

FED. RD. DIST. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	1

INDEX OF SHEETS

- 1 TITLE SHEET
- 1A LOCATION SKETCH
- 2 - 28 TYPICAL SECTIONS
- 3 - 36 SUMMARIES, GENERAL NOTES AND ESTIMATE OF QUANTITIES
- 4 - 11 PLANS
- 12 - 15 SPECIAL DETAILS
- TC1 - TC11 TRAFFIC CONTROL PLAN
- ST1 - ST4 PERMANENT STRIPING
- T1 - T3 SIGNALS AND LIGHTING
- S1 - S3 STRUCTURE LIST

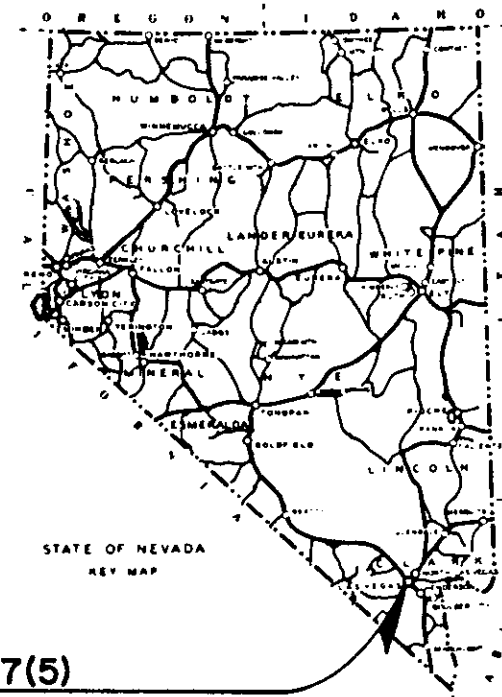
SEE "STATE OF NEVADA STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION" 1993 Edition Revised

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

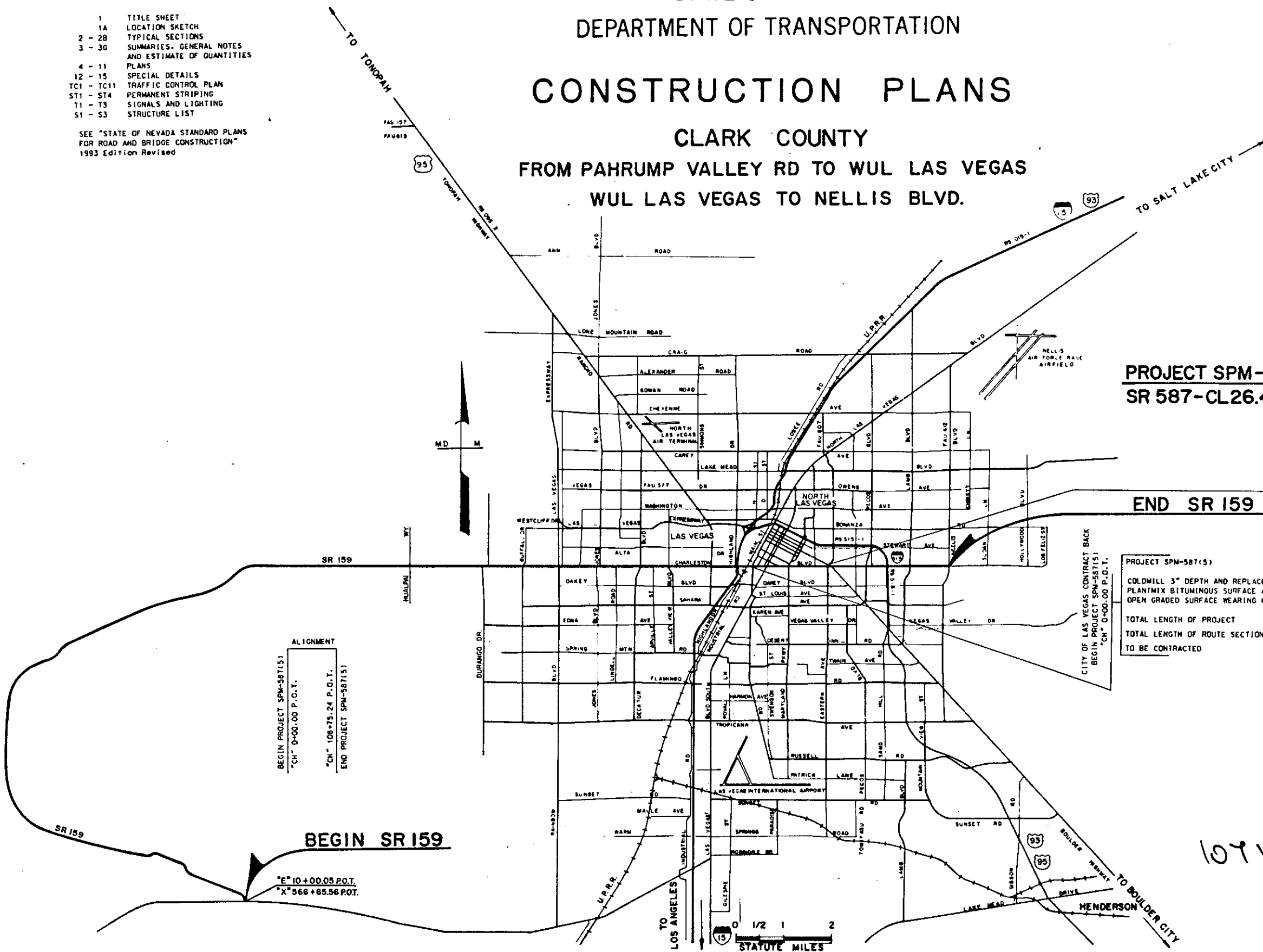
CONSTRUCTION PLANS

CLARK COUNTY

FROM PAHRUMP VALLEY RD TO WUL LAS VEGAS  
WUL LAS VEGAS TO NELLIS BLVD.



PROJECT SPM-587(5)  
SR 587-CL26.40 TO 28.46



ALIGNMENT  
BEGIN PROJECT SPM-587(5)  
"CH" 0+00.00 P.O.T.  
"CN" 108+75.24 P.O.T.  
END PROJECT SPM-587(5)

"E" 10+00.05 P.O.T.  
"X" 566+65.56 ROT.

END SR 159

CITY OF LAS VEGAS CONTRACT BACK  
BEGIN PROJECT SPM-587(5)  
"CH" 0+00.00 P.O.T.

PROJECT SPM-587(5)  
COLDMILL 3" DEPTH AND REPLACE WITH 3" PLANTMIX BITUMINOUS SURFACE AND AN OPEN GRADED SURFACE WEARING COURSE.

TOTAL LENGTH OF PROJECT 2.06 miles  
TOTAL LENGTH OF ROUTE SECTION TO BE CONTRACTED 31.516 miles

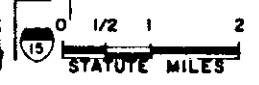
"CH" 108+75.24 P.O.T.  
END PROJECT SPM-587(5)  
CONTRACT 2499 AHEAD

APPROVED DECEMBER 2, 1993

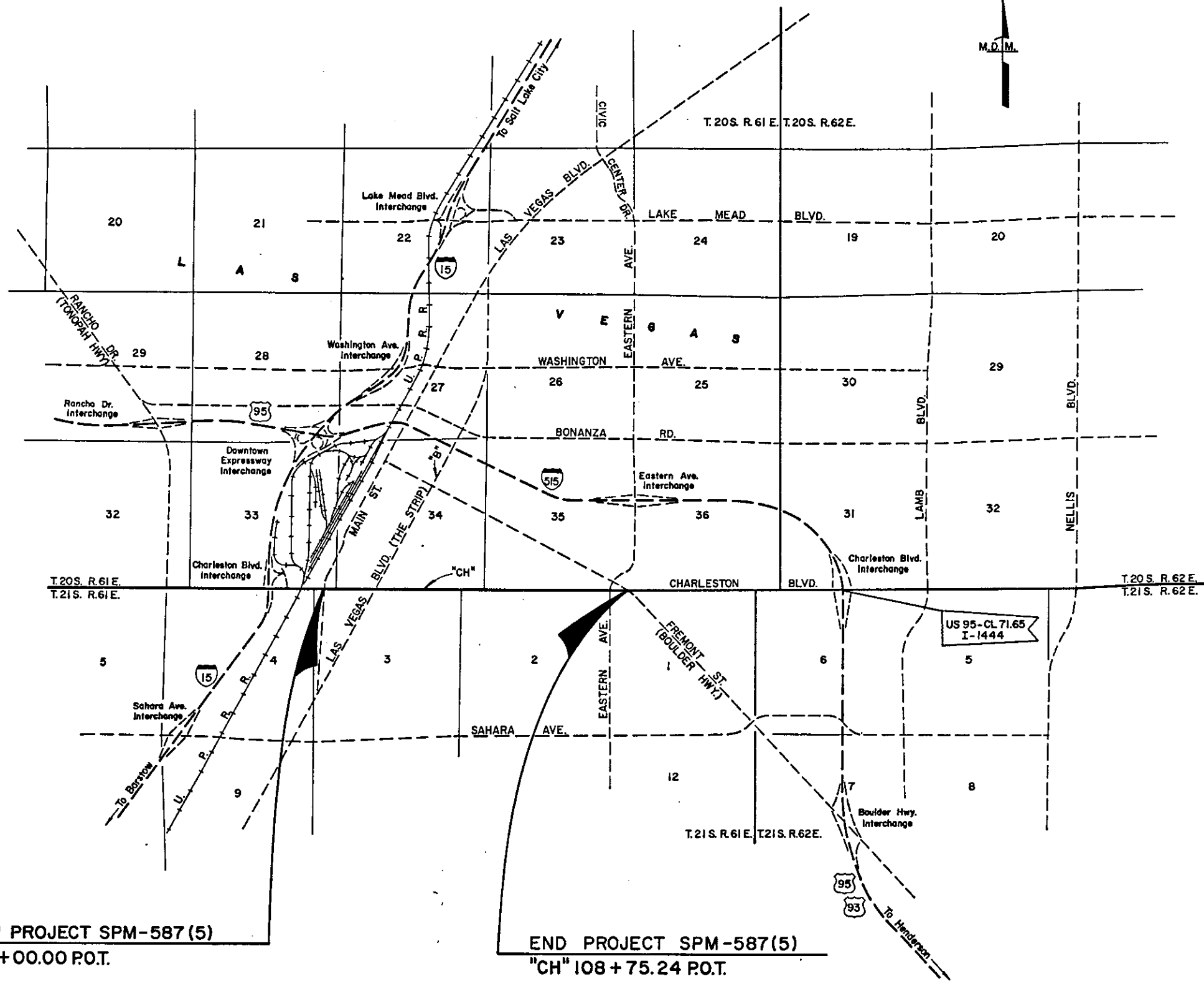
*Garth F. Dull*  
GARTH F. DULL, DIRECTOR, DEPT. OF TRANSPORTATION

GOVERNOR BOB MILLER  
CHAIRMAN, TRANSPORTATION BOARD

107V 4212



FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	1A



MILEPOST TABULATION		
STATION	MILEPOST	DESCRIPTION
"CH" 0+00.00 P.O.T.	SR 159 26.40	BEGIN PROJECT
"CH" 3+92.92 P.O.T.	SR 159 26.48	JCT FAU 602
"CH" 13+67.59 P.O.T.	SR 159 26.66	JCT FAU 603
"CH" 17+97.10 P.O.T.	SR 159 26.74	JCT FAU 604
"CH" 31+50.50 P.O.T.	SR 159 27	27*
"CH" 37+67.21 P.O.T.	SR 159 27.12	JCT FAU 586
"CH" 47+07.08 P.O.T.	SR 159 27.29	JCT FAU 606
"CH" 84+30.40 P.O.T.	SR 159 28	28*
"CH" 102+23.49 P.O.T.	SR 159 28.34	JCT FAU 607
"CH" 108+75.24 P.O.T.	SR 159 28.46	END PROJECT

\*NO MILEPOST PANEL IN FIELD.

BEGIN PROJECT SPM-587(5)  
"CH" 0+00.00 P.O.T.

END PROJECT SPM-587(5)  
"CH" 108+75.24 P.O.T.



STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

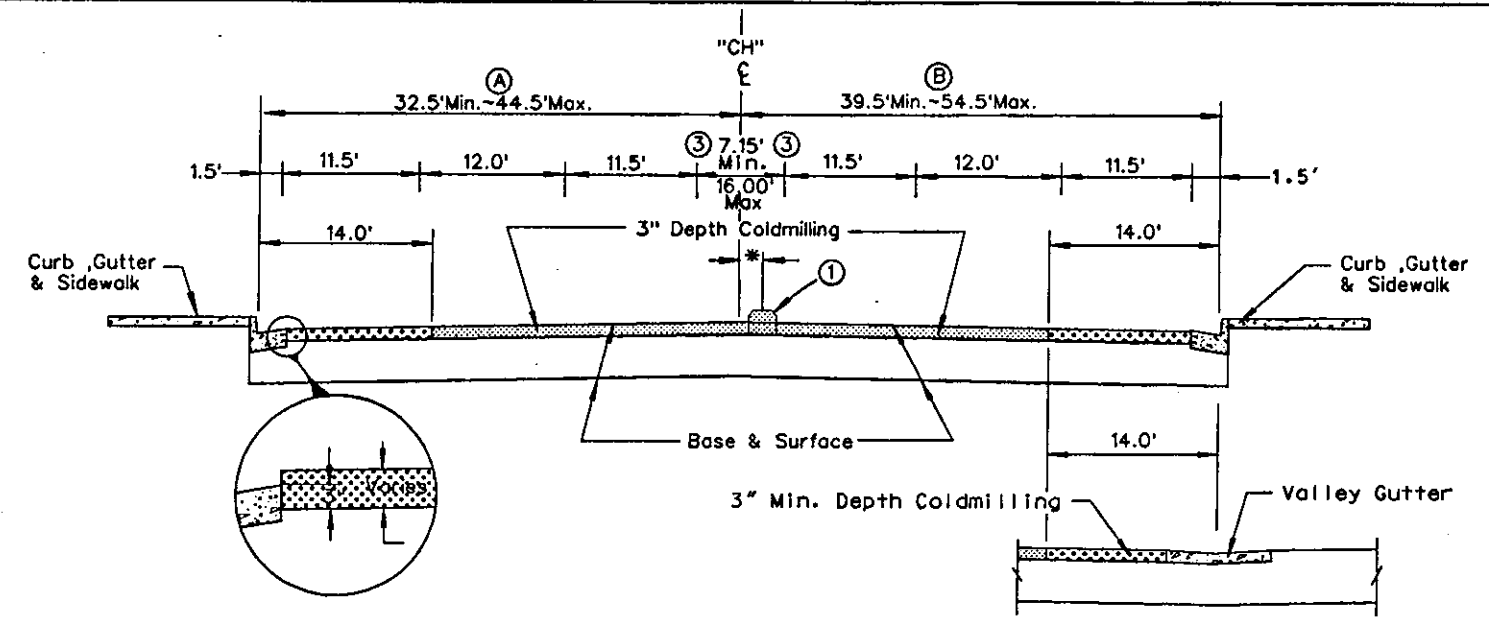
**LOCATION SKETCH**

ROAD DESIGN DIVISION  
 DESIGN ENGR D. COYLE  
 SENIOR DESIGN ENGR R. MARWIN  
 PHONE 687-5458

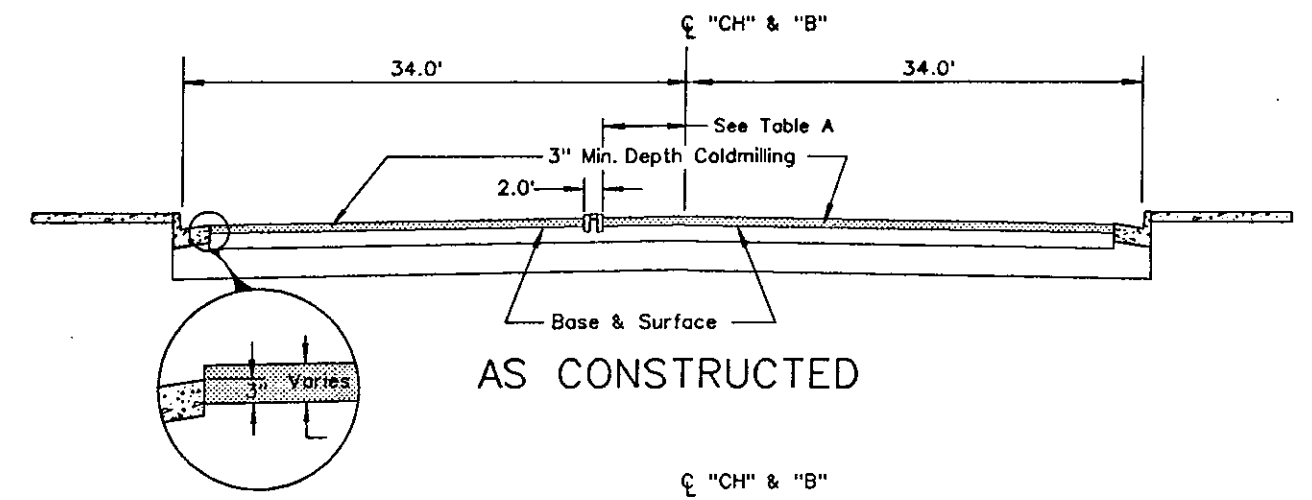
FED. RD. REC. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	2

LAS VEGAS BLVD. NORTH	0'
LAS VEGAS BLVD. SOUTH	8.5'
CHARLESTON BLVD	6.5' Lt. & Rt.

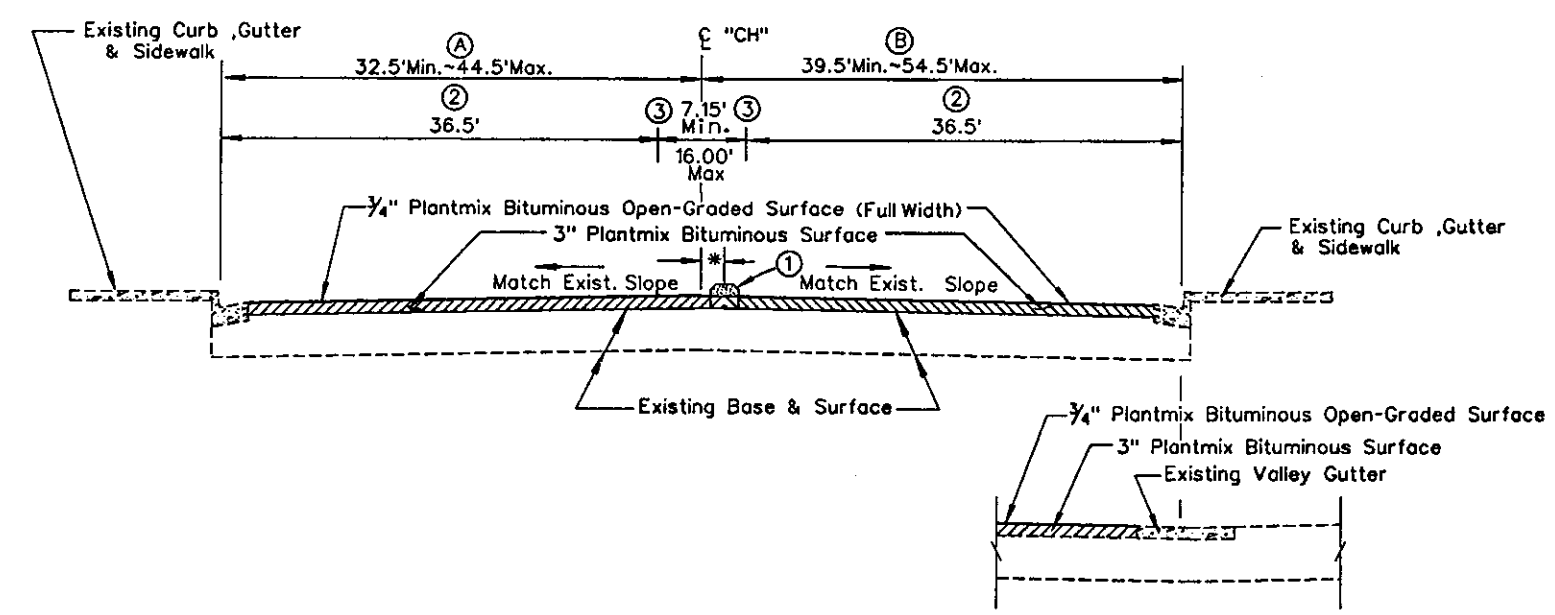
- ▨ - LIMITS OF COLDMILLING (DEPTH VARIES)
- ▨ - LIMITS OF COLDMILLING
- \* - VARIES (SEE PLANS FOR ISLAND LOCATIONS)
- ① - SEE DETAIL SHEET 2A
- ② - SEE STRIPING DETAIL FOR LANE LINE LOCATIONS
- ③ - CROSS SLOPE BREAK



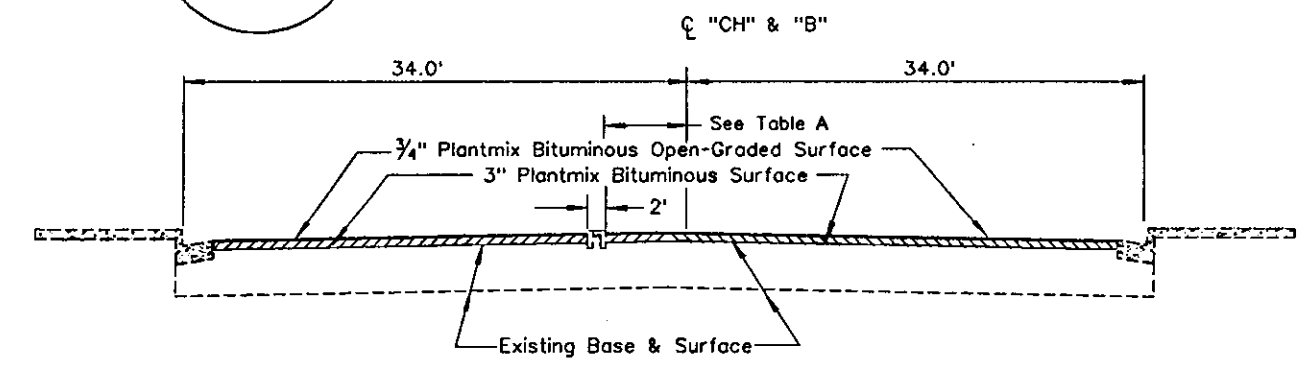
AS CONSTRUCTED



AS CONSTRUCTED



SECTION OF IMPROVEMENT  
CONSTRUCTION TYPE CODE I000

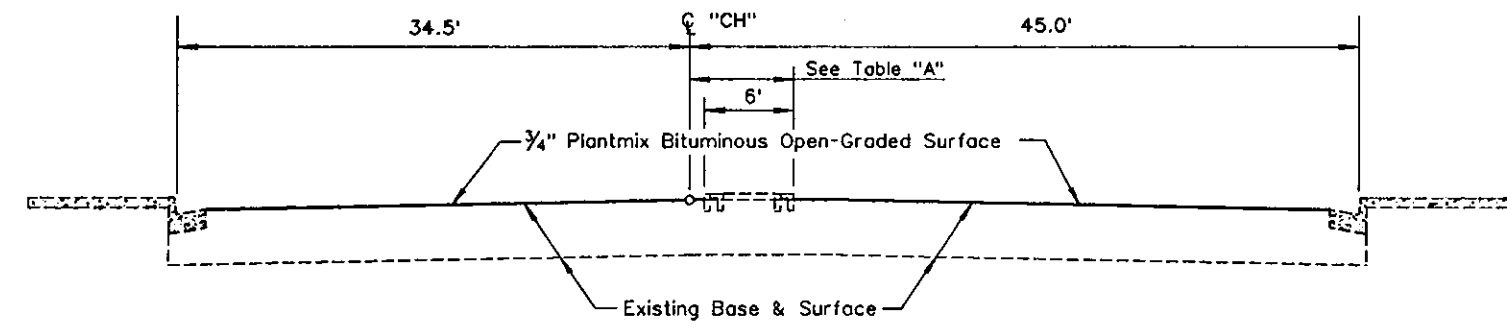


SECTION OF IMPROVEMENT  
CONSTRUCTION TYPE CODE I000  
(LAS VEGAS BOULEVARD)  
(CHARLESTON BOULEVARD)

"CH"103+01.13P.O.T. to "CH"104+01.13P.O.T. Left of Island  
"CH"107+46.13P.O.T. to "CH"108+91.24P.O.T. Right of Island  
"B"1111+26.55P.O.T. to "B"1112+58.55P.O.T. Full Width  
"B"1113+64.04P.O.T. to "B"1115+45.86P.O.T. Full Width

Note: Pavement Reinforcing Fabric to be Placed on Milled Surface from  
"CH" 0+25.64 P.O.T. TO "CH"41+00.00 P.O.T.

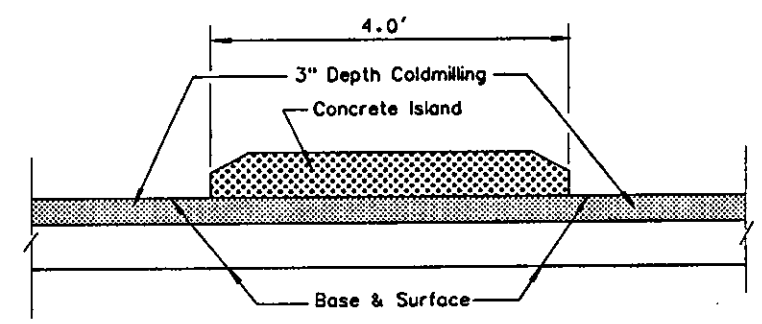
A			B		
"CH" 0+32.56 P.O.T. to "CH" 3+59.69 P.O.T.	33.5		"CH" 0+32.56 P.O.T. to "CH" 8+03.06 P.O.T.	52.5	
"CH" 3+59.69 P.O.T. to "CH" 4+88.36 P.O.T.	33.5 to 35.0		"CH" 8+03.06 P.O.T. to "CH" 9+15.33 P.O.T.	52.5 to 54.5	
"CH" 4+88.36 P.O.T. to "CH" 5+34.48 P.O.T.	35.0		"CH" 9+15.33 P.O.T. to "CH" 10+26.87 P.O.T.	54.5 to 48.1	
"CH" 5+34.48 P.O.T. to "CH" 5+79.47 P.O.T.	35.0 to 32.5		"CH" 10+26.87 P.O.T. to "CH" 11+07.35 P.O.T.	48.1 to 42.1	
"CH" 5+79.47 P.O.T. to "CH" 9+14.81 P.O.T.	32.5		"CH" 11+07.35 P.O.T. to "CH" 11+60.09 P.O.T.	42.1 to 39.5	
"CH" 9+14.81 P.O.T. to "CH" 10+20.39 P.O.T.	32.5 to 37.0		"CH" 11+60.09 P.O.T. to "CH" 15+00.00 P.O.T.	39.5	
"CH" 10+20.39 P.O.T. to "CH" 11+61.40 P.O.T.	37.0 to 39.9		"CH" 15+00.00 P.O.T. to "CH" 16+92.49 P.O.T.	39.5 to 43.4	
"CH" 11+61.40 P.O.T. to "CH" 11+90.84 P.O.T.	39.9 to 40.1		"CH" 16+92.49 P.O.T. to "CH" 18+30.25 P.O.T.	43.4 to 44.5	
"CH" 11+90.84 P.O.T. to "CH" 13+40.65 P.O.T.	40.1 to 41.0		"CH" 18+30.25 P.O.T. to "CH" 108+98.13 P.O.T.	44.5	
"CH" 13+40.65 P.O.T. to "CH" 14+77.74 P.O.T.	41.0 to 44.5				
"CH" 14+77.74 P.O.T. to "CH" 16+24.16 P.O.T.	44.5				
"CH" 16+24.16 P.O.T. to "CH" 17+61.15 P.O.T.	44.5 to 41.5				
"CH" 17+61.15 P.O.T. to "CH" 18+83.70 P.O.T.	41.5 to 39.5				
"CH" 18+83.70 P.O.T. to "CH" 37+70.00 P.O.T.	39.5				
"CH" 37+70.00 P.O.T. to "CH" 40+34.39 P.O.T.	39.5 to 44.5				
"CH" 40+34.39 P.O.T. to "CH" 101+74.10 P.O.T.	44.5				
"CH" 101+74.10 P.O.T. to "CH" 103+06.03 P.O.T.	44.5 to 35.0				
"CH" 103+06.03 P.O.T. to "CH" 107+80.83 P.O.T.	35.0				



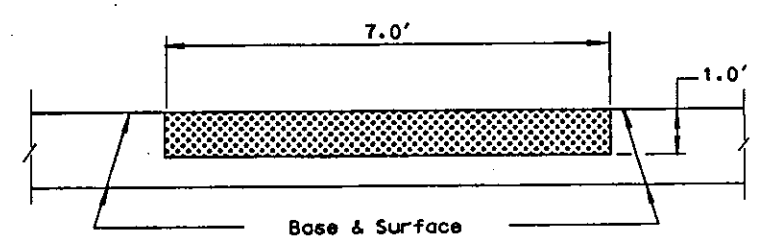
SECTION OF IMPROVEMENT  
(CHARLESTON BOULEVARD)

"CH"103+01.13P.O.T. to "CH"104+01.13P.O.T. Right of Island  
"CH"104+01.13P.O.T. to "CH"107+46.13P.O.T. Full Width  
"CH"107+46.13P.O.T. to "CH"108+91.24P.O.T. Left of Island

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-5R7(5)	CLARK	2A

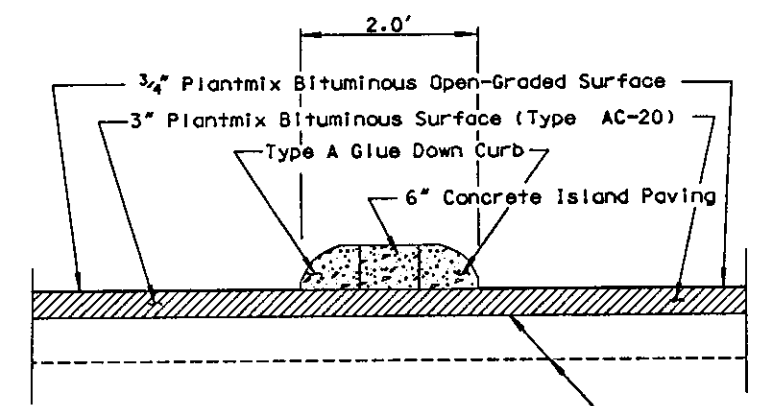


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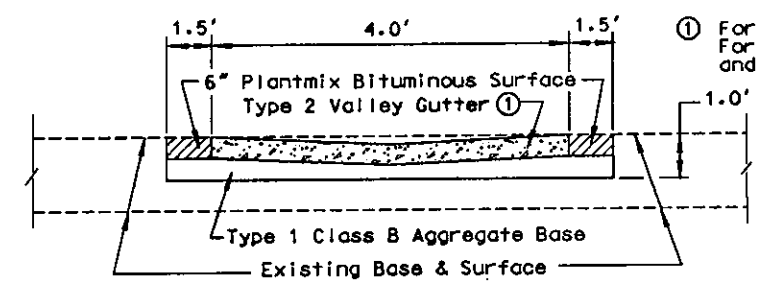


AS CONSTRUCTED

- LIMITS OF REMOVAL  
 - LIMITS OF COLDMILLING



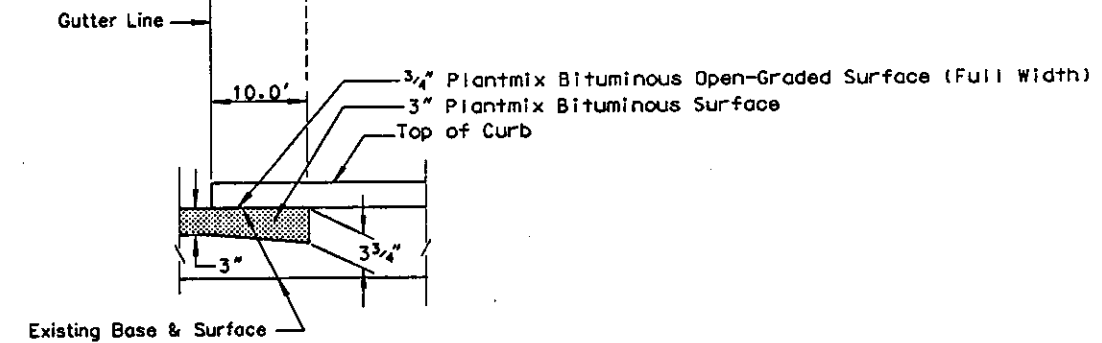
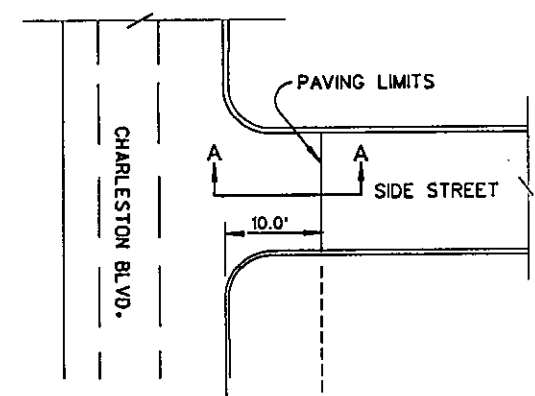
SECTION OF IMPROVEMENT



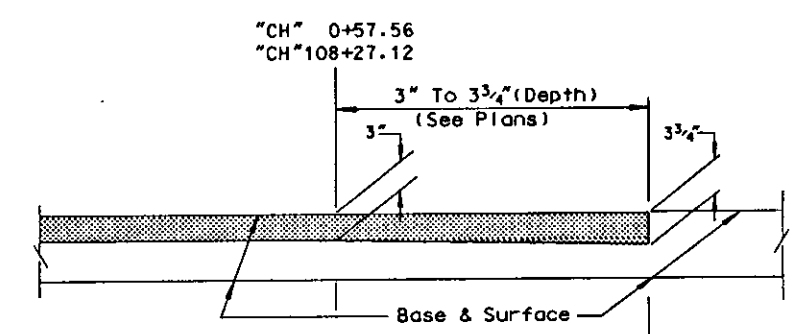
SECTION OF IMPROVEMENT  
METHOD OF CONSTRUCTING NEW VALLEY GUTTER

① For Dimensions Not Shown (See Standard Plans For Road & Bridge Construction 1993 Sht. R-5.1.1 and Sheet 14.

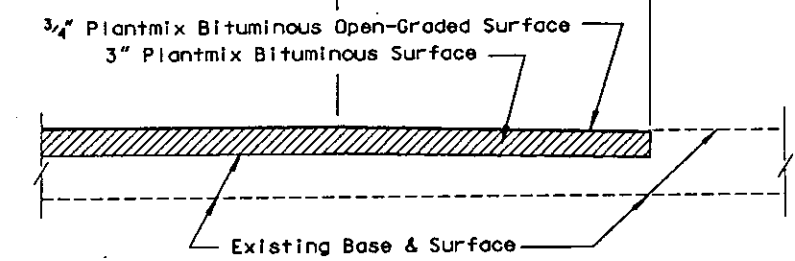
- "CH" 0+46.73 TO "CH" 3+50.06
- "CH" 14+19.60 TO "CH" 17+45.18
- "CH" 18+46.43 TO "CH" 22+03.87
- "CH" 46+97.25 TO "CH" 48+52.18
- "CH" 49+65.85 TO "CH" 51+66.65
- "CH" 59+89.66 TO "CH" 61+06.56
- "CH" 61+70.31 TO "CH" 62+91.94
- "CH" 82+39.14 TO "CH" 83+81.55
- "CH" 84+66.30 TO "CH" 86+11.42



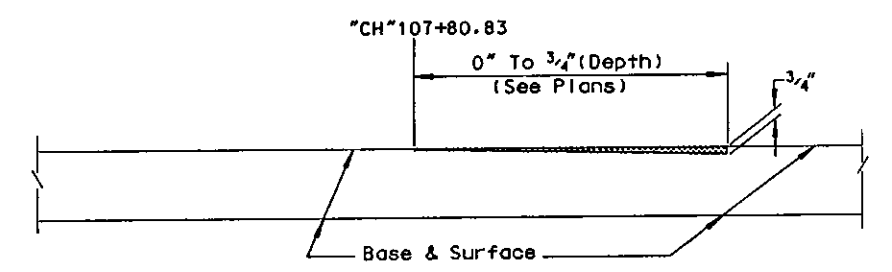
SECTION A-A  
INTERSECTIONS WITHOUT VALLEY GUTTERS



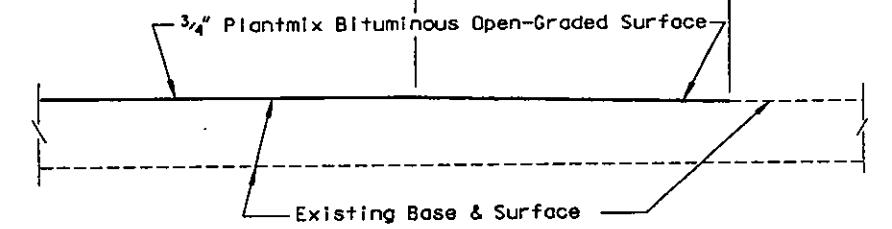
AS CONSTRUCTED



SECTION OF IMPROVEMENT  
LONGITUDINAL TRANSITION



AS CONSTRUCTED

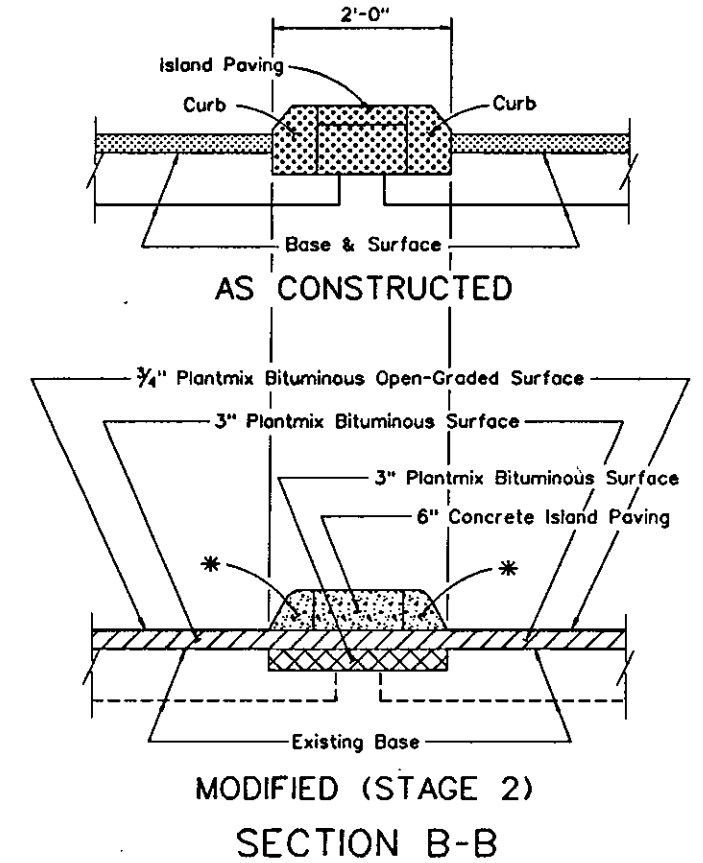
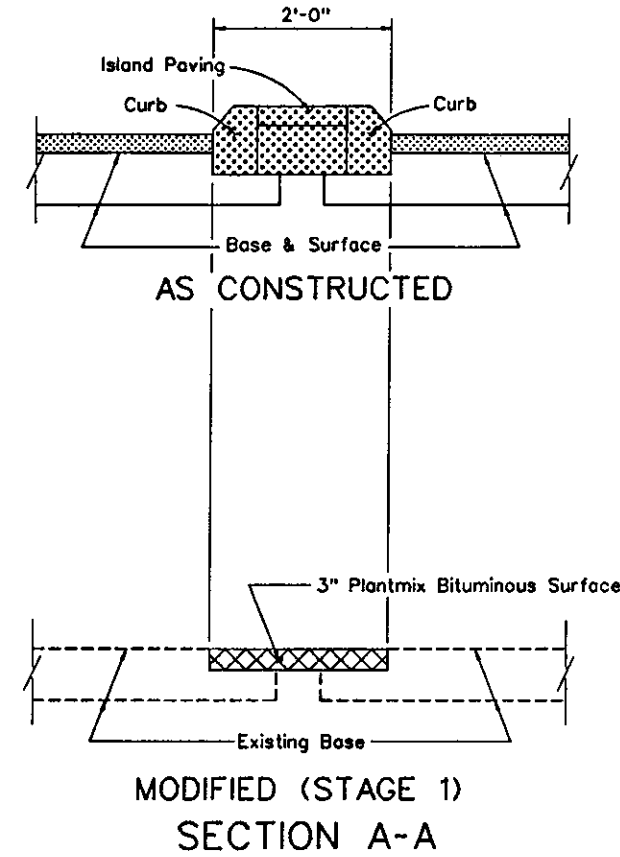
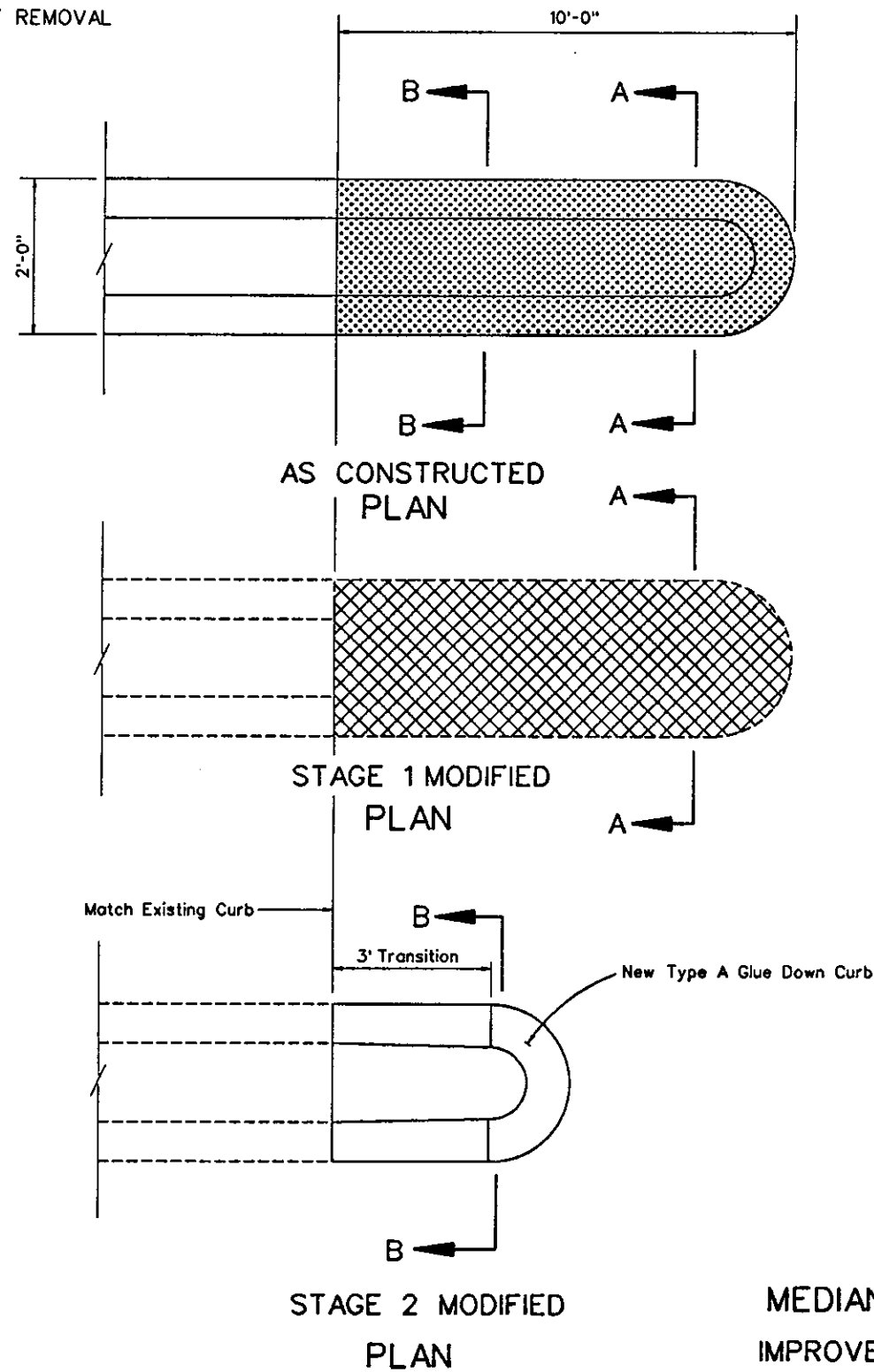


SECTION OF IMPROVEMENT  
LONGITUDINAL TRANSITION

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	2B

**LEGEND**

- \* - TYPE A GLUE DOWN CURB
- ▣ - LIMITS OF PATCHING (PLANTMIX MISCELLANEOUS AREAS)
- ▤ - LIMITS OF COLDMILLING
- ▥ - LIMITS OF REMOVAL



**MEDIAN ISLAND NOSE MODIFICATIONS  
IMPROVEMENTS @ LAS VEGAS BLVD. (SOUTH)**  
(SEE STRUCTURE LIST)

**SUMMARY OF SURFACE QUANTITIES**

**NOTE:** QUANTITIES SHOWN IN THE SUMMARIES FOR BASE AND SURFACE MATERIALS ARE THEORETICAL AND USED FOR ESTIMATING PURPOSES ONLY. ACTUAL SPREADS SHALL BE VARIED AS REQUIRED TO OBTAIN THE DEPTH OF THE VARIOUS COURSES SHOWN ON THE TYPICAL SECTION.

ITEM	TOTAL	UNIT	FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
			9	NEVADA	SPM-587(5)	CLARK	3
<b>PLANTMIX BITUMINOUS SURFACE AGGREGATE (TYPE 2) (COARSE)</b>							
<b>6-INCH DEPTH</b>							
<b>VALLEY GUTTER</b>							
185.8 sq. yds. @ 0.33 tons per sq. yd. (Patching at Valley Gutters) (See Special Detail)	61	TON					
<b>CURB CUT RAMPS</b>							
48.4 sq. yds. @ 0.33 tons per sq. yd. (Patching at Curb Cut Ramps) (See Special Detail)	16	TON					
<b>SUB TOTAL</b>							
	77	TON					
<b>3-INCH DEPTH</b>							
<b>"CH" LINE:</b>							
3.27 stations @ 154.4 tons per station ("CH"0+32.56 to "CH"3+59.69)	505	TON					
1.29 stations @ 155.8 tons per station ("CH"3+59.69 to "CH"4+88.36)	201	TON					
0.46 stations @ 157.2 tons per station ("CH"4+88.36 to "CH"5+34.48)	72	TON					
0.45 stations @ 154.9 tons per station ("CH"5+34.48 to "CH"5+79.47)	70	TON					
2.24 stations @ 152.5 tons per station ("CH"5+79.47 to "CH"8+03.06)	342	TON					
1.12 stations @ 154.4 tons per station ("CH"8+03.06 to "CH"9+15.33)	173	TON					
2.76 stations @ 149.6 tons per station ("CH"9+15.33 to "CH"11+90.84)	413	TON					
1.50 stations @ 143.3 tons per station ("CH"11+90.84 to "CH"13+40.65)	215	TON					
1.37 stations @ 147.4 tons per station ("CH"13+40.65 to "CH"14+77.74)	202	TON					
0.22 stations @ 150.7 tons per station ("CH"14+77.74 to "CH"15+00.00)	33	TON					
1.24 stations @ 153.0 tons per station ("CH"15+00.00 to "CH"16+24.16)	190	TON					
2.06 stations @ 154.4 tons per station ("CH"16+24.16 to "CH"18+30.25)	318	TON					
0.53 stations @ 152.5 tons per station ("CH"18+30.25 to "CH"18+83.70)	81	TON					
3.18 stations @ 150.7 tons per station ("CH"18+83.70 to "CH"22+01.52)	479	TON					
0.03 stations @ 150.7 tons per station ("CH"22+01.52 to "CH"22+04.72)	5	TON					
0.70 stations @ 149.7 tons per station ("CH"22+04.72 to "CH"22+74.63)	105	TON					
0.51 stations @ 150.7 tons per station ("CH"22+74.63 to "CH"23+26.08)	77	TON					
2.55 stations @ 150.7 tons per station ("CH"23+26.08 to "CH"25+80.77)	384	TON					
1.68 stations @ 150.7 tons per station ("CH"25+80.77 to "CH"27+48.35)	253	TON					
10.22 stations @ 150.7 tons per station ("CH"27+48.35 to "CH"37+70.00)	1540	TON					

ITEM	TOTAL	UNIT	FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
			9	NEVADA	SPM-587(5)	CLARK	3A
PLANTMIX BITUMINOUS SURFACE AGGREGATE (TYPE 2) (COARSE)							
3-INCH DEPTH (CONTINUED)							
"CH" LINE:							
2.64 stations @ 155.3 tons per station ("CH"37+70.00 to "CH"40+34.39)	410	TON	(83.50' Width - Vertical Slopes)				
4.04 stations @ 160.0 tons per station ("CH"40+34.39 to "CH"44+38.48)	646	TON	(86.00' Width - Vertical Slopes)				
0.80 stations @ 160.0 tons per station ("CH"44+38.48 to "CH"45+18.48)	128	TON	(86.00' Width - Vertical Slopes)				
8.26 stations @ 160.0 tons per station ("CH"45+18.48 to "CH"53+44.86)	1322	TON	(86.00' Width - Vertical Slopes)				
0.70 stations @ 160.0 tons per station ("CH"53+44.86 to "CH"54+14.96)	112	TON	(86.00' Width - Vertical Slopes)				
11.06 stations @ 160.0 tons per station ("CH"54+14.96 to "CH"65+20.56)	1770	TON	(86.00' Width - Vertical Slopes)				
0.91 stations @ 160.0 tons per station ("CH"65+20.56 to "CH"66+11.06)	146	TON	(86.00' Width - Vertical Slopes)				
35.63 stations @ 160.0 tons per station ("CH"66+11.06 to "CH"101+74.10)	5701	TON	(86.00' Width - Vertical Slopes)				
378.6 sq. yds. @ 0.17 tons per sq. yd. ("CH"103+06.03 to "CH"104+06.03))	64	TON	(34.00' Width - Vertical Slopes)				
675.5 sq. yds. @ 0.17 tons per sq. yd. ("CH"107+46.13 to "CH"108+98.13)	115	TON	(52.50' Width - Vertical Slopes)				
LAS VEGAS BLVD.							
933.4 sq. yds. @ 0.17 tons per sq. yd. ("B"1111+26.55 to "B"1112+58.55)	159	TON	(Las Vegas Blvd. - Vertical Slopes)				
1387.7 sq. yds. @ 0.17 tons per sq. yd. ("B"1113+64.04 to "B"1115+45.86)	236	TON	(Las Vegas Blvd. - Vertical Slopes)				
INTERSECTIONS							
19.1 sq. yds. @ 0.17 tons per sq. yd. (Main St., North Spandrel)	3.2	TON					
12.2 sq. yds. @ 0.17 tons per sq. yd. (Main St., South Spandrel)	2.1	TON					
3.1 sq. yds. @ 0.17 tons per sq. yd. (Las Vegas Blvd. NW corner)	0.5	TON					
6.6 sq. yds. @ 0.17 tons per sq. yd. (Las Vegas Blvd. NE Corner)	1.1	TON					
2.7 sq. yds. @ 0.17 tons per sq. yd. (Las Vegas Blvd. SE Corner)	0.5	TON					
25.4 sq. yds. @ 0.17 tons per sq. yd. (Las Vegas Blvd. SW Corner)	4.3	TON					
435.0 sq. yds. @ 0.17 tons per sq. yd. (Hoover and Seventh St.)	74.0	TON					
120.4 sq. yds. @ 0.17 tons per sq. yd. (Casino Center East)	20.5	TON					
22.2 sq. yds. @ 0.17 tons per sq. yd. (Casino Center West)	3.8	TON					
86.0 sq. yds. @ 0.17 tons per sq. yd. (Casino Center South)	14.6	TON					
120.6 sq. yds. @ 0.17 tons per sq. yd. (4th. Street North)	20.5	TON					
203.2 sq. yds. @ 0.17 tons per sq. yd. (4th. Street South)	34.5	TON					
85.1 sq. yds. @ 0.17 tons per sq. yd. (8th. Street North)	14.5	TON					
55.6 sq. yds. @ 0.17 tons per sq. yd. (8th. Street South)	9.5	TON					
113.3 sq. yds. @ 0.17 tons per sq. yd. (Gass Ave. East)	19.3	TON					
20.1 sq. yds. @ 0.17 tons per sq. yd. (Gass Ave. West)	3.4	TON					
86.9 sq. yds. @ 0.17 tons per sq. yd. (10th. Street North)	14.8	TON					

ITEM

TOTAL

UNIT

PLANTMIX BITUMINOUS SURFACE AGGREGATE (TYPE 2) (COARSE)

3-INCH DEPTH (Continued)

INTERSECTIONS (Continued)

63.6 sq. yds. @ 0.17 tons per sq. yd. (10th. Street South)	10.8	TON
101.1 sq. yds. @ 0.17 tons per sq. yd. (Maryland Parkway North)	17.2	TON
131.2 sq. yds. @ 0.17 tons per sq. yd. (Maryland Parkway South)	22.3	TON
72.2 sq. yds. @ 0.17 tons per sq. yd. (14th. Street)	12.3	TON
74.9 sq. yds. @ 0.17 tons per sq. yd. (15th. Street North)	12.7	TON
71.1 sq. yds. @ 0.17 tons per sq. yd. (15th. Street South)	12.1	TON
62.0 sq. yds. @ 0.17 tons per sq. yd. (17th. Street)	10.5	TON
53.3 sq. yds. @ 0.17 tons per sq. yd. (Spencer Street)	9.1	TON
89.8 sq. yds. @ 0.17 tons per sq. yd. (Bruce Street North)	15.3	TON
61.0 sq. yds. @ 0.17 tons per sq. yd. (Bruce Street South)	10.4	TON

SUB TOTAL

16916

TON

USE TOTAL

16920

TON

PLANTMIX BITUMINOUS OPEN-GRADE SURFACE AGGREGATE

"CH" LINE:

3.34 stations @ 36.3 tons per station (83.00' Width) ("CH"0+25.64 to "CH"3+59.69)	121	TON
1.29 stations @ 36.6 tons per station (83.75' Avg. Width) ("CH"3+59.69 to "CH"4+88.36)	47	TON
0.46 stations @ 36.9 tons per station (84.50' Width) ("CH"4+88.36 to "CH"5+34.48)	17	TON
0.45 stations @ 37.7 tons per station (83.25' Avg.Width) ("CH"5+34.48 to "CH"5+79.47)	17	TON
2.24 stations @ 35.9 tons per station (82.00' Width) ("CH"5+79.47 to "CH"8+03.06)	80	TON
1.12 stations @ 36.3 tons per station (83.00' Avg.Width) ("CH"8+03.06 to "CH"9+15.33)	41	TON
2.76 stations @ 36.5 tons per station (Width Varies 76.4' min. 84.0' max.) ("CH"9+15.33 to "CH"11+90.84)	101	TON
1.5 stations @ 33.7 tons per station (77.05' Avg.Width) ("CH"11+90.84 to "CH"13+40.65)	51	TON
1.37 stations @ 34.7 tons per station (79.25' Avg.Width) ("CH"13+40.65 to "CH"14+77.74)	48	TON
0.22 stations @ 35.4 tons per station (81.00' Width) ("CH"14+77.74 to "CH"15+00.00)	8	TON
1.24 stations @ 36.0 tons per station (82.25' Width) ("CH"15+00.00 to "CH"16+24.16)	45	TON
2.06 stations @ 37.6 tons per station (Width Varies 83.0' min. 83.5' max.) ("CH"16+24.16 to "CH"18+30.25)	77	TON
0.53 stations @ 35.9 tons per station (82.00' Avg.Width) ("CH"18+30.25 to "CH"18+83.70)	19	TON
18.86 stations @ 35.4 tons per station (81.00' Width) ("CH"18+83.70 to "CH"37+70.00)	668	TON
2.64 stations @ 36.5 tons per station (83.50' Width) ("CH"37+70.00 to "CH"40+34.39)	96	TON
61.4 stations @ 37.6 tons per station (86.00' Width) ("CH"40+34.39 to "CH"101+74.10)	2309	TON
1.32 stations @ 35.5 tons per station (81.25' Avg.Width) ("CH"101+74.10 to "CH"103+06.03)	47	TON

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ITEM

ITEM	TOTAL	UNIT
PLANTMIX BITUMINOUS OPEN-GRADE SURFACE AGGREGATE (Continued)		
4320.0 sq. yds. @ 0.04 tons per sq. yd. (Eastern to Boulder) ("CH"103+01.13 to "CH"108+98.13)	173	TON
LAS VEGAS BLVD.		
1353.4 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. North) ("B"1113+64.04 to "B"1115+45.86)	54	TON
979.4 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. South) ("B"1111+26.55 to "B"1112+58.55)	39	TON
INTERSECTIONS		
19.1 sq. yds. @ 0.04 tons per sq. yd. (Main St., North Spandrel)	0.8	TON
12.2 sq. yds. @ 0.04 tons per sq. yd. (Main St., South Spandrel)	0.5	TON
3.1 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. NW corner)	0.1	TON
6.6 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. NE Corner)	0.3	TON
2.7 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. SE Corner)	0.1	TON
25.4 sq. yds. @ 0.04 tons per sq. yd. (Las Vegas Blvd. SW Corner)	1.0	TON
435.0 sq. yds. @ 0.04 tons per sq. yd. (Hoover and Seventh St.)	17.4	TON
120.4 sq. yds. @ 0.04 tons per sq. yd. (Casino Center East)	4.8	TON
22.2 sq. yds. @ 0.04 tons per sq. yd. (Casino Center West)	0.9	TON
86.0 sq. yds. @ 0.04 tons per sq. yd. (Casino Center South)	3.4	TON
120.6 sq. yds. @ 0.04 tons per sq. yd. (4th. Street North)	4.8	TON
203.2 sq. yds. @ 0.04 tons per sq. yd. (4th. Street South)	8.1	TON
85.1 sq. yds. @ 0.04 tons per sq. yd. (8th. Street North)	3.4	TON
55.6 sq. yds. @ 0.04 tons per sq. yd. (8th. Street South)	2.2	TON
113.3 sq. yds. @ 0.04 tons per sq. yd. (Gass Ave. East)	4.5	TON
20.1 sq. yds. @ 0.04 tons per sq. yd. (Gass Ave. West)	0.8	TON
86.9 sq. yds. @ 0.04 tons per sq. yd. (10th. Street North)	3.5	TON
63.6 sq. yds. @ 0.04 tons per sq. yd. (10th. Street South)	2.5	TON
101.1 sq. yds. @ 0.04 tons per sq. yd. (Maryland Parkway North)	4.0	TON
131.2 sq. yds. @ 0.04 tons per sq. yd. (Maryland Parkway South)	5.2	TON
72.2 sq. yds. @ 0.04 tons per sq. yd. (14th. Street)	2.9	TON
74.9 sq. yds. @ 0.04 tons per sq. yd. (15th. Street North)	3.0	TON
71.1 sq. yds. @ 0.04 tons per sq. yd. (15th. Street South)	2.8	TON
62.0 sq. yds. @ 0.04 tons per sq. yd. (17th. Street)	2.5	TON
53.3 sq. yds. @ 0.04 tons per sq. yd. (Spencer Street)	2.1	TON
89.8 sq. yds. @ 0.04 tons per sq. yd. (Bruce Street North)	3.6	TON
61.0 sq. yds. @ 0.04 tons per sq. yd. (Bruce Street South)	2.4	TON
TOTAL	4146	TON
USE TOTAL	4150	TON

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THEORETICAL APPLICATION OF SURFACING MATERIALS

Plantmix Bituminous Open-Graded Surface (Aggregate and Asphalt) .....	85 Lbs./Sq.Yd.
Asphalt Cement, Grade AC-20 (Use with Open-Graded Surface) .....	8.00 Percent
Asphalt Cement, Grade AC-20 (Use with Surface Aggregate).....	6.50 Percent
Asphalt Cement, Grade AC-20 (Tack Coat for Pavement Fabric).....	0.25 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Prime Coat 1st Application).....	0.30 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Prime Coat 2nd Application) .....	0.20 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Seal Coat).....	0.12 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Diluted) (Tack for Open-Grade) .....	0.07 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Diluted) (Tack for Plantmix Courses) .....	0.05 Gal./Sq.Yd.
Emulsified Asphalt, SS-1h (Diluted) (Tack Over Existing Pavement) .....	0.07 Gal./Sq.Yd.
Sand Blotter .....	10.00 Lbs./Sq.Yd.
Specific Gravity (Used for Calculating Purposes) .....	2.65

DEPTH CHECKS

OFFSET FEET	SIDE	STATION	REMARKS	BASE INCHES	PBS INCHES
4	LT	"CH" 5+33.50		?	10.50
8'5"	LT	"CH" 10+38.50		?	7.75
3	RT	"CH" 15+33.50		?	8.00
7	RT	"CH" 15+66.50		?	9.00
4	LT	"CH" 19+33.50		?	9.00
9'5"	LT	"CH" 20+94.50		?	8.50
7'3"	RT	"CH" 26+22.50		?	8.25
3	RT	"CH" 31+33.50		?	9.00
10	LT	"CH" 31+50.50		?	9.00
9'6"	RT	"CH" 36+78.50		?	9.75
4	RT	"CH" 38+33.50		?	8.25
4	LT	"CH" 39+33.50		?	8.75
8	RT	"CH" 47+34.50		?	10.75
9'6"	LT	"CH" 47+34.50		?	10.50
9	RT	"CH" 57+90.50		?	9.00
10	LT	"CH" 63+18.50		?	10.00
4	RT	"CH" 66+33.50		?	9.25
11	RT	"CH" 71+10.50		?	9.75
10'8"	LT	"CH" 73+74.50		?	8.25
4	RT	"CH" 75+33.50		?	9.00
10'4"	RT	"CH" 79+02.50		?	9.00
9'5"	LT	"CH" 84+30.40		?	9.00
4	RT	"CH" 88+33.50		?	9.00
10'2"	RT	"CH" 89+58.50		?	10.75
11	LT	"CH" 94+86.50		?	10.00
4	LT	"CH" 96+33.50		?	9.50
4	LT	"CH" 105+33.50		?	8.75
10'2"	RT	"CH" 105+42.50		?	12.00
10'4"	LT	"CH" 105+42.50		?	9.25
4	LT	"CH" 107+33.50		?	9.75
3	RT	"CH" 110+33.50		?	11.00
					12.25

LOOP DETECTORS

ROUTE	STATION	COMMENTS	QUANTITY	UNIT
SR-587	"CH" 12+75	LOCATE PULL BOX ON EACH SIDE	7	EACH
SR-587	"CH" 21+50	LOCATE PULL BOX ON EACH SIDE	7	EACH
SR-606	500' NORTH OF SR-587	LOCATE PULL BOX IN MEDIAN	7	EACH
SR-587	"CH" 101+50	LOCATE PULL BOX ON EACH SIDE	5	EACH
SR-587	MULTIPLE	SEE SIGNALS AND LIGHTING SHEETS	249	EACH
			TOTAL =	275
				EACH

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**SUMMARY OF TRAFFIC CONTROL DEVICES**

NOTE: Quantities shown are approximate and based on the possibility that the contractor may work at more than one location within the project concurrently. The quantities are subject to increase or decrease and additional signs, not listed, may be required as directed by the engineer.

**SIGNS**

NUMBER OF SIGNS	SIGN NUMBER	PANEL SIZE	MESSAGE	SQ. FT. EACH	SQ. FT. TOTAL
TOTAL					
2	G20-2	60" X 24"	END CONSTRUCTION	10.00	20.00
6	R3-1	24" X 24"	NO RIGHT TURN (SYMBOL)	4.00	24.00
55	R3-2	24" X 24"	NO LEFT TURN (SYMBOL)	4.00	220.00
40	R7-2A	24" X 30"	NO PARKING (SYMBOL) 6PM TO 8AM	5.00	200.00
40	R7-201A	12" X 6"	TOW AWAY ZONE (SYMBOL)	0.50	20.00
23	R11-2	48" X 30"	ROAD CLOSED	10.00	230.00
23	R11-4	60" X 30"	ROAD CLOSED TO THRU TRAFFIC	12.50	287.50
1	W1-4L	30" X 30"	LANE SHIFT LEFT (SYMBOL)	6.25	6.25
3	W4-2L	48" X 48"	LANE DROP LEFT (SYMBOL)	16.00	48.00
4	W4-2R	48" X 48"	LANE DROP RIGHT (SYMBOL)	16.00	64.00
14	W8-1	30" X 30"	BUMP	6.25	87.50
1	W12-1	36" X 36"	SPLIT ARROWS (SYMBOL)	9.00	9.00
3	W13-1	18" X 18"	35 MPH ADVISORY	2.25	6.75
66	W20-1	48" X 48"	ROAD CONSTRUCTION AHEAD	16.00	1056.00
2	W20-1	60" X 60"	ROAD CONSTRUCTION AHEAD	25.00	50.00
3	W20-5L	48" X 48"	LEFT LANE CLOSED AHEAD	16.00	48.00
4	W20-5R	48" X 48"	RIGHT LANE CLOSED AHEAD	16.00	64.00
44	W20-7A	48" X 48"	FLAGGER (SYMBOL)	16.00	704.00
44	W20-7B	48" X 48"	PREPARE TO STOP	16.00	704.00
12	NUL-1	48" X 48"	UNEVEN LANES (SYMBOL)	16.00	192.00
21	NUL-1A	24" X 18"	UNEVEN LANES	3.00	63.00
9	NUL-1B	48" X 48"	UNEVEN LANES (SYMBOL)	16.00	144.00
2	NTM-1	48" X 48"	THRU TRAFFIC MERGE LEFT	16.00	32.00
18	R3-3	24" X 24"	NO TURNS	4.00	72.00
2	R3 - 79	30" X 30"	RIGHT LANE MUST TURN RIGHT ON CHARLESTON	6.25	12.50
4	SPECIAL	42" X 30"	WALKWAY CLOSED USE OTHER SIDE	4.00	35.00
41	NWC-1	24" X 24"	WALKWAY CLOSED USE OTHER SIDE	4.00	164.00
41	NWC-2	24" X 24"	WALKWAY CLOSED USE OTHER SIDE	4.00	164.00
17	SPECIAL	30" X 30"	BUS LANE W/ARROW	6.25	106.25
				TOTAL	4833.75
				USE TOTAL	4834.00

**SURVEY MONUMENTS**

POINT #	DESCRIPTION
S 1/4 SECTION 33	
CLV #1	MONUMENT SET IN SURVEY WELL RLS 5094
CLV #2	5/8" REBAR AND ALUMINUM CAP RLS 5094
CLV #3	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND MAIN ST.
CLV #4	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND CASINO CENTER
CLV #5	BRASS CAP IN SURVEY WELL
CLV #6	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 3RD. ST.
CLV #7	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 4TH. ST.
CLV #8	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND LAS VEGAS BLVD.
N 1/4 SECTION 3	
CLV #9	2" BRASS CAP RLS 4788
CLV #10	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 7TH. ST.
S 1/4 SECTION 34	
CLV #11	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 8TH. ST. A 2" BRASS CAP RLS 4788
	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND GASS AVE.

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SURVEY MONUMENTS (Continued)

POINT #	DESCRIPTION
CLV #12	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 10TH. ST.
CLV #13	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 11TH. ST.
CLV #14	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND MARYLAND PKWY.
N.E. SECTION 4	5/8" REBAR AND ALUMINUM CAP RLS 5094 NEAR INTERSECTION OF CHARLESTON AND MARYLAND PKWY.
CLV #15	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 13TH. ST.
S.E. SECTION 34	BRASS CAP IN WELL RLS 5094
CLV #16	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 14TH. ST.
CLV #17	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 15TH. ST.
CLV #18	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 16TH. ST.
CLV #19	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 17TH. ST.
N 1/4 SECTION 2	BRASS CAP IN WELL RLS 5094
CLV #20	5/8" REBAR AND ALUMINUM CAP RLS 5094 AT THE INTERSECTION OF CHARLESTON AND SPENCER ST.
S 1/4 SECTION 35	BRASS CAP IN WELL RLS 5094 AT THE INTERSECTION OF CHARLESTON AND BRUCE ST.
S.E. SECTION 35	3" BRASS CAP IN WELL RLS 5094 AT THE INTERSECTION OF CHARLESTON AND 25TH. ST.
CLV #21	2" ALUMINUM CAP RLS 5094

GENERAL NOTES

1. Refer to Nevada Department of Transportation Standard Specifications, 1986 Edition for specifications except as modified by these plans and special provisions.
2. Refer to State of Nevada Standard Plans for Road and Bridge Construction, 1993 Edition for construction details.
3. Sign numbers shown on the Summary of Construction Signs are taken from the Manual on Uniform Traffic Control Devices (1988 and Revisions) and Standard Highway Signs (1979) and Nevada Supplement thereto (1992 edition).
4. Traffic Control Devices shall conform to the requirements of the M.U.T.C.D., 1988 Edition, and Nevada's supplement thereto.
5. The contractor shall remove, move, reset, cover or otherwise modify any regulatory signs that are not specifically addressed by the contract to accommodate traffic as directed by the engineer (no direct payment).
6. Depth of surface is compacted thickness.
7. Grades and cross-slopes not modified by these plans shall match the existing surface.
8. All legally established survey monuments disturbed during construction shall be preserved in accordance with State and Local laws and regulations.

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ESTIMATE OF QUANTITIES

Quantities Shown are Approximate Only and are Subject to Increase or Decrease TO BE CONTRACTED

ITEM NO.	TOTAL	UNIT	ITEM
200 0001	40	HOUR	SURVEY CREW
202 2802	98,590	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)
202 3103	186	CUYD	REMOVAL OF COMPOSITE SURFACE
202 3400	128	SQYD	REMOVAL OF SIDEWALK
202 3600	359	LINFT	REMOVAL OF CURB AND GUTTER
202 6401	590	SOYD	REMOVAL OF MEDIAN ISLAND
302 0100	160	TON	TYPE 1 CLASS B AGGREGATE BASE
401 0300	34,980	SQYD	PAVEMENT REINFORCING FABRIC
402 4021	16,920	TON	PLANTMIX BITUMINOUS SURFACE AGGREGATE (TYPE 2)(COARSE)
402 4230	1,482	TON	ASPHALT CEMENT, GRADE AC-20 (SPECIAL)
402 5000	2,440	SQYD	PLANTMIXING MISCELLANEOUS AREAS
403 2500	4,150	TON	PLANTMIX BITUMINOUS OPEN-GRADED SURFACE AGGREGATE (1/2-INCH)
405 5430	60	TON	EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED)
502 0102	27	CUYD	CLASS A CONCRETE (ISLAND PAVING)
609 0200	392	POUND	STRUCTURAL STEEL GRATES
609 0603	180	EACH	ADJUSTING COVERS (METHOD B)
613 1108	4,080	LINFT	CLASS A CONCRETE GLUE DOWN CURB (TYPE A)
613 1300	361	LINFT	CLASS A CONCRETE CURB AND GUTTER (SPECIAL)
613 1404	118	SQYD	CLASS A CONCRETE SIDEWALK (4-INCH)
613 1405	14	SQYD	CLASS A CONCRETE SIDEWALK (SPECIAL)
613 2000	253	SQYD	SPECIAL CONCRETE SLAB
613 4002	265	LINFT	CLASS A CONCRETE VALLEY GUTTER (TYPE 2)
621 1001	29	EACH	REMOVE & RESET MONUMENT
623 7000	275	EACH	LOOP DETECTOR (6-FOOT X 6-FOOT)
624 0200	2,400	HOUR	FLAGGER
624 0210	100	DAY	TRAFFIC CONTROL SUPERVISOR
625 0110	4,834	SQFT	RENT CONSTRUCTION SIGNS
625 0113	140	EACH	RENT CONSTRUCTION BARRICADES (TYPE II)
625 0114	1,420	EACH	RENT TRAFFIC CONES
625 0118	190	EACH	RENT BARRICADE WARNING LIGHTS (TYPE B)
625 0122	90	EACH	RENT CONSTRUCTION BARRICADES (TYPE IIIB)
625 0303	3	EACH	RENT ARROW BOARD (TYPE C)
625 0416	133	EACH	RENT TRAFFIC DRUMS
628 0100	LS	---	MOBILIZATION
633 0100	6,230	EACH	NON-REFLECTIVE PAVEMENT MARKERS
633 0200	2,300	EACH	REFLECTIVE PAVEMENT MARKERS
634 2100	1,580	SQFT	PERMANENT PAVEMENT MARKING FILM (TYPE 1) (VARIES)
634 2135	9,682	LINFT	PERMANENT PAVEMENT MARKING FILM (TYPE 1) (12-INCH SOLID WHITE)
636 1000	5.48	MILE	TEMPORARY PAINTED STRIPING (BROKEN WHITE)
636 1002	0.41	MILE	TEMPORARY PAINTED STRIPING (8-INCH SOLID WHITE)
636 1005	2.75	MILE	TEMPORARY PAINTED STRIPING (BROKEN YELLOW W/SOLID YELLOW)
636 1006	1.79	MILE	TEMPORARY PAINTED STRIPING (SOLID WHITE)
637 0001	FA	---	TEMPORARY POLLUTION CONTROL

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BEARING SOURCE  
 CITY OF LAS VEGAS  
 Contract 107V-829A  
 Contract 107V-829B

\*\* = Paving Limits



BEGIN PROJECT SPM-587(5)  
 "A1" 106+66.50 P.O.T.=  
 "CH" 0+00.00 P.O.T.  
 "P" 38+47.33 P.O.T.=

"A1"  
 S.89° 52' 30" E.  
 100

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

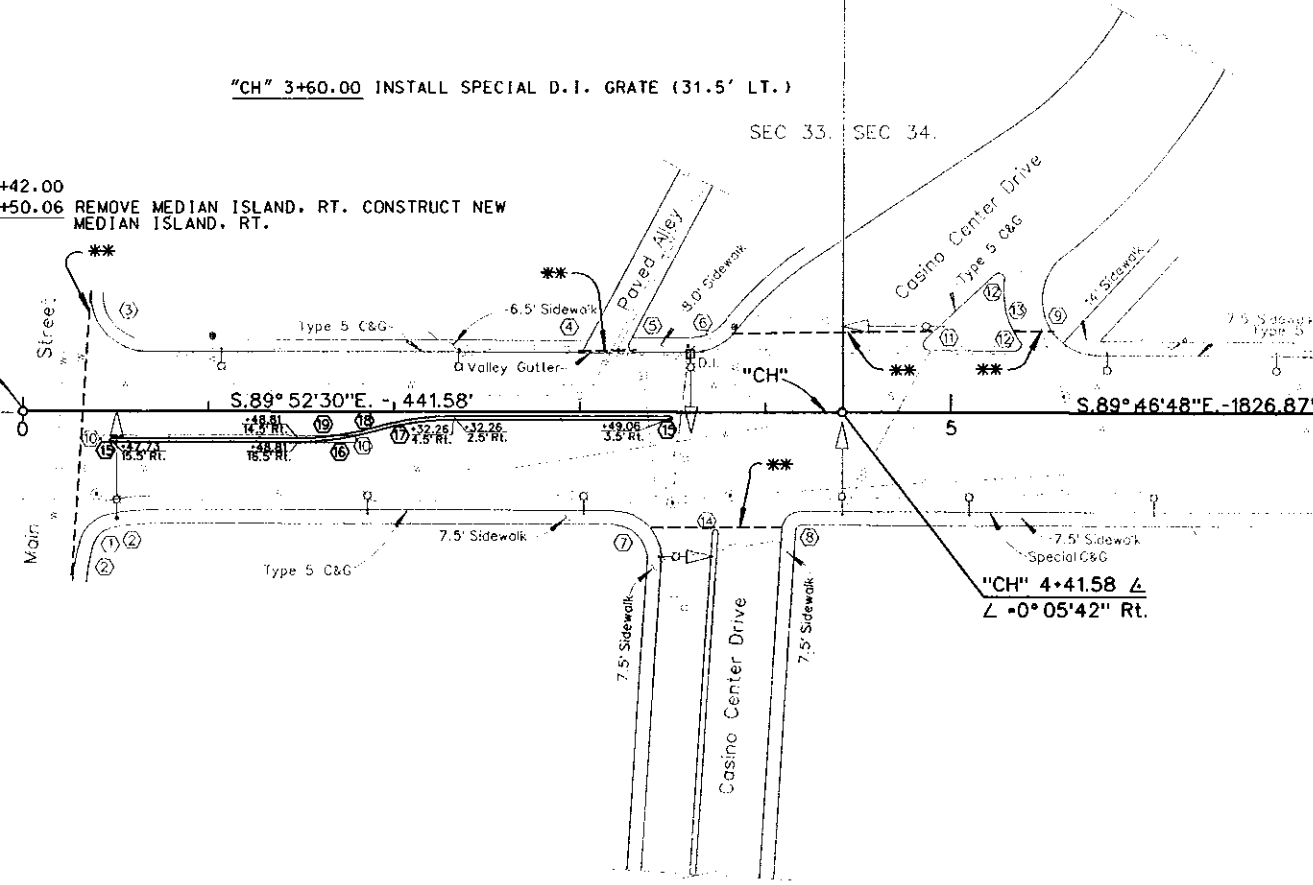
T.21S., R.61E.  
 SEC. 4 SEC. 3

105

"CH" 0+42.00  
 "CH" 3+50.06 REMOVE MEDIAN ISLAND, RT. CONSTRUCT NEW MEDIAN ISLAND, RT.

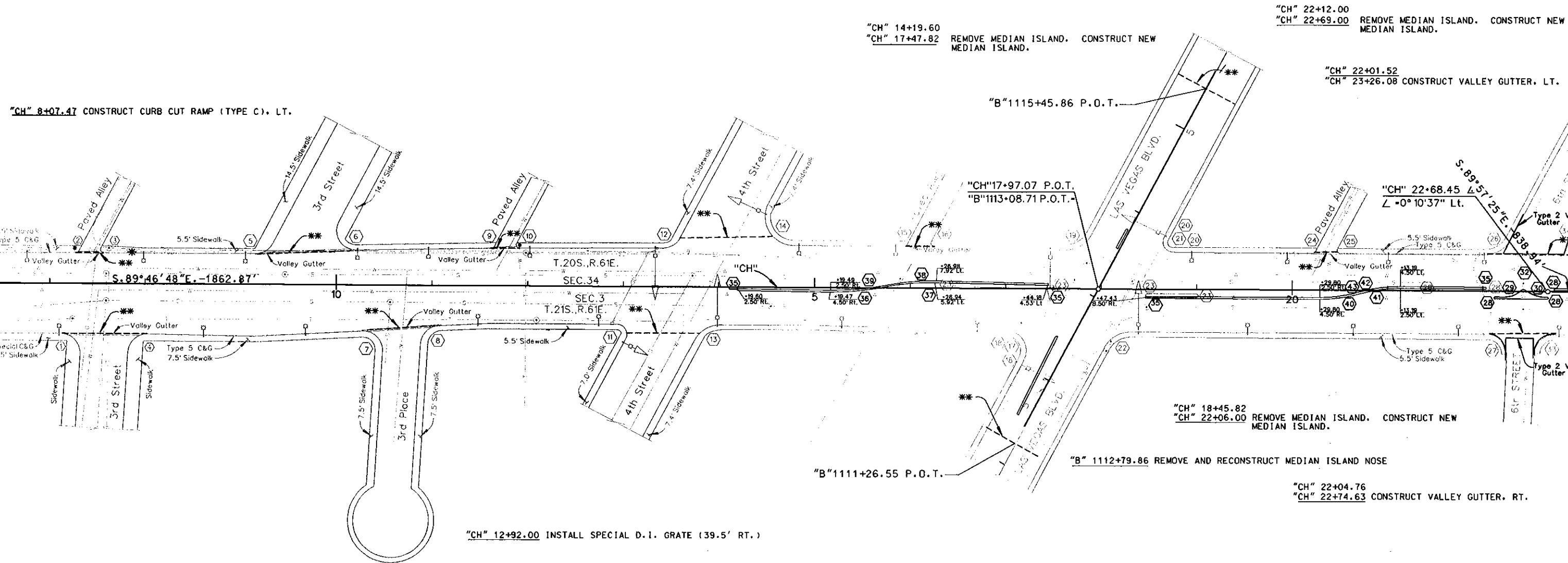
"CH" 3+60.00 INSTALL SPECIAL D.I. GRATE (31.5' LT.)

SEC. 33 SEC. 34.



NO	Δ	R	L	T
15	180° 00' 00"	1.00'	3.14'	∞
16	16° 15' 46"	151.00'	42.86'	21.58'
17	16° 15' 29"	149.00'	42.28'	21.28'
18	16° 15' 33"	151.00'	42.85'	21.57'
19	16° 15' 43"	149.00'	42.29'	21.29'

\*\* - PAVING LIMITS  
\* - CURB CUT RAMP



"CH" 8+07.47 CONSTRUCT CURB CUT RAMP (TYPE C). LT.

"CH" 14+19.60  
"CH" 17+47.82 REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.

"CH" 22+12.00  
"CH" 22+69.00 REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.

"CH" 22+01.52  
"CH" 23+26.08 CONSTRUCT VALLEY GUTTER. LT.

"CH" 17+97.07 P.O.T.  
"B" 1113+08.71 P.O.T.

"CH" 22+68.45  
L = 0° 10' 37" Lt.

"CH" 18+45.82  
"CH" 22+06.00 REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.

"B" 1112+79.86 REMOVE AND RECONSTRUCT MEDIAN ISLAND NOSE

"B" 1111+26.55 P.O.T.

"CH" 22+04.76  
"CH" 22+74.63 CONSTRUCT VALLEY GUTTER. RT.

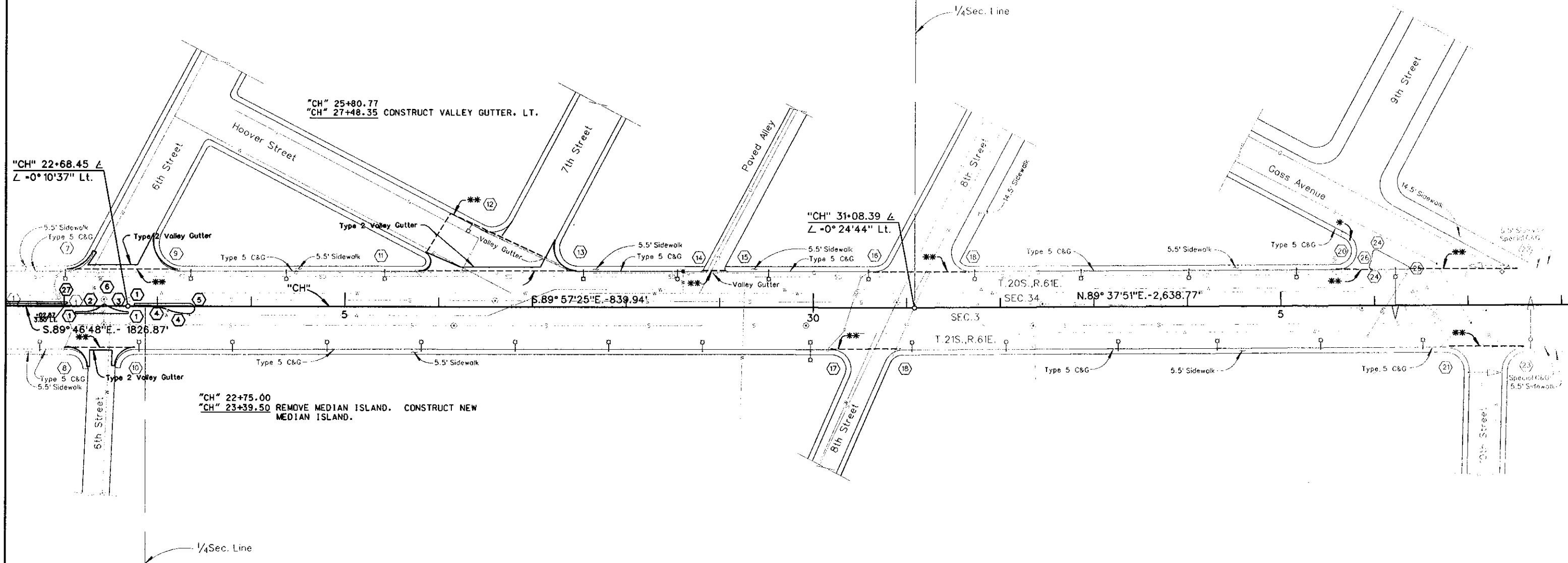
"CH" 12+92.00 INSTALL SPECIAL D.I. GRATE (39.5' RT.)

NO	A	R	L	T
(1)	93° 19' 32"	20.50'	33.38'	21.73'
(2)	62° 16' 23"	3.50'	3.80'	2.11'
(3)	117° 43' 51"	3.50'	7.18'	5.79'
(4)	87° 41' 34"	20.50'	31.37'	19.68'
(5)	62° 16' 08"	20.50'	22.28'	12.39'
(6)	118° 58' 32"	20.50'	42.58'	14.79'
(7)	96° 32' 11"	20.50'	34.54'	22.58'
(8)	83° 57' 30"	20.50'	29.85'	18.27'
(9)	61° 01' 25"	3.50'	3.72'	2.06'
(10)	118° 01' 45"	3.50'	7.21'	5.83'
(11)	111° 38' 24"	10.50'	21.74'	17.70'
(12)	61° 54' 27"	20.50'	22.15'	11.30'
(13)	62° 15' 30"	30.50'	33.14'	18.42'
(14)	117° 42' 36"	30.50'	62.66'	50.47'
(15)	62° 16' 20"	3.50'	3.80'	2.11'
(16)	147° 10' 06"	3.50'	8.99'	11.89'
(17)	103° 44' 50"	20.50'	37.12'	26.12'

NO	A	R	L	T
(18)	61° 24' 49"	100.50'	11.25'	5.63'
(19)	63° 29' 42"	30.50'	33.80'	18.87'
(20)	6° 02' 32"	100.00'	10.55'	5.28'
(21)	105° 38' 33"	10.50'	19.36'	13.84'
(22)	62° 15' 18"	30.50'	33.14'	18.42'
(23)	180° 00' 00"	2.00'	6.28'	∞
(24)	62° 15' 52"	3.50'	3.80'	2.11'
(25)	117° 43' 47"	3.50'	7.18'	5.79'
(26)	62° 17' 06"	30.50'	33.15'	18.43'
(27)	91° 18' 36"	20.50'	32.67'	20.97'
(28)	180° 43' 00"	1.00'	3.14'	∞
(29)	44° 25' 13"	25.00'	19.38'	10.21'
(30)	35° 31' 11"	40.00'	24.80'	12.81'
(31)	23° 33' 23"	60.00'	22.44'	12.51'
(32)	79° 56' 24"	3.00'	4.19'	2.50'
(33)	87° 30' 57"	20.50'	31.31'	19.63'
(34)	62° 17' 06"	30.50'	33.15'	18.43'

NO	A	R	L	T
(35)	180° 00' 00"	1.00'	3.14'	∞
(36)	11° 37' 35"	281.00'	57.02'	28.61'
(37)	12° 47' 43"	229.00'	51.15'	29.68'
(38)	12° 47' 46"	231.00'	51.59'	25.90'
(39)	11° 37' 39"	279.00'	56.62'	28.41'
(40)	16° 08' 16"	151.00'	42.53'	21.41'
(41)	16° 15' 43"	149.00'	42.29'	21.29'
(42)	16° 15' 46"	151.00'	42.86'	21.58'
(43)	16° 08' 20"	149.00'	41.97'	21.12'

\* = CURB CUT RAMP  
 \*\* = PAVING LIMITS

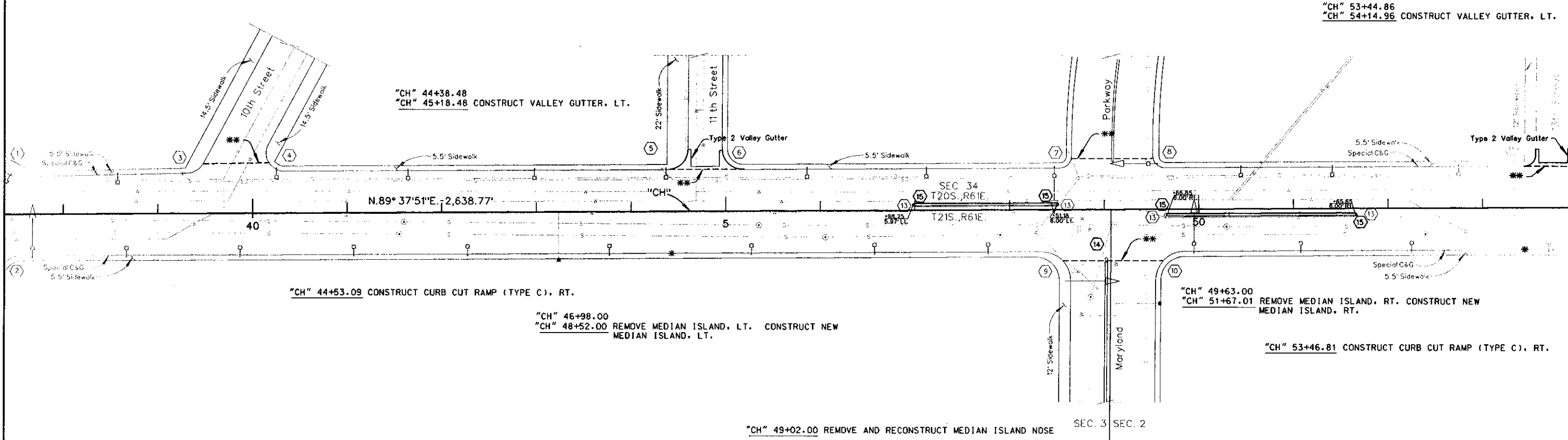


NO	Δ	R	L	T	NO	Δ	R	L	T
1	180° 43' 00"	1.00'	3.41'	∞	14	62° 08' 16"	3.50'	3.79'	2.11'
2	44° 25' 13"	25.00'	19.38'	10.21'	15	117° 51' 30"	3.50'	7.19'	5.81'
3	35° 31' 11"	40.00'	24.80'	12.81'	16	62° 08' 57"	20.50'	22.23'	12.35'
4	23° 33' 23"	60.00'	22.44'	12.51'	17	113° 27' 15"	20.50'	40.59'	31.24'
5	180° 00' 00"	5.50'	17.28'	∞	18	118° 15' 46"	20.50'	42.31'	34.30'
6	79° 56' 24"	3.00'	4.19'	2.50'	19	66° 08' 00"	20.50'	23.66'	13.35'
7	62° 17' 06"	30.50'	33.15'	18.43'	20	151° 42' 05"	20.50'	54.27'	81.32'
8	91° 18' 36"	20.50'	32.67'	20.97'	21	91° 33' 39"	25.50'	40.75'	26.20'
9	117° 53' 28"	30.50'	62.75'	50.65'	22	29° 18' 19"	30.50'	15.60'	7.97'
10	87° 30' 57"	20.50'	31.31'	19.63'	23	88° 25' 04"	25.50'	39.34'	24.81'
11	152° 06' 43"	10.50'	27.87'	42.29'	24	114° 35' 26"	3.50'	6.96'	5.45'
12	90° 00' 49"	25.50'	40.05'	28.63'	25	151° 42' 07"	1.50'	3.97'	5.95'
13	117° 52' 26"	3.50'	3.79'	2.11'	26	20° 14' 03"	37.50'	13.54'	6.84'

NO	Δ	R	L	T
27	180° 00' 00"	1.00'	3.14'	∞

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	7

\* - Curb Cut Ramp  
\*\* - PAVING LIMIT



"CH" 53+44.86  
"CH" 54+14.96 CONSTRUCT VALLEY GUTTER, LT.

"CH" 44+38.48  
"CH" 45+18.48 CONSTRUCT VALLEY GUTTER, LT.

"CH" 44+53.09 CONSTRUCT CURB CUT RAMP (TYPE C), RT.

"CH" 46+98.00  
"CH" 48+52.00 REMOVE MEDIAN ISLAND, LT. CONSTRUCT NEW MEDIAN ISLAND, LT.

"CH" 49+63.00  
"CH" 51+67.01 REMOVE MEDIAN ISLAND, RT. CONSTRUCT NEW MEDIAN ISLAND, RT.

"CH" 53+46.81 CONSTRUCT CURB CUT RAMP (TYPE C), RT.

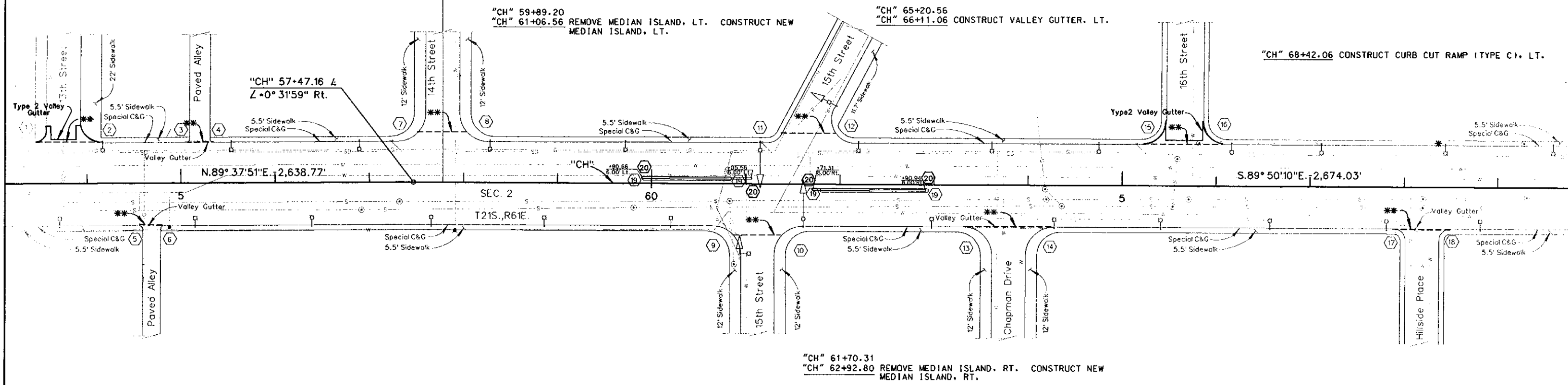
"CH" 49+02.00 REMOVE AND RECONSTRUCT MEDIAN ISLAND NOSE SEC. 3 SEC. 2

NO	Δ	R	L	T
1	29° 18' 19"	30.50'	15.60'	7.57'
2	88° 25' 04"	25.50'	59.74'	24.81'
3	60° 37' 50"	20.50'	21.69'	11.98'
4	118° 20' 19"	19.50'	40.27'	30.11'
5	89° 28' 36"	22.00'	34.35'	21.80'
6	89° 58' 50"	22.00'	34.55'	21.90'
7	89° 26' 50"	13.00'	20.29'	12.95'
8	89° 57' 16"	13.00'	20.41'	12.93'
9	89° 58' 57"	30.50'	47.90'	30.49'
10	89° 30' 40"	30.50'	47.64'	30.04'
11	89° 28' 14"	12.00'	18.73'	11.99'
12	90° 31' 38"	22.00'	34.76'	22.20'
13	180° 00' 00"	2.00'	6.28'	0.00'
14	180° 00' 00"	1.50'	4.71'	0.00'
15	180° 00' 00"	1.00'	3.14'	0.00'

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	8

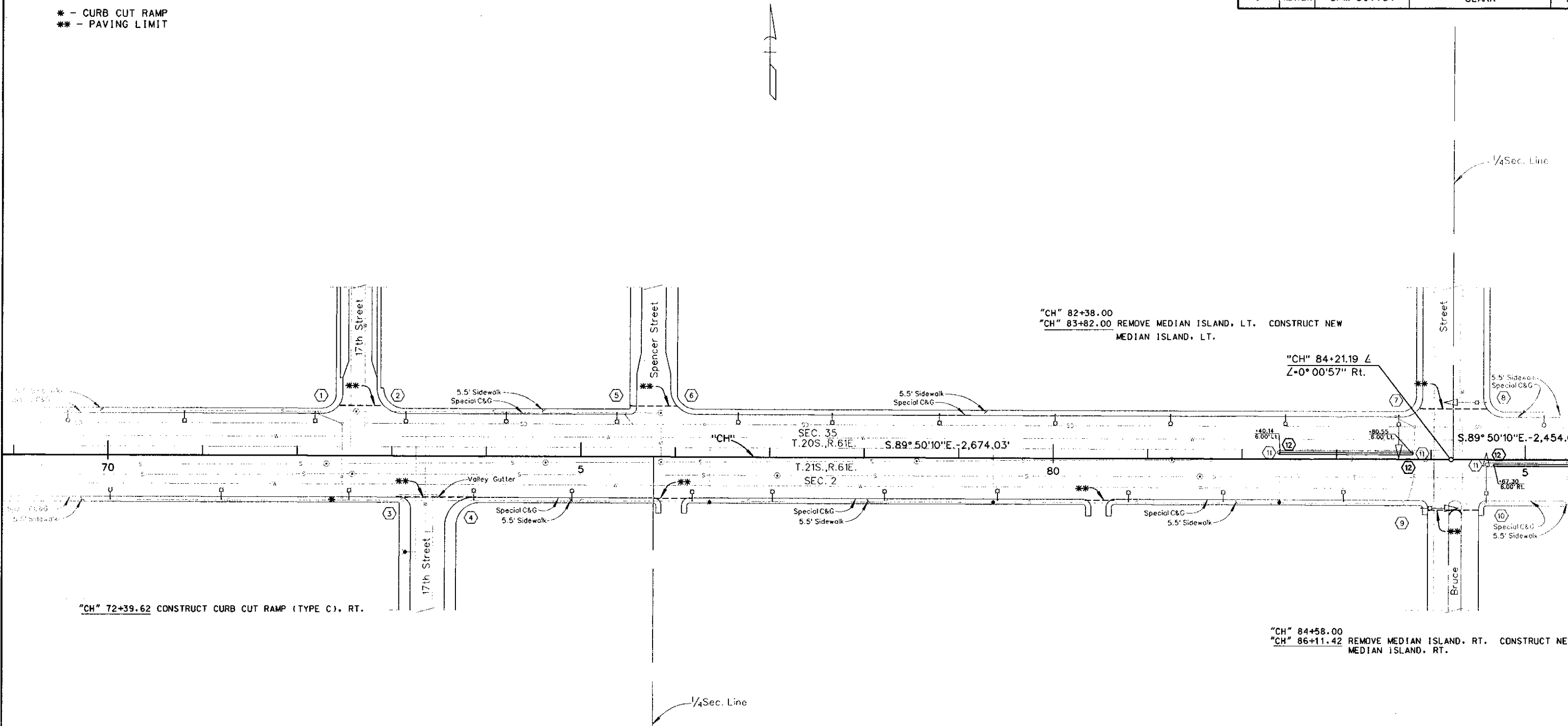
\* - CURB CUT RAMP  
 \*\* - PAVING LIMITS

SEC. 34 T.20S., R.61E.  
 SEC. 35 R.61E.



NO	Δ	R	L	T
(1)	89° 28' 14"	12.00'	18.73'	11.89'
(2)	90° 31' 38"	22.00'	34.76'	22.20'
(3)	89° 28' 17"	3.50'	5.46'	3.47'
(4)	89° 52' 21"	3.50'	5.49'	3.49'
(5)	89° 52' 21"	3.50'	5.49'	3.49'
(6)	89° 30' 17"	3.50'	5.46'	3.47'
(7)	89° 36' 35"	30.50'	47.70'	30.29'
(8)	89° 51' 22"	30.50'	47.83'	30.42'
(9)	89° 42' 14"	30.50'	47.75'	30.34'
(10)	90° 15' 52"	30.50'	48.05'	30.64'
(11)	62° 19' 08"	17.00'	18.49'	10.28'
(12)	117° 40' 54"	25.50'	52.37'	42.17'
(13)	89° 59' 46"	30.50'	47.90'	30.50'
(14)	90° 00' 13"	30.50'	47.90'	30.50'
(15)	90° 00' 53"	25.50'	40.06'	25.51'
(16)	89° 59' 03"	25.50'	40.04'	25.49'
(17)	89° 59' 13"	12.00'	18.84'	12.00'
(18)	90° 00' 51"	12.00'	18.84'	12.00'
(19)	180° 00' 00"	2.00'	6.28'	∞
(20)	180° 00' 00"	1.00'	3.14'	∞

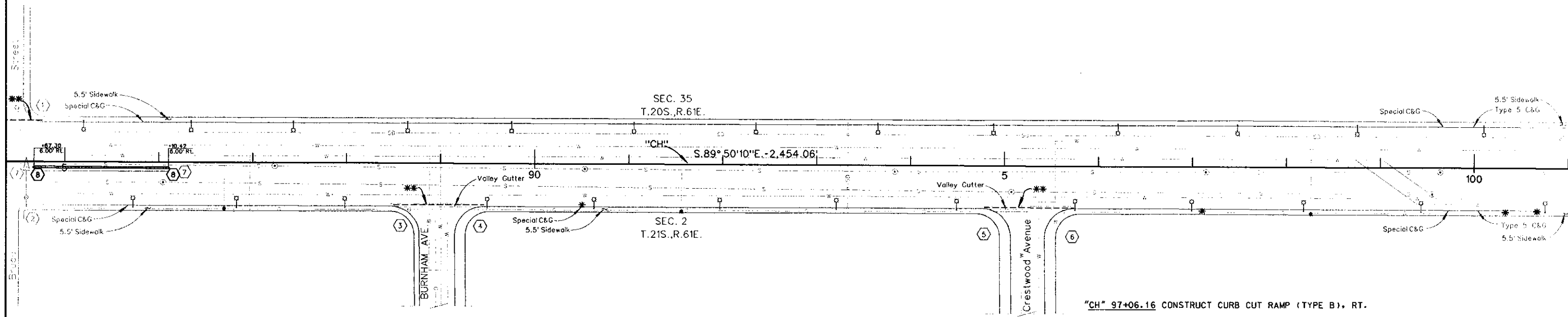
\* - CURB CUT RAMP  
\*\* - PAVING LIMIT



NO	Δ	R	L	T
(1)	89°59'46"	21.00'	32.98'	21.00'
(2)	89°59'09"	27.00'	42.40'	26.99'
(3)	90°00'15"	12.00'	18.84'	12.00'
(4)	89°59'47"	30.50'	47.90'	30.50'
(5)	90°01'05"	7.00'	11.00'	7.00'
(6)	89°58'57"	27.00'	42.40'	26.99'
(7)	90°00'04"	21.50'	33.77'	21.50'
(8)	89°49'11"	21.50'	33.70'	21.43'
(9)	89°50'10"	8.50'	12.54'	7.98'
(10)	90°10'51"	8.00'	12.59'	8.03'
(11)	180°00'00"	2.00'	6.28'	∞
(12)	180°00'00"	1.00'	3.14'	∞

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	10

\* - CURB CUT RAMP  
\*\* - PAVING LIMIT



"CH" 90+45.68 CONSTRUCT CURB CUT RAMP (TYPE D), RT.

"CH" 97+06.16 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 100+31.13 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 100+69.13 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

NO	Δ	R	L	T
(1)	89°49'11"	21.50'	33.70'	21.43'
(2)	90°10'51"	8.00'	12.59'	8.03'
(3)	89°22'42"	30.50'	47.57'	30.17'
(4)	89°58'57"	27.00'	47.90'	30.49'
(5)	89°23'58"	30.50'	47.58'	30.18'
(6)	89°58'57"	30.50'	47.90'	30.49'
(7)	180°00'00"	2.00'	6.28'	∞
(8)	180°00'00"	1.00'	3.14'	∞

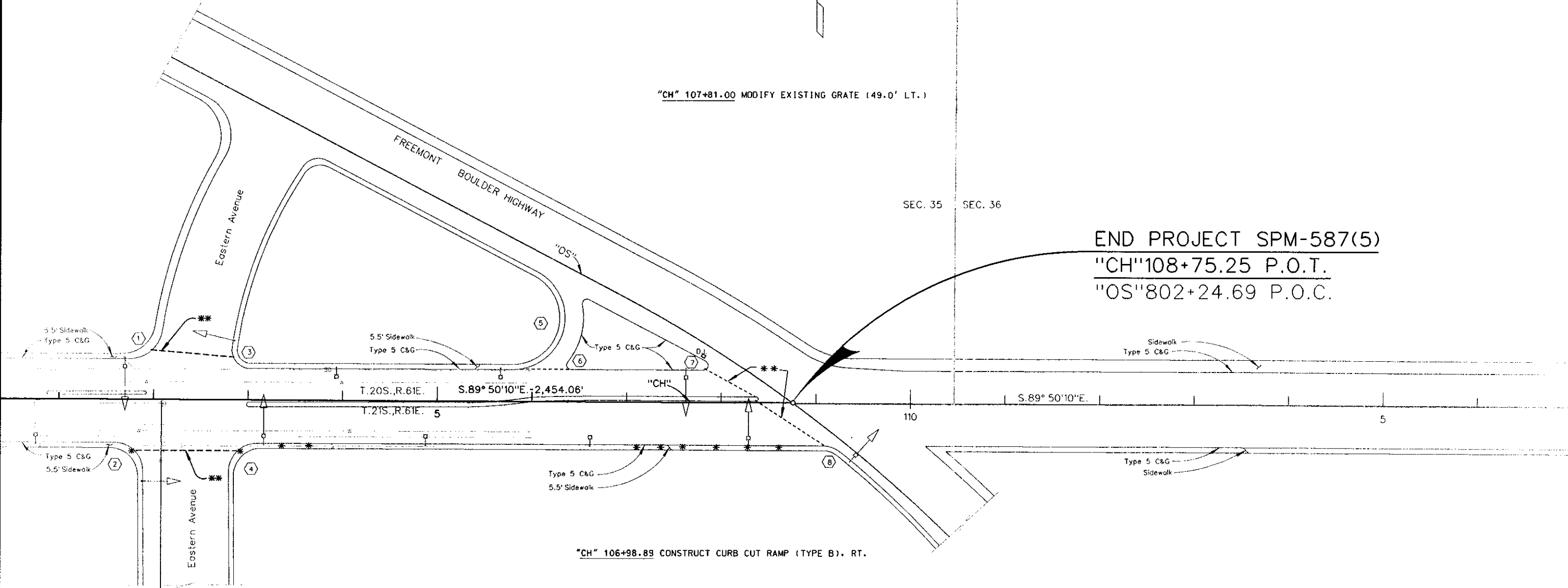
\*\* -PAVING LIMITS  
\* - CURB CUT RAMP



"CH" 107+81.00 MODIFY EXISTING GRATE (49.0' LT.)

SEC. 35 SEC. 36

END PROJECT SPM-587(5)  
"CH" 108+75.25 P.O.T.  
"OS" 802+24.69 P.O.C.



"CH" 106+98.89 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 101+80.25 CONSTRUCT CURB CUT RAMP (TYPE D), RT.

"CH" 102+85.93 CONSTRUCT CURB CUT RAMP (TYPE D), RT.

"CH" 103+20.93 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 103+41.38 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 107+20.38 CONSTRUCT CURB CUT RAMP (TYPE B), RT.

"CH" 107+48.90 CONSTRUCT CURB CUT RAMP (TYPE A), RT.





"CH" 107+80.38 CONSTRUCT CURB CUT RAMP (TYPE A), RT.

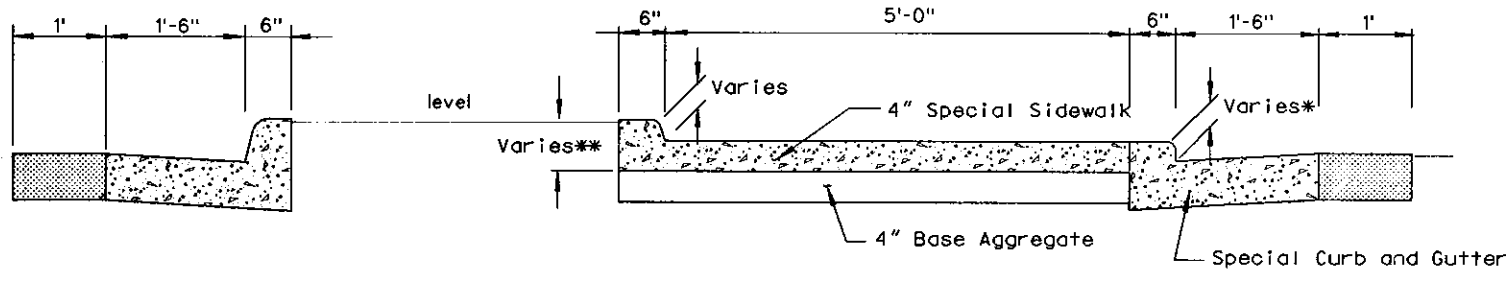
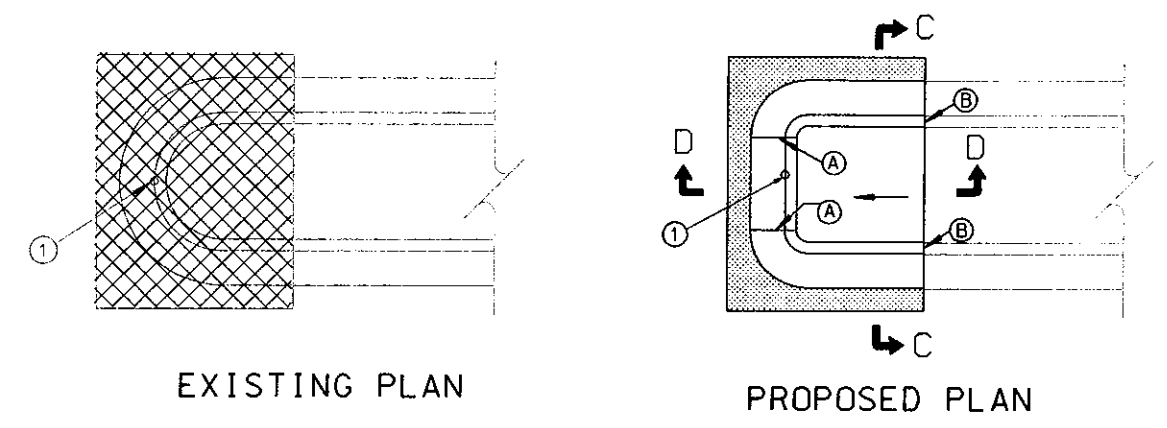
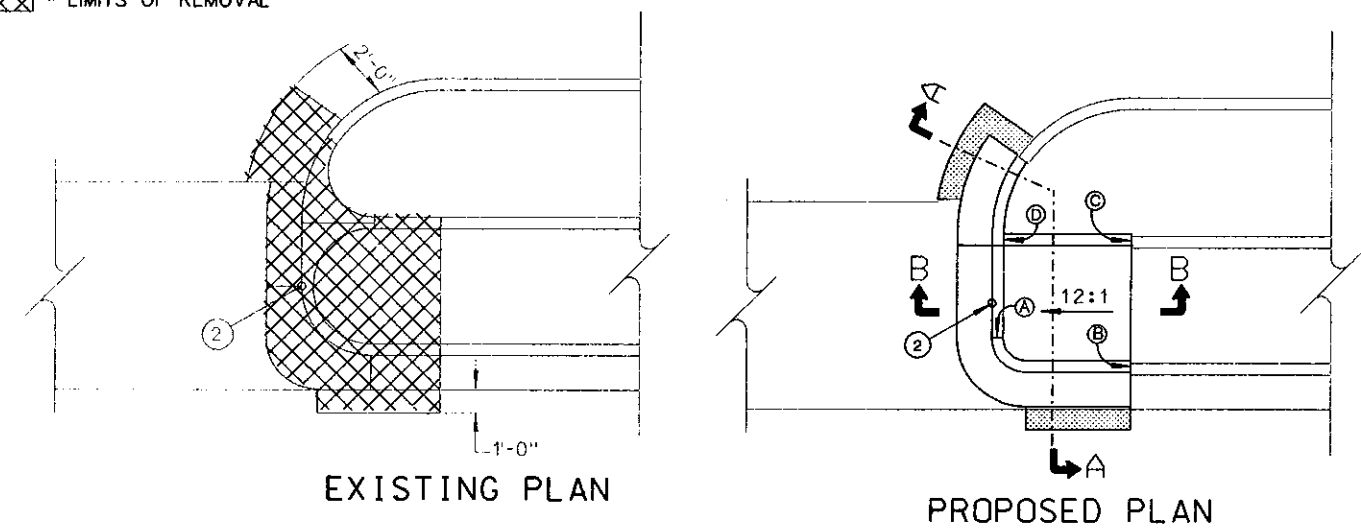
"CH" 108+16.89 CONSTRUCT CURB CUT RAMP (TYPE A), RT.

"CH" 108+45.37 CONSTRUCT CURB CUT RAMP (TYPE A), RT.

SEC. 2 SEC. 1

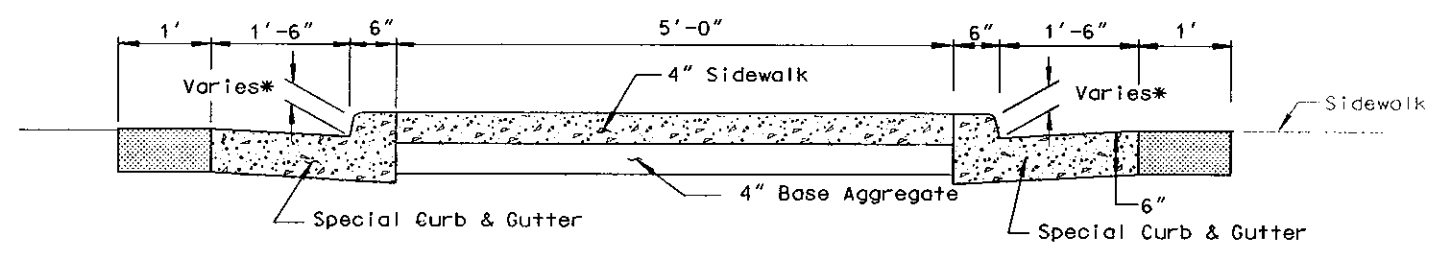
NO	A	R	L	T
(1)	84° 59' 29"	35.50'	52.66'	32.53'
(2)	89° 49' 14"	35.50'	55.65'	35.39'
(3)	0° 00' 00"	0.00'	0.00'	0.00'
(4)	0° 00' 00"	0.00'	0.00'	0.00'
(5)	0° 00' 00"	55.00'	0.00'	0.00'
(6)	0° 00' 00"	5.00'	0.00'	0.00'
(7)	0° 00' 00"	5.00'	0.00'	0.00'
(8)	0° 00' 00"	100.00'	0.00'	0.00'

-  - LIMITS OF PATCHING
-  - POINT OF REFERENCE
-  - POINT OF REFERENCE
-  - LIMITS OF REMOVAL



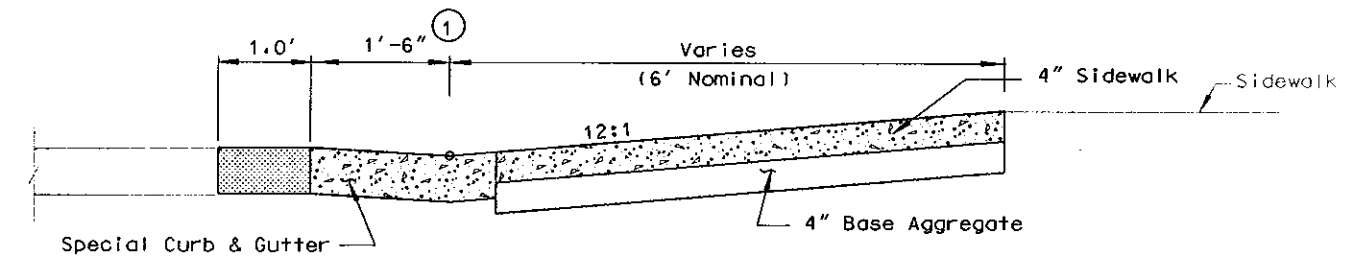
**SECTION A-A**

\* From 0" at (A) to 6" at (B)  
 \*\* From 4" at (C) to 10" at (D)

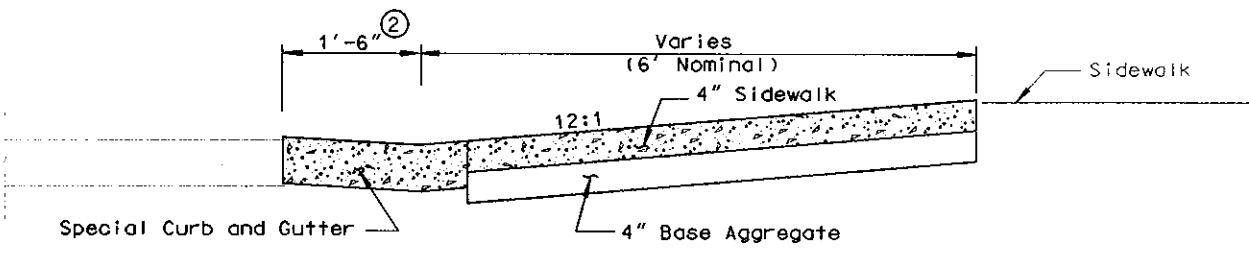


**SECTION C-C**

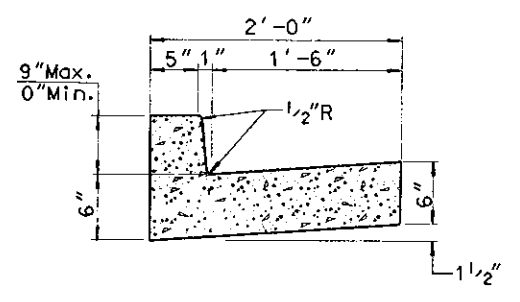
\* From 0" at (A) to 6" at (B)



**SECTION D-D  
 CURB CUT RAMP (TYPE B)**



**SECTION B-B  
 CURB CUT RAMP (TYPE A)**

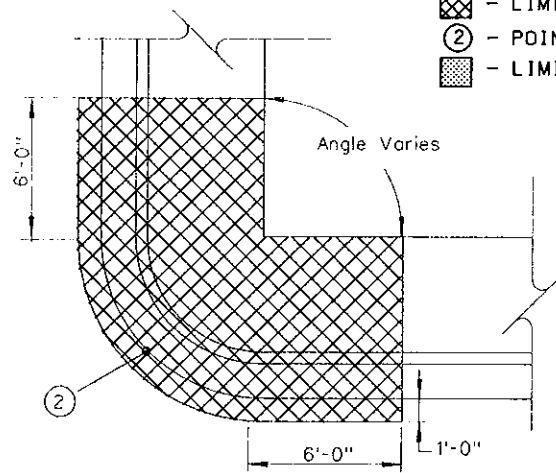


**SPECIAL CURB & GUTTER**

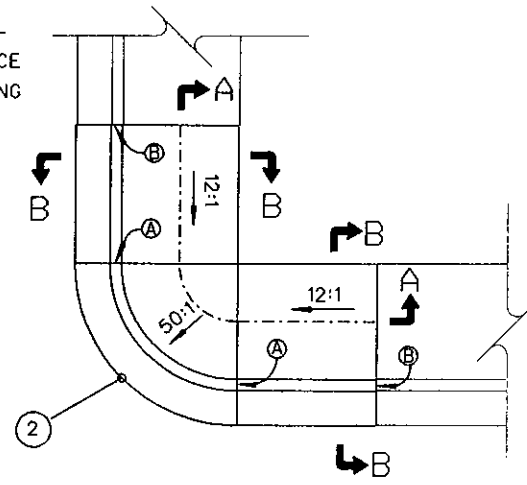
STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION

**SPECIAL DETAILS**

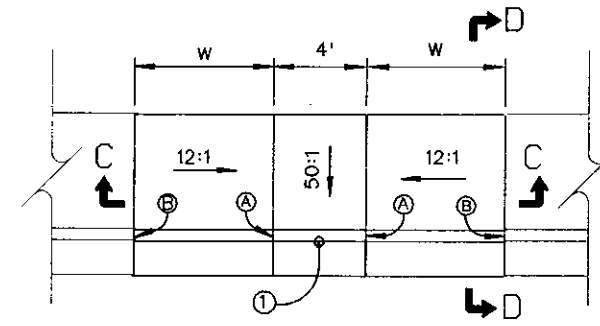
- ① - POINT OF REFERENCE
- ⊗ - LIMITS OF REMOVAL
- ② - POINT OF REFERENCE
- ⊠ - LIMITS OF PATCHING



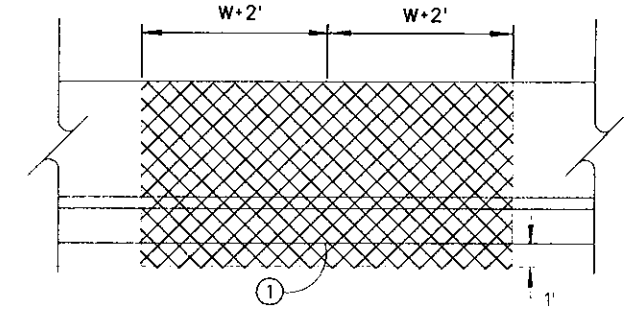
EXISTING PLAN



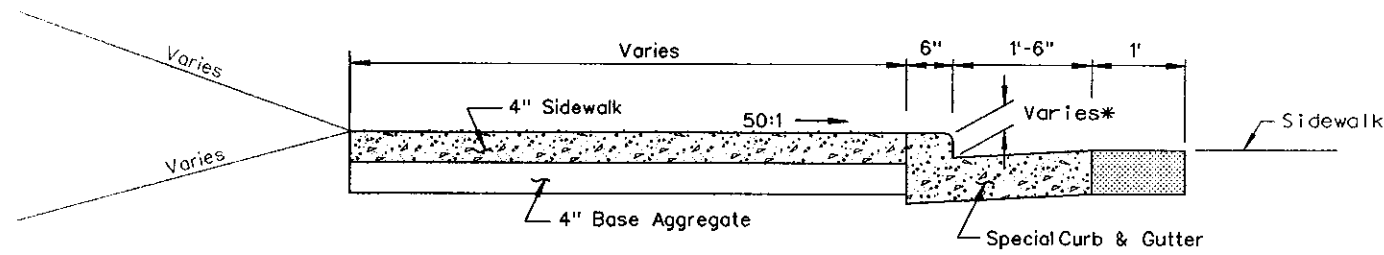
PROPOSED PLAN



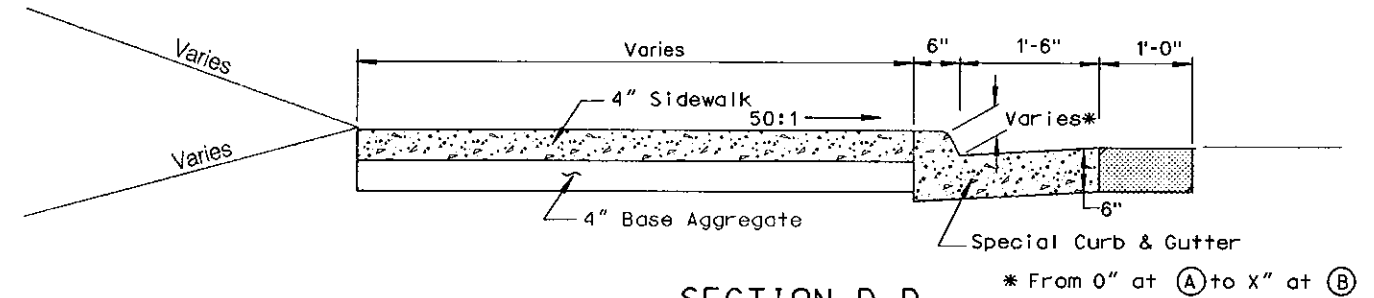
PROPOSED PLAN



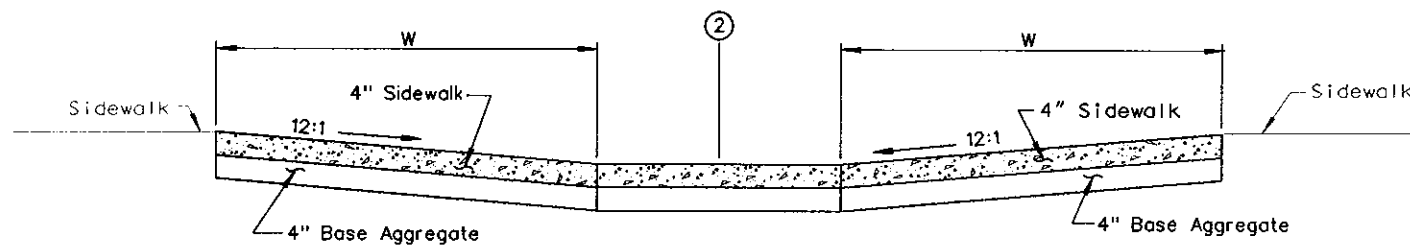
EXISTING PLAN



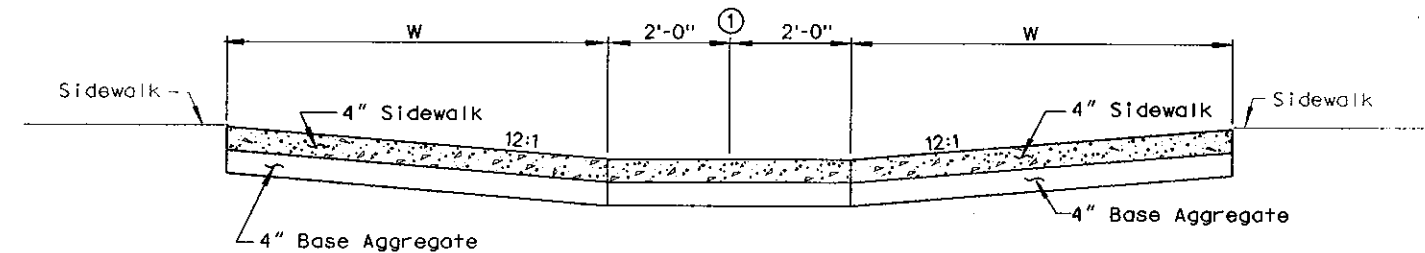
SECTION B-B



SECTION D-D



SECTION A-A  
CURB CUT RAMP (TYPE D)






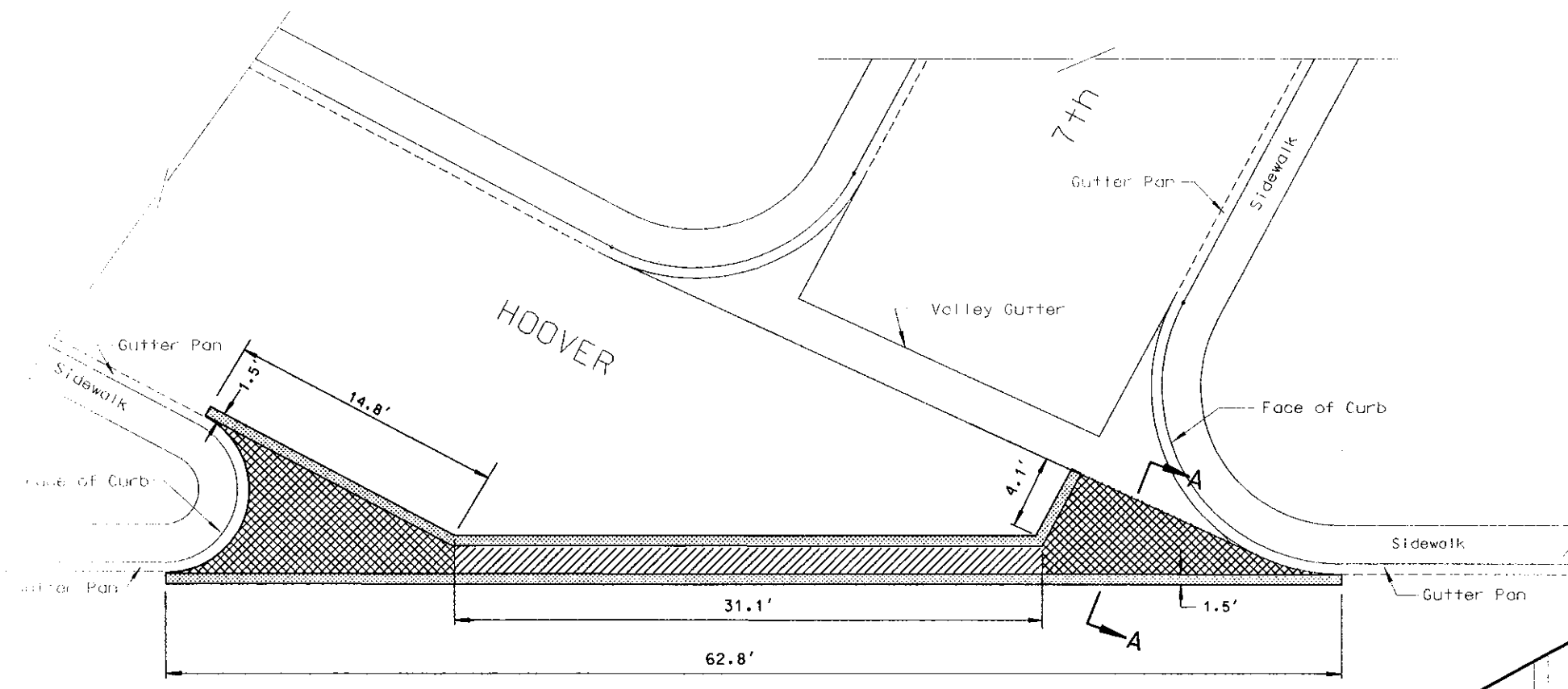
SECTION C-C  
CURB CUT RAMP (TYPE C)

EXISTING CURB HEIGHT		
	6 INCH	9 INCH
X	6"	9"
W	6'	9'

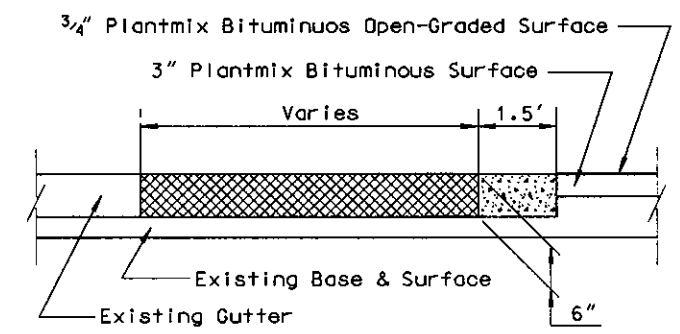
STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

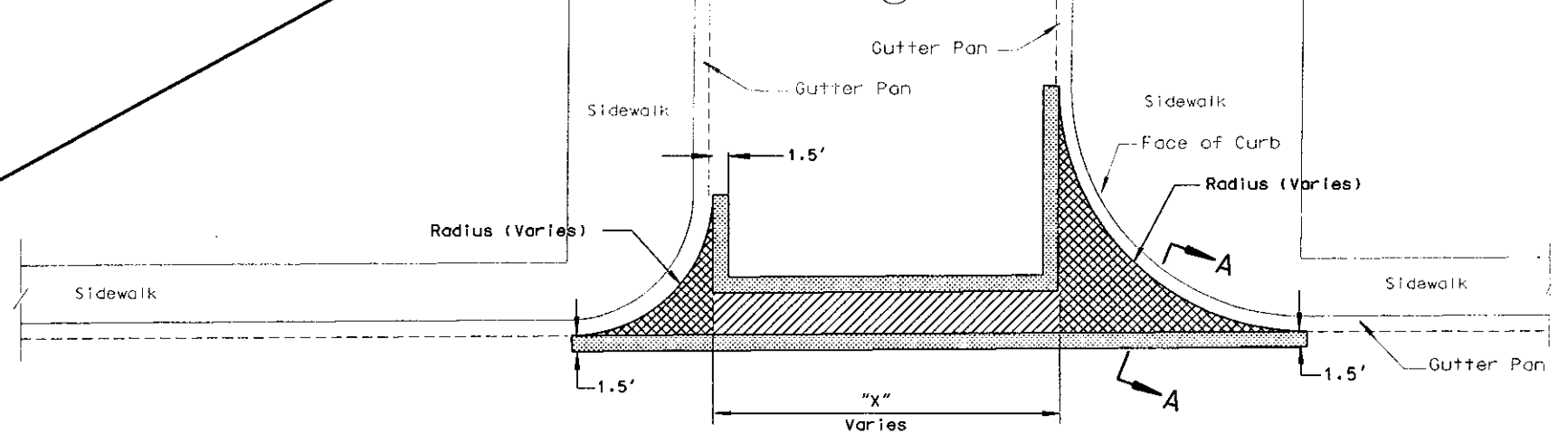
-  SPECIAL CONCRETE SLAB
-  TYPE 2 VALLEY GUTTER
-  AREAS OF PATCHING PLANTMIX BITUMINOUS SURFACE






CHARLESTON BLVD.  
7th STREET AND HOOVER STREET



SECTION OF IMPROVEMENT  
SECTION A-A

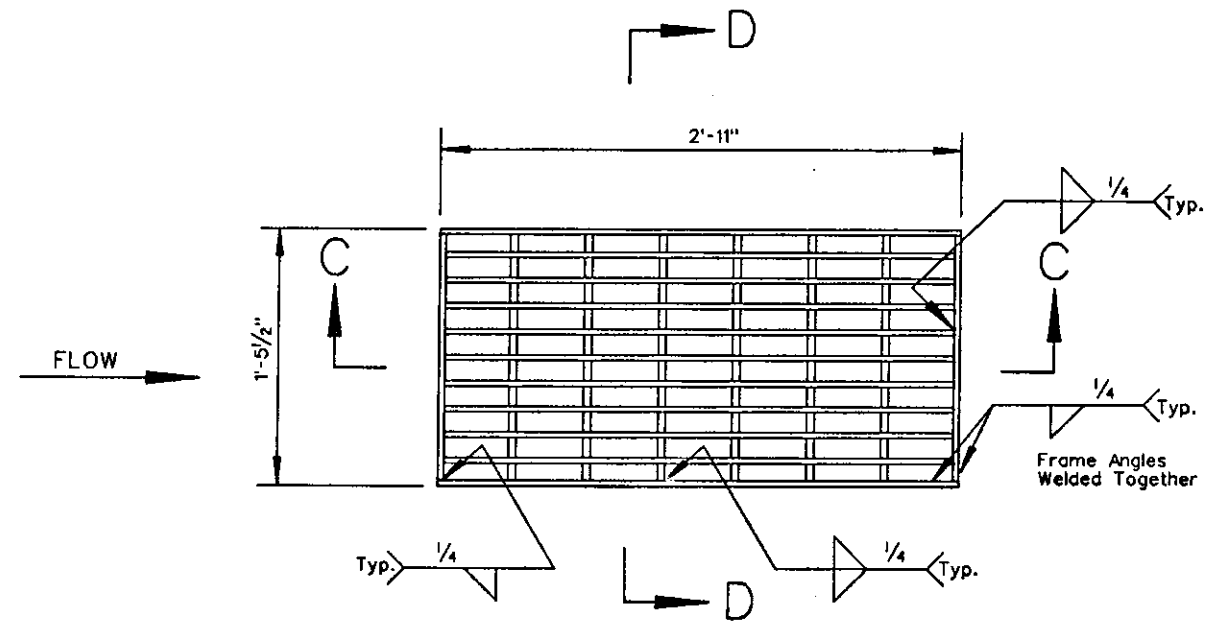


CHARLESTON BLVD.

-  SPECIAL CONCRETE SLAB
-  TYPE 2 VALLEY GUTTER
-  AREAS OF PATCHING PLANTMIX BITUMINOUS SURFACE

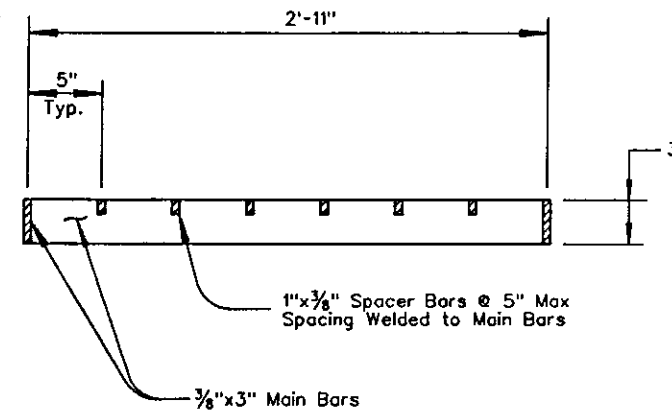
	"X"
6th STREET (SOUTH)	26.00'
6th STREET (NORTH)	52.00'
11th STREET	33.00'
13th STREET	33.00'
16th STREET	36.50'

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	15

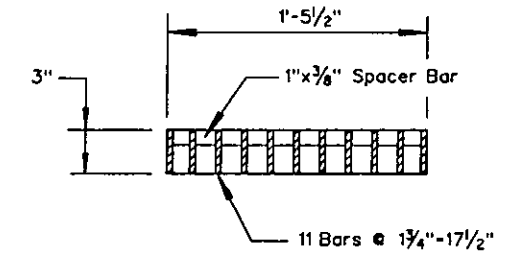


### PLAN

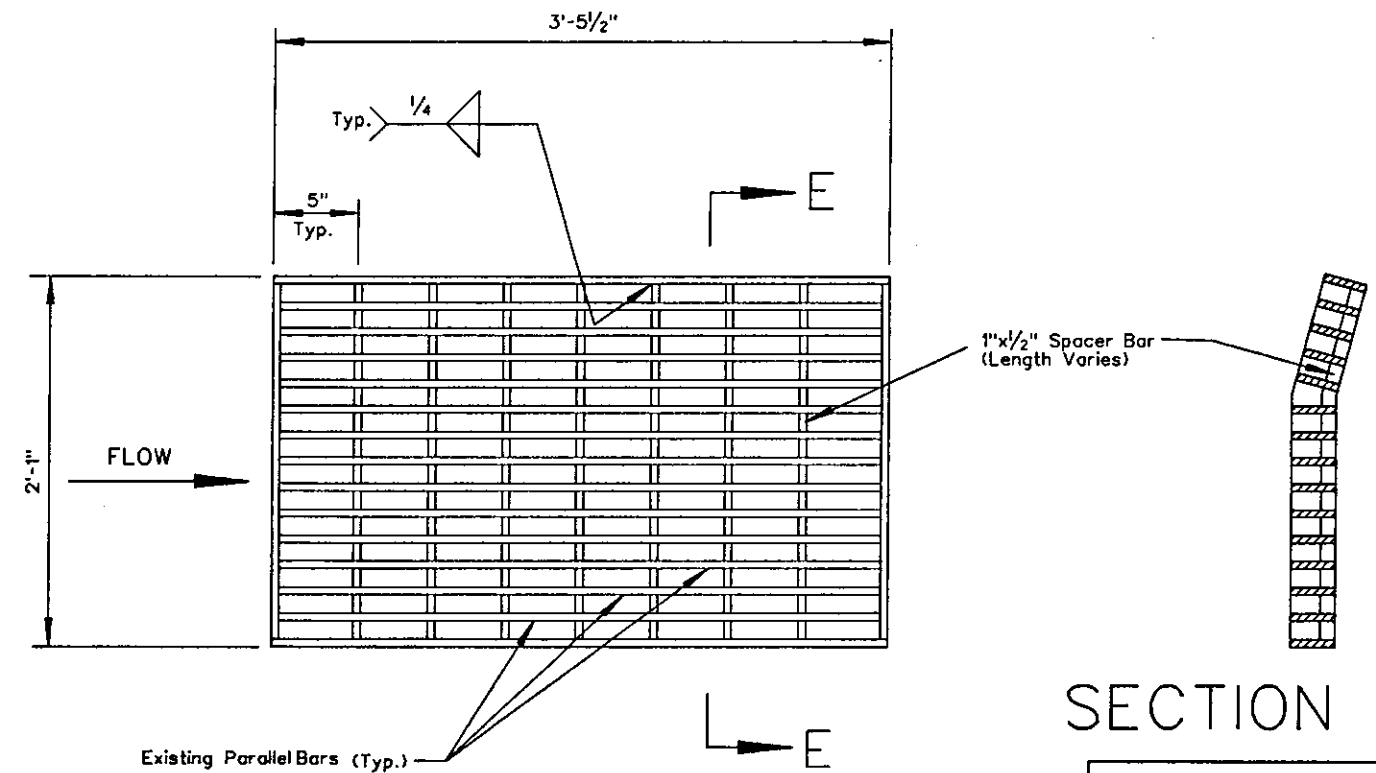
"0" 3+60.00 P.O.T. 31.5' Lt.  
 "0" 12+92.00 P.O.T. 39.5' Rt.



### SECTION C-C



### SECTION D-D



### PLAN











"0" 107+81.00 P.O.T. 49.0' Lt.

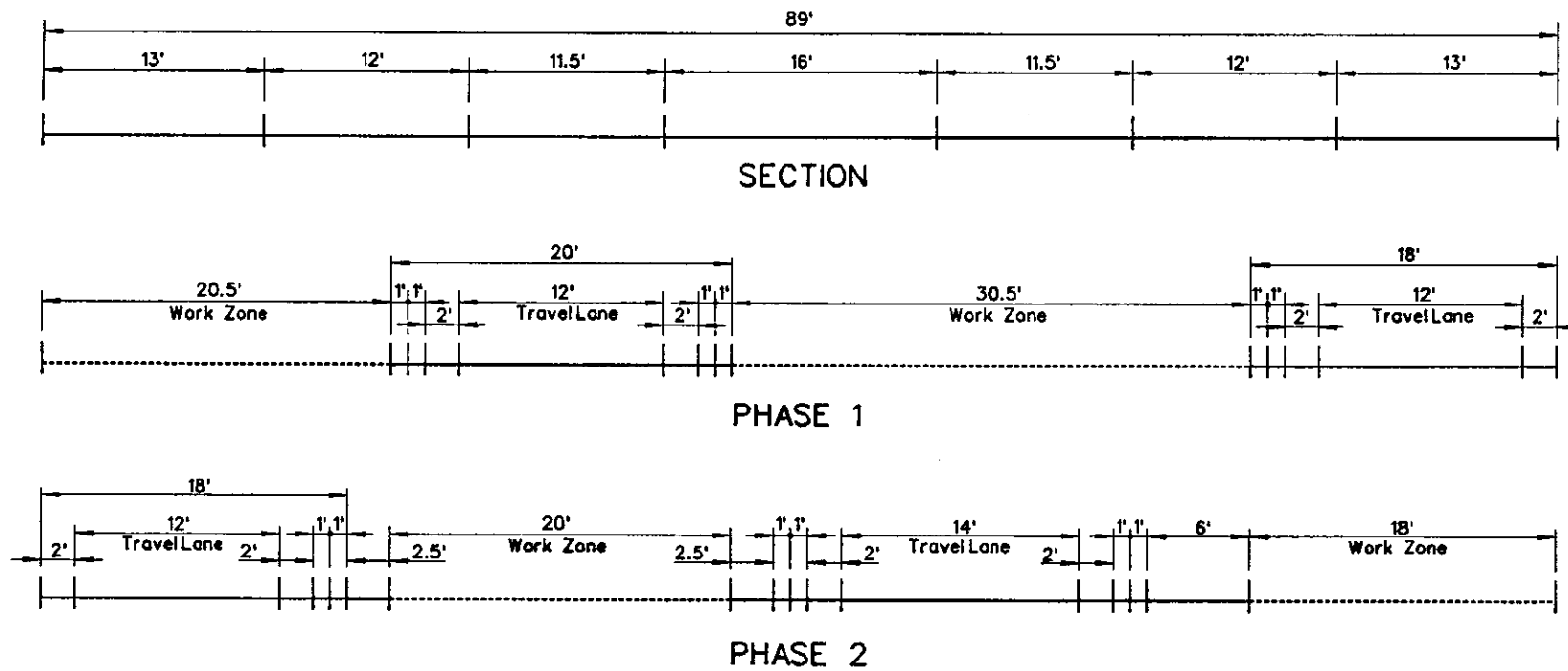
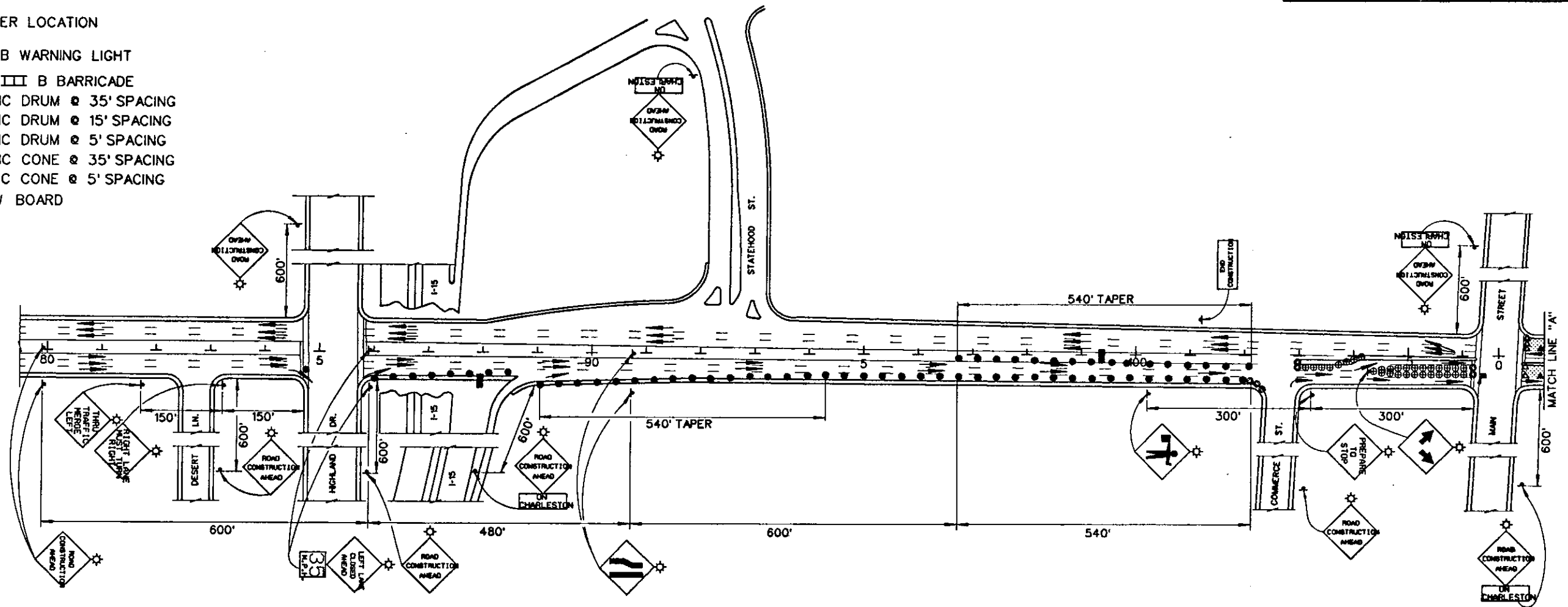
### SECTION E-E

STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-

-  - WORK AREA
-  - FLAGGER LOCATION
-  - TYPE B WARNING LIGHT
-  - TYPE III B BARRICADE
-  - TRAFFIC DRUM @ 35' SPACING
-  - TRAFFIC DRUM @ 15' SPACING
-  - TRAFFIC DRUM @ 5' SPACING
-  - TRAFFIC CONE @ 35' SPACING
-  - TRAFFIC CONE @ 5' SPACING
-  - ARROW BOARD

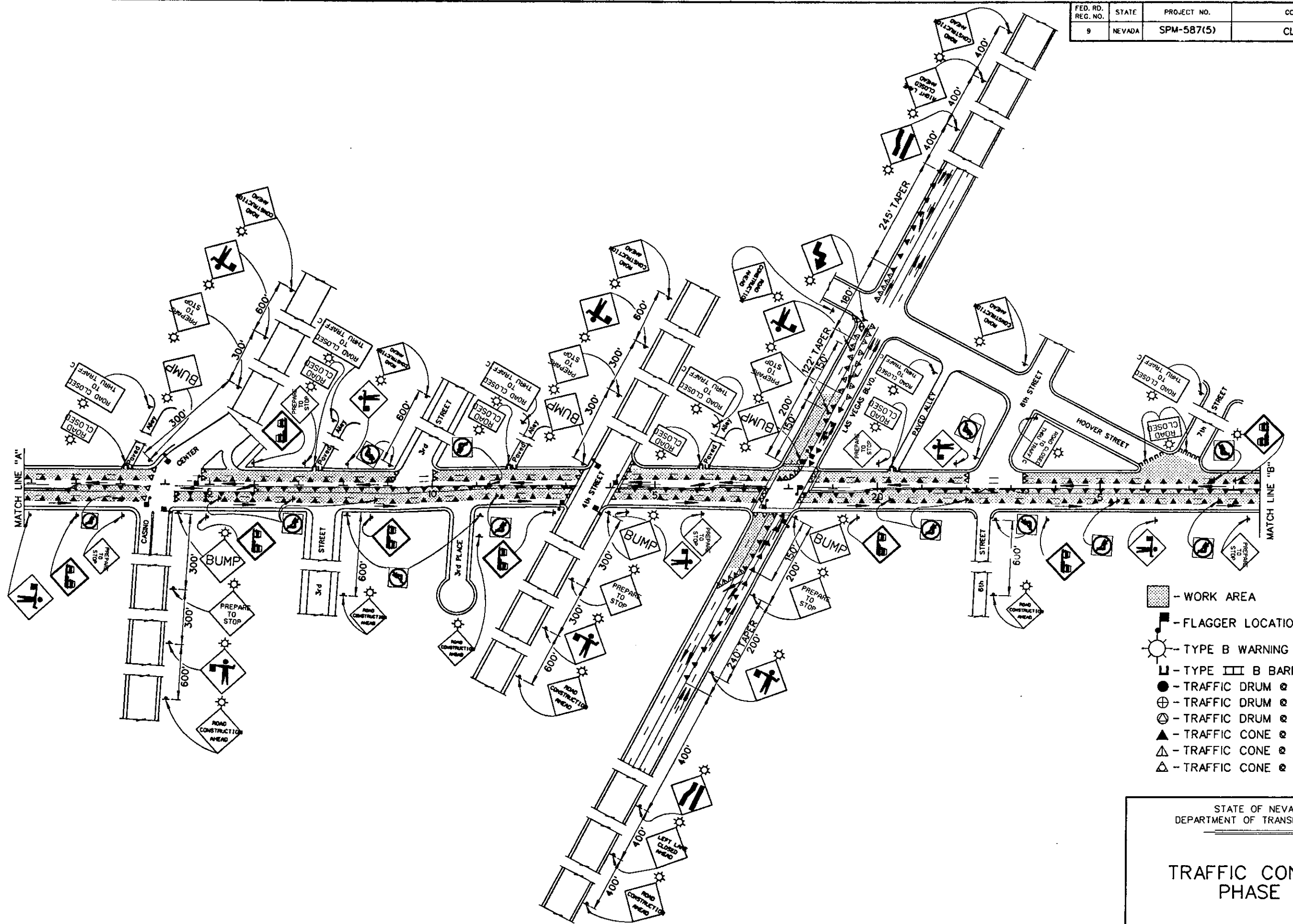


STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

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**TRAFFIC CONTROL  
PHASE 1**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-



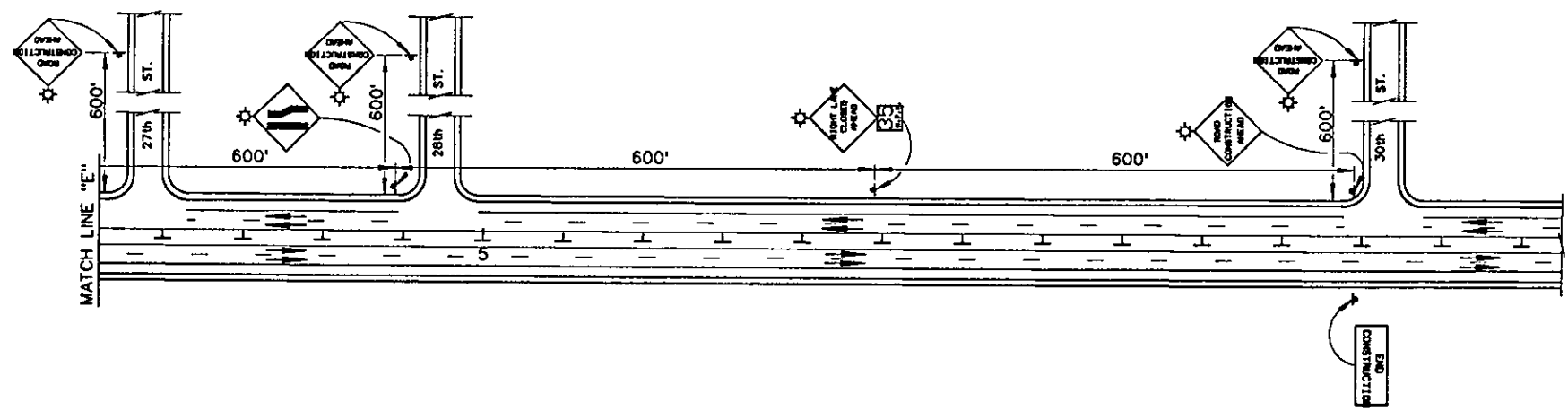
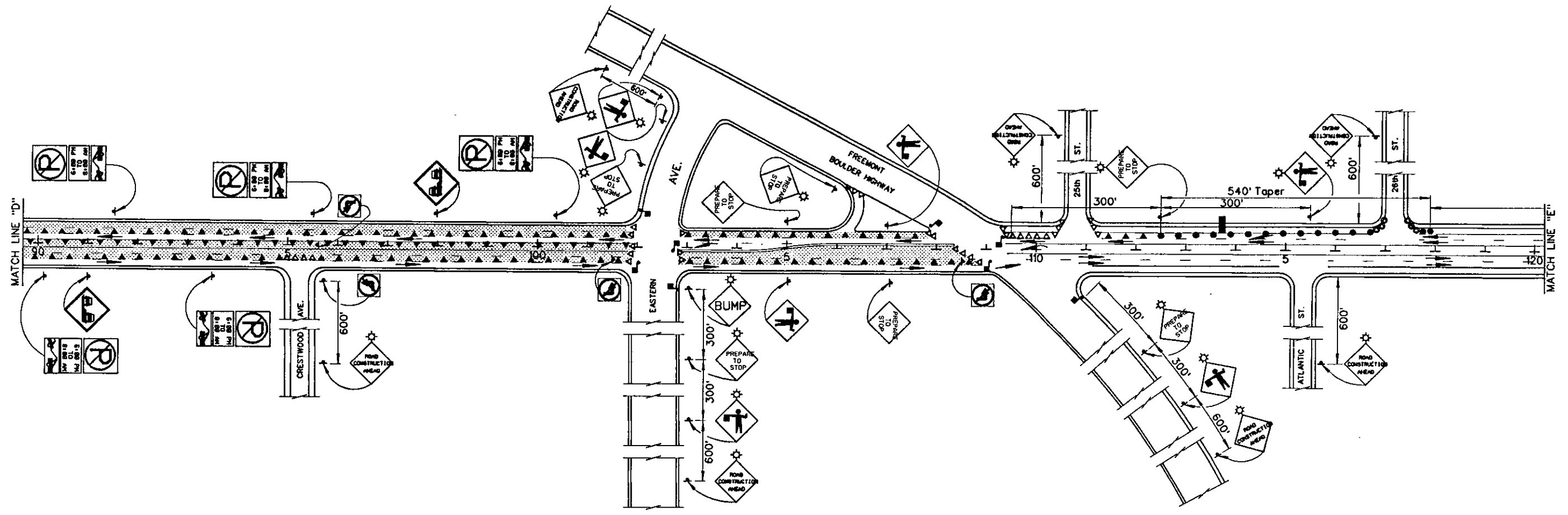
- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 15' SPACING
- TRAFFIC CONE @ 5' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
PHASE 1**



FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-4

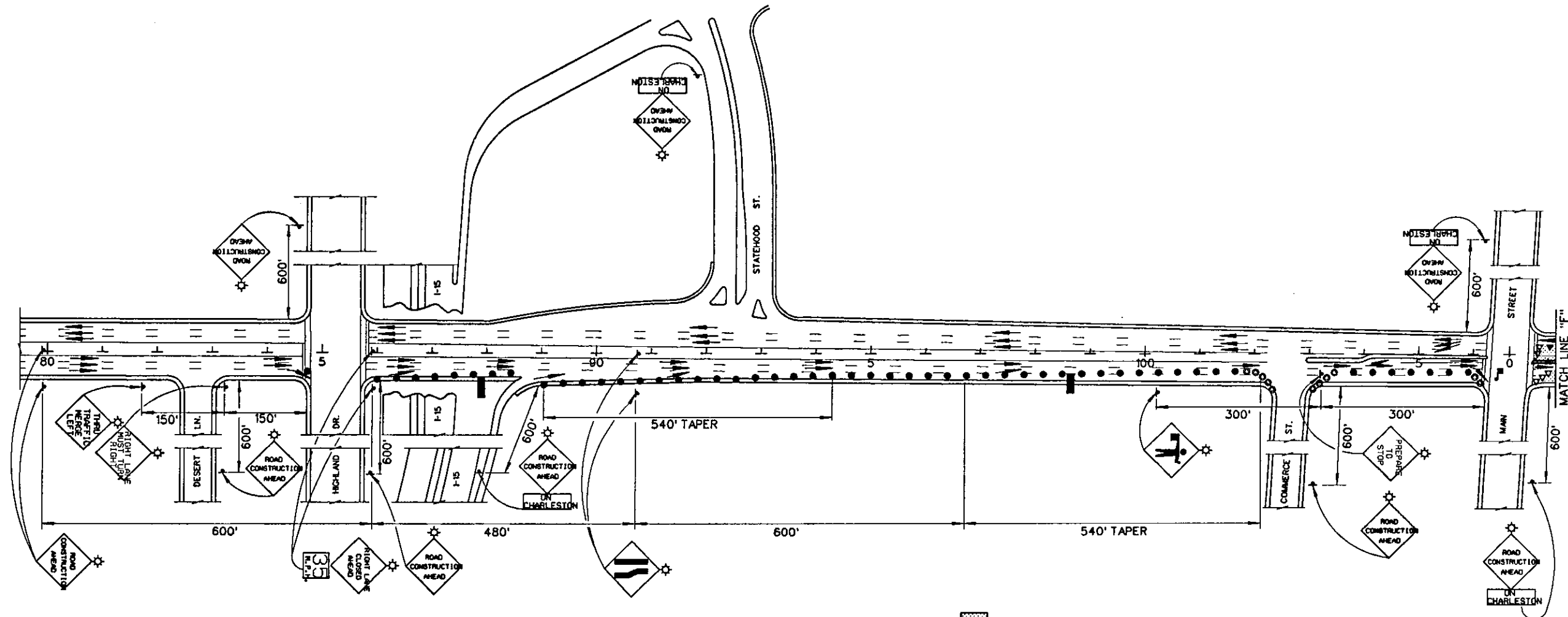


- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING
- ARROW BOARD

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
PHASE 1**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-5



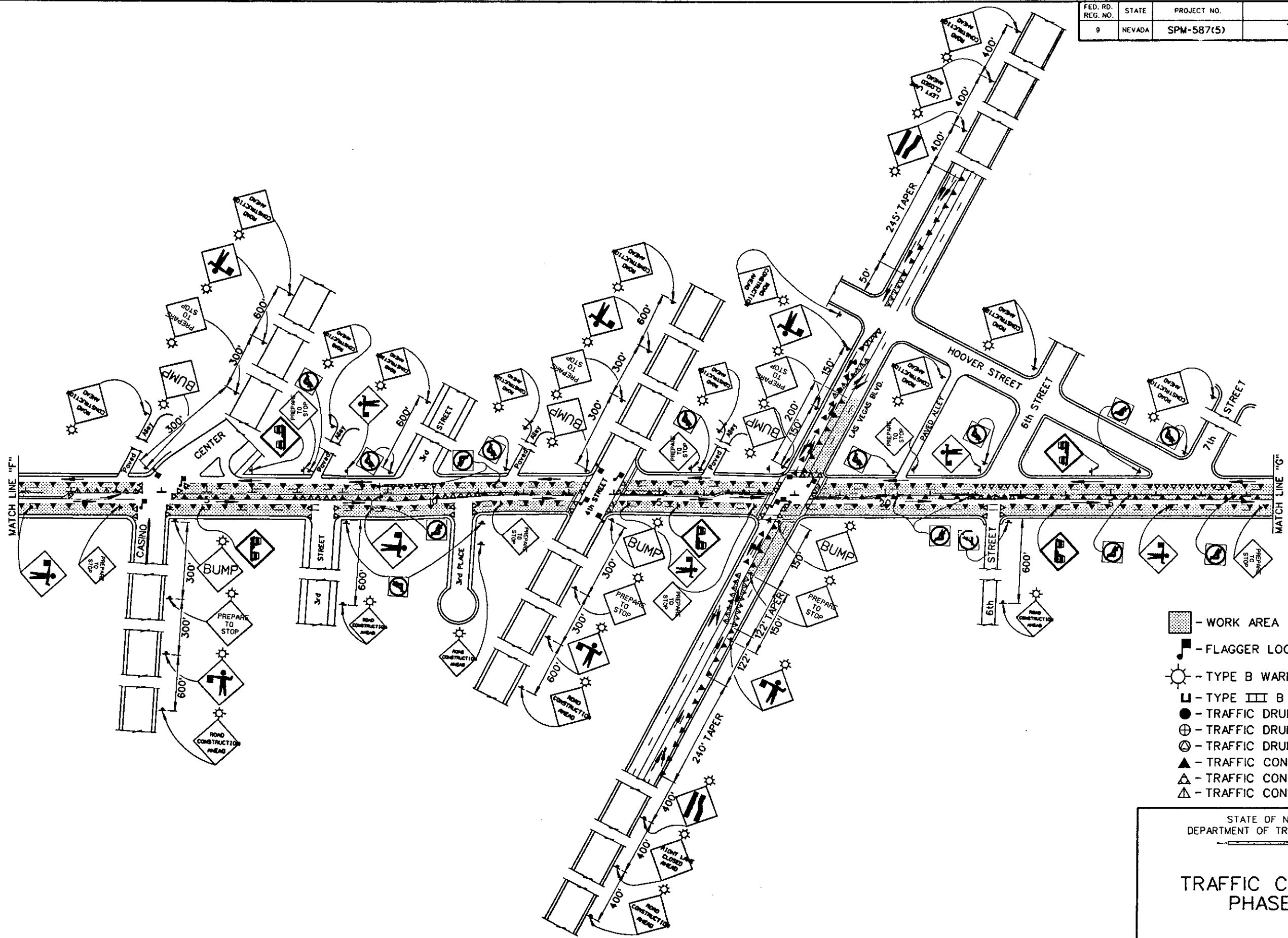
- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING
- ARROW BOARD

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

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**TRAFFIC CONTROL  
PHASE 2**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-6

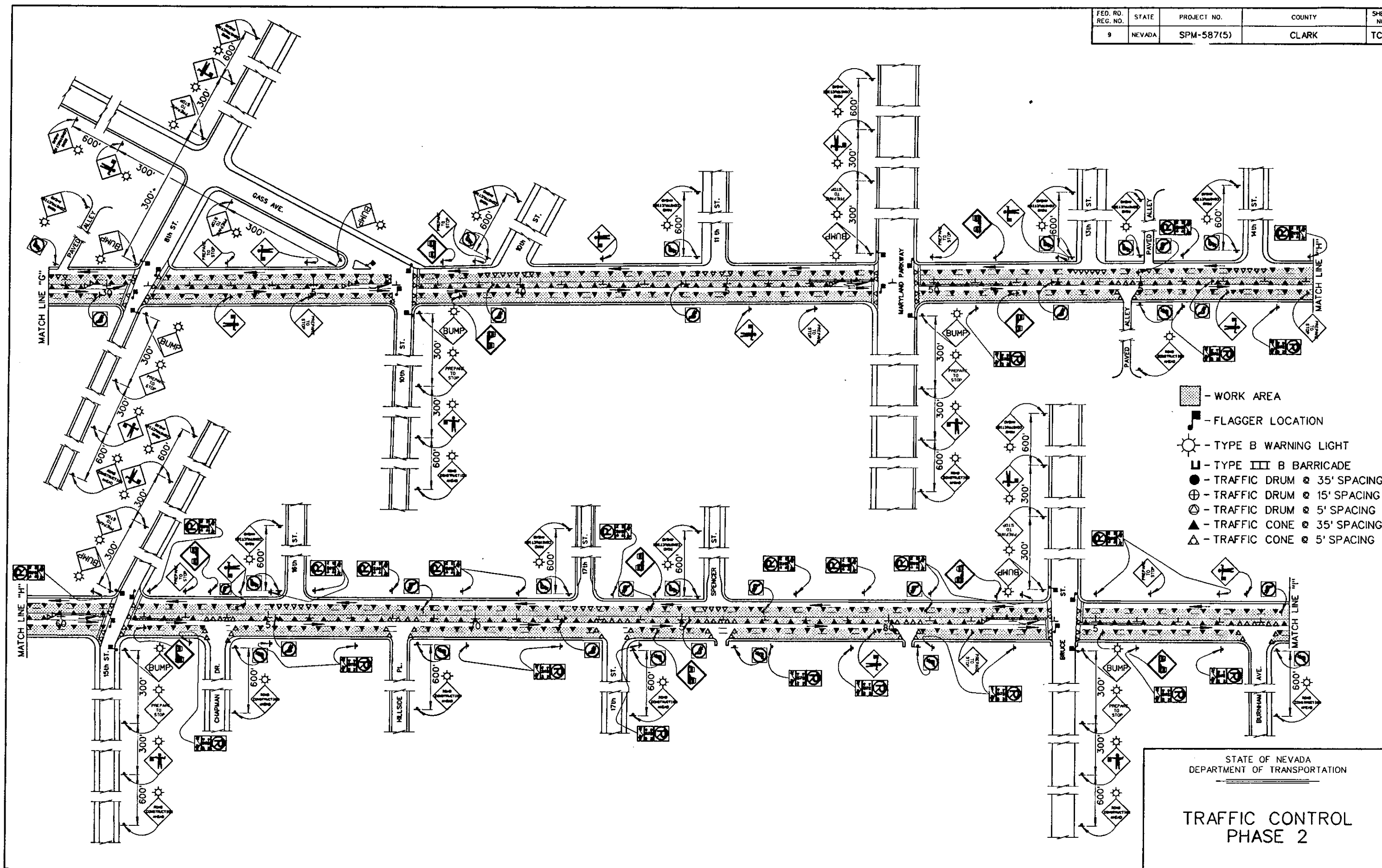


- ▨ - WORK AREA
- ♩ - FLAGGER LOCATION
- ☀ - TYPE B WARNING LIGHT
- ⊔ - TYPE III B BARRICADE
- - TRAFFIC DRUM @ 35' SPACING
- ⊕ - TRAFFIC DRUM @ 15' SPACING
- ⊗ - TRAFFIC DRUM @ 5' SPACING
- ▲ - TRAFFIC CONE @ 35' SPACING
- △ - TRAFFIC CONE @ 5' SPACING
- ◀ - TRAFFIC CONE @ 15' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
PHASE 2**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-

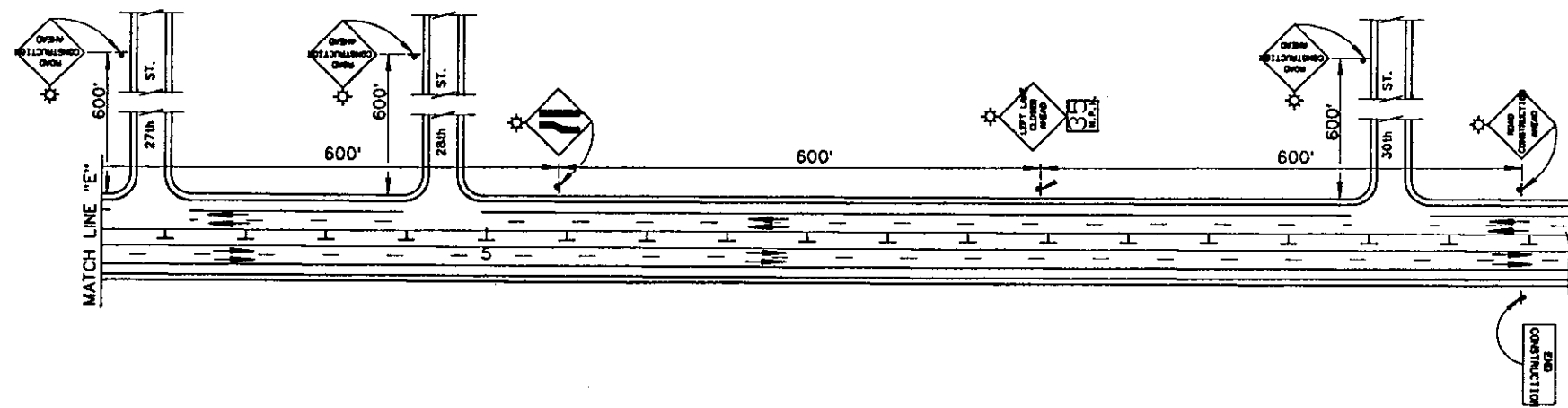
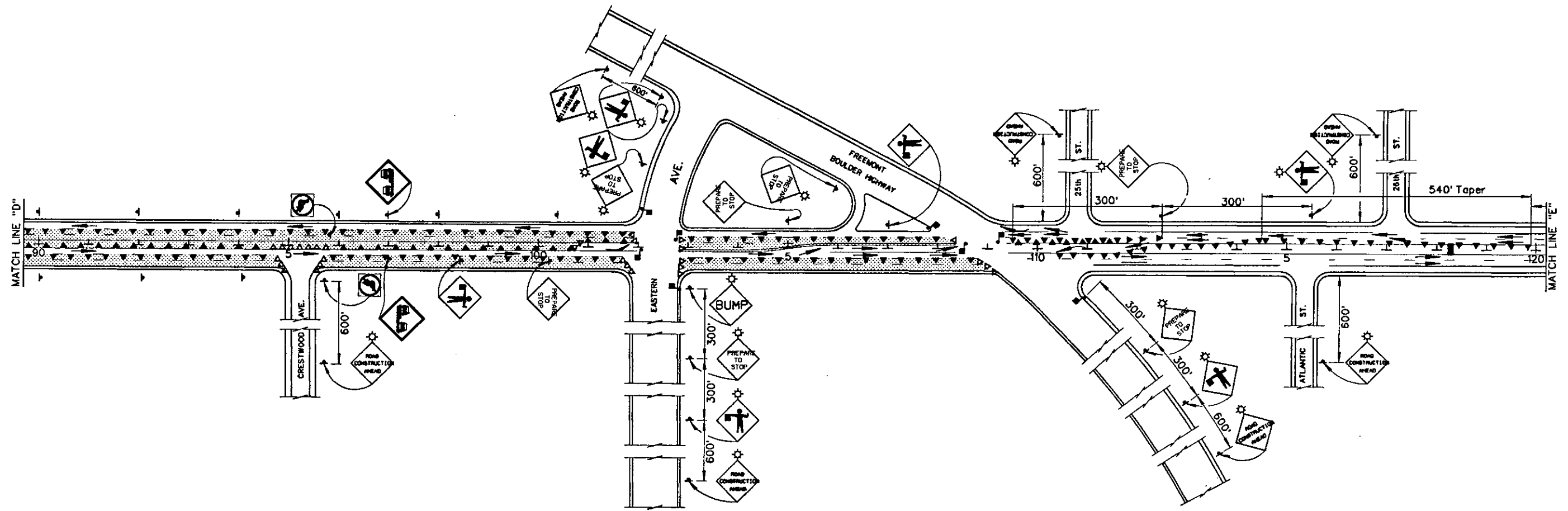


- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
PHASE 2**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-8

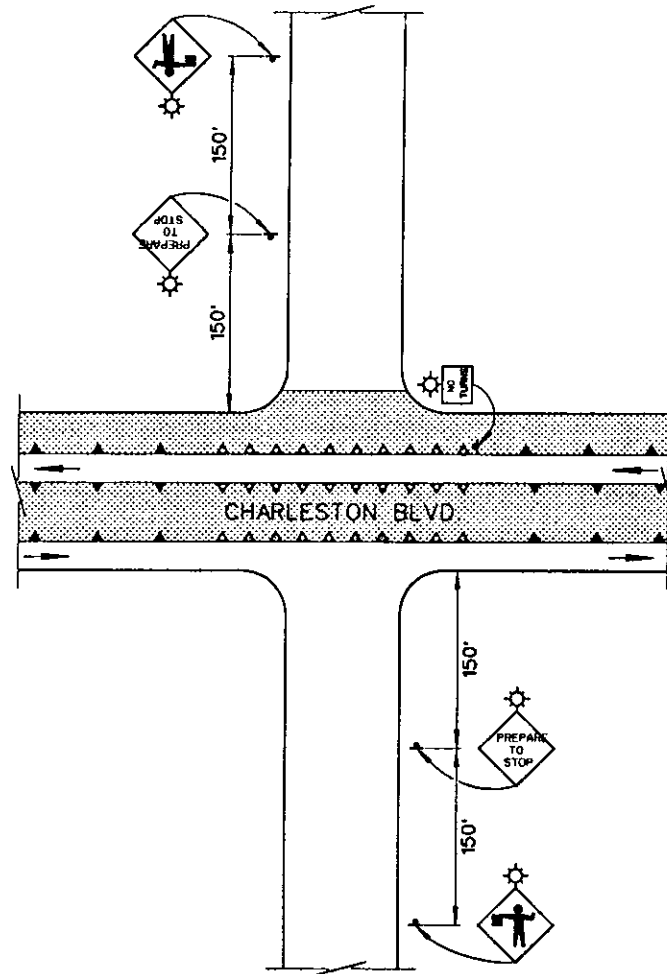


- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING
- ARROW BOARD

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

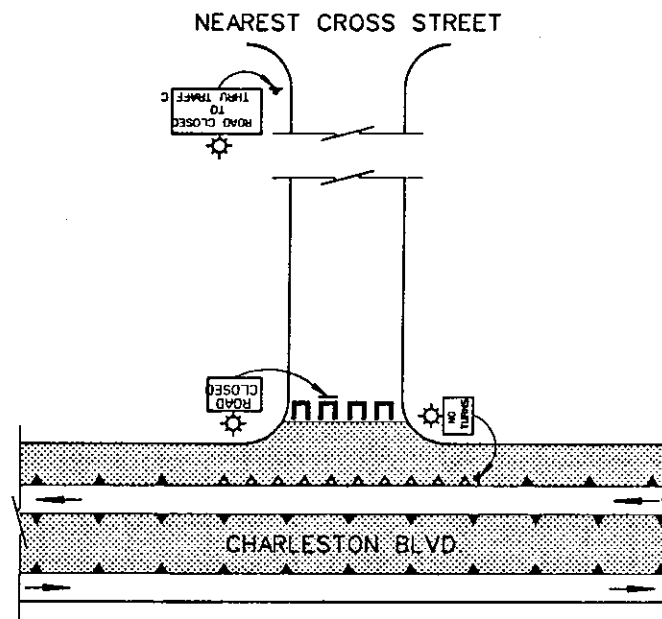
TRAFFIC CONTROL  
PHASE 2

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-9



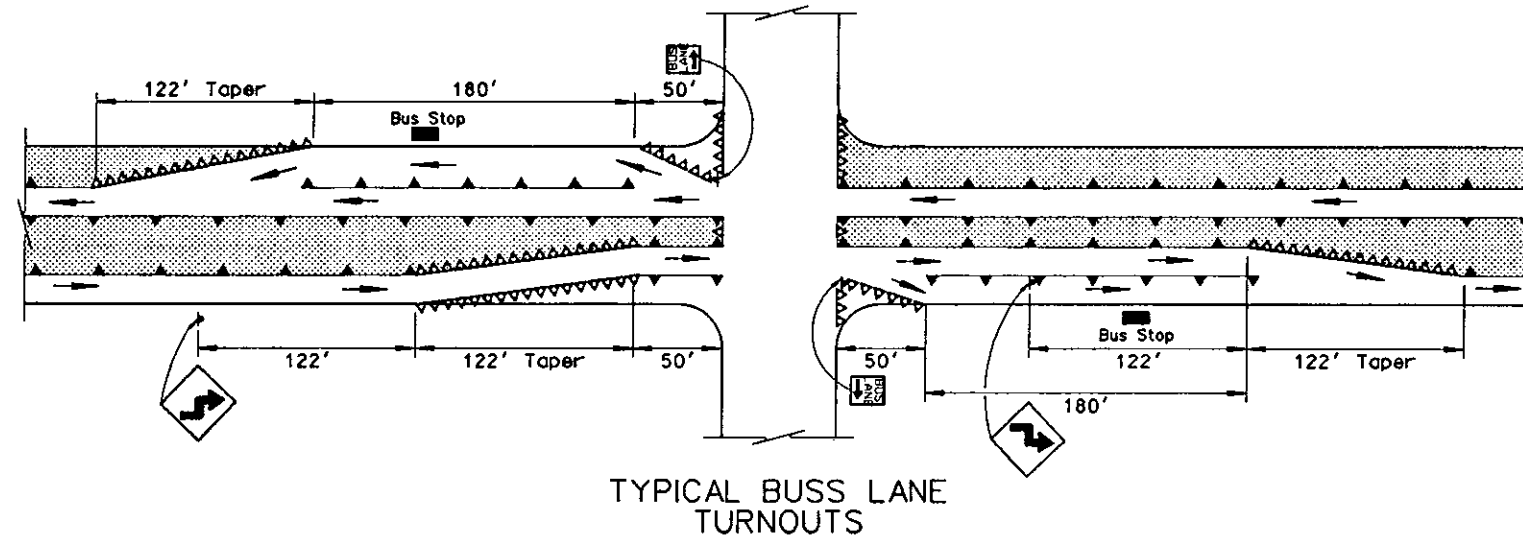
TYPICAL FLAGGER CONTROLLED INTERSECTION

- Casino Center Blvd.
- 4th Street
- Las Vegas Blvd.
- 8th Street
- 10th Street @ Gass Ave.
- Maryland Parkway
- 15th Street
- Bruce Street
- Eastern Avenue



TYPICAL NON-FLAGGER CONTROLLED INTERSECTION

- |                |                  |
|----------------|------------------|
| PHASE 1        | PHASE 2          |
| 3rd Street     | 3rd Street       |
| 6th Street     | 6th Street       |
| 10th Street    | Chapman Drive    |
| 11th Street    | Hillside Place   |
| 13th Street    | 17th Street      |
| 14th Street    | Burnham Avenue   |
| 16th Street    | Crestwood Avenue |
| 17th Street    |                  |
| Spencer Street |                  |



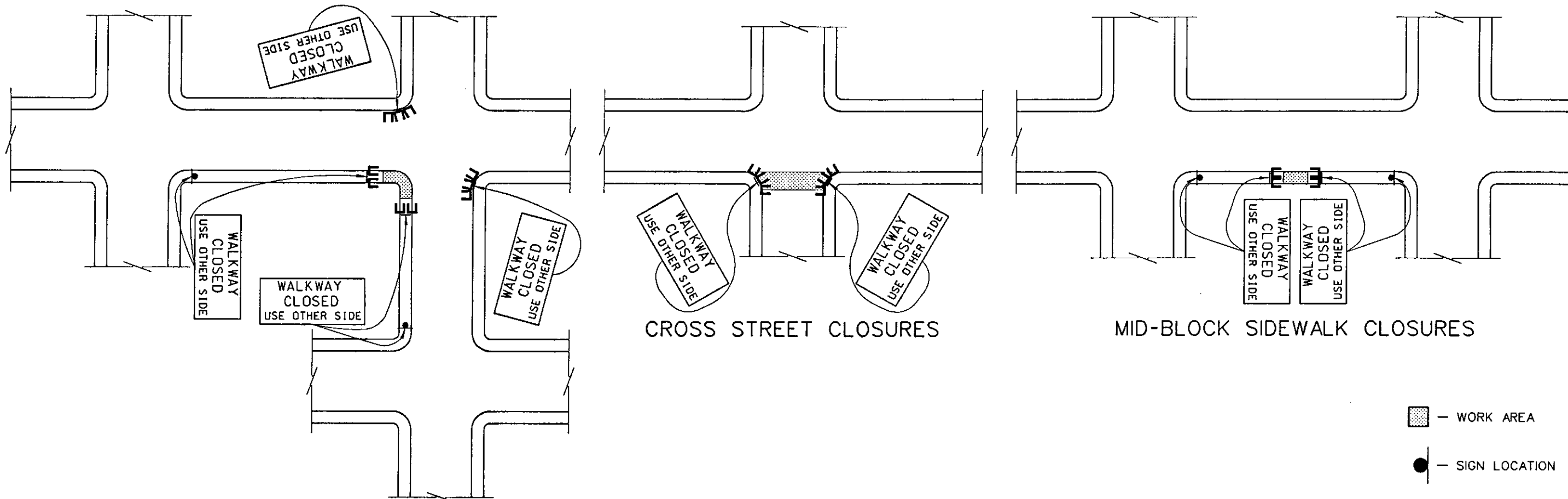
TYPICAL BUSS LANE TURNOUTS

- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL  
TYPICAL DETAILS




FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-1

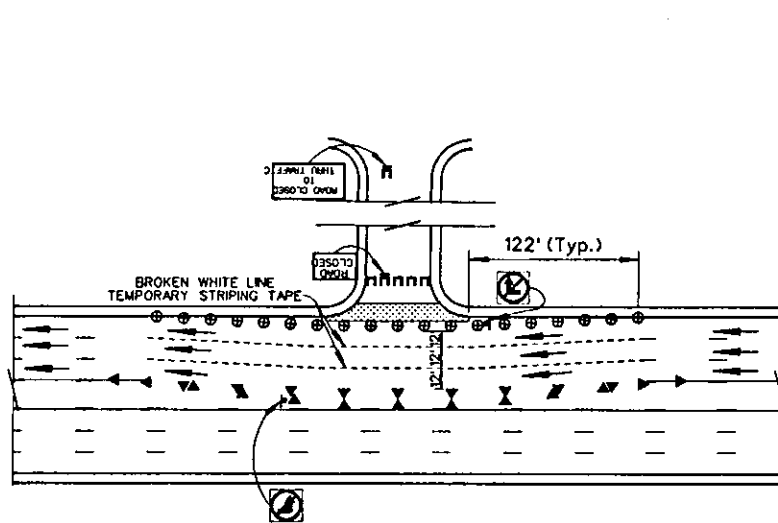


CORNER SIDEWALK CLOSURES

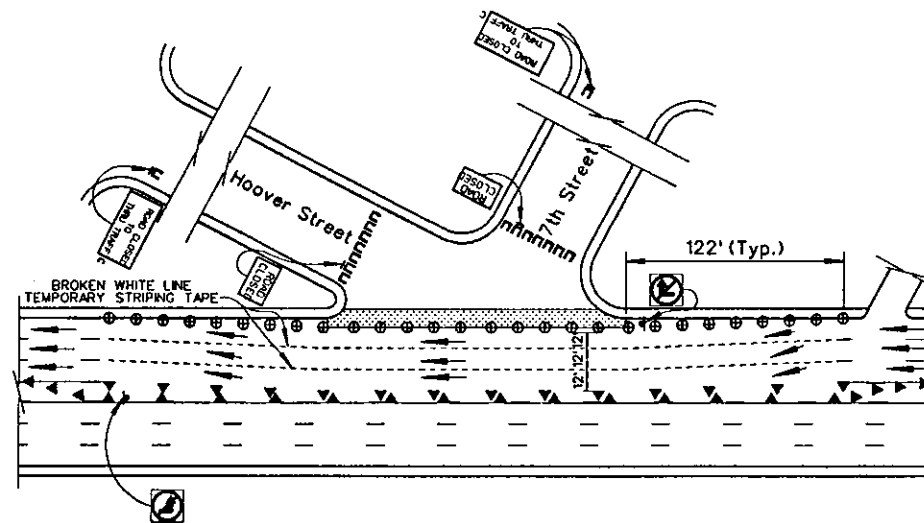
CROSS STREET CLOSURES

MID-BLOCK SIDEWALK CLOSURES





-  - WORK AREA
-  - SIGN LOCATION
-  - TYPE 2 BARRICADE



VALLEY GUTTER  
TYPICAL FOR  
11th STREET, 13th STREET & 16th STREET



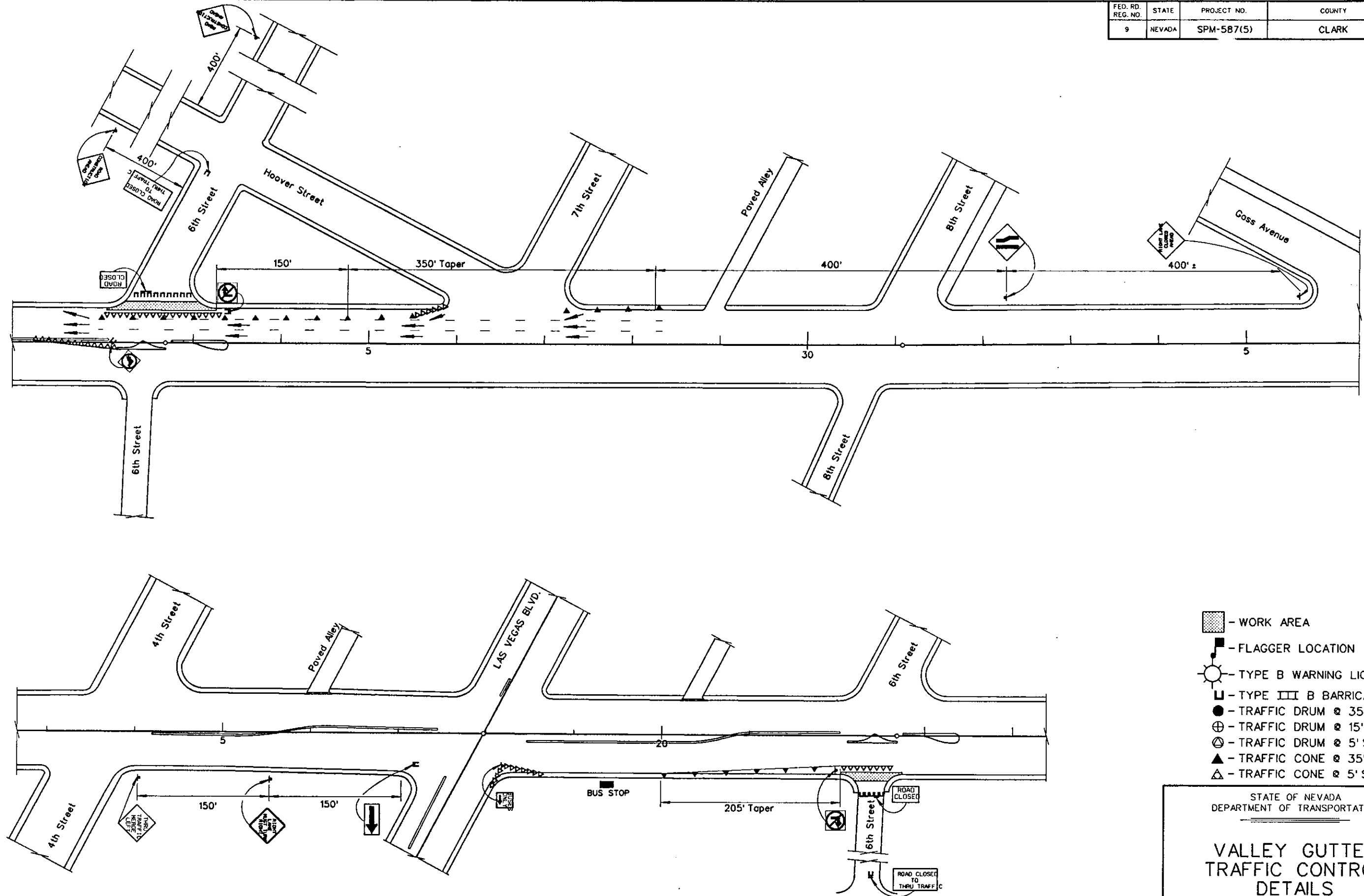
VALLEY GUTTER AT  
HOOVER STREET & 7th STREET

-  - WORK AREA
-  - TYPE III B BARRICADE
-  - TRAFFIC DRUM @ 15' SPACING
-  - TRAFFIC CONE @ 35' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
PEDESTRIAN  
&  
VALLEY GUTTERS**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	TC-11



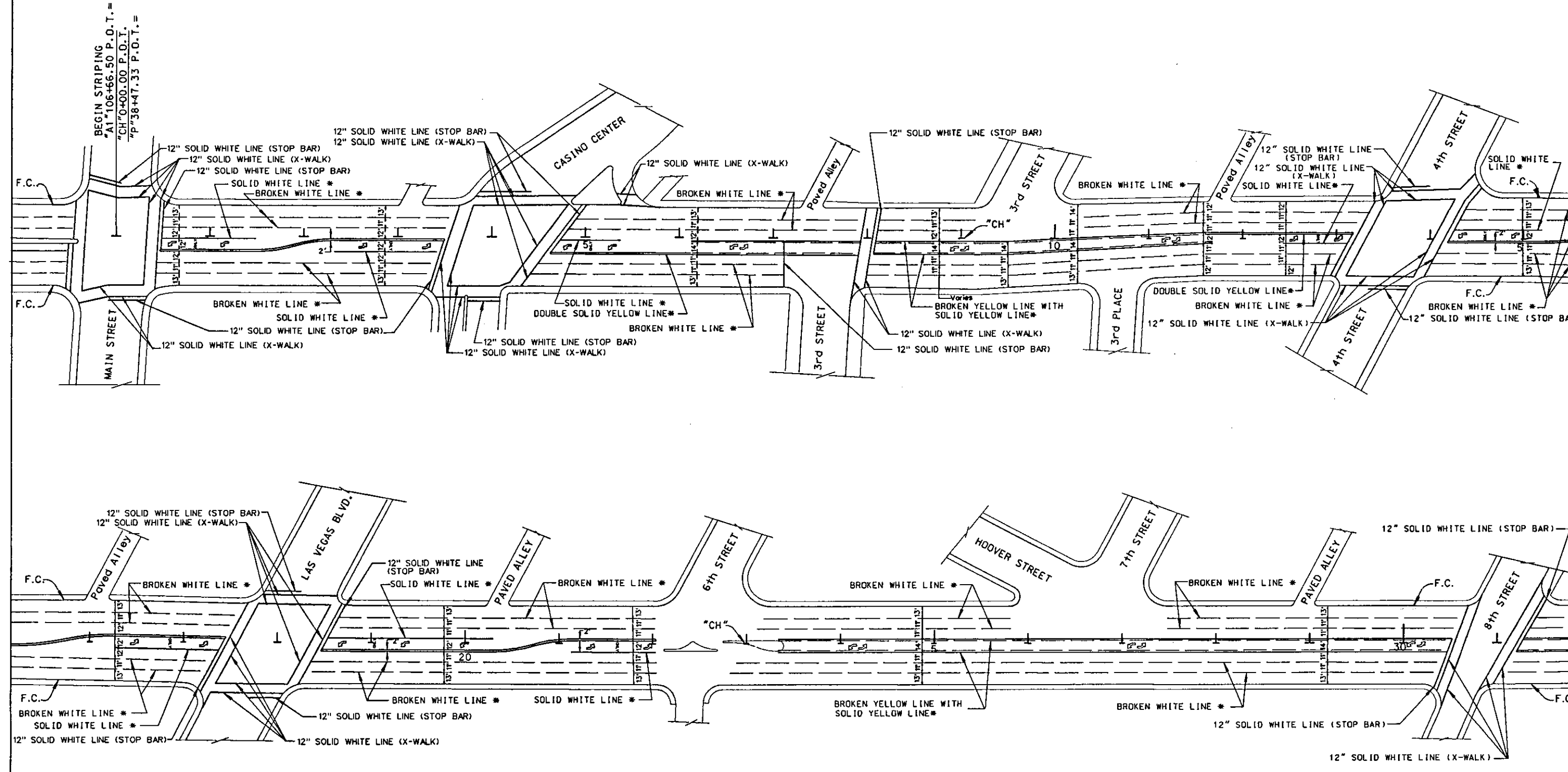
- WORK AREA
- FLAGGER LOCATION
- TYPE B WARNING LIGHT
- TYPE III B BARRICADE
- TRAFFIC DRUM @ 35' SPACING
- TRAFFIC DRUM @ 15' SPACING
- TRAFFIC DRUM @ 5' SPACING
- TRAFFIC CONE @ 35' SPACING
- TRAFFIC CONE @ 5' SPACING

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**VALLEY GUTTER  
TRAFFIC CONTROL  
DETAILS**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	ST-1

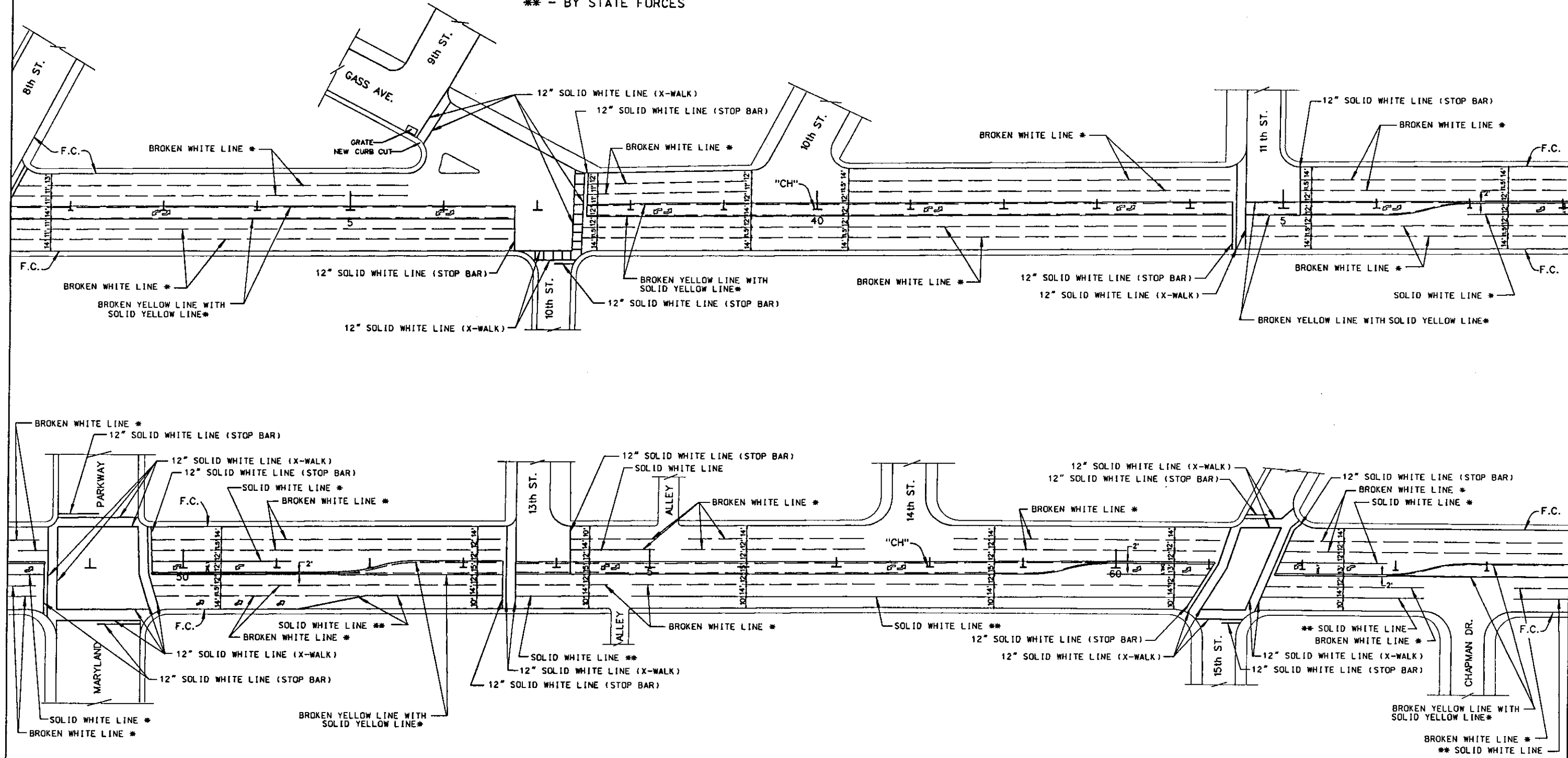
\* - RAISED PAVEMENT MARKERS  
 (SEE SHT. T 37.1.1 ) STANDARD PLANS  
 FOR ROAD & BRIDGE CONSTRUCTION (FEB.1993)



STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION  
**PERMANENT STRIPING**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	ST-2

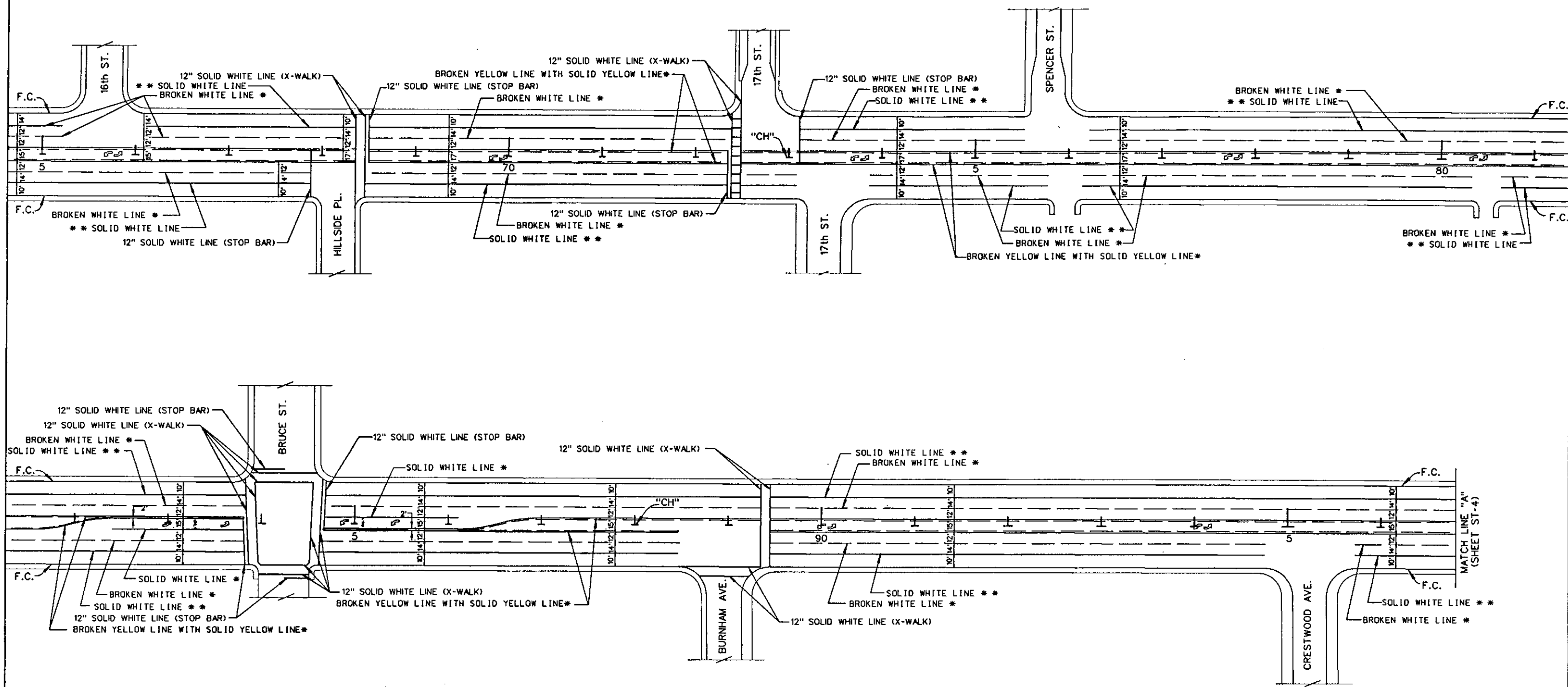
\* - RAISED PAVEMENT MARKERS  
 (SEE SHT. T 37.1.1 ) STANDARD PLANS  
 FOR ROAD & BRIDGE CONSTRUCTION (FEB.1993)  
 \*\* - BY STATE FORCES



STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION  
 PERMANENT STRIPING

FED. RD. REC. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	ST-3

\* - RAISED PAVEMENT MARKERS  
 (SEE SHT. T 37.1.1 ) STANDARD PLANS  
 FOR ROAD & BRIDGE CONSTRUCTION (FEB.1993)  
 \*\* - BY STATE FORCES

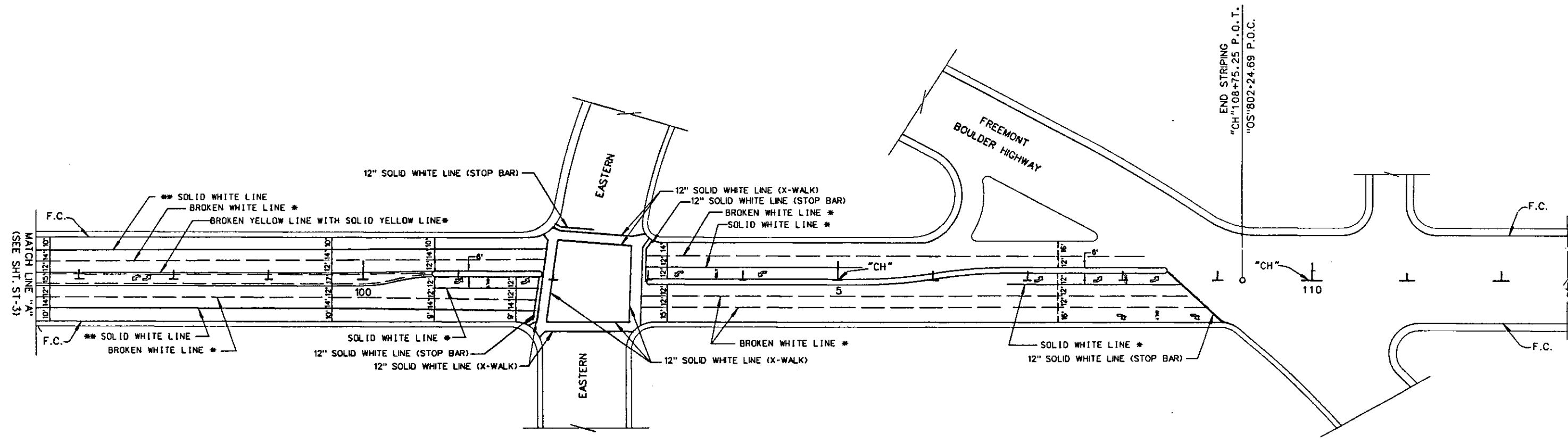


STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION  
 PERMANENT STRIPING

FED. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	ST-4

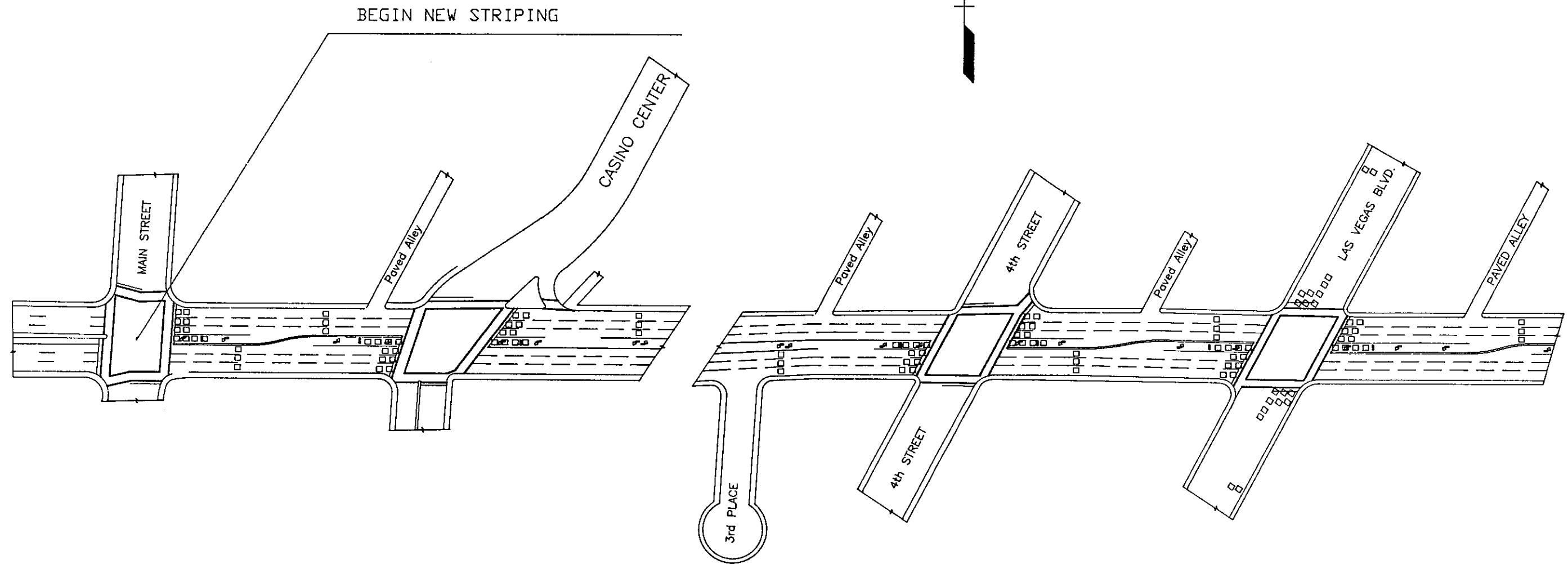
\* - RAISED PAVEMENT MARKERS  
 (SEE SHT. T 37.1.1 ) STANDARD PLANS  
 FOR ROAD & BRIDGE CONSTRUCTION (FEB.1993)

\*\* - BY STATE FORCES



STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION

**PERMANENT STRIPING**



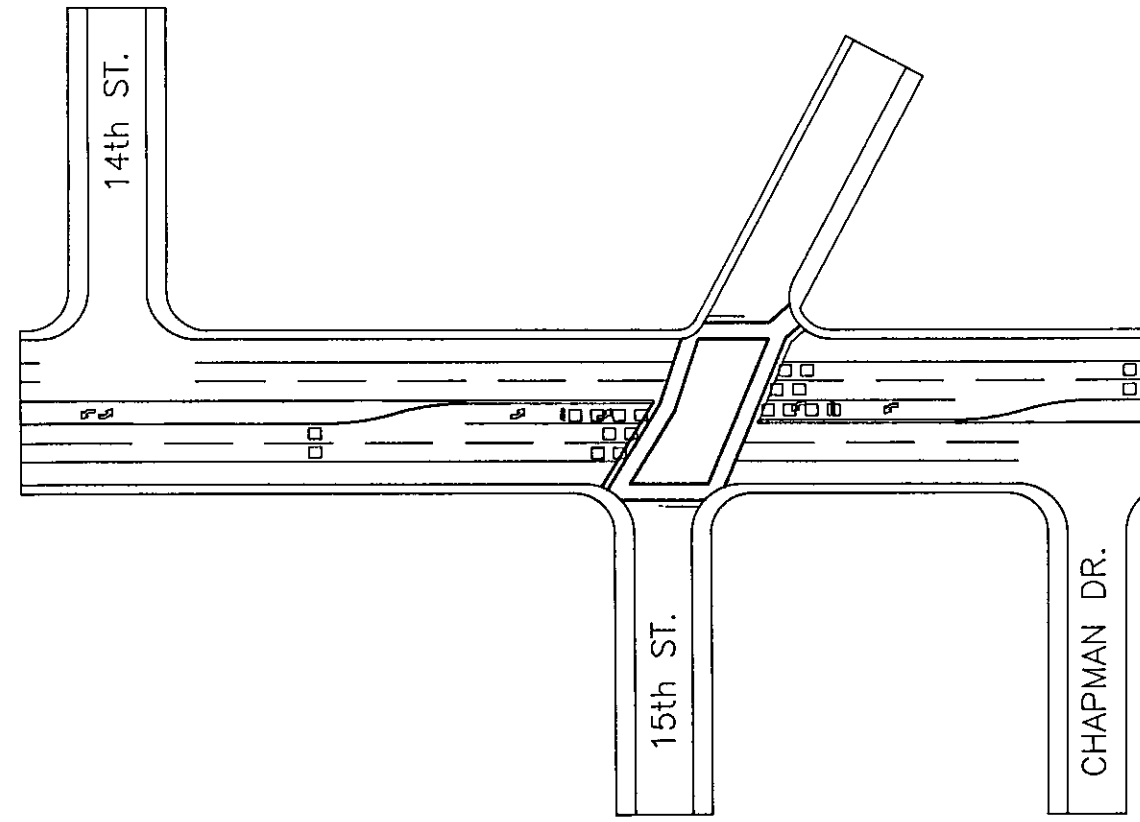
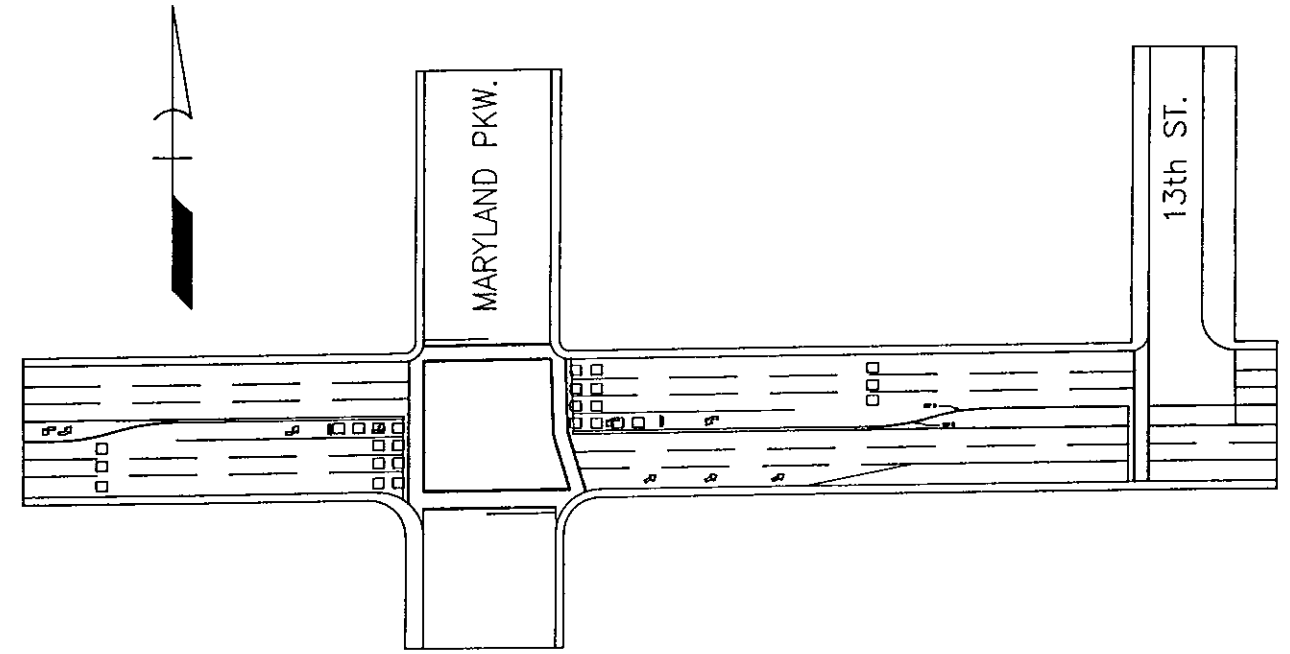
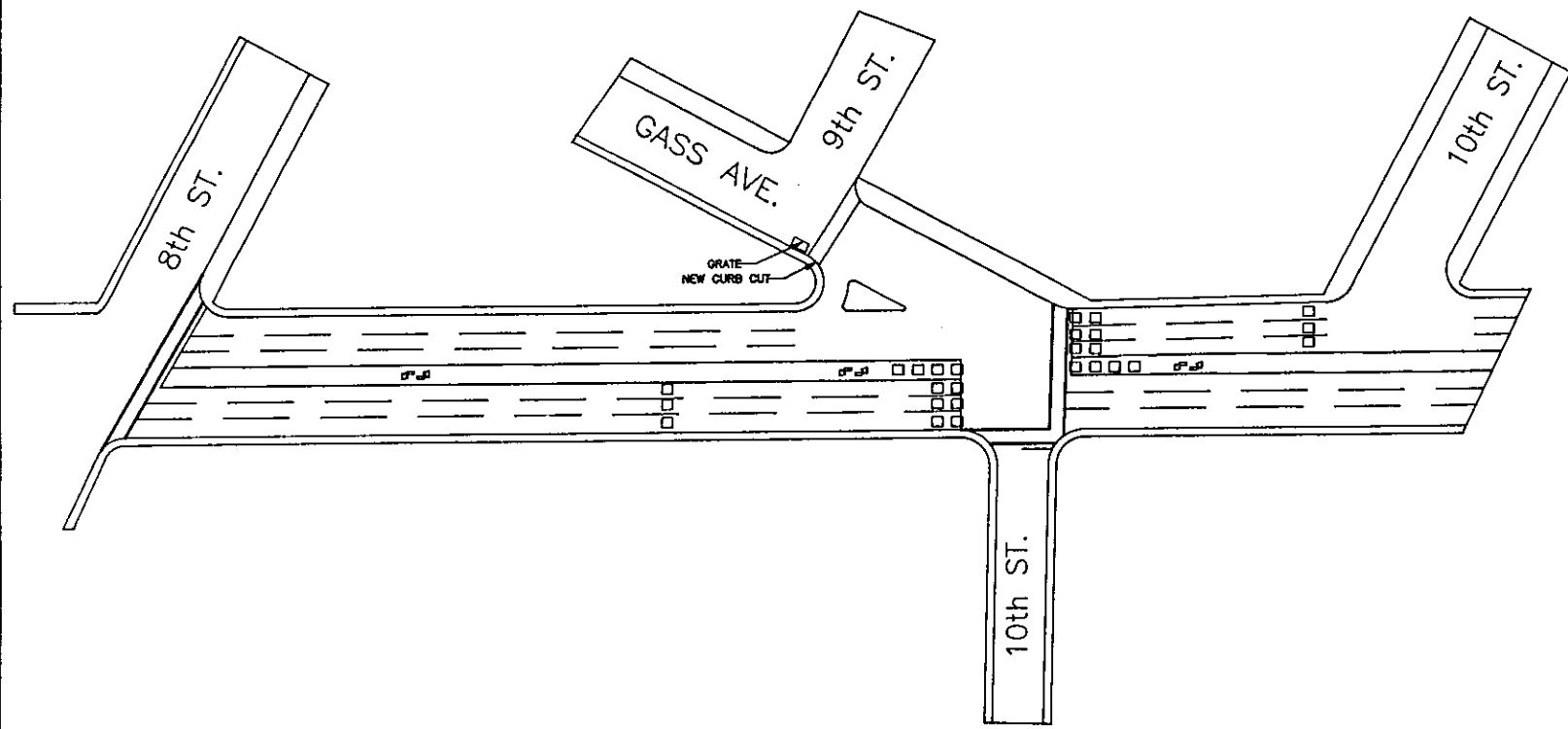
**LOOP DETECTOR NOTES:**

1. LOOP DETECTOR CABLE SHALL BE ONE TWISTED PAIR OF NO. 14 AWG CABLE, I.M.S.A. SPEC 19-2, BELDON 8720 OR APPROVED EQUAL.
2. ALL LOOPS WILL BE DISCONNECTED FROM THE LEAD IN CABLE AT THE PULL BOX PRIOR TO GRINDING.
3. CITY OF LAS VEGAS SHALL BE NOTIFIED 48 HRS PRIOR TO DISCONNECTING LOOPS TO ALLOW FOR SIGNAL TIMING CHANGES.
4. NEW LOOPS SHALL BE LOCATED APPROXIMATELY AT THE CURRENT LOCATION AND CONNECTED TO THE CORRESPONDING LEAD IN CABLE IN THE EXISTING PULL BOX.
5. ALL LOOP DETECTORS SHALL BE 6'X 6' AS SHOWN IN STD. PLAN SHEET T-30.1.4 (LATEST EDITION).
6. ALL LOOP DETECTORS SHALL BE ENCASED IN FLEXIBLE VINYL TUBING AS DESCRIBED IN THE SPECIAL PROVISIONS.

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**CHARELSTON  
LOOP DETECTORS**

FED. RD. REG. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	T-2

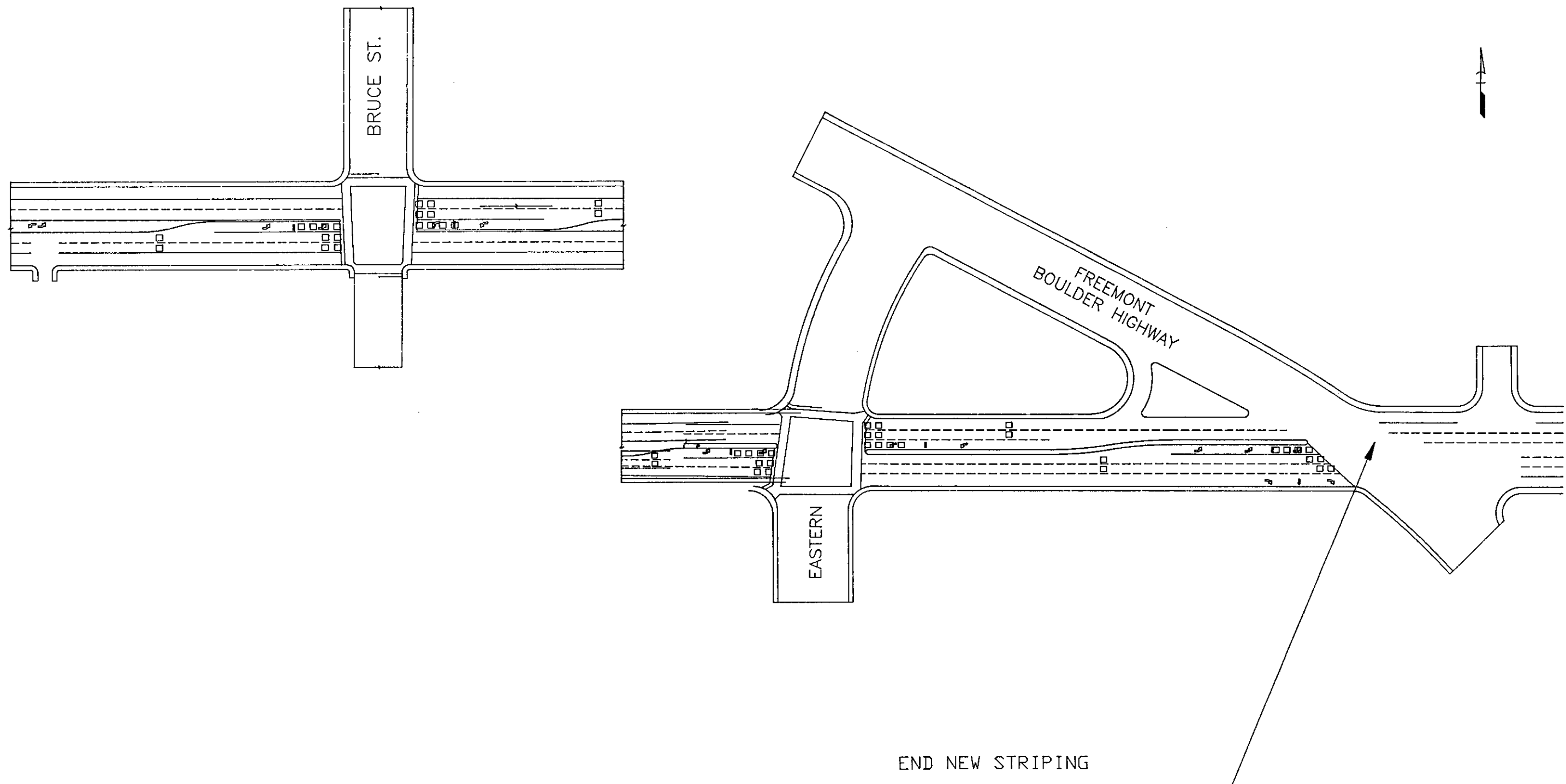
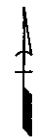


STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION

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CHARLESTON  
 LOOP DETECTORS

FED. PROJ. NO.	STATE	PROJECT NO.	COUNTY	SHEET NO.
9	NEVADA	SPM-587(5)	CLARK	T-3



STATE OF NEVADA  
 DEPARTMENT OF TRANSPORTATION

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CHARLESTON  
 DETECTOR LOOPS

# STRUCTURE LIST

											DESCRIPTION	TO STATION STATION
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 0+42.00 POT "CH" 3+50.06 POT
											INSTALL D.I. GRATE (31.5' LT.) (SEE SHEET 15)	"CH" 3+60.00 POT
											CONSTRUCT CURB CUT RAMP (TYPE C), LT. (SEE SHEET 13)	"CH" 8+07.47 POT
											INSTALL D.I. GRATE (39.5' RT.) (SEE SHEET 15)	"CH" 12+92.00 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 14+19.60 POT "CH" 17+47.82 POT
											REMOVE AND RECONSTRUCT MEDIAN ISLAND NOSE (SEE SHEET 2B)	"B" 1112+79.86 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 18+45.82 POT "CH" 22+06.00 POT
											CONSTRUCT VALLEY GUTTER, LT. (SEE SHEET 14)	"CH" 22+01.52 POT "CH" 23+26.08 POT
											CONSTRUCT VALLEY GUTTER, RT. (SEE SHEET 14)	"CH" 22+04.76 POT "CH" 22+74.63 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 22+12.00 POT "CH" 22+69.00 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 22+75.00 POT "CH" 23+39.50 POT
											CONSTRUCT VALLEY GUTTER, LT. (SEE SHEET 14)	"CH" 25+80.77 POT "CH" 27+48.35 POT
											CONSTRUCT CURB CUT RAMP (TYPE D), 75.08' LT. (SEE SHEET 13)	"CH" 35+74.73 POT
											CONSTRUCT VALLEY GUTTER, LT. (SEE SHEET 14)	"CH" 44+38.48 POT "CH" 45+18.48 POT
											CONSTRUCT CURB CUT RAMP (TYPE C), RT. (SEE SHEET 13)	"CH" 44+53.09 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 46+97.25 POT "CH" 48+52.18 POT
											REMOVE AND RECONSTRUCT MEDIAN ISLAND NOSE (SEE SHEET 2A)	"CH" 49+02.00 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 49+63.00 POT "CH" 51+67.01 POT

.7

# STRUCTURE LIST

											DESCRIPTION	TO STATION
											CONSTRUCT VALLEY GUTTER, LT. (SEE SHEET 14)	"CH" 53+44.86 POT
												"CH" 54+14.96 POT
											CONSTRUCT CURB CUT RAMP (TYPE C), RT. (SEE SHEET 13)	"CH" 53+46.81 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 59+89.20 POT "CH" 61+06.56 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 61+70.31 POT "CH" 62+92.80 POT
											CONSTRUCT VALLEY GUTTER, LT. (SEE SHEET 14)	"CH" 65+20.56 POT
												"CH" 66+11.06 POT
											CONSTRUCT CURB CUT RAMP (TYPE C), LT. (SEE SHEET 13)	"CH" 68+42.06 POT
											CONSTRUCT CURB CUT RAMP (TYPE C), RT. (SEE SHEET 13)	"CH" 72+39.62 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 82+38.00 POT "CH" 83+82.00 POT
											REMOVE MEDIAN ISLAND. CONSTRUCT NEW MEDIAN ISLAND.	"CH" 84+58.00 POT "CH" 86+11.42 POT
											CONSTRUCT CURB CUT RAMP (TYPE D), RT. (SEE SHEET 13)	"CH" 90+45.68 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 97+06.16 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 100+31.13 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 100+69.13 POT
											CONSTRUCT CURB CUT RAMP (TYPE D), RT. (SEE SHEET 13)	"CH" 101+80.25 POT
											CONSTRUCT CURB CUT RAMP (TYPE D), RT. (SEE SHEET 13)	"CH" 102+85.93 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 103+20.93 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 103+41.38 POT
											CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 106+98.89 POT

3.7

STATE	PROJECT NO.	COUNTY	SHEET NO.
9	SPM-587 (5)	CLARK	S-03

# STRUCTURE LIST

													DESCRIPTION	TO STATION															
													CONSTRUCT CURB CUT RAMP (TYPE B), RT. (SEE SHEET 12)	"CH" 107+20.38 POT															
													3.0	17.1											CONSTRUCT CURB CUT RAMP (TYPE A), RT. (SEE SHEET 12)	"CH" 107+48.90 POT			
													3.3	15.0											CONSTRUCT CURB CUT RAMP (TYPE A), RT. (SEE SHEET 12)	"CH" 107+80.36 POT			
													3.3	15.0											MODIFY EXISTING GRATE (49.0' LT.) (SEE SHEET 15)	"CH" 107+81.00 POT			
																									CONSTRUCT CURB CUT RAMP (TYPE A), RT. (SEE SHEET 12)	"CH" 108+16.89 POT			
																									CONSTRUCT CURB CUT RAMP (TYPE A), RT. (SEE SHEET 12)	"CH" 108+45.37 POT			
													264.6	253	13.2	17.8	360.9	4073	180	390.8	26.5	2432	158.7	587.9	359	127.6	185.5	TOTAL	
													265	253	14	118	361	4080	180	391	27	*	160	590	359	128	186	USE TOTAL	
															* FOR PROJECT TOTALS SEE ESTIMATE OF QUANTITIES ON SHEET 3G.														

