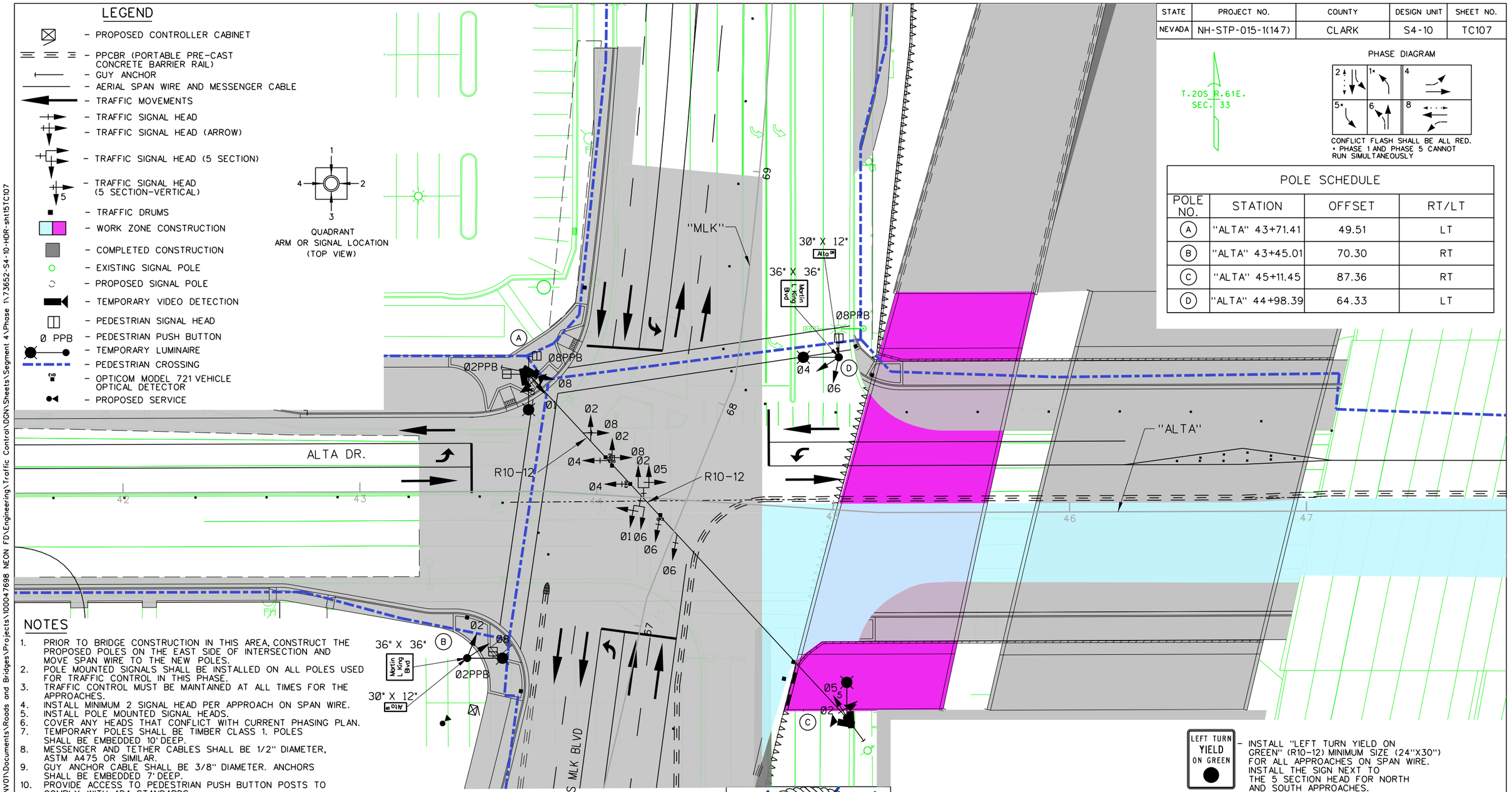
T.20S R.61E. SEC. 33

PHASE DIAGRAM

CONFLICT FLASH SHALL BE ALL RED.
* PHASE 1 AND PHASE 5 CANNOT RUN SIMULTANEOUSLY

POLE SCHEDULE

POLE NO.	STATION	OFFSET	RT/LT
A	"ALTA" 43+71.41	49.51	LT
B	"ALTA" 43+45.01	70.30	RT
C	"ALTA" 45+11.45	87.36	RT
D	"ALTA" 44+98.39	64.33	LT



NOTES

1. PRIOR TO BRIDGE CONSTRUCTION IN THIS AREA, CONSTRUCT THE PROPOSED POLES ON THE EAST SIDE OF INTERSECTION AND MOVE SPAN WIRE TO THE NEW POLES.
2. POLE MOUNTED SIGNALS SHALL BE INSTALLED ON ALL POLES USED FOR TRAFFIC CONTROL IN THIS PHASE.
3. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR THE APPROACHES.
4. INSTALL MINIMUM 2 SIGNAL HEAD PER APPROACH ON SPAN WIRE.
5. INSTALL POLE MOUNTED SIGNAL HEADS.
6. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
7. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
8. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
9. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
10. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
11. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

LEFT TURN YIELD ON GREEN – INSTALL "LEFT TURN YIELD ON GREEN" (R10-12) MINIMUM SIZE (24"X30") FOR ALL APPROACHES ON SPAN WIRE. INSTALL THE SIGN NEXT TO THE 5 SECTION HEAD FOR NORTH AND SOUTH APPROACHES.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC107	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER – STATE OF NEVADA
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
SUITE 350
LAS VEGAS, NV 89119
TEL (702) 938-6000

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN ALTA DR AT S MLK BLVD PHASE 1B – STAGE 3

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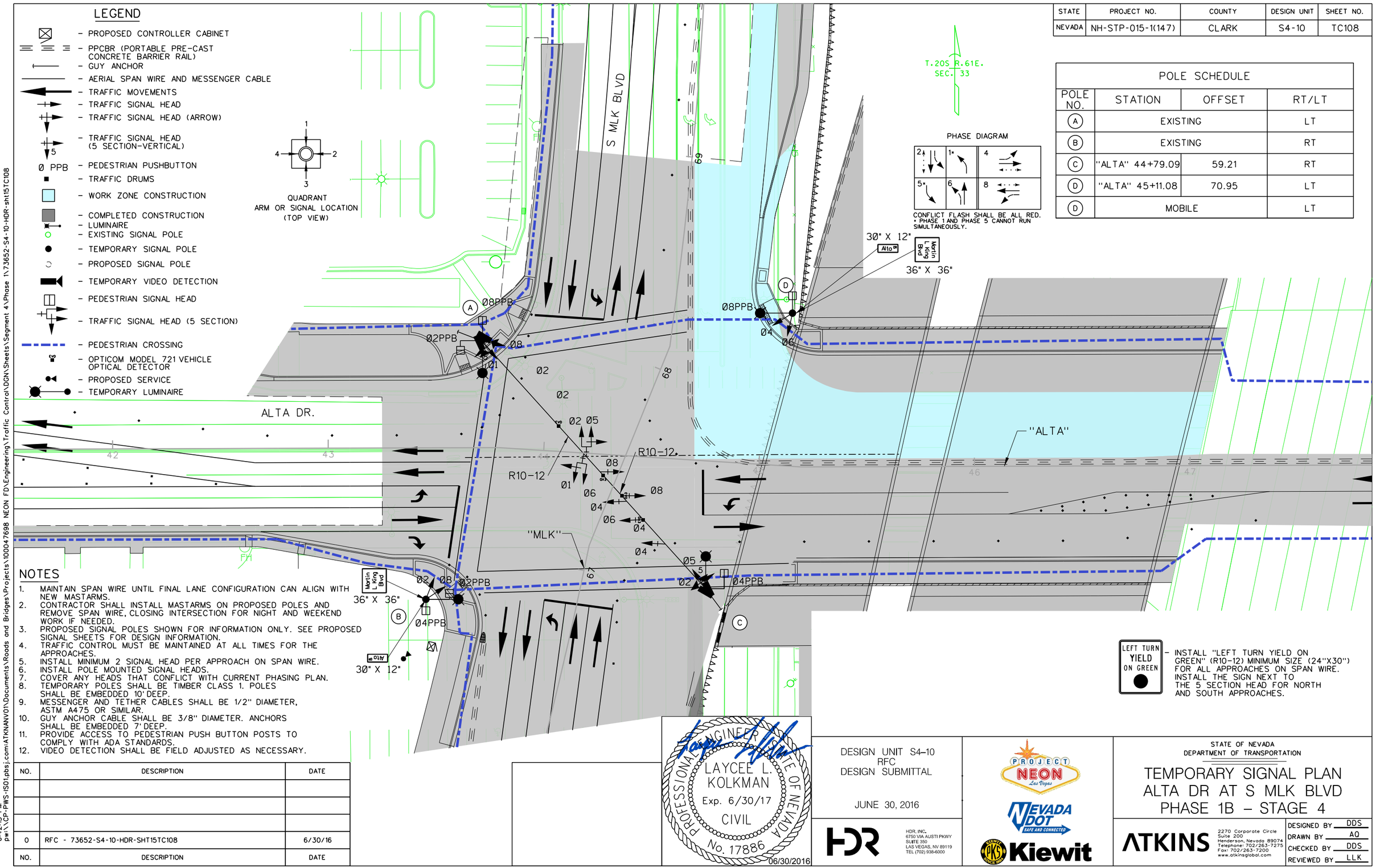
LEGEND

- PROPOSED CONTROLLER CABINET
- PPCBR (PORTABLE PRE-CAST CONCRETE BARRIER RAIL)
- GUY ANCHOR
- AERIAL SPAN WIRE AND MESSENGER CABLE
- TRAFFIC MOVEMENTS
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (ARROW)
- TRAFFIC SIGNAL HEAD (5 SECTION-VERTICAL)
- Ø PPB – PEDESTRIAN PUSHBUTTON
- TRAFFIC DRUMS
- WORK ZONE CONSTRUCTION
- COMPLETED CONSTRUCTION
- LUMINAIRE
- EXISTING SIGNAL POLE
- TEMPORARY SIGNAL POLE
- PROPOSED SIGNAL POLE
- TEMPORARY VIDEO DETECTION
- PEDESTRIAN SIGNAL HEAD
- TRAFFIC SIGNAL HEAD (5 SECTION)
- PEDESTRIAN CROSSING
- OPTICOM MODEL 721 VEHICLE OPTICAL DETECTOR
- PROPOSED SERVICE
- TEMPORARY LUMINAIRE

QUADRANT ARM OR SIGNAL LOCATION (TOP VIEW)



PHASE DIAGRAM

CONFLICT FLASH SHALL BE ALL RED.
* PHASE 1 AND PHASE 5 CANNOT RUN SIMULTANEOUSLY.

STATE	PROJECT NO.	COUNTY	DESIGN UNIT	SHEET NO.
NEVADA	NH-STP-015-1(147)	CLARK	S4-10	TC108

POLE SCHEDULE

POLE NO.	STATION	OFFSET	RT/LT
A	EXISTING		LT
B	EXISTING		RT
C	"ALTA" 44+79.09	59.21	RT
D	"ALTA" 45+11.08	70.95	LT
D	MOBILE		LT

NOTES

1. MAINTAIN SPAN WIRE UNTIL FINAL LANE CONFIGURATION CAN ALIGN WITH NEW MASTARMS.
2. CONTRACTOR SHALL INSTALL MASTARMS ON PROPOSED POLES AND REMOVE SPAN WIRE, CLOSING INTERSECTION FOR NIGHT AND WEEKEND WORK IF NEEDED.
3. PROPOSED SIGNAL POLES SHOWN FOR INFORMATION ONLY. SEE PROPOSED SIGNAL SHEETS FOR DESIGN INFORMATION.
4. TRAFFIC CONTROL MUST BE MAINTAINED AT ALL TIMES FOR THE APPROACHES.
5. INSTALL MINIMUM 2 SIGNAL HEAD PER APPROACH ON SPAN WIRE.
6. INSTALL POLE MOUNTED SIGNAL HEADS.
7. COVER ANY HEADS THAT CONFLICT WITH CURRENT PHASING PLAN.
8. TEMPORARY POLES SHALL BE TIMBER CLASS 1. POLES SHALL BE EMBEDDED 10' DEEP.
9. MESSENGER AND TETHER CABLES SHALL BE 1/2" DIAMETER, ASTM A475 OR SIMILAR.
10. GUY ANCHOR CABLE SHALL BE 3/8" DIAMETER. ANCHORS SHALL BE EMBEDDED 7' DEEP.
11. PROVIDE ACCESS TO PEDESTRIAN PUSH BUTTON POSTS TO COMPLY WITH ADA STANDARDS.
12. VIDEO DETECTION SHALL BE FIELD ADJUSTED AS NECESSARY.

LEFT TURN YIELD ON GREEN – INSTALL "LEFT TURN YIELD ON GREEN" (R10-12) MINIMUM SIZE (24"X30") FOR ALL APPROACHES ON SPAN WIRE. INSTALL THE SIGN NEXT TO THE 5 SECTION HEAD FOR NORTH AND SOUTH APPROACHES.

NO.	DESCRIPTION	DATE
0	RFC - 73652-S4-10-HDR-SHT15TC108	6/30/16
NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER STATE OF NEVADA
LAYCEE L. KOLKMAN
Exp. 6/30/17
CIVIL
No. 17886
06/30/2016

DESIGN UNIT S4-10
RFC
DESIGN SUBMITTAL

JUNE 30, 2016

HDR, INC.
6750 VIA AUSTI PKWY
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LAS VEGAS, NV 89119
TEL (702) 938-6000

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN ALTA DR AT S MLK BLVD PHASE 1B – STAGE 4

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