

EAU

JUNE 2021

PROJECT ID:

7640-00-72

COUNTY:

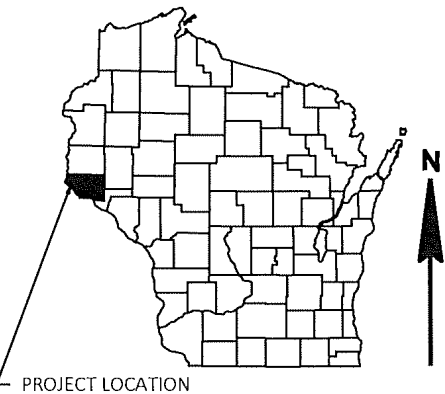
PIERCE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plans
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Gross Sections

TOTAL SHEETS = 128

25



DESIGN DESIGNATION

A.A.D.T.	(2021)	=	5,100
A.A.D.T.	(2041)	=	6,100
D.H.V.		=	10.9
D.D.		=	59/41
T.		=	8.5%
DESIGN SPEED		=	35 MPH
ESALS		=	947,100

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C. RIVER FALLS, CEMETERY ROAD

SOUTH MAIN STREET TO STH 65

STH 29

PIERCE

STATE PROJECT NUMBER
7640-00-72

BEGIN PROJECT 7640-00-72

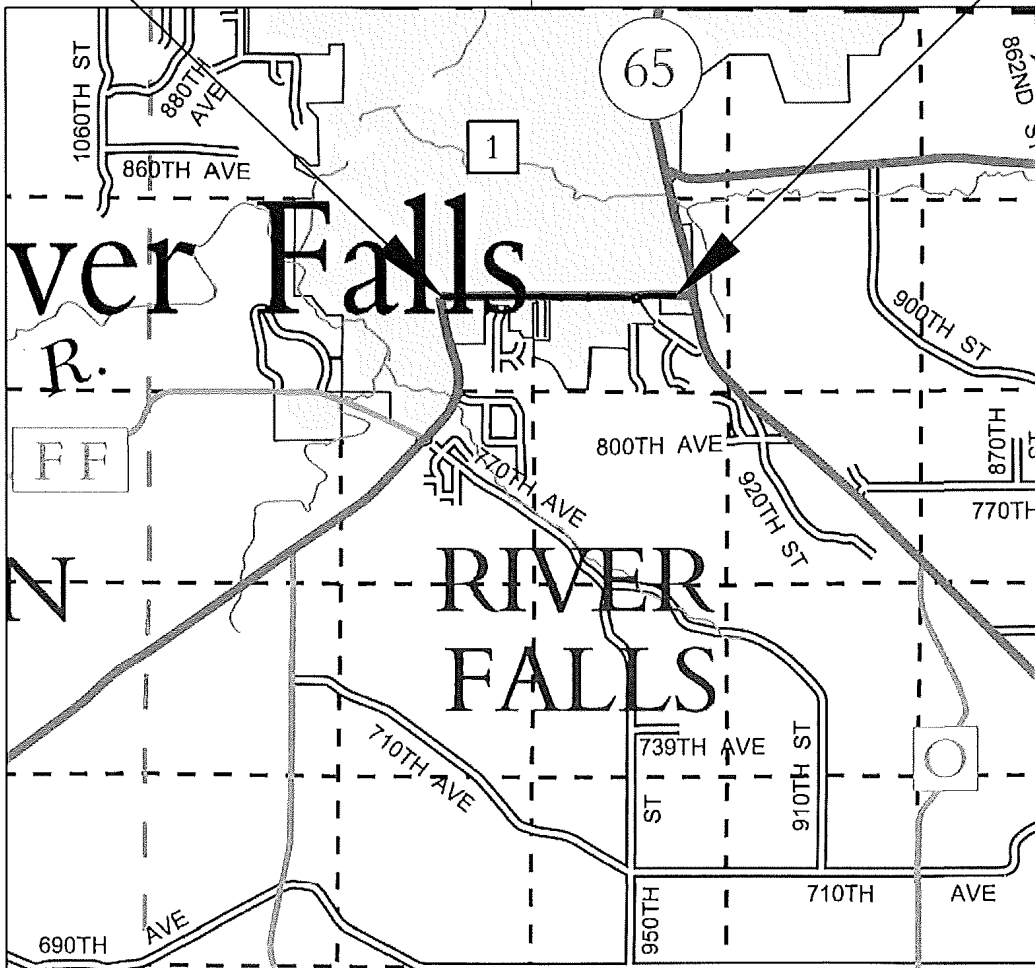
STA 587+90.00

Y=357,130.879

X=445,921.944

END PROJECT 7640-00-72

STA 652+50.00



LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.223 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, PIERCE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD 88).

STATE PROJECT

7640-00-72

FEDERAL PROJECT

PROJECT

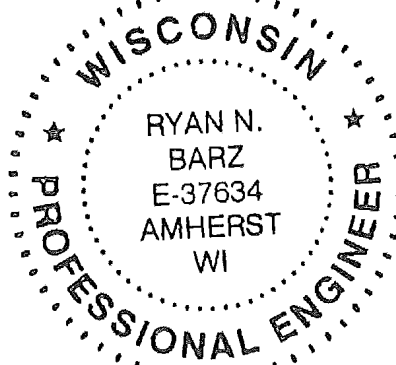
WISC 2021374

CONTRACT

1

ORIGINAL PLANS PREPARED BY

AECOM



10/23/20

(Date)

Ryan Barz

(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	AECOM
Project Manager	MOHAMAD HAYEK, P.E.
Regional Examiner	JENNIFER OLDENBURG
Regional Supervisor	DAVID KOEPP, PE

APPROVED FOR THE DEPARTMENT

DATE 10/28/2020 [Signature]

E

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS, AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

WHEN THE QUANTITY OF THE ITEM OF BASE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON. THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER.

REMOVAL LIMITS FOR CURB & GUTTER AND SIDEWALK ARE APPROXIMATE. ACTUAL LIMITS TO BE FIELD VERIFIED BY THE ENGINEER.

ALL RADIUS DIMENSIONS ON THE PLAN FOR CURB & GUTTER ARE TO THE FLANGE LINE, UNLESS OTHERWISE NOTED.

ALL ELEVATIONS ON THE PLAN FOR CURB & GUTTER ARE TO THE FLANGE LINE, UNLESS OTHERWISE NOTED.

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UTILITY CONTACTS

COMMUNICATIONS

AT&T WISCONSIN
RICK PODOLAK
304 S DEWEY STREET
EAU CLAIRE, WI 54701
(715)839-5565 (OFFICE)
(715)410-0656 (CELL)
RP4514@ATT.COM

BALDWIN TELECOM, INC.
MATT KNEGENDORF
930 MAPLE STREET
BALDWIN, WI 54002
(715)688-1034 (OFFICE)
(715)760-0968 (CELL)
MKNEGENDORF@LSWI.NET

CENTURYLINK
KYLE SCHLAMPP
20 S. WILSON AVENUE
RICE LAKE, WI 54868
(715)475-2029 (OFFICE)
(715)292-0082 (CELL)
KYLE.SCHLAMPP@CENTURYLINK.COM

COMCAST
BEN UELAND
4255 LEXINGTON AVENUE N.
SUITE 100
ARDEN HILLS, MN 55126
(651)493-5158 (OFFICE)
(612)462-7911 (CELL)
BENJAMIN_UELAND@COMCAST.COM

RIVER FALLS SCHOOL DISTRICT
BRIAN DADO
852 E. DIVISION STREET
RIVER FALLS, WI 5422
(715)425-1800 EXT. 1105 (OFFICE)
(715)338-5560 (CELL)
BRIAN.DADO@RFSD.K12.WI.US

ELECTRIC
RIVER FALLS MUNICIPAL UTILITY
WAYNE SIVERLING
222 LEWIS STREET
RIVER FALLS, WI 54022
(715)426-3480 (OFFICE)
(715)495-6317 (CELL)
WSIVERLING@RFCITY.ORG

GAS
ST. CROIX GAS
GREG LEE
415 S. SECOND STREET
RIVER FALLS, WI 54022
(715)425-6177 (OFFICE)
(715)760-5038 (CELL)
24 HR EMERGENCY CONTACTS:
GREG LEE - (715)760-5038
MARK HAUENSTEIN - (715)760-5182

SANITARY SEWER & WATER

RIVER FALLS MUNICIPAL UTILITY
RON GROTH
222 LEWIS STREET
RIVER FALLS, WI 54022
(715)426-3428 (OFFICE)
RGROTH@RFCITY.ORG

STORM SEWER

CITY OF RIVER FALLS
ZACH REGNIER
222 LEWIS STREET
RIVER FALLS, WI 54022
(715)426-3457 (OFFICE)
ZREGNIER@RFCITY.ORG

DIGGERS



Dial **811** or (800)242-8511

www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP- TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE- TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT				.70 - .95								
CONCRETE				.80 - .95								
BRICK				.70 - .80								
DRIVES, WALKS				.75 - .85								
ROOFS				.75 - .95								
GRAVEL ROADS, SHOULDERS				.40 - .60								

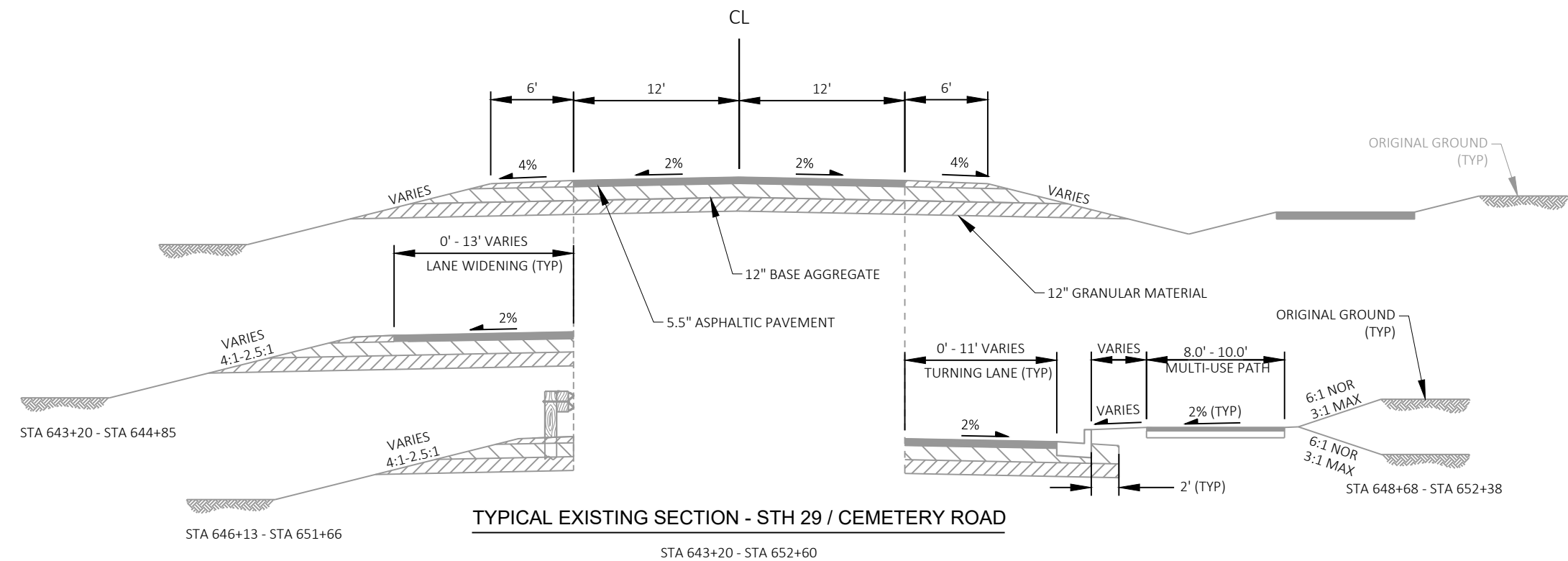
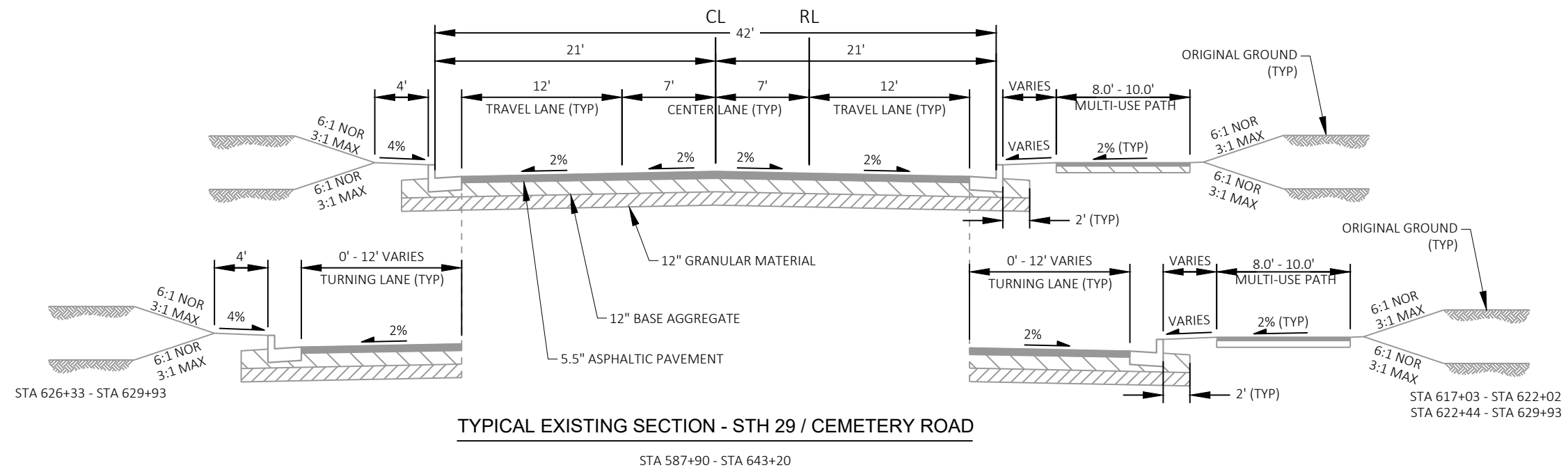
TOTAL PROJECT AREA = 13.079 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.322 ACRES

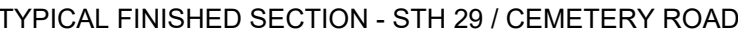
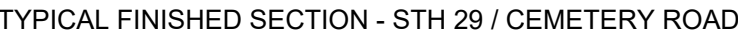
WDNR CONTACT

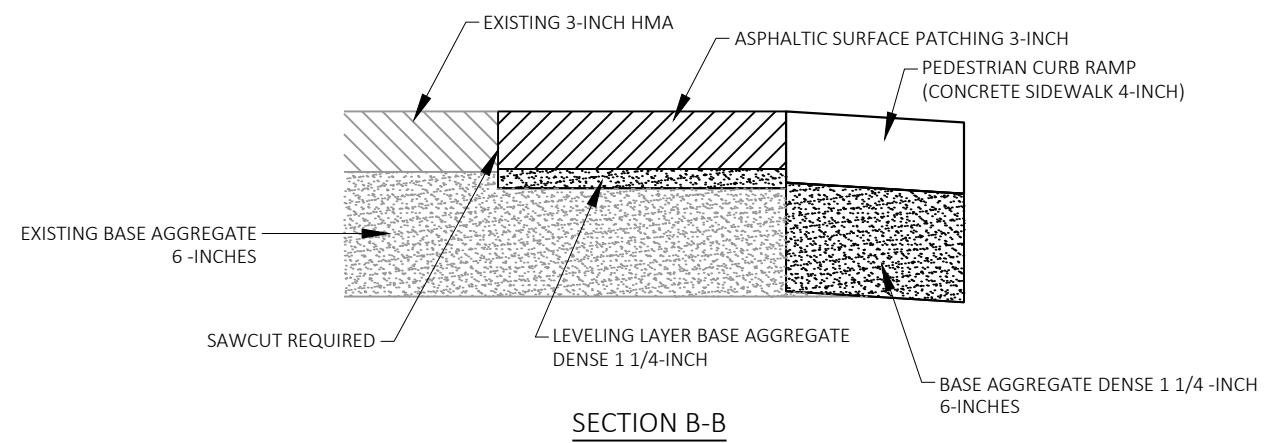
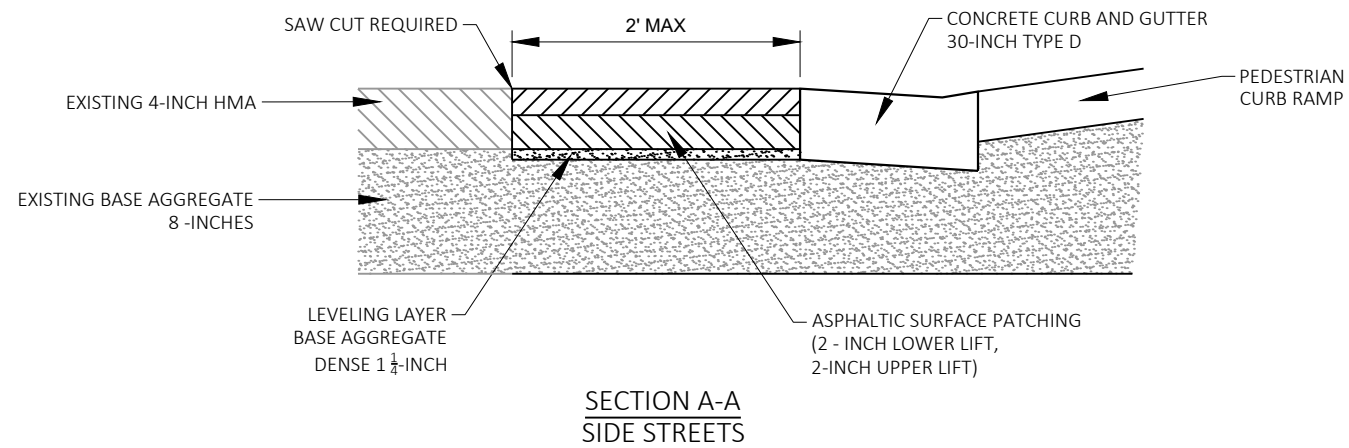
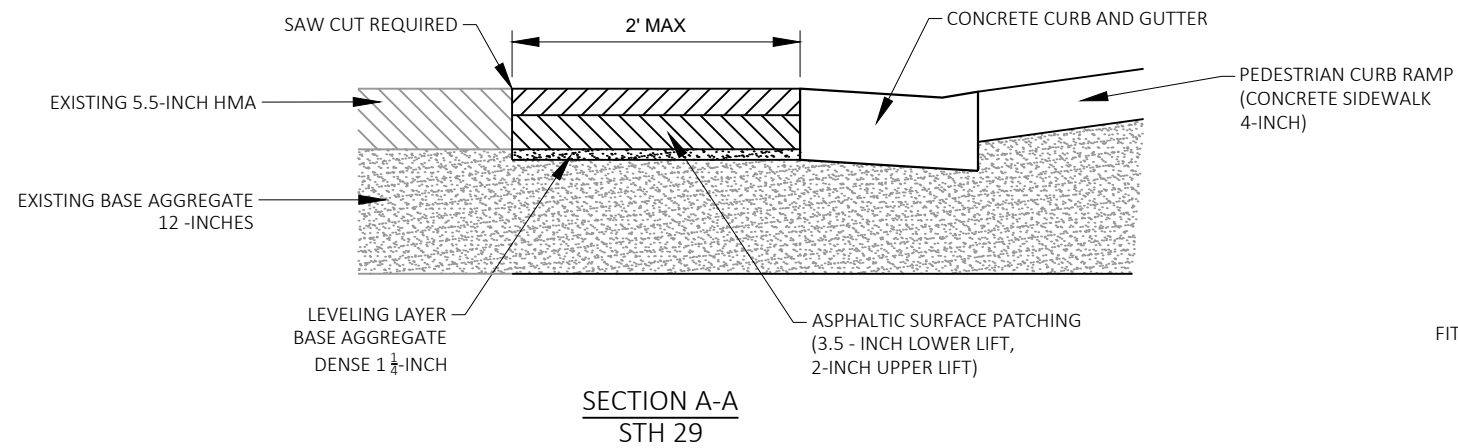
WDNR
AMY LESIK
1300 CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-836-6571
AMYL.LESIK@WISCONSIN.GOV



PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	PROJECT OVERVIEW	SHEET	E
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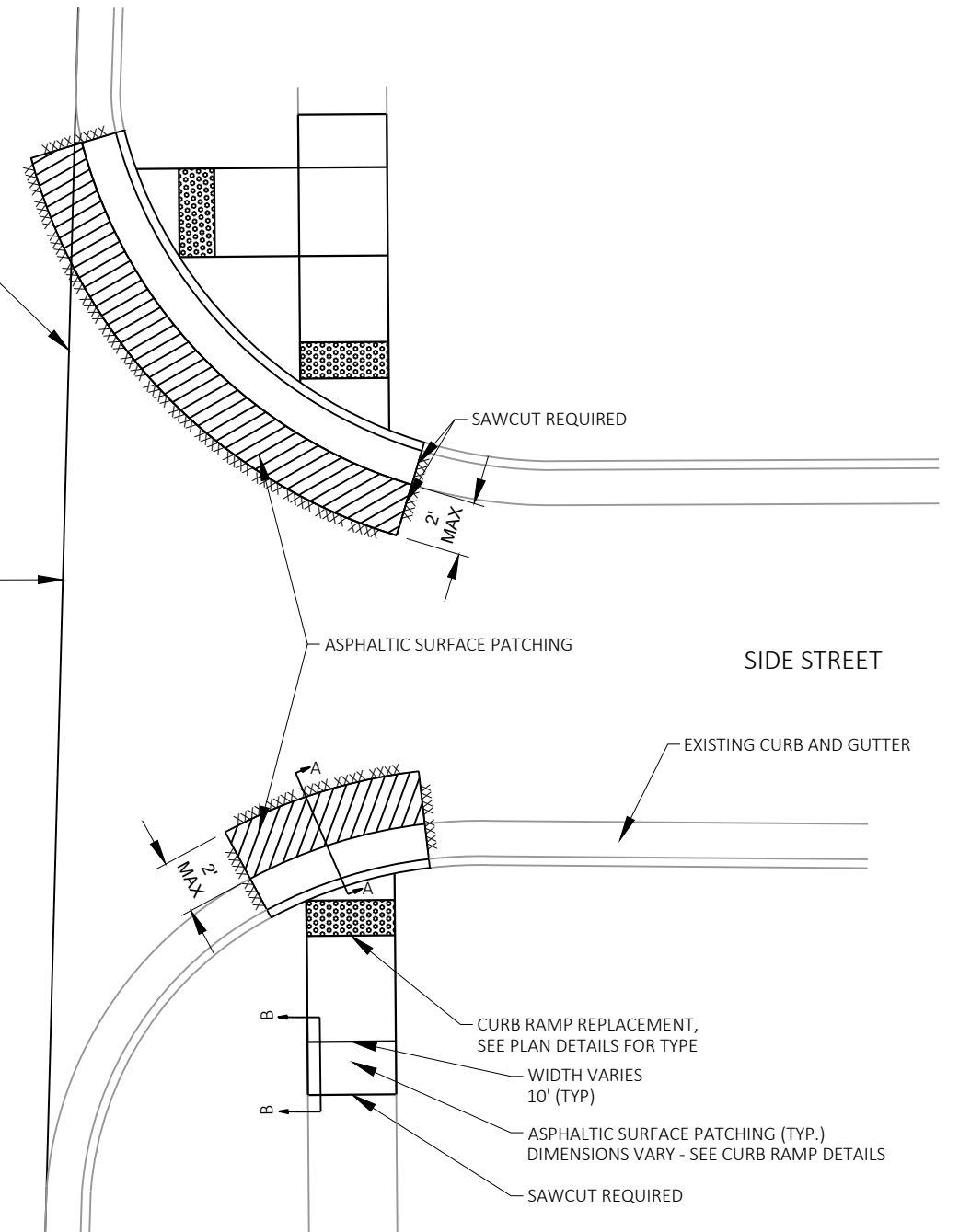
PAVEMENT REPLACEMENT AT CURB RAMP REPLACEMENTS

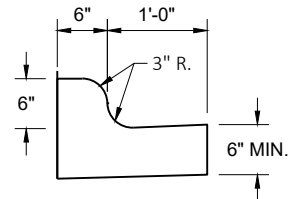
PAVEMENT REPLACEMENT, AS DIRECTED BY THE ENGINEER IN THE FIELD

WIDTH VARIES BY LOCATION,
FIT TO FIELD CONDITIONS WHERE APPROPRIATE

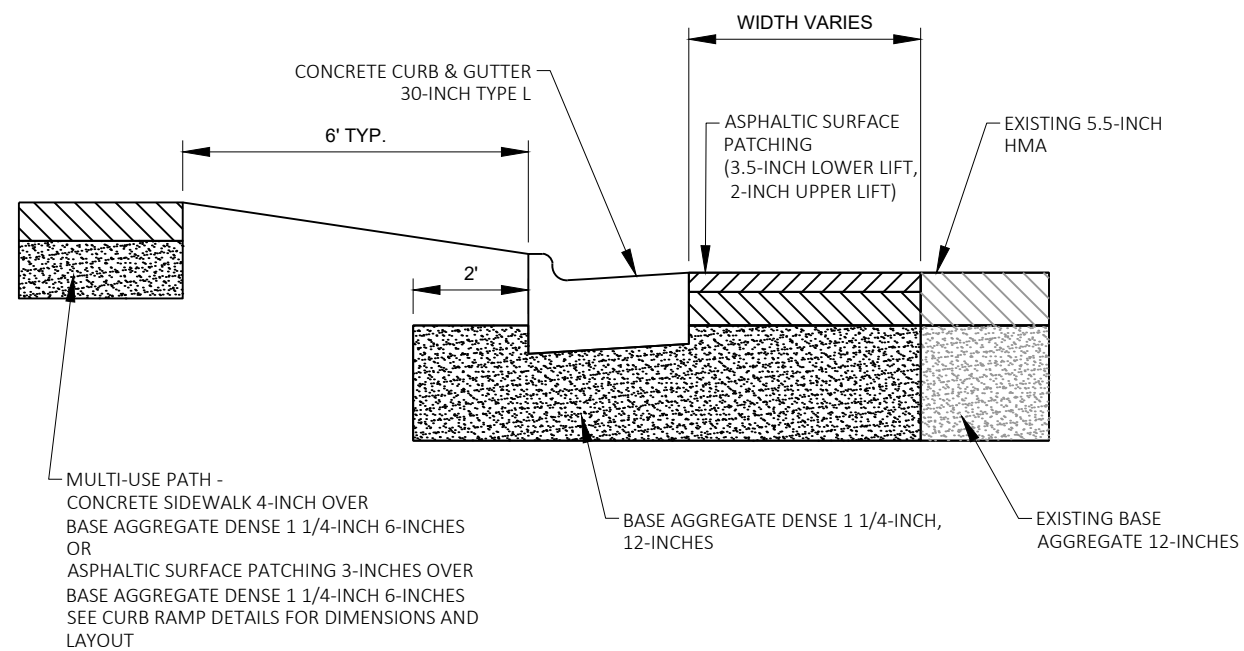
MAINLINE MILLING LIMITS

STH 29 / CEMETERY RD

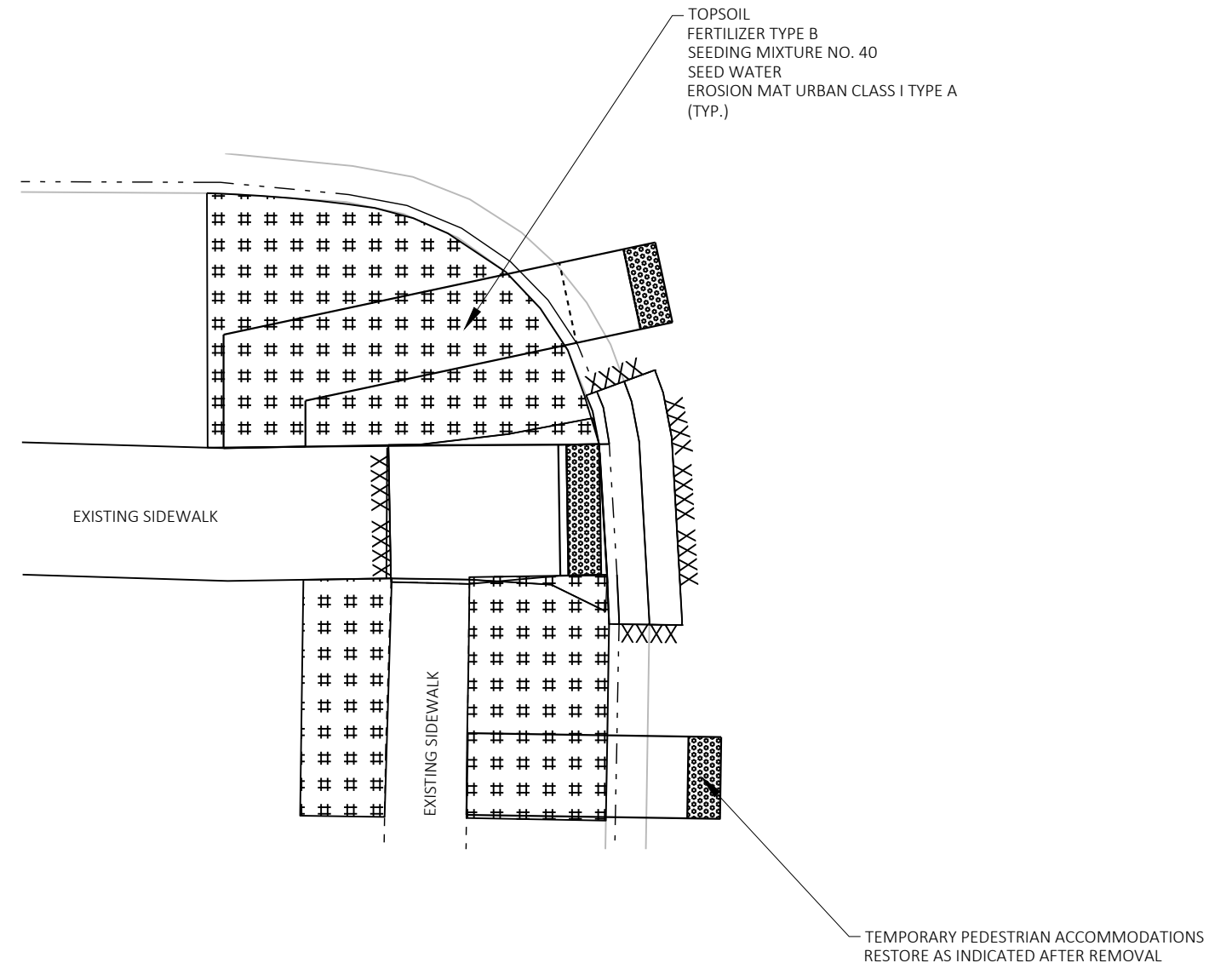




CONCRETE CURB AND GUTTER 18" TYPE L

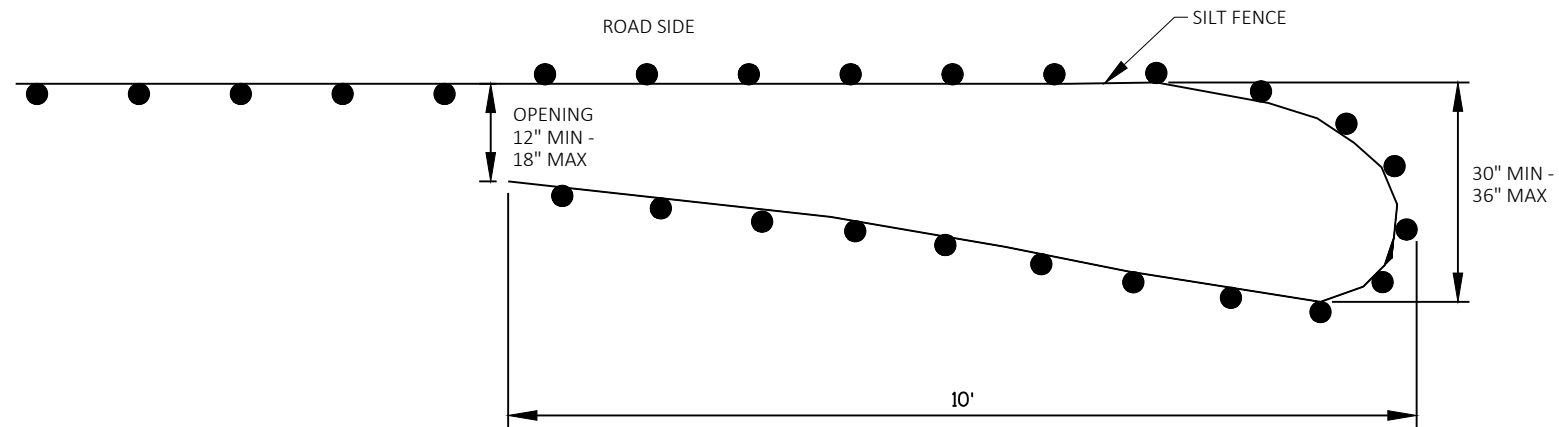


PAVEMENT REPLACEMENT AT CURB REPLACEMENTS WITHIN ROUNDABOUT



EROSION CONTROL AT CURB RAMP REPLACEMENTS

EROSION CONTROL, AS DIRECTED BY THE ENGINEER IN THE FIELD



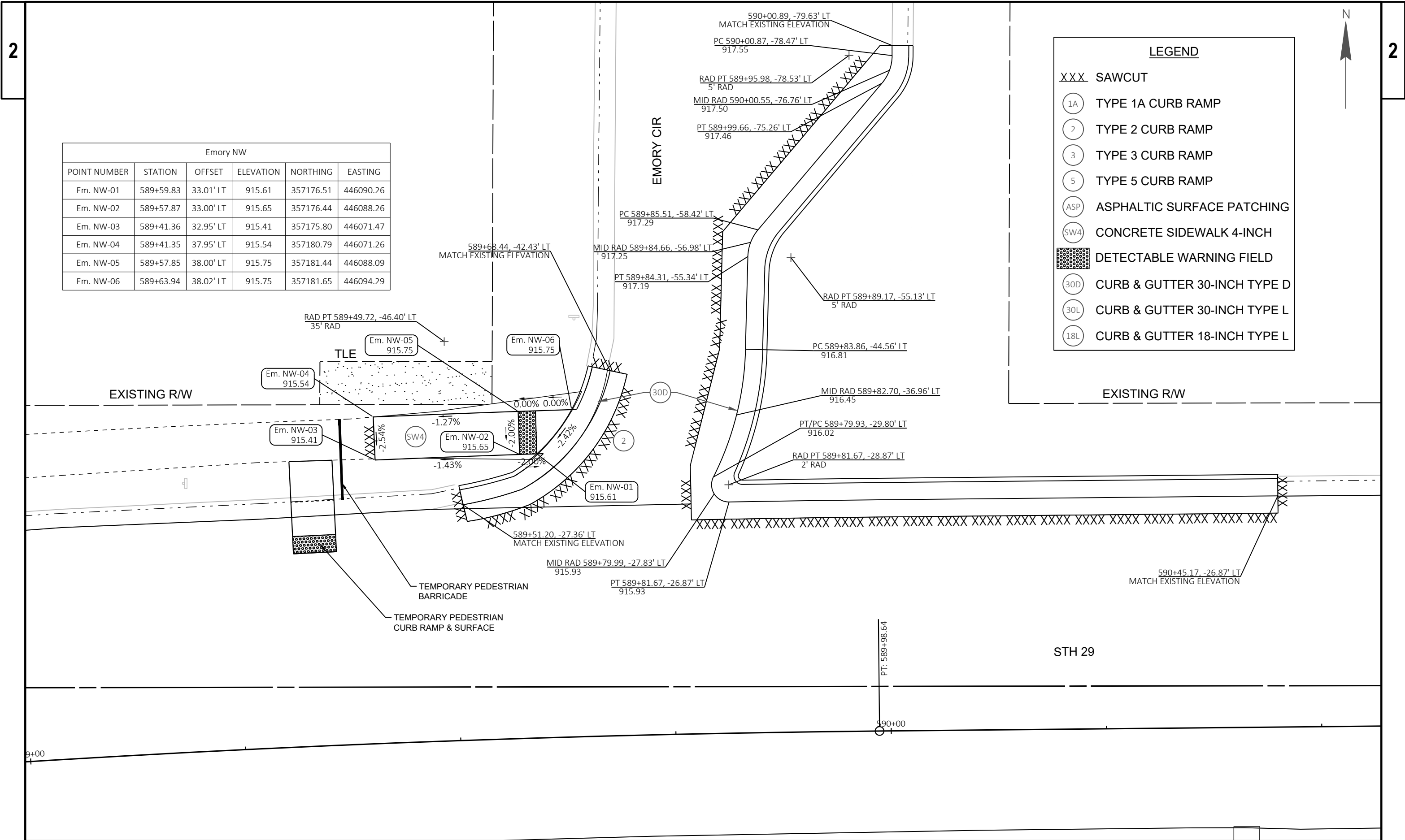
PLAN VIEW

GENERAL NOTES:
SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE
TURN-AROUND. AND TRENCHED IN ACCORDING TO SILT FENCE REQUIREMENTS.

SEE PLANS FOR SILT FENCE LOCATIONS. INSTALL TURN-AROUND AT END OF SHOWN FENCING.

ROADSIDE OFFSETS DEPENDENT ON LOCATION.

TEMPORARY SMALL ANIMAL TURN-AROUND



Emory NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
Em. NW-01	589+59.83	33.01' LT	915.61	357176.51	446090.26
Em. NW-02	589+57.87	33.00' LT	915.65	357176.44	446088.26
Em. NW-03	589+41.36	32.95' LT	915.41	357175.80	446071.47
Em. NW-04	589+41.35	37.95' LT	915.54	357180.79	446071.26
Em. NW-05	589+57.85	38.00' LT	915.75	357181.44	446088.09
Em. NW-06	589+63.94	38.02' LT	915.75	357181.65	446094.29

LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

CURB & GUTTER 30-INCH TYPE D

30L

CURB & GUTTER 30-INCH TYPE L

18L

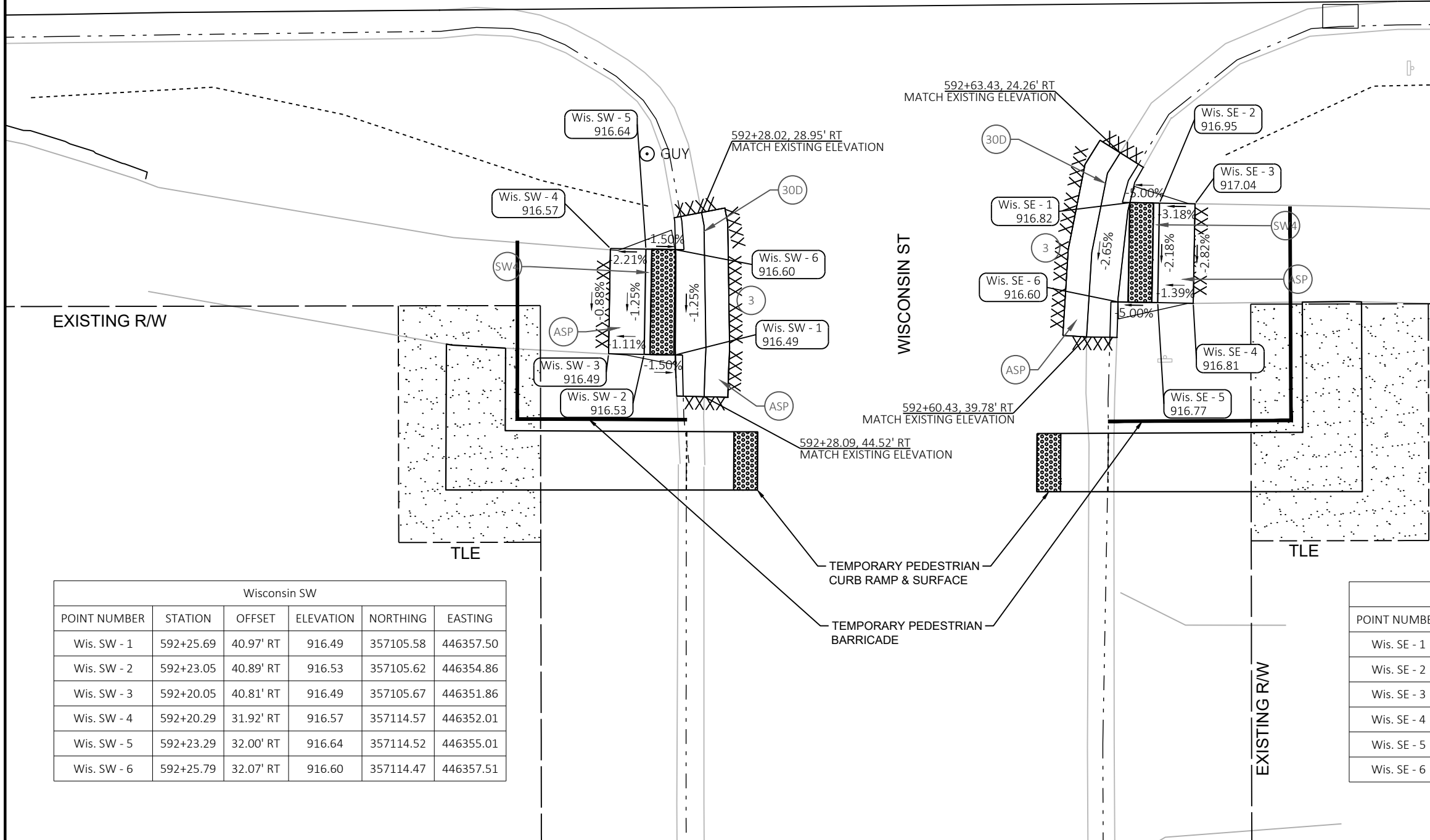
CURB & GUTTER 18-INCH TYPE L

STH 29



592+00

593+00



LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

CURB & GUTTER 30-INCH TYPE D

30L

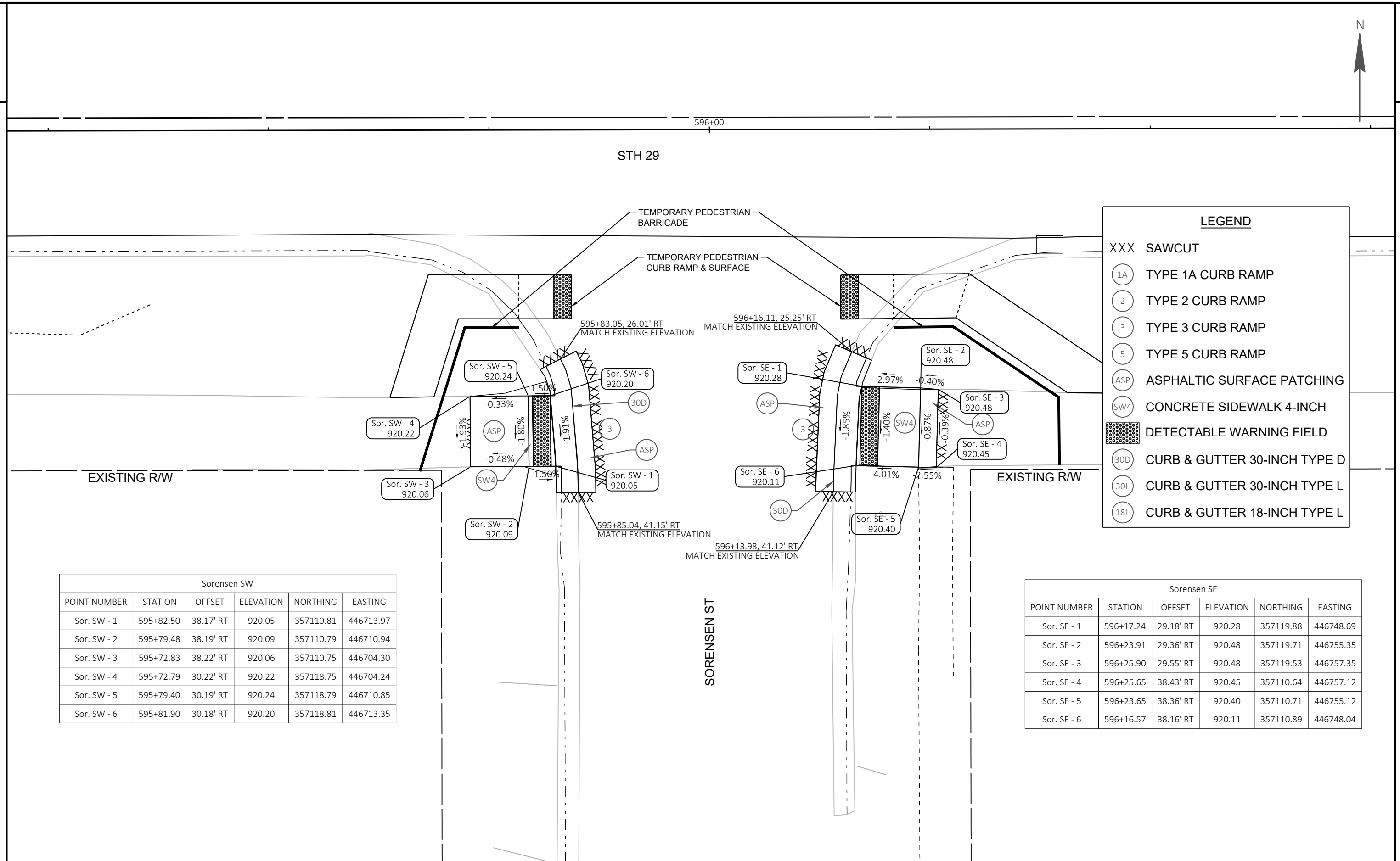
CURB & GUTTER 30-INCH TYPE L

18L

CURB & GUTTER 18-INCH TYPE L

Wisconsin SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
Wis. SW - 1	592+25.69	40.97' RT	916.49	357105.58	446357.50
Wis. SW - 2	592+23.05	40.89' RT	916.53	357105.62	446354.86
Wis. SW - 3	592+20.05	40.81' RT	916.49	357105.67	446351.86
Wis. SW - 4	592+20.29	31.92' RT	916.57	357114.57	446352.01
Wis. SW - 5	592+23.29	32.00' RT	916.64	357114.52	446355.01
Wis. SW - 6	592+25.79	32.07' RT	916.60	357114.47	446357.51

Wisconsin SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
Wis. SE - 1	592+64.20	28.47' RT	916.82	357118.45	446395.88
Wis. SE - 2	592+66.70	28.54' RT	916.95	357118.41	446398.38
Wis. SE - 3	592+69.70	28.62' RT	917.04	357118.35	446401.38
Wis. SE - 4	592+69.47	37.03' RT	916.81	357109.94	446401.23
Wis. SE - 5	592+66.47	36.95' RT	916.77	357110.00	446398.23
Wis. SE - 6	592+63.11	36.86' RT	916.60	357110.06	446394.87



LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

CURB & GUTTER 30-INCH TYPE D

30L

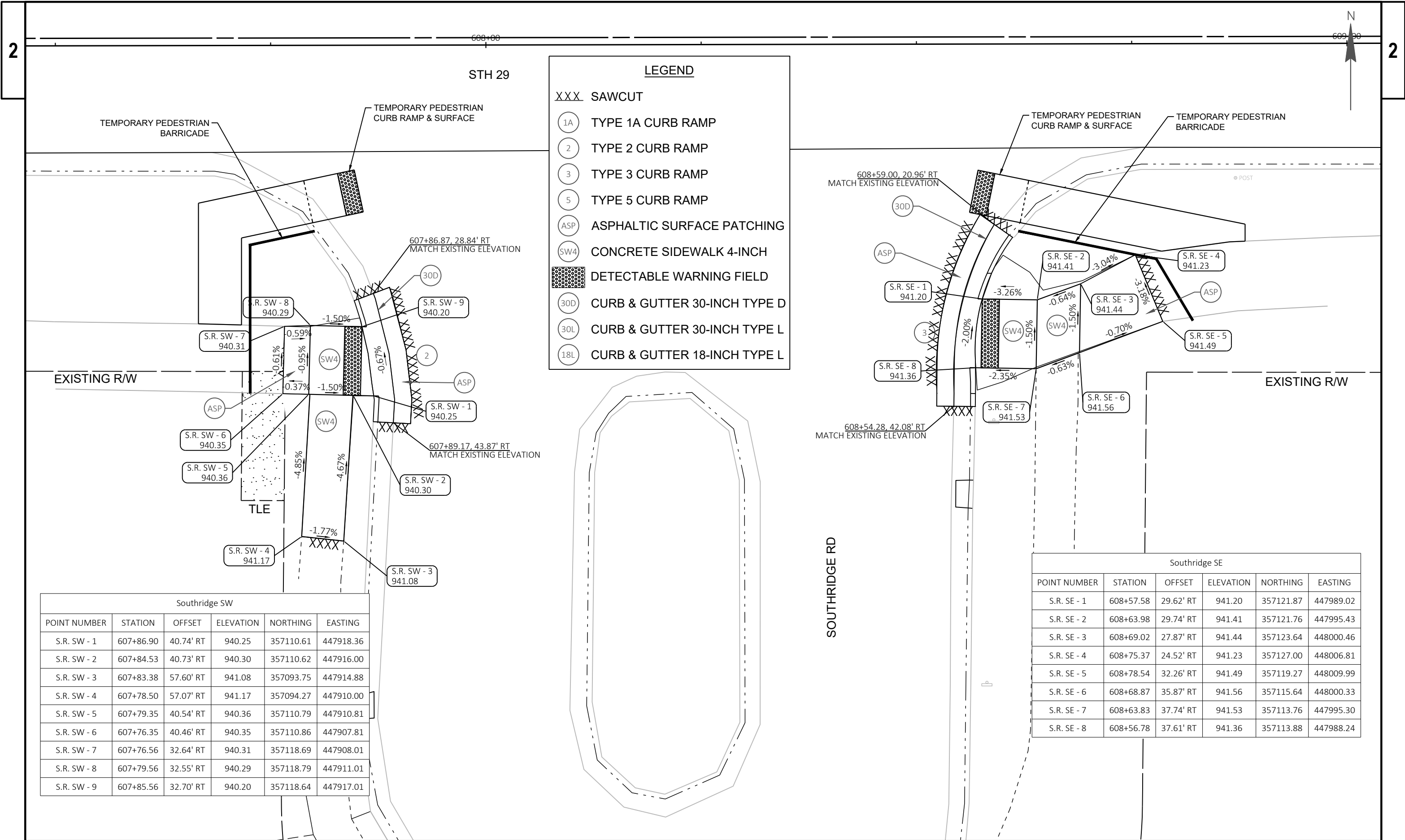
CURB & GUTTER 30-INCH TYPE L

18L

CURB & GUTTER 18-INCH TYPE L

Sorensen SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
Sor. SW - 1	595+82.50	38.17' RT	920.05	357110.81	446713.97
Sor. SW - 2	595+79.48	38.19' RT	920.09	357110.79	446710.94
Sor. SW - 3	595+72.83	38.22' RT	920.06	357110.75	446704.30
Sor. SW - 4	595+72.79	30.22' RT	920.22	357118.75	446704.24
Sor. SW - 5	595+79.40	30.19' RT	920.24	357118.79	446710.85
Sor. SW - 6	595+81.90	30.18' RT	920.20	357118.81	446713.35

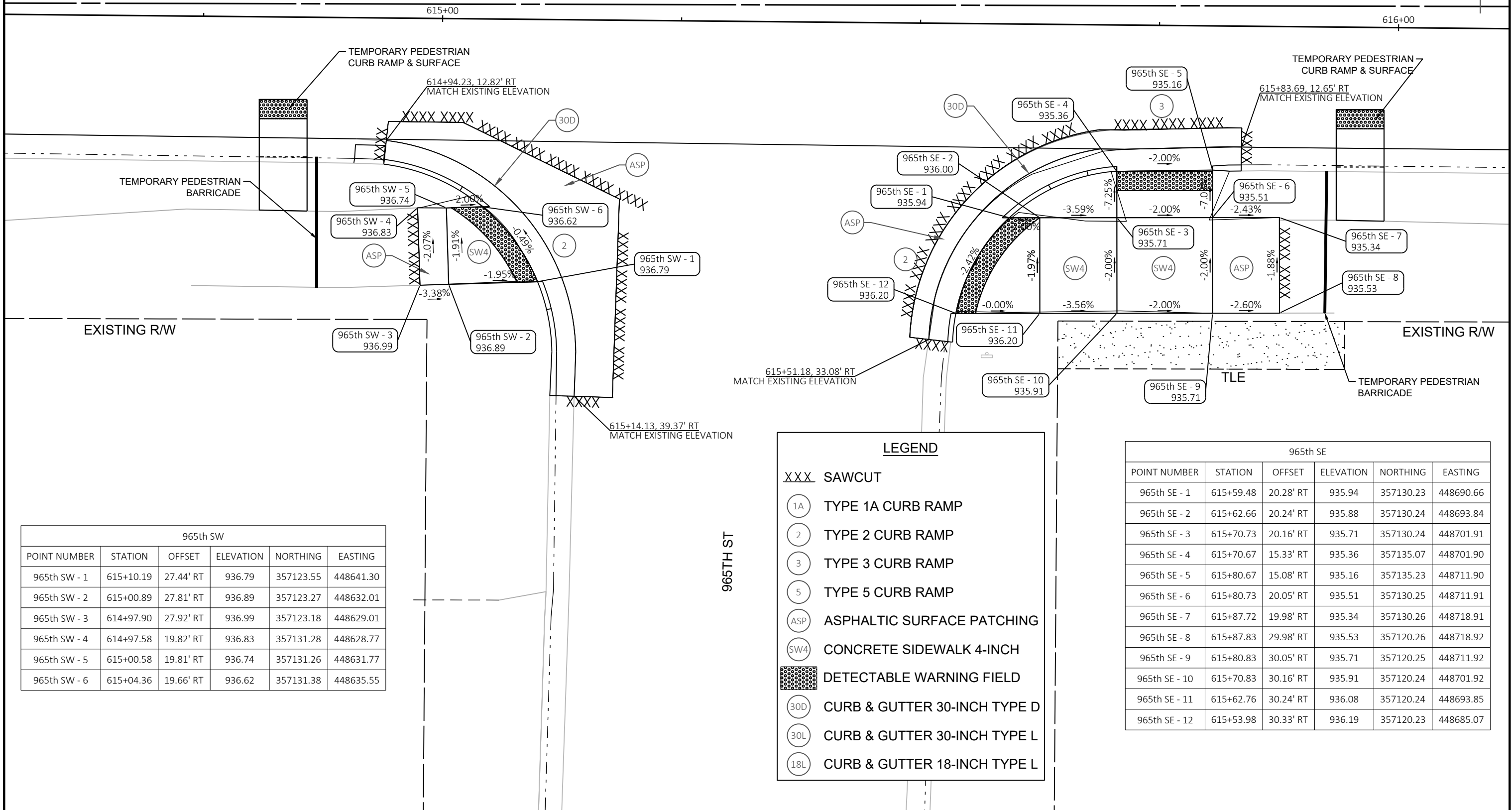
Sorensen SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
Sor. SE - 1	596+17.24	29.18' RT	920.28	357119.88	446748.69
Sor. SE - 2	596+23.91	29.36' RT	920.48	357119.71	446755.35
Sor. SE - 3	596+25.90	29.55' RT	920.48	357119.53	446757.35
Sor. SE - 4	596+25.65	38.43' RT	920.45	357110.64	446757.12
Sor. SE - 5	596+23.65	38.36' RT	920.40	357110.71	446755.12
Sor. SE - 6	596+16.57	38.16' RT	920.11	357110.89	446748.04



Southridge SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
S.R. SW - 1	607+86.90	40.74' RT	940.25	357110.61	447918.36
S.R. SW - 2	607+84.53	40.73' RT	940.30	357110.62	447916.00
S.R. SW - 3	607+83.38	57.60' RT	941.08	357093.75	447914.88
S.R. SW - 4	607+78.50	57.07' RT	941.17	357094.27	447910.00
S.R. SW - 5	607+79.35	40.54' RT	940.36	357110.79	447910.81
S.R. SW - 6	607+76.35	40.46' RT	940.35	357110.86	447907.81
S.R. SW - 7	607+76.56	32.64' RT	940.31	357118.69	447908.01
S.R. SW - 8	607+79.56	32.55' RT	940.29	357118.79	447911.01
S.R. SW - 9	607+85.56	32.70' RT	940.20	357118.64	447917.01

Southridge SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
S.R. SE - 1	608+57.58	29.62' RT	941.20	357121.87	447989.02
S.R. SE - 2	608+63.98	29.74' RT	941.41	357121.76	447995.43
S.R. SE - 3	608+69.02	27.87' RT	941.44	357123.64	448000.46
S.R. SE - 4	608+75.37	24.52' RT	941.23	357127.00	448006.81
S.R. SE - 5	608+78.54	32.26' RT	941.49	357119.27	448009.99
S.R. SE - 6	608+68.87	35.87' RT	941.56	357115.64	448000.33
S.R. SE - 7	608+63.83	37.74' RT	941.53	357113.76	447995.30
S.R. SE - 8	608+56.78	37.61' RT	941.36	357113.88	447988.24

STH 29



965th SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
965th SW - 1	615+10.19	27.44' RT	936.79	357123.55	448641.30
965th SW - 2	615+00.89	27.81' RT	936.89	357123.27	448632.01
965th SW - 3	614+97.90	27.92' RT	936.99	357123.18	448629.01
965th SW - 4	614+97.58	19.82' RT	936.83	357131.28	448628.77
965th SW - 5	615+00.58	19.81' RT	936.74	357131.26	448631.77
965th SW - 6	615+04.36	19.66' RT	936.62	357131.38	448635.55

LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

CURB & GUTTER 30-INCH TYPE D

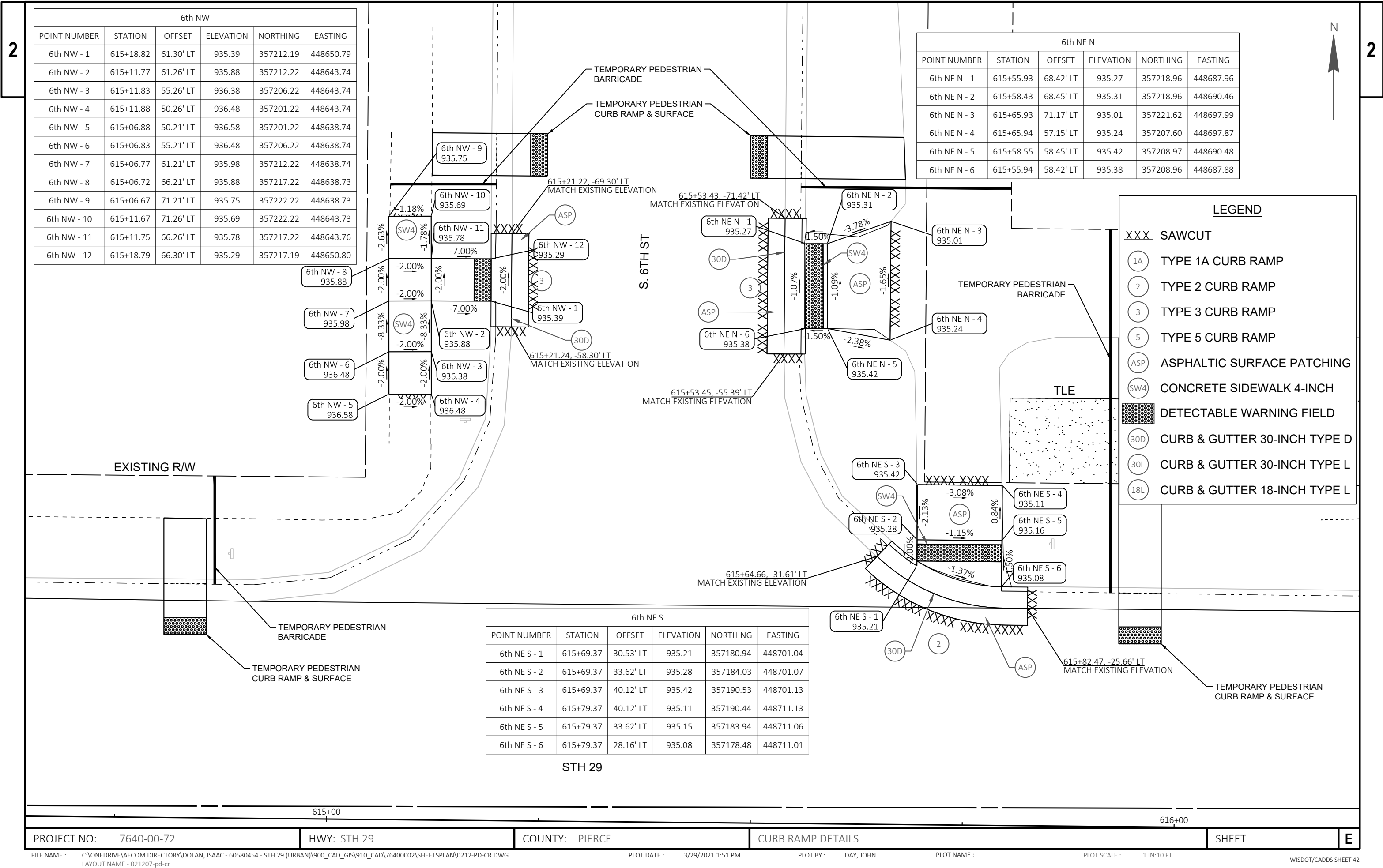
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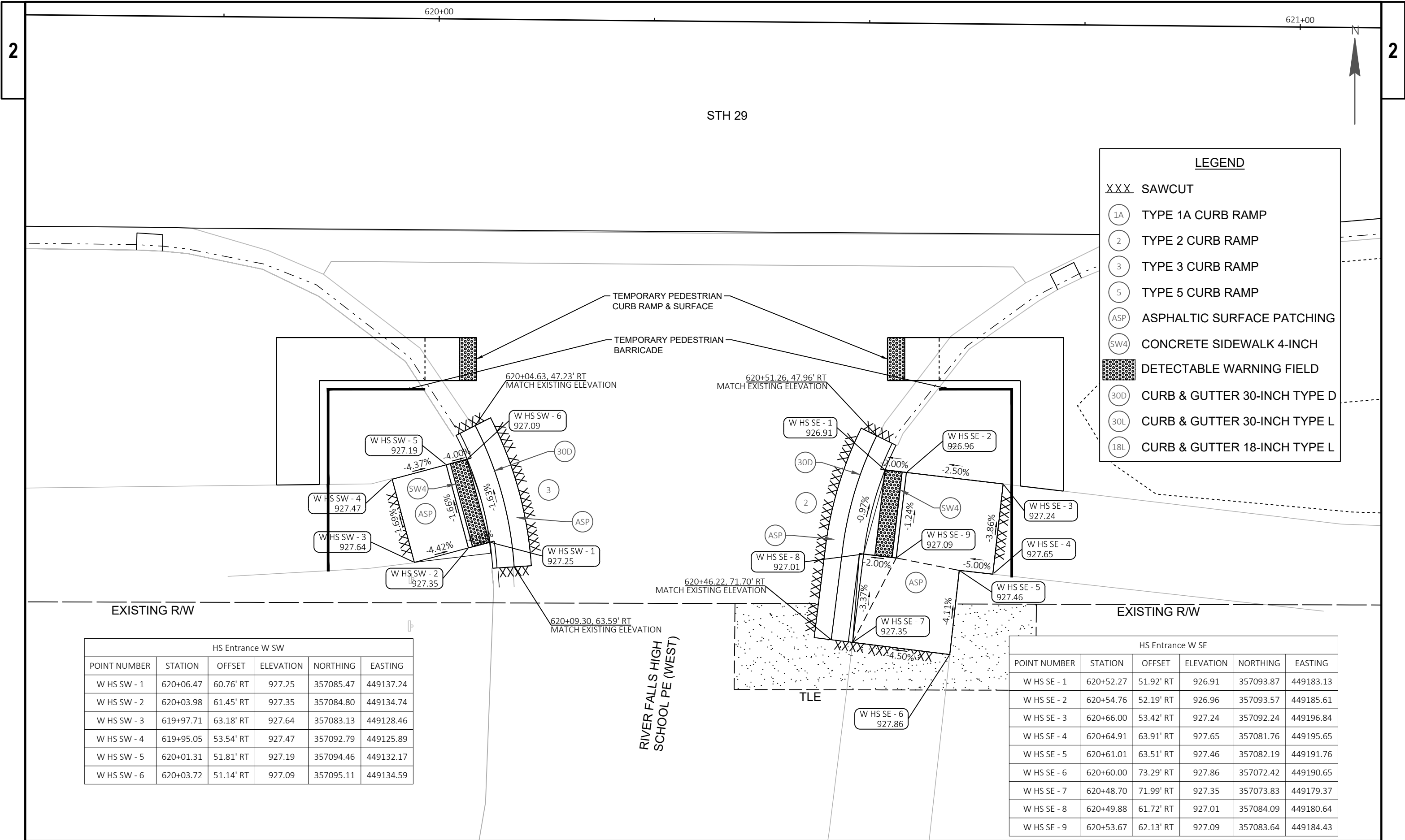
CURB & GUTTER 30-INCH TYPE L

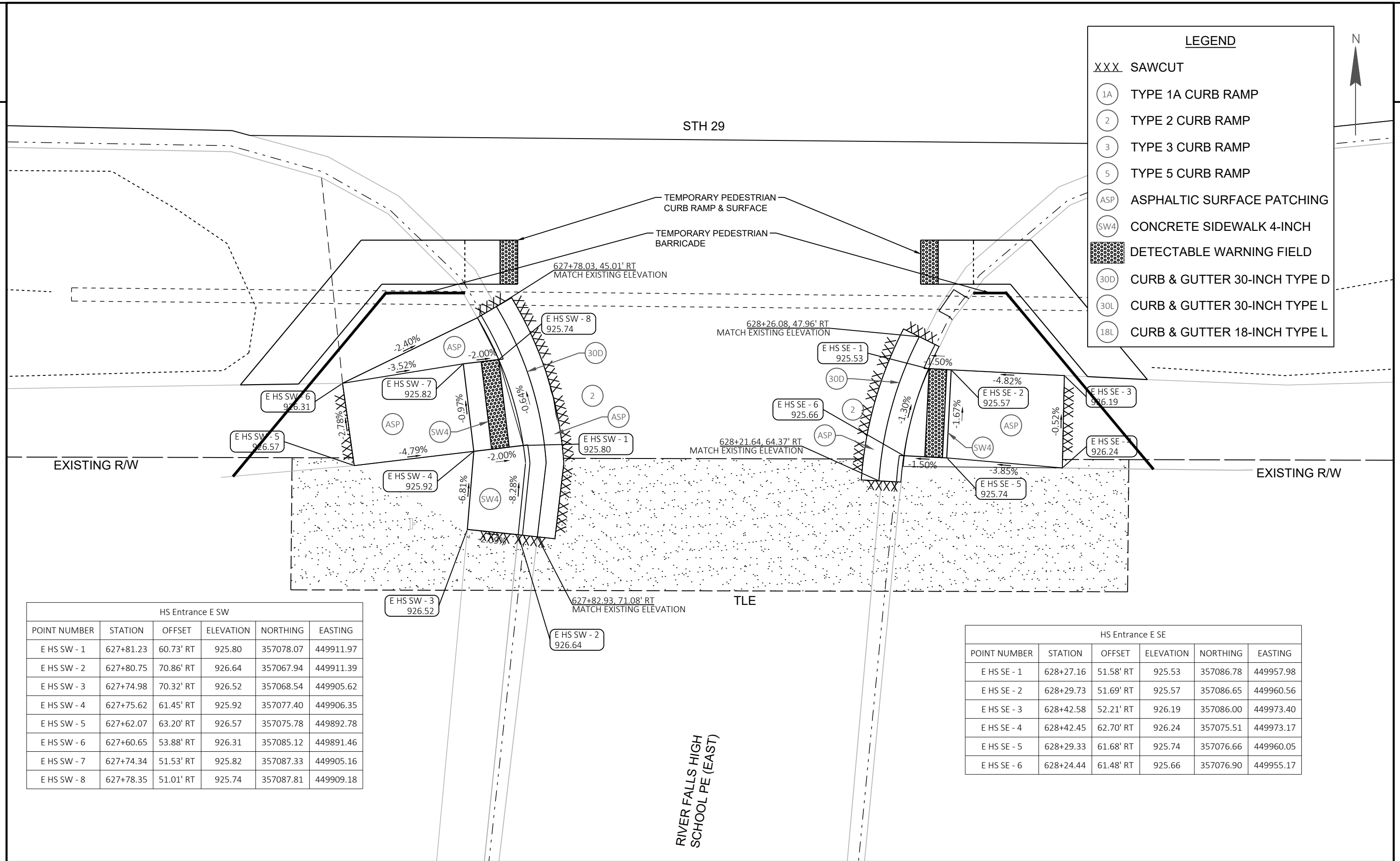
18L

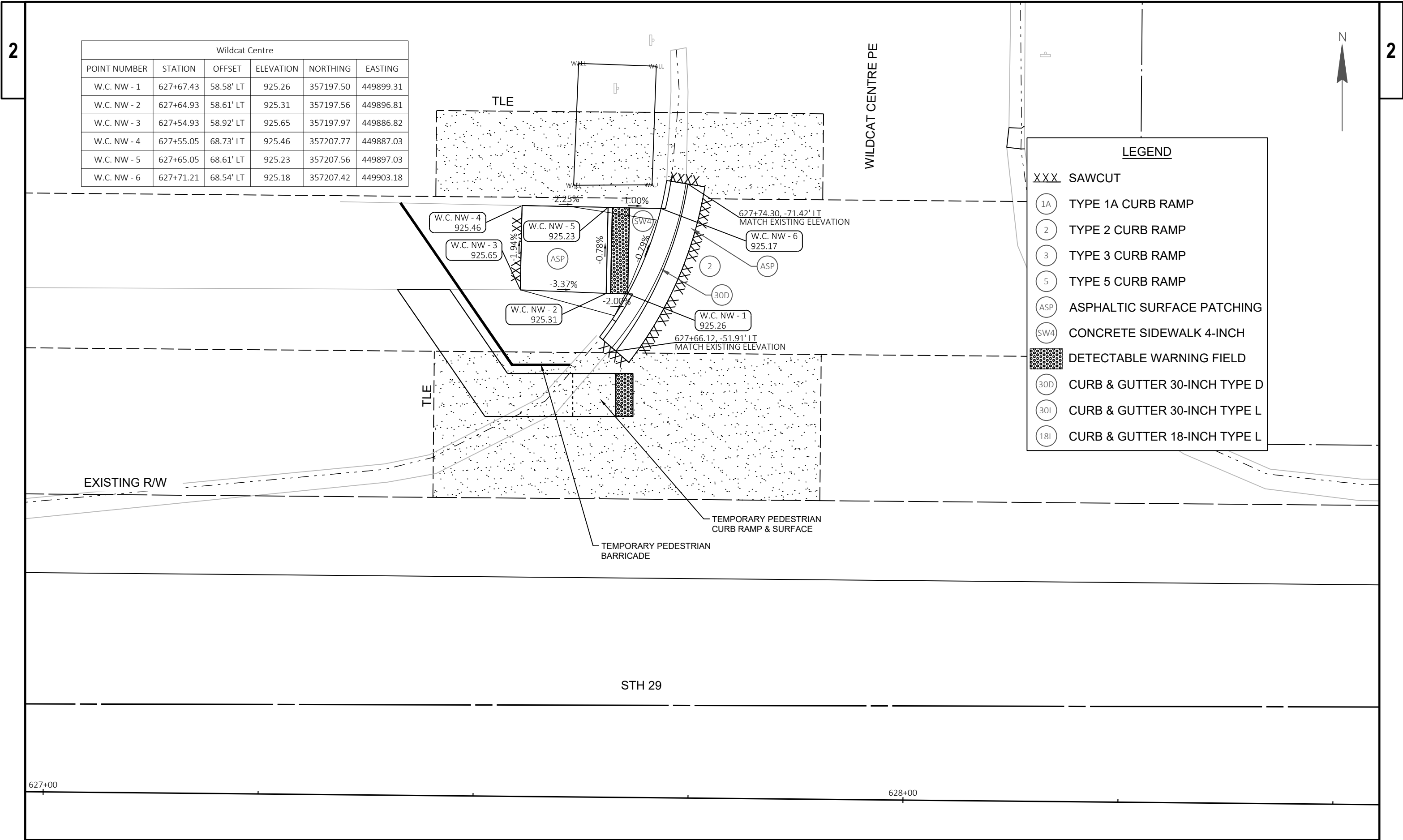
CURB & GUTTER 18-INCH TYPE L

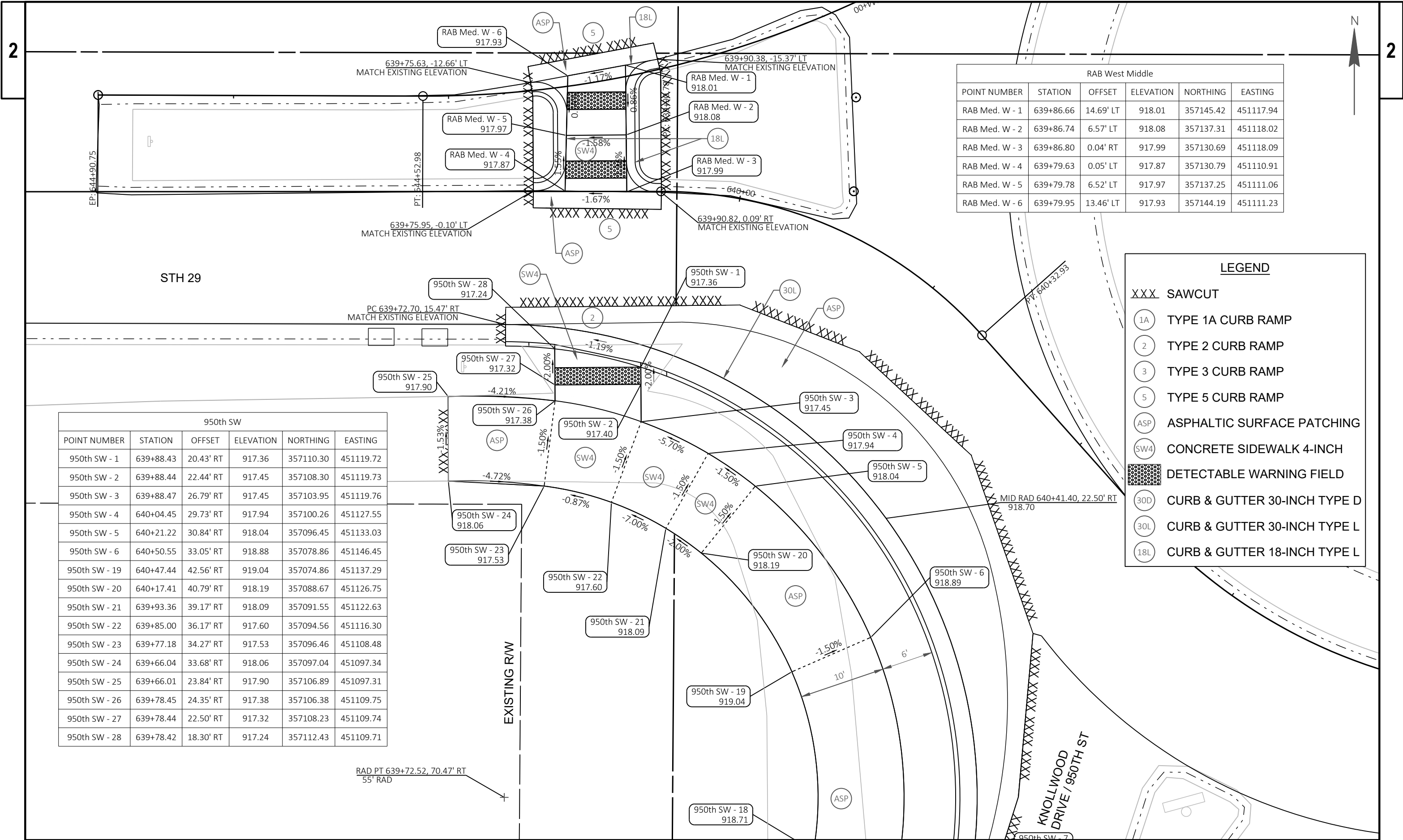
965th SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
965th SE - 1	615+59.48	20.28' RT	935.94	357130.23	448690.66
965th SE - 2	615+62.66	20.24' RT	935.88	357130.24	448693.84
965th SE - 3	615+70.73	20.16' RT	935.71	357130.24	448701.91
965th SE - 4	615+70.67	15.33' RT	935.36	357135.07	448701.90
965th SE - 5	615+80.67	15.08' RT	935.16	357135.23	448711.90
965th SE - 6	615+80.73	20.05' RT	935.51	357130.25	448711.91
965th SE - 7	615+87.72	19.98' RT	935.34	357130.26	448718.91
965th SE - 8	615+87.83	29.98' RT	935.53	357120.26	448718.92
965th SE - 9	615+80.83	30.05' RT	935.71	357120.25	448711.92
965th SE - 10	615+70.83	30.16' RT	935.91	357120.24	448701.92
965th SE - 11	615+62.76	30.24' RT	936.08	357120.24	448693.85
965th SE - 12	615+53.98	30.33' RT	936.19	357120.23	448685.07











RAB West Middle					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RAB Med. W - 1	639+86.66	14.69' LT	918.01	357145.42	451117.94
RAB Med. W - 2	639+86.74	6.57' LT	918.08	357137.31	451118.02
RAB Med. W - 3	639+86.80	0.04' RT	917.99	357130.69	451118.09
RAB Med. W - 4	639+79.63	0.05' LT	917.87	357130.79	451110.91
RAB Med. W - 5	639+79.78	6.52' LT	917.97	357137.25	451111.06
RAB Med. W - 6	639+79.95	13.46' LT	917.93	357144.19	451111.23

950th SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
950th SW - 1	639+88.43	20.43' RT	917.36	357110.30	451119.72
950th SW - 2	639+88.44	22.44' RT	917.45	357108.30	451119.73
950th SW - 3	639+88.47	26.79' RT	917.45	357103.95	451119.76
950th SW - 4	640+04.45	29.73' RT	917.94	357100.26	451127.55
950th SW - 5	640+21.22	30.84' RT	918.04	357096.45	451133.03
950th SW - 6	640+50.55	33.05' RT	918.88	357078.86	451146.45
950th SW - 19	640+47.44	42.56' RT	919.04	357074.86	451137.29
950th SW - 20	640+17.41	40.79' RT	918.19	357088.67	451126.75
950th SW - 21	639+93.36	39.17' RT	918.09	357091.55	451122.63
950th SW - 22	639+85.00	36.17' RT	917.60	357094.56	451116.30
950th SW - 23	639+77.18	34.27' RT	917.53	357096.46	451108.48
950th SW - 24	639+66.04	33.68' RT	918.06	357097.04	451097.34
950th SW - 25	639+66.01	23.84' RT	917.90	357106.89	451097.31
950th SW - 26	639+78.45	24.35' RT	917.38	357106.38	451109.75
950th SW - 27	639+78.44	22.50' RT	917.32	357108.23	451109.74
950th SW - 28	639+78.42	18.30' RT	917.24	357112.43	451109.71

LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

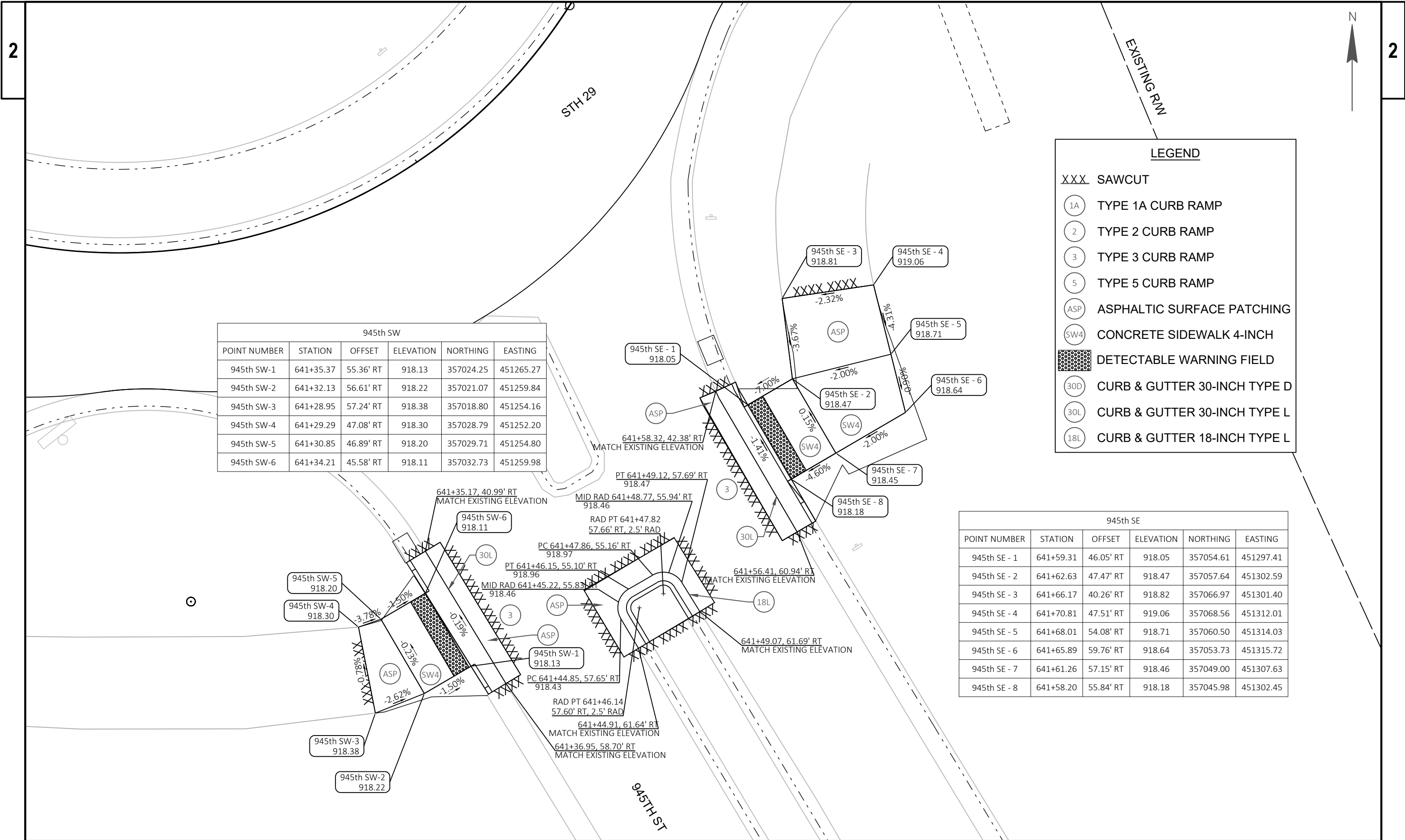
CURB & GUTTER 30-INCH TYPE D

30L

CURB & GUTTER 30-INCH TYPE L

18L

CURB & GUTTER 18-INCH TYPE L



945th SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
945th SW-1	641+35.37	55.36' RT	918.13	357024.25	451265.27
945th SW-2	641+32.13	56.61' RT	918.22	357021.07	451259.84
945th SW-3	641+28.95	57.24' RT	918.38	357018.80	451254.16
945th SW-4	641+29.29	47.08' RT	918.30	357028.79	451252.20
945th SW-5	641+30.85	46.89' RT	918.20	357029.71	451254.80
945th SW-6	641+34.21	45.58' RT	918.11	357032.73	451259.98

945th SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
945th SE - 1	641+59.31	46.05' RT	918.05	357054.61	451297.41
945th SE - 2	641+62.63	47.47' RT	918.47	357057.64	451302.59
945th SE - 3	641+66.17	40.26' RT	918.82	357066.97	451301.40
945th SE - 4	641+70.81	47.51' RT	919.06	357068.56	451312.01
945th SE - 5	641+68.01	54.08' RT	918.71	357060.50	451314.03
945th SE - 6	641+65.89	59.76' RT	918.64	357053.73	451315.72
945th SE - 7	641+61.26	57.15' RT	918.46	357049.00	451307.63
945th SE - 8	641+58.20	55.84' RT	918.18	357045.98	451302.45

LEGEND

XXX SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

CURB & GUTTER 30-INCH TYPE D

30L

CURB & GUTTER 30-INCH TYPE L

18L

CURB & GUTTER 18-INCH TYPE L

RAB NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RAB NW - 1	639+78.11	30.53' LT	917.39	357161.26	451109.38
RAB NW - 2	639+78.03	43.72' LT	917.66	357174.45	451109.30
RAB NW - 3	639+88.01	46.07' LT	917.83	357176.80	451119.28
RAB NW - 4	639+93.19	47.94' LT	918.37	357178.57	451126.77
RAB NW - 5	639+95.58	51.13' LT	918.48	357181.40	451131.75
RAB NW - 6	639+96.46	53.20' LT	918.62	357183.28	451133.74
RAB NW - 7	639+97.44	38.70' LT	918.27	357168.65	451133.83
RAB NW - 8	639+96.38	37.61' LT	918.24	357167.80	451131.84
RAB NW - 9	639+93.59	35.28' LT	918.17	357165.88	451126.85
RAB NW - 10	639+88.10	32.78' LT	917.56	357163.51	451119.37

LEGEND

XXX

SAWCUT

1A

TYPE 1A CURB RAMP

2

TYPE 2 CURB RAMP

3

TYPE 3 CURB RAMP

5

TYPE 5 CURB RAMP

ASP

ASPHALTIC SURFACE PATCHING

SW4

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

30D

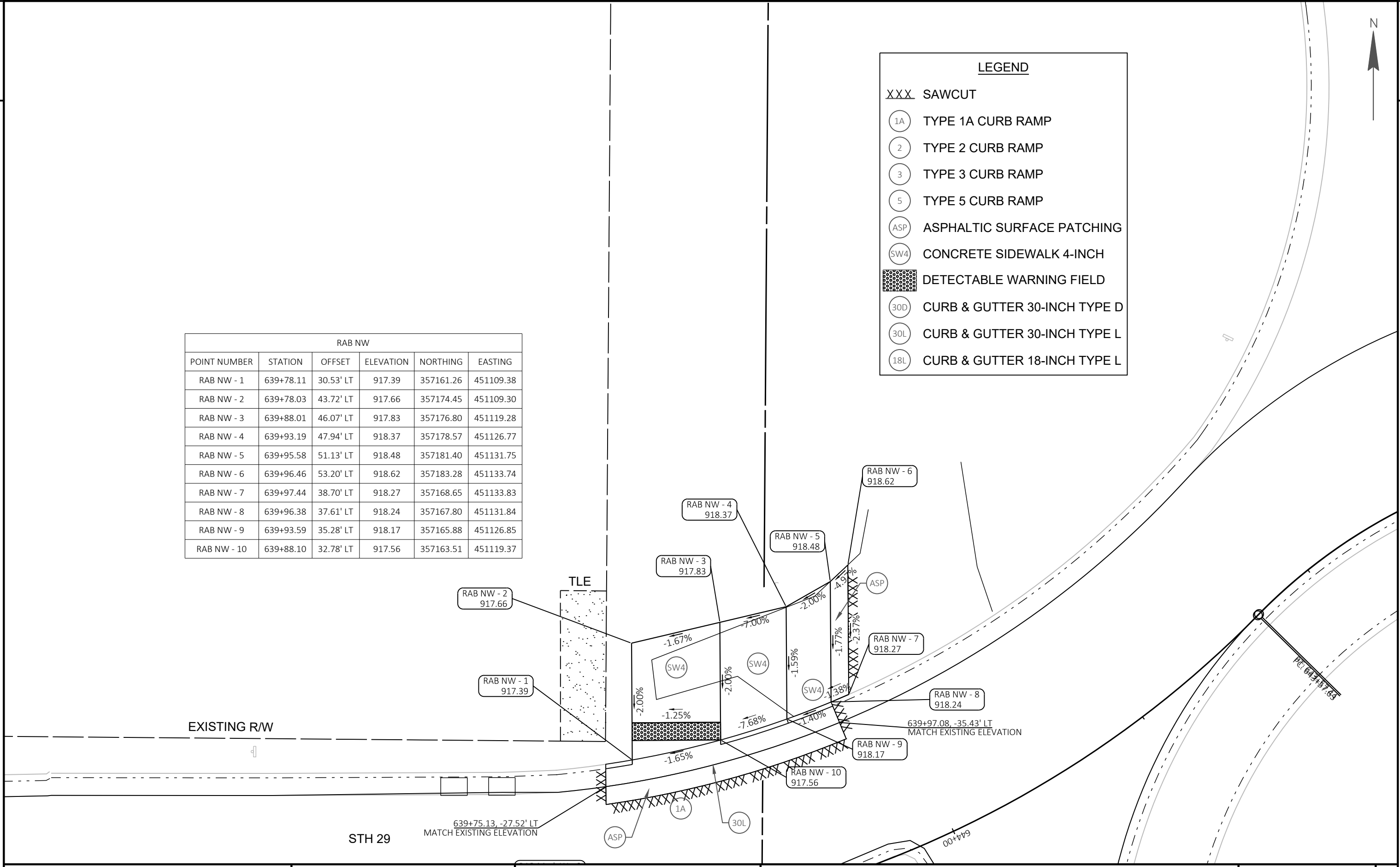
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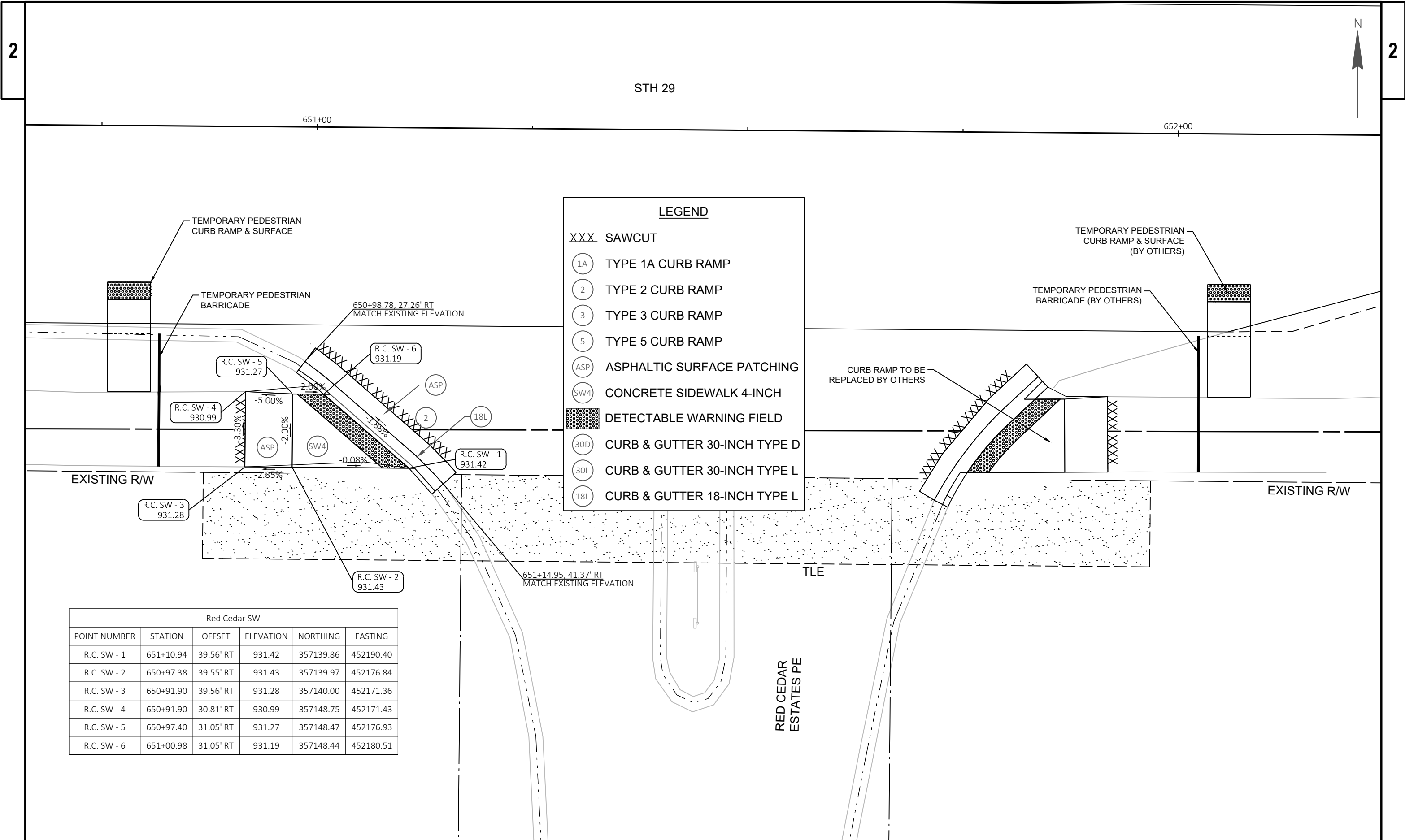
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CURB & GUTTER 30-INCH TYPE L

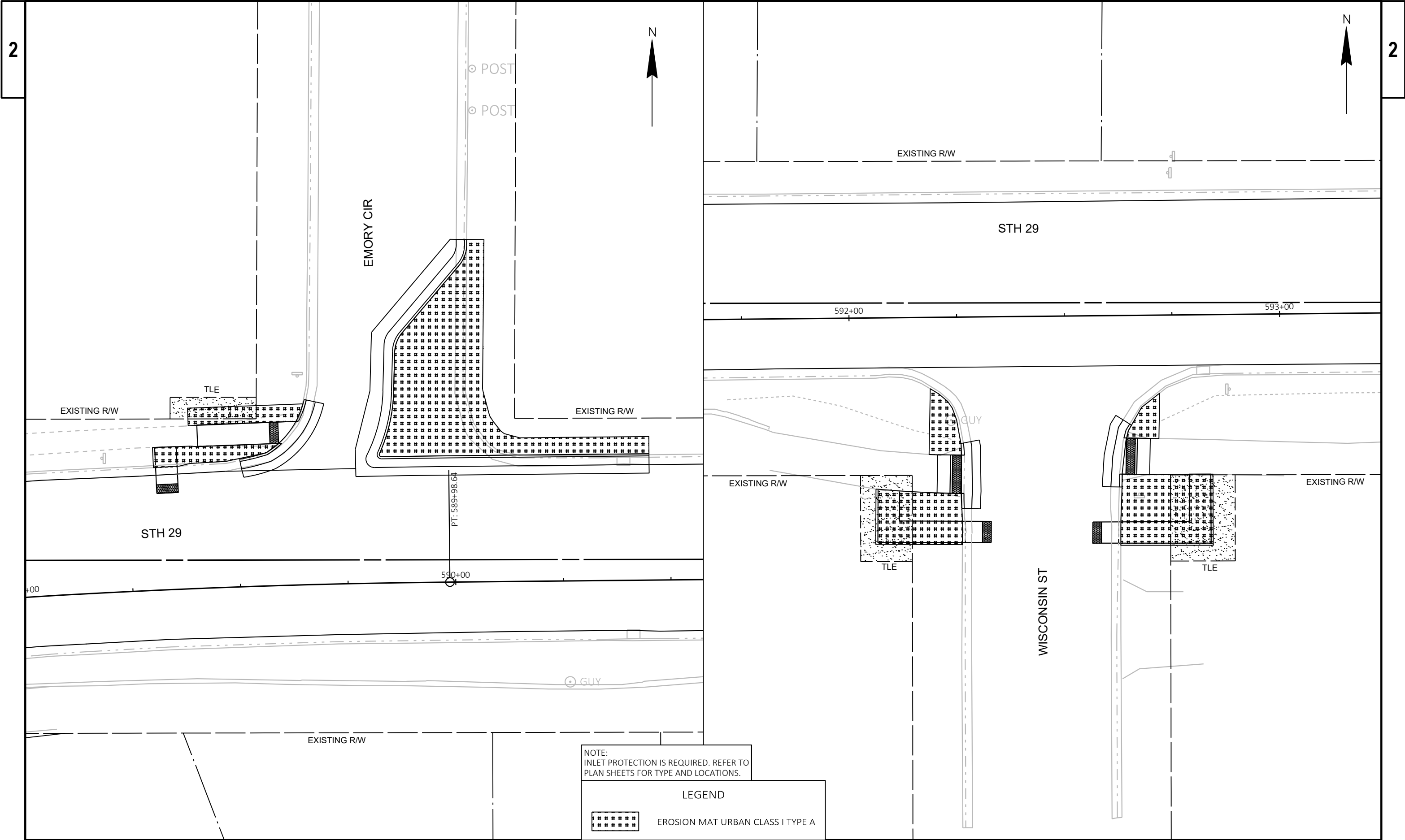
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CURB & GUTTER 18-INCH TYPE L

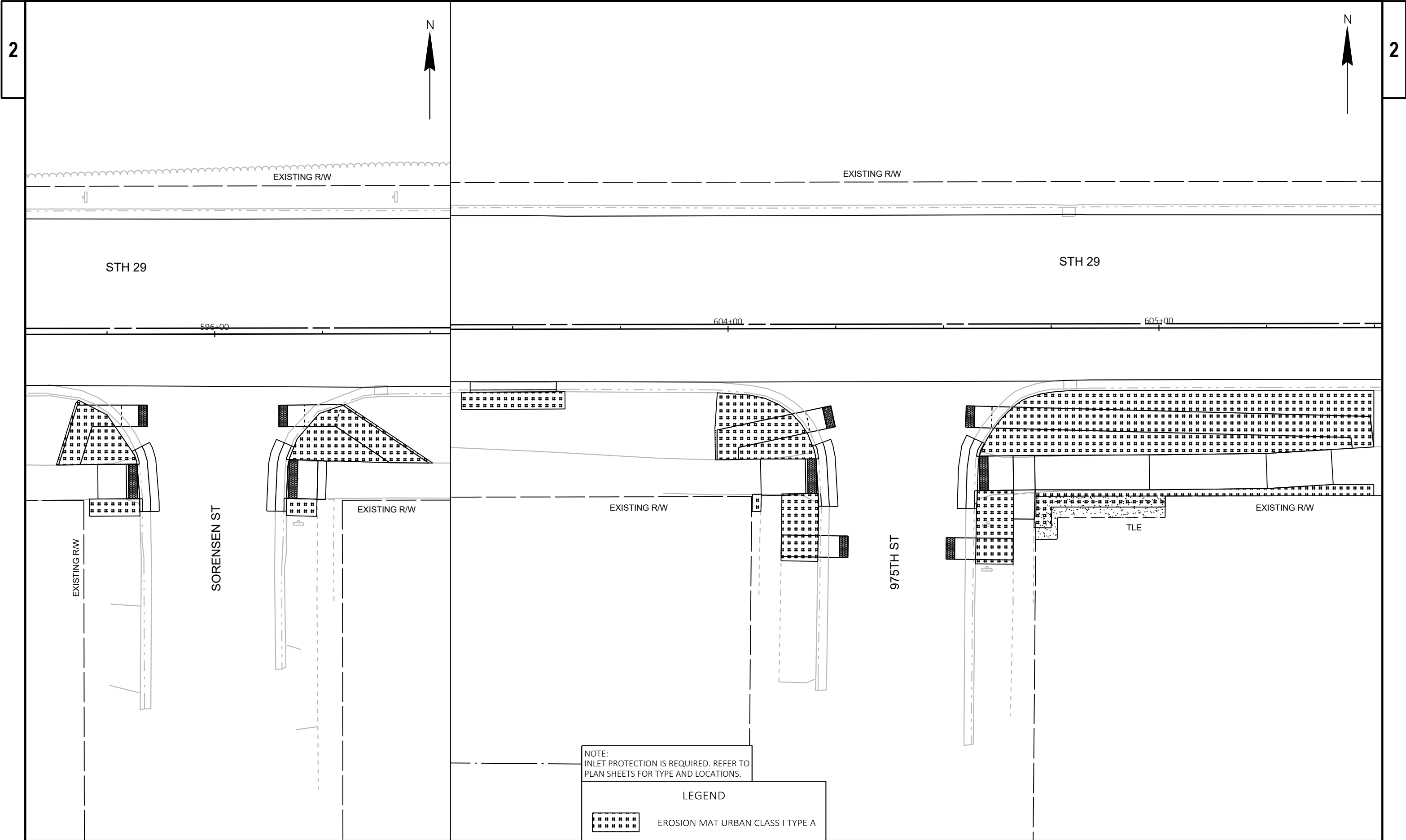




Red Cedar SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
R.C. SW - 1	651+10.94	39.56' RT	931.42	357139.86	452190.40
R.C. SW - 2	650+97.38	39.55' RT	931.43	357139.97	452176.84
R.C. SW - 3	650+91.90	39.56' RT	931.28	357140.00	452171.36
R.C. SW - 4	650+91.90	30.81' RT	930.99	357148.75	452171.43
R.C. SW - 5	650+97.40	31.05' RT	931.27	357148.47	452176.93
R.C. SW - 6	651+00.98	31.05' RT	931.19	357148.44	452180.51



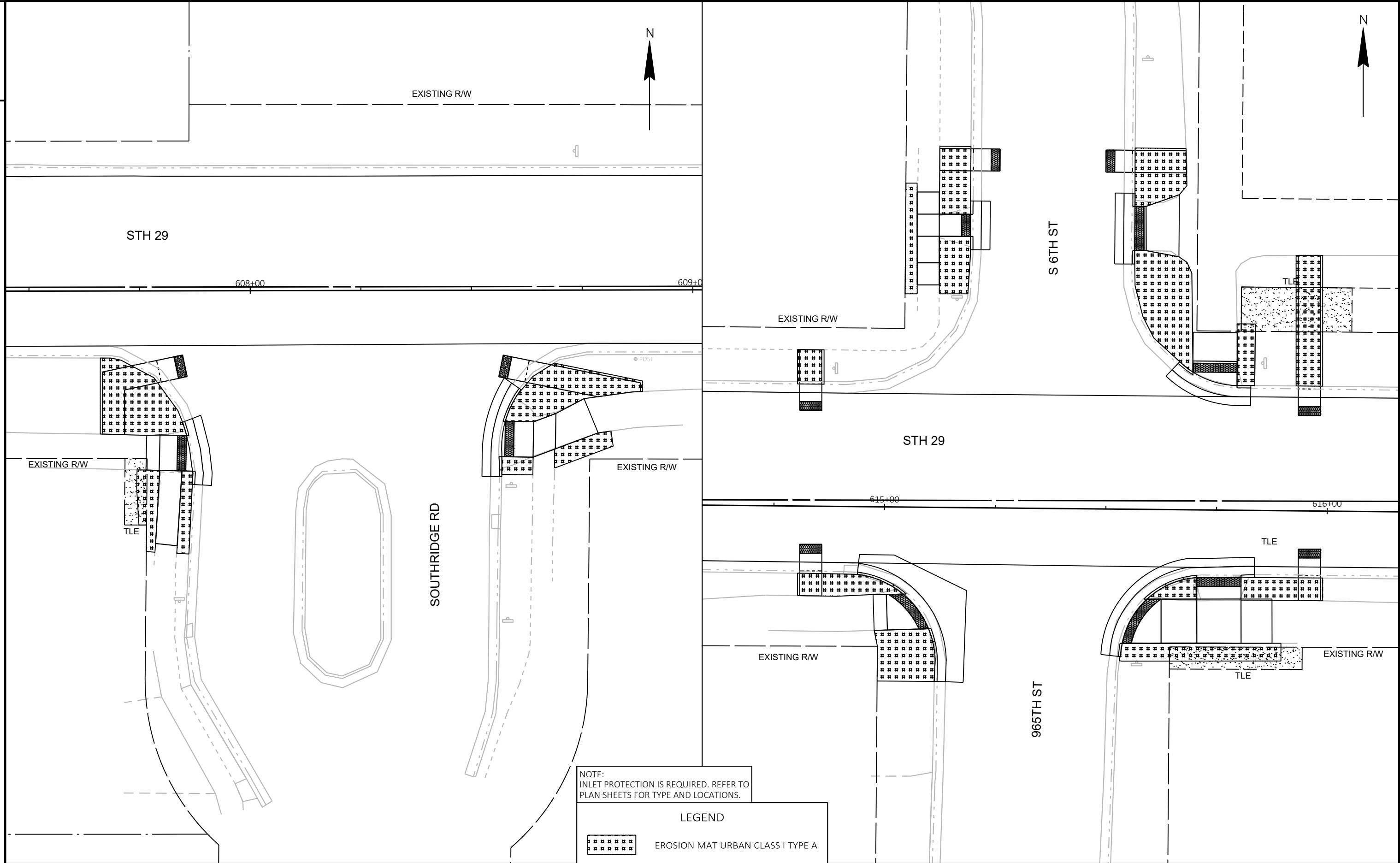
PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	EROSION CONTROL	SHEET	E
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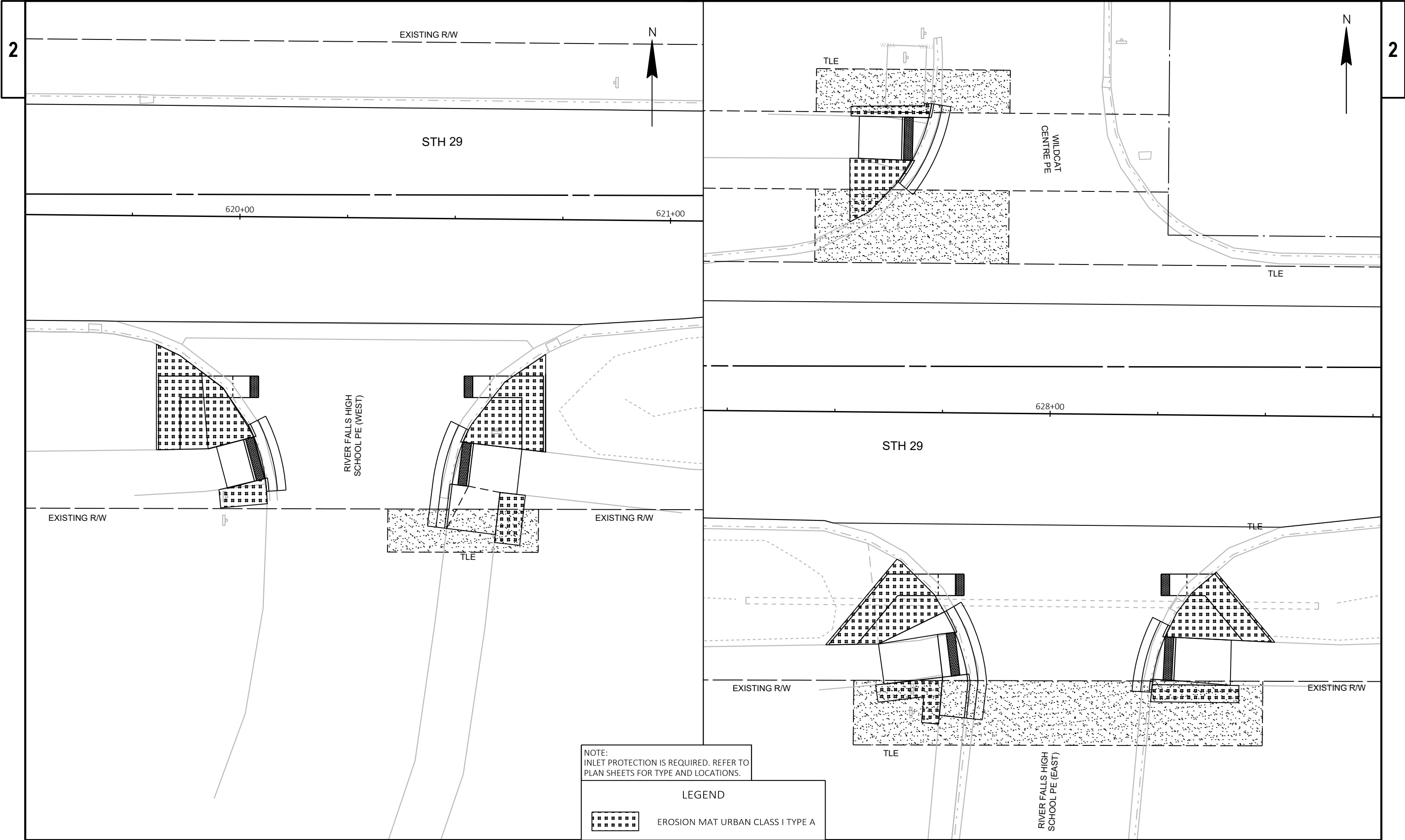
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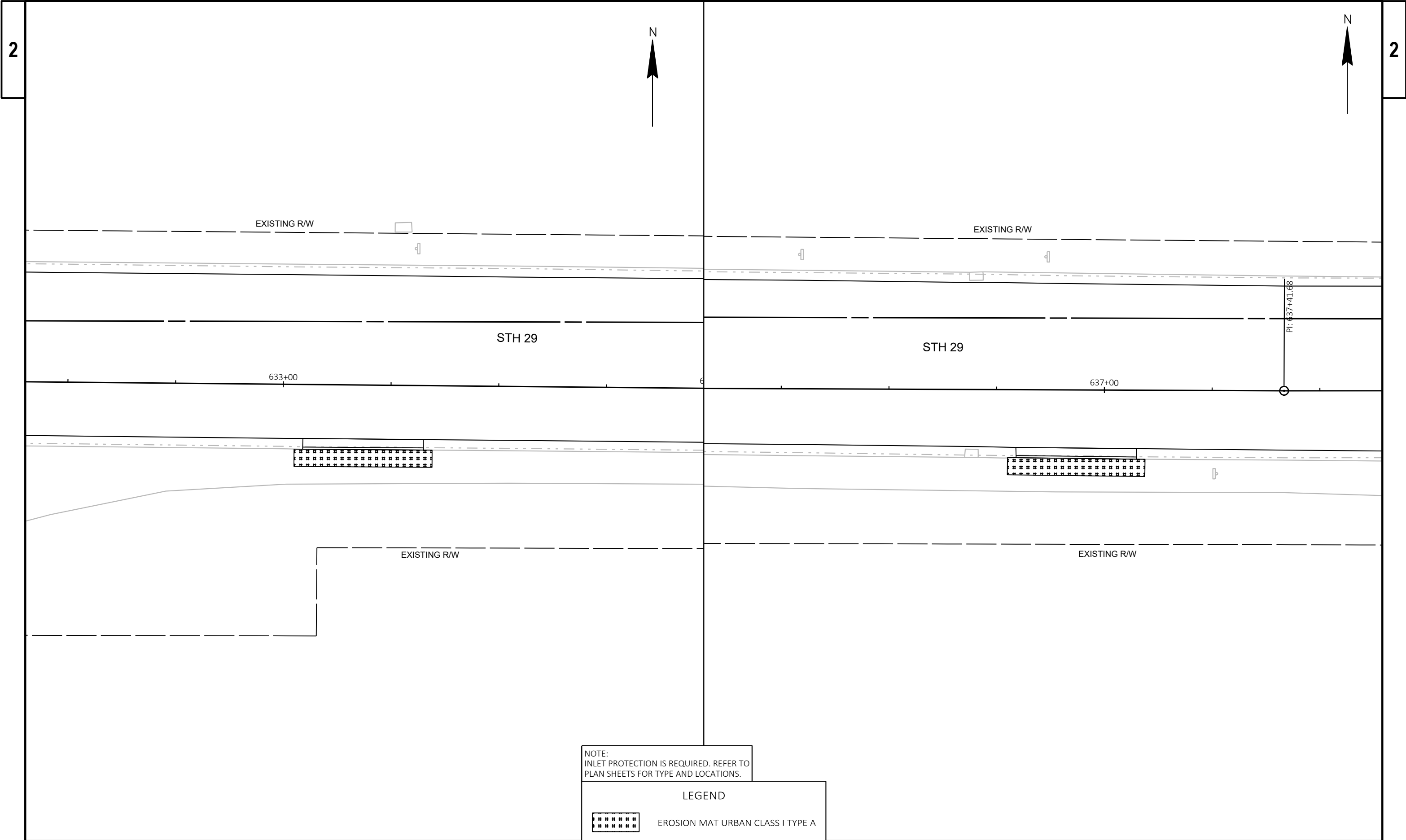
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2

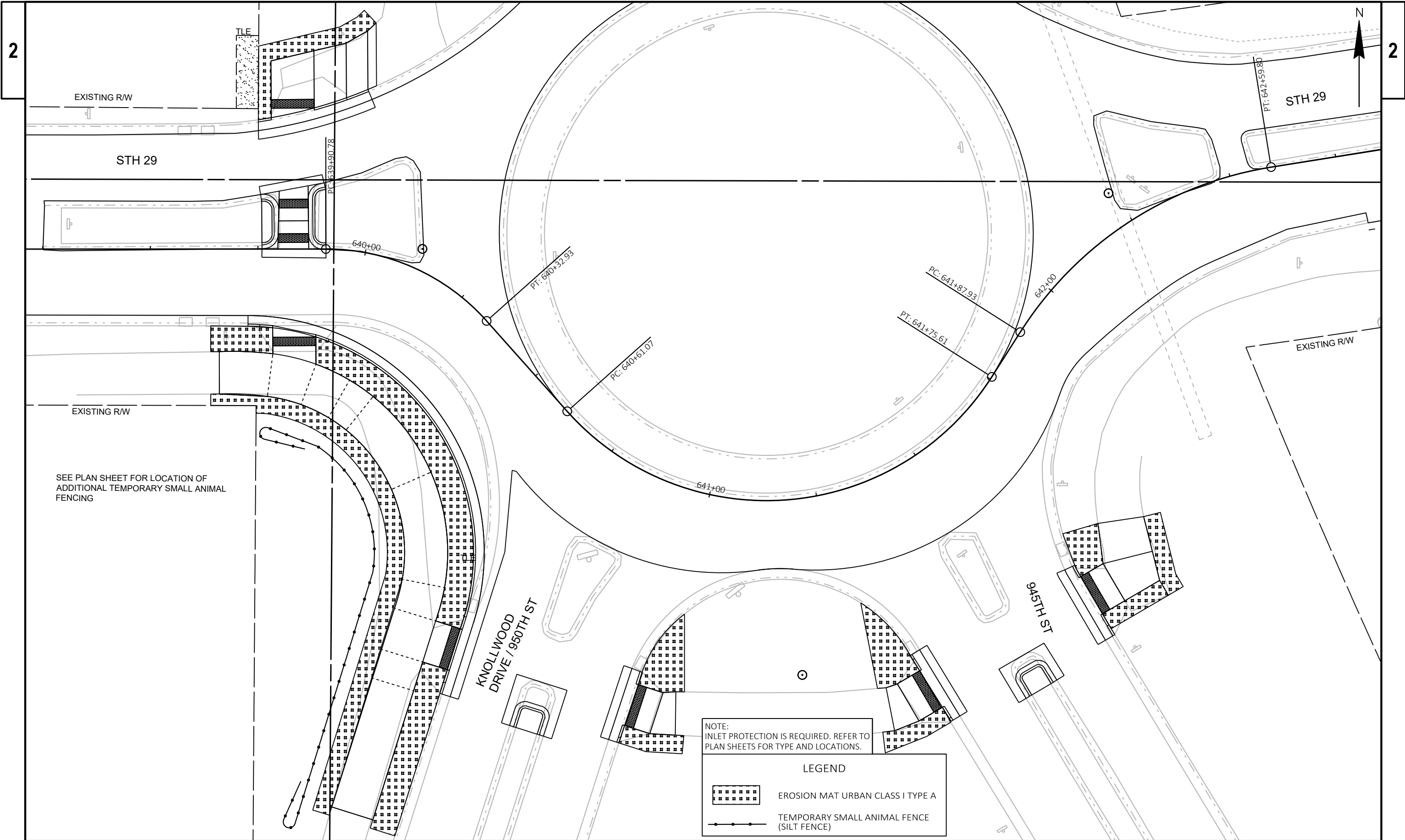


PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	EROSION CONTROL	SHEET	E
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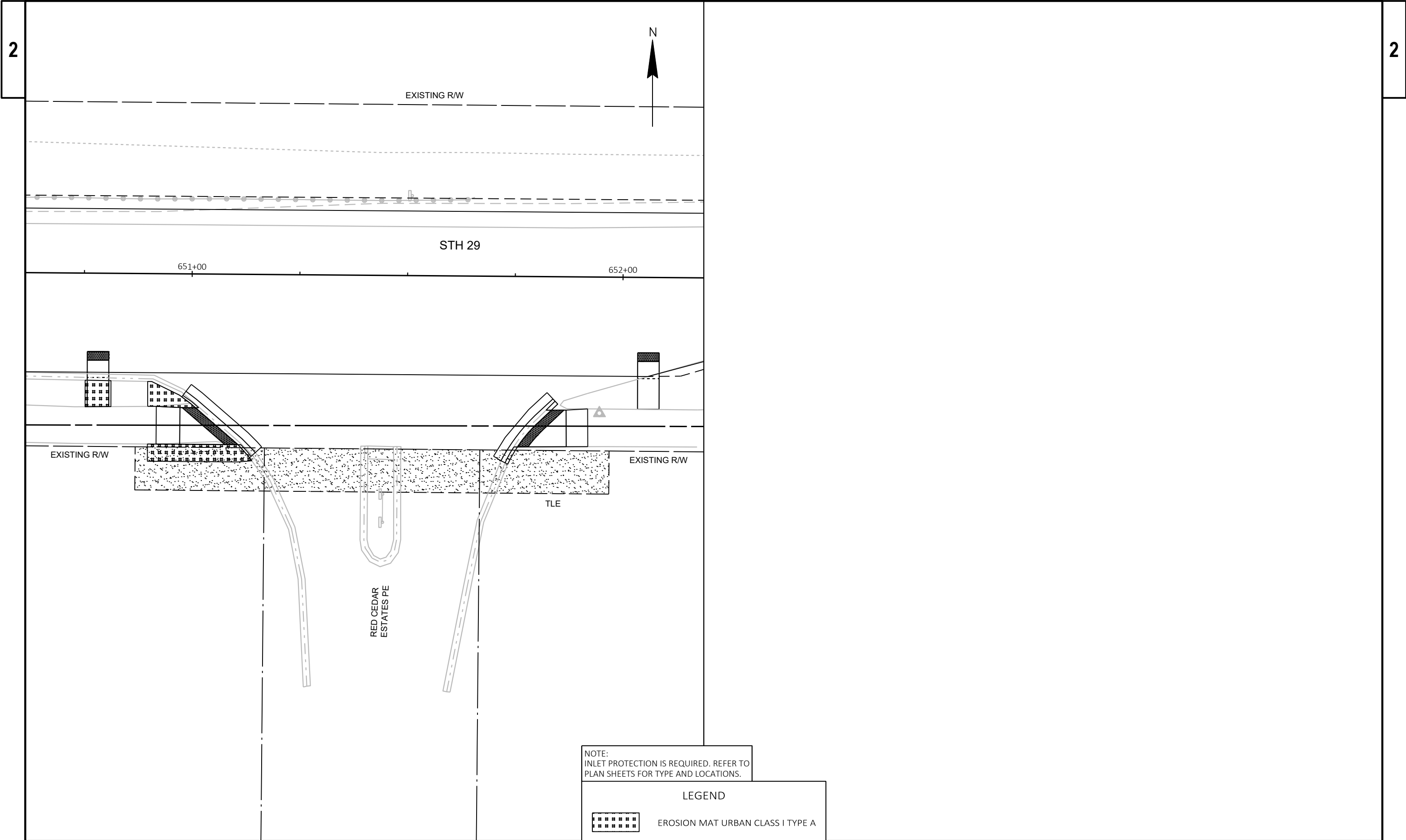


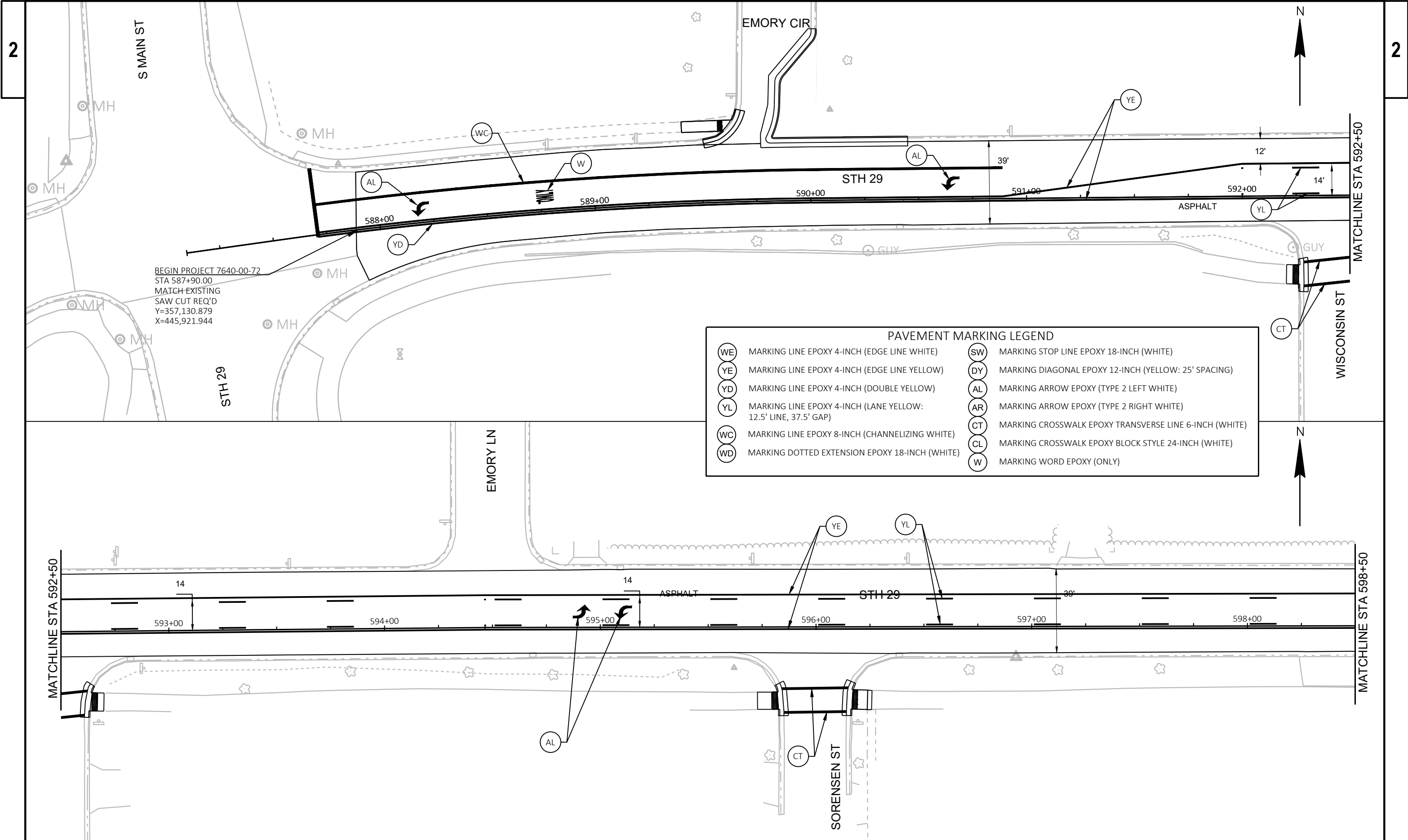


PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	EROSION CONTROL	SHEET	E
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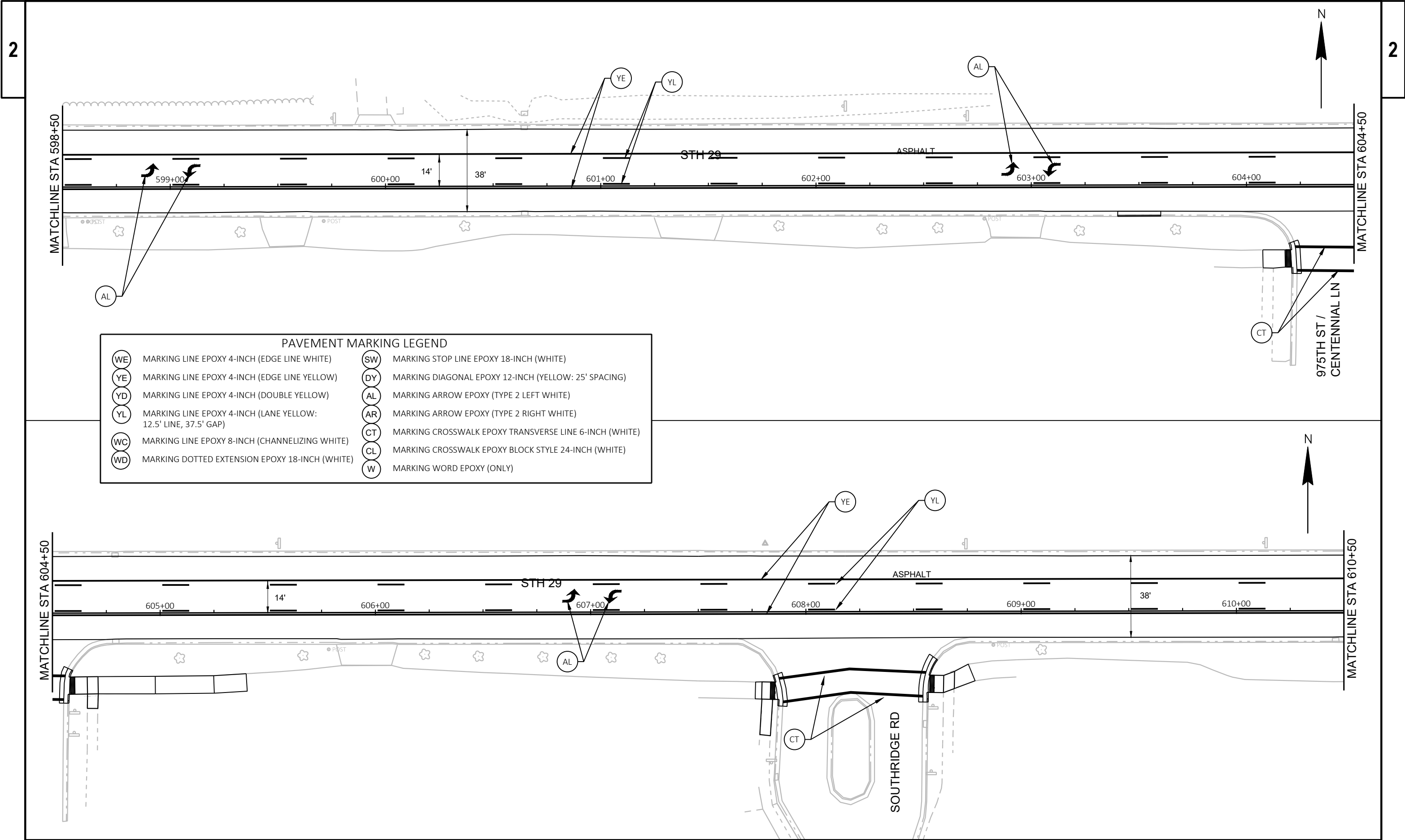
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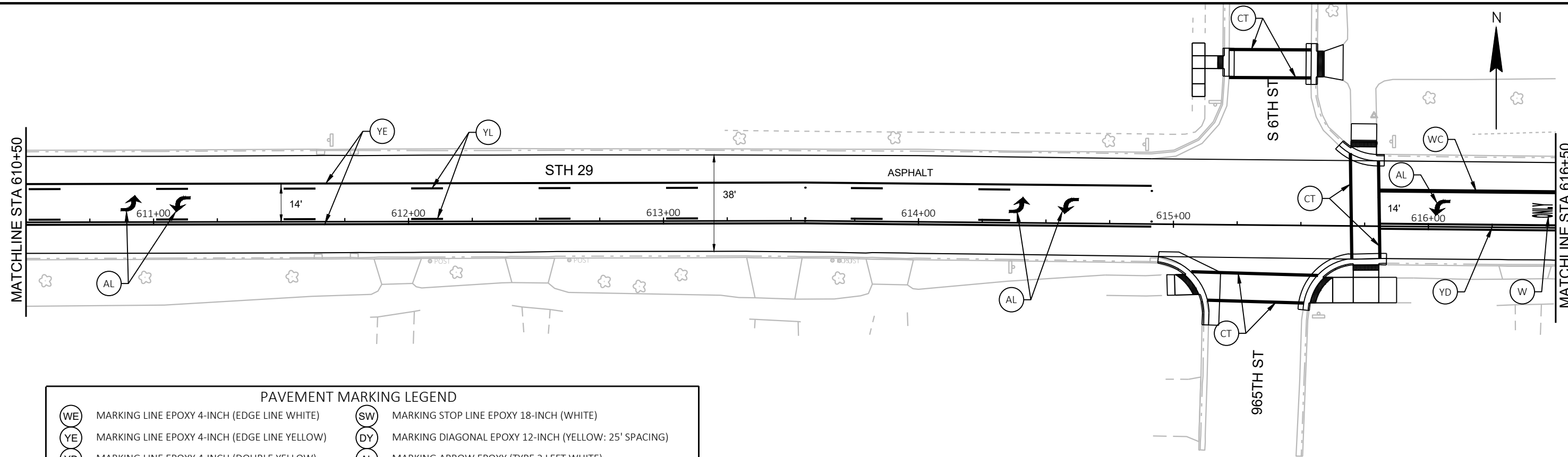




BEGIN PROJECT 7640-00-72
STA 587+90.00
MATCH EXISTING
SAW CUT REQ'D
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X=445,921.944

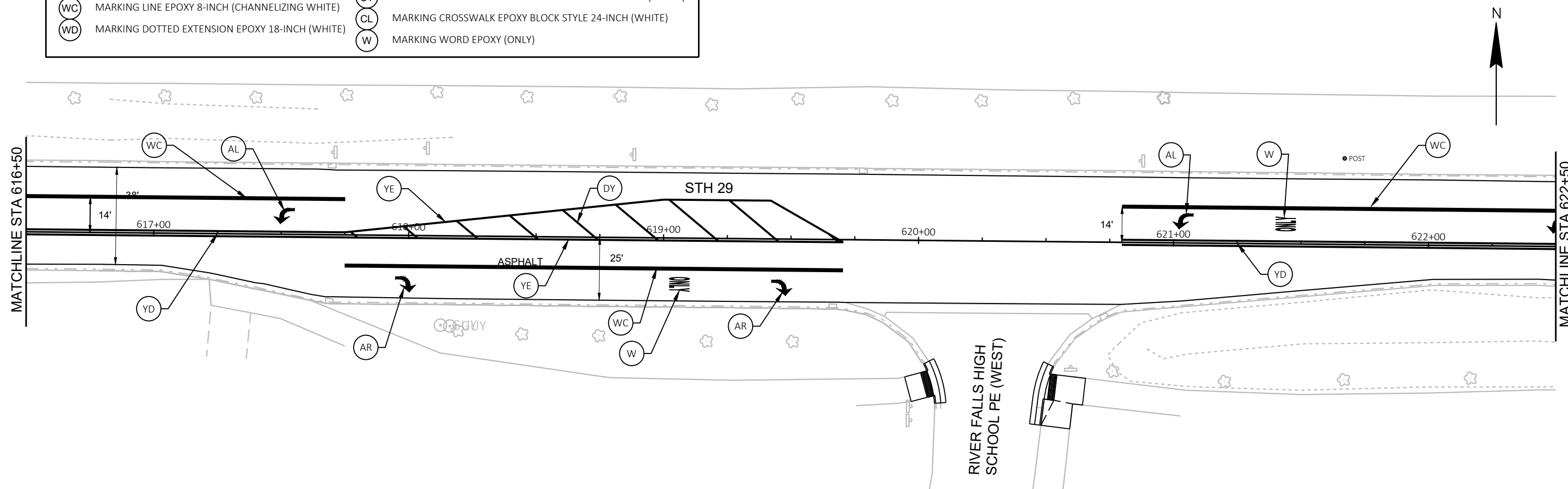
PAVEMENT MARKING LEGEND			
(WE)	MARKING LINE EPOXY 4-INCH (EDGE LINE WHITE)	(SW)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(YE)	MARKING LINE EPOXY 4-INCH (EDGE LINE YELLOW)	(DY)	MARKING DIAGONAL EPOXY 12-INCH (YELLOW: 25' SPACING)
(YD)	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	(AL)	MARKING ARROW EPOXY (TYPE 2 LEFT WHITE)
(YL)	MARKING LINE EPOXY 4-INCH (LANE YELLOW: 12.5' LINE, 37.5' GAP)	(AR)	MARKING ARROW EPOXY (TYPE 2 RIGHT WHITE)
(WC)	MARKING LINE EPOXY 8-INCH (CHANNELIZING WHITE)	(CT)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
(WD)	MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE)	(CL)	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
		(W)	MARKING WORD EPOXY (ONLY)





PAVEMENT MARKING LEGEND

(WE)	MARKING LINE EPOXY 4-INCH (EDGE LINE WHITE)	(SW)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(YE)	MARKING LINE EPOXY 4-INCH (EDGE LINE YELLOW)	(DY)	MARKING DIAGONAL EPOXY 12-INCH (YELLOW: 25' SPACING)
(YD)	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	(AL)	MARKING ARROW EPOXY (TYPE 2 LEFT WHITE)
(YL)	MARKING LINE EPOXY 4-INCH (LANE YELLOW: 12.5' LINE, 37.5' GAP)	(AR)	MARKING ARROW EPOXY (TYPE 2 RIGHT WHITE)
(WC)	MARKING LINE EPOXY 8-INCH (CHANNELIZING WHITE)	(CT)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
(WD)	MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE)	(CL)	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
		(W)	MARKING WORD EPOXY (ONLY)



PROJECT NO: 7640-00-72

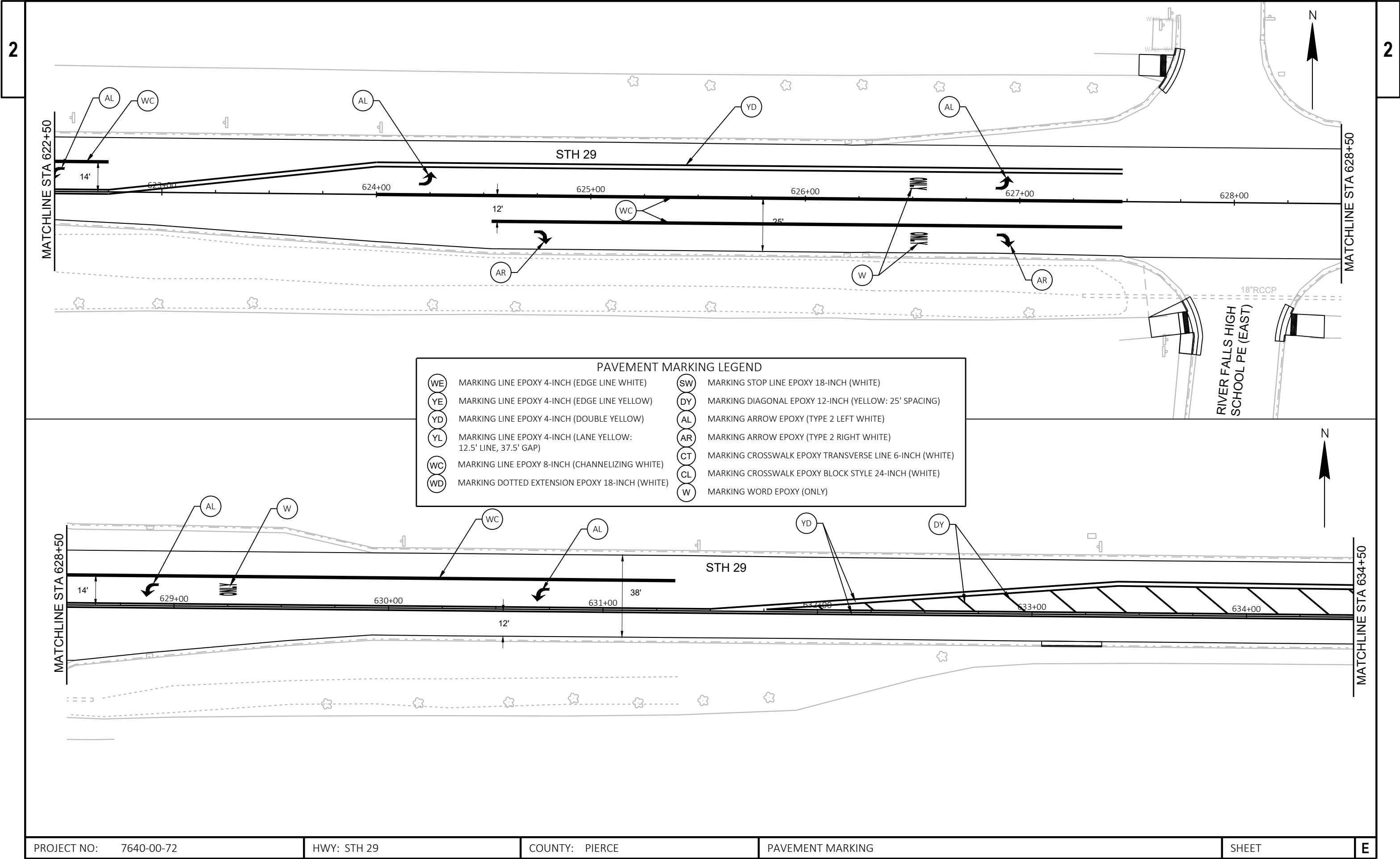
HWY: STH 29

COUNTY: PIERCE

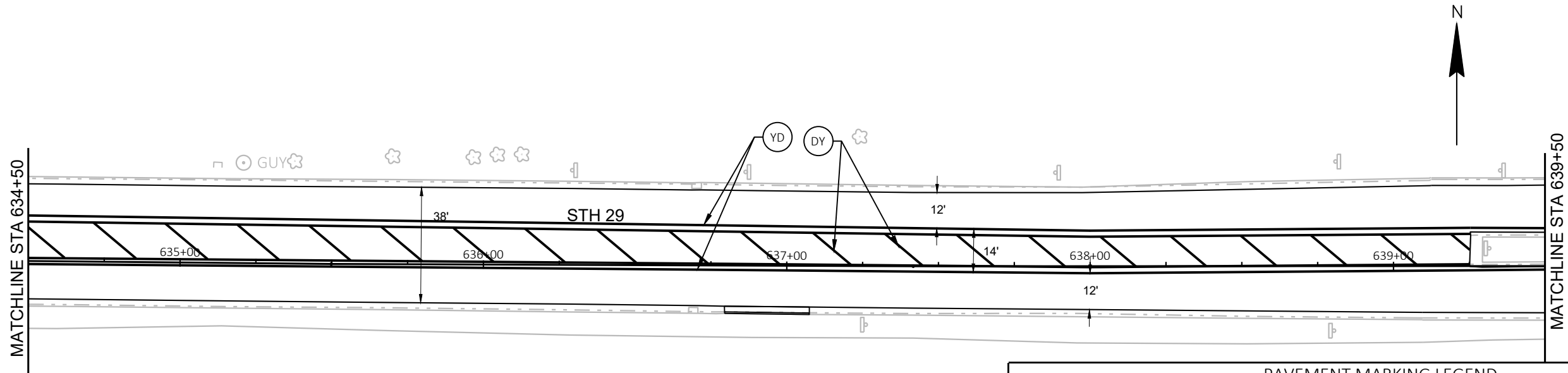
PAVEMENT MARKING

SHEET

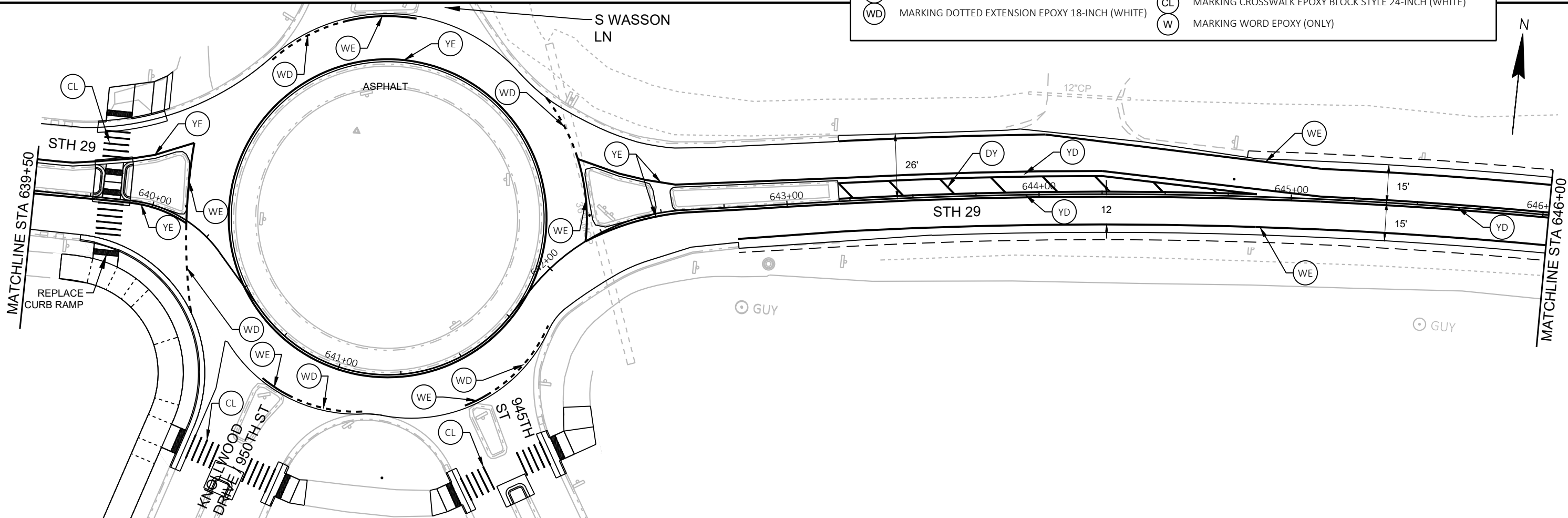
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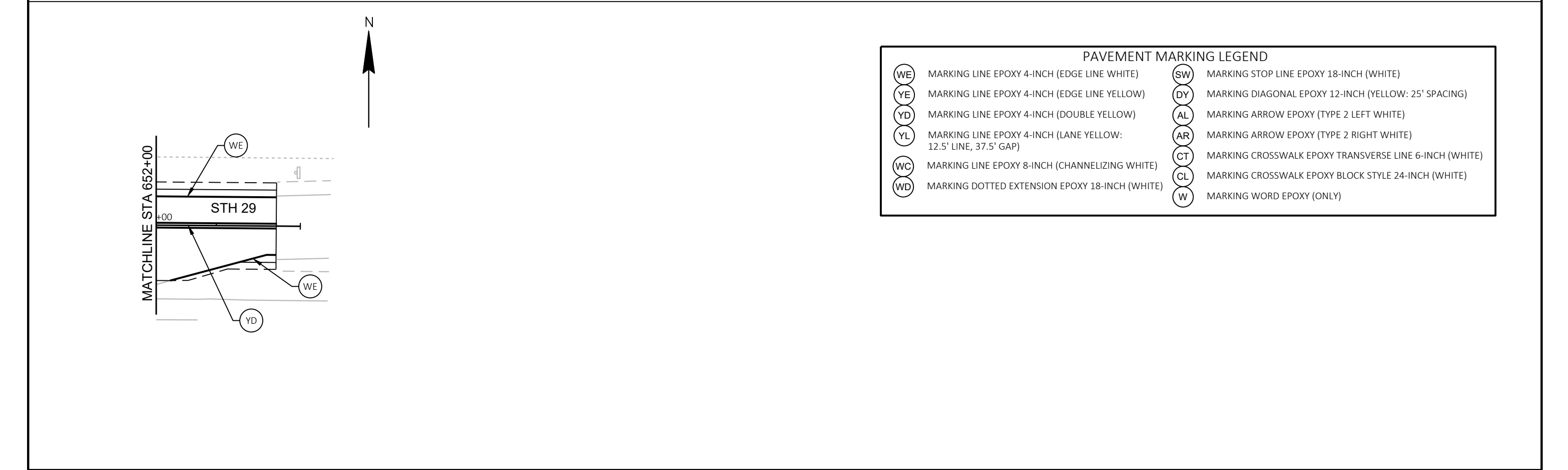
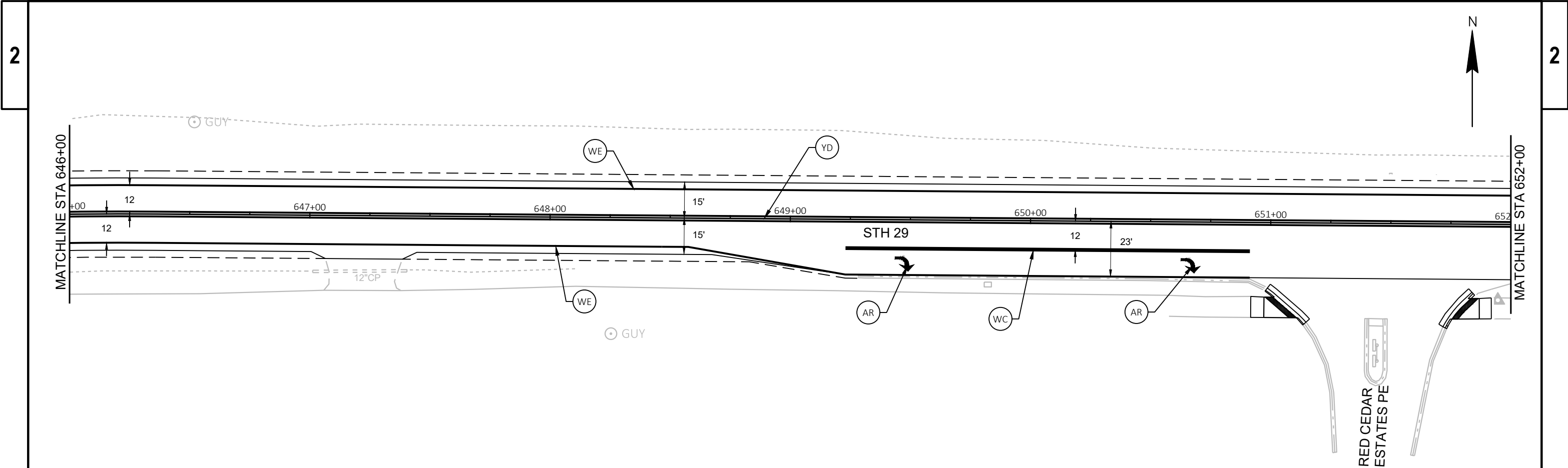


PAVEMENT MARKING LEGEND			
(WE)	MARKING LINE EPOXY 4-INCH (EDGE LINE WHITE)	(SW)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(YE)	MARKING LINE EPOXY 4-INCH (EDGE LINE YELLOW)	(DY)	MARKING DIAGONAL EPOXY 12-INCH (YELLOW: 25' SPACING)
(YD)	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	(AL)	MARKING ARROW EPOXY (TYPE 2 LEFT WHITE)
(YL)	MARKING LINE EPOXY 4-INCH (LANE YELLOW: 12.5' LINE, 37.5' GAP)	(AR)	MARKING ARROW EPOXY (TYPE 2 RIGHT WHITE)
(WC)	MARKING LINE EPOXY 8-INCH (CHANNELIZING WHITE)	(CT)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
(WD)	MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE)	(CL)	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
		(W)	MARKING WORD EPOXY (ONLY)



PAVEMENT MARKING LEGEND			
(WE)	MARKING LINE EPOXY 4-INCH (EDGE LINE WHITE)	(SW)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(YE)	MARKING LINE EPOXY 4-INCH (EDGE LINE YELLOW)	(DY)	MARKING DIAGONAL EPOXY 12-INCH (YELLOW: 25' SPACING)
(YD)	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	(AL)	MARKING ARROW EPOXY (TYPE 2 LEFT WHITE)
(YL)	MARKING LINE EPOXY 4-INCH (LANE YELLOW: 12.5' LINE, 37.5' GAP)	(AR)	MARKING ARROW EPOXY (TYPE 2 RIGHT WHITE)
(WC)	MARKING LINE EPOXY 8-INCH (CHANNELIZING WHITE)	(CT)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
(WD)	MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE)	(CL)	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
		(W)	MARKING WORD EPOXY (ONLY)





PAVEMENT MARKING LEGEND			
(WE)	MARKING LINE EPOXY 4-INCH (EDGE LINE WHITE)	(SW)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(YE)	MARKING LINE EPOXY 4-INCH (EDGE LINE YELLOW)	(DY)	MARKING DIAGONAL EPOXY 12-INCH (YELLOW: 25' SPACING)
(YD)	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	(AL)	MARKING ARROW EPOXY (TYPE 2 LEFT WHITE)
(YL)	MARKING LINE EPOXY 4-INCH (LANE YELLOW: 12.5' LINE, 37.5' GAP)	(AR)	MARKING ARROW EPOXY (TYPE 2 RIGHT WHITE)
(WC)	MARKING LINE EPOXY 8-INCH (CHANNELIZING WHITE)	(CT)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
(WD)	MARKING DOTTED EXTENSION EPOXY 18-INCH (WHITE)	(CL)	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
		(W)	MARKING WORD EPOXY (ONLY)

TRAFFIC CONTROL STAGE 1

TRAFFIC:
TRAFFIC ON EXISTING WB AND TWLT LANES FROM STATION 587+90 TO STATION 637+75 (EXCEPTION: LANE SHIFT FROM STATION 588+75 TO STATION 591+50).
TRAFFIC ON EXISTING PAVEMENT FROM STATION 637+75 TO STATION 652+50.
FLAGGING MAY BE NECESSARY FOR WORK WITHIN THE ROUNDABOUT.

CONSTRUCTION:
INSTALL TEMPORARY PEDESTRIAN CROSSINGS AT LOCATIONS WITHIN WORK ZONE AND AS SHOWN ON CURB RAMP DETAILS.

REMOVE EXISTING CURB RAMPS, CURB AND GUTTER, AND SIDEWALK AS SHOWN IN WORK ZONE FOR SPOT REPAIRS.

CONSTRUCT NEW CURB RAMPS, CURB & GUTTER, AND SIDEWALK AS SHOWN IN WORK ZONE FOR SPOT REPAIRS.

ASPHALT PATCHING.

TRAFFIC CONTROL STAGE 2

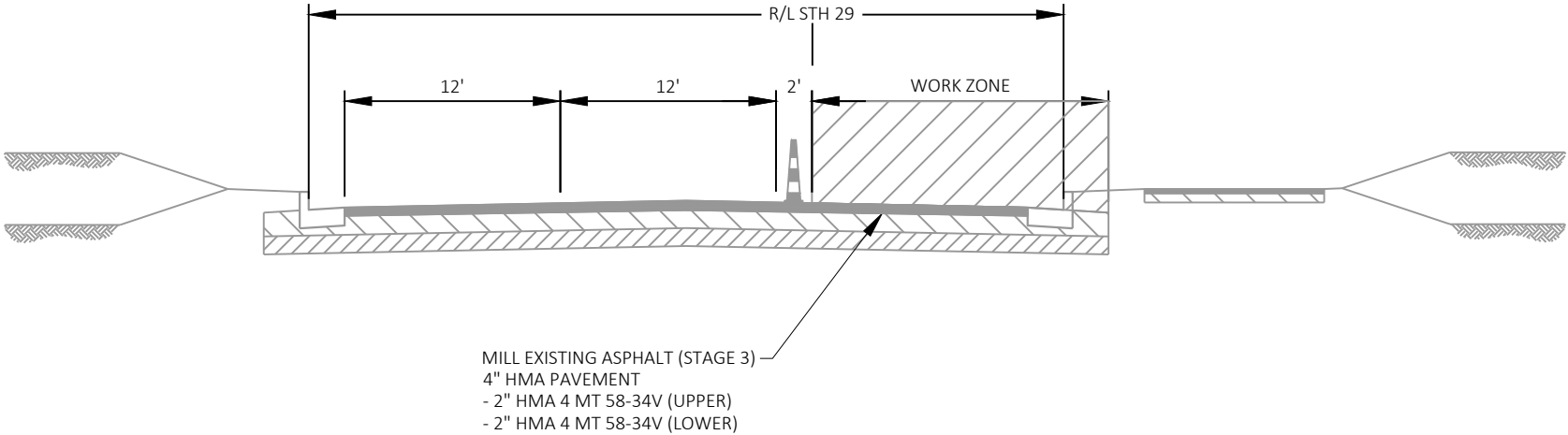
TRAFFIC:
TRAFFIC ON EXISTING WB AND TWLT LANES FROM STATION 587+90 TO STATION 637+75.
TRAFFIC THROUGH ROUNDABOUT AND EAST TO STATION 652+50 FLAGGED ON SINGLE LANE.

CONSTRUCTION:
MILL AND OVERLAY FROM STATION 637+75 TO STATION 652+50.

TRAFFIC CONTROL STAGE 3

TRAFFIC:
TRAFFIC ON EXISTING WB AND TWLT LANES FROM STATION 587+90 TO STATION 637+75. TRAFFIC ON NEW PAVEMENT FROM STATION 637+75 TO STATION 652+50.

CONSTRUCTION:
MILL AND OVERLAY THE EB LANE FROM STATION 587+90 TO STATION 637+75.



TRAFFIC CONTROL STAGES 1-3
(LOOKING EAST FROM STATION 587+90 TO STATION 637+75)

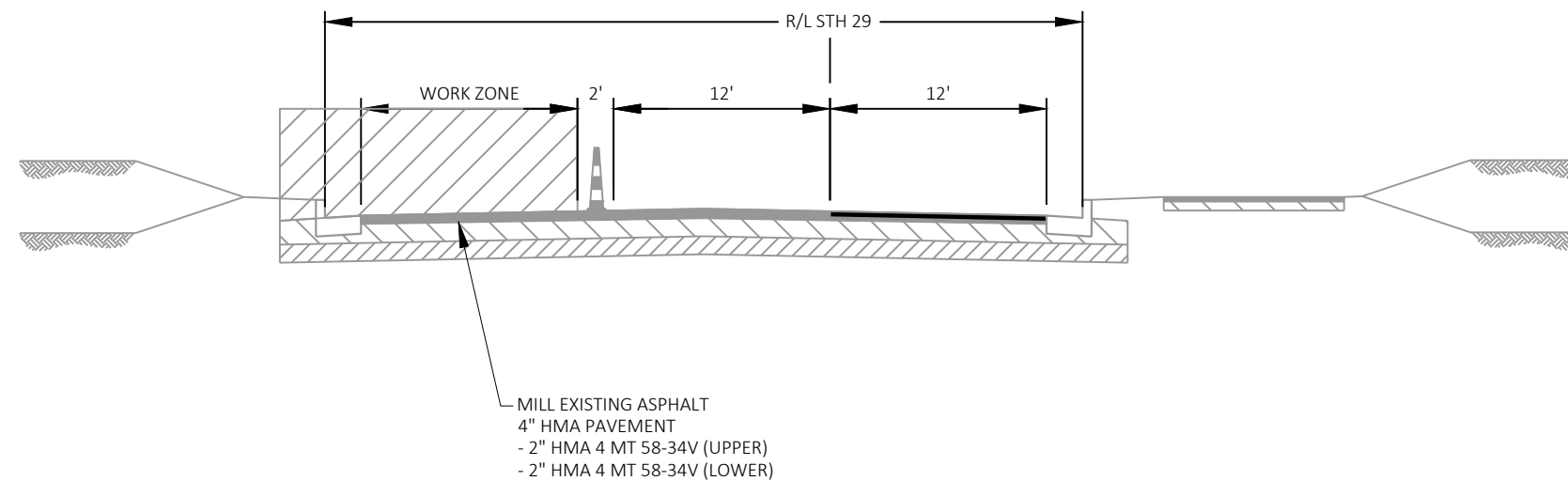
TRAFFIC CONTROL STAGE 4
(LOOKING EAST FROM STATION 587+90 TO STATION 637+75)

TRAFFIC:
INSTALL TEMPORARY PEDESTRIAN CROSSINGS AT LOCATIONS WITHIN WORK ZONE AND AS SHOWN ON CURB RAMP DETAILS.

REMOVE EXISTING CURB RAMPS, CURB & GUTTER, AND SIDEWALK AS SHOWN IN WORK ZONE FOR SPOT REPAIRS.

CONSTRUCT NEW CURB RAMPS, CURB & GUTTER, AND SIDEWALK AS SHOWN IN WORK ZONE FOR SPOT REPAIRS.

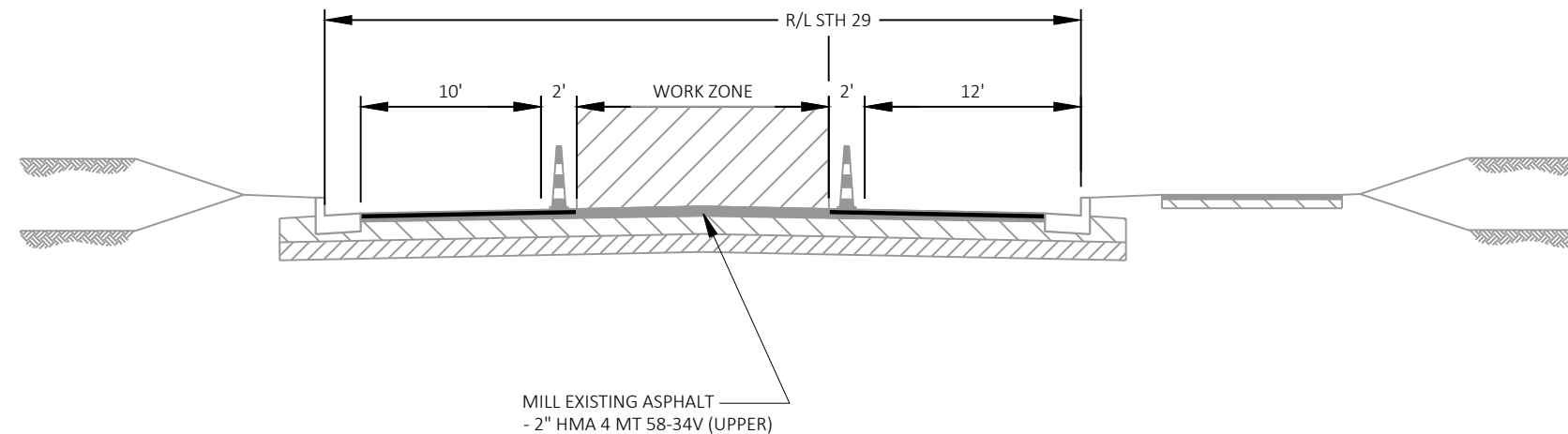
MILL AND OVERLAY THE WB LANE FROM STATION 587+90 TO STATION 637+75.

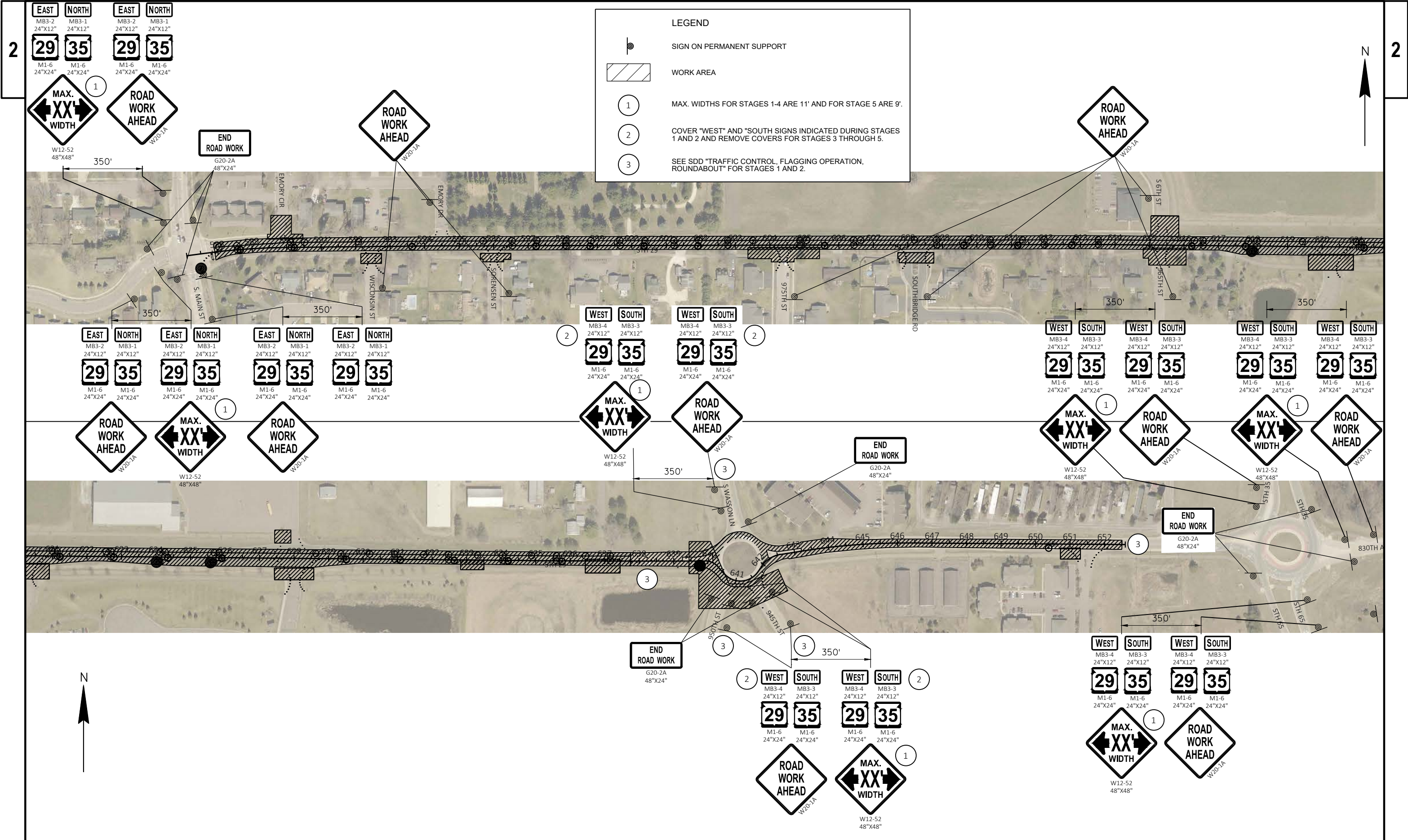


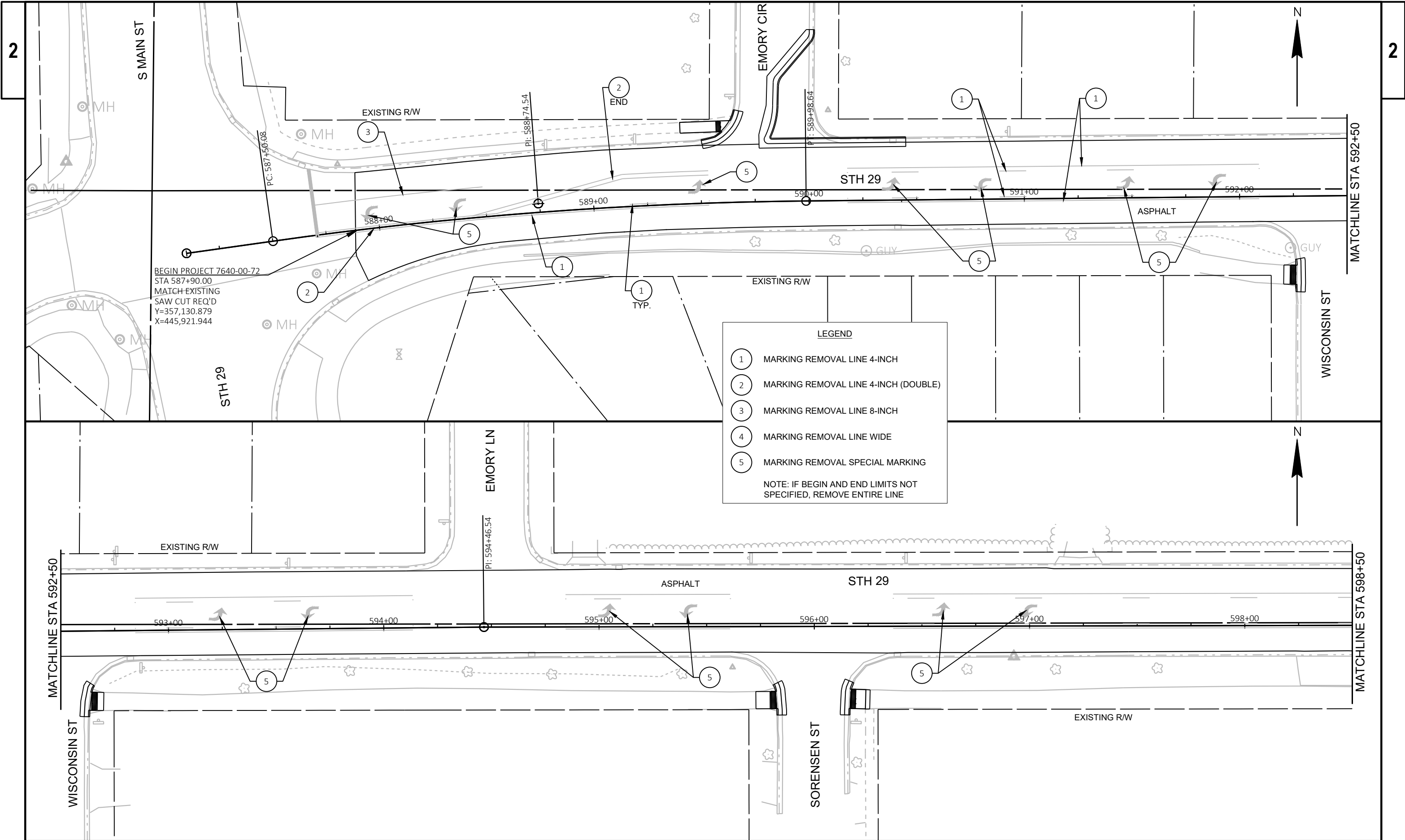
TRAFFIC CONTROL STAGE 5
(LOOKING EAST FROM STATION 587+90 TO STATION 637+75)

TRAFFIC:
TRAFFIC ON NEW EB AND NEW WB LANES.

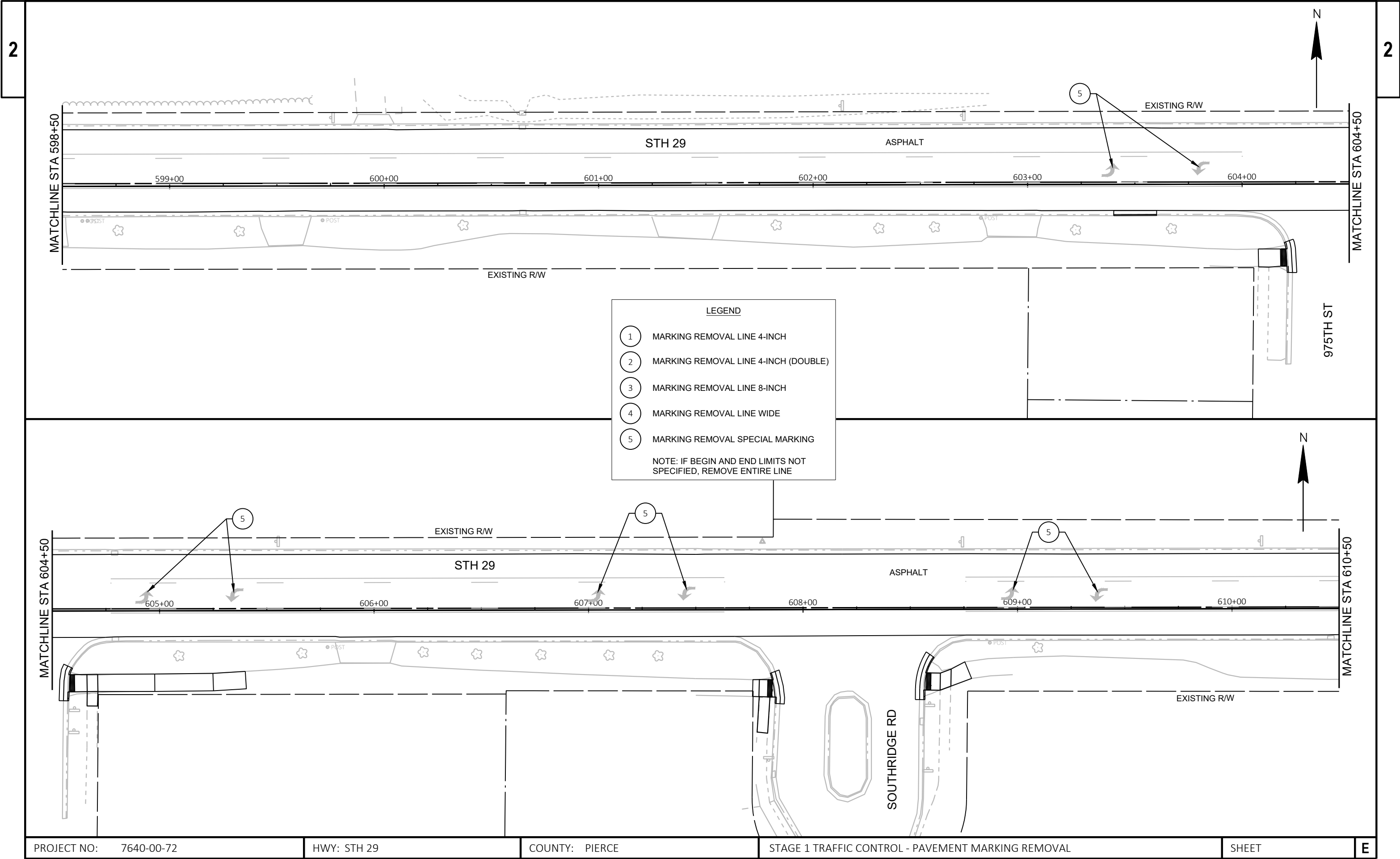
CONSTRUCTION:
MILL AND OVERLAY THE TWLTL FROM STATION 587+90 TO STATION 637+75.

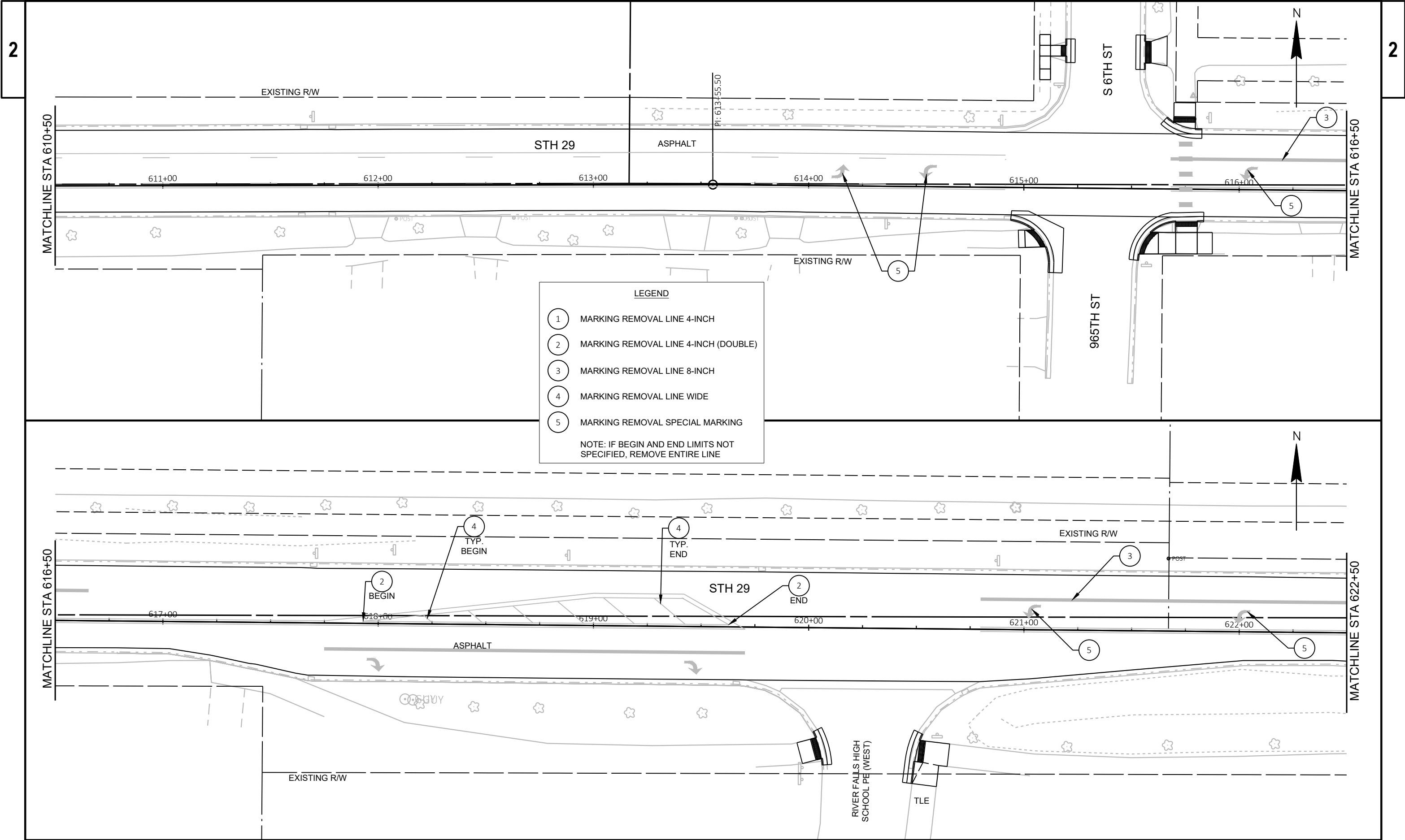


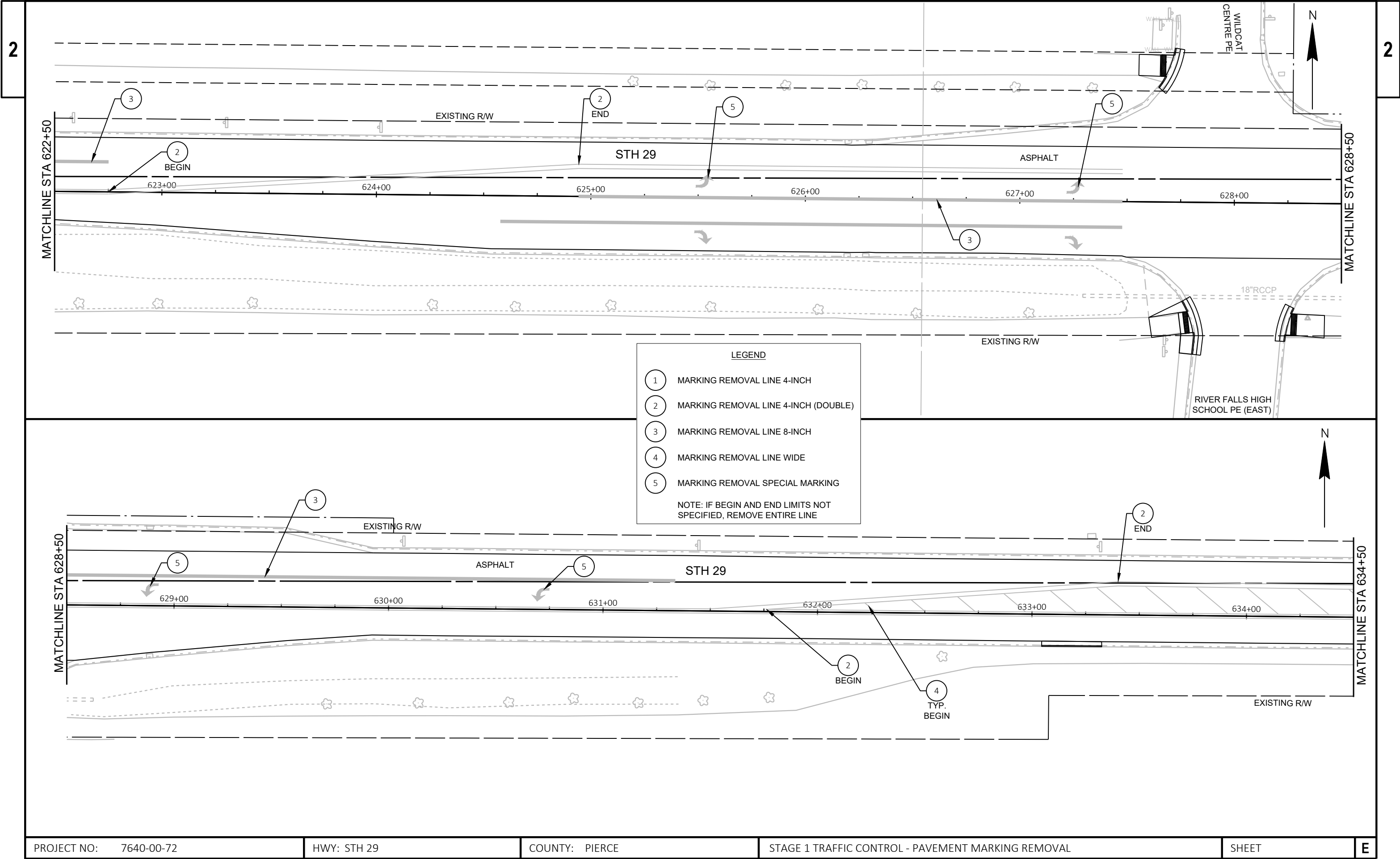


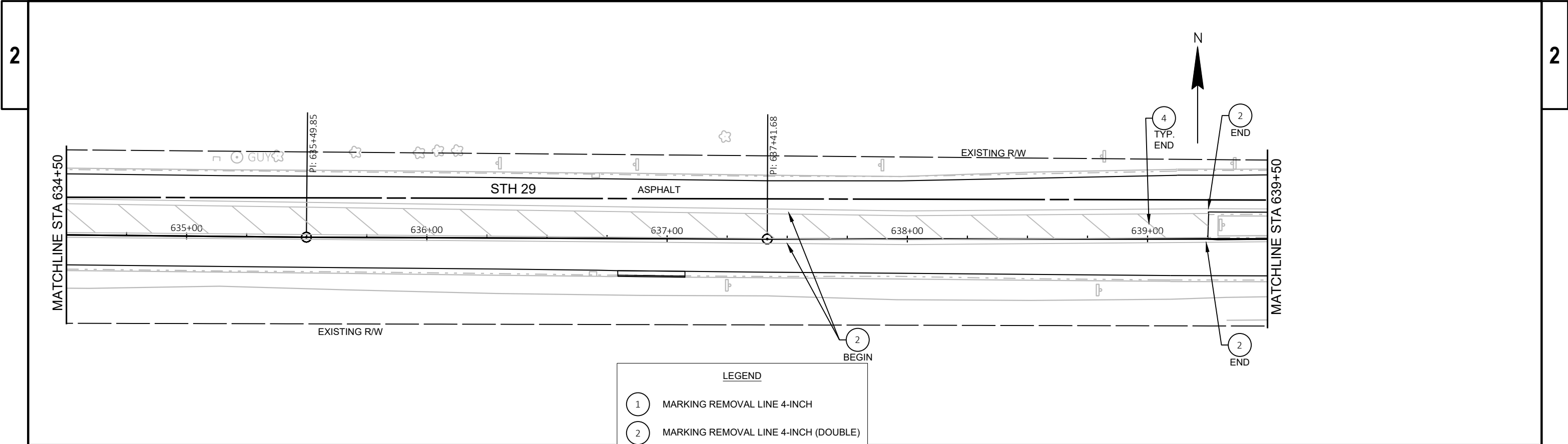


PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	STAGE 1 TRAFFIC CONTROL - PAVEMENT MARKING REMOVAL	SHEET	E
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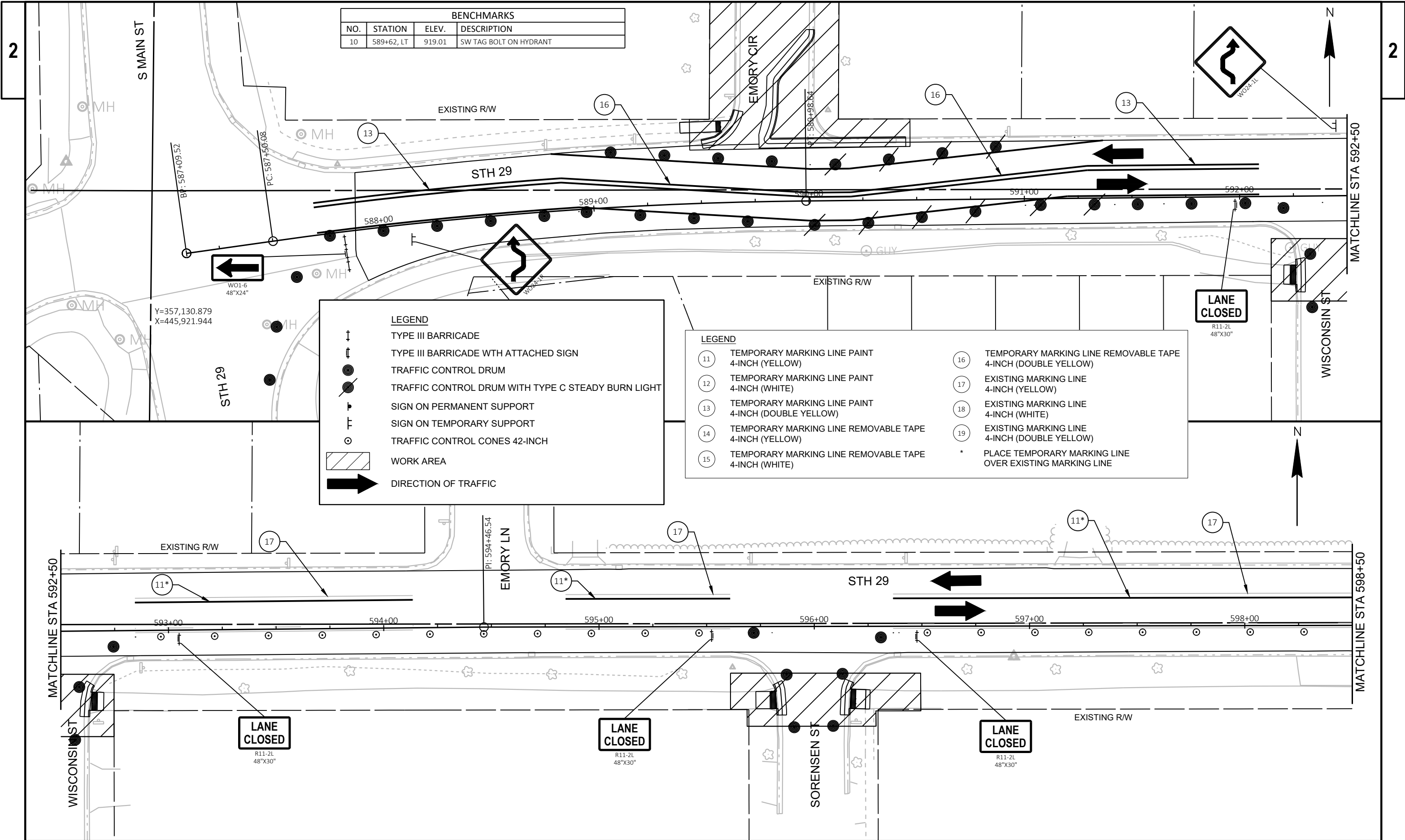




LEGEND

- 1 MARKING REMOVAL LINE 4-INCH
- 2 MARKING REMOVAL LINE 4-INCH (DOUBLE)
- 3 MARKING REMOVAL LINE 8-INCH
- 4 MARKING REMOVAL LINE WIDE
- 5 MARKING REMOVAL SPECIAL MARKING

NOTE: IF BEGIN AND END LIMITS NOT SPECIFIED, REMOVE ENTIRE LINE



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
10	589+62, LT	919.01	SW TAG BOLT ON HYDRANT

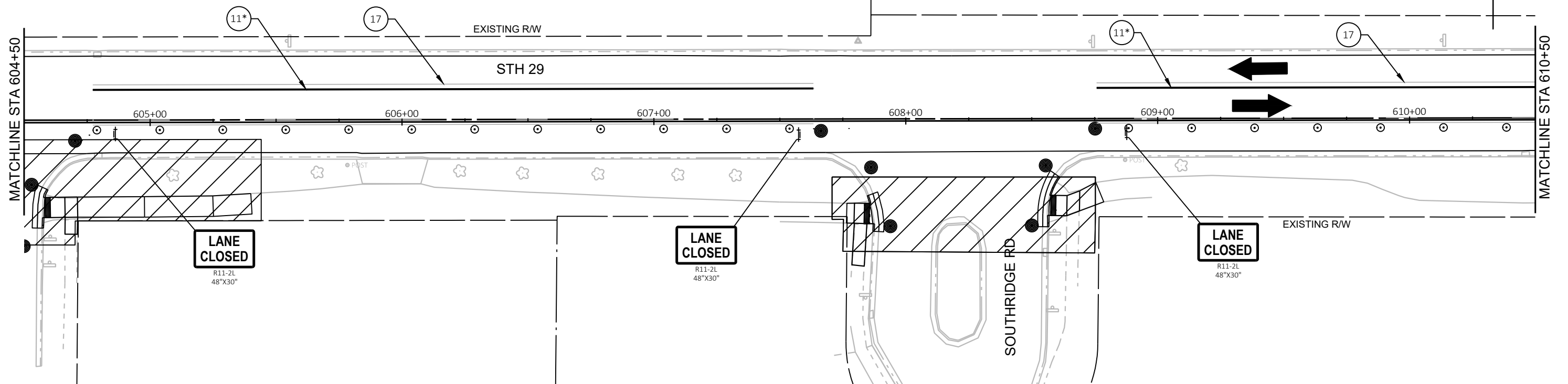
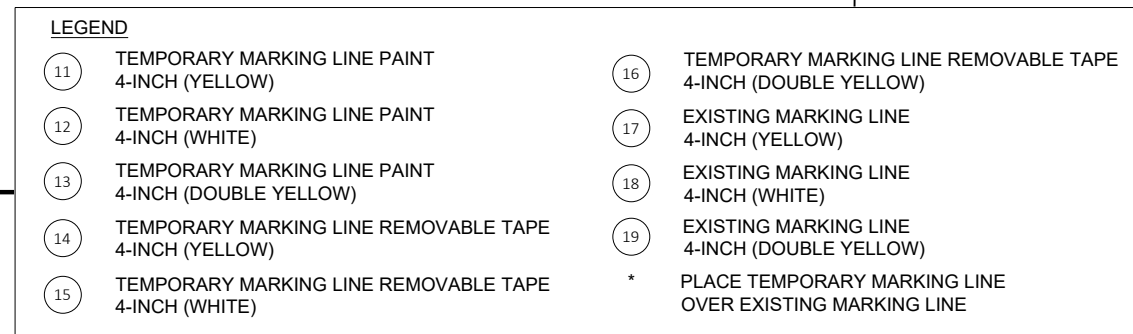
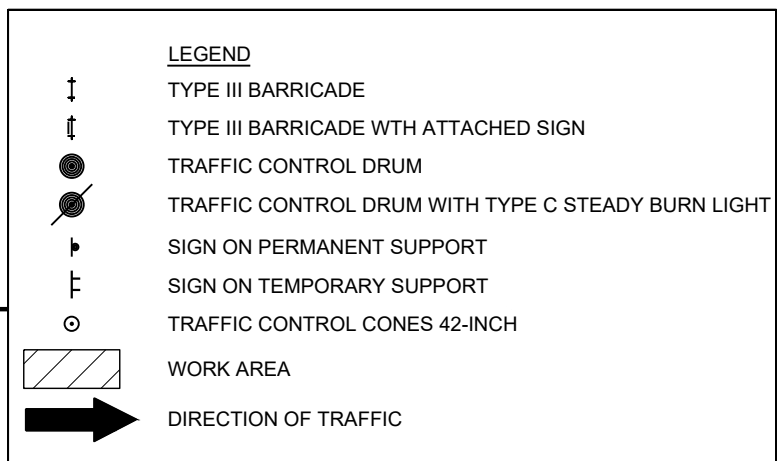
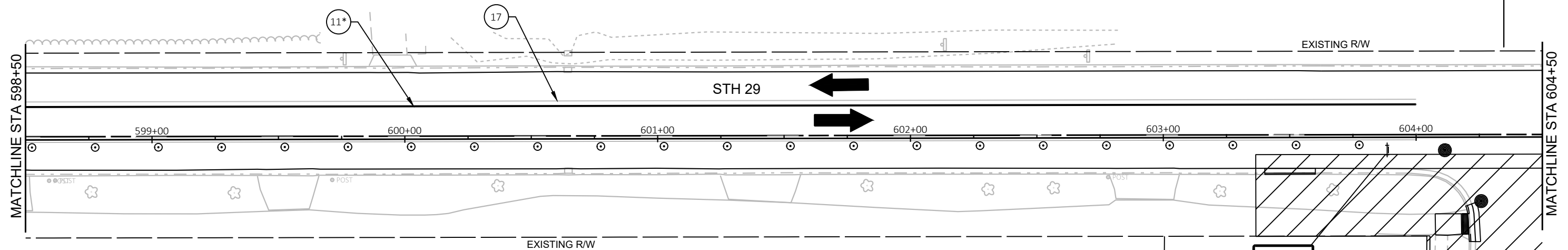
LEGEND

TYPE III BARRICADE
TYPE III BARRICADE WTH ATTACHED SIGN
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL CONES 42-INCH
WORK AREA
DIRECTION OF TRAFFIC

LEGEND

TEMPORARY MARKING LINE PAINT
4-INCH (YELLOW)
TEMPORARY MARKING LINE PAINT
4-INCH (WHITE)
TEMPORARY MARKING LINE PAINT
4-INCH (DOUBLE YELLOW)
TEMPORARY MARKING LINE REMOVABLE TAPE
4-INCH (YELLOW)
TEMPORARY MARKING LINE REMOVABLE TAPE
4-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE
4-INCH (DOUBLE YELLOW)
EXISTING MARKING LINE
4-INCH (YELLOW)
EXISTING MARKING LINE
4-INCH (WHITE)
EXISTING MARKING LINE
4-INCH (DOUBLE YELLOW)
PLACE TEMPORARY MARKING LINE
OVER EXISTING MARKING LINE



PROJECT NO: 7640-00-72

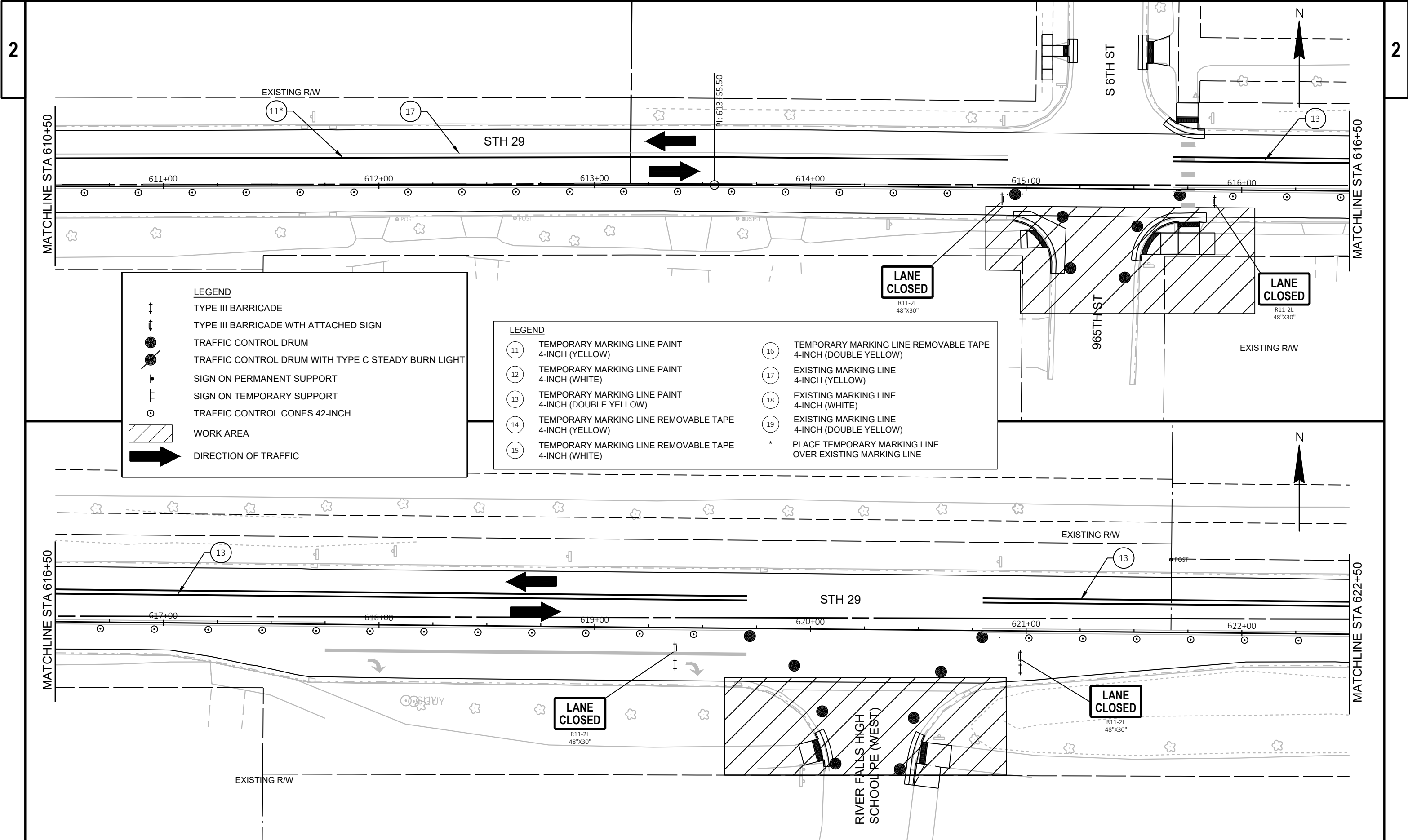
HWY: STH 29

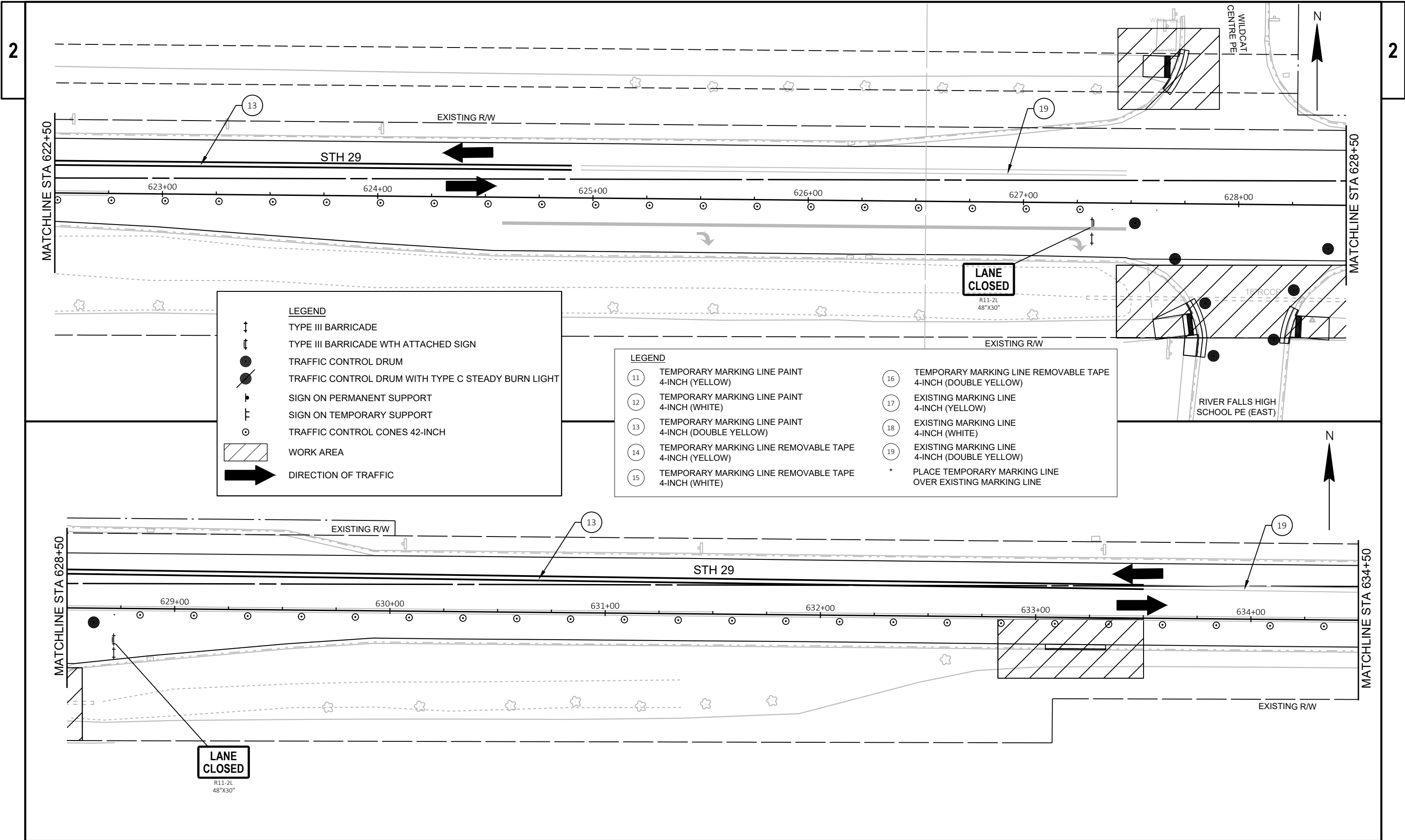
COUNTY: PIERCE

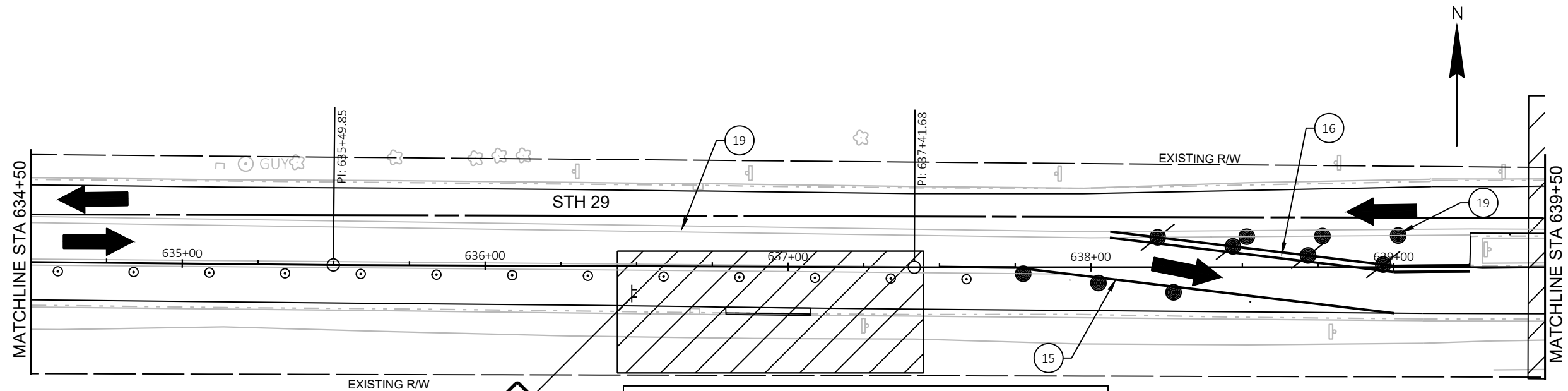
STAGE 1 TRAFFIC CONTROL

SHEET

E



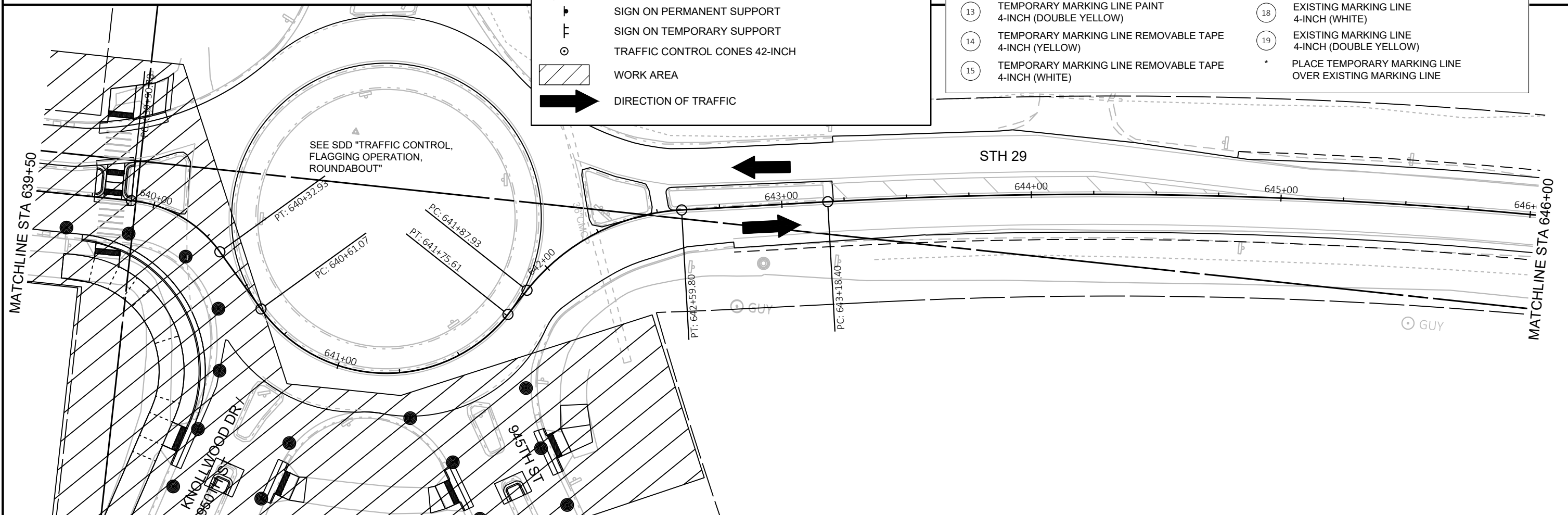


**LEGEND**

- ↑ TYPE III BARRICADE
- ↑ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ▬ SIGN ON PERMANENT SUPPORT
- ▬ SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL CONES 42-INCH
- ▨ WORK AREA
- ➔ DIRECTION OF TRAFFIC

LEGEND

- | | | | |
|----|---|----|--|
| 11 | TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW) | 16 | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW) |
| 12 | TEMPORARY MARKING LINE PAINT 4-INCH (WHITE) | 17 | EXISTING MARKING LINE 4-INCH (YELLOW) |
| 13 | TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW) | 18 | EXISTING MARKING LINE 4-INCH (WHITE) |
| 14 | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) | 19 | EXISTING MARKING LINE 4-INCH (DOUBLE YELLOW) |
| 15 | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) | * | PLACE TEMPORARY MARKING LINE OVER EXISTING MARKING LINE |



PROJECT NO: 7640-00-72

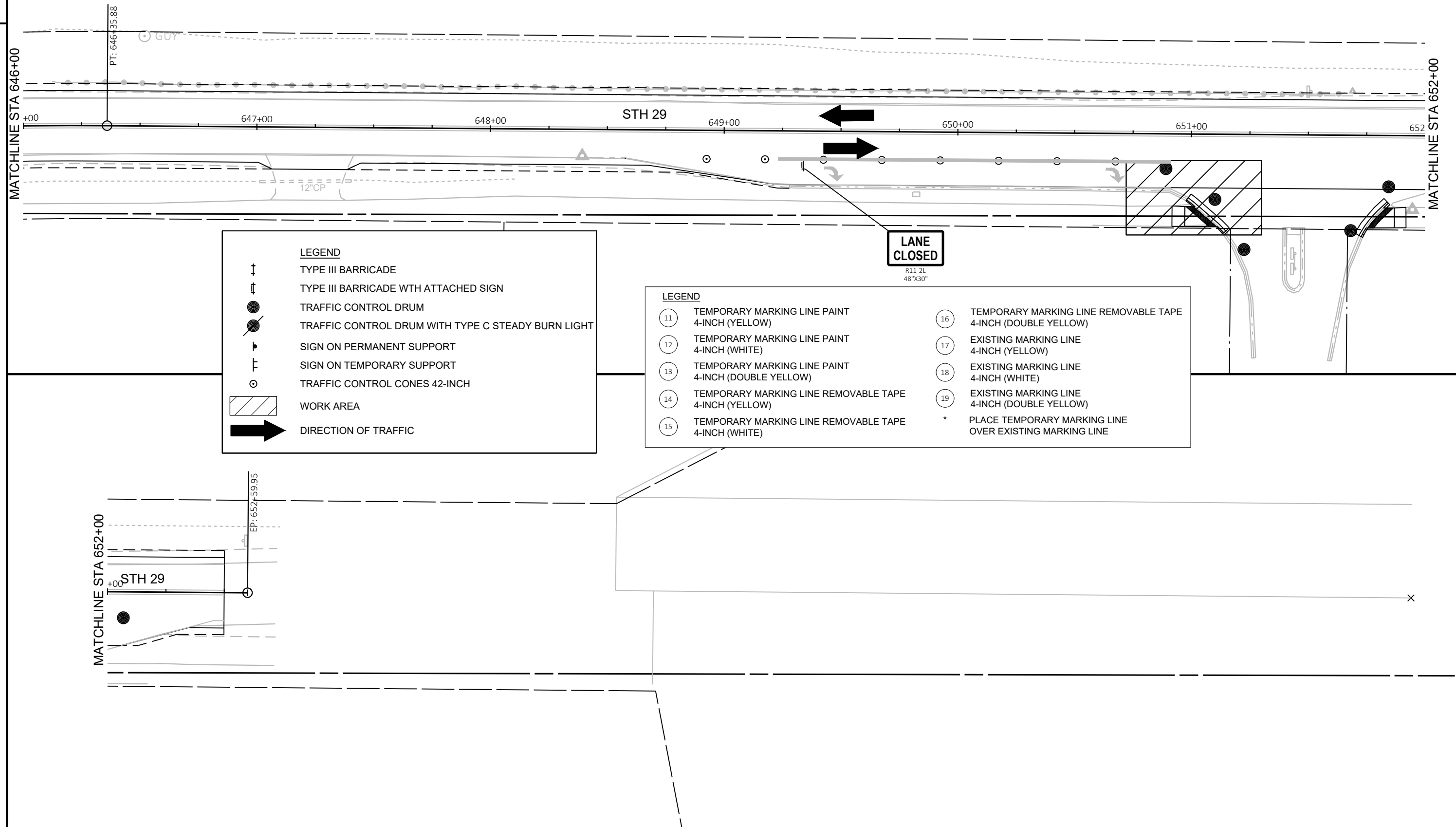
HWY: STH 29

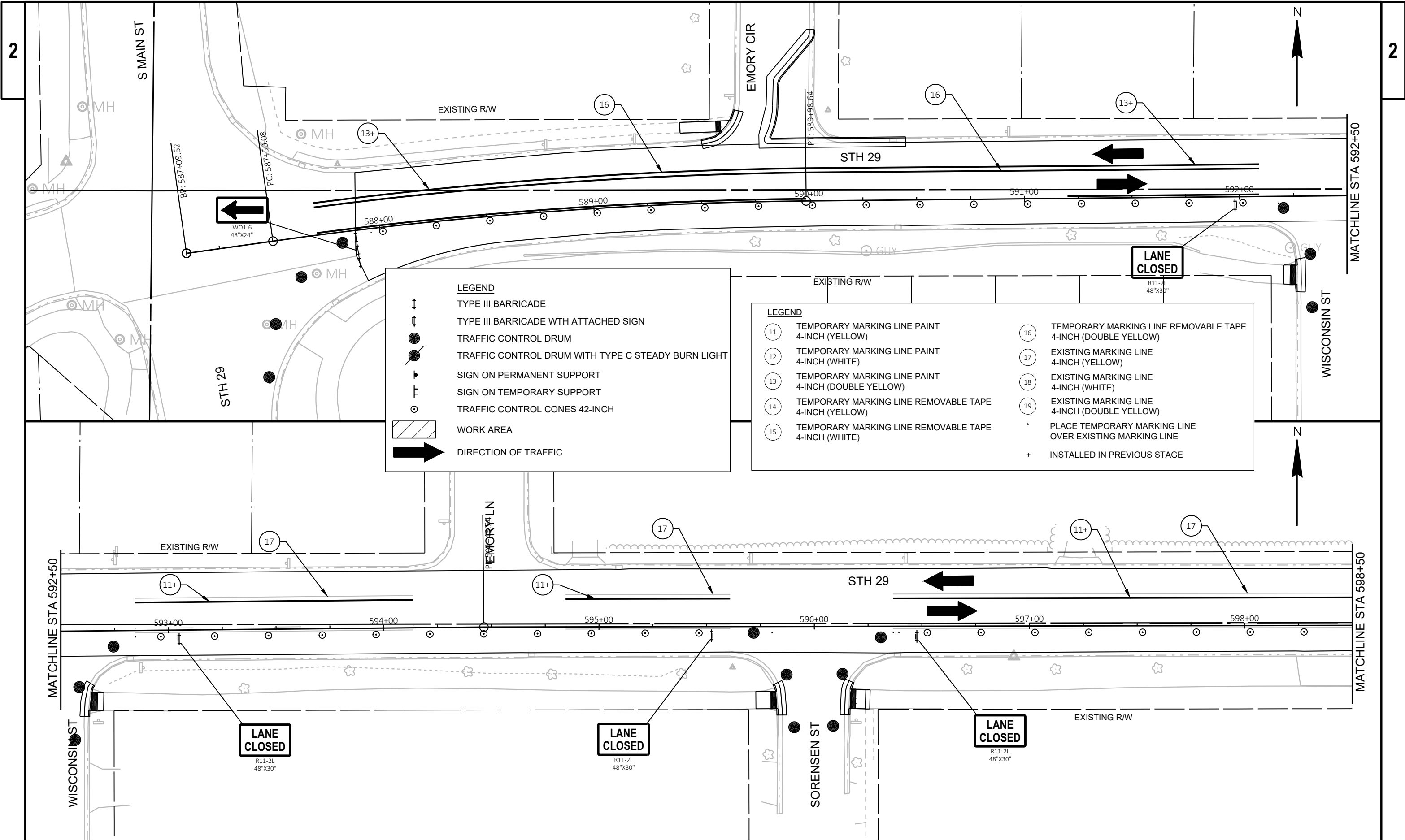
COUNTY: PIERCE

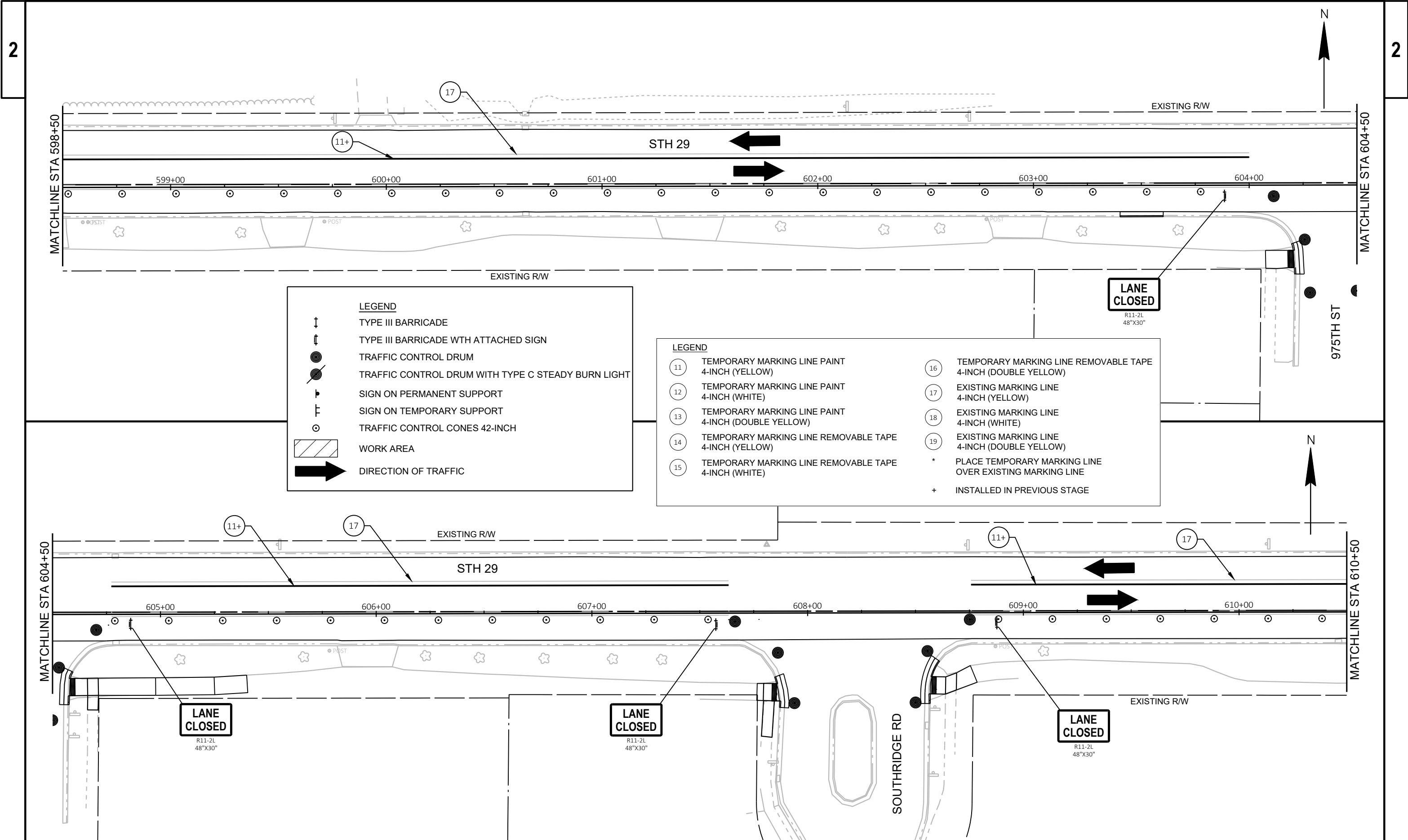
STAGE 1 TRAFFIC CONTROL

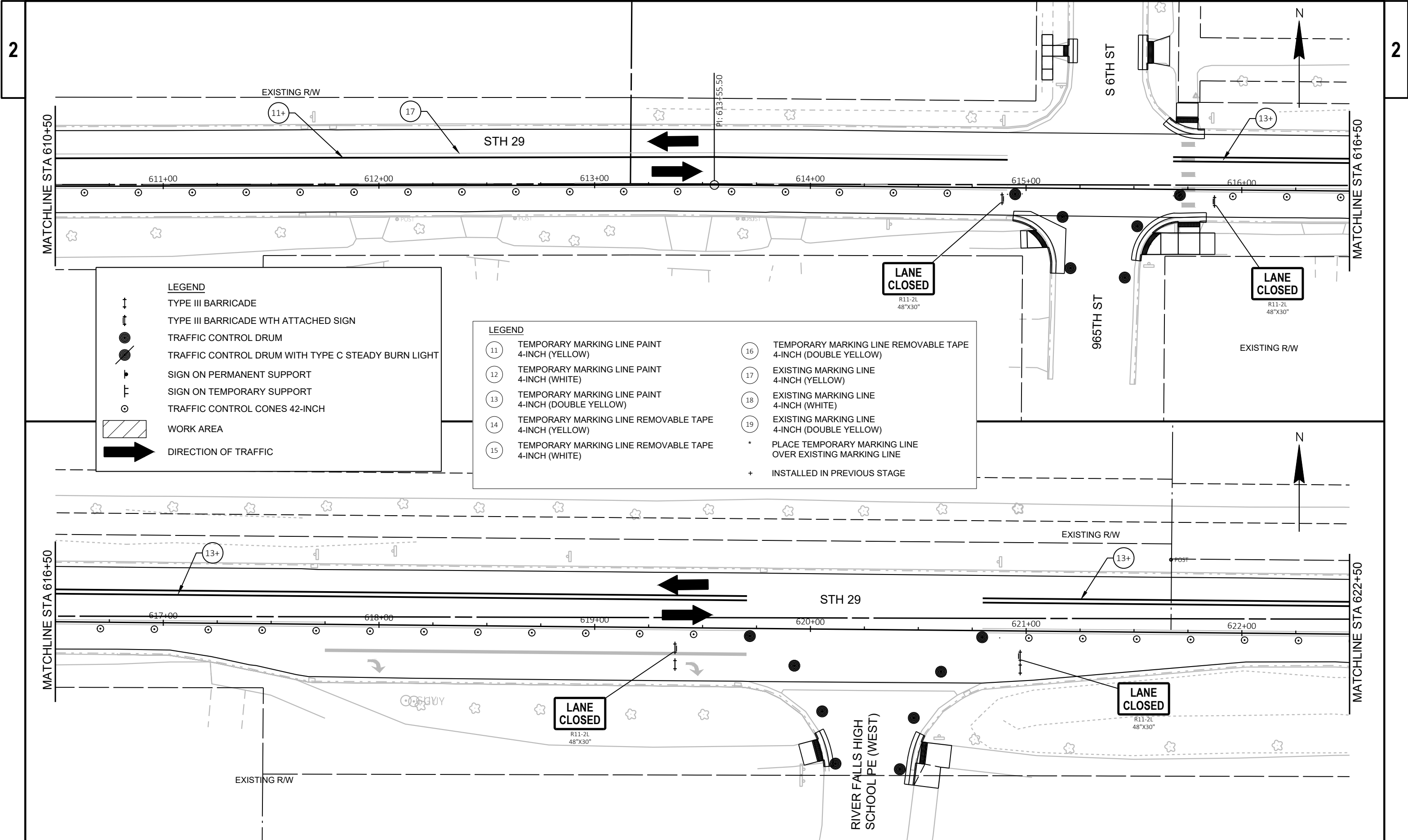
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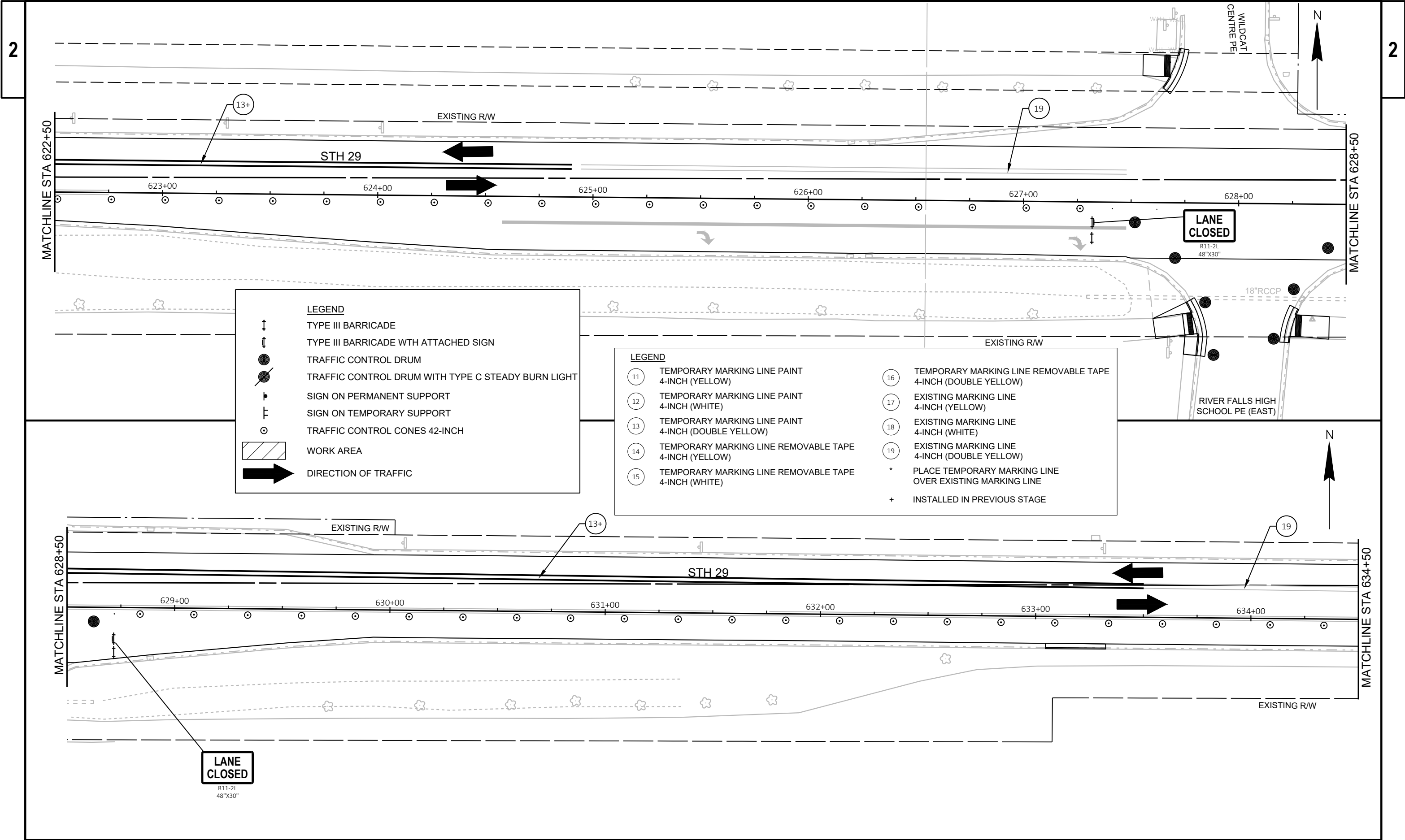
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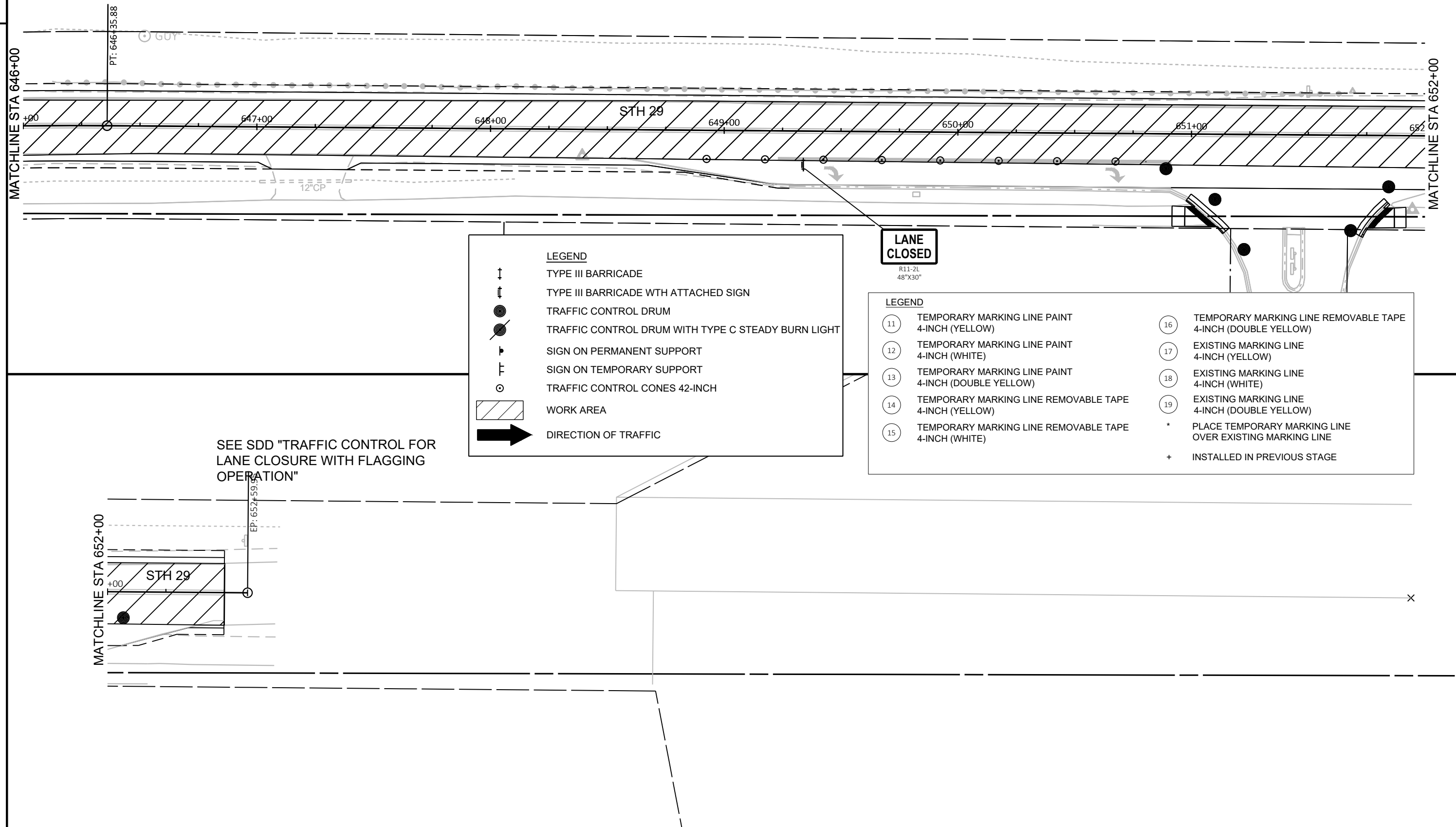












PROJECT NO: 7640-00-72

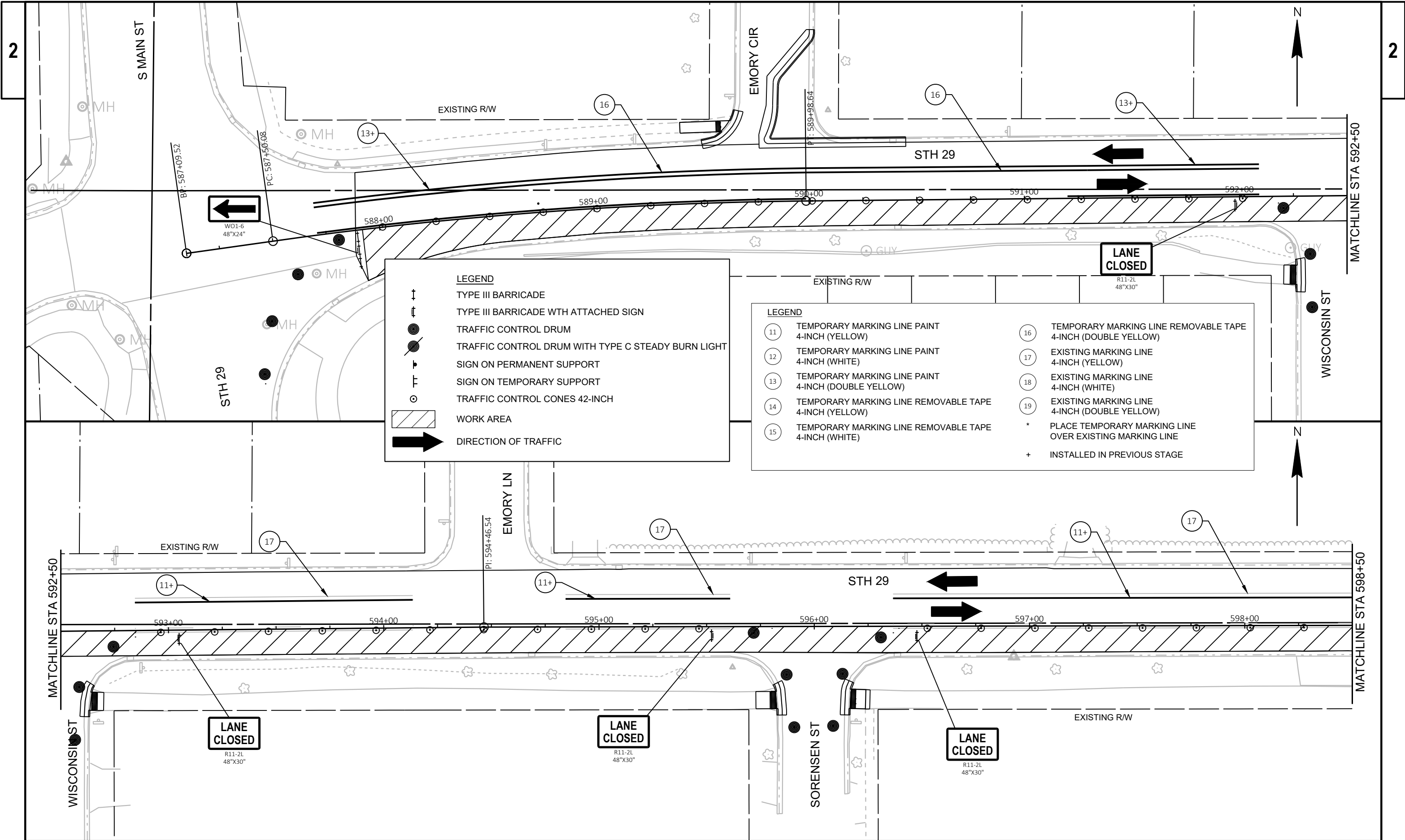
HWY: STH 29

COUNTY: PIERCE

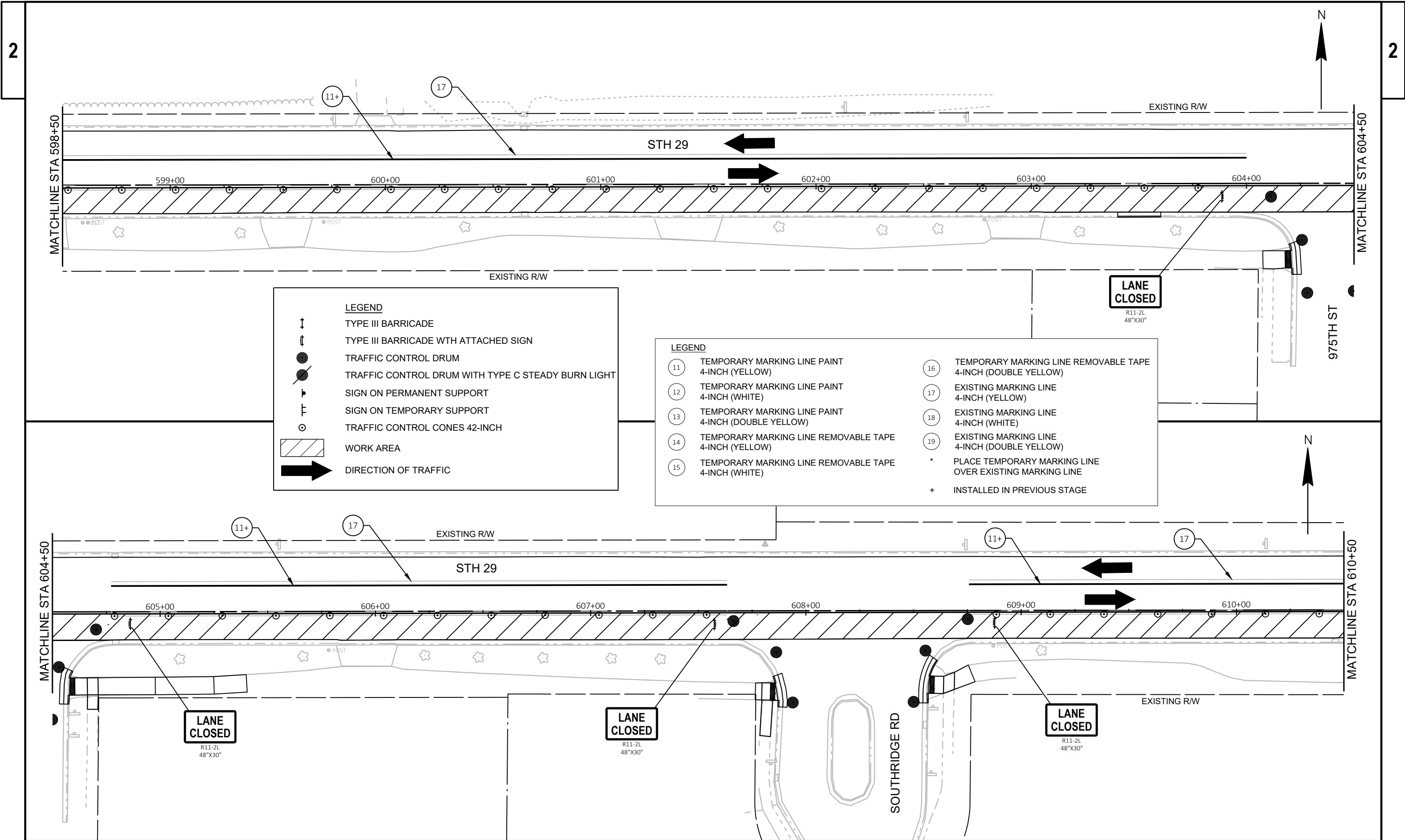
STAGE 2 TRAFFIC CONTROL

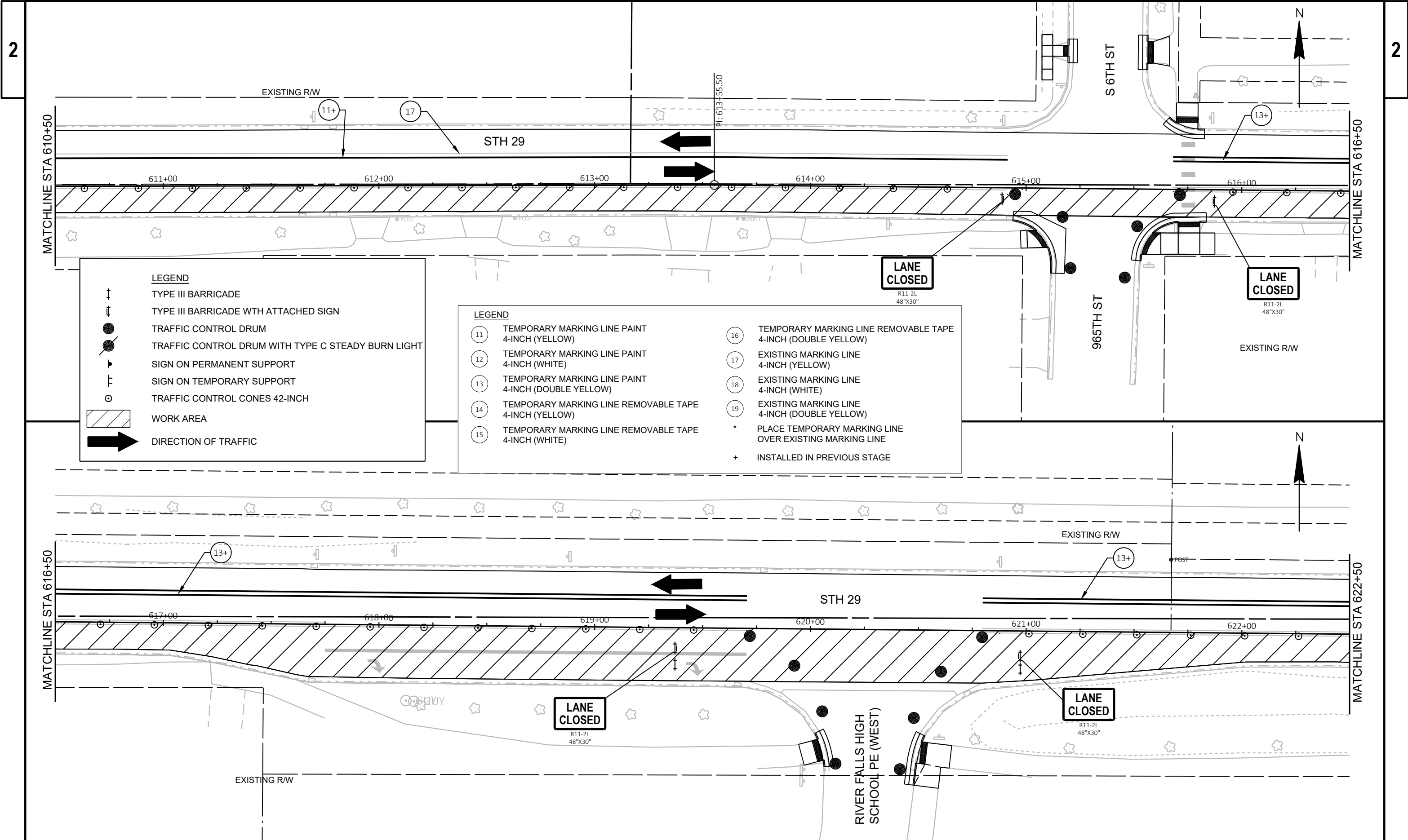
SHEET

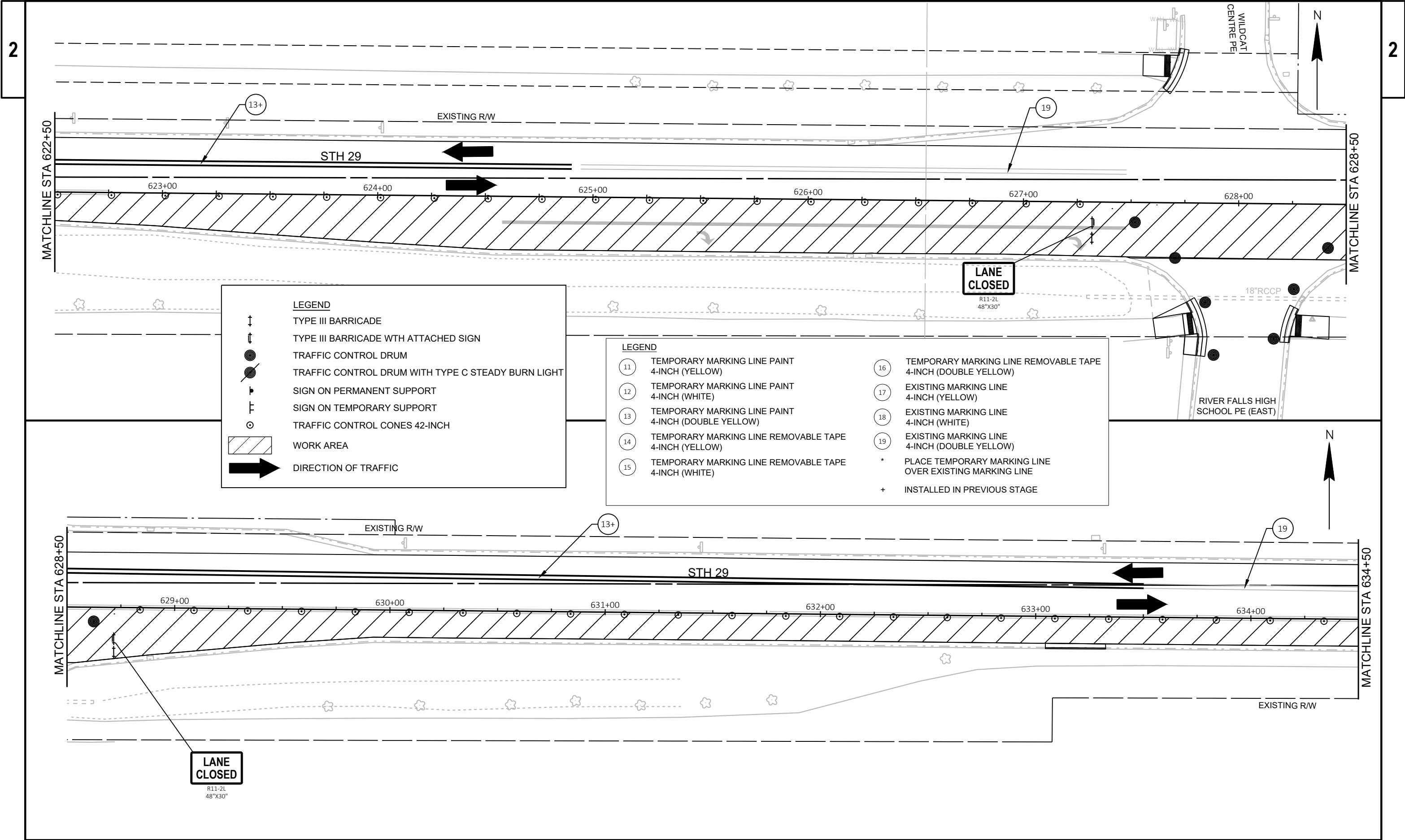
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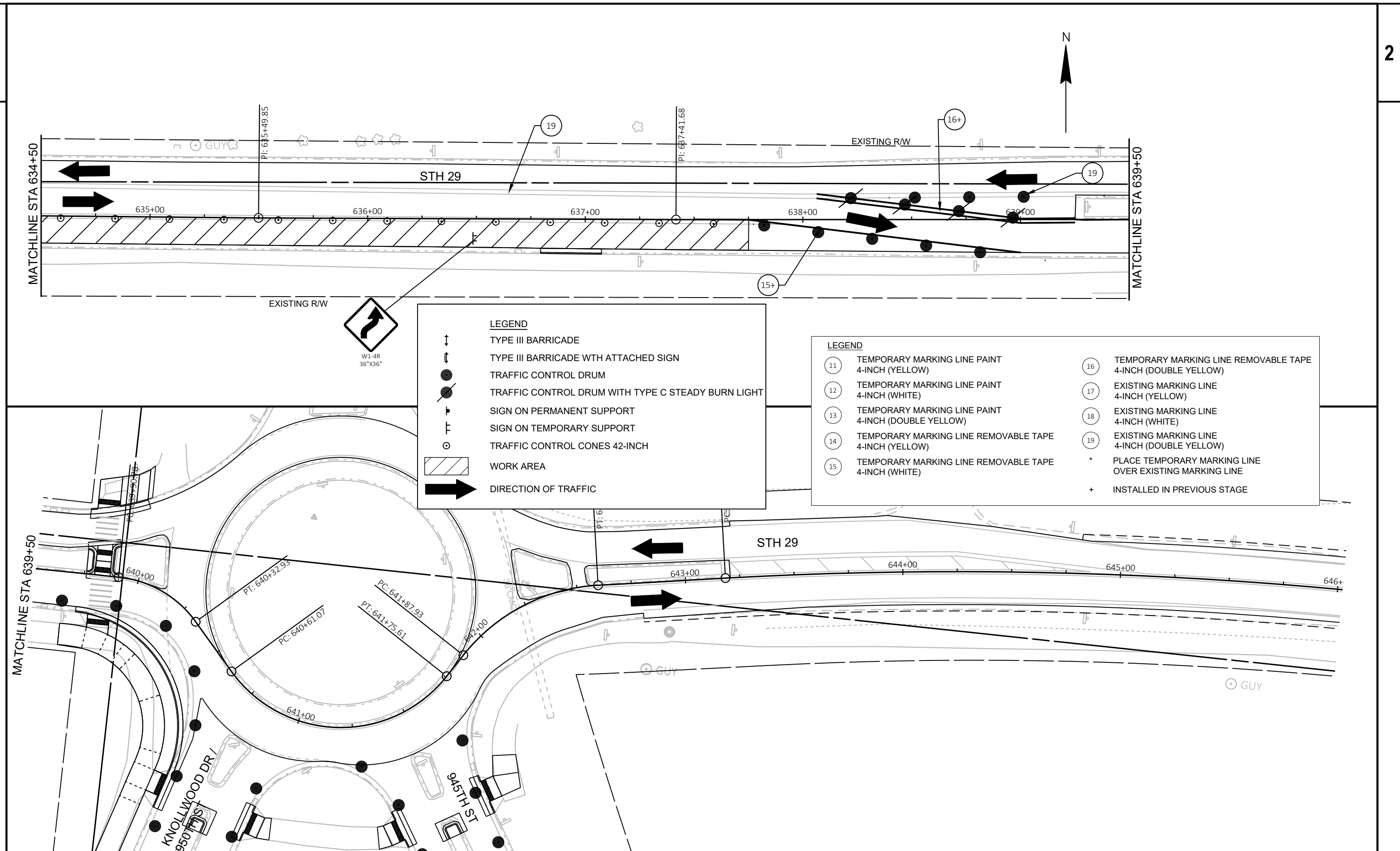


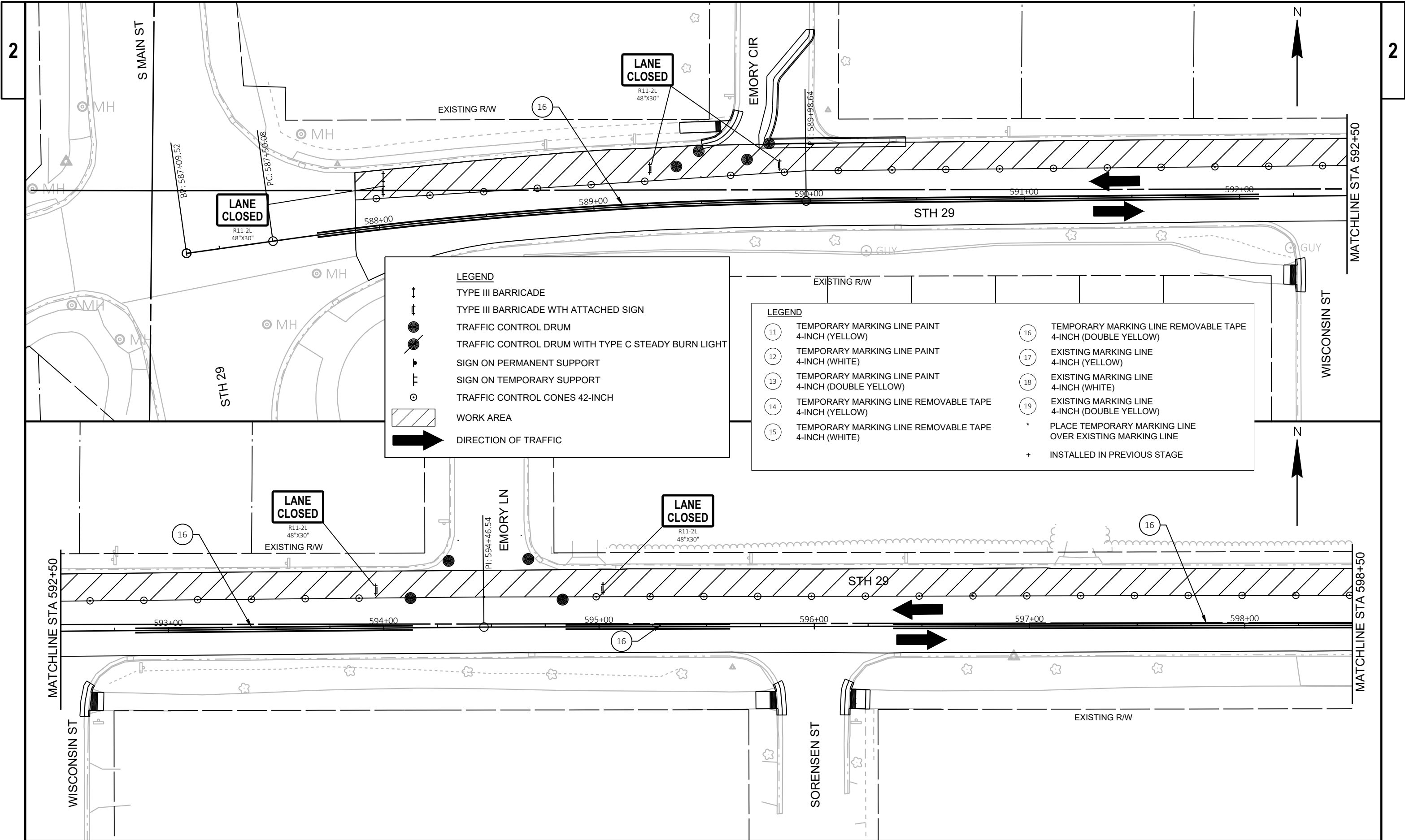
PROJECT NO:	7640-00-72	HWY:	STH 29	COUNTY:	PIERCE	STAGE 3 TRAFFIC CONTROL	SHEET	E
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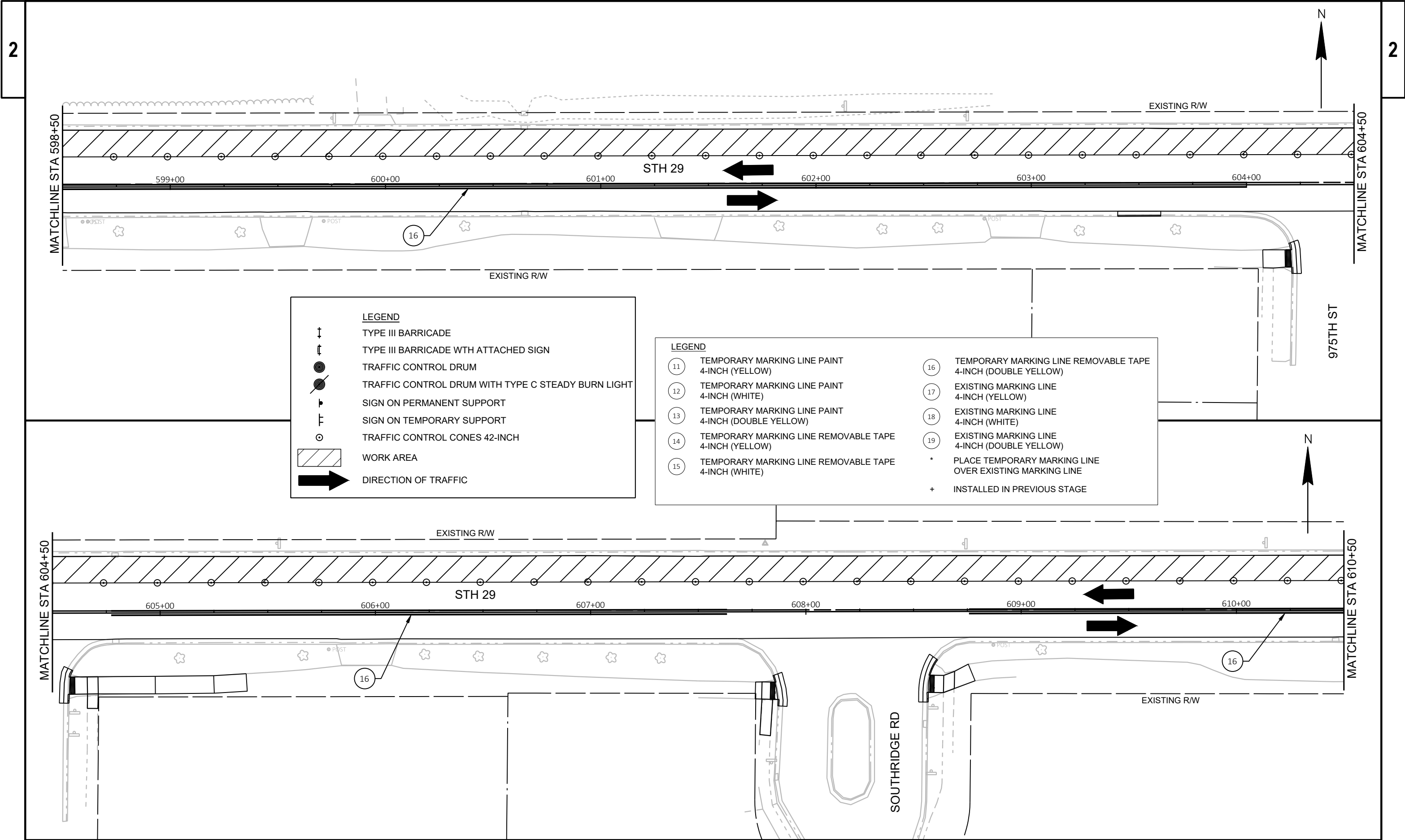


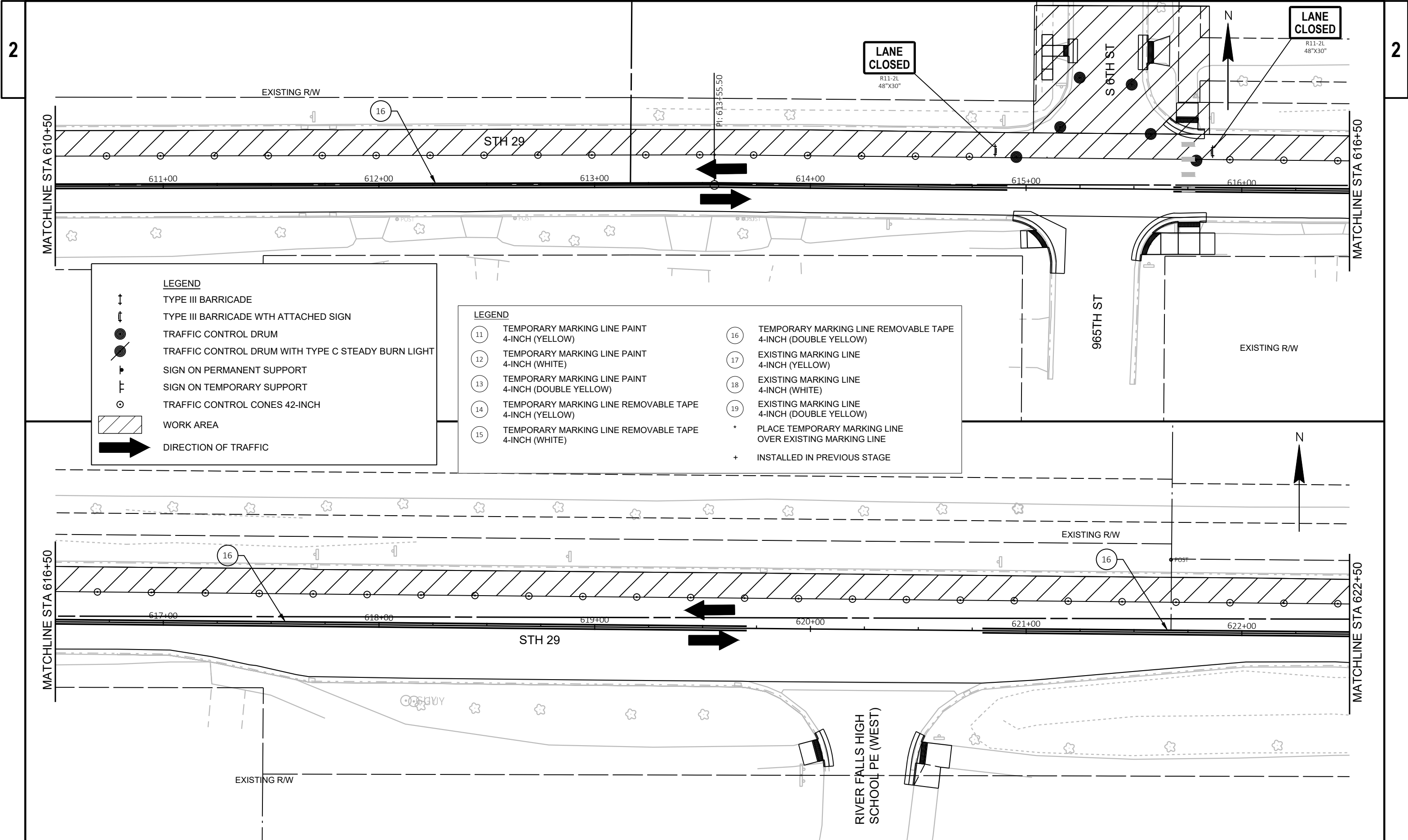


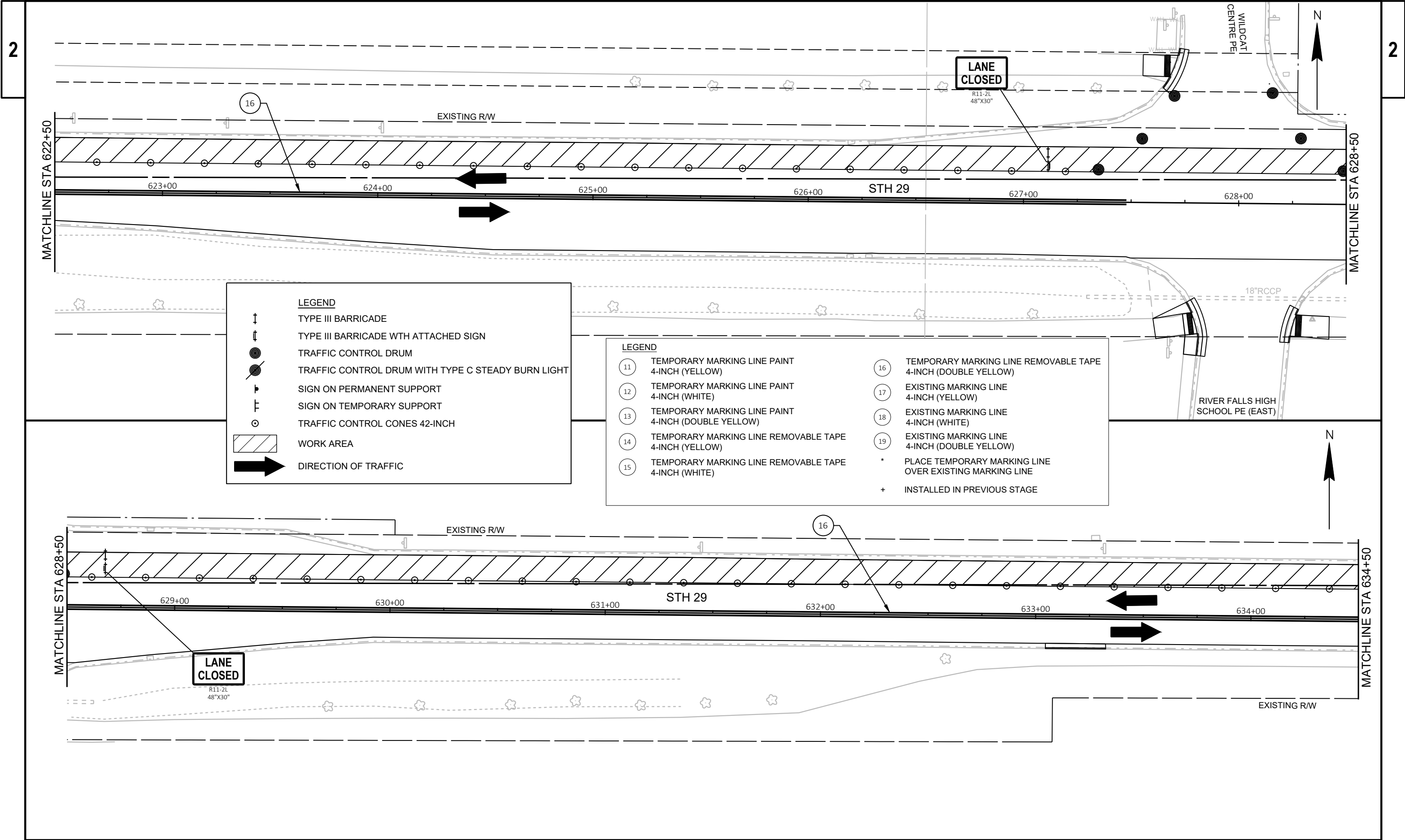


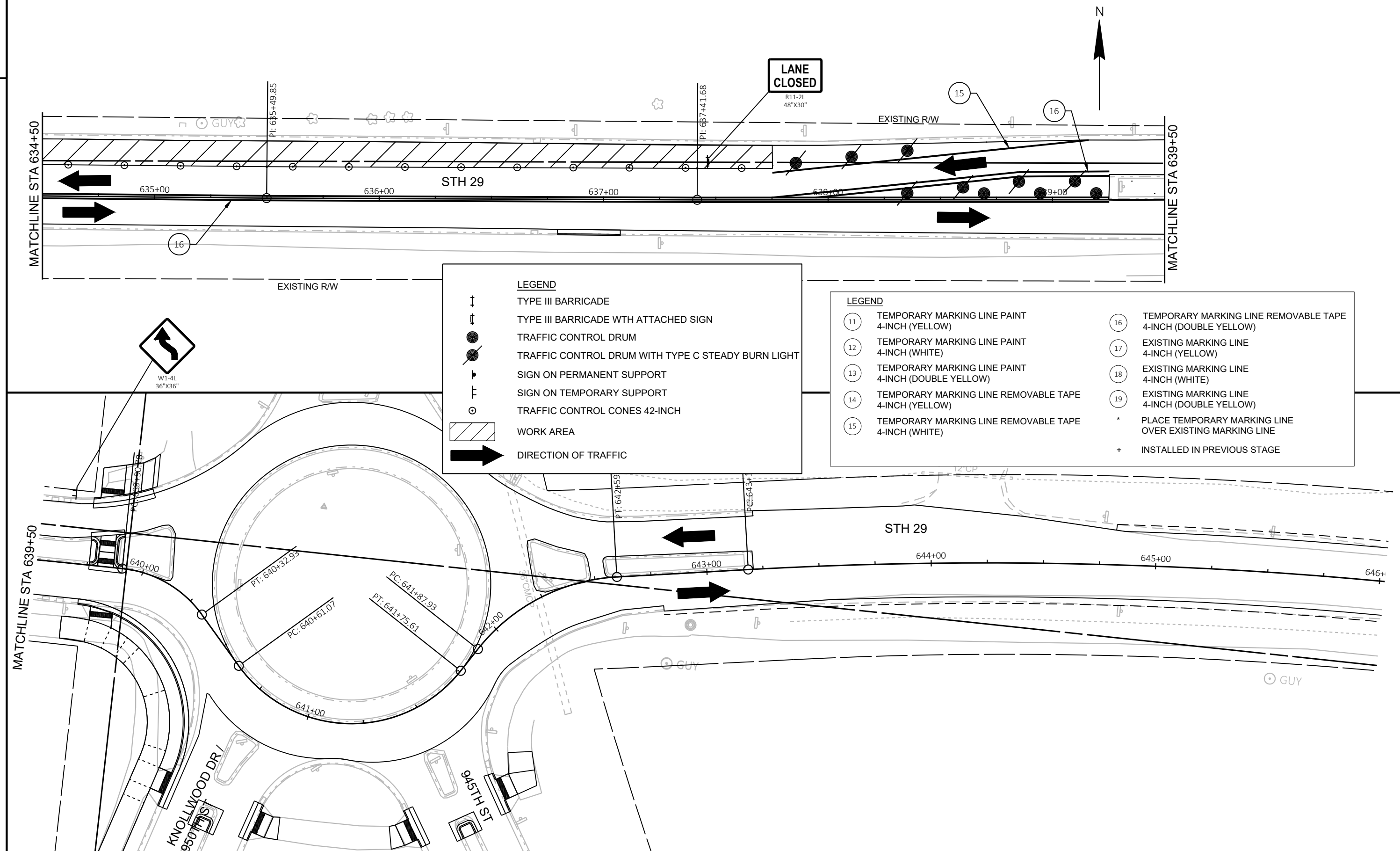












PROJECT NO: 7640-00-72

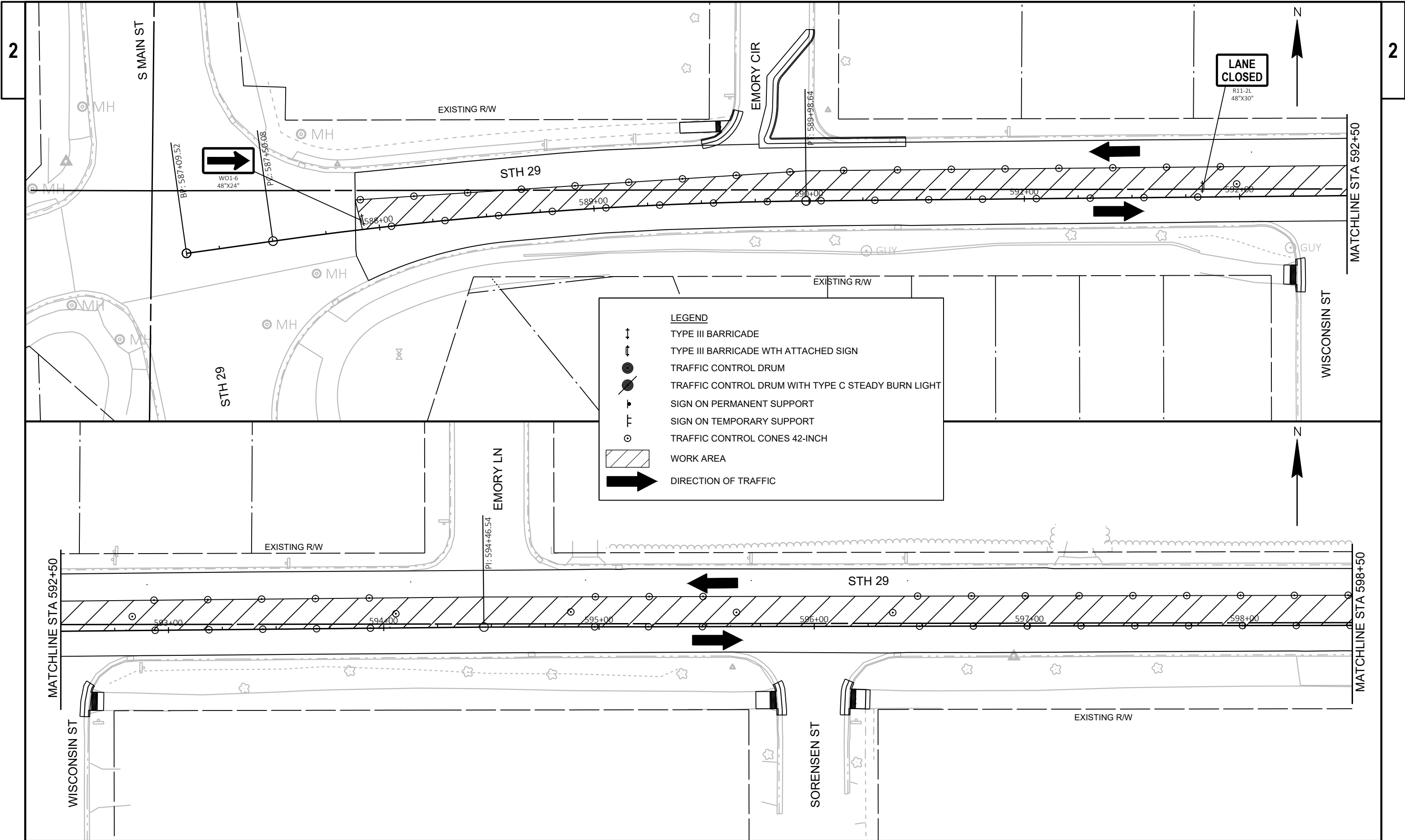
HWY: STH 29

COUNTY: PIERCE

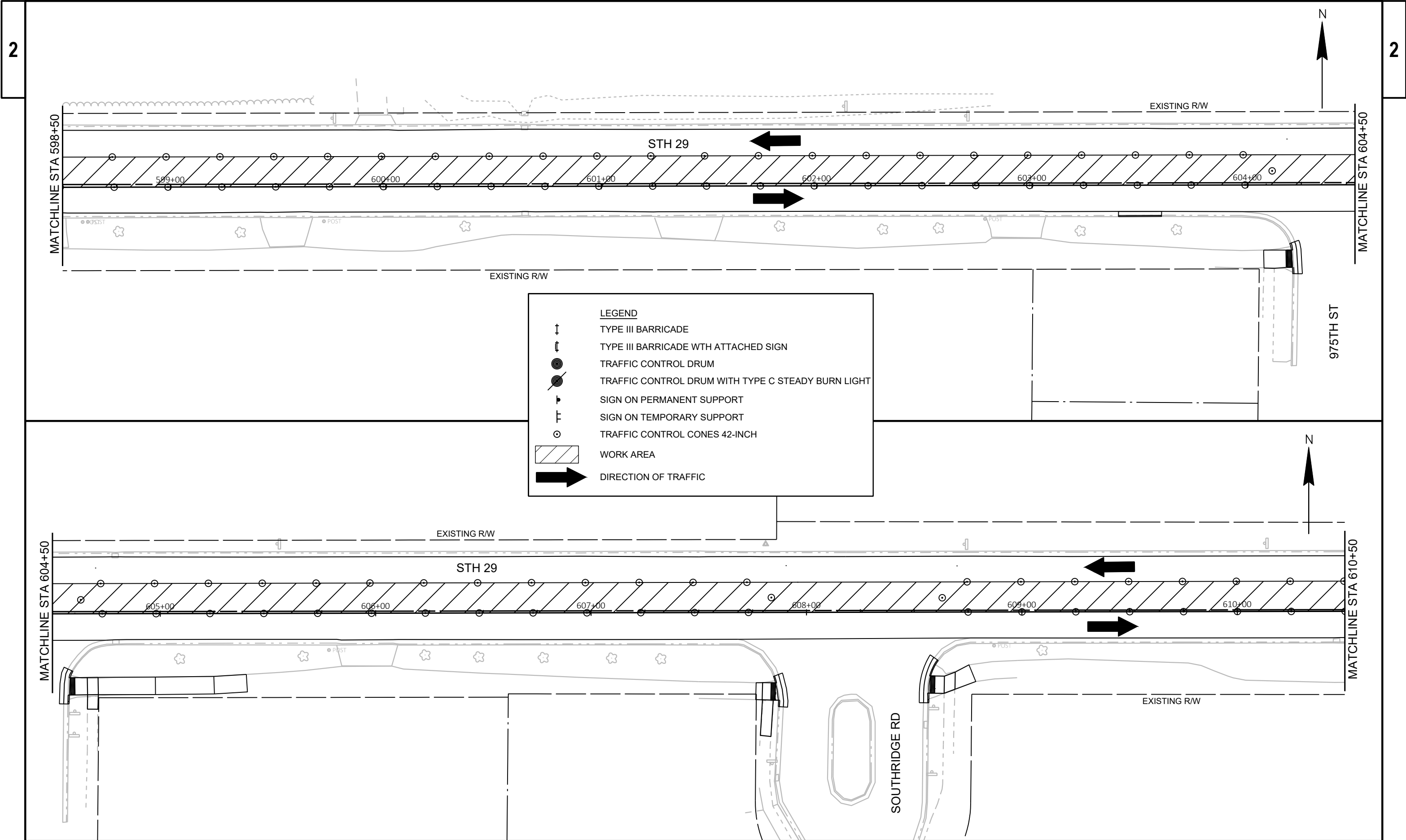
STAGE 4 TRAFFIC CONTROL

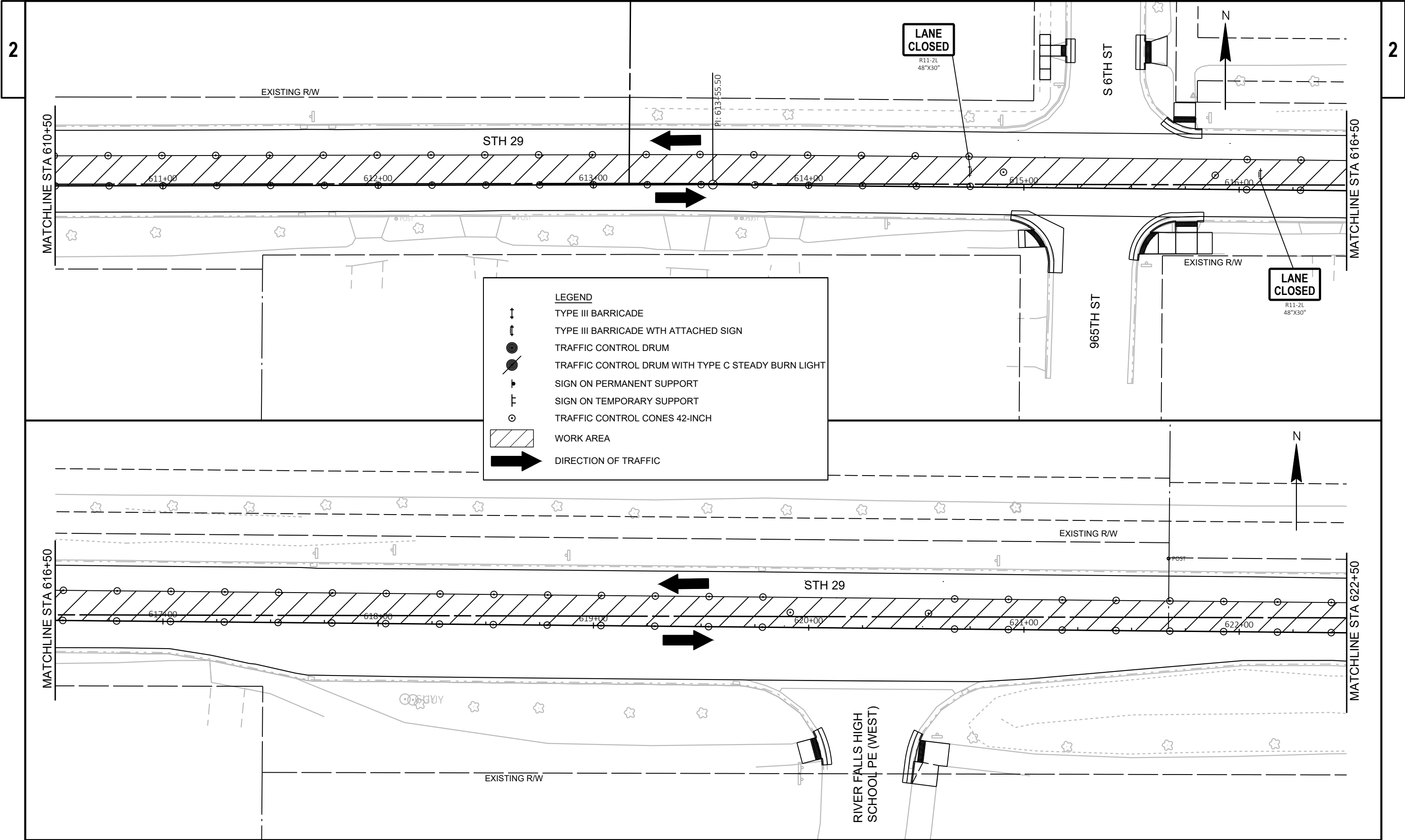
SHEET

E

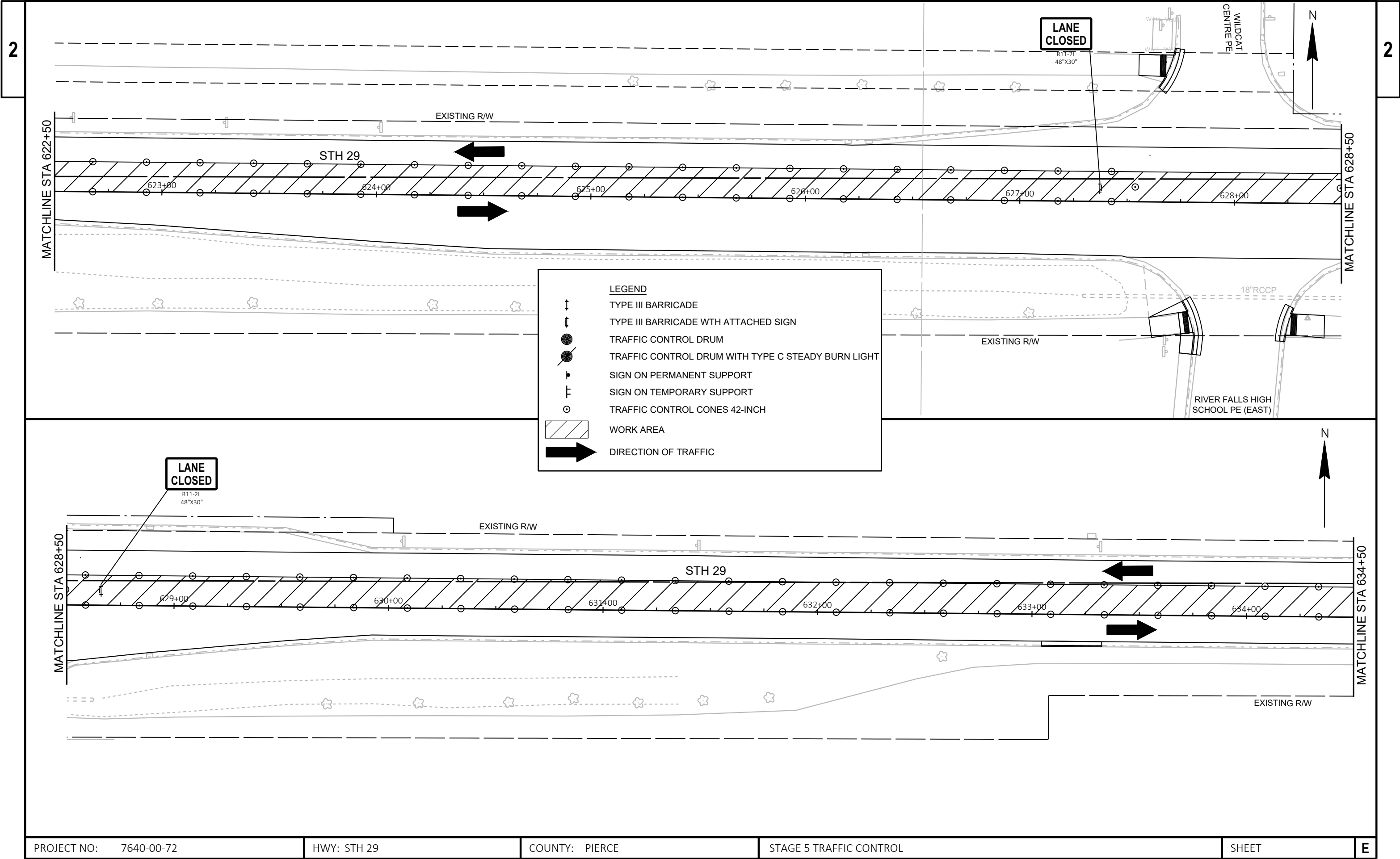


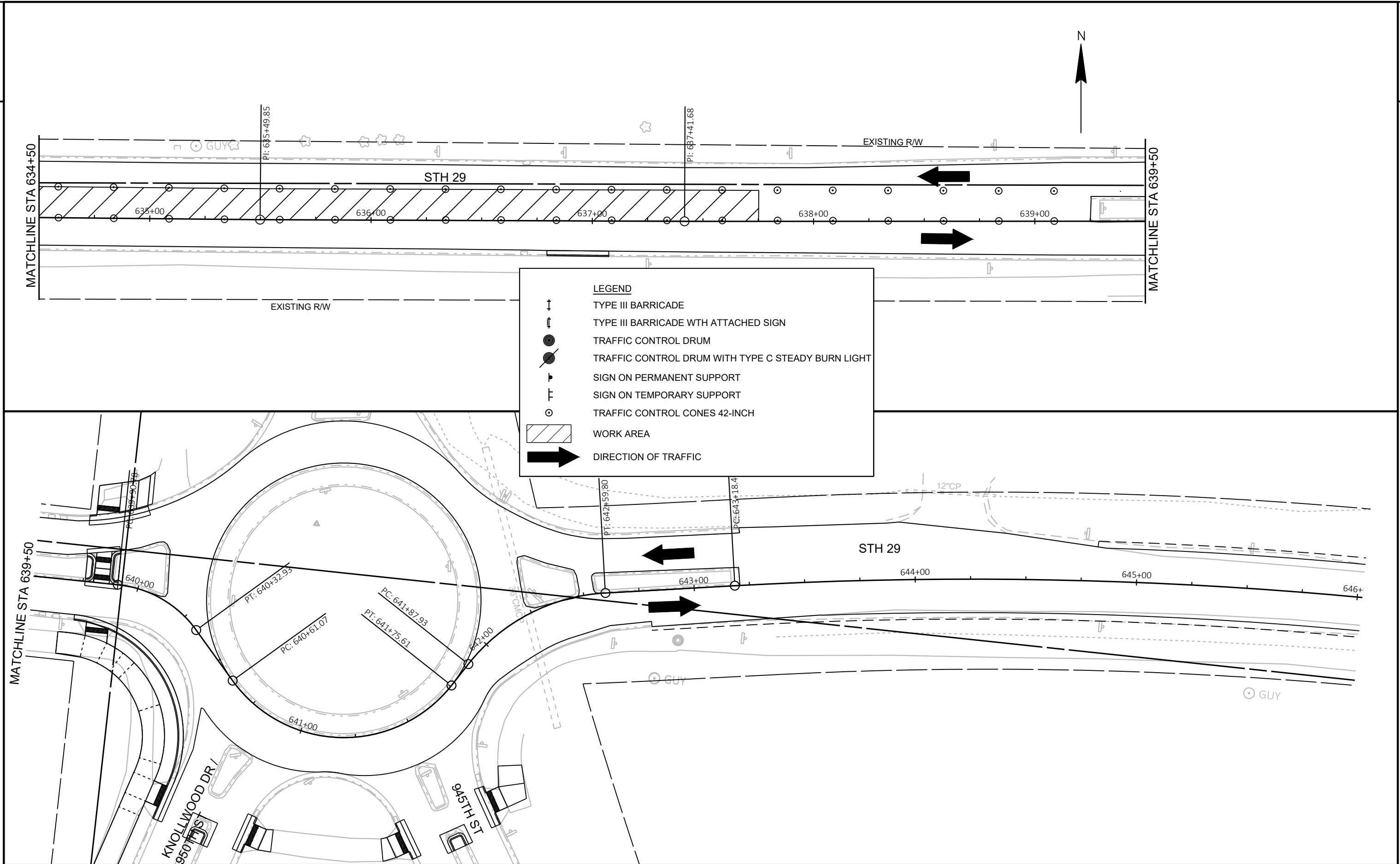
PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	STAGE 5 TRAFFIC CONTROL	SHEET	E
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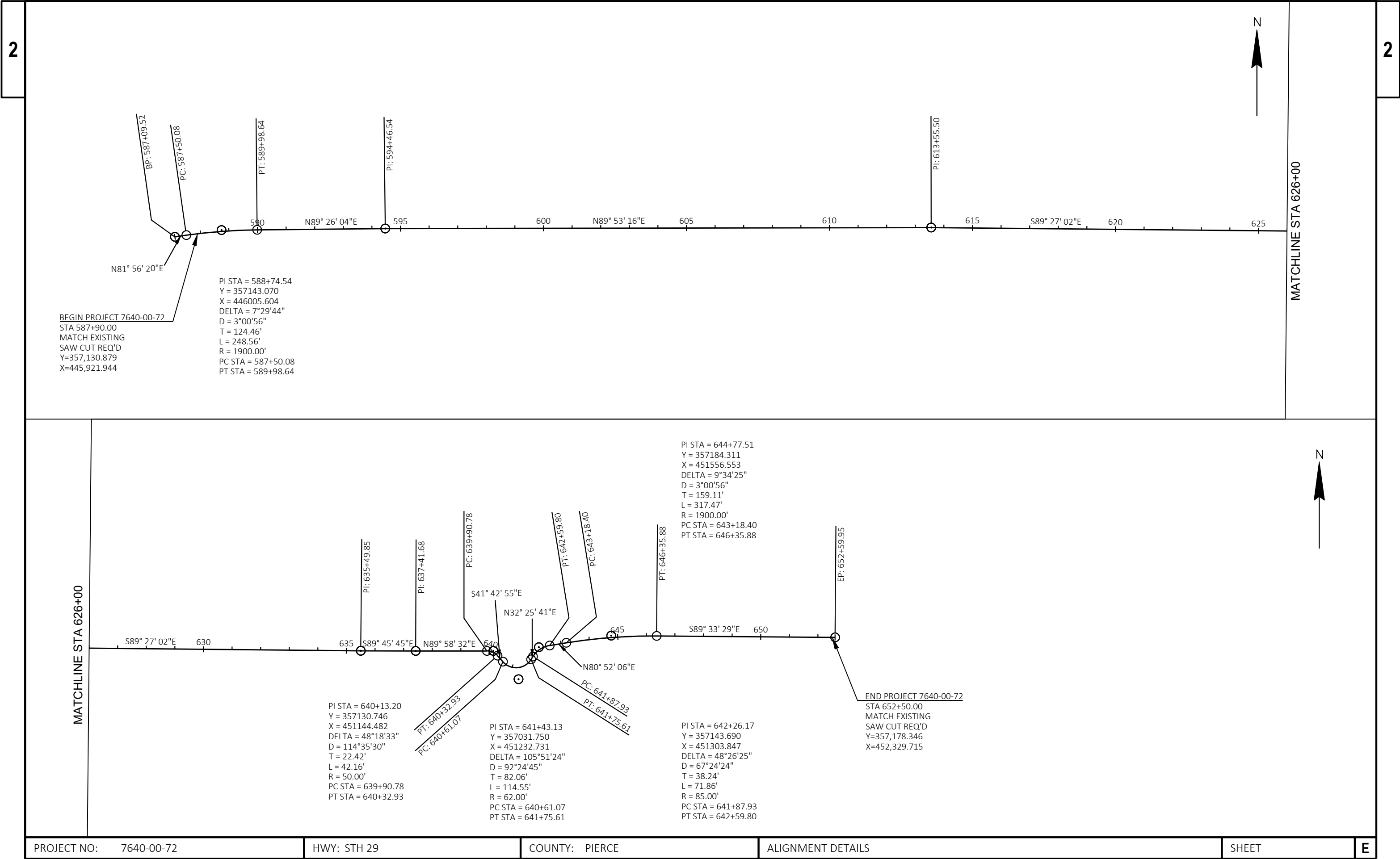


PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	STAGE 5 TRAFFIC CONTROL	SHEET	E
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PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	STAGE 5 TRAFFIC CONTROL	SHEET	E
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PROJECT NO:	7640-00-72	HWY:	STH 29	COUNTY:	PIERCE	ALIGNMENT DETAILS	SHEET	E
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Estimate Of Quantities

7640-00-72					
Line	Item	Item Description	Unit	Total	Qty
0002	204.0120	Removing Asphaltic Surface Milling	SY	28,230.000	28,230.000
0004	204.0150	Removing Curb & Gutter	LF	735.000	735.000
0006	204.0155	Removing Concrete Sidewalk	SY	72.000	72.000
0008	204.0165	Removing Guardrail	LF	553.000	553.000
0010	205.0100	Excavation Common	CY	441.000	441.000
0012	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 7640-00-72	LS	1.000	1.000
0014	213.0100	Finishing Roadway (project) 01. 7640-00-72	EACH	1.000	1.000
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	275.000	275.000
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	453.000	453.000
0020	455.0605	Tack Coat	GAL	3,457.000	3,457.000
0022	460.2000	Incentive Density HMA Pavement	DOL	3,650.000	3,650.000
0024	460.6644	HMA Pavement 4 MT 58-34 V	TON	5,690.000	5,690.000
0026	465.0110	Asphaltic Surface Patching	TON	314.000	314.000
0028	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	568.000	568.000
0030	601.0419	Concrete Curb & Gutter 30-Inch Type L	LF	200.000	200.000
0032	602.0405	Concrete Sidewalk 4-Inch	SF	2,673.000	2,673.000
0034	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	461.000	461.000
0036	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	72.000	72.000
0038	618.0100	Maintenance And Repair of Haul Roads (project) 01. 7640-00-72	EACH	1.000	1.000
0040	619.1000	Mobilization	EACH	1.000	1.000
0042	624.0100	Water	MGAL	7.700	7.700
0044	625.0100	Topsoil	SY	1,535.000	1,535.000
0046	628.1504	Silt Fence	LF	1,300.000	1,300.000
0048	628.1520	Silt Fence Maintenance	LF	1,300.000	1,300.000
0050	628.1905	Mobilizations Erosion Control	EACH	3.000	3.000
0052	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0054	628.2006	Erosion Mat Urban Class I Type A	SY	1,535.000	1,535.000
0056	628.7015	Inlet Protection Type C	EACH	27.000	27.000
0058	629.0210	Fertilizer Type B	CWT	1.000	1.000
0060	630.0140	Seeding Mixture No. 40	LB	40.000	40.000
0062	630.0500	Seed Water	MGAL	34.200	34.200
0064	638.2102	Moving Signs Type II	EACH	1.000	1.000
0066	642.5001	Field Office Type B	EACH	1.000	1.000
0068	643.0300	Traffic Control Drums	DAY	10,321.000	10,321.000
0070	643.0410	Traffic Control Barricades Type II	DAY	2,256.000	2,256.000
0072	643.0420	Traffic Control Barricades Type III	DAY	1,706.000	1,706.000
0074	643.0705	Traffic Control Warning Lights Type A	DAY	2,694.000	2,694.000
0076	643.0715	Traffic Control Warning Lights Type C	DAY	788.000	788.000

Estimate Of Quantities

7640-00-72

Line	Item	Item Description	Unit	Total	Qty
0078	643.0900	Traffic Control Signs	DAY	12,801.000	12,801.000
0080	643.1070	Traffic Control Cones 42-Inch	DAY	17,091.000	17,091.000
0082	643.5000	Traffic Control	EACH	1.000	1.000
0084	644.1420	Temporary Pedestrian Surface Plywood	SF	2,476.000	2,476.000
0086	644.1601	Temporary Pedestrian Curb Ramp	DAY	230.000	230.000
0088	644.1810	Temporary Pedestrian Barricade	LF	805.000	805.000
0090	646.1020	Marking Line Epoxy 4-Inch	LF	15,404.000	15,404.000
0092	646.3020	Marking Line Epoxy 8-Inch	LF	1,847.000	1,847.000
0094	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	1,476.000	1,476.000
0096	646.5020	Marking Arrow Epoxy	EACH	26.000	26.000
0098	646.5120	Marking Word Epoxy	EACH	7.000	7.000
0100	646.6120	Marking Stop Line Epoxy 18-Inch	LF	32.000	32.000
0102	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	84.000	84.000
0104	646.7120	Marking Diagonal Epoxy 12-Inch	LF	662.000	662.000
0106	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	556.000	556.000
0108	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	190.000	190.000
0110	646.9000	Marking Removal Line 4-Inch	LF	2,415.000	2,415.000
0112	646.9100	Marking Removal Line 8-Inch	LF	1,120.000	1,120.000
0114	646.9200	Marking Removal Line Wide	LF	619.000	619.000
0116	646.9300	Marking Removal Special Marking	EACH	32.000	32.000
0118	649.0105	Temporary Marking Line Paint 4-Inch	LF	5,212.000	5,212.000
0120	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	10,906.000	10,906.000
0122	650.4500	Construction Staking Subgrade	LF	104.000	104.000
0124	650.5000	Construction Staking Base	LF	104.000	104.000
0126	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	238.000	238.000
0128	650.9000	Construction Staking Curb Ramps	EACH	29.000	29.000
0130	650.9910	Construction Staking Supplemental Control (project) 01. 7640-00-72	LS	1.000	1.000
0132	690.0150	Sawing Asphalt	LF	1,362.000	1,362.000
0134	690.0250	Sawing Concrete	LF	219.000	219.000
0136	740.0440	Incentive IRI Ride	DOL	4,900.000	4,900.000
0138	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0140	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0142	SPV.0090	Special 01. Concrete Curb & Gutter 18-Inch Type L	LF	84.000	84.000

REMOVING ASPHALTIC SURFACE MILLING

					204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
STATION	-	STATION	STAGE	LOCATION	
637+75	-	652+50	2	ROUNDAABOUT, EB LANE, WB LANE	5,450
637+75	-	639+25	2	STH 29 (TWO-WAY LEFT TURN LANE)	220
587+90	-	637+75	3	EB LANE	8,190
587+90	-	637+75	4	WB LANE	6,610
587+90	-	637+75	5	TWO-WAY LEFT TURN LANE	7,760
PROJECT 7640-00-72 TOTAL					28,230

REMOVING CURB & GUTTER

					204.0150 REMOVING CURB & GUTTER LF
STATION	-	STATION	OFFSET	LOCATION	
589+51	-	589+66	LT	EMORY CIR	23
590+03	-	590+45	LT	EMORY CIR	88
		592+26	RT	WISCONSIN ST	16
592+62	-	592+65	RT	WISCONSIN ST	15
595+81	-	595+83	RT	SORENSEN ST	15
596+16	-	596+18	RT	SORENSEN ST	16
603+40	-	603+60	RT	STH 29	20
604+20	-	604+22	RT	975TH ST	15
604+57	-	604+59	RT	975TH ST	16
607+85	-	607+87	RT	SOUTHRIDGE RD	15
608+56	-	608+61	RT	SOUTHRIDGE RD	21
614+94	-	615+12	RT	965TH ST	35
		615+19	LT	S 6TH ST	11
		615+55	LT	S 6TH ST	16
615+53	-	615+84	RT	965TH ST	41
615+66	-	615+82	LT	STH 29/S 6TH ST	18
620+03	-	620+07	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	17
620+49	-	620+53	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	17
627+64	-	627+72	LT	WILDCAT CENTRE (PE)	21
627+76	-	627+81	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	27
628+23	-	628+28	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	17
633+05	-	633+33	RT	STH 29	28
636+80	-	637+08	RT	STH 29	28
639+73	-	640+75	RT	STH 29	129
639+73	-	639+75	LT	STH 29	27
639+75	-	639+97	LT	STH 29	15
639+76	-	639+79	LT	STH 29 MEDIAN	14
639+88	-	639+91	LT	STH 29 MEDIAN	16
640+84	-	640+87	RT	KNOLLWOOD DR/950TH ST MEDIAN	27
		640+96	RT	KNOLLWOOD DR/950TH ST	18
641+34	-	641+36	RT	945TH ST	18
641+45	-	641+49	RT	945TH ST MEDIAN	21
641+57	-	641+59	RT	945TH ST	19
650+99	-	651+14	RT	RED CEDAR ESTATES PE	22
PROJECT 7640-00-72 TOTAL					735

REMOVING SIDEWALK

				204.0155 REMOVING CONCRETE SIDEWALK
STATION	-	STATION	OFFSET	SY
589+41	-	589+65	LT	16
639+75	-	639+91	RT	7
639+78	-	639+94	LT	11
640+70	-	640+75	RT	10
640+96	-	640+99	RT	9
641+31	-	641+36	RT	9
641+58	-	641+62	RT	10
PROJECT 7640-00-72 TOTAL				72

REMOVING GUARDRAIL

				204.0165 REMOVING GUARDRAIL
STATION	-	STATION	OFFSET	LF
641+12	-	651+65	LT	553
PROJECT 7640-00-72 TOTAL				553

EXCAVATION COMMON

					205.0100 EXCAVATION COMMON
STATION	-	STATION	OFFSET	LOCATION	CY
589+51	-	590+45	LT	EMORY CIR	25
592+20	-	592+70	RT	WISCONSIN ST	16
595+73	-	596+26	RT	SORENSEN ST	14
603+40	-	603+60	RT	STH 29	1
604+07	-	604+98	RT	975TH ST	43
607+76	-	608+79	RT	SOUTHRIDGE RD	18
614+94	-	615+88	RT	965TH ST	17
615+07	-	615+66	LT	S 6TH ST	19
615+63	-	615+82	LT	STH 29/S 6TH ST	15
619+95	-	620+66	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	20
627+55	-	627+76	LT	WILDCAT CENTRE (PE)	9
627+61	-	628+42	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	21
633+05	-	633+33	RT	STH 29	2
636+80	-	637+07	RT	STH 29	2
639+75	-	639+98	LT	STH 29	8
639+66	-	640+77	RT	STH 29/KNOLLWOOD DR/950TH ST	185
640+81	-	641+02	RT	KNOLLWOOD DR/950TH ST	6
639+75	-	639+91	LT/RT	STH 29 MEDIAN	2
641+29	-	641+71	RT	945TH ST	12
650+92	-	651+46	RT	RED CEDAR ESTATES PE	6
PROJECT 7640-00-72 TOTAL					441

BASE AGGREGATE DENSE

			305.0110 3/4-INCH	305.0120 1 1/4-INCH	624.0100 WATER	NOTES
STATION	-	STATION	TON	TON	MGAL	
587+90	-	652+50	---	32	0.4	LEVELING LAYER
587+90	-	652+50	---	50	0.5	LEVELING LAYER
587+90	-	652+50	---	99	1.0	6" DEPTH
587+90	-	652+50	---	75	0.8	4" DEPTH
639+73	-	640+77	---	101	1.1	12" DEPTH
639+73	-	640+77	---	20	0.2	6" DEPTH
643+20	-	648+58	91	---	1.0	
644+40	-	652+60	138	---	1.4	
587+90	-	652+50	46	76	1.3	
PROJECT 7640-00-72 TOTAL			275	453	7.7	

ASPHALTIC ITEMS

					455.0605 TACK COAT	460.6644 HMA PAVEMENT 4 MT 58-34 V	465.0110 ASPHALTIC SURFACE PATCHING	
STATION	-	STATION	OFFSET	LOCATION	GAL	TON	TON	NOTES
637+75	-	652+50	LT/RT	STH 29 (ROUNDAABOUT, EB LANE, WB LANE)	770	1,280	---	STAGE 2
637+75	-	639+25	LT/RT	STH 29 (TWO-WAY LEFT TURN LANE)	16	30	---	STAGE 2
587+90	-	637+75	RT	STH 29 (EB LANE)	1,150	1,920	---	STAGE 3
587+90	-	637+75	LT	STH 29 (WB LANE)	930	1,550	---	STAGE 4
587+90	-	637+75	LT/RT	STH 29 (TWO-WAY LEFT TURN LANE)	550	910	---	STAGE 5
589+51	-	589+70	LT	EMORY CIR	1	---	1	CURB PATCH
589+77	-	590+45	LT	EMORY CIR	3	---	10	CURB PATCH
592+20	-	592+23	RT	WISCONSIN ST	---	---	1	MULTI-USE PATH
592+28	-	592+30	RT	WISCONSIN ST	1	---	1	CURB PATCH
592+58	-	592+63	RT	WISCONSIN ST	1	---	1	CURB PATCH
592+67	-	592+70	RT	WISCONSIN ST	---	---	1	MULTI-USE PATH
595+73	-	595+79	RT	SORENSEN ST	---	---	1	MULTI-USE PATH
595+83	-	595+87	RT	SORENSEN ST	1	---	1	CURB PATCH
596+12	-	596+16	RT	SORENSEN ST	1	---	1	CURB PATCH
596+24	-	596+26	RT	SORENSEN ST	---	---	1	MULTI-USE PATH
603+40	-	603+60	RT	STH 29	1	---	1	CURB PATCH
604+07	-	604+18	RT	975TH ST	---	---	2	MULTI-USE PATH
604+22	-	604+25	RT	975TH ST	1	---	1	CURB PATCH
604+53	-	604+57	RT	975TH ST	1	---	1	CURB PATCH
604+71	-	605+40	RT	975TH ST	---	---	11	MULTI-USE PATH
607+76	-	607+80	RT	SOUTHRIDGE RD	---	---	1	MULTI-USE PATH
607+87	-	607+91	RT	SOUTHRIDGE RD	1	---	1	CURB PATCH
608+52	-	608+59	RT	SOUTHRIDGE RD	1	---	1	CURB PATCH
608+69	-	608+79	RT	SOUTHRIDGE RD	---	---	1	MULTI-USE PATH
614+94	-	615+18	RT	965TH ST	2	---	5	CURB PATCH
614+98	-	615+01	RT	965TH ST	---	---	1	MULTI-USE PATH
615+21	-	615+23	LT	S 6TH ST	1	---	1	CURB PATCH
615+51	-	615+53	LT	S 6TH ST	1	---	1	CURB PATCH
615+58	-	615+66	LT	S 6TH ST	---	---	2	MULTI-USE PATH
615+69	-	615+79	LT	S 6TH ST	---	---	1	MULTI-USE PATH
615+49	-	615+84	RT	965TH ST	1	---	3	CURB PATCH
615+81	-	615+88	RT	965TH ST	---	---	1	MULTI-USE PATH
615+63	-	615+82	RT	STH 29/965TH ST	1	---	1	CURB PATCH
619+95	-	620+04	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	---	---	1	MULTI-USE PATH
620+05	-	620+11	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	1	---	1	CURB PATCH
620+44	-	620+51	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	1	---	1	CURB PATCH
620+49	-	620+66	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	---	---	5	MULTI-USE PATH
627+55	-	627+65	LT	WLDCAT CENTRE (PE)	---	---	2	MULTI-USE PATH
627+66	-	627+76	LT	WLDCAT CENTRE (PE)	1	---	1	CURB PATCH
627+61	-	627+76	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	---	---	3	MULTI-USE PATH

ASPHALTIC ITEMS (CONT.)

					455.0605 TACK COAT	460.6644 HMA PAVEMENT 4 MT 58-34 V	465.0110 ASPHALTIC SURFACE PATCHING	NOTES
STATION	-	STATION	OFFSET	LOCATION	GAL	TON	TON	
627+78	-	627+86	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	1	---	1	CURB PATCH
628+20	-	628+26	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	1	---	1	CURB PATCH
628+29	-	628+43	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	---	---	3	MULTI-USE PATH
633+05	-	633+33	RT	STH 29	1	---	2	CURB PATCH
636+80	-	637+08	RT	STH 29	1	---	2	CURB PATCH
639+66	-	639+78	RT	STH 29	---	---	2	MULTI-USE PATH
639+73	-	640+77	RT	STH 29/KNOLLWOOD DR/950TH ST	7	---	29	CURB PATCH
639+75	-	639+90	LT	STH 29 MEDIAN	1	---	1	CURB PATCH
639+76		639+91	RT	STH 29 MEDIAN	1	---	1	CURB PATCH
639+95	-	639+97	LT	STH 29	---	---	1	MULTI-USE PATH
640+21	-	640+69	RT	STH 29/KNOLLWOOD DR/950TH ST	---	---	10	MULTI-USE PATH
640+67	-	640+77	RT	KNOLLWOOD DR/950TH ST	---	---	7	MULTI-USE PATH
640+81	-	640+88	RT	KNOLLWOOD DR/950TH ST MEDIAN	1	---	2	CURB PATCH
640+93	-	640+95	RT	KNOLLWOOD DR/950TH ST	1	---	1	CURB PATCH
641+00	-	641+02	RT	KNOLLWOOD DR/950TH ST	---	---	1	MULTI-USE PATH
641+29	-	641+32	RT	945TH ST	---	---	1	MULTI-USE PATH
641+35	-	641+36	RT	945TH ST	1	---	1	CURB PATCH
641+44	-	641+50	RT	945TH ST MEDIAN	1	---	2	CURB PATCH
641+55	-	641+58	RT	945TH ST	1	---	1	CURB PATCH
641+61	-	641+71	RT	945TH ST	---	---	4	MULTI-USE PATH
650+92	-	650+97	RT	RED CEDAR ESTATES PE	---	---	1	MULTI-USE PATH
650+99	-	651+46	RT	RED CEDAR ESTATES PE	1	---	1	CURB PATCH
UNDISTRIBUTED					---	---	170	MINOR REPAIRS & RAMPS
PROJECT 7640-00-72 TOTAL					3,457	5,690	314	

CONCRETE CURB & GUTTER

				601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D	601.0419 CONCRETE CURB & GUTTER 30-INCH TYPE L	SPV.0090.01 CONCRETE CURB & GUTTER 18-INCH TYPE L	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER
STATION	- STATION	OFFSET	LOCATION	LF	LF	LF	LF
589+51	- 589+66	LT	EMORY CIR	23	---	---	---
589+82	- 590+45	LT	EMORY CIR	120	---	---	120
	592+26	RT	WISCONSIN ST	16	---	---	---
592+62	- 592+65	RT	WISCONSIN ST	15	---	---	---
595+81	- 595+83	RT	SORENSEN ST	15	---	---	---
596+16	- 596+18	RT	SORENSEN ST	16	---	---	---
603+40	- 603+60	RT	STH 29	20	---	---	---
604+20	- 604+22	RT	975TH ST	15	---	---	---
604+57	- 604+59	RT	975TH ST	16	---	---	---
607+85	- 607+87	RT	SOUTHRIDGE RD	15	---	---	---
608+56	- 608+61	RT	SOUTHRIDGE RD	21	---	---	---
614+94	- 615+12	RT	965TH ST	35	---	---	---
	615+19	LT	S 6TH ST	11	---	---	---
	615+55	LT	S 6TH ST	16	---	---	---
615+53	- 615+84	RT	965TH ST	41	---	---	---
615+66	- 615+82	LT	STH 29/S 6TH ST	18	---	---	---
620+03	- 620+07	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	17	---	---	---
620+49	- 620+53	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	17	---	---	---
627+64	- 627+72	LT	WLD CAT CENTRE (PE)	21	---	---	---
627+76	- 627+81	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	27	---	---	---
628+23	- 628+28	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	17	---	---	---
633+05	- 633+33	RT	STH 29	28	---	---	---
636+80	- 637+08	RT	STH 29	28	---	---	---
639+73	- 640+75	RT	STH 29	---	118	---	118
639+75	- 639+97	LT	STH 29	---	27	---	---
639+76	- 639+79	LT	STH 29 MEDIAN	---	---	14	---
639+88	- 639+91	LT	STH 29 MEDIAN	---	---	16	---
640+84	- 640+87	RT	KNOLLWOOD DR/950TH ST MEDIAN	---	---	16	---
	640+96	RT	KNOLLWOOD DR/950TH ST	---	18	---	---
641+34	- 641+36	RT	945TH ST	---	18	---	---
641+45	- 641+49	RT	945TH ST MEDIAN	---	---	16	---
641+57	- 641+59	RT	945TH ST	---	19	---	---
650+99	- 651+14	RT	RED CEDAR ESTATES PE	---	---	22	---
PROJECT 7640-00-72 TOTAL				568	200	84	238

SIDEWALK ITEMS

				602.0405 CONCRETE SIDEWALK 4-INCH	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH
STATION	-	STATION	OFFSET	LOCATION	SF	SF	SF
589+41	-	589+65	LT	EMORY CIR	108	10	---
592+23	-	592+26	RT	WISCONSIN ST	23	18	---
592+63	-	592+67	RT	WISCONSIN ST	25	17	---
595+79	-	595+83	RT	SORENSEN ST	23	16	---
596+17	-	596+24	RT	SORENSEN ST	63	18	---
604+18	-	604+21	RT	975TH ST	22	16	---
604+58	-	604+71	RT	975TH ST	139	16	---
607+80	-	607+87	RT	SOUTHRIDGE RD	138	16	---
608+57	-	608+69	RT	SOUTHRIDGE RD	96	16	---
615+01	-	615+11	RT	965TH ST	56	---	21
615+07	-	615+19	LT	S 6TH ST	141	10	---
615+54	-	615+81	RT	STH 29/965TH ST	297	20	24
615+56	-	615+59	LT	S 6TH ST	26	20	---
615+69	-	615+79	LT	STH 29	44	20	---
620+01	-	620+06	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	28	20	---
620+50	-	620+55	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	34	20	---
627+65	-	627+71	LT	WLDCAT CENTRE (PE)	46	20	---
627+74	-	627+82	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	107	20	---
628+25	-	628+30	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	40	20	---
639+77	-	640+21	RT	STH 29	291	20	---
639+76	-	639+91	LT	STH 29 MEDIAN	161	28	---
639+78	-	639+96	LT	STH 29	297	20	---
640+65	-	640+74	RT	KNOLLWOOD DR/950TH ST	160	20	---
640+83	-	640+87	RT	KNOLLWOOD DR/950TH ST MEDIAN	26	---	---
640+96	-	641+00	RT	KNOLLWOOD DR/950TH ST	61	20	---
641+31	-	641+35	RT	945TH ST	62	20	---
641+46	-	641+48	RT	945TH ST MEDIAN	26	---	---
641+58	-	641+63	RT	945TH ST	60	20	---
650+97	-	651+11	RT	RED CEDAR ESTATES PE	73	---	27
PROJECT 7640-00-72 TOTAL				2,673	461	72	29

EROSION CONTROL MOBILIZATION

PROJECT	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH
	PROJECT	PROJECT
7640-00-72	3	3
PROJECT 7640-00-72 TOTAL	3	3

LANDSCAPING ITEMS

				625.0100	628.2006	629.0210	630.0140	630.0500
				TOPSOIL	EROSION MAT URBAN	FERTILIZER	SEEDING	SEED
					CLASS I TYPE A	TYPE B	MIXTURE NO. 40	WATER
STATION	-	STATION	OFFSET	LOCATION	SY	SY	LB	MGAL
589+31	-	589+66	LT	EMORY CIR	23	23	1	0.5
589+83	-	590+45	LT	EMORY CIR	120	120	3	2.7
592+06	-	592+26	RT	WISCONSIN ST	37	37	1	0.8
592+63	-	592+84	RT	WISCONSIN ST	45	45	1	1.0
595+63	-	595+83	RT	SORENSEN ST	25	25	1	0.6
596+17	-	596+51	RT	SORENSEN ST	32	32	1	0.7
603+38	-	603+62	RT	STH 29	11	11	1	0.2
603+97	-	604+21	RT	975TH ST	48	48	1	1.1
604+58	-	605+50	RT	975TH ST	190	190	4	4.3
607+66	-	607+87	RT	SOUTHRIDGE RD	41	41	1	0.9
608+57	-	608+89	RT	SOUTHRIDGE RD	33	33	1	0.7
614+81	-	615+12	RT	965TH ST	28	28	1	0.6
614+80	-	615+19	LT	S 6TH ST	35	35	1	0.8
615+53	-	615+99	RT	965TH ST	31	31	1	0.7
615+56	-	615+99	LT	S 6TH ST	70	70	2	1.6
619+81	-	620+07	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	46	46	1	1.0
620+52	-	620+72	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	37	37	1	0.8
627+53	-	627+72	LT	WILDCAT CENTRE (PE)	20	20	1	0.4
627+48	-	627+76	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	40	40	1	0.9
628+24	-	628+53	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	30	30	1	0.7
633+03	-	633+36	RT	STH 29	15	15	1	0.3
636+78	-	637+10	RT	STH 29	15	15	1	0.3
639+64	-	640+79	RT	STH 29 & KNOLLWOOD DR/950TH ST	150	150	3	3.4
639+75	-	639+96	LT	STH 29	17	17	1	0.4
640+96	-	641+03	RT	KNOLLWOOD DR/950TH ST	21	21	1	0.5
641+27	-	641+36	RT	945TH ST	22	22	1	0.5
641+58	-	641+66	RT	945TH ST	24	24	1	0.5
650+75	-	651+14	RT	RED CEDAR ESTATES PE	19	19	1	0.4
7640-00-72				UNDISTRIBUTED	310	310	4	6.9
PROJECT 7640-00-72 TOTAL					1,535	1,535	40	34.2

SILT FENCE

			628.1504	628.1520
			SILT FENCE	SILT FENCE MAINTENANCE
STATION	-	STATION	OFFSET	LF
628+35	-	639+65	RT	1,160
639+75	-	640+72	RT	140
PROJECT 7640-00-72 TOTAL				1,300

EROSION CONTROL

		628.7015
		INLET PROTECTION
		TYPE C EACH
STATION	OFFSET	
587+68	LT	1
587+76	RT	1
590+41	RT	1
592+82	RT	1
594+69	RT	1
596+39	RT	1
600+65	RT	1
604+79	RT	1
607+86	RT	1
608+56	RT	1
610+46	RT	1
614+92	RT	1
617+70	LT	1
617+70	RT	1
619+67	RT	1
620+74	RT	1
626+20	RT	1
626+29	RT	1
628+90	RT	1
639+58	LT	1
639+58	RT	1
639+63	LT	1
639+64	RT	1
640+71	RT	1
640+96	RT	1
641+34	RT	1
641+60	RT	1
PROJECT 7640-00-72 TOTAL		27

PERMANENT SIGNING

638.2102
MOVING
SIGNS
TYPE II

STATION	OFFSET	EACH	REMARKS
615+71	RT	1	PEDESTRIAN CROSSING
PROJECT 7640-00-72 TOTAL		1	

TRAFFIC CONTROL

		643.0300 TRAFFIC CONTROL DRUMS		643.0410 TRAFFIC CONTROL BARRICADES TYPE II		643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A		643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C		643.0900 TRAFFIC CONTROL SIGNS		643.1070 TRAFFIC CONTROL CONES 42-INCH	
LOCATION	DAYS IN SERVICE	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY
STAGE 1	45	178	8010	---	---	25	1125	38	1710	14	630	157	7065	162	7290
STAGE 1 PEDESTRIAN	36	---	---	60	2160	---	---	---	---	---	---	20	720	---	---
STAGE 2	10	153	1530	---	---	25	250	38	380	4	40	135	1350	179	1790
STAGE 3	5	75	375	---	---	21	105	36	180	4	20	122	610	171	855
STAGE 4	14	29	406	---	---	11	154	20	280	7	98	120	1680	188	2632
STAGE 4 PEDESTRIAN	8	---	---	12	96	---	---	---	---	---	---	4	32	---	---
STAGE 5	12	---	---	---	---	6	72	12	144	---	---	112	1344	377	4524
PROJECT 7640-00-72 TOTAL		10,321		2,256		1,706		2,694		788		12,801		17,091	

TEMPORARY PEDESTRIAN ACCOMMODATION ITEMS

				644.1420 TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
STATION	-	STATION	OFFSET	LOCATION		
589+31	-	589+38	LT	EMORY CIR	24	10
592+06	-	592+27	RT	WISCONSIN ST	136	10
592+62	-	592+84	RT	WISCONSIN ST	162	10
595+64	-	595+78	RT	SORENSEN ST	99	10
596+21	-	596+50	RT	SORENSEN ST	139	10
603+97	-	604+19	RT	975TH ST	119	10
604+12	-	604+22	RT	975TH ST	48	10
604+56	-	604+66	RT	975TH ST	48	10
604+61	-	605+50	RT	975TH ST	448	10
607+67	-	607+80	RT	SOUTHRIDGE RD	113	10
608+62	-	608+88	RT	SOUTHRIDGE RD	115	10
614+80	-	614+87	LT	S 6TH ST	39	10
614+81	-	614+87	RT	965TH ST	28	10
615+07	-	615+19	LT	S 6TH ST	38	10
615+55	-	615+80	LT	S 6TH ST	61	10
615+93	-	615+98	LT	STH 29	151	10
615+94	-	615+99	RT	STH 29	28	10
619+81	-	619+99	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	147	10
620+58	-	620+71	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	124	10
627+41	-	627+61	LT	WLDCAT CENTRE PE	119	10
627+49	-	627+74	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	143	10
628+32	-	628+52	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	113	10
650+76	-	650+81	RT	RED CEDAR ESTATES PE	34	10
PROJECT 7640-00-72 TOTAL				2,476	230	805

PAVEMENT MARKING

			646.1020 MARKING LINE EPOXY 4-INCH	646.3020 MARKING LINE EPOXY 8-INCH	646.4520 MARKING LINE SAME DAY EPOXY 4-INCH	646.5020 MARKING ARROW EPOXY	646.5120 MARKING WORD EPOXY	646.6120 MARKING STOP LINE EPOXY 18-INCH	646.6320 MARKING DOTTED EXTENSION EPOXY 18-INCH	646.7120 MARKING DIAGONAL EPOXY 12-INCH	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH	
STATION	- STATION	TYPE	YELLOW LF	WHITE LF	WHITE LF	YELLOW LF	WHITE LF	EACH	EACH	LF	LF	YELLOW LF	LF
587+71	-	STOP BAR	---	---	---	---	---	---	---	32	---	---	---
587+71	- 590+89	CENTERLINE, TURN LANE	636	---	320	---	---	2	1	---	---	---	---
590+89	- 592+00	CENTERLINE TO TWLT	446	---	---	---	---	---	---	---	---	---	---
592+00	- 614+91	TWO WAY LEFT TURN LANE	5,728	---	---	---	---	12	---	---	---	---	---
592+28	- 592+62	CROSSWALK	---	---	---	---	---	---	---	---	---	66	---
595+84	- 596+15	CROSSWALK	---	---	---	---	---	---	---	---	---	60	---
604+23	- 604+56	CROSSWALK	---	---	---	---	---	---	---	---	---	65	---
607+87	- 608+56	CROSSWALK	---	---	---	---	---	---	---	---	---	133	---
615+07	- 615+57	CROSSWALK	---	---	---	---	---	---	---	---	---	88	---
615+21	- 615+53	CROSSWALK	---	---	---	---	---	---	---	---	---	64	---
615+69	- 615+81	CROSSWALK	---	---	---	---	---	---	---	---	---	80	---
615+80	- 617+75	CENTERLINE, TURN LANE	390	---	195	---	---	2	1	---	---	---	---
617+75	- 619+70	GORE, TURN LANE	395	---	195	---	---	2	1	---	117	---	---
620+80	- 622+75	CENTERLINE, TURN LANE	390	---	195	---	---	2	1	---	---	---	---
622+75	- 624+00	CENTERLINE	250	---	---	---	---	---	---	---	---	---	---
624+00	- 627+48	CENTERLINE, TURN LANE	696	---	348	---	---	2	1	---	---	---	---
624+54	- 627+48	TURN LANE	---	---	294	---	---	2	1	---	---	---	---
628+50	- 631+50	CENTERLINE, TURN LANE	600	---	300	---	---	2	1	---	---	---	---
631+50	- 639+25	GORE	3,100	---	---	---	---	---	---	---	502	---	---
639+25	- 640+15	EDGE LINE (SOLID)	180	---	---	---	---	---	---	---	---	---	---
639+78	- 639+88	CROSSWALK	---	---	---	---	---	---	---	---	---	---	70
640+06	- 642+28	ROUNDAABOUT MARKINGS	---	114	---	---	---	---	---	84	---	---	---
640+75	- 640+95	CROSSWALK	---	---	---	---	---	---	---	---	---	---	60
641+35	- 641+58	CROSSWALK	---	---	---	---	---	---	---	---	---	---	60
642+18	- 643+21	EDGE LINE (SOLID)	207	---	---	---	---	---	---	---	---	---	---
642+80	- 648+58	EDGE LINE (SOLID)	---	576	---	---	---	---	---	---	---	---	---
643+21	- 652+50	EDGE LINE (SOLID)	---	932	---	---	---	---	---	---	---	---	---
643+21	- 645+12	GORE	764	---	---	---	---	---	---	---	43	---	---
645+12	- 652+50	CENTERLINE	---	---	---	1,476	---	---	---	---	---	---	---
PROJECT 7640-00-72 TOTAL			15,404	1,847	1,476	26	7	32	84	662	556	190	

PAVEMENT MARKING REMOVAL

		646.9000	646.9100	646.9200	646.9300
		MARKING	MARKING	MARKING	MARKING
		REMOVAL	REMOVAL	REMOVAL	REMOVAL
		LINE	LINE	LINE	SPECIAL
		4-INCH	8-INCH	WIDE	MARKING
STATION	- STATION	LF	LF	LF	LF
587+71	589+54	414	79	---	3
590+18	- 592+09	482	---	---	4
592+85	- 594+14	---	---	---	2
594+84	- 595+61	---	---	---	2
596+37	- 604+00	---	---	---	4
604+77	- 607+63	---	---	---	4
608+76	- 614+91	---	---	---	6
615+68	- 616+65	---	97	---	1
617+75	- 619+70	374	195	117	---
620+80	- 622+75	---	195	---	2
622+75	- 624+94	440	---	---	---
624+94	- 627+48	---	254	---	2
628+50	- 631+50	---	300	---	2
631+50	- 639+25	705	---	502	---
PROJECT 7640-00-72 TOTAL		2,415	1,120	619	32

CONSTRUCTION STAKING

		650.4500	650.5000	650.9910
		CONSTRUCTION	CONSTRUCTION	CONSTRUCTION
		STAKING	STAKING	STAKING
		SUBGRADE	BASE	SUPPLEMENTAL
				CONTROL
				7640-00-72
STATION	- STATION	LF	LF	LS
587+90	- 652+50	---	---	1
639+73	- 640+77	104	104	---
PROJECT 7640-00-72 TOTAL		104	104	1

NOTE: ADDITIONAL STAKING ITEMS SHOWN ELSEWHERE IN MISCELLANEOUS QUANTITIES

TEMPORARY PAVEMENT MARKING

		649.0105	649.0150
		TEMPORARY	TEMPORARY
		MARKING LINE	MARKING LINE
		PAINT	REMOVABLE TAPE
		4-INCH	4-INCH
		YELLOW	WHITE
		LF	LF
STATION	- STATION		
STAGE 1			
587+71	- 588+86	230	---
587+71	- 592+09	---	439
588+86	- 591+29	---	490
591+29	- 592+09	---	---
592+85	- 594+14	129	---
594+84	- 595+61	77	---
596+37	- 604+00	763	---
604+77	- 607+63	286	---
608+76	- 614+91	615	---
615+68	- 619+70	804	---
620+80	- 624+90	820	---
628+50	- 633+50	1,000	---
637+50	- 639+25	---	239
STAGE 1 SUBTOTAL		4,724	1,576
STAGE 2			
588+86	- 591+29	488	---
STAGE 2 SUBTOTAL		488	0
STAGE 4			
587+71	- 592+09	---	876
592+85	- 594+14	---	258
594+84	- 595+61	---	154
596+37	- 604+00	---	1,526
604+77	- 607+63	---	572
608+76	- 614+91	---	1,230
615+68	- 619+70	---	804
620+80	- 627+48	---	1,336
628+50	- 637+75	---	1,850
637+75	- 639+25	---	582
STAGE 4 SUBTOTAL		0	9,330
PROJECT 7640-00-72 TOTAL		5,212	10,906

SAWING

				690.0150 SAWING ASPHALT	690.0250 SAWING CONCRETE
STATION -	STATION	OFFSET	LOCATION	LF	LF
589+41		LT	EMORY CIR (SIDEWALK)	---	5
589+51	- 589+70	LT	EMORY CIR	32	5
589+77	- 590+45	LT	EMORY CIR	134	5
592+20		RT	WISCONSIN ST (MULTI-USE PATH)	9	---
592+26	- 592+30	RT	WISCONSIN ST	20	5
592+58	- 592+65	RT	WISCONSIN ST	21	5
592+70		RT	WISCONSIN ST (MULTI-USE PATH)	9	---
595+73		RT	SORENSEN ST (MULTI-USE PATH)	8	---
595+82	- 595+87	RT	SORENSEN ST	20	5
596+12	- 596+18	RT	SORENSEN ST	21	5
596+26		RT	SORENSEN ST (MULTI-USE PATH)	9	---
603+40	- 603+60	RT	STH 29	24	5
604+07		RT	975TH ST (MULTI-USE PATH)	8	---
604+20	- 604+25	RT	975TH ST	20	5
604+53	- 604+59	RT	975TH ST	21	5
604+66	- 604+71	RT	975TH ST (SIDEWALK)	---	5
605+40		RT	975TH ST (MULTI-USE PATH)	8	---
607+77		RT	SOUTHRIDGE RD (MULTI-USE PATH)	8	---
607+79	- 607+83	RT	SOUTHRIDGE RD (SIDEWALK)	---	5
607+85	- 607+91	RT	SOUTHRIDGE RD	20	5
608+52	- 608+61	RT	SOUTHRIDGE RD	28	5
608+75	- 608+79	RT	SOUTHRIDGE RD (MULTI-USE PATH)	8	---
614+94	- 615+19	RT	965TH ST	53	5
614+98		RT	965TH ST (MULTI-USE PATH)	8	---
615+07	- 615+12	LT	S 6TH ST	---	10
615+19	- 615+23	LT	S 6TH ST	15	5
615+49	- 615+84	RT	965TH ST	51	5
615+51	- 615+56	LT	S 6TH ST	20	5
615+66		LT	S 6TH ST (MULTI-USE PATH)	14	---
615+63	- 615+82	LT	STH 29	25	5
615+69	- 615+79	LT	STH 29 (MULTI-USE PATH)	10	---
615+87		LT	965TH ST (MULTI-USE PATH)	10	---
619+95	- 619+98	RT	RIVER FALLS HIGH SCHOOL PE (WEST)(MULTI-USE PATH)	10	---
620+02	- 620+11	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	22	5
620+44	- 620+49	RT	RIVER FALLS HIGH SCHOOL PE (WEST)	29	5
620+49	- 620+60	RT	RIVER FALLS HIGH SCHOOL PE (WEST)(MULTI-USE PATH)	11	---
620+65	- 620+66	RT	RIVER FALLS HIGH SCHOOL PE (WEST)(MULTI-USE PATH)	11	---
627+55		LT	WILDCAT CENTRE (PE)(MULTI-USE PATH)	10	---
627+64	- 627+76	LT	WILDCAT CENTRE (PE)	27	5
627+61	- 627+76	RT	RIVER FALLS HIGH SCHOOL PE (EAST)(MULTI-USE PATH)	26	---

SAWING (CONT.)

				690.0150 SAWING ASPHALT	690.0250 SAWING CONCRETE
STATION -	STATION	OFFSET	LOCATION	LF	LF
627+75	- 627+81	RT	RIVER FALLS HIGH SCHOOL PE (EAST)(SIDEWALK)	---	6
627+76	- 627+86	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	33	5
628+20	- 628+28	RT	RIVER FALLS HIGH SCHOOL PE (EAST)	23	5
628+42		RT	RIVER FALLS HIGH SCHOOL PE (EAST)(MULTI-USE PATH)	10	---
633+05	- 633+33	RT	STH 29	32	5
636+80	- 637+07	RT	STH 29	32	5
639+66		RT	STH 29 (MULTI-USE PATH)	10	---
639+73	- 640+77	RT	STH 29/KNOLLWOOD DR/950TH ST	141	5
639+75	- 639+98	LT	STH 29	32	5
639+96	- 639+97	LT	STH 29 (MULTI-USE PATH)	15	---
639+75	- 639+91	LT/RT	STH 29 MEDIAN	38	29
640+73	- 640+77	RT	KNOLLWOOD DR/950TH ST (MULTI-USE PATH)	10	---
640+81	- 640+88	RT	KNOLLWOOD DR/950TH ST MEDIAN	40	8
640+94	- 640+96	RT	KNOLLWOOD DR/950TH ST	21	5
641+01	- 641+02	RT	KNOLLWOOD DR/950TH ST (MULTI-USE PATH)	10	---
641+29		RT	945TH ST (MULTI-USE PATH)	10	---
641+34	- 641+38	RT	945TH ST	22	5
641+44	- 641+50	RT	945TH ST MEDIAN	34	8
641+55	- 641+60	RT	945TH ST	23	5
641+66	- 641+71	RT	945TH ST (MULTI-USE PATH)	11	---
650+92		RT	RED CEDAR ESTATES PE (MULTI-USE PATH)	9	---
650+98	- 651+16	RT	RED CEDAR ESTATES PE	26	3
PROJECT 7640-00-72 TOTAL				1,362	219

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
PROJECT NO. 7640-00-22
C. RIVER FALLS, CEMETERY ROAD
SOUTH MAIN STREET TO STH 65
STH 29
PIERCE COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE	---	SECTION CORNER SYMBOL		R/W MONUMENT (TO BE SET)	•
QUARTER LINE	---	SECTION CORNER MONUMENT		NON-MONUMENTED R/W POINT	○
SIXTEENTH LINE	---	GEODETIC SURVEY MONUMENT		FOUND IRON PIN (1-INCH UNLESS NOTED)	IP
NEW REFERENCE LINE	---	SIXTEENTH CORNER MONUMENT		OFF-PREMISE SIGN	
NEW R/W LINE	---	SIGN		COMPENSABLE	
EXISTING R/W OR HE LINE	---	PARCEL NUMBER		NON-COMPENSABLE	
PROPERTY LINE	---	UTILITY NUMBER			
LOT, TIE & OTHER MINOR LINES	---	PARALLEL OFFSETS			
SLOPE INTERCEPT	---				
CORPORATE LIMITS	---				
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)	---				
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)	---				
TEMPORARY LIMITED EASEMENT AREA	---				
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)	---				
TRANSMISSION STRUCTURES	---				
BUILDING	---				
BRIDGE	---				

CONVENTIONAL ABBREVIATIONS

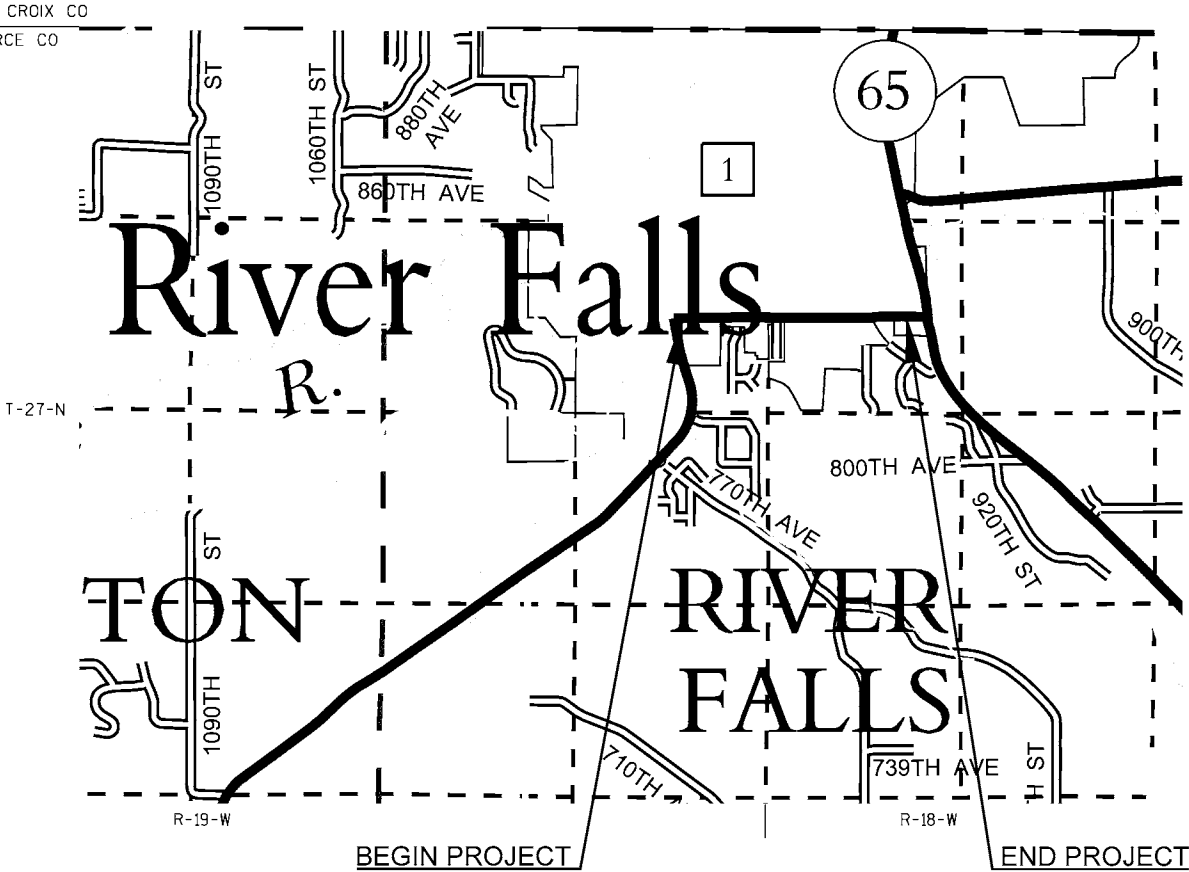
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	QUARTER LINE	Q/L
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

---	WATER
---	GAS
---	TELEPHONE
---	OVERHEAD
---	TRANSMISSION LINES
---	ELECTRIC
---	CABLE TELEVISION
---	FIBER OPTIC
---	SANITARY SEWER
---	STORM SEWER



THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 7640-00-22

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), PIERCE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF RIVER FALLS.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), PIERCE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF RIVER FALLS.

BASIS OF EXISTING RIGHT OF WAY				
ROAD NAME	PROJECT / SURVEY	VOL.	PAGE	DOC.
STH 29	7651-00-22			
STH 29	PLAT OF WOODRIDGE	PRC-B	108	293059
STH 29	TPP 7650-01-25-4.02			591472
CEMETERY ROAD	AMENDED ASSESSOR'S PLAT	BOOK 2	3	198684
CEMETERY ROAD	PLAT OF WOODRIDGE	PRC-B	108	293059
CEMETERY ROAD	ST. BRIDGETS ADDITION	BOOK 3	3	223085
CEMETERY ROAD	CENTENNIAL WAY	PRC-B	170	431231
CEMETERY ROAD	SOUTH RIDGE RANCH	PRC-B	162	409218
CEMETERY ROAD	CSM	13	162	553104
EMORY DRIVE	ST. BRIDGETS ADDITION	BOOK 3	3	223085
WISCONSIN STREET	PLAT OF WOODRIDGE	PRC-B	108	293059
CENTENNIAL DRIVE	CENTENNIAL WAY	PRC-B	170	431231
SOUTH RIDGE ROAD	SOUTH RIDGE RANCH	PRC-B	162	409218

TRANSPORTATION PROJECT PLAT NO: 7640-00-22 - 4.01

THAT PART OF LOT 16 OF ST. BRIDGETS ADDITION LOCATED IN THE SW 1/4 OF THE NE 1/4, , PART OF LOTS 1 AND 32 OF THE PLAT OF WOODRIDGE, PART OF LOT 8 OF THE PLAT OF CENTENNIAL WAY AND PART OF LOT 1 OF THE PLAT OF SOUTH RIDGE RANCH LOCATED IN THE NE 1/4 OF THE SE 1/4; ALL IN SECTION 12, T 27 N, R 19 W, CITY OF RIVER FALLS, PIERCE COUNTY, WISCONSIN.

RELOCATION ORDER STH 29 C. RIVER FALLS, CEMETERY ROAD (MAIN STREET TO STH 65) PIERCE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RIVER FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

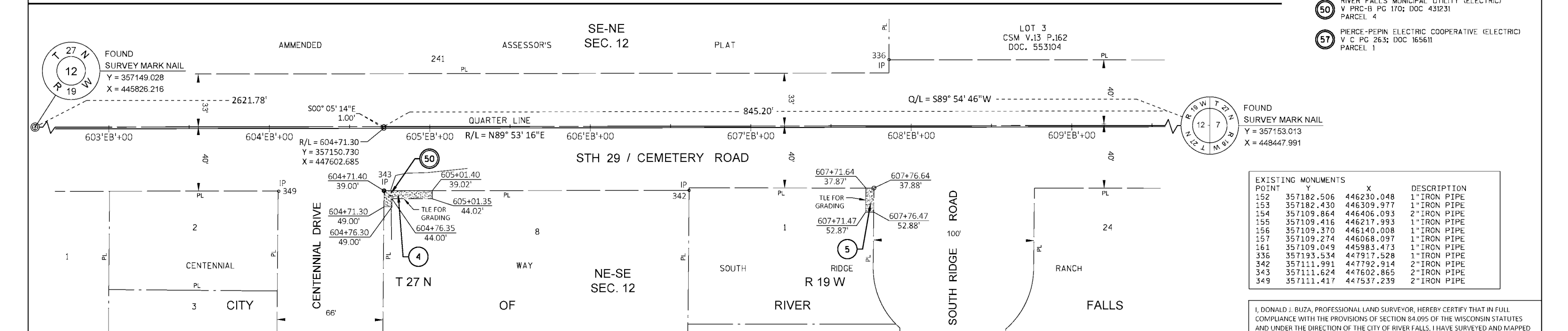
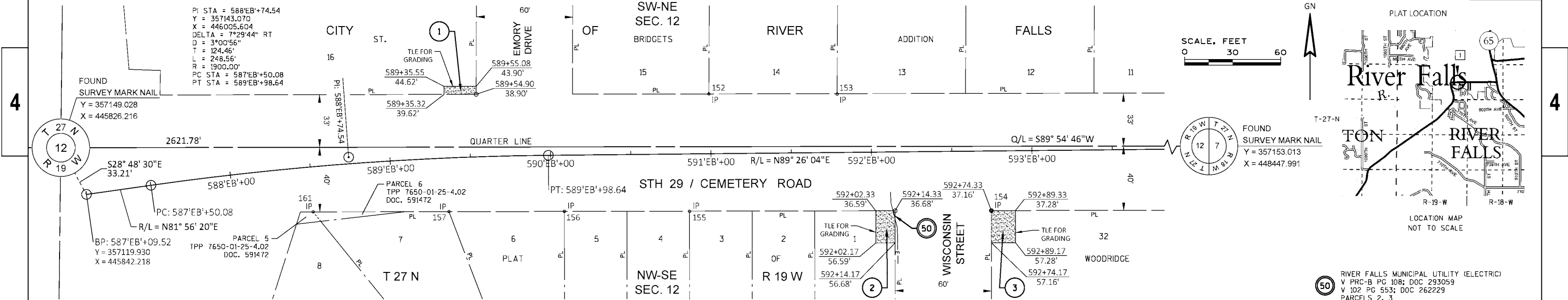
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF RIVER FALLS ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RIVER FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

593473
PIERCE COUNTY
REGISTER OF DEEDS
JULIE NIMES

RECEIVED FOR RECORDING
06/09/2020 02:49 PM
RECORDING FEE: 25.00
PAGES: 2

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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7640-00-22-4.01
SHEET 1 OF 2
AMENDMENT NO: _____



SCHEDULE OF LANDS & INTERESTS REQUIRED					OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF RIVER FALLS.			
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	NEW	R/W SO. FT. REQUIRED EXISTING	TOTAL	TLE SD. FT.		
1	RIVER FALLS PROPERTIES, LLC	TLE	-----	-----	-----	100		
2	ESTATE OF PHILLIP A. IRWIN c/o PAUL D. IRWIN	TLE	-----	-----	-----	240		
3	STACY M. BYSTROM	TLE	-----	-----	-----	300		
4	NATHAN A. RASMUSSEN	TLE	-----	-----	-----	175		
5	SCOTT A. JENSEN AND LAUREN R. JENSEN	TLE	-----	-----	-----	75		

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
50	RIVER FALLS MUNICIPAL UTILITY (ELECTRIC)	RELEASE OF RIGHTS
57	PIERCE-PEPIN ELECTRIC COOPERATIVE (ELECTRIC)	RELEASE OF RIGHTS

EXISTING MONUMENTS			
POINT	Y	X	DESCRIPTION
152	357182.506	446230.048	1" IRON PIPE
153	357182.430	446309.977	1" IRON PIPE
154	357109.864	446406.093	2" IRON PIPE
155	357109.416	446217.993	1" IRON PIPE
156	357109.370	446140.008	1" IRON PIPE
157	357109.274	446068.097	1" IRON PIPE
161	357109.049	445983.473	1" IRON PIPE
336	357193.534	447917.528	1" IRON PIPE
342	357111.991	447792.914	2" IRON PIPE
343	357111.624	447602.865	2" IRON PIPE
349	357111.417	447537.239	2" IRON PIPE

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF RIVER FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: *Donald J. Buza* DATE: 6/9/2020
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RIVER FALLS.
SIGNATURE: *Scot Simpson* DATE: 6/9/2020
PRINT NAME: SCOT SIMPSON

NOTES:

FOR ADDITIONAL INFORMATION, REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF REGISTER OF DEEDS, IN PIERCE COUNTY AS SHEET 2 OF 2 OF DOCUMENT 593473.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), PIERCE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RIVER FALLS.

BASIS OF EXISTING RIGHT OF WAY				
ROAD NAME	PROJECT/SURVEY	VOL.	PAGE	DOC.
CEMETERY ROAD	CSM	11	150	491678
CEMETERY ROAD	CSM	2	193	311207
CEMETERY ROAD	CSM	7	192	402912
965TH STREET	CSM	2	193	311207
S. SIXTH STREET	CSM	11	150	491678

TRANSPORTATION PROJECT PLAT NO: 7640-00-22 - 4.02 AMENDMENT NO: 1 - REMOVES UTILITY PARCELS 54, 58, 59 AND ADDS UTILITY PARCEL 57 AND AMENDS UTILITY PARCELS 53, 55 OF TRANSPORTATION PROJECT PLAT NO: 7640-00-22 - 4.02 RECORDED AS DOCUMENT NUMBER 593649.

THAT PART OF LOT 2 OF CSM VOLUME 11, PAGE 150, DOC 491678 LOCATED IN THE SW 1/4 OF THE NW 1/4, PART OF LOT 1 OF CSM VOLUME 2, PAGE 193, DOC 311207 LOCATED IN THE NW 1/4 OF THE SW 1/4, PART OF LOT 1 OF CSM VOLUME 7, PAGE 192 DOC 402912 LOCATED IN THE NW 1/4 OF THE SW 1/4 AND THE NE 1/4 OF THE SW 1/4, AND PART OF THE SE 1/4 OF THE NW 1/4; ALL IN SECTION 7, T 27 N, R 18 W, CITY OF RIVER FALLS, PIERCE COUNTY, WISCONSIN.

RELOCATION ORDER STH 29 C. RIVER FALLS, CEMETERY ROAD (MAIN STREET TO STH 65) PIERCE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RIVER FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF RIVER FALLS ORDERS THAT:

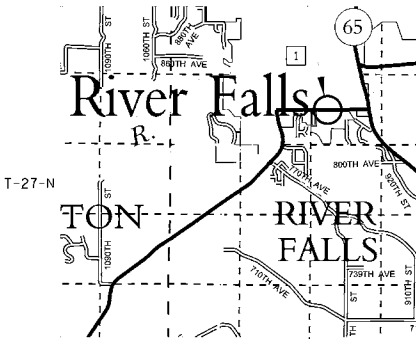
- THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RIVER FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

597300
PIERCE COUNTY
REGISTER OF DEEDS
JULIE HINES
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PAGES: 1

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PROJECT NUMBER 7640-00-22-4.02
AMENDMENT NO: 1

PLAT LOCATION



LOCATION MAP
NOT TO SCALE

FOUND 2" IRON PIPE
WITH BRASS CAP
Y = 357140.681
X = 453765.158

- 50 RIVER FALLS MUNICIPAL UTILITY (NO EASEMENT OF RECORD) PARCEL 9
- 50 RIVER FALLS MUNICIPAL UTILITY V 98 PG 722; DOC 260426 PARCEL 7
- 51 ST. CROIX GAS CSM V 11 PG 150; DOC 491678 PARCEL 6
- 51 ST. CROIX GAS (NO EASEMENT OF RECORD) PARCEL 9
- 52 AT&T WI CSM V 11 PG 150; DOC 491678 PARCEL 6
- 52 AT&T WI (NO EASEMENT OF RECORD) PARCEL 9
- 53 BALDWIN TELECOM, INC. CSM V 11 PG 150; DOC 491678 PARCEL 6
- 55 COMCAST CSM V 7 PG 192; DOC 402912 PARCEL 8
- 55 COMCAST (NO EASEMENT OF RECORD) PARCEL 9
- 55 MEDIAONE OF MINNESOTA, INC. DOC 405983 PARCEL 7
- 55 COMCAST CSM V 1 PG 193; DOC 283612 CSM V 2 PG 193; DOC 311207 PARCEL 7
- 57 PIERCE-PEPIN ELECTRIC COOPERATIVE (ELECTRIC) V "B" P 514; DOC 197222 PARCEL 6

EXISTING MONUMENTS			
POINT	Y	X	DESCRIPTION
329	357190.884	448701.928	MAG NAIL
330	357191.775	448635.601	1" IRON PIPE
331	357118.275	448696.291	1" IRON PIPE (BENT)

UTILITY INTERESTS REQUIRED

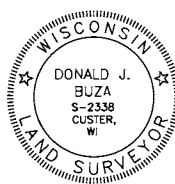
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
50	RIVER FALLS MUNICIPAL UTILITY (ELECTRIC)	RELEASE OF RIGHTS
51	ST. CROIX GAS (GAS)	RELEASE OF RIGHTS
52	AT&T WI (TELEPHONE)	RELEASE OF RIGHTS
53	BALDWIN TELECOM, INC. (FIBER OPTIC)	RELEASE OF RIGHTS
55	COMCAST	RELEASE OF RIGHTS
57	PIERCE-PEPIN ELECTRIC COOPERATIVE (ELECTRIC)	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SO. FT. REQUIRED			TLE SO. FT.
			NEW	EXISTING	TOTAL	
6	RIVER FALLS DEVELOPMENT, LLC	TLE	-----	-----	-----	250
7	LEO AND MARLYS KARRAS REVOCABLE TRUST	TLE	-----	-----	-----	150
8	SCHOOL DISTRICT OF RIVER FALLS	TLE	-----	-----	-----	1775
9	RIVER FALLS YOUTH HOCKEY LEAGUE ASSOCIATION, INC.	TLE	-----	-----	-----	1215

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF RIVER FALLS.

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF RIVER FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SIGNATURE: *Donald J. Buza* DATE: 10/27/2020
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RIVER FALLS.
SIGNATURE: *Scot Simpson* DATE: 10/27/2020
PRINT NAME: SCOT SIMPSON

NOTES:

FOR ADDITIONAL INFORMATION, REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF REGISTER OF DEEDS, IN PIERCE COUNTY AS SHEET 2 OF 2 OF DOCUMENT 593473.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), PIERCE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/8" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RIVER FALLS.

TRANSPORTATION PROJECT PLAT NO: 7640-00-22 - 4.03 AMENDMENT NO: 1 - REMOVES UTILITY PARCEL 54 AND AMENDS UTILITY PARCEL 51 AND REVISES UTILITY PARCEL 55 OF TRANSPORTATION PROJECT PLAT NO: 7640-00-22 - 4.03 RECORDED AS DOCUMENT NUMBER 593651.

THAT PART OF THE SE 1/4 OF THE NW 1/4, AND THAT PART OF LOTS 3, 4 AND 5 OF CSM VOLUME 9, PAGE 12, DOC 425444 LOCATED IN THE NW 1/4 OF THE SE 1/4, ALL IN SECTION 7, T 27 N, R 18 W, CITY OF RIVER FALLS, PIERCE COUNTY, WISCONSIN.

RELOCATION ORDER STH 29 C. RIVER FALLS, CEMETERY ROAD (MAIN STREET TO STH 65) PIERCE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RIVER FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

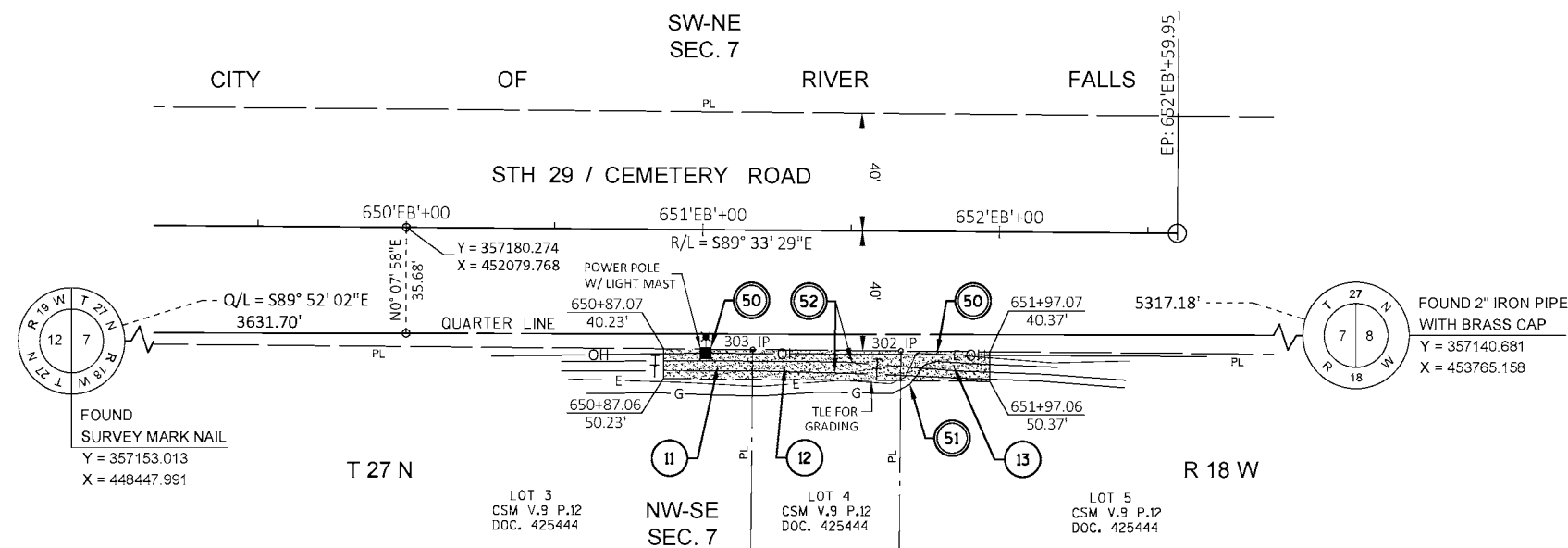
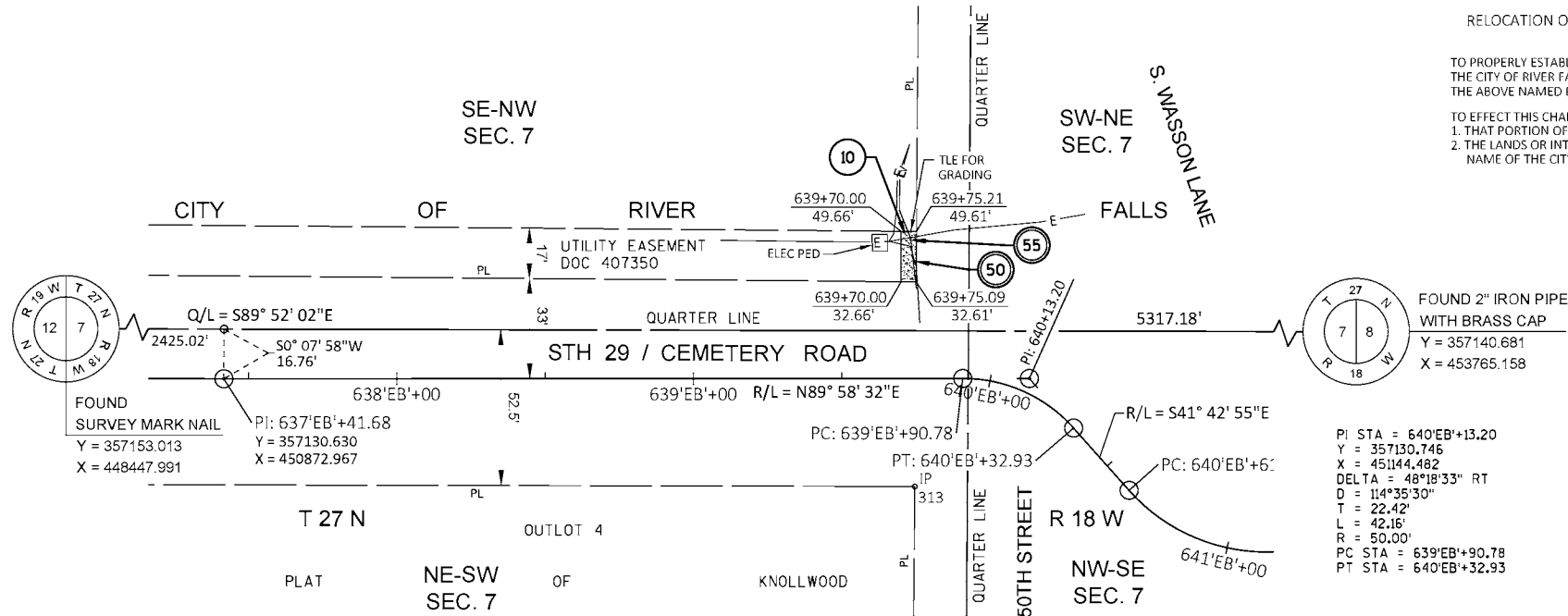
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF RIVER FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RIVER FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

597301
PIERCE COUNTY
REGISTER OF DEEDS
JULIE HINES

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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7640-00-22-4.03
AMENDMENT NO: 1



EXISTING MONUMENTS				
POINT	Y	X	DESCRIPTION	
302	357138.656	452246.524	MAG NAIL	
303	357139.113	452196.556	MAG NAIL	
313	357094.270	451105.867	1.25" IRON PIPE	

- 50 RIVER FALLS MUNICIPAL UTILITY (ELECTRIC)
DOC 407350
PARCEL 10
- 50 RIVER FALLS MUNICIPAL UTILITY (ELECTRIC)
CSM V 9 PG 12; DOC 425444
PARCELS 11, 12, 13
- 51 ST. CROIX GAS (GAS)
CSM V 9 PG 12; DOC 425444
PARCELS 11, 12, 13
- 51 ST. CROIX GAS
DOC 407350
PARCEL 10
- 52 AT&T WI (TELEPHONE)
CSM V 9 PG 12; DOC 425444
PARCELS 11, 12, 13
- 55 COMCAST (CABLE TV)
(NO EASEMENT OF RECORD)
PARCEL 10

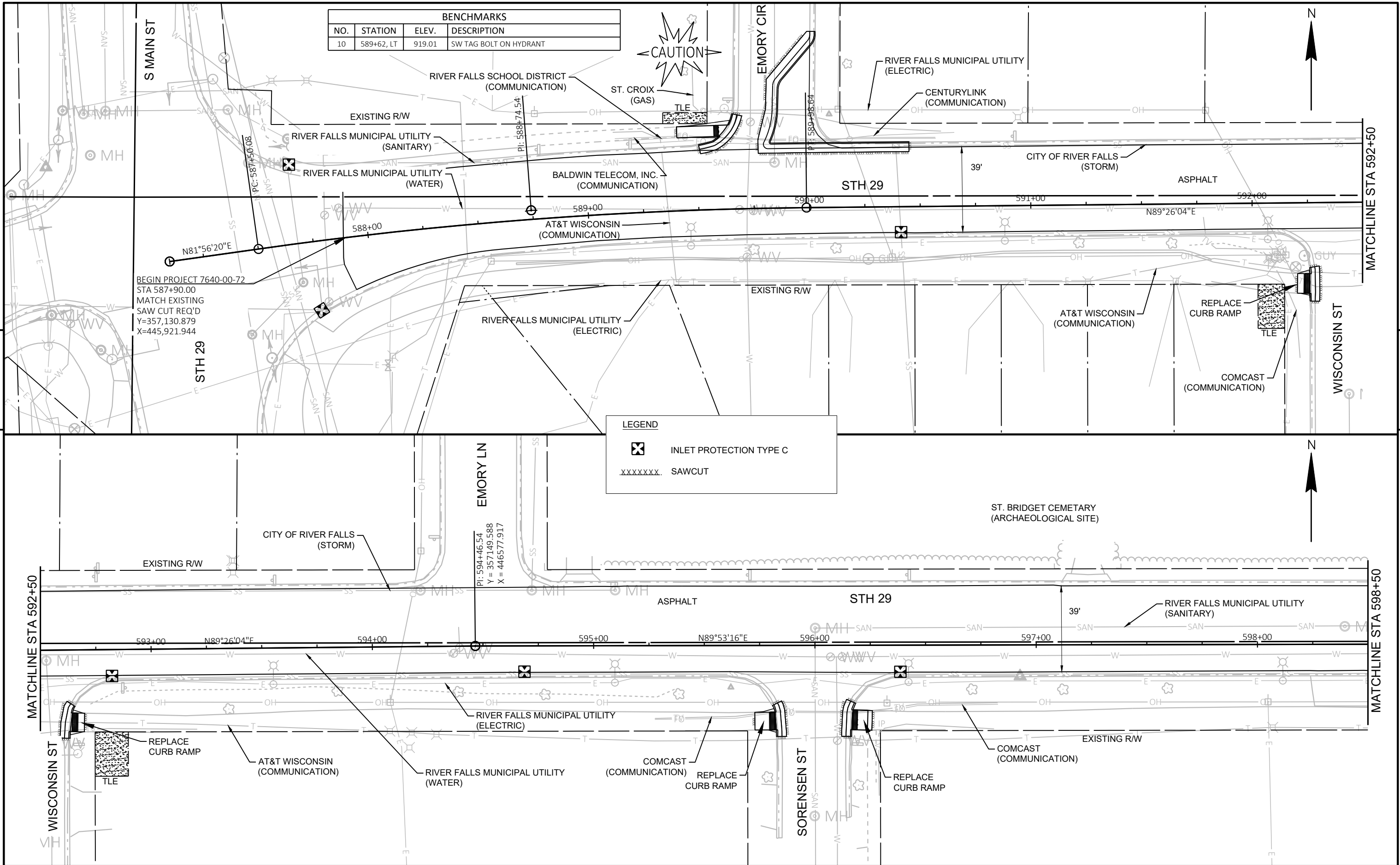
SCHEDULE OF LANDS & INTERESTS REQUIRED				OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF RIVER FALLS.			
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SO. FT. REQUIRED	NEW	EXISTING	TOTAL	TLE SO. FT.
10	BOARD OF REGENTS OF STATE UNIVERSITIES	TLE	-----	-----	-----	-----	88
11	RED CEDAR ESTATES, LIMITED PARTNERSHIP	TLE	-----	-----	-----	-----	300
12	RED CEDAR ESTATES II	TLE	-----	-----	-----	-----	500
13	DOUGLAS J. CUDD AND GERALD E. MORROW	TLE	-----	-----	-----	-----	300

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
50	RIVER FALLS MUNICIPAL UTILITY (ELECTRIC)	RELEASE OF RIGHTS
51	ST. CROIX GAS (GAS)	RELEASE OF RIGHTS
52	AT&T WI (TELEPHONE)	RELEASE OF RIGHTS
55	COMCAST (CABLE TV)	RELEASE OF RIGHTS

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF RIVER FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: *Donald J. Buza* DATE: 10/27/2020
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RIVER FALLS.
SIGNATURE: *Scot Simpson* DATE: 10/27/2020
PRINT NAME: SCOT SIMPSON

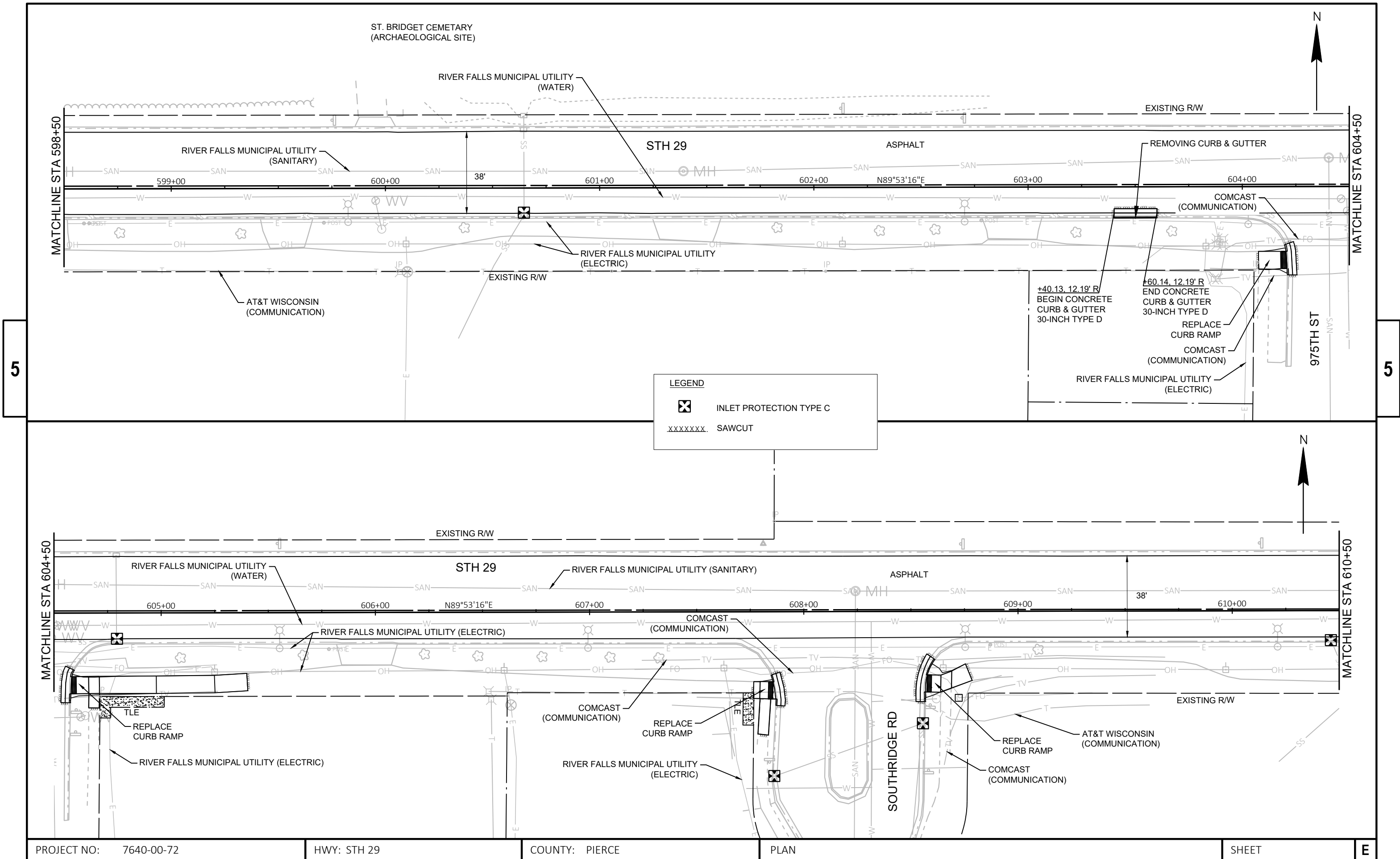


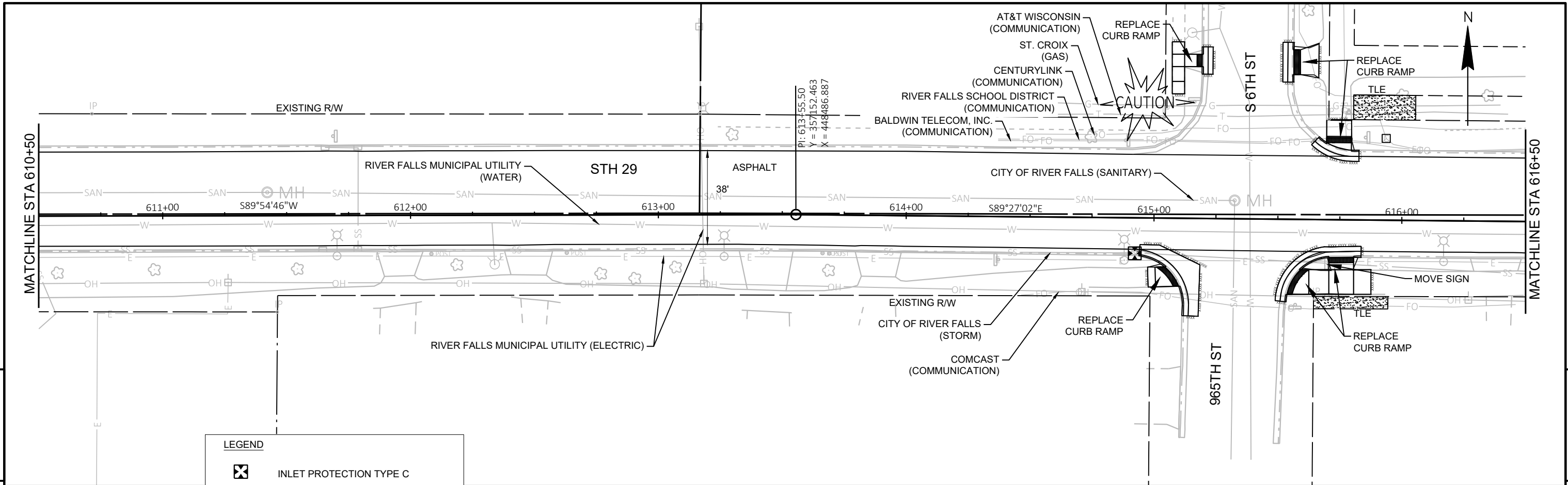
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
10	589+62, LT	919.01	SW TAG BOLT ON HYDRANT

LEGEND

INLET PROTECTION TYPE C

SAWCUT

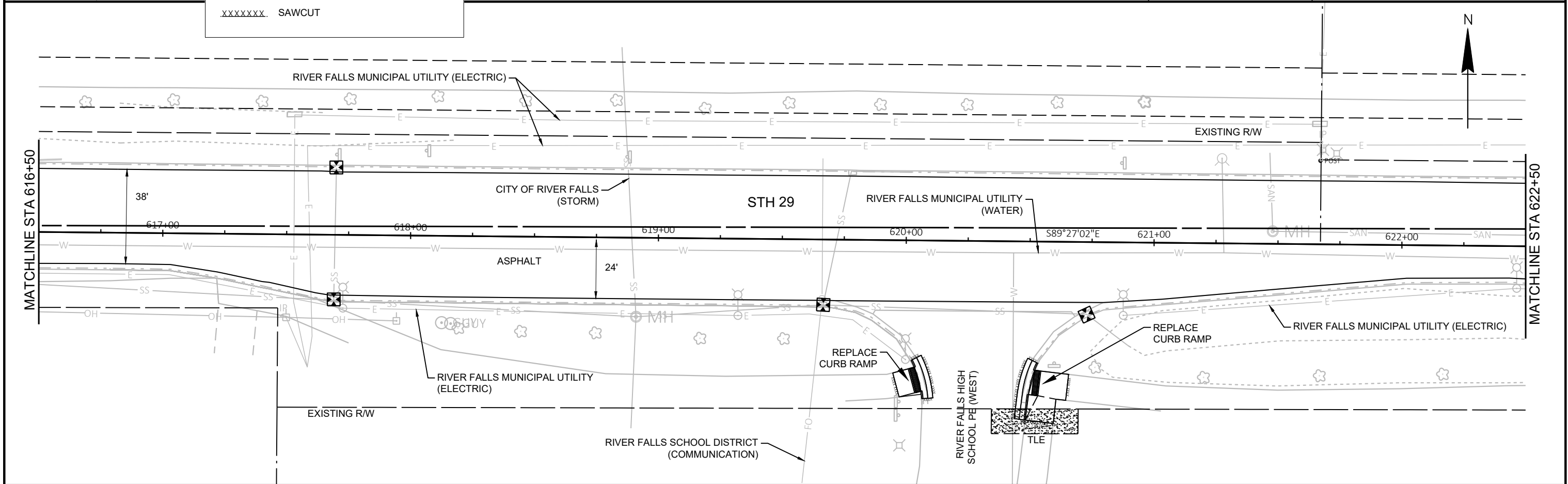




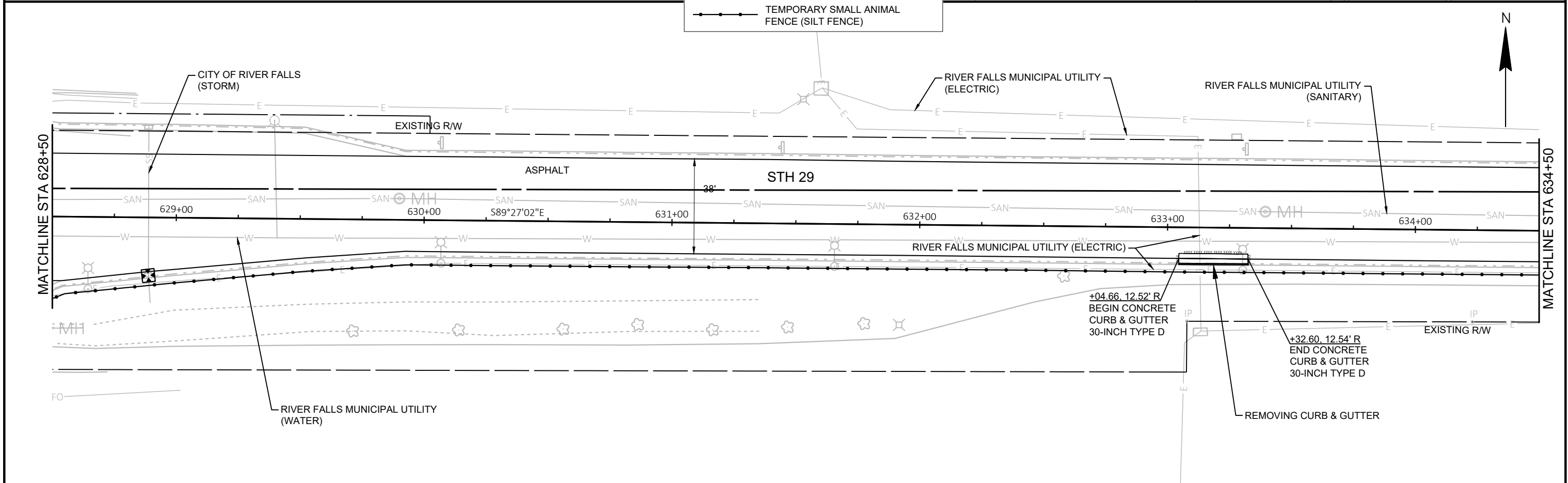
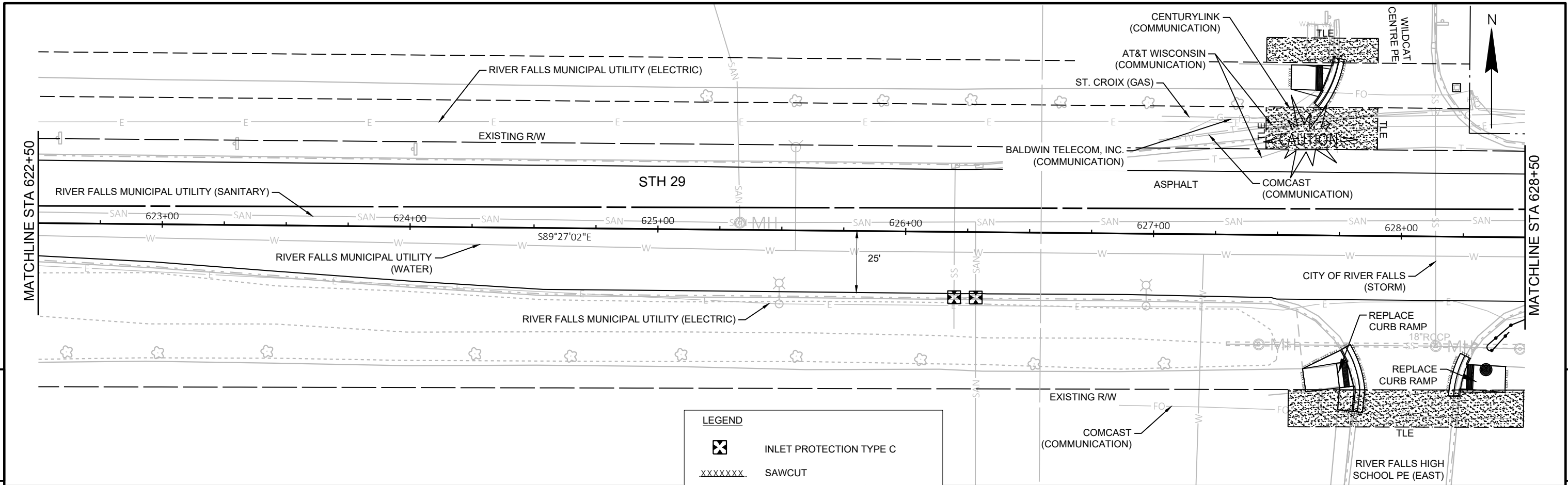
LEGEND

 INLET PROTECTION TYPE C

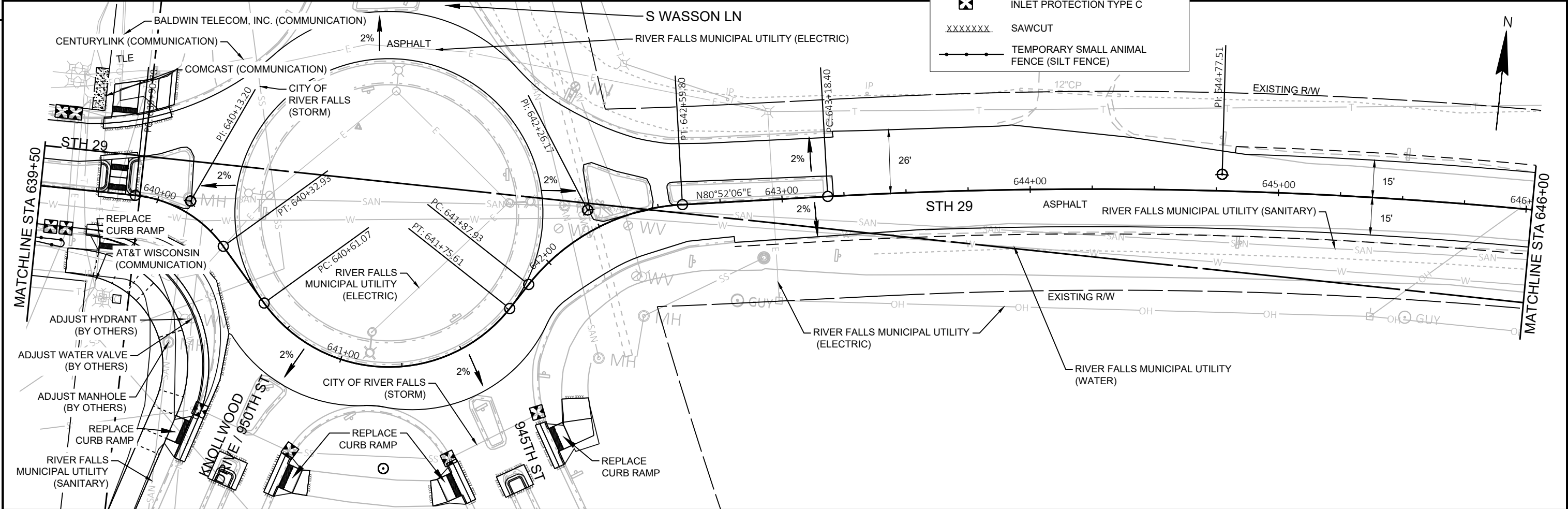
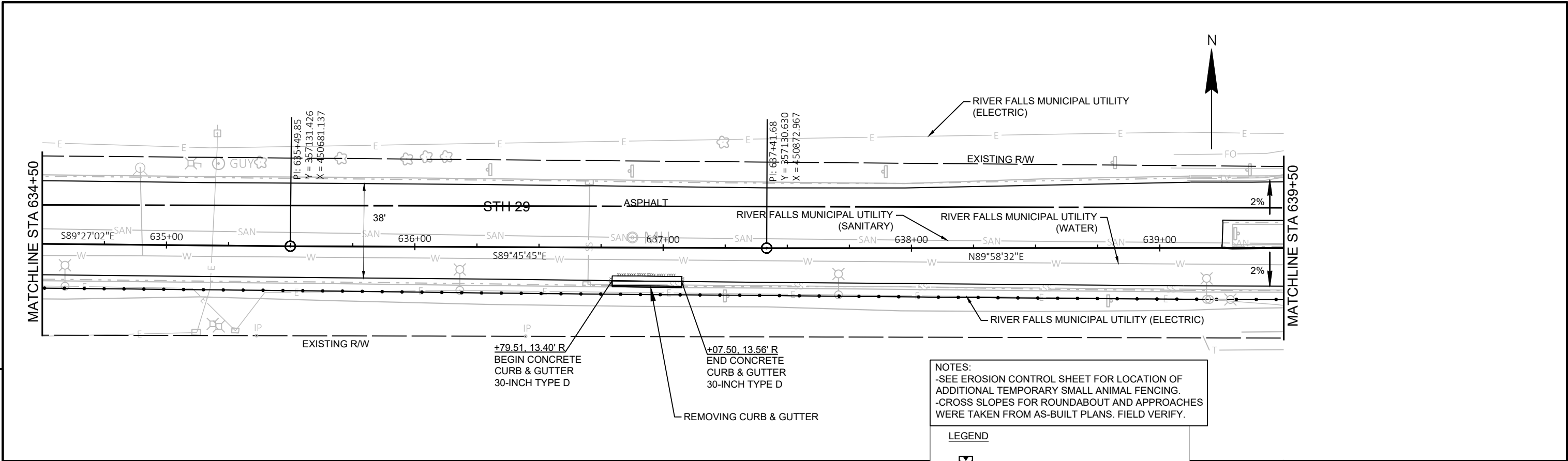
 SAWCUT



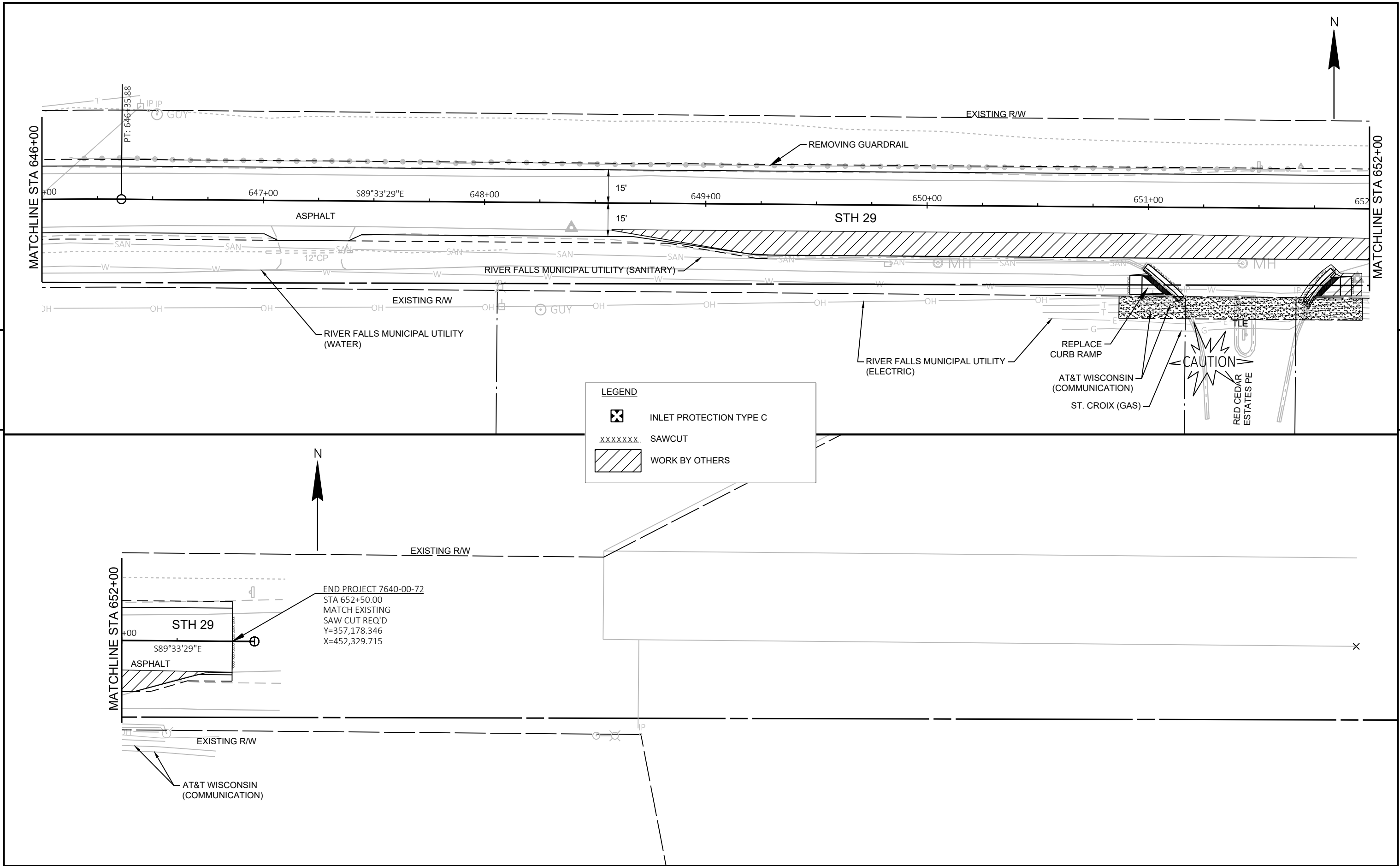
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PROJECT NO: 7640-00-72	HWY: STH 29	COUNTY: PIERCE	PLAN	SHEET	E
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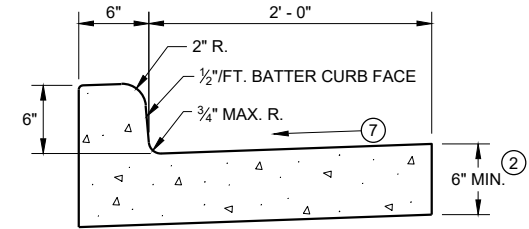
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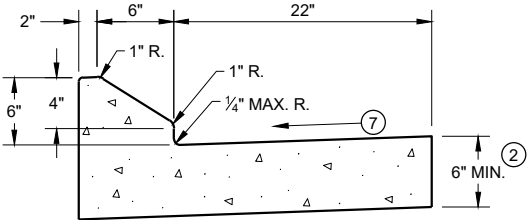
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Standard Detail Drawing List

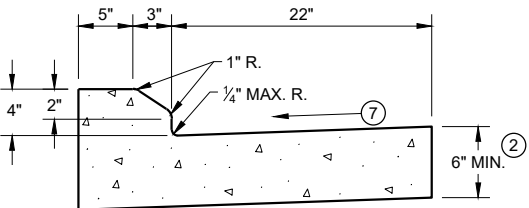
08D01-21A	CONCRETE CURB & GUTTER
08D01-21B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-20A	CURB RAMPS TYPES 1 AND 1-A
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
14B29-01	SAFETY EDGE
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C08-20B	PAVEMENT MARKING (TURN LANES)
15C08-20C	PAVEMENT MARKING (TURN LANES)
15C11-08B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C18-04	MEDIAN ISLAND MARKING
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-06B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D30-06A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-06B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-06C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D37-03	TRAFFIC CONTROL, 2-LANE ROUNDABOUT
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS



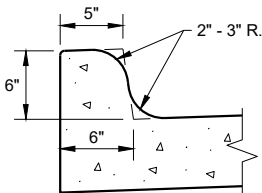
TYPES A^① & D



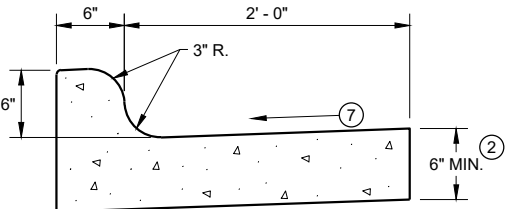
6" SLOPED CURB TYPES G^① & J



4" SLOPED CURB TYPES G^① & J

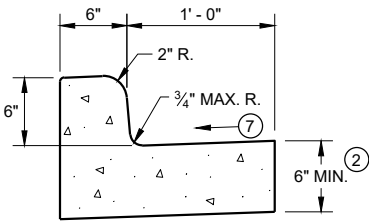


TYPES K^① & L
(OPTIONAL CURB SHAPE)



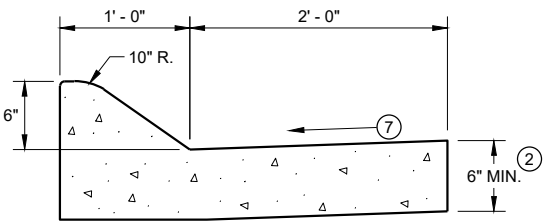
TYPES K^① & L

CONCRETE CURB AND GUTTER 30"

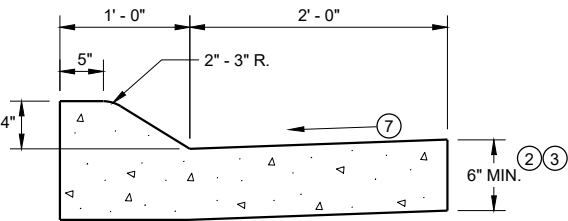


TYPES A^① & D

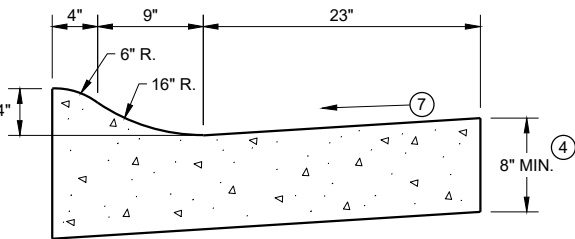
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A^① & D



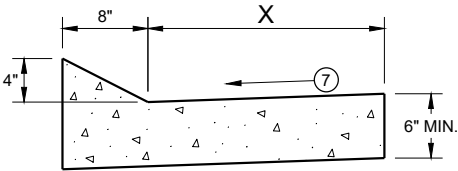
4" SLOPED CURB TYPES A^① & D



4" SLOPED CURB TYPES R^① & T^⑤

CONCRETE CURB AND GUTTER 36"

TBT & TBTT	X
30"	22"
36"	28"

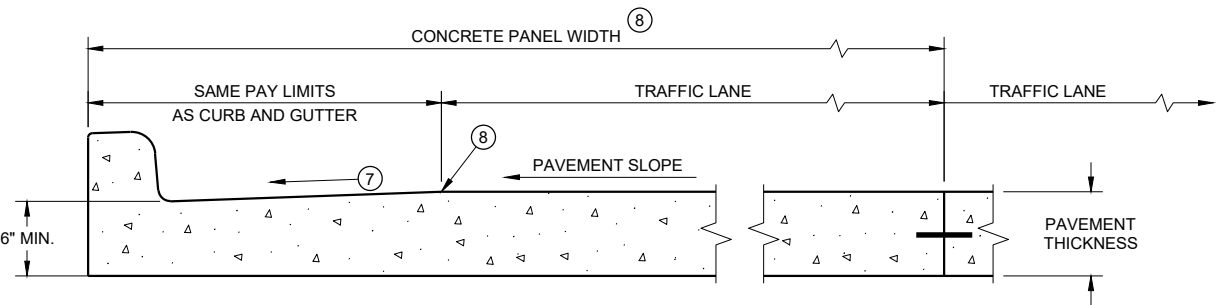


TYPES TBT & TBTT^①

CONCRETE CURB AND GUTTER

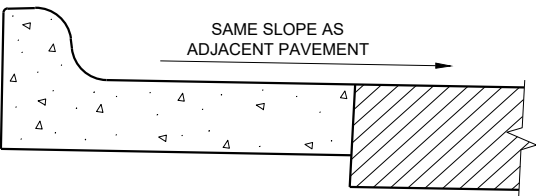
PAVEMENT THICKNESS
AND MAXIMUM CONCRETE
PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER^⑥
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

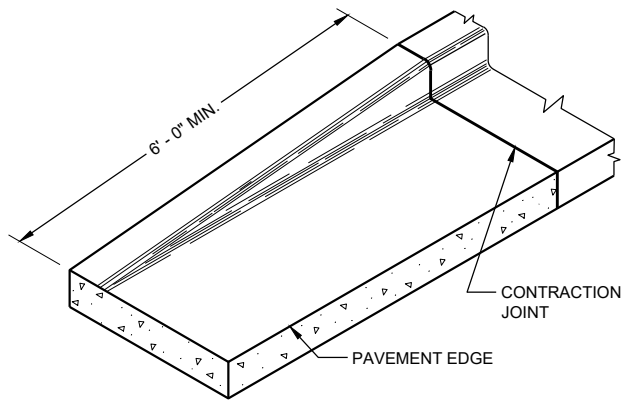
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

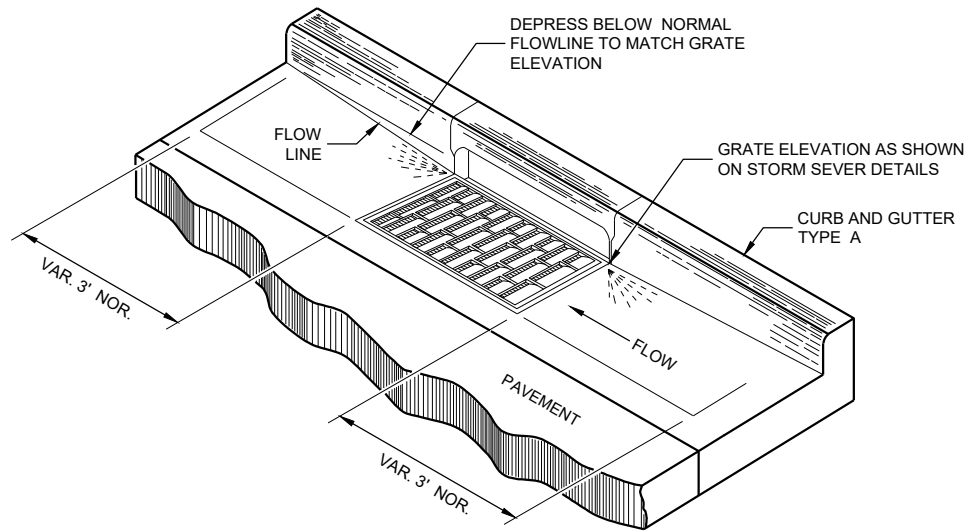
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
- ④ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ⑤ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- ⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
- ⑦ USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
- ⑧ INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

CONCRETE CURB AND GUTTER

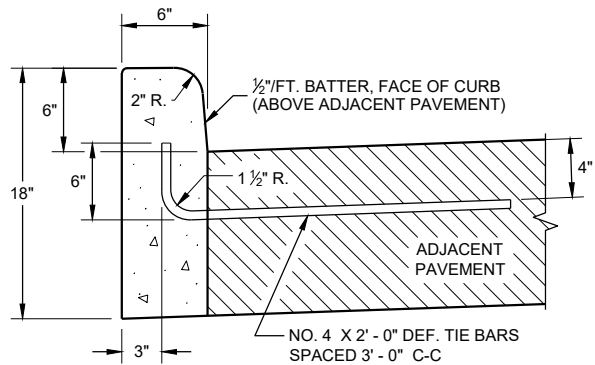
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



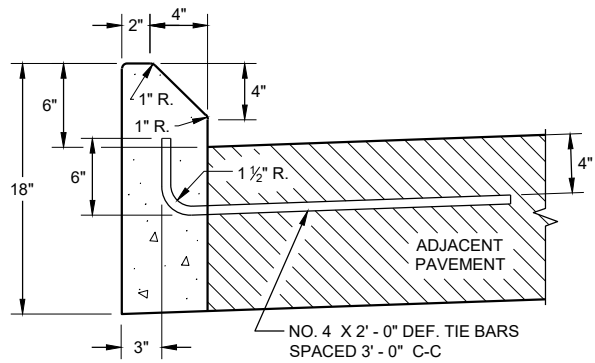
END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

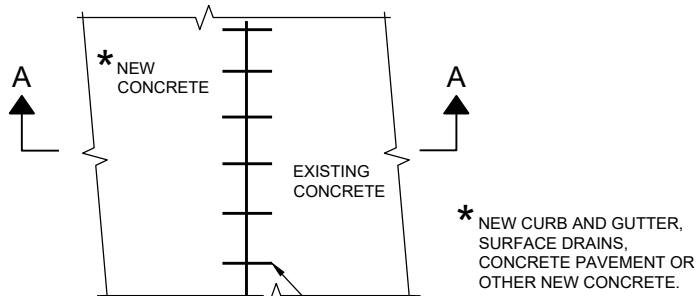


TYPES A^① & D

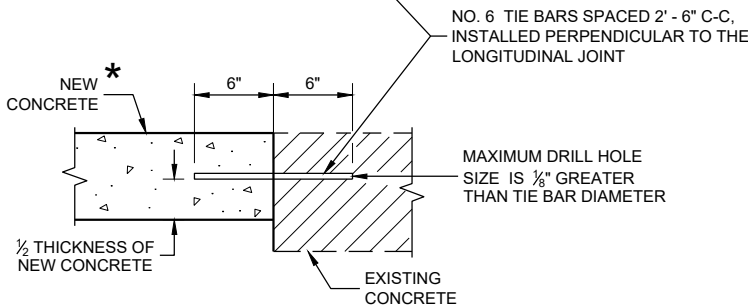


TYPES G^① & J

CONCRETE CURB



PLAN VIEW



SECTION A - A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

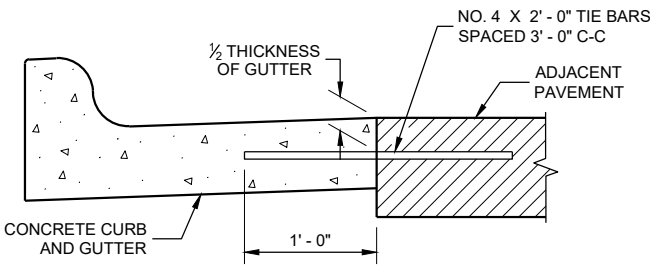
GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

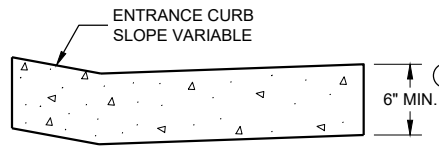
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ⑨ REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION^①



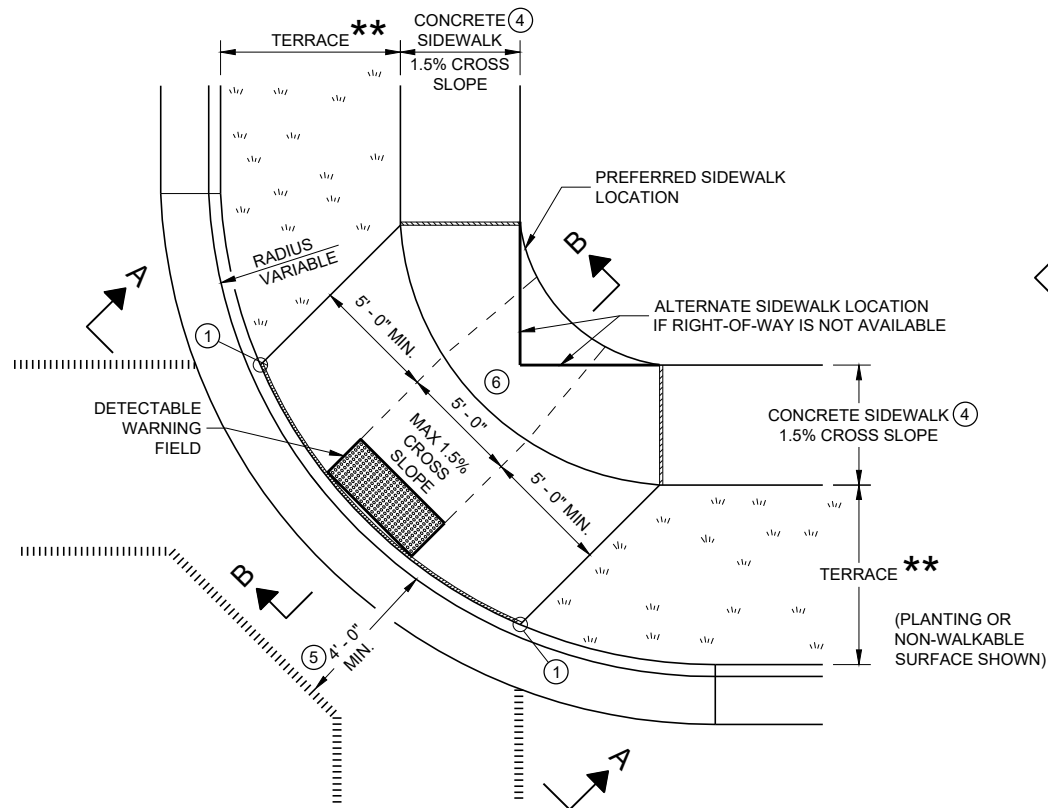
DRIVEWAY ENTRANCE CURB^⑨
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES
AND CURB AND GUTTER
APPLICATIONS

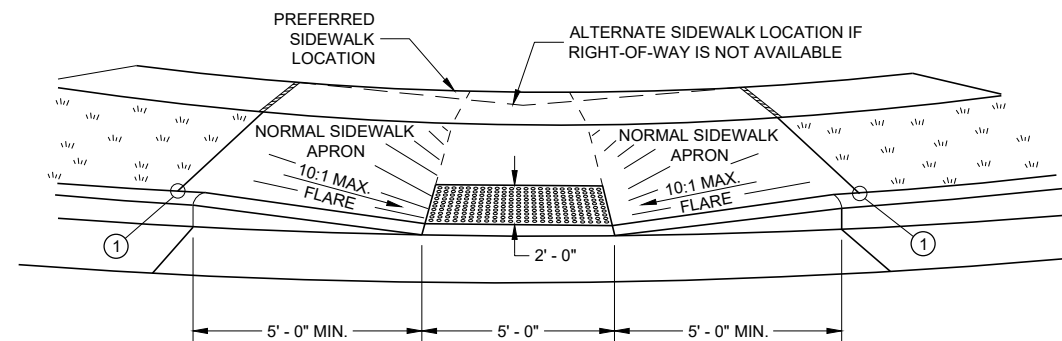
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE /S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

FHWA

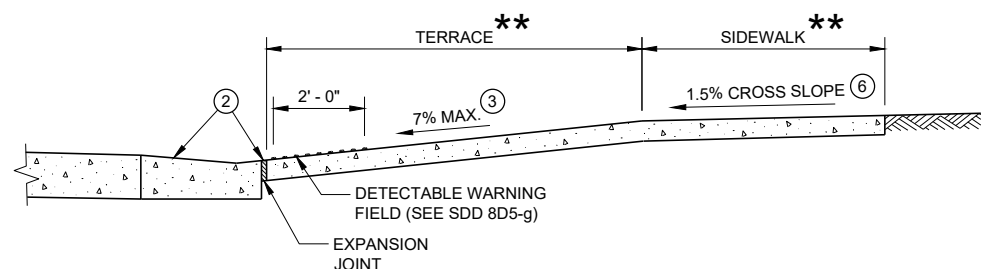


PLAN VIEW
CURB RAMP TYPE 1
(CENTER OF CORNER RADIUS)

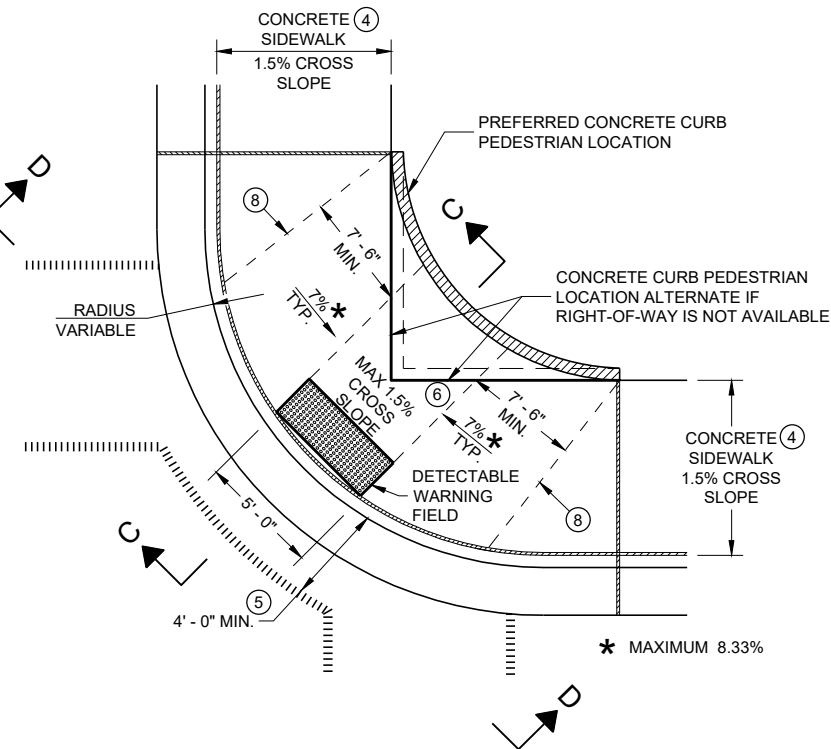


VIEW A - A FOR TYPE 1

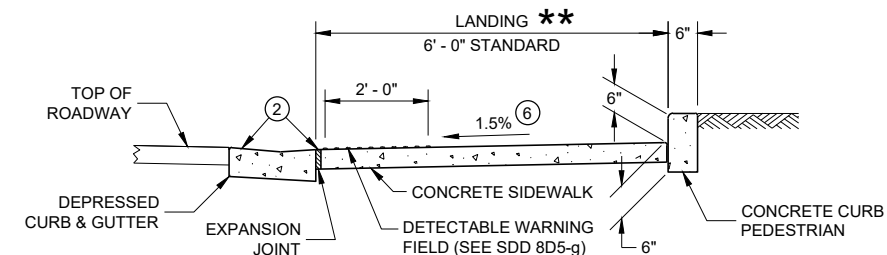
** WIDTH SHOWN ELSEWHERE
IN THE PLANS



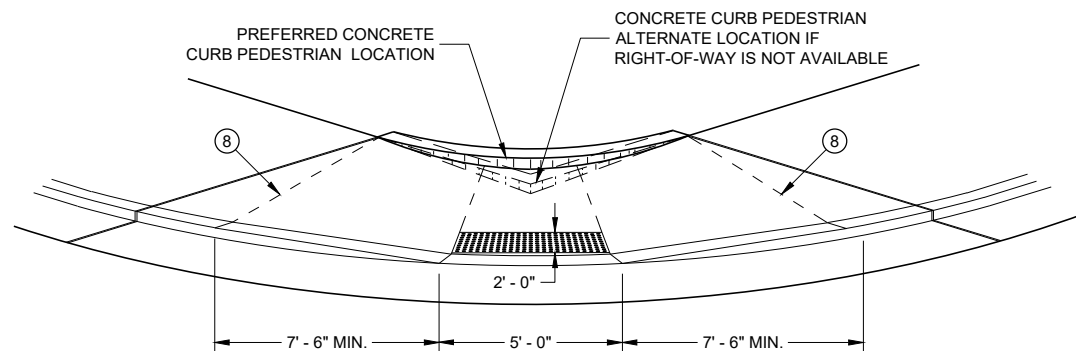
SECTION B - B FOR TYPE 1



PLAN VIEW
CURB RAMP TYPE 1 - A
(NO TERRACE)



SECTION C - C FOR TYPE 1 - A



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

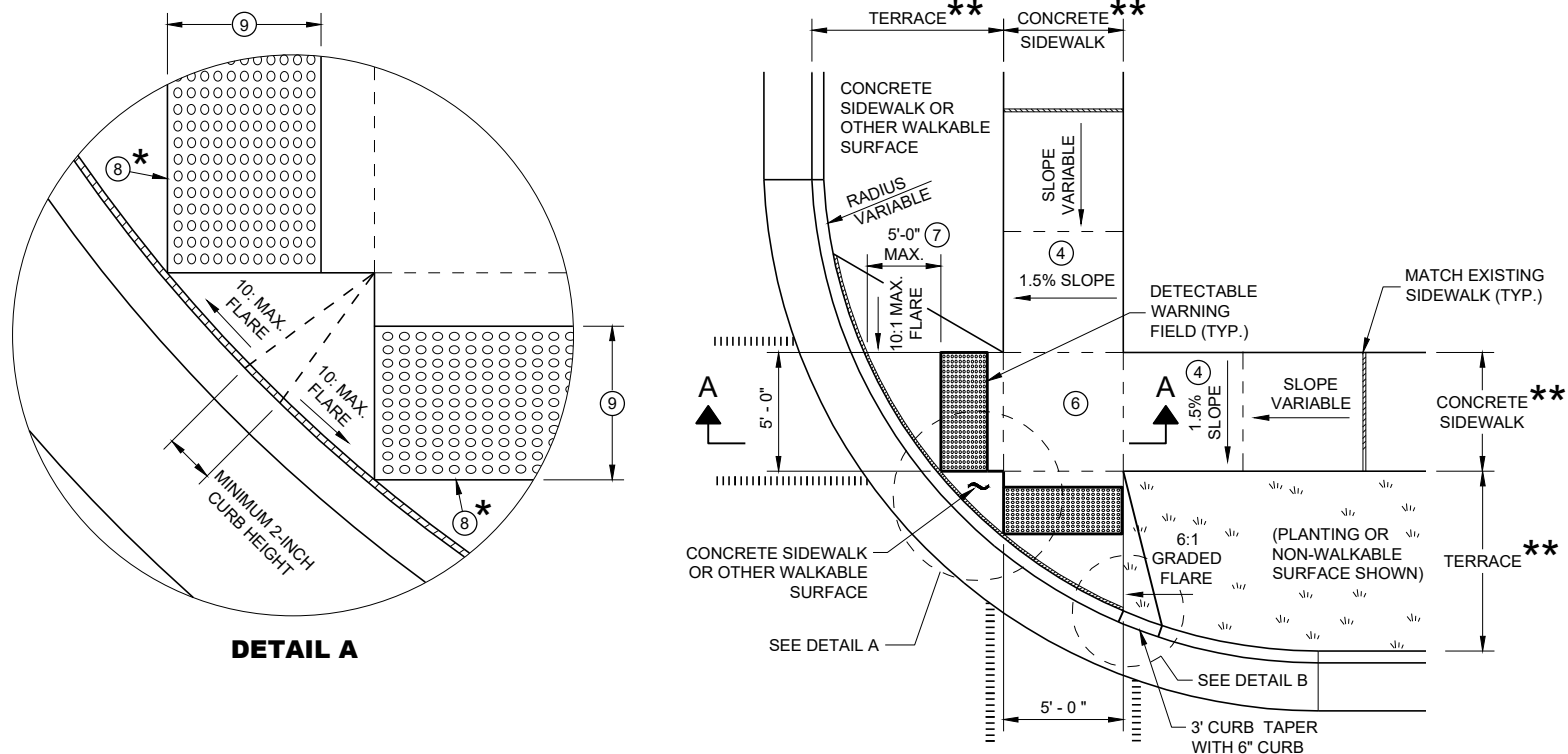
- THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

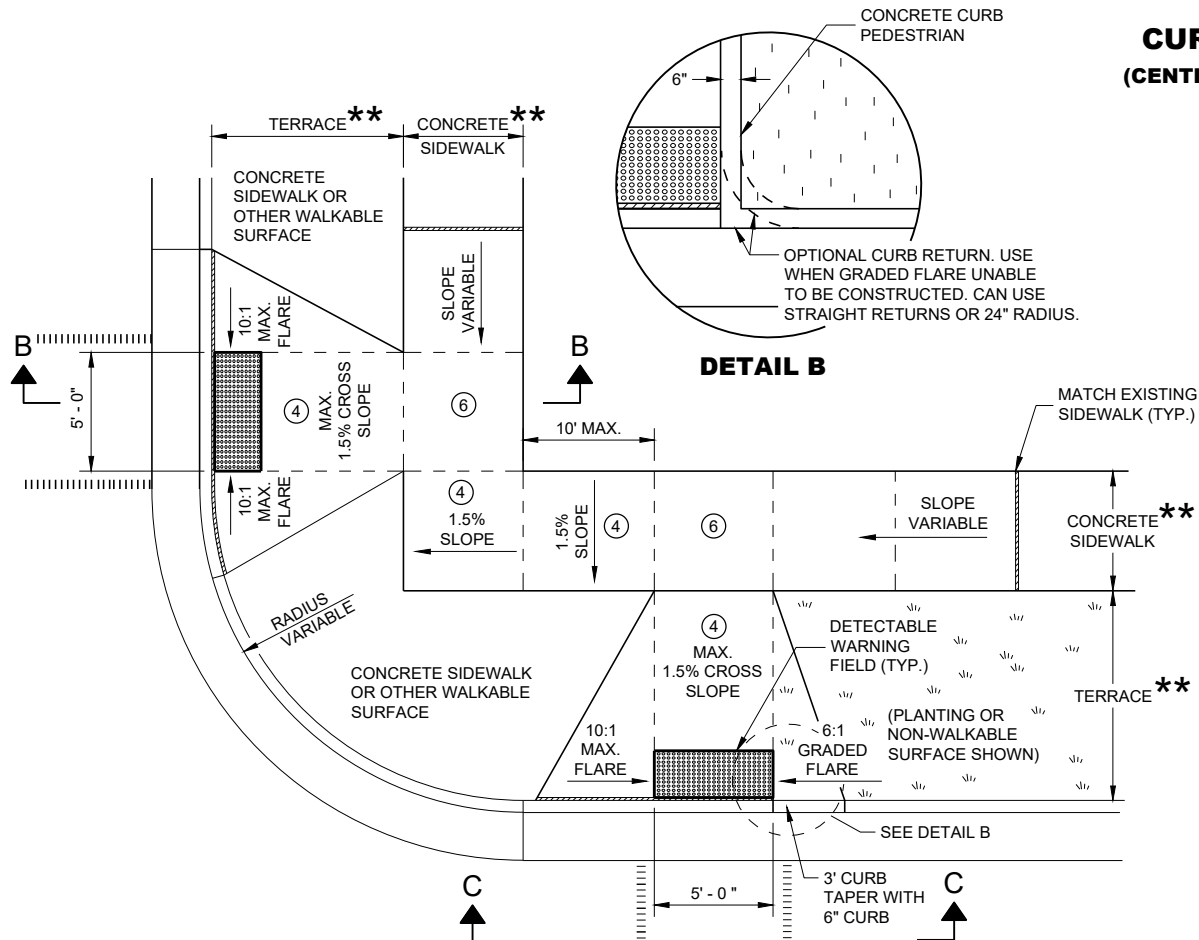
- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



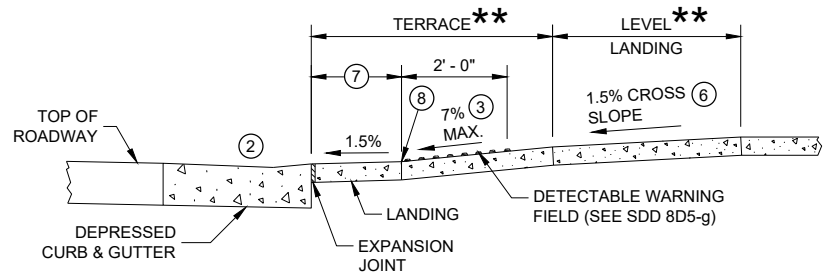
PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



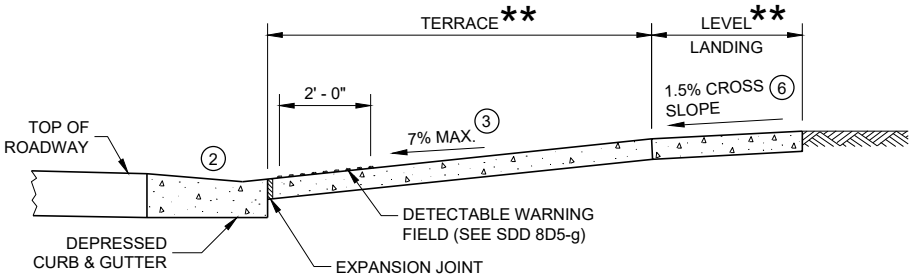
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

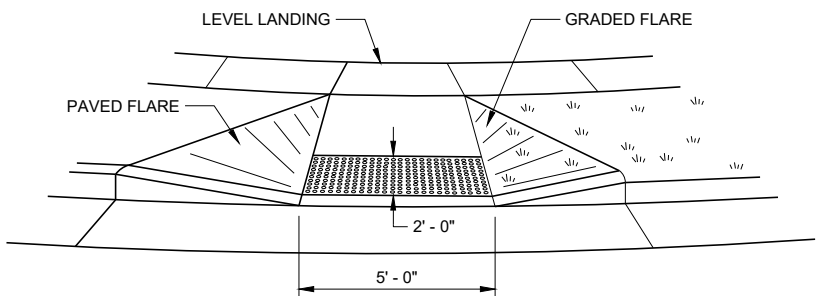
- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.
- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/2 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
 - ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.
 - ④ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 - ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.
 - ⑦ WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
 - ⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
 - ⑨ WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

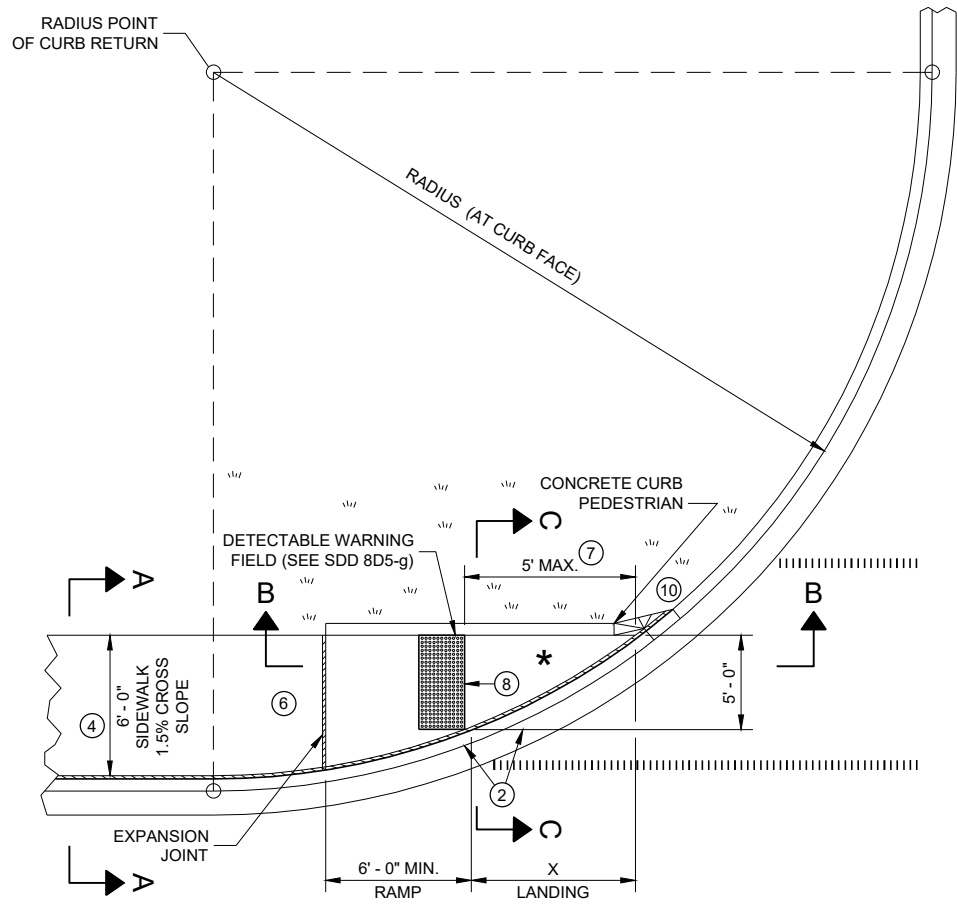
- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

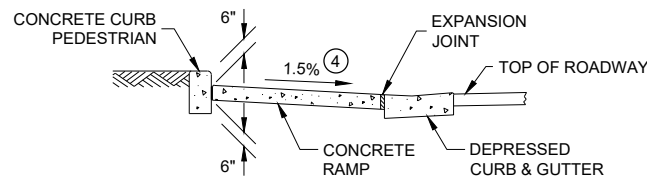
** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS
TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

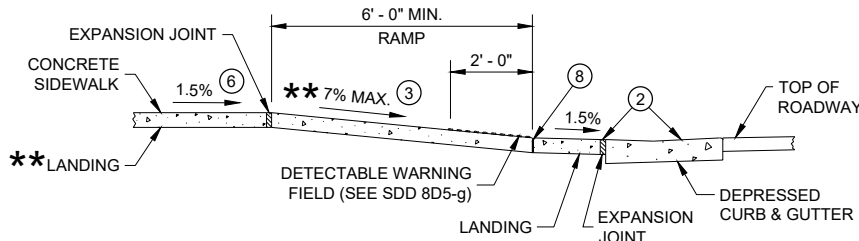


PLAN VIEW
CURB RAMP TYPE 4A



SECTION C - C FOR TYPE 4A

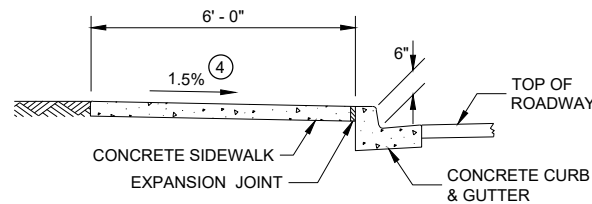
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



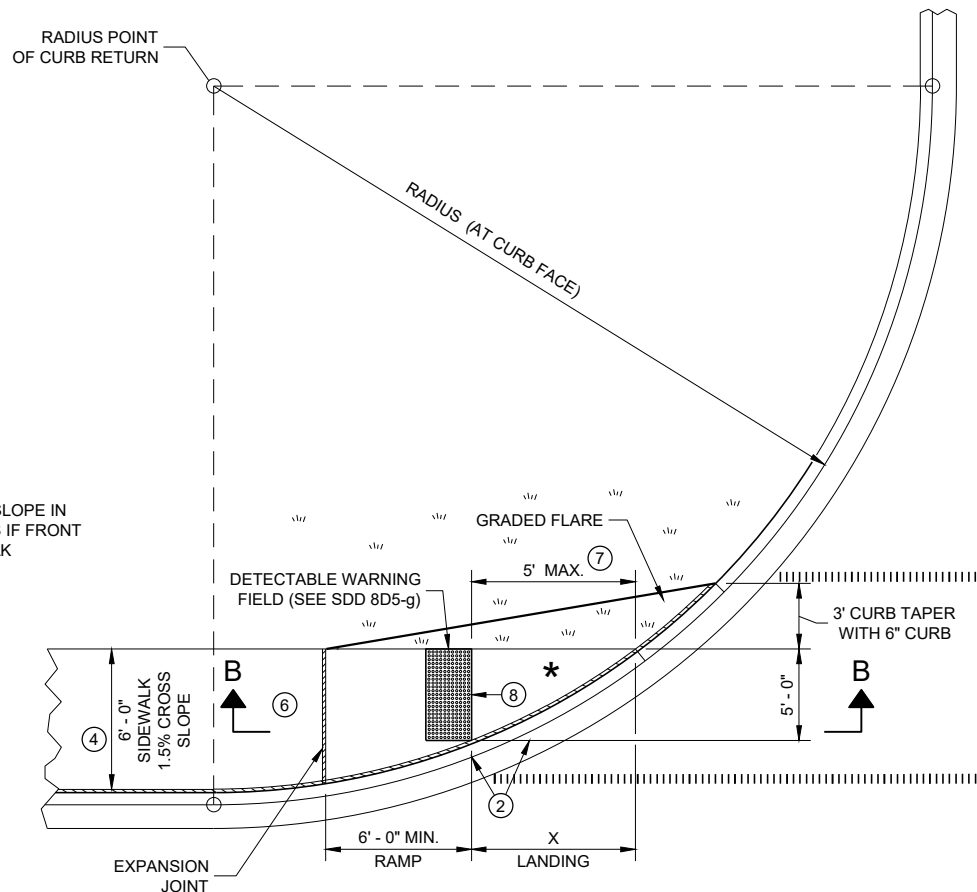
SECTION B - B FOR
TYPE 4A AND TYPE 4A1

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"
15 FEET	6' - 5 1/2"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



PLAN VIEW
CURB RAMP TYPE 4A1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

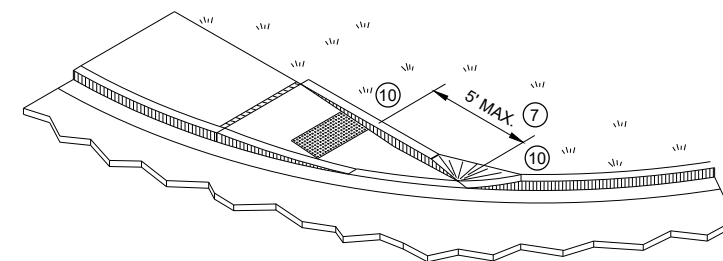
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

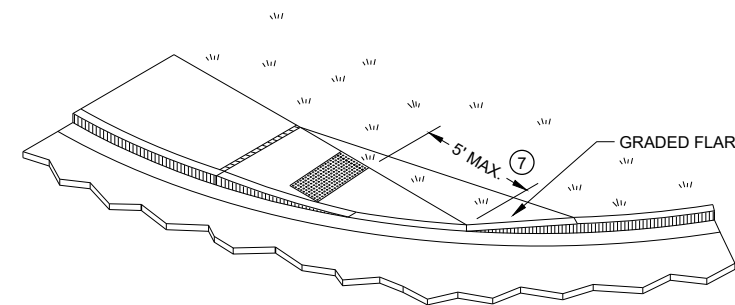
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



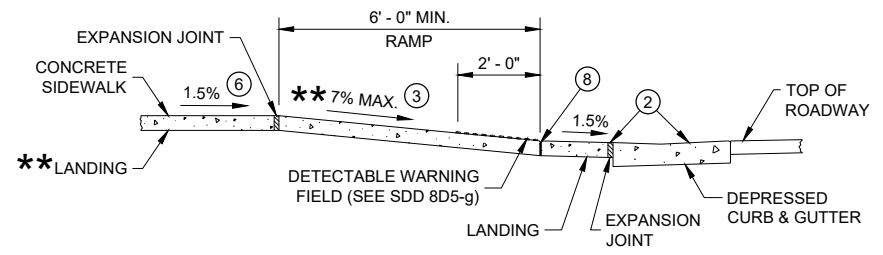
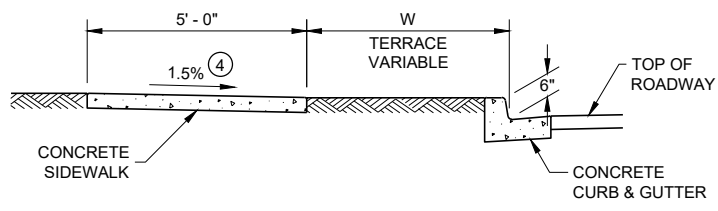
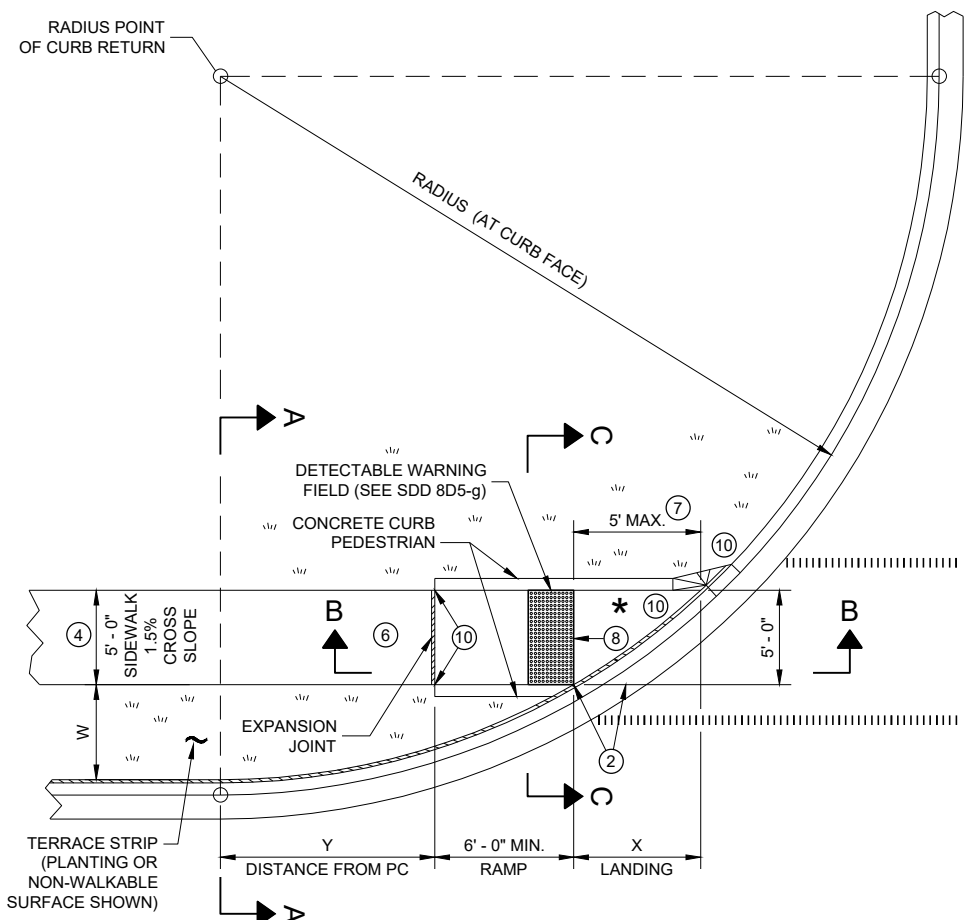
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

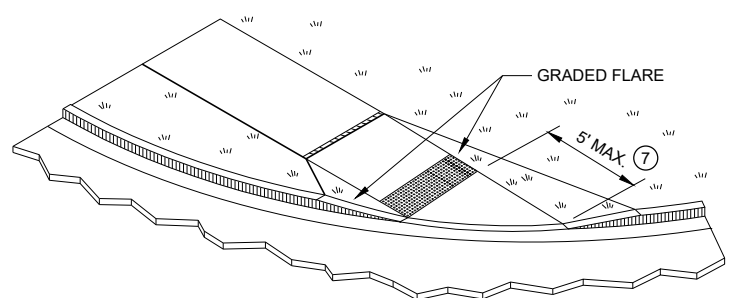
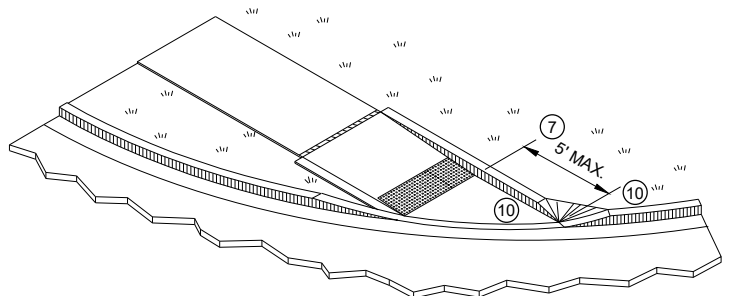
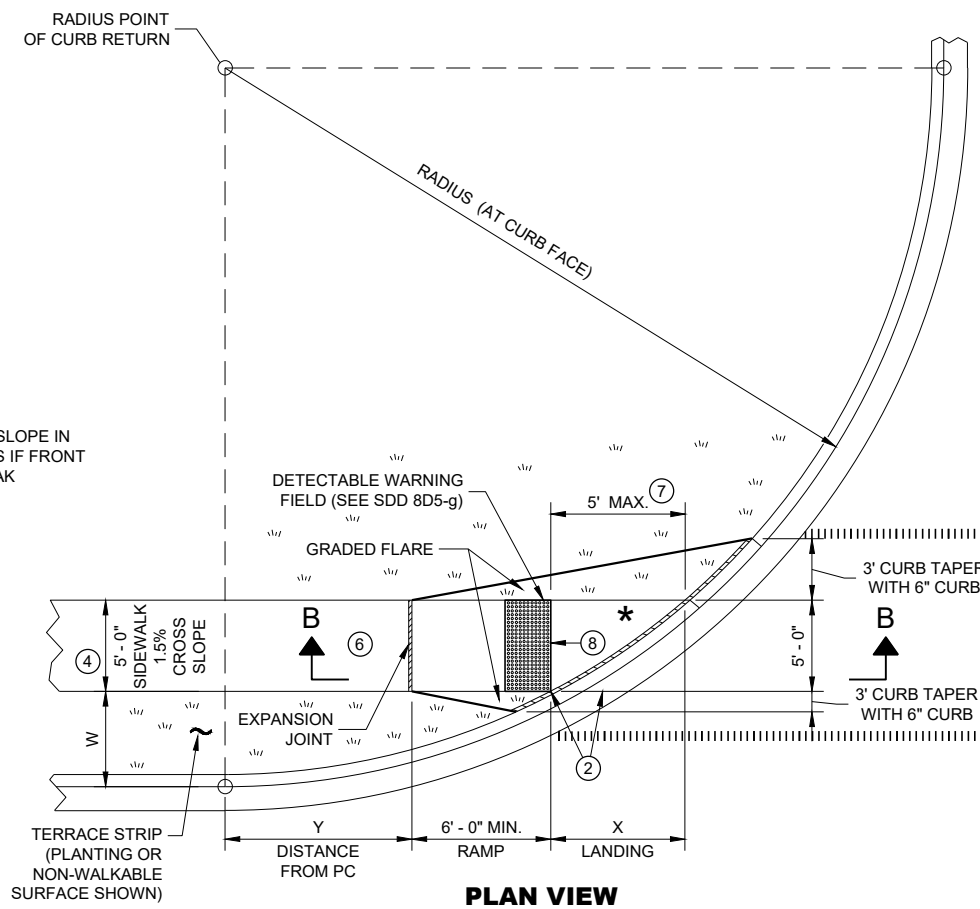
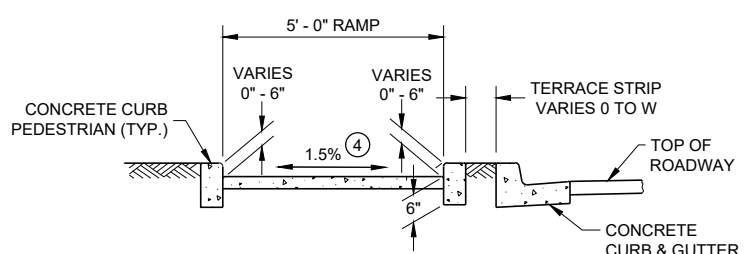


** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 3/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET	5' - 9 3/4"	3' - 6 1/2"	4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET			6' - 9 1/4"	7' - 11 1/4"	6' - 0 1/4"	9' - 8"	5' - 5"	11' - 1 3/4"	4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET									6' - 1 3/4"	15' - 8 1/2"	5' - 8"	17' - 2"	5' - 3"	18' - 5 3/4"	4' - 10 3/4"	19' - 8 1/4"
50 FEET															5' - 10 1/4"	23' - 2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



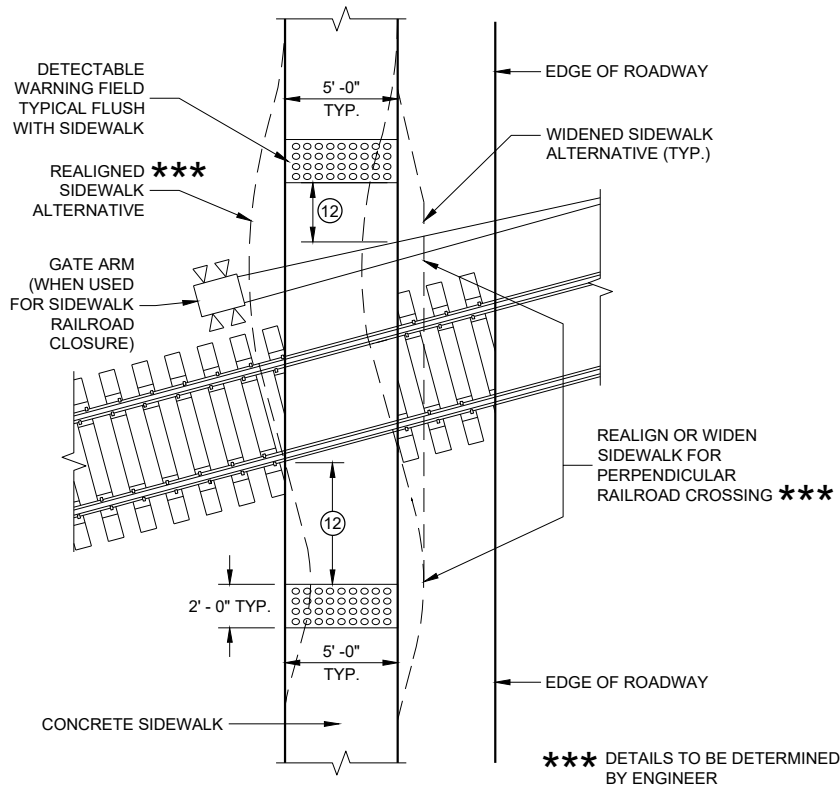
- LEGEND**
- 1/2" EXPANSION JOINT SIDEWALK
 - CONTRACTION JOINT SIDEWALK
 - PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4" - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

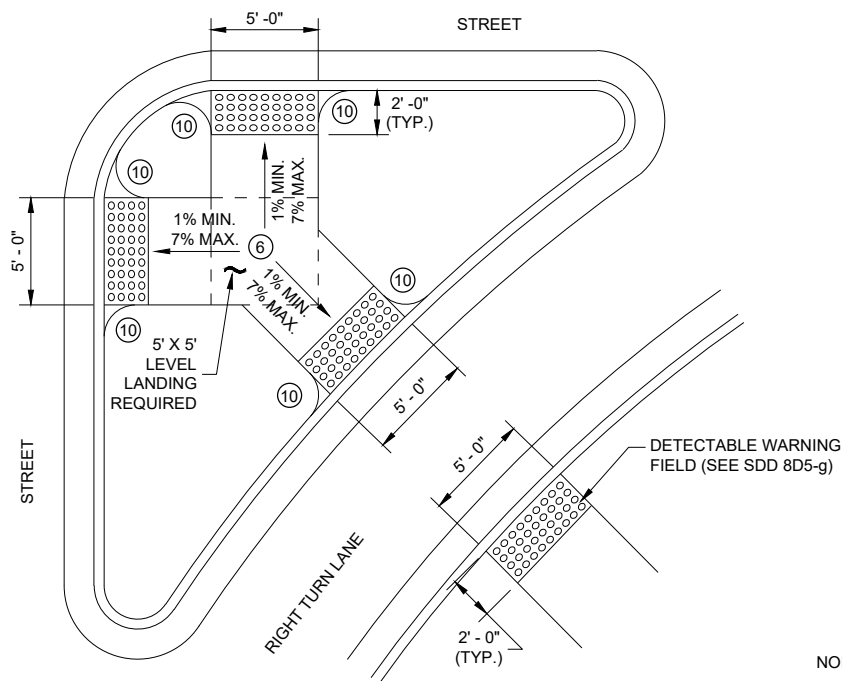
**CURB RAMPS
TYPE 4B AND 4B1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 8

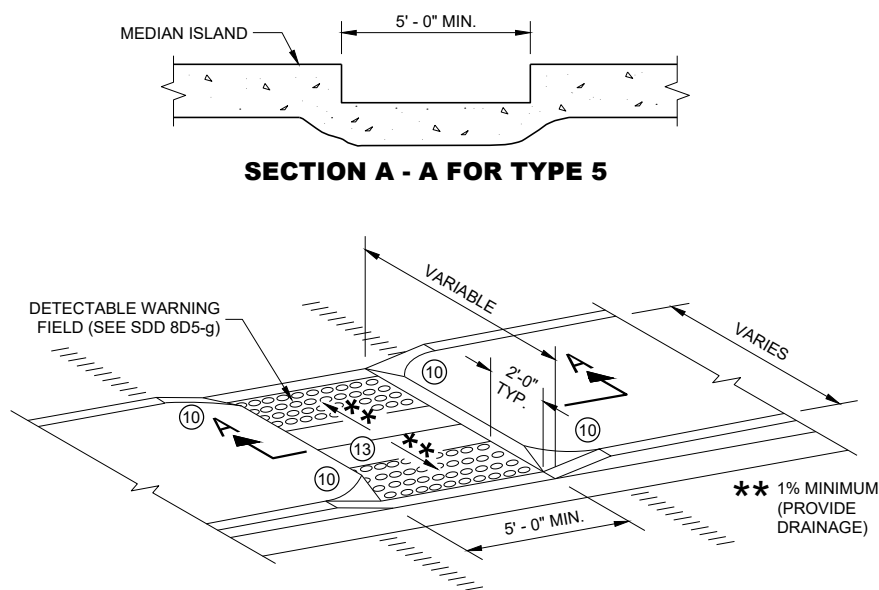
DETECTABLE WARNINGS AT RAILROAD CROSSING



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

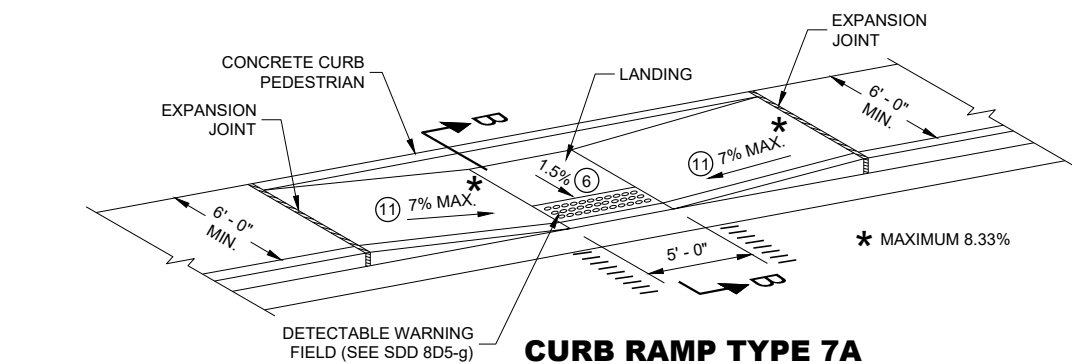
REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



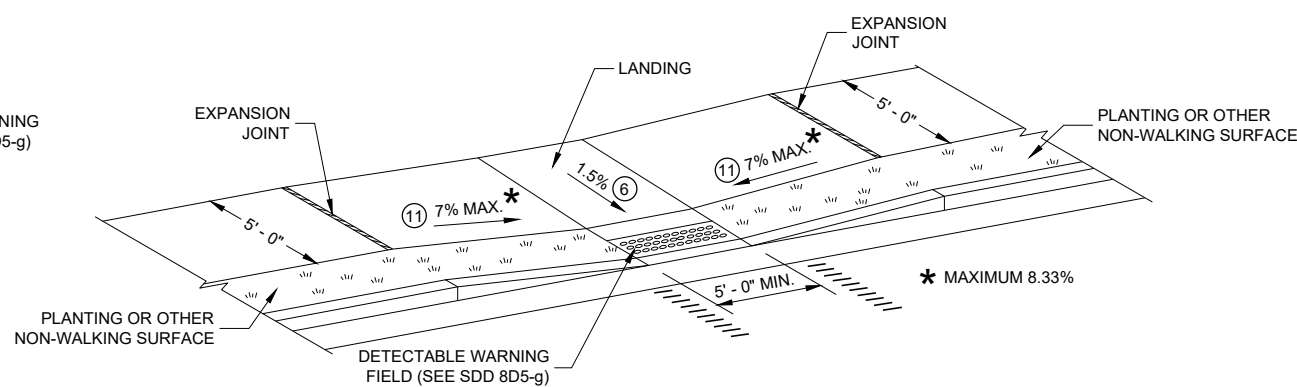
SECTION A - A FOR TYPE 5

CURB RAMP TYPE 5

**MEDIAN ISLAND
NON-ELEVATED PEDESTRIAN CROSSING**



**CURB RAMP TYPE 7A
MID BLOCK CROSSING**



**CURB RAMP TYPE 7B
MID BLOCK CROSSING**

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

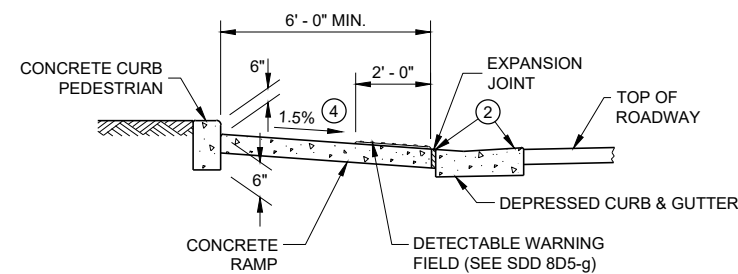
SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.
- SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.
- THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.
- DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION B - B FOR TYPE 7A

**CURB RAMPS
TYPE 5, 6, 7A, 7B & 8**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SECTION A - A FOR TYPE 4A1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

Diagram illustrating the Plan View of Curb Ramp Type 4B1, showing dimensions and components:

- Dimensions:**
 - 5'-0" SIDEWALK 1.5% CROSS SLOPE
 - 2'-0" (Ramp width)
 - 6'-0" MIN. RAMP
 - LANDING 'XR'
 - 5'-0" (Landing width)
 - 3' CURB TAPER WITH 6" CURB
- Components and Labels:**
 - EXPANSION JOINT
 - GRADED FLARE
 - TERRACE STRIP (PLANTING OR NON-WALKABLE SURFACE SHOWN)
 - DETECTABLE WARNING FIELD RADIAL
 - SEE DETAIL B
 - MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- Callouts:**
 - ④
 - ⑥
 - ⑧ ⑭
 - ⑮
 - ⑮
 - ⑮

PLAN VIEW
CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

NON-WALKABLE
SURFACE SHOWN)

PLAN VIEW CURB RAMP TYPE 4B1 (GRADE BREAK DISTANCE GREATER THAN 5 FEET)

EXPANSION JOINT

CONCRETE SIDEWALK

1.5% (6)

6' - 0" MIN. RAMP

*** 7% TYP. (7)

LANDING 'XR' (14)
(GRADE BREAK DIST.)

EXPANSION JOINT

TOP OF ROADWAY

1.5% (8)

*** LANDING

RADIAL DETECTABLE WARNING FIELD (SEE SDD 8D5-g)

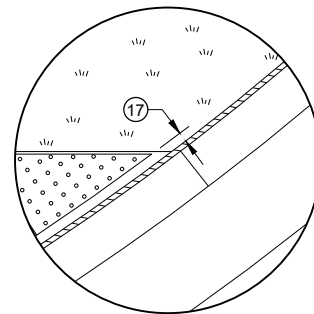
DEPRESSED CURB & GUTTER

*** IF RAMP SLOPE IS LESS THAN 4.0% MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

LEGEND

	1/2" EXPANSION JOINT SIDEWALK
	CONTRACTION JOINT SIDEWALK
	PAVEMENT MARKING CROSSWALK (WHITE)



DETAIL A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN $\frac{1}{4}$ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ④ $\pm 0.5\%$ CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
- ⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- ⑭ CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.
- ⑮ FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN $\frac{1}{8}$ " DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
- ⑯ USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.
- ⑰ A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

NOTE: SECOND TYPE 2

CONCRETE SURFACE **

EXPANSION JOINT

TOP OF ROADWAY

DEPRESSED CURB & GUTTER

LANDING "XR" (GRADE BREAK DIST.)

TERRACE

SIDEWALK

1.5% CROSS SLOPE

7% TYP.

1.5%

RADIAL DETECTABLE WARNING FIELD (SEE SDD 8D5-g)

SECTION C - C FOR TYPE 2

- * MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- *** MAXIMUM 8.33%

DETAIL C

SURFACE

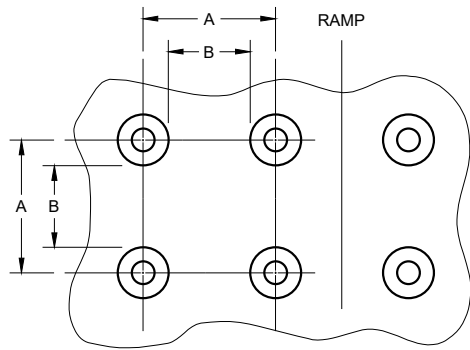
PLAN VIEW
CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)

CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS

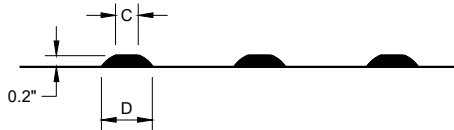
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

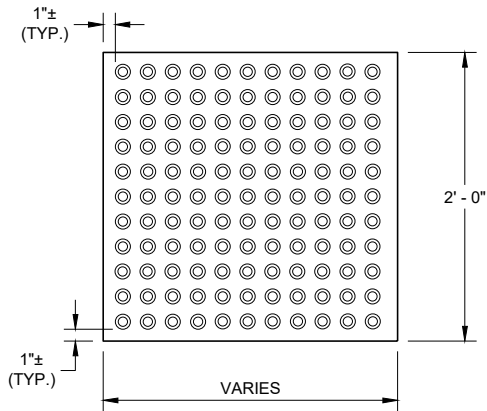


PLAN VIEW

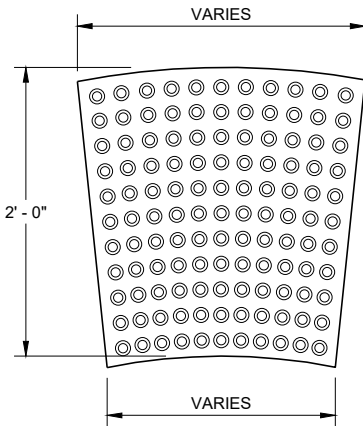


ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

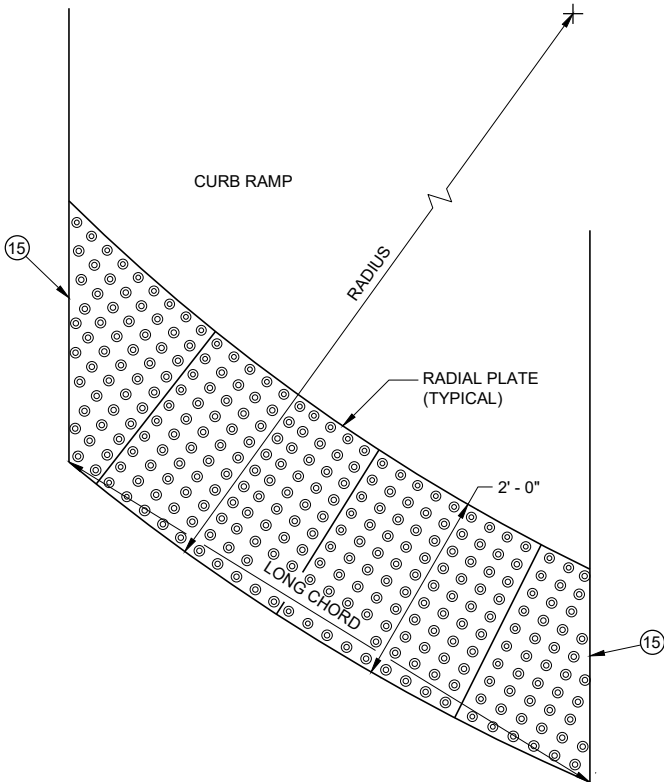


RECTANGULAR
PLATES



RADIAL
PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE
WARNING FIELD ATTRIBUTES

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

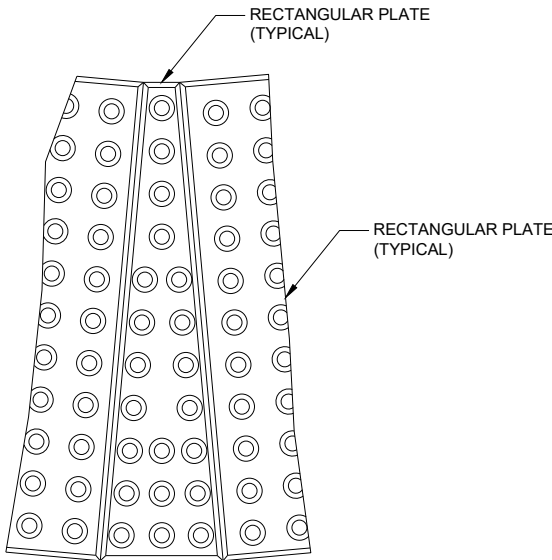
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

15 FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8\"/>

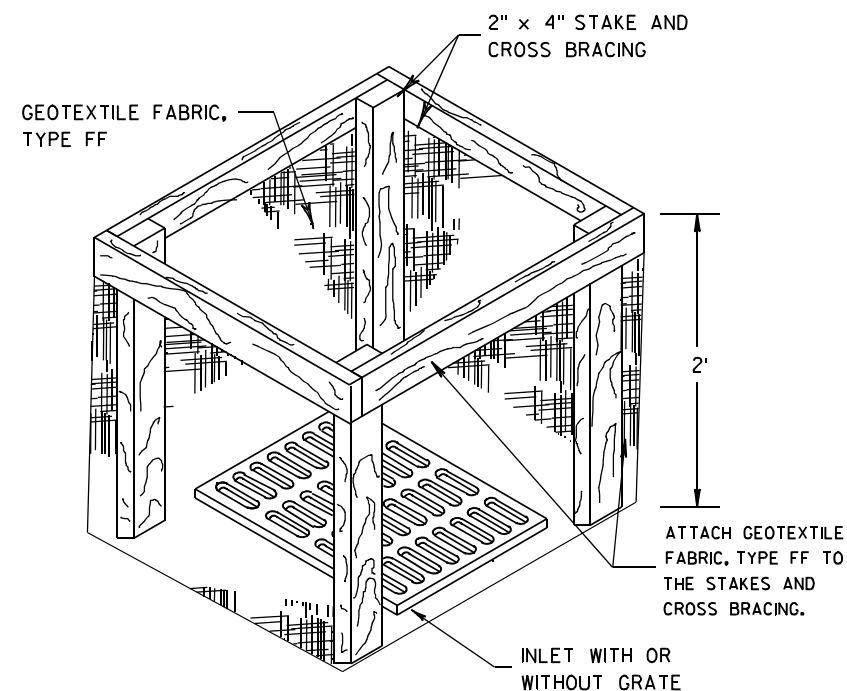
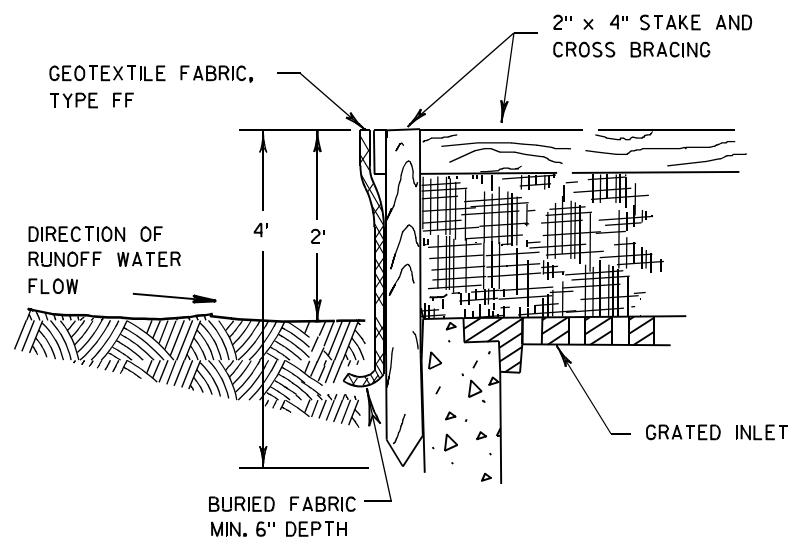


PLAN VIEW
RADIAL WEDGE PLATE
CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT
FHWA UNIT SUPERVISOR



INLET PROTECTION, TYPE A

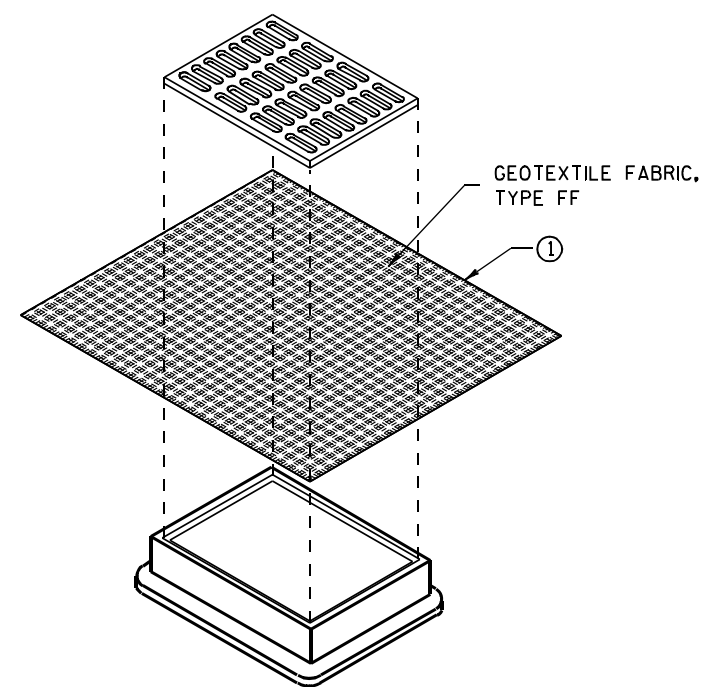
GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

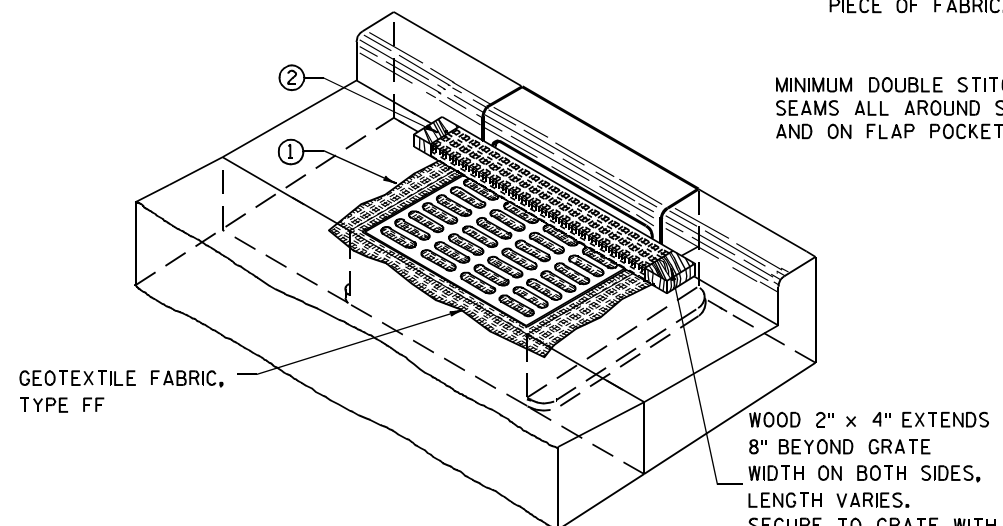
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

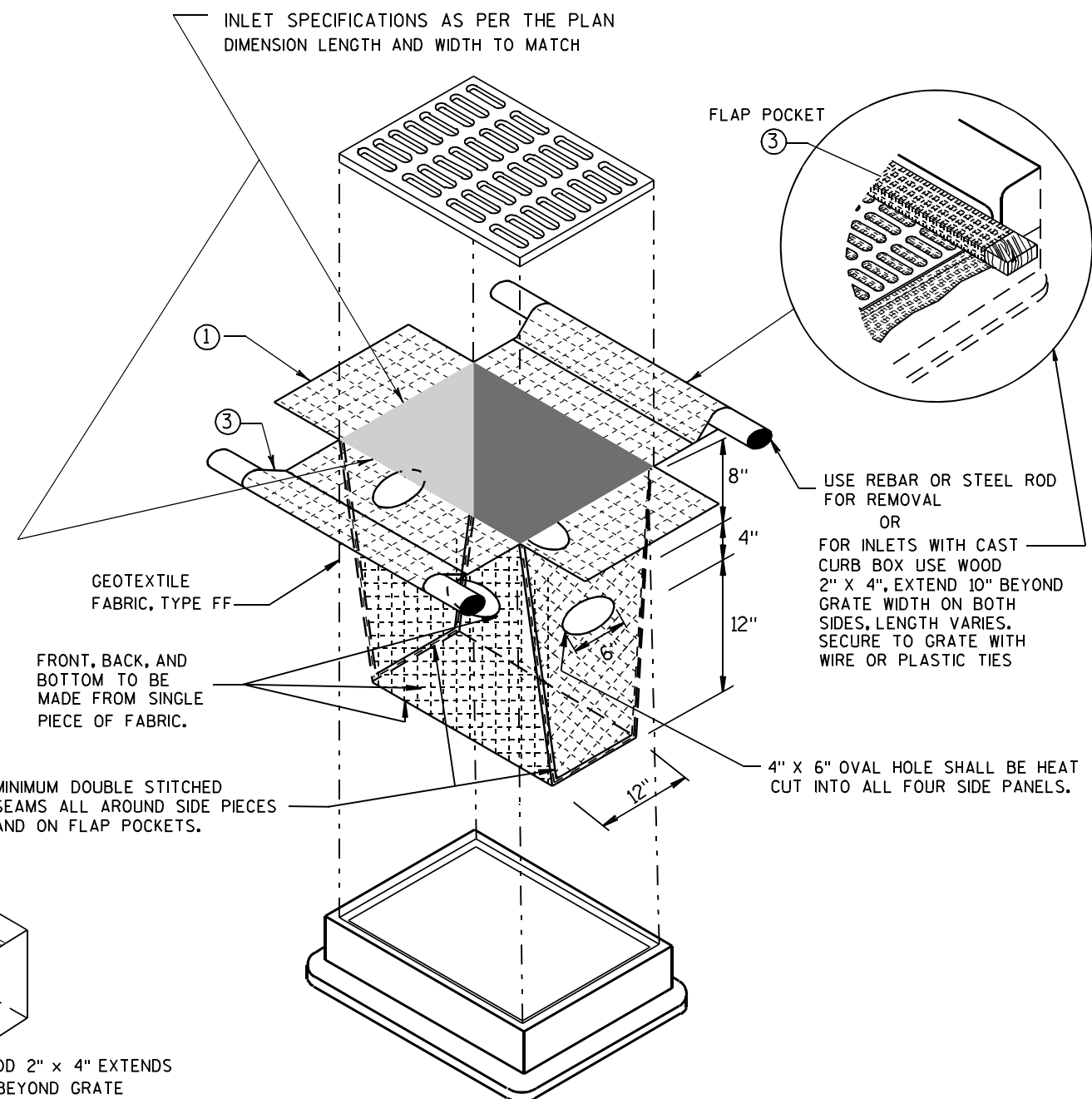
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



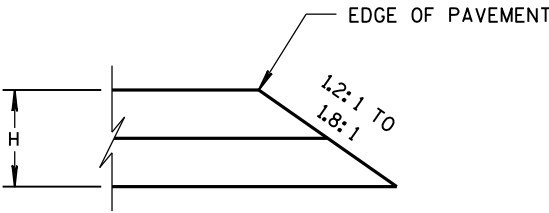
INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

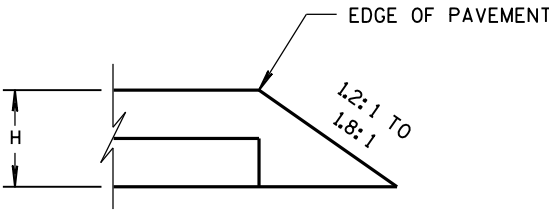
**INLET PROTECTION
TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

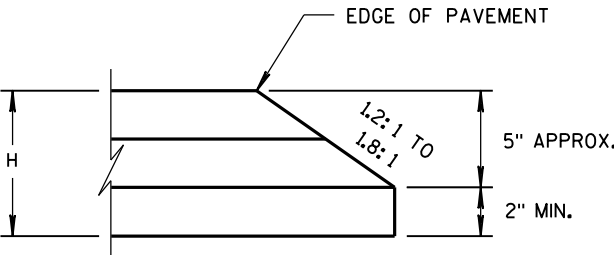
APPROVED
10/16/02 /S/ Beth Cannestra
DATE
FHWA CHIEF ROADWAY DEVELOPMENT ENGINEER



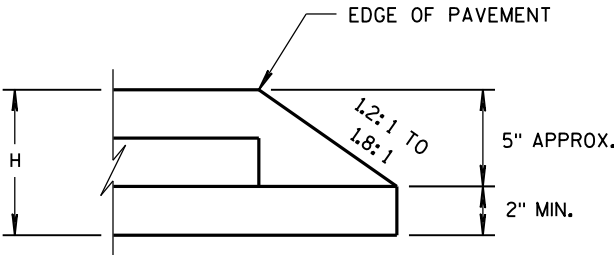
CONSTRUCTED WITH FINAL TWO LAYERS
FOR H 5" OR LESS



CONSTRUCTED WITH FINAL LAYER
FOR H 5" OR LESS

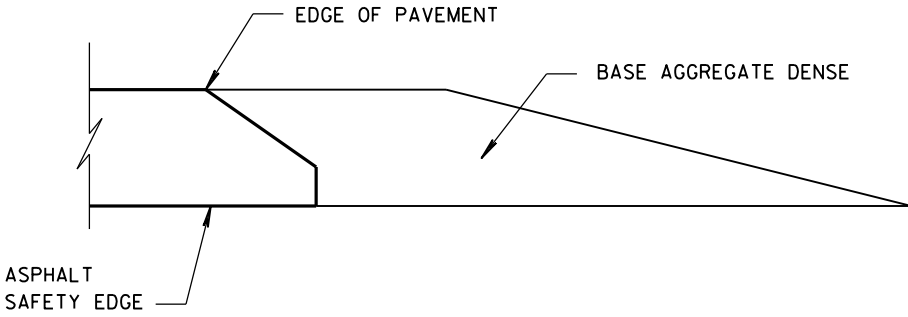


CONSTRUCTED WITH FINAL TWO LAYERS
FOR H GREATER THAN 5"



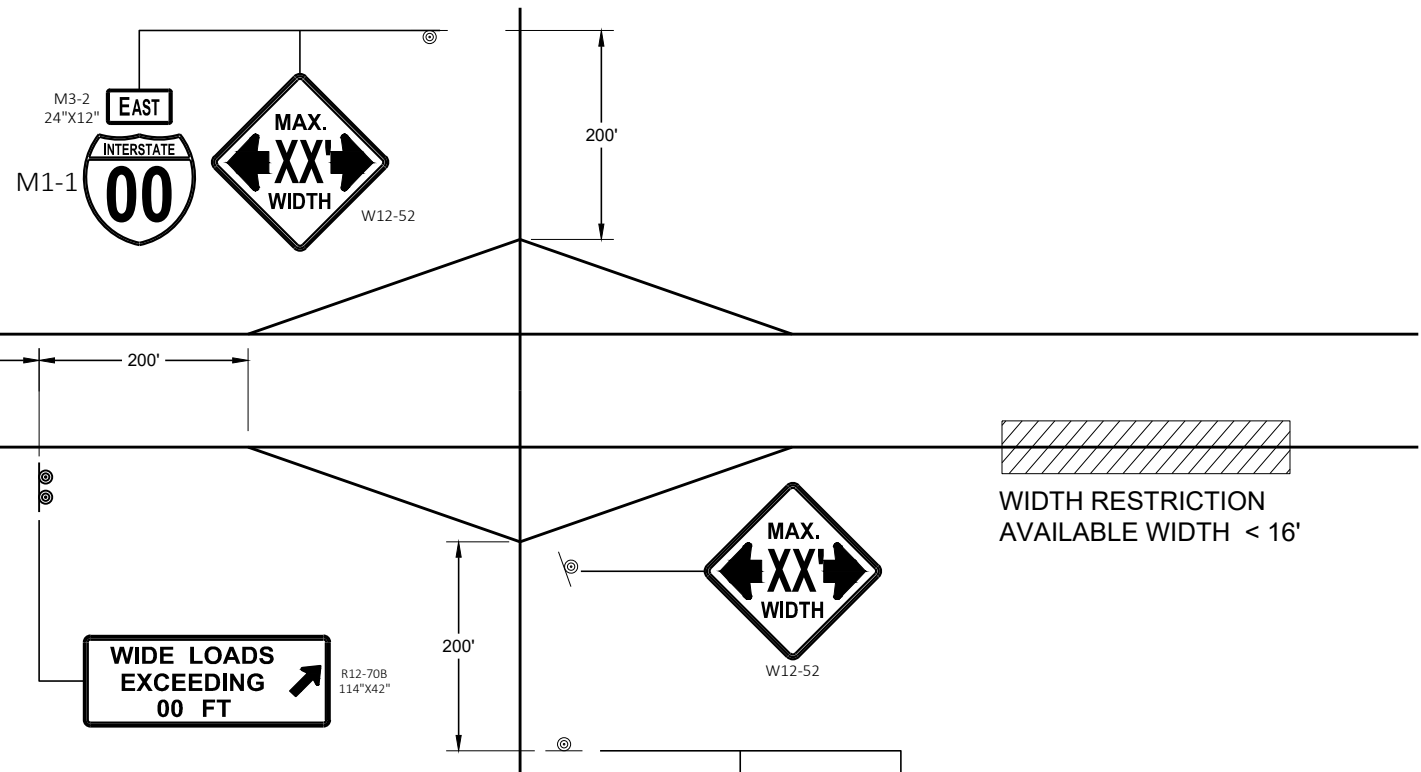
CONSTRUCTED WITH FINAL LAYER
FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS

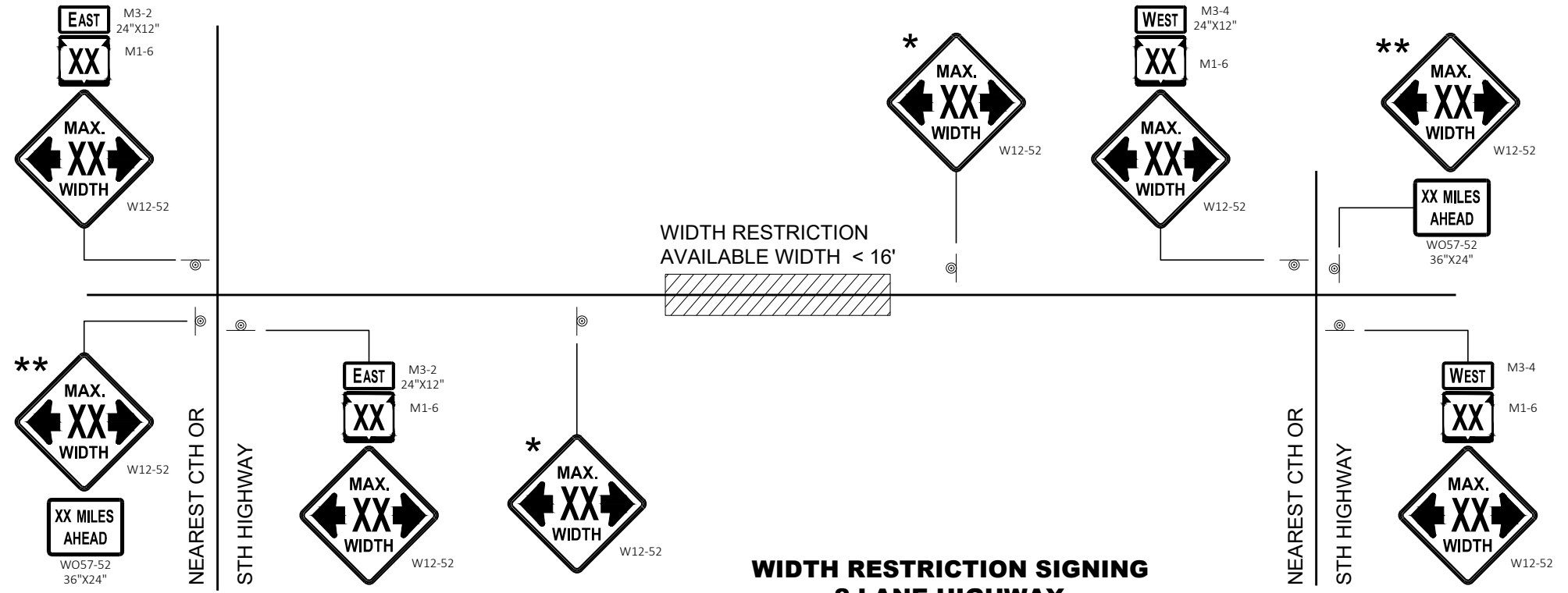


FINISHED SHOULDER AGGREGATE PLACEMENT

SAFETY EDGE _{SM}	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE 11/30/2012	/s/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER FHWA



WIDTH RESTRICTION SIGNING



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

LEGEND

⊙ SIGN ON PERMANENT SUPPORT

GENERAL NOTES

- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.
- ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
- WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.
- * PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.
- ** SIGN SHALL BE VISIBLE FROM ROADWAY.
- *** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.



ADVANCED WIDTH RESTRICTION SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED February 2020 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

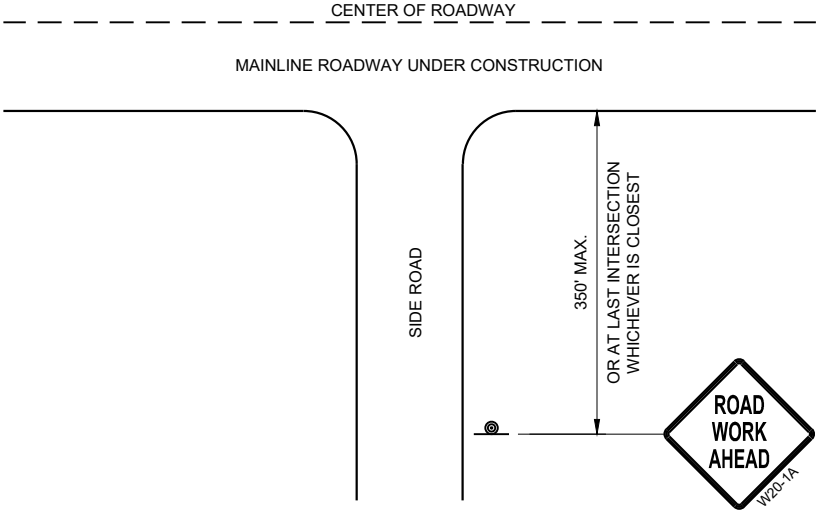
SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

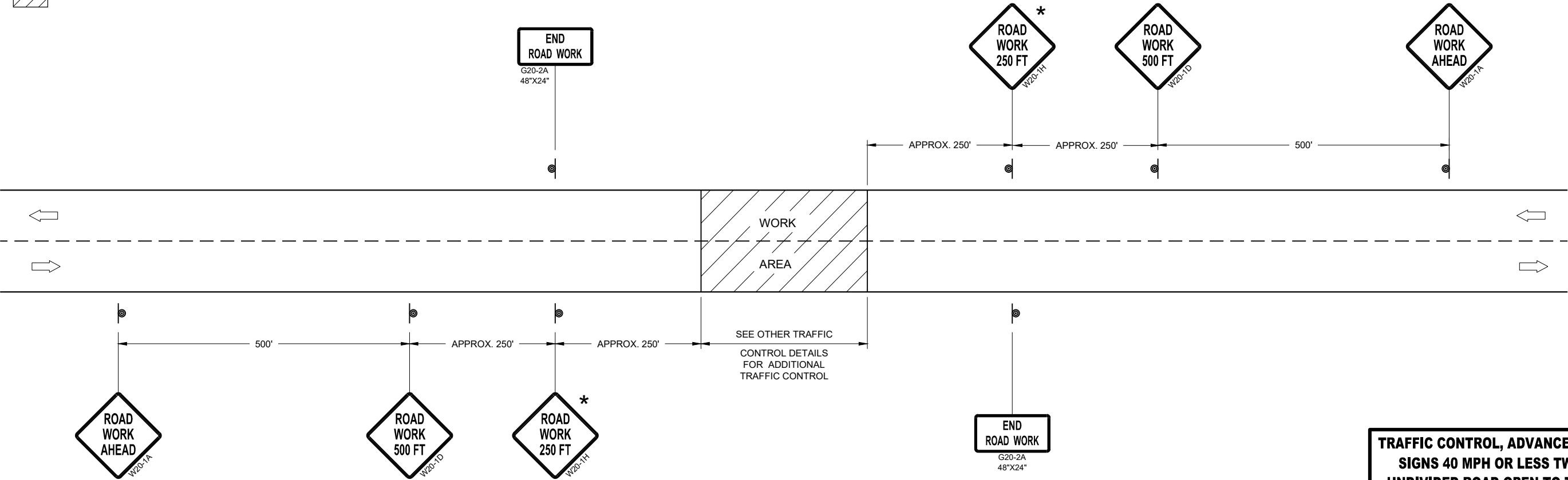
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA



TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL



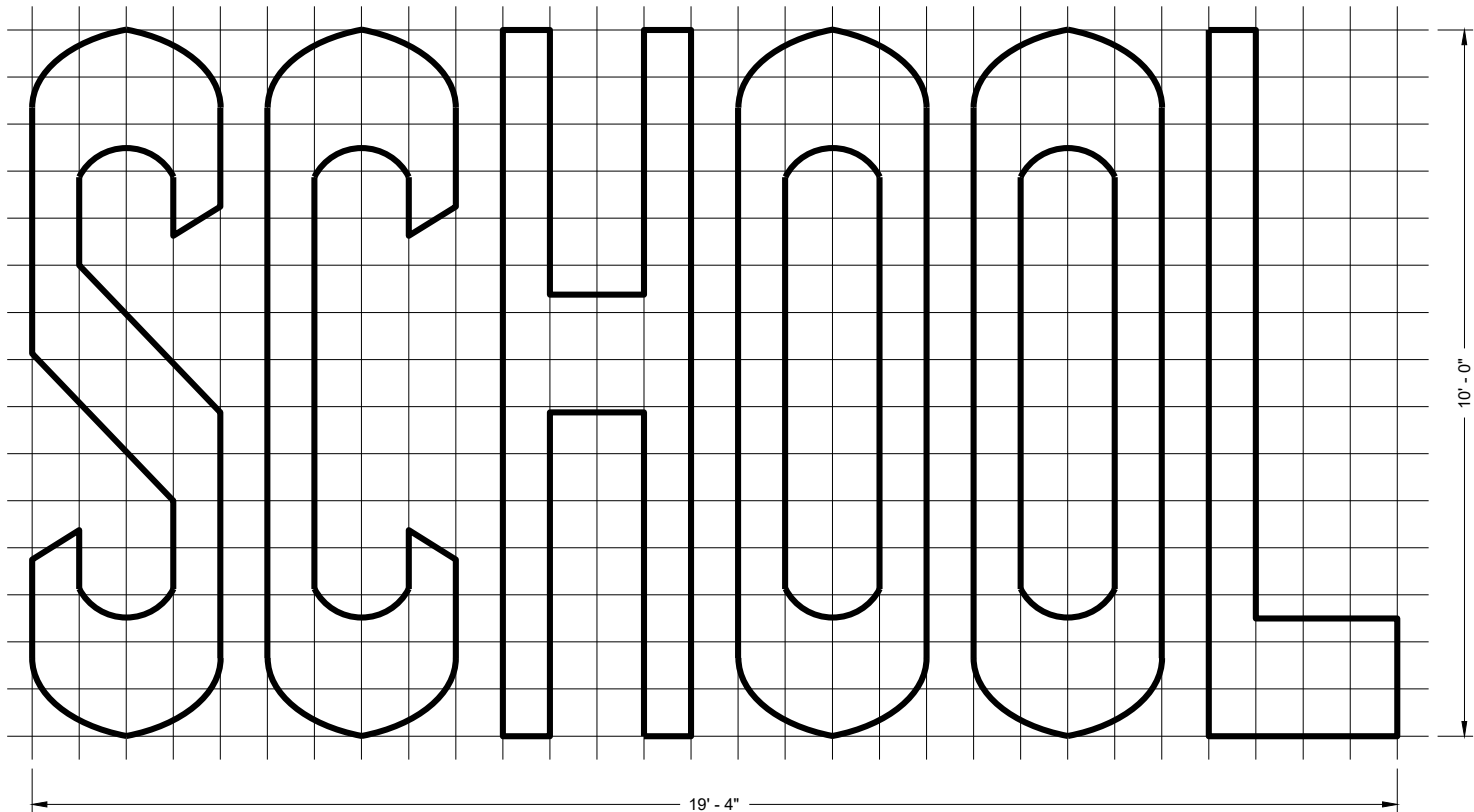
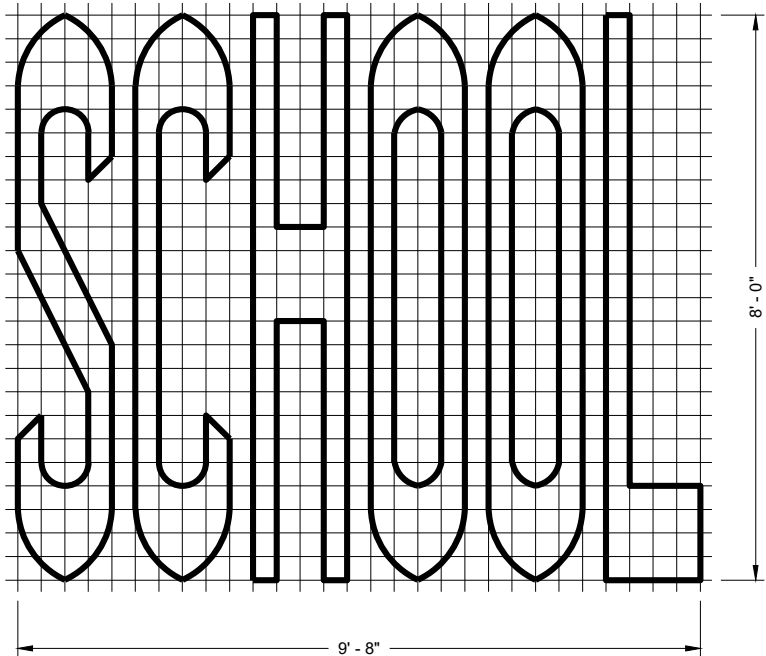
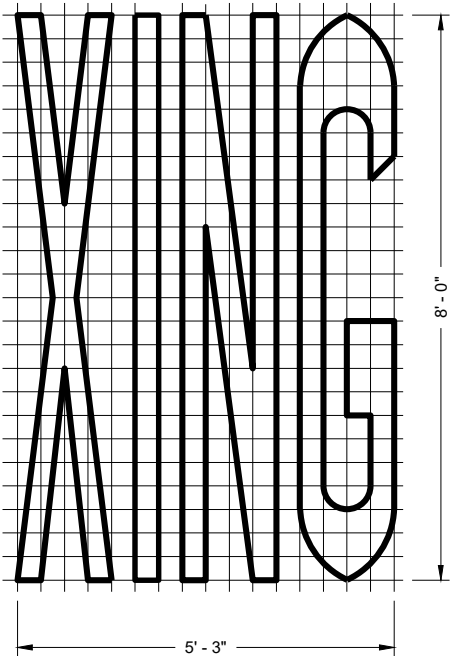
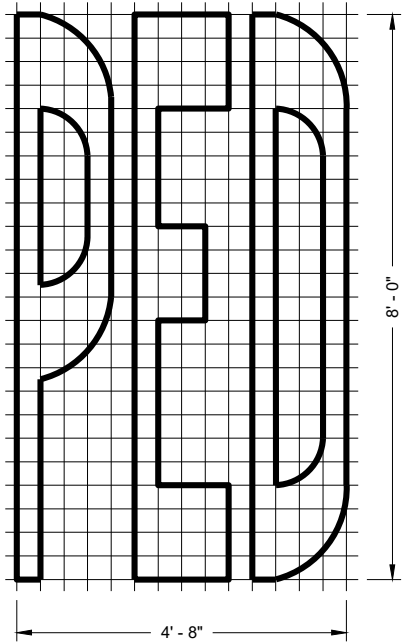
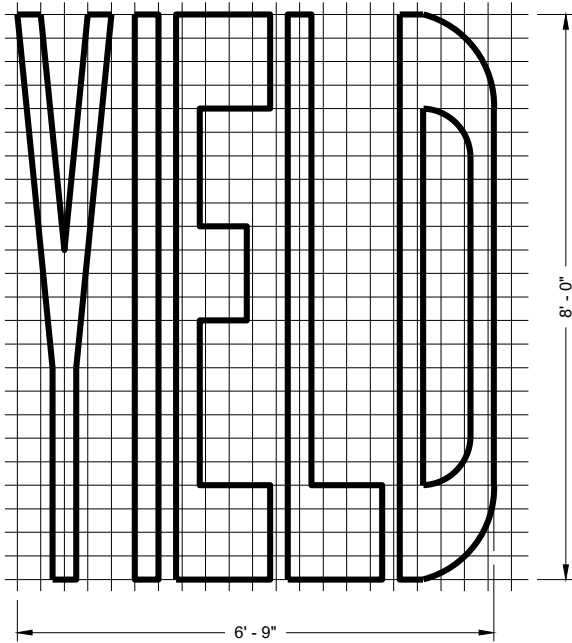
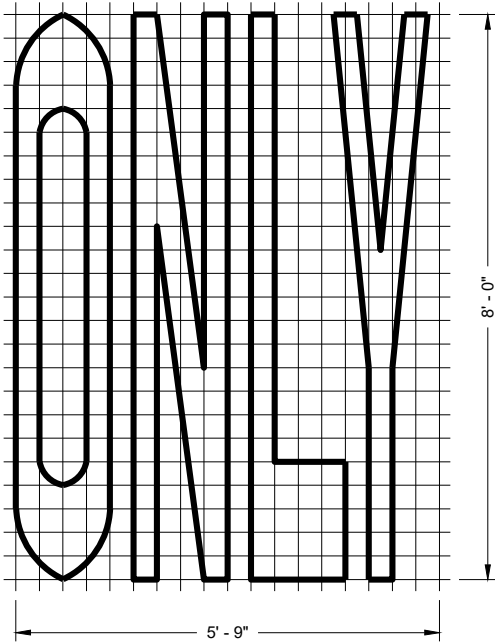
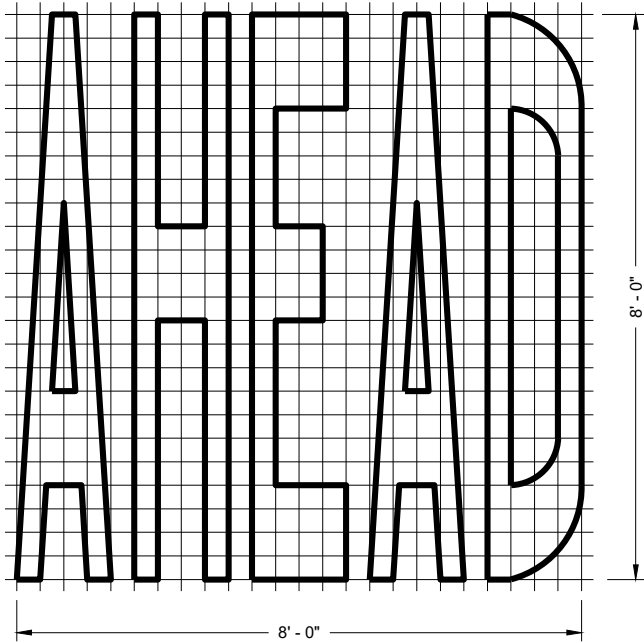
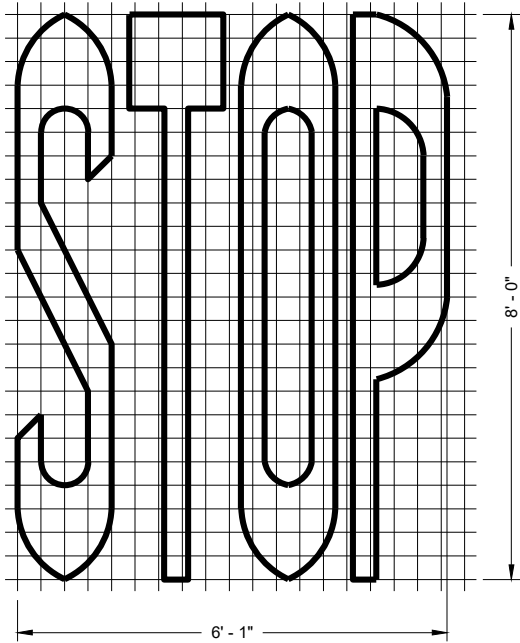
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING
SIGNS 40 MPH OR LESS TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE /S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA



SINGLE LANE

TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

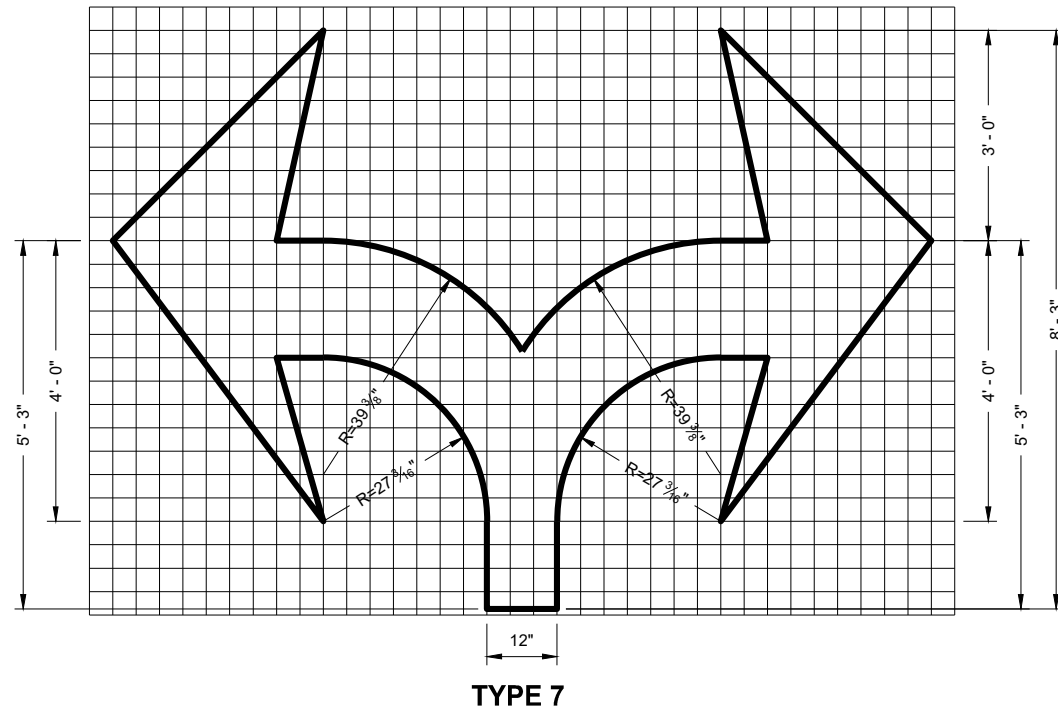
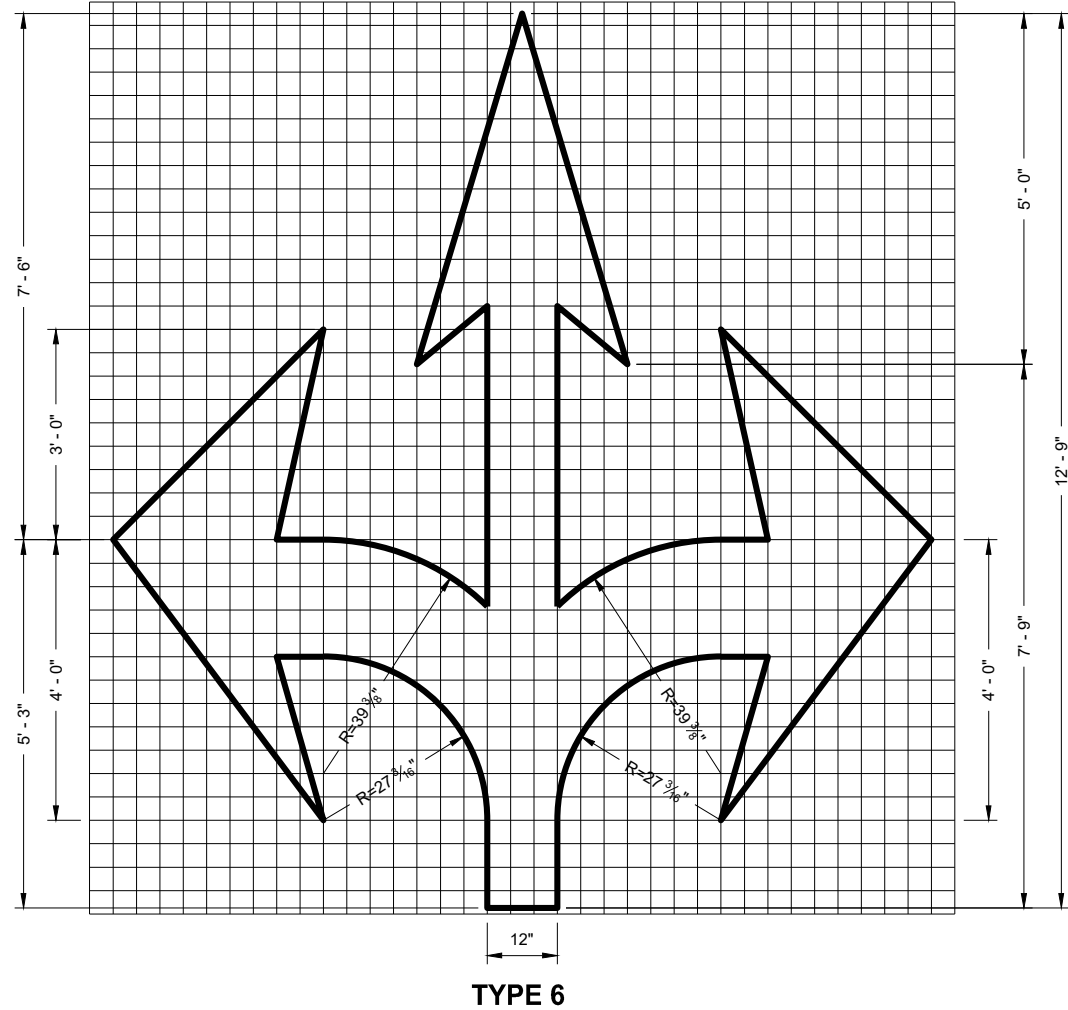
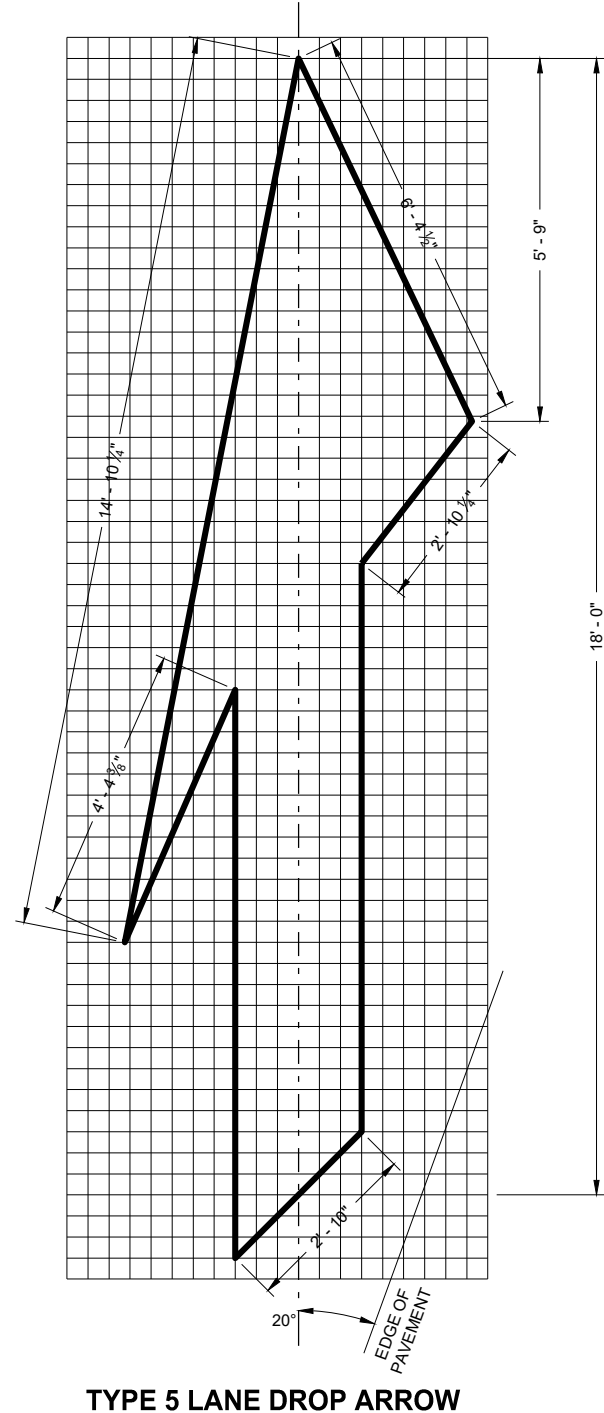
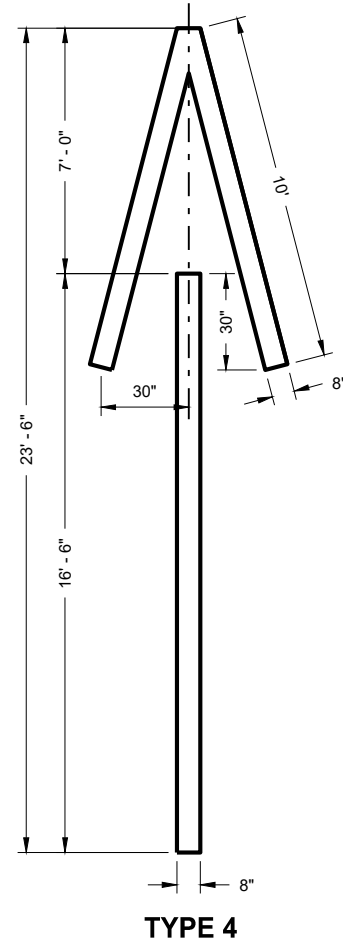
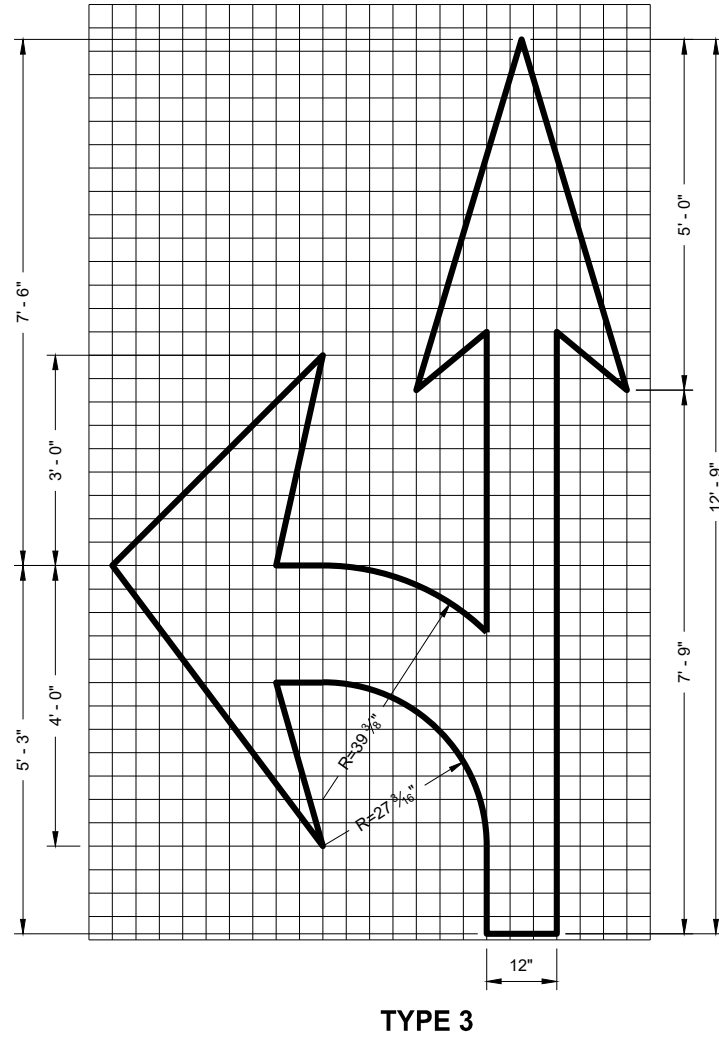
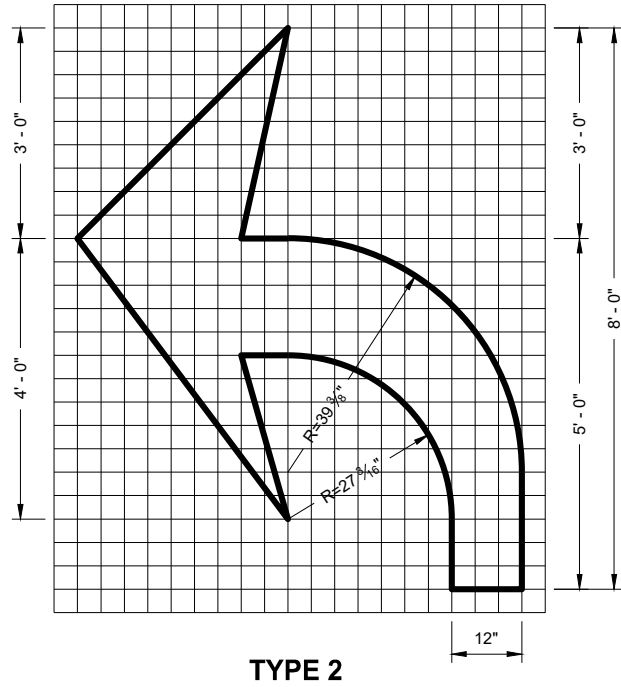
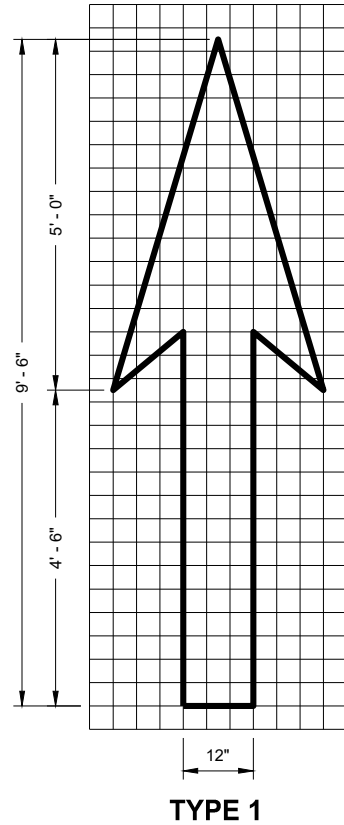
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

FHWA



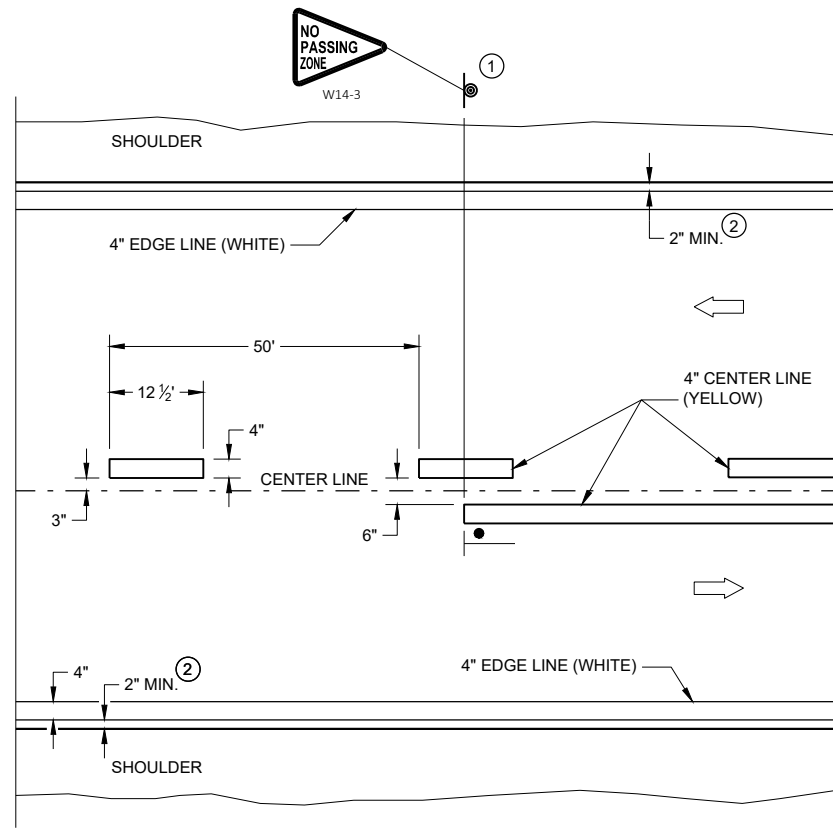
GENERAL NOTES

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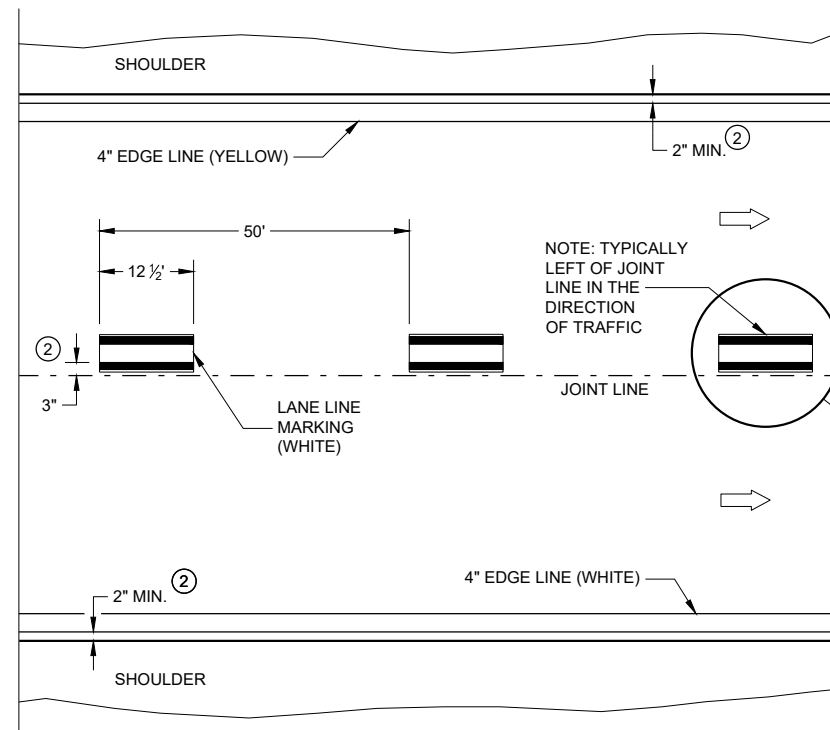
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE
/S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER
FHWA

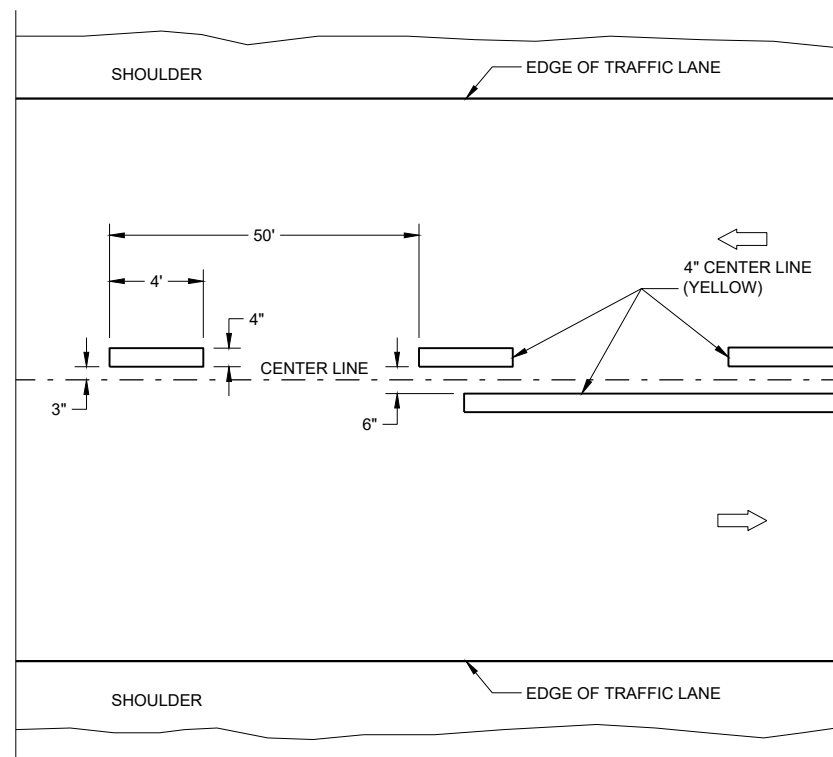


TWO WAY TRAFFIC

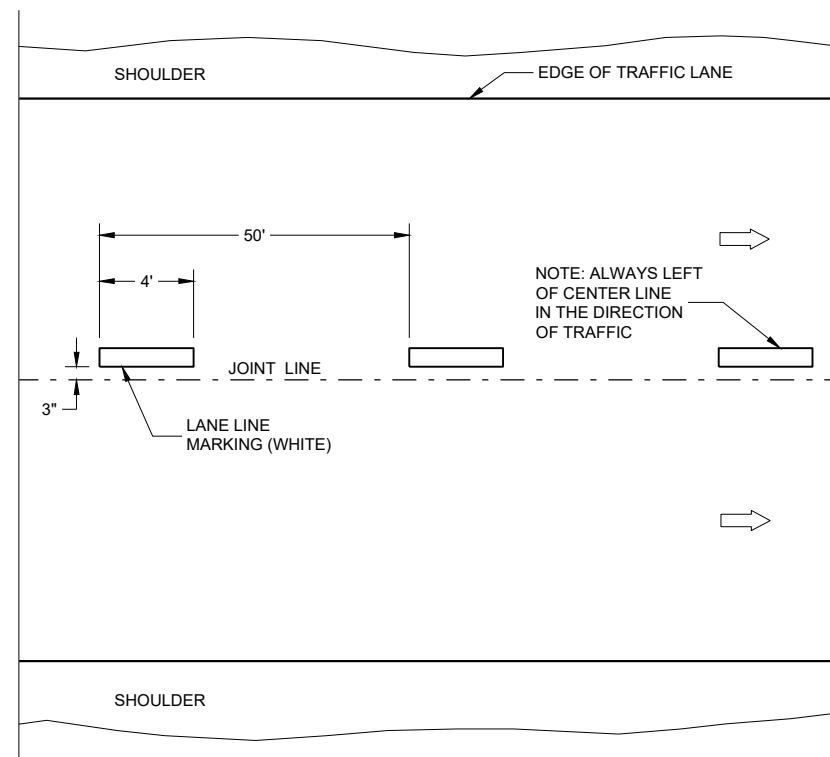


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

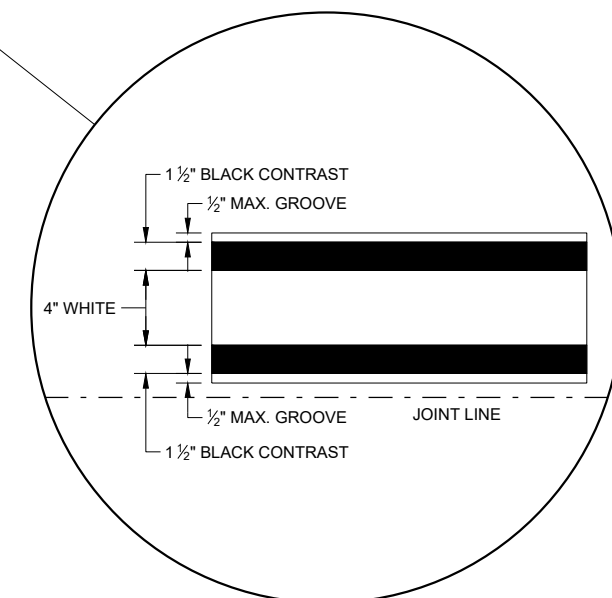
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM
TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

- ① LOCATE THE NO PASSING ZONE W14-3 SIGN WITH 50 FEET OF THE "T" MARKING
- ② MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

-  "T" MARKING
 SIGN ON PERMANENT SUPPORT
 DIRECTION OF TRAFFIC

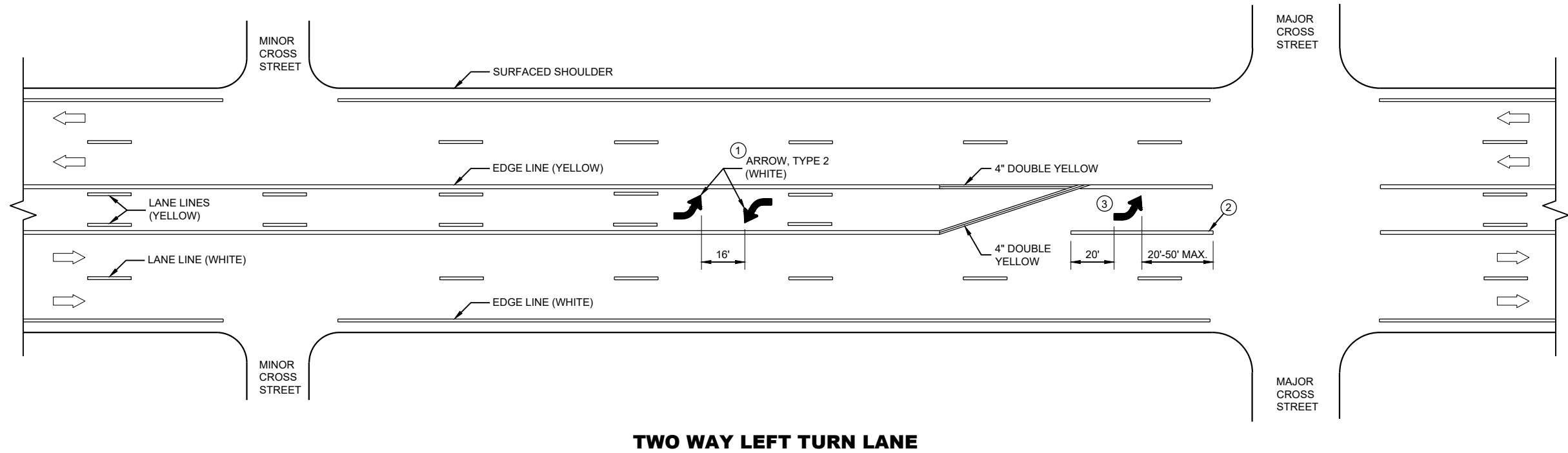


LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Matthew Rauch
STATEWIDE SIGNING AND MARKING
ENGINEER



GENERAL NOTES

- ① A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ② 8" WHITE
- ③ TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

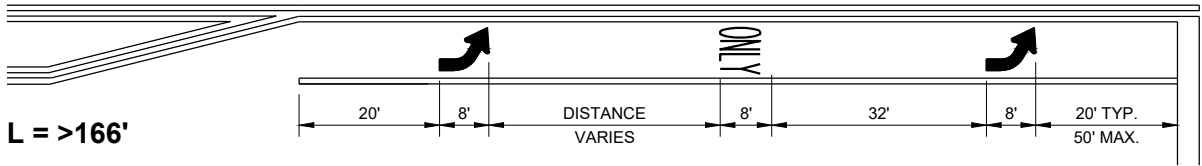
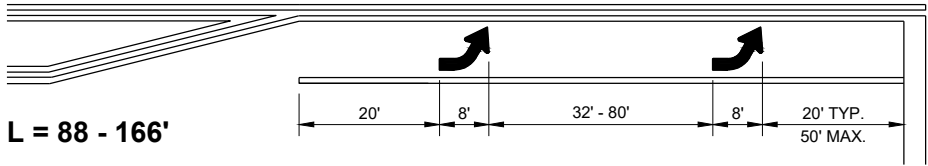
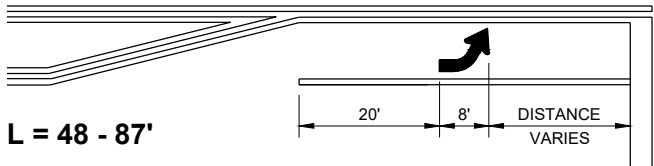
➡ DIRECTION OF TRAFFIC

**PAVEMENT MARKING
(TURN LANES)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TURN LANE OPTIONS

LENGTH OF TURN BAY (L) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



*(SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

GENERAL NOTES

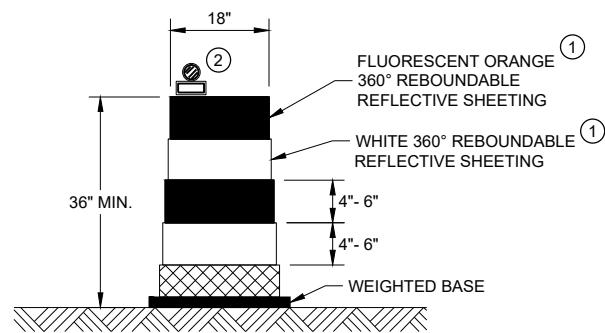
- ① 8" WHITE
- ② QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

➡ DIRECTION OF TRAFFIC

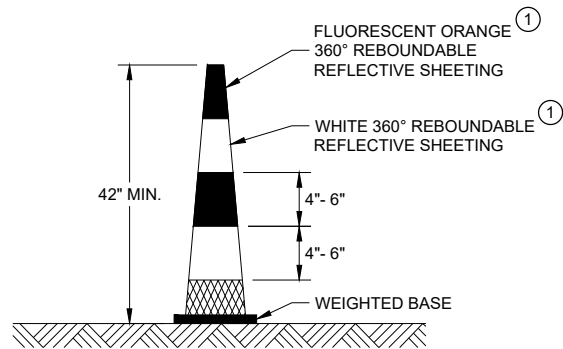
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

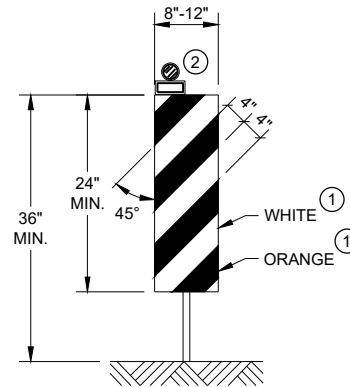


DRUM



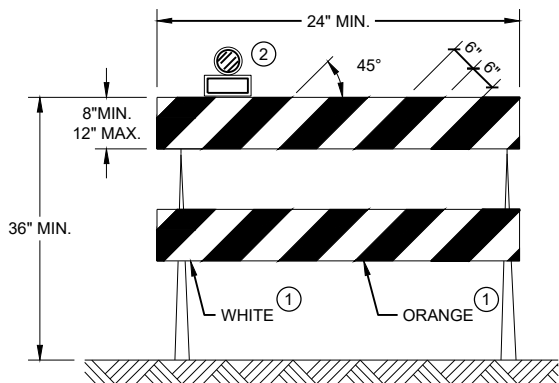
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



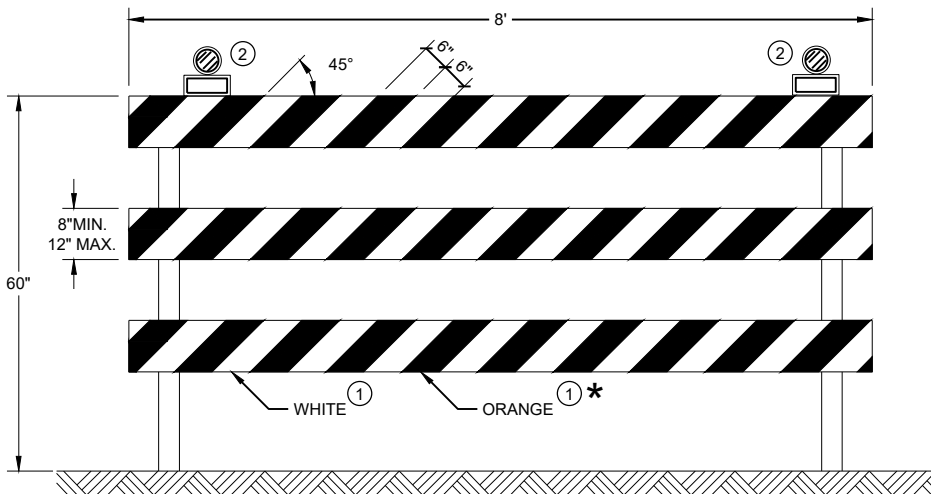
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

GENERAL NOTES

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

LEGEND

-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TEMPORARY PORTABLE RUMBLE STRIP ARRAY
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

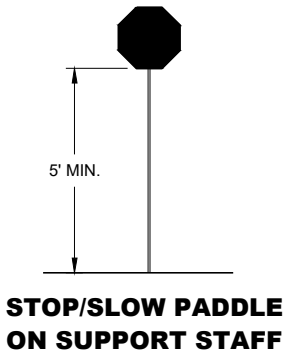
③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

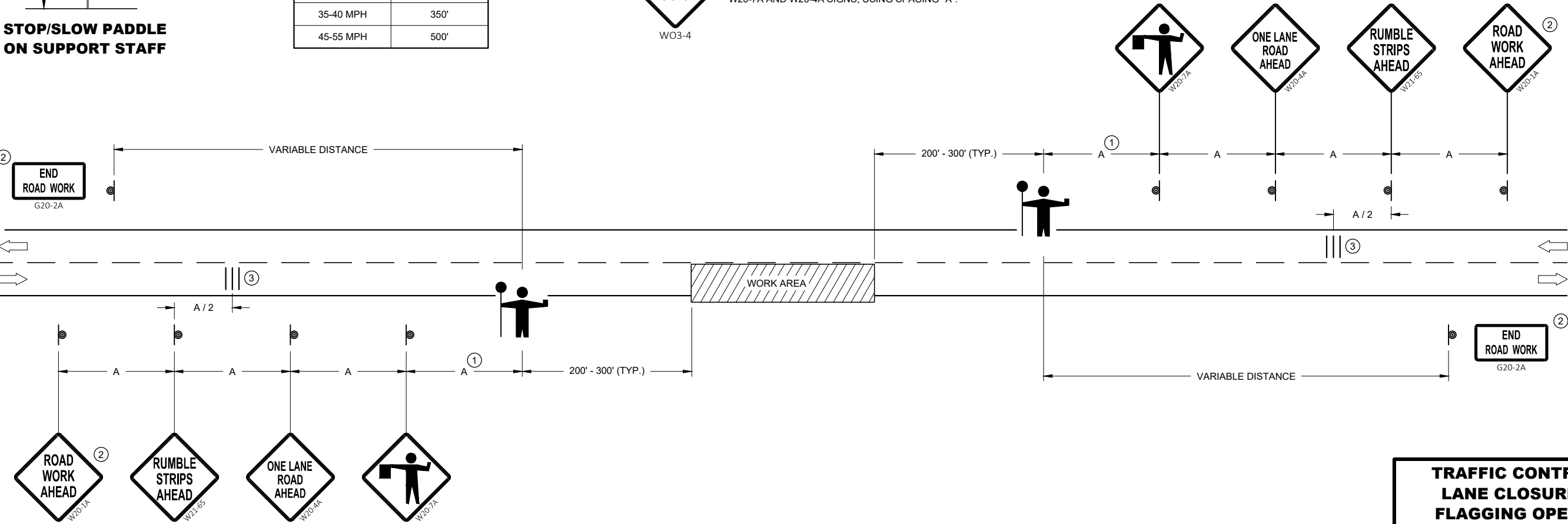


SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



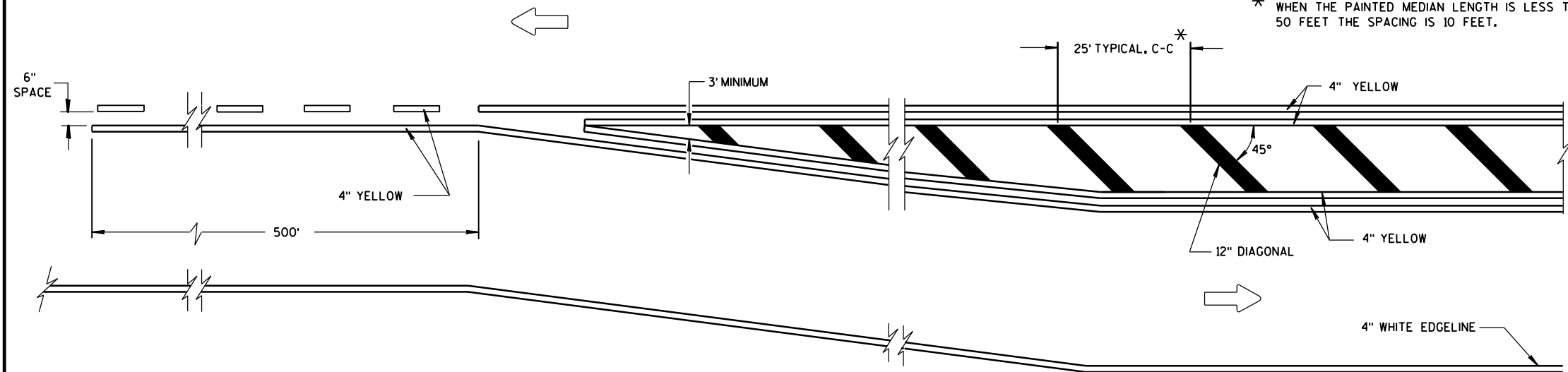
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

**TRAFFIC CONTROL FOR
LANE CLOSURE WITH
FLAGGING OPERATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

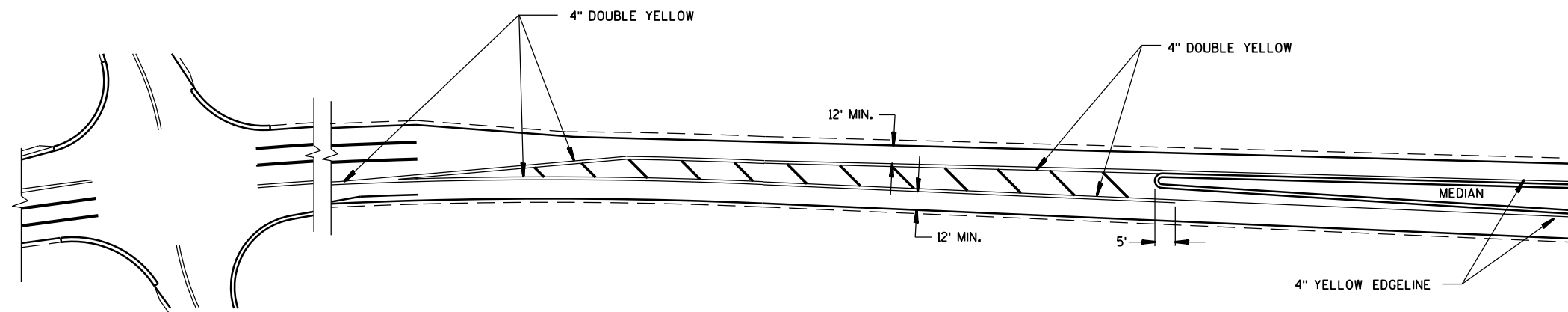


MEDIAN ISLAND DETAIL

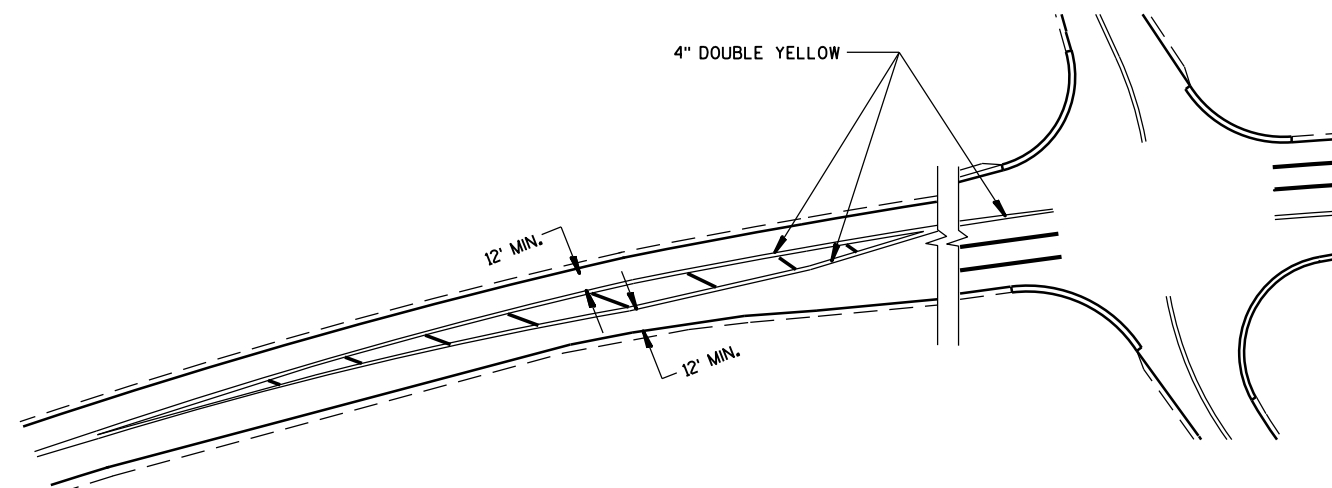
GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

➡ DIRECTION OF TRAVEL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

LEGEND

- V1 LEAD VEHICLE
- V2 MARKING VEHICLE
- V3 SHADOW VEHICLE
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  SIGN ON TEMPORARY SUPPORT
-  DIRECTION OF TRAFFIC
-  FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

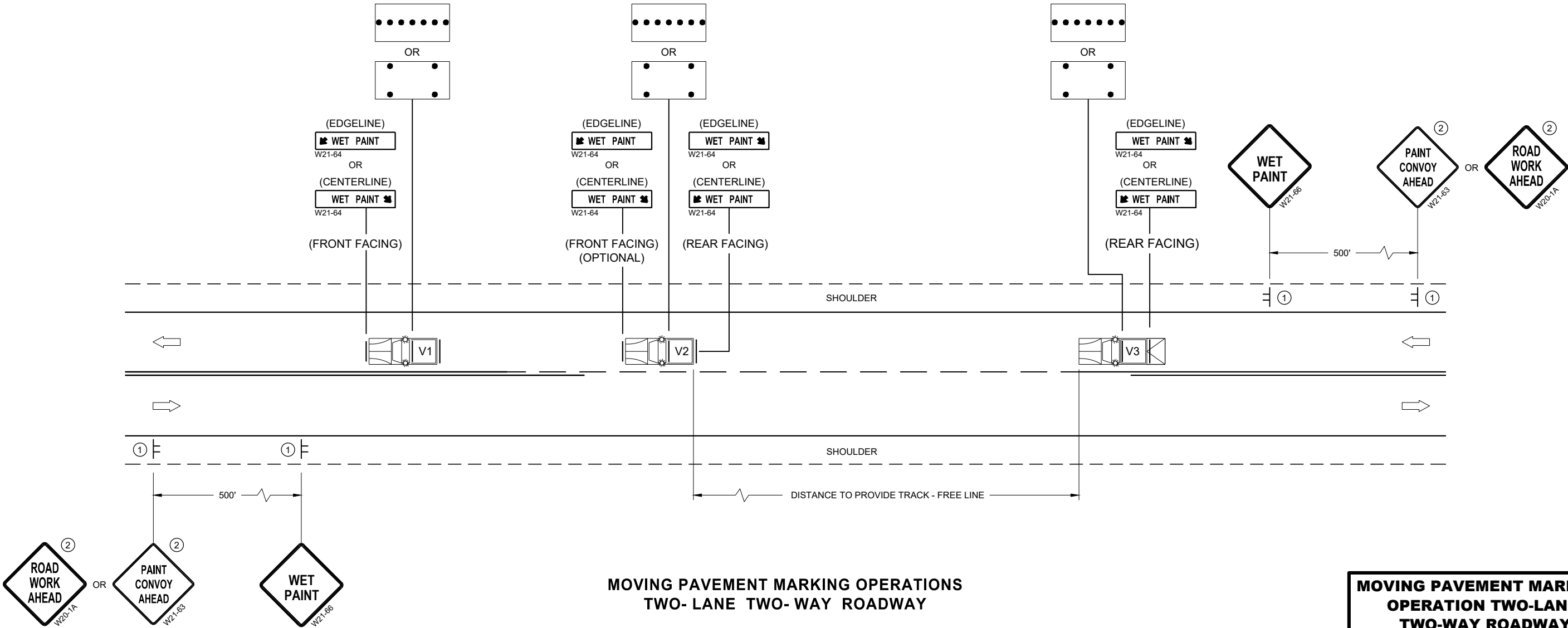
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 18" FOR WET PAVEMENT MARKING .

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING
OPERATION TWO-LANE
TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

V1	LEAD VEHICLE
V2	MARKING VEHICLE
V3	SHADOW VEHICLE



TRUCK MOUNTED ATTENUATOR (TMA)



SIGN ON TEMPORARY SUPPORT



DIRECTION OF TRAFFIC



FLASHING ARROW PANEL (MERGE)



FLASHING ARROW PANEL (CAUTION)

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

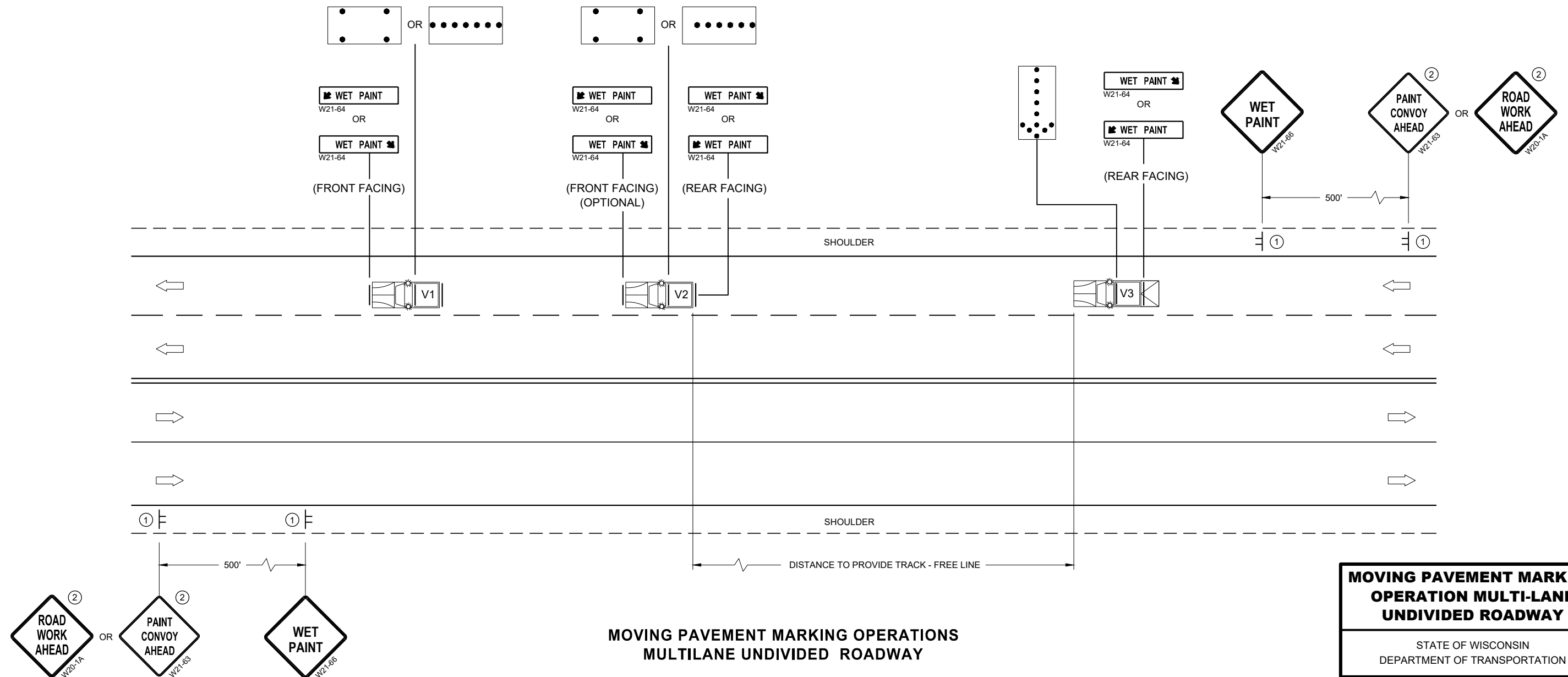
DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

CONES SHALL HAVE A MINIMUM HEIGHT OF 18" FOR WET PAVEMENT MARKINGS.

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



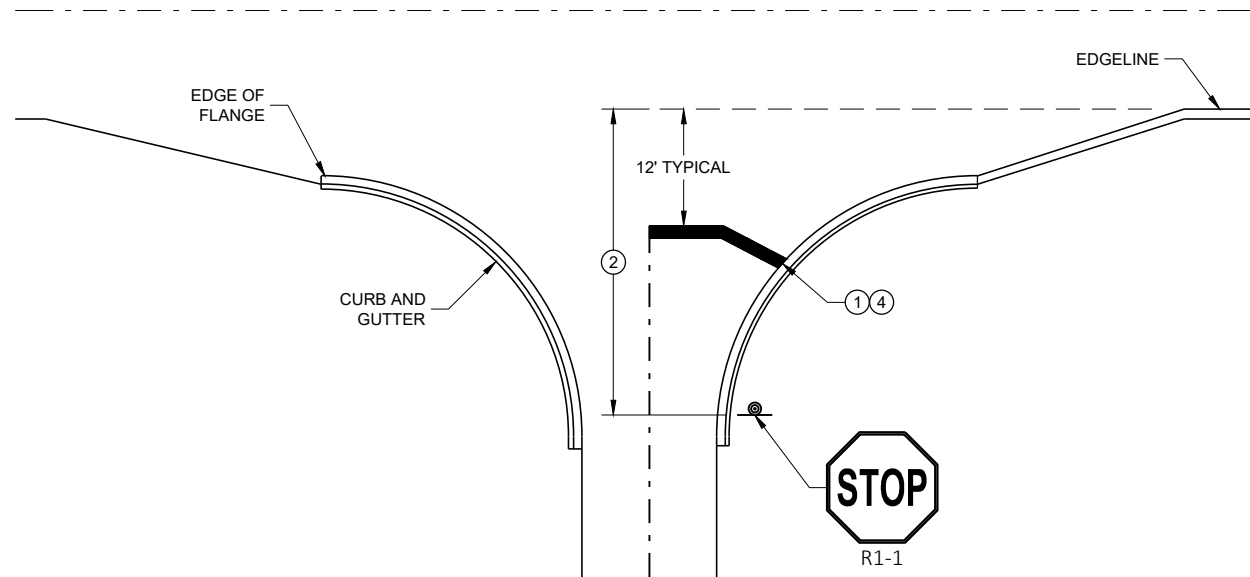
MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

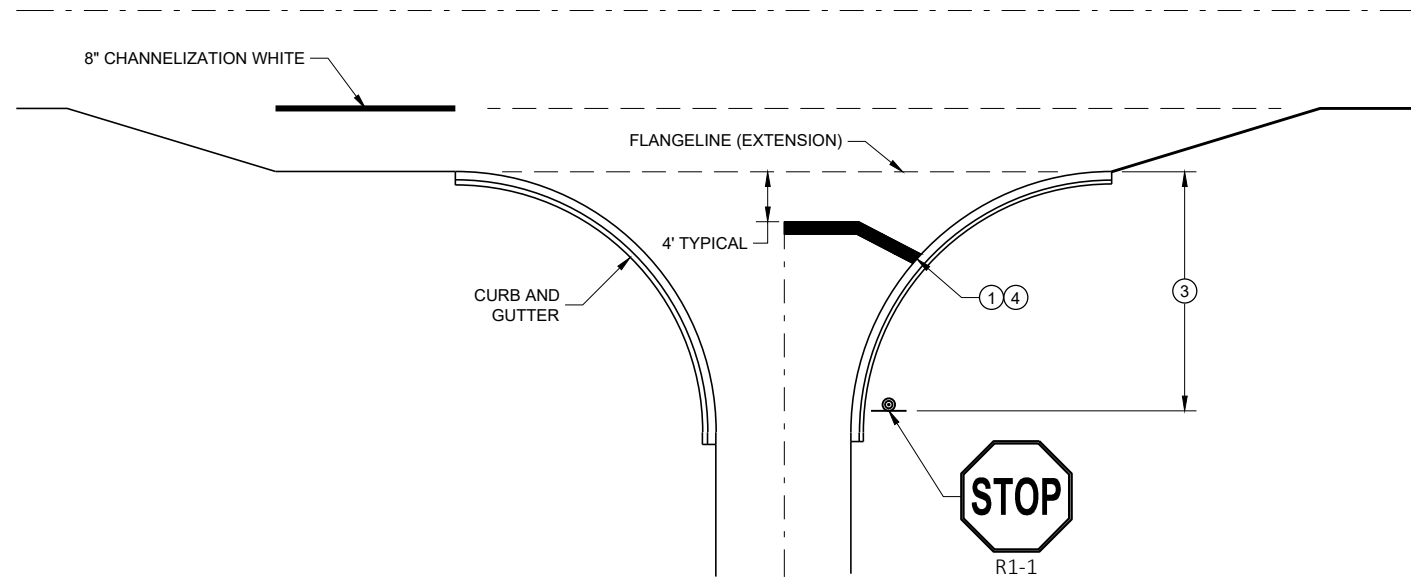
APPROVED
November 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

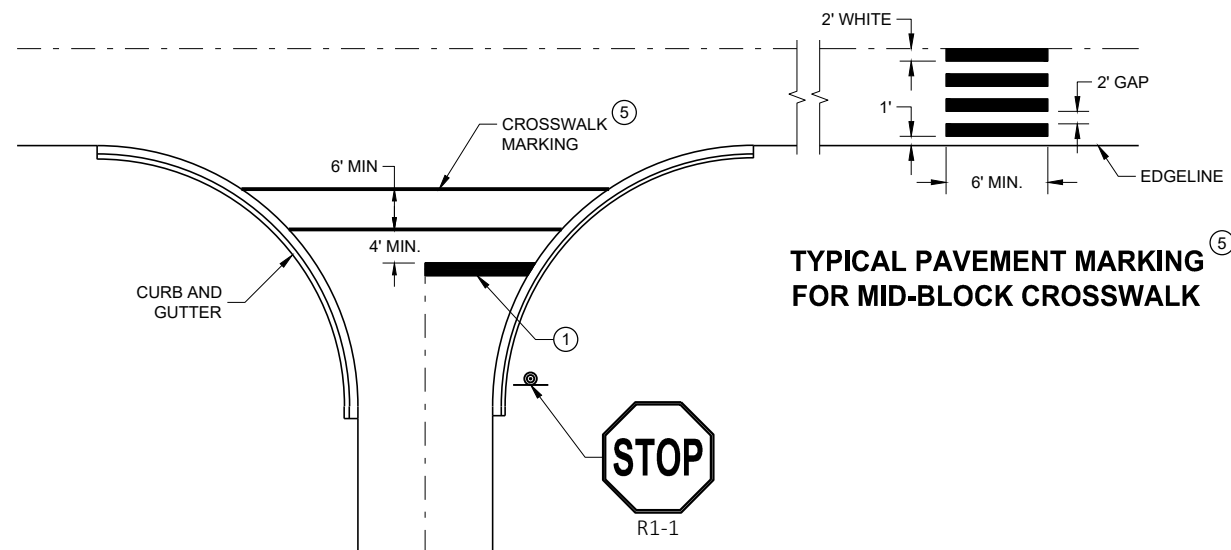
FHWA



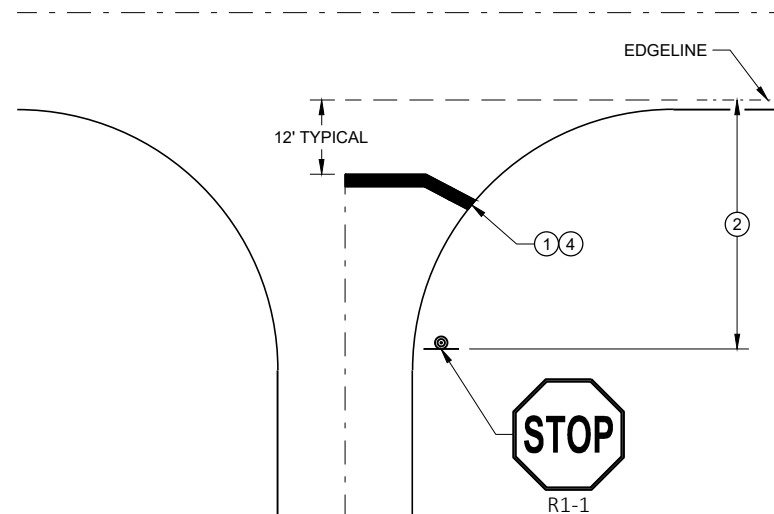
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGE LINE LOCATION.

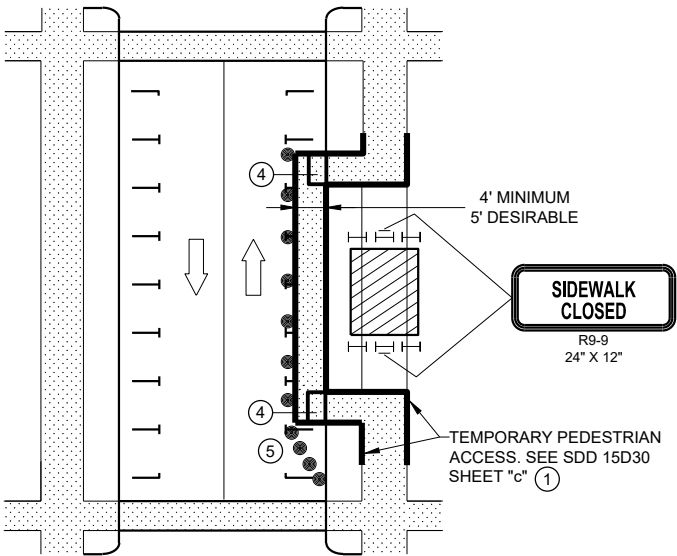
- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGE LINE.
- 3 NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
- 4 MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
- 5 LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

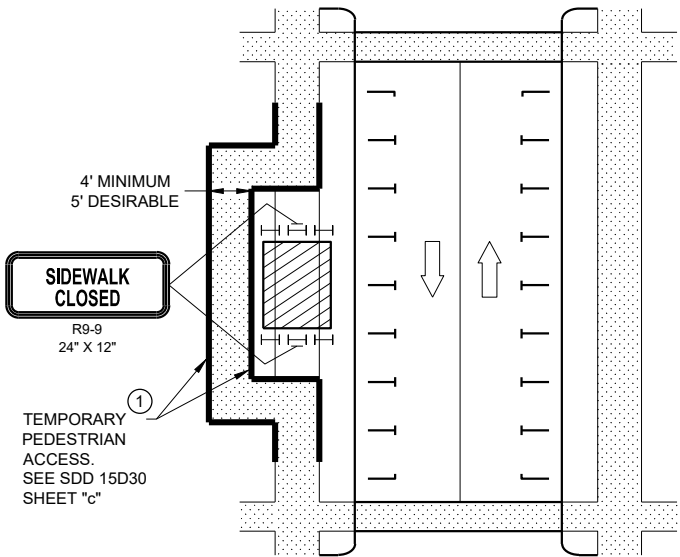
APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER
FHWA

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

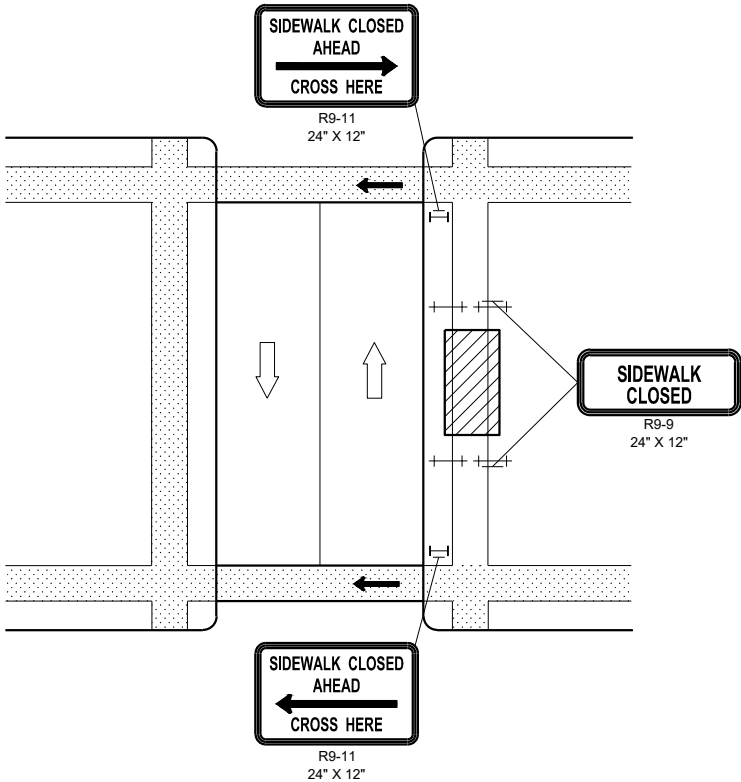


MID-BLOCK SIDEWALK CLOSURE
IN PARKING LANE

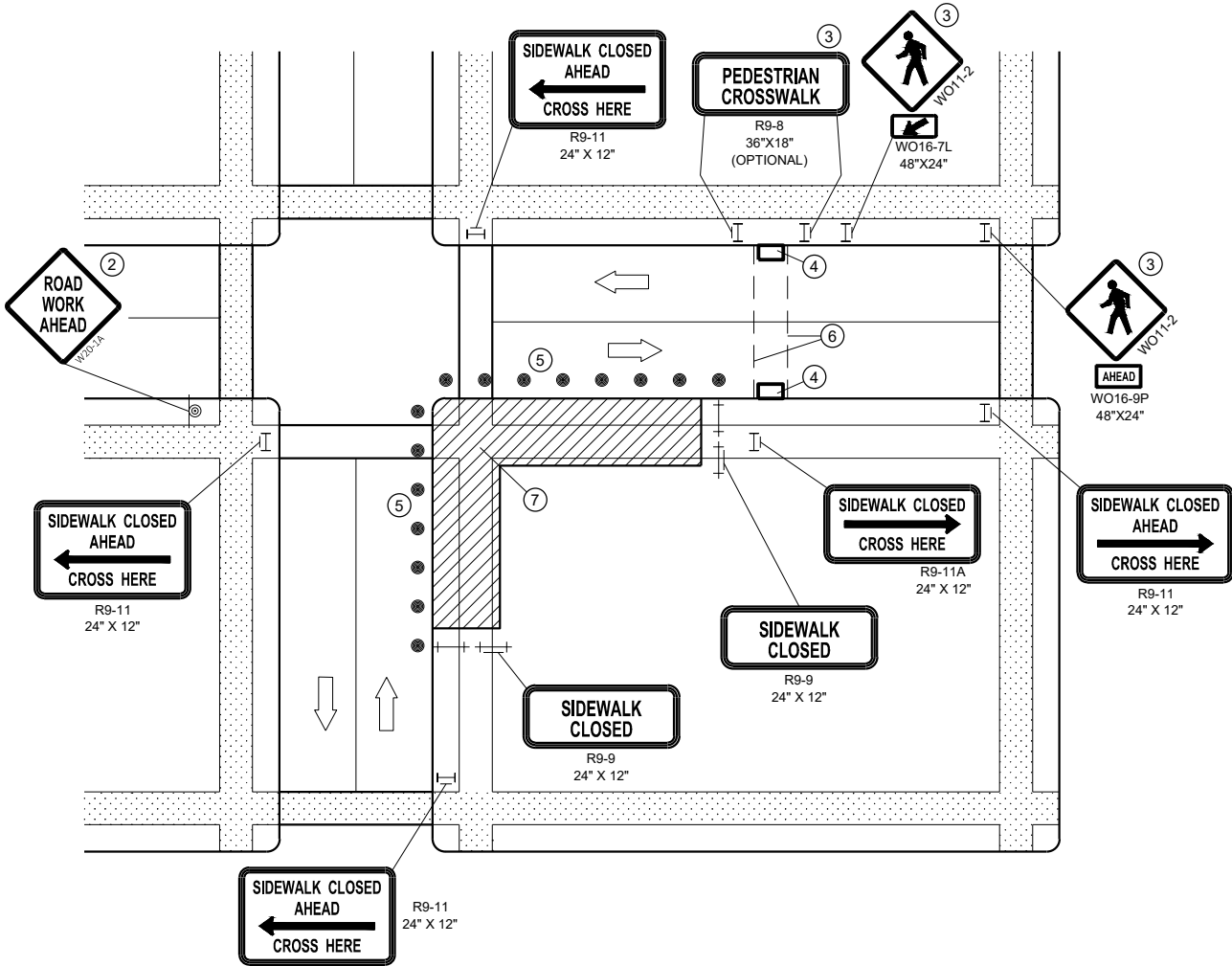
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK
CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN, EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

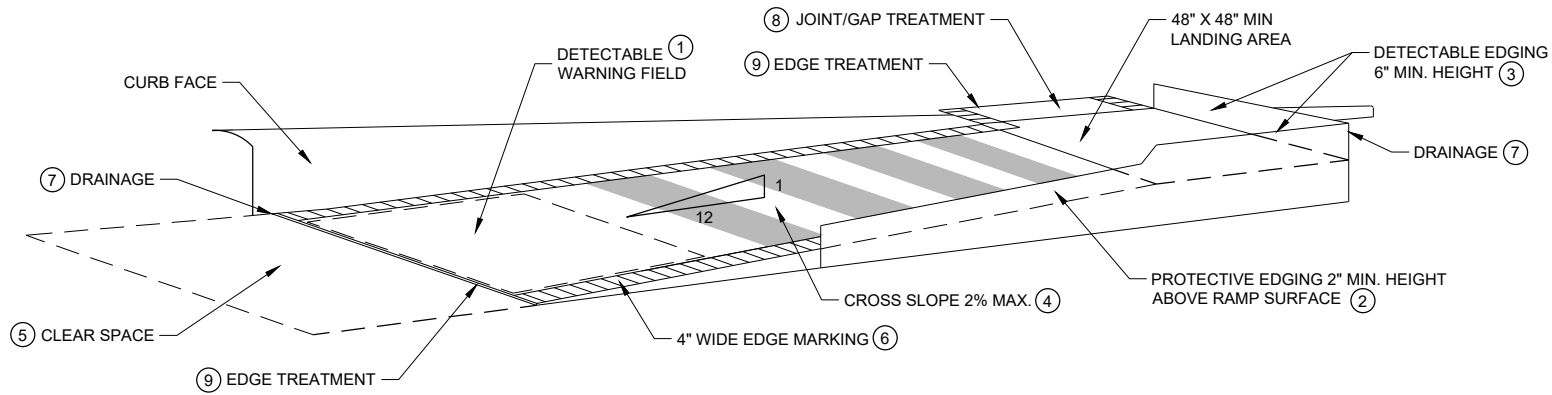
- ① IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE
- ② "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
- ③ IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.
- ④ TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b'.
- ⑤ DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- ⑥ TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- ⑦ LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

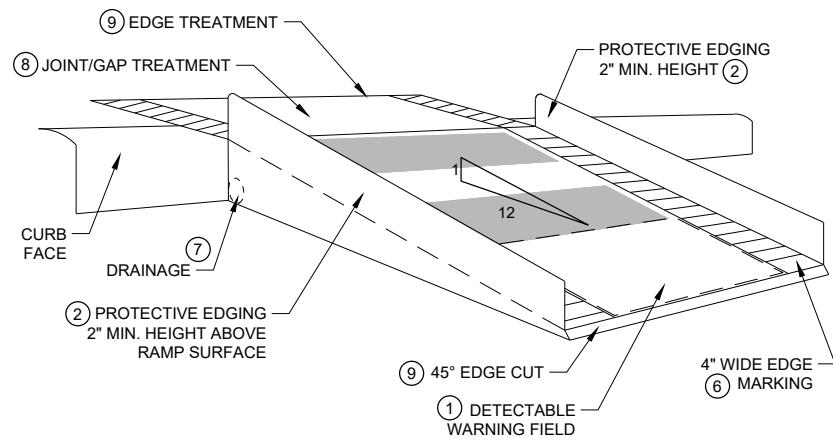
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

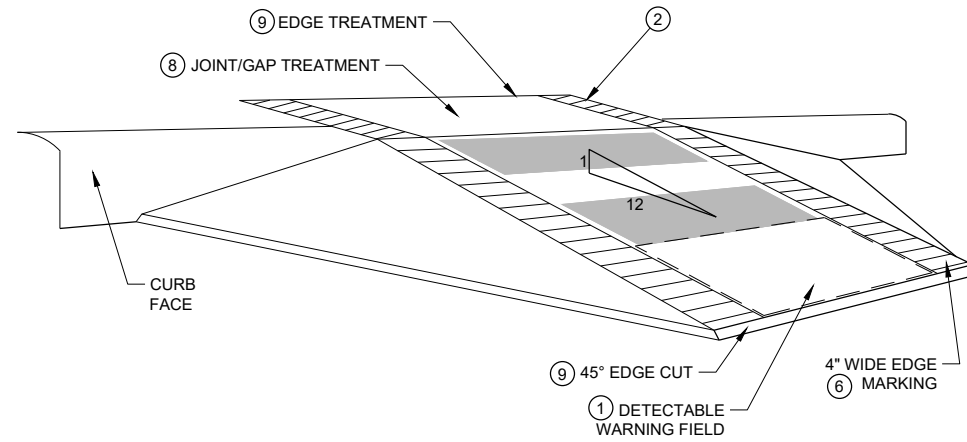
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TEMPORARY CURB RAMP PARALLEL TO CURB



WITH PROTECTIVE EDGE



WITH SIDE APRON

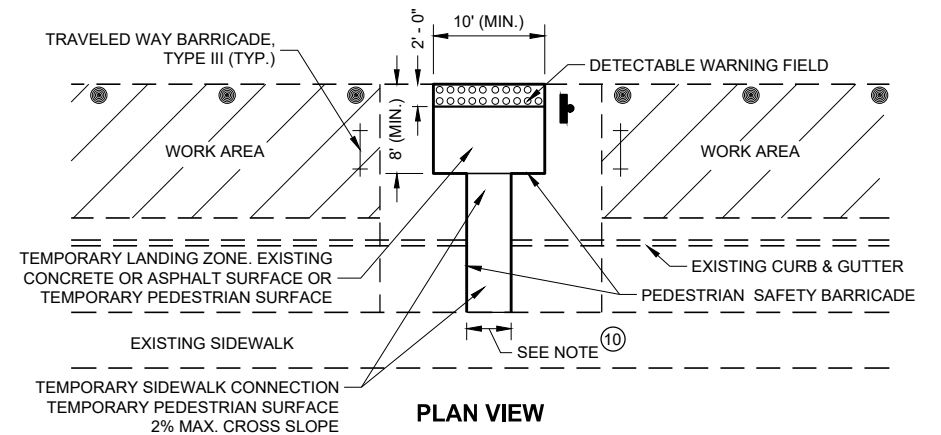
TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

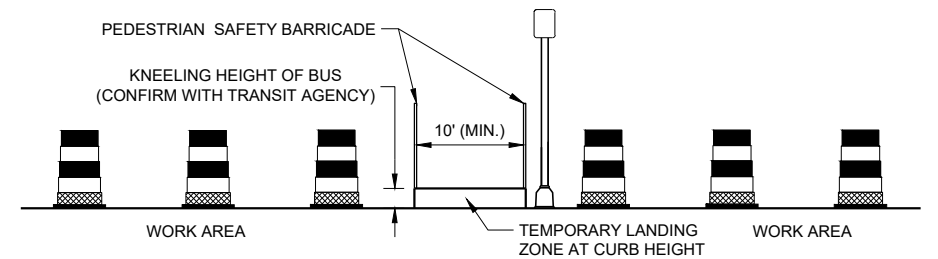
NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- ① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
- ② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- ③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- ④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- ⑤ CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- ⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
- ⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- ⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
- ⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
- ⑩ 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.



PLAN VIEW



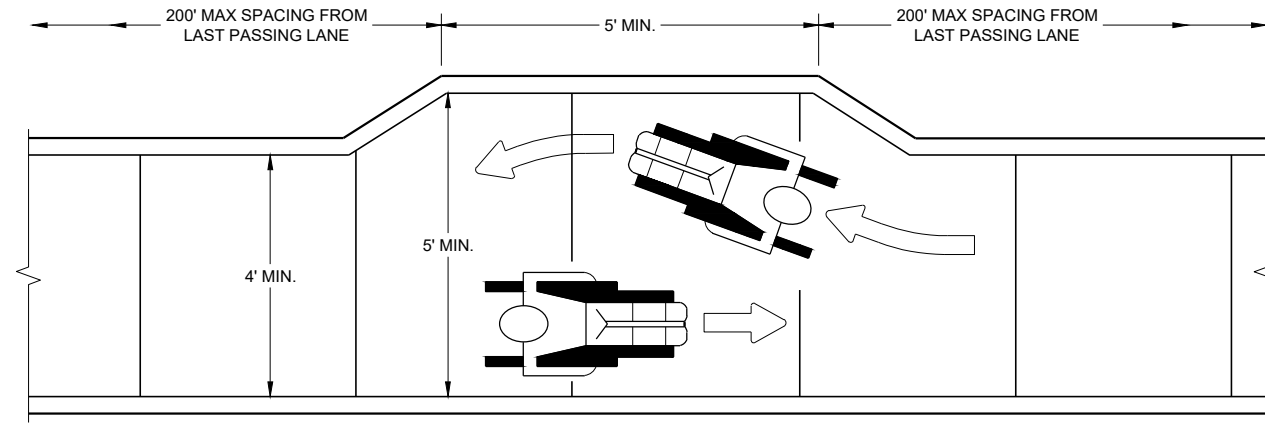
PROFILE VIEW

TEMPORARY BUS STOP PAD

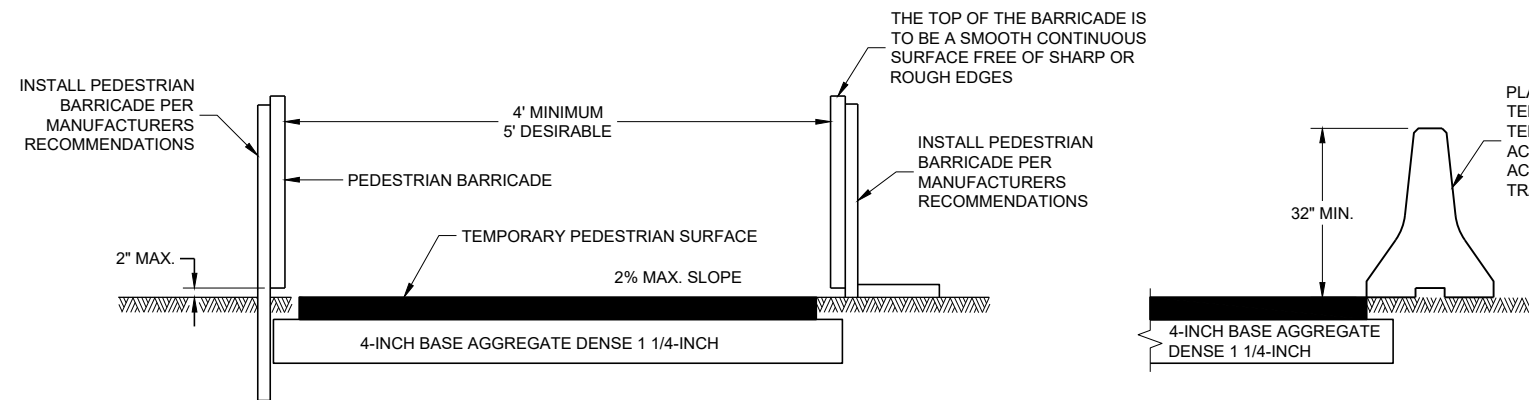
LEGEND

- TRAFFIC CONTROL DRUM
- † TYPE III BARRICADE
- ▨ WORK AREA

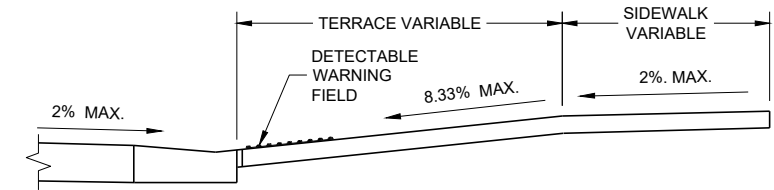
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



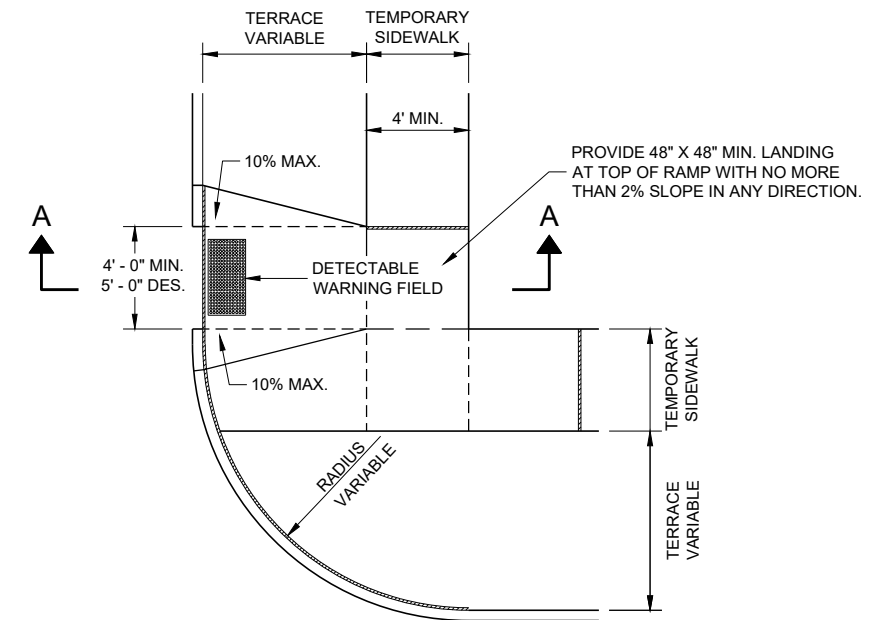
NARROW SIDEWALK PASSING DETAIL



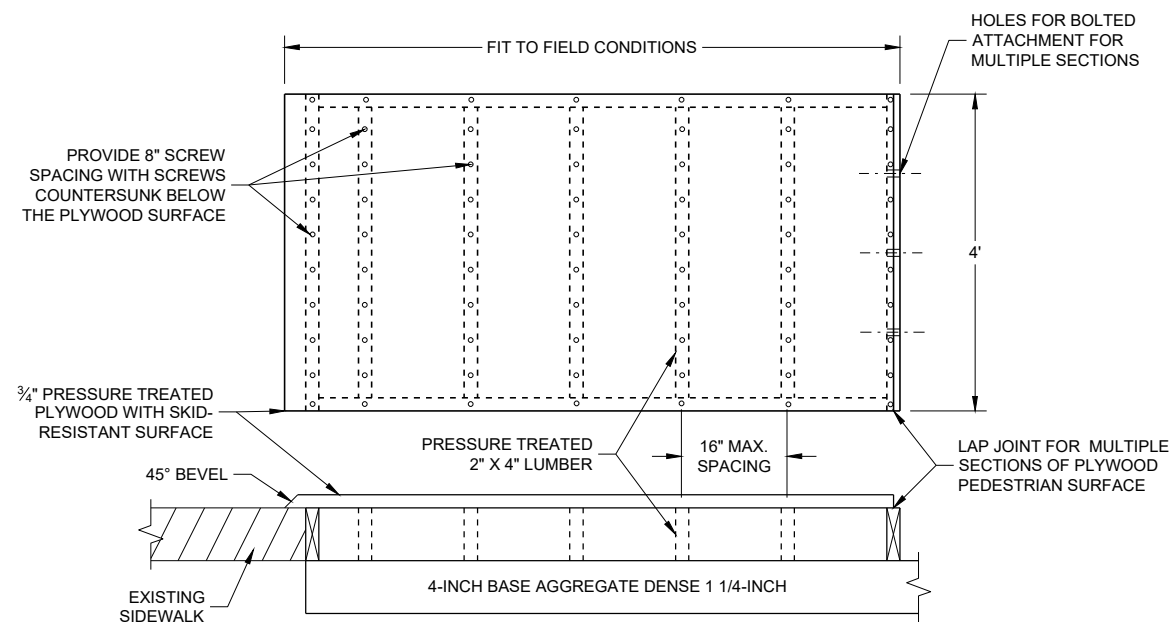
TEMPORARY PEDESTRIAN ACCESS



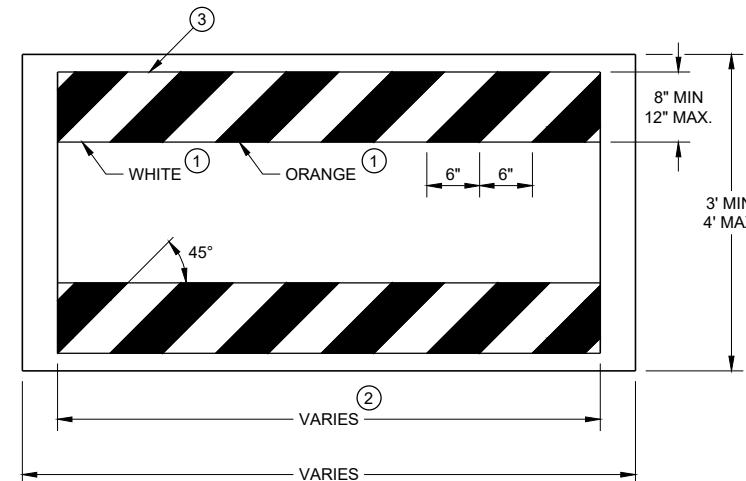
SECTION A - A



**PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)**



TEMPORARY PEDESTRIAN SURFACE PLYWOOD

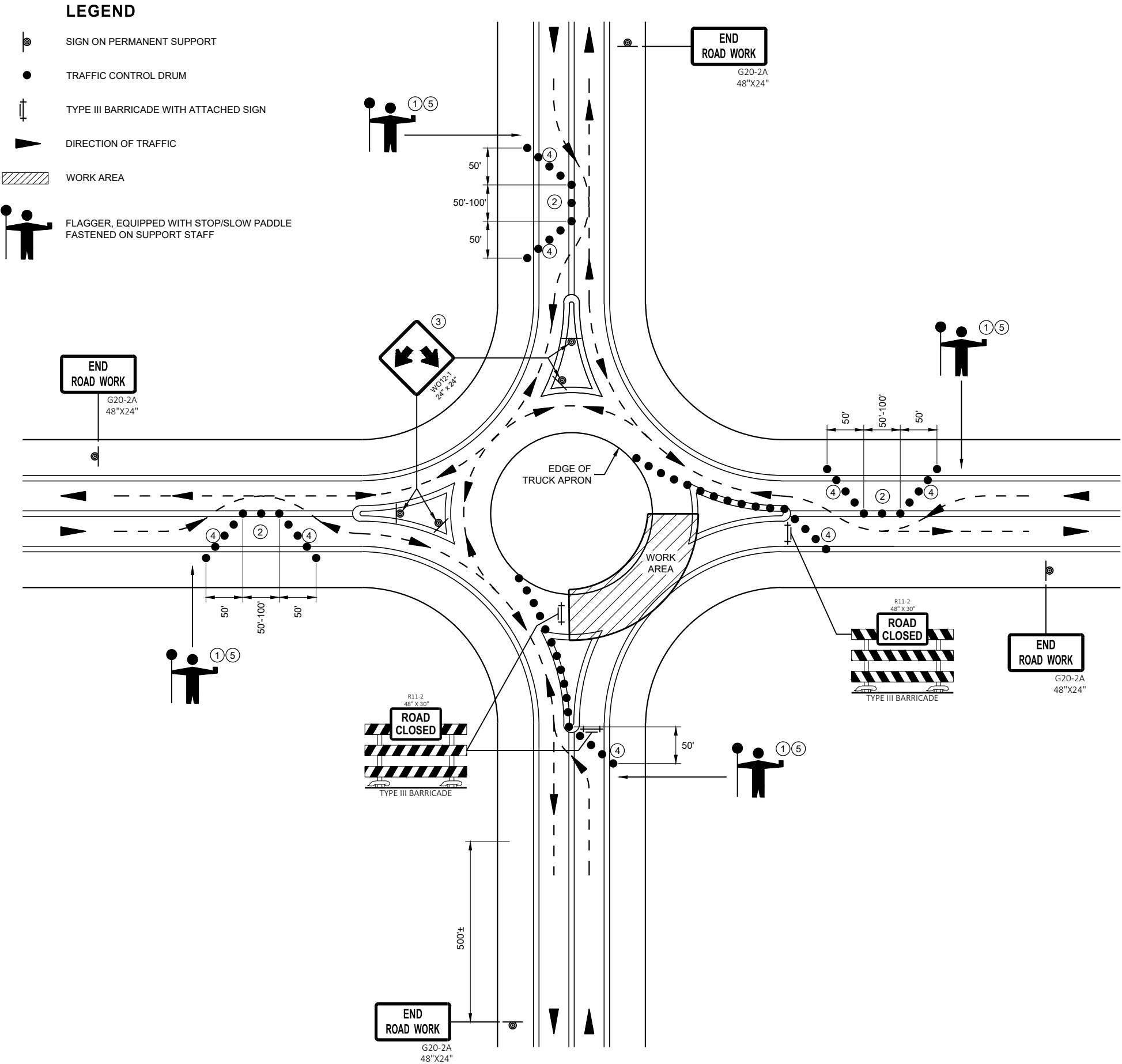


TEMPORARY PEDESTRIAN BARRICADE *

GENERAL NOTES

- BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST
- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
- ③ PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
- * USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2019 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	



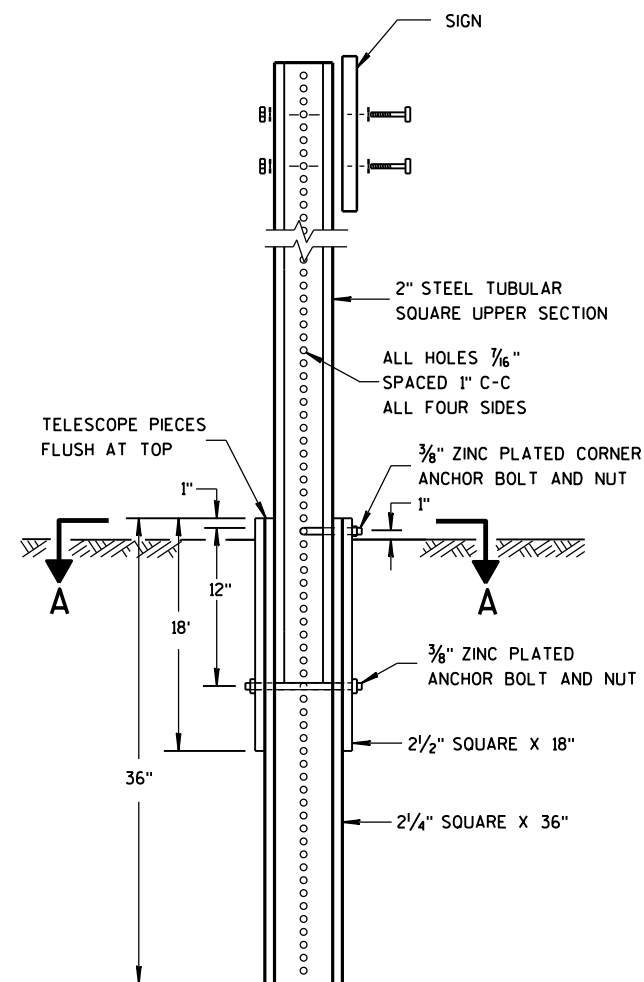
**TRAFFIC CONTROL,
FLAGGING OPERATION,
ROUNDABOUT**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

FHWA

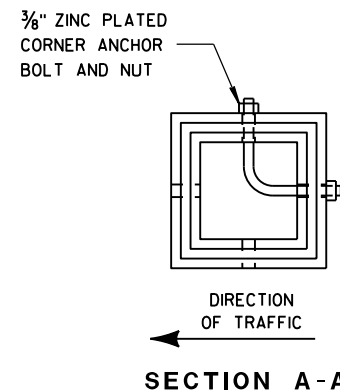


DETAIL OF TUBULAR
STEEL SIGN POST

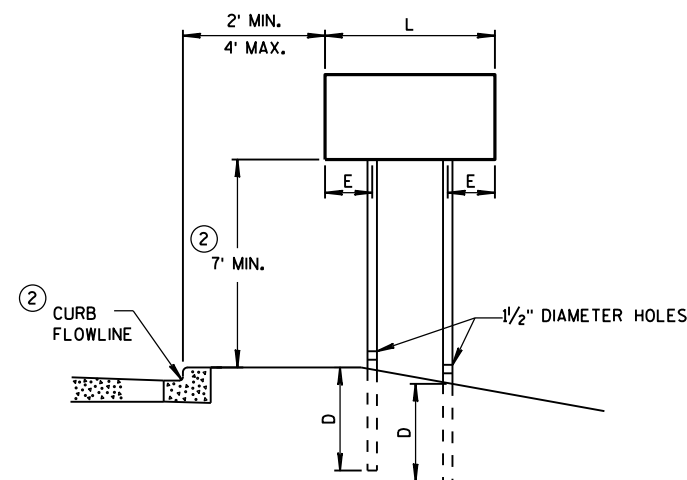
TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL
BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).
SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED
ON TUBULAR STEEL POSTS.



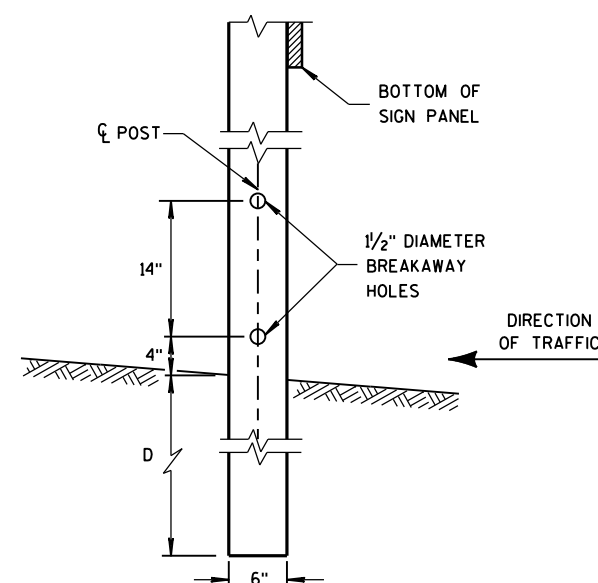
SECTION A-A



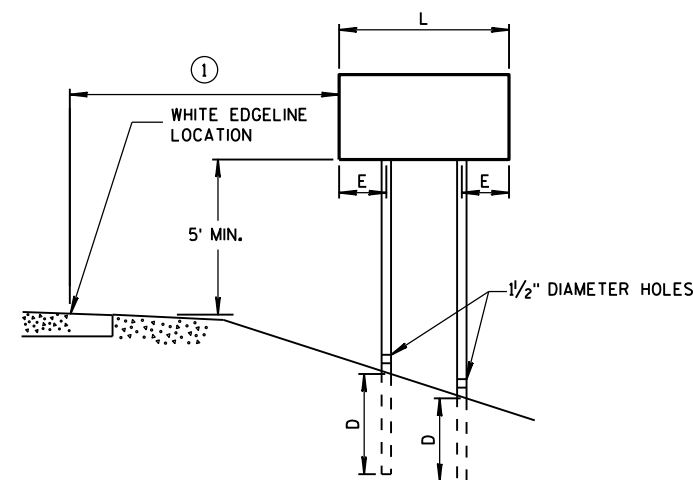
URBAN AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST EMBEDMENT DEPTH	
AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'



4 "x6 " WOOD POST
MODIFICATION



RURAL AREA

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

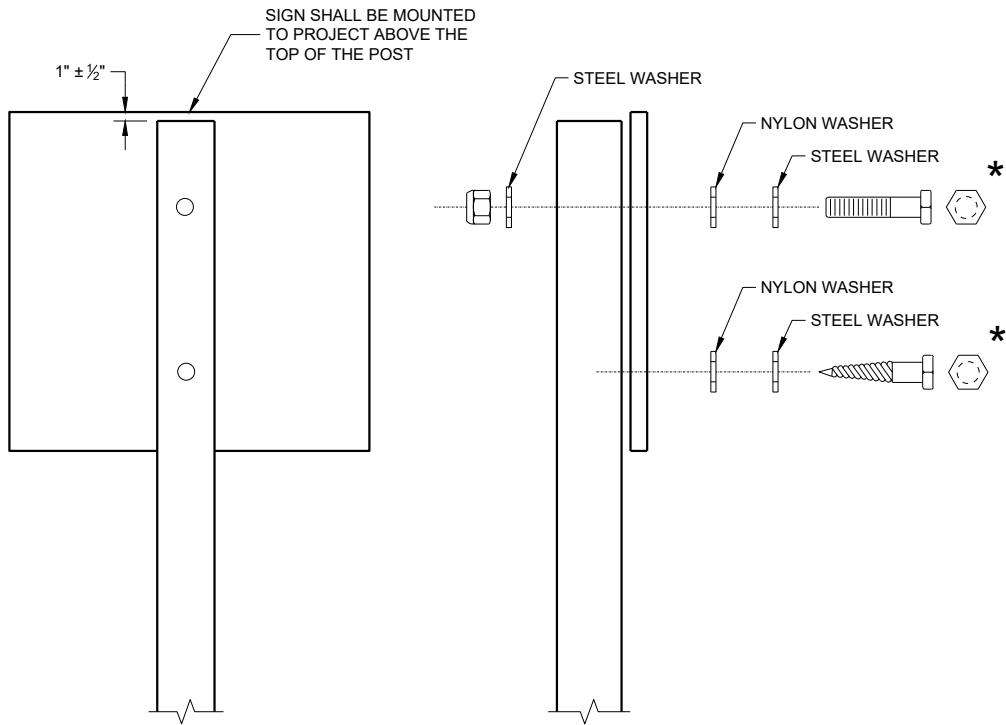
SEE NOTE ③

GENERAL NOTES

- ① 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.
- ② THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.
- ③ FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.

TEMPORARY TRAFFIC CONTROL
SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS
SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

- A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM
DESIGNATION: A 153, CLASS D, OR SC 3
- B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM
DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH
SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED
COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POST (4" x 6")
LAG SCREWS - 3/8" x 3"
MACHINE BOLTS - 5/16" x 6 1/2" OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2")
MACHINE BOLTS - 3/8" x 3 1/4" LENGTH W/NUTS
RIVETS - 3/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM
BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH,
GRIP RANGE 0.042 - 0.375 INCH

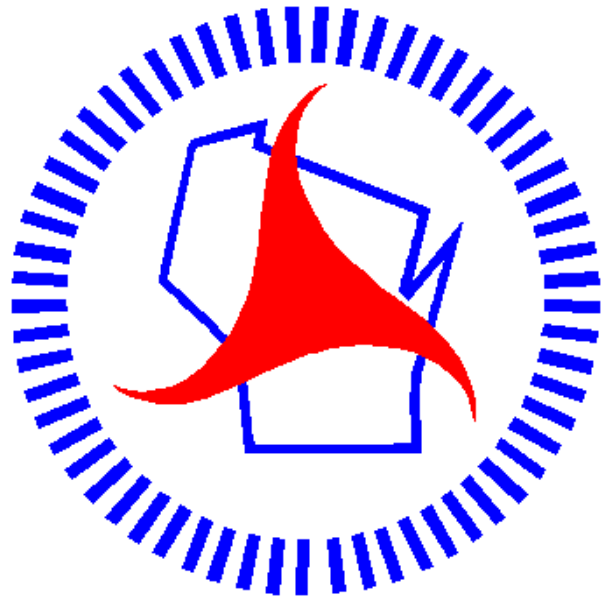
WASHERS (ALL POSTS) -
1 1/4" O.D. x 3/8" I.D. x 1/16" STEEL
1 1/4" O.D. x 3/8" I.D. x 0.080 NYLON

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION
PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM
SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH
THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER
THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

ATTACHMENT OF SIGNS
TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>