

STATE OF OHIO  
 DEPARTMENT OF TRANSPORTATION

**SUM-76-8.24**  
**SUM-77-9.74**  
**SUM-8-0.00**

**CITY OF AKRON**  
**SUMMIT COUNTY**

**PROJECT DESCRIPTION**

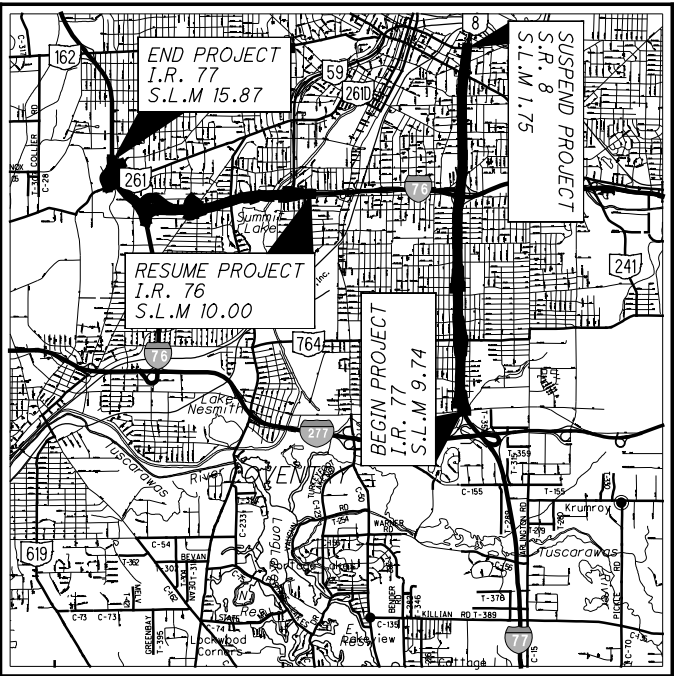
PAVEMENT REPLACEMENT OVER SUM - I.R. 76 FROM S.L.M. 8.24 TO 10.00, SUM - 77 FROM S.L.M. 9.74 TO 11.54, AND SUM - 8 FROM S.L.M. 0.00 TO 1.75. COVERS THE "SOUTH LEG" AND "WEST LEG", INCLUDES REHABILITATION OF SEVERAL STRUCTURES IN THE CITY OF AKRON, SUMMIT COUNTY, OHIO.

**LIMITED ACCESS**

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

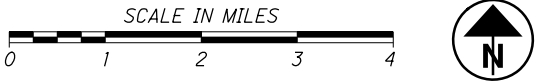
**2019 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



**LOCATION MAP**

LATITUDE: 41° 03' 43" LONGITUDE: 81° 30' 17"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

**DESIGN DESIGNATION**

SEE SHEET 2

NHS PROJECT ..... YES

**DESIGN EXCEPTIONS**

- LANE WIDTH
- INSIDE SHOULDER WIDTH
- OUTSIDE SHOULDER WIDTH
- MAXIMUM GRADE
- STOPPING SIGHT DISTANCE (HSSD & VSSD)
- SUPERELEVATION RATE
- VERTICAL CLEARANCE

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**UNDERGROUND UTILITIES**  
 Contact Two Working Days  
 Before You Dig

**OHIO811.org**  
 Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
 (Non-members must be called directly)

PLAN PREPARED BY:  
  
**E.L. ROBINSON**  
 ENGINEERING  
 1468 West 9th Street, Suite 800 - Cleveland, Ohio 44113  
 www.elrobinsonengineering.com

ENGINEERS SEAL:
SIGNED: _____ DATE: _____
ENGINEERS SEAL:
SIGNED: _____ DATE: _____

	STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ DISTRICT DEPUTY DIRECTOR

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_G1001.dgn Sheet 8/7/2020 11:28:34 AM mlf:tes

RAILROAD INVOLVEMENT	<b>NONE</b>	CONSTRUCTION PROJECT NO.	<b>21-3000</b>
FEDERAL PROJECT NO.	<b>E180(428)</b>	PID NO.	<b>102329</b>
<b>SUM-76 / 77 / 8-8.24 / 9.74 / 0.00</b>	<b>1</b>	<b>138</b>	

DESIGN DESIGNATION	I.R. 76 / I.R. 77	RAMP L	RAMP M	RAMP N	RAMP P	RAMP T	RAMP U	RAMP W
CURRENT ADT (2020)	101,350	3,660	4,200	4,540	3,930	16,620	18,280	16,100
DESIGN YEAR ADT (2040)	95,820	3,720	4,360	4,490	3,930	29,360	18,680	18,190
DESIGN HOURLY VOLUME AM/PM (2040)	10,080 / 9,650	190 / 270	370 / 380	410 / 130	310 / 270	1,900 / 2,930	1,740 / 1,240	2,390 / 1,790
DIRECTIONAL DISTRIBUTION	59%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRUCKS (24 HOUR B&C)	13%	3%	5%	4%	4%	4%	18%	7%
DESIGN SPEED	60	50	50	50	50	50	50	50
LEGAL SPEED	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DESIGN FUNCTIONAL CLASSIFICATION	URBAN INTERSTATE	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP

DESIGN DESIGNATION	RAMP V	RAMP G	RAMP J	RAMP L	RAMP EN	RAMP SW	RAMP W10	RAMP W11
CURRENT ADT (2020)	17,350	1,670	6,690	7,330	11,560	14,020	3,350	4,930
DESIGN YEAR ADT (2040)	26,510	1,760	6,690	7,330	12,230	14,940	3,440	5,170
DESIGN HOURLY VOLUME AM/PM (2040)	1,410 / 1,680	130 / 210	850 / 1,010	820 / 570	1,730 / 900	990 / 1,810	570 / 410	290 / 560
DIRECTIONAL DISTRIBUTION	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRUCKS (24 HOUR B&C)	18%	7%	1%	2%	3%	4%	3%	4%
DESIGN SPEED	50	45	45	45	50	50	45	45
LEGAL SPEED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DESIGN FUNCTIONAL CLASSIFICATION	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP

DESIGN DESIGNATION	I.R. 77 / S.R. 8	RAMP S12	RAMP S11	RAMP S10	RAMP S9	RAMP S8	RAMP S7	RAMP S6
CURRENT ADT (2020)	129,870	4,270	4,490	5,290	3,980	4,320	5,010	5,450
DESIGN YEAR ADT (2040)	136,410	4,270	4,490	5,290	3,980	4,790	5,340	5,490
DESIGN HOURLY VOLUME AM/PM (2040)	12,580 / 13,240	340 / 380	400 / 480	420 / 670	270 / 430	310 / 370	520 / 460	410 / 380
DIRECTIONAL DISTRIBUTION	52%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRUCKS (24 HOUR B&C)	7%	3%	4%	3%	3%	5%	4%	3%
DESIGN SPEED	60	45	45	45	45	45	45	45
LEGAL SPEED	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DESIGN FUNCTIONAL CLASSIFICATION	URBAN INTERSTATE	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP

DESIGN DESIGNATION	RAMP S5	RAMP T / RAMP O	RAMP N / RAMP M	RAMP U	RAMP S / RAMP P	RAMP S2	RAMP R
CURRENT ADT (2020)	6,840	30,290	27,100	24,280	21,660	10,260	10,400
DESIGN YEAR ADT (2040)	6,980	31,840	28,530	25,280	22,550	10,930	11,390
DESIGN HOURLY VOLUME AM/PM (2040)	780 / 540	3,560 / 2,750	2,170 / 2,860	2,750 / 2,330	2,120 / 1,840	1,430 / 750	560 / 1,140
DIRECTIONAL DISTRIBUTION	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRUCKS (24 HOUR B&C)	3%	9%	9%	5%	5%	4%	3%
DESIGN SPEED	45	45	45	45	45	45	45
LEGAL SPEED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DESIGN FUNCTIONAL CLASSIFICATION	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP	URBAN RAMP

DESIGN DESIGNATIONS

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00



50  
100  
200  
HORIZONTAL  
SCALE IN FEET

CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

**SUM-76/77/8-  
8.24/9.74/0.00**  
**SCHEMATIC PLAN - I.R. 77**  
**END I.R. 77 PROJECT TO STA. 211+00**

**3**  
138

**CURVE 1 - I.R. 77**  
 P.I. Sta. 212+28.23  
 $\Delta = 84^\circ 18' 18''$  (LT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 2,593.31'$   
 $L = 4,215.25'$   
 $E = 999.44'$   
 $C = 3,845.16'$   
 C.B. = S 45° 12' 47" E

**CURVE 2 - RAMP M**  
 P.I. Sta. 2+75.82  
 $\Delta = 81^\circ 58' 54''$  (RT)  
 $Dc = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 173.80'$   
 $L = 286.17'$   
 $E = 64.97'$   
 $C = 262.38'$   
 C.B. = N 68° 27' 36" W

**CURVE 3 - RAMP M**  
 P.I. Sta. 7+50.25  
 $\Delta = 5^\circ 16' 57''$  (RT)  
 $Dc = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 66.08'$   
 $L = 132.06'$   
 $E = 1.52'$   
 $C = 132.01'$   
 C.B. = N 3° 20' 31" W

**CURVE 4 - RAMP N**  
 P.I. Sta. 1+83.82  
 $\Delta = 14^\circ 37' 34''$  (RT)  
 $Dc = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 183.82'$   
 $L = 365.65'$   
 $E = 11.75'$   
 $C = 364.66'$   
 C.B. = N 19° 29' 38" W

**CURVE 5 - RAMP N**  
 P.I. Sta. 5+15.20  
 $\Delta = 20^\circ 42' 32''$  (RT)  
 $Dc = 7^\circ 00' 00''$   
 $R = 818.51'$   
 $T = 149.55'$   
 $L = 295.84'$   
 $E = 13.55'$   
 $C = 294.23'$   
 C.B. = N 1° 49' 36" W

**CURVE 6 - RAMP N**  
 P.I. Sta. 8+73.58  
 $\Delta = 34^\circ 29' 42''$  (RT)  
 $Dc = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 62.09'$   
 $L = 120.41'$   
 $E = 9.42'$   
 $C = 118.60'$   
 C.B. = N 52° 30' 40" E

**CURVE 7 - RAMP L**  
 P.I. Sta. 7+79.91  
 $\Delta = 13^\circ 52' 19''$  (RT)  
 $Dc = 20^\circ 00' 00''$   
 $R = 286.48'$   
 $T = 34.85'$   
 $L = 69.36'$   
 $E = 2.11'$   
 $C = 69.19'$   
 C.B. = S 21° 54' 04" W

**CURVE 8 - RAMP L**  
 P.I. Sta. 13+89.24  
 $\Delta = 53^\circ 17' 14''$  (LT)  
 $Dc = 20^\circ 06' 14''$   
 $R = 285.00'$   
 $T = 142.99'$   
 $L = 265.00'$   
 $E = 33.86'$   
 $C = 255.61'$   
 C.B. = S 2° 51' 58" W

**CURVE 9 - RAMP P**  
 P.I. Sta. 1+08.78  
 $\Delta = 47^\circ 01' 42''$  (RT)  
 $Dc = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 108.78'$   
 $L = 205.20'$   
 $E = 22.64'$   
 $C = 199.49'$   
 C.B. = N 85° 49' 14" W

**SPIRAL 1 - I.R. 77**  
 P.I. STA. 185+34.95  
 $Ls = 300.00'$   
 $\theta s = 3^\circ 00' 00''$   
 $LT = 200.03'$   
 $ST = 100.03'$   
 $x = 299.92'$   
 $y = 5.23'$   
 $k = 149.99'$   
 $p = 1.31'$

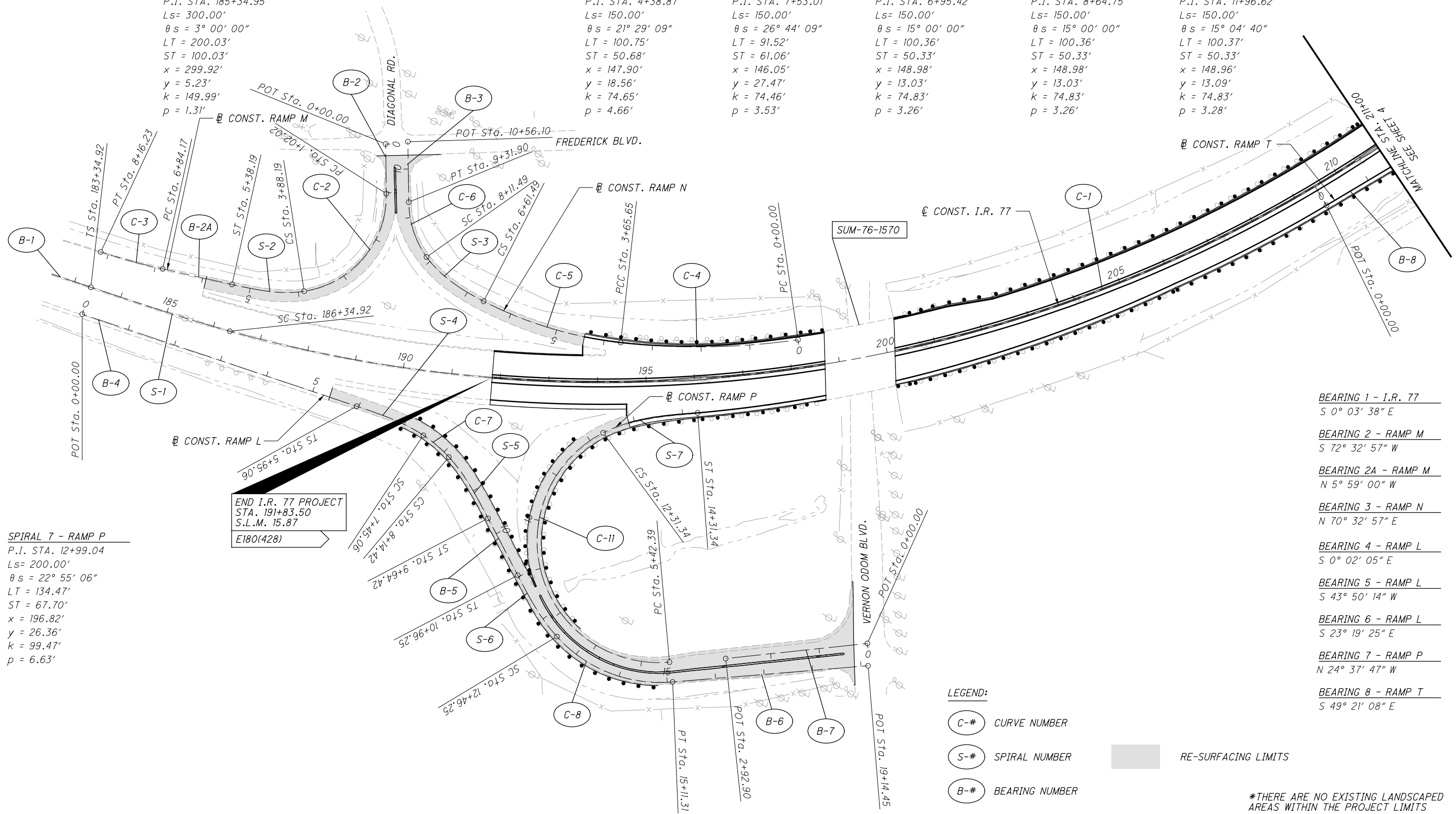
**SPIRAL 2 - RAMP M**  
 P.I. STA. 4+38.87  
 $Ls = 150.00'$   
 $\theta s = 21^\circ 29' 09''$   
 $LT = 100.75'$   
 $ST = 50.68'$   
 $x = 147.90'$   
 $y = 18.56'$   
 $k = 74.65'$   
 $p = 4.66'$

**SPIRAL 3 - RAMP N**  
 P.I. STA. 7+53.01  
 $Ls = 150.00'$   
 $\theta s = 26^\circ 44' 09''$   
 $LT = 91.52'$   
 $ST = 61.06'$   
 $x = 146.05'$   
 $y = 27.47'$   
 $k = 74.46'$   
 $p = 3.53'$

**SPIRAL 4 - RAMP L**  
 P.I. STA. 6+95.42  
 $Ls = 150.00'$   
 $\theta s = 15^\circ 00' 00''$   
 $LT = 100.36'$   
 $ST = 50.33'$   
 $x = 148.98'$   
 $y = 13.03'$   
 $k = 74.83'$   
 $p = 3.26'$

**SPIRAL 5 - RAMP L**  
 P.I. STA. 8+64.75  
 $Ls = 150.00'$   
 $\theta s = 15^\circ 00' 00''$   
 $LT = 100.36'$   
 $ST = 50.33'$   
 $x = 148.98'$   
 $y = 13.03'$   
 $k = 74.83'$   
 $p = 3.26'$

**SPIRAL 6 - RAMP L**  
 P.I. STA. 11+96.62  
 $Ls = 150.00'$   
 $\theta s = 15^\circ 04' 40''$   
 $LT = 100.37'$   
 $ST = 50.33'$   
 $x = 148.96'$   
 $y = 13.09'$   
 $k = 74.83'$   
 $p = 3.28'$



**SPIRAL 7 - RAMP P**  
 P.I. STA. 12+99.04  
 $Ls = 200.00'$   
 $\theta s = 22^\circ 55' 06''$   
 $LT = 134.47'$   
 $ST = 67.70'$   
 $x = 196.82'$   
 $y = 26.36'$   
 $k = 99.47'$   
 $p = 6.63'$

- LEGEND:**
- (C-#) CURVE NUMBER
  - (S-#) SPIRAL NUMBER
  - (B-#) BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GB001.dgn Sheet 8/7/2020 11:28:49 AM mlufes

**CURVE 12 - RAMP T**
  
 P.I. Sta. 8+37.40
   
 $\Delta = 36^\circ 38' 39''$  (RT)
   
 $Dc = 4^\circ 01' 22''$ 
  
 $R = 1,424.26'$ 
  
 $T = 471.64'$ 
  
 $L = 910.90'$ 
  
 $E = 76.06'$ 
  
 $C = 895.46'$ 
  
 C.B. = S  $31^\circ 01' 48''$  E

**CURVE 15 - RAMP V**
  
 P.I. Sta. 15+69.19
   
 $\Delta = 6^\circ 08' 47''$  (LT)
   
 $Dc = 10^\circ 21' 48''$ 
  
 $R = 552.87'$ 
  
 $T = 29.68'$ 
  
 $L = 59.31'$ 
  
 $E = 0.80'$ 
  
 $C = 59.28'$ 
  
 C.B. = N  $73^\circ 12' 15''$  W

**CURVE 16 - RAMP W**
  
 P.I. Sta. 12+29.90
   
 $\Delta = 157^\circ 05' 59''$  (RT)
   
 $Dc = 23^\circ 00' 00''$ 
  
 $R = 249.11'$ 
  
 $T = 1,229.90'$ 
  
 $L = 683.04'$ 
  
 $E = 1,005.76'$ 
  
 $C = 488.31'$ 
  
 C.B. = S  $2^\circ 16' 21''$  W

**CURVE 17 - I.R. 76**
  
 P.I. Sta. 101+64.65
   
 $\Delta = 97^\circ 10' 50''$  (RT)
   
 $Dc = 11^\circ 00' 00''$ 
  
 $R = 520.87'$ 
  
 $T = 590.61'$ 
  
 $L = 883.46'$ 
  
 $E = 266.61'$ 
  
 $C = 781.31'$ 
  
 C.B. = N  $55^\circ 07' 56''$  E

**CURVE 1 - I.R. 77**
  
 P.I. Sta. 212+28.23
   
 $\Delta = 84^\circ 18' 18''$  (LT)
   
 $Dc = 2^\circ 00' 00''$ 
  
 $R = 2,864.79'$ 
  
 $T = 2,593.31'$ 
  
 $L = 4,215.25'$ 
  
 $E = 999.44'$ 
  
 $C = 3,845.16'$ 
  
 C.B. = S  $45^\circ 12' 47''$  E

**SPIRAL 15 - I.R. 76**
  
 P.I. STA. 94+58.77
   
 $Ls = 350.00'$ 
  
 $\theta s = 19^\circ 15' 00''$ 
  
 $LT = 234.73'$ 
  
 $ST = 117.94'$ 
  
 $x = 346.07'$ 
  
 $y = 38.88'$ 
  
 $k = 174.34'$ 
  
 $p = 9.76'$

**SPIRAL 8 - I.R. 76**
  
 P.I. STA. 229+50.20
   
 $Ls = 300.00'$ 
  
 $\theta s = 3^\circ 00' 00''$ 
  
 $LT = 200.03'$ 
  
 $ST = 100.03'$ 
  
 $x = 299.92'$ 
  
 $y = 5.23'$ 
  
 $k = 149.99'$ 
  
 $p = 1.31'$

**SPIRAL 9 - RAMP U**
  
 P.I. STA. 7+35.45
   
 $Ls = 350.00'$ 
  
 $\theta s = 19^\circ 15' 00''$ 
  
 $LT = 234.73'$ 
  
 $ST = 117.94'$ 
  
 $x = 346.07'$ 
  
 $y = 38.88'$ 
  
 $k = 174.34'$ 
  
 $p = 9.76'$

**SPIRAL 10 - RAMP U**
  
 P.I. STA. 15+76.32
   
 $Ls = 350.00'$ 
  
 $\theta s = 19^\circ 15' 00''$ 
  
 $LT = 234.73'$ 
  
 $ST = 117.94'$ 
  
 $x = 346.07'$ 
  
 $y = 38.88'$ 
  
 $k = 174.34'$ 
  
 $p = 9.76'$

**SPIRAL 11 - RAMP V**
  
 P.I. STA. 2+67.28
   
 $Ls = 400.00'$ 
  
 $\theta s = 12^\circ 00' 00''$ 
  
 $LT = 267.28'$ 
  
 $ST = 133.89'$ 
  
 $x = 398.25'$ 
  
 $y = 27.84'$ 
  
 $k = 199.71'$ 
  
 $p = 6.97'$

**SPIRAL 12 - RAMP V**
  
 P.I. STA. 7+73.40
   
 $Ls = 400.00'$ 
  
 $\theta s = 12^\circ 00' 00''$ 
  
 $LT = 267.28'$ 
  
 $ST = 133.89'$ 
  
 $x = 398.25'$ 
  
 $y = 27.84'$ 
  
 $k = 199.71'$ 
  
 $p = 6.97'$

**SPIRAL 13 - RAMP V**
  
 P.I. STA. 14+24.08
   
 $Ls = 350.00'$ 
  
 $\theta s = 18^\circ 08' 09''$ 
  
 $LT = 234.57'$ 
  
 $ST = 117.79'$ 
  
 $x = 346.51'$ 
  
 $y = 36.67'$ 
  
 $k = 174.42'$ 
  
 $p = 9.20'$

**SPIRAL 14 - RAMP W**
  
 P.I. STA. 7+56.45
   
 $Ls = 200.00'$ 
  
 $\theta s = 25^\circ 01' 57''$ 
  
 $LT = 129.38'$ 
  
 $ST = 73.41'$ 
  
 $x = 195.89'$ 
  
 $y = 31.06'$ 
  
 $k = 99.37'$ 
  
 $p = 6.07'$

**CURVE 13 - RAMP U**
  
 P.I. Sta. 11+94.45
   
 $\Delta = 66^\circ 50' 33''$  (RT)
   
 $Dc = 11^\circ 00' 00''$ 
  
 $R = 520.87'$ 
  
 $T = 343.73'$ 
  
 $L = 607.66'$ 
  
 $E = 103.19'$ 
  
 $C = 573.78'$ 
  
 C.B. = N  $39^\circ 57' 48''$  E

**CURVE 14 - RAMP V**
  
 P.I. Sta. 5+20.39
   
 $\Delta = 14^\circ 22' 14''$  (RT)
   
 $Dc = 6^\circ 00' 00''$ 
  
 $R = 954.93'$ 
  
 $T = 120.39'$ 
  
 $L = 239.51'$ 
  
 $E = 7.56'$ 
  
 $C = 238.88'$ 
  
 C.B. = N  $71^\circ 10' 49''$  W

**BEARING 8 - RAMP T**
  
 S  $49^\circ 21' 08''$  E

**BEARING 9 - I.R. 76**
  
 N  $89^\circ 38' 4''$  E

**BEARING 10 - RAMP U**
  
 S  $87^\circ 21' 55''$  E

**BEARING 11 - RAMP V**
  
 S  $51^\circ 59' 42''$  W

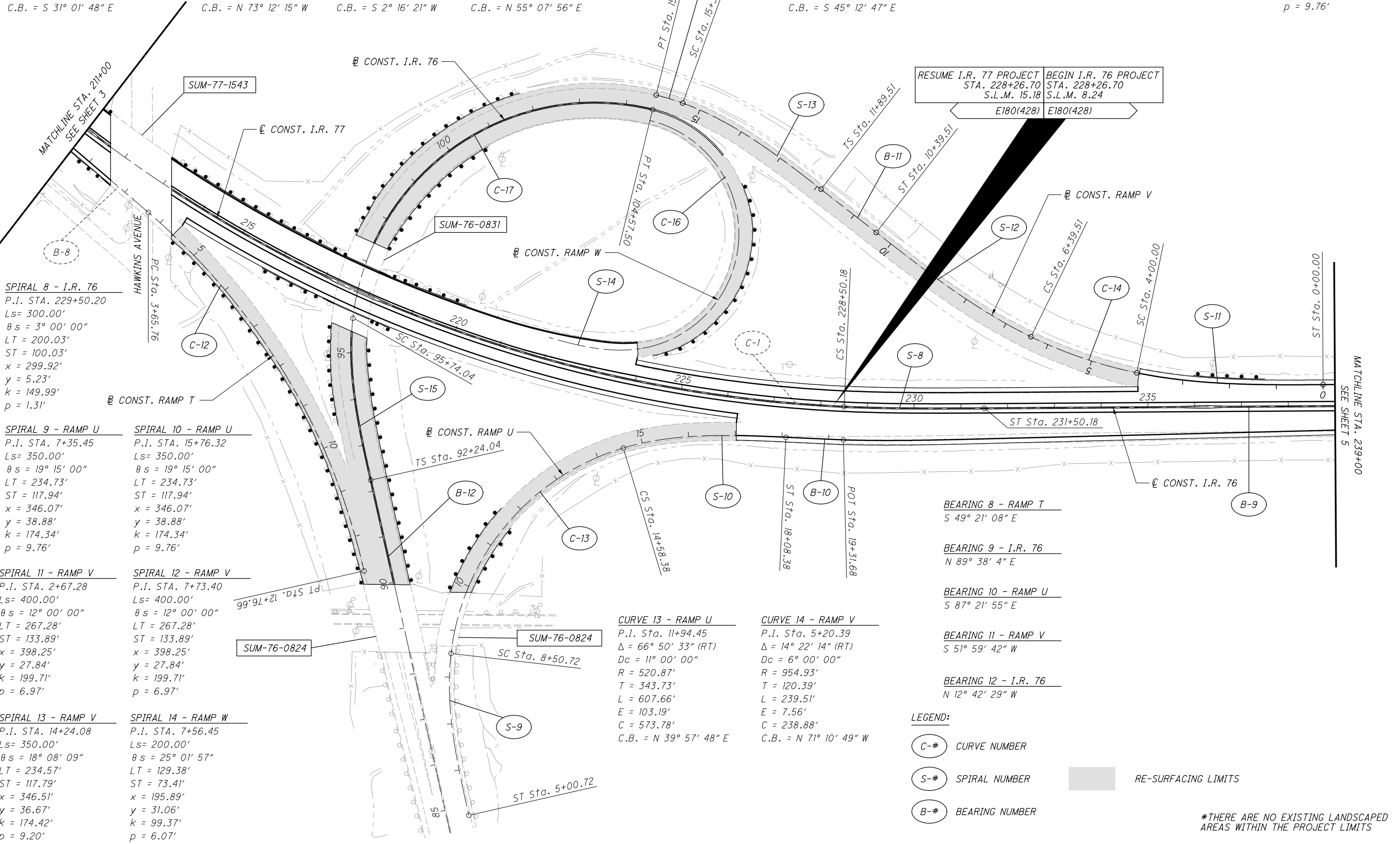
**BEARING 12 - I.R. 76**
  
 N  $12^\circ 42' 29''$  W

**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER

RE-SURFACING LIMITS

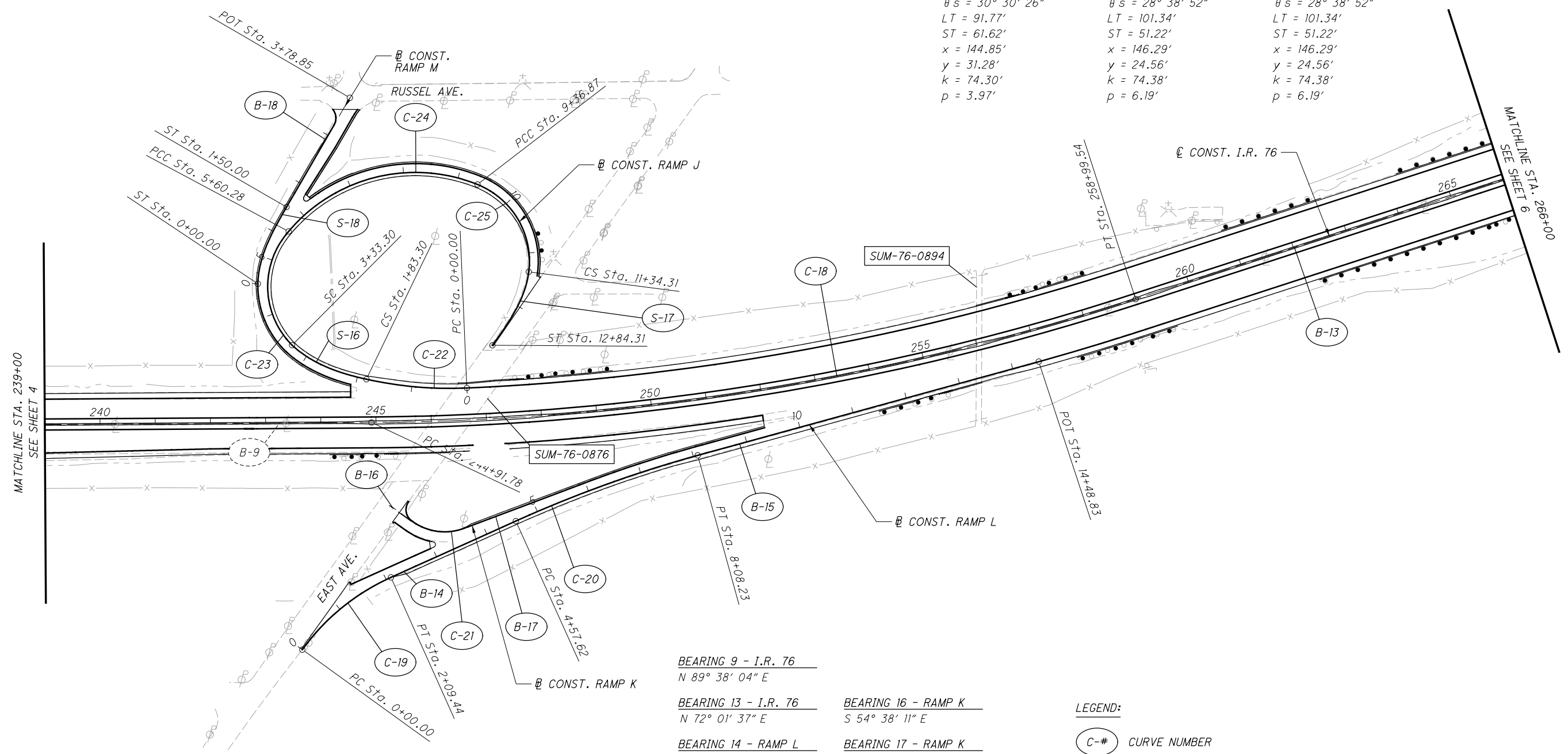
\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS





<b>CURVE 18 - I.R. 76</b> P.I. Sta. 252+01.26 $\Delta = 17^\circ 36' 26''$ (LT) Dc = 1° 15' 03" R = 4,581.00' T = 709.47' L = 1,407.76' E = 54.61' C = 1,402.23' C.B. = N 80° 49' 50" E	<b>CURVE 19 - RAMP L</b> P.I. Sta. 1+07.18 $\Delta = 30^\circ 00' 00''$ (RT) Dc = 14° 19' 26" R = 400.00' T = 107.18' L = 209.44' E = 14.11' C = 207.06' C.B. = N 50° 48' 38" E	<b>CURVE 20 - RAMP L</b> P.I. Sta. 6+33.27 $\Delta = 8^\circ 45' 55''$ (RT) Dc = 2° 30' 00" R = 2,291.83' T = 175.65' L = 350.61' E = 6.72' C = 350.27' C.B. = N 70° 08' 25" E	<b>CURVE 21 - RAMP K</b> P.I. Sta. 1+00.10 $\Delta = 55^\circ 56' 16''$ (LT) Dc = 57° 17' 45" R = 100.00' T = 53.10' L = 97.63' E = 13.22' C = 93.80' C.B. = S 82° 36' 19" E	<b>CURVE 22 - RAMP J</b> P.I. Sta. 0+92.17 $\Delta = 14^\circ 53' 15''$ (RT) Dc = 8° 07' 19" R = 705.44' T = 92.17' L = 183.30' E = 6.00' C = 182.78' C.B. = N 85° 00' 17" W	<b>CURVE 23 - RAMP J</b> P.I. Sta. 4+74.90 $\Delta = 86^\circ 41' 58''$ (RT) Dc = 38° 11' 50" R = 150.00' T = 141.60' L = 226.98' E = 56.28' C = 205.93' C.B. = N 1° 41' 38" W	<b>CURVE 24 - RAMP J</b> P.I. Sta. 7+77.93 $\Delta = 71^\circ 55' 24''$ (RT) Dc = 19° 05' 55" R = 300.00' T = 217.66' L = 376.59' E = 70.64' C = 352.35' C.B. = N 76° 02' 51" E	<b>CURVE 25 - RAMP J</b> P.I. Sta. 10+52.84 $\Delta = 75^\circ 24' 59''$ (RT) Dc = 38° 11' 50" R = 150.00' T = 115.97' L = 197.44' E = 39.60' C = 183.49' C.B. = S 30° 27' 51" E
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<b>SPIRAL 16 - RAMP J</b> P.I. STA. 2+75.07 Ls = 150.00' $\theta s = 30^\circ 30' 26''$ LT = 91.77' ST = 61.62' x = 144.85' y = 31.28' k = 74.30' p = 3.97'	<b>SPIRAL 17 - RAMP J</b> P.I. STA. 11+85.53 Ls = 150.00' $\theta s = 28^\circ 38' 52''$ LT = 101.34' ST = 51.22' x = 146.29' y = 24.56' k = 74.38' p = 6.19'	<b>SPIRAL 18 - RAMP M</b> P.I. STA. 0+51.22 Ls = 150.00' $\theta s = 28^\circ 38' 52''$ LT = 101.34' ST = 51.22' x = 146.29' y = 24.56' k = 74.38' p = 6.19'
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<b>BEARING 9 - I.R. 76</b> N 89° 38' 04" E	<b>BEARING 16 - RAMP K</b> S 54° 38' 11" E
<b>BEARING 13 - I.R. 76</b> N 72° 01' 37" E	<b>BEARING 17 - RAMP K</b> N 69° 25' 33" E
<b>BEARING 14 - RAMP L</b> N 65° 45' 28" E	<b>BEARING 18 - RAMP M</b> N 30° 04' 12" E
<b>BEARING 15 - RAMP L</b> N 74° 38' 48" E	

**LEGEND:**

- (C-#) CURVE NUMBER
- (S-#) SPIRAL NUMBER
- (B-#) BEARING NUMBER
- RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GBI01.dgn Sheet 8/7/2020 11:28:53 AM mlutes

MATCHLINE STA. 239+00  
SEE SHEET 4

MATCHLINE STA. 266+00  
SEE SHEET 6

CURVE 26 - RAMP EN  
 P.I. Sta. 104+15.59  
 $\Delta = 12^\circ 25' 08''$  (RT)  
 $Dc = 1^\circ 30' 00''$   
 $R = 3,819.72'$   
 $T = 415.59'$   
 $L = 827.93'$   
 $E = 22.54'$   
 $C = 826.31'$   
 C.B. = N 84° 45' 24" E

CURVE 27 - RAMP EN  
 P.I. Sta. 110+78.60  
 $\Delta = 2^\circ 50' 29''$  (LT)  
 $Dc = 1^\circ 00' 00''$   
 $R = 5,729.58'$   
 $T = 142.10'$   
 $L = 284.14'$   
 $E = 1.76'$   
 $C = 284.11'$   
 C.B. = N 89° 32' 43" E

CURVE 28 - RAMP EN  
 P.I. Sta. 119+63.71  
 $\Delta = 6^\circ 02' 03''$  (LT)  
 $Dc = 2^\circ 00' 10''$   
 $R = 2,860.74'$   
 $T = 150.78'$   
 $L = 301.28'$   
 $E = 3.97'$   
 $C = 301.14'$   
 C.B. = N 85° 06' 27" E

CURVE 29 - RAMP SW  
 P.I. Sta. 123+33.46  
 $\Delta = 6^\circ 42' 49''$  (LT)  
 $Dc = 2^\circ 00' 01''$   
 $R = 2,864.27'$   
 $T = 168.00'$   
 $L = 335.62'$   
 $E = 4.92'$   
 $C = 335.43'$   
 C.B. = N 84° 46' 04" E

BEARING 13 - I.R. 76  
 N 72° 01' 37" E

BEARING 20 - RAMP G  
 N 83° 27' 33" E

BEARING 21 - RAMP EN  
 S 89° 02' 02" E

BEARING 22 - RAMP EN  
 N 88° 07' 29" E

BEARING 23 - I.R. 76  
 N 88° 07' 28" E

BEARING 20A - RAMP G  
 N 83° 27' 33" E

CURVE 30 - I.R. 76  
 P.I. Sta. 276+42.53  
 $\Delta = 16^\circ 05' 50''$  (RT)  
 $Dc = 0^\circ 59' 57''$   
 $R = 5,733.85'$   
 $T = 810.80'$   
 $L = 1,610.92'$   
 $E = 57.04'$   
 $C = 1,605.63'$   
 C.B. = N 80° 04' 32" E

CURVE 31 - RAMP G  
 P.I. Sta. 2+36.73  
 $\Delta = 10^\circ 37' 21''$  (RT)  
 $Dc = 2^\circ 15' 00''$   
 $R = 2,546.48'$   
 $T = 236.73'$   
 $L = 472.11'$   
 $E = 10.98'$   
 $C = 471.43'$   
 C.B. = N 78° 08' 53" E

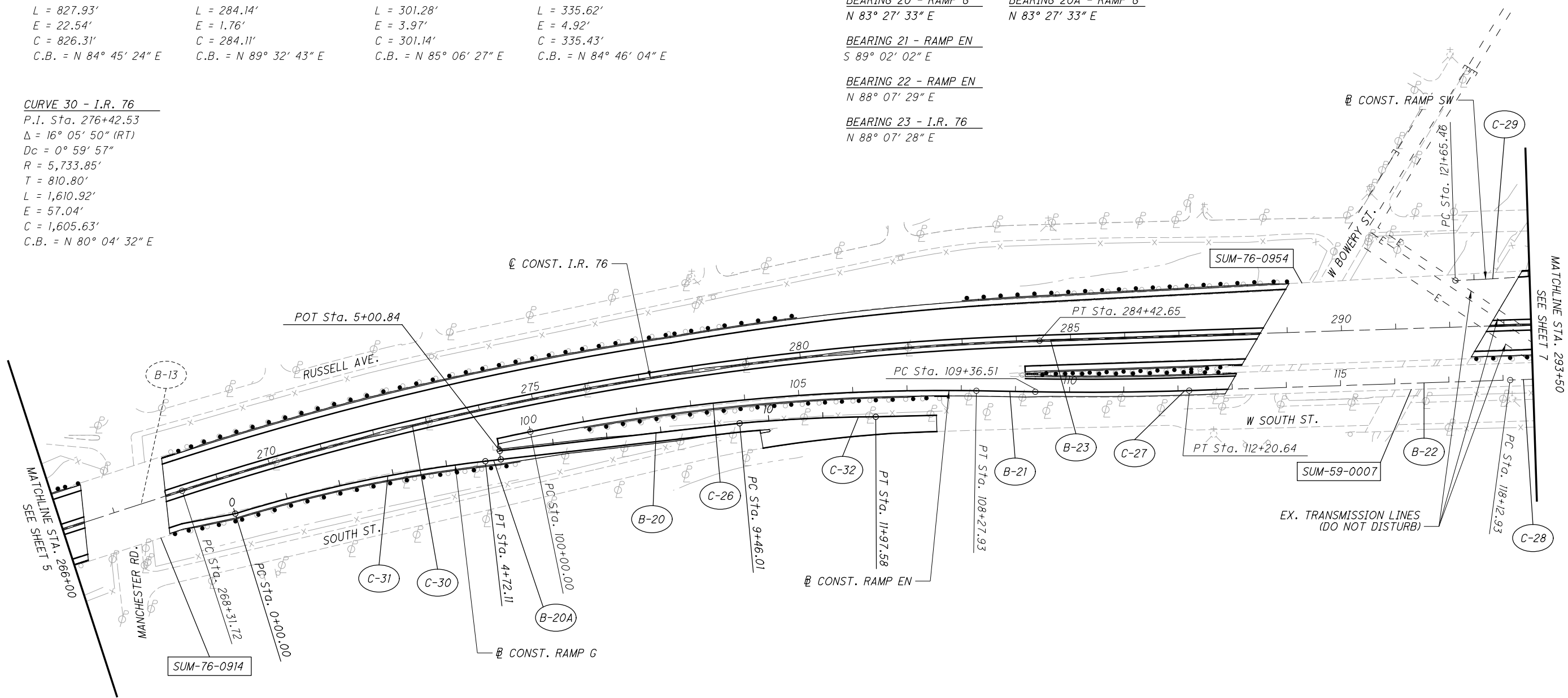
CURVE 32 - RAMP G  
 P.I. Sta. 10+71.87  
 $\Delta = 5^\circ 01' 53''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 125.87'$   
 $L = 251.57'$   
 $E = 2.76'$   
 $C = 251.49'$   
 C.B. = N 87° 17' 04" E

LEGEND:

- (C-#) CURVE NUMBER
- (S-#) SPIRAL NUMBER
- (B-#) BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

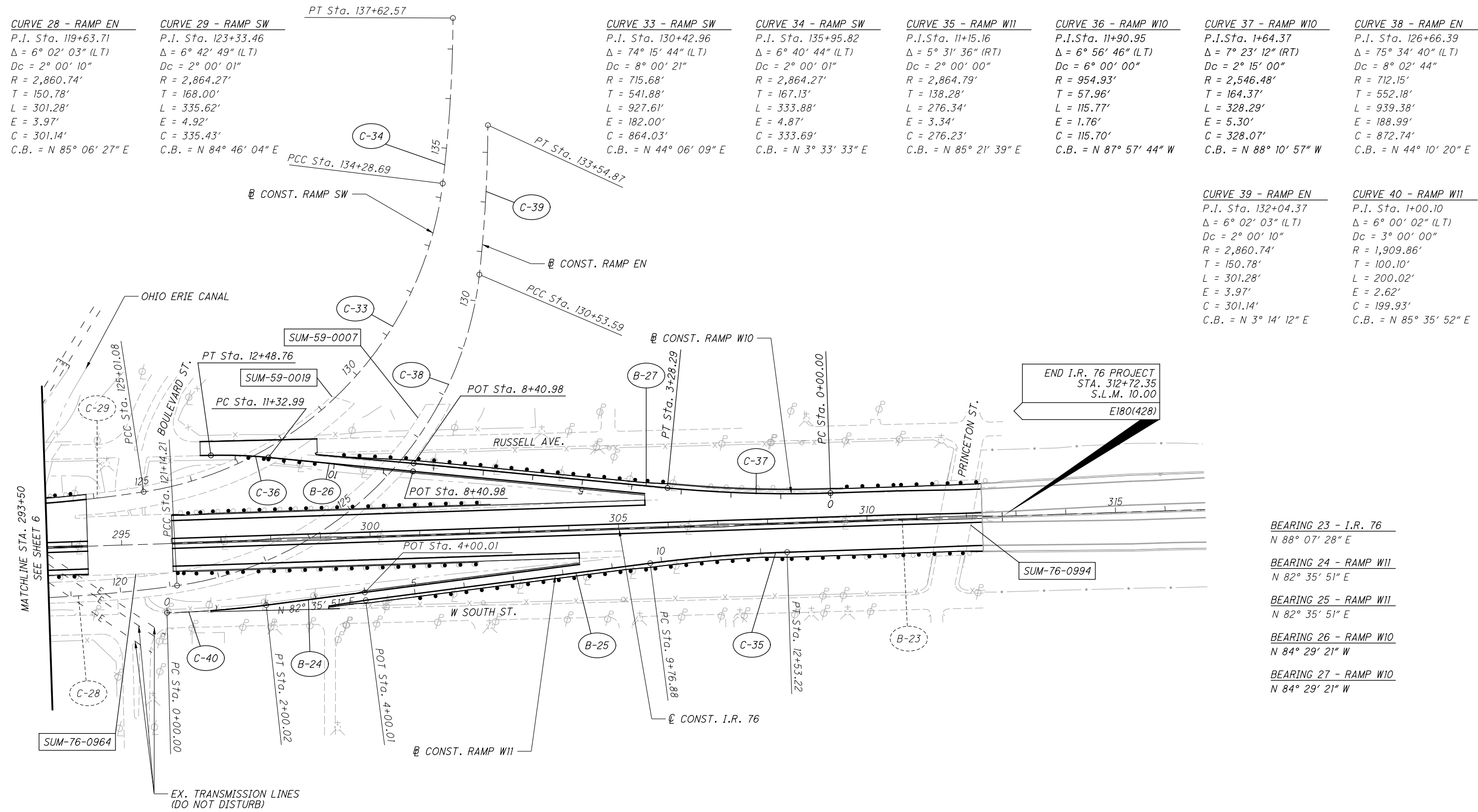


CALCULATED  
 MLL  
 CHECKED  
 JTJ

**SCHEMATIC PLAN - I.R. 76**  
**STA. 266+00 TO STA. 293+50**

**SUM-76 / 77 / 8 -**  
**8.24 / 9.74 / 0.00**

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**CURVE 28 - RAMP EN**  
 P.I. Sta. 119+63.71  
 $\Delta = 6^\circ 02' 03''$  (LT)  
 $Dc = 2^\circ 00' 10''$   
 $R = 2,860.74'$   
 $T = 150.78'$   
 $L = 301.28'$   
 $E = 3.97'$   
 $C = 301.14'$   
 C.B. = N 85° 06' 27" E

**CURVE 29 - RAMP SW**  
 P.I. Sta. 123+33.46  
 $\Delta = 6^\circ 42' 49''$  (LT)  
 $Dc = 2^\circ 00' 01''$   
 $R = 2,864.27'$   
 $T = 168.00'$   
 $L = 335.62'$   
 $E = 4.92'$   
 $C = 335.43'$   
 C.B. = N 84° 46' 04" E

**CURVE 33 - RAMP SW**  
 P.I. Sta. 130+42.96  
 $\Delta = 74^\circ 15' 44''$  (LT)  
 $Dc = 8^\circ 00' 21''$   
 $R = 715.68'$   
 $T = 541.88'$   
 $L = 927.61'$   
 $E = 182.00'$   
 $C = 864.03'$   
 C.B. = N 44° 06' 09" E

**CURVE 34 - RAMP SW**  
 P.I. Sta. 135+95.82  
 $\Delta = 6^\circ 40' 44''$  (LT)  
 $Dc = 2^\circ 00' 01''$   
 $R = 2,864.27'$   
 $T = 167.13'$   
 $L = 333.88'$   
 $E = 4.87'$   
 $C = 333.69'$   
 C.B. = N 3° 33' 33" E

**CURVE 35 - RAMP W11**  
 P.I. Sta. 11+15.16  
 $\Delta = 5^\circ 31' 36''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 138.28'$   
 $L = 276.34'$   
 $E = 3.34'$   
 $C = 276.23'$   
 C.B. = N 85° 21' 39" E

**CURVE 36 - RAMP W10**  
 P.I. Sta. 11+90.95  
 $\Delta = 6^\circ 56' 46''$  (LT)  
 $Dc = 6^\circ 00' 00''$   
 $R = 954.93'$   
 $T = 57.96'$   
 $L = 115.77'$   
 $E = 1.76'$   
 $C = 115.70'$   
 C.B. = N 87° 57' 44" W

**CURVE 37 - RAMP W10**  
 P.I. Sta. 1+64.37  
 $\Delta = 7^\circ 23' 12''$  (RT)  
 $Dc = 2^\circ 15' 00''$   
 $R = 2,546.48'$   
 $T = 164.37'$   
 $L = 328.29'$   
 $E = 5.30'$   
 $C = 328.07'$   
 C.B. = N 88° 10' 57" W

**CURVE 38 - RAMP EN**  
 P.I. Sta. 126+66.39  
 $\Delta = 75^\circ 34' 40''$  (LT)  
 $Dc = 8^\circ 02' 44''$   
 $R = 712.15'$   
 $T = 552.18'$   
 $L = 939.38'$   
 $E = 188.99'$   
 $C = 872.74'$   
 C.B. = N 44° 10' 20" E

**CURVE 39 - RAMP EN**  
 P.I. Sta. 132+04.37  
 $\Delta = 6^\circ 02' 03''$  (LT)  
 $Dc = 2^\circ 00' 10''$   
 $R = 2,860.74'$   
 $T = 150.78'$   
 $L = 301.28'$   
 $E = 3.97'$   
 $C = 301.14'$   
 C.B. = N 3° 14' 12" E

**CURVE 40 - RAMP W11**  
 P.I. Sta. 1+00.10  
 $\Delta = 6^\circ 00' 02''$  (LT)  
 $Dc = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 100.10'$   
 $L = 200.02'$   
 $E = 2.62'$   
 $C = 199.93'$   
 C.B. = N 85° 35' 52" E

**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS



**SUM-76 / 77 / 8- 8.24 / 9.74 / 0.00**  
**SCHEMATIC PLAN - I.R. 76**  
**STA. 293+50 TO END I.R. 76 PROJECT**

**SUM-76 / 77 / 8- 8.24 / 9.74 / 0.00**

**CURVE 41 - I.R. 77 (NB)**  
 P.I. Sta. 517+22.20  
 $\Delta = 31^\circ 58' 00''$  (RT)  
 $Dc = 2^\circ 30' 00''$   
 $R = 2,291.83'$   
 $T = 656.45'$   
 $L = 1,278.67'$   
 $E = 92.16'$   
 $C = 1,262.15'$   
 C.B. = N 20° 46' 03" W

**CURVE 42 - I.R. 77 (SB)**  
 P.I. Sta. 514+77.98  
 $\Delta = 33^\circ 58' 00''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 874.94'$   
 $L = 1,698.33'$   
 $E = 130.63'$   
 $C = 1,673.57'$   
 C.B. = N 20° 46' 03" W

**CURVE 43 - RAMP S11**  
 P.I. Sta. 4+54.58  
 $\Delta = 16^\circ 48' 40''$  (RT)  
 $Dc = 2^\circ 30' 00''$   
 $R = 2,291.83'$   
 $T = 338.66'$   
 $L = 672.45'$   
 $E = 24.89'$   
 $C = 670.04'$   
 C.B. = N 14° 22' 02" W

**CURVE 44 - RAMP S11**  
 P.I. Sta. 11+62.36  
 $\Delta = 6^\circ 11' 58''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 155.14'$   
 $L = 309.97'$   
 $E = 4.20'$   
 $C = 309.82'$   
 C.B. = N 2° 51' 43" W

**CURVE 45 - RAMP S12**  
 P.I. Sta. 2+24.41  
 $\Delta = 4^\circ 29' 09''$  (RT)  
 $Dc = 1^\circ 00' 00''$   
 $R = 5,729.58'$   
 $T = 224.41'$   
 $L = 448.58'$   
 $E = 4.39'$   
 $C = 448.47'$   
 C.B. = S 2° 28' 51" W

**BEARING 28 - I.R. 77**  
 N 0° 14' 16" E

**BEARING 29 - RAMP S11**  
 N 22° 46' 22" W

**BEARING 30 - RAMP S11**  
 N 5° 57' 42" W

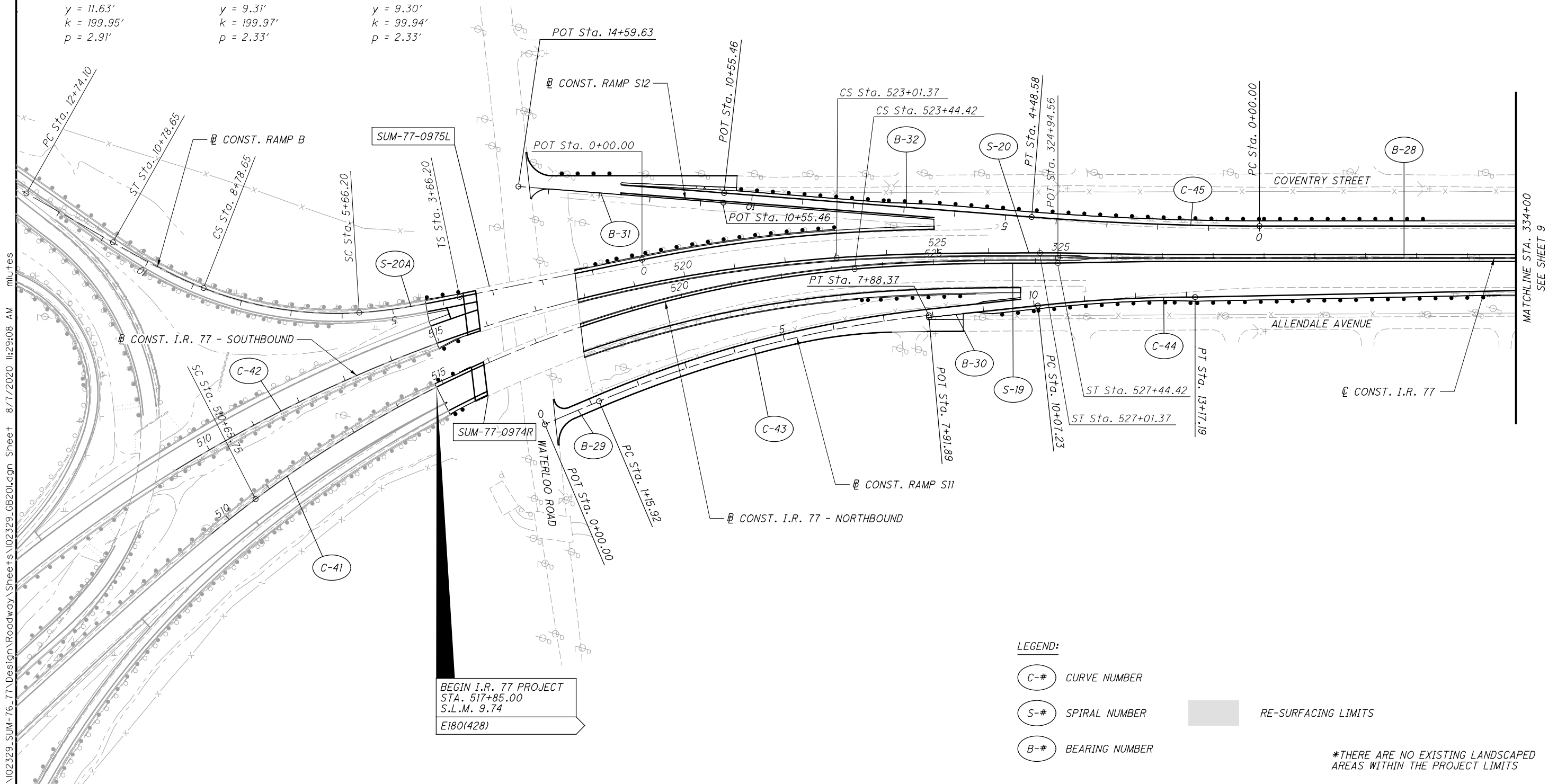
**BEARING 31 - RAMP S12**  
 S 4° 43' 25" W

**BEARING 32 - RAMP S12**  
 S 4° 43' 25" W

**SPIRAL 19 - I.R. 77 (NB)**  
 P.I. STA. 524+77.85  
 $Ls = 400.00'$   
 $\theta s = 5^\circ 00' 00''$   
 $LT = 266.77'$   
 $ST = 133.43'$   
 $x = 399.70'$   
 $y = 11.63'$   
 $k = 199.95'$   
 $p = 2.91'$

**SPIRAL 20 - I.R. 77 (SB)**  
 P.I. STA. 524+34.77  
 $Ls = 400.00'$   
 $\theta s = 4^\circ 00' 00''$   
 $LT = 266.73'$   
 $ST = 51.22'$   
 $x = 399.81'$   
 $y = 9.31'$   
 $k = 199.97'$   
 $p = 2.33'$

**SPIRAL 20A - RAMP B**  
 P.I. STA. 4+99.67  
 $Ls = 200.00'$   
 $\theta s = 8^\circ 00' 00''$   
 $LT = 133.47'$   
 $ST = 66.79'$   
 $x = 199.61'$   
 $y = 9.30'$   
 $k = 99.94'$   
 $p = 2.33'$



BEGIN I.R. 77 PROJECT  
 STA. 517+85.00  
 S.L.M. 9.74  
 E180(428)

**LEGEND:**

- (C-#) CURVE NUMBER
- (S-#) SPIRAL NUMBER
- (B-#) BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

CALCULATED  
 MILL  
 CHECKED  
 JTW

0 100 200  
 HORIZONTAL SCALE IN FEET

**SUM-76 / 77 / 8 - SCHEMATIC PLAN - I.R. 77**  
**BEGIN I.R. 77 PROJECT TO STA. 334+00**

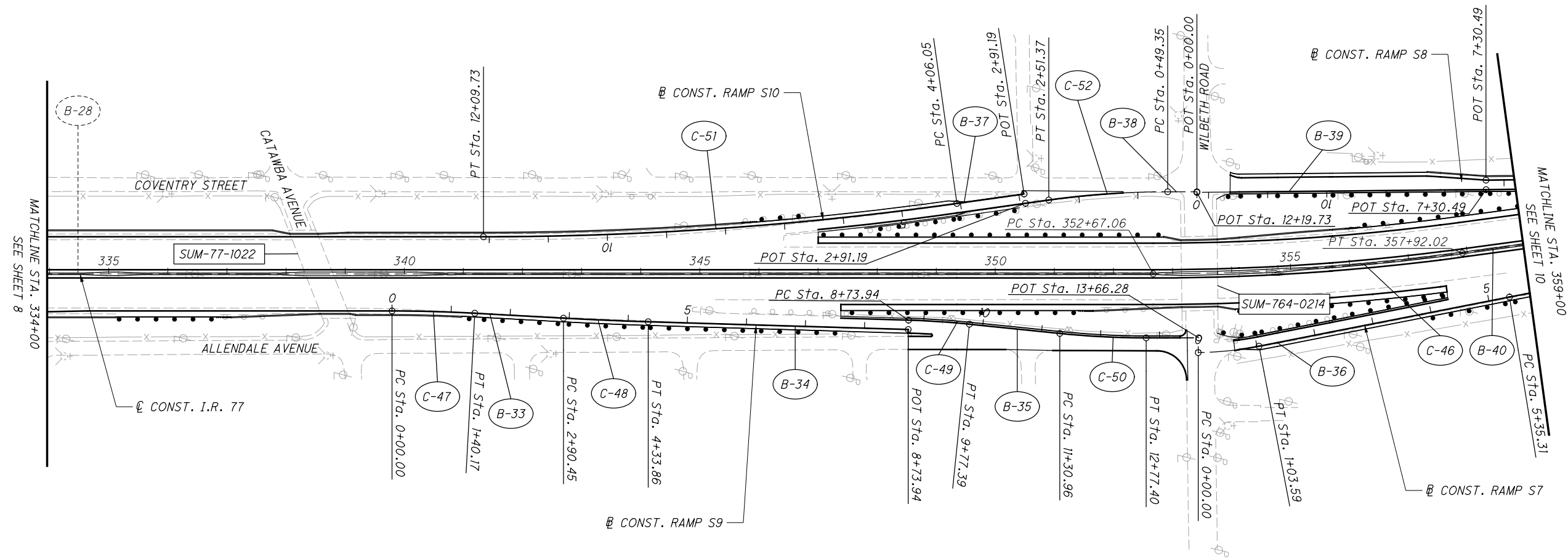
**8.24 / 9.74 / 0.00**

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CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

<b>CURVE 46 - I.R. 77</b> P.I. Sta. 355+29.94 $\Delta = 7^\circ 43' 16''$ (LT) Dc = 1° 28' 15" R = 3,895.54' T = 262.88' L = 524.96' E = 8.86' C = 524.56' C.B. = N 3° 37' 34" W	<b>CURVE 47 - RAMP S9</b> P.I. Sta. 0+70.10 $\Delta = 3^\circ 09' 13''$ (RT) Dc = 2° 15' 00" R = 2,546.48' T = 70.10' L = 140.17' E = 0.96' C = 140.15' C.B. = N 1° 48' 53" E	<b>CURVE 48 - RAMP S9</b> P.I. Sta. 3+62.16 $\Delta = 1^\circ 26' 03''$ (LT) Dc = 1° 00' 00" R = 5,729.58' T = 71.71' L = 143.41' E = 0.45' C = 143.41' C.B. = N 2° 40' 28" E	<b>CURVE 49 - RAMP S9</b> P.I. Sta. 9+25.69 $\Delta = 4^\circ 08' 17''$ (RT) Dc = 4° 00' 00" R = 1,432.39' T = 51.75' L = 103.45' E = 0.93' C = 103.43' C.B. = N 4° 01' 35" E	<b>CURVE 50 - RAMP S9</b> P.I. Sta. 12+04.24 $\Delta = 5^\circ 51' 28''$ (LT) Dc = 4° 00' 00" R = 1,432.39' T = 73.28' L = 146.44' E = 1.87' C = 146.38' C.B. = N 3° 10' 00" E	<b>CURVE 51 - RAMP S10</b> P.I. Sta. 8+08.55 $\Delta = 8^\circ 02' 12''$ (RT) Dc = 1° 00' 00" R = 5,729.58' T = 402.50' L = 803.68' E = 14.12' C = 803.02' C.B. = S 3° 46' 50" E	<b>CURVE 52 - RAMP S10</b> P.I. Sta. 1+50.53 $\Delta = 8^\circ 04' 51''$ (LT) Dc = 4° 00' 00" R = 1,432.39' T = 101.18' L = 202.02' E = 3.57' C = 201.85' C.B. = S 3° 45' 31" E
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<b>BEARING 28 - I.R. 77</b> N 0° 14' 16" E	<b>BEARING 35 - RAMP S9</b> N 6° 05' 44" E	<b>BEARING 38 - RAMP S10</b> S 0° 16' 55" E
<b>BEARING 33 - RAMP S9</b> N 3° 23' 30" E	<b>BEARING 36 - RAMP S7</b> N 10° 52' 58" W	<b>BEARING 39 - RAMP S8</b> S 0° 18' 36" E
<b>BEARING 34 - RAMP S9</b> N 1° 57' 27" E	<b>BEARING 37 - RAMP S10</b> S 7° 47' 56" E	<b>BEARING 40 - I.R. 77</b> N 7° 29' 12" W

**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER
- RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

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**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**  
**SCHEMATIC PLAN - I.R. 77**  
**STA. 334+00 TO STA. 359+00**

9  
138

CURVE 53 - I.R. 77  
 P.I. Sta. 369+05.21  
 $\Delta = 7^\circ 52' 08''$  (RT)  
 $Dc = 0^\circ 59' 44''$   
 $R = 5,756.02'$   
 $T = 395.88'$   
 $L = 790.52'$   
 $E = 13.60'$   
 $C = 789.88'$   
 C.B. = N  $3^\circ 33' 08''$  W

CURVE 54 - RAMP S5  
 P.I. Sta. 3+14.00  
 $\Delta = 7^\circ 12' 55''$  (LT)  
 $Dc = 2^\circ 30' 00''$   
 $R = 2,291.83'$   
 $T = 144.50'$   
 $L = 288.61'$   
 $E = 4.55'$   
 $C = 288.42'$   
 C.B. = N  $3^\circ 52' 35''$  W

CURVE 55A - RAMP S8  
 P.I. Sta. 3+26.39  
 $\Delta = 6^\circ 31' 15''$  (RT)  
 $Dc = 1^\circ 00' 00''$   
 $R = 5,787.58'$   
 $T = 326.39'$   
 $L = 652.08'$   
 $E = 9.29'$   
 $C = 651.72'$   
 C.B. = S  $3^\circ 34' 13''$  E

CURVE 56 - RAMP S6  
 P.I. Sta. 13+18.96  
 $\Delta = 4^\circ 40' 36''$  (LT)  
 $Dc = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 58.49'$   
 $L = 116.91'$   
 $E = 1.19'$   
 $C = 116.88'$   
 C.B. = S  $2^\circ 35' 54''$  W

CURVE 56A - RAMP S7  
 P.I. Sta. 6+94.06  
 $\Delta = 1^\circ 35' 15''$  (RT)  
 $Dc = 0^\circ 30' 00''$   
 $R = 11,459.16'$   
 $T = 158.76'$   
 $L = 317.49'$   
 $E = 1.10'$   
 $C = 317.48'$   
 C.B. = N  $10^\circ 05' 20''$  W

BEARING 40 - I.R. 77  
 N  $7^\circ 29' 12''$  W

BEARING 41 - I.R. 77  
 N  $0^\circ 22' 56''$  E

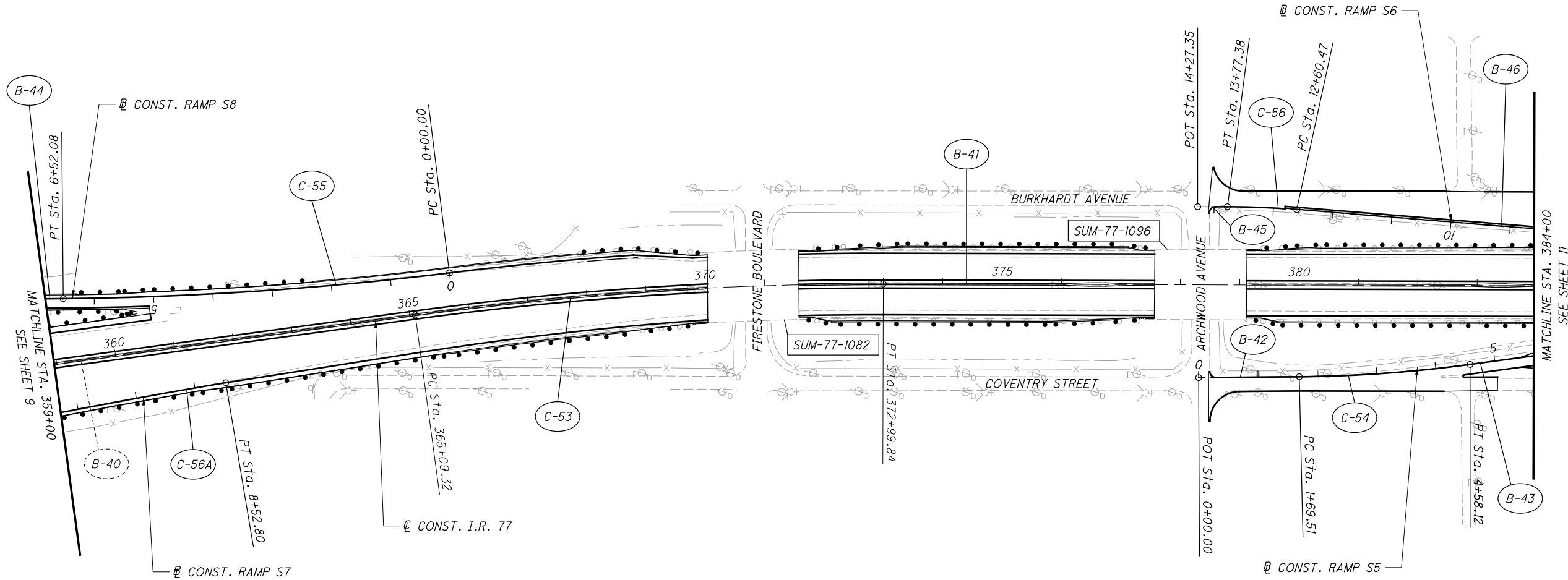
BEARING 44 - RAMP S8  
 S  $0^\circ 18' 36''$  E

BEARING 42 - RAMP S5  
 N  $0^\circ 16' 08''$  E

BEARING 45 - RAMP S6  
 S  $0^\circ 15' 36''$  W

BEARING 43 - RAMP S5  
 N  $7^\circ 29' 03''$  W

BEARING 46 - RAMP S6  
 S  $4^\circ 56' 12''$  W



LEGEND:

(C-#) CURVE NUMBER

(S-#) SPIRAL NUMBER

(B-#) BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

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CALCULATED  
 MLL  
 CHECKED  
 JTJ

0 100 200  
 HORIZONTAL SCALE IN FEET

**SUM-76 / 77 / 8-  
 8.24 / 9.74 / 0.00**

**SCHEMATIC PLAN - I.R. 77  
 STA. 359+00 TO STA. 384+00**

**CURVE 57 - I.R. 77**  
 P.I. Sta. 404+25.71  
 $\Delta = 2^\circ 39' 13''$  (LT)  
 $Dc = 0^\circ 28' 00''$   
 $R = 12,777.67'$   
 $T = 284.37'$   
 $L = 568.63'$   
 $E = 3.29'$   
 $C = 568.58'$   
 C.B. = N 0° 56' 41" W

**CURVE 58 - RAMP S5**  
 P.I. Sta. 9+18.93  
 $\Delta = 6^\circ 26' 03''$  (RT)  
 $Dc = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 107.35'$   
 $L = 214.47'$   
 $E = 3.01'$   
 $C = 214.36'$   
 C.B. = N 4° 16' 01" W

**CURVE 59 - RAMP S6**  
 P.I. Sta. 1+01.26  
 $\Delta = 4^\circ 33' 16''$  (RT)  
 $Dc = 2^\circ 15' 00''$   
 $R = 2,546.48'$   
 $T = 101.26'$   
 $L = 202.42'$   
 $E = 2.01'$   
 $C = 202.37'$   
 C.B. = S 2° 39' 34" W

**CURVE 60 - S.R. 8**  
 P.I. Sta. 4302+70.06  
 $\Delta = 8^\circ 03' 13''$  (RT)  
 $Dc = 0^\circ 30' 00''$   
 $R = 11,459.16'$   
 $T = 806.69'$   
 $L = 1,610.73'$   
 $E = 28.36'$   
 $C = 1,609.40'$   
 C.B. = N 1° 43' 21" E

**BEARING 41 - I.R. 77**  
 N 0° 22' 56" E

**BEARING 43 - RAMP S5**  
 N 7° 29' 03" W

**BEARING 46 - RAMP S6**  
 S 4° 56' 12" W

**BEARING 47 - RAMP S5**  
 N 7° 29' 03" W

**BEARING 48 - RAMP S6**  
 S 4° 56' 12" W

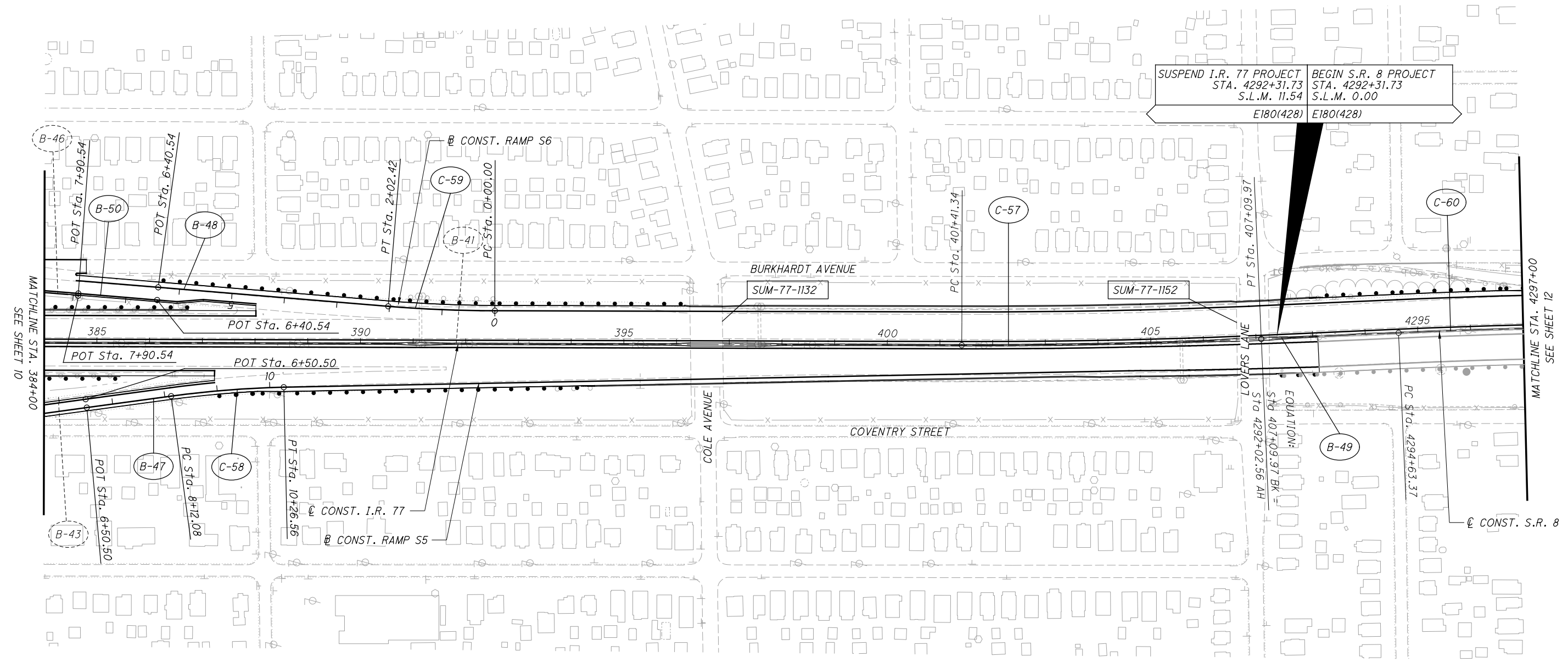
**BEARING 49 - S.R. 8**  
 N 2° 18' 05" W

**BEARING 50 - RAMP S6**  
 S 4° 56' 12" W

  
  
 CALCULATED: MLL  
 CHECKED: JTJ

SUSPEND I.R. 77 PROJECT  
 STA. 4292+31.73  
 S.L.M. 11.54  
 E180(428)

BEGIN S.R. 8 PROJECT  
 STA. 4292+31.73  
 S.L.M. 0.00  
 E180(428)



**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GB204.dgn Sheet 8/7/2020 11:29:31AM mlutes

**SCHEMATIC PLAN - I.R. 77 / S.R. 8  
 STA. 384+00 TO STA. 4297+00**

**SUM-76 / 77 / 8-  
 8.24 / 9.74 / 0.00**

**CURVE 60 - S.R. 8**  
 P.I. Sta. 4302+70.06  
 $\Delta = 8^\circ 03' 13''$  (RT)  
 $Dc = 0^\circ 30' 00''$   
 $R = 11,459.16'$   
 $T = 806.69'$   
 $L = 1,610.73'$   
 $E = 28.36'$   
 $C = 1,609.40'$   
 C.B. =  $N 1^\circ 43' 21'' E$

**CURVE 61 - RAMP N**  
 P.I. Sta. 3323+37.81  
 $\Delta = 4^\circ 43' 07''$  (LT)  
 $Dc = 1^\circ 45' 00''$   
 $R = 3,274.04'$   
 $T = 84.84'$   
 $Lc = 169.64'$   
 $Es = 1.09'$   
 $C = 169.62'$   
 C.B. =  $N 3^\circ 26' 39'' W$

**SPIRAL 21 - RAMP N**  
 P.I. STA. 3322+42.42  
 $Ls = 200.00'$   
 $\theta s = 1^\circ 45' 00''$   
 $LT = 133.34'$   
 $ST = 66.67'$   
 $x = 199.98'$   
 $y = 2.04'$   
 $k = 100.00'$   
 $p = 0.51'$

**CURVE 62 - RAMP P**  
 P.I. Sta. 5340+30.08  
 $\Delta = 70^\circ 03' 32''$  (RT)  
 $Dc = 9^\circ 45' 00''$   
 $R = 587.65'$   
 $T = 411.93'$   
 $L = 718.55'$   
 $E = 130.00'$   
 $C = 674.62'$   
 C.B. =  $S 50^\circ 56' 26'' W$

**CURVE 63 - RAMP S**  
 P.I. Sta. 6339+76.37  
 $\Delta = 40^\circ 00' 42''$  (LT)  
 $Dc = 8^\circ 45' 00''$   
 $R = 654.81'$   
 $T = 238.41'$   
 $L = 457.28'$   
 $E = 42.05'$   
 $C = 448.04'$   
 C.B. =  $S 4^\circ 05' 41'' E$

**CURVE 64 - RAMP S**  
 P.I. Sta. 6347+87.51  
 $\Delta = 86^\circ 29' 52''$  (LT)  
 $Dc = 9^\circ 06' 00''$   
 $R = 629.62'$   
 $T = 592.27'$   
 $L = 950.53'$   
 $E = 234.79'$   
 $C = 862.80'$   
 C.B. =  $S 67^\circ 20' 58'' E$

**BEARING 51 - S.R. 8**  
 $N 5^\circ 44' 57'' W$

**BEARING 52 - RAMP M**  
 $S 0^\circ 56' 10'' W$

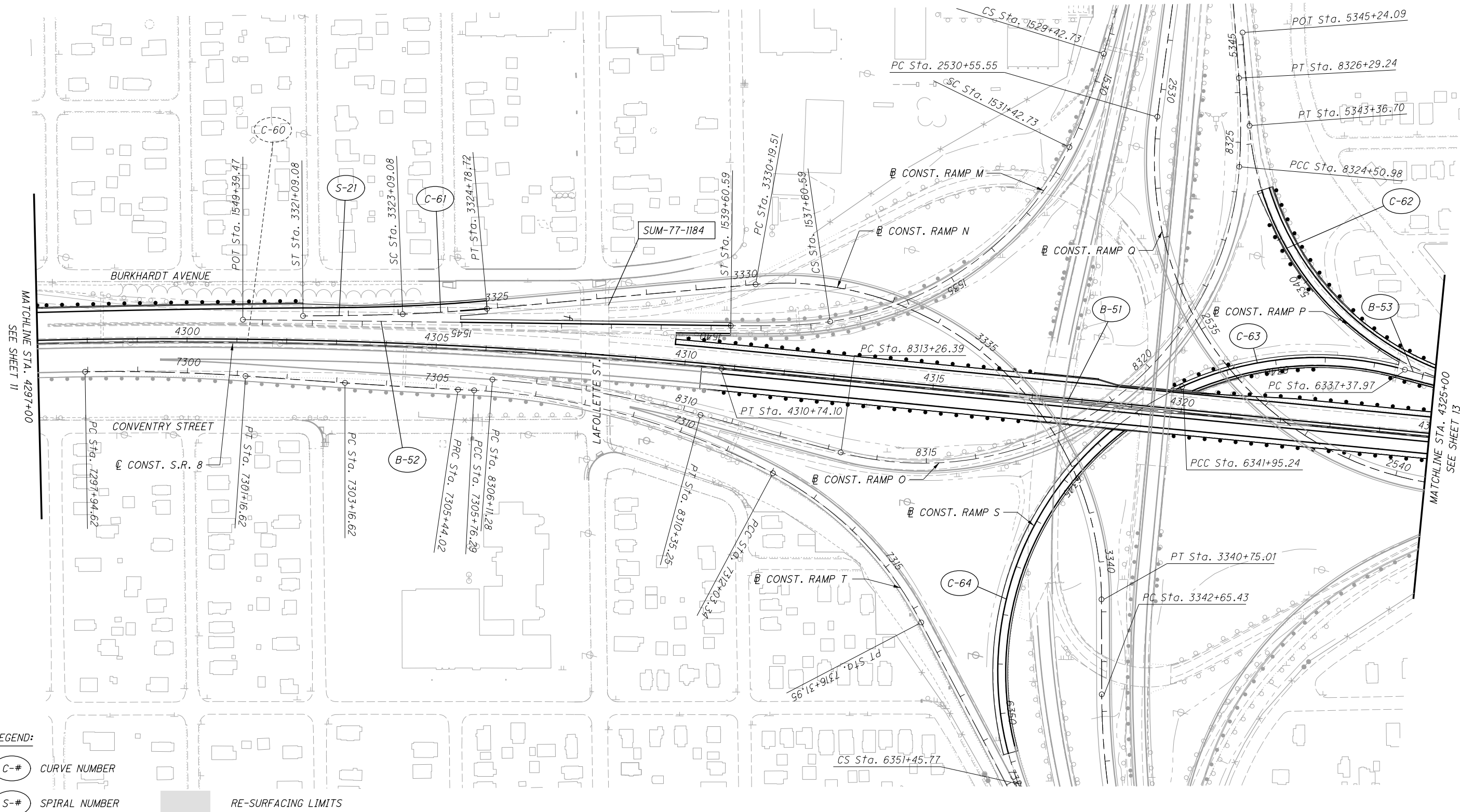
**BEARING 53 - RAMP S**  
 $S 15^\circ 54' 40'' W$



CALCULATED  
 MLL  
 CHECKED  
 JTW

**SUM-76 / 77 / 8 -**  
**8.24 / 9.74 / 0.00**  
**SCHEMATIC PLAN - S.R. 8**  
**STA. 4297+00 TO STA. 4325+00**

**SUM-76 / 77 / 8 -**  
**8.24 / 9.74 / 0.00**



- LEGEND:**
- (C-#) CURVE NUMBER
  - (S-#) SPIRAL NUMBER
  - (B-#) BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GB205.dgn Sheet 8/7/2020 11:29:54 AM milutes

MATCHLINE STA. 4297+00  
 SEE SHEET 11

MATCHLINE STA. 4325+00  
 SEE SHEET 13



CURVE 62 - RAMP P  
 P.I. Sta. 5340+30.08  
 $\Delta = 70^\circ 03' 32''$  (RT)  
 $Dc = 9^\circ 45' 00''$   
 $R = 587.65'$   
 $T = 411.93'$   
 $L = 718.55'$   
 $E = 130.00'$   
 $C = 674.62'$   
 C.B. = S 50° 56' 26" W

CURVE 65 - S.R. 8  
 P.I. Sta. 328+39.86  
 $\Delta = 6^\circ 46' 35''$  (LT)  
 $Dc = 1^\circ 00' 00''$   
 $R = 5,729.58'$   
 $T = 339.22'$   
 $L = 677.65'$   
 $E = 10.03'$   
 $C = 677.25'$   
 C.B. = N 2° 21' 40" E

CURVE 66 - RAMP S  
 P.I. Sta. 6331+97.27  
 $\Delta = 10^\circ 09' 43''$  (RT)  
 $Dc = 9^\circ 00' 00''$   
 $R = 636.62'$   
 $T = 56.60'$   
 $L = 112.91'$   
 $E = 2.51'$   
 $C = 112.76'$   
 C.B. = S 10° 49' 49" W

CURVE 67 - RAMP S1  
 P.I. Sta. 4+64.41  
 $\Delta = 6^\circ 11' 10''$  (RT)  
 $Dc = 0^\circ 40' 00''$   
 $R = 8,594.37'$   
 $T = 464.41'$   
 $L = 927.91'$   
 $E = 12.54'$   
 $C = 927.46'$   
 C.B. = N 2° 03' 57" E

BEARING 51 - S.R. 8  
 N 5° 44' 57" W

BEARING 53 - RAMP S  
 S 15° 54' 40" W

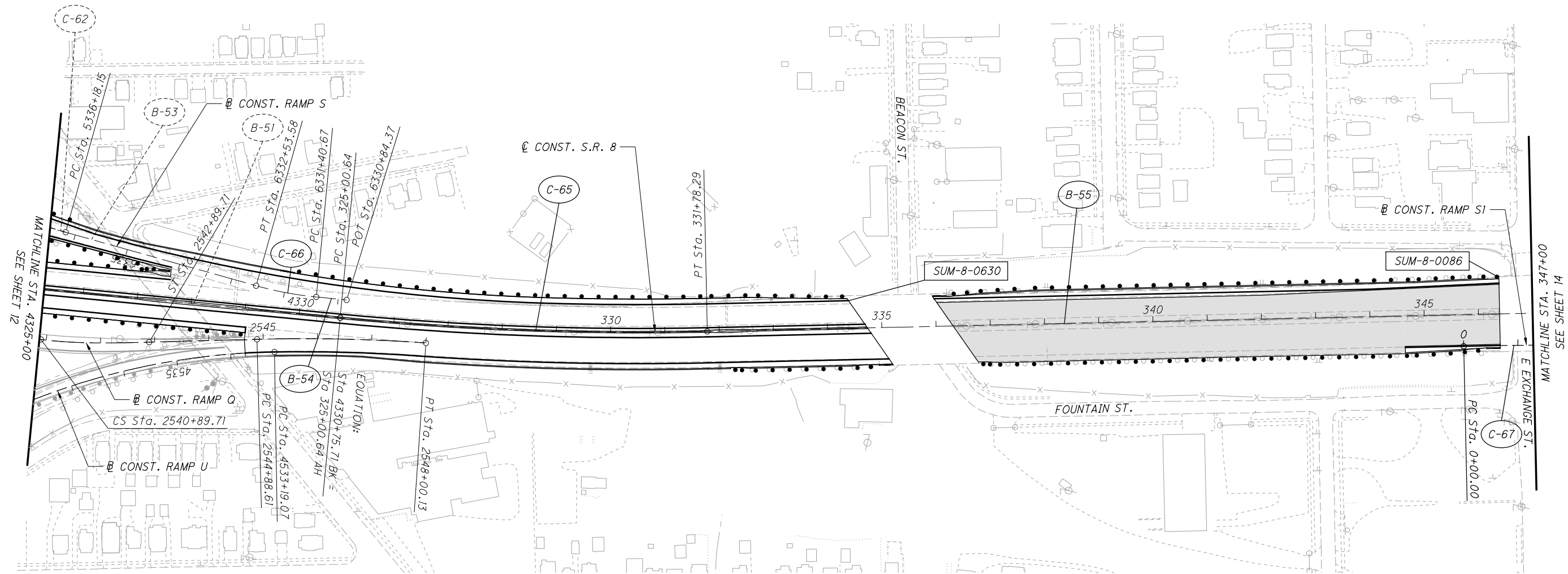
BEARING 54 - RAMP S  
 S 5° 44' 57" W

BEARING 55 - S.R. 8  
 N 1° 01' 38" W

CALCULATED  
 MLL  
 CHECKED  
 JTJ

0 100 200  
 HORIZONTAL  
 SCALE IN FEET

N



LEGEND:

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GB206.dgn Sheet 8/7/2020 11:30:18 AM miles

**SUM-76 / 77 / 8 -**  
**8.24 / 9.74 / 0.00**

**SCHEMATIC PLAN - S.R. 8**  
**STA. 4325+00 TO STA. 347+00**

13  
 138

**CURVE 67 - RAMP S1**  
 P.I. Sta. 4+64.41  
 $\Delta = 6^\circ 11' 10''$  (RT)  
 $Dc = 0^\circ 40' 00''$   
 $R = 8,594.37'$   
 $T = 464.41'$   
 $L = 927.91'$   
 $E = 12.54'$   
 $C = 927.46'$   
 C.B. = N 2° 03' 57" E

**CURVE 68 - S.R. 8**  
 P.I. Sta. 368+47.03  
 $\Delta = 7^\circ 46' 07''$  (RT)  
 $Dc = 0^\circ 30' 13''$   
 $R = 11,375.75'$   
 $T = 772.39'$   
 $L = 1,542.41'$   
 $E = 26.19'$   
 $C = 1,541.23'$   
 C.B. = N 2° 51' 26" E

**CURVE 69 - RAMP S1**  
 P.I. Sta. 14+12.87  
 $\Delta = 6^\circ 11' 54''$  (LT)  
 $Dc = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 103.41'$   
 $L = 206.61'$   
 $E = 2.80'$   
 $C = 206.51'$   
 C.B. = N 2° 03' 35" E

**CURVE 70 - RAMP T**  
 P.I. Sta. 56+45.82  
 $\Delta = 11^\circ 00' 00''$  (RT)  
 $Dc = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 137.92'$   
 $L = 275.00'$   
 $E = 6.62'$   
 $C = 274.58'$   
 C.B. = N 3° 31' 38" W

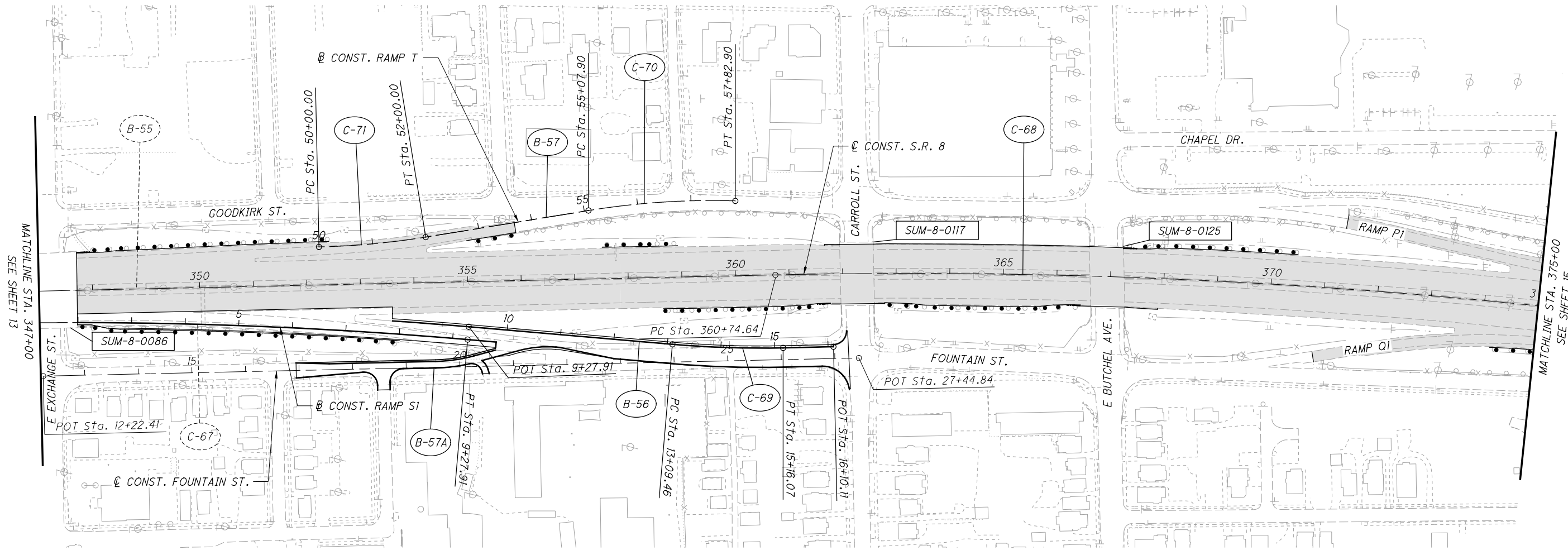
**CURVE 71 - RAMP T**  
 P.I. Sta. 51+00.16  
 $\Delta = 8^\circ 00' 00''$  (LT)  
 $Dc = 4^\circ 00' 00''$   
 $R = 1,432.39'$   
 $T = 100.16'$   
 $L = 200.00'$   
 $E = 3.50'$   
 $C = 199.84'$   
 C.B. = N 5° 01' 38" W

**BEARING 55 - S.R. 8**  
 N 1° 01' 38" W

**BEARING 56 - RAMP S1**  
 N 1° 02' 22" W

**BEARING 57 - RAMP T**  
 N 9° 01' 38" W

**BEARING 57A - FOUNTAIN ST.**  
 N 1° 02' 22" W



**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER

RE-SURFACING LIMITS

\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GB207.dgn Sheet 8/7/2020 11:30:24 AM miltes

0 100 200  
 HORIZONTAL  
 SCALE IN FEET

CALCULATED	MLL	CHECKED	JTW
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**SCHEMATIC PLAN - S.R. 8**  
**STA. 347+00 TO STA. 375+00**

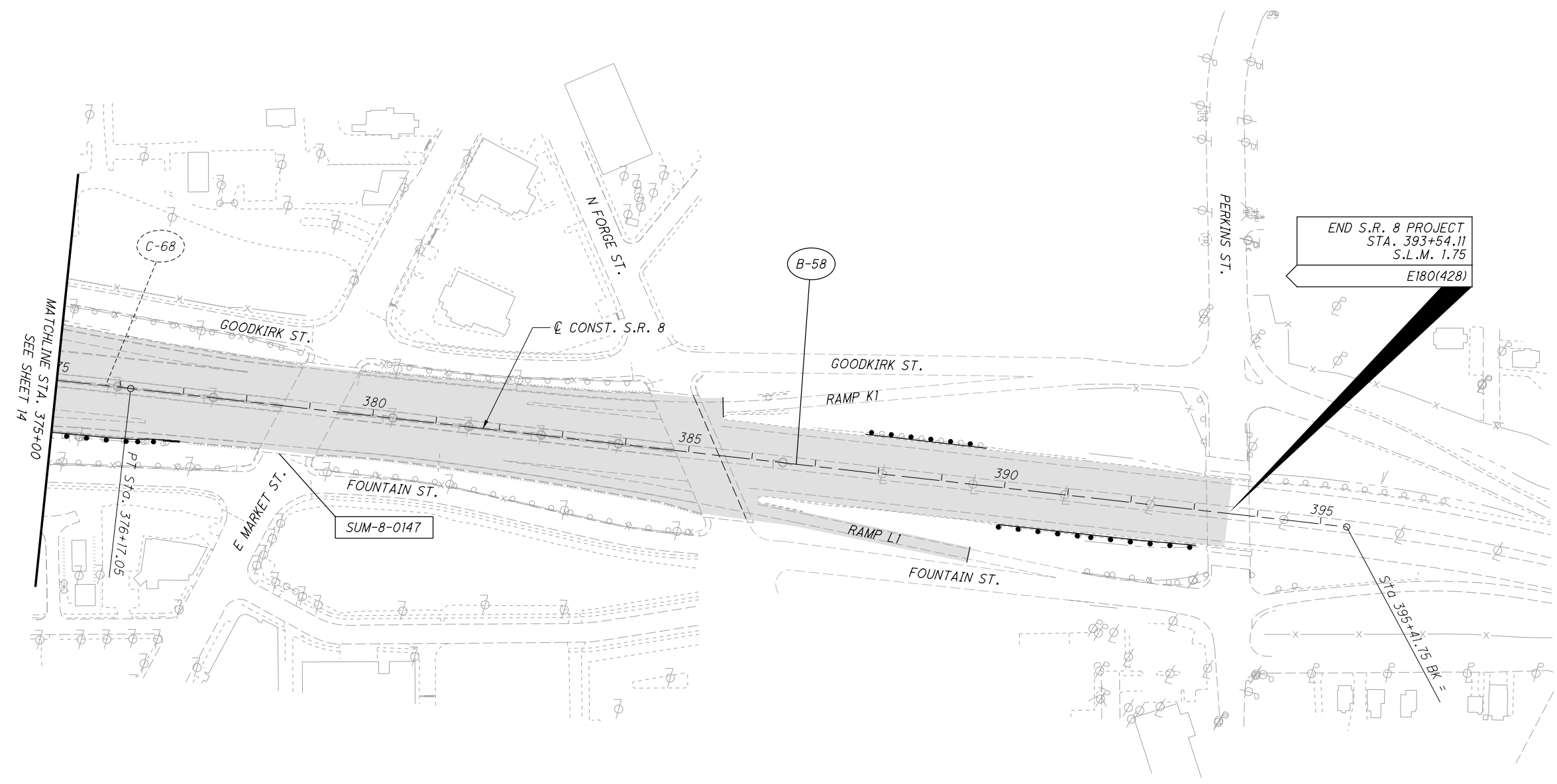
**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

**CURVE 68 - S.R. 8**  
 P.I. Sta. 368+47.03  
 $\Delta = 7^\circ 46' 07''$  (RT)  
 $Dc = 0^\circ 30' 13''$   
 $R = 11,375.75'$   
 $T = 772.39'$   
 $L = 1,542.41'$   
 $E = 26.19'$   
 $C = 1,541.23'$   
 $C.B. = N 2^\circ 51' 26'' E$

**BEARING 58 - S.R. 8**  
 $N 6^\circ 44' 29'' W$

CALCULATED  
 MLL  
 CHECKED  
 JTJ

0 100 200  
 HORIZONTAL  
 SCALE IN FEET



**LEGEND:**

- C-# CURVE NUMBER
- S-# SPIRAL NUMBER
- B-# BEARING NUMBER
- RE-SURFACING LIMITS

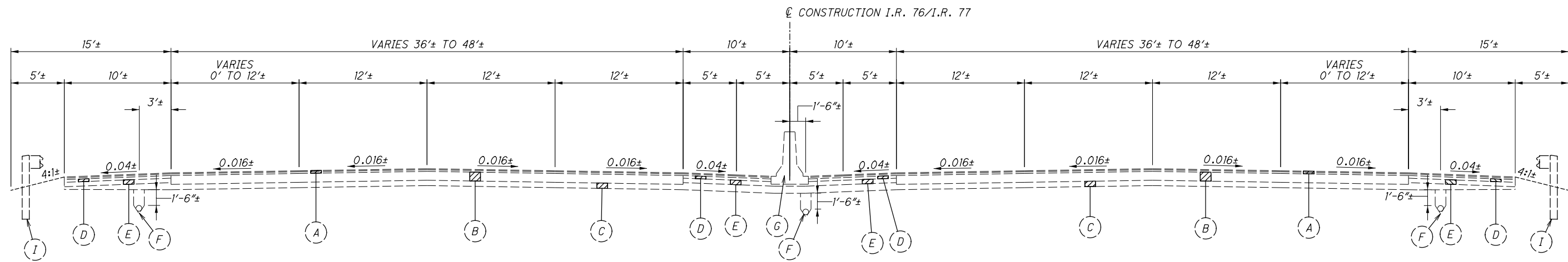
\*THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE PROJECT LIMITS

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GB208.dgn Sheet 8/7/2020 11:30:30 AM mlutes

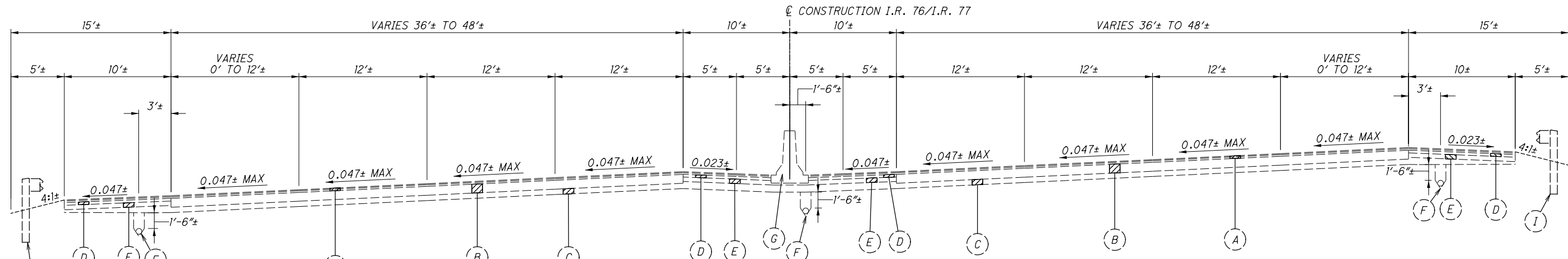
**SUM-76 / 77 / 8-  
 8.24 / 9.74 / 0.00**

**SCHEMATIC PLAN - S.R. 8  
 STA. 375+00 TO END S.R. 8 PROJECT**

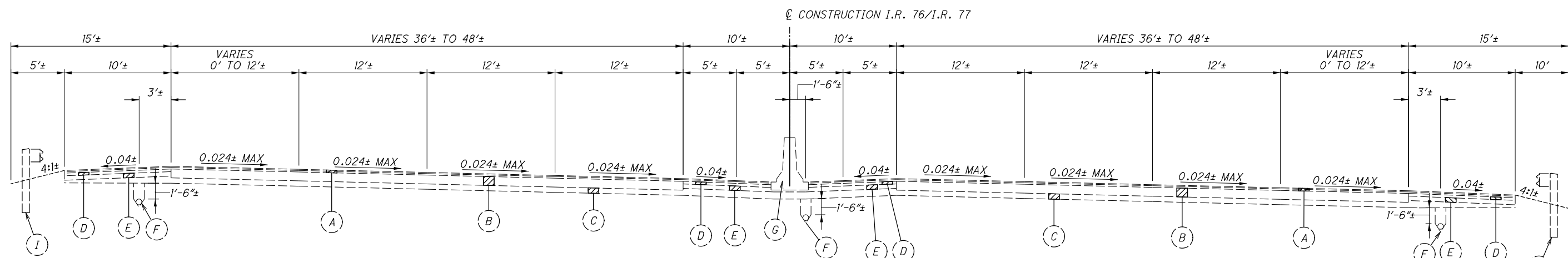
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY101.dgn Sheet 8/7/2020 11:30:33 AM mlufes



**EXISTING NORMAL SECTION - I.R. 76/I.R. 77**



**EXISTING SUPERELEVATED LEFT SECTION - I.R. 76/I.R. 77**



**EXISTING SUPERELEVATED RIGHT SECTION - I.R. 76/I.R. 77**

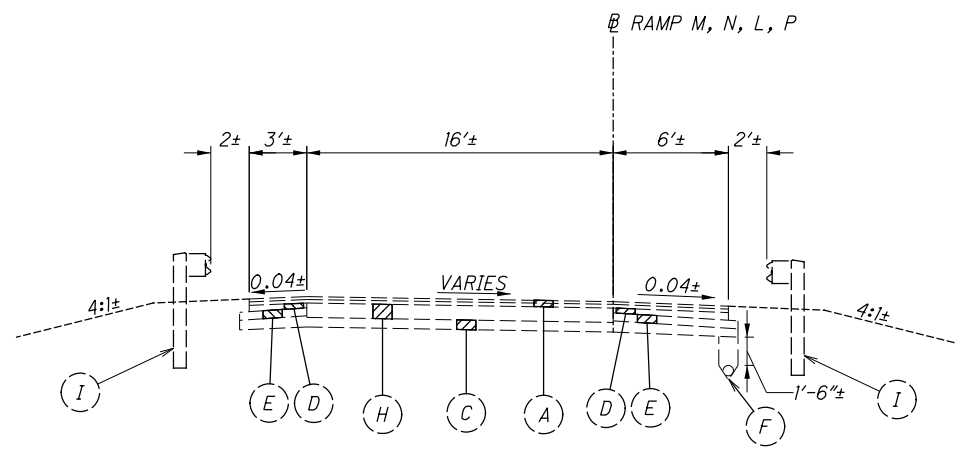
**EXISTING LEGEND (SUM-76-8.24) (SUM-77-15.18)**

- |   |  |
|---|--|
| (A) EX. VARIES 3"-4"± ASPHALT CONCRETE    | (F) EX. UNDERDRAIN                       |
| (B) EX. 10"± REINFORCED CONCRETE PAVEMENT | (G) EX. CONCRETE BARRIER                 |
| (C) EX. 6"± SUBBASE                       | (H) EX. 9"± REINFORCED CONCRETE PAVEMENT |
| (D) EX. 3"± AGGREGATE BASE COURSE         | (I) EX. GUARDRAIL                        |
| (E) EX. 5"± AGGREGATE BASE                | (J) EX. 9"± BITUMINIOUS AGGREGATE BASE   |

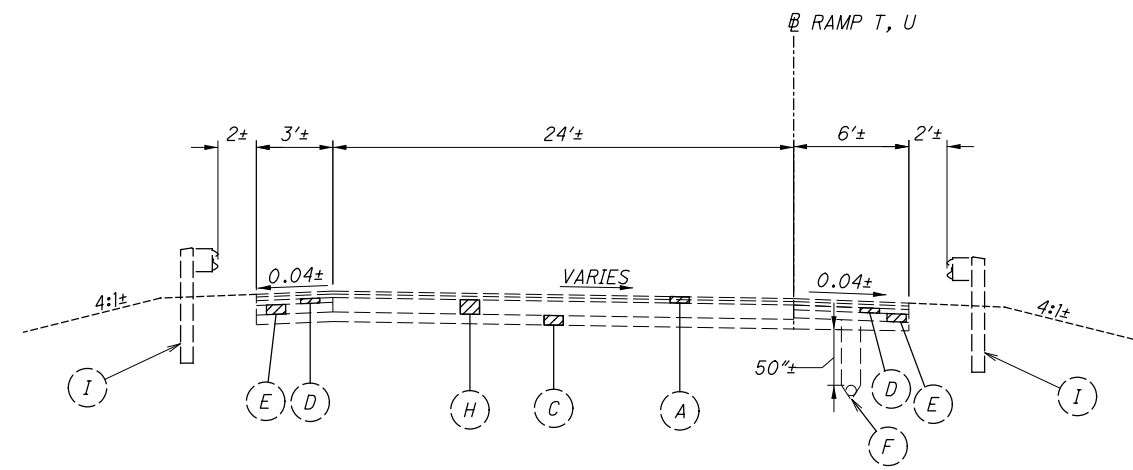
**EXISTING TYPICAL SECTIONS - I.R. 76/I.R. 77**

**SUM-76/77/8-8.24/9.74/0.00**

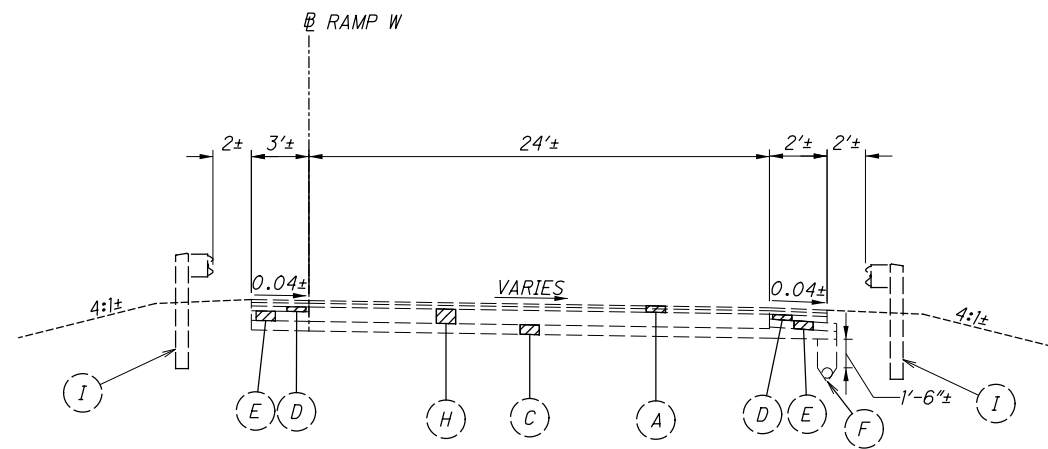
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY102.dgn Sheet 8/7/2020 11:30:35 AM mlufes



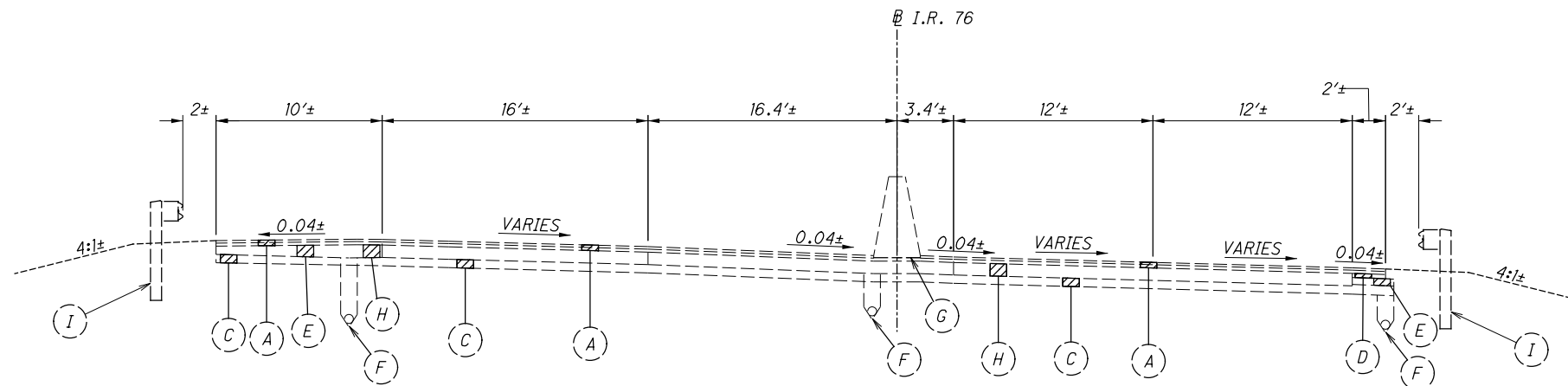
EXISTING RAMP M, N, L, & P SECTION



EXISTING RAMP T & U SECTION



EXISTING RAMP W SECTION

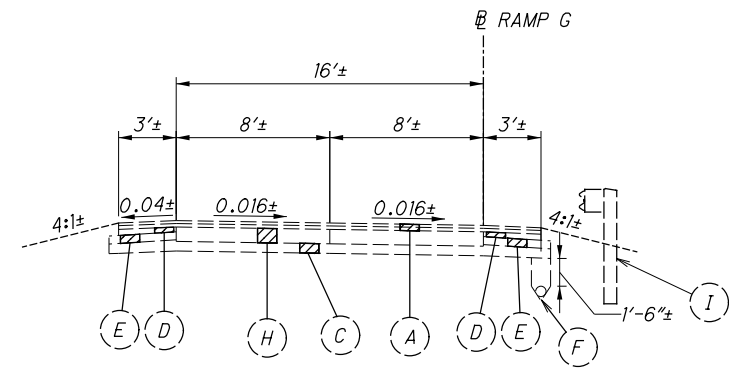


EXISTING RAMP I.R. 76 SECTION

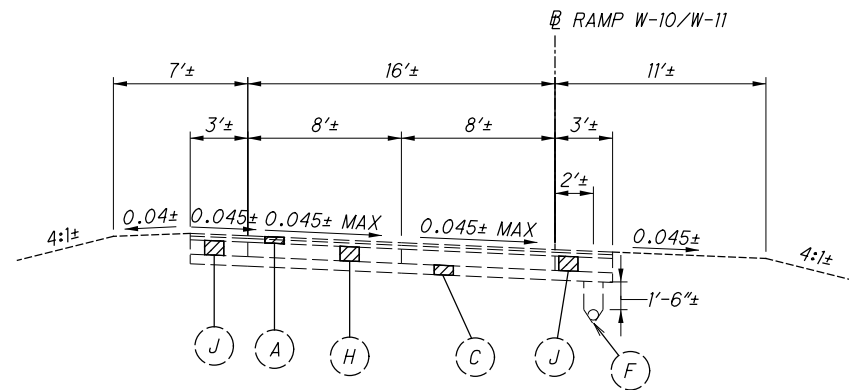
\* FOR LEGEND, SEE SHEET 16

EXISTING TYPICAL SECTIONS - I.R. 76 / I.R. 77

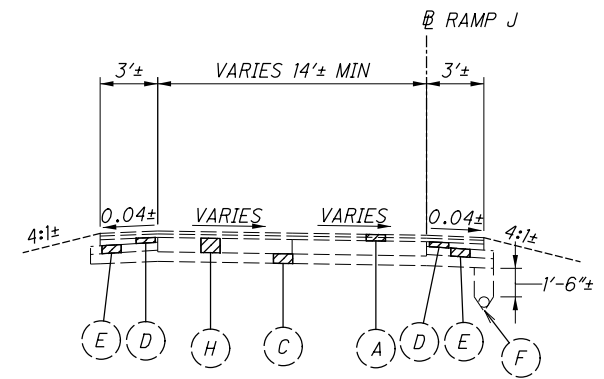
SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00



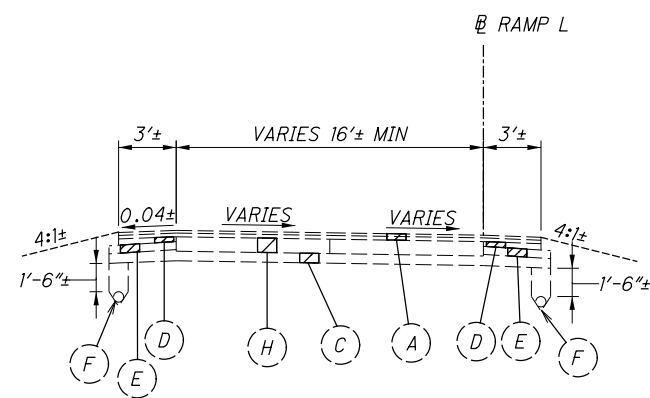
EXISTING RAMP G SECTION



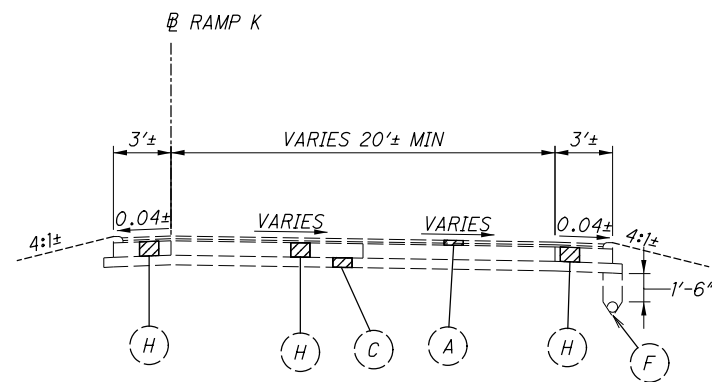
EXISTING RAMP W-10 & W-11 SECTION



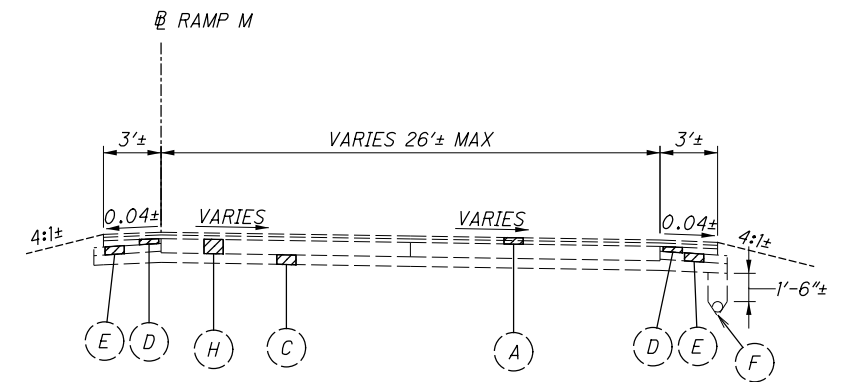
EXISTING RAMP J SECTION



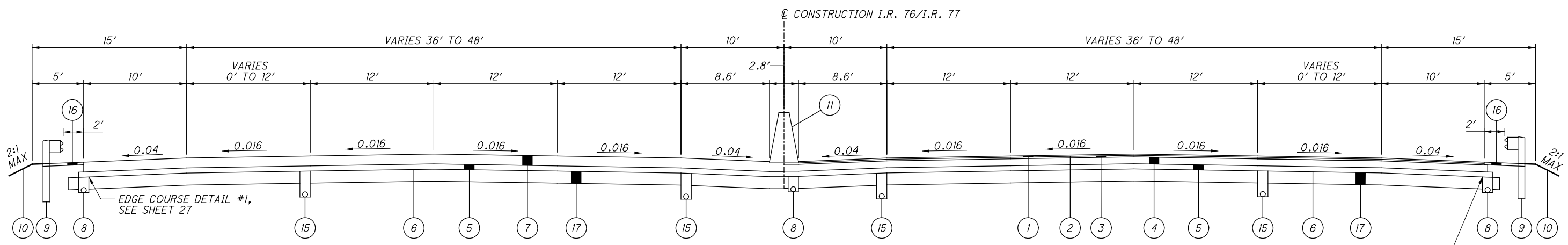
EXISTING RAMP L SECTION



EXISTING RAMP K SECTION

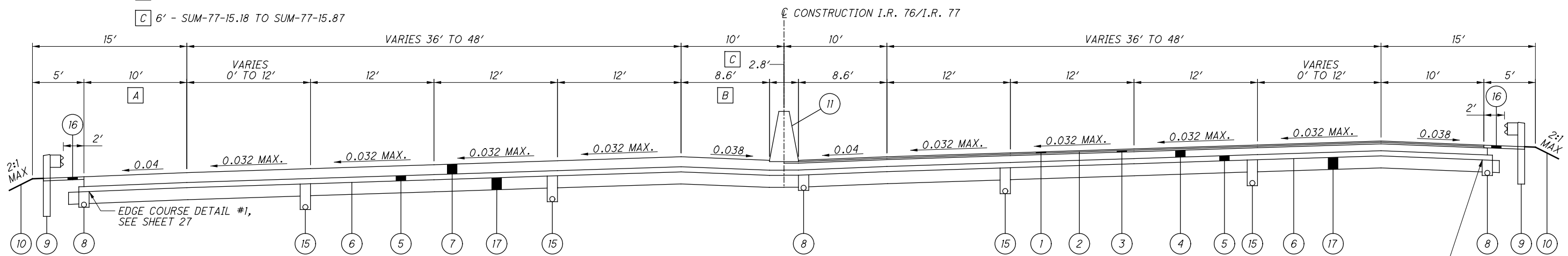


EXISTING RAMP M SECTION



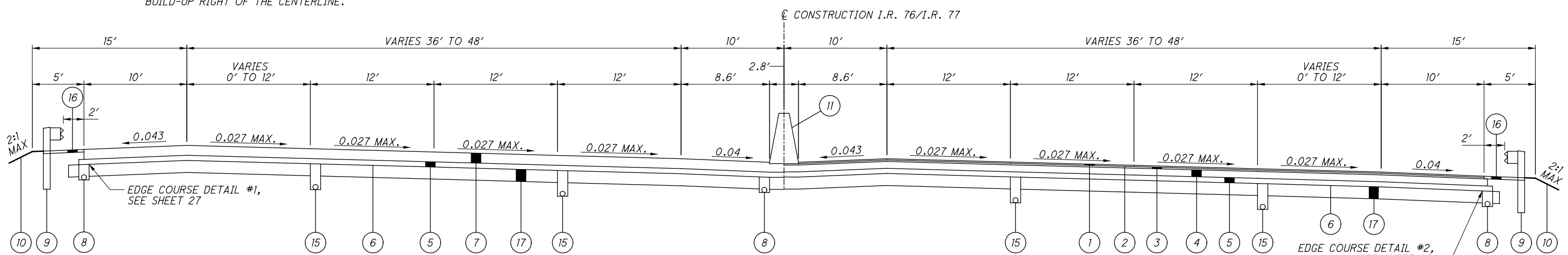
**PROPOSED NORMAL SECTION - I.R. 76/I.R. 77**

- [A] 2' - SUM-77-15.18 TO SUM-77-15.87
- [B] 4.6' - SUM-77-15.18 TO SUM-77-15.87
- [C] 6' - SUM-77-15.18 TO SUM-77-15.87



**PROPOSED SUPERELEVATED LEFT SECTION - I.R. 76/I.R. 77**

- NOTES:**
1. TYPICAL SECTIONS SHOW PROPOSED RIGID PAVEMENT BUILD-UP LEFT OF THE CENTERLINE AND PROPOSED FLEXIBLE PAVEMENT BUILD-UP RIGHT OF THE CENTERLINE.



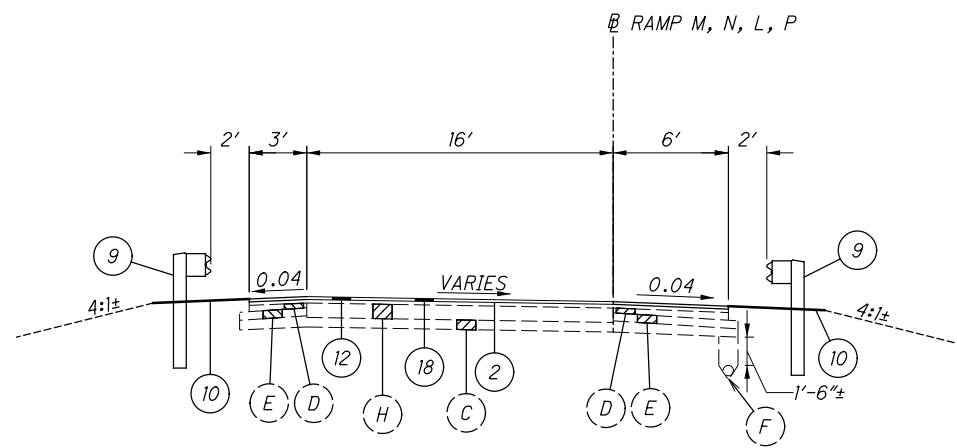
**PROPOSED SUPERELEVATED RIGHT SECTION - I.R. 76/I.R. 77**

**PROPOSED LEGEND (SUM-76-8.24) (SUM-77-15.18)**

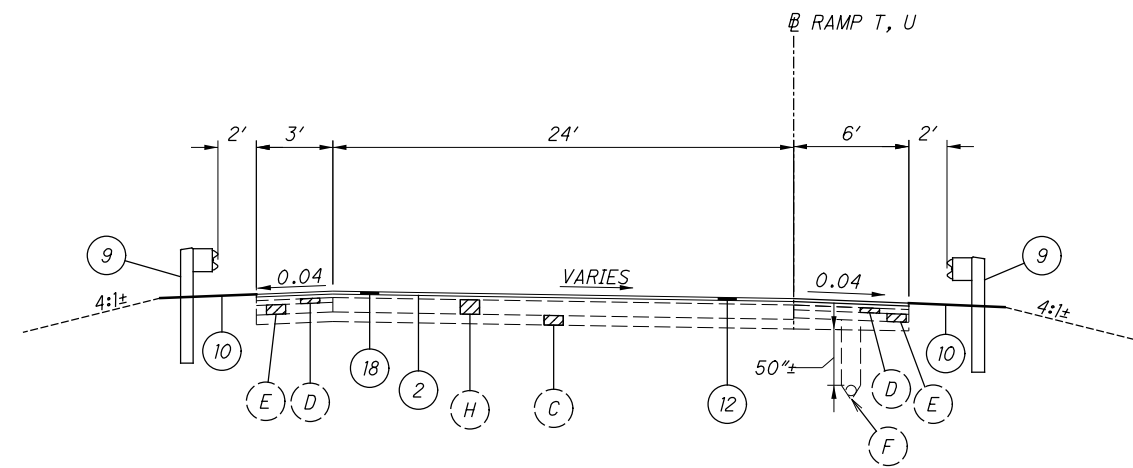
- |  |  |   |   |
|--|--|---|---|
| <ul style="list-style-type: none"> <li>① ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN</li> <li>② ITEM 407 - NON-TRACKING TACK COAT</li> <li>③ ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN</li> <li>④ ITEM 302 - 8" ASPHALT CONCRETE BASE, PG64-22</li> <li>⑤ ITEM 304 - 6" AGGREGATE BASE, AS PER PLAN</li> </ul> | <ul style="list-style-type: none"> <li>⑥ ITEM 204 - PROOF ROLLING</li> <li>⑦ ITEM 452 - 13" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QC/QA</li> <li>⑧ ITEM 605 - 6" BASE PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC, 18"</li> <li>⑨ ITEM 606 - GUARDRAIL, TYPE MGS</li> <li>⑩ ITEM 659 - SEEDING AND MULCHING</li> </ul> | <ul style="list-style-type: none"> <li>⑪ ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 OR C1</li> <li>⑫ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")</li> <li>⑬ ITEM 609 - CURB, TYPE 4-A</li> <li>⑭ ITEM 609 - CURB, TYPE 4-C</li> <li>⑮ ITEM 605 - 6" SHALLOW PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC, 30"</li> </ul> | <ul style="list-style-type: none"> <li>⑯ ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL)</li> <li>⑰ ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP</li> <li>⑱ ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN</li> </ul> |
|--|--|---|---|

P:\02329\_SUM-76-77\Design\Roadway\Sheets\02329.dgn Sheet 1/27/2021 2:51:27 PM mlufes

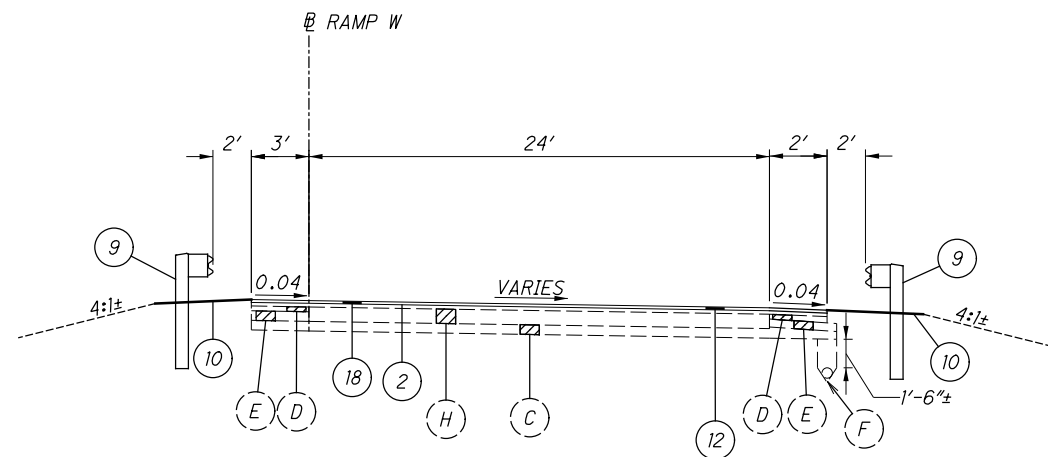
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY104.dgn Sheet 12/14/2020 8:51:09 AM mlutes



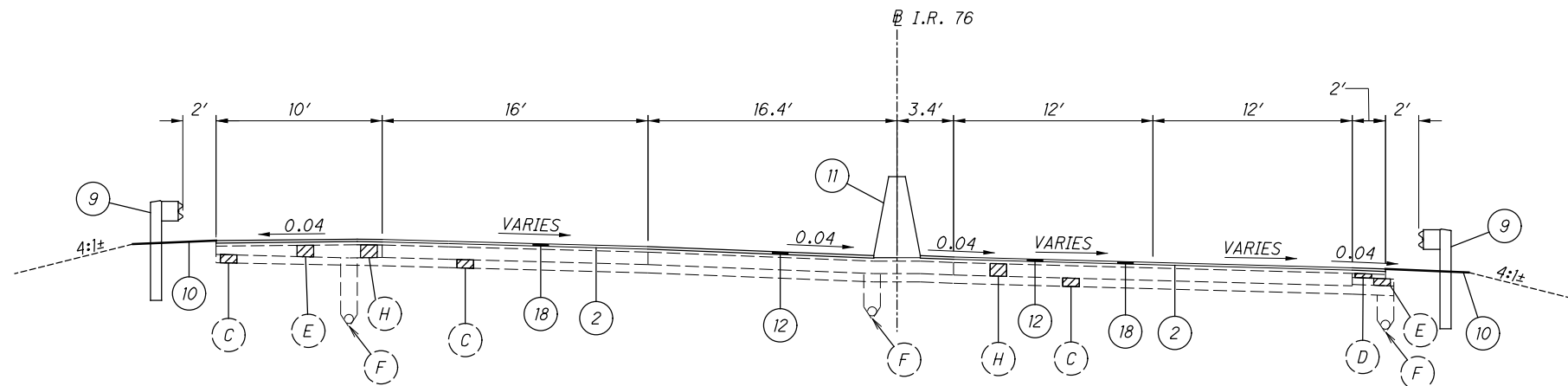
**PROPOSED RAMP M, N, L, & P RESURFACING SECTION**



**PROPOSED RAMP T & U RESURFACING SECTION**



**PROPOSED RAMP W RESURFACING SECTION**



**PROPOSED I.R. 76 RESURFACING SECTION**

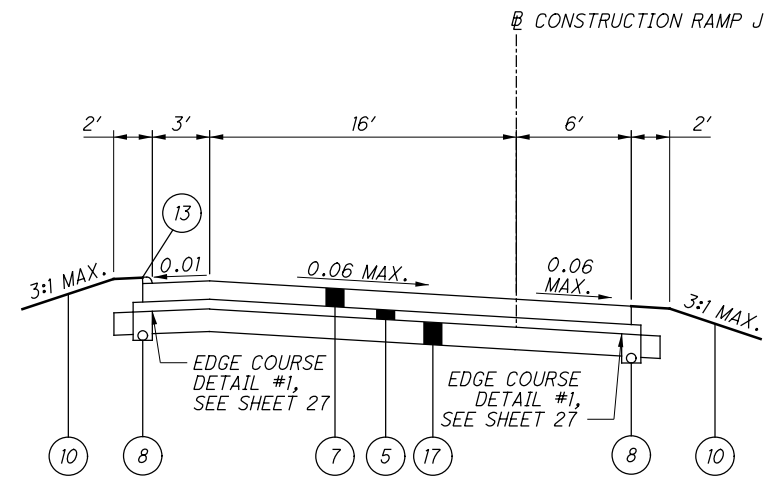
\* FOR LEGEND, SEE SHEET 19

**PROPOSED TYPICAL SECTIONS - I.R. 76 / I.R. 77**

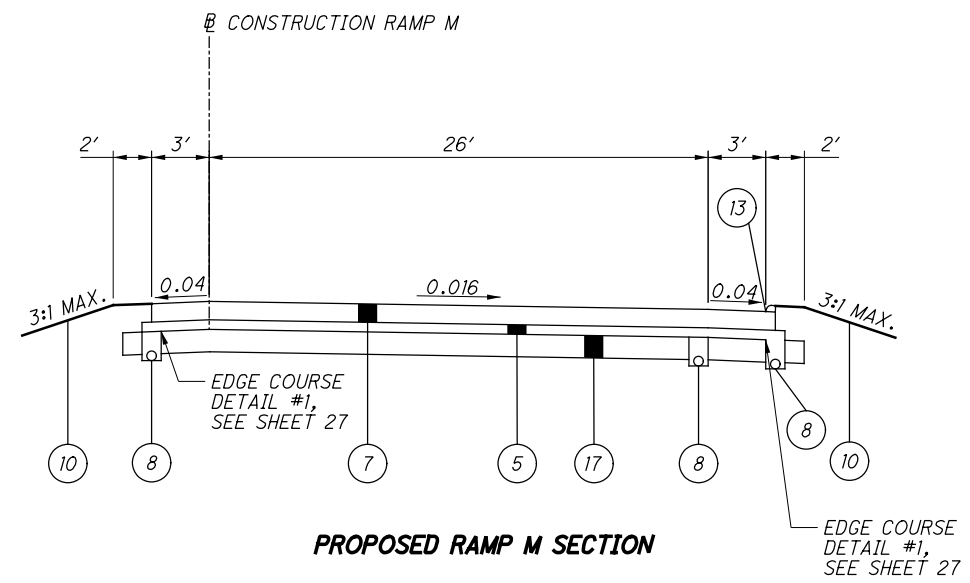
**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**



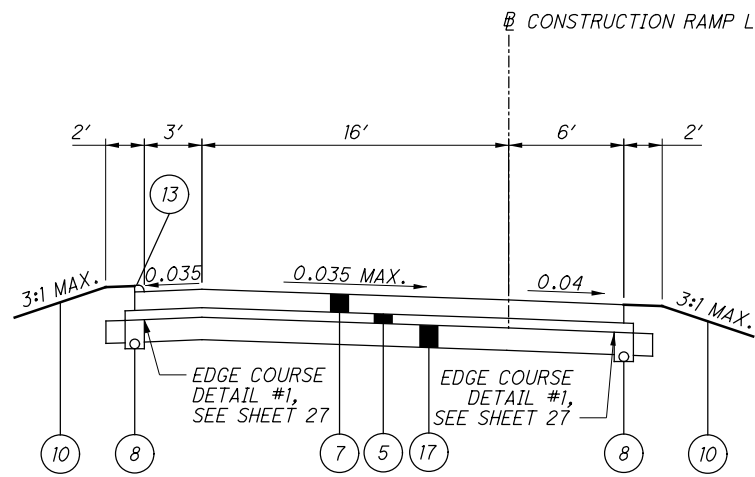
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY105.dgn Sheet 8/7/2020 11:30:43 AM mlufes



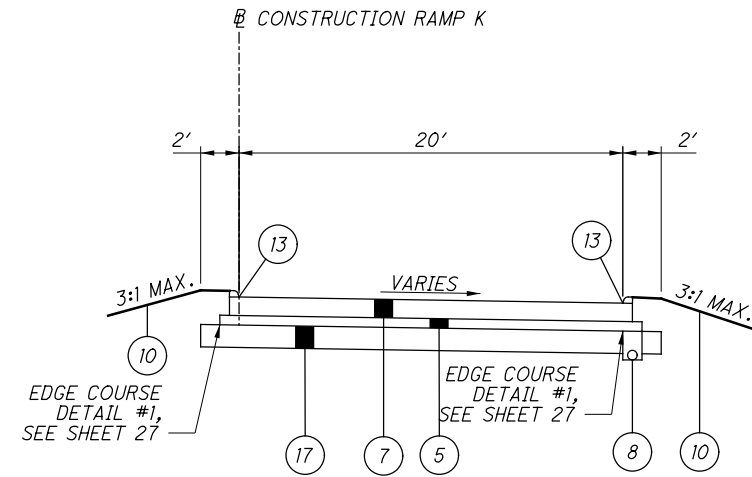
PROPOSED RAMP J SECTION



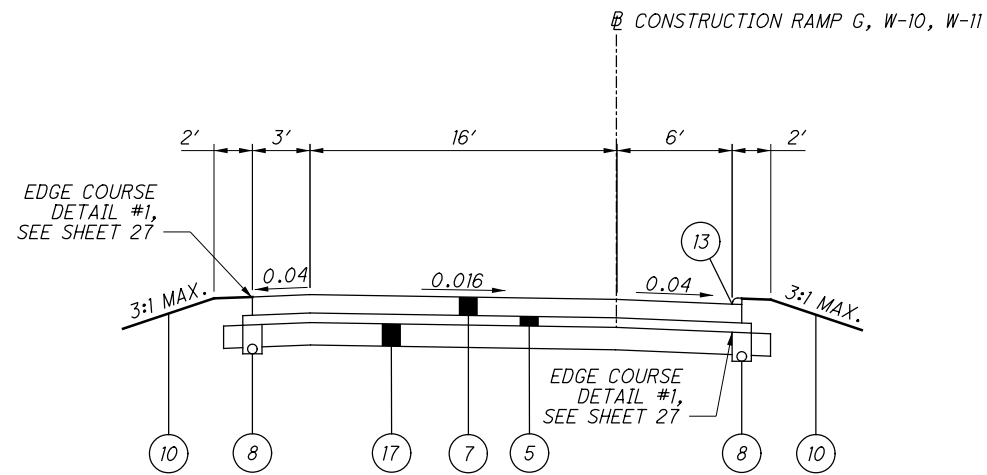
PROPOSED RAMP M SECTION



PROPOSED RAMP L SECTION

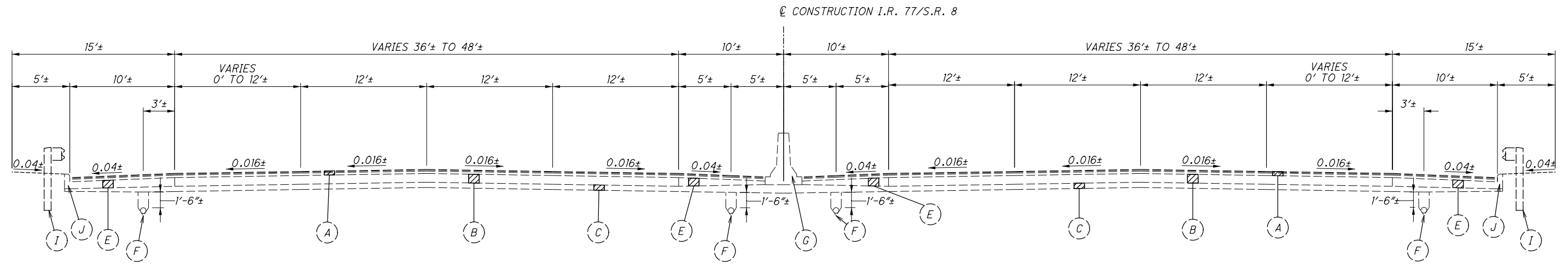


PROPOSED RAMP K SECTION

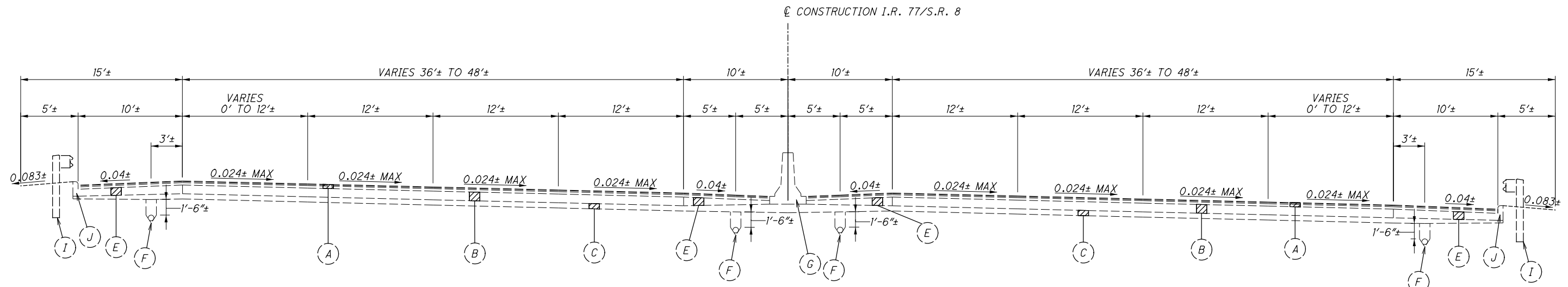


PROPOSED RAMP G, W-10, & W-11 SECTION

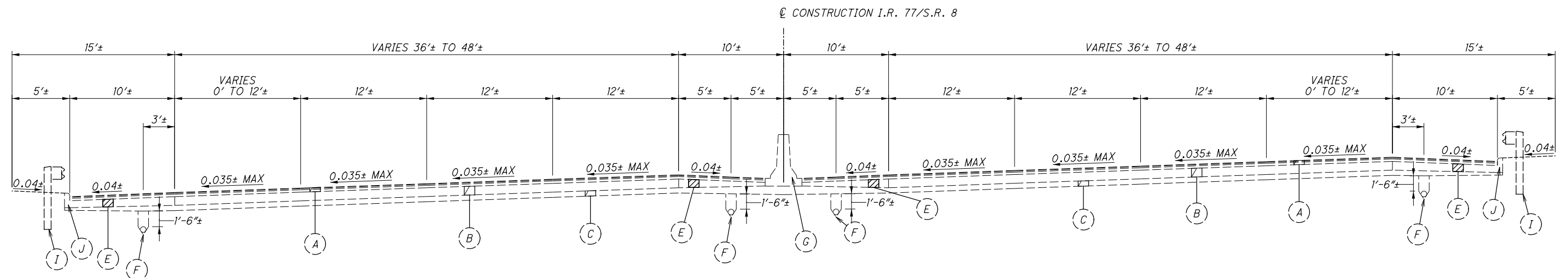
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY201.dgn Sheet 8/7/2020 11:30:45 AM mlr/tes



**EXISTING NORMAL SECTION - I.R. 77/S.R. 8**



**EXISTING SUPERELEVATED LEFT SECTION - I.R. 77/S.R. 8**



**EXISTING SUPERELEVATED RIGHT SECTION - I.R. 77/S.R. 8**

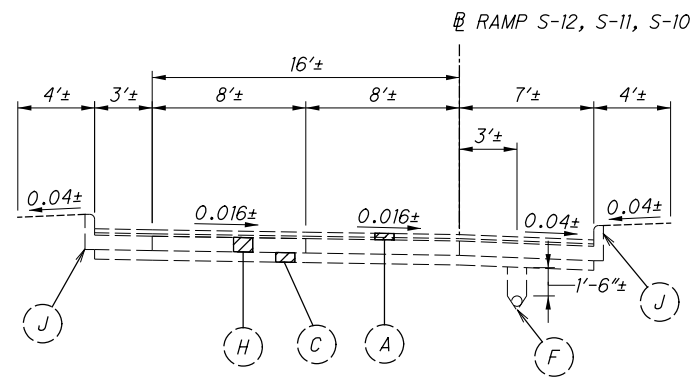
**EXISTING LEGEND (SUM-77-9.74) (SUM-8-0.00)**

- |   |  |
|---|--|
| (A) EX. VARIES 4"±-5"± ASPHALT CONCRETE   | (F) EX. UNDERDRAIN                       |
| (B) EX. 10"± REINFORCED CONCRETE PAVEMENT | (G) EX. CONCRETE BARRIER                 |
| (C) EX. 6"± SUBBASE                       | (H) EX. 9"± REINFORCED CONCRETE PAVEMENT |
| (D) NOT USED                              | (I) EX. GUARDRAIL                        |
| (E) EX. 10"± AGGREGATE BASE               | (J) EX. CONCRETE CURB                    |

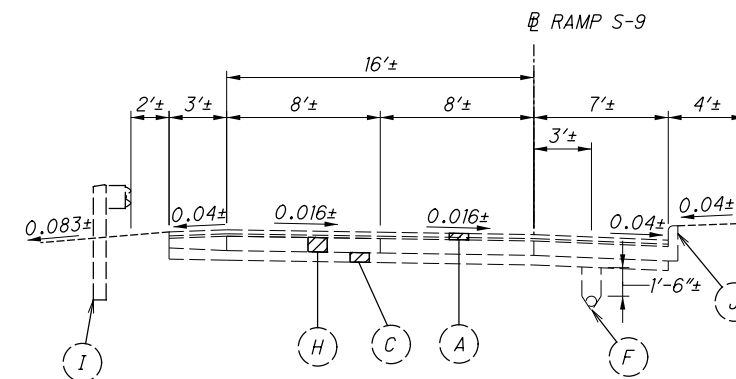
**EXISTING TYPICAL SECTIONS - I.R. 77 / S.R. 8**

**SUM-76 / 77 / 8 -  
8.24 / 9.74 / 0.00**

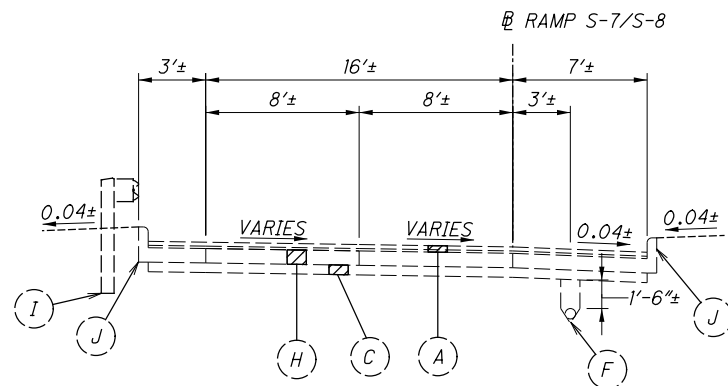
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GY202.dgn Sheet 8/7/2020 11:30:46 AM mlutes



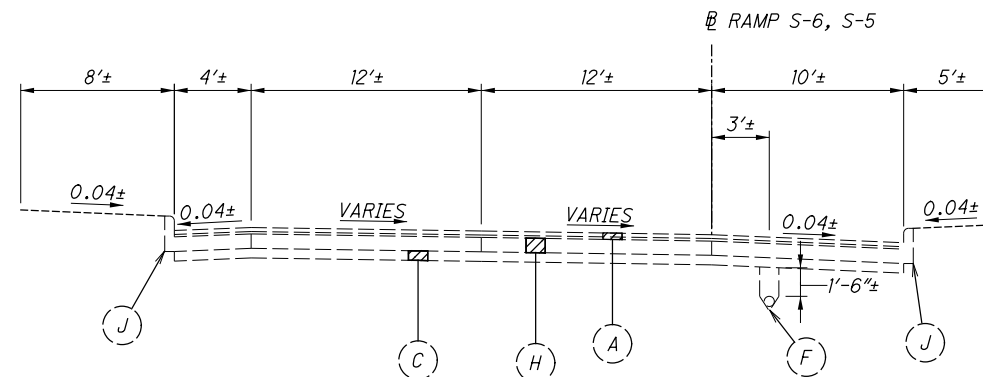
EXISTING RAMP S-12, S-11 & S-10 SECTION



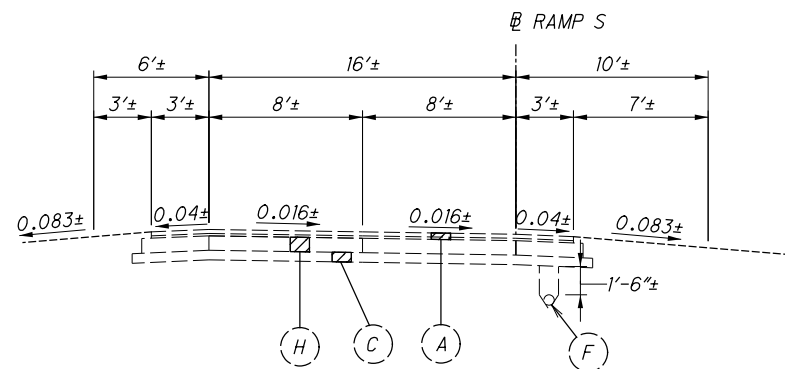
EXISTING RAMP S-9 SECTION



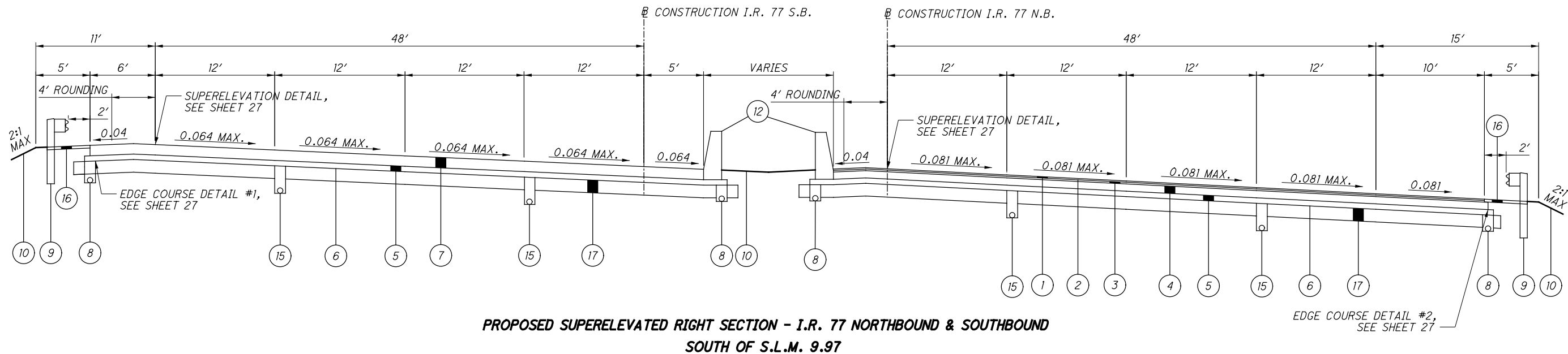
EXISTING RAMP S-7 & S-8 SECTION



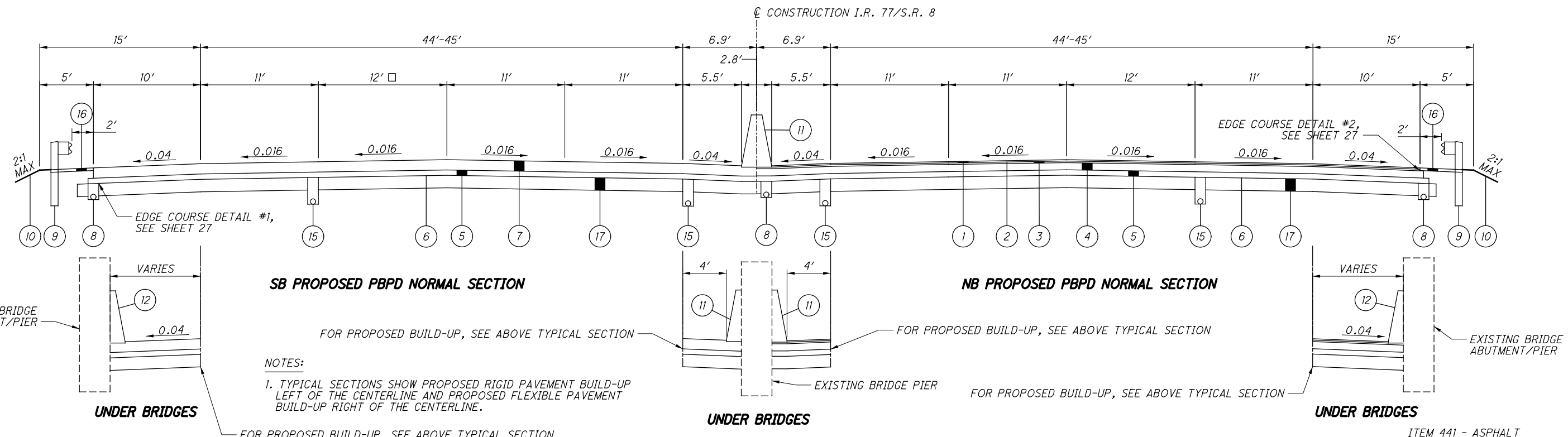
EXISTING RAMP S-6 & S-5 SECTION



EXISTING RAMP S SECTION



□ 11.0' FROM BEGINNING OF S.R. 8 TO NORTHERN LIMITS



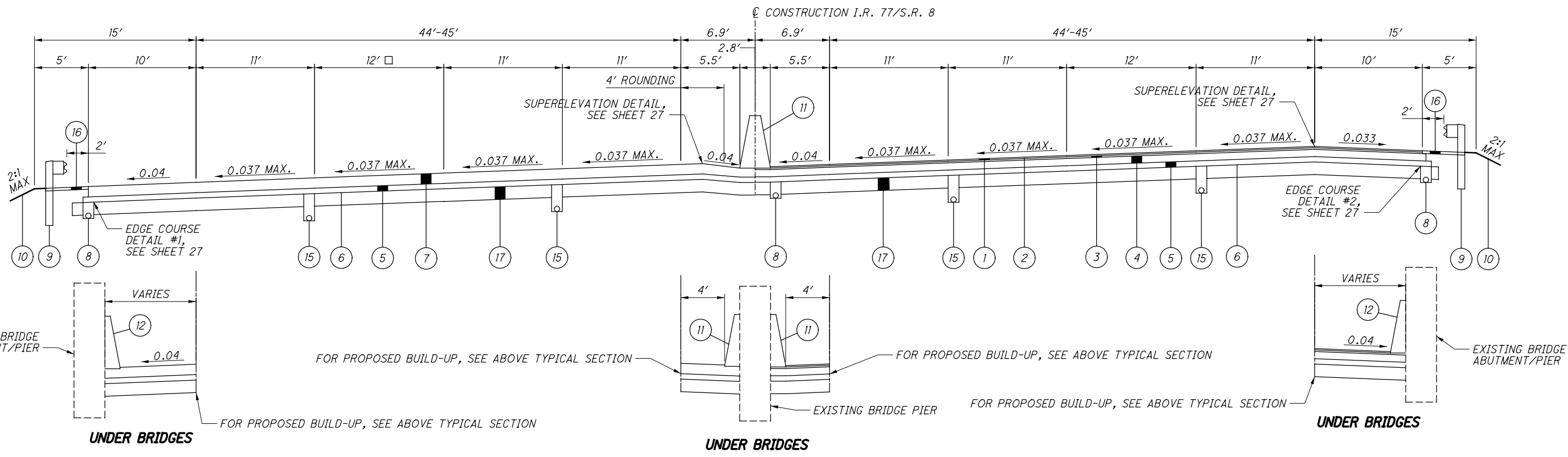
NOTES:  
1. TYPICAL SECTIONS SHOW PROPOSED RIGID PAVEMENT BUILD-UP LEFT OF THE CENTERLINE AND PROPOSED FLEXIBLE PAVEMENT BUILD-UP RIGHT OF THE CENTERLINE.

**PROPOSED LEGEND (SUM-77-9.74) (SUM-8-0.00)**

- |   |   |  |   |   |
|---|---|--|---|---|
| ① ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN     | ⑥ ITEM 204 - PROOF ROLLING  | ⑪ ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 OR C1 | ⑬ ITEM 609 - CURB, TYPE 4-A   | ⑰ ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP                                   |
| ② ITEM 407 - NON-TRACKING TACK COAT   | ⑦ ITEM 452 - 13" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QC/QA | ⑫ ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D        | ⑭ ITEM 609 - CURB, TYPE 4-C   | ⑱ ITEM 442 - 2.0" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (446), AS PER PLAN     |
| ③ ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN | ⑧ ITEM 605 - 6" BASE PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC, 18"        | ⑬ ITEM 609 - CURB, TYPE 4-A                                | ⑮ ITEM 605 - 6" SHALLOW PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC, 30" | ⑳ ITEM 442 - 1.50" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (446), AS PER PLAN |
| ④ ITEM 302 - 8" ASPHALT CONCRETE BASE, PG64-22  | ⑨ ITEM 606 - GUARDRAIL, TYPE MGS  |  |   |   |
| ⑤ ITEM 304 - 6" AGGREGATE BASE, AS PER PLAN   | ⑩ ITEM 659 - SEEDING AND MULCHING                                       |  |   |   |

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GY203.dgn Sheet 1/27/2021 2:53:06 PM mlutes

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GY203A.dgn Sheet 12/28/2020 11:04:46 AM miles

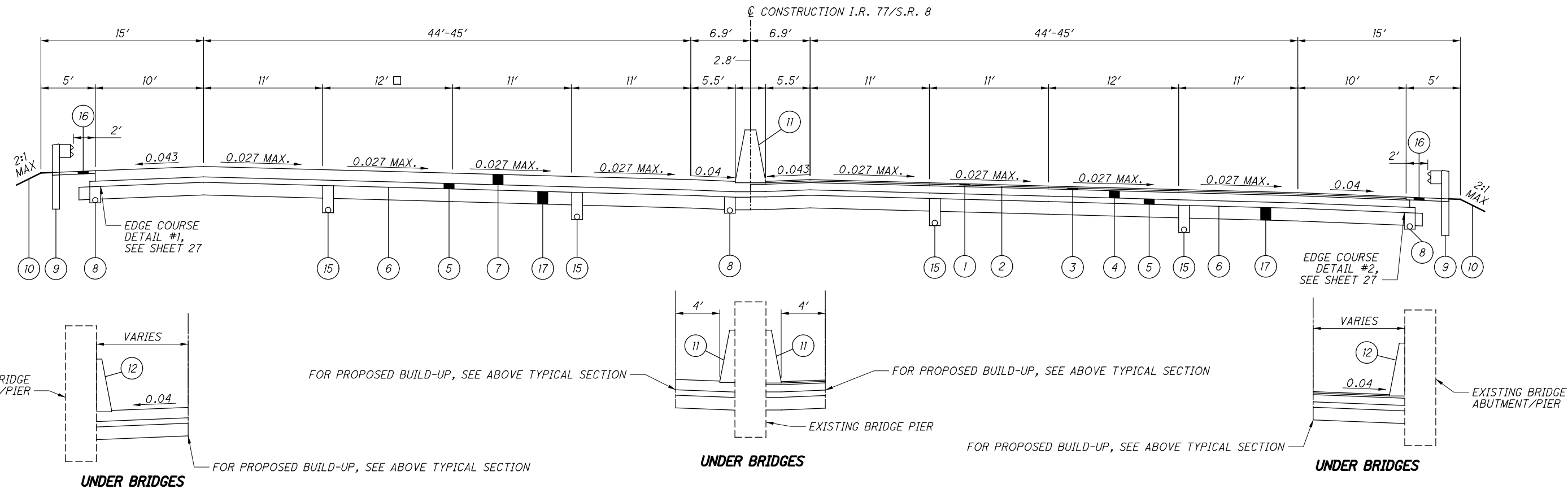


**PROPOSED SUPERELEVATED LEFT SECTION - I.R. 77/S.R. 8  
NORTH OF S.L.M. 9.97**

□ 11.0' FROM BEGINNING OF S.R. 8 TO NORTHERN LIMITS

**NOTES:**

1. TYPICAL SECTIONS SHOW PROPOSED RIGID PAVEMENT BUILD-UP LEFT OF THE CENTERLINE AND PROPOSED FLEXIBLE PAVEMENT BUILD-UP RIGHT OF THE CENTERLINE.

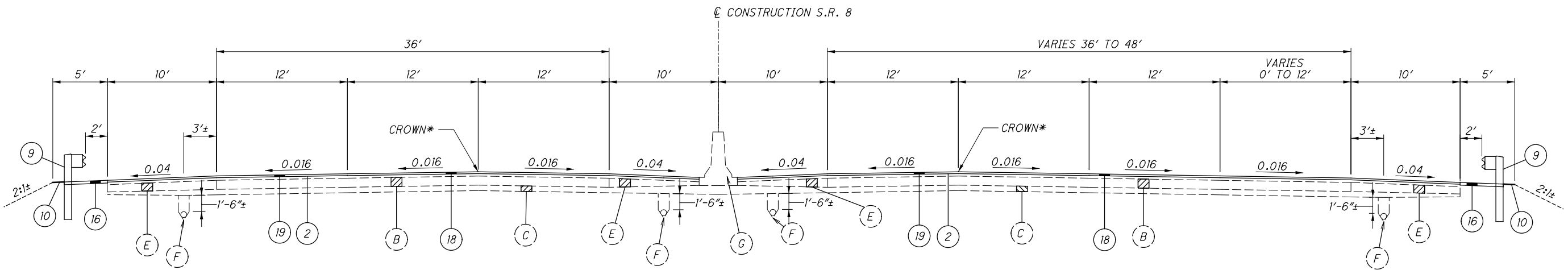


**PROPOSED SUPERELEVATED RIGHT SECTION - I.R. 77/S.R. 8  
NORTH OF S.L.M. 9.97**

\* FOR LEGEND, SEE SHEET 24

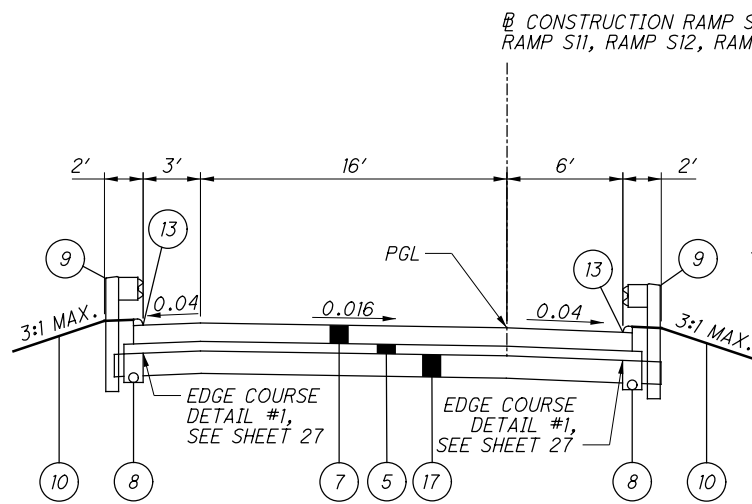
**PROPOSED TYPICAL SECTIONS - I.R. 77 / S.R. 8**

**SUM-76 / 77 / 8 -  
8.24 / 9.74 / 0.00**

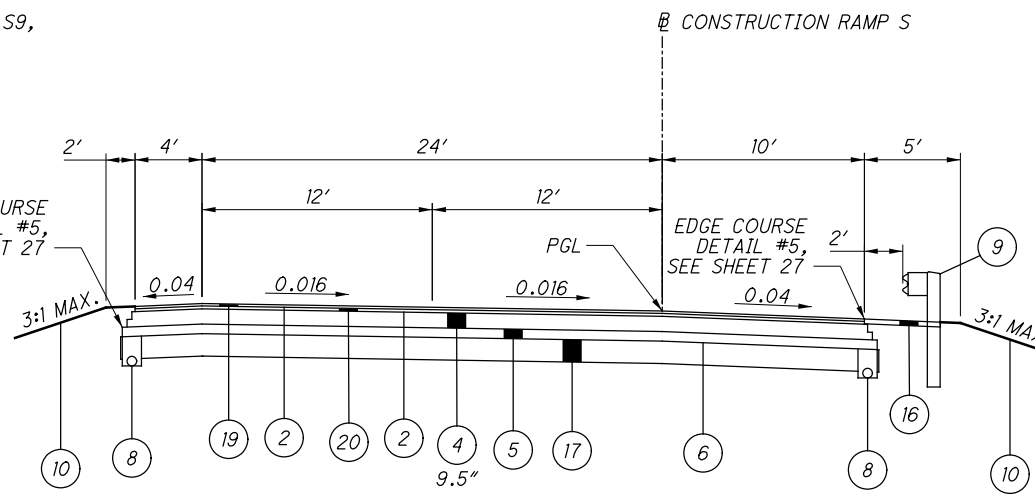


\*CROWN SHIFTS FROM 34' RT/LT TO 22' RT/LT.  
SEE SUM-8-0.63 EXISTING PLANS FOR ADDITIONAL DETAILS.

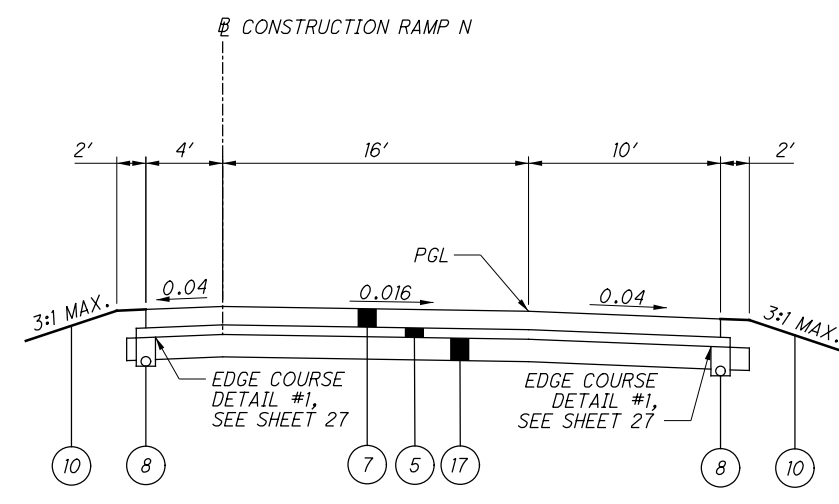
**PROPOSED NORMAL SECTION - S.R. 8**



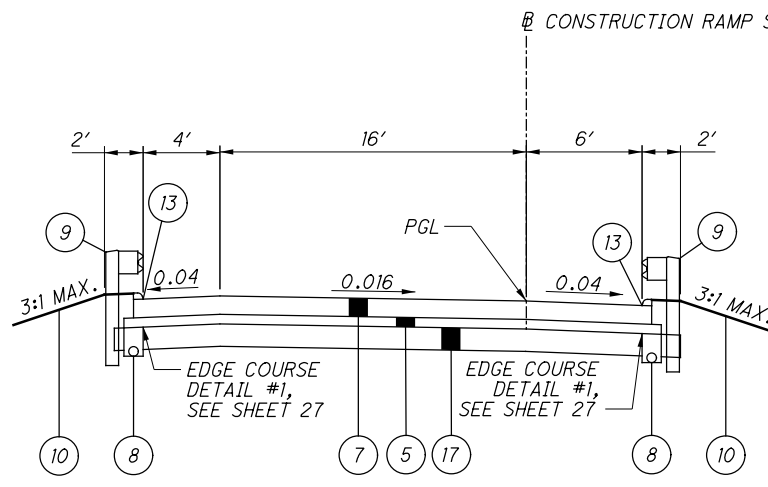
**PROPOSED RAMP S7, S9, S11, S12 & T SECTION**



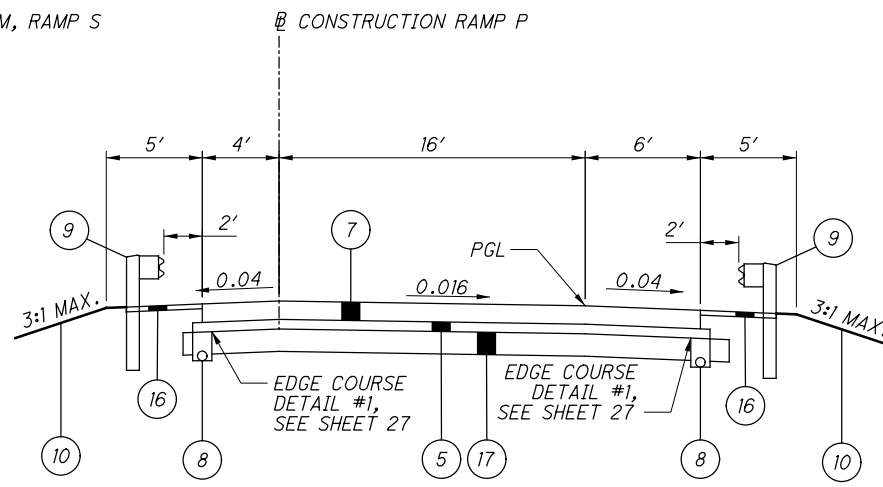
**PROPOSED RAMP S SECTION**



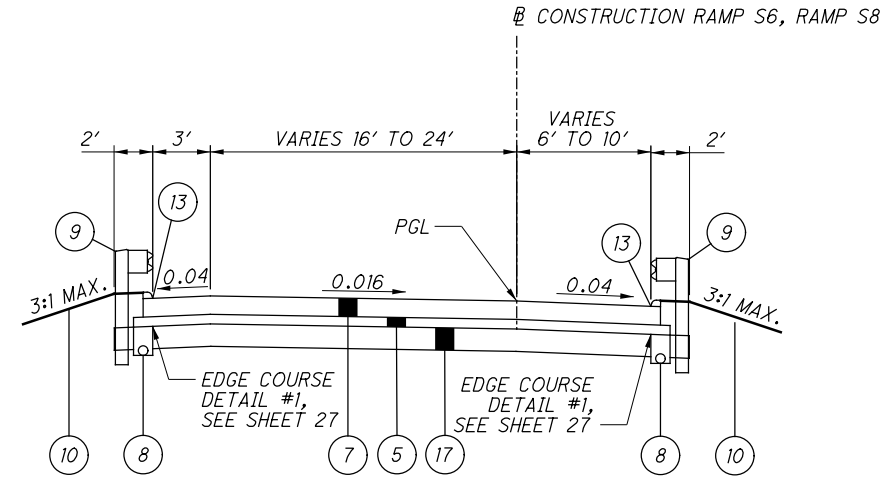
**PROPOSED RAMP N SECTION**



**PROPOSED RAMP S5, S10, M & S SECTION**



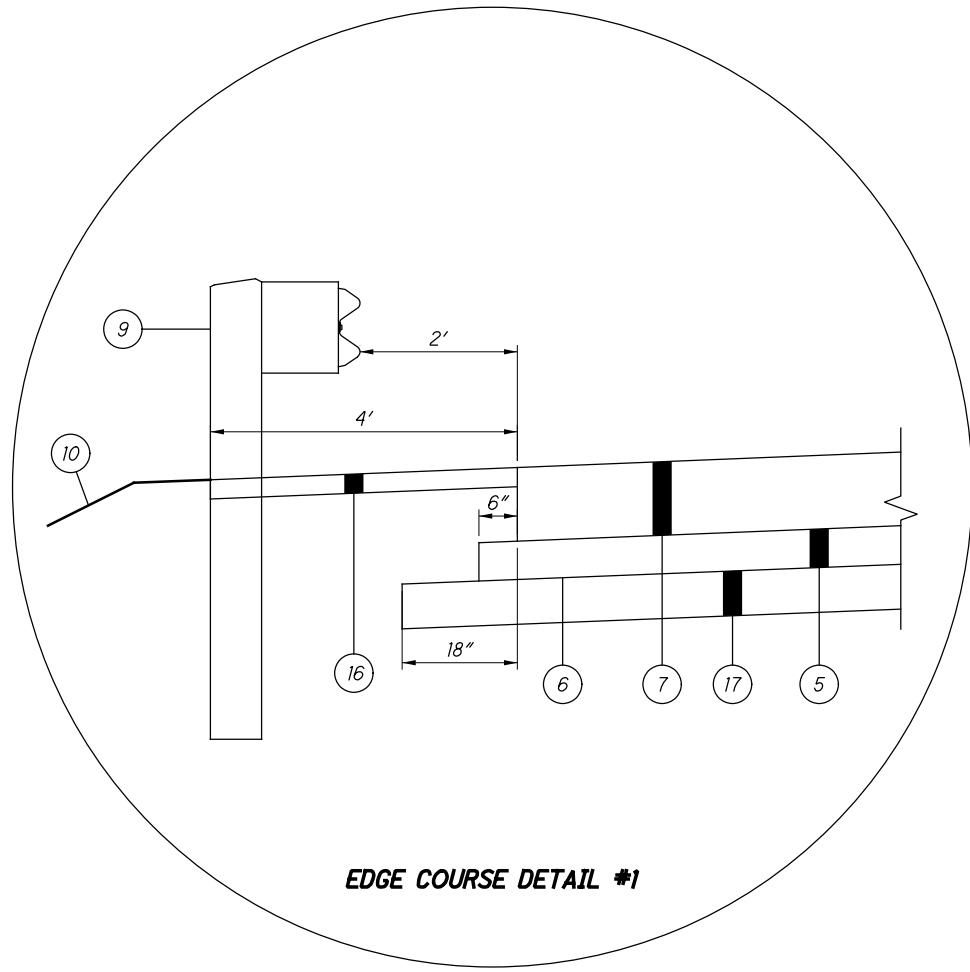
**PROPOSED RAMP P SECTION**



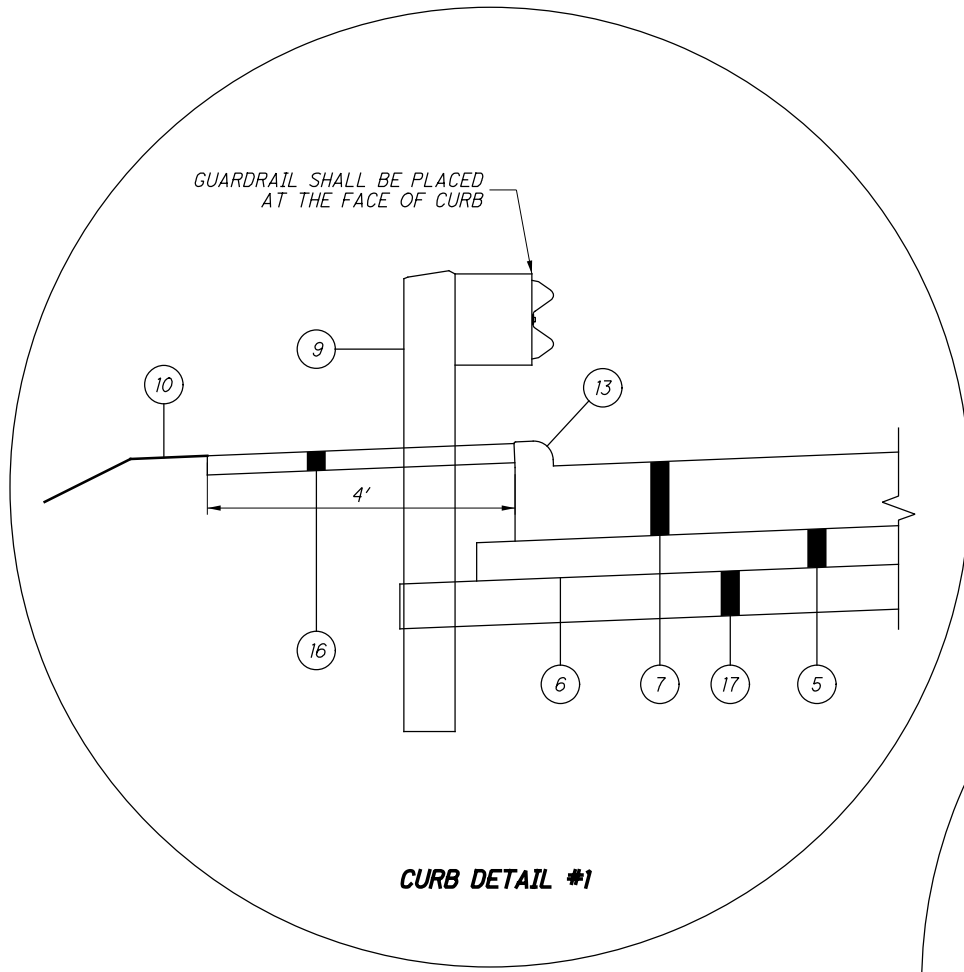
**PROPOSED RAMP S6 & S8 SECTION**

\* FOR LEGEND, SEE SHEET 24

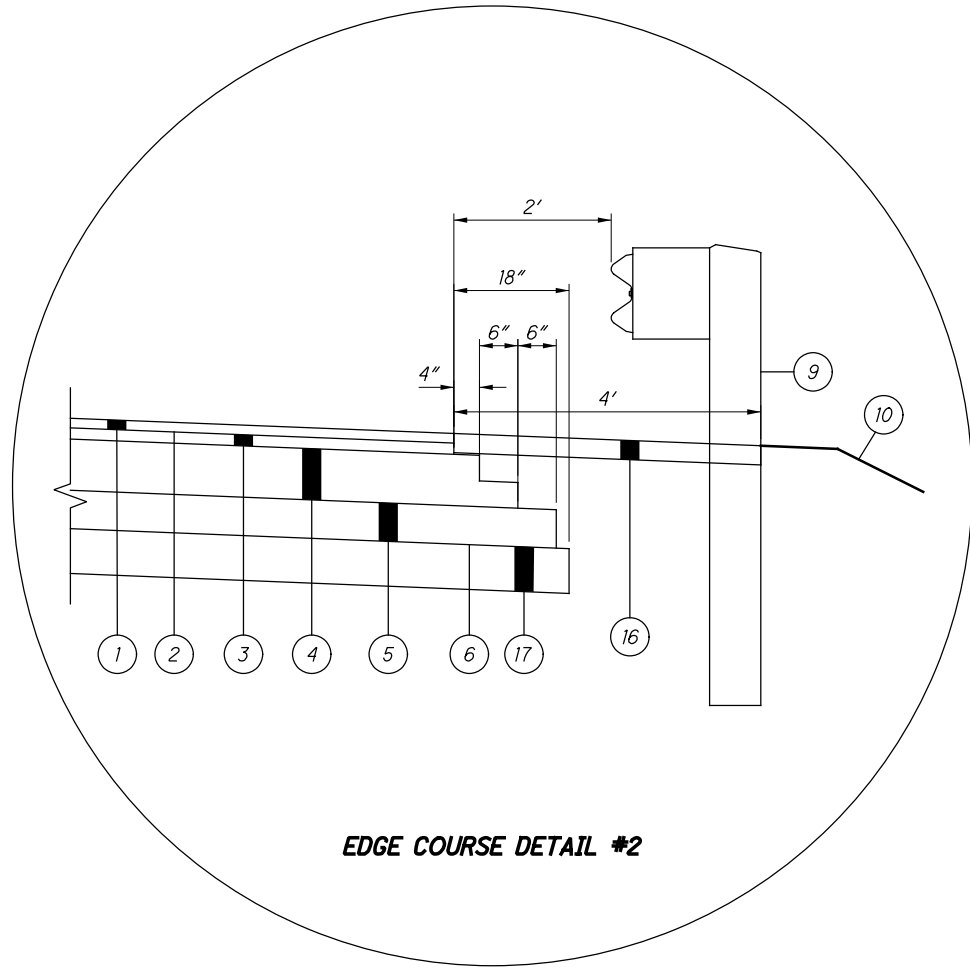
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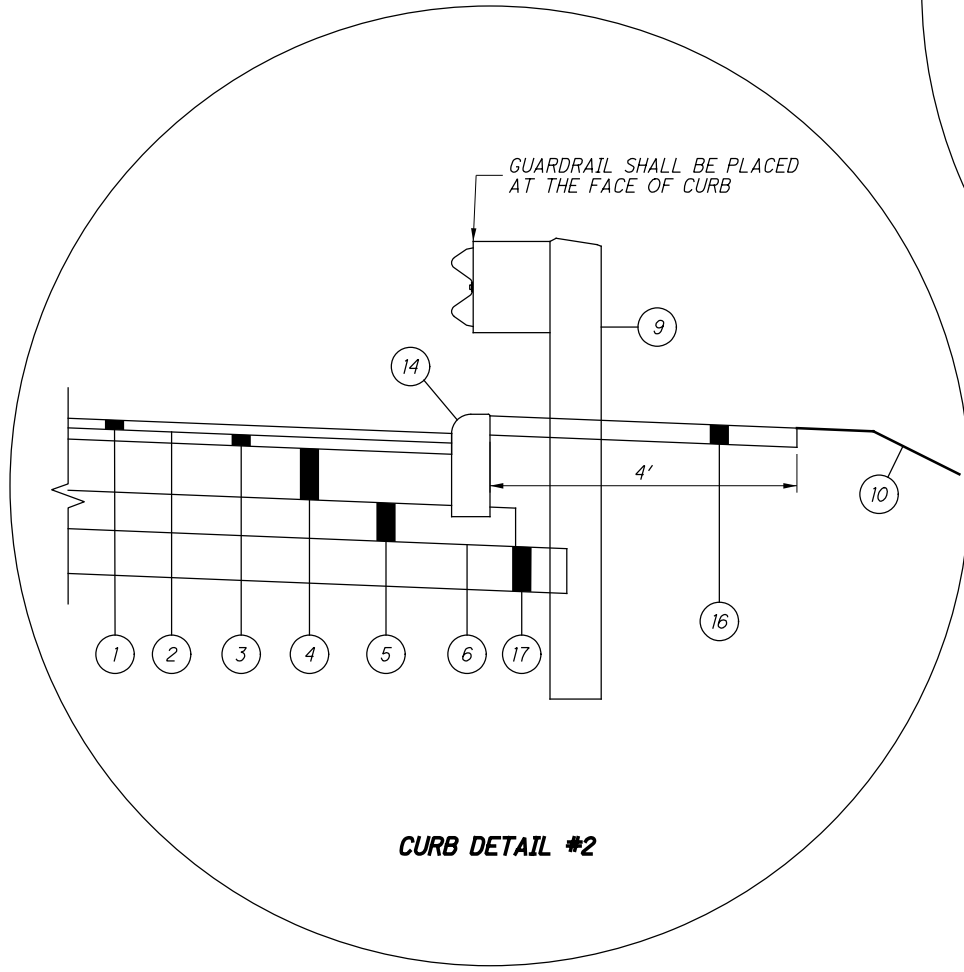
EDGE COURSE DETAIL #1



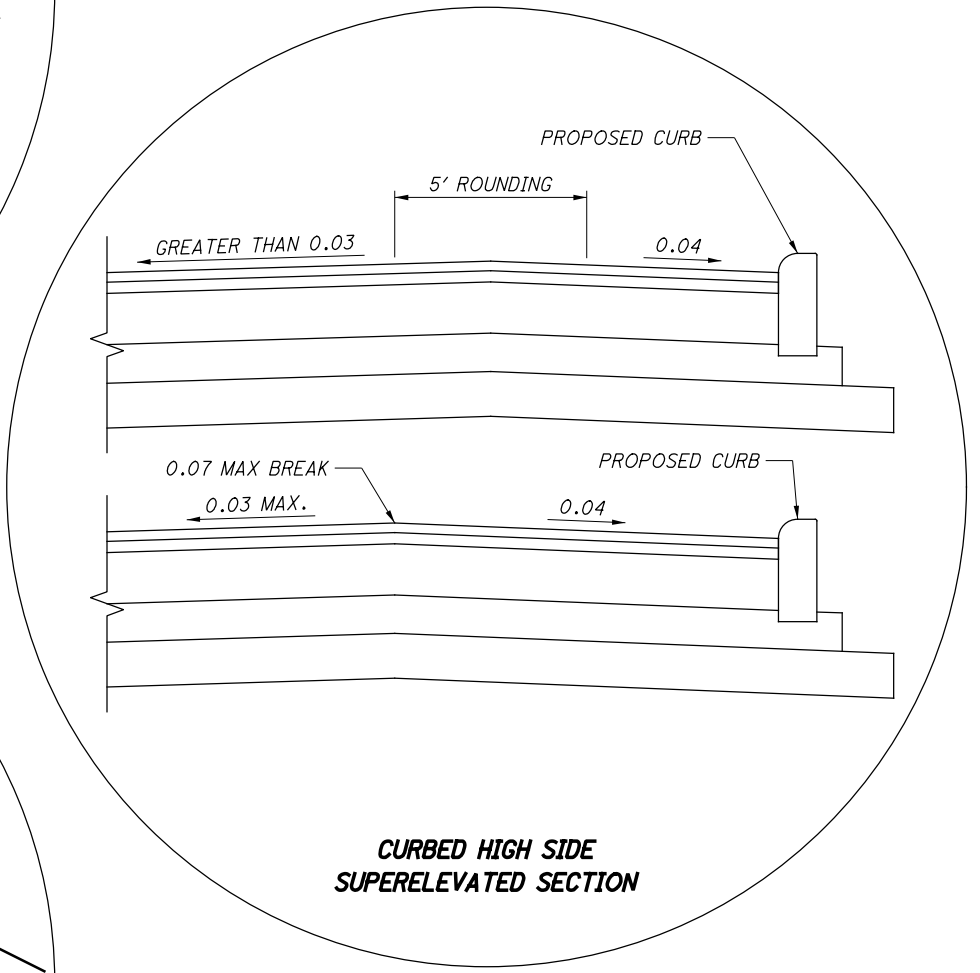
CURB DETAIL #1



EDGE COURSE DETAIL #2



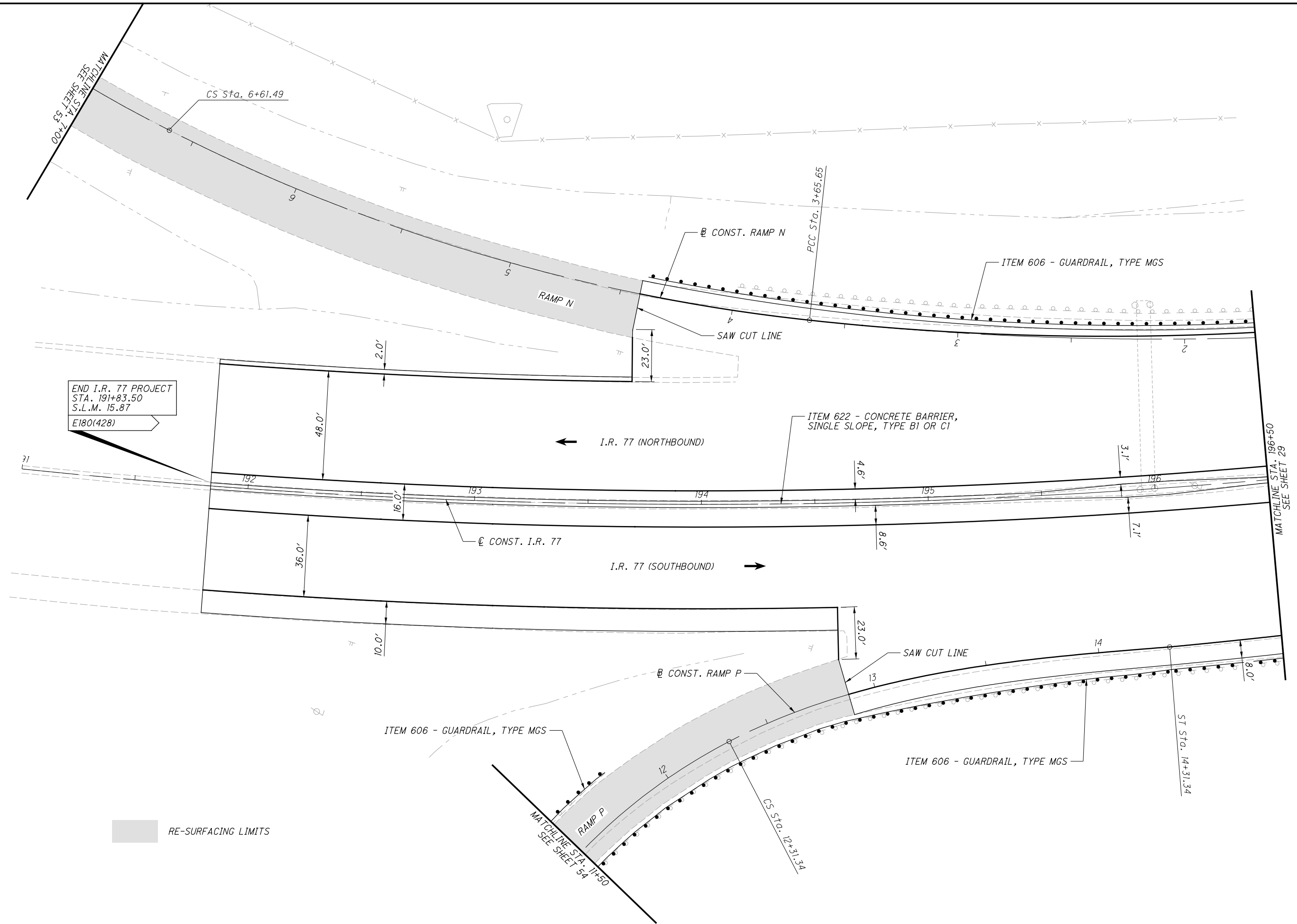
CURB DETAIL #2



CURBED HIGH SIDE SUPERELEVATED SECTION

\* FOR LEGEND, SEE SHEET 24

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GPO01.dgn Sheet 8/7/2020 11:31:03 AM miles



END I.R. 77 PROJECT  
 STA. 191+83.50  
 S.L.M. 15.87  
 E180(428)

RE-SURFACING LIMITS

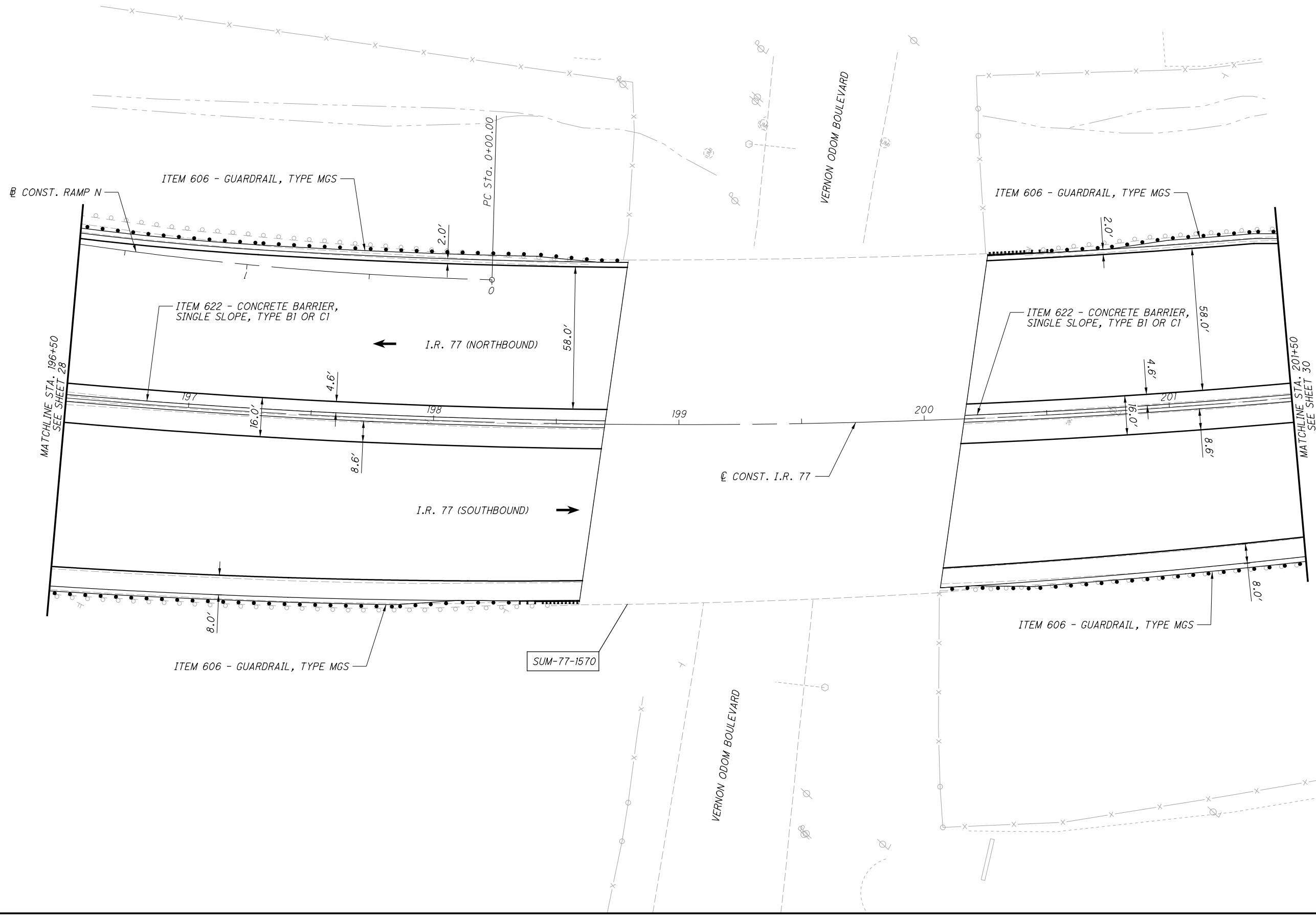
CALCULATED  
 MLL  
 CHECKED  
 JTJ

0 20 40  
 HORIZONTAL  
 SCALE IN FEET

PLAN - I.R. 77  
 END I.R. 77 PROJECT TO STA. 196+50

SUM-76 / 77 / 8-  
 8.24 / 9.74 / 0.00



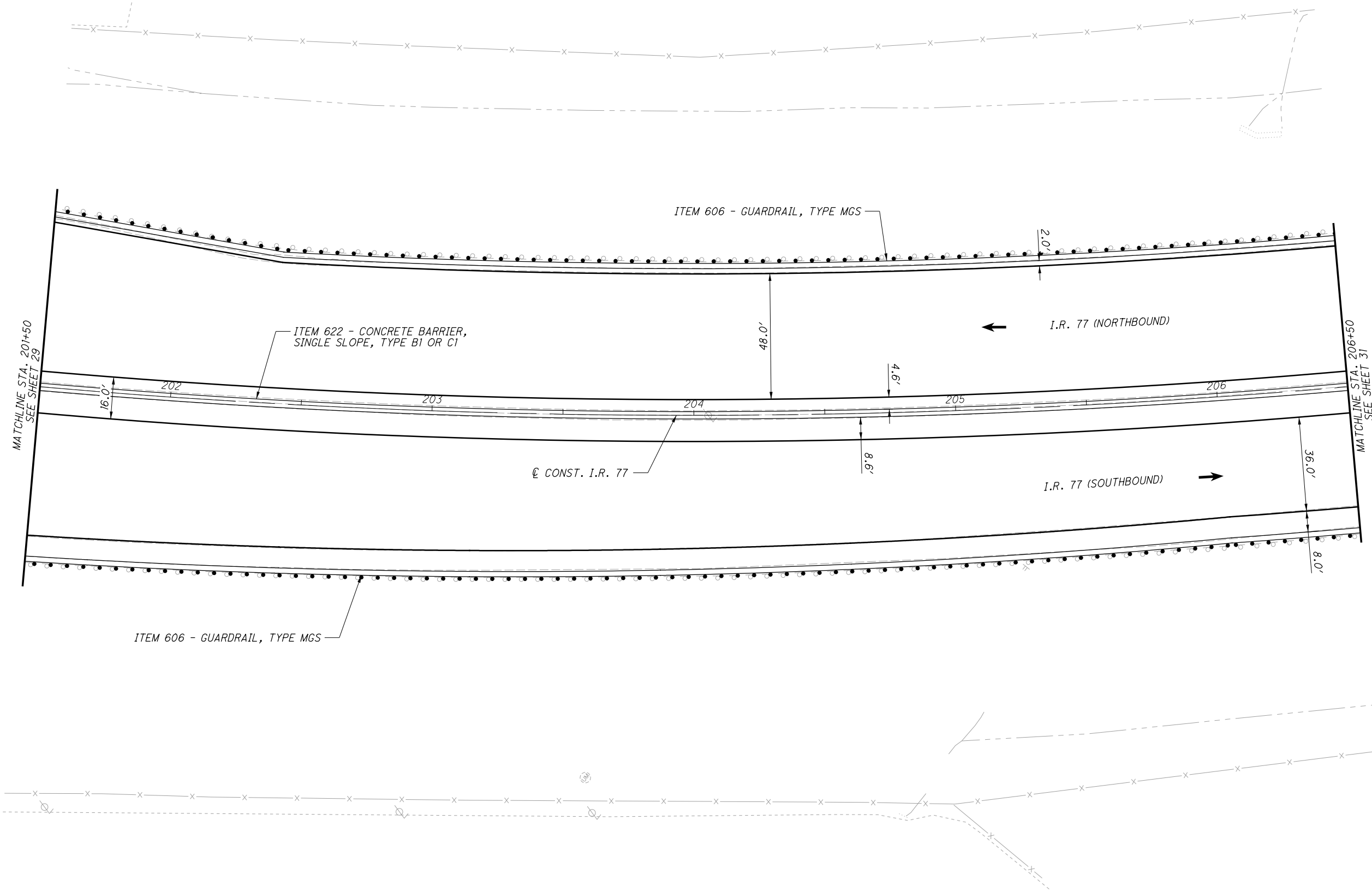


CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 196+50 TO STA. 201+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

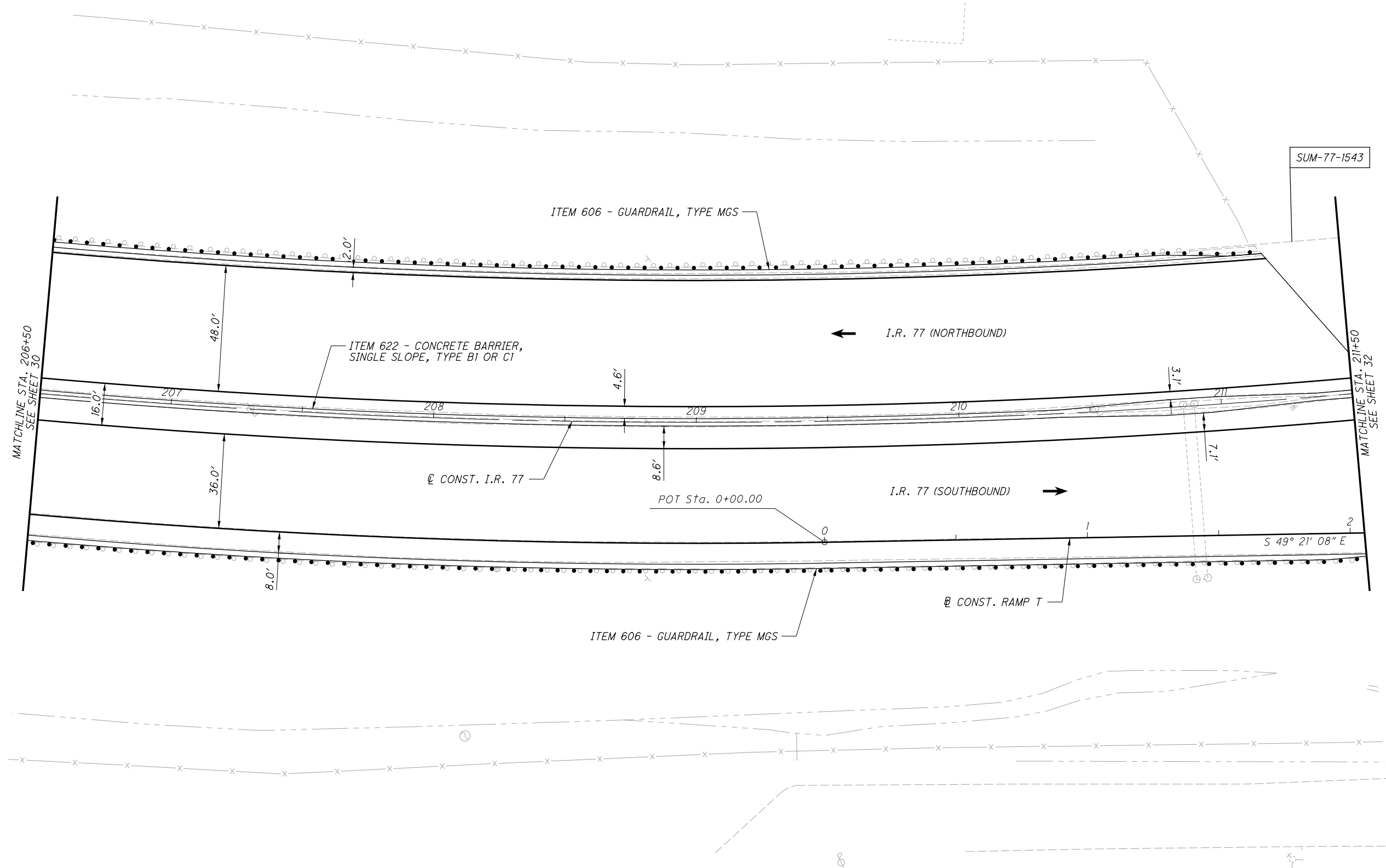


CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
10  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 201+50 TO STA. 206+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

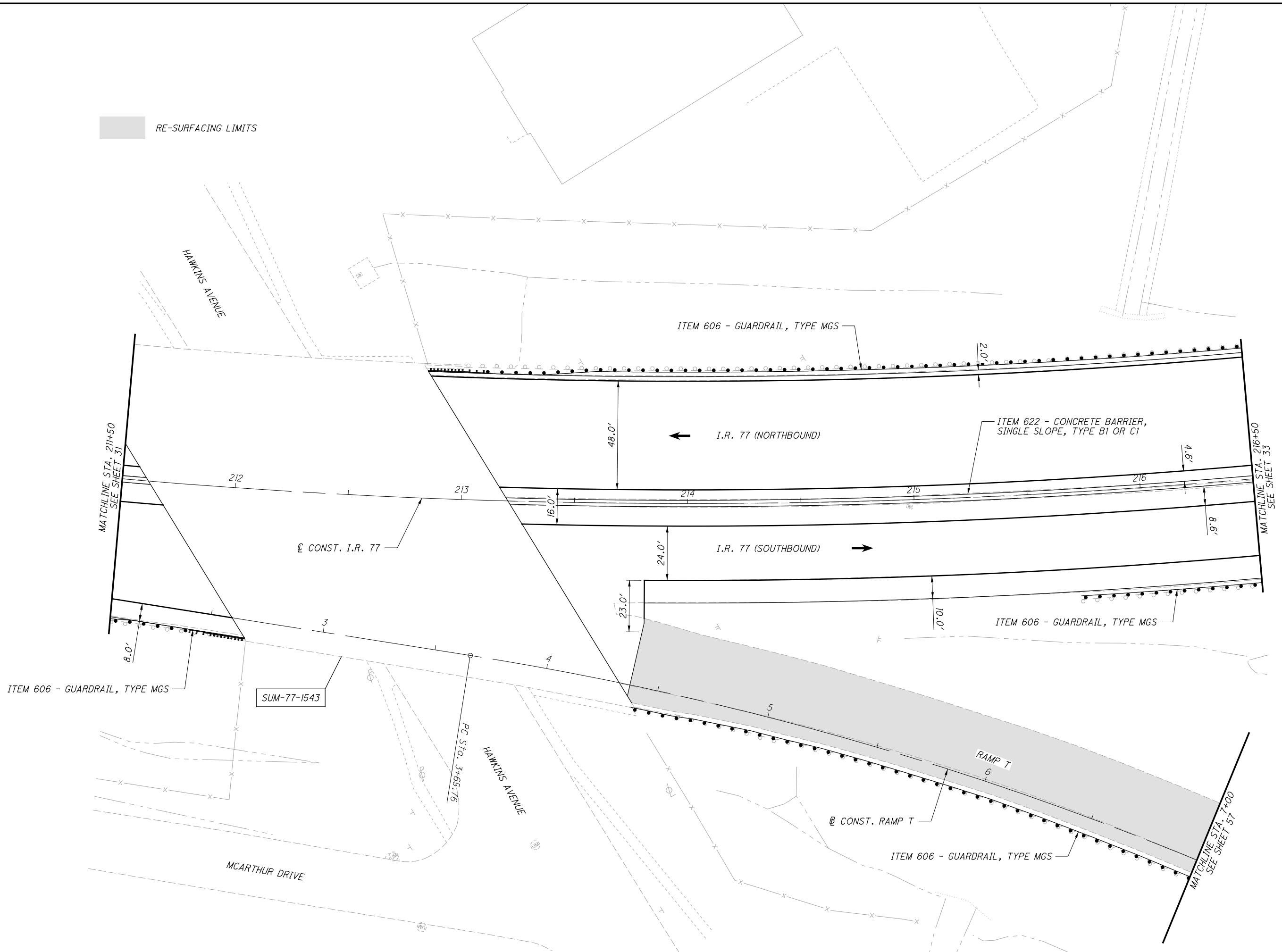
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HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 206+50 TO STA. 211+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP005.dgn Sheet 8/7/2020 11:31:07 AM mlr/tes

RE-SURFACING LIMITS



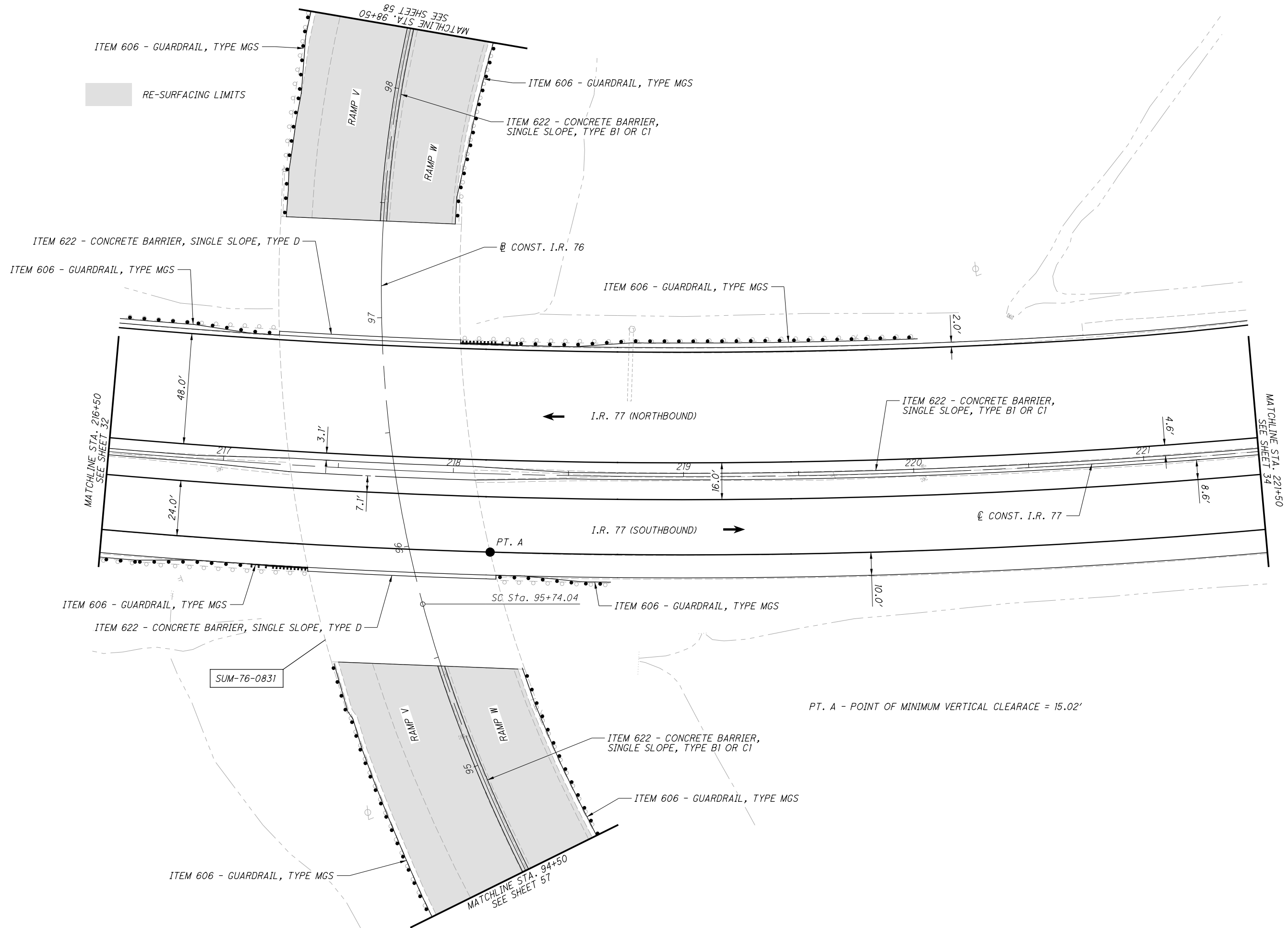
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MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 211+50 TO STA. 216+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

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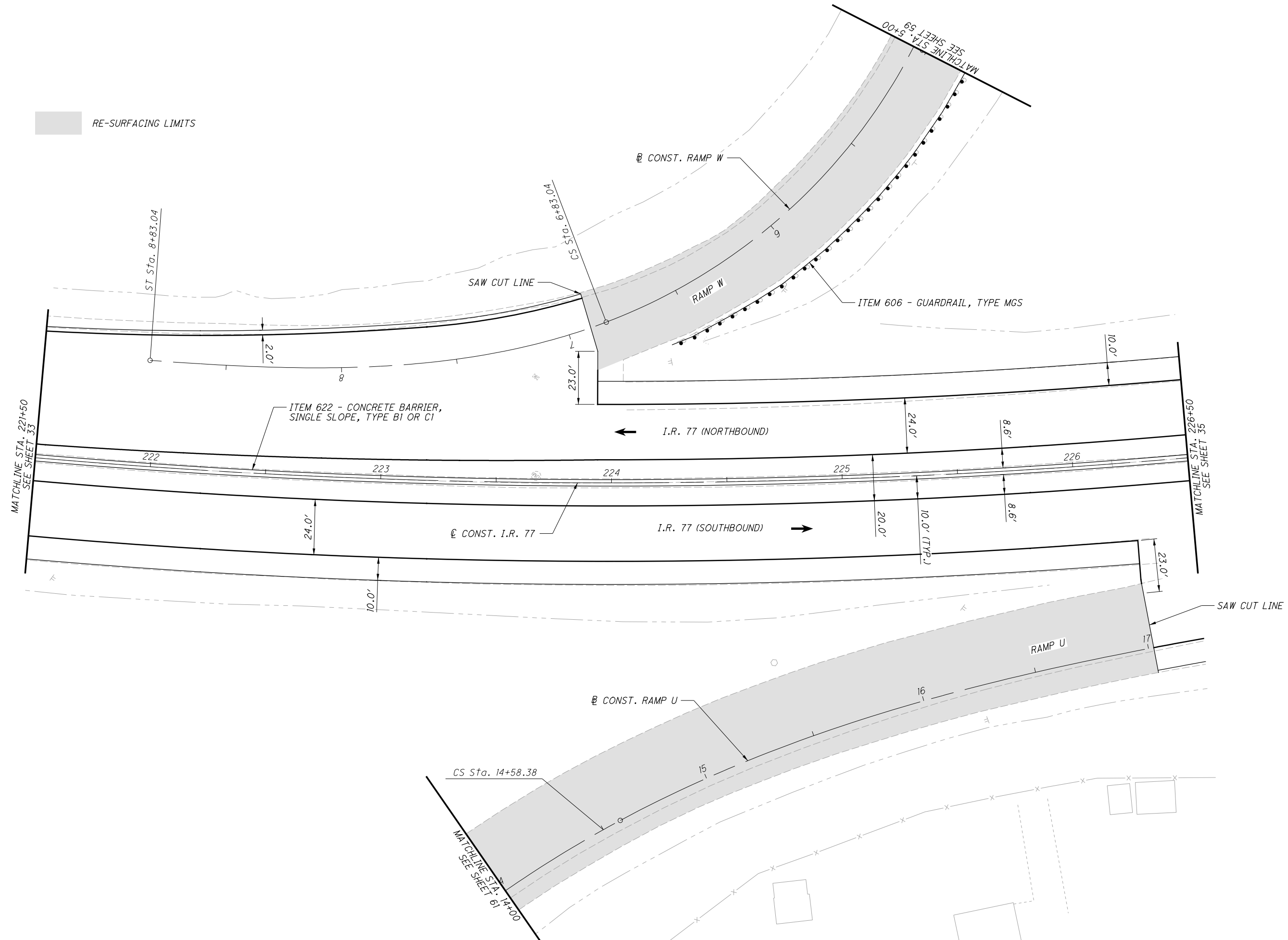


CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 216+50 TO STA. 221+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**



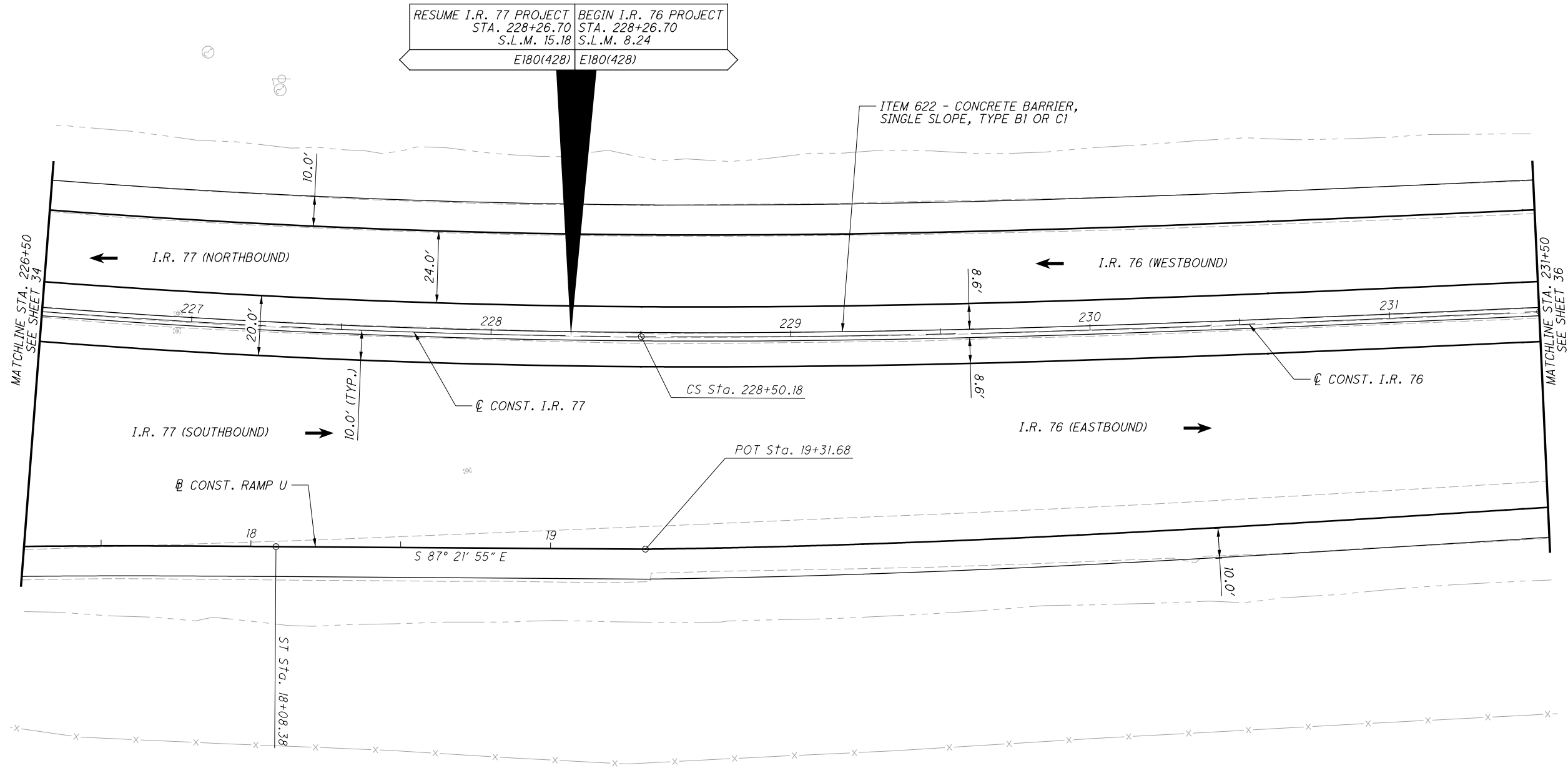
RE-SURFACING LIMITS

CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 221+50 TO STA. 226+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



RESUME I.R. 77 PROJECT STA. 228+26.70 S.L.M. 15.18 E180(428)	BEGIN I.R. 76 PROJECT STA. 228+26.70 S.L.M. 8.24 E180(428)
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ITEM 622 - CONCRETE BARRIER,  
SINGLE SLOPE, TYPE B1 OR C1

MATCHLINE STA. 226+50  
SEE SHEET 34

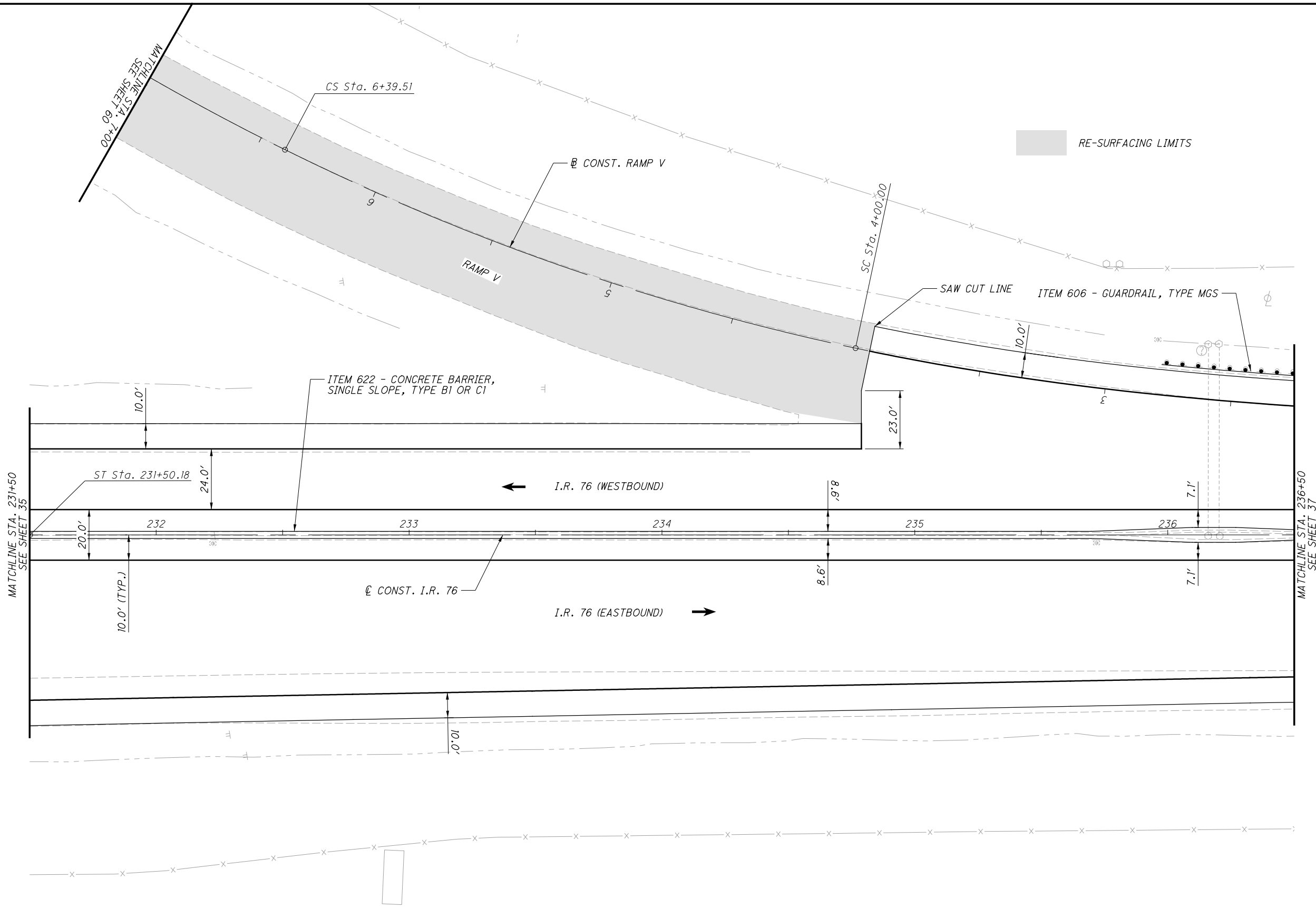
MATCHLINE STA. 231+50  
SEE SHEET 36

CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76 / I.R. 77**  
**STA. 226+50 TO STA. 231+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



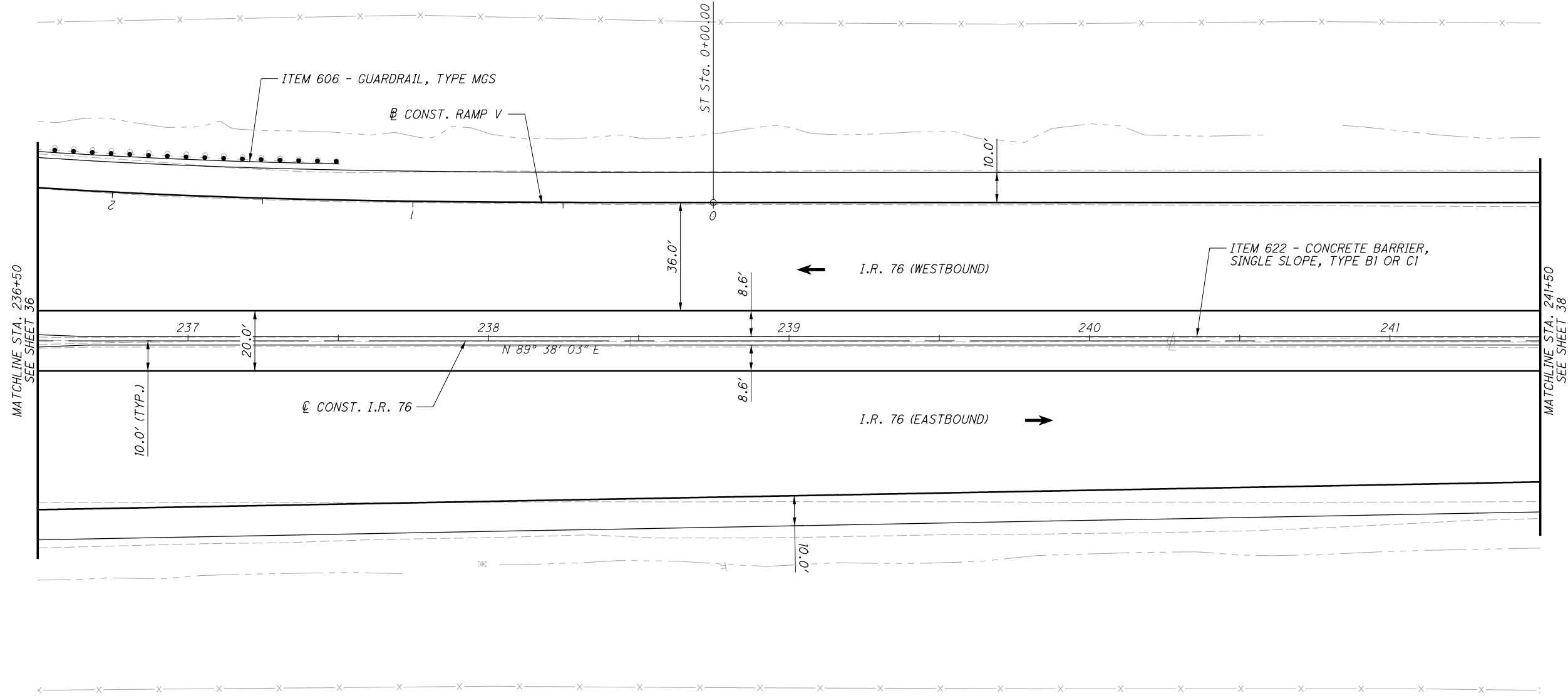
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M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 231+50 TO STA. 236+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



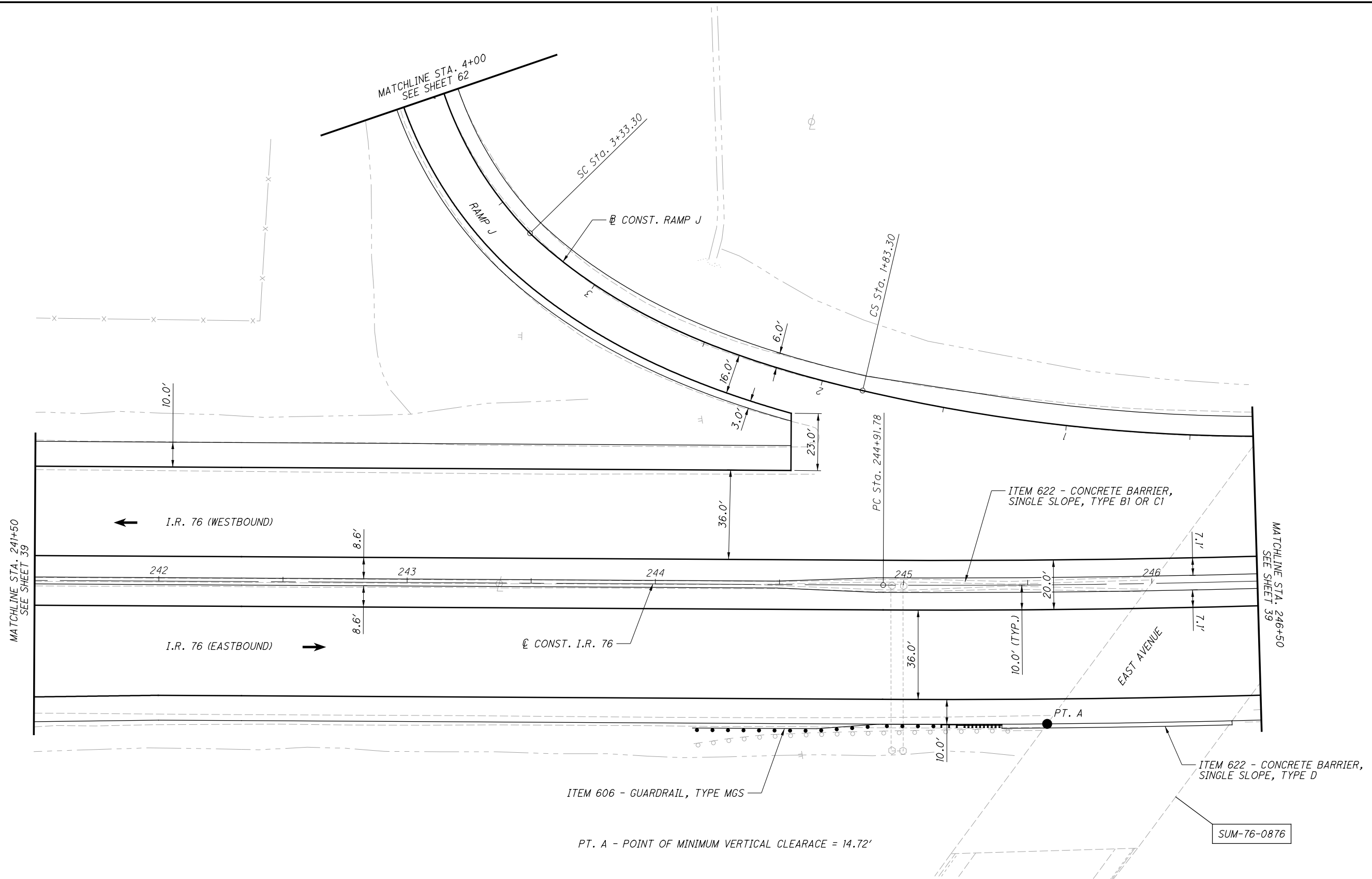


CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 236+50 TO STA. 241+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

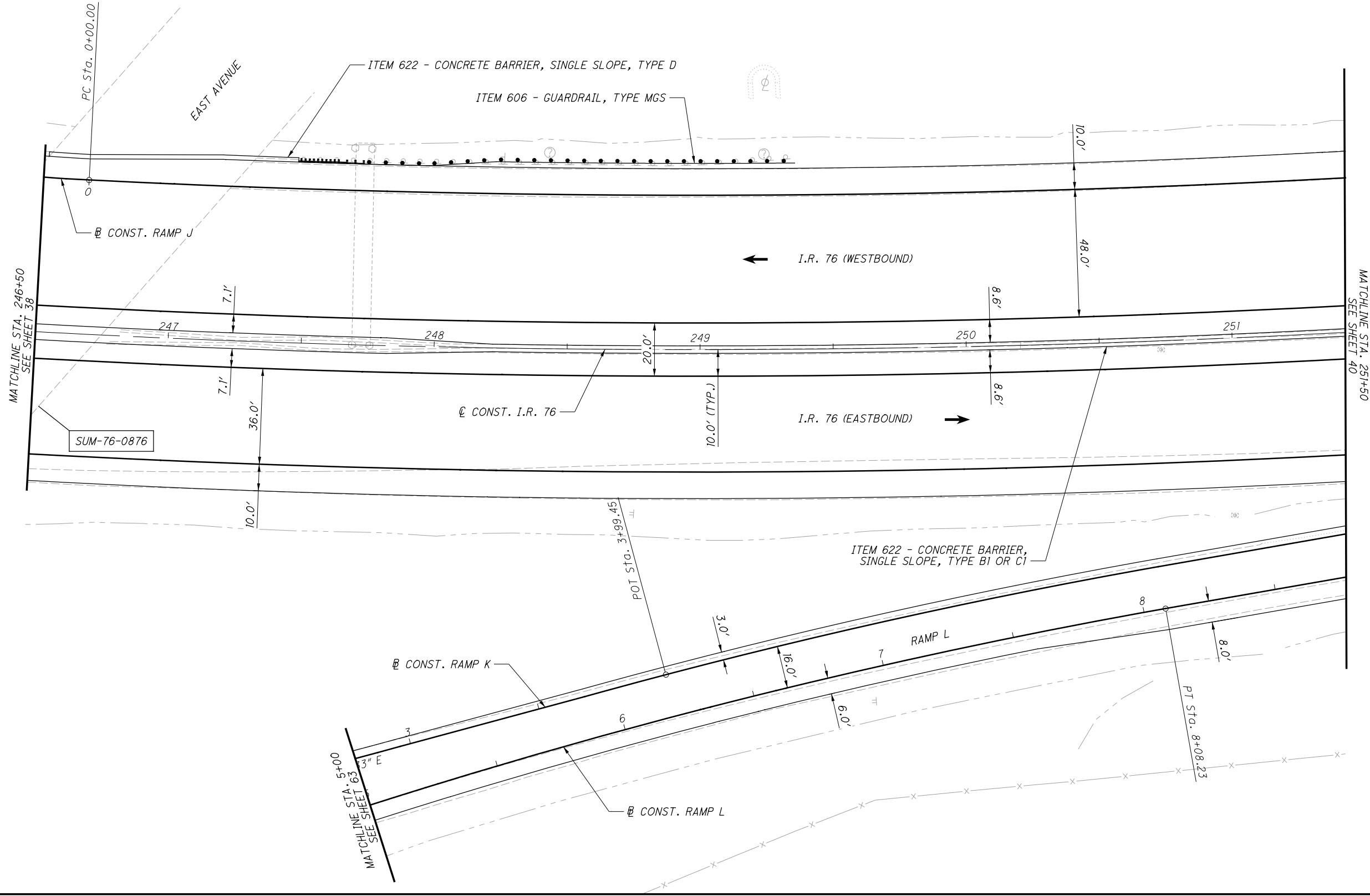


CALCULATED  
MLL  
CHECKED  
JTW

**PLAN - I.R. 76**  
**STA. 241+50 TO STA. 246+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

SUM-76-0876



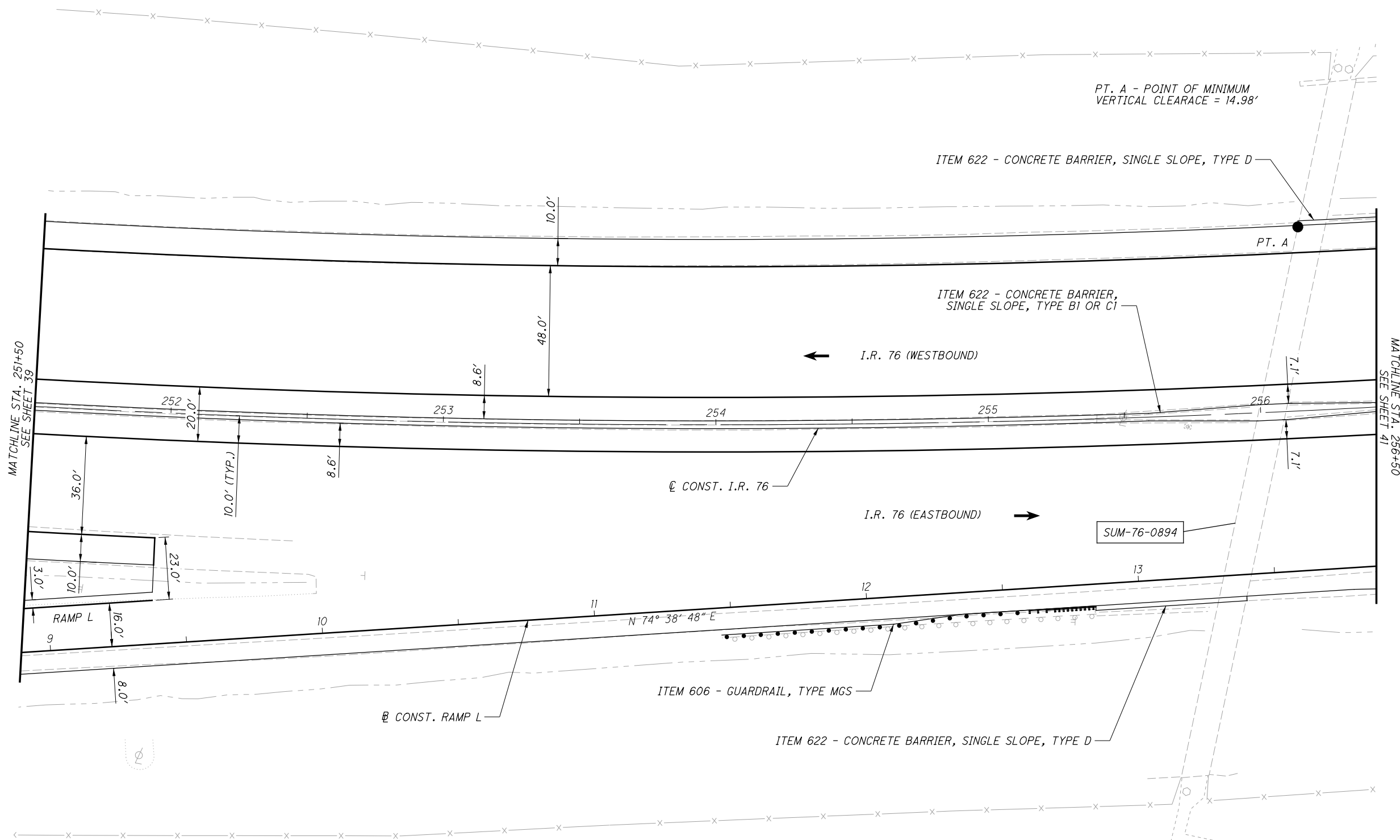
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M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 246+50 TO STA. 251+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

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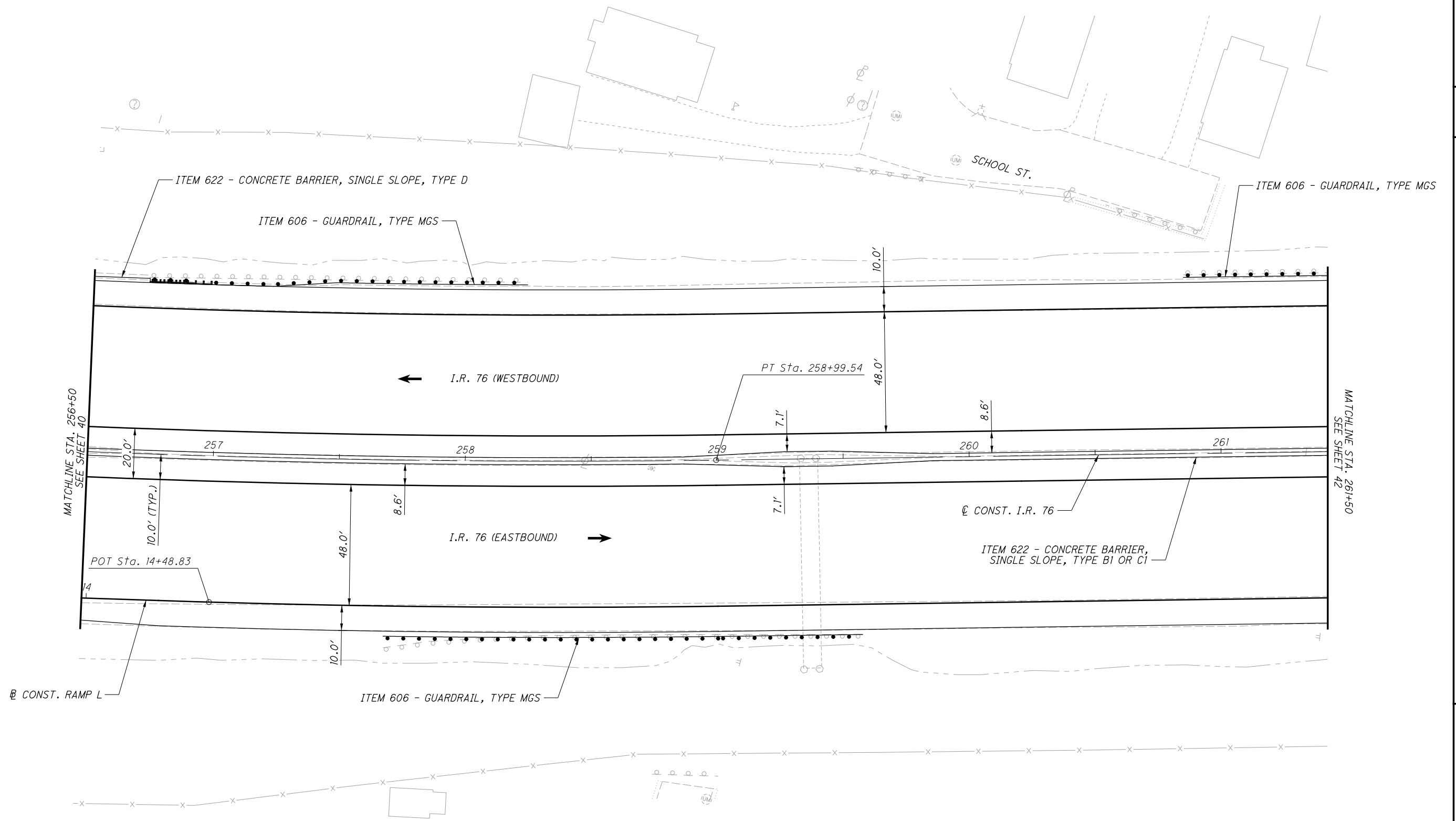
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 251+50 TO STA. 256+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

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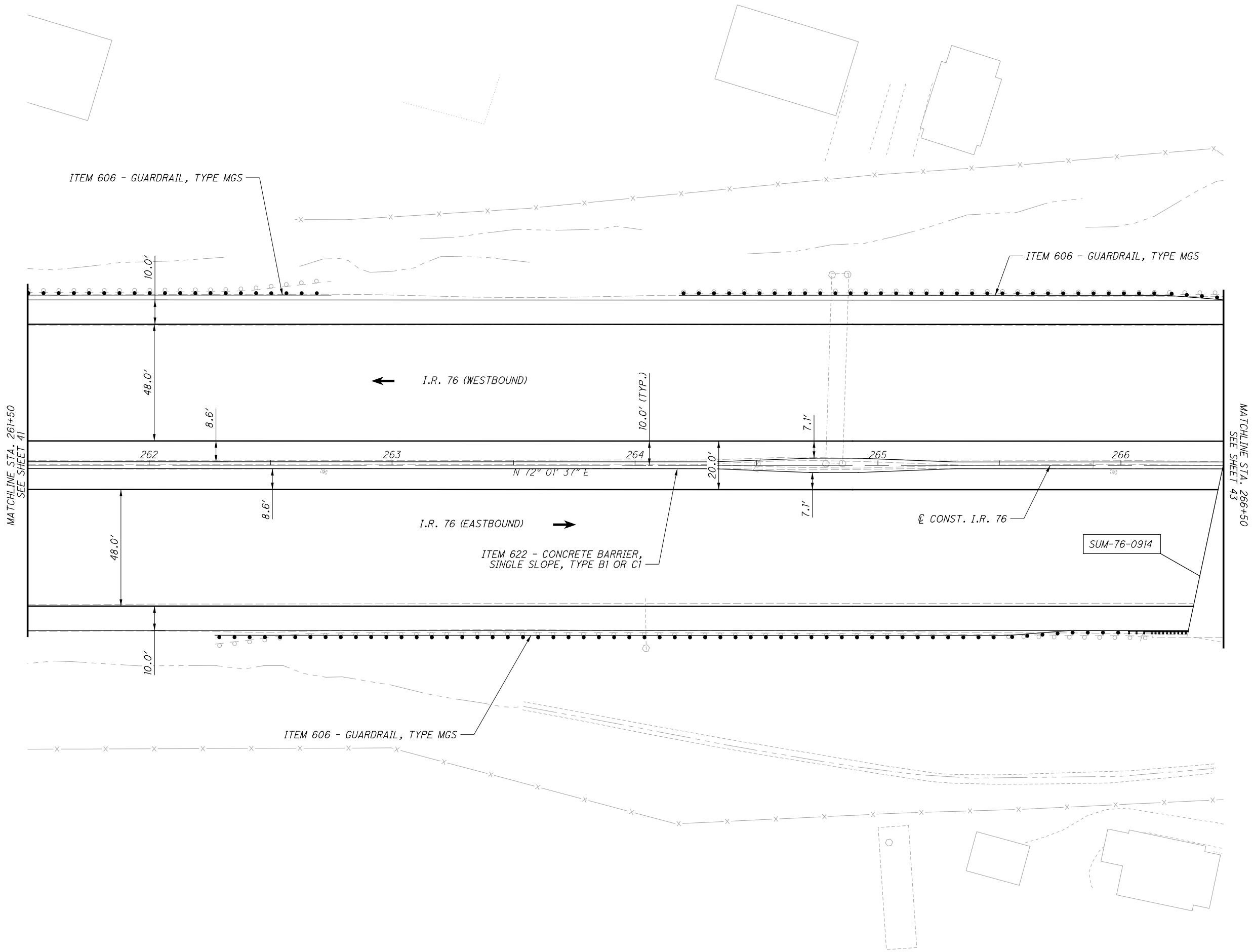


CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 256+50 TO STA. 261+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED
M.L.L.
CHECKED
J.T.W.

**PLAN - I.R. 76**  
**STA. 261+50 TO STA. 266+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPI06.dgn Sheet 11/28/2021 3:39:04 PM mlutes

PT. A - POINT OF MINIMUM VERTICAL CLEARANCE = 14.75'

MATCHLINE STA. 266+50  
SEE SHEET 42

MANCHESTER ROAD

SUM-76-0914

ITEM 606 - GUARDRAIL, TYPE MGS

RUSSELL AVENUE

I.R. 76 (WESTBOUND)

PC Sta. 268+31.72

I.R. 76 (EASTBOUND)

PC Sta. 0+00.00

ITEM 606 - GUARDRAIL, TYPE MGS

ITEM 622 - CONCRETE BARRIER,  
SINGLE SLOPE, TYPE B1 OR C1

CONST. I.R. 76

CONST. RAMP G

MATCHLINE STA. 271+50  
SEE SHEET 44

SOUTH STREET

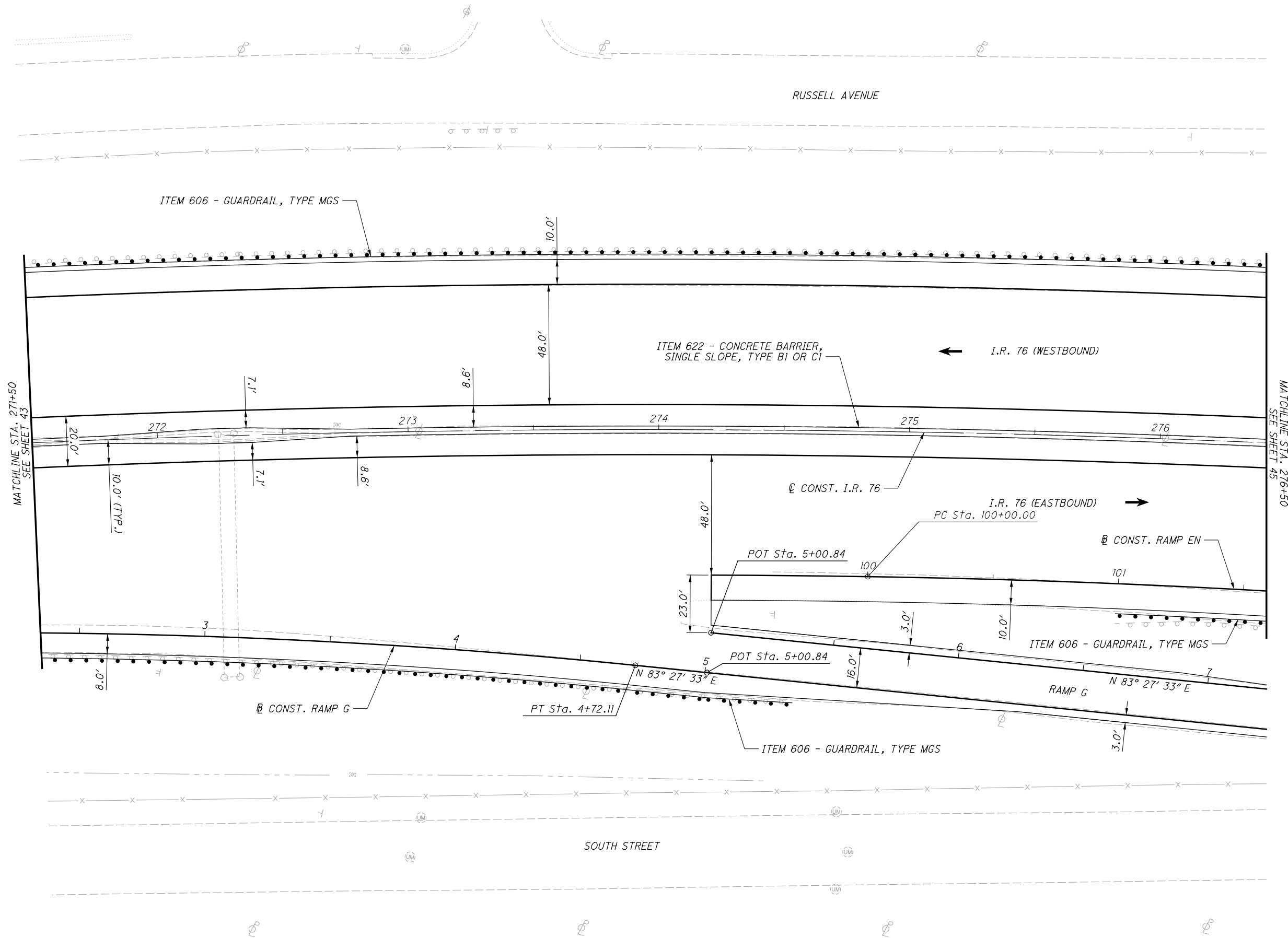
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

HORIZONTAL SCALE IN FEET

PLAN - I.R. 76  
STA. 266+50 TO STA. 271+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

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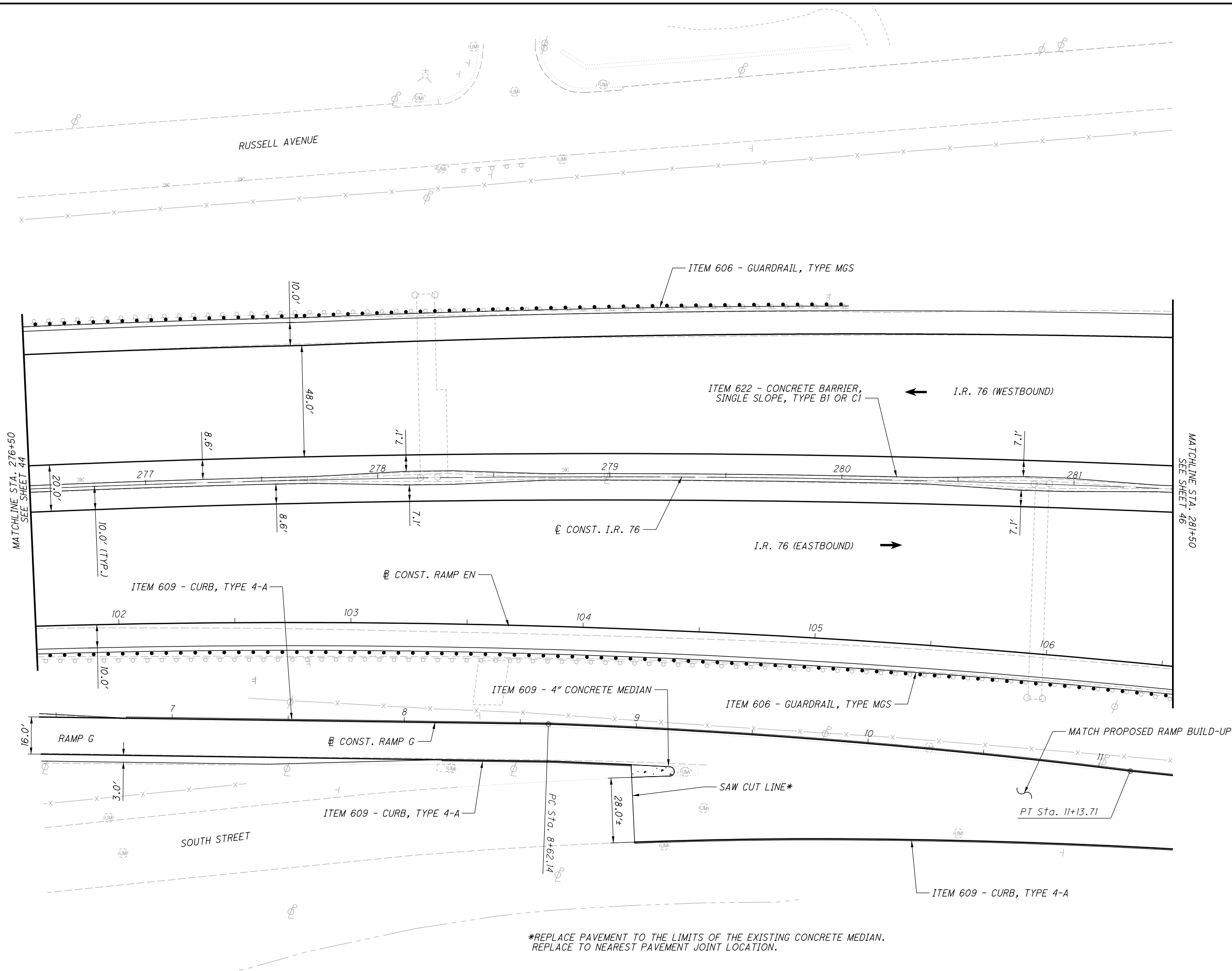
CALCULATED	MLL	CHECKED	JTW
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**PLAN - I.R. 76**  
**STA. 271+50 TO STA. 276+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



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CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

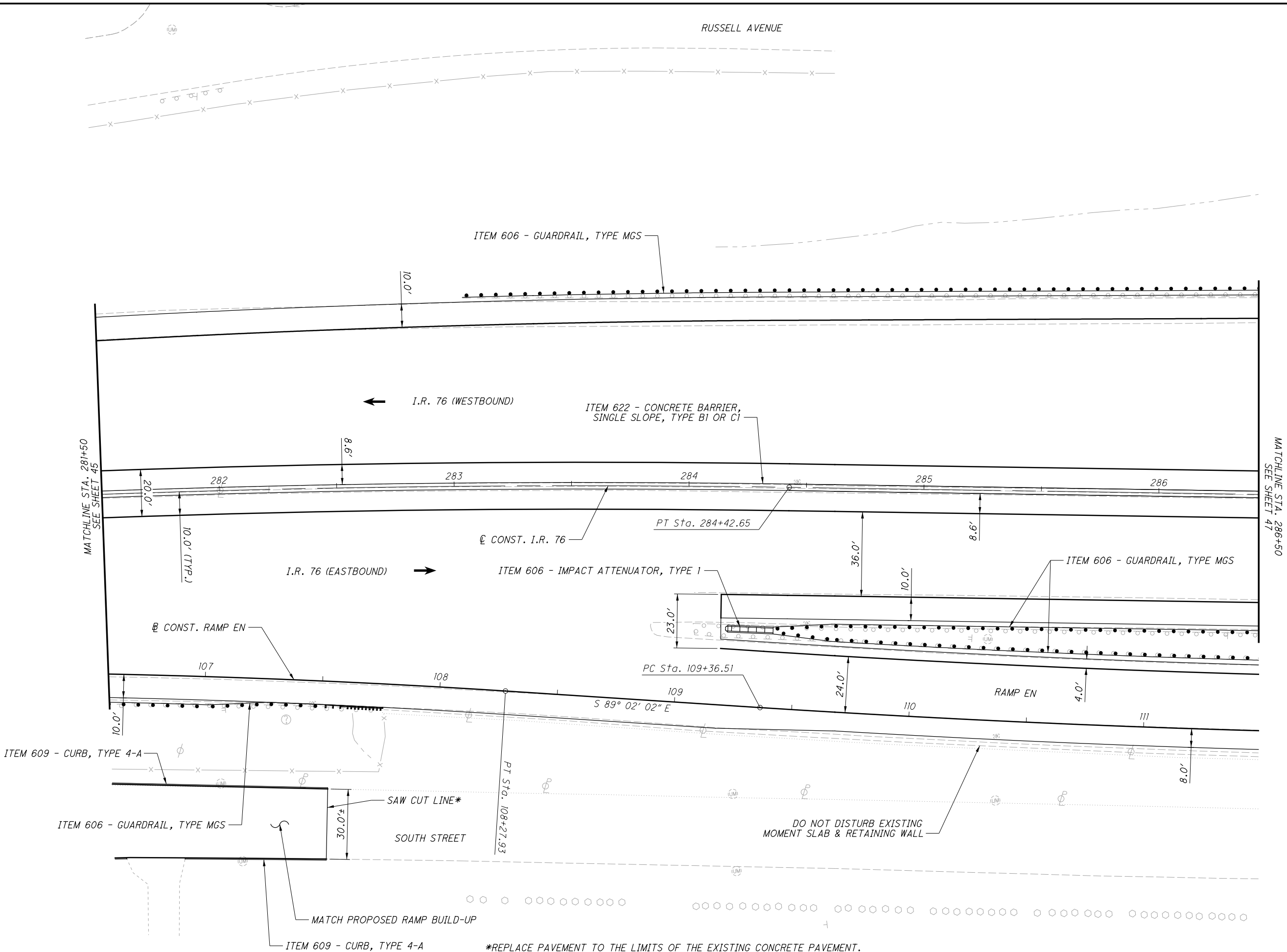
PLAN - I.R. 76  
STA. 276+50 TO STA. 281+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

45  
138

\*REPLACE PAVEMENT TO THE LIMITS OF THE EXISTING CONCRETE MEDIAN.  
REPLACE TO NEAREST PAVEMENT JOINT LOCATION.

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPI09.dgn Sheet 1 8/7/2020 11:31:23 AM mlutes



\*REPLACE PAVEMENT TO THE LIMITS OF THE EXISTING CONCRETE PAVEMENT.

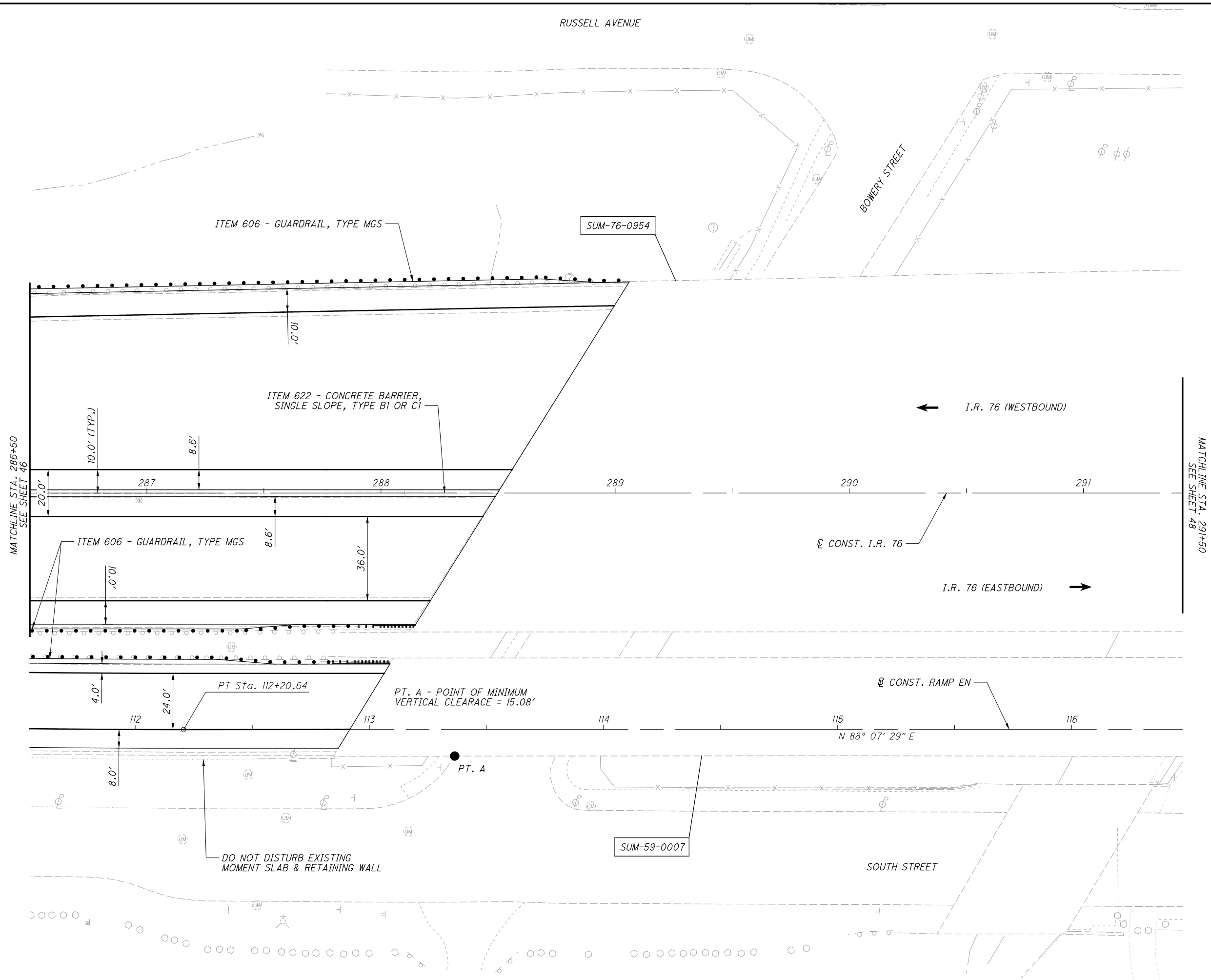
CALCULATED  
MILL  
CHECKED  
JTJ

0 20 40  
HORIZONTAL  
SCALE IN FEET

PLAN - I.R. 76  
STA. 281+50 TO STA. 286+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPI10.dgn Sheet 1 8/7/2020 11:31:24 AM mlj/tes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

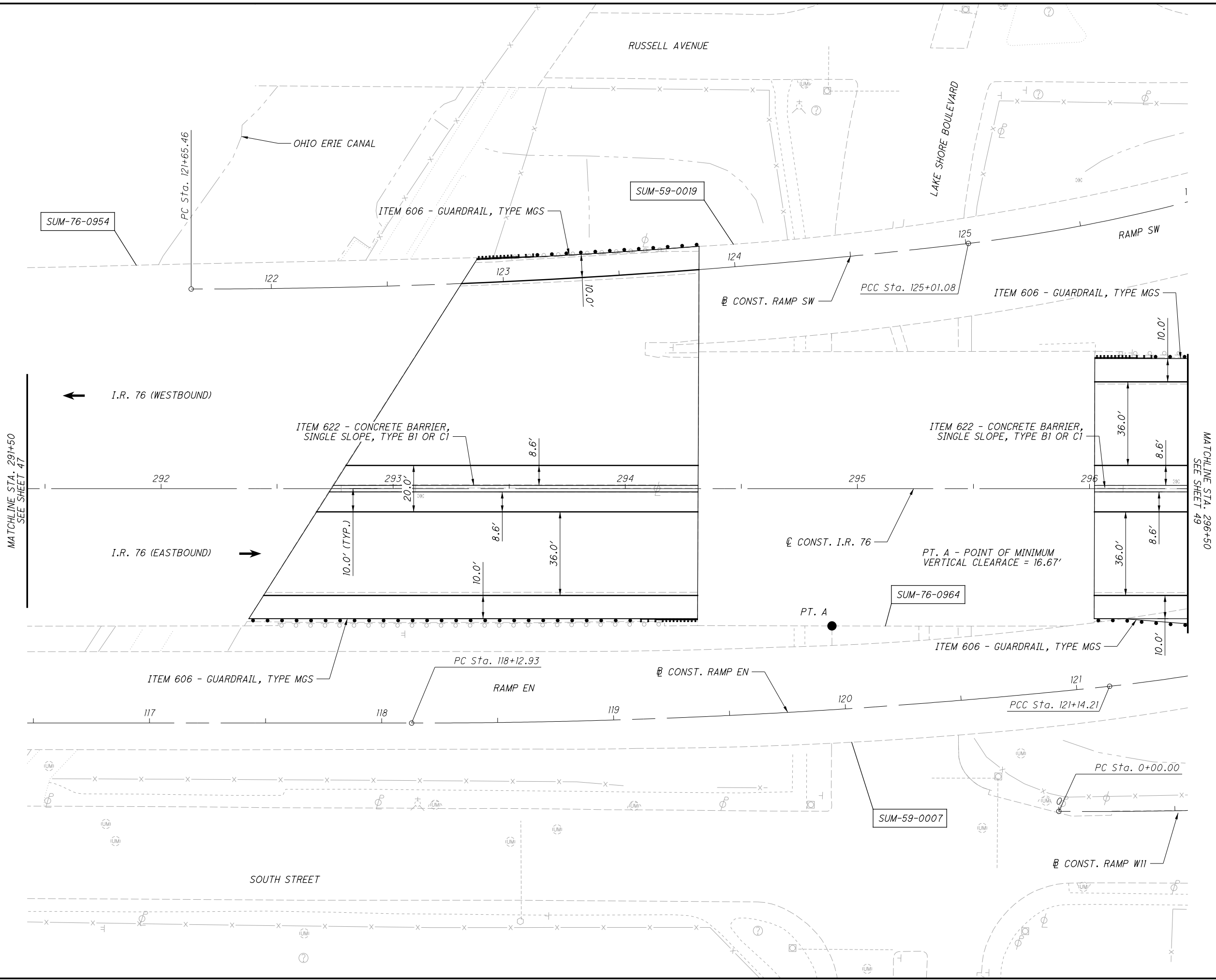
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 286+50 TO STA. 291+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

47  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPill.dgn Sheet 1 8/7/2020 11:31:25 AM mlutes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

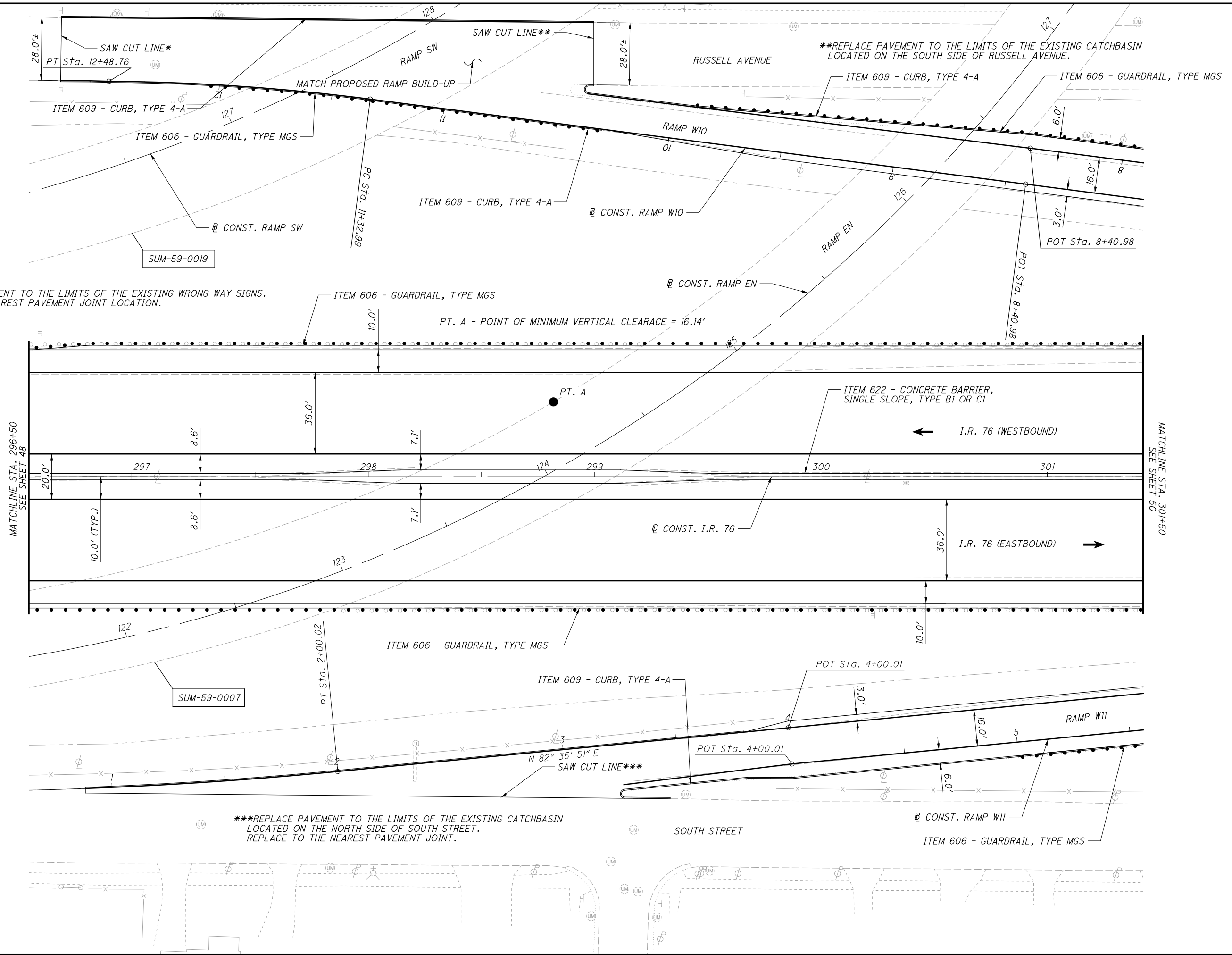
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 291+50 TO STA. 296+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

48  
138

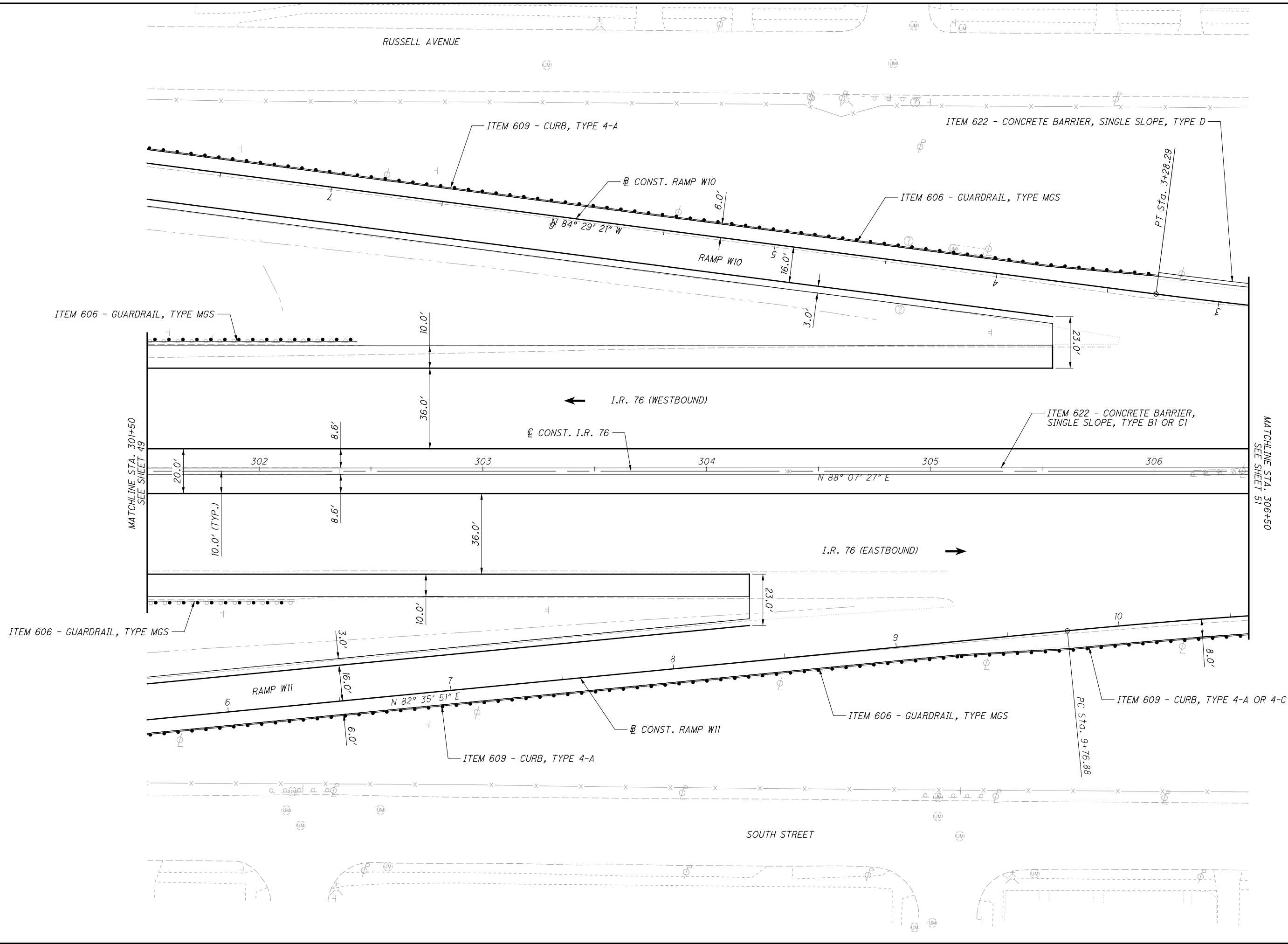
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPII2.dgn Sheet 1 8/7/2020 11:31:27 AM mlj/tes



PLAN - I.R. 76  
STA. 296+50 TO STA. 301+50

SUM-76/77/8-  
8.24/9.74/0.00

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPII3.dgn Sheet | 8/7/2020 11:31:28 AM mlj/tes

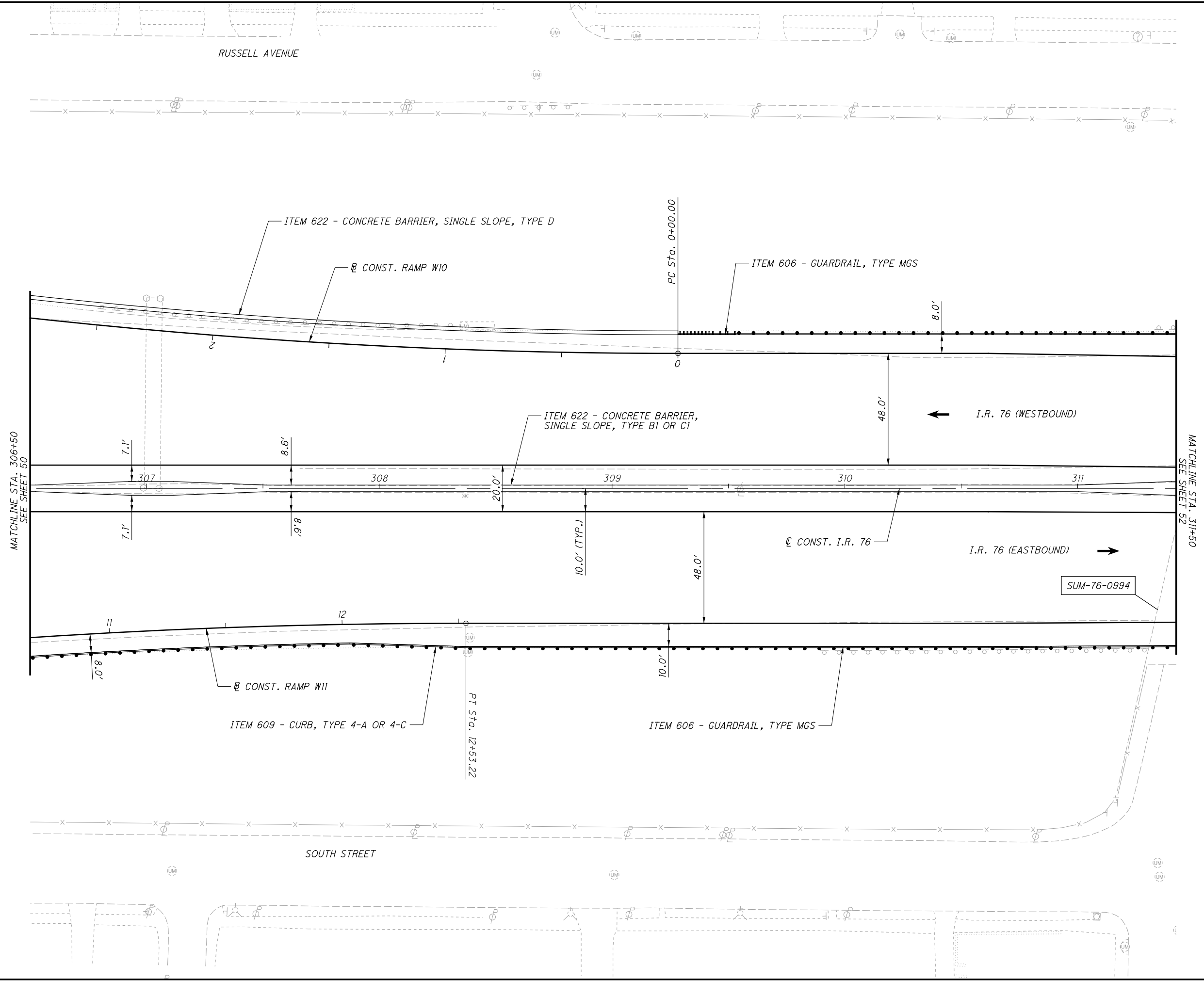


CALCULATED  
 MLL  
 CHECKED  
 JTJ

**PLAN - I.R. 76**  
**STA. 301+50 TO STA. 306+50**

SUM-76 / 77 / 8-  
 8.24 / 9.74 / 0.00

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPII4.dgn Sheet 1 8/7/2020 11:31:29 AM mlutes



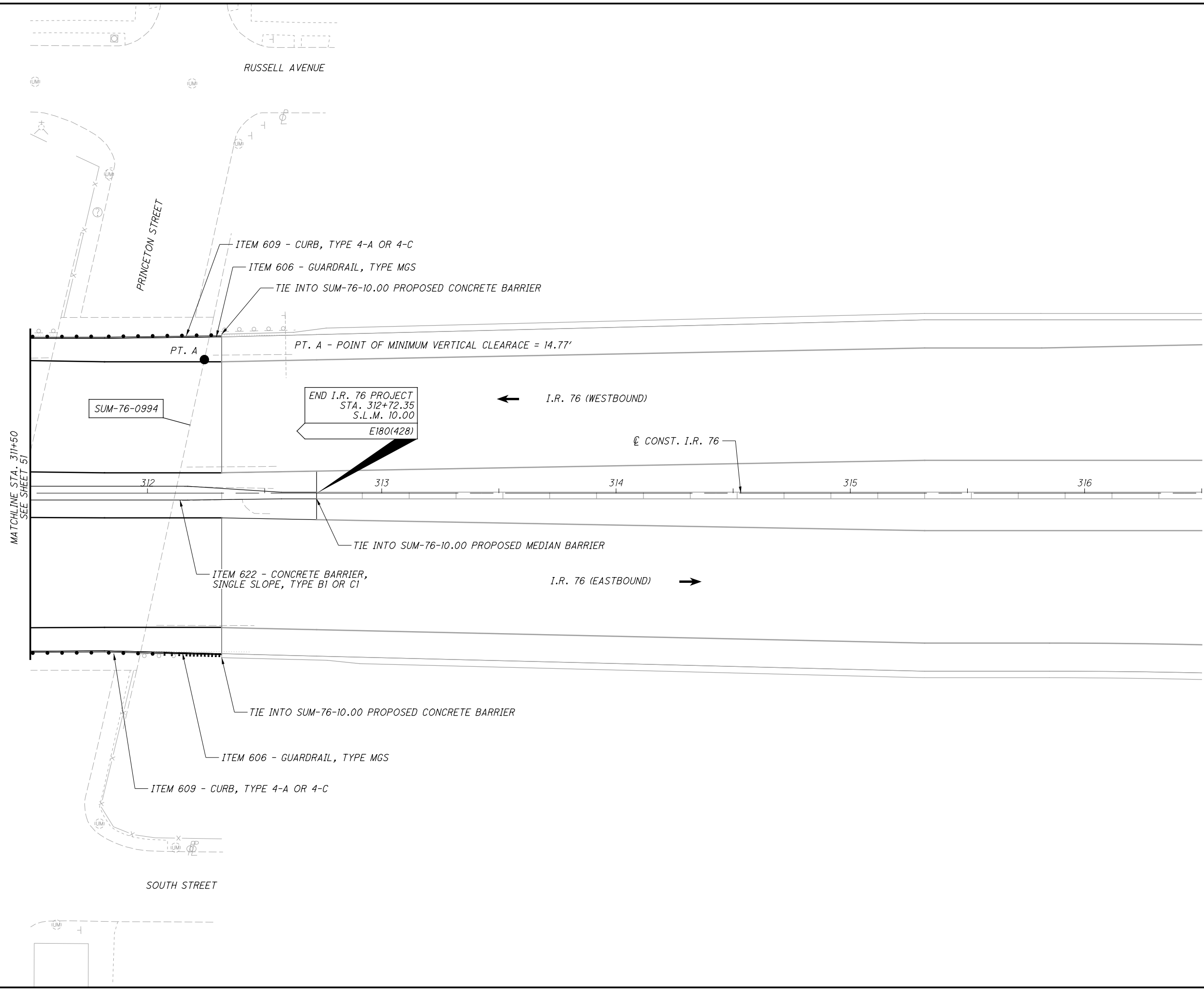
CALCULATED  
MILL  
CHECKED  
JTJW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 306+50 TO STA. 311+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPII5.dgn Sheet 1 8/7/2020 11:31:32 AM mlutes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 76**  
**STA. 311+50 TO END I.R. 76 PROJECT**

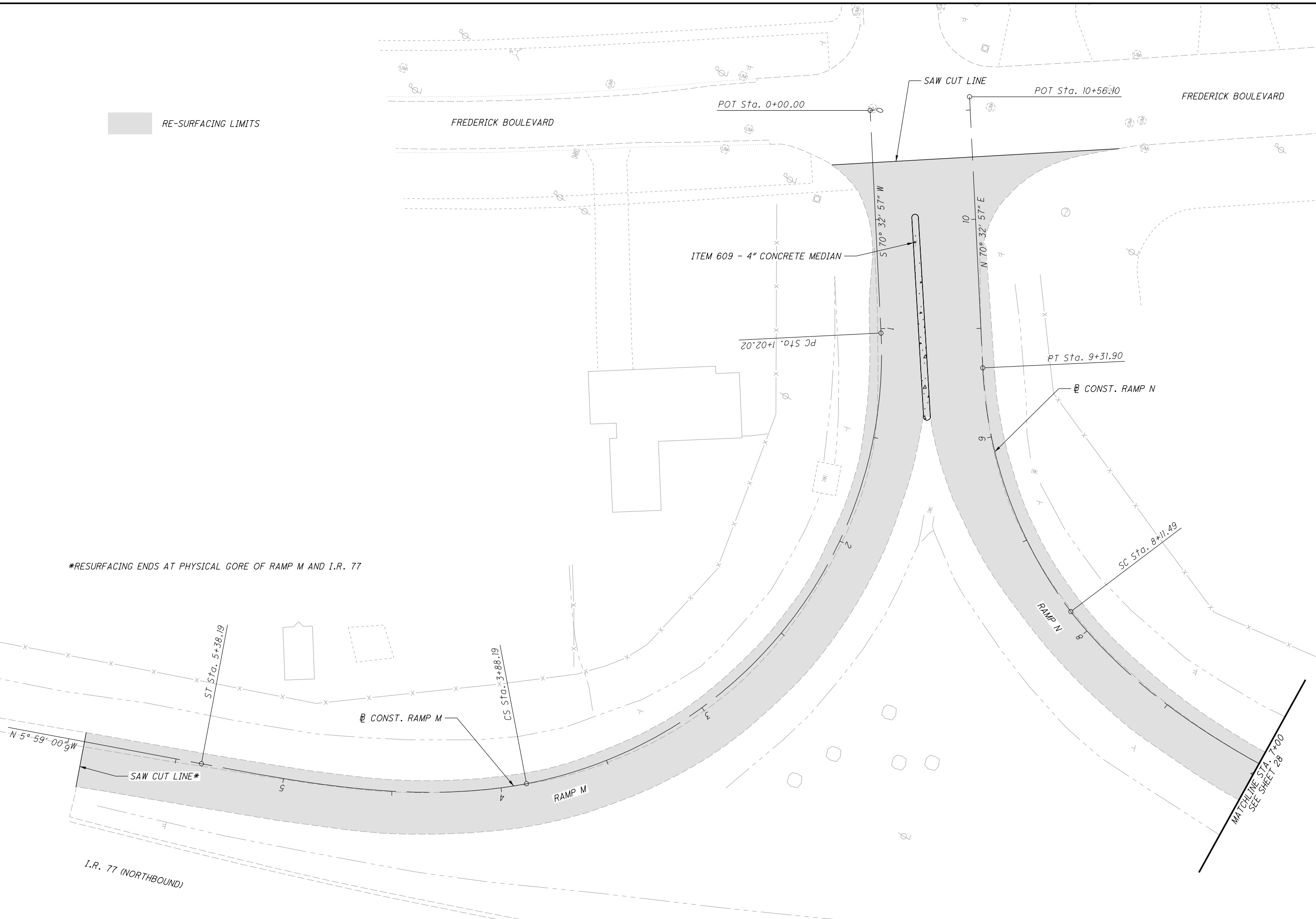
**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP020.dgn Sheet 8/7/2020 11:31:34 AM mlufes

\*RESURFACING ENDS AT PHYSICAL GORE OF RAMP M AND I.R. 77

RE-SURFACING LIMITS

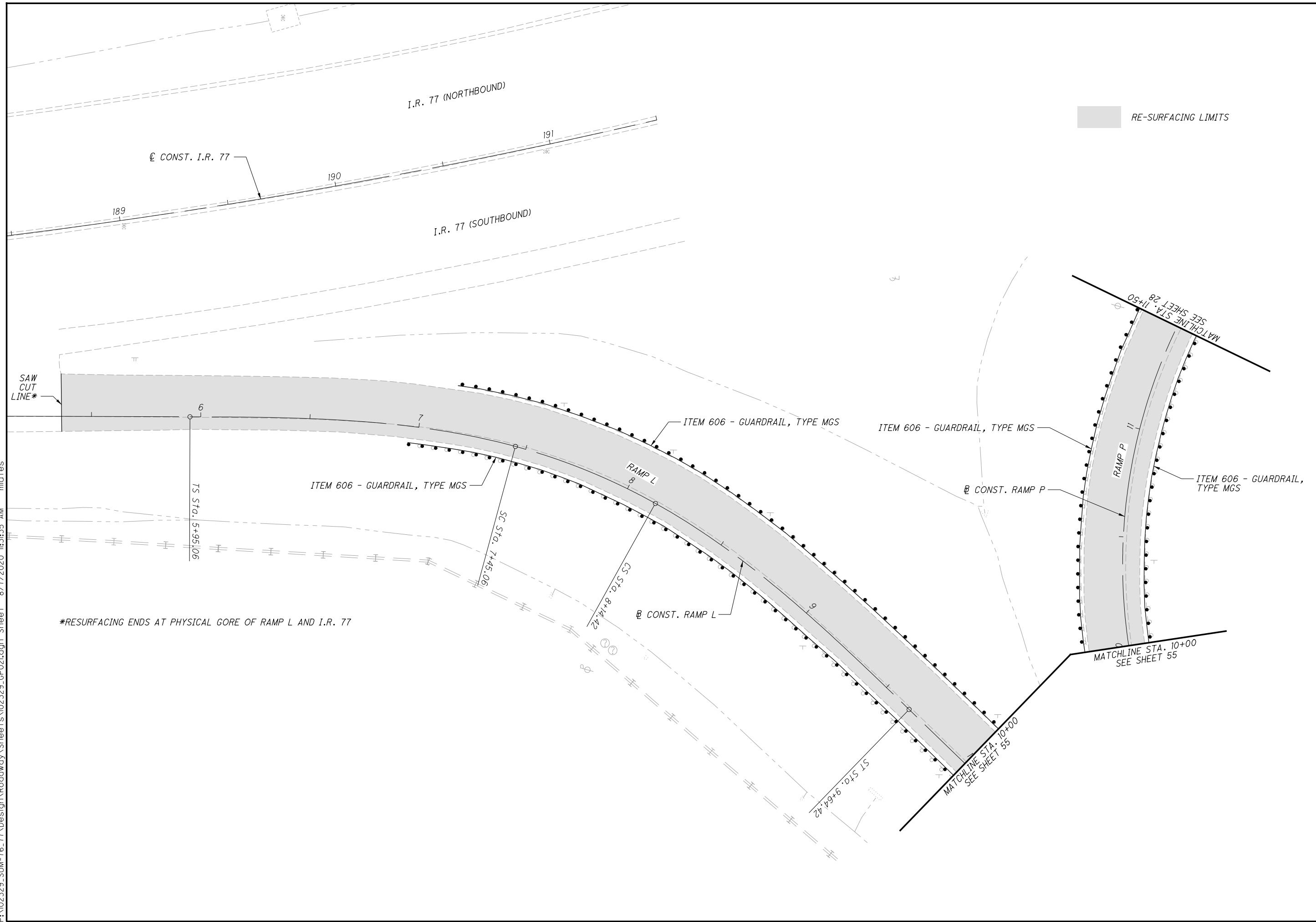


CALCULATED  
MLL  
CHECKED  
JTW

**PLAN - RAMP M & RAMP N  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP021.dgn Sheet 8/7/2020 11:31:35 AM milutes



\*RESURFACING ENDS AT PHYSICAL GORE OF RAMP L AND I.R. 77

RE-SURFACING LIMITS

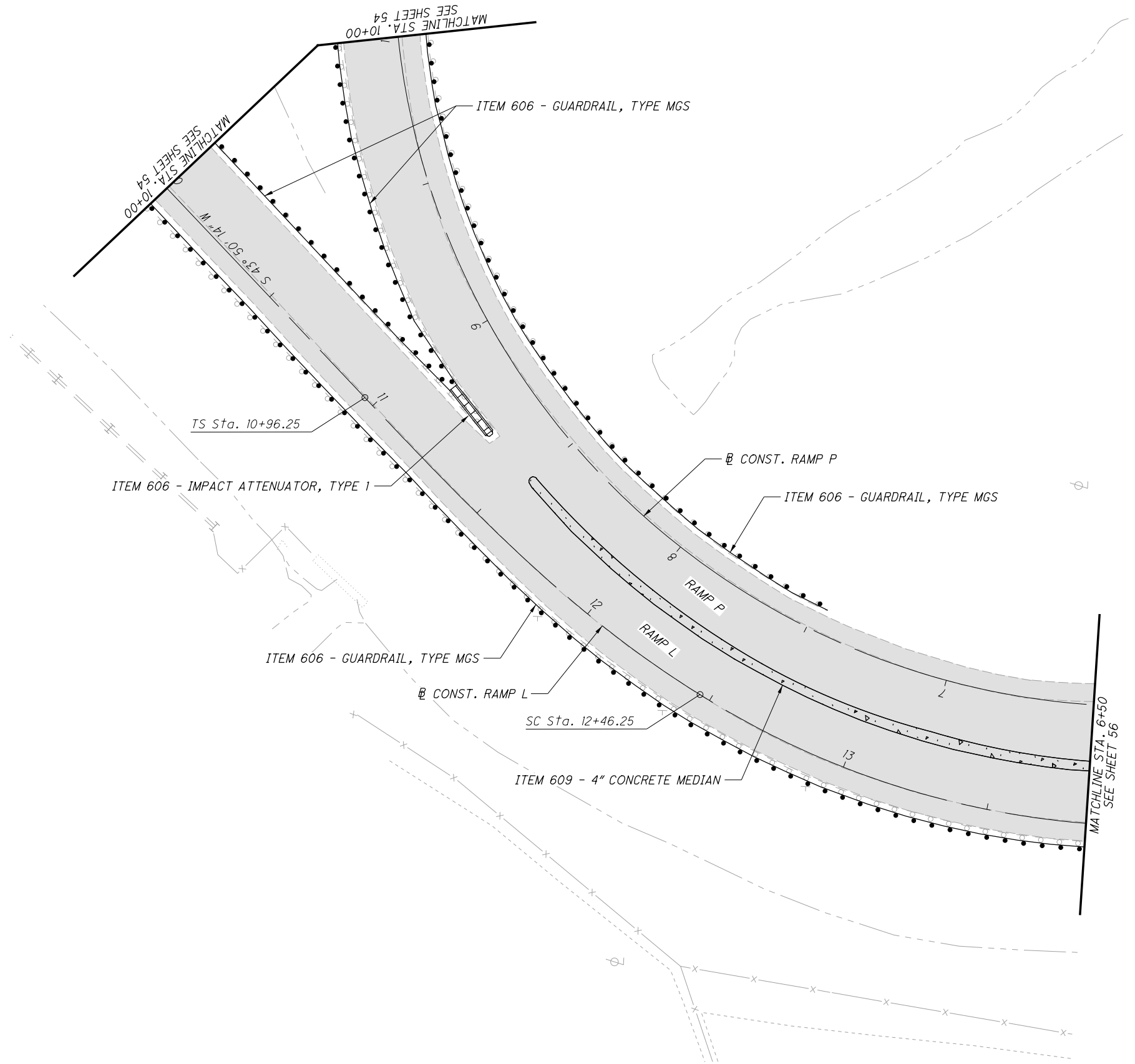


CALCULATED
MLL
CHECKED
JTW

**PLAN - RAMP L & RAMP P**  
**RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

RE-SURFACING LIMITS



CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

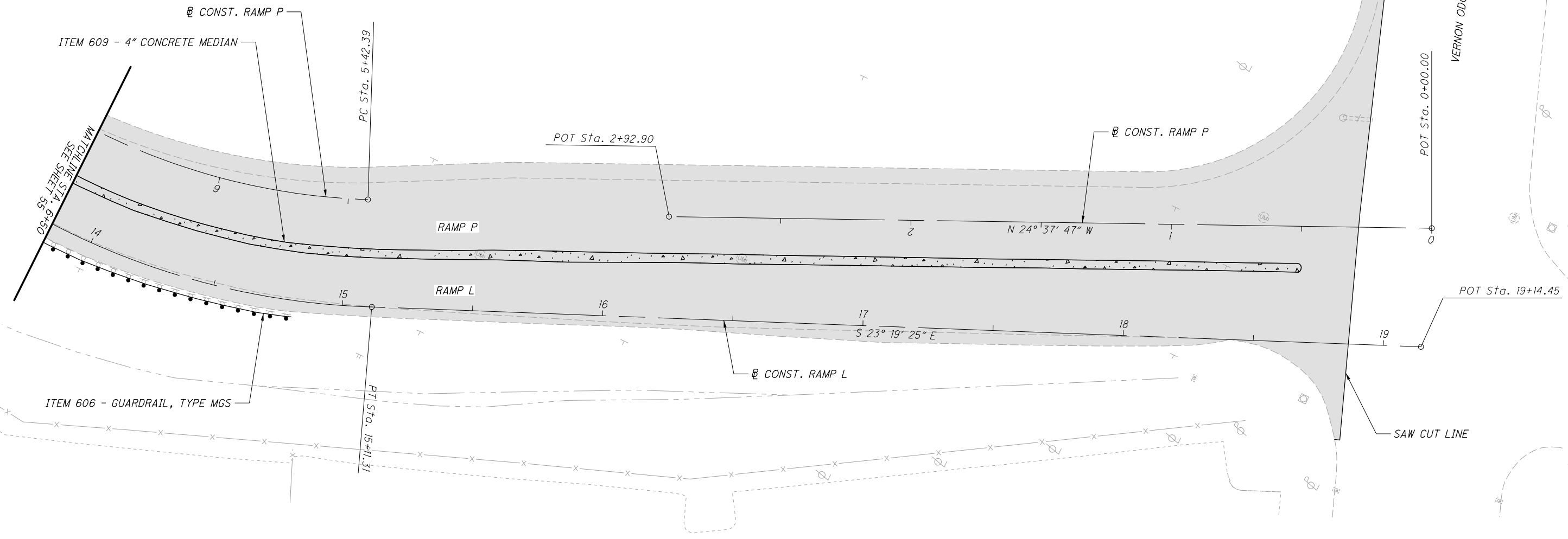
N

**PLAN - RAMP L & RAMP P  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP023.dgn Sheet 8/7/2020 11:31:38 AM mlutes

RE-SURFACING LIMITS



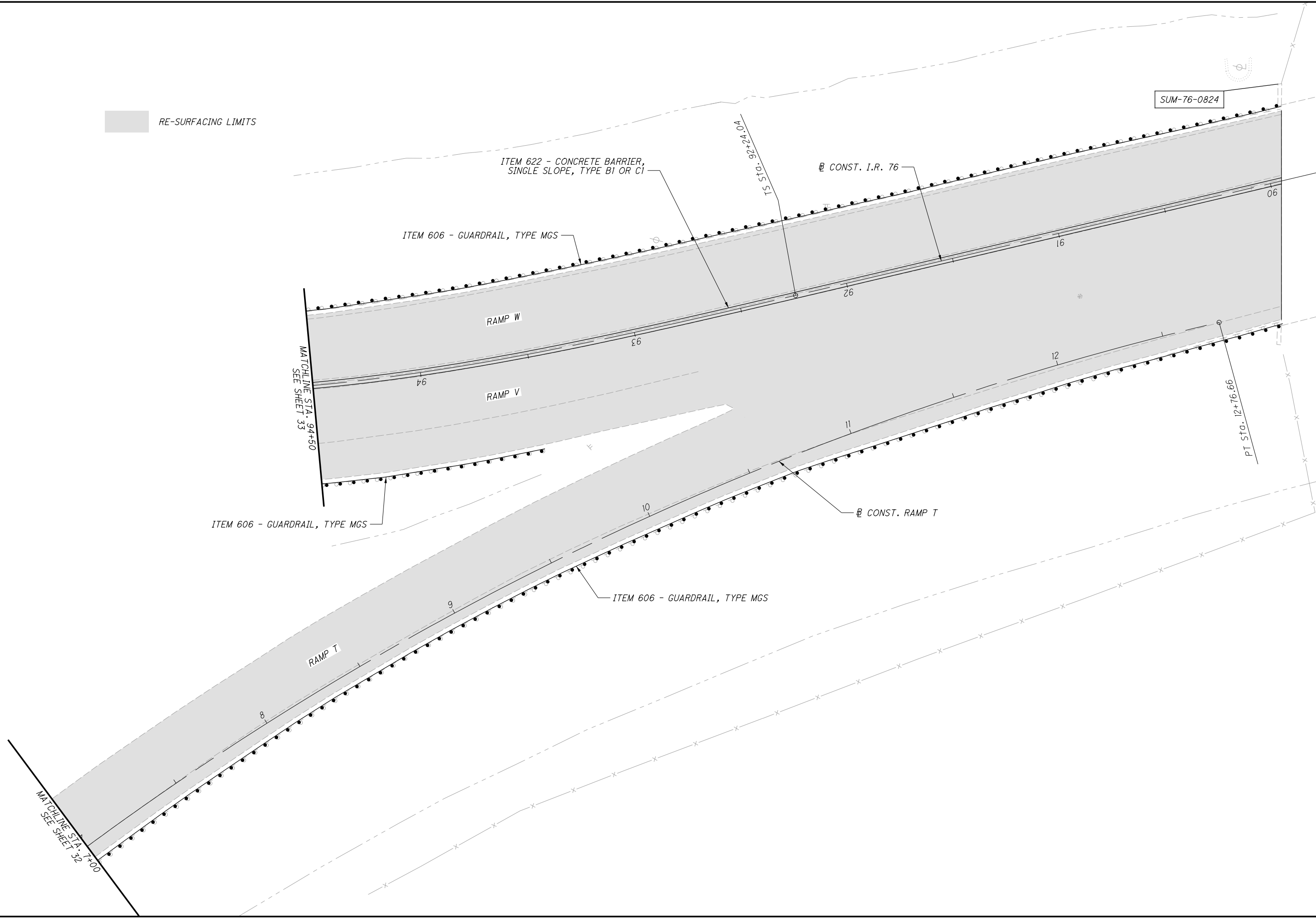
CALCULATED  
MILL  
CHECKED  
JTJW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP L & RAMP P  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP024.dgn Sheet 8/7/2020 11:31:39 AM mlufes



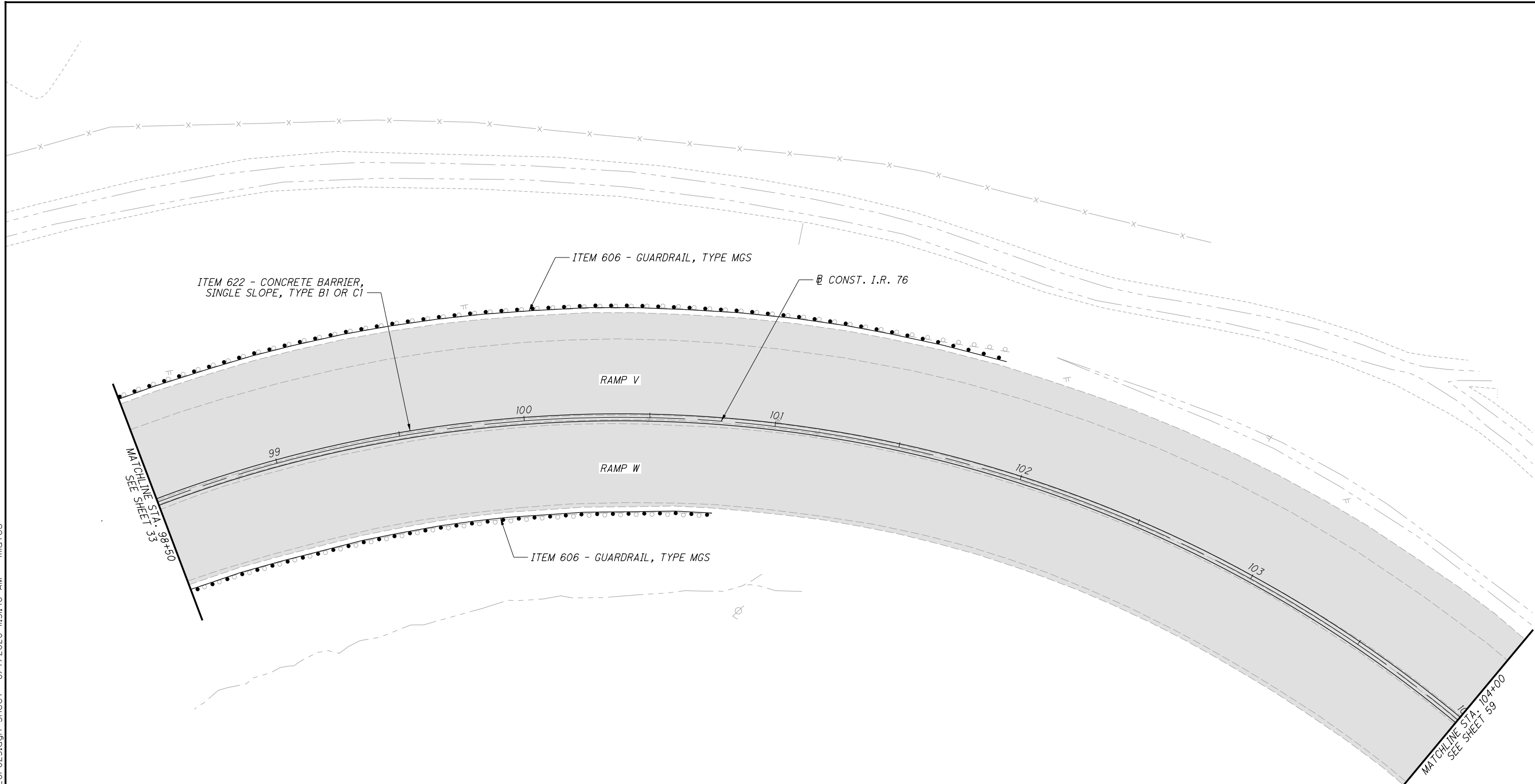
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

57  
138

PLAN - RAMP T, RAMP V & RAMP W  
RE-SURFACING LIMITS

SUM-76/77/8-  
8.24/9.74/0.00



 RE-SURFACING LIMITS

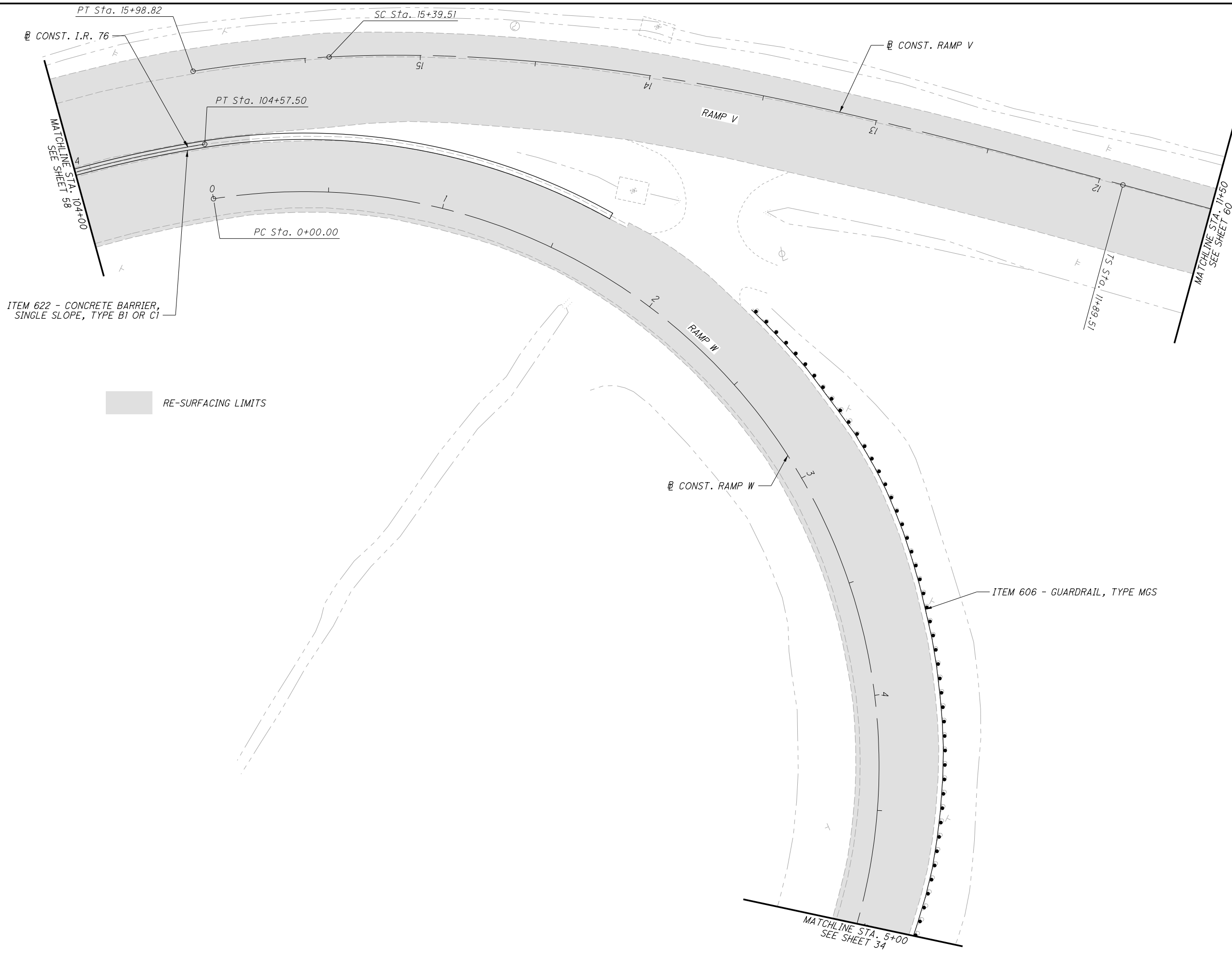
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP V & RAMP W  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP026.dgn Sheet 8/7/2020 11:31:41 AM mlj/tes

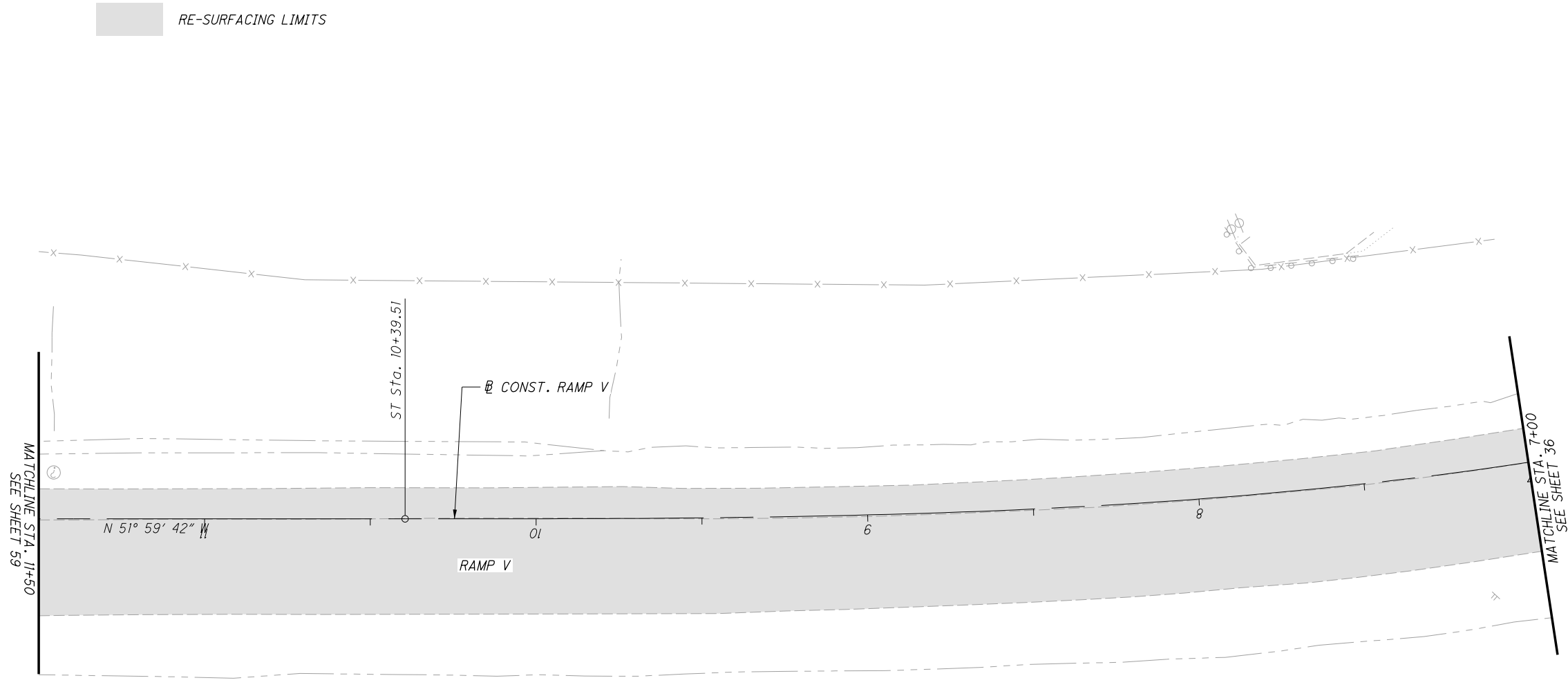


CALCULATED  
MILL  
CHECKED  
JTJW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP V & RAMP W  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**





P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP028.dgn Sheet 8/7/2020 11:31:43 AM mlufes



CALCULATED  
MLL  
CHECKED  
JTW

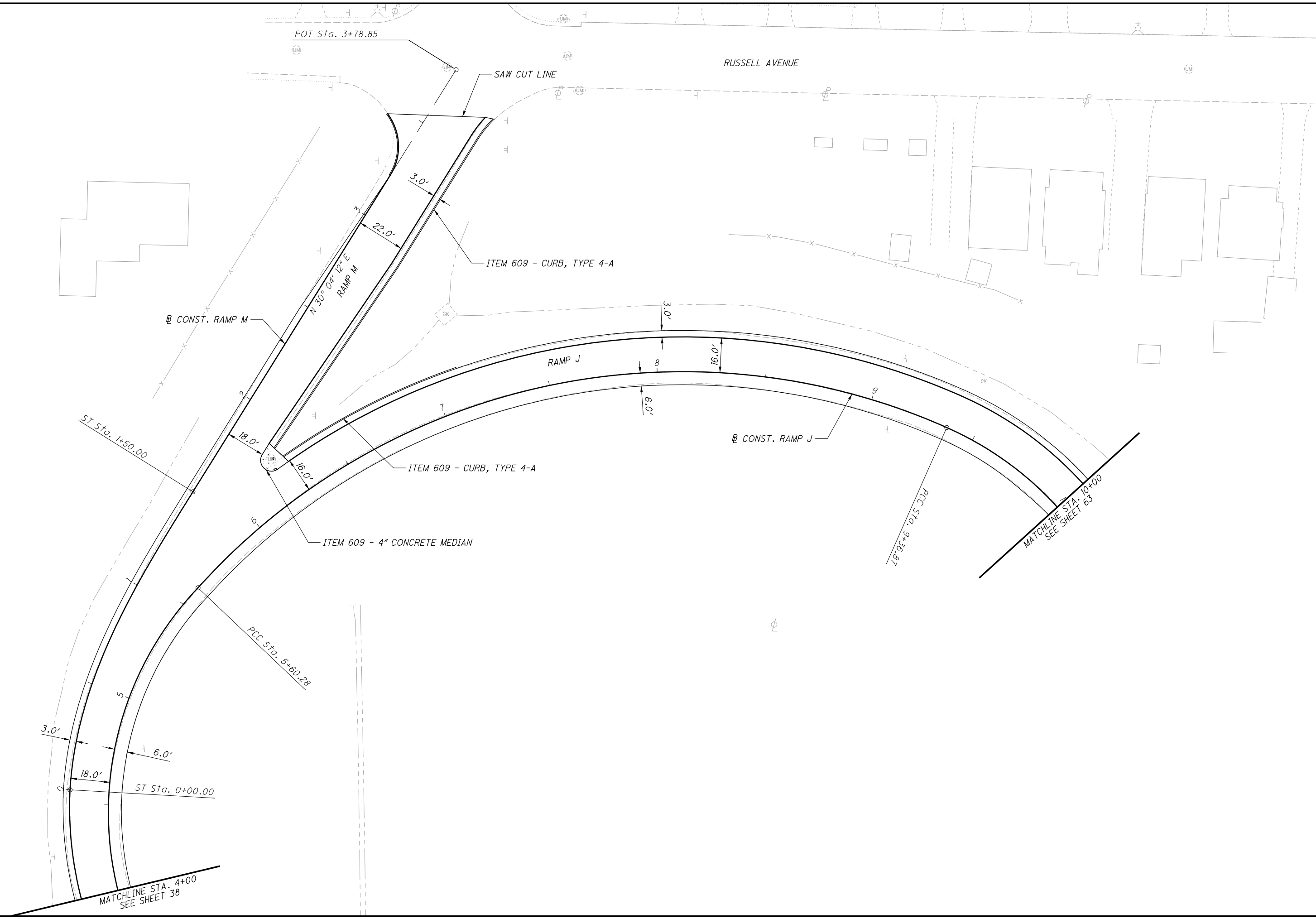
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP U  
RE-SURFACING LIMITS**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

61  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPI16.dgn Sheet 1 8/7/2020 11:31:45 AM mlutes



POT Sta. 3+78.85

RUSSELL AVENUE

SAW CUT LINE

ITEM 609 - CURB, TYPE 4-A

CONST. RAMP M

N 30° 04' 12\"/>RAMP M

RAMP J

CONST. RAMP J

ITEM 609 - CURB, TYPE 4-A

ITEM 609 - 4\"/>CONCRETE MEDIAN

PCC Sta. 9+36.87

MATCHLINE STA. 10+00  
SEE SHEET 63

ST Sta. 1+50.00

PCC Sta. 5+60.28

ST Sta. 0+00.00

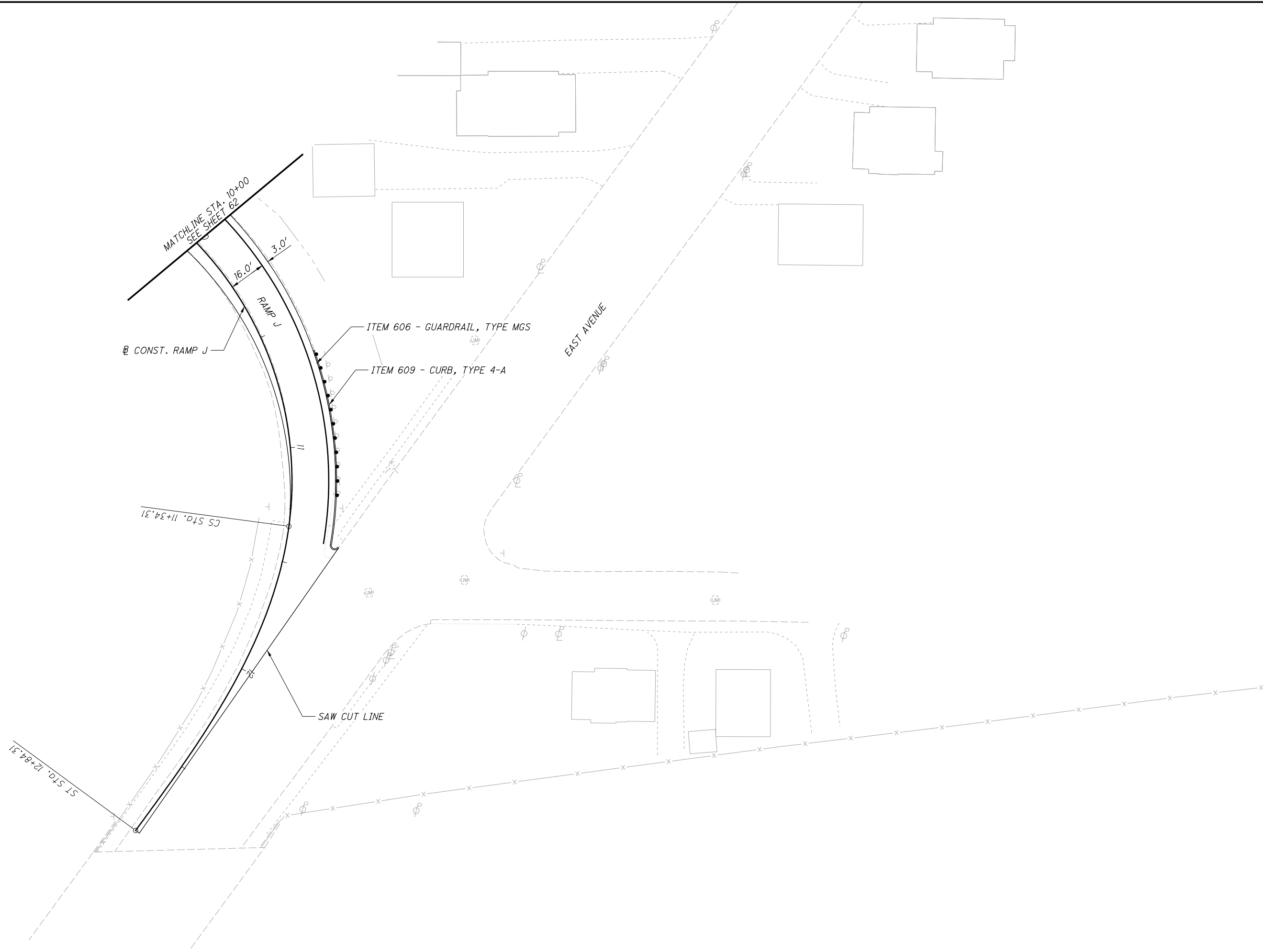
MATCHLINE STA. 4+00  
SEE SHEET 38

CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP J & RAMP M**  
**STA. 4+00 TO STA. 10+00**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

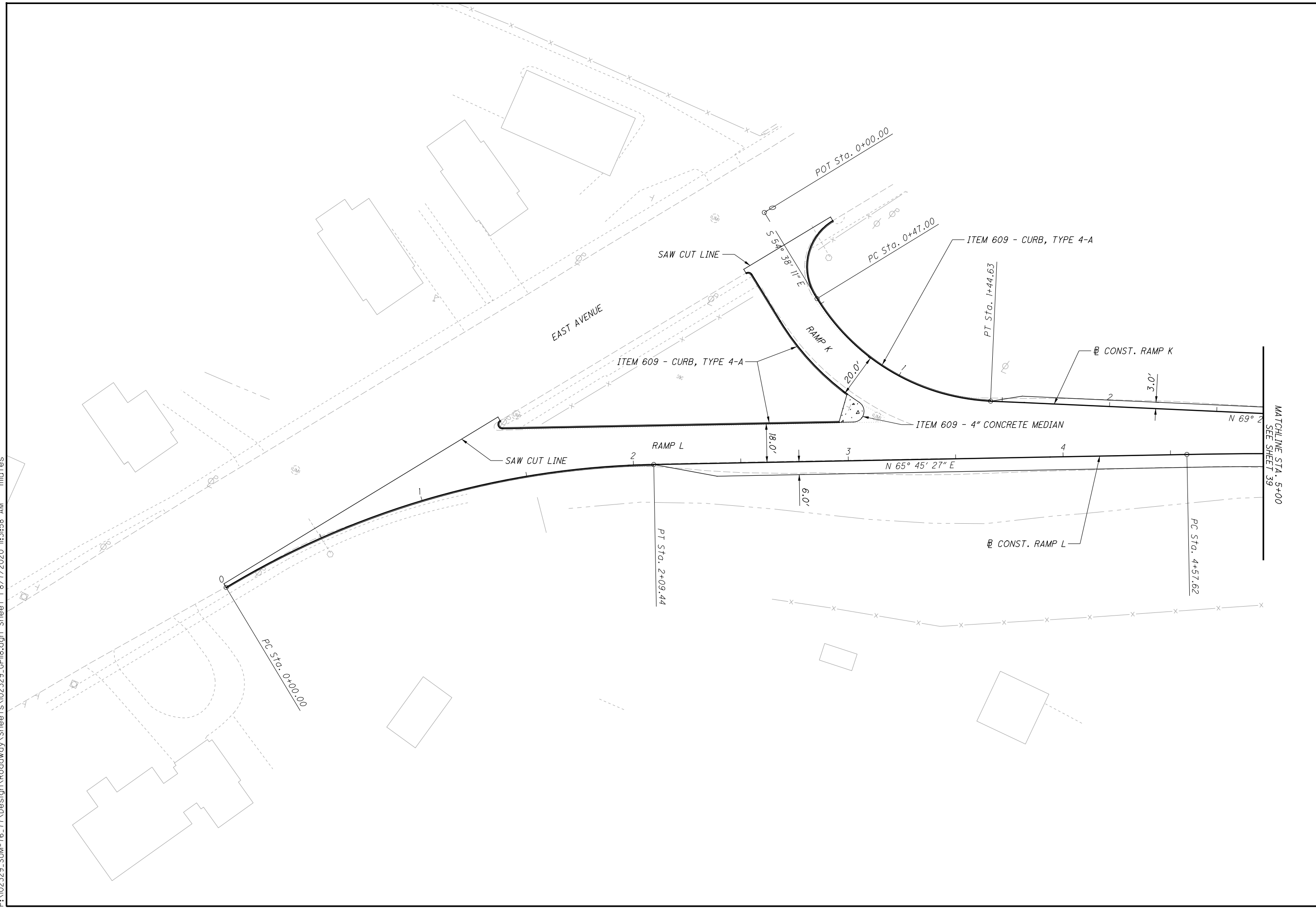


CALCULATED	MLL	CHECKED	JTW

**PLAN - RAMP J**  
**STA. 10+00 TO END WORK**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GPI18.dgn Sheet 1 8/7/2020 11:31:58 AM mlr/tes



CALCULATED  
MLL  
CHECKED  
JTW

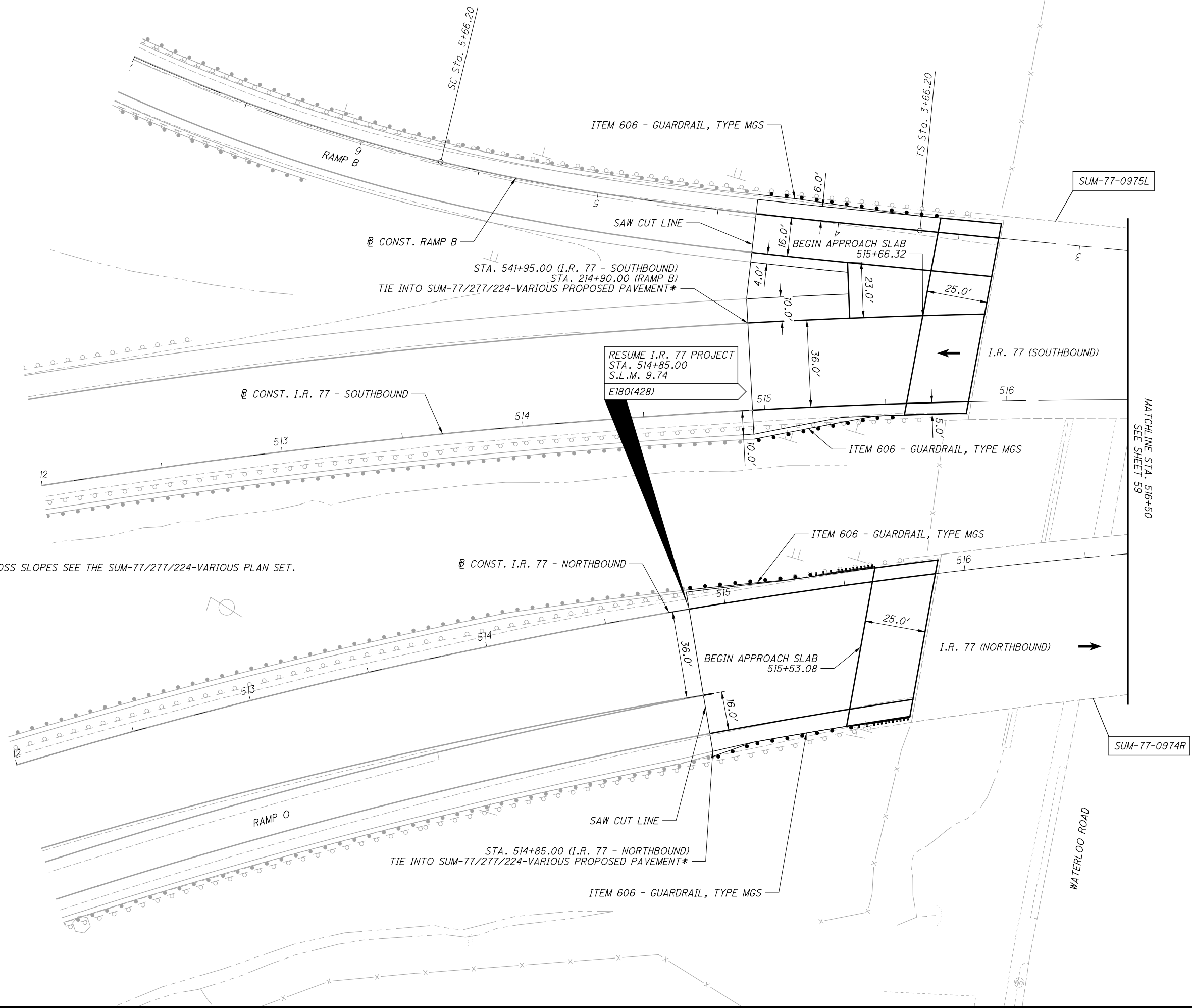
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - RAMP K & RAMP L**  
**BEGIN WORK TO STA. 5+00**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP200.dgn Sheet 1 8/11/2020 11:25:04 AM milutes

\*FOR RAMP PROFILES AND PAVEMENT CROSS SLOPES SEE THE SUM-77/277/224-VARIOUS PLAN SET.



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**BEGIN I.R. 77 PROJECT TO STA. 516+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

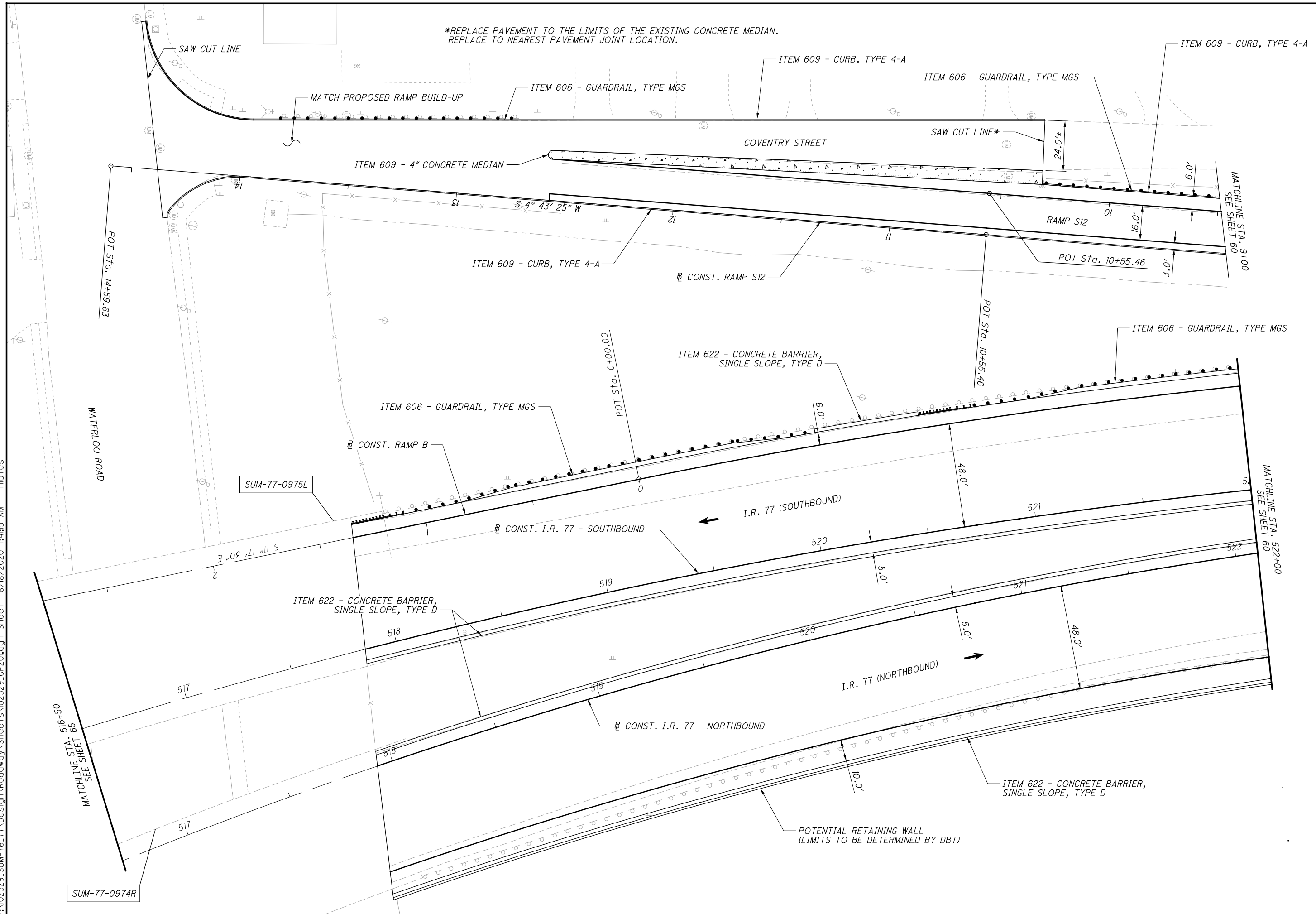
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP201.dgn Sheet 1 8/18/2020 11:41:15 AM milutes



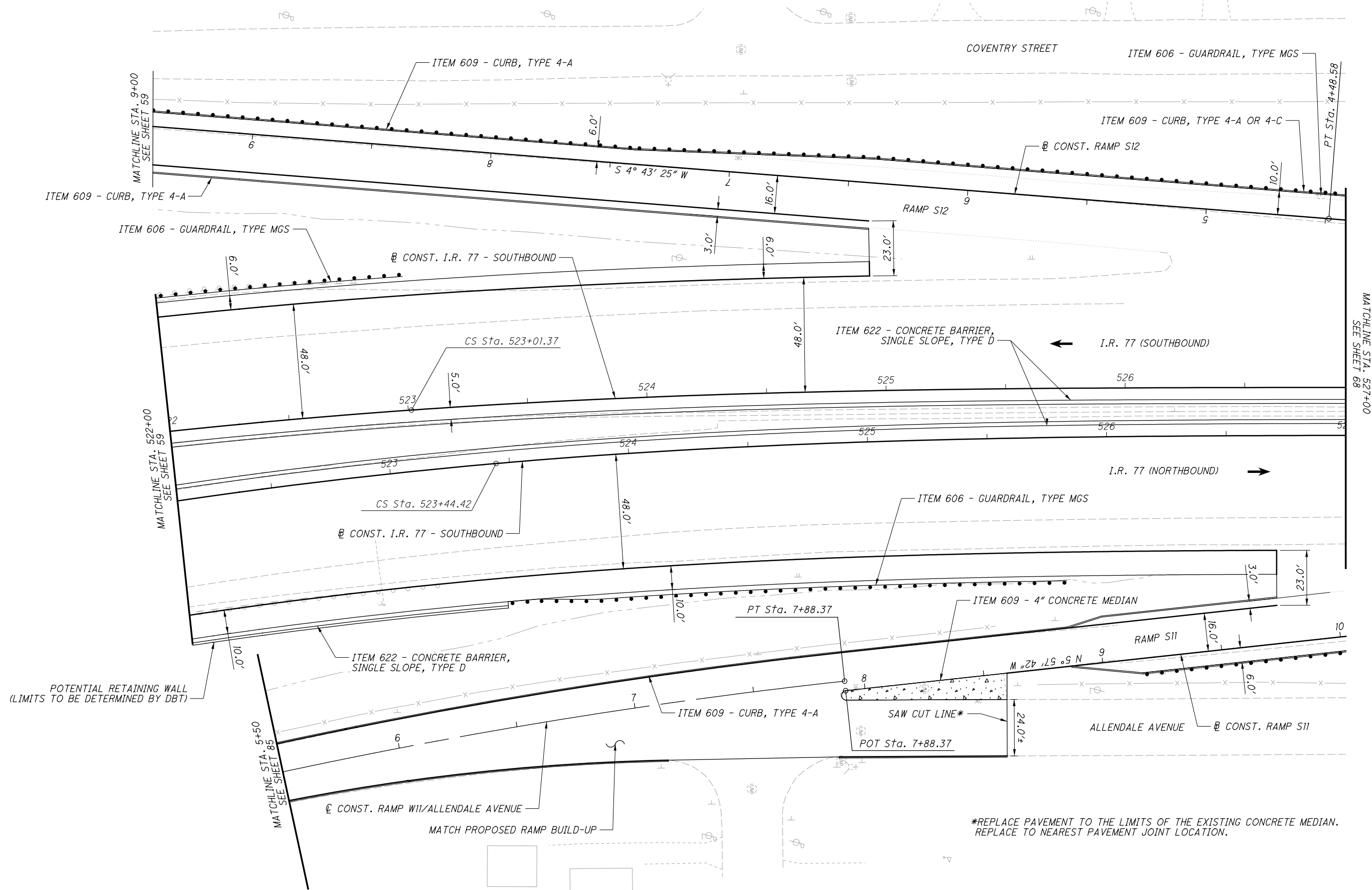
CALCULATED MLL CHECKED JTJ

**PLAN - I.R. 77**  
**STA. 516+50 TO STA. 522+00**

**SUM-76/77/8-**  
**8.24/9.74/0.00**



P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP202.dgn Sheet 1 8/7/2020 11:32:09 AM mlutes



POTENTIAL RETAINING WALL  
(LIMITS TO BE DETERMINED BY DBT)

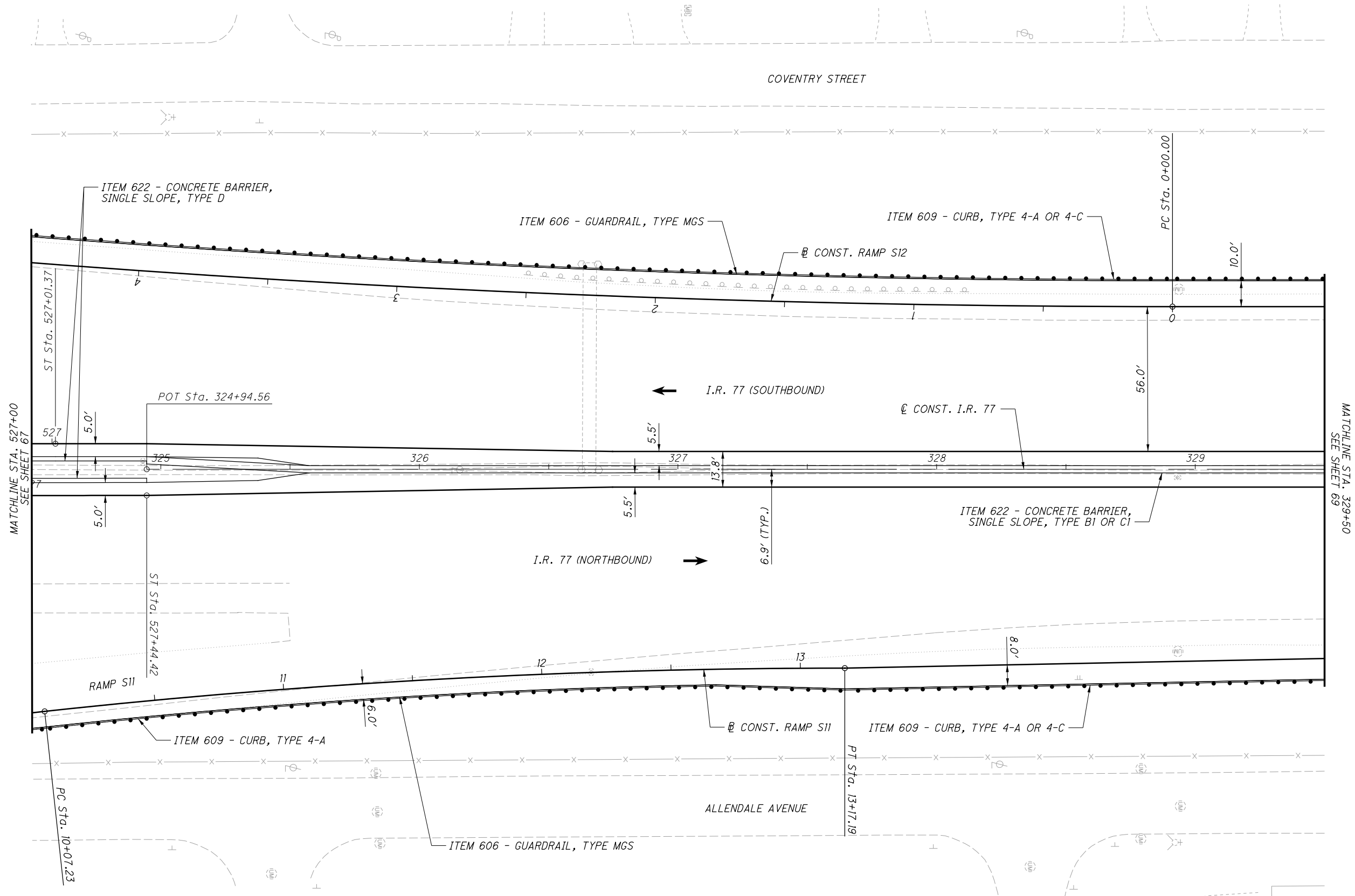
\*REPLACE PAVEMENT TO THE LIMITS OF THE EXISTING CONCRETE MEDIAN.  
REPLACE TO NEAREST PAVEMENT JOINT LOCATION.



CALCULATED
MLL
CHECKED
JTW

**PLAN - I.R. 77**  
**STA. 522+00 TO STA. 527+00**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



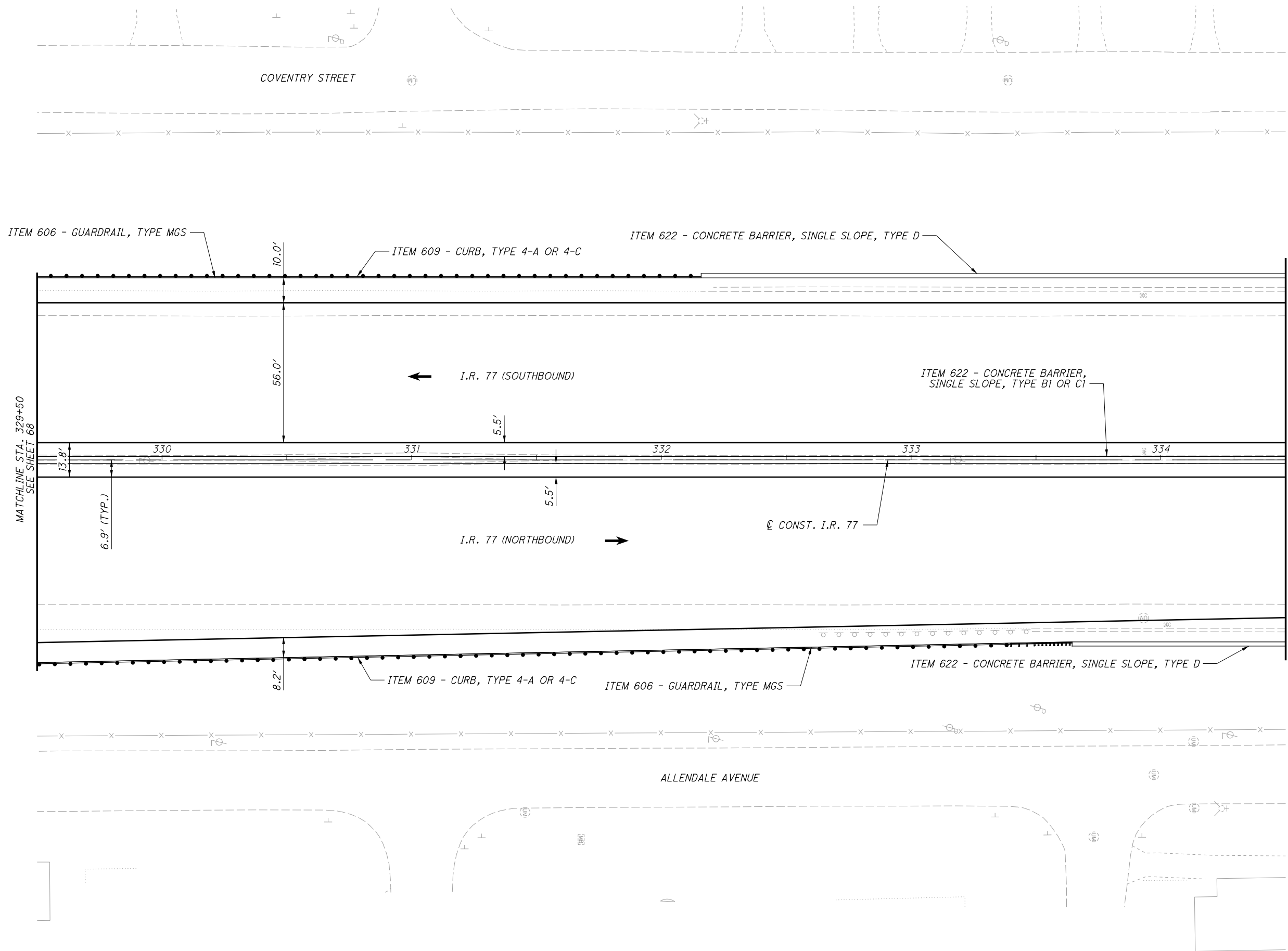

  

  
 CALCULATED: MLL  
 CHECKED: JTJ

**PLAN - I.R. 77**  
**STA. 527+00 TO STA. 329+50**



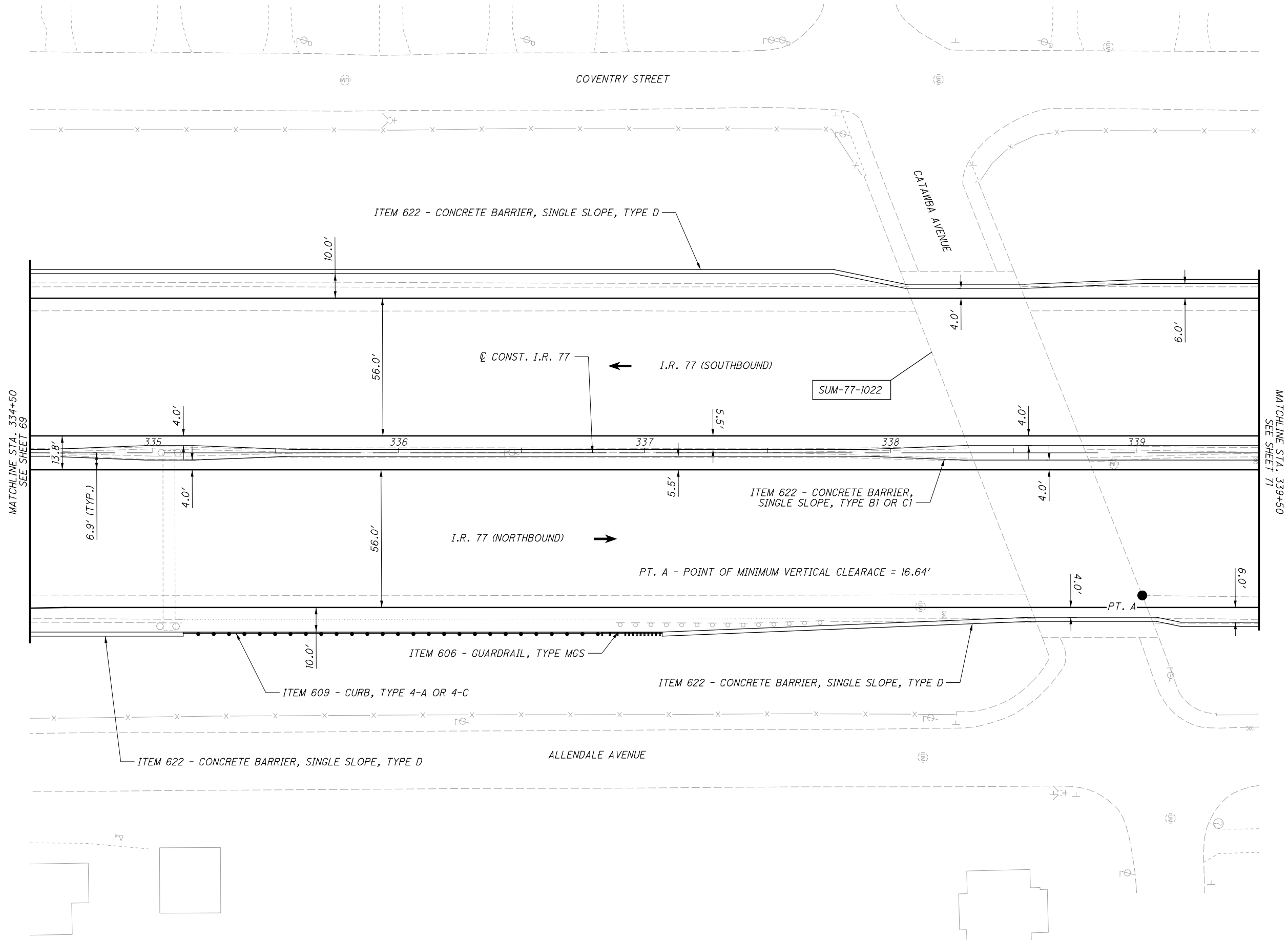
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CALCULATED	MLL	CHECKED	JTW
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**PLAN - I.R. 77**  
**STA. 329+50 TO STA. 334+50**

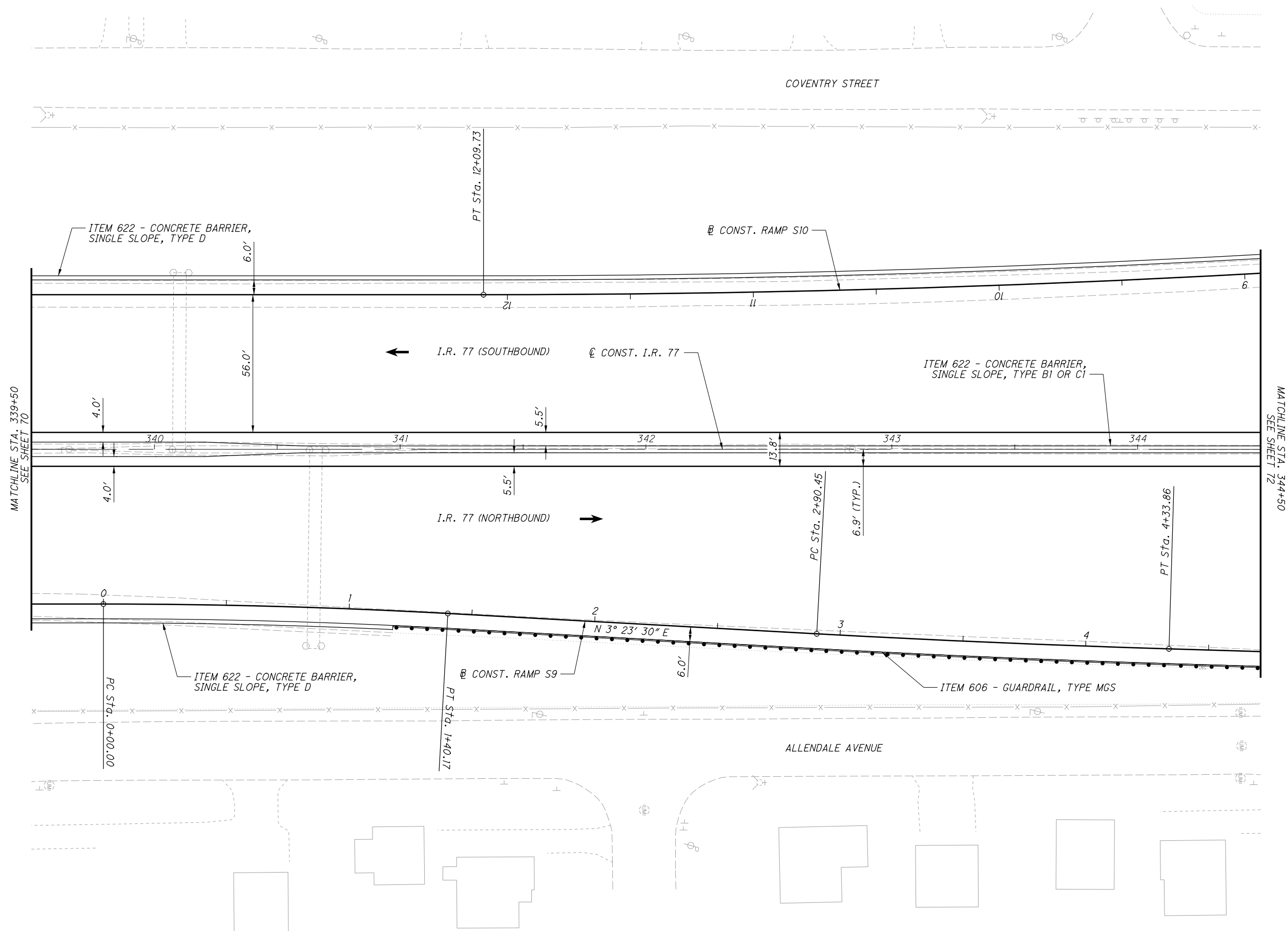
**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED	MLL	CHECKED	JTW
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**PLAN - I.R. 77**  
**STA. 334+50 TO STA. 339+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

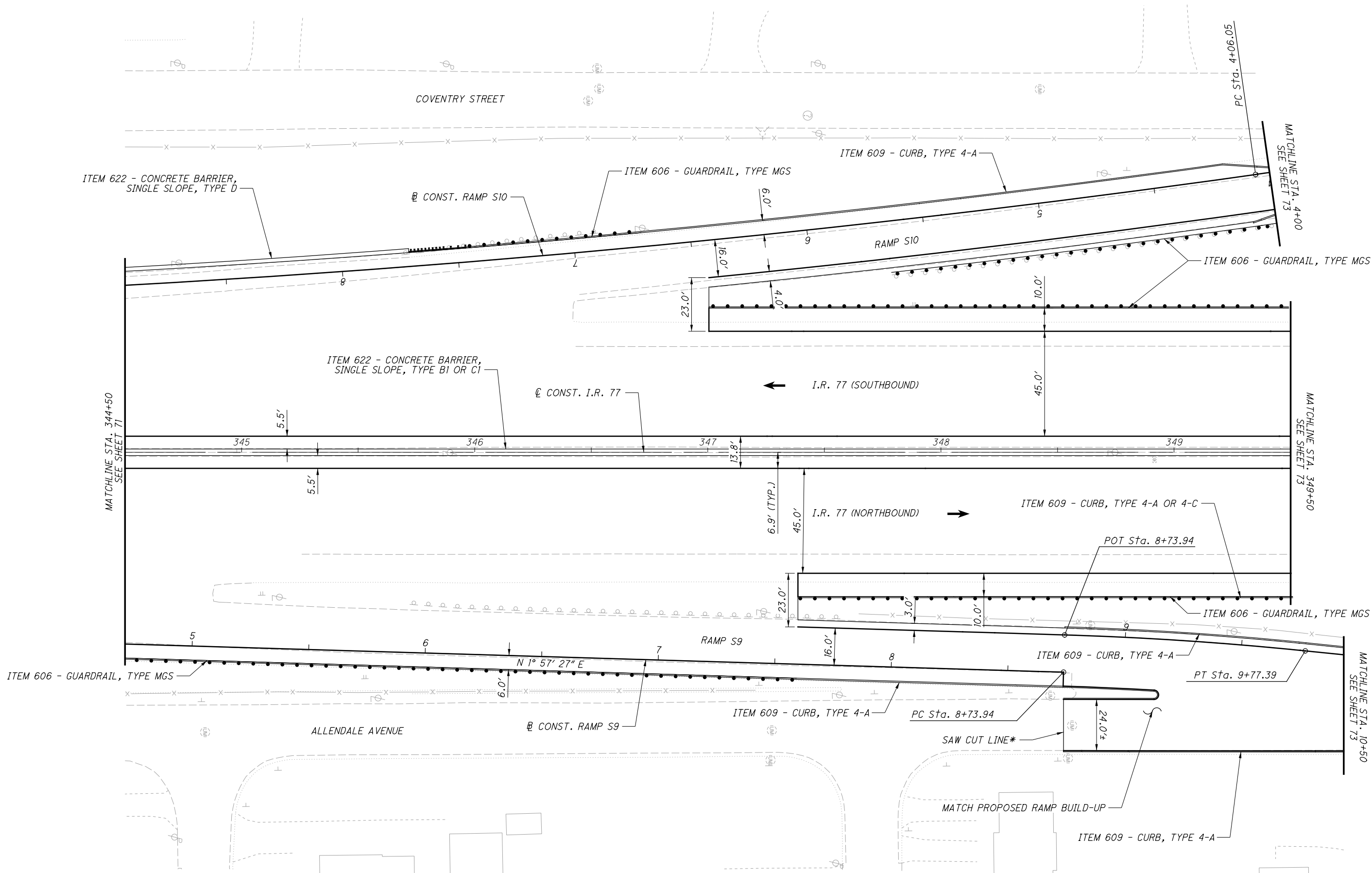
0 20 40  
HORIZONTAL  
SCALE IN FEET

N

**PLAN - I.R. 77**  
**STA. 339+50 TO STA. 344+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP207.dgn Sheet 1 8/7/2020 11:32:15 AM mlutes



\*REPLACE PAVEMENT TO THE LIMITS OF THE EXISTING CATCHBASIN  
 LOCATED ON THE NORTH SIDE OF ALLENDALE AVENUE.  
 REPLACE TO NEAREST PAVEMENT JOINT LOCATION.

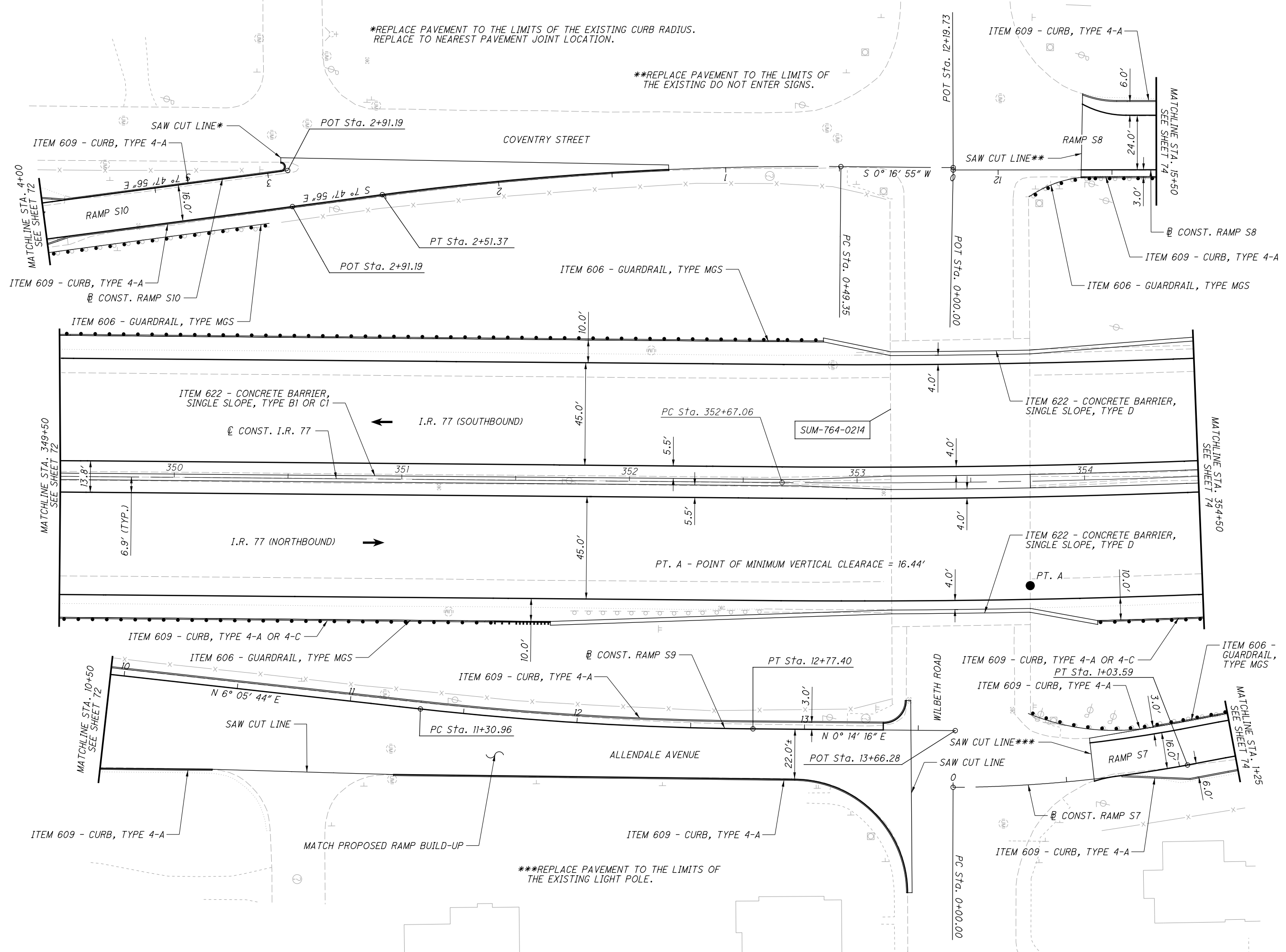
  
 HORIZONTAL SCALE IN FEET

CALCULATED  
 MLL  
 CHECKED  
 JTJ

**PLAN - I.R. 77**  
**STA. 344+50 TO STA. 349+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP208.dgn Sheet 1 8/7/2020 11:32:16 AM mlutes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

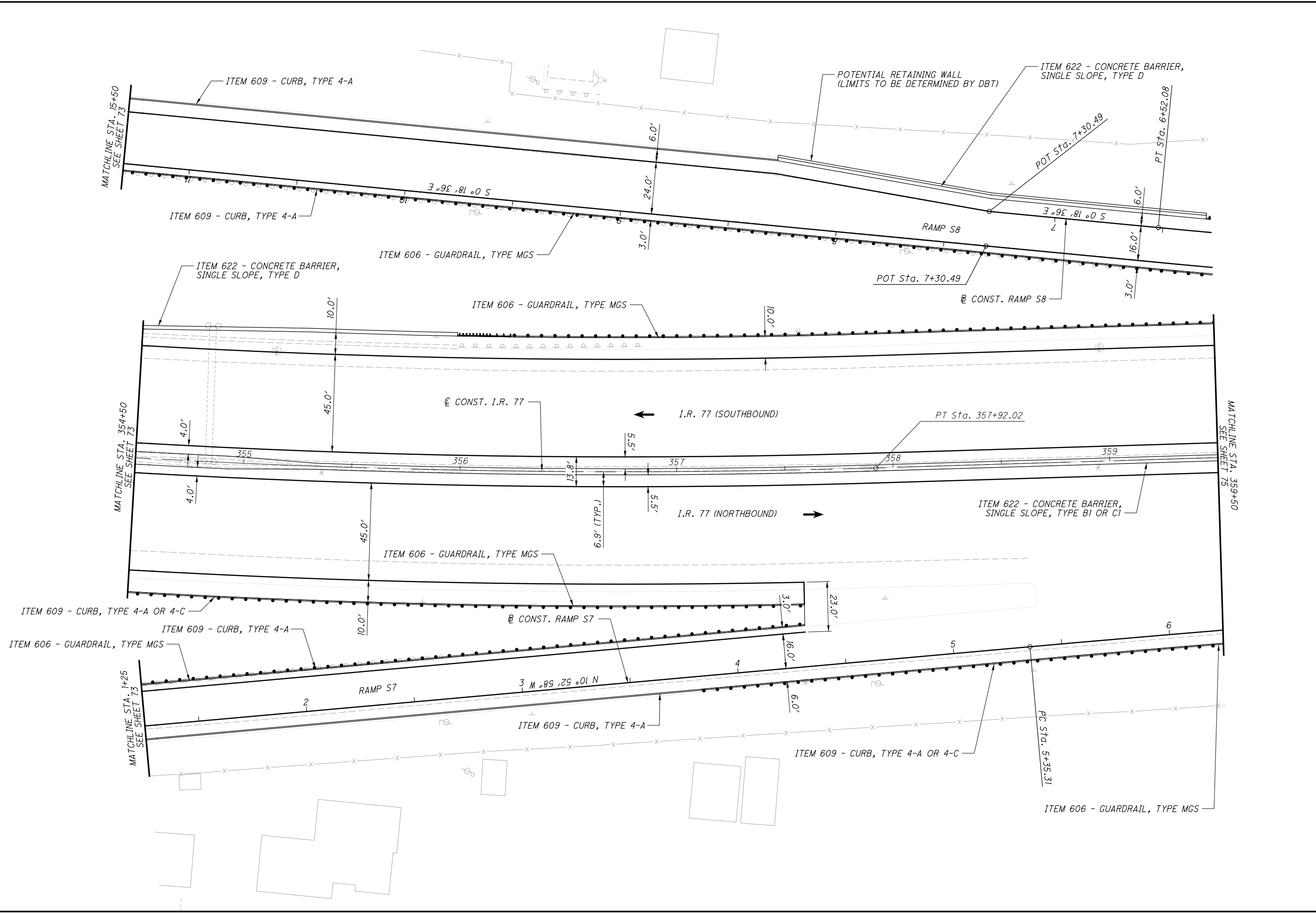
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 349+50 TO STA. 354+50**

**SUM-76 / 77 / 8 -**  
**8.24 / 9.74 / 0.00**

73  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP209.dgn Sheet 1 8/7/2020 11:32:17 AM mlutes



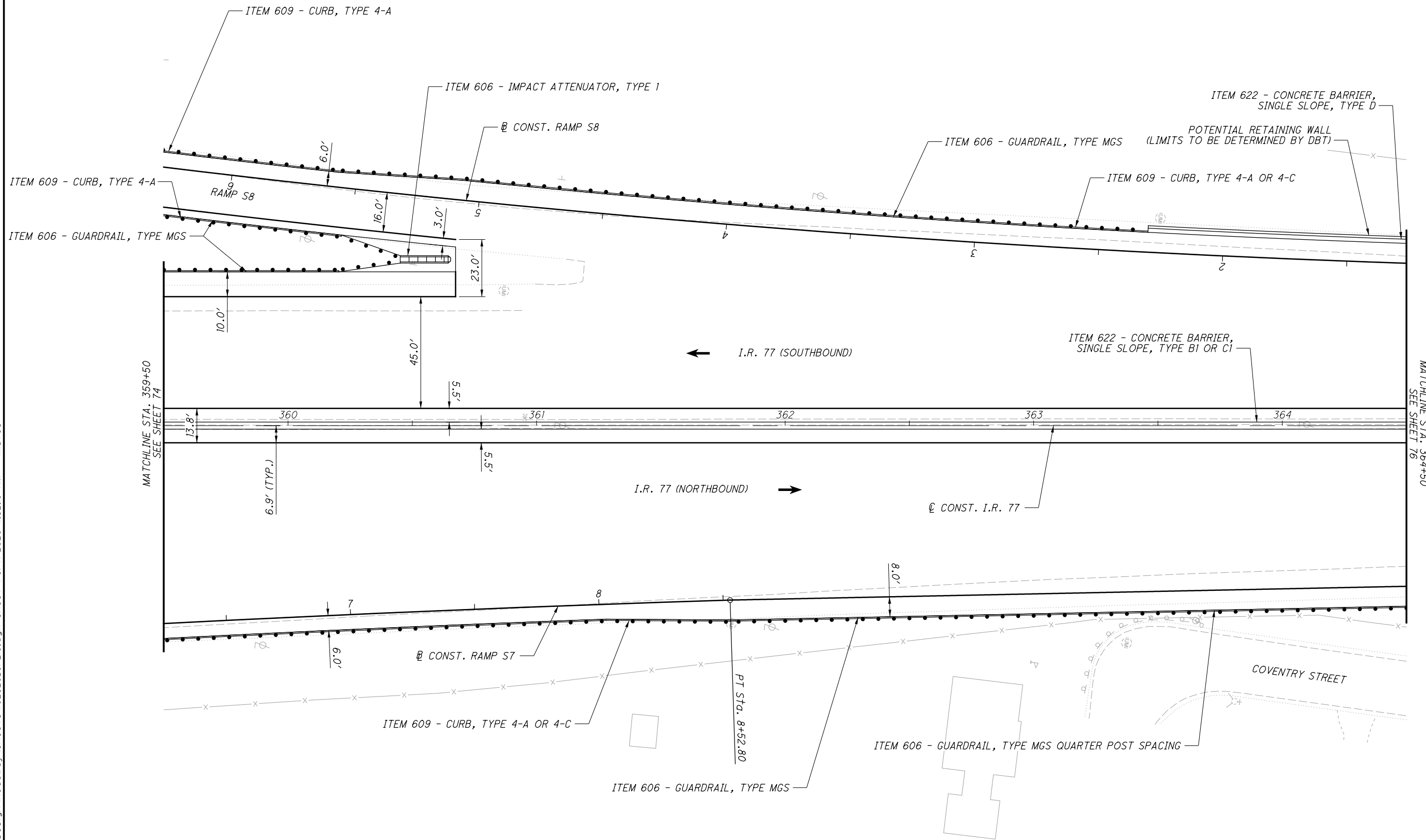
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 354+50 TO STA. 359+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

74  
138

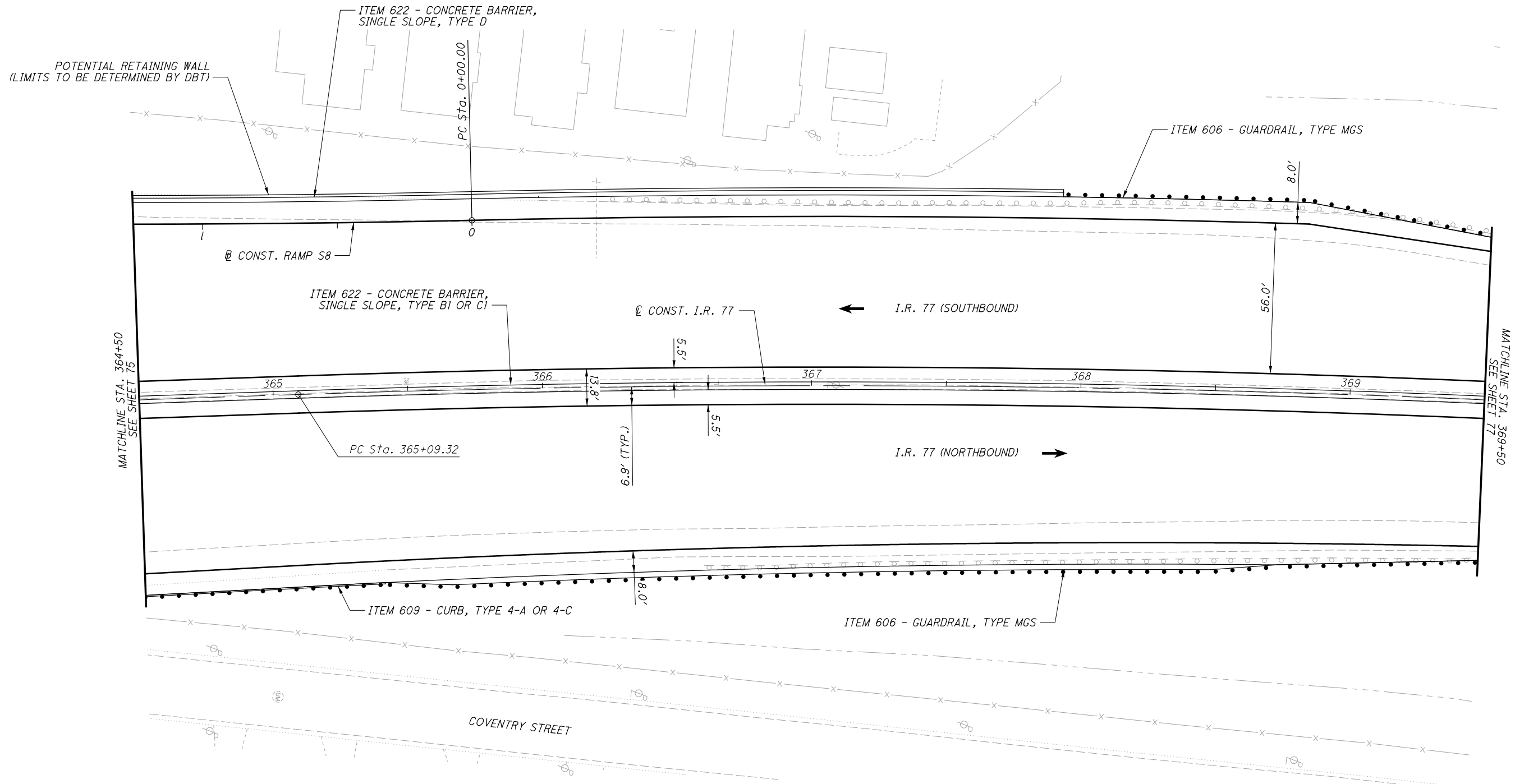


CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 359+50 TO STA. 364+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



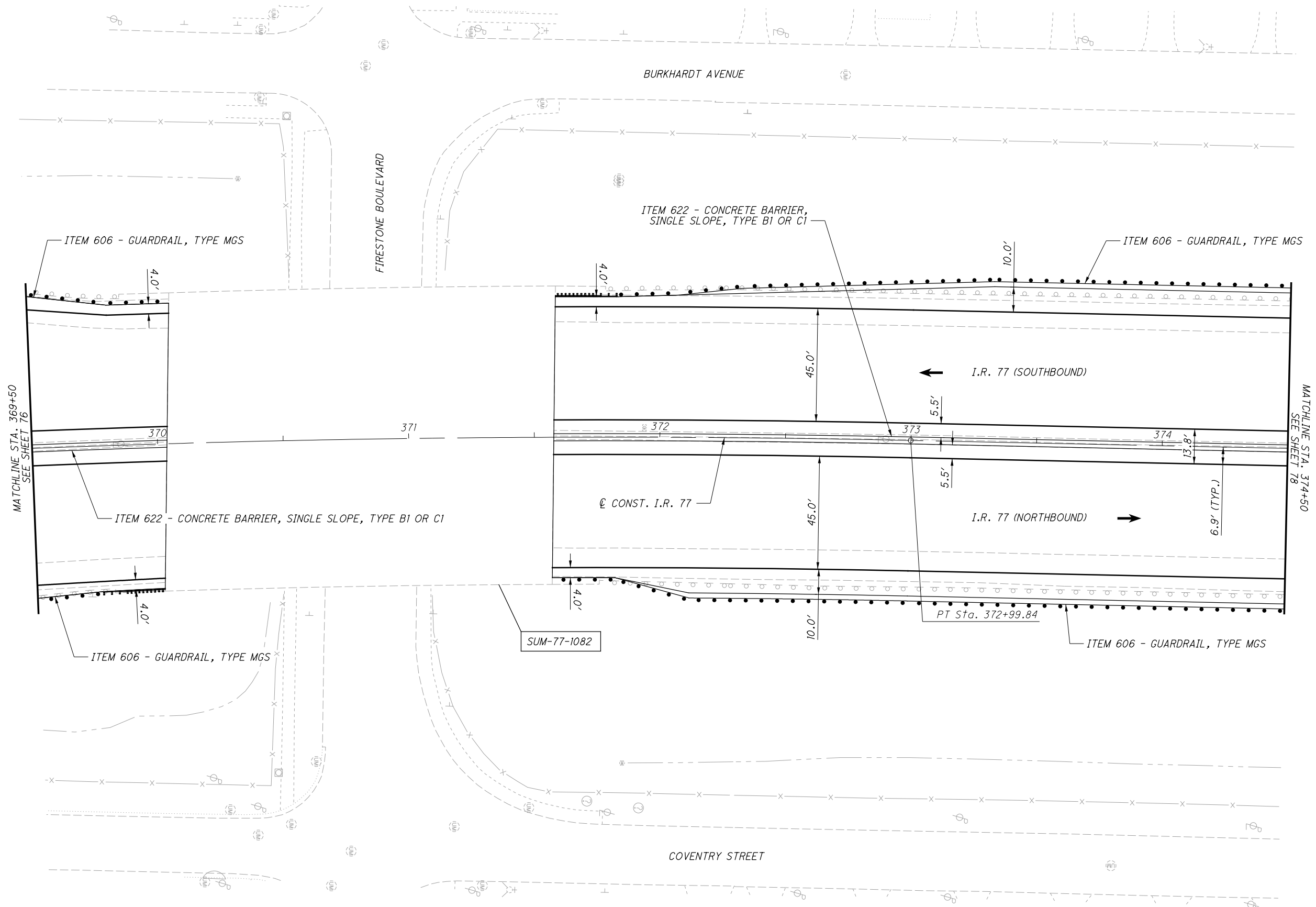
CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 364+50 TO STA. 369+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**





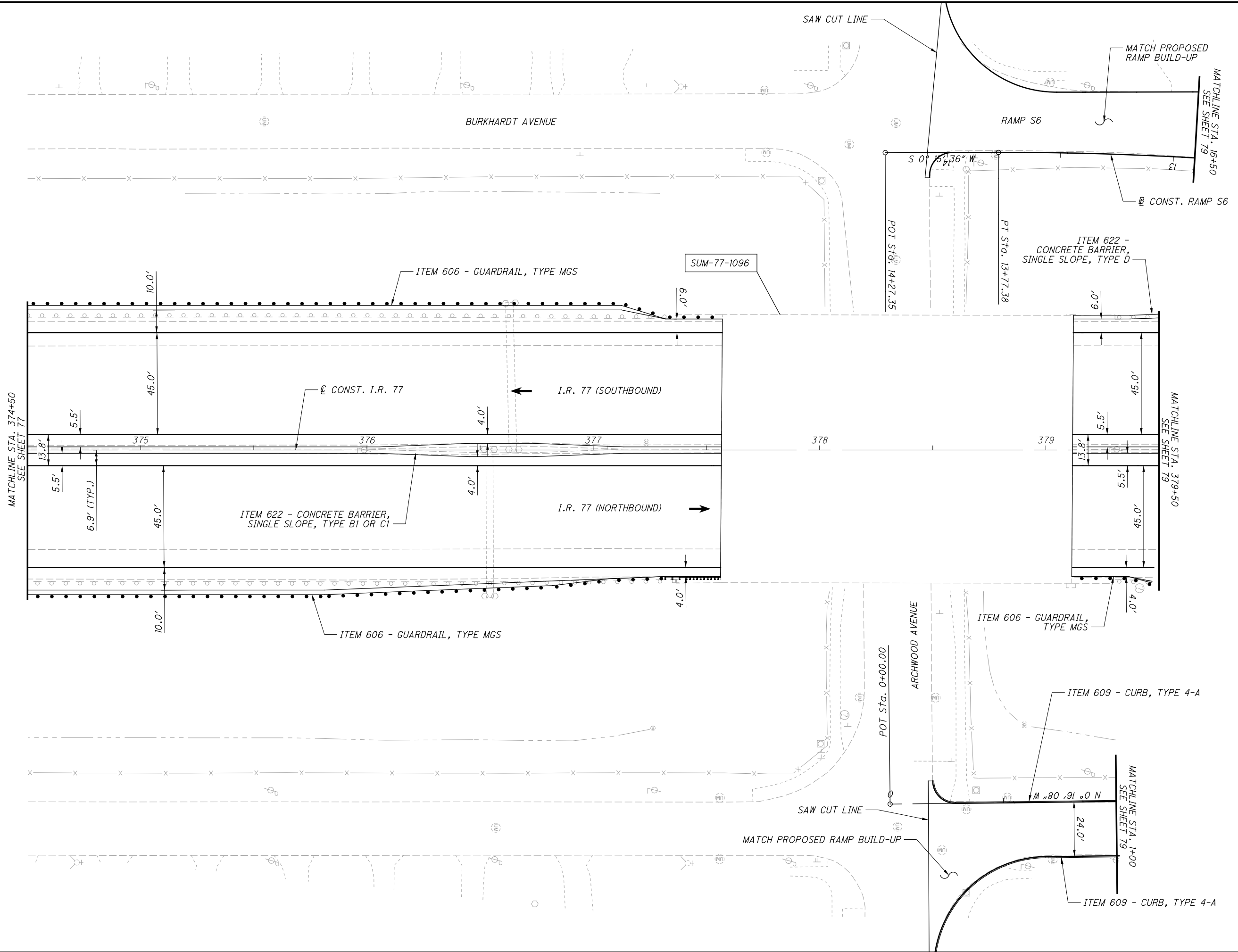
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

N

**PLAN - I.R. 77**  
**STA. 369+50 TO STA. 374+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED MLL CHECKED JTJ

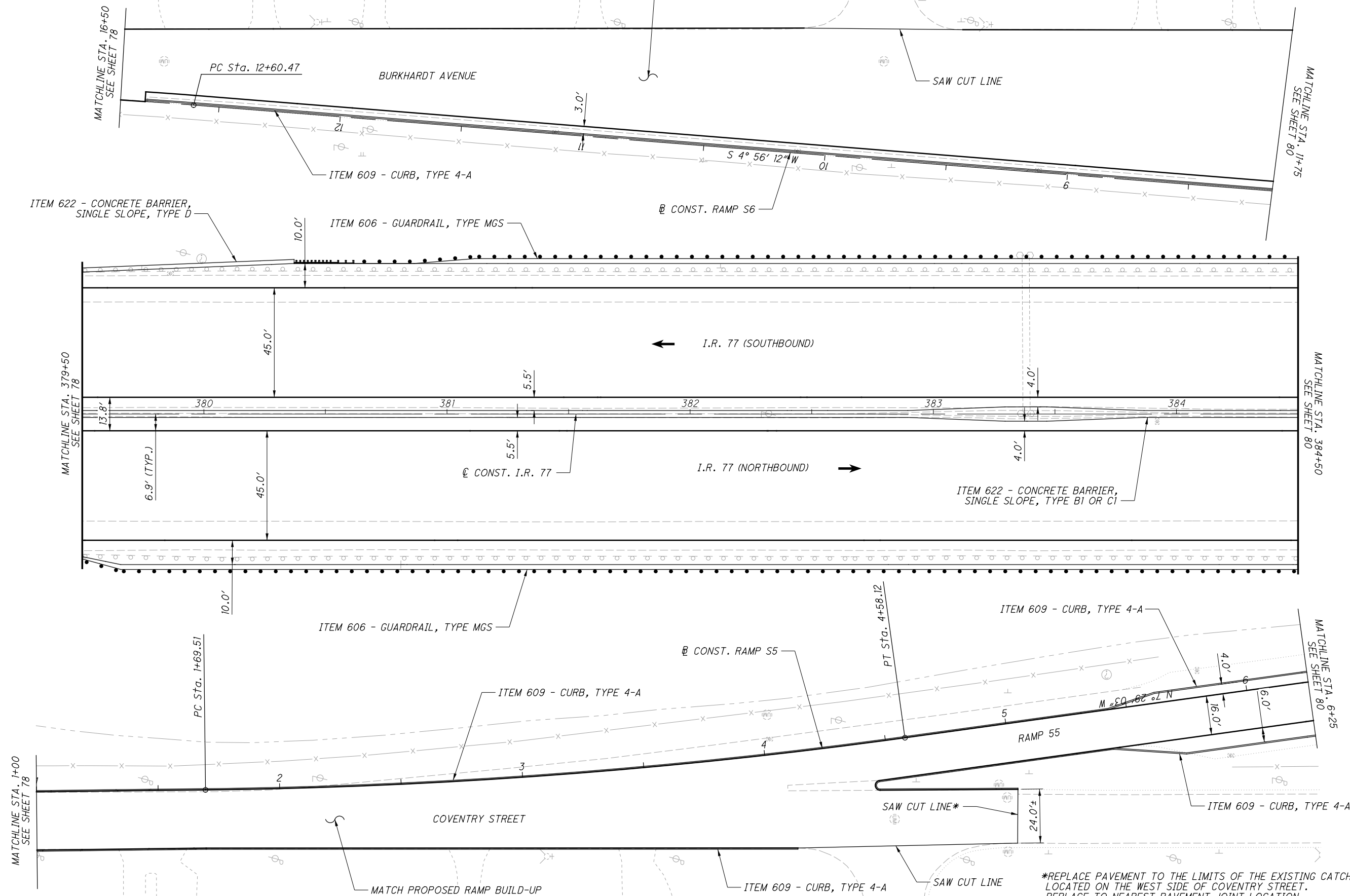
0 20 40  
10 HORIZONTAL SCALE IN FEET

N

**PLAN - I.R. 77**  
**STA. 374+50 TO STA. 379+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP214.dgn Sheet 1 8/18/2020 11:48:21AM mlrutes



\*REPLACE PAVEMENT TO THE LIMITS OF THE EXISTING CATCHBASIN LOCATED ON THE WEST SIDE OF COVENTRY STREET. REPLACE TO NEAREST PAVEMENT JOINT LOCATION.

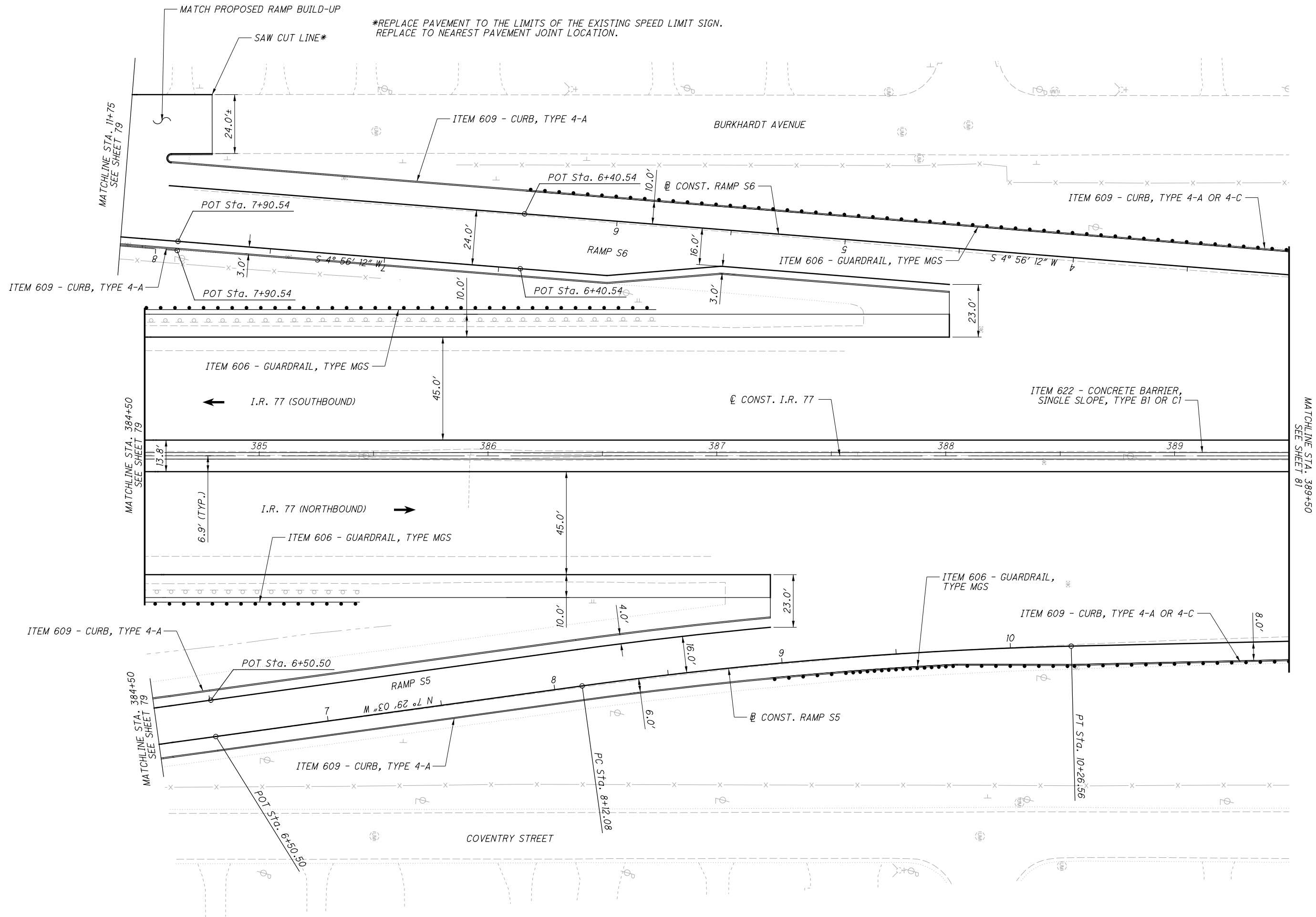
  
 HORIZONTAL SCALE IN FEET

CALCULATED	MLL
CHECKED	JTW

PLAN - I.R. 77  
STA. 379+50 TO STA. 384+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP215.dgn Sheet 1 8/18/2020 11:48:22 AM mlutes

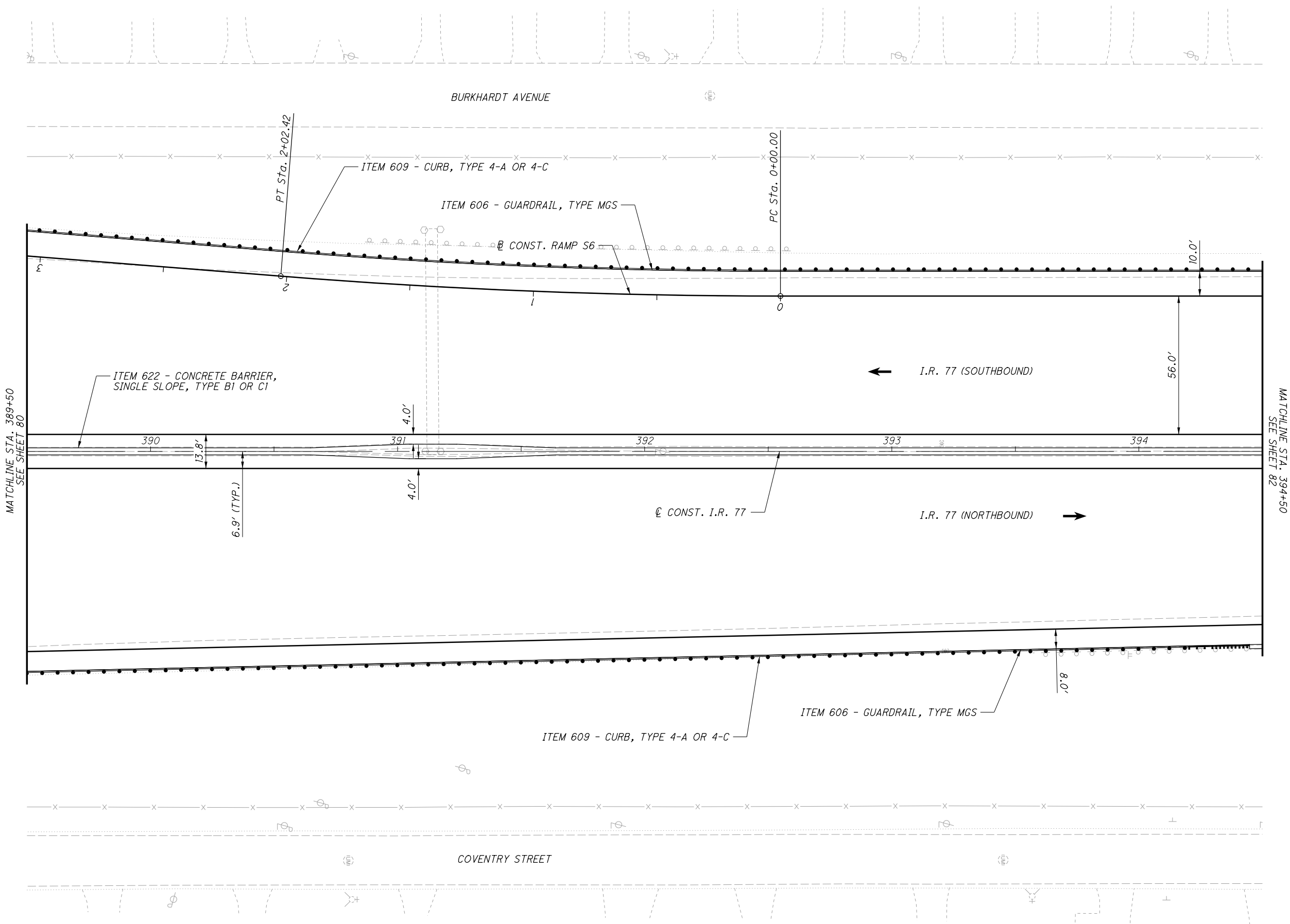


CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
10  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 384+50 TO STA. 389+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



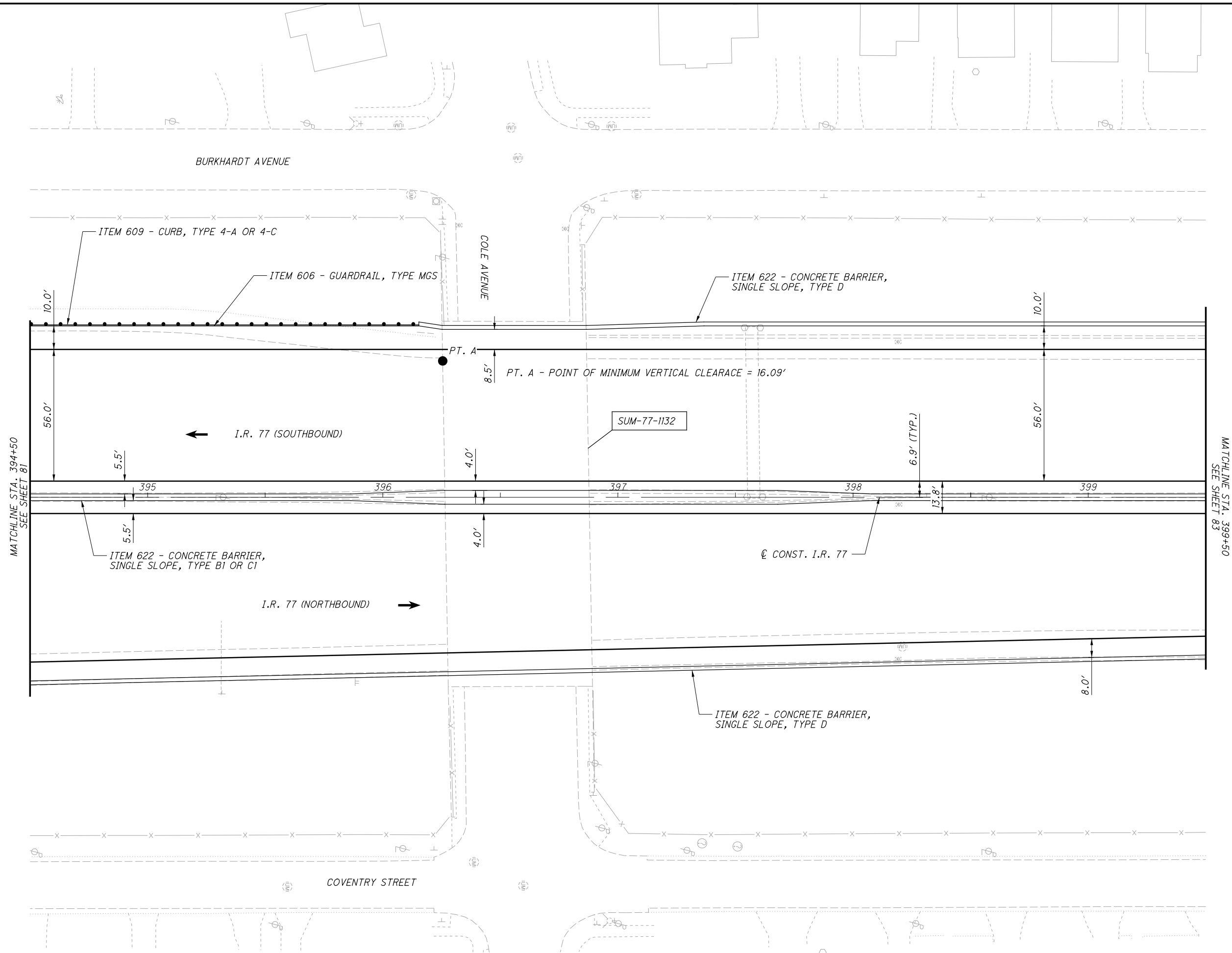
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 389+50 TO STA. 394+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP217.dgn Sheet 1 8/7/2020 11:32:25 AM mlutes



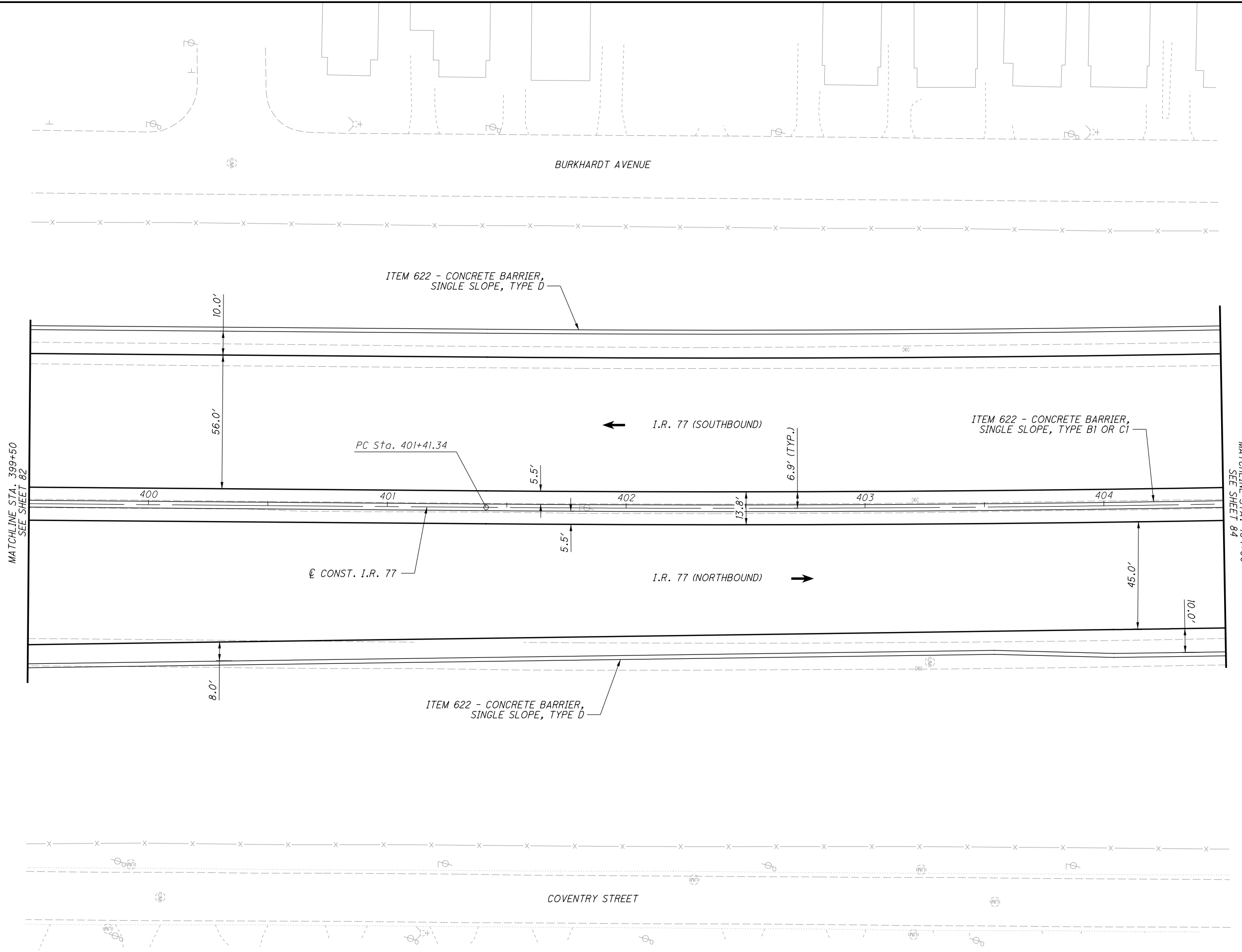
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

N

**PLAN - I.R. 77**  
**STA. 394+50 TO STA. 399+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - I.R. 77**  
**STA. 399+50 TO STA. 404+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

NOTES:

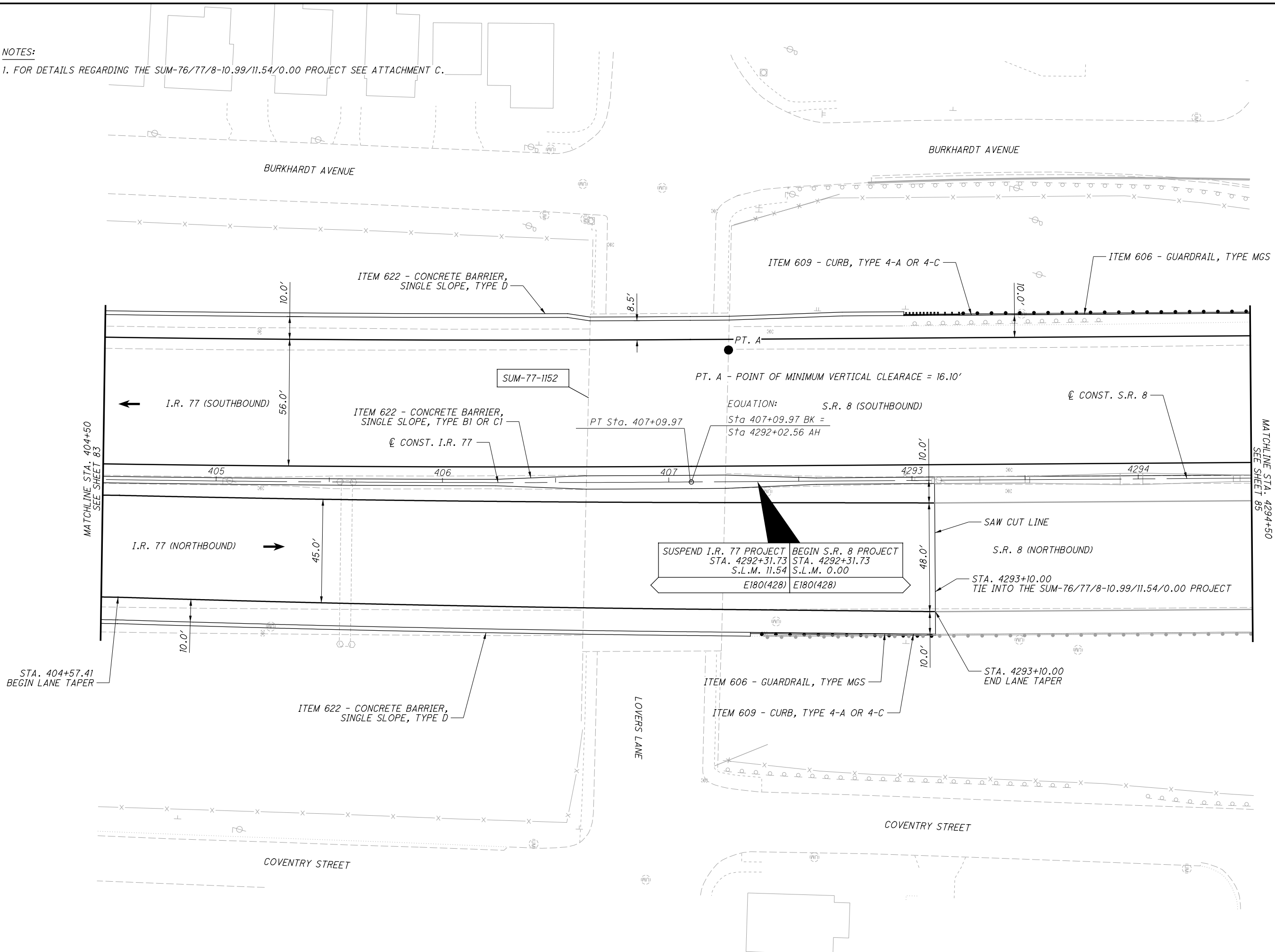
1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



CALCULATED  
MLL  
CHECKED  
JTW

PLAN - I.R. 77 / S.R. 8  
STA. 404+50 TO STA. 4294+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00



MATCHLINE STA. 404+50  
SEE SHEET 83

MATCHLINE STA. 4294+50  
SEE SHEET 85

SUSPEND I.R. 77 PROJECT STA. 4292+31.73 S.L.M. 11.54	BEGIN S.R. 8 PROJECT STA. 4292+31.73 S.L.M. 0.00
E180(428)	E180(428)

PT. A - POINT OF MINIMUM VERTICAL CLEARANCE = 16.10'

EQUATION: S.R. 8 (SOUTHBOUND)  
Sta 407+09.97 BK =  
Sta 4292+02.56 AH

SAW CUT LINE

S.R. 8 (NORTHBOUND)

STA. 4293+10.00  
TIE INTO THE SUM-76/77/8-10.99/11.54/0.00 PROJECT

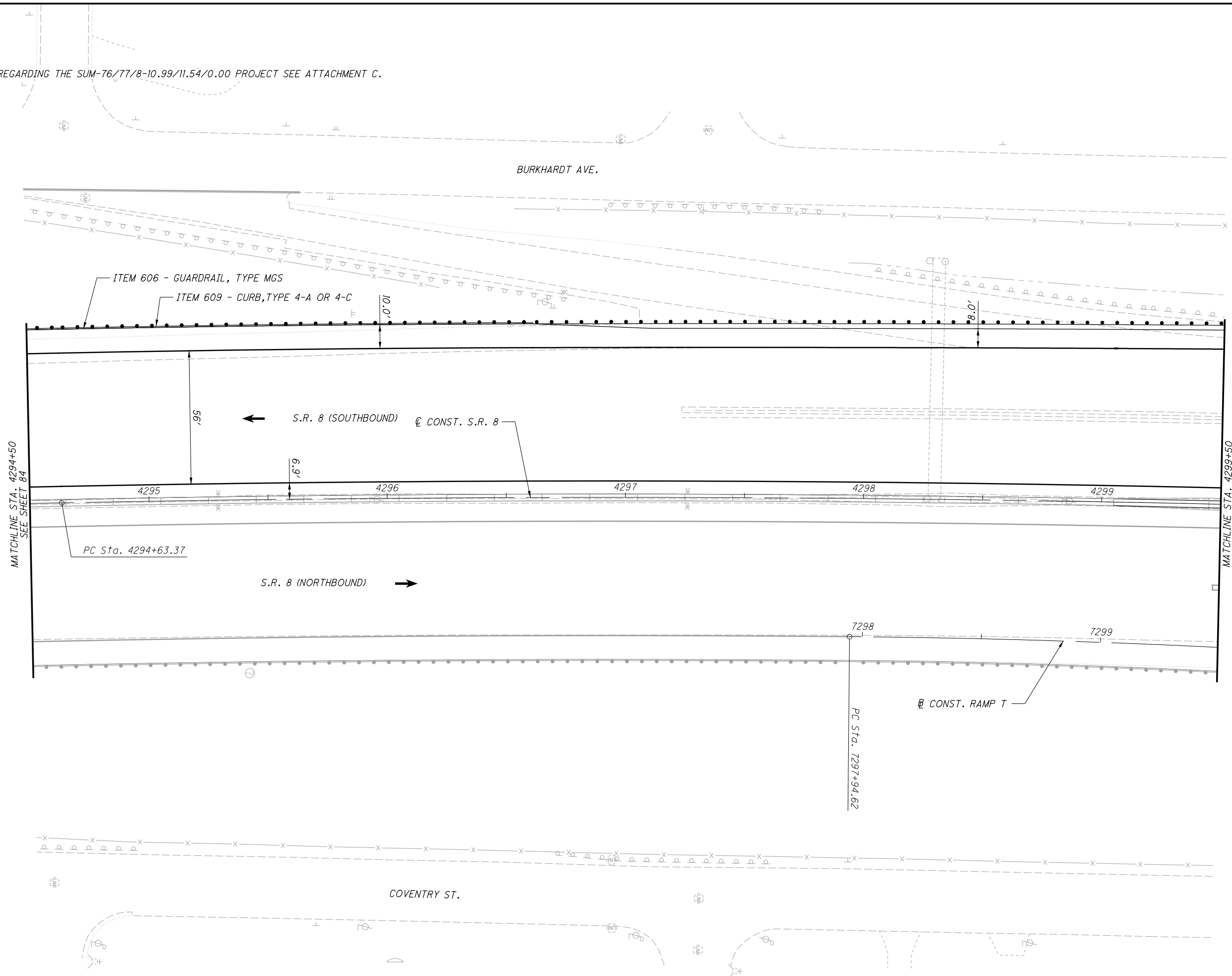
STA. 404+57.41  
BEGIN LANE TAPER

STA. 4293+10.00  
END LANE TAPER



NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



CALCULATED	MLL
CHECKED	JTW

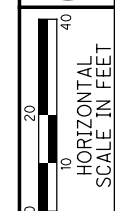
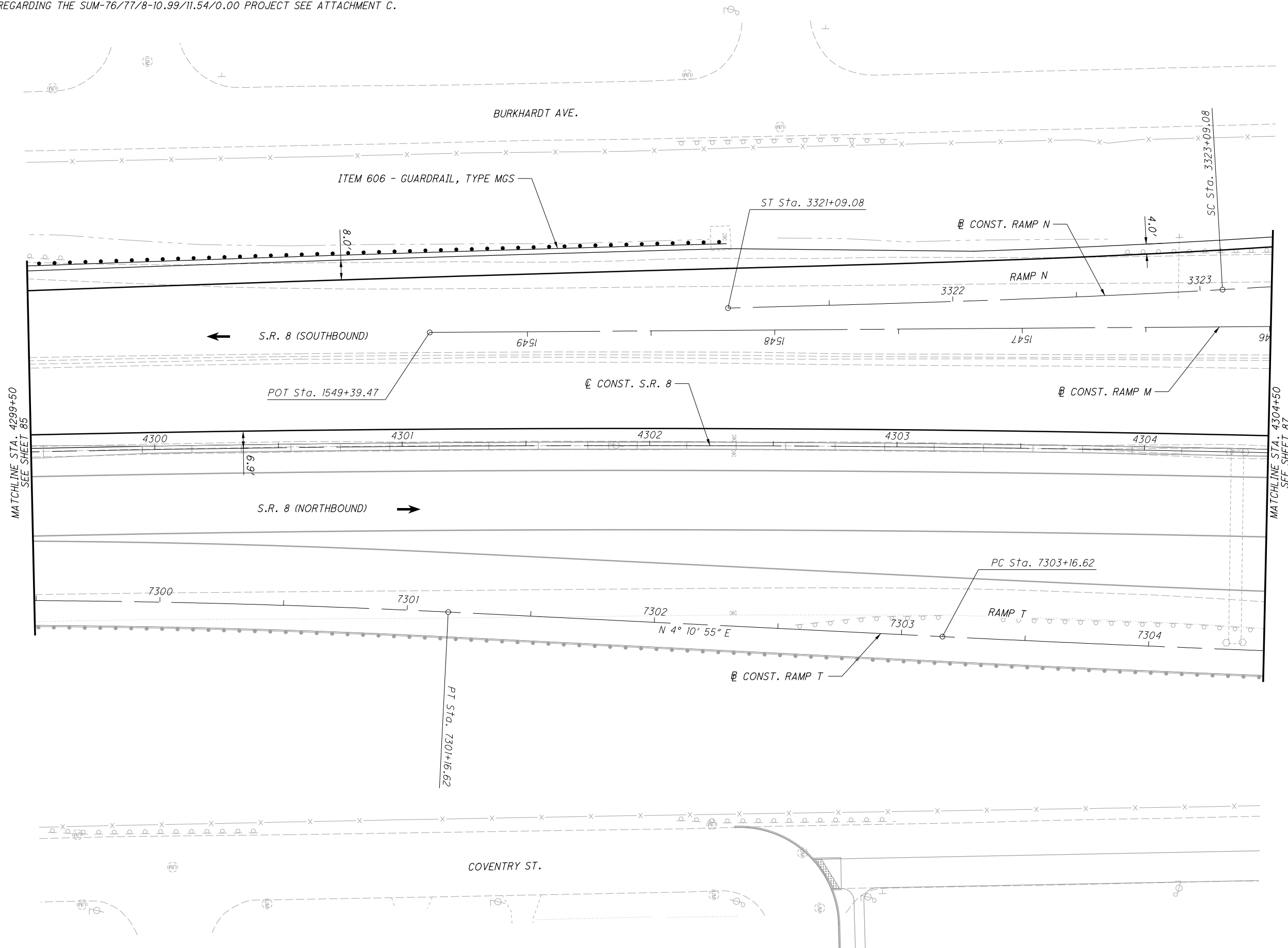
**PLAN - S.R. 8**  
**STA. 4294+50 TO STA. 4299+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP220.dgn Sheet 1 8/7/2020 11:32:40 AM mlutes

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



CALCULATED	MLL	CHECKED	JTW
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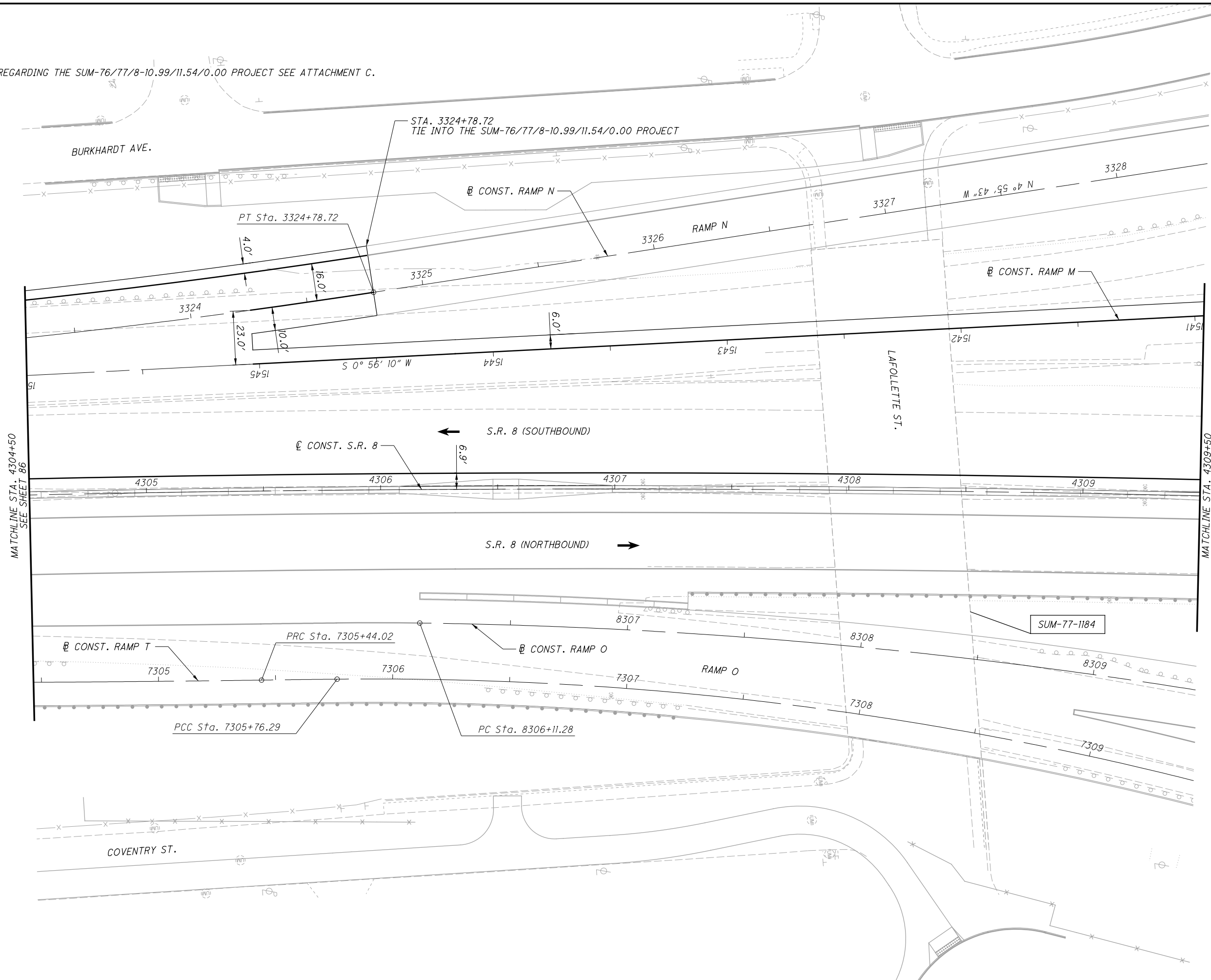
**PLAN - S.R. 8**  
**STA. 4299+50 TO STA. 4304+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP221.dgn Sheet 8/7/2020 11:32:41 AM mlr/tes

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP222.dgn Sheet 8/7/2020 11:32:44 AM milutes

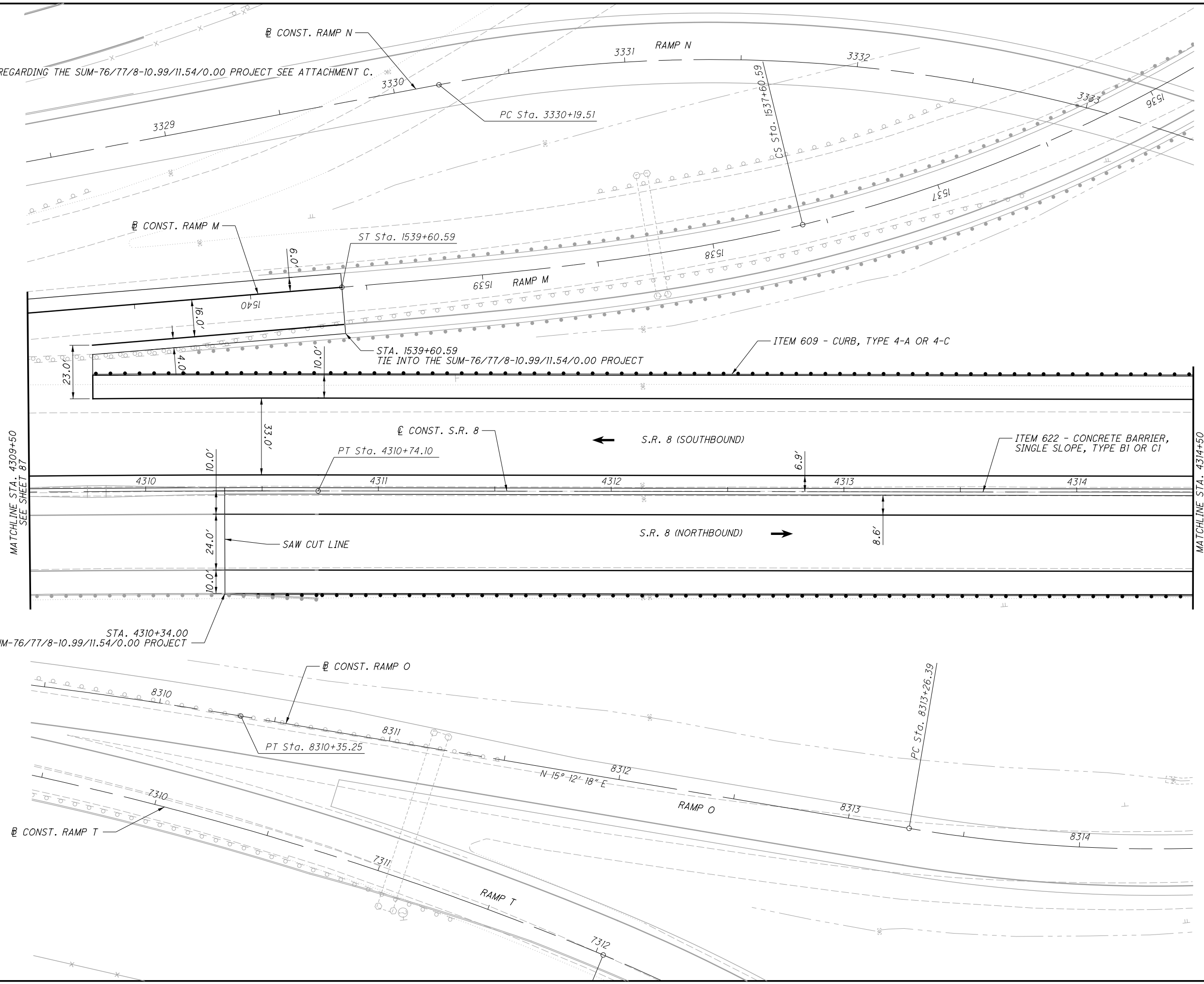
**PLAN - S.R. 8**  
**STA. 4304+50 TO STA. 4309+50**

**SUM-76/77/8-8.24/9.74/0.00**

87  
138

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

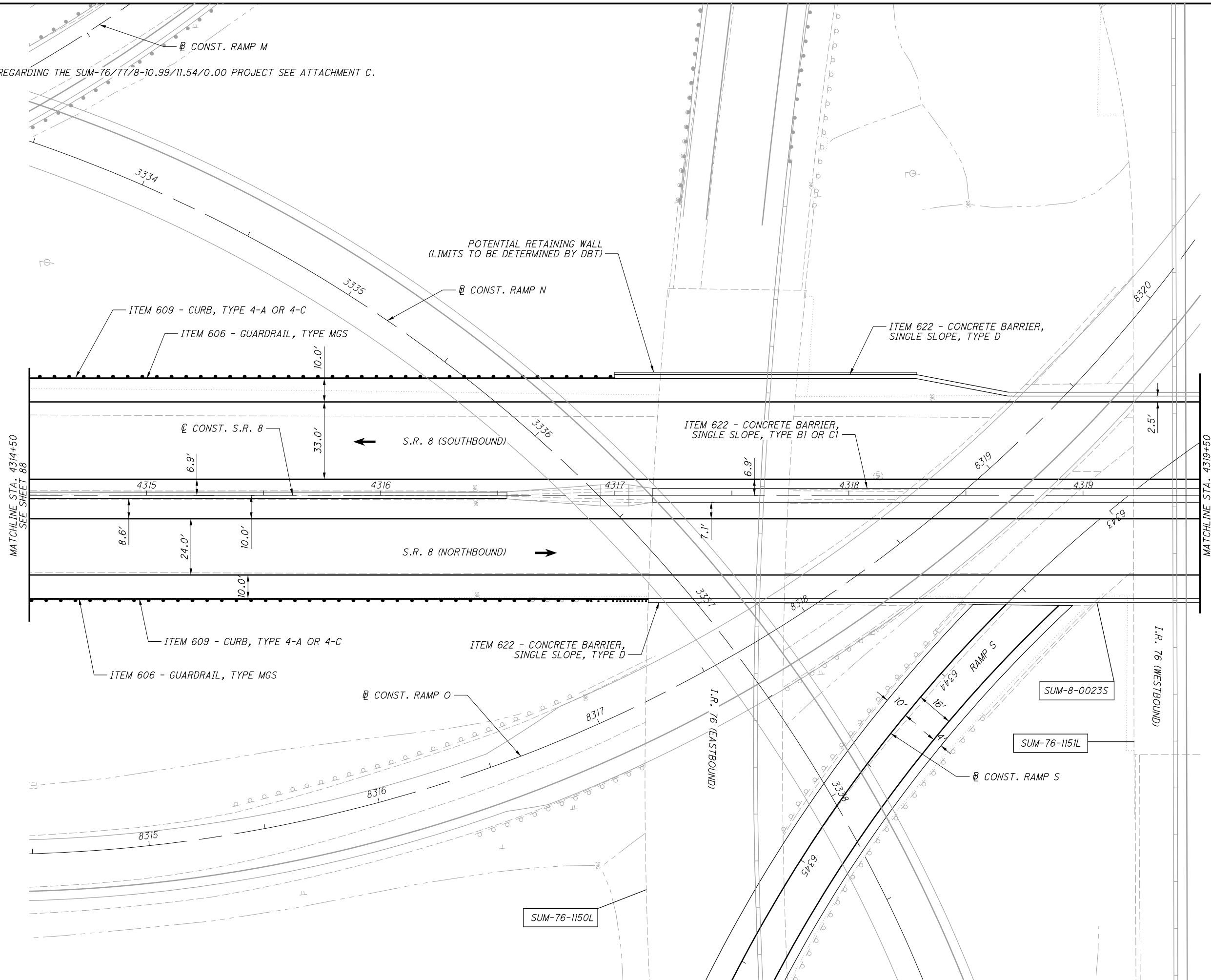
PLAN - S.R. 8  
STA. 4309+50 TO STA. 4314+50

SUM-76/77/8-  
8.24/9.74/0.00

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP223.dgn Sheet 8/7/2020 11:32:45 AM milutes

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 4314+50 TO STA. 4319+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

89  
138

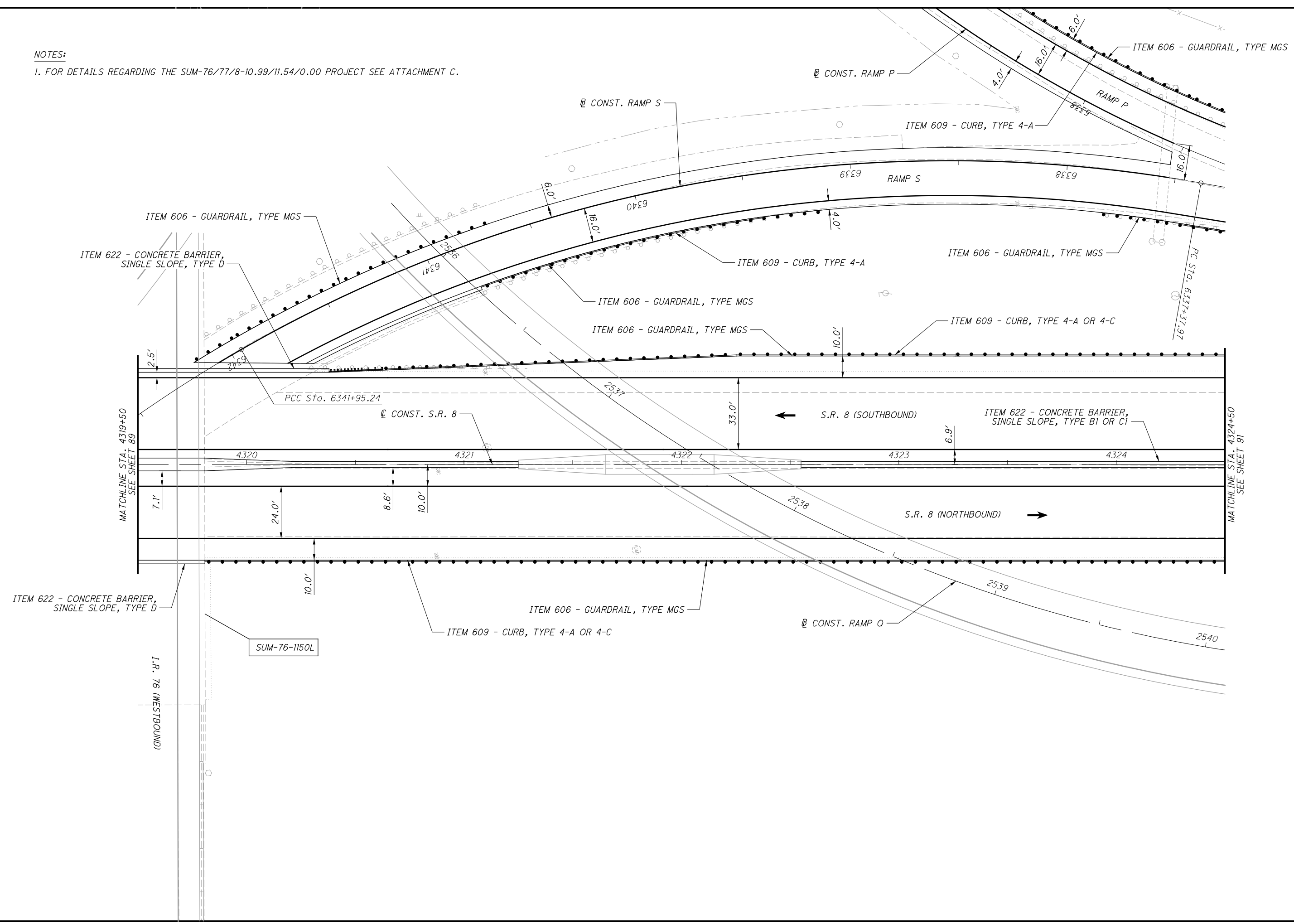
P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP224.dgn Sheet 8/7/2020 11:32:47 AM milutes

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.


  
 0 20 40
   
 HORIZONTAL SCALE IN FEET
   
 CALCULATED MLL CHECKED JTJ

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP225.dgn Sheet 8/7/2020 11:32:48 AM milutes

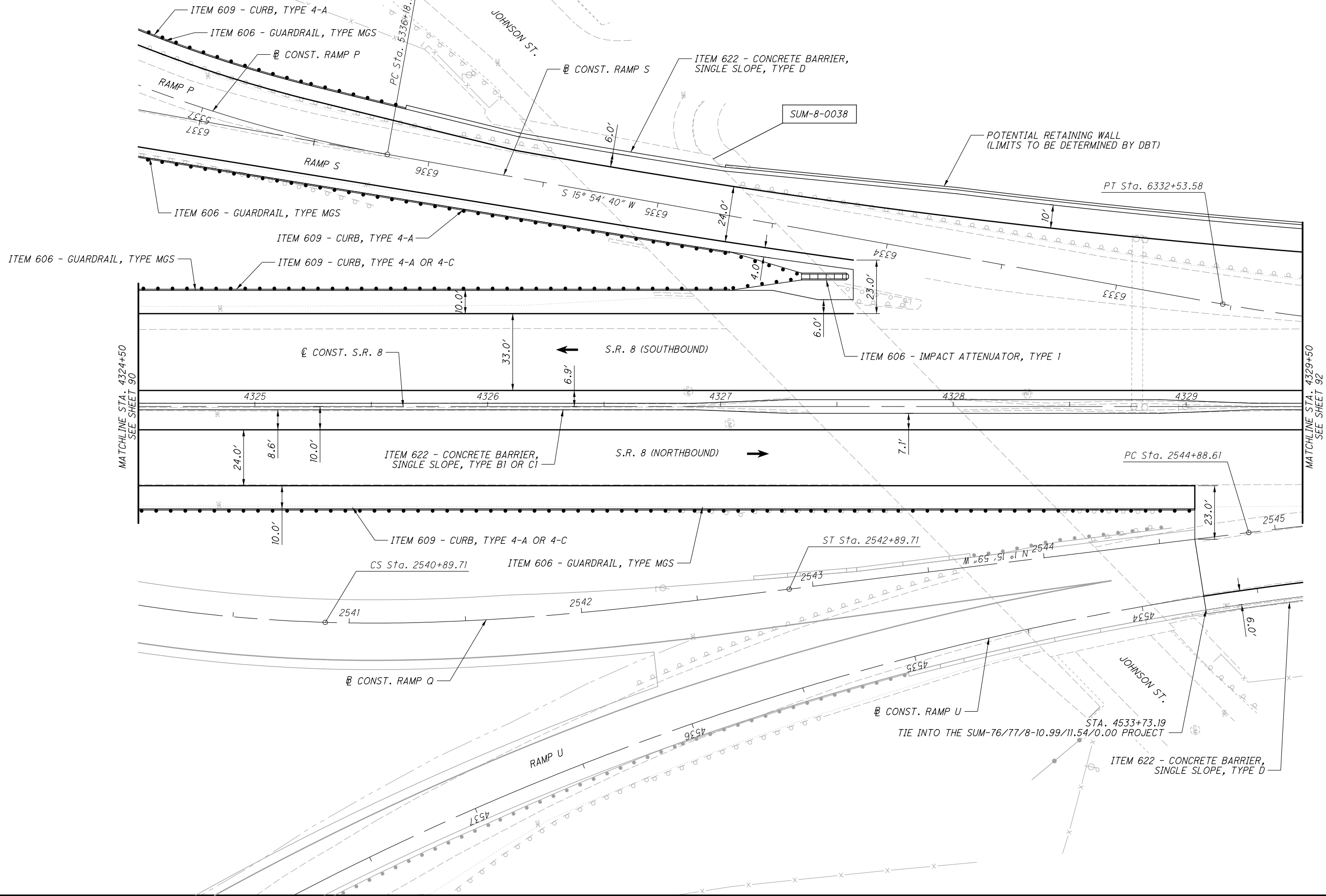


**PLAN - S.R. 8**  
**STA. 4319+50 TO STA. 4324+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

NOTES:

1. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.



P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP226.dgn Sheet 8/7/2020 11:32:50 AM miles

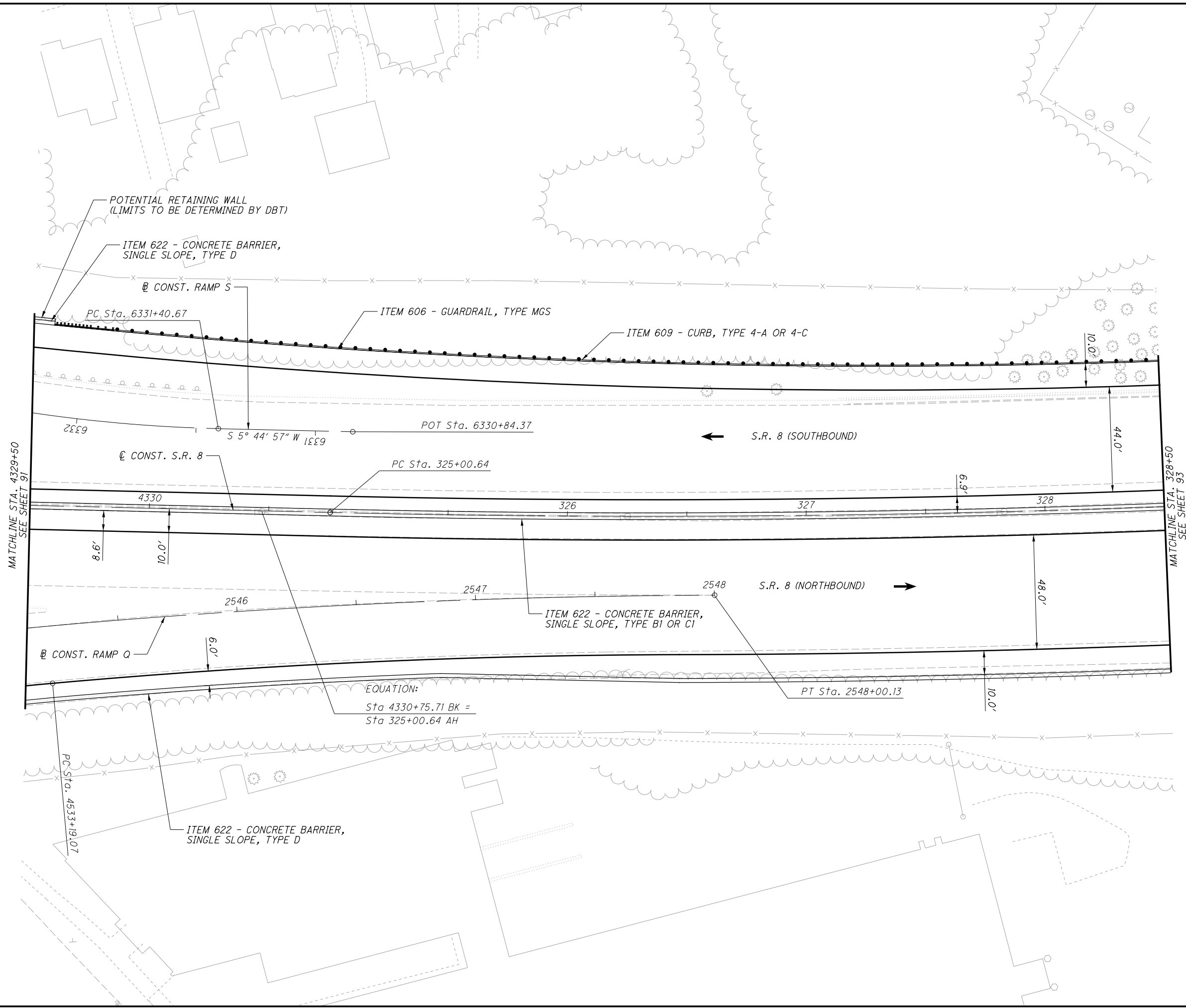
CALCULATED  
MILL  
CHECKED  
JTW

0 20 40  
1" = 40'  
HORIZONTAL SCALE IN FEET

PLAN - S.R. 8  
STA. 4324+50 TO STA. 4329+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

91  
138

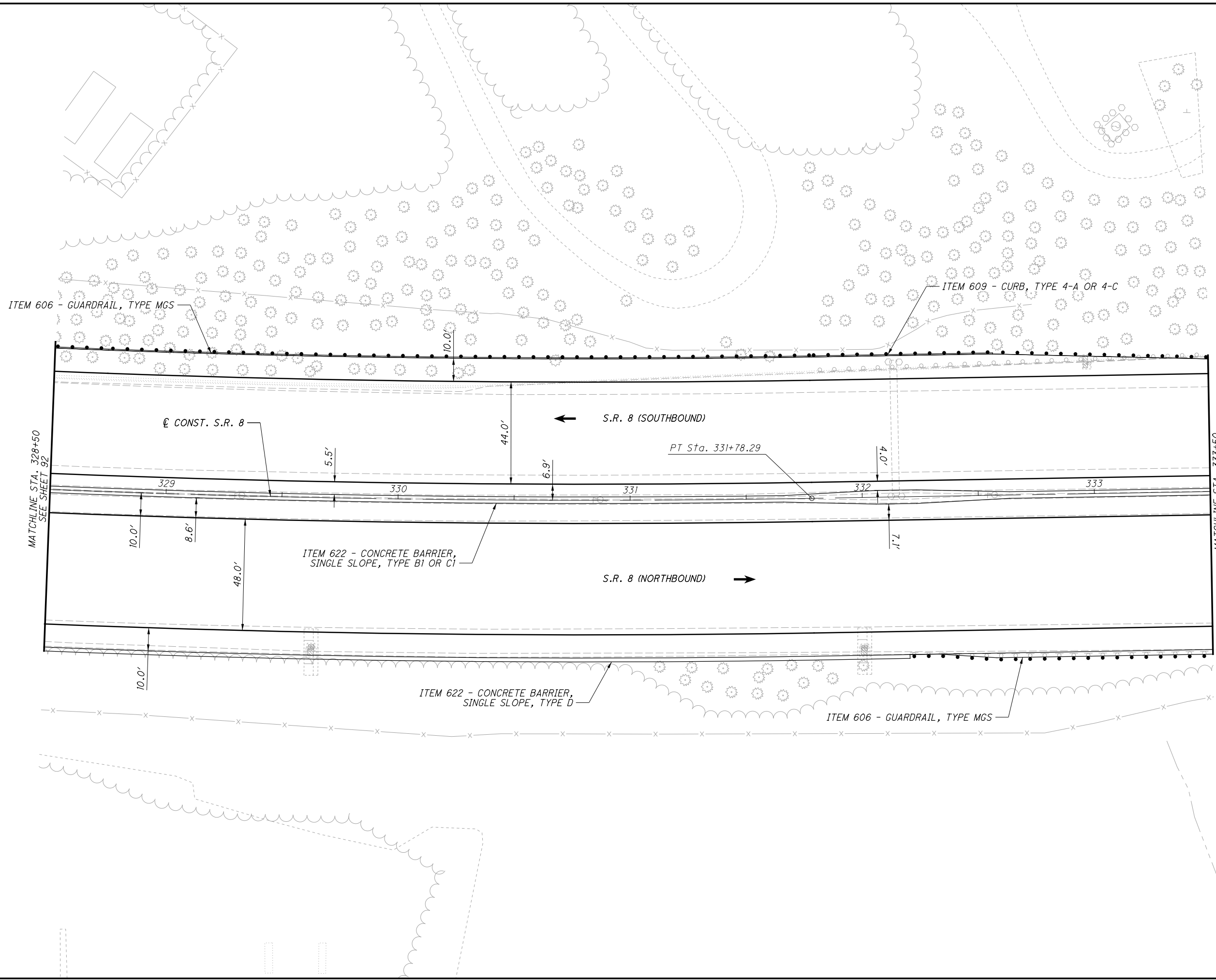


CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 4329+50 TO STA. 328+50**

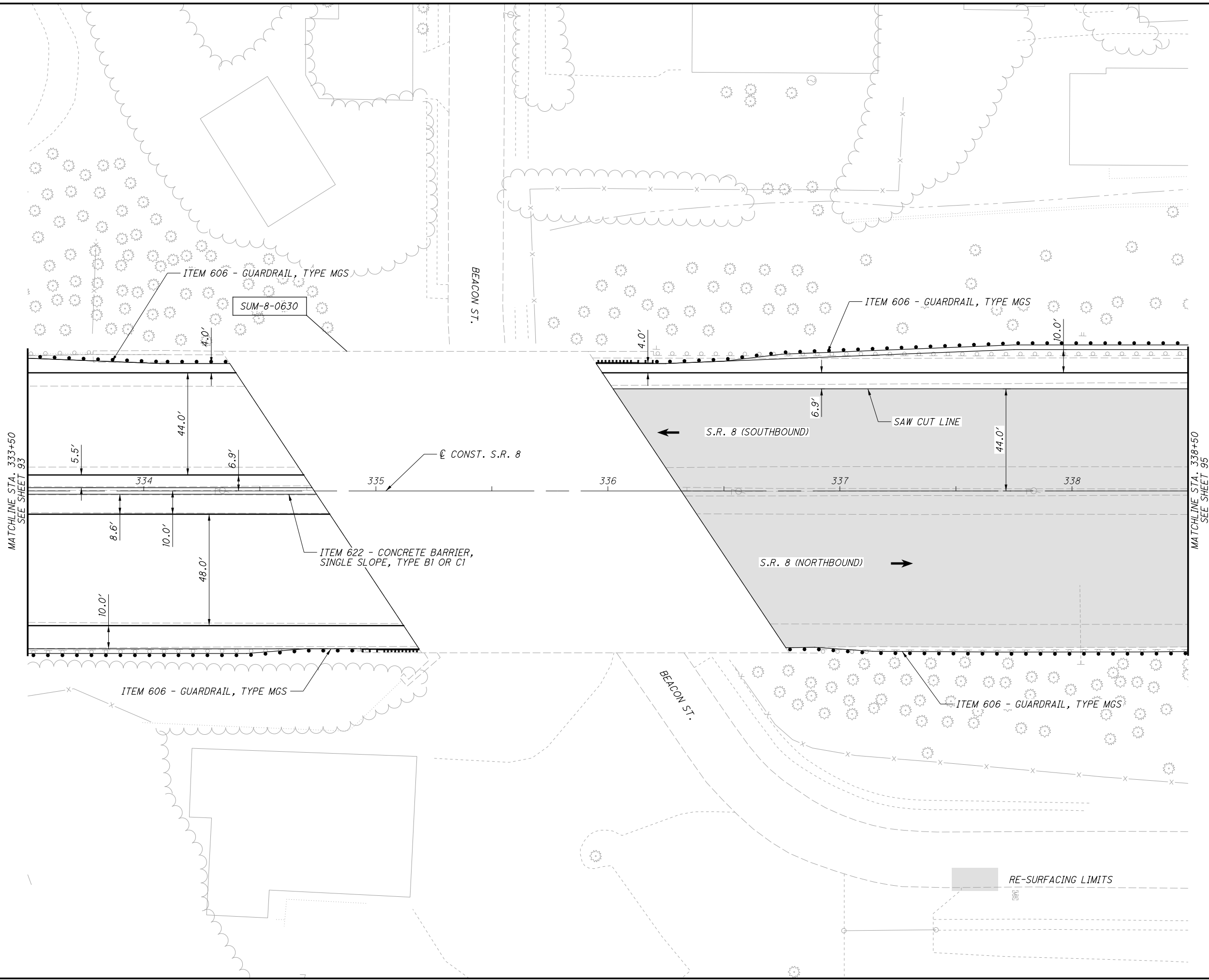




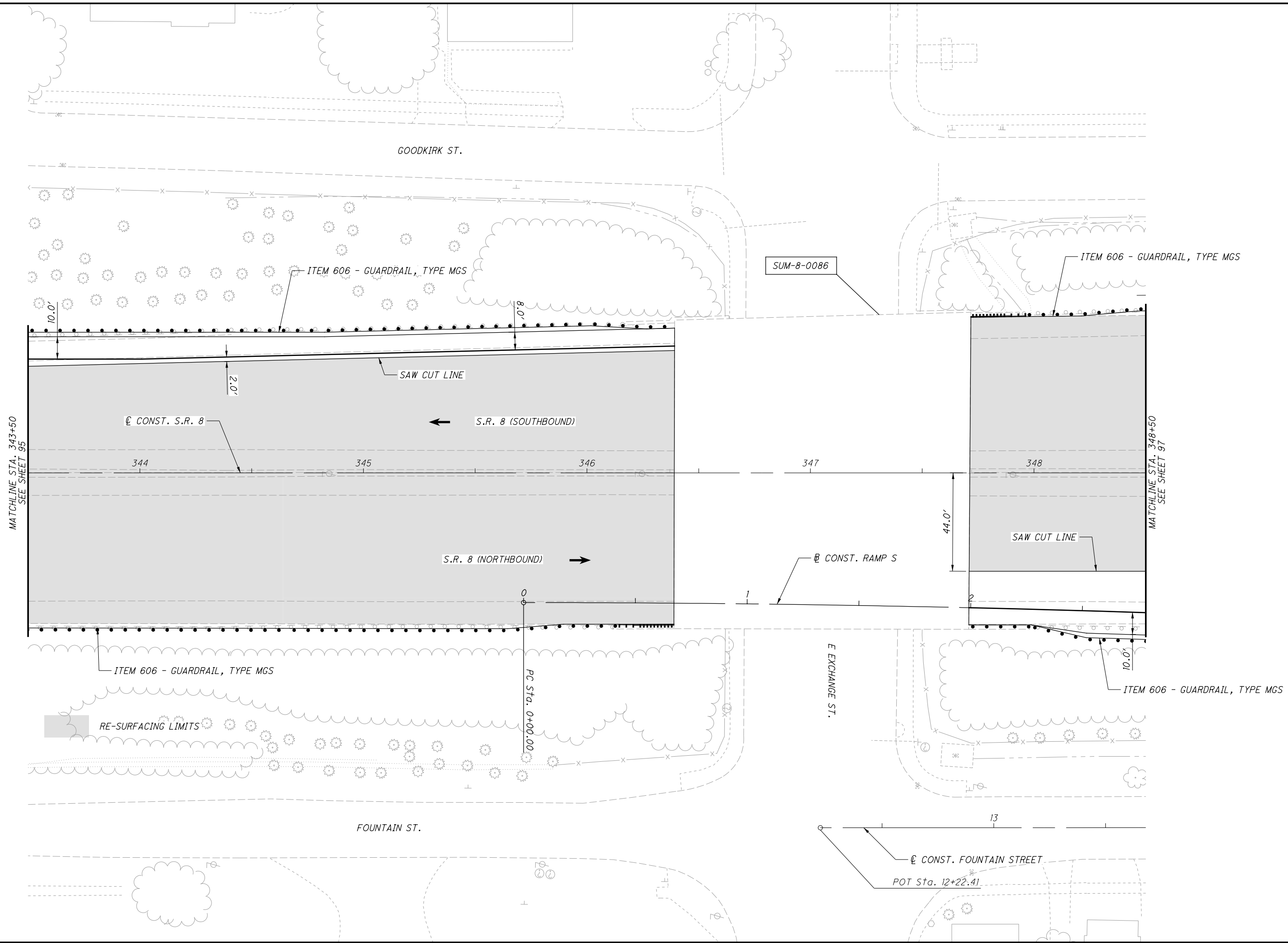
CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 328+50 TO STA. 333+50**



P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP231.dgn Sheet 1/27/2021 2:49:23 PM mlutes



CALCULATED  
MLL  
CHECKED  
JTW

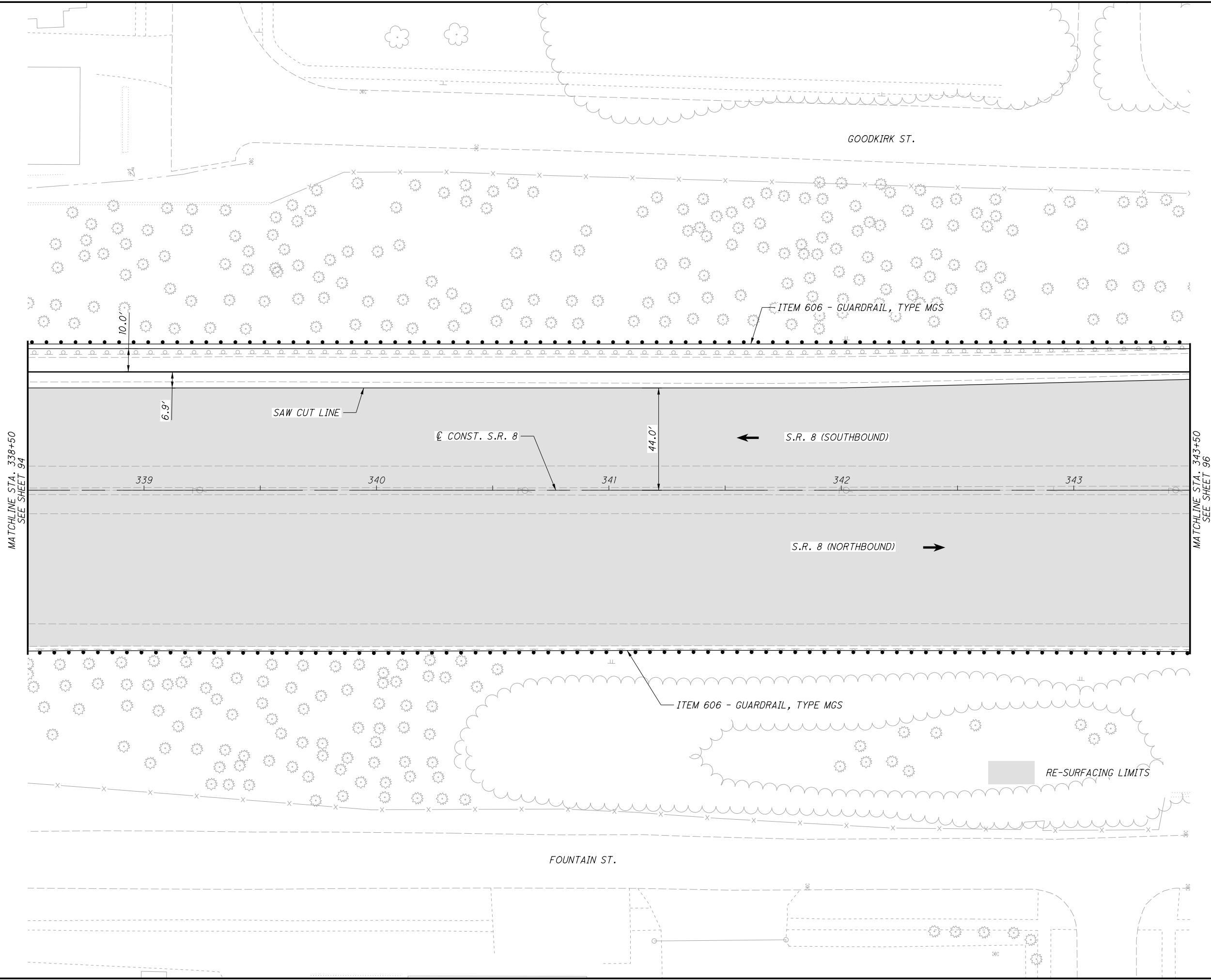
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 343+50 TO STA. 348+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

96  
138

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP230.dgn Sheet 8/7/2020 11:33:03 AM milutes



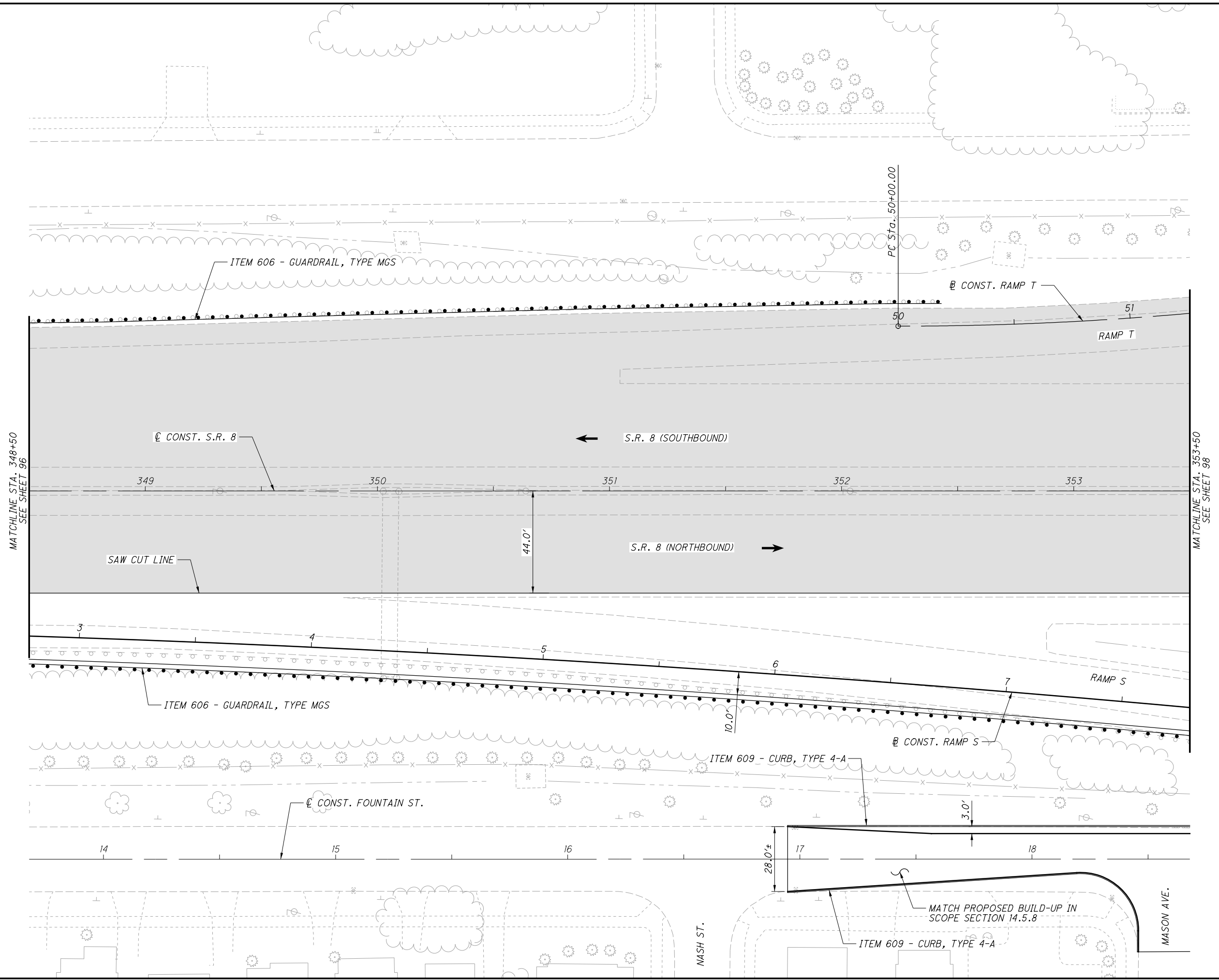
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

**PLAN - S.R. 8**  
**STA. 338+50 TO STA. 343+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

95  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP232.dgn Sheet 8/7/2020 11:33:0 AM mlr/tes



CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 348+50 TO STA. 353+50**

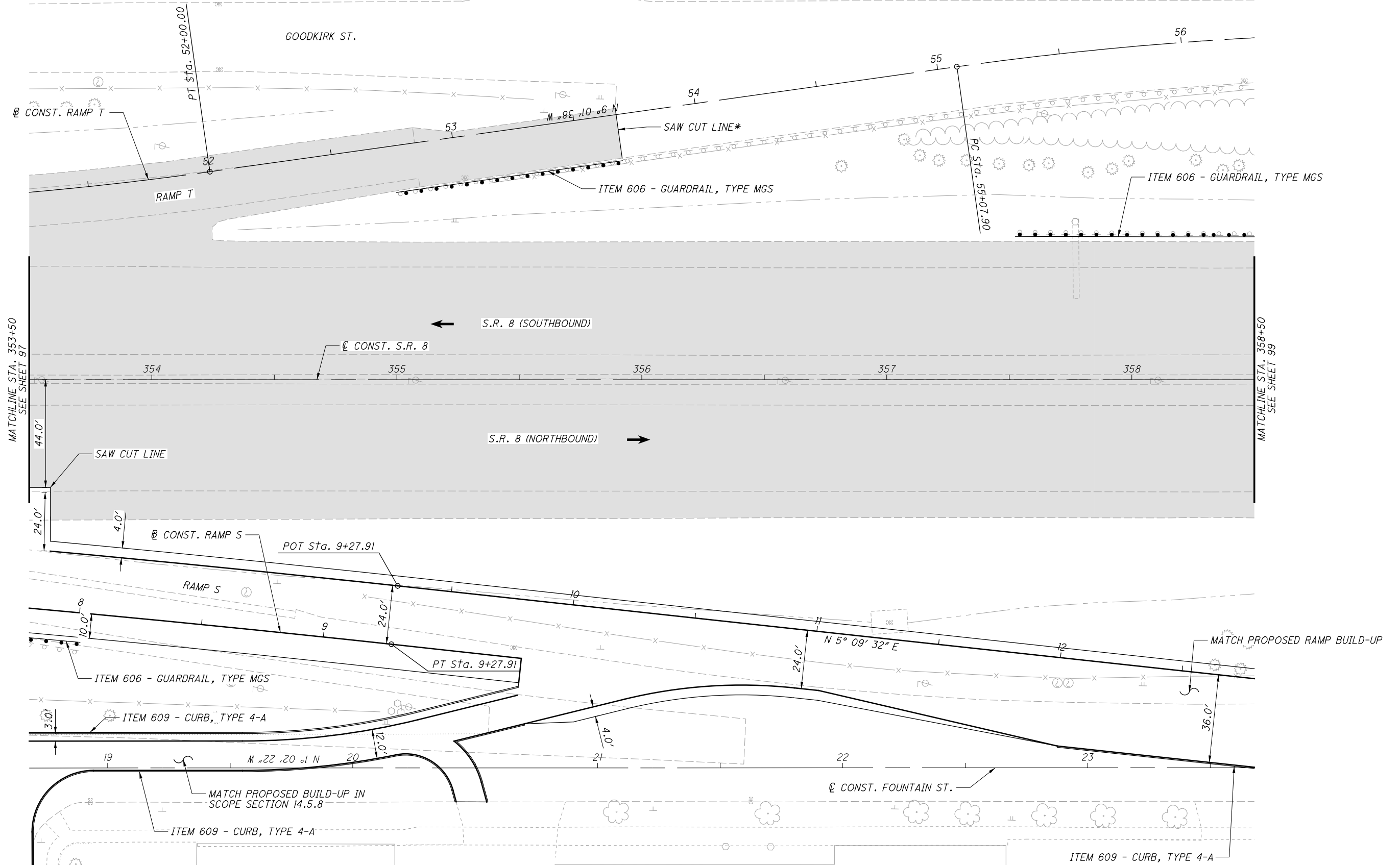
**SUM-76/77/8-**  
**8.24/9.74/0.00**

\*RESURFACING ENDS AT PHYSICAL GORE OF RAMP T AND GOODKIRK ST.

RE-SURFACING LIMITS



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.



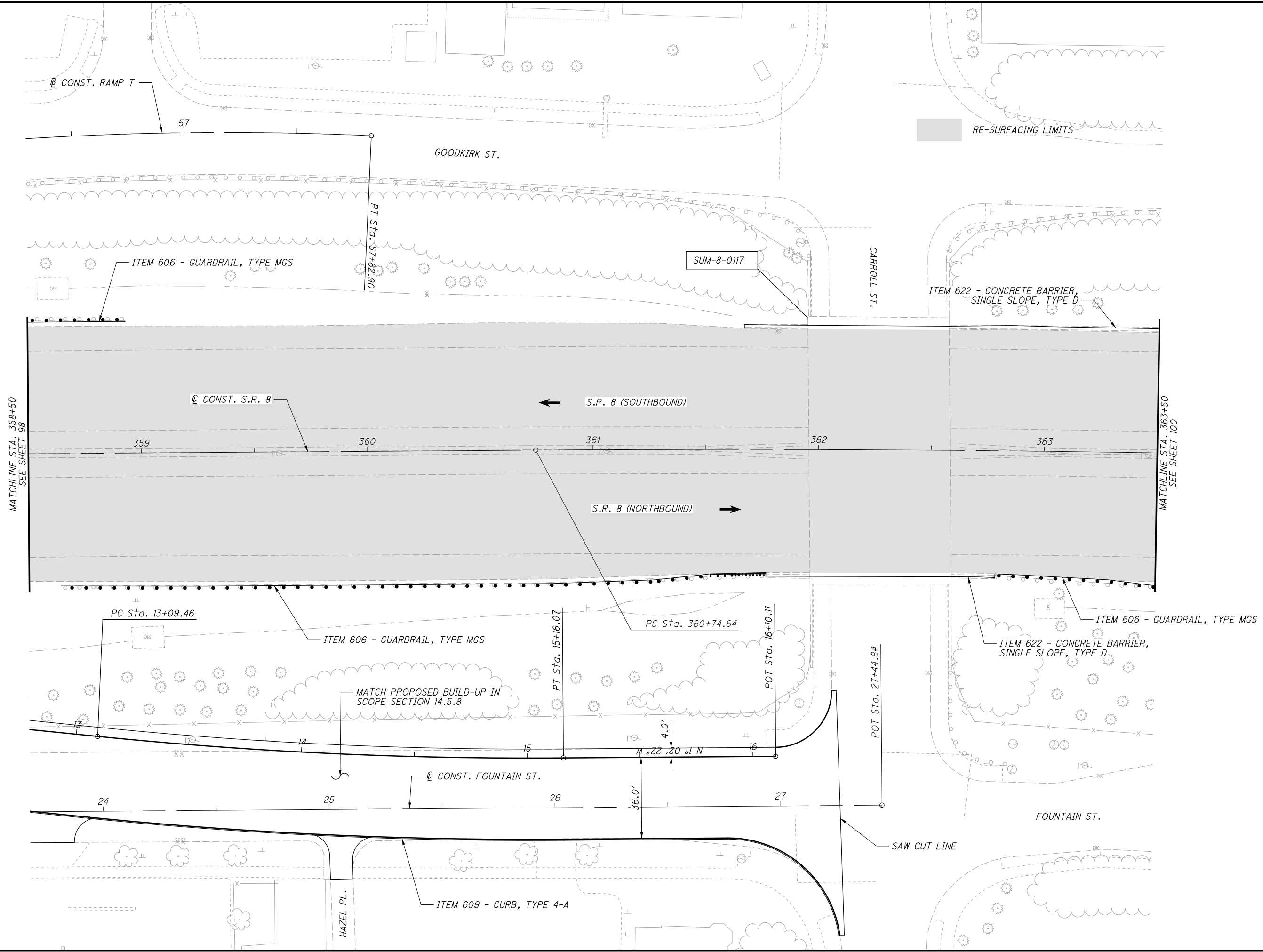
PLAN - S.R. 8  
STA. 353+50 TO STA. 358+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

98  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP233.dgn Sheet 8/7/2020 11:33:11 AM mlites

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP234.dgn Sheet 8/7/2020 11:33:13 AM mlutes



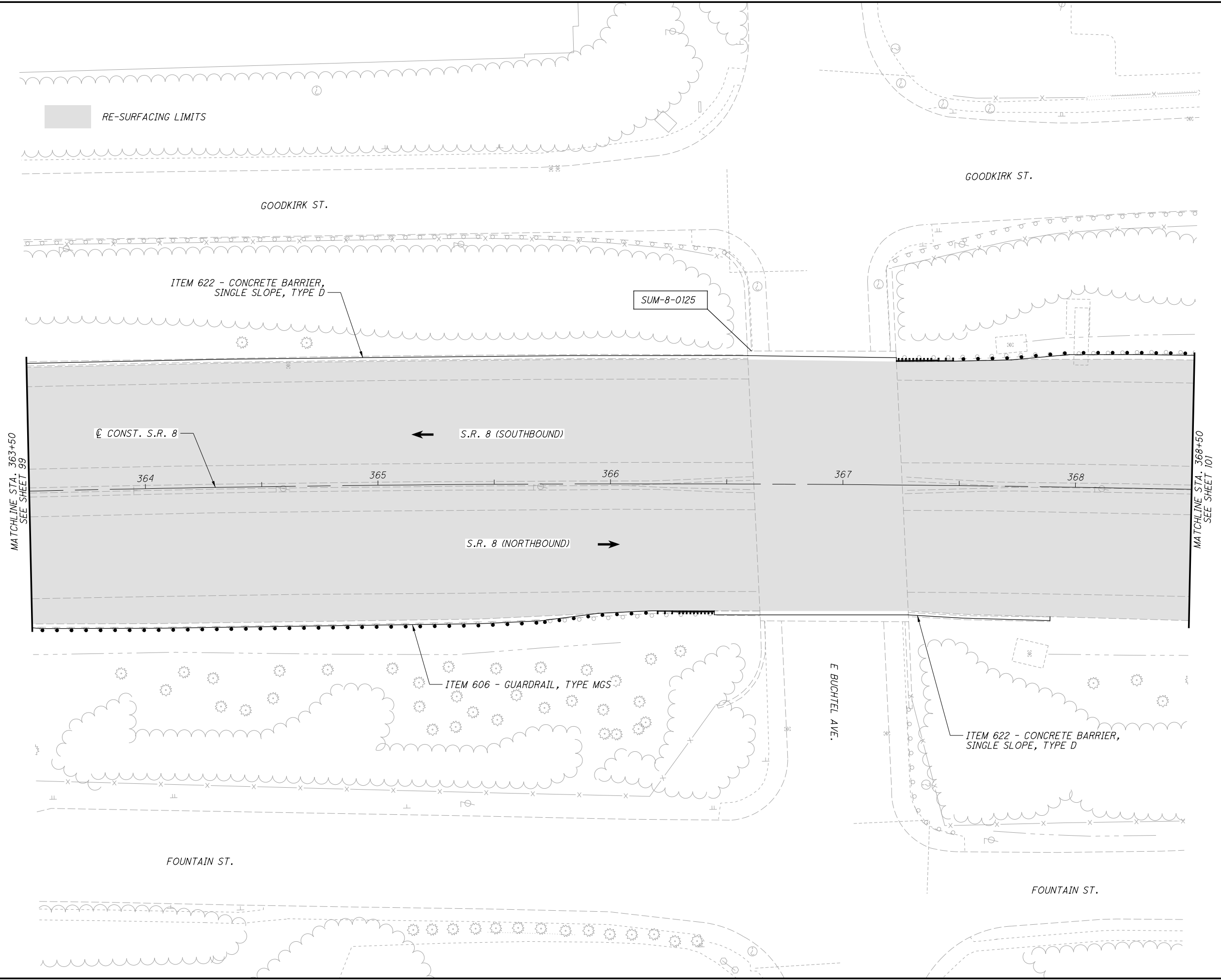
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 358+50 TO STA. 363+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP235.dgn Sheet 8/7/2020 11:33:14 AM mlutes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 20 40  
HORIZONTAL  
SCALE IN FEET

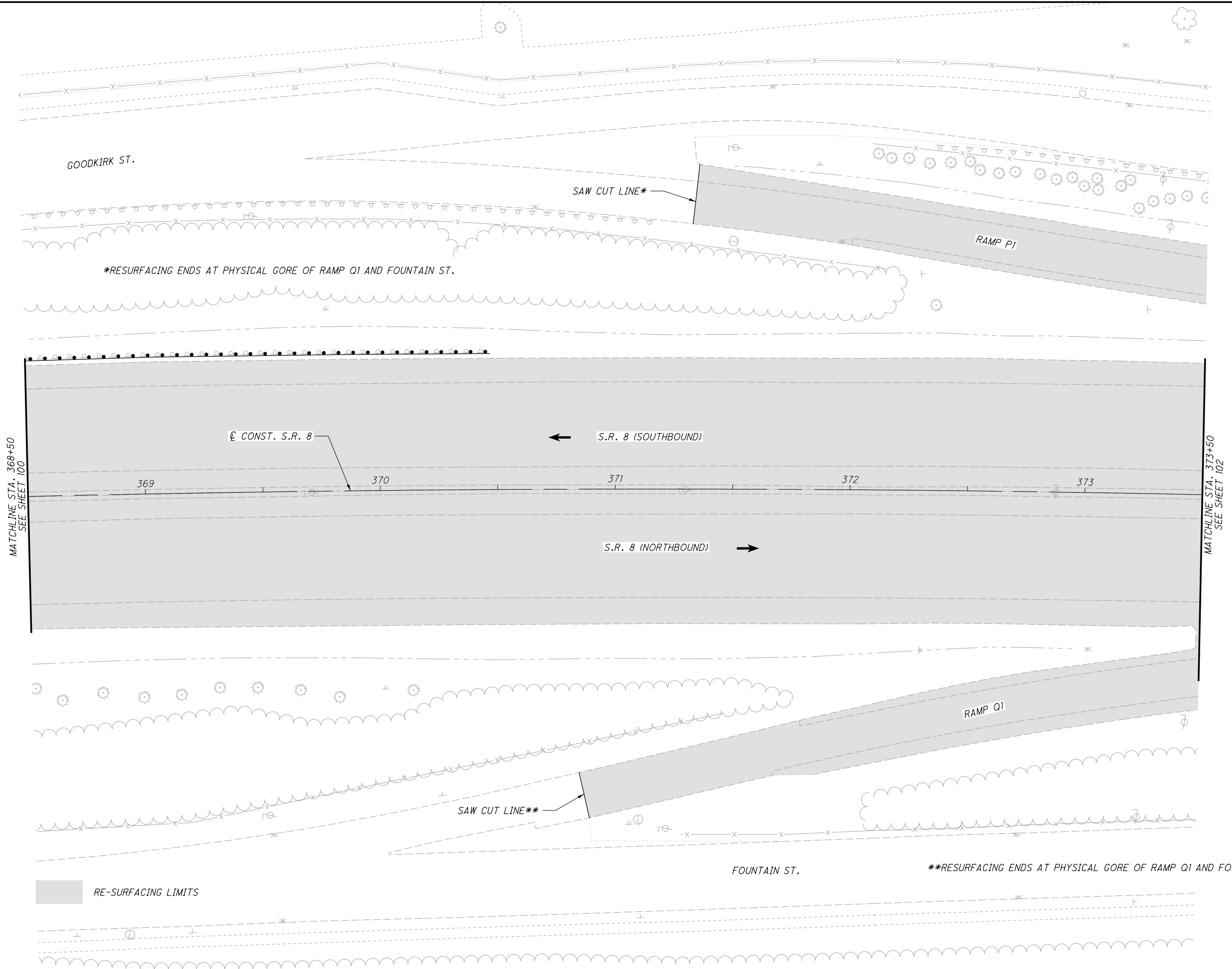
**PLAN - S.R. 8**  
**STA. 358+50 TO STA. 368+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

100  
138



P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP236.dgn Sheet 8/7/2020 11:33:16 AM mlutes



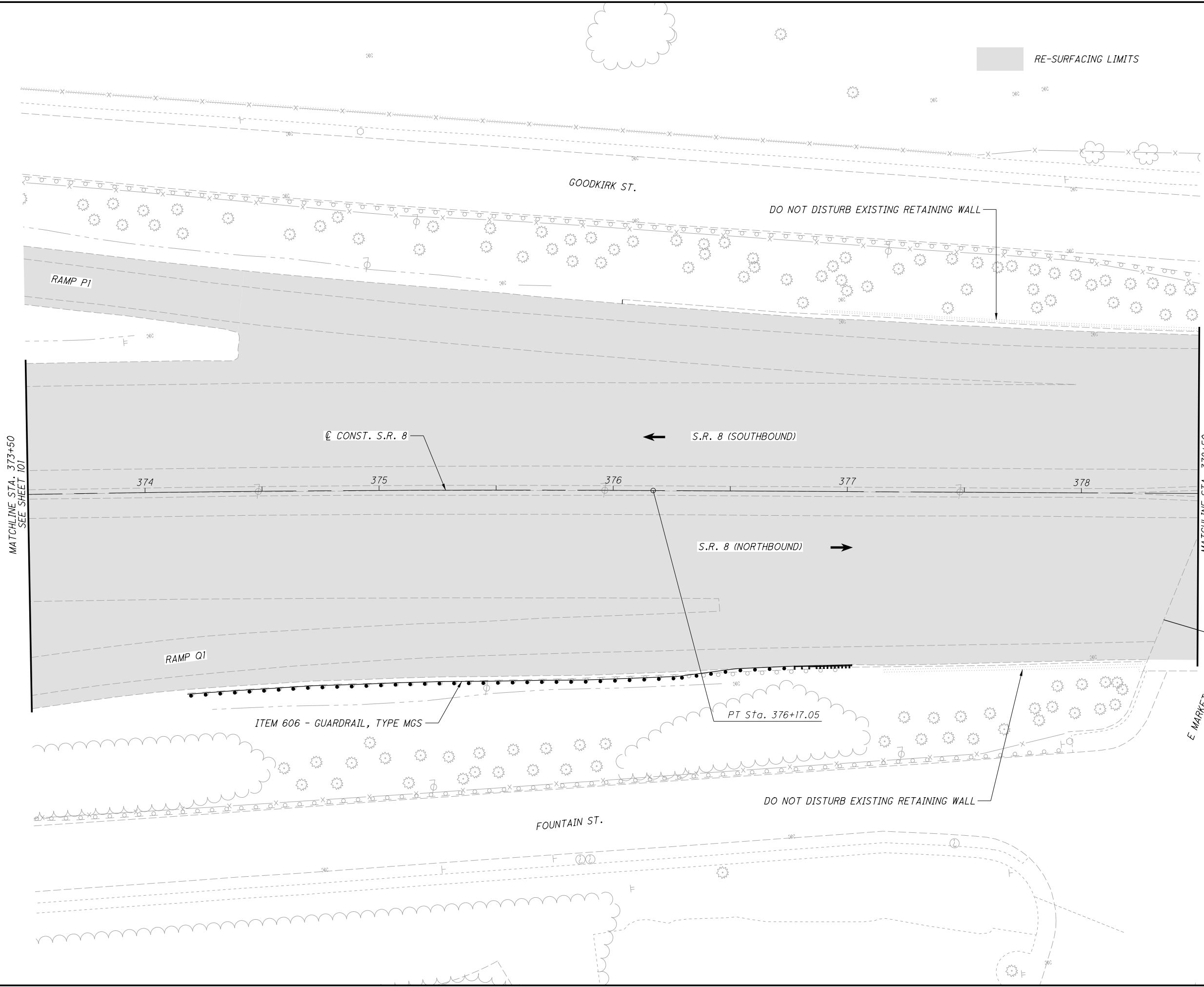
CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

PLAN - S.R. 8  
STA. 368+50 TO STA. 373+50

SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

101  
138

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP237.dgn Sheet 8/7/2020 11:33:17 AM mlutes



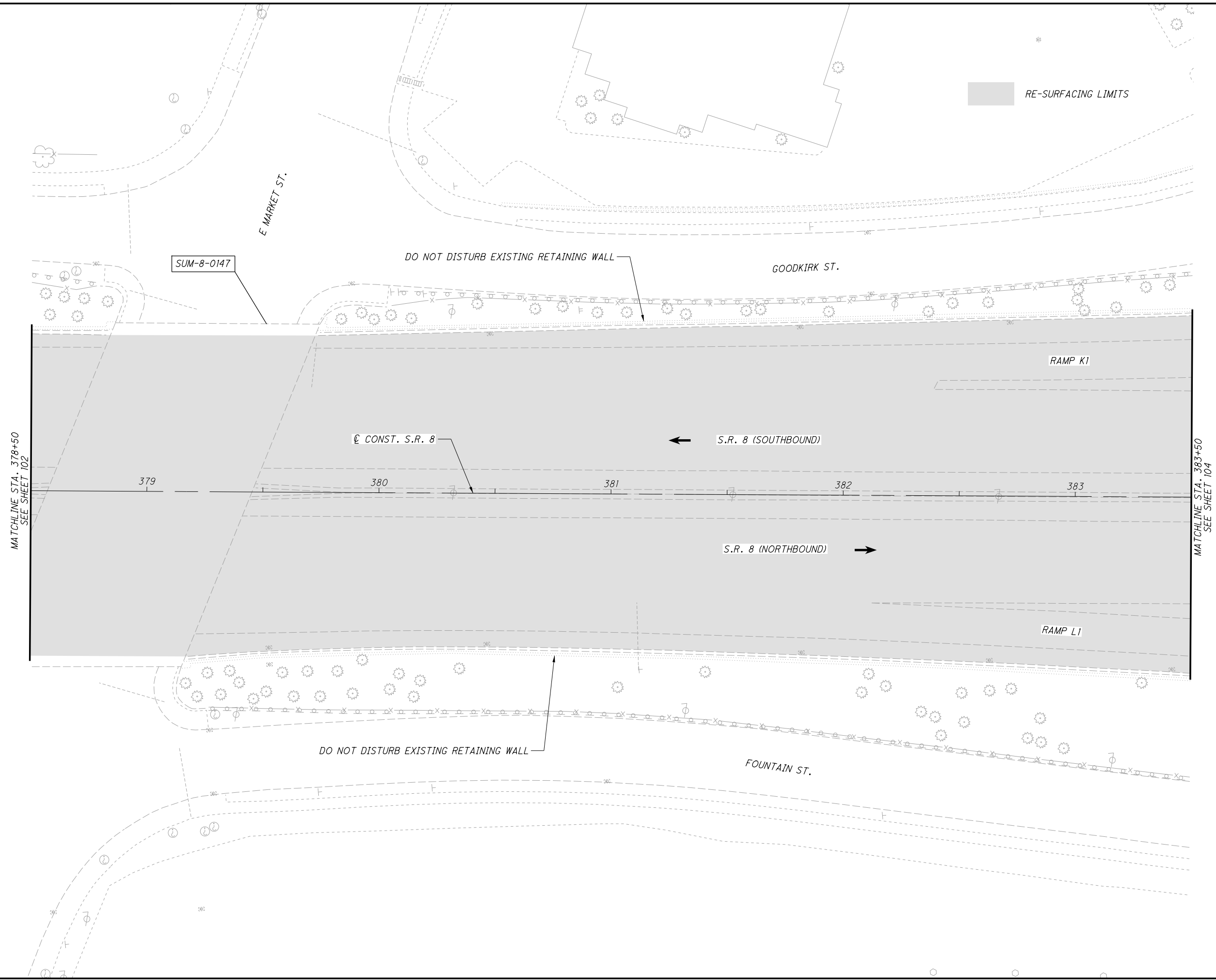
CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 373+50 TO STA. 378+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP238.dgn Sheet 8/7/2020 11:33:18 AM mlutes



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

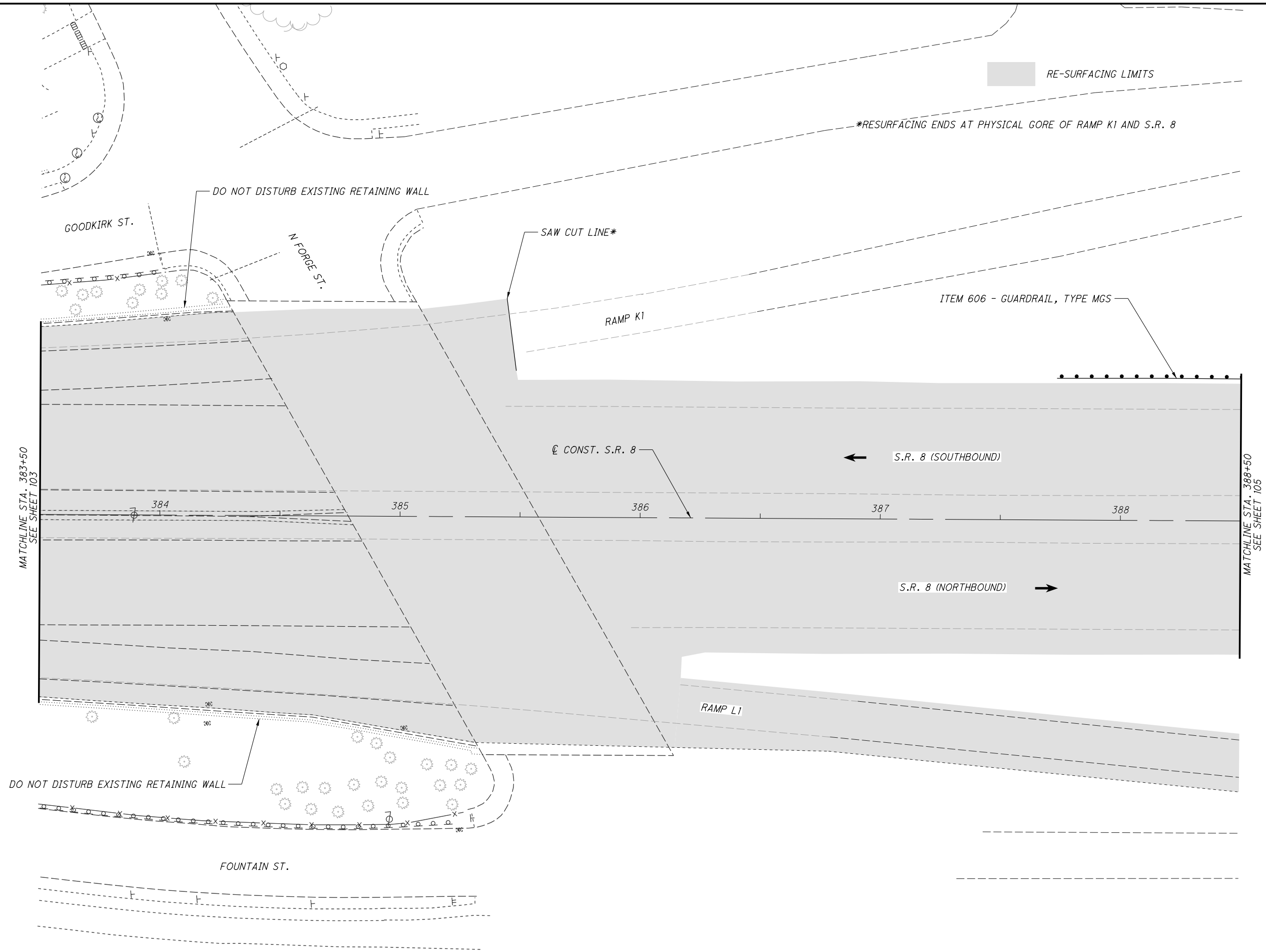
0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 378+50 TO STA. 383+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

103  
138

P:\102329\_SUM-76\_77\Design\Roadway\Sheets\102329\_GP239.dgn Sheet 8/7/2020 11:33:32 AM milutes



RE-SURFACING LIMITS

\*RESURFACING ENDS AT PHYSICAL GORE OF RAMP K1 AND S.R. 8

DO NOT DISTURB EXISTING RETAINING WALL

GOODKIRK ST.

N FORGE ST.

SAW CUT LINE\*

RAMP K1

ITEM 606 - GUARDRAIL, TYPE MGS

CONST. S.R. 8

S.R. 8 (SOUTHBOUND)

S.R. 8 (NORTHBOUND)

RAMP L1

DO NOT DISTURB EXISTING RETAINING WALL

FOUNTAIN ST.

MATCHLINE STA. 383+50  
SEE SHEET 103

MATCHLINE STA. 388+50  
SEE SHEET 105

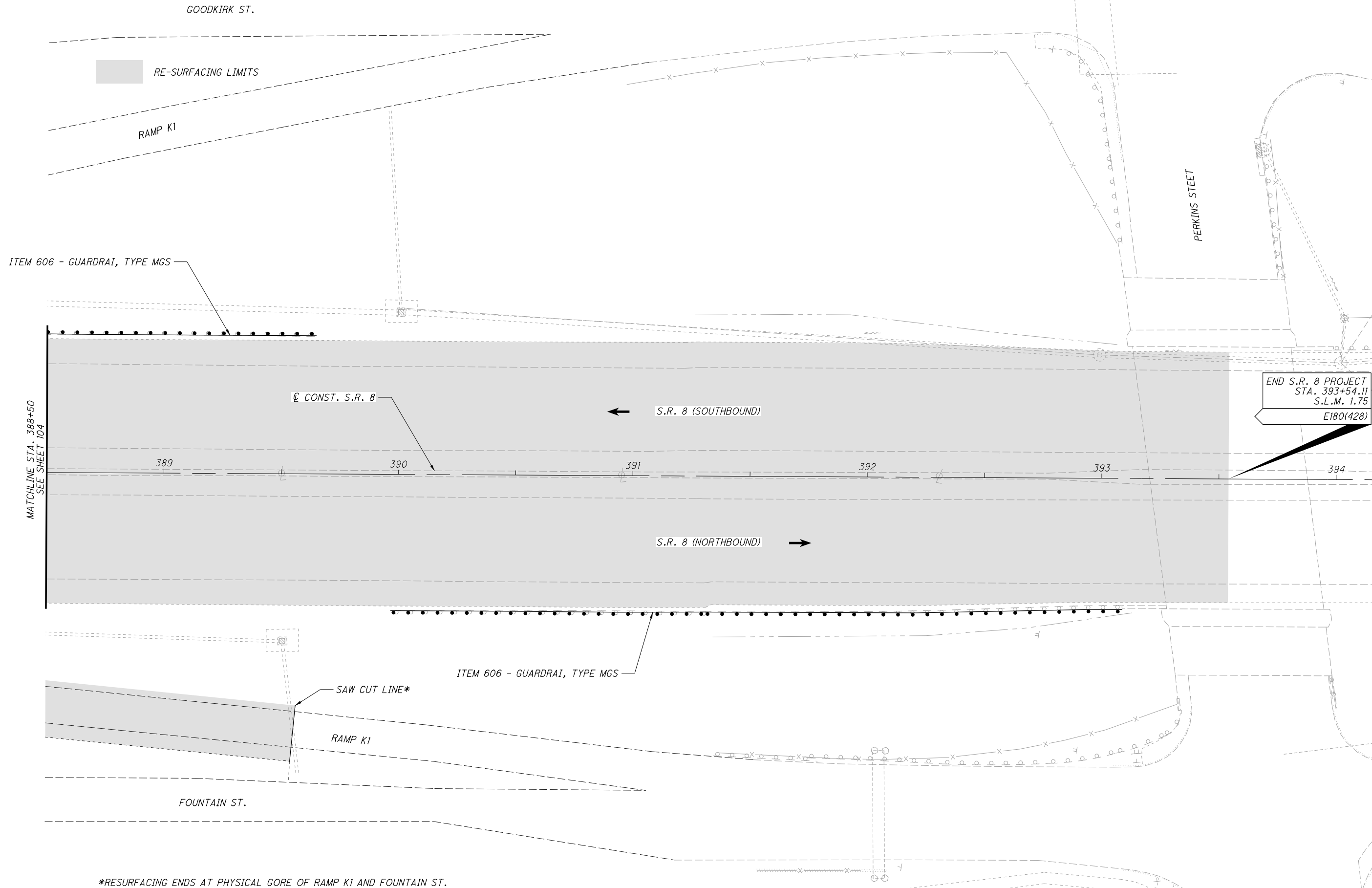


CALCULATED
MILL
CHECKED
JTW

**PLAN - S.R. 8**  
**STA. 383+50 TO STA. 388+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

P:\02329\_SUM-76\_77\Design\Roadway\Sheets\02329\_GP240.dgn Sheet 8/7/2020 11:33:36 AM miles



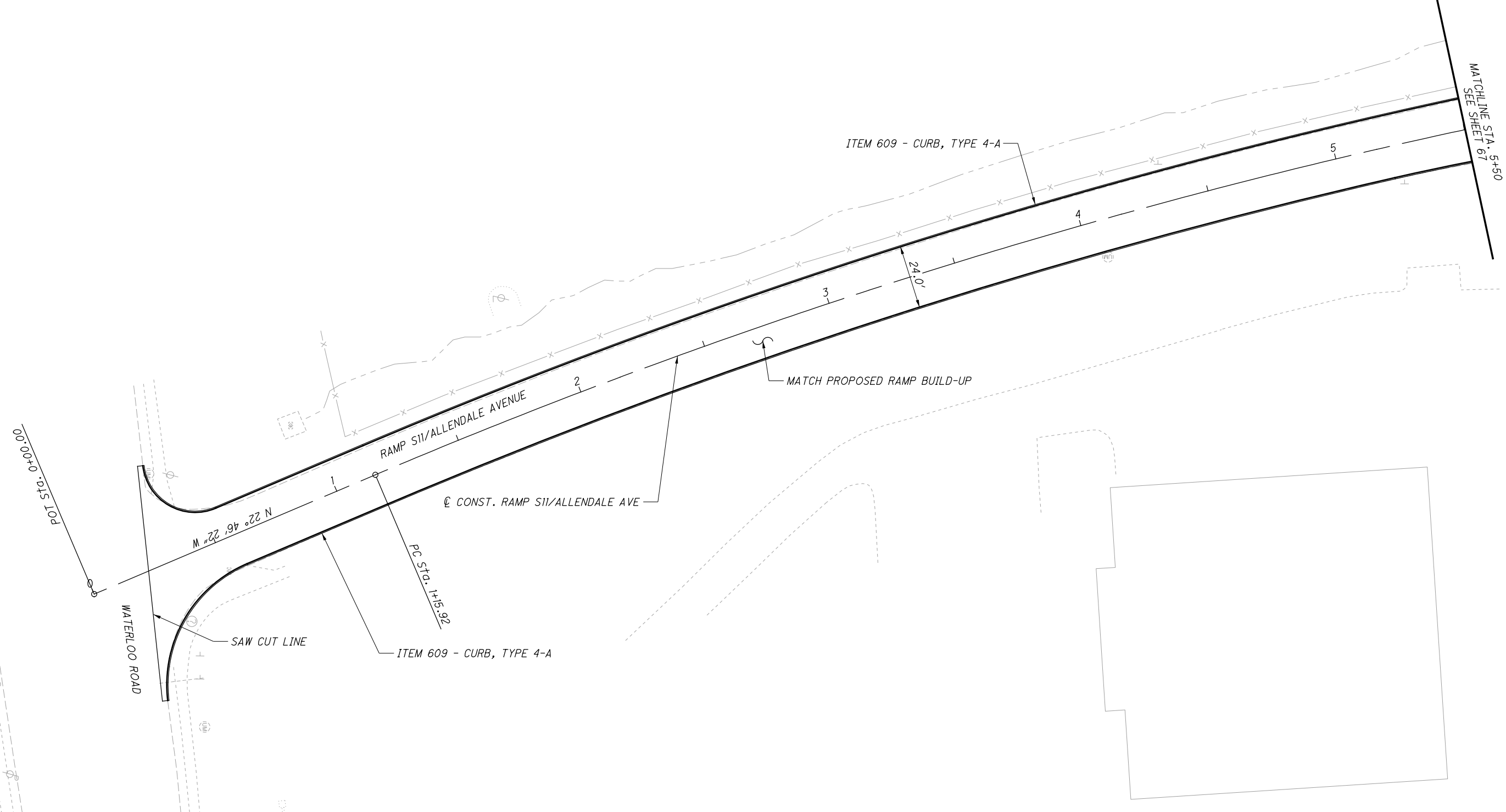
\*RESURFACING ENDS AT PHYSICAL GORE OF RAMP K1 AND FOUNTAIN ST.

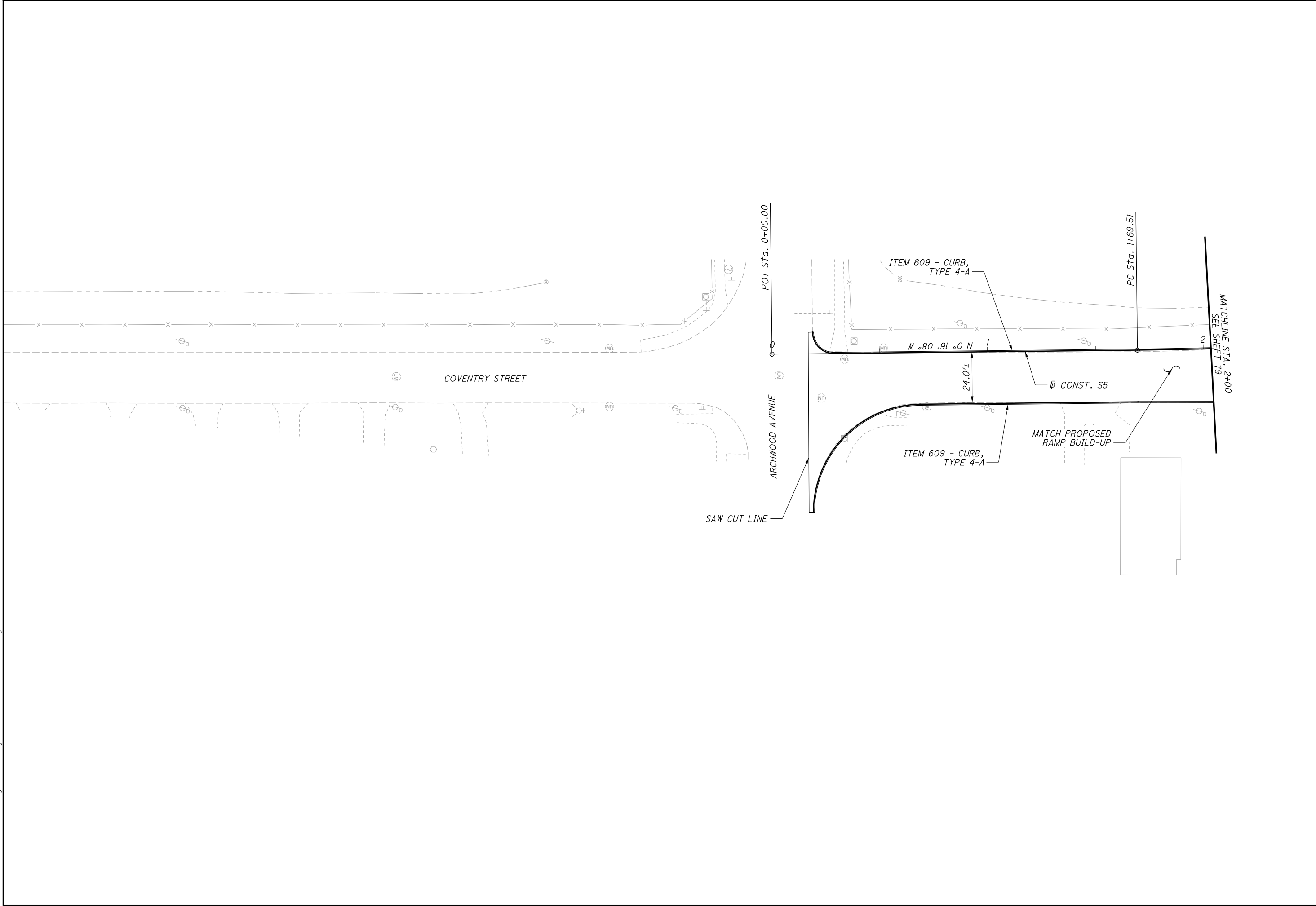
CALCULATED  
MLL  
CHECKED  
JTW

0 20 40  
HORIZONTAL  
SCALE IN FEET

**PLAN - S.R. 8**  
**STA. 388+50 TO END S.R. 8 PROJECT**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**





**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

**LEGEND:**

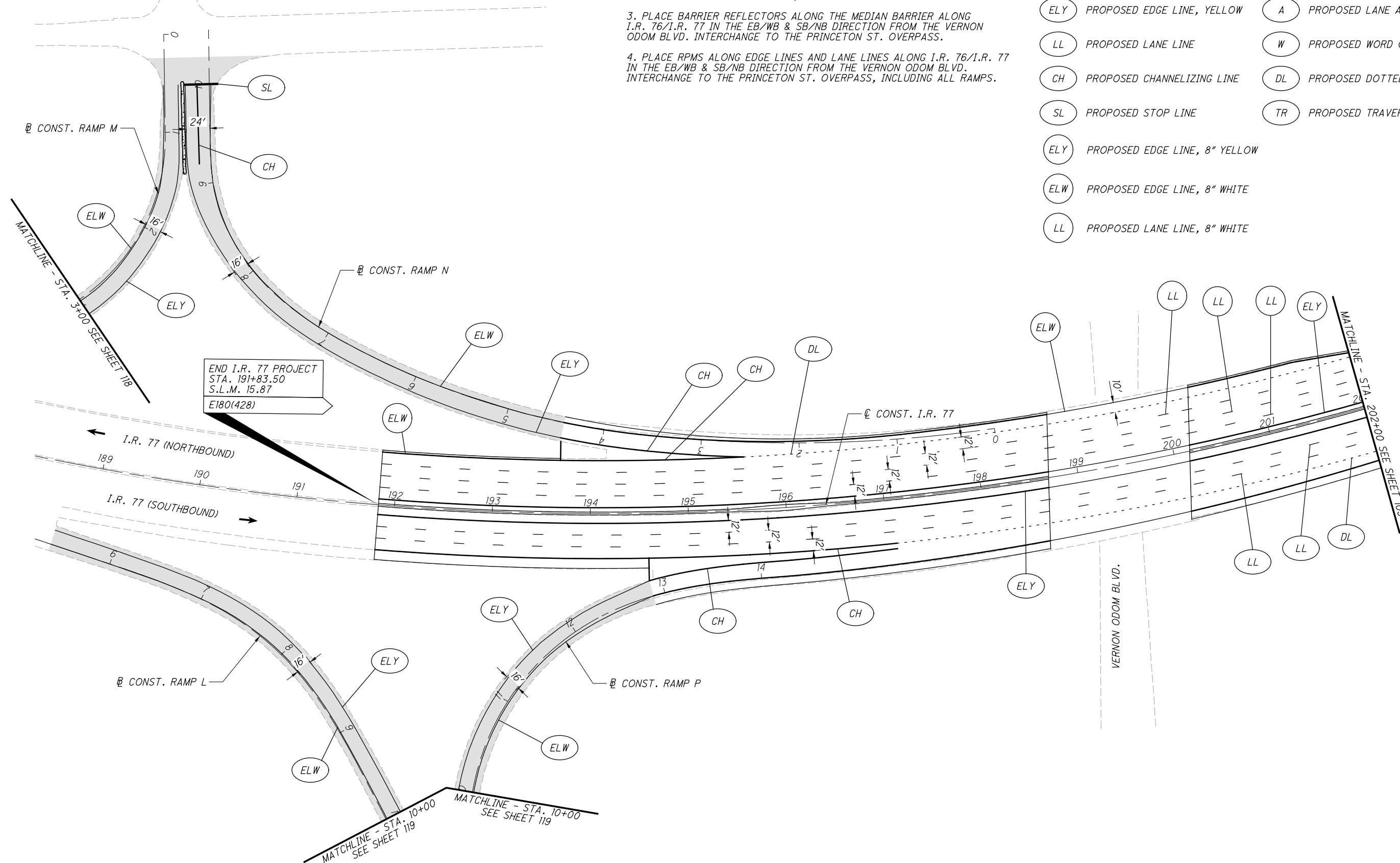
- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |

CALCULATED  
KRM

CHECKED  
MLL

HORIZONTAL SCALE IN FEET

P:\102329\_SUM-76\_77\Design\Traffic\Sheets\102329\_TPO1.dgn 10/24/2020 11:47:14 AM mlutes



**TRAFFIC CONTROL PLAN - I.R. 77**  
**END I.R. 77 PROJECT TO STA. 202+00**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

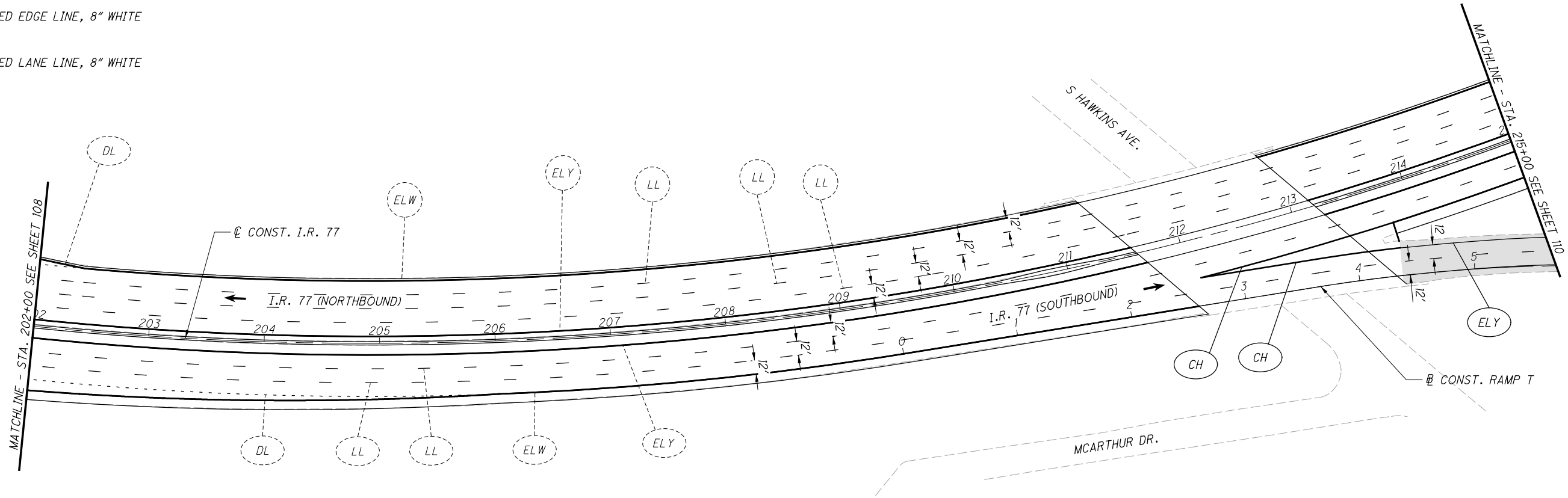


**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMP.



CALCULATED KRM  
CHECKED MLL

0 50 100  
25  
HORIZONTAL SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 202+00 TO STA. 215+00**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

LEGEND:

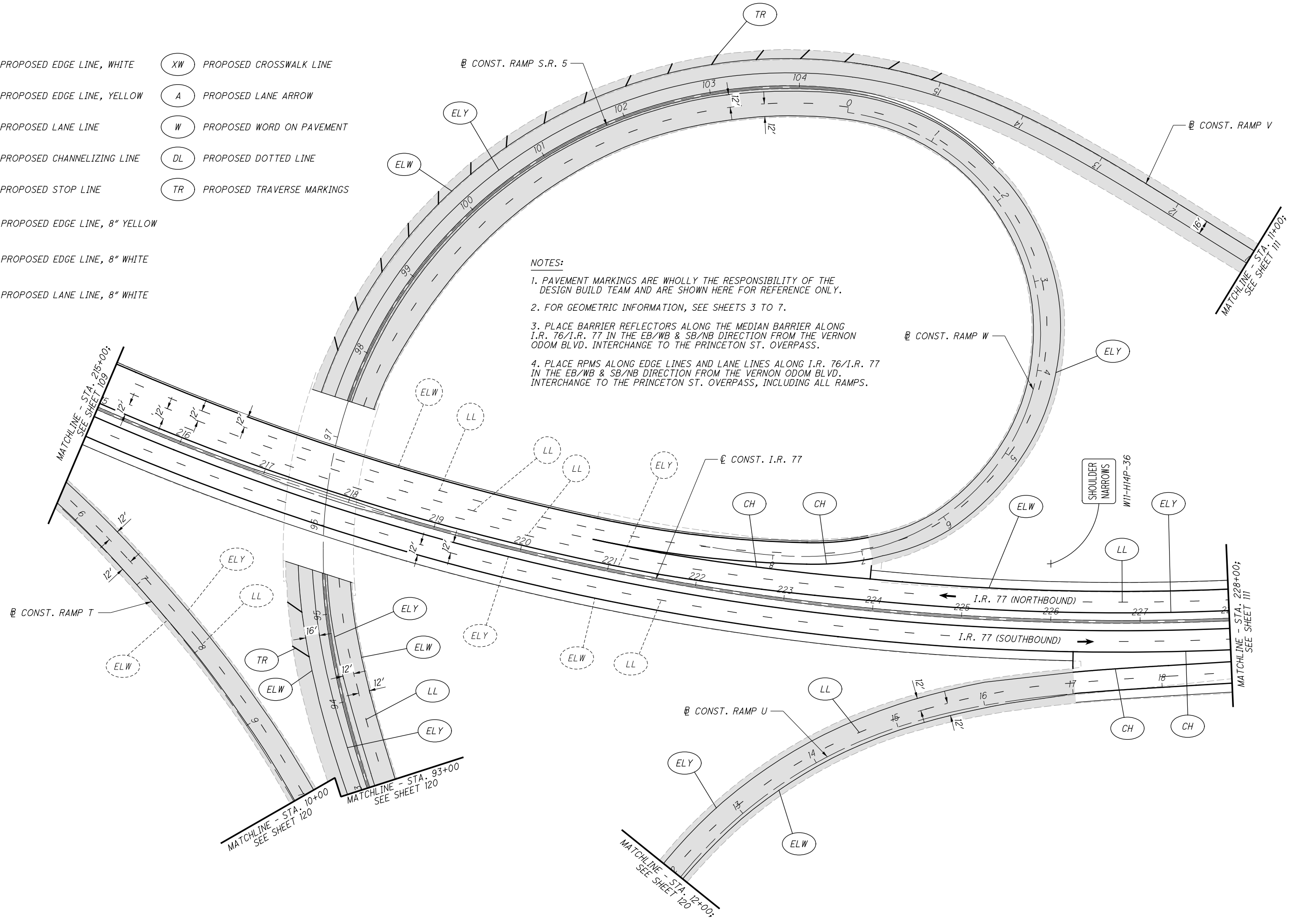
- (ELW) PROPOSED EDGE LINE, WHITE
- (ELY) PROPOSED EDGE LINE, YELLOW
- (LL) PROPOSED LANE LINE
- (CH) PROPOSED CHANNELIZING LINE
- (SL) PROPOSED STOP LINE
- (ELY) PROPOSED EDGE LINE, 8" YELLOW
- (ELW) PROPOSED EDGE LINE, 8" WHITE
- (LL) PROPOSED LANE LINE, 8" WHITE
- (XW) PROPOSED CROSSWALK LINE
- (A) PROPOSED LANE ARROW
- (W) PROPOSED WORD ON PAVEMENT
- (DL) PROPOSED DOTTED LINE
- (TR) PROPOSED TRAVERSE MARKINGS



CALCULATED	KRM
CHECKED	MLL

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 215+00 TO STA. 228+00**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

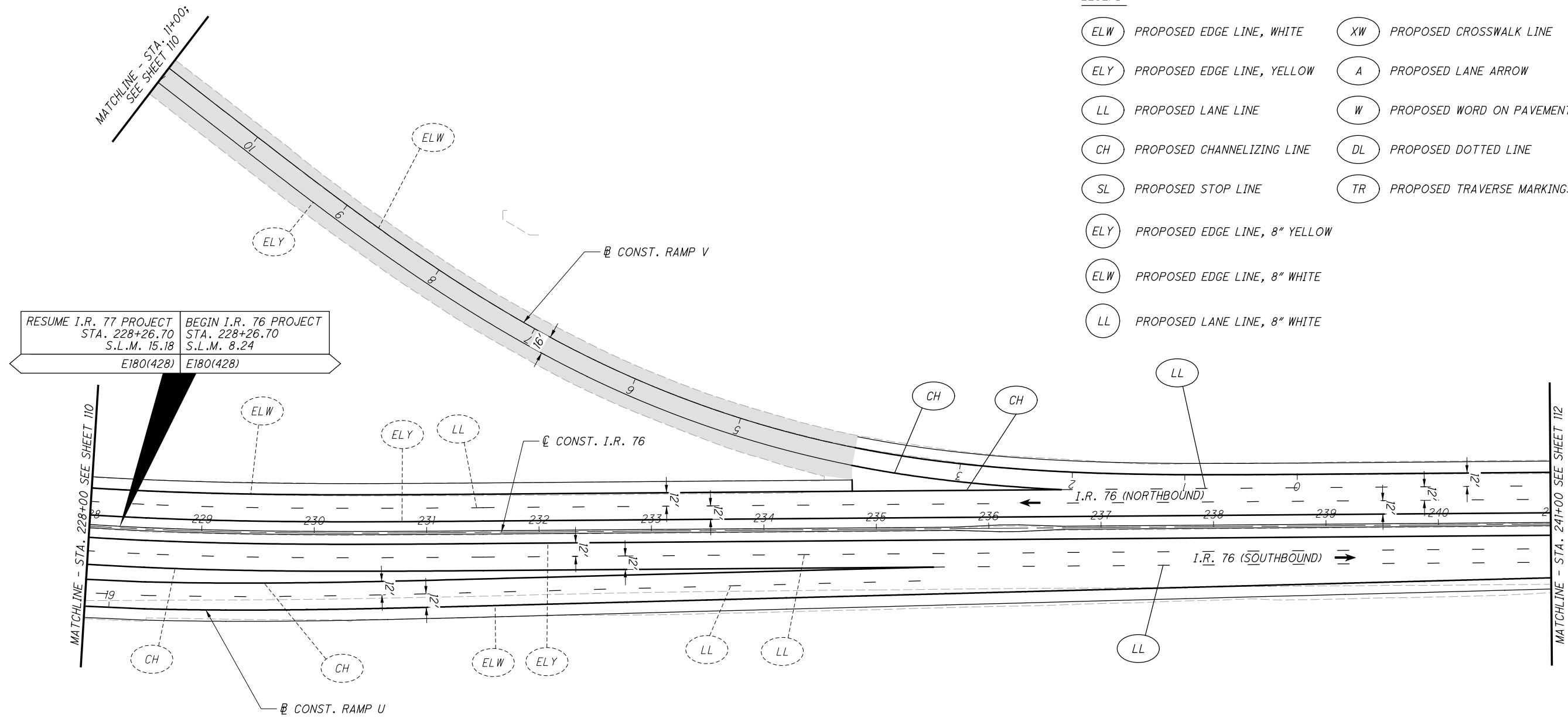


NOTES:

- PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
- FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
- PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
- PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

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P:\02329\_SUM-76\_77\Design\Traffic\Sheets\02329\_TP004.dgn 10/21/2020 11:47:19 AM milutes



RESUME I.R. 77 PROJECT STA. 228+26.70 S.L.M. 15.18 E180(428)	BEGIN I.R. 76 PROJECT STA. 228+26.70 S.L.M. 8.24 E180(428)
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**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |

CALCULATED  
KRM  
CHECKED  
MLL

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 77 / I.R. 76**  
**STA. 228+00 TO STA. 241+00**

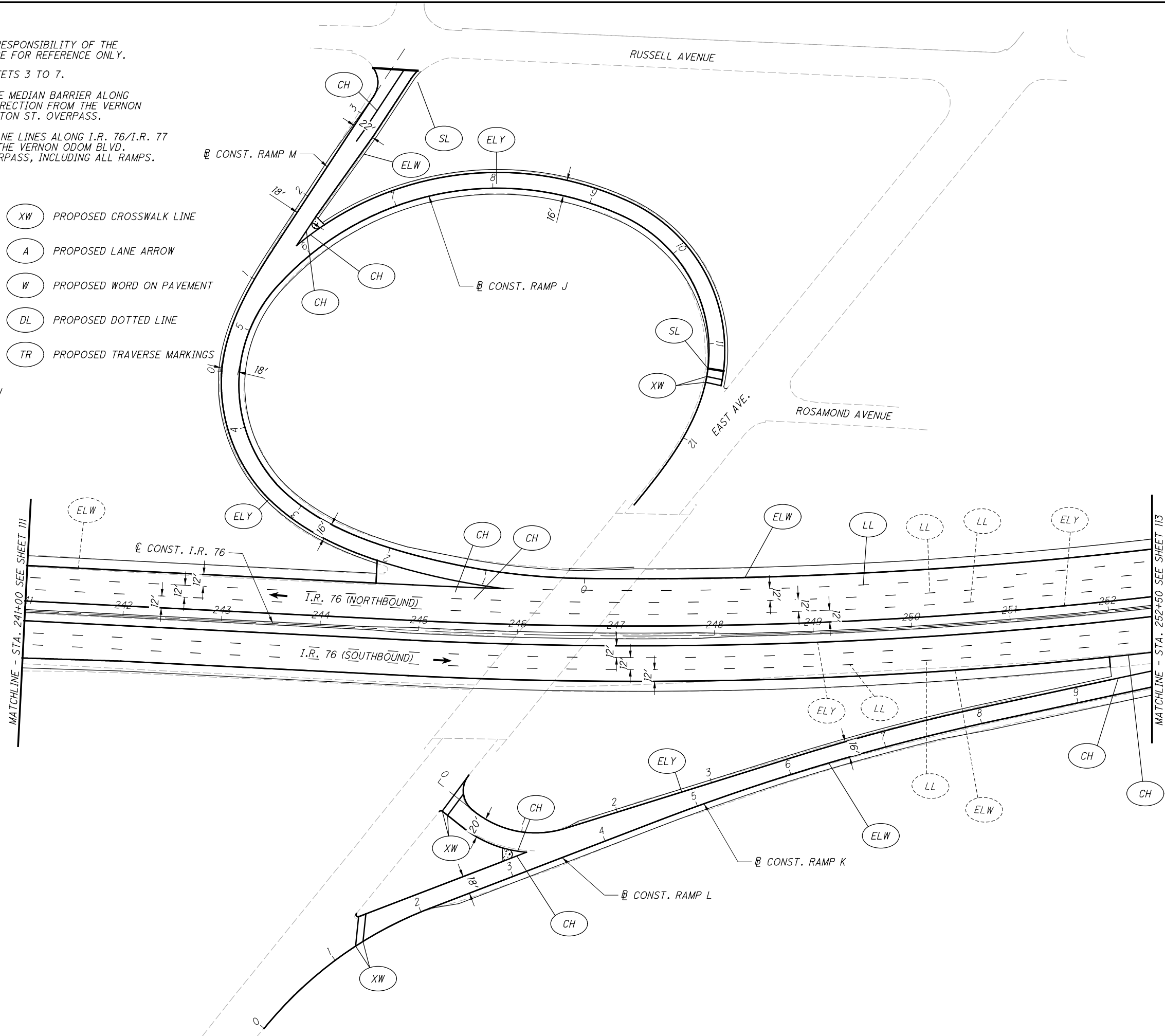
**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |




  
 0 50 100
   
 HORIZONTAL SCALE IN FEET
   
 CALCULATED: MLL
   
 CHECKED: JTJ

**TRAFFIC CONTROL PLAN - I.R. 76**  
**STA. 241+00 TO STA. 252+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

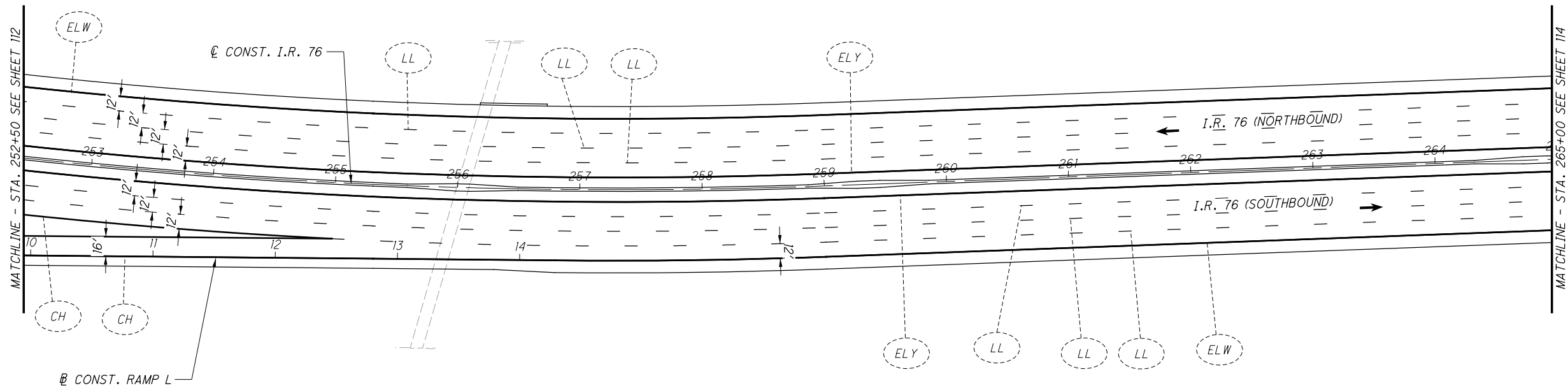
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NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 76**  
**STA. 252+50 TO STA. 265+00**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

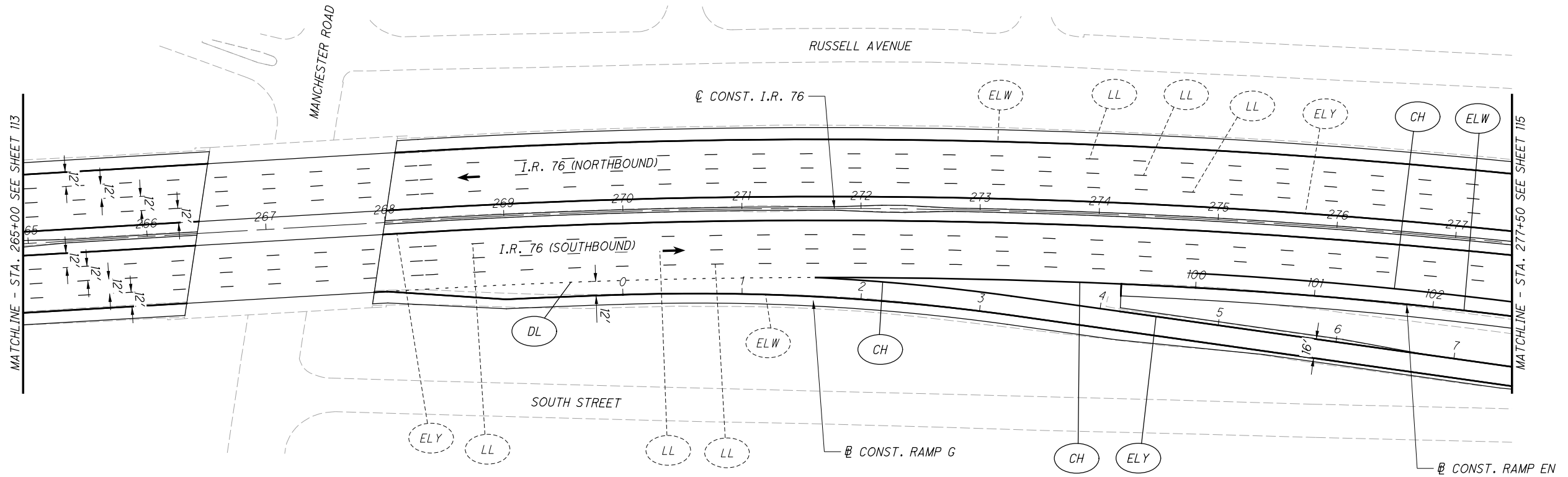
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NOTES:

- PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
- FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
- PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
- PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 76**  
**STA. 265+00 TO STA. 277+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

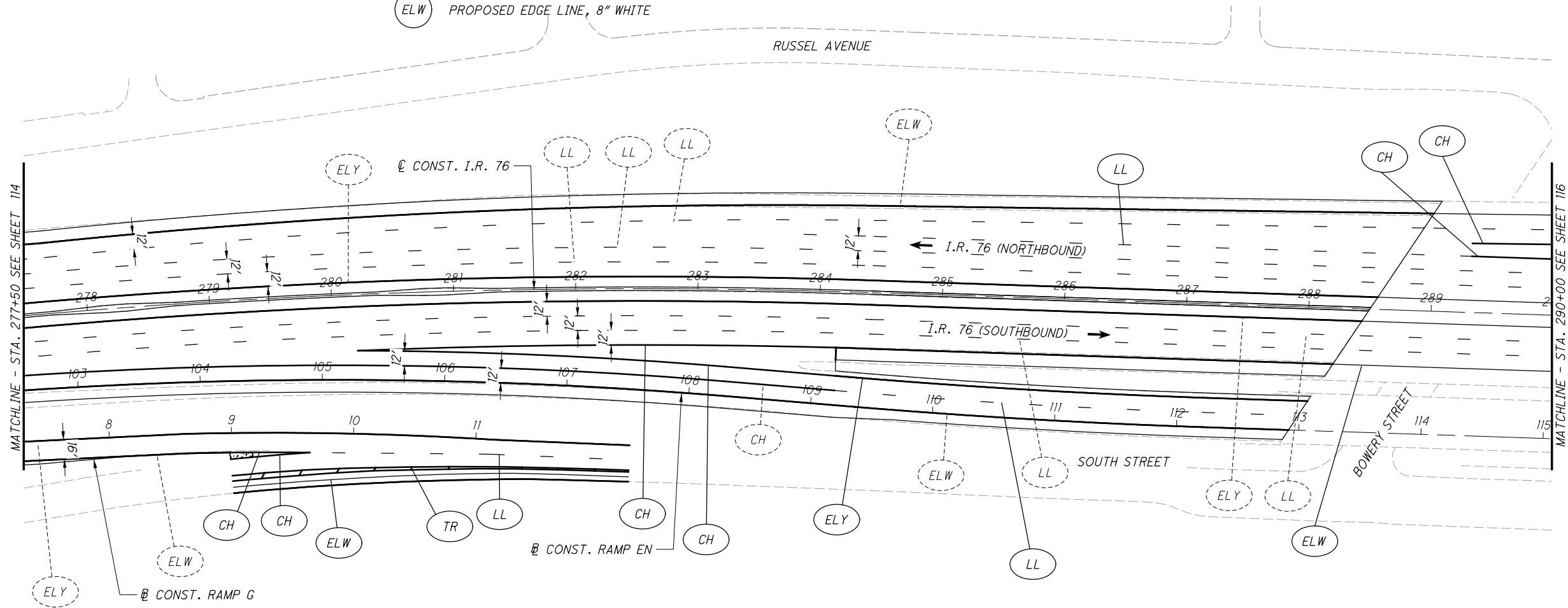
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**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 76  
STA. 277+50 TO STA. 290+00**

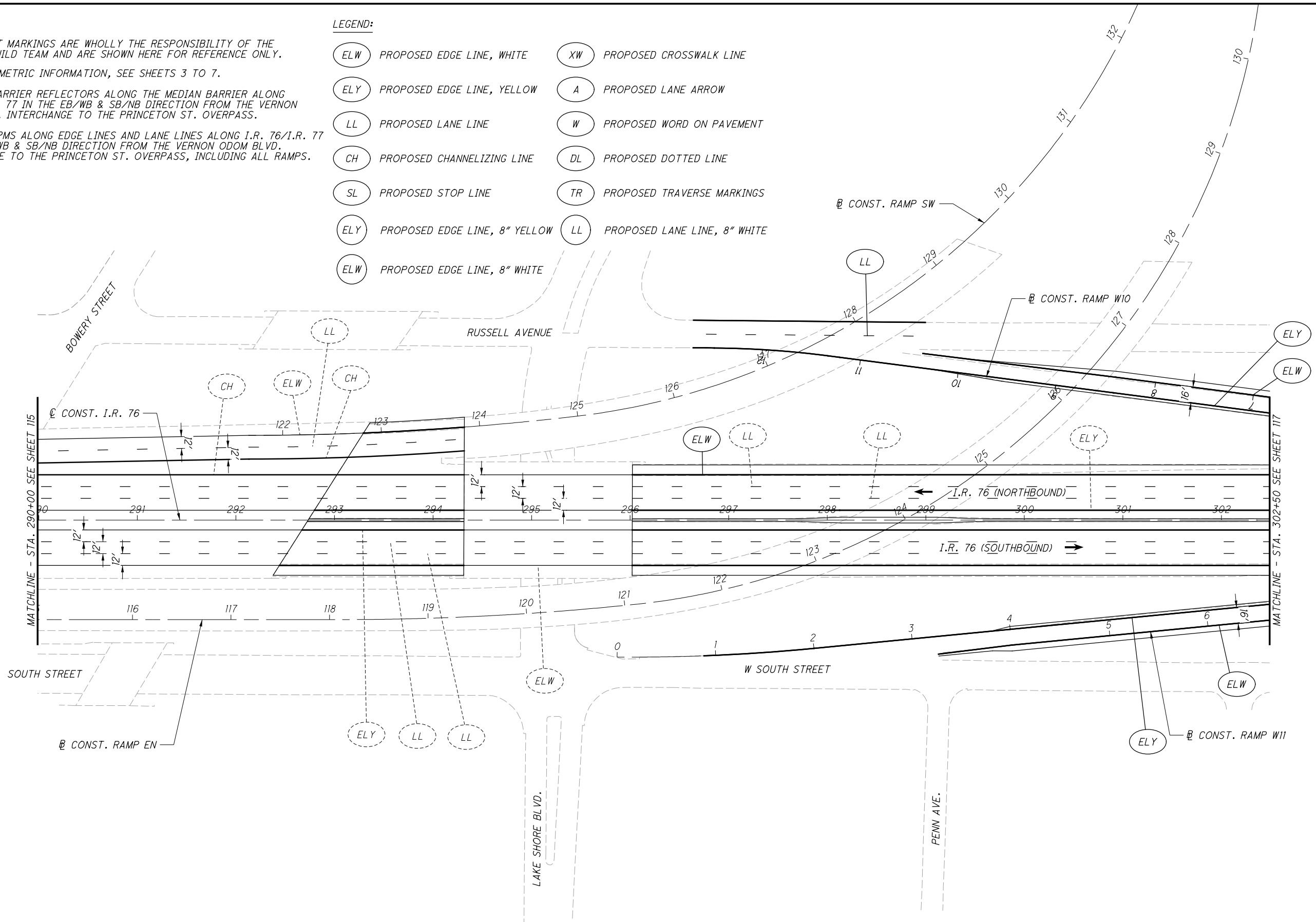
**SUM-76/77/8-  
8.24/9.74/0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 76**  
**STA. 290+00 TO STA. 302+50**

**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

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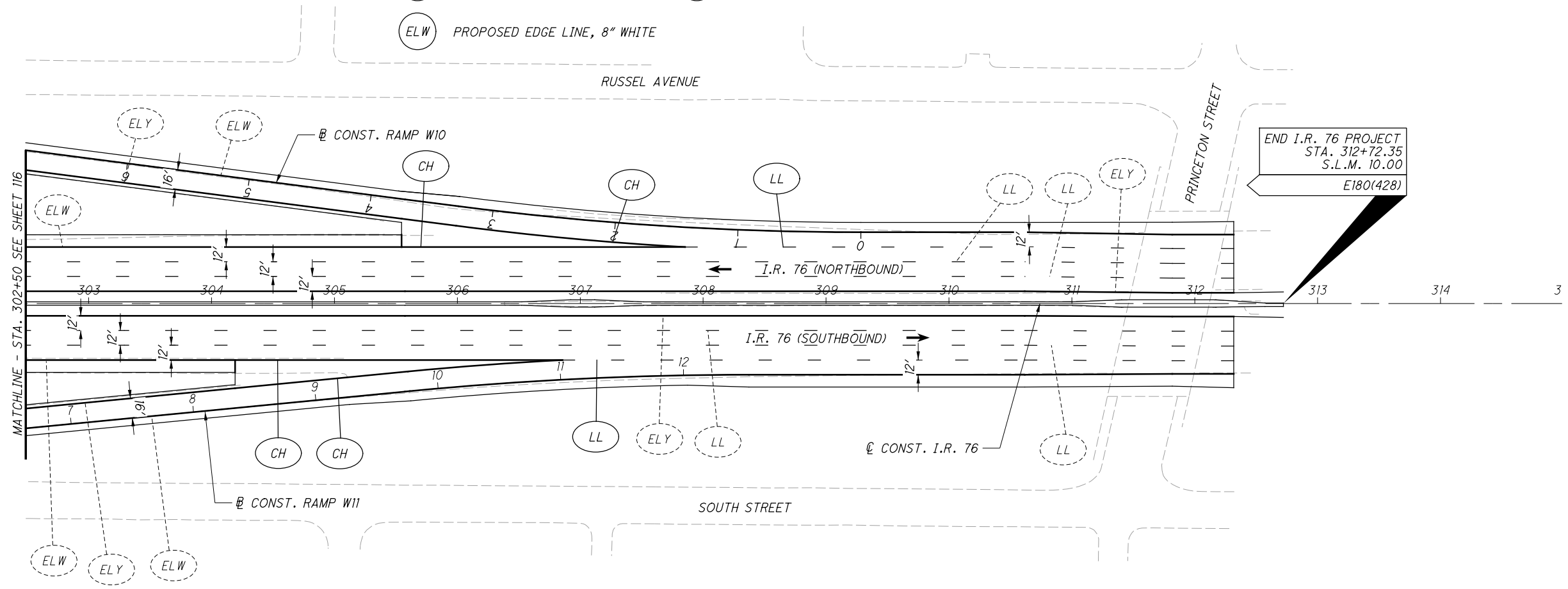


NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



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CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

TRAFFIC CONTROL PLAN - I.R. 76  
STA. 302+50 TO END I.R. 76 PROJECT

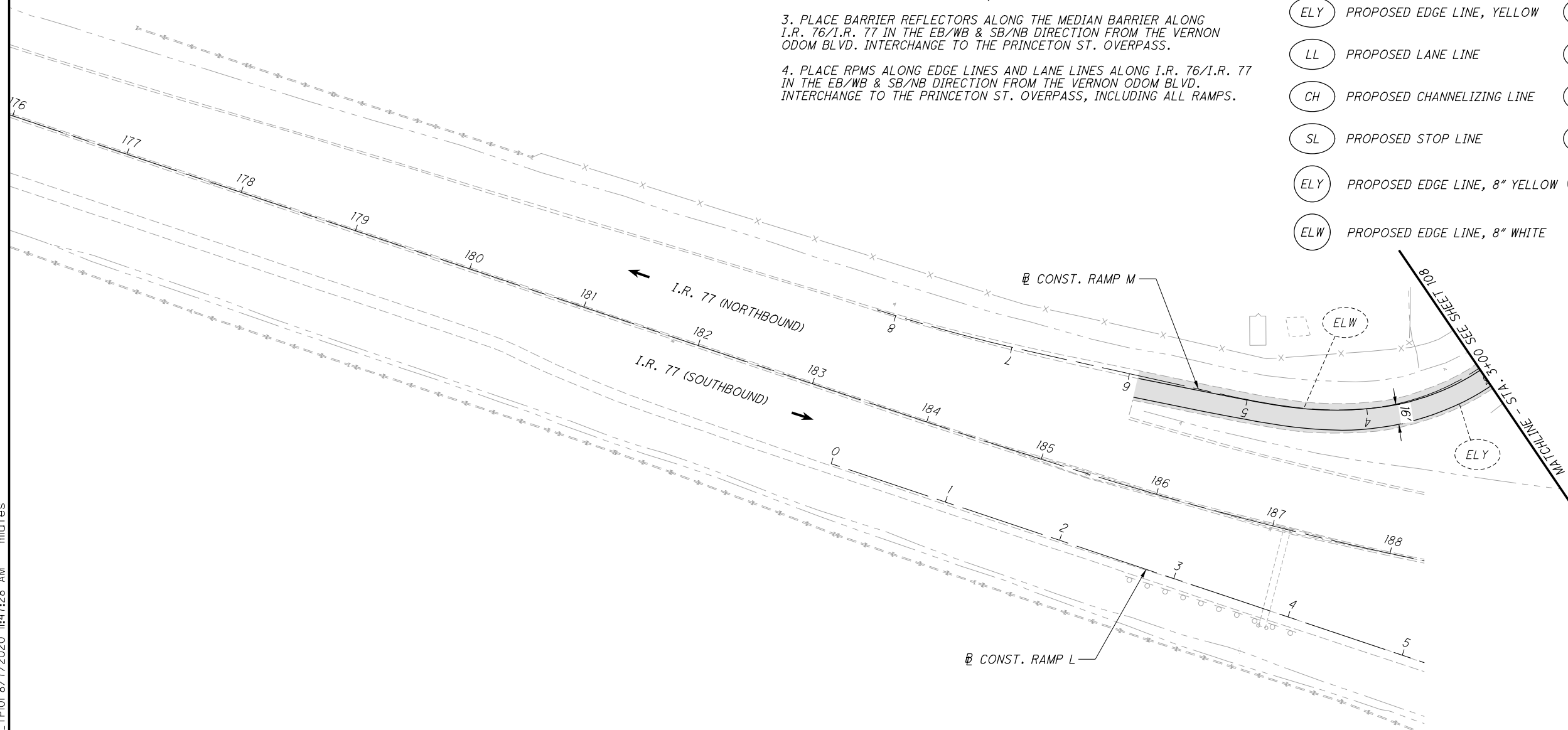
SUM-76/77/8-  
8.24/9.74/0.00

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



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**TRAFFIC CONTROL PLAN - RAMP M  
BEGIN WORK TO STA. 3+00**

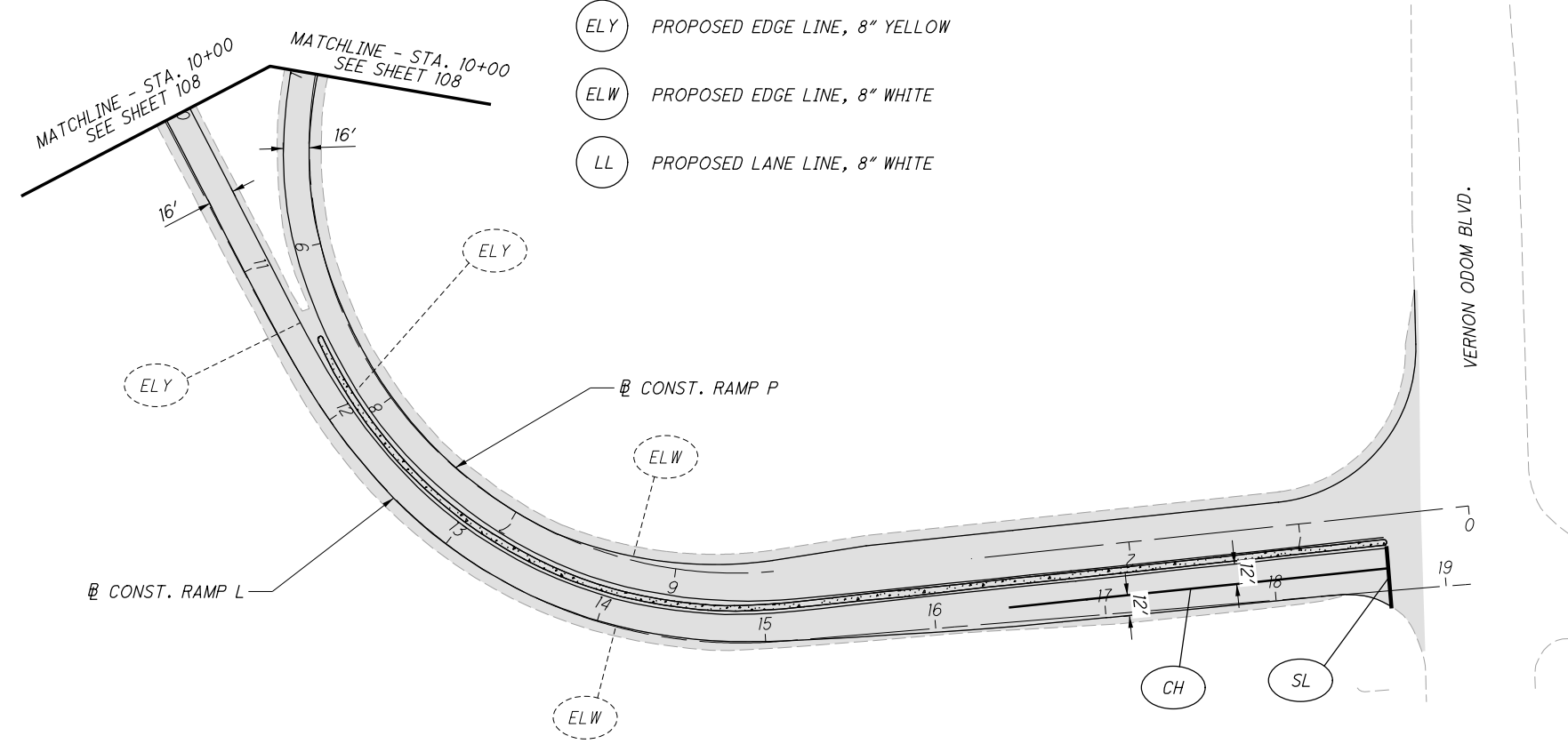
**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

**LEGEND:**

- (ELW) PROPOSED EDGE LINE, WHITE
- (ELY) PROPOSED EDGE LINE, YELLOW
- (LL) PROPOSED LANE LINE
- (CH) PROPOSED CHANNELIZING LINE
- (SL) PROPOSED STOP LINE
- (ELY) PROPOSED EDGE LINE, 8" YELLOW
- (ELW) PROPOSED EDGE LINE, 8" WHITE
- (LL) PROPOSED LANE LINE, 8" WHITE
- (XW) PROPOSED CROSSWALK LINE
- (A) PROPOSED LANE ARROW
- (W) PROPOSED WORD ON PAVEMENT
- (DL) PROPOSED DOTTED LINE
- (TR) PROPOSED TRAVERSE MARKINGS

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

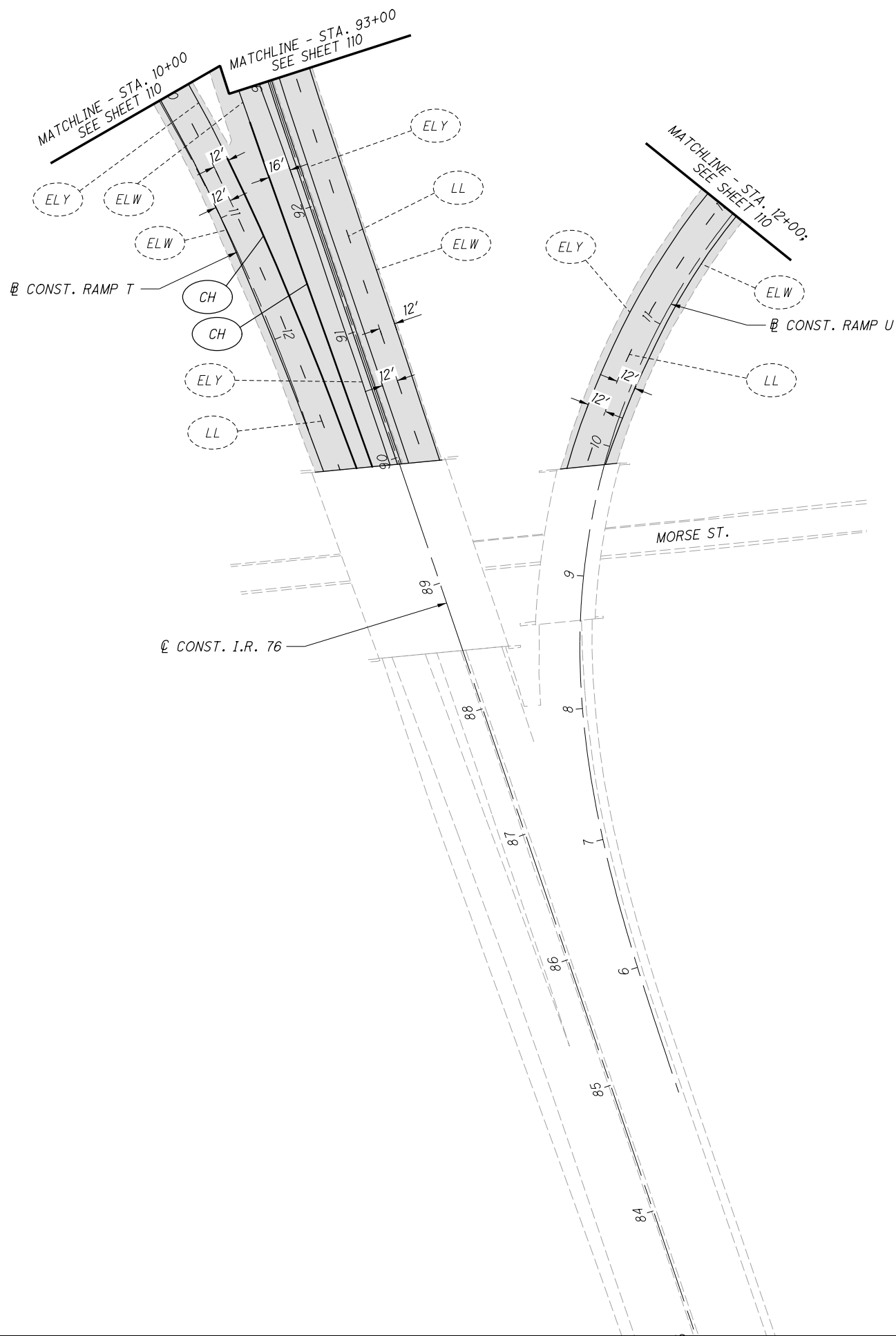


  
 0 50 100  
 HORIZONTAL SCALE IN FEET  
 CALCULATED: MLL  
 CHECKED: JTJ

**TRAFFIC CONTROL PLAN - RAMP L & RAMP P  
STA. 10+00 TO END WORK**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

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**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 3 TO 7.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 76/I.R. 77 IN THE EB/WB & SB/NB DIRECTION FROM THE VERNON ODOM BLVD. INTERCHANGE TO THE PRINCETON ST. OVERPASS, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |

CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 25 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - RAMP T & RAMP U  
STA. 10+00 TO END WORK**

**SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00**

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**NOTES:**

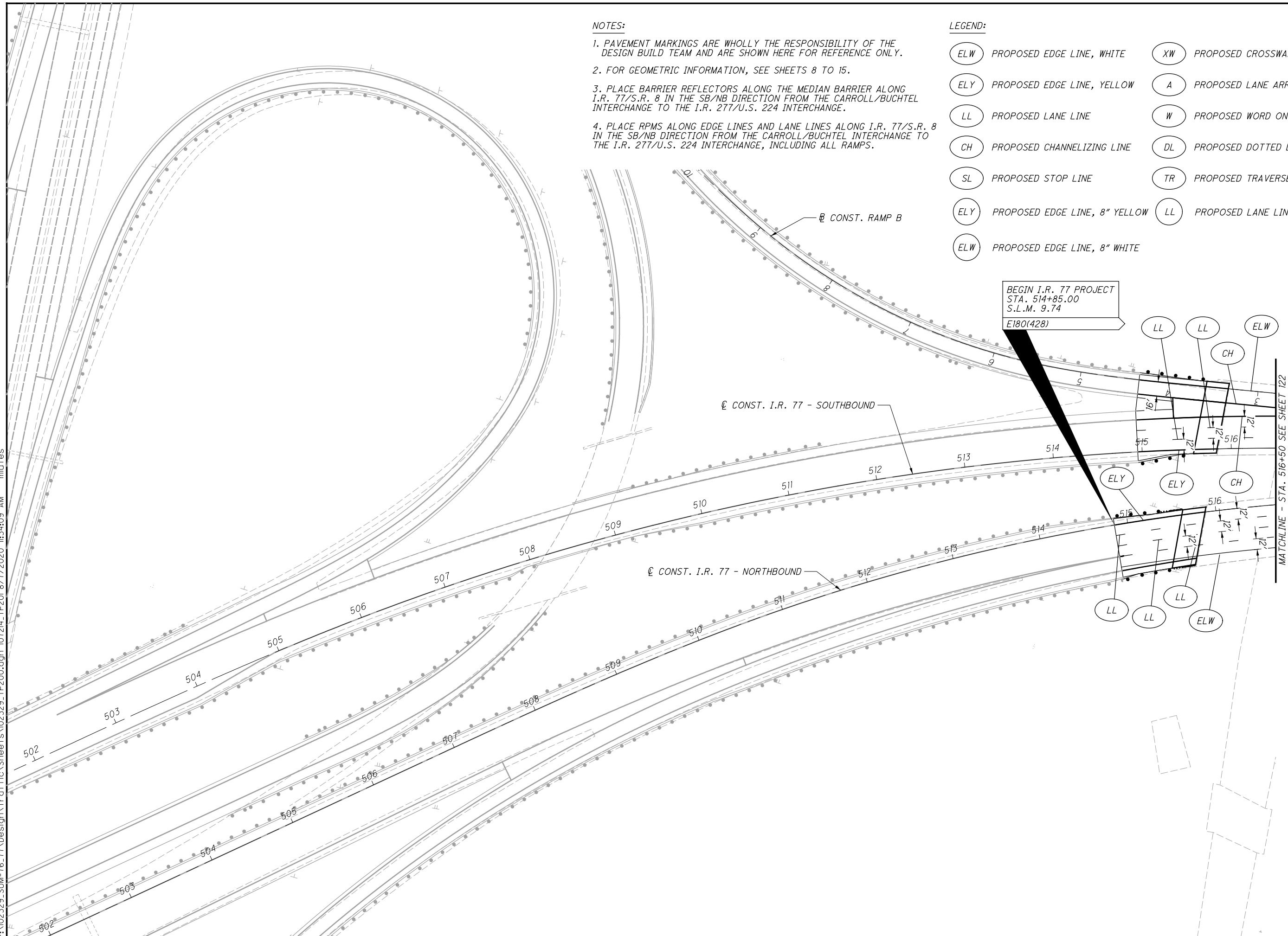
- 1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
- 2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
- 3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
- 4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |

CALCULATED MLL  
CHECKED JTJ

HORIZONTAL SCALE IN FEET



**TRAFFIC CONTROL PLAN - I.R. 77**  
**BEGIN I.R. 77 PROJECT TO STA. 516+50**

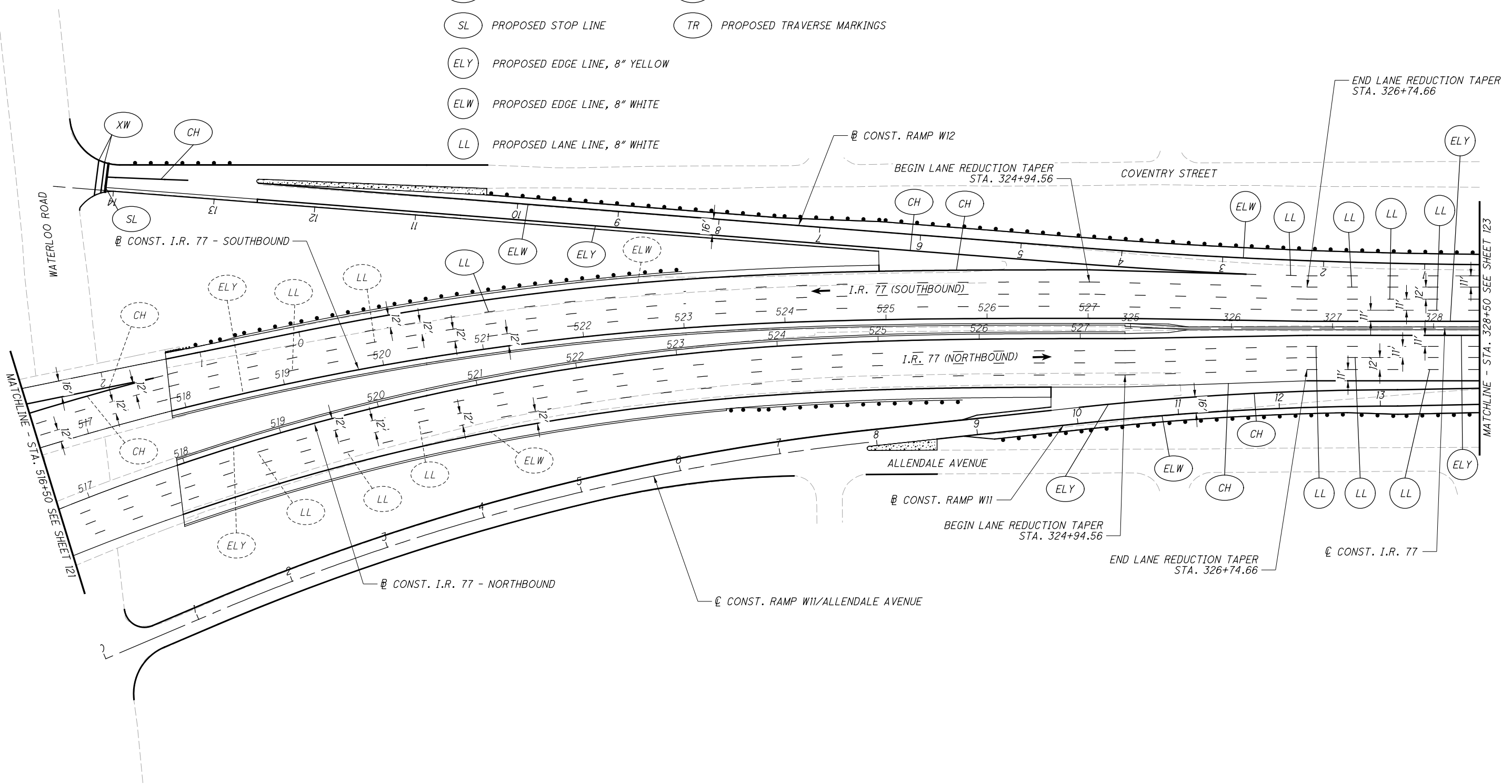
**SUM-76 / 77 / 8-**  
**8.24 / 9.74 / 0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



HORIZONTAL SCALE IN FEET

CALCULATED MLL  
 CHECKED JTJ

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 516+50 TO STA. 328+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

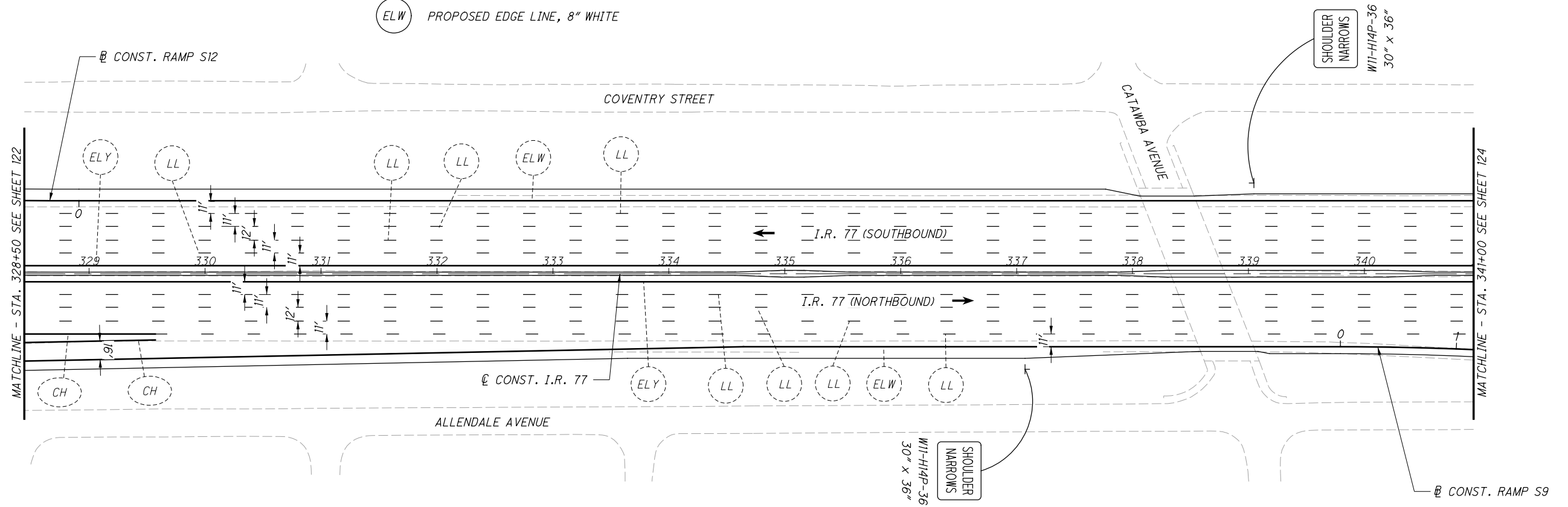
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NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED MLL CHECKED JTJ

0 50 100  
25  
HORIZONTAL SCALE IN FEET

TRAFFIC CONTROL PLAN - I.R. 77  
STA. 328+50 TO STA. 341+00

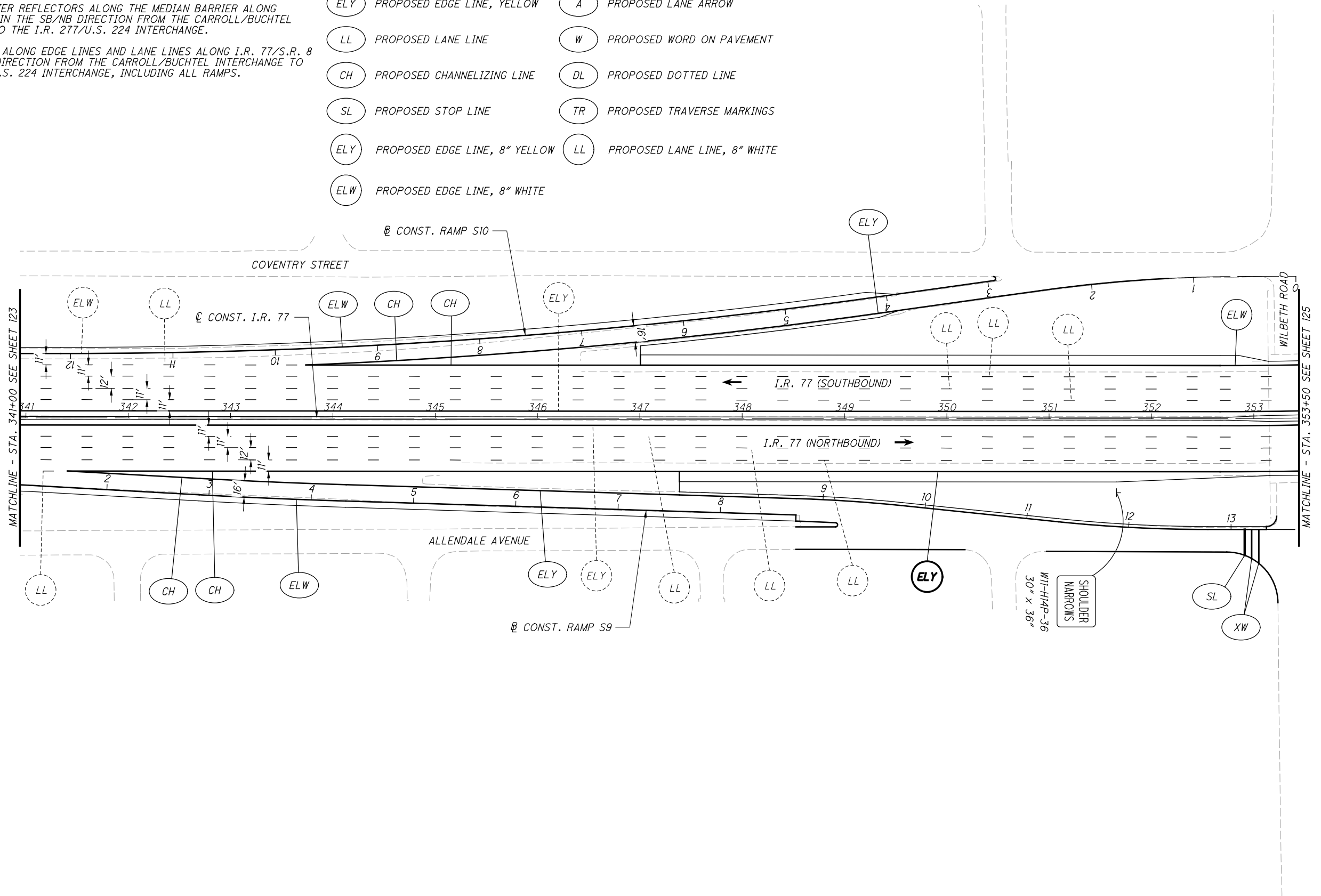
SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



0 50 100
   
 HORIZONTAL SCALE IN FEET
   
 CALCULATED MLL
   
 CHECKED JTJ

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 341+00 TO STA. 353+50**

SUM-76/77/8-  
 8.24/9.74/0.00

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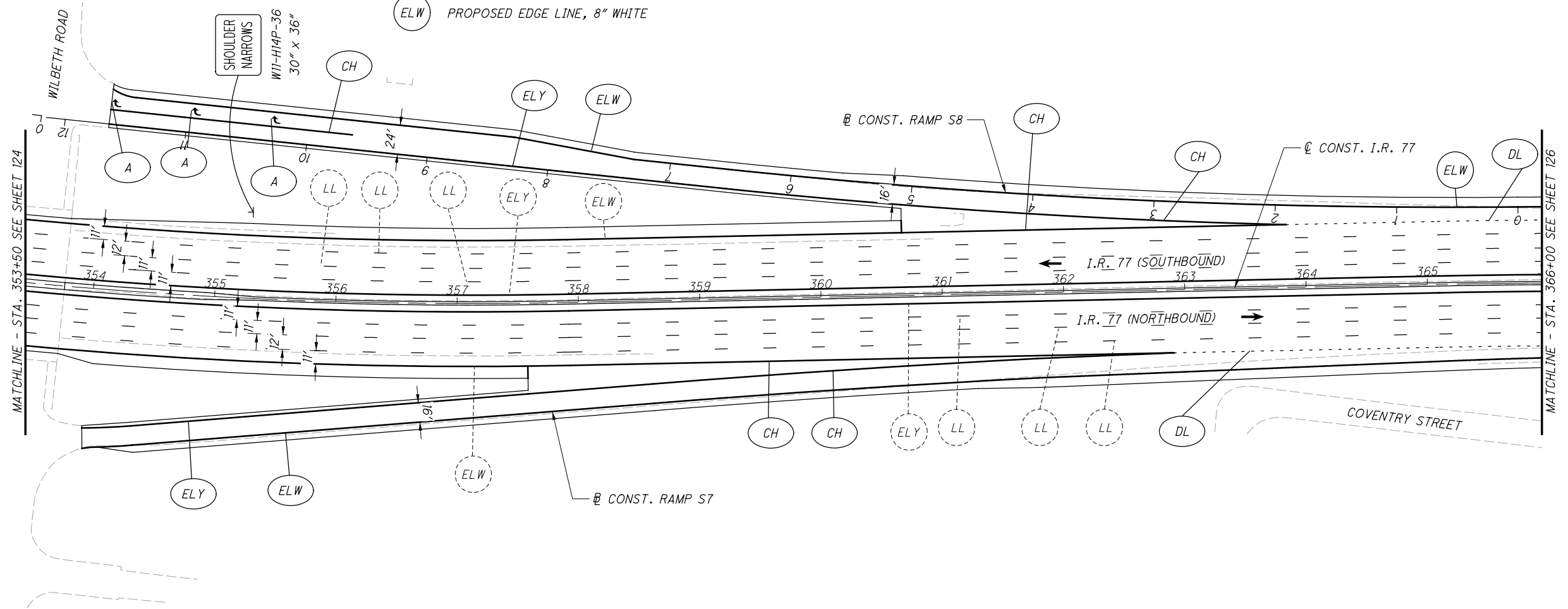


NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 353+50 TO STA. 366+00**

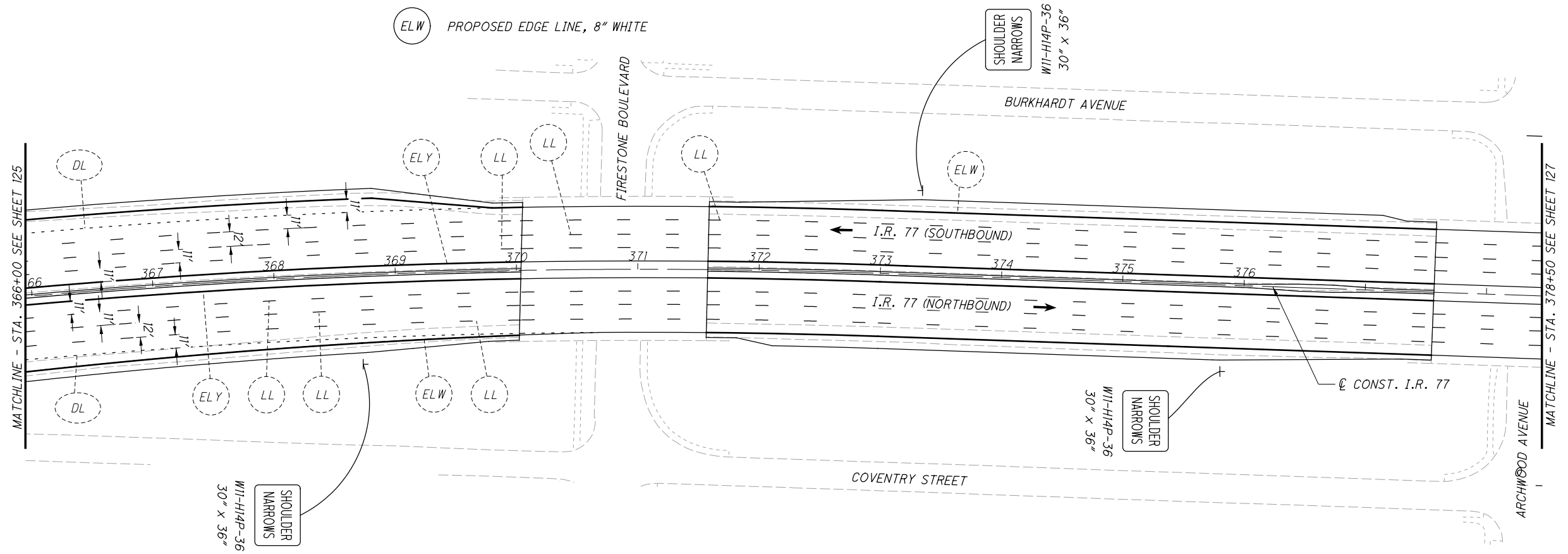
**SUM-76/77/8-**  
**8.24/9.74/0.00**

**NOTES:**

- PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
- FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
- PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
- PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |

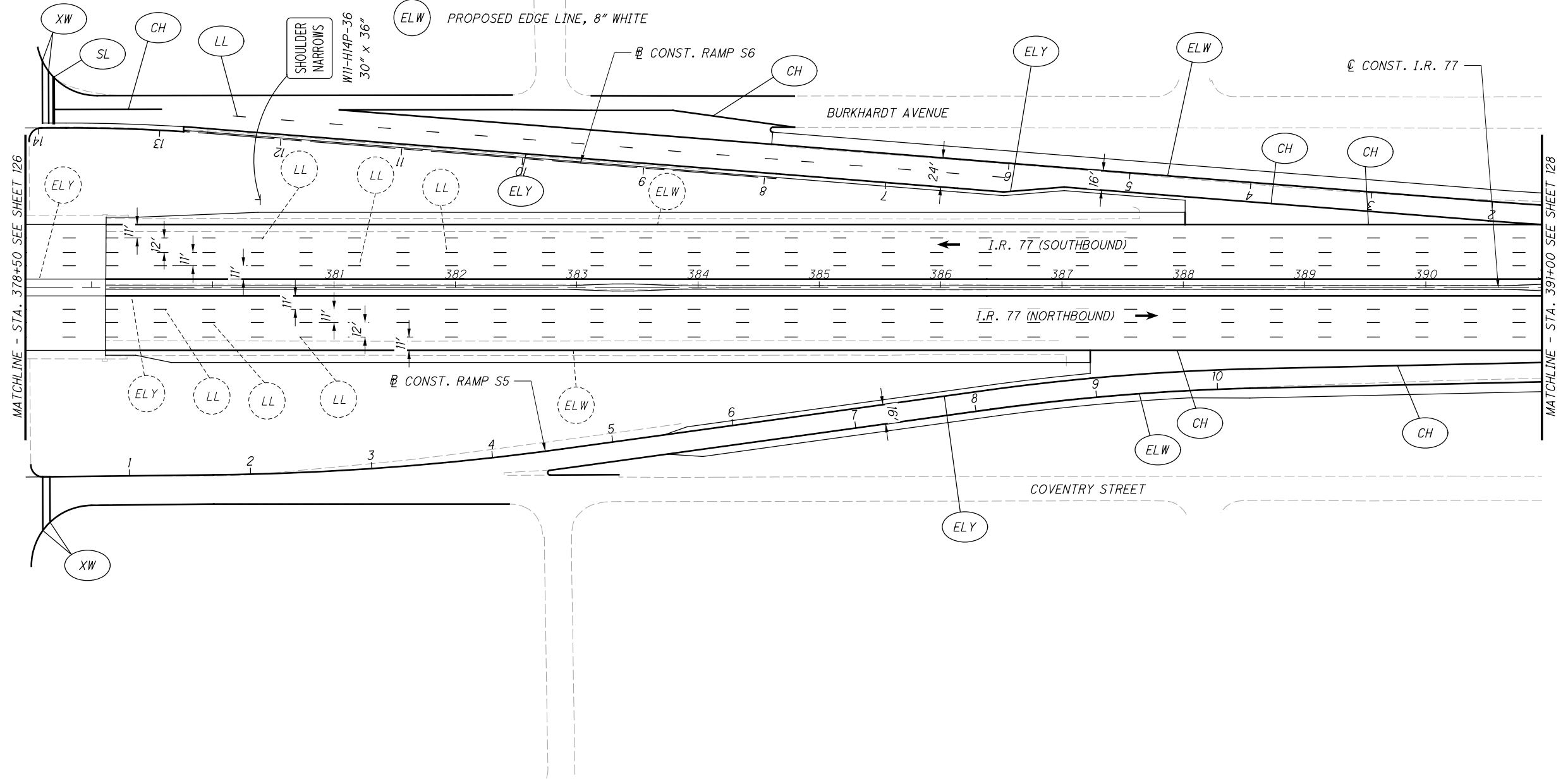


NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

TRAFFIC CONTROL PLAN - I.R. 77  
STA. 378+50 TO STA. 391+00

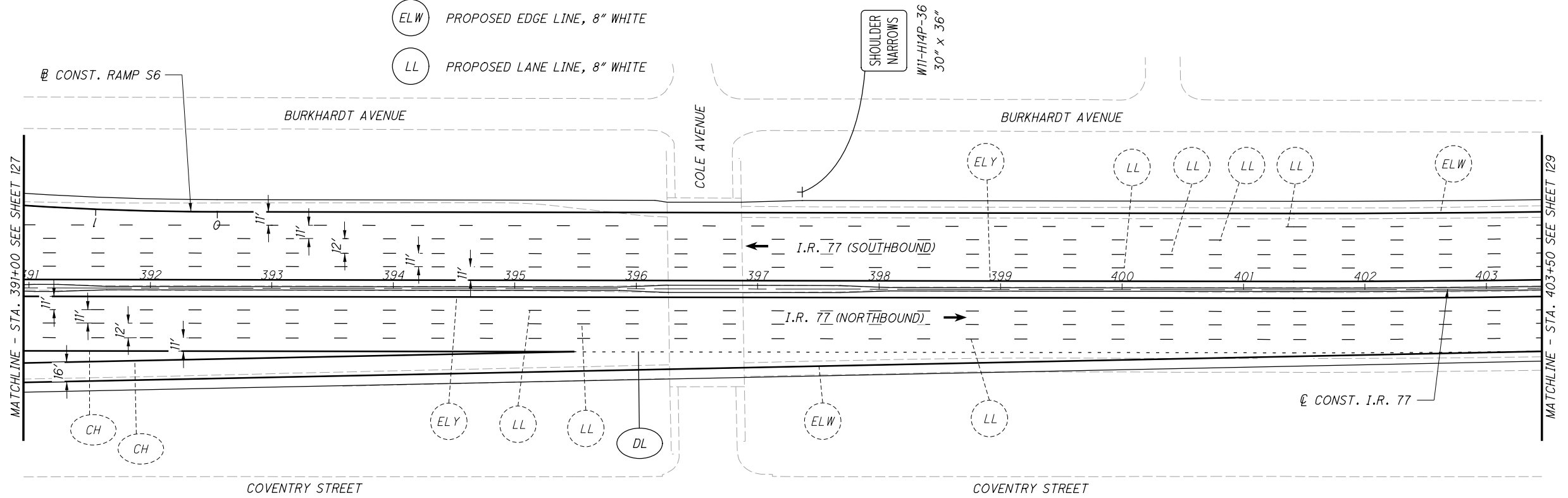
SUM-76 / 77 / 8-  
8.24 / 9.74 / 0.00

NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



0 50 100
   
 HORIZONTAL SCALE IN FEET
   
 CALCULATED MLL
   
 CHECKED JTJ

**TRAFFIC CONTROL PLAN - I.R. 77**  
**STA. 391+00 TO STA. 403+50**

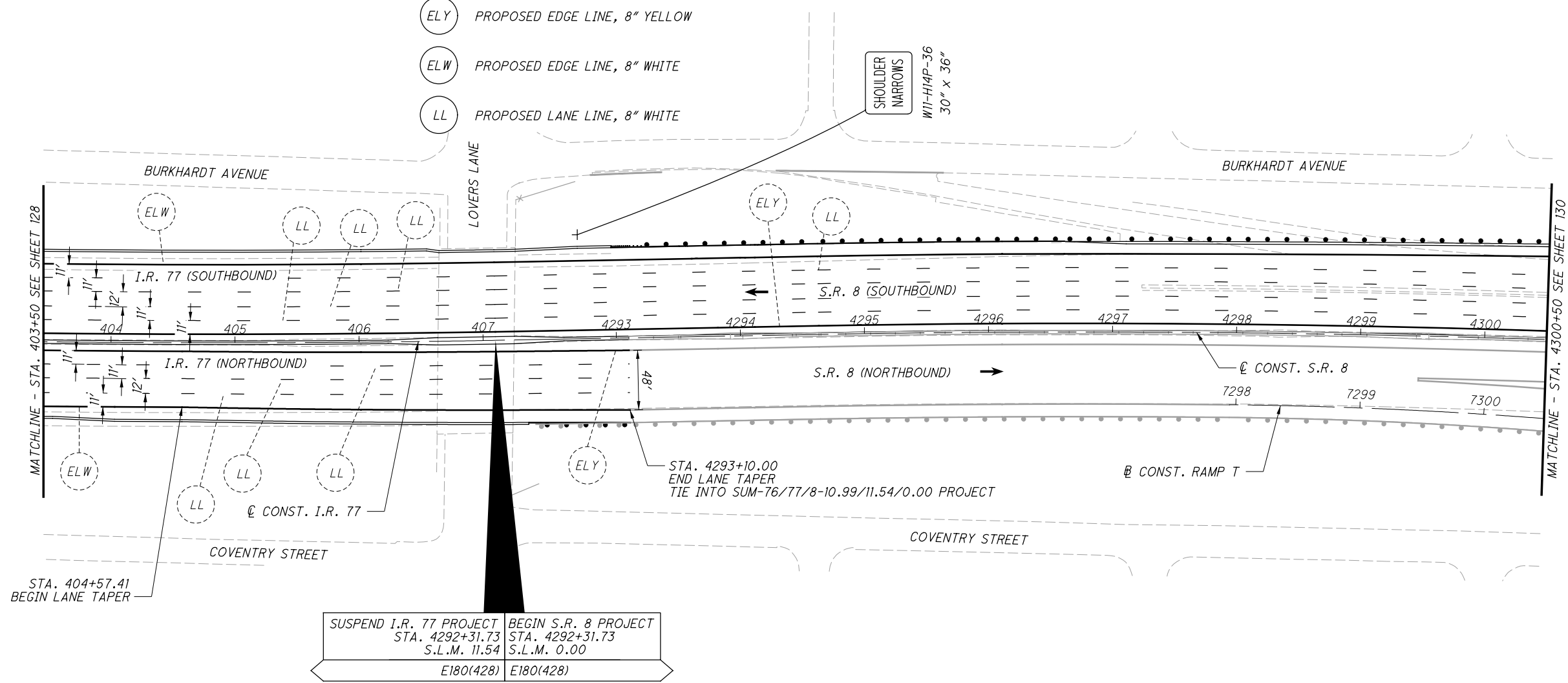
**SUM-76/77/8-**  
**8.24/9.74/0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.
5. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.

**LEGEND:**

- (ELW) PROPOSED EDGE LINE, WHITE
- (ELY) PROPOSED EDGE LINE, YELLOW
- (LL) PROPOSED LANE LINE
- (CH) PROPOSED CHANNELIZING LINE
- (SL) PROPOSED STOP LINE
- (ELY) PROPOSED EDGE LINE, 8" YELLOW
- (ELW) PROPOSED EDGE LINE, 8" WHITE
- (LL) PROPOSED LANE LINE, 8" WHITE
- (XW) PROPOSED CROSSWALK LINE
- (A) PROPOSED LANE ARROW
- (W) PROPOSED WORD ON PAVEMENT
- (DL) PROPOSED DOTTED LINE
- (TR) PROPOSED TRAVERSE MARKINGS



  
 HORIZONTAL SCALE IN FEET

CALCULATED: MLL  
 CHECKED: JTW  
**TRAFFIC CONTROL PLAN - I.R. 77 / S.R. 8**  
**STA. 403+50 TO STA. 4300+50**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

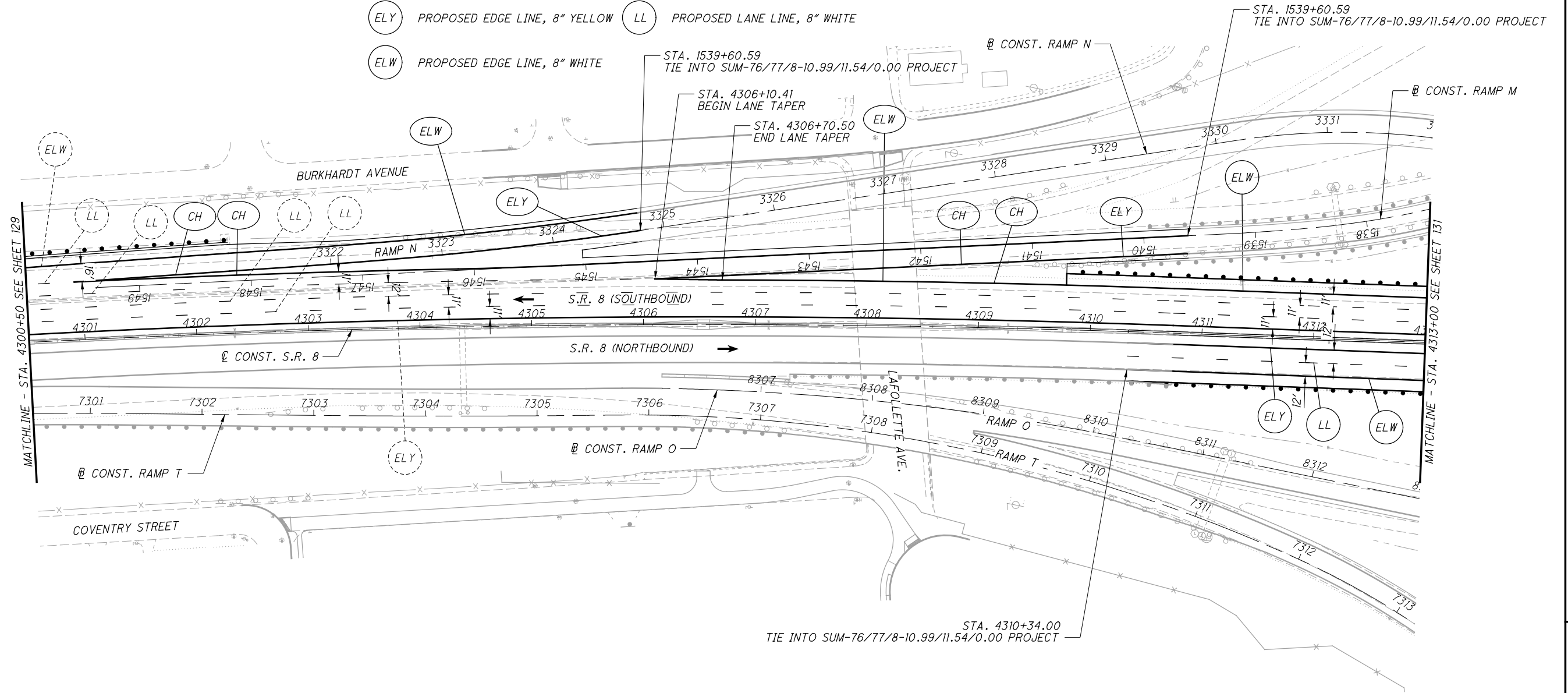
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**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.
5. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - S.R. 8**  
**STA. 4300+50 TO STA. 4313+00**

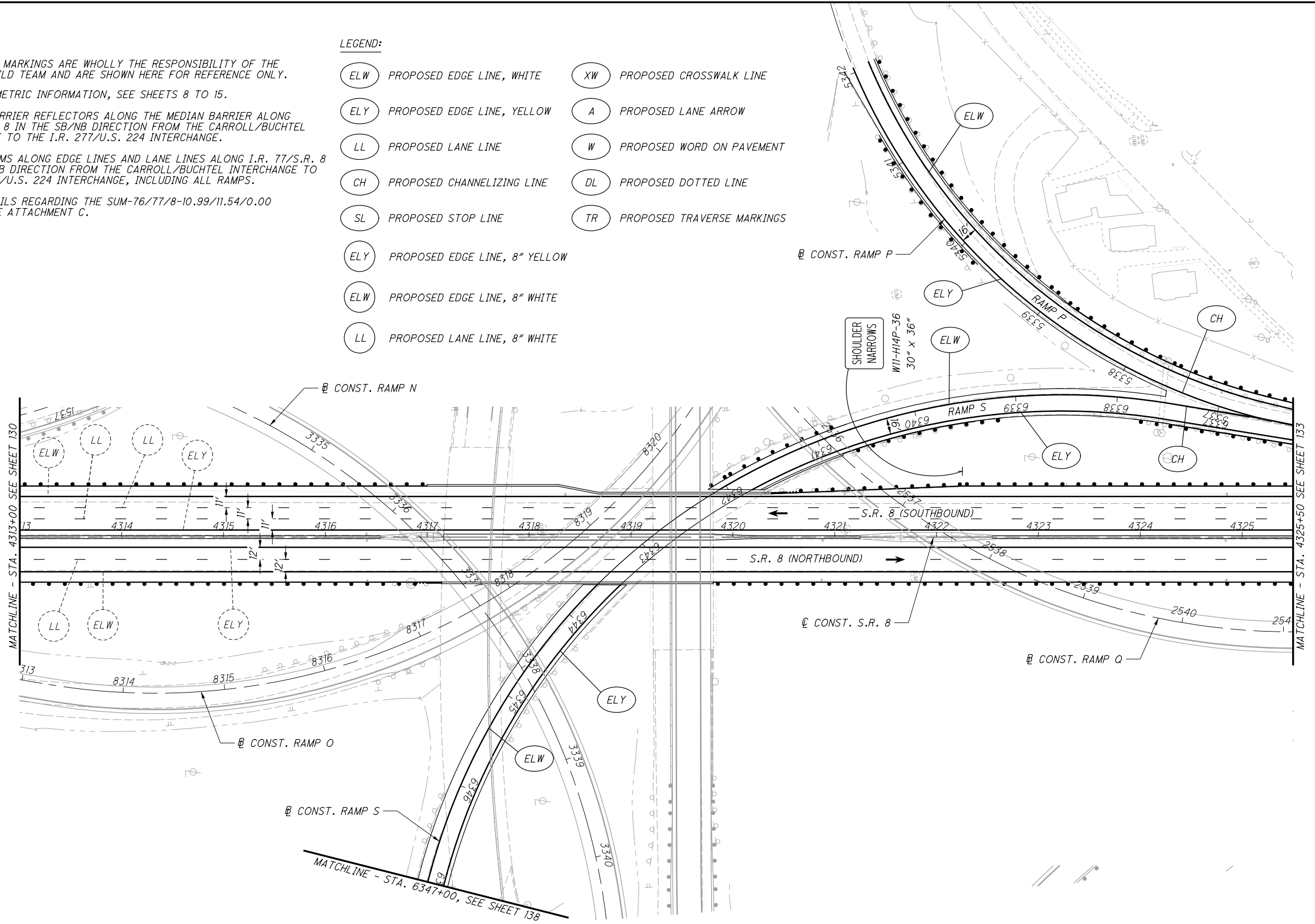
**SUM-76/77/8-**  
**8.24/9.74/0.00**

**NOTES:**

- PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
- FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
- PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
- PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.
- FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



CALCULATED MLL CHECKED JTJ

0 50 100  
25  
HORIZONTAL SCALE IN FEET

**TRAFFIC CONTROL PLAN - S.R. 8**  
**STA. 4313+00 TO STA. 4325+50**

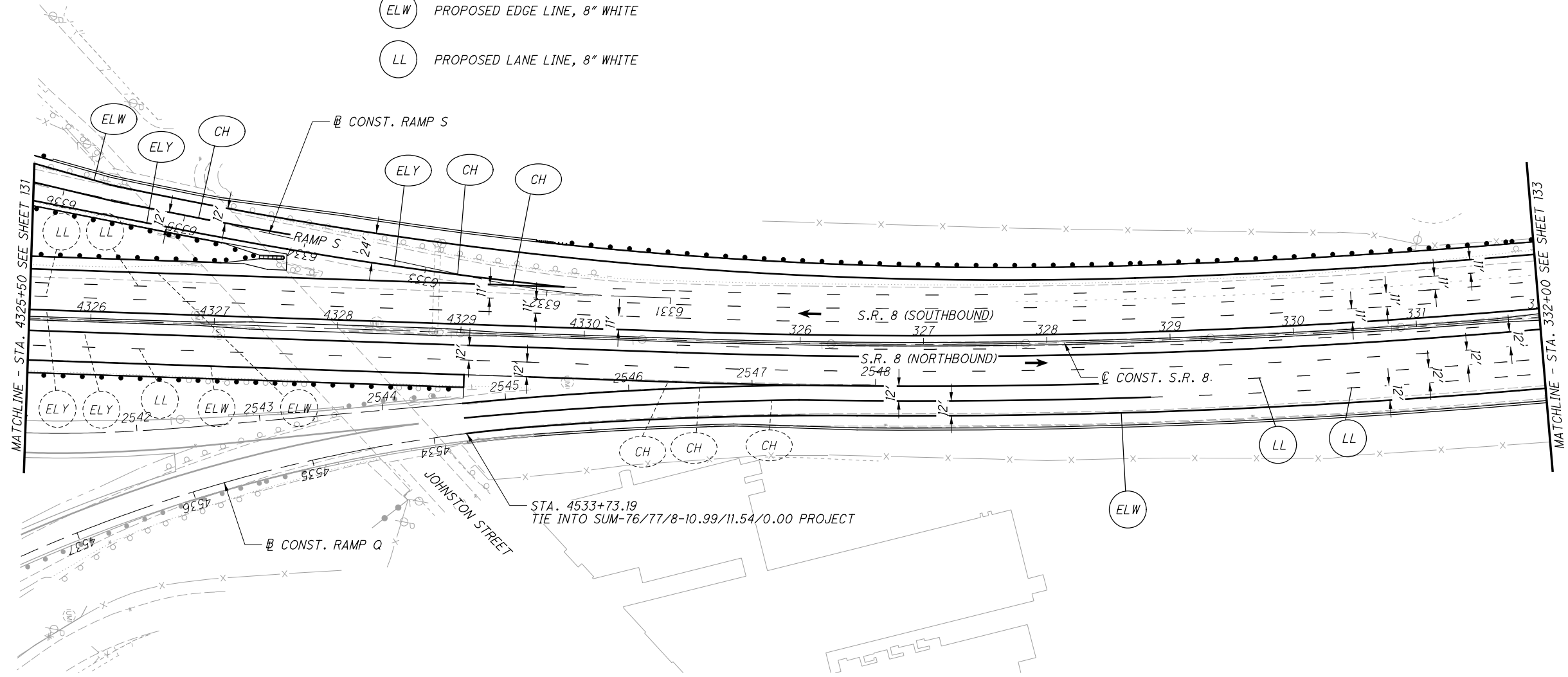
**SUM-76/77/8-**  
**8.24/9.74/0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.
5. FOR DETAILS REGARDING THE SUM-76/77/8-10.99/11.54/0.00 PROJECT SEE ATTACHMENT C.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - S.R. 8  
STA. 4325+50 TO STA. 332+00**

**SUM-76/77/8-  
8.24/9.74/0.00**

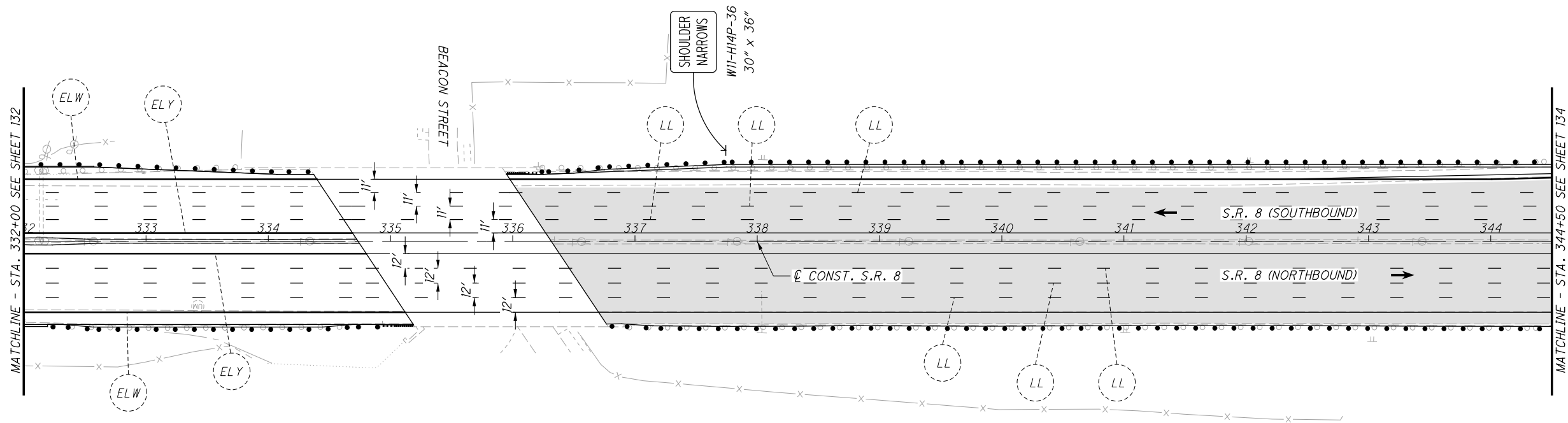


**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.

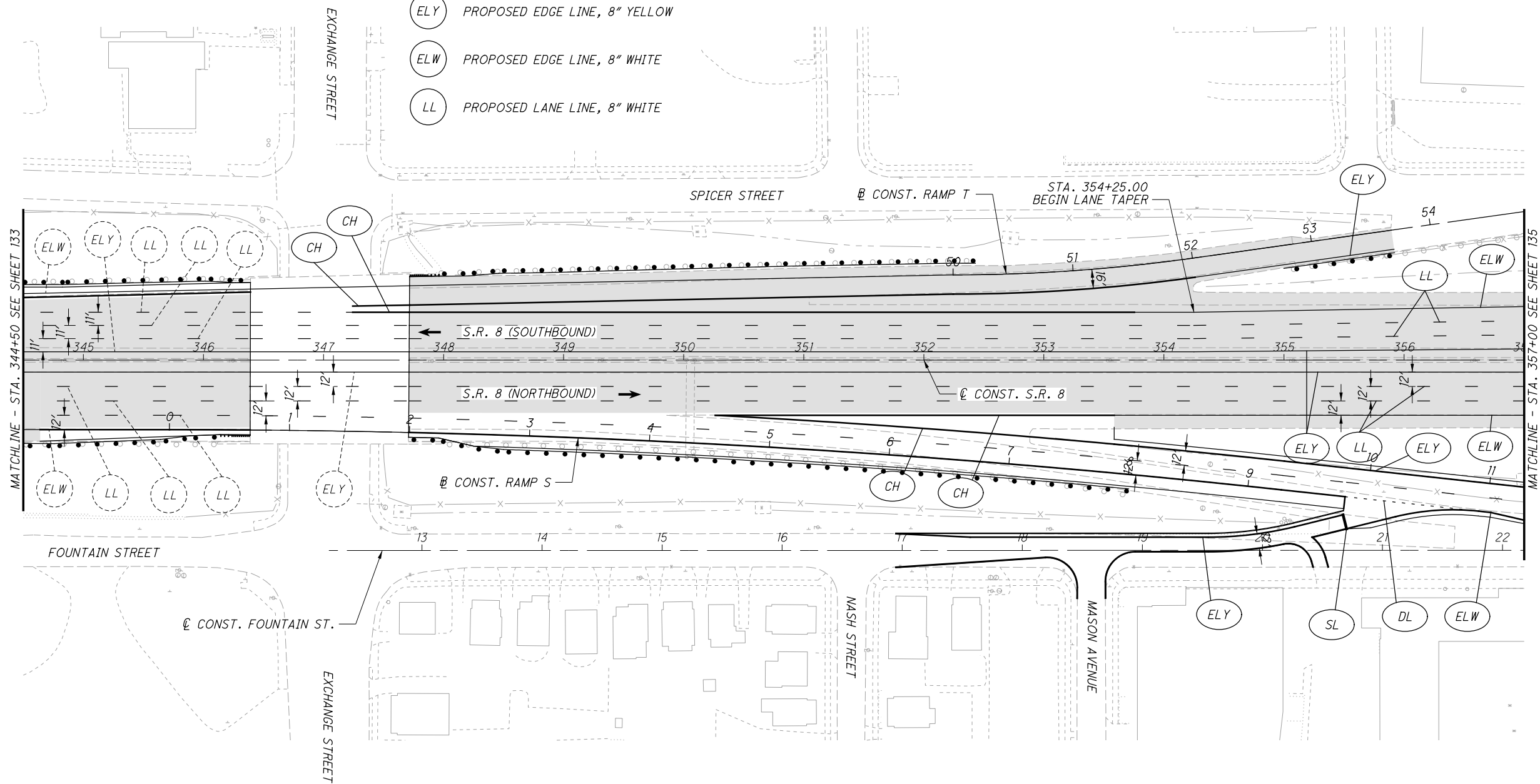
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.



3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.

4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |




  

  
 HORIZONTAL SCALE IN FEET

CALCULATED	MLL
CHECKED	JTW

**TRAFFIC CONTROL PLAN - S.R. 8**  
**STA. 344+50 TO STA. 357+00**

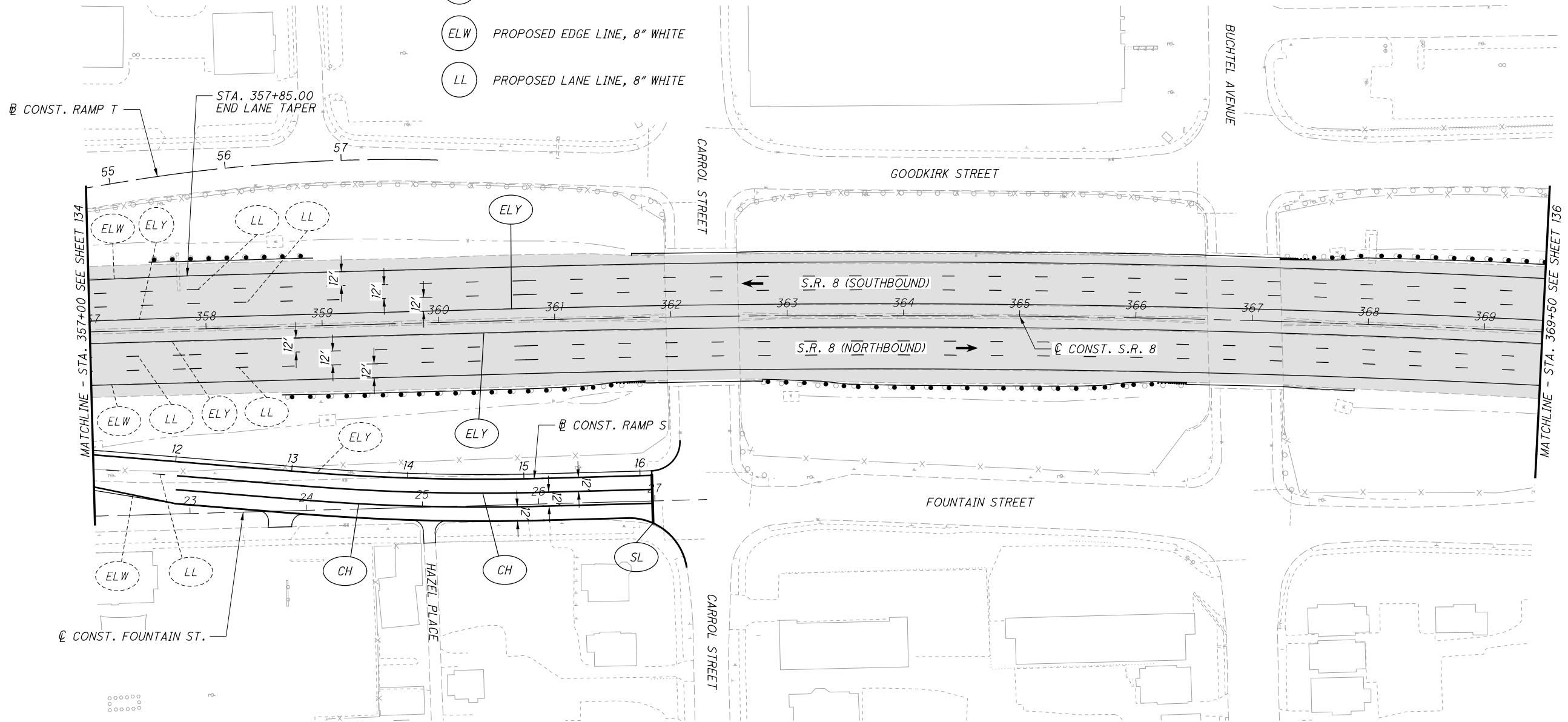
**SUM-76/77/8-**  
**8.24/9.74/0.00**

NOTES:

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

LEGEND:

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



CALCULATED  
MILL  
CHECKED  
JTJW

0 50 100  
HORIZONTAL  
SCALE IN FEET

TRAFFIC CONTROL PLAN - S.R. 8  
STA. 357+00 TO STA. 369+50

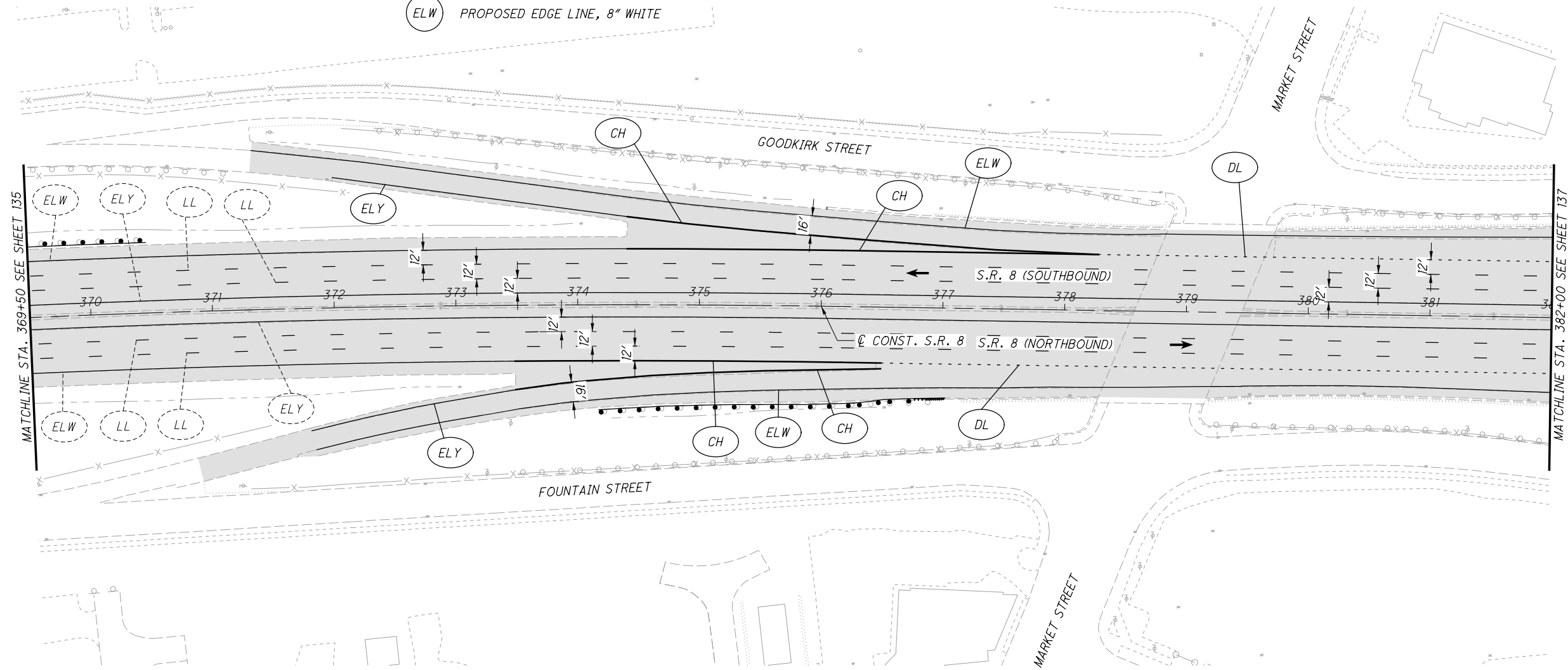
SUM-76/77/8-  
8.24/9.74/0.00

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |



CALCULATED  
MILL  
CHECKED  
JTJW

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - S.R. 8**  
**STA. 369+50 TO STA. 382+00**

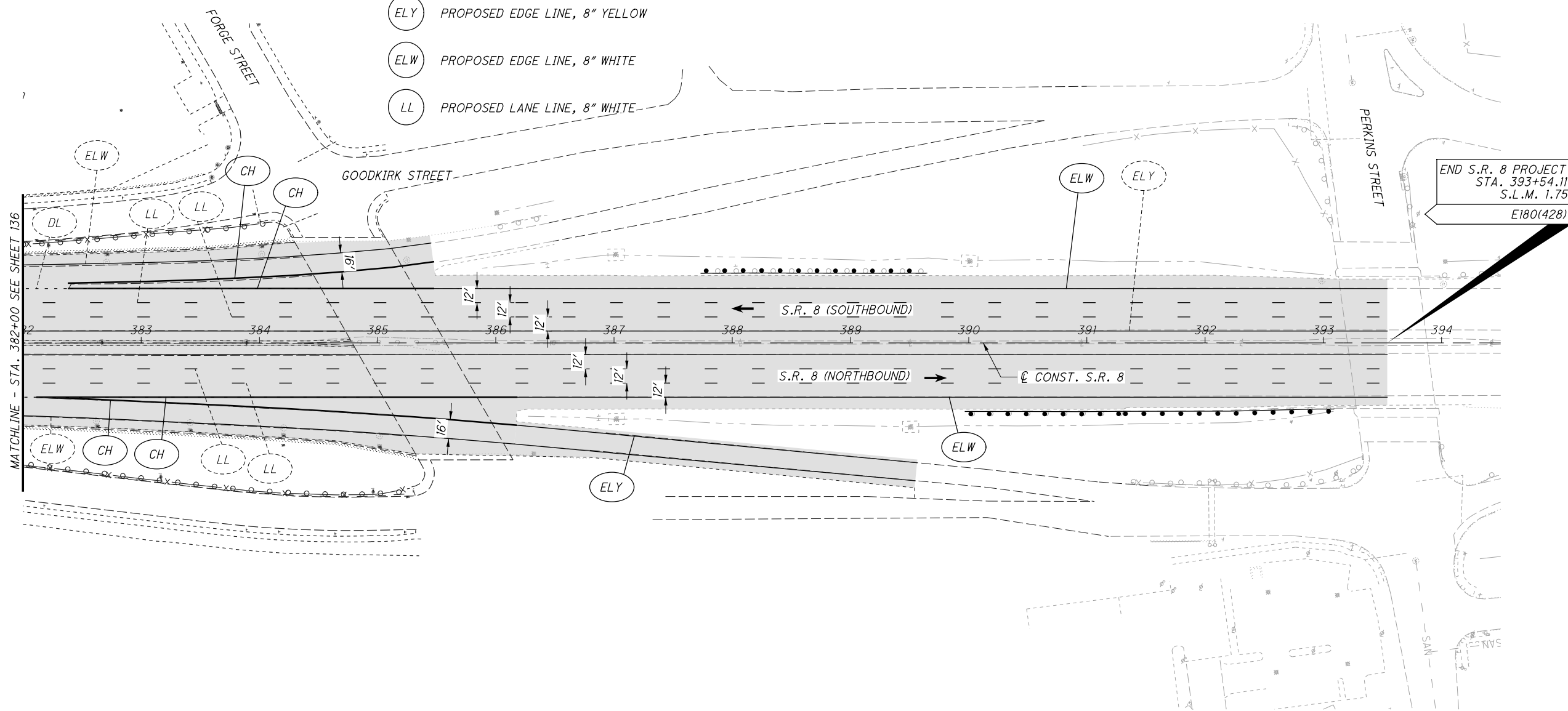
**SUM-76/77/8-**  
**8.24/9.74/0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMP.

**LEGEND:**

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE    |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW         |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT   |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE       |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW |                                 |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                 |
| (LL) PROPOSED LANE LINE, 8" WHITE   |                                 |



CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - S.R. 8**  
**STA. 382+00 TO END S.R. 8 PROJECT**

**SUM-76/77/8-**  
**8.24/9.74/0.00**

CALCULATED  
M.L.L.  
CHECKED  
J.T.W.

0 50 100  
HORIZONTAL  
SCALE IN FEET

**TRAFFIC CONTROL PLAN - RAMP S**  
**STA. 6347+00 TO END WORK**

**SUM-76 77 8-**  
**8.24 / 9.74 / 0.00**

**NOTES:**

1. PAVEMENT MARKINGS ARE WHOLLY THE RESPONSIBILITY OF THE DESIGN BUILD TEAM AND ARE SHOWN HERE FOR REFERENCE ONLY.
2. FOR GEOMETRIC INFORMATION, SEE SHEETS 8 TO 15.
3. PLACE BARRIER REFLECTORS ALONG THE MEDIAN BARRIER ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE.
4. PLACE RPMS ALONG EDGE LINES AND LANE LINES ALONG I.R. 77/S.R. 8 IN THE SB/NB DIRECTION FROM THE CARROLL/BUCHTEL INTERCHANGE TO THE I.R. 277/U.S. 224 INTERCHANGE, INCLUDING ALL RAMPS.

**LEGEND:**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| (ELW) PROPOSED EDGE LINE, WHITE     | (XW) PROPOSED CROSSWALK LINE      |
| (ELY) PROPOSED EDGE LINE, YELLOW    | (A) PROPOSED LANE ARROW           |
| (LL) PROPOSED LANE LINE             | (W) PROPOSED WORD ON PAVEMENT     |
| (CH) PROPOSED CHANNELIZING LINE     | (DL) PROPOSED DOTTED LINE         |
| (SL) PROPOSED STOP LINE             | (TR) PROPOSED TRAVERSE MARKINGS   |
| (ELY) PROPOSED EDGE LINE, 8" YELLOW | (LL) PROPOSED LANE LINE, 8" WHITE |
| (ELW) PROPOSED EDGE LINE, 8" WHITE  |                                   |

