

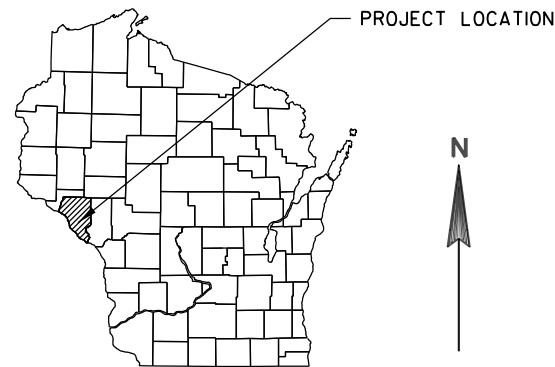
COUNTY: **BUFFALO**

CZECHVILLE - MONDOVI
CTH E TO STH 37
STH 88
BUFFALO COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7730-00-60		
7730-06-73		

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 Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T.	2017	=	355
A.A.D.T.	2037	=	400
D.H.V.		=	60
D.D.		=	62/38
T.		=	6.2%
DESIGN SPEED		=	30-60 mph
ESALS	20 YEAR	=	460,000

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED EASEMENT
EARTHWORK BALANCE POINT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE

SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
(To be noted as such)

MARSH AREA

WOODED OR SHRUB AREA

COMBUSTIBLE FLUIDS
UNDERGROUND UTILITIES
GAS
ELECTRIC
TELEPHONE OR TELEGRAPH
TV/CABLE
SERVICE PEDESTAL
POWER POLE
TELEPHONE POLE
RAILROAD
SANITARY SEWER
STORM SEWER
WATER
EXISTING CULVERT
PROPOSED CULVERT
(Box or Pipe)
CULVERT (Profile View)

CAUTION

_____ G _____

_____ E _____

_____ T _____

_____ TV _____

⌞

⌚

∅

_____ SAN _____

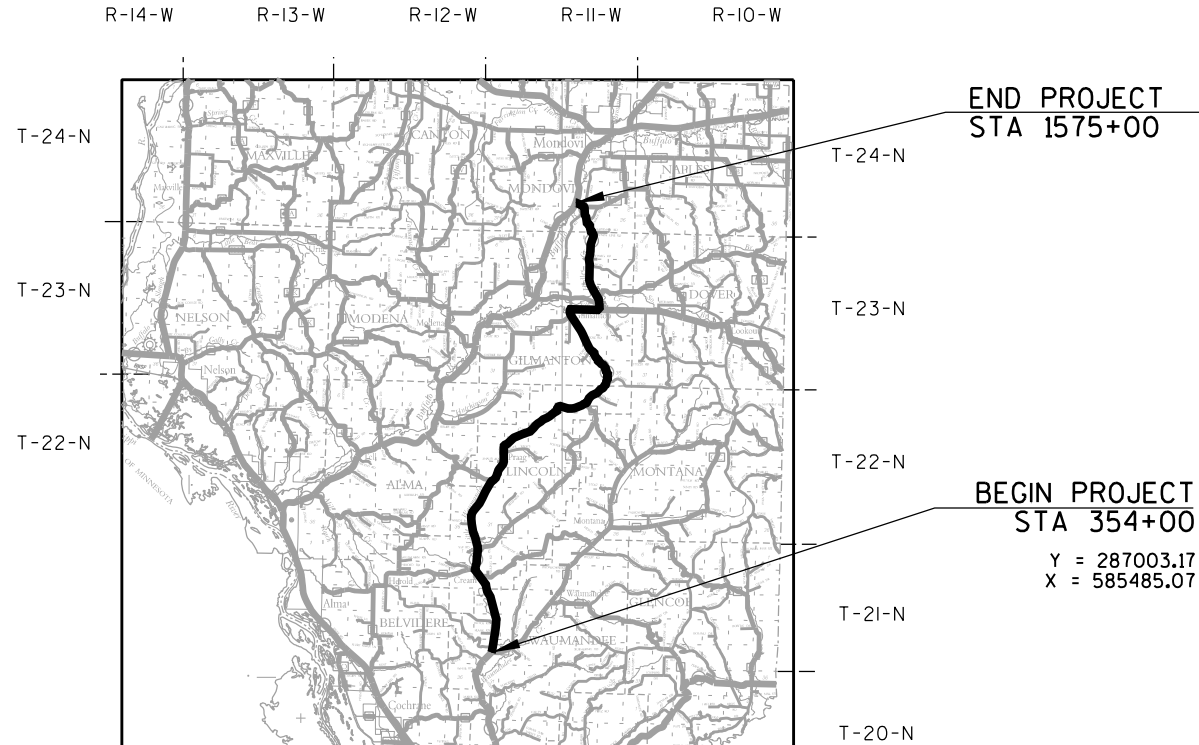
_____ SS _____

_____ W _____

_____ - - - - - _____

➔

● ■



END PROJECT
STA 1575+00

BEGIN PROJECT
STA 354+00

$$\begin{aligned} Y &= 287003.17 \\ X &= 585485.07 \end{aligned}$$

LAYOUT

SCALE 0 4 MI



TOTAL NET LENGTH OF CENTERLINE = 0.000 (RURAL)

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Buffalo County.

ACCEPTED FOR	
_____	of _____
_____	_____
DATE:	_____

ORIGINAL PLANS PREPARED BY:



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	_____	SEH	_____
Designer	_____	SEH	_____
Project Manager	_____	WENDY MAVES	_____
Regional Examiner	_____	DANIAL OJIBWAY	_____
Regional Supervisor	_____	TIM MASON	_____
C.O. Examiner	_____		_____

APPROVED FOR THE DEPARTMENT

DATE: _____
(Signature)

■

STANDARD ABBREVIATIONS

ABUT	ABUTMENT	HYD	HYDRANT
AC	ACRE	ID	INSIDE DIAMETER
AGG	AGGREGATE	INV	INVERT
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE	IP	IRON PIPE ON PIN
		LHF	LEFT-HAND FORWARD
ASPH	ASPHALTIC	L	LENGTH OF CURVE
AVG	AVERAGE	LF	LINEAR FOOT
ADT	AVERAGE DAILY TRAFFIC	LC	LONG CHORD OF CURVE
BF	BACK FACE	LS	LUMP SUM
BM	BENCH MARK	MH	MANHOLE
BR	BRIDGE	MOR	MID POINT OF RADIUS
CE	COMMERCIAL ENTRANCE	NC	NORMAL CROWN
CL OR C/L OR ¶	CENTER LINE	NO	NUMBER
Δ	CENTRAL ANGLE OR DELTA	OBLIT	OBLITERATE
CONC	CONCRETE	PAVT	PAVEMENT
CPRC	CULVERT PIPE REINFORCED CONCRETE	PE	PRIVATE ENTRANCE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	PVRC	POINT OF VERTICAL REVERSE CURVE
		QOR	QUARTER POINT OF RADIUS
CR	CREEK	R	RADIUS
CY	CUBIC YARD	REQ'D	REQUIRED
C & G	CURB AND GUTTER	RES	RESIDENCE OR RESIDENTIAL
D	DEGREE OF CURVE	RHF	RIGHT-HAND FORWARD
DHV	DESIGN HOUR VOLUME	R/W	RIGHT-OF-WAY
DISCH	DISCHARGE	R	RIVER
DG	DITCH GRADE	RDWY	ROADWAY
DWY	DRIVEWAY	R/L OR R	REFERENCE LINE
X	EAST GRID COORDINATE	SALV	SALVAGED
EAT	STEEL PLATE BEAM GUARD	SAN	SANITARY SEWER
		SF	SQUARE FEET
EOR	END POINT OF RADIUS	SY	SQUARE YARD
EL	ELEVATION	SDD	STANDARD DETAIL DRAWINGS
ENT	ENTRANCE	STA	STATION
ESALS	EQUIVALENT SINGLE AXLE LOADS	SS	STORM SEWER
EXC	EXCAVATION	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
EBS	EXCAVATION BELOW SUBGRADE	SE	SUPERELEVATION RATE
EXIST	EXISTING	TC	TOP OF CURB
FC	FACE OF CURB	T OR TN	TOWN
FF	FACE TO FACE	T	TRUCKS (PERCENT OF)
FERT	FERTILIZE	TYP	TYPICAL
FE	FIELD ENTRANCE	VAR	VARIABLE
FL	FLOW LINE	VC	VERTICAL CURVE
FO	FIBER OPTIC	Y	NORTH GRID COORDINATE
CWT	HUNDREDWEIGHT	YD	YARD

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM.

WHEN THE QUANTITY OF BASE AGGREGATE OR ASPHALTIC SURFACE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN OR THERE ARE NO KNOWN UTILITY FACILITIES WITHIN THE PROJECT AREA.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH TOPSOILED, FERTILIZED, SEEDED AND MULCHED.

A VERTICAL SAWCUT SHALL BE MADE THROUGH PAVEMENTS AT REMOVAL LIMITS AS DIRECTED BY THE ENGINEER.

TOP OF CASTING ELEVATIONS SHOWN FOR INLETS REFER TO THE CASTING ELEVATION AT THE FRONT EDGE OF CASTING/FLOWLINE OF GRATE/TOP OF CURB BOX.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON OR ROCK EXCAVATION.

ASPHALTIC SURFACE PATCHING SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYER THICKNESSES:

PAVEMENT THICKNESS (INCH)	LOWER (INCH)	UPPER (INCH)
6"	3"	3"

SILT FENCE IS TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IN PLACE PRIOR TO BRIDGE REMOVAL.

WISDOT MONUMENTS WILL BE SUPPLIED BY THE STATE AND INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

BEARINGS SHOWN ON THE PLAN ARE REFERENCED TO THE EXISTING ROADWAY CENTERLINE AND ARE ASSUMED.

EXISTING PIPE CULVERT AND/OR CONCRETE BOX CULVERT SIZES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL BASE ITS BID ON ACTUAL FIELD CONDITIONS.

UTILITY CONTACTS

DALE GOSS
CHIPPEWA VALLEY CABLE, INC.
NELSON TELEPHONE CO-OP
PO BOX 228
DURAND, WI 54736

MATT BIESTERVELD
COCHRANE COOPERATIVE TELEPHONE CO
103 WEST 5TH STREET
PO BOX 189
COCHRANE, WI 54622
608-248-2323
EMAIL: MBEASTIE@MWT.NET

BRIAN MELLO
XCEL ENERGY - DISTRIBUTION
320 HELLER ROAD
MENOMONIE, WI 54751
715-232-7412

KURT CHILDS
DAIRYLAND POWER COOPERATIVE
3200 EAST AVENUE SOUTH
PO BOX 817
LA CROSSE, WI 54601
608-788-4000

TERRY DORR
FRONTIER COMMUNICATIONS
15 E 2ND STREET
NEW RICHMOND, WI 54017
715-243-7014
EMAIL: TERRY.DORR@FTR.COM

DOUG GERRITTS
RIVERLAND ENERGY COOPERATIVE
PO BOX 277
ARCADIA, WI 54612
800-411-9115
EMAIL: DGERRITTS@RIVERLANDENERGY.COM

STEVE JAKUBIEC
TDS TELECOM
10 COLLAGE AVE.,
SUITE 218A
APPLETON, WI 54911
920-882-4166
EMAIL: STEVE.JAKUBIEC@TDSTELECOM.COM

DESIGN CONTACTS

SEH INC.
421 FRENETTE DRIVE
CHIPPEWA FALLS, WI 54729
TELEPHONE: 715-720-6200
EMAIL: GWEYANDT@SEHINC.COM
ATTENTION: GREG WYANDT

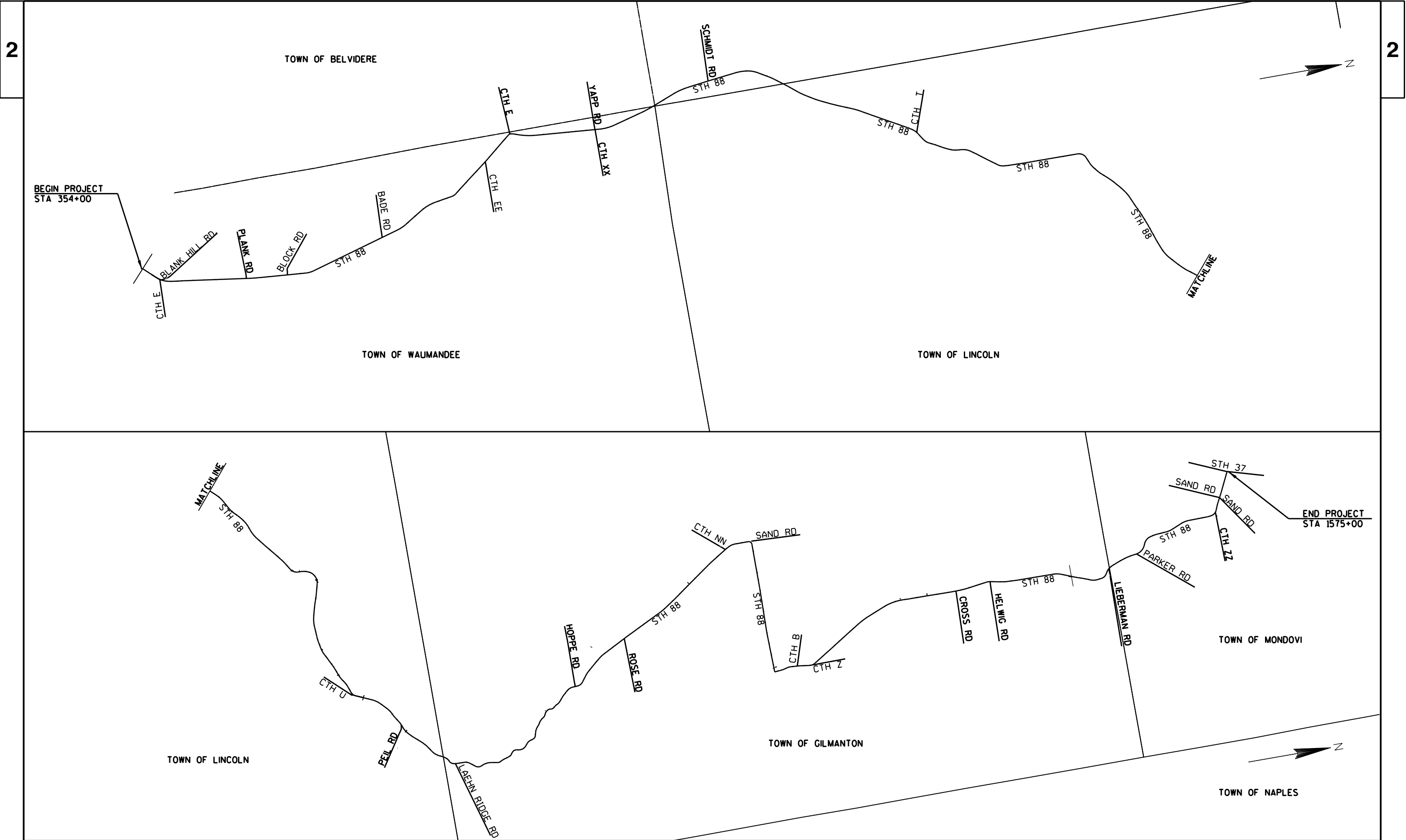


Dial 811 or (800)242-8511
www.DiggersHotline.com

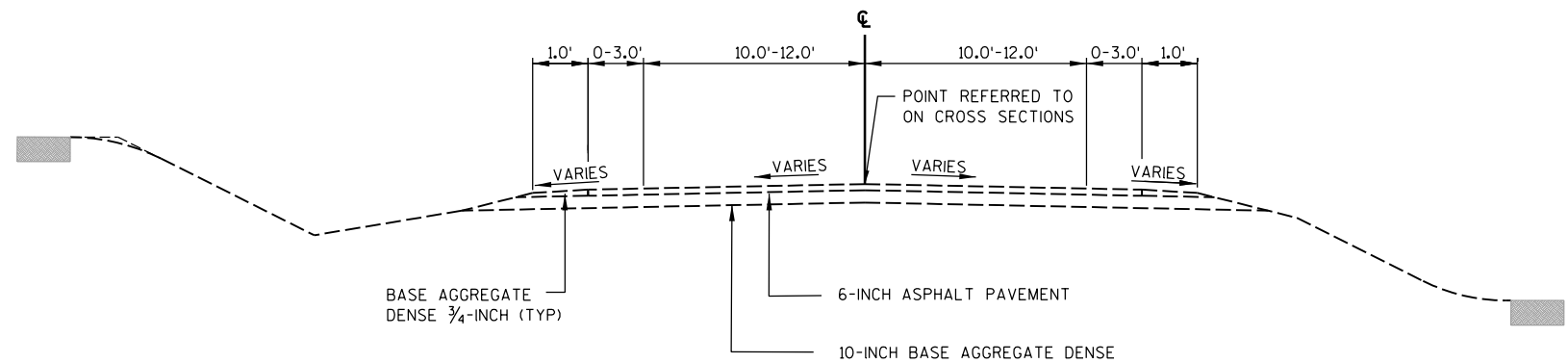
(877)500.9592 (EMERGENCY ONLY)

WDNR CONTACT

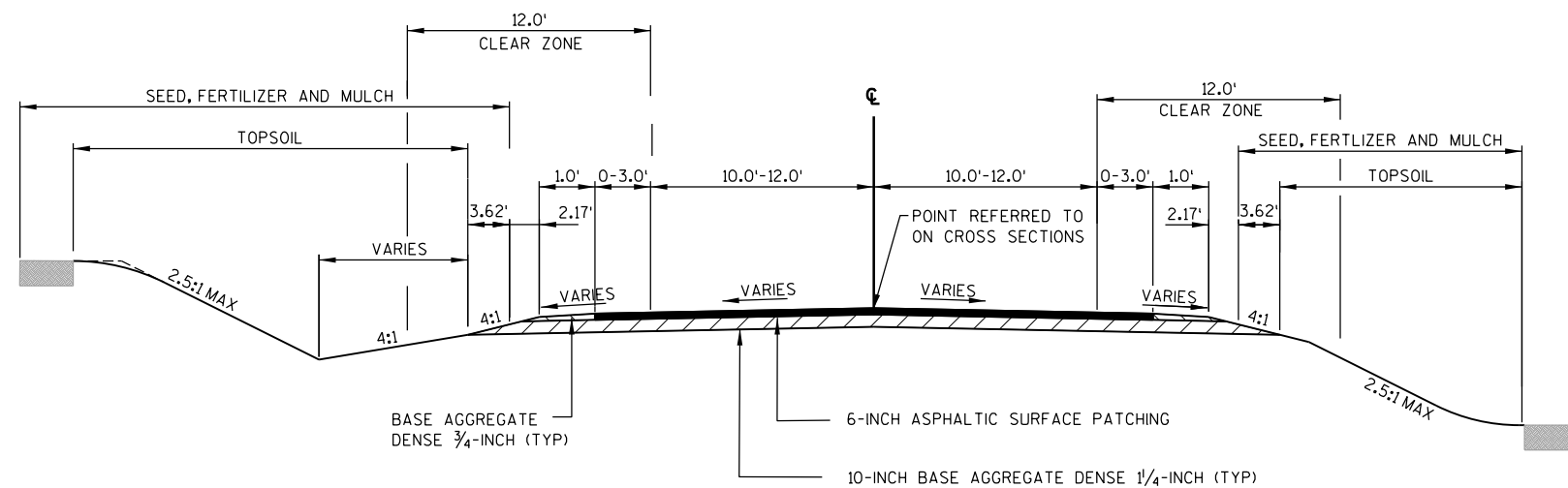
DEPT. OF NATURAL RESOURCES
KAREN KALVELAGE
3550 MORMON COULEE RD
LACROSSE, WI 54601
TELEPHONE: 608-785-9115
KARENKALVELAGE@WISCONSIN.GOV



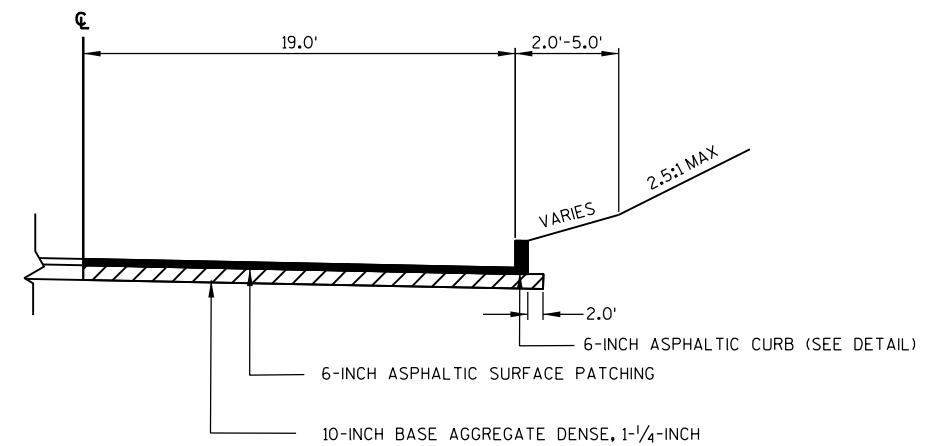
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PROJECT OVERVIEW	SHEET	E
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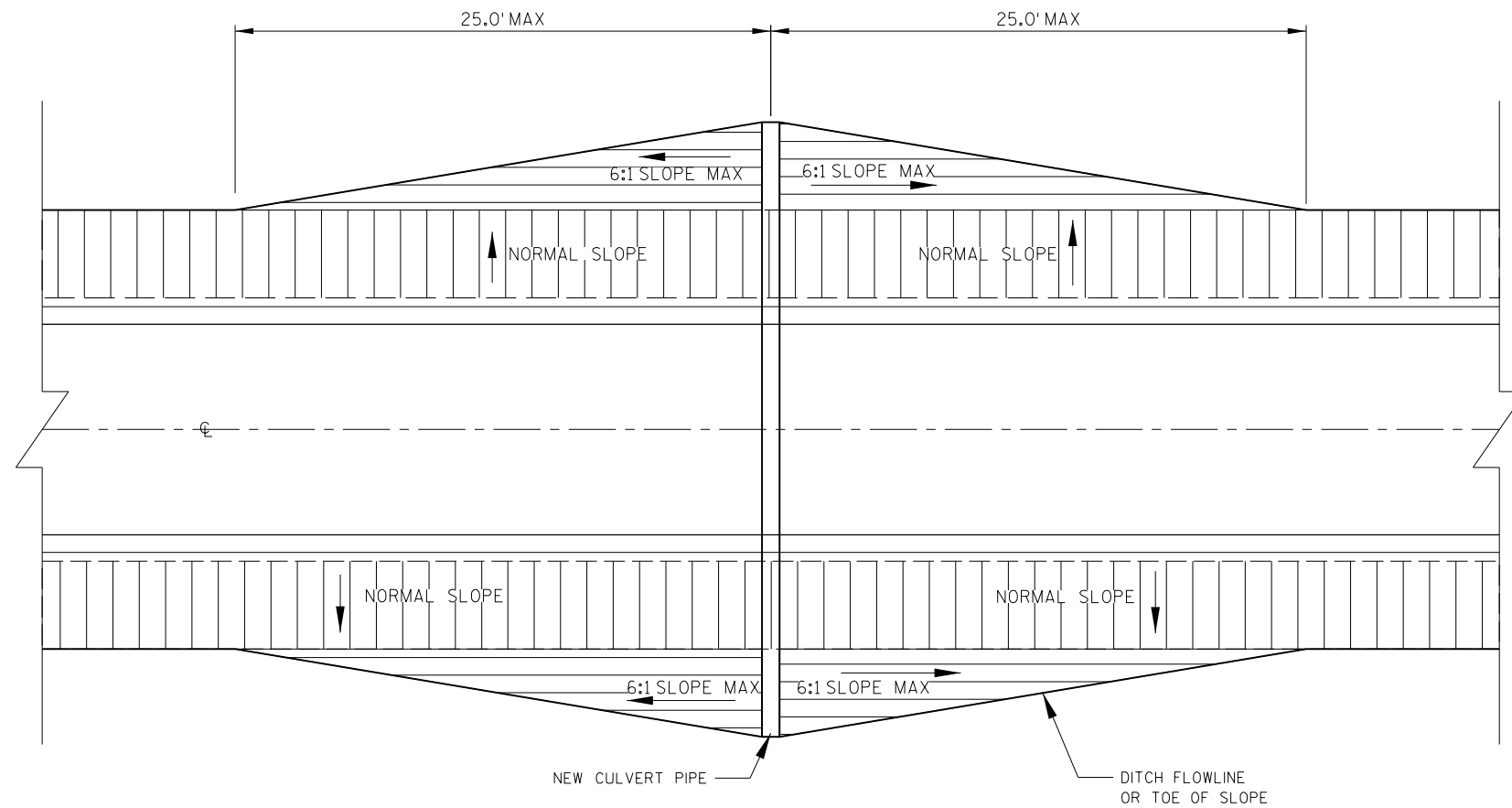
TYPICAL EXISTING SECTION
AT PIPE REPLACEMENT LOCATIONS



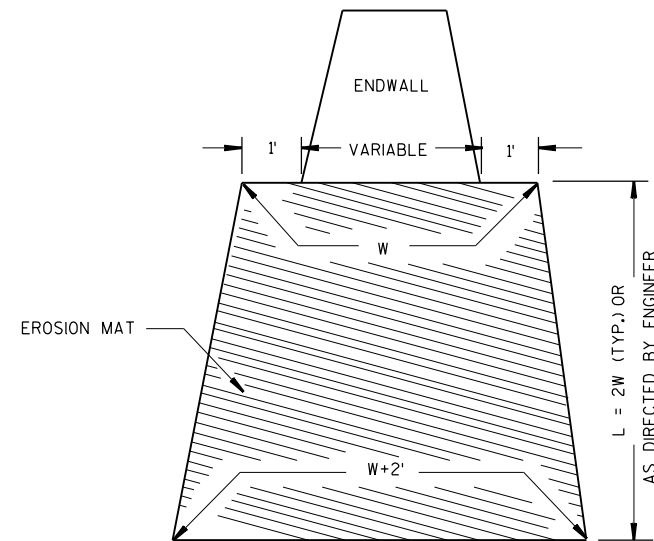
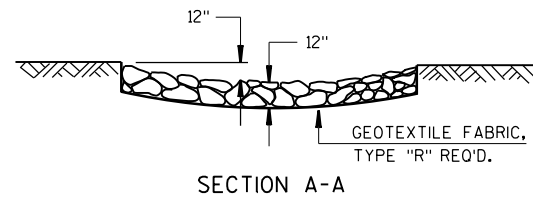
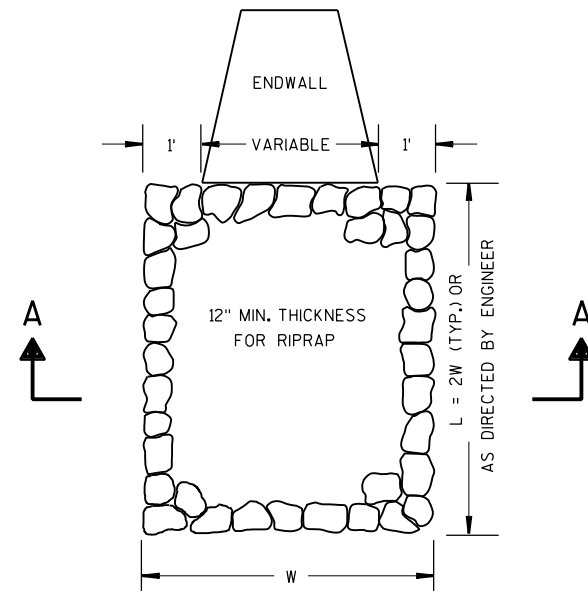
TYPICAL FINISHED SECTION
AT PIPE REPLACEMENT LOCATIONS



TYPICAL FINISHED HALF SECTION
STA 689+80
STA 697+38

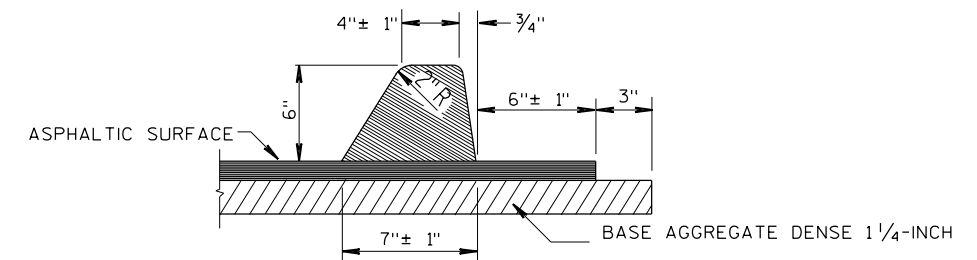
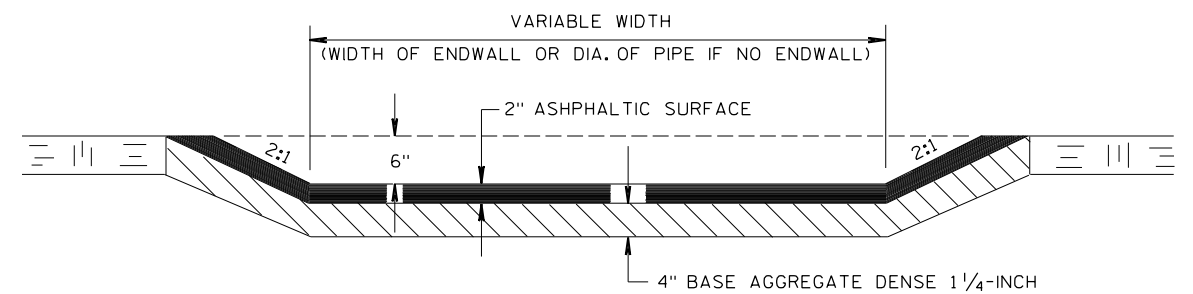


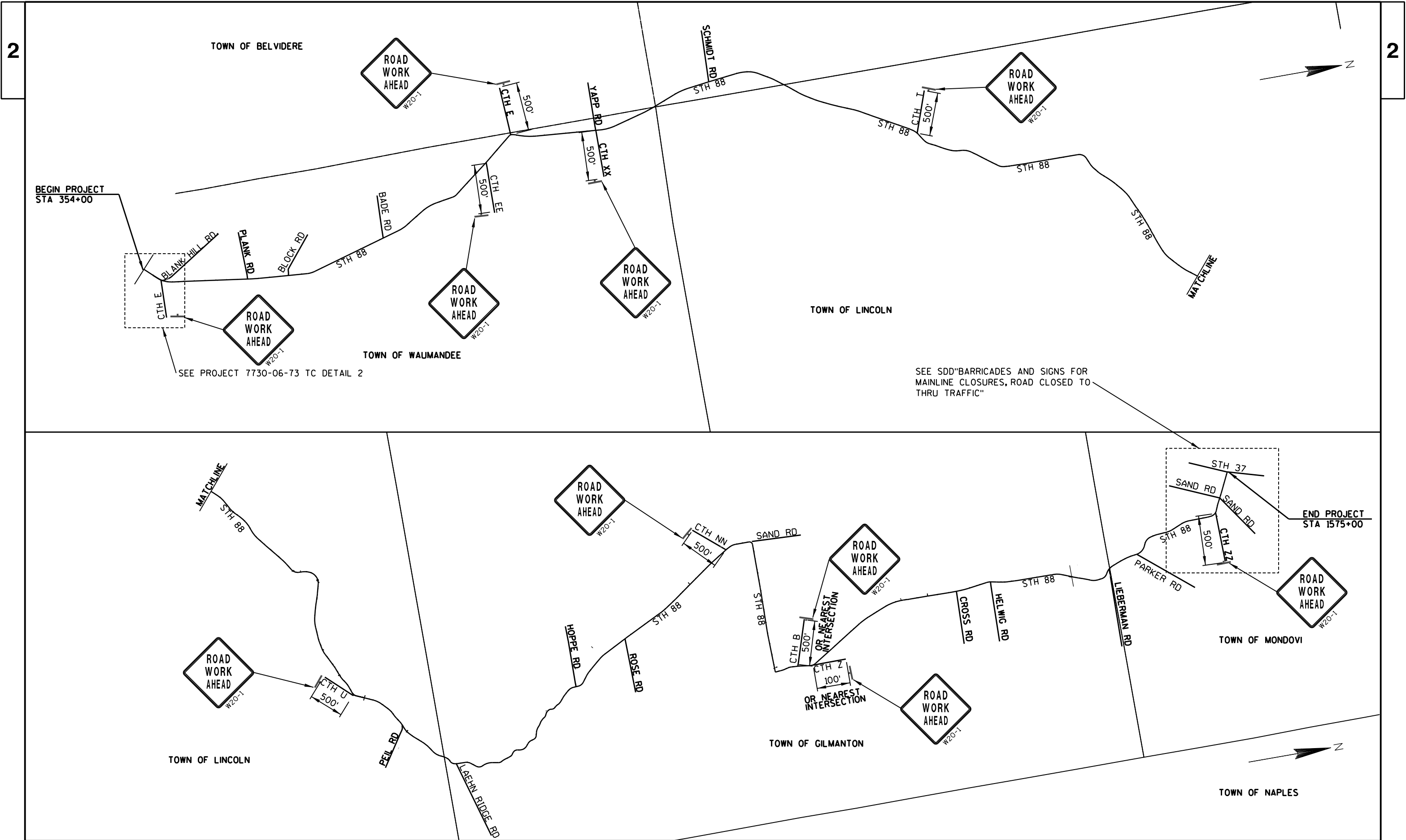
NEW CULVERT PIPE CONSTRUCTED WITH 3R STANDARDS

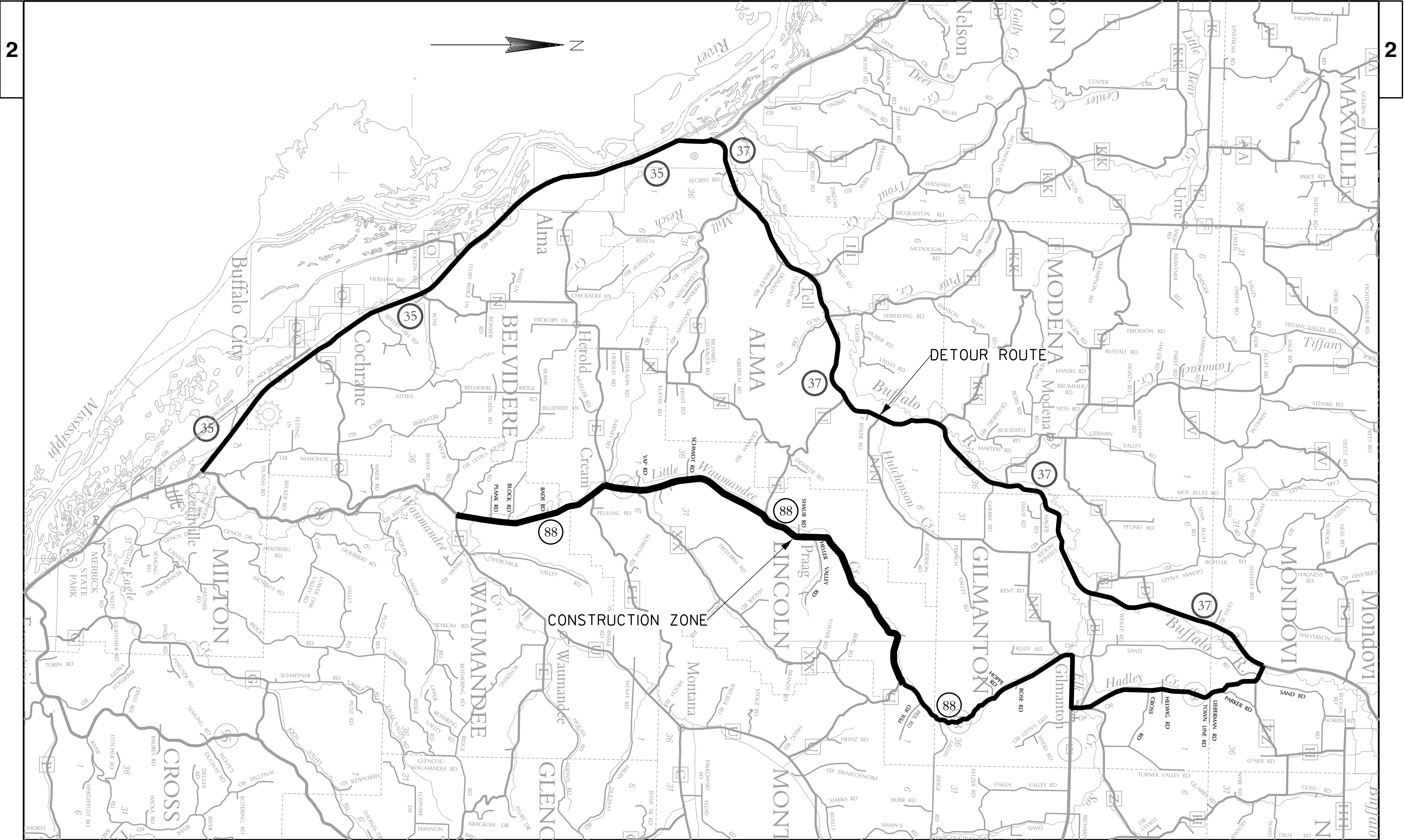
EROSION MAT TREATMENT AT CULVERTSRIPRAP TREATMENT AT CULVERTSRUNOFF COEFFICIENT TABLE

	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 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

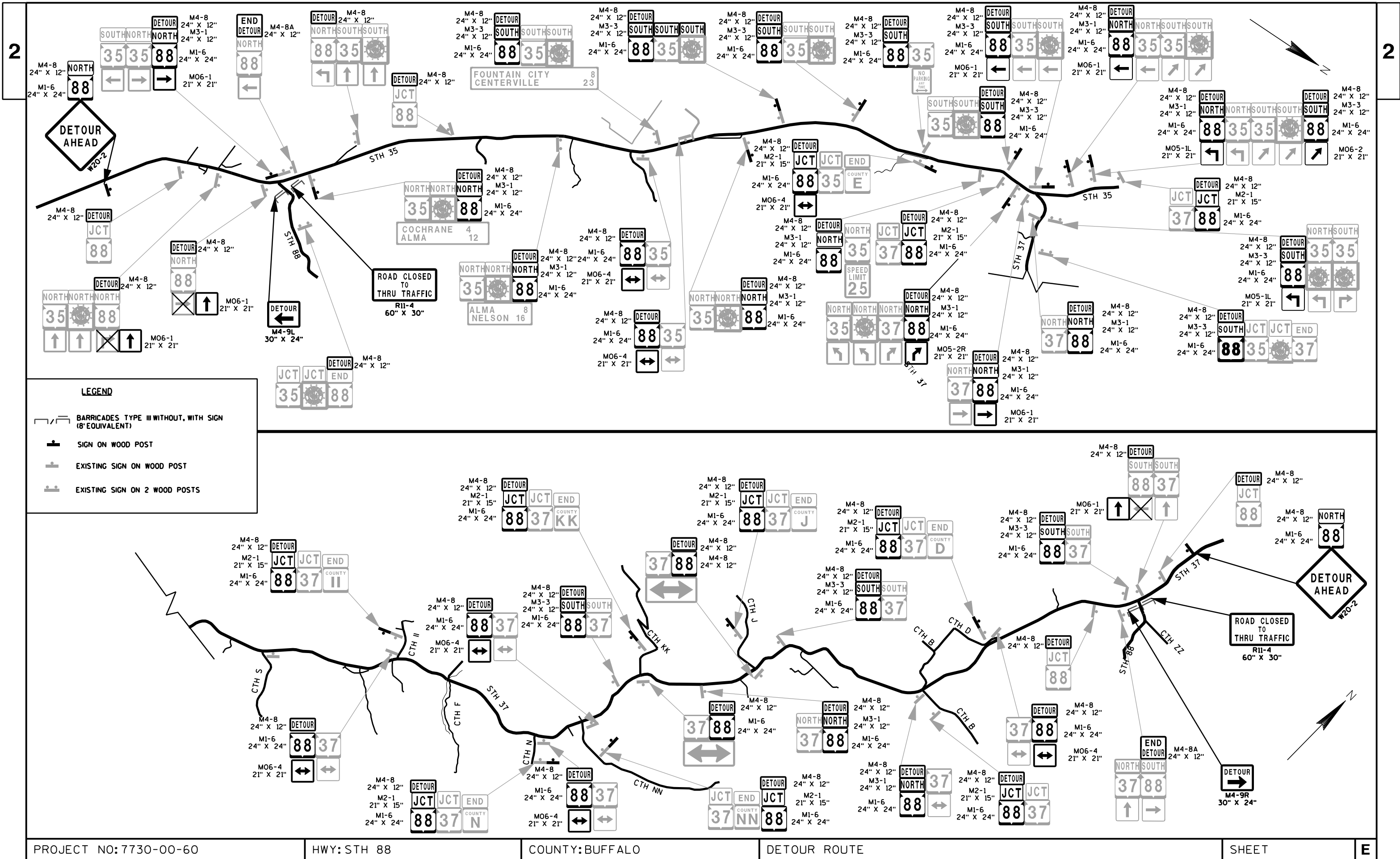
TOTAL PROJECT AREA = ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = ACRES

ASPHALTIC CURB DETAILASPHALTIC CONCRETE FLUME DETAIL





PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	DETOUR ROUTE	SHEET	E
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CURVE DATA
DELTA =27°00'00.00" (LT)
D =5°12'31.35"
T =264.09
L =518.36
E =31.26
R =1100.00
DB =N 43°01'21.94" E
DA =N 16°01'21.94" E
PC STA 352+42.65
PC Y =286880.863
PC X =585386.291
PISTA 355+06.74
PIY =287073.932
PIX =585566.474
PT STA 357+61.01
PT Y =287327.759
PT X =585639.367

CURVE DATA
DELTA =8°38'03.56" (LT)
D =3°22'13.22"
T =128.34
L =256.19
E =4.84
R =1700.00
DB =N 16°01'21.94" E
DA =N 7°23'18.38" E
PC STA 357+61.01
PC Y =287327.759
PC X =585639.367
PISTA 358+89.35
PIY =287451.109
PIX =585674.790
PT STA 360+17.20
PT Y =287578.379
PT X =585691.294

CURVE DATA
DELTA =3°19'54.08" (LT)
D =0°39'17.31"
T =254.47
L =508.80
E =3.70
R =8750.00
DB =N 7°48'59.82" E
DA =N 4°29'05.75" E
PC STA 395+44.09
PC Y =291073.033
PC X =586166.930
PISTA 397+98.56
PIY =291325.142
PIX =586201.539
PT STA 400+52.89
PT Y =291578.836
PT X =586221.438

CURVE DATA
DELTA =20°13'54.94" (LT)
D =5°27'24.27"
T =187.34
L =370.77
E =16.58
R =1050.00
DB =N 16°03'29.79" W
DA =N 16°03'29.79" W
PC STA 422+63.48
PC Y =293783.249
PC X =586386.450
PISTA 424+50.81
PIY =293970.088
PIX =586400.084
PT STA 426+34.25
PT Y =294150.113
PT X =586348.264

CURVE DATA
DELTA =15°19'31.44" (LT)
D =3°41'47.41"
T =208.54
L =414.59
E =13.97
R =1550.00
DB =N 31°03'29.79" W
DA =N 31°23'01.23" W
PC STA 469+70.58
PC Y =298317.246
PC X =585148.770
PISTA 471+79.12
PIY =298517.650
PIX =585091.084
PT STA 473+85.17
PT Y =298695.681
PT X =584982.483

CURVE DATA
DELTA =21°46'10.21" (RT)
D =2°43'42.13"
T =403.82
L =797.89
E =38.47
R =2100.00
DB =N 31°47'44.09" W
DA =N 10°01'33.88" W
PC STA 483+59.74
PC Y =299525.275
PC X =584471.070
PISTA 487+63.56
PIY =299868.492
PIX =584258.303
PT STA 491+57.63
PT Y =300266.142
PT X =584188.000

CURVE DATA
DELTA =28°46'00.61" (LT)
D =14°19'26.20"
T =102.58
L =200.83
E =12.94
R =400.00
DB =N 9°01'41.07" W
DA =N 37°47'41.68" W
PC STA 499+56.77
PC Y =301054.485
PC X =584057.244
PISTA 500+59.35
PIY =301155.794
PIX =584041.147
PT STA 501+57.60
PT Y =301236.853
PT X =583978.283

CURVE DATA
DELTA =2°28'23.06" (LT)
D =0°22'55.10"
T =323.77
L =647.45
E =3.49
R =15000.00
DB =N 37°02'50.03" W
DA =N 39°31'13.08" W
PC STA 519+44.78
PC Y =302657.501
PC X =582893.993
PISTA 522+68.56
PIY =302915.918
PIX =582698.927
PT STA 525+92.23
PT Y =303165.677
PT X =582492.893

CURVE DATA
DELTA =47°00'00.00" (RT)
D =38°11'49.87"
T =65.22
L =123.05
E =13.57
R =150.00
DB =N 38°42'12.19" W
DA =N 8°17'47.81" E
PC STA 538+49.48
PC Y =304140.138
PC X =581698.527
PISTA 539+14.70
PIY =304191.037
PIX =581657.744
PT STA 539+72.52
PT Y =304255.576
PT X =581667.156

CURVE DATA
DELTA =11°43'37.82" (RT)
D =6°21'58.31"
T =92.43
L =184.21
E =4.73
R =900.00
DB =N 8°17'47.81" E
DA =N 20°01'25.63" E
PC STA 539+72.52
PC Y =304255.576
PC X =581667.156
PISTA 540+64.95
PIY =304347.037
PIX =581680.493
PT STA 541+56.73
PT Y =304433.878
PT X =581712.141

CURVE DATA
DELTA =15°31'39.00" (LT)
D =1°44'10.45"
T =449.92
L =894.32
E =30.53
R =3300.00
DB =N 20°01'25.63" E
DA =N 4°29'46.62" E
PC STA 542+43.43
PC Y =304515.337
PC X =581741.828
PISTA 546+93.35
PIY =304938.057
PIX =581895.884
PT STA 551+37.75
PT Y =305386.589
PT X =581931.155

CURVE DATA
DELTA =19°27'09.71" (LT)
D =2°36'15.67"
T =377.09
L =746.93
E =32.08
R =2200.00
DB =N 4°29'46.62" E
DA =N 14°57'23.08" W
PC STA 580+94.09
PC Y =308333.825
PC X =582162.915
PISTA 584+71.18
PIY =308709.759
PIX =582192.478
PT STA 588+41.02
PT Y =309074.078
PT X =582095.155

CURVE DATA
DELTA =6°33'53.99" (LT)
D =0°52'53.30"
T =372.80
L =744.78
E =10.68
R =6500.00
DB =N 14°57'23.08" W
DA =N 21°31'17.07" W
PC STA 601+60.97
PC Y =310349.318
PC X =581754.496
PISTA 605+33.77
PIY =310709.484
PIX =581658.283
PT STA 609+05.75
PT Y =311056.288
PT X =581521.523

CURVE DATA
DELTA =13°55'21.06" (RT)
D =1°52'42.78"
T =372.40
L =741.13
E =22.65
R =3050.00
DB =N 21°31'17.07" W
DA =N 7°35'56.01" W
PC STA 619+03.57
PC Y =311984.542
PC X =581155.474
PISTA 622+75.97
PIY =312330.979
PIX =581018.859
PT STA 626+44.70
PT Y =312700.108
PT X =580969.614

CURVE DATA
DELTA =14°00'00.00" (RT)
D =2°29'28.04"
T =282.40
L =562.00
E =17.27
R =2300.00
DB =N 6°50'28.98" W
DA =N 7°09'31.02" E
PC STA 649+38.13
PC Y =314975.489
PC X =580682.867
PISTA 652+20.53
PIY =315255.883
PIX =580649.227
PT STA 655+00.13
PT Y =315536.086
PT X =580684.419

CURVE DATA
DELTA =23°07'01.65" (RT)
D =4°24'26.52"
T =265.87
L =524.51
E =26.91
R =1300.00
DB =N 7°09'31.02" E
DA =N 30°16'32.66" E
PC STA 655+00.13
PC Y =315536.086
PC X =580684.419
PISTA 657+66.00
PIY =315799.885
PIX =580717.551
PT STA 660+24.64
PT Y =316029.495
PT X =580851.594

CURVE DATA
DELTA =7°03'06.68" (RT)
D =2°12'13.26"
T =160.20
L =320.00
E =4.93
R =2600.00
DB =N 30°16'32.66" E
DA =N 37°19'39.34" E
PC STA 665+48.70
PC Y =316482.081
PC X =581115.807
PISTA 667+08.90
PIY =316620.435
PIX =581196.576
PT STA 668+68.70
PT Y =316747.826
PT X =581293.719

CURVE DATA
DELTA =7°43'41.72" (LT)
D =1°54'35.49"
T =202.63
L =404.65
E =6.84
R =3000.00
DB =N 38°58'40.77" E
DA =N 31°14'59.05" E
PC STA 681+31.23
PC Y =317742.614
PC X =582070.957
PISTA 683+33.87
PIY =317900.138
PIX =582198.417
PT STA 685+35.88
PT Y =318073.371
PT X =582303.537

CURVE DATA
DELTA =5°29'52.83" (LT)
D =1°50'53.70"
T =148.85
L =297.47
E =3.57
R =3100.00
DB =N 31°14'59.05" E
DA =N 25°45'06.22" E
PC STA 689+00.59
PC Y =318385.167
PC X =582492.737
PISTA 690+49.44
PIY =318512.421
PIX =582569.956
PT STA 691+98.07
PT Y =318646.487
PT X =582634.627

CURVE DATA
DELTA =3°32'29.84" (LT)
D =0°28'38.87"
T =371.00
L =741.76
E =5.73
R =12000.00
DB =N 25°45'06.22" E
DA =N 22°12'36.39" E
PC STA 695+37.95
PC Y =318952.615
PC X =582782.297
PISTA 699+08.94
PIY =319286.766
PIX =582943.484
PT STA 702+79.70
PT Y =319630.235
PT X =583083.722

CURVE DATA
DELTA =7°42'40.02" (RT)
D =1°38'13.28"
T =235.88
L =471.06
E =7.94
R =3500.00
DB =N 22°12'36.39" E
DA =N 29°55'16.41" E
PC STA 707+26.33
PC Y =320043.728
PC X =583252.551
PISTA 709+62.21
PIY =320262.105
PIX =583341.714
PT STA 711+97.38
PT Y =320466.544
PT X =583459.372

CURVE DATA
DELTA =0°45'22.21" (LT)
D =0°34'22.65"
T =65.99
L =131.98
E =.22
R =10000.00
DB =N 29°55'16.41" E
DA =N 29°09'54.21" E
PC STA 715+05.50
PC Y =320733.598
PC X =583613.066
PISTA 715+71.49
PIY =320790.791
PIX =583645.982
PT STA 716+37.48
PT Y =320848.414
PT X =583678.141

CURVE DATA
DELTA =4°30'00.00" (RT)
D =1°54'35.49"
T =117.87
L =235.62
E =2.31
R =3000.00
DB =N 29°30'51.12" E
DA =N 34°00'51.12" E
PC STA 734+61.89
PC Y =322441.018
PC X =584568.144
PISTA 735+79.76
PIY =322543.593
PIX =584626.211
PT STA 736+97.51
PT Y =322641.295
PT X =584692.148

CURVE DATA
DELTA =23°24'58.82" (RT)
D =6°56'41.79"
T =170.97
L =337.17
E =17.53
R =825.00
DB =N 34°00'51.12" E
DA =N 57°25'49.94" E
PC STA 736+97.51
PC Y =322641.295
PC X =584692.148
PISTA 738+68.49
PIY =322783.014
PIX =584787.789
PT STA 740+34.68
PT Y =322875.052
PT X =584931.874

CURVE DATA
DELTA =30°40'33.71" (LT)
D =9°32'57.47"
T =164.57
L =321.24
E =22.16
R =600.00
DB =N 56°12'36.45" E
DA =N 25°32'02.74" E
PC STA 744+08.24
PC Y =323077.980
PC X =585245.481
PISTA 745+72.81
PIY =323169.505
PIX =585382.252
PT STA 747+29.48
PT Y =323318.000
PT X =585453.189

CURVE DATA
DELTA =4°21'17.28" (RT)
D =1°54'35.49"
T =114.06
L =228.02
E =2.17
R =3000.00
DB =N 25°32'02.74" E
DA =N 29°53'20.03" E
PC STA 749+10.46
PC Y =323481.303
PC X =585531.200
PISTA 750+24.52
PIY =323584.226
PIX =585580.367
PT STA 751+38.47
PT Y =323683.118
PT X =585637.207

CURVE DATA
DELTA =8°30'00.00" (LT)
D =1°58'32.58"
T =215.51
L =430.22
E =8.00
R =2900.00
DB =N 29°53'20.03" E
DA =N 21°23'20.03" E
PC STA 753+40.48
PC Y =323858.255
PC X =585737.870
PISTA 755+55.98
PIY =324045.098
PIX =585845.261
PT STA 757+70.70
PT Y =324245.763
PT X =585923.856

CURVE DATA
DELTA =16°11'47.73" (LT)
D =5°12'31.35"
T =156.52
L =310.95
E =11.08
R =1100.00
DB =N 21°23'20.03" E
DA =N 5°11'32.30" E
PC STA 757+70.70
PC Y =324245.763
PC X =585923.856
PISTA 759+27.22
PIY =324391.502
PIX =585980.938
PT STA 760+81.65
PT Y =324547.380
PT X =585995.103

CURVE DATA
DELTA =30°54'20.22" (RT)
D =6°56'41.79"
T =228.06
L =445.01
E =30.94
R =825.00
DB =N 5°11'32.30" E
DA =N 36°05'52.52" E
PC STA 762+80.43
PC Y =324745.339
PC X =586013.092
PISTA 765+08.49
PIY =324972.465
PIX =586033.731
PT STA 767+25.44
PT Y =325156.741
PT X =586168.097

CURVE DATA
DELTA =31°32'48.66" (LT)
D =11°48'48.83"
T =137.00
L =267.04
E =18.98
R =485.00
DB =N 36°23'58.34" E
DA =N 4°51'09.68" E
PC STA 784+14.54
PC Y =326277.253
PC X =586998.593
PISTA 782+57.19
PIY =326387.522
PIX =587079.889
PT STA 783+87.23
PT Y =326524.029
PT X =587091.479

CURVE DATA
DELTA =1°43'16.32" (LT)
D =1°07'24.41"
T =76.61
L =153.21
E =.58
R =5100.00
DB =N 4°51'09.68" E
DA =N 3°07'53.36" E
PC STA 784+14.54
PC Y =326551.245
PC X =587093.789
PISTA 784+91.15
PIY =326627.580
PIX =587100.270
PT STA 785+67.75
PT Y =326704.075
PT X =587104.455

CURVE DATA
DELTA =1°54'59.82" (LT)
D =1°38'13.28"
T =58.55
L =117.08
E =.49
R =3500.00
DB =N 3°07'53.36" E
DA =N 1°12'53.54" E
PC STA 786+80.46
PC Y =326816.612
PC X =587110.612
PISTA 787+39.00
PIY =326875.070
PIX =587113.810
PT STA 787+97.53
PT Y =326933.602
PT X =587115.051

CURVE DATA
DELTA =1°48'30.05" (LT)
D =1°25'56.62"
T =63.13
L =126.25
E =.50
R =4000.00
DB =N 1°12'53.54" E
DA =N 0°35'36.51" W
PC STA 794+30.98
PC Y =327566.906
PC X =587128.482
PISTA 794+94.11
PIY =327630.020
PIX =587129.820
PT STA 795+57.23
PT Y =327693.145
PT X =587129.166

CURVE DATA
DELTA =1°17'14.09" (RT)
D =0°45'50.20"
T =84.25
L =168.50
E =.47
R =7500.00
DB =N 0°35'36.51" W
DA =N 0°41'37.59" E
PC STA 797+39.06
PC Y =327874.971
PC X =587127.283
PISTA 798+23.32
PIY =327959.220
PIX =587126.410
PT STA 799+07.56
PT Y =328043.468
PT X =587127.430

CURVE DATA
DELTA =1°28'47.95" (LT)
D =1°08'45.30"
T =64.58
L =129.15
E =.42
R =5000.00
DB =N 0°41'37.59" E
DA =N 0°47'10.37" W
PC STA 802+34.43
PC Y =328370.315
PC X =587131.388
PISTA 802+99.01
PIY =328434.890
PIX =587132.170
PT STA 803+63.59
PT Y =328499.464
PT X =587131.284

CURVE DATA
DELTA =1°08'15.66" (RT)
D =1°08'45.30"
T =49.64
L =99.28
E =.25
R =5000.00
DB =N 0°47'10.37" W
DA =N 0°21'05.29" E
PC STA 804+35.93
PC Y =328571.802
PC X =587130.291
PISTA 804+85.57
PIY =328621.440
PIX =587129.610
PT STA 805+35.21
PT Y =328671.081
PT X =587129.915

CURVE DATA
DELTA =7°00'00.00" (RT)
D =6°56'41.79"
T =50.46
L =100.79
E =1.54
R =825.00
DB =N 0°21'05.29" E
DA =N 7°21'05.29" E
PC STA 818+29.04
PC Y =329964.887
PC X =587137.851
PISTA 818+79.50
PIY =330015.345
PIX =587138.161
PT STA 819+29.84
PT Y =330065.389
PT X =587144.617

CURVE DATA
DELTA =59°01'34.02" (RT)
D =15°16'43.95"
T =212.28
L =386.33
E =55.91
R =375.00
DB =N 7°21'05.29" E
DA =N 66°22'39.31" E
PC STA 819+29.84
PC Y =330065.389
PC X =587144.617
PISTA 821+42.11
PIY =330275.922
PIX =587171.779
PT STA 823+16.16
PT Y =330360.983
PT X =587366.269

CURVE DATA
DELTA =15°23'27.05" (LT)
D =5°35'23.40"
T =138.50
L =275.34
E =9.32
R =1025.00
DB =N 66°22'39.31" E
DA =N 50°59'12.26" E
PC STA 826+44.57
PC Y =330492.579
PC X =587667.159
PISTA 827+83.07
PIY =330548.078
PIX =587794.056
PT STA 829+19.91
PT Y =330635.265
PT X =587901.672

CURVE DATA
DELTA =1°33'10.79" (LT)
D =1°08'45.30"
T =67.77
L =135.52
E =.46
R =5000.00
DB =N 50°59'12.26" E
DA =N 49°26'01.47" E
PC STA 829+74.26
PC Y =330669.481
PC X =587943.905
PISTA 830+42.03
PIY =330712.140
PIX =587996.560
PT STA 831+09.79
PT Y =330756.210
PT X =588048.039

CURVE DATA
DELTA =8°26'31.28" (LT)
D =3°49'10.99"
T =110.71
L =221.01
E =4.08
R =1500.00
DB =N 49°26'01.47" E
DA =N 40°59'30.19" E
PC STA 832+14.53
PC Y =330824.326
PC X =588127.606
PISTA 833+25.23
PIY =330896.322
PIX =588211.705
PT STA 834+35.54
PT Y =330979.883
PT X =588284.322

CURVE DATA
DELTA =6°14'37.77" (RT)
D =1°23'50.85"
T =223.62
L =446.80
E =6.09
R =4100.00
DB =N 40°59'30.19" E
DA =N 47°14'07.96" E
PC STA 835+74.86
PC Y =331085.040
PC X =588375.707
PISTA 837+98.48
PIY =331253.830
PIX =588522.391
PT STA 840+21.65
PT Y =331405.665
PT X =588686.563

CURVE DATA
DELTA =5°49'27.18" (RT)
D =1°32'54.72"
T =188.22
L =376.11
E =4.78
R =3700.00
DB =N 48°19'06.67" E
DA =N 54°08'33.85" E
PC STA 843+04.44
PC Y =331595.348
PC X =588896.282
PISTA 844+92.66
PIY =331720.511
PIX =589036.853
PT STA 846+80.55
PT Y =331830.763
PT X =589189.400

CURVE DATA
DELTA =12°33'05.23" (RT)
D =3°57'05.16"
T =159.46
L =317.64
E =8.74
R =1450.00
DB =N 54°08'33.85" E
DA =N 66°41'39.07" E
PC STA 847+70.77
PC Y =331883.612
PC X =589262.522
PISTA 849+30.23
PIY =331977.018
PIX =589391.761
PT STA 850+88.42
PT Y =332040.107
PT X =589538.210

CURVE DATA
DELTA =2°29'55.29" (LT)
D =0°57'17.75"
T =130.85
L =261.66
E =1.43
R =6000.00
DB =N 66°41'39.07" E
DA =N 64°01'43.78" E
PC STA 853+92.39
PC Y =332160.369
PC X =589817.379
PISTA 855+23.24
PIY =332212.139
PIX =589937.554
PT STA 856+54.05
PT Y =332269.099
PT X =590055.358

CURVE DATA
DELTA =3°18'37.17" (RT)
D =1°54'35.49"
T =86.69
L =173.33
E =1.25
R =3000.00
DB =N 64°01'43.78" E
DA =N 67°30'20.96" E
PC STA 858+43.18
PC Y =332351.428
PC X =590225.628
PISTA 859+29.87
PIY =332389.163
PIX =590303.672
PT STA 860+16.51
PT Y =332422.329
PT X =590383.765

CURVE DATA
DELTA =4°16'43.70" (RT)
D =1°54'35.49"
T =112.07
L =224.04
E =2.09
R =3000.00
DB =N 67°45'08.59" E
DA =N 72°01'52.29" E
PC STA 865+08.81
PC Y =332609.253
PC X =590839.197
PISTA 866+20.88
PIY =332651.684
PIX =590942.925
PT STA 867+32.85
PT Y =332686.258
PT X =591049.530

CURVE DATA
DELTA =1°14'15.87" (LT)
D =0°57'17.75"
T =64.81
L =129.62
E =.35
R =6000.00
DB =N 72°01'52.29" E
DA =N 70°47'36.42" E
PC STA 869+12.29
PC Y =332741.618
PC X =591220.225
PISTA 869+77.11
PIY =332761.612
PIX =591281.875
PT STA 870+41.91
PT Y =332782.933
PT X =591343.078

CURVE DATA
DELTA =4°45'00.00" (LT)
D =0°43'30.95"
T =327.66
L =654.93
E =6.79
R =7900.00
DB =N 70°47'36.42" E
DA =N 66°02'36.42" E
PC STA 873+27.74
PC Y =332876.964
PC X =591613.000
PISTA 876+55.40
PIY =332984.754
PIX =591922.418
PT STA 879+82.68
PT Y =333117.797
PT X =592221.846

CURVE DATA
DELTA =18°09'42.26" (LT)
D =3°41'47.41"
T =247.74
L =491.32
E =19.67
R =1550.00
DB =N 66°02'36.42" E
DA =N 47°52'54.16" E
PC STA 879+82.68
PC Y =333117.797
PC X =592221.846
PISTA 882+30.42
PIY =333218.390
PIX =592448.244
PT STA 884+74.00
PT Y =333384.539
PT X =592632.007

CURVE DATA
DELTA =0°53'20.08" (LT)
D =0°34'22.65"
T =77.57
L =155.14
E =.30
R =10000.00
DB =N 47°52'54.16" E
DA =N 46°59'34.08" E
PC STA 887+68.19
PC Y =333581.844
PC X =592850.229
PISTA 888+45.77
PIY =333633.870
PIX =592907.770
PT STA 889+23.34
PT Y =333686.782
PT X =592964.497

CURVE DATA
DELTA =9°39'53.24" (LT)
D =2°17'30.59"
T =211.35
L =421.71
E =8.92
R =2500.00
DB =N 46°59'34.08" E
DA =N 37°19'40.83" E
PC STA 890+58.51
PC Y =333778.982
PC X =593063.344
PISTA 892+69.86
PIY =333923.144
PIX =593217.901
PT STA 894+80.22
PT Y =334091.209
PT X =593346.061

CURVE DATA
DELTA =9°15'00.00" (RT)
D =1°20'53.29"
T =343.81
L =686.13
E =13.88
R =4250.00
DB =N 37°19'40.83" E
DA =N 46°34'40.83" E
PC STA 898+00.09
PC Y =334345.564
PC X =593540.025
PISTA 901+43.90
PIY =334618.957
PIX =593748.506
PT STA 904+86.22
PT Y =334855.283
PT X =593998.221

CURVE DATA
DELTA =14°20'43.75" (RT)
D =5°12'31.35"
T =138.43
L =275.41
E =8.68
R =1100.00
DB =N 46°34'40.83" E
DA =N 60°55'24.59" E
PC STA 904+86.22
PC Y =334855.283
PC X =593998.221
PISTA 906+24.65
PIY =334950.435
PIX =594098.765
PT STA 907+61.64
PT Y =335017.709
PT X =594219.749

CURVE DATA
DELTA =16°31'29.53" (LT)
D =4°46'28.73"
T =174.26
L =346.10
E =12.59
R =1200.00
DB =N 60°55'24.59" E
DA =N 44°23'55.06" E
PC STA 912+16.36
PC Y =335238.697
PC X =594617.169
PISTA 913+90.62
PIY =335323.383
PIX =594769.466
PT STA 915+62.46
PT Y =335447.888
PT X =594891.384

CURVE DATA
DELTA =10°37'06.85" (RT)
D =3°57'05.16"
T =134.75
L =268.73
E =6.25
R =1450.00
DB =N 44°23'55.06" E
DA =N 55°01'01.91" E
PC STA 917+40.53
PC Y =335575.119
PC X =595015.973
PISTA 918+75.28
PIY =335671.396
PIX =595110.225
PT STA 920+09.26
PT Y =335748.652
PT X =595220.653

CURVE DATA
DELTA =15°52'05.52" (RT)
D =4°58'56.07"
T =160.27
L =318.50
E =11.11
R =1150.00
DB =N 55°01'01.91" E
DA =N 70°53'07.43" E
PC STA 921+59.62
PC Y =335834.857
PC X =595343.845
PISTA 923+19.89
PIY =335926.746
PIX =595475.160
PT STA 924+78.11
PT Y =335979.229
PT X =595626.597

CURVE DATA
DELTA =18°53'39.78" (LT)
D =3°34'51.55"
T =266.23
L =527.63
E =22.00
R =1600.00
DB =N 70°53'07.43" E
DA =N 51°59'27.65" E
PC STA 925+97.65
PC Y =336018.373
PC X =595739.543
PISTA 928+63.88
PIY =336105.553
PIX =595991.097
PT STA 931+25.28
PT Y =336269.495
PT X =596200.865

CURVE DATA
DELTA =1°07'26.09" (LT)
D =0°45'50.20"
T =73.56
L =147.12
E =.36
R =7500.00
DB =N 51°59'27.65" E
DA =N 50°52'01.56" E
PC STA 934+68.84
PC Y =336481.054
PC X =596471.562
PISTA 935+42.40
PIY =336526.353
PIX =596529.522
PT STA 936+15.96
PT Y =336572.780
PT X =596586.584

CURVE DATA
DELTA =6°36'20.70" (RT)
D =2°17'30.59"
T =144.27
L =288.23
E =4.16
R =2500.00
DB =N 51°14'44.26" E
DA =N 57°51'04.96" E
PC STA 945+98.74
PC Y =337191.099
PC X =597350.470
PISTA 947+43.01
PIY =337281.413
PIX =597462.981
PT STA 948+86.97
PT Y =337358.184
PT X =597585.134

CURVE DATA
DELTA =56°06'50.64" (LT)
D =14°19'26.20"
T =213.19
L =391.75
E =53.27
R =400.00
DB =N 57°51'04.96" E
DA =N 1°44'14.32" E
PC STA 952+48.33
PC Y =337550.470
PC X =597891.087
PISTA 954+61.52
PIY =337663.914
PIX =598071.593
PT STA 956+40.08
PT Y =337877.011
PT X =598078.056

CURVE DATA
DELTA =26°57'45.79" (RT)
D =6°44'26.45"
T =203.77
L =400.00
E =24.08
R =850.00
DB =N 1°44'14.32" E
DA =N 28°42'00.11" E
PC STA 957+98.79
PC Y =338035.646
PC X =598082.868
PISTA 960+02.56
PIY =338239.327
PIX =598089.046
PT STA 961+98.79
PT Y =338418.067
PT X =598186.903

CURVE DATA
DELTA =32°31'01.64" (RT)
D =12°03'44.17"
T =138.53
L =269.58
E =19.79
R =475.00
DB =N 28°42'00.11" E
DA =N 61°13'01.76" E
PC STA 962+03.17
PC Y =338414.219
PC X =598184.796
PISTA 963+41.70
PIY =338535.727
PIX =598251.320
PT STA 964+72.75
PT Y =338602.427
PT X =598372.732

CURVE DATA
DELTA =43°19'13.50" (RT)
D =12°11'26.13"
T =186.66
L =355.36
E =35.71
R =470.00
DB =N 61°13'01.76" E
DA =S 75°27'44.75" E
PC STA 965+17.00
PC Y =338623.733
PC X =598411.516
PISTA 967+03.66
PIY =338713.607
PIX =598575.113
PT STA 968+72.36
PT Y =338666.753
PT X =598755.794

CURVE DATA
DELTA =4°07'58.51" (RT)
D =2°51'53.24"
T =72.16
L =144.27
E =1.30
R =2000.00
DB =S 75°27'44.75" E
DA =S 71°19'46.24" E
PC STA 973+19.52
PC Y =338554.510
PC X =599188.635
PISTA 973+91.68
PIY =338536.396
PIX =599258.489
PT STA 974+63.78
PT Y =338513.294
PT X =599326.855

CURVE DATA
DELTA =4°33'24.35" (LT)
D =0°45'50.20"
T =298.40
L =596.48
E =5.93
R =7500.00
DB =S 71°19'46.24" E
DA =S 75°53'10.59" E
PC STA 976+75.37
PC Y =338445.561
PC X =599527.306
PISTA 979+73.77
PIY =338350.037
PIX =599810.000
PT STA 982+71.85
PT Y =338277.273
PT X =600099.389

CURVE DATA
DELTA =17°59'14.24" (LT)
D =3°28'20.90"
T =261.15
L =518.00
E =20.54
R =1650.00
DB =S 75°53'10.59" E
DA =N 86°07'35.17" E
PC STA 984+14.39
PC Y =338242.516
PC X =600237.623
PISTA 986+75.53
PIY =338178.836
PIX =600490.887
PT STA 989+32.38
PT Y =338196.478
PT X =600751.437

CURVE DATA
DELTA =7°24'53.06" (LT)
D =2°51'53.24"
T =129.59
L =258.82
E =4.19
R =2000.00
DB =N 86°58'20.72" E
DA =N 79°33'27.66" E
PC STA 993+60.17
PC Y =338222.228
PC X =601178.452
PISTA 994+89.77
PIY =338229.073
PIX =601307.864
PT STA 996+19.00
PT Y =338252.561
PT X =601435.310

CURVE DATA
DELTA =16°51'20.36" (LT)
D =4°58'56.07"
T =170.39
L =338.31
E =12.55
R =1150.00
DB =N 79°33'27.66" E
DA =N 62°42'07.29" E
PC STA 999+16.97
PC Y =338306.566
PC X =601728.345
PISTA 1000+87.35
PIY =338337.448
PIX =601895.911
PT STA 1002+55.28
PT Y =338415.591
PT X =602047.323

CURVE DATA
DELTA =5°03'38.68" (RT)
D =3°16'26.56"
T =77.34
L =154.57
E =1.71
R =1750.00
DB =N 63°36'15.20" E
DA =N 68°39'53.89" E
PC STA 1009+08.88
PC Y =338710.286
PC X =602630.689
PISTA 1009+86.21
PIY =338744.667
PIX =602699.963
PT STA 1010+63.45
PT Y =338772.804
PT X =602771.999

CURVE DATA
DELTA =13°43'32.36" (LT)
D =4°24'26.52"
T =156.46
L =311.43
E =9.38
R =1300.00
DB =N 68°39'53.89" E
DA =N 54°56'21.52" E
PC STA 1014+43.55
PC Y =338911.094
PC X =603126.056
PISTA 1016+00.02
PIY =338968.018
PIX =603271.795
PT STA 1017+54.98
PT Y =339057.897
PT X =603399.866

CURVE DATA
DELTA =15°33'56.74" (RT)
D =4°35'01.18"
T =170.85
L =339.59
E =11.62
R =1250.00
DB =N 54°56'21.52" E
DA =N 70°30'18.27" E
PC STA 1018+21.26
PC Y =339095.973
PC X =603454.122
PISTA 1019+92.11
PIY =339194.116
PIX =603593.969
PT STA 1021+60.86
PT Y =339251.132
PT X =603755.023

CURVE DATA
DELTA =46°49'27.43" (LT)
D =17°54'17.75"
T =138.56
L =261.52
E =28.71
R =320.00
DB =N 70°30'18.27" E
DA =N 23°40'50.84" E
PC STA 1024+34.95
PC Y =339342.602
PC X =604013.399
PISTA 1025+73.50
PIY =339388.841
PIX =604144.013
PT STA 1026+96.48
PT Y =339515.731
PT X =604199.663

CURVE DATA
DELTA =21°48'26.14" (RT)
D =5°40'22.26"
T =194.56
L =384.41
E =18.57
R =1010.00
DB =N 24°04'32.90" E
DA =N 45°52'59.04" E
PC STA 1035+21.17
PC Y =340269.738
PC X =604533.734
PISTA 1037+15.73
PIY =340447.374
PIX =604613.104
PT STA 1039+05.58
PT Y =340582.813
PT X =604752.784

CURVE DATA
DELTA =1°16'46.87" (RT)
D =0°34'22.65"
T =111.68
L =223.35
E =.62
R =10000.00
DB =N 45°52'59.04" E
DA =N 47°09'45.91" E
PC STA 1040+18.87
PC Y =340661.671
PC X =604834.111
PISTA 1041+30.54
PIY =340739.413
PIX =604914.287
PT STA 1042+42.21
PT Y =340815.345
PT X =604996.179

CURVE DATA
DELTA =16°16'12.83" (RT)
D =6°44'26.45"
T =121.50
L =241.37
E =8.64
R =850.00
DB =N 47°09'45.91" E
DA =N 63°25'58.73" E
PC STA 1043+34.32
PC Y =340877.971
PC X =605063.721
PISTA 1044+55.83
PIY =340960.584
PIX =605152.819
PT STA 1045+75.69
PT Y =341014.926
PT X =605261.494

CURVE DATA
DELTA =6°10'11.08" (LT)
D =3°16'26.56"
T =94.31
L =188.44
E =2.54
R =1750.00
DB =N 63°25'58.73" E
DA =N 57°15'47.65" E
PC STA 1047+03.46
PC Y =341072.067
PC X =605375.766
PISTA 1047+97.77
PIY =341114.248
PIX =605460.121
PT STA 1048+91.90
PT Y =341165.251
PT X =605539.454

CURVE DATA
DELTA =13°11'43.27" (RT)
D =4°05'33.20"
T =161.93
L =322.42
E =9.33
R =1400.00
DB =N 57°15'47.65" E
DA =N 70°27'30.92" E
PC STA 1051+02.92
PC Y =341279.366
PC X =605716.956
PISTA 1052+64.85
PIY =341366.933
PIX =605853.164
PT STA 1054+25.34
PT Y =341421.096
PT X =606005.764

CURVE DATA
DELTA =19°45'00.00" (LT)
D =6°32'53.12"
T =152.32
L =301.61
E =13.16
R =875.00
DB =N 70°27'30.92" E
DA =N 50°42'30.92" E
PC STA 1054+49.69
PC Y =341429.239
PC X =606028.705
PISTA 1056+02.00
PIY =341480.187
PIX =606172.250
PT STA 1057+51.30
PT Y =341576.645
PT X =606290.134

CURVE DATA
DELTA =9°34'04.02" (LT)
D =2°21'45.77"
T =202.95
L =404.95
E =8.48
R =2425.00
DB =N 50°42'30.92" E
DA =N 41°08'26.89" E
PC STA 1057+51.30
PC Y =341576.645
PC X =606290.134
PISTA 1059+54.25
PIY =341705.164
PIX =606447.202
PT STA 1061+56.25
PT Y =341858.002
PT X =606580.723

CURVE DATA
DELTA =14°50'56.96" (RT)
D =3°34'51.55"
T =208.50
L =414.67
E =13.53
R =1600.00
DB =N 41°08'26.89" E
DA =N 55°59'23.86" E
PC STA 1065+39.01
PC Y =342146.258
PC X =606832.546
PISTA 1067+47.51
PIY =342303.280
PIX =606969.722
PT STA 1069+53.68
PT Y =342419.903
PT X =607142.557

CURVE DATA
DELTA =29°39'39.15" (LT)
D =7°26'27.64"
T =203.88
L =398.61
E =26.53
R =770.00
DB =N 55°59'23.86" E
DA =N 26°19'44.71" E
PC STA 1072+04.79
PC Y =342560.361
PC X =607350.716
PISTA 1074+08.67
PIY =342674.399
PIX =607519.721
PT STA 1076+03.41
PT Y =342857.129
PT X =607610.147

CURVE DATA
DELTA =15°00'00.00" (RT)
D =7°38'21.97"
T =98.74
L =196.35
E =6.47
R =750.00
DB =N 26°19'44.71" E
DA =N 41°19'44.71" E
PC STA 1077+73.98
PC Y =343010.006
PC X =607685.800
PISTA 1078+72.72
PIY =343098.502
PIX =607729.593
PT STA 1079+70.33
PT Y =343172.648
PT X =607794.799

CURVE DATA
DELTA =22°02'22.10" (RT)
D =16°22'12.80"
T =68.16
L =134.63
E =6.57
R =350.00
DB =N 41°19'44.71" E
DA =N 63°22'06.81" E
PC STA 1079+70.33
PC Y =343172.648
PC X =607794.799
PISTA 1080+38.49
PIY =343223.830
PIX =607839.810
PT STA 1081+04.96
PT Y =343254.382
PT X =607900.737

CURVE DATA
DELTA =42°00'00.00" (LT)
D =22°55'05.92"
T =95.97
L =183.26
E =17.79
R =250.00
DB =N 63°22'06.81" E
DA =N 21°22'06.81" E
PC STA 1081+67.23
PC Y =343282.294
PC X =607956.400
PISTA 1082+63.19
PIY =343325.311
PIX =608042.185
PT STA 1083+50.49
PT Y =343414.680
PT X =608077.152

CURVE DATA
DELTA =20°00'09.98" (LT)
D =12°03'44.17"
T =83.77
L =165.83
E =7.33
R =475.00
DB =N 21°22'06.81" E
DA =N 1°21'56.83" E
PC STA 1083+50.49
PC Y =343414.680
PC X =608077.152
PISTA 1084+34.26
PIY =343492.689
PIX =608107.673
PT STA 1085+16.32
PT Y =343576.432
PT X =608109.670

CURVE DATA
DELTA =36°14'52.14" (RT)
D =15°16'43.95"
T =122.74
L =237.24
E =19.58
R =375.00
DB =N 1°21'56.83" E
DA =N 37°36'48.97" E
PC STA 1089+09.05
PC Y =343969.055
PC X =608119.031
PISTA 1090+31.79
PIY =344091.763
PIX =608121.957
PT STA 1091+46.29
PT Y =344188.992
PT X =608196.870

CURVE DATA
DELTA =60°25'08.20" (LT)
D =21°13'14.37"
T =157.20
L =284.72
E =42.43
R =270.00
DB =N 37°36'48.97" E
DA =N 22°48'19.23" W
PC STA 1094+56.75
PC Y =344434.917
PC X =608386.351
PISTA 1096+13.95
PIY =344559.445
PIX =608482.298
PT STA 1097+41.47
PT Y =344704.360
PT X =608421.365

CURVE DATA
DELTA =32°44'08.86" (RT)
D =7°54'10.32"
T =212.94
L =414.23
E =30.62
R =725.00
DB =N 22°48'19.23" W
DA =N 9°55'49.63" E
PC STA 1098+28.18
PC Y =344784.293
PC X =608387.756
PISTA 1100+41.12
PIY =344980.585
PIX =608305.221
PT STA 1102+42.41
PT Y =345190.332
PT X =608341.942

CURVE DATA
DELTA =36°58'32.99" (LT)
D =25°27'53.25"
T =75.23
L =145.20
E =12.24
R =225.00
DB =N 9°55'49.63" E
DA =N 27°02'43.36" W
PC STA 1105+41.09
PC Y =345484.545
PC X =608393.452
PISTA 1106+16.32
PIY =345558.650
PIX =608406.426
PT STA 1106+86.30
PT Y =345625.654
PT X =608372.218

CURVE DATA
DELTA =11°36'43.30" (RT)
D =5°43'46.48"
T =101.68
L =202.67
E =5.16
R =1000.00
DB =N 27°02'43.36" W
DA =N 15°26'00.06" W
PC STA 1107+60.94
PC Y =345692.130
PC X =608338.281
PISTA 1108+62.62
PIY =345782.693
PIX =608292.046
PT STA 1109+63.60
PT Y =345880.709
PT X =608264.987

CURVE DATA
DELTA =11°00'00.00" (LT)
D =8°29'17.75"
T =65.00
L =129.59
E =3.12
R =675.00
DB =N 15°26'00.06" W
DA =N 26°26'00.06" W
PC STA 1110+63.82
PC Y =345977.315
PC X =608238.316
PISTA 1111+28.82
PIY =346039.966
PIX =608221.020
PT STA 1111+93.41
PT Y =346098.166
PT X =608192.087

CURVE DATA
DELTA =29°32'06.79" (LT)
D =28°38'52.40"
T =52.72
L =103.10
E =6.83
R =200.00
DB =N 26°26'00.06" W
DA =N 55°58'06.85" W
PC STA 1111+93.41
PC Y =346098.166
PC X =608192.087
PISTA 1112+46.14
PIY =346145.376
PIX =608168.618
PT STA 1112+96.51
PT Y =346174.881
PT X =608124.926

CURVE DATA
DELTA =65°18'31.46" (RT)
D =24°54'40.35"
T =147.40
L =262.17
E =43.18
R =230.00
DB =N 55°58'06.85" W
DA =N 9°20'24.61" E
PC STA 1113+68.10
PC Y =346214.948
PC X =608065.595
PISTA 1115+15.50
PIY =346297.440
PIX =607943.441
PT STA 1116+30.27
PT Y =346442.884
PT X =607967.363

CURVE DATA
DELTA =29°00'00.00" (LT)
D =14°19'26.20"
T =103.45
L =202.46
E =13.16
R =400.00
DB =N 9°20'24.61" E
DA =N 19°39'35.39" W
PC STA 1117+39.05
PC Y =346550.218
PC X =607985.017
PISTA 1118+42.49
PIY =346652.293
PIX =608001.806
PT STA 1119+41.50
PT Y =346749.710
PT X =607967.002

CURVE DATA
DELTA =31°37'13.16" (LT)
D =16°22'12.80"
T =99.11
L =193.16
E =13.76
R =350.00
DB =N 19°39'35.39" W
DA =N 51°16'48.54" W
PC STA 1119+41.50
PC Y =346749.710
PC X =607967.002
PISTA 1120+40.61
PIY =346843.040
PIX =607933.659
PT STA 1121+34.66
PT Y =346905.033
PT X =607856.335

CURVE DATA
DELTA =34°25'30.97" (RT)
D =16°22'12.80"
T =108.43
L =210.29
E =16.41
R =350.00
DB =N 51°16'48.54" W
DA =N 16°51'17.58" W
PC STA 1122+54.76
PC Y =346980.155
PC X =607762.633
PISTA 1123+63.19
PIY =347047.978
PIX =607678.036
PT STA 1124+65.05
PT Y =347151.748
PT X =607646.597

CURVE DATA
DELTA =58°04'30.38" (LT)
D =30°58'14.49"
T =102.71
L =187.52
E =26.60
R =185.00
DB =N 16°51'17.58" W
DA =N 74°55'47.96" W
PC STA 1126+10.30
PC Y =347290.756
PC X =607604.483
PISTA 1127+13.01
PIY =347389.050
PIX =607574.704
PT STA 1127+97.82
PT Y =347415.753
PT X =607475.530

CURVE DATA
DELTA =27°14'47.89" (RT)
D =10°54'48.53"
T =127.24
L =249.66
E =15.20
R =525.00
DB =N 74°55'47.96" W
DA =N 47°41'00.07" W
PC STA 1129+69.76
PC Y =347460.459
PC X =607309.497
PISTA 1130+97.00
PIY =347493.541
PIX =607186.635
PT STA 1132+19.42
PT Y =347579.200
PT X =607092.552

CURVE DATA
DELTA =10°37'44.94" (LT)
D =7°38'21.97"
T =69.77
L =139.14
E =3.24
R =750.00
DB =N 47°41'00.07" W
DA =N 58°18'45.01" W
PC STA 1132+69.16
PC Y =347612.687
PC X =607055.772
PISTA 1133+38.93
PIY =347659.657
PIX =607004.183
PT STA 1134+08.30
PT Y =347696.305
PT X =606944.816

CURVE DATA
DELTA =24°10'39.55" (RT)
D =10°54'48.53"
T =112.44
L =221.54
E =11.91
R =525.00
DB =N 58°18'45.01" W
DA =N 34°08'05.47" W
PC STA 1134+66.74
PC Y =347727.005
PC X =606895.084
PISTA 1135+79.19
PIY =347786.069
PIX =606799.404
PT STA 1138+88.28
PT Y =347879.141
PT X =606736.307

CURVE DATA
DELTA =30°10'10.33" (LT)
D =25°27'53.25"
T =60.65
L =118.48
E =8.03
R =225.00
DB =N 34°08'05.47" W
DA =N 64°18'15.79" W
PC STA 1137+63.44
PC Y =347941.353
PC X =606694.131
PISTA 1138+24.09
PIY =347991.551
PIX =606660.100
PT STA 1138+81.92
PT Y =348017.846
PT X =606605.452

CURVE DATA
DELTA =32°00'00.00" (RT)
D =16°22'12.80"
T =100.36
L =195.48
E =14.10
R =350.00
DB =N 32°18'15.79" W
DA =N 32°18'15.79" W
PC STA 1139+44.46
PC Y =348044.965
PC X =606549.092
PISTA 1140+44.82
PIY =348088.480
PIX =606458.656
PT STA 1141+39.94
PT Y =348173.308
PT X =606405.021

CURVE DATA
DELTA =34°44'08.57" (RT)
D =28°38'52.40"
T =62.55
L =121.25
E =9.55
R =200.00
DB =N 32°18'15.79" W
DA =N 2°25'52.78" E
PC STA 1141+39.94
PC Y =348173.308
PC X =606405.021
PISTA 1142+02.49
PIY =348226.179
PIX =606371.592
PT STA 1142+61.19
PT Y =348288.675
PT X =606374.245

CURVE DATA
DELTA =42°32'07.34" (LT)
D =32°44'25.60"
T =68.12
L =129.92
E =12.79
R =175.00
DB =N 2°25'52.78" E
DA =N 40°06'14.56" W
PC STA 1143+35.68
PC Y =348363.102
PC X =606377.405
PISTA 1144+03.80
PIY =348431.157
PIX =606380.295
PT STA 1144+65.60
PT Y =348483.257
PT X =606336.416

CURVE DATA
DELTA =13°03'55.21" (RT)
D =13°28'52.90"
T =48.67
L =96.91
E =2.78
R =425.00
DB =N 40°06'14.56" W
DA =N 27°02'19.36" W
PC STA 1145+42.85
PC Y =348542.346
PC X =606286.652
PISTA 1145+91.52
PIY =348579.571
PIX =606255.301
PT STA 1146+39.77
PT Y =348622.919
PT X =606233.177

CURVE DATA
DELTA =23°51'24.39" (LT)
D =10°54'48.53"
T =110.91
L =218.60
E =11.59
R =525.00
DB =N 27°02'19.36" W
DA =N 50°53'43.75" W
PC STA 1146+98.36
PC Y =348675.104
PC X =606206.543
PISTA 1148+09.26
PIY =348773.888
PIX =606156.126
PT STA 1149+16.96
PT Y =348843.841
PT X =606070.063

CURVE DATA
DELTA =9°05'16.03" (RT)
D =4°05'33.20"
T =111.26
L =222.06
E =4.41
R =1400.00
DB =N 50°53'43.75" W
DA =N 41°48'27.72" W
PC STA 1150+45.60
PC Y =348924.981
PC X =605970.236
PISTA 1151+56.86
PIY =348995.158
PIX =605883.897
PT STA 1152+67.66
PT Y =349078.091
PT X =605809.727

CURVE DATA
DELTA =8°00'00.00" (RT)
D =5°27'24.27"
T =73.42
L =146.61
E =2.56
R =1050.00
DB =N 41°48'27.72" W
DA =N 33°48'27.72" W
PC STA 1154+17.56
PC Y =349189.825
PC X =605709.798
PISTA 1154+90.98
PIY =349244.554
PIX =605660.852
PT STA 1155+64.16
PT Y =349305.562
PT X =605619.998

CURVE DATA
DELTA =30°47'52.83" (RT)
D =13°28'52.90"
T =117.06
L =228.45
E =15.83
R =425.00
DB =N 33°48'27.72" W
DA =N 3°00'34.89" W
PC STA 1155+64.16
PC Y =349305.562
PC X =605619.998
PISTA 1156+81.22
PIY =349402.825
PIX =605554.867
PT STA 1157+92.61
PT Y =349519.720
PT X =605548.721

CURVE DATA
DELTA =50°25'49.78" (LT)
D =15°41'50.91"
T =171.87
L =321.27
E =38.44
R =365.00
DB =N 53°26'24.67" W
DA =N 53°26'24.67" W
PC STA 1160+11.46
PC Y =349738.264
PC X =605537.231
PISTA 1161+83.33
PIY =349909.902
PIX =605528.207
PT STA 1163+32.72
PT Y =350012.281
PT X =605390.151

CURVE DATA
DELTA =11°35'58.69" (RT)
D =5°43'46.48"
T =101.57
L =202.45
E =5.15
R =1000.00
DB =N 53°26'24.67" W
DA =N 41°50'25.98" W
PC STA 1166+51.20
PC Y =350201.983
PC X =605134.343
PISTA 1167+52.77
PIY =350262.486
PIX =605052.755
PT STA 1168+53.65
PT Y =350338.158
PT X =604985.000

CURVE DATA
DELTA =1°32'37.33" (RT)
D =1°08'45.30"
T =67.36
L =134.71
E =.45
R =5000.00
DB =N 41°50'25.98" W
DA =N 40°17'48.65" W
PC STA 1170+76.52
PC Y =350504.196
PC X =604836.334
PISTA 1171+43.88
PIY =350554.380
PIX =604791.400
PT STA 1172+11.23
PT Y =350605.756
PT X =604747.835

CURVE DATA
DELTA =12°57'49.28" (RT)
D =4°46'28.73"
T =136.34
L =271.51
E =7.72
R =1200.00
DB =N 40°17'48.65" W
DA =N 27°19'59.37" W
PC STA 1176+66.71
PC Y =350953.156
PC X =604453.251
PISTA 1178+03.05
PIY =351057.141
PIX =604365.075
PT STA 1179+38.22
PT Y =351178.257
PT X =604302.474

CURVE DATA
DELTA =1°20'11.14" (RT)
D =0°34'22.65"
T =116.63
L =233.25
E =.68
R =10000.00
DB =N 27°19'59.37" W
DA =N 25°59'48.23" W
PC STA 1192+18.95
PC Y =352315.992
PC X =603714.411
PISTA 1193+35.58
PIY =352419.601
PIX =603660.859
PT STA 1194+52.20
PT Y =352524.431
PT X =603609.737

CURVE DATA
DELTA =7°39'18.30" (LT)
D =1°54'54.87" (LT)
D =0°45'50.20"
T =125.36
L =250.70
E =1.05
R =7500.00
DB =N 25°59'48.23" W
DA =N 33°39'06.53" W
PC STA 1211+56.64
PC Y =354056.413
PC X =602862.647
PISTA 1213+57.35
PIY =354236.814
PIX =602774.673
PT STA 1215+57.46
PT Y =354403.887
PT X =602663.451

CURVE DATA
DELTA =1°54'54.87" (LT)
D =0°45'50.20"
T =125.36
L =250.70
E =1.05
R =7500.00
DB =N 33°39'06.53" W
DA =N 35°34'01.40" W
PC STA 1219+02.09
PC Y =354690.760
PC X =602472.479
PISTA 1220+27.45
PIY =354795.116
PIX =602403.010
PT STA 1221+52.79
PT Y =354897.092
PT X =602330.091

CURVE DATA
DELTA =2°54'34.11" (RT)
D =2°17'30.59"
T =63.49
L =126.95
E =.81
R =2500.00
DB =N 35°05'23.31" W
DA =N 32°10'49.21" W
PC STA 1243+72.68
PC Y =356708.930
PC X =601047.488
PISTA 1244+36.17
PIY =356760.879
PIX =601010.991
PT STA 1244+99.63
PT Y =356814.615
PT X =600977.178

CURVE DATA
DELTA =6°00'00.00" (RT)
D =2°17'30.59"
T =131.02
L =261.80
E =3.43
R =2500.00
DB =N 32°10'49.21" W
DA =N 26°10'49.21" W
PC STA 1253+94.64
PC Y =357572.126
PC X =600500.511
PISTA 1255+25.65
PIY =357683.017
PIX =600430.732
PT STA 1256+56.43
PT Y =357800.596
PT X =600372.926

CURVE DATA
DELTA =26°01'20.51" (RT)
D =8°48'53.05"
T =150.20
L =295.21
E =17.13
R =650.00
DB =N 26°10'49.21" W
DA =N 0°09'28.69" W
PC STA 1256+56.43
PC Y =357800.596
PC X =600372.926
PISTA 1258+06.63
PIY =357935.385
PIX =600306.659
PT STA 1259+51.65
PT Y =358085.582
PT X =600306.245

CURVE DATA
DELTA =89°52'07.53" (RT)
D =40°55'32.00"
T =139.68
L =219.59
E =57.76
R =140.00
DB =N 0°09'28.69" W
DA =N 89°42'38.84" E
PC STA 1265+83.51
PC Y =358717.443
PC X =600304.503
PISTA 1267+23.19
PIY =358857.122
PIX =600304.118
PT STA 1268+03.10
PT Y =358857.827
PT X =600443.796

CURVE DATA
DELTA =0°47'16.32" (RT)
D =1°08'45.30"
T =34.38
L =68.75
E =.12
R =5000.00
DB =N 89°58'26.22" E
DA =S 89°14'17.46" E
PC STA 1288+31.67
PC Y =358861.846
PC X =602472.354
PISTA 1288+66.05
PIY =358861.861
PIX =602506.732
PT STA 1289+00.42
PT Y =358861.404
PT X =602541.107

CURVE DATA
DELTA =2°14'32.16" (LT)
D =0°34'22.65"
T =195.70
L =391.35
E =1.91
R =10000.00
DB =S 89°14'17.46" E
DA =N 88°31'10.38" E
PC STA 1308+68.89
PC Y =358835.232
PC X =604509.398
PISTA 1310+64.59
PIY =358832.630
PIX =604705.080
PT STA 1312+60.24
PT Y =358837.686
PT X =604900.714

CURVE DATA
DELTA =9°01'00.51" (LT)
D =4°05'33.20"
T =110.39
L =220.32
E =4.35
R =1400.00
DB =N 5°01'40.99" W
DA =N 14°02'41.50" W
PC STA 1330+91.11
PC Y =359129.668
PC X =606456.789
PISTA 1332+01.50
PIY =359239.632
PIX =606447.114
PT STA 1333+11.43
PT Y =359346.721
PT X =606420.325

CURVE DATA
DELTA =16°52'19.74" (RT)
D =10°25'02.69"
T =81.57
L =161.96
E =6.02
R =550.00
DB =N 14°02'41.50" W
DA =N 2°49'38.24" E
PC STA 1334+51.36
PC Y =359482.470
PC X =606386.366
PISTA 1335+32.93
PIY =359561.602
PIX =606366.570
PT STA 1336+13.32
PT Y =359643.074
PT X =606370.594

CURVE DATA
DELTA =4°31'35.89" (RT)
D =1°54'35.49"
T =118.57
L =237.01
E =2.34
R =3000.00
DB =N 2°49'38.24" E
DA =N 7°21'14.13" E
PC STA 1338+15.87
PC Y =359845.375
PC X =606380.585
PISTA 1339+34.44
PIY =359963.800
PIX =606386.433
PT STA 1340+52.89
PT Y =360081.393
PT X =606401.610

CURVE DATA
DELTA =4°00'00.00" (LT)
D =4°24'26.52"
T =45.40
L =90.76
E =.79
R =1300.00
DB =N 7°21'14.13" E
DA =N 3°21'14.13" E
PC STA 1344+54.06
PC Y =360479.267
PC X =606452.959
PISTA 1344+99.46
PIY =360524.290
PIX =606458.770
PT STA 1345+44.82
PT Y =360569.609
PT X =606461.426

CURVE DATA
DELTA =35°26'45.68" (LT)
D =16°08'22.76"
T =113.45
L =219.62
E =17.69
R =355.00
DB =N 3°21'14.13" E
DA =N 32°05'31.55" W
PC STA 1345+44.82
PC Y =360569.609
PC X =606461.426
PISTA 1346+58.27
PIY =360682.867
PIX =606468.063
PT STA 1347+64.44
PT Y =360778.983
PT X =606407.788

CURVE DATA
DELTA =9°22'25.67" (RT)
D =1°54'35.49"
T =245.95
L =490.81
E =10.07
R =3000.00
DB =N 31°35'34.61" W
DA =N 22°13'08.94" W
PC STA 1375+44.97
PC Y =363134.096
PC X =604929.773
PISTA 1377+90.93
PIY =363343.598
PIX =604800.922
PT STA 1380+35.78
PT Y =363571.288
PT X =604707.914

CURVE DATA
DELTA =2°30'00.00" (RT)
D =0°46'27.36"
T =161.47
L =322.89
E =1.76
R =7400.00
DB =N 22°13'08.94" W
DA =N 19°43'08.94" W
PC STA 1387+03.45
PC Y =364189.374
PC X =604455.437
PISTA 1388+64.92
PIY =364338.852
PIX =604394.378
PT STA 1390+26.33
PT Y =364490.852
PT X =604339.897

CURVE DATA
DELTA =21°30'30.57" (RT)
D =2°32'47.32"
T =427.35
L =844.64
E =40.22
R =2250.00
DB =N 19°43'08.94" W
DA =N 1°47'21.63" E
PC STA 1390+26.33
PC Y =364490.852
PC X =604339.897
PISTA 1394+53.68
PIY =364893.140
PIX =604195.705
PT STA 1398+70.97
PT Y =365320.280
PT X =604209.049

CURVE DATA
DELTA =1°36'58.25" (LT)
D =1°08'45.30"
T =70.52
L =141.04
E =.50
R =5000.00
DB =N 1°47'21.63" E
DA =N 0°10'23.38" E
PC STA 1400+34.00
PC Y =365483.233
PC X =604214.140
PISTA 1401+04.53
PIY =365553.723
PIX =604216.342
PT STA 1401+75.04
PT Y =365624.246
PT X =604216.555

CURVE DATA
DELTA =3°00'00.00" (LT)
D =0°28'38.87"
T =314.23
L =628.32
E =4.11
R =12000.00
DB =N 0°49'54.75" E
DA =N 2°10'05.25" W
PC STA 1419+53.62
PC Y =367402.720
PC X =604232.835
PISTA 1422+67.85
PIY =367716.918
PIX =604237.398
PT STA 1425+81.94
PT Y =368030.924
PT X =604225.510

CURVE DATA
DELTA =5°43'53.83" (LT)
D =1°38'13.28"
T =175.21
L =350.12
E =4.38
R =3500.00
DB =N 2°10'05.25" W
DA =N 7°53'59.08" W
PC STA 1425+81.94
PC Y =368030.924
PC X =604225.510
PISTA 1427+57.14
PIY =368206.007
PIX =604218.881
PT STA 1429+32.06
PT Y =368379.553
PT X =604194.801

CURVE DATA
DELTA =19°10'37.84" (RT)
D =9°32'57.47"
T =101.36
L =200.82
E =8.50
R =600.00
DB =N 7°53'59.08" W
DA =N 11°16'38.76" E
PC STA 1438+18.55
PC Y =369257.633
PC X =604072.961
PISTA 1439+19.91
PIY =369358.030
PIX =604059.030
PT STA 1440+19.38
PT Y =369457.433
PT X =604078.852

CURVE DATA
DELTA =3°00'00.00" (LT)
D =0°45'50.20"
T =196.39
L =392.70
E =2.57
R =7500.00
DB =N 11°16'38.76" E
DA =N 8°16'38.76" E
PC STA 1442+80.02
PC Y =369713.045
PC X =604129.824
PISTA 1444+76.42
PIY =369905.648
PIX =604168.230
PT STA 1446+72.72
PT Y =370099.996
PT X =604196.505

CURVE DATA
DELTA =6°05'25.06" (LT)
D =3°16'26.56"
T =93.10
L =186.02
E =2.47
R =1750.00
DB =N 8°16'38.76" E
DA =N 2°11'13.69" E
PC STA 1446+72.72
PC Y =370099.996
PC X =604196.505
PISTA 1447+65.82
PIY =370192.123
PIX =604209.907
PT STA 1448+58.74
PT Y =370285.151
PT X =604213.460

CURVE DATA
DELTA =1°45'25.69" (LT)
D =0°28'38.87"
T =184.02
L =368.01
E =1.41
R =12000.00
DB =N 2°11'13.69" E
DA =N 0°25'48.01" E
PC STA 1451+19.02
PC Y =370545.241
PC X =604223.393
PISTA 1453+03.04
PIY =370729.128
PIX =604230.416
PT STA 1454+87.03
PT Y =370913.144
PT X =604231.797

CURVE DATA
DELTA =3°30'00.00" (RT)
D =1°54'35.49"
T =91.66
L =183.26
E =1.40
R =3000.00
DB =N 0°25'48.01" E
DA =N 3°55'48.01" E
PC STA 1468+74.07
PC Y =372300.148
PC X =604242.207
PISTA 1469+65.73
PIY =372391.804
PIX =604242.895
PT STA 1470+57.33
PT Y =372483.247
PT X =604249.177

CURVE DATA
DELTA =17°14'20.01" (RT)
D =6°44'26.45"
T =128.85
L =255.74
E =9.71
R =8500.00
DB =N 3°55'48.01" E
DA =N 21°10'08.01" E
PC STA 1470+57.33
PC Y =372483.247
PC X =604249.177
PISTA 1471+86.18
PIY =372611.789
PIX =604258.008
PT STA 1473+13.08
PT Y =372731.940
PT X =604304.536

CURVE DATA
DELTA =1°10'07.69" (RT)
D =0°34'22.65"
T =102.00
L =203.99
E =.52
R =10000.00
DB =N 21°10'08.01" E
DA =N 22°20'15.70" E
PC STA 1476+23.85
PC Y =373021.743
PC X =604416.762
PISTA 1477+25.85
PIY =373116.860
PIX =604453.596
PT STA 1478+27.85
PT Y =373211.207
PT X =604492.363

CURVE DATA
DELTA =3°18'59.27" (LT)
D =1°08'45.30"
T =144.75
L =289.42
E =2.09
R =5000.00
DB =N 22°20'15.70" E
DA =N 19°01'16.43" E
PC STA 1478+46.82
PC Y =373228.757
PC X =604499.575
PISTA 1479+91.57
PIY =373362.644
PIX =604554.589
PT STA 1481+36.24
PT Y =373499.489
PT X =604601.765

CURVE DATA
DELTA =2°47'44.99" (RT)
D =1°08'45.30"
T =122.02
L =243.98
E =1.49
R =5000.00
DB =N 19°01'16.43" E
DA =N 21°49'01.42" E
PC STA 1483+57.54
PC Y =373708.711
PC X =604673.893
PISTA 1484+79.56
PIY =373824.064
PIX =604713.660
PT STA 1486+01.52
PT Y =373937.340
PT X =604759.006

CURVE DATA
DELTA =29°44'33.96" (LT)
D =8°11'06.40"
T =185.88
L =363.38
E =24.26
R =700.00
DB =N 21°49'01.42" E
DA =N 7°55'32.53" W
PC STA 1487+19.33
PC Y =374046.707
PC X =604802.787
PISTA 1489+05.21
PIY =374219.275
PIX =604871.869
PT STA 1490+82.71
PT Y =374403.380
PT X =604846.238

CURVE DATA
DELTA =51°30'37.96" (LT)
D =16°22'12.80"
T =168.86
L =314.66
E =38.60
R =350.00
DB =N 7°55'32.53" W
DA =N 59°26'10.49" W
PC STA 1492+51.45
PC Y =374570.510
PC X =604822.970
PISTA 1494+20.31
PIY =374737.757
PIX =604799.687
PT STA 1495+66.11
PT Y =374823.621
PT X =604654.288

CURVE DATA
DELTA =30°00'00.00" (RT)
D =12°43'56.62"
T =120.58
L =235.62
E =15.87
R =450.00
DB =N 59°26'10.49" W
DA =N 29°26'10.49" W
PC STA 1496+87.32
PC Y =374885.258
PC X =604549.914
PISTA 1498+07.90
PIY =374946.571
PIX =604446.090
PT STA 1499+22.94
PT Y =375051.582
PT X =604386.831

CURVE DATA
DELTA =6°53'41.86" (RT)
D =4°24'26.52"
T =78.32
L =156.44
E =2.36
R =1300.00
DB =N 29°26'10.49" W
DA =N 22°32'28.64" W
PC STA 1499+22.94
PC Y =375051.582
PC X =604386.831
PISTA 1500+01.26
PIY =375119.787
PIX =604348.343
PT STA 1500+79.38
PT Y =375192.120
PT X =604318.321

CURVE DATA
DELTA =5°30'00.00" (RT)
D =1°02'30.27"
T =264.18
L =527.96
E =6.34
R =5500.00
DB =N 22°32'28.64" W
DA =N 17°02'28.64" W
PC STA 1501+86.79
PC Y =375291.321
PC X =604277.147
PISTA 1504+50.97
PIY =375535.322
PIX =604175.872
PT STA 1507+14.75
PT Y =375787.906
PT X =604098.450

CURVE DATA
DELTA =9°55'10.90" (RT)
D =2°17'30.59"
T =216.96
L =432.83
E =9.40
R =2500.00
DB =N 17°02'28.64" W
DA =N 7°07'17.74" W
PC STA 1507+14.75
PC Y =375787.906
PC X =604098.450
PISTA 1509+31.71
PIY =375995.337
PIX =604034.869
PT STA 1511+47.58
PT Y =376210.620
PT X =604007.971

CURVE DATA
DELTA =56°57'13.10" (LT)
D =10°25'02.69"
T =298.34
L =546.72
E =75.70
R =550.00
DB =N 7°07'17.74" W
DA =N 64°04'30.84" W
PC STA 1512+83.73
PC Y =376345.717
PC X =603991.092
PISTA 1515+82.06
PIY =376641.753
PIX =603954.106
PT STA 1518+30.44
PT Y =376772.184
PT X =603685.790

CURVE DATA
DELTA =44°30'00.00" (RT)
D =13°28'52.90"
T =173.87
L =330.09
E =34.19
R =425.00
DB =N 64°04'30.84" W
DA =N 19°34'30.84" W
PC STA 1519+86.39
PC Y =376840.363
PC X =603545.535
PISTA 1521+60.26
PIY =376916.378
PIX =603389.160
PT STA 1523+16.48
PT Y =377080.201
PT X =603330.905

CURVE DATA
DELTA =15°28'37.72" (RT)
D =3°57'05.16"
T =197.04
L =391.68
E =13.33
R =1450.00
DB =N 19°34'30.84" W
DA =N 4°05'53.12" W
PC STA 1523+16.48
PC Y =377080.201
PC X =603330.905
PISTA 1525+13.52
PIY =377265.854
PIX =603264.887
PT STA 1527+08.16
PT Y =377462.392
PT X =603250.806

CURVE DATA
DELTA =19°09'05.37" (LT)
D =5°12'31.35"
T =185.57
L =367.68
E =15.54
R =1100.00
DB =N 4°05'53.12" W
DA =N 23°14'58.50" W
PC STA 1531+18.25
PC Y =377871.429
PC X =603221.500
PISTA 1533+03.82
PIY =378056.526
PIX =603208.238
PT STA 1534+85.93
PT Y =378227.029
PT X =603134.986

CURVE DATA
DELTA =21°55'20.02" (RT)
D =5°12'31.35"
T =213.04
L =420.88
E =20.44
R =1100.00
DB =N 23°14'58.50" W
DA =N 1°19'38.47" W
PC STA 1539+13.17
PC Y =378619.576
PC X =602966.337
PISTA 1541+26.21
PIY =378815.320
PIX =602882.241
PT STA 1543+34.05
PT Y =379028.306
PT X =602877.306

CURVE DATA
DELTA =8°00'00.00" (LT)
D =4°05'33.20"
T =97.90
L =195.48
E =3.42
R =1400.00
DB =N 1°19'38.47" W
DA =N 9°19'38.47" W
PC STA 1552+03.64
PC Y =379897.665
PC X =602857.162
PISTA 1553+01.54
PIY =379995.536
PIX =602854.894
PT STA 1553+99.12
PT Y =380092.139
PT X =602839.028

CURVE DATA
DELTA =58°16'19.24" (LT)
D =16°22'12.80"
T =195.10
L =355.96
E =50.70
R =350.00
DB =N 9°19'38.47" W
DA =N 67°35'57.71" W
PC STA 1553+99.12
PC Y =380092.139
PC X =602839.028
PISTA 1555+94.21
PIY =380284.655
PIX =602807.408
PT STA 1557+55.08
PT Y =380359.003
PT X =602627.033

CURVE DATA
DELTA =5°18'56.56" (RT)
D =2°51'53.24"
T =92.84
L =185.55
E =2.15
R =2000.00
DB =N 67°35'57.71" W
DA =N 62°17'01.16" W
PC STA 1559+81.16
PC Y =380445.159
PC X =602418.010
PISTA 1560+74.01
PIY =380480.539
PIX =602332.172
PT STA 1561+66.72
PT Y =380523.720
PT X =602249.982

CURVE DATA
DELTA =1°44'37.99" (LT)
D =1°08'45.30"
T =76.10
L =152.18
E =.58
R =5000.00
DB =N 62°17'01.16" W
DA =N 64°01'39.14" W
PC STA 1564+38.01
PC Y =380649.898
PC X =602009.816
PISTA 1565+14.11
PIY =380685.290
PIX =601942.450
PT STA 1565+90.19
PT Y =380718.616
PT X =601874.038

3

CLEARING AND GRUBBING			
STATION - STATION	LOCATION	201.0110	201.0210
		CLEARING SY	GRUBBING SY
STH 88			
584+14	LT	170	170
980+08	LT & RT	206	206
1006+88	LT	30	30
1014+28	LT & RT	340	340
1056+74	LT	70	70
1056+83	LT	70	70
1334+46	RT	105	105
1416+73	LT	149	149
ITEM TOTALS		1140	1140

REMOVING						
STATION - STATION	LOCATION	203.0100	203.0200.01	203.0200.02	203.0200.03	REMARKS
		SMALL PIPE CULVERTS EACH	OLD STRUCTURE (1014+28) LS	OLD STRUCTURE (1056+74) LS	OLD STRUCTURE (1056+83) LS	
571+00	STH 88	1				24-inch
584+14	STH 88	1				24-inch
620+15	STH 88	1				24-inch
689+80	STH 88	1				24-inch
697+38	STH 88	1				24-inch
852+64	STH 88	1				24-inch
861+42	STH 88	1				24-inch
893+05	STH 88	1				24-inch
914+17	STH 88	1				24-inch
980+08	STH 88	1				18-inch
1005+50	STH 88	1				24-inch
1006+88	STH 88	1				15-inch
1014+28	STH 88		1			60-inch
1056+74	STH 88			1		60-inch
1056+83	STH 88				1	72-inch
1227+32	STH 88	1				18-inch
1306+79	STH 88	1				18-inch
1334+46	STH 88	1				24-inch
1416+73	STH 88	1				30-inch
1423+92	STH 88	1				18-inch
1432+26	STH 88	1				36-inch
1477+37	STH 88	1				30-inch
1482+88	STH 88	1				24-inch
ITEM TOTALS		20	1	1	1	

REMOVING ASPHALTIC SURFACE		
STATION	LOCATION	204.0110 SY
570+88 - 571+12	STH 88	64
584+02 - 584+26	STH 88	64
620+03 - 620+27	STH 88	64
689+72 - 689+88	STH 88	43
697+30 - 697+46	STH 88	55
852+56 - 852+72	STH 88	40
861+34 - 861+50	STH 88	40
892+97 - 893+13	STH 88	40
914+07 - 914+27	STH 88	49
979+97 - 980+19	STH 88	59
1005+40 - 1005+60	STH 88	49
1006+78 - 1006+98	STH 88	49
1014+13 - 1014+43	STH 88	49
1056+59 - 1056+98	STH 88	95
1227+24 - 1227+40	STH 88	43
1306+71 - 1306+87	STH 88	44
1334+36 - 1334+56	STH 88	25
1416+61 - 1416+85	STH 88	64
1423+84 - 1424+00	STH 88	41
1432+18 - 1432+34	STH 88	41
1477+29 - 1477+45	STH 88	41
1482+80 - 1482+96	STH 88	41
ITEM TOTAL		1100

REMOVING FENCE

STATION - STATION	LOCATION	204.0170 LF
		STH 88
1056+25 - 1057+25	LT	100
ITEM TOTAL		100

EXCAVATION

STATION	LOCATION	208.0100 BORROW CY	WASTE CY
		STH 88	
350+00 - 1575+00	LT & RT	1110	-120
ITEM TOTALS		1110	-120

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0110 3/4-INCH TON	305.0120 1 1/4-INCH TON
		STH88	
570+88-571+12	STH88	7	65
584+02-584+26	STH88	7	65
620+03-620+27	STH88	7	65
689+72-689+88	STH88	7	77
697+30-697+46	STH88	4	51
852+56-852+72	STH88	4	37
861+34-861+50	STH88	4	33
892+97-893+13	STH88	4	39
913+97-914+37	STH88	6	45
979+97-980+19	STH88	6	51
1005+40-1005+60	STH88	6	38
1006+78-1006+98	STH88	6	42
1014+13-1014+43	STH88	8	81
1056+59-1056+98	STH88	10	106
1227+24-1227+40	STH88	4	43
1306+71-1306+87	STH88	4	43
1334+36-1334+56	STH88	6	54
1416+61-1416+85	STH88	7	61
1423+84-1424+00	STH88	4	43
1432+18-1432+34	STH88	4	43
1477+29-1477+45	STH88	4	43
1482+80-1482+96	STH88	4	43
UNDISTRIBUTED 10%	STH88	15	129
ITEM TOTALS		140	1300

FINISHING ROADWAY (7730-00-60)

	213.0100.02
STATION - STATION	EACH
STH 88	
350+00 - 1575+00	1
ITEM TOTAL	1

ASPHALTIC SURFACE ITEMS

STATION - STATION	LOCATION	455.0605 TACK COAT GAL	465.0110 ASPHALTIC SURFACE PATCHING TON	REMARKS
		STH 88		
570+88 - 571+12	STH 88	2	22	
584+02 - 584+26	STH 88	2	22	
620+03 - 620+27	STH 88	2	22	
689+72 - 689+88	STH 88	1	14	
697+30 - 697+46	STH 88	2	19	
852+56 - 852+72	STH 88	1	13	
861+34 - 861+50	STH 88	1	13	
892+97 - 893+13	STH 88	1	13	
914+07 - 914+27	STH 88	1	16	
979+97 - 980+19	STH 88	2	22	
1005+40 - 1005+60	STH 88	1	16	
1006+78 - 1006+98	STH 88	1	16	
1014+13 - 1014+43	STH 88	1	16	
1056+59 - 1056+98	STH 88	2	32	
1227+24 - 1227+40	STH 88	1	14	
1306+71 - 1306+87	STH 88	1	15	
1334+36 - 1334+56	STH 88	1	8	
1416+61 - 1416+85	STH 88	2	22	
1423+84 - 1424+00	STH 88	1	14	
1432+18 - 1432+34	STH 88	1	14	
1477+29 - 1477+45	STH 88	1	14	
1482+80 - 1482+96	STH 88	1	14	
ITEM TOTALS		30	375	

ASPHALTIC

STATION	LOCATION	465.0310 CURB LF	465.0315 FLUME SY
		STH 88	
689+72 - 689+88	RT	16	4
697+30 - 697+46	RT	16	4
1334+46	LT		4
ITEM TOTALS		32	12

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO: 7730-00-60

HWY: STH 88

COUNTY: BUFFALO

MISCELLANEOUS QUANTITIES

SHEET

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CULVERT PIPES AND APRON ENDWALS																
STATION	LOCATION	522.0124	522.0130	522.0160	522.0172	522.0324	522.1024	522.1030	522.1060	522.1072	523.0419	523.0424	523.0429	523.0519	523.0524	523.0529
		CPRC CLASS III 24-INCH LF	CPRC CLASS III 30-INCH LF	CPRC CLASS III 60-INCH LF	CPRC CLASS III 72-INCH LF	CPRC CLASS IV 24-INCH LF	APRON ENDWALLS FOR CPRC 24-INCH EACH	APRON ENDWALLS FOR CPRC 30-INCH EACH	APRON ENDWALLS FOR CPRC 60-INCH EACH	APRON ENDWALLS FOR CPRC 72-INCH EACH	CPRCHE CLASS HE-IV 19x30-INCH LF	CPRCHE CLASS HE-IV 24x38-INCH LF	CPRCHE CLASS HE-IV 29x45-INCH LF	APRON ENDWALLS FOR CPRCHE 19x30-INCH EACH	APRON ENDWALLS FOR CPRCHE 24x38-INCH EACH	APRON ENDWALLS FOR CPRCHE 29x45-INCH EACH
571+00	STH 88	84					2									
584+14	STH 88	98					2									
620+15	STH 88	76					2									
689+80	STH 88					58	1									
697+38	STH 88					60	1									
852+64	STH 88					42	2									
861+42	STH 88					38	2									
893+05	STH 88					44	1									
914+17	STH 88	52					1									
980+08	STH 88	60					1									
1005+50	STH 88					40	1									
1006+88	STH 88					38	1									
1014+28	STH 88			60					2							
1056+74	STH 88			66					2							
1056+83	STH 88				64					2						
1227+32	STH 88										40			2		
1306+79	STH 88										48			2		
1334+46	STH 88	48					2									
1416+73	STH 88		66					2								
1423+92	STH 88										44			2		
1432+26	STH 88												48			1
1477+37	STH 88											46			2	
1482+88	STH 88										44			2		
ITEM TOTALS		418	66	126	64	320	19	2	4	2	176	46	48	8	2	1

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EROSION CONTROL ITEMS									
STATION	LOCATION	606.0200	628.1504	628.1520	628.2002	628.7005	628.7020	628.7570	645.0130
		RIPRAP MEDIUM CY	SILT FENCE	SILT FENCE MAINTENANCE LF	EROSION MAT CLASS I TYPE A SY	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE D EACH	ROCK BAGS EACH	GEOTEXTILE FABRIC TYPE R SY
571+00	STH 88		100	100				13	
584+14	STH 88		130	130	28			13	
620+15	STH 88		200	200	110			2	
689+80	STH 88		80	80	20		1	0	
697+38	STH 88		80	80			1	0	
852+64	STH 88		160	160	20			13	
861+42	STH 88		180	180	20			13	
893+05	STH 88		80	80				2	
914+17	STH 88	7.5	80	80				13	8
980+08	STH 88		100	100				13	
1005+50	STH 88		80	80	14			13	
1006+88	STH 88		80	80	13			5	
1014+28	STH 88	28.5	240	240				5	22
1056+74	STH 88	28.5	70	70				6	22
1056+83	STH 88	28.5	70	70					22
1227+32	STH 88		70	70	35				
1306+79	STH 88		140	140					
1334+46	STH 88		70	70	20	1			
1416+73	STH 88		140	140	30				
1423+92	STH 88		70	70	30				
1432+26	STH 88		70	70					
1477+37	STH 88		90	90					
1482+88	STH 88		70	70	20				
ITEM TOTALS		93.0	2450	2450	360	1	2	111	74

COVERS AND INLETS			
STATION - STATION	LOCATION	611.0642	611.3901
		INLET COVERS TYPE MS EACH	INLETS MEDIAN 1 GRATE EACH
STH 88 1334+46	LT	1	1
ITEM TOTALS		1	1

MAINTENANCE AND REPAIR OF HAUL ROADS		
STATION - STATION		618.0100.02
		7730-00-60 EACH
STH 88 350+00 - 1575+00		1
ITEM TOTAL		1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

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TOPSOIL, MULCHING, FERTILIZER AND SEEDING

STATION	LOCATION	625.0100	627.0200	629.0210	630.0120	630.0160
		TOPSOIL	MULCHING	FERTILIZER	SEEDING	SEEDING
		SY	SY	TYPE B	MIXTURE	MIXTURE
				CWT	NO. 20	NO. 60
					LB	LB
STH 88						
571+00	RT & LT	270	324	0.27	7.3	
584+14	RT	165	198	0.10		2.2
584+14	LT	175	210	0.11	5.4	
620+15	RT & LT	200	240	0.16	6.4	
689+80	RT & LT	55	66	0.03	1.5	
697+38	RT	15	18	0.01	0.4	
697+38	LT	25	30	0.02		0.3
852+64	RT & LT	40	48	0.03	1.1	
861+42	RT & LT	50	60	0.03	1.4	
893+05	RT & LT	40	48	0.03	1.1	
914+17	RT	25	30	0.02		0.3
914+17	LT	45	54	0.03	1.2	
980+08	RT & LT	115	138	0.07		1.6
1005+50	RT & LT	45	54	0.03	1.2	
1006+88	RT & LT	25	30	0.02	0.7	
1014+28	RT & LT	270	324	0.27		4.0
1056+74	RT & LT	240	288	0.20		3.2
1056+83	RT & LT	240	288	0.20		3.2
1227+32	RT & LT	35	42	0.02	0.9	
1306+79	RT & LT	45	54	0.03	1.2	
1334+46	RT & LT	45	54	0.03	1.2	
1416+73	RT & LT	215	258	0.14	6.8	
1423+92	RT & LT	95	114	0.06	2.6	
1432+26	RT & LT	50	60	0.03	1.4	
1477+37	RT & LT	65	78	0.04	1.8	
1482+88	RT & LT	55	66	0.03	1.5	
ITEM TOTALS		2645	3174	2.00	45.0	15.0

FIELD OFFICE TYPE B

STATION	642.5001
	EACH
STH 88	
350+00 - 1575+00	0.5
ITEM TOTAL	0.5

TRAFFIC CONTROL (7730-00-60)

STATION	643.0100.02
	EACH
STH 88	
350+00 - 1575+00	1
ITEM TOTAL	1

TRAFFIC CONTROL DETOUR (7730-00-60)

STATION	643.2000.01
	EACH
STH 88	
350+00 - 1575+00	1
ITEM TOTAL	1

MARKERS

STATION - STATION	LOCATION	633.5100	633.5200	REMARKS
		ROW	CULVERT	
		EACH	END	
			EACH	
STH 88				
355+03	LT & RT		2	
360+74	LT & RT		2	
382+14	LT & RT		2	
413+95	LT & RT		2	
424+61	LT & RT		2	
429+37	LT & RT		2	
448+33	LT & RT		2	
471+89	LT & RT		2	
476+88	LT & RT		2	
478+48	LT & RT		2	
538+91	LT & RT		2	
542+84	LT & RT		2	
550+96	LT & RT		2	
556+26	LT & RT		2	
571+00	LT & RT		2	
584+14	LT & RT		2	
594+08	LT & RT		2	
609+49	LT & RT		2	
620+15	LT & RT		2	
624+27	LT & RT		2	
689+80	LT & RT	4	2	
697+38	LT & RT	4	2	
701+62	LT & RT		2	
729+29	LT & RT		2	
741+12	LT & RT		2	
746+02	LT & RT		2	
755+72	LT & RT		2	
775+04	LT & RT		2	
782+42	LT & RT		2	
786+62	LT & RT		2	
841+35	LT & RT		2	
852+64	LT & RT		2	
861+42	LT & RT		2	
893+05	LT & RT		2	
914+17	LT & RT		2	
920+54	LT & RT		2	
968+04	LT & RT		2	
980+08	LT & RT	4	2	
1005+50	LT & RT		2	
1006+88	LT & RT		2	
1014+28	LT & RT	8	2	
1056+74	LT & RT	4	2	
1056+83	LT & RT	4	2	
1101+30	LT & RT		2	
1111+50	LT & RT		2	
1120+08	LT & RT		2	
1129+44	LT & RT		2	
1137+84	LT & RT		2	
1183+04	LT & RT		2	
1188+87	LT & RT		2	
1191+89	LT & RT		2	
1205+56	LT & RT		2	
1213+25	LT & RT		2	
1218+12	LT & RT		2	
1227+32	LT & RT		2	
1243+60	LT & RT		2	
1254+30	LT & RT		2	
1296+36	LT & RT		2	
1306+79	LT & RT		2	
1319+61	LT & RT		2	
1326+49	LT & RT		2	
1334+46	LT & RT		2	
1384+76	LT & RT		2	
1397+83	LT & RT		2	
1416+73	LT & RT	4	2	
1423+92	LT & RT		2	
1432+26	LT & RT		2	
1477+37	LT & RT	4	2	
1482+88	LT & RT		2	
ITEM TOTALS		36	138	

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MOBILIZATIONS

STATION - STATION	628.1905	628.1910
	EROSION	EROSION
	CONTROL	CONTROL
	EACH	EACH
STH 88		
350+00 - 1575+00	15	1
ITEM TOTALS	15	1

TRAFFIC CONTROL

STATION	643.0300	643.0420	643.0705	643.0900	643.0920	643.3000	REMARKS
	DRUMS	BARRICADES	WARNING LIGHTS		COVERING	DETOUR	
	DAY	TYPE III	TYPE A	SIGNS	SIGNS TYPE II	SIGNS	
		DAY	DAY	DAY	EACH	DAY	
STH 88							
DETOUR SIGNING		144	288		3	5580	
571+00		18		13			
584+14		18		13			
620+15		18		14			
689+80	5						
697+38	5						
852+64	5						
861+42	5						
893+05	5						
980+08		18		14			
1005+50	5						
1006+88	5						
1014+28		18		14			
1056+74		7		3			
1056+83		9		7			
1227+32	5						
1306+79	5						
1334+46	5						
1416+73		18		13			
1423+92	5						
1432+26	5						
1477+37	5						
1482+88	5						
ITEM TOTALS	70	268	288	91	3	5580	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO: 7730-00-60

HWY: STH 88

COUNTY: BUFFALO

MISCELLANEOUS QUANTITIES

SHEET

E

PAVEMENT MAKING EPOXY 4-INCH

646.0106				
		YELLOW		WHITE
STATION	LOCATION	LF	LOCATION	LF
570+88-571+12	CENTER*	48	RT & LT	48
584+02-584+26	CENTER*	48	RT & LT	48
620+03-620+27	CENTER*	48	RT & LT	48
689+72-689+88	CENTER*	32	RT & LT	32
697+30-697+46	CENTER*	32	RT & LT	32
852+56-852+72	CENTER*	32	RT & LT	32
861+34-861+50	CENTER*	32	RT & LT	32
892+97-893+13	CENTER*	32	RT & LT	32
913+97-914+37	CENTER*	60	RT & LT	60
979+97-980+19	CENTER*	44	RT & LT	44
1005+40-1005+60	CENTER*	40	RT & LT	40
1006+78-1006+98	CENTER*	40	RT & LT	40
1014+13-1014+43	CENTER*	60	RT & LT	60
1056+59-1056+98	CENTER*	78	RT & LT	78
1227+24-1227+40	CENTER*	32	RT & LT	32
1306+71-1306+87	CENTER*	32	RT & LT	32
1334+36-1334+56	CENTER*	40	RT & LT	40
1416+61-1416+85	CENTER*	48	RT & LT	48
1423+84-1424+00	CENTER*	32	RT & LT	32
1432+18-1432+34	CENTER*	32	RT & LT	32
1477+29-1477+45	CENTER*	32	RT & LT	32
1482+80-1482+96	CENTER*	32	RT & LT	32
UNDISTRIBUTED 20%	CENTER*	181	RT & LT	181
SUB-TOTALS		1087		1087
ITEM TOTALS			2174	

*FIELD ENGINEER TO DETERMINE PASSING AND NO-PASSING ZONES

CONSTRUCTION STAKING PIPE CULVERTS

650.6000		
STATION - STATION	LOCATION	EACH
571+00	STH 88	1
584+14	STH 88	1
620+15	STH 88	1
689+80	STH 88	1
697+38	STH 88	1
852+64	STH 88	1
861+42	STH 88	1
893+05	STH 88	1
914+17	STH 88	1
980+08	STH 88	1
1005+50	STH 88	1
1006+88	STH 88	1
1014+28	STH 88	1
1056+74	STH 88	1
1056+83	STH 88	1
1227+32	STH 88	1
1306+79	STH 88	1
1334+46	STH 88	1
1416+73	STH 88	1
1423+92	STH 88	1
1432+26	STH 88	1
1477+37	STH 88	1
1482+88	STH 88	1
ITEM TOTAL		23

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL

650.9910.02	
(7730-00-60)	
STATION - STATION	LS
STH 88	
350+00 - 1575+00	1
ITEM TOTAL	
	1

SAWING ASPHALT

690.0150		
STATION	LOCATION	LF
570+88	STH 88	23
571+12	STH 88	23
584+02	STH 88	23
584+26	STH 88	23
620+03	STH 88	24
620+27	STH 88	24
689+72	STH 88	24
689+88	STH 88	24
697+30	STH 88	24
697+46	STH 88	24
852+56	STH 88	23
852+72	STH 88	22
861+34	STH 88	21
861+50	STH 88	21
892+97	STH 88	22
893+13	STH 88	22
914+07	STH 88	22
914+27	STH 88	23
979+97	STH 88	24
980+19	STH 88	24
1005+40	STH 88	21
1005+60	STH 88	21
1006+78	STH 88	21
1006+98	STH 88	20
1014+13	STH 88	22
1014+43	STH 88	22
1056+59	STH 88	22
1056+98	STH 88	22
1227+24	STH 88	24
1227+40	STH 88	23
1306+71	STH 88	25
1306+87	STH 88	25
1334+36	STH 88	25
1334+56	STH 88	25
1416+61	STH 88	24
1416+85	STH 88	24
1423+84	STH 88	24
1424+00	STH 88	24
1432+18	STH 88	23
1432+34	STH 88	23
1477+29	STH 88	24
1477+45	STH 88	24
1482+80	STH 88	23
1482+96	STH 88	23
ITEM TOTAL		1014

REGRADE DITCH

SPV.0090.02		
STATION - STATION	LOCATION	LF
893+05	STH 88	20
914+17	STH 88	20
1006+88	STH 88	20
1014+28	STH 88	40
1056+74	STH 88	20
1056+83	STH 88	20
1227+32	STH 88	20
1306+79	STH 88	20
1334+46	STH 88	20
1416+73	STH 88	20
1423+92	STH 88	20
1432+26	STH 88	20
1477+37	STH 88	20
1482+88	STH 88	20
ITEM TOTAL		300

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

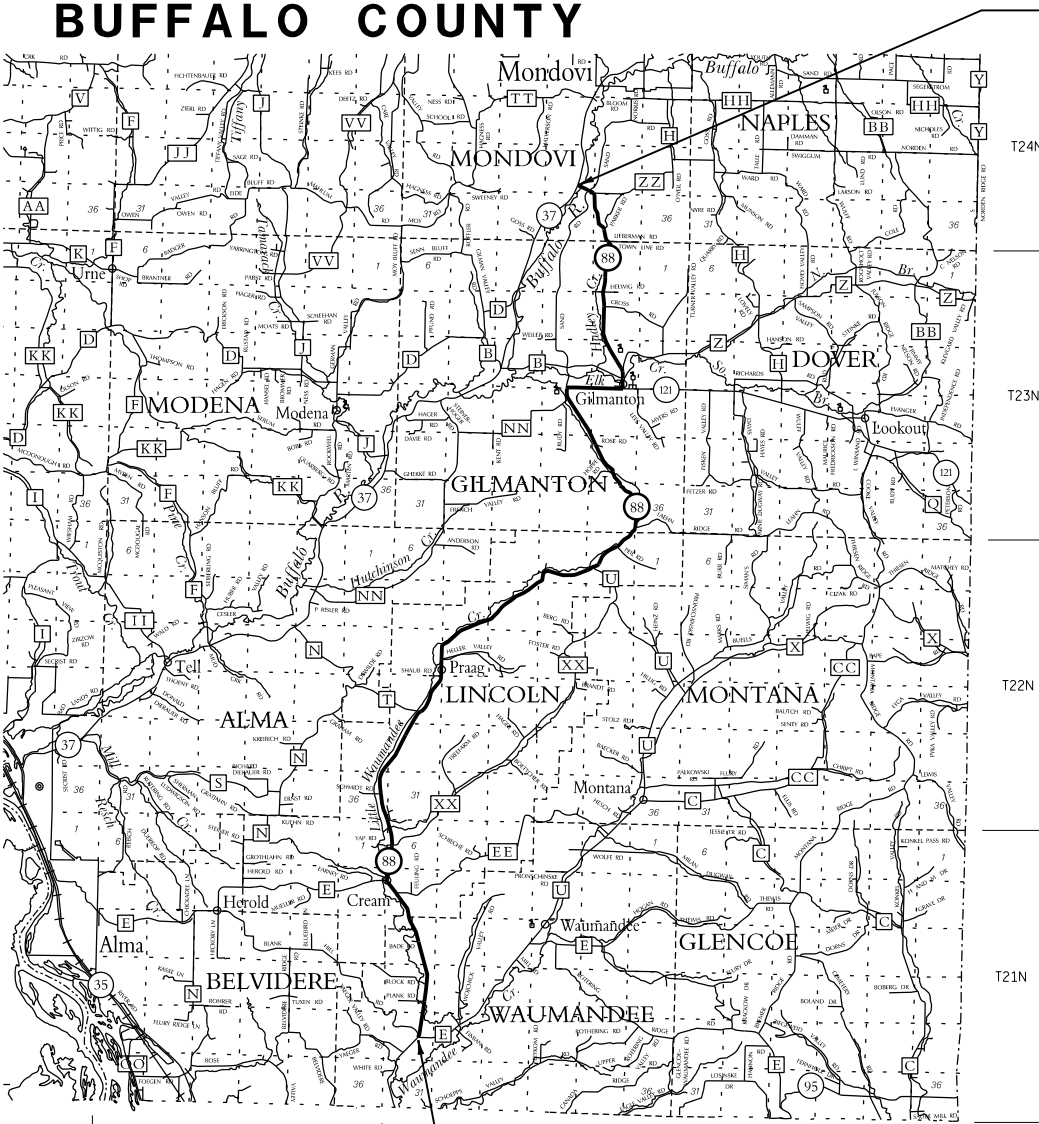
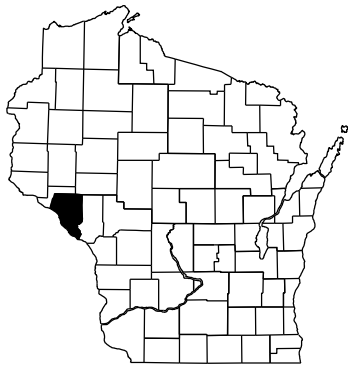
TRANSPORTATION PROJECT PLAT TITLE SHEET

7730-00-20

CTH E - STH 37

STH 88

BUFFALO COUNTY



END PROJECT
7730-00-20

BEGIN PROJECT
7730-00-20

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, BUFFALO COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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".

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 LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

OWNERS NAMES AND UTILITY NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	CURVE DATA	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	LP	PROPOSED R/W LINE	---
	(1" UNLESS NOTED)	EXISTING H.E. LINE	---
R/W MONUMENT	• (SET)	PROPERTY LINE	---
R/W STANDARD	Δ (SET)	LOT & TIE LINES	---
SIGN	ISIGN	SLOPE INTERCEPTS	---
SECTION CORNER MONUMENT	⊙	CORPORATE LIMITS	---
SECTION CORNER SYMBOL	⊙	NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	---
	⊙	NO ACCESS (BY ACQUISITION)	---
FEE (HATCH VARIES)	⊙	NO ACCESS (BY STATUTORY AUTHORITY)	---
TEMPORARY LIMITED EASEMENT	⊙	SECTION LINE	---
PERMANENT LIMITED EASEMENT	⊙	QUARTER LINE	---
R/W BOUNDARY POINT	⊙	SIXTEENTH LINE	---
PARCEL NUMBER	⊙	EXISTING CENTERLINE	---
UTILITY PARCEL NUMBER	⊙	PROPOSED REFERENCE LINE	---
SIGN NUMBER (OFF PREMISE)	⊙	PARALLEL OFFSET	---
BUILDING	⊙		---

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
NON	NON
COMPENSABLE	COMPENSABLE
POWER POLE	⊙
TELEPHONE POLE	⊙
TELEPHONE PEDESTAL	⊙
ELECTRIC TOWER	⊙



RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.01

THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 30, T22N, R11W, TOWN OF LINCOLN, BUFFALO COUNTY, WISCONSIN

RELOCATION ORDER STH 88 CZECHVILE - MONDOVI(CTH E TO STH 37) BUFFALO COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION 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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

CURVE DATA
PISTA = 699+08.94
PIY = 319286.766
PIX = 582943.485
Δ = 03°32'30" (LT)
R = 12000.00'
D = 00°28'39"
T = 371.00'
L = 741.76'

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN _____ COUNTY, WISCONSIN AT _____ M ON _____ AS DOCUMENT # _____ AND FILED IN _____

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20-4.01
AMENDMENT NO:
SHEET 1 OF 2

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			TLE AC.
			NEW	EXISTING	TOTAL	
1	JAMES L. MUELLER & KATHERINE F. MUELLER	FEE	0.03	0.19	0.22	---

TOWN

SW-NW
SEC 30-22-11W

POINT	STATION	OFFSET
201	690+09.00	33.00' LT
202	690+09.00	0.00' RT
203	690+09.00	33.00' RT
204	689+45.00	33.00' RT
205	689+45.00	0.00' RT
206	689+45.00	33.00' LT
207	689+57.00	45.00' LT
208	689+97.00	45.00' LT
211	697+05.00	33.00' RT
212	697+05.00	0.00' RT
213	697+05.00	33.00' LT
214	697+17.00	45.00' LT
215	697+57.00	45.00' LT
216	697+69.00	33.00' LT
217	697+69.00	0.00' RT
218	697+69.00	33.00' RT

POINTS	BEARING	DISTANCE
3149-210	S89°58'28"E	1305.53'
210-211	N00°01'32"E	175.10'
211-212	N65°02'45"W	33.00'
212-213	N65°02'45"W	33.00'
213-214	N20°10'04"W	16.94'
214-215	N24°48'05"E	39.85'
215-216	N69°46'14"E	16.94'
216-217	S65°21'05"E	33.00'
217-218	S65°21'05"E	33.00'
218-211	SEE CURVE DATA	

CURVE 218-211
LENGTH = 64.18'
RADIUS = 12033.00'
CHORD BEARING = S24°48'05"W
CHORD LENGTH = 64.18'

COMPUTED POSITION PER TIES
Y= 318,915.138
X= 581,578.136

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 318,912.620
X= 587,202.324

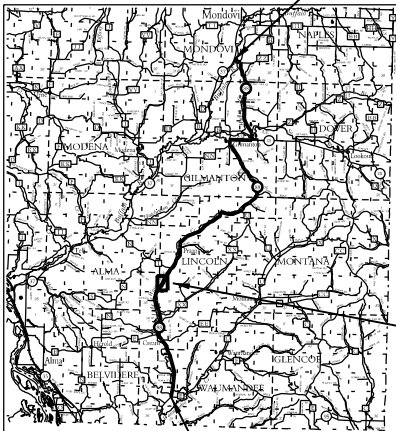
POINTS	BEARING	DISTANCE
3149-200	S89°58'28"E	940.60'
200-201	S00°01'32"W	419.78'
201-202	S60°45'14"E	33.00'
202-203	S60°45'14"E	33.00'
203-204	SEE CURVE DATA	
204-205	N59°34'16"W	33.00'
205-206	N59°34'16"W	33.00'
206-207	N15°02'41"W	16.86'
207-208	N29°50'15"E	39.42'
208-201	N74°43'11"E	16.86'

CURVE DATA
PISTA = 690+49.44
PIY = 318512.421
PIX = 582569.956
Δ = 05°29'53" (LT)
R = 3100.00'
D = 1°50'54"
T = 148.85'
L = 297.47'

BASIS OF R/W		
ROAD	DOCUMENT	YEAR
STH 88	WIS. STATUTE 82.31(2)	---

NW-SW
SEC 30-22-11W

LOCATION SKETCH
NOT TO SCALE



SCALE, FEET
0 40 80

UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
100	1	EASEMENT	VOL. 9ED PG. 43

UTILITY SCHEDULE & INTEREST REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS



421 FRENETTE DRIVE
CHIPPEWA FALLS, WI 54729

I, JASON L. CANCE, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) JASON L. CANCE
(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.02 AMENDMENT NO.2
PROVIDES CLARIFICATION OF UTILITY LOCATIONS OF TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.02
RECORDED IN 1 TPP, PAGE 12, DOCUMENT NO. 256183

THAT PART OF LOT 1 CERTIFIED SURVEY MAP VOLUME 4 PAGE 72 LOCATED IN THE SOUTHEAST 1/4
OF THE SOUTHWEST 1/4 OF SECTION 3, T22N, R11W, TOWN OF LINCOLN, BUFFALO COUNTY, WISCONSIN
RELOCATION ORDER STH 88 CZECHVILE - MONDOVI (CTH E TO STH 37) BUFFALO COUNTY

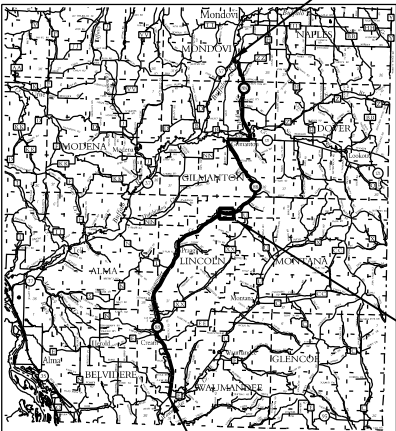
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE,
THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND
INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION
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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN
THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POINTS	BEARING	DISTANCE
3157-230	N00°15'13"E	1125.17'
230-231	S89°44'47"E	2246.82'
231-232	N16°26'33"E	33.11'
232-233	N16°26'33"E	32.89'
233-234	N61°02'26"E	31.10'
234-235	S73°52'40"E	39.71'
235-236	S29°19'06"E	30.82'
236-237	S15°48'03"W	33.29'
237-238	S15°48'03"W	32.72'
238-239	N74°21'47"W	20.31'
239-231	SEE CURVE DATA	

CURVE 239-231
LENGTH = 64.06'
RADIUS = 6533.00'
CHORD BEARING = N74°04'56"W
CHORD LENGTH = 64.06'

POINT	STATION	OFFSET
231	979+67.00	33.11' RT
232	979+67.00	0.00' RT
233	979+67.00	32.89' LT
234	979+89.00	55.00' LT
235	980+29.00	55.00' LT
236	980+51.00	33.29' LT
237	980+51.00	0.00' RT
238	980+51.00	32.72' RT
239	980+30.78	32.80' RT

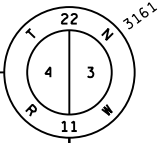
LOCATION SKETCH
NOT TO SCALE



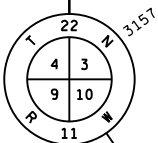
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			PLE AC.
			NEW	EXISTING	TOTAL	
3	MICHAEL O'CONNOR & MARCIA O'CONNOR	PLE	---	---	---	0.03

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 339,865.893
X= 597,555.939



FOUND 3/4" REBAR
Y= 337,210.625
X= 597,544.184



CURVE DATA
PISTA = 979+73.77
PIY = 338350.037
PIX = 599810.000
Δ = 04°33'24" (LT)
R = 7500.00'
D = 00°45'50"
T = 298.40'
L = 596.48'

BASIS OF R/W		
ROAD	DOCUMENT	YEAR
STH 88	CSM VOL. 4 PG. 72	2012
	MAP OF SURVEY BY JOHN KRAGE	2012
	WIS. STATUTE 82.31(2)	---

TOWN
NE-SW
SEC 3-22-11W

DEED OF CONSERVATION EASEMENT
VOL. 291 PG. 407
DOC. # 203135
&
VOL. 322 PG. 417
DOC. # 209951

MAP OF SURVEY
DAVID A. JOHNSON
6-2-2009

LOT 1
CERTIFIED SURVEY MAP
VOL. 4 PG. 72
DOC # 248682

3 PLE - CULVERT
0.03 ACRES

SE-SW
SEC 3-22-11W

LINCOLN

MAP OF SURVEY
JOHN G. KRAGE
5-4-2012

UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
100	3	EASEMENT	VOL. 1ED PG. 220

UTILITY SCHEDULE & INTEREST REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE
REGISTER OF DEEDS, IN BUFFALO COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 256134.



I, JASON L. CANCE, 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 WISCONSIN
DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED
AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.02
AMENDMENT NO. 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL
EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) JASON L. CANCE
(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE
APPROVED FOR THE WISCONSIN DEPARTMENT OF
TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) MICHAEL PILLER

ACCEPTED FOR RECORDING AND FILING IN
THE OFFICE OF THE REGISTER OF DEEDS
IN _____ COUNTY, WISCONSIN AT
_____ M. ON _____
AS DOCUMENT # _____ AND
FILED IN _____
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20-4.02
AMENDMENT NO. 2

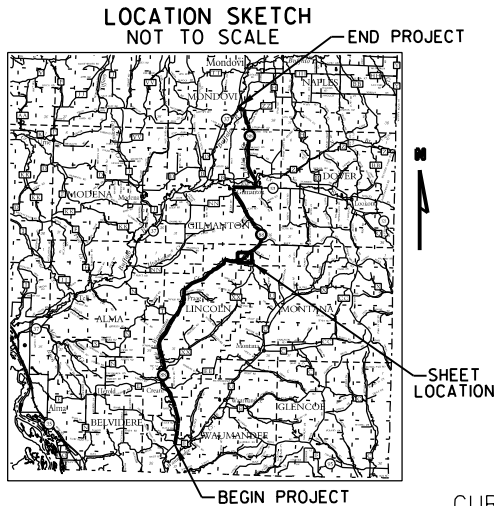
TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.03 AMENDMENT NO.2
AMENDS UTILITY PARCEL NO.110 OF TRANSPORTATION PROJECT PLAT 7730-00-20-4.03
RECORDED IN 1 TPP, PAGE 13, DOCUMENT NO. 256184

THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 2,
T22N, R11W, TOWN OF LINCOLN, BUFFALO COUNTY, WISCONSIN

RELOCATION ORDER STH 88 CZECHVILE - MONDOVI(CTH E TO STH 37) BUFFALO COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION
HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAY 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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN
THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

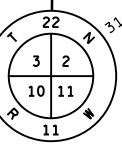


POINTS	BEARING	DISTANCE
3169-250	S00°47'06"W	937.22'
250-251	S89°12'54"E	275.47'
251-252	N23°39'54"E	38.18'
252-253	N68°38'35"E	39.70'
253-254	S65°44'23"E	37.81'
254-255	S22°48'32"E	32.58'
255-256	S22°48'32"E	33.44'
256-257	S24°15'55"W	38.57'
257-258	S68°38'45"W	50.30'
258-259	N53°31'42"W	31.91'
259-260	N21°20'06"W	33.00'
260-251	N21°20'06"W	33.00'

CURVE DATA
PISTA = 1009+86.21
PIY = 338744.667
PIX = 602699.963
Δ = 05°03'39" (RT)
R = 1750.00'
D = 03°16'27"
T = 77.34'
L = 154.57'

POINT	STATION	OFFSET
251	1013+83.00	33.00' LT
252	1014+10.00	60.00' LT
253	1014+50.00	60.00' LT
254	1014+77.00	32.58' LT
255	1014+77.00	0.00' LT
256	1014+77.00	33.44' RT
257	1014+50.00	60.00' RT
258	1014+00.00	60.00' RT
259	1013+83.00	33.00' RT
260	1013+83.00	0.00' RT

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 337,212.375
X= 602,758.755



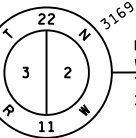
PI1009+86.21
1010+00
PC 1009+08.88
R=N 63°36'15" E

SECTION LINE
1528.14'

SECTION LINE / REFERENCE
LINE INTERSECTION
STATION 1010+72.23
Y=338,775.998
X=602,780.178

R=N 68°39'54" E
PL
STH 88
OF

937.22'
111.97'
35.62'
35.63'



FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 339,860.706
X= 602,795.040

UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
100	5	EASEMENT	VOL. 1ED PG. 222
110	5	EASEMENT	VOL. 6ED PG. 672

UTILITY SCHEDULE & INTEREST REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS
110	NELSON TELEPHONE COOPERATIVE	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			PLE AC.
			NEW	EXISTING	TOTAL	
5	EMMETT RUTSCHOW	PLE	---	---	---	0.09
6	CRAIG J. GOREN	FEE	0.01	---	0.01	---

ACCEPTED FOR RECORDING AND FILING IN
THE OFFICE OF THE REGISTER OF DEEDS
IN _____ COUNTY, WISCONSIN AT
_____ M ON _____
AS DOCUMENT # _____ AND
FILED IN _____

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20-4.03
AMENDMENT NO:2

CURVE DATA
PISTA = 1016+00.02
PIY = 338968.018
PIX = 603271.796
Δ = 13°43'32" (LT)
R = 1300.00'
D = 04°24'27"
T = 156.46'
L = 311.43'

NW-SW
SEC 2-22-11W

BASIS OF R/W		
ROAD	DOCUMENT	YEAR
STH 88	DEED VOL. 76 PG. 477 DOC. #76120	1931
	WIS. STATUTE 82.31(2)	---

LINCOLN



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE
REGISTER OF DEEDS, IN BUFFALO COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 256134.

I, JASON L. CANCE, 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 WISCONSIN
DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED
AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.03
AMENDMENT NO. 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL
EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) JASON L. CANCE
(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE
APPROVED FOR THE WISCONSIN DEPARTMENT OF
TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) MICHAEL PILLER

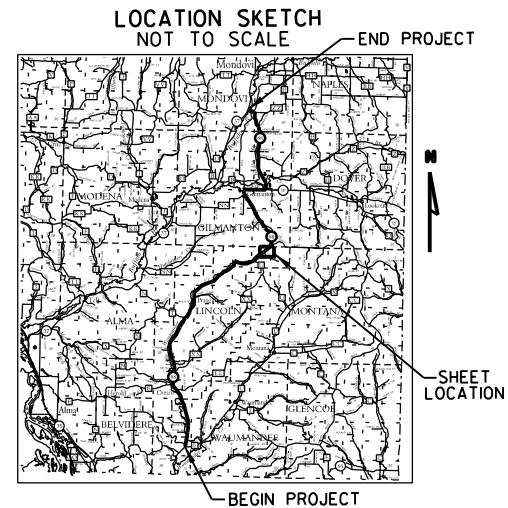
TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.04 AMENDMENT NO.1
AMENDS UTILITY PARCEL NO. 110 AND CLARIFIES UTILITY LOCATIONS OF TRANSPORTATION PROJECT
PLAT 7730-00-20-4.04 RECORDED IN 1TPP, PAGE 14, DOCUMENT NO. 256185

THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 2,
T22N, R11W, TOWN OF LINCOLN, BUFFALO COUNTY, WISCONSIN

RELOCATION ORDER STH 88 CZECHVILE - MONDOVIA (CTH E TO STH 37) BUFFALO COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION
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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN
THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.



CURVE DATA
PISTA = 1056+02.00
PIY = 341480.187
PIX = 606172.250
Δ = 19°45'00" (LT)
R = 875.00'
D = 06°32'53"
T = 152.32'
L = 301.61'

TOWN

RIVERLAND ENERGY COOPERATIVE

OF

CURVE DATA
PISTA = 1059+54.25
PIY = 341705.164
PIX = 606447.202
Δ = 09°34'04" (LT)
R = 2425.00'
D = 02°21'46"
T = 202.95'
L = 404.95'

MAP OF SURVEY
JAMES W. DENZINE
5-27-1992

NW-NE
SEC 2-22-11W

UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
100	8	EASEMENT	VOL. 4ED PG. 360
	9	EASEMENT	VOL. 4ED PG. 360
110	8	EASEMENT	VOL. 6ED PG. 513
	8	EASEMENT	VOL. 11ED PG. 295
	9	EASEMENT	VOL. 6ED PG. 513
	9	EASEMENT	VOL. 483 PG. 237

UTILITY SCHEDULE & INTEREST REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS
110	NELSON TELEPHONE COOPERATIVE	RELEASE OF RIGHTS



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS, IN BUFFALO COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 256134.

I, JASON L. CANCE, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.04 AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) JASON L. CANCE
(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) MICHAEL PILLER

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			TLE AC.
			NEW	EXISTING	TOTAL	
8	WILLIAM T. MUCHE & CAROLYN A. MUCHE	FEE	0.05	0.07	0.12	---
9	BENSON ALLEN TRUST DATED SEPTEMBER 2, 2009	FEE	0.04	0.08	0.12	---

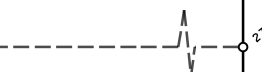
POINTS	BEARING	DISTANCE
3146-270	S00°46'29"E	1516.85'
270-271	S89°13'31"W	1843.57'
271-272	S55°42'18"W	53.14'
272-273	N81°52'58"W	34.25'
273-274	N31°01'15"W	33.00'
274-275	N31°01'15"W	33.00'
275-276	N04°34'17"E	39.76'
276-277	N55°42'18"E	46.28'
277-278	S73°09'40"E	39.76'
278-279	S37°34'08"E	33.00'
279-280	S37°34'08"E	33.00'
280-271	S13°17'35"W	34.25'

POINT	STATION	OFFSET
271	1057+00.00	55.00' RT
272	1056+50.00	55.00' RT
273	1056+25.00	33.00' RT
274	1056+25.00	0.00' RT
275	1056+25.00	33.00' LT
276	1056+50.00	65.00' LT
277	1057+00.00	65.00' LT
278	1057+25.00	33.00' LT
279	1057+25.00	0.00' LT
280	1057+25.00	33.00' RT

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 343,042.435
X= 608,104.671



SIXTEENTH LINE



FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 339,825.440
X= 608,148.165

SCALE, FEET



GN

TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.05 AMENDMENT NO.1
AMENDS UTILITY PARCEL NO. 110 AND CLARIFIES UTILITY LOCATIONS OF TRANSPORTATION PROJECT
PLAT 7730-00-20-4.05 RECORDED IN 1 TPP, PAGE 15, DOCUMENT NO. 256186

THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 11,
T23N, R11W, TOWN OF GILMANTON, BUFFALO COUNTY, WISCONSIN

RELOCATION ORDER STH 88 CZECHVILE - MONDOVI(CTH E TO STH 37) BUFFALO COUNTY

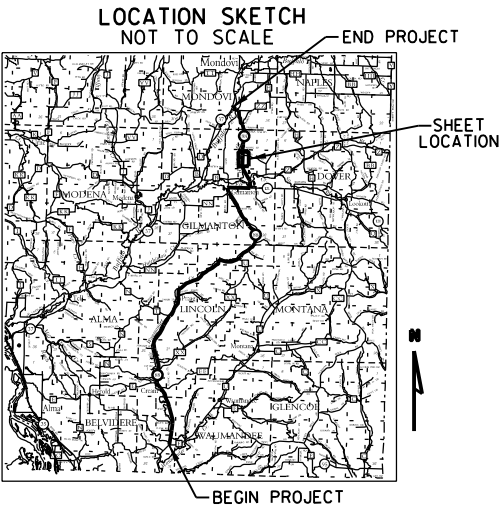
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE,
THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND
INTERESTS OR RIGHTS IN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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION
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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN
THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN
THE OFFICE OF THE REGISTER OF DEEDS
IN _____ COUNTY, WISCONSIN AT
_____ M ON _____
AS DOCUMENT # _____ AND
FILED IN _____

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20-4.05
AMENDMENT NO:1

CURVE DATA
PISTA = 1422+67.85
PIY = 367716.918
PIX = 604237.398
Δ = 03°00'00" (LT)
R = 12000.00'
D = 00°28'39"
T = 314.23'
L = 628.32'



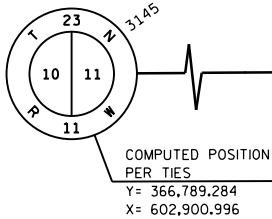
SW-NW
SEC 11-23-11W

SE-NW
SEC 11-23-11W

POINTS	BEARING	DISTANCE
3145 - 290	N89°33'43"E	1255.00'
290 - 291	N00°26'17"W	311.35'
291 - 292	N00°49'55"E	30.00'
292 - 293	N63°11'09"E	47.41'
293 - 294	S89°10'05"E	33.00'
294 - 295	S00°49'55"W	81.00'
295 - 296	N89°10'05"W	33.00'
296 - 291	N54°32'38"W	51.04'

POINT	STATION	OFFSET
291	1416+60.00	75.00' LT
292	1416+90.00	75.00' LT
293	1417+12.00	33.00' LT
294	1417+12.00	0.00' LT
295	1416+31.00	0.00' LT
296	1416+31.00	33.00' LT

GILMANTON



FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 366,829.736
X= 608,191.857

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			TLE AC.
			NEW	EXISTING	TOTAL	
11	GERALDINE M AMIDON	FEE	0.05	0.03	0.08	---

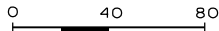
UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
110	11	EASEMENT	VOL. 3ED PG. 215
	11	EASEMENT	VOL. 6ED PG. 667
	11	EASEMENT	VOL. 10ED PG. 117
	11	EASEMENT	VOL. 12ED PG. 172

UTILITY SCHEDULE & INTEREST REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS
110	NELSON TELEPHONE COOPERATIVE	RELEASE OF RIGHTS

BASIS OF R/W		
ROAD	DOCUMENT	YEAR
STH 88	WIS. STATUTE 82.31(2)	---

SCALE, FEET



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE
REGISTER OF DEEDS, IN BUFFALO COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 256134.



421 FRENETTE DRIVE
CHIPPEWA FALLS, WI 54729

I, JASON L. CANCE, 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 WISCONSIN
DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED
AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.05
AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL
EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) JASON L. CANCE
(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE
APPROVED FOR THE WISCONSIN DEPARTMENT OF
TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____
(PRINTED NAME) MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 7730-00-20 - 4.06 AMENDMENT NO.1

CLARIFIES UTILITY LOCATIONS OF TRANSPORTATION PROJECT PLAT 7730-00-20-4.06
RECORDED IN 1 TPP, PAGE 16, DOCUMENT NO. 256187

THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 2,
T23N, R11W, TOWN OF GILMANTON, BUFFALO COUNTY, WISCONSIN

RELOCATION ORDER STH 88 CZECHVILE - MONDOVI(CTH E TO STH 37) BUFFALO COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION
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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN
THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN
THE OFFICE OF THE REGISTER OF DEEDS
IN _____ COUNTY, WISCONSIN AT
_____ M ON _____
AS DOCUMENT # _____ AND
FILED IN _____

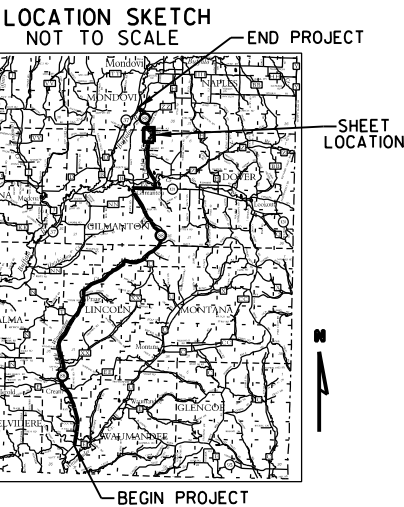
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7730-00-20-4.06
AMENDMENT NO:1

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 375,003.029
X= 602,895.878

FOUND 7/8" REBAR
W/ ALUM. CAP
Y= 375,023.448
X= 605,504.009

CURVE DATA
PISTA = 1479+91.57
PIY = 373362.644
PIX = 604554.589
Δ = 03°18'59" (LT)
R = 5000.00'
D = 01°08'45"
T = 144.75'
L = 289.42'

POINTS	BEARING	DISTANCE
3171-300	S89°33'05"W	1083.25'
300-301	S00°26'55"E	1846.38'
301-302	N20°55'11"E	256.86'
302-303	S69°42'15"E	39.85'
303-304	S69°42'15"E	33.00'
304-305	SEE CURVE DATA	
305-306	S22°20'18"W	18.97'
306-307	SEE CURVE DATA	
307-308	S21°10'08"W	310.77'
308-309	SEE CURVE DATA	
309-310	N86°12'36"W	33.02'
310-311	N86°12'36"W	76.46'
311-312	N20°55'11"E	674.97'
312-313	N03°52'21"W	21.13'
313-314	N21°49'12"E	25.11'
314-301	N47°31'03"E	18.91'



UTILITY INTEREST TABLE			
UTILITY NUMBER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION
100	13	EASEMENT	VOL. 3ED PG. 566
	13	EASEMENT	VOL. 121 PG. 234
	14	EASEMENT	VOL. 121 PG. 234
110	14	EASEMENT	VOL. 10ED PG. 119

UTILITY SCHEDULE & INTEREST REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS
110	NELSON TELEPHONE COOPERATIVE	RELEASE OF RIGHTS

CURVE DATA
PISTA = 1471+86.18
PIY = 372611.789
PIX = 604258.008
Δ = 17°14'20" (RT)
R = 850.00'
D = 06°44'26"
T = 128.85'
L = 255.74'

POINT	STATION	OFFSET
301	1477+66.99	36.83' LT
302	1480+25.00	39.85' LT
303	1480+25.00	0.00' LT
304	1480+25.00	33.00' RT
305	1478+46.82	33.00' RT
306	1478+27.85	33.00' RT
307	1476+23.85	33.00' RT
308	1473+13.08	33.00' RT
309	1470+50.00	33.02' RT
310	1470+50.00	0.00' RT
311	1470+50.00	76.46' LT
312	1477+06.01	35.88' LT
313	1477+25.00	45.00' LT
314	1477+50.00	45.00' LT

GILMANTON

SCALE, FEET
0 40 80

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE
REGISTER OF DEEDS, IN BUFFALO COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 256134.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W AC. REQUIRED			TLE AC.
			NEW	EXISTING	TOTAL	
13	MARK WAYNE STACE AND NICOLE MARIE STACE, TRUSTEE(S), OR SUCCESSOR TRUSTEE(S) OF THE STACE REVOCABLE LIVING TRUST DATED MAY 12, 2008	FEE	0.01	---	0.01	---
14	FUTUREWOOD CORP.	FEE	0.10	1.40	1.50	---

CURVE DATA
PISTA = 1469+65.73
PIY = 372391.804
PIX = 604242.895
Δ = 03°30'00" (RT)
R = 3000.00'
D = 01°54'35"
T = 91.66'
L = 183.26'



421 FRENETTE DRIVE
CHIPPewa FALLS, WI 54729

I, JASON L. CANCE, 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 WISCONSIN
DEPARTMENT OF TRANSPORTATION NORTHWEST REGION, I HAVE SURVEYED
AND MAPPED TRANSPORTATION PROJECT PLAT 7730-00-20-4.06
AMENDMENT NO.1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL
EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) _____ DATE _____

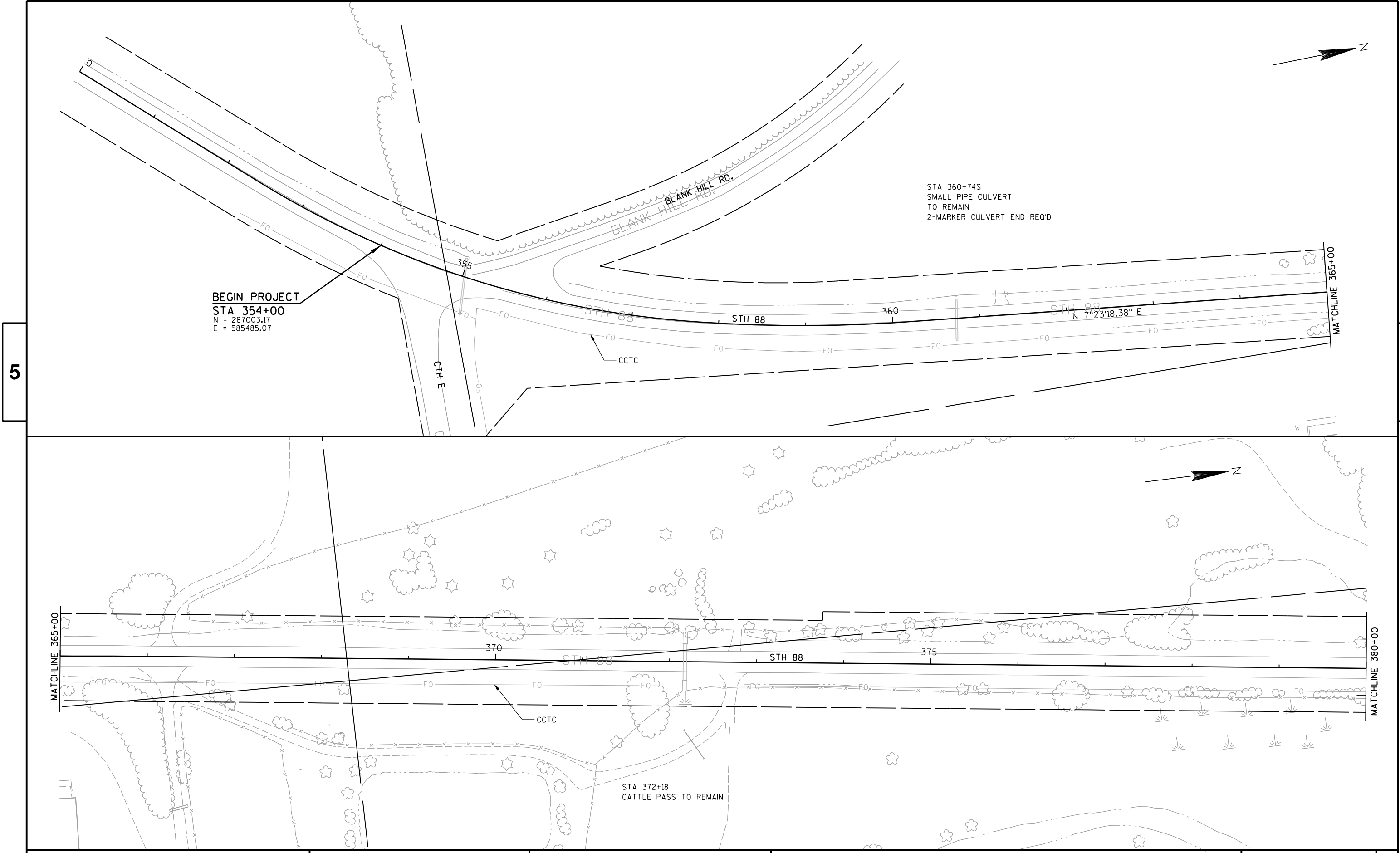
(PRINTED NAME) JASON L. CANCE

(LICENSE NUMBER) 2688

THIS PLAT AND RELOCATION ORDER ARE
APPROVED FOR THE WISCONSIN DEPARTMENT OF
TRANSPORTATION NORTHWEST REGION.

(SIGNATURE) _____ DATE _____

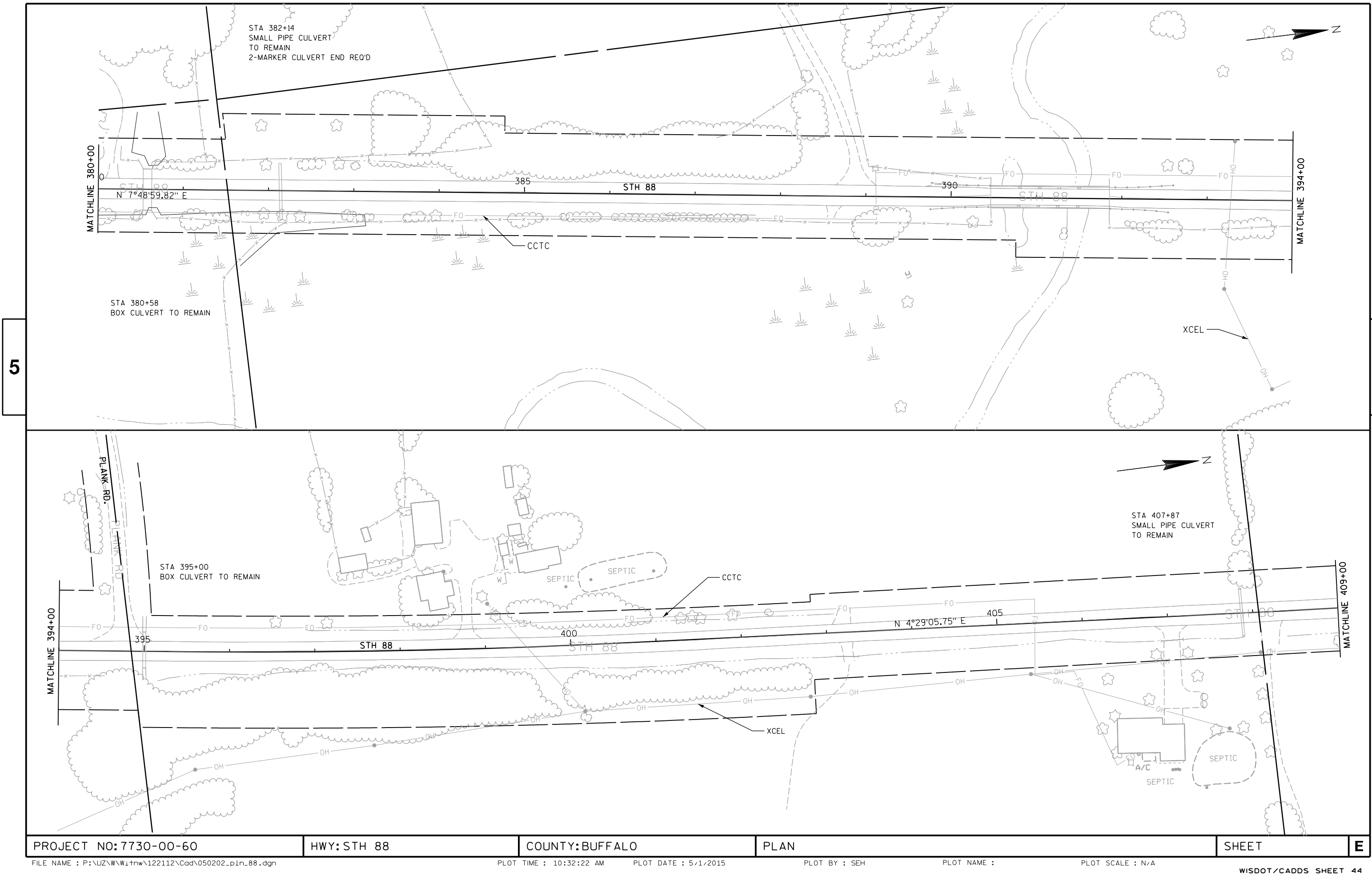
(PRINTED NAME) MICHAEL PILLER



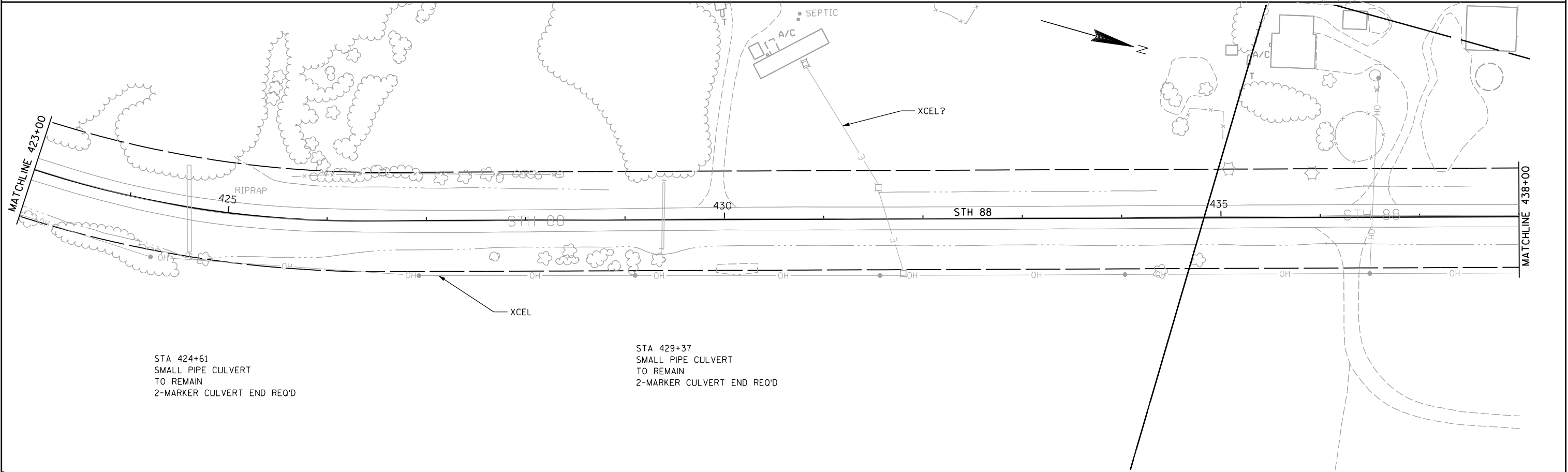
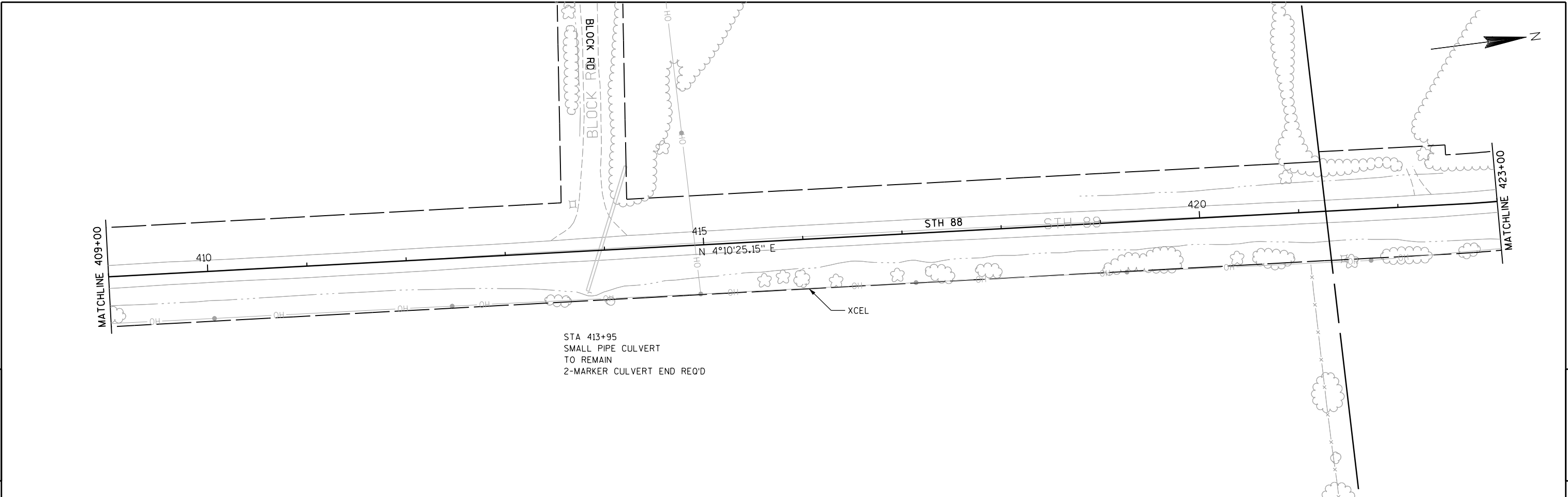
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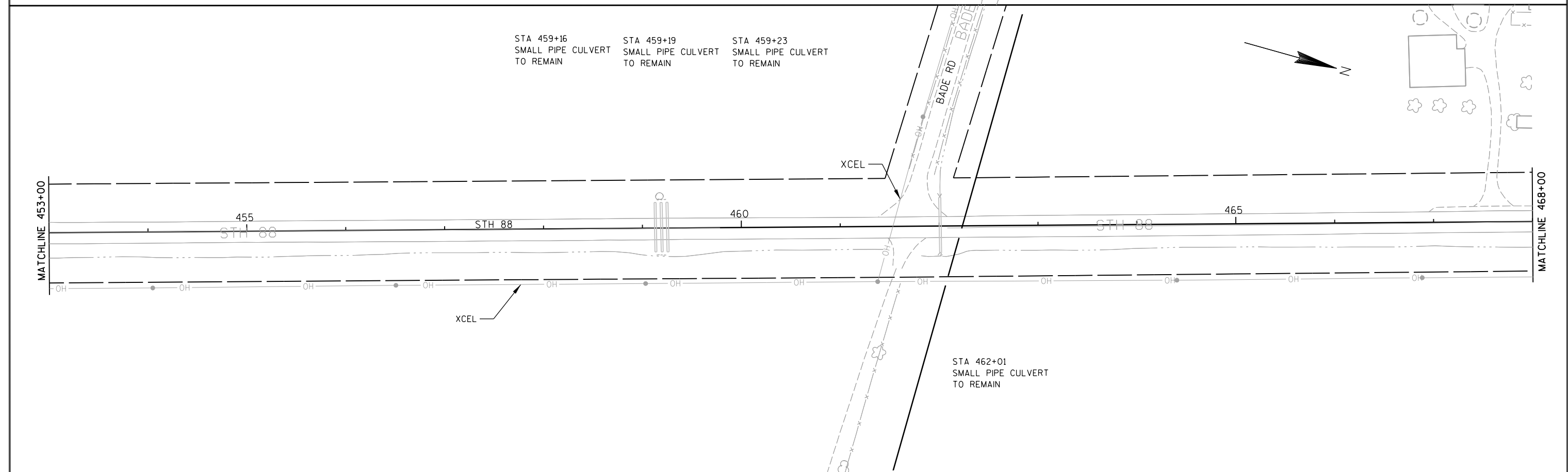
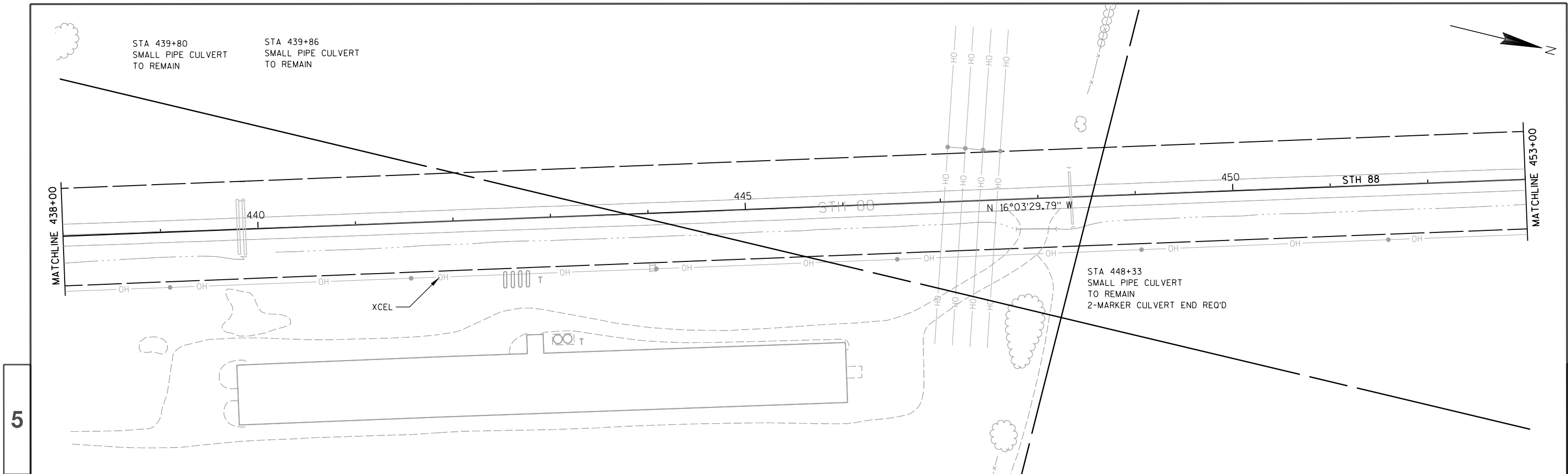
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PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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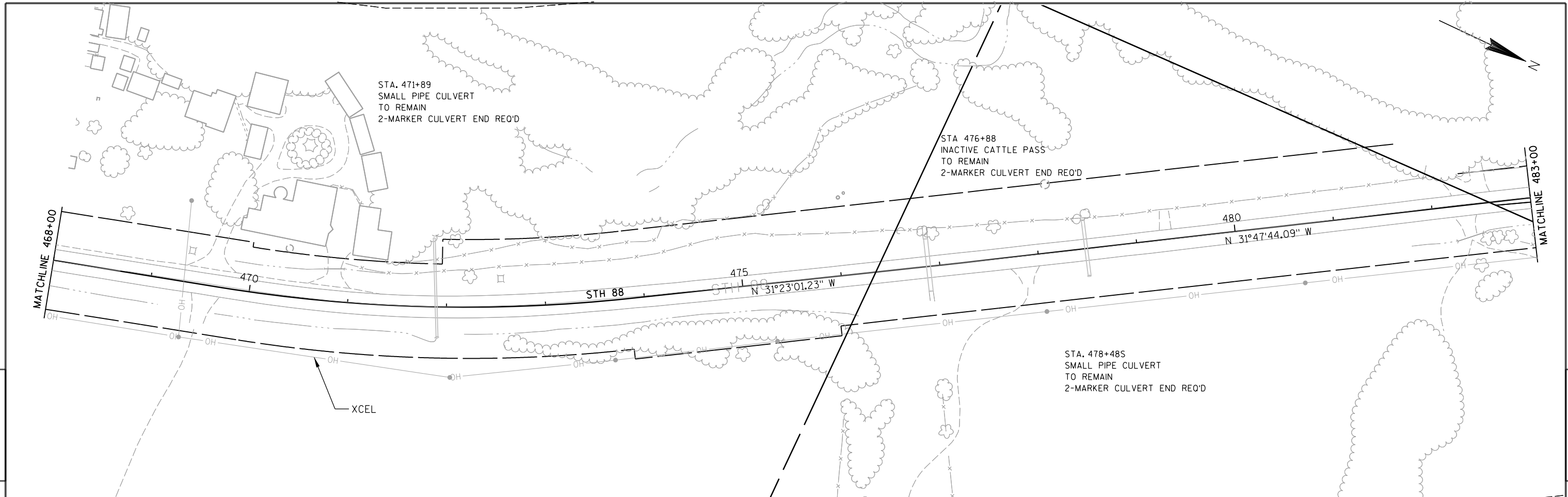


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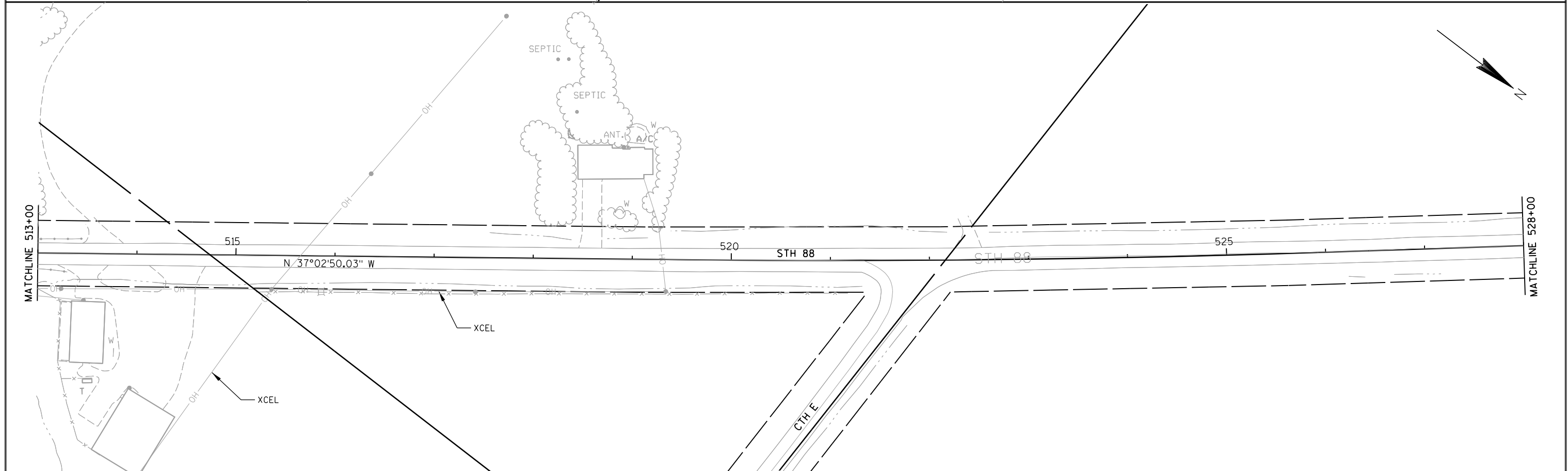
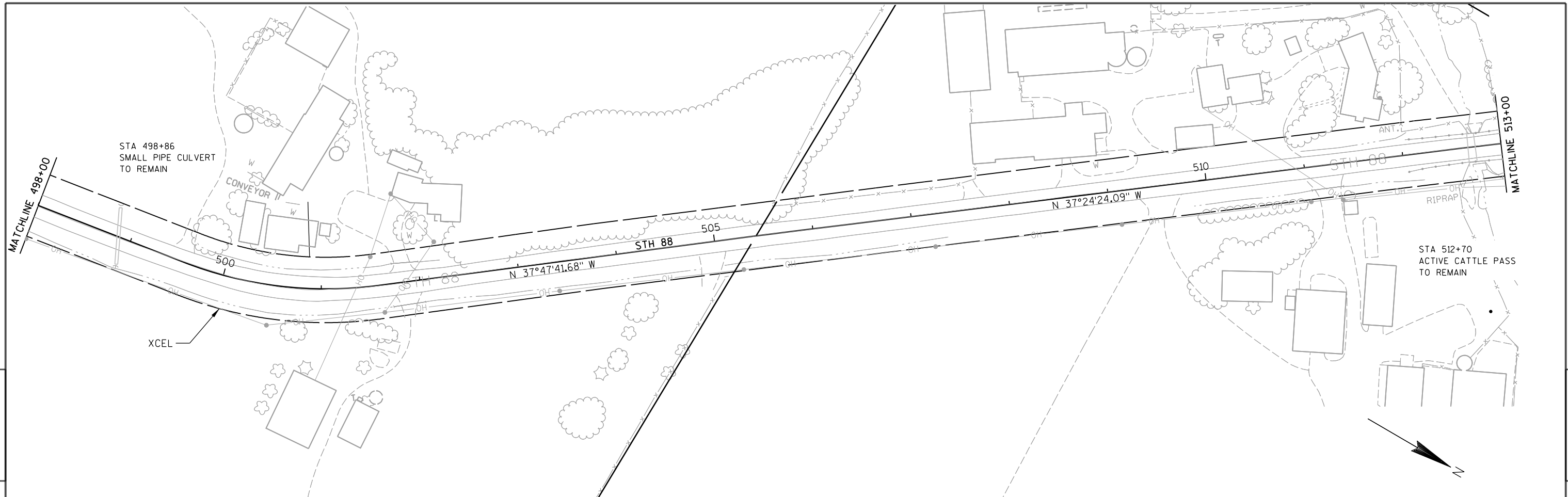




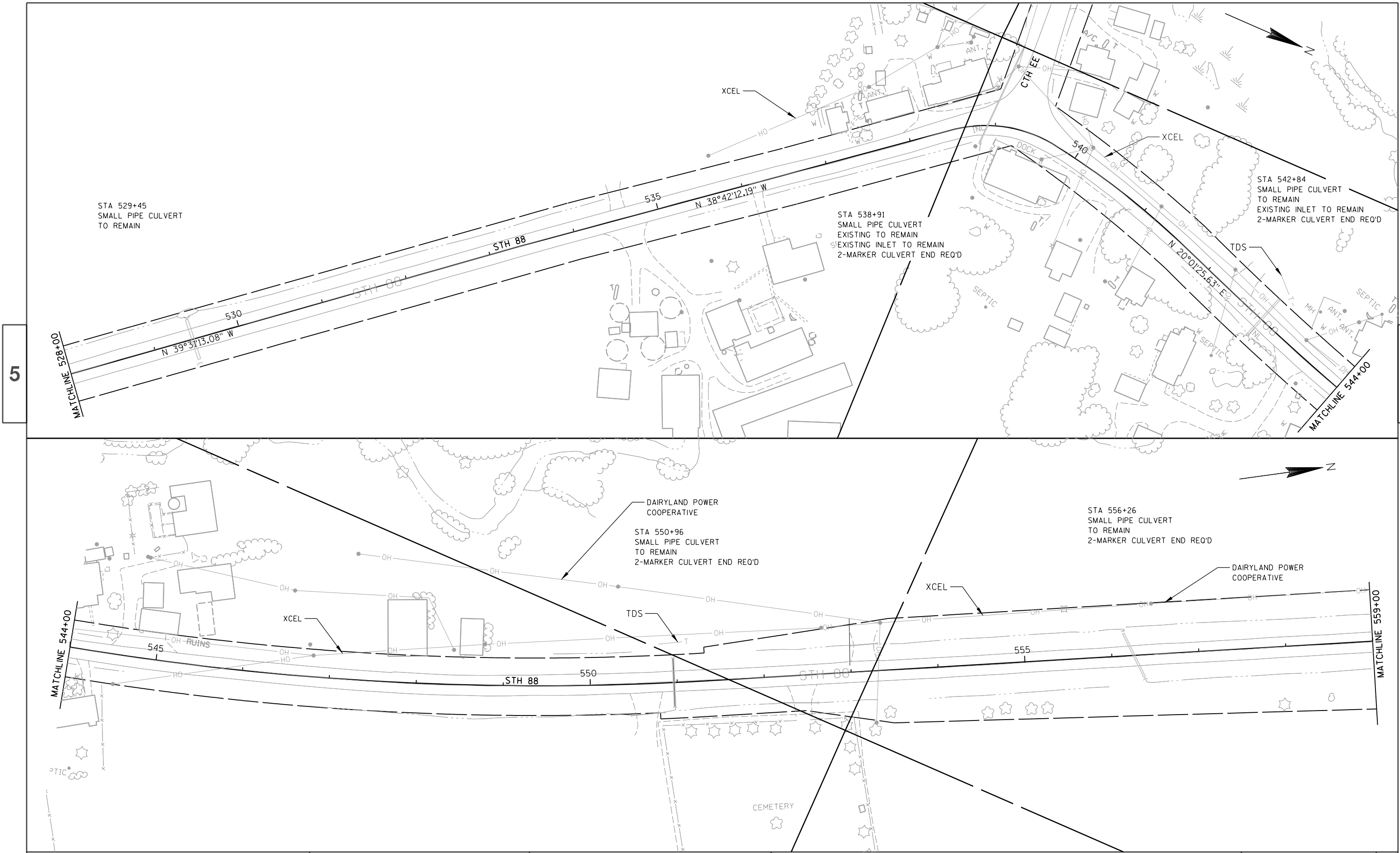
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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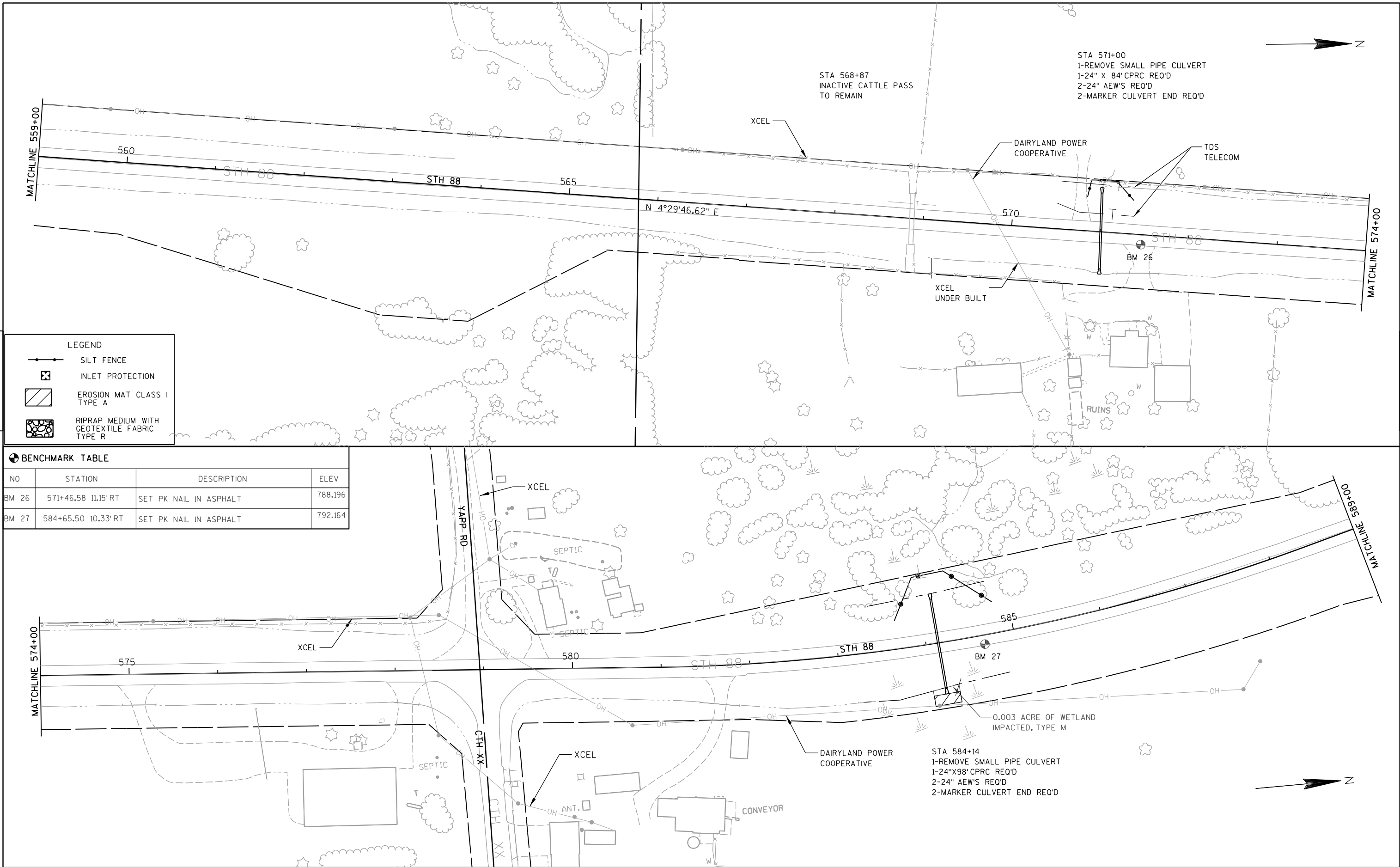


PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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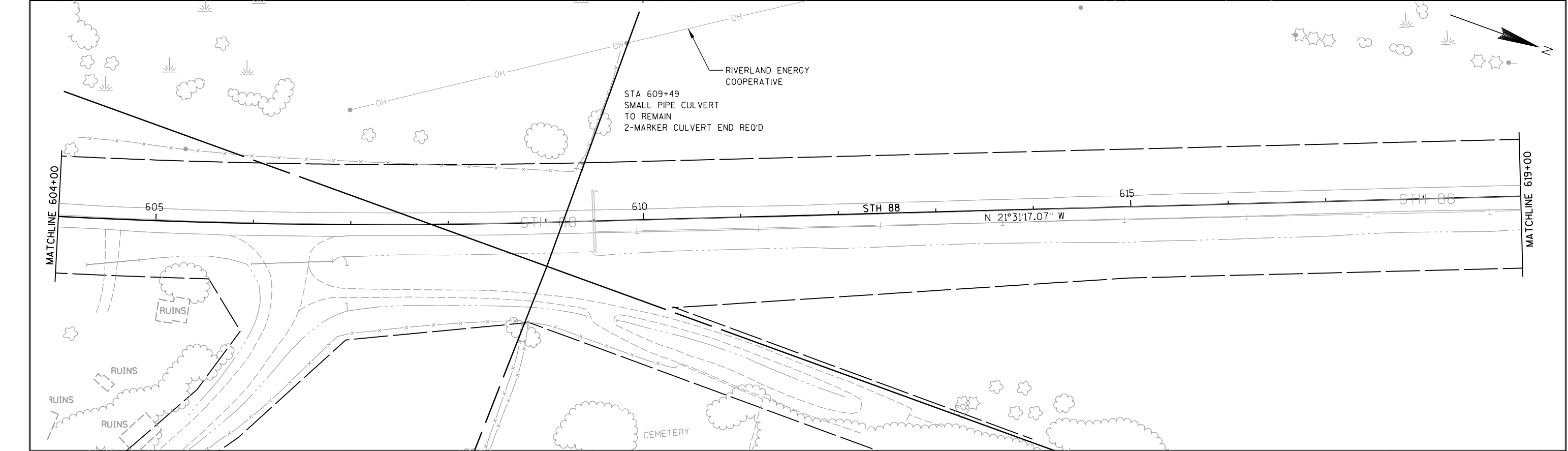
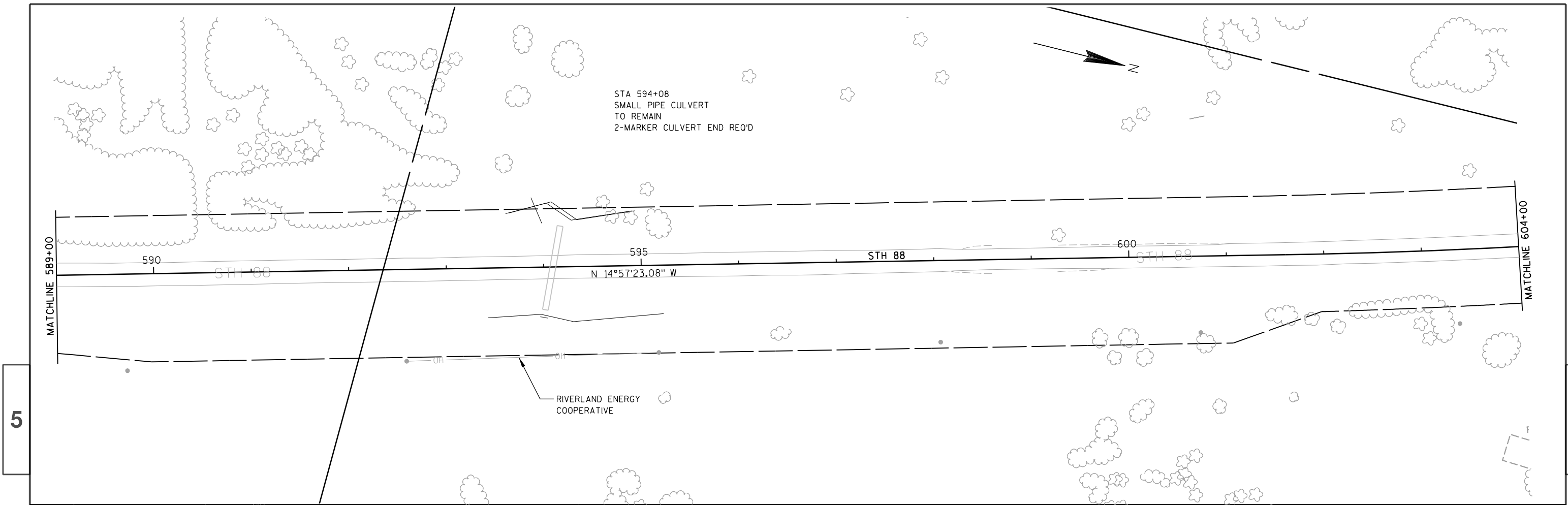


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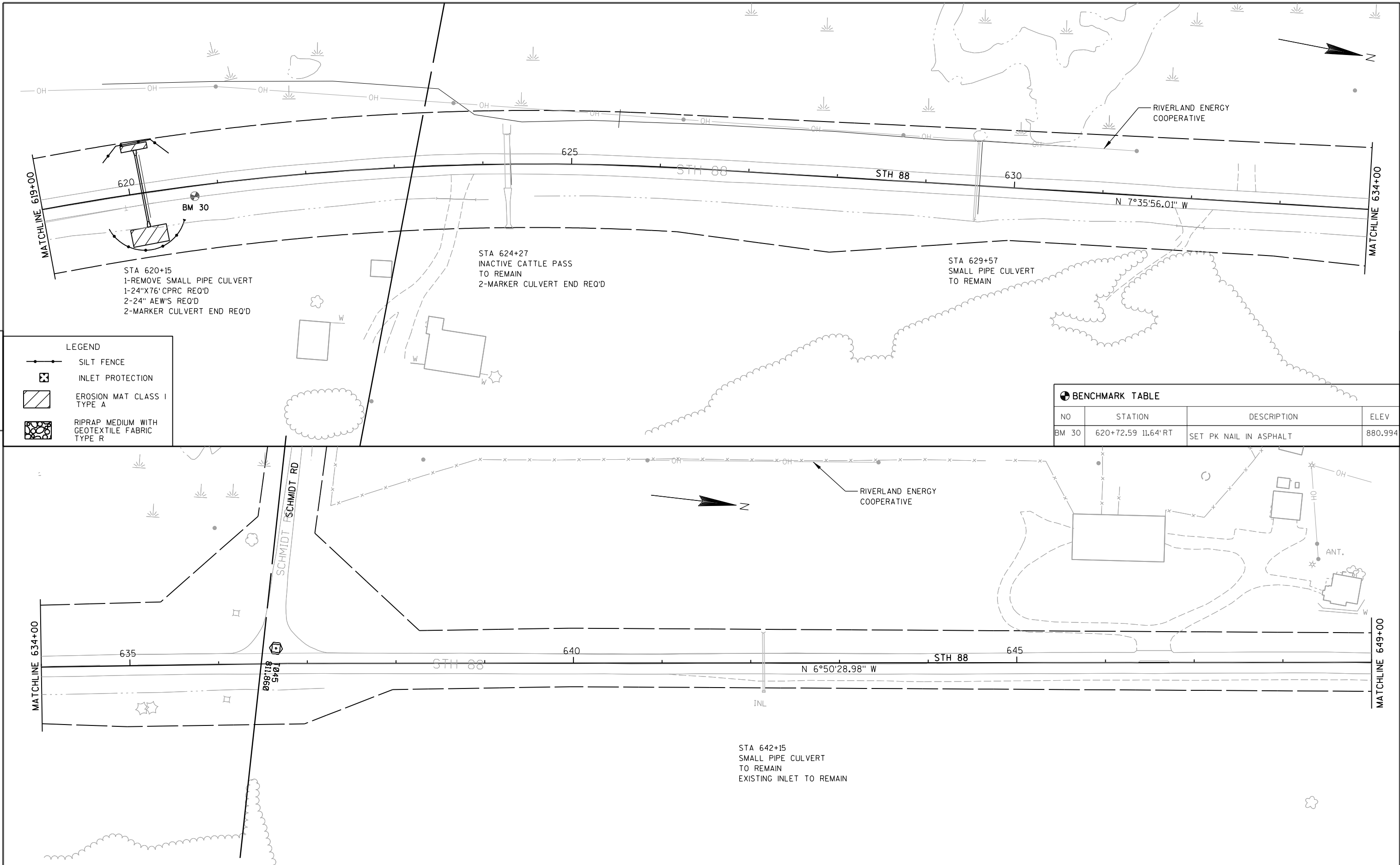
LEGEND

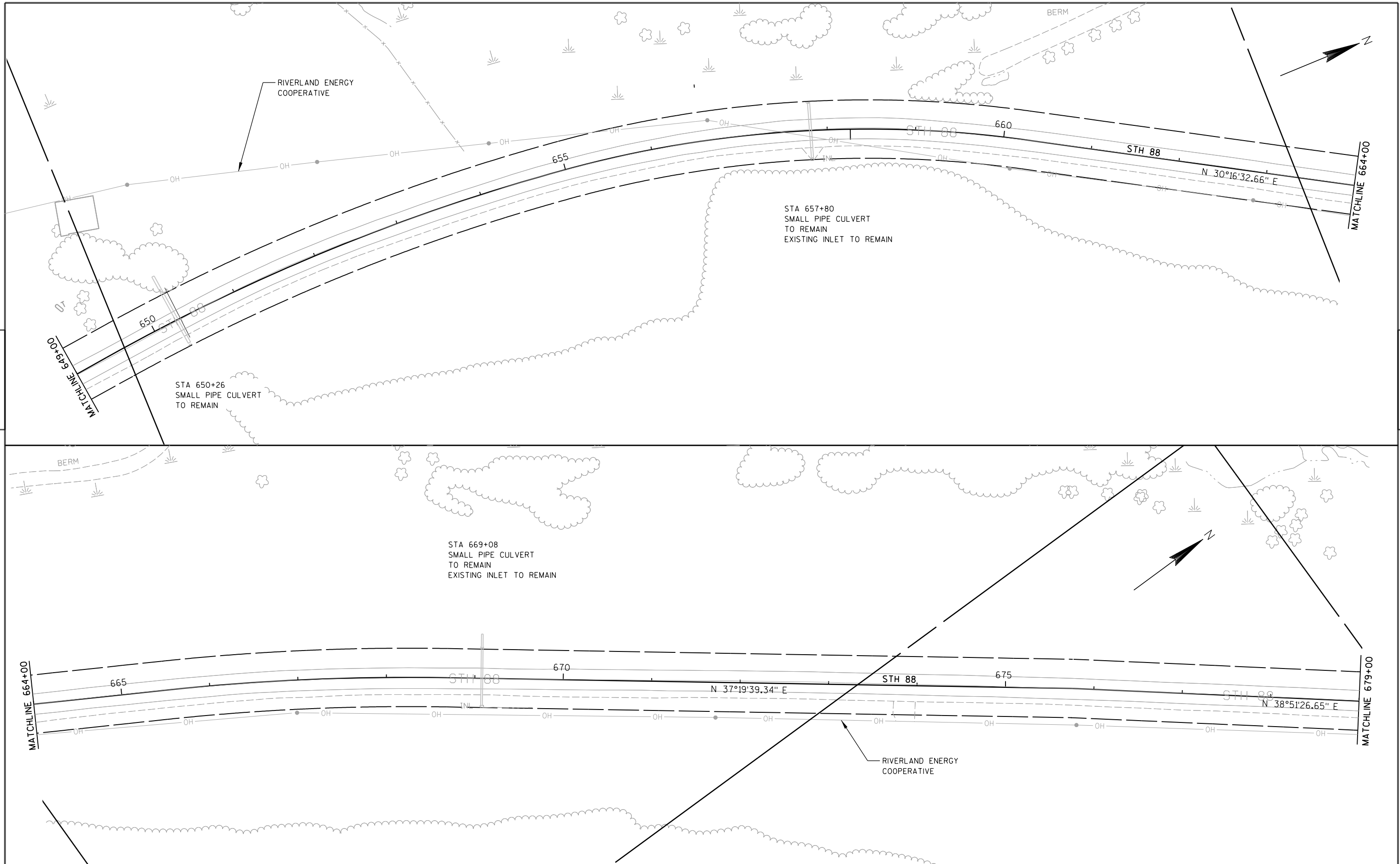
- SILT FENCE
- INLET PROTECTION
- EROSION MAT CLASS I TYPE A
- RIPRAP MEDIUM WITH GEOTEXTILE FABRIC TYPE R

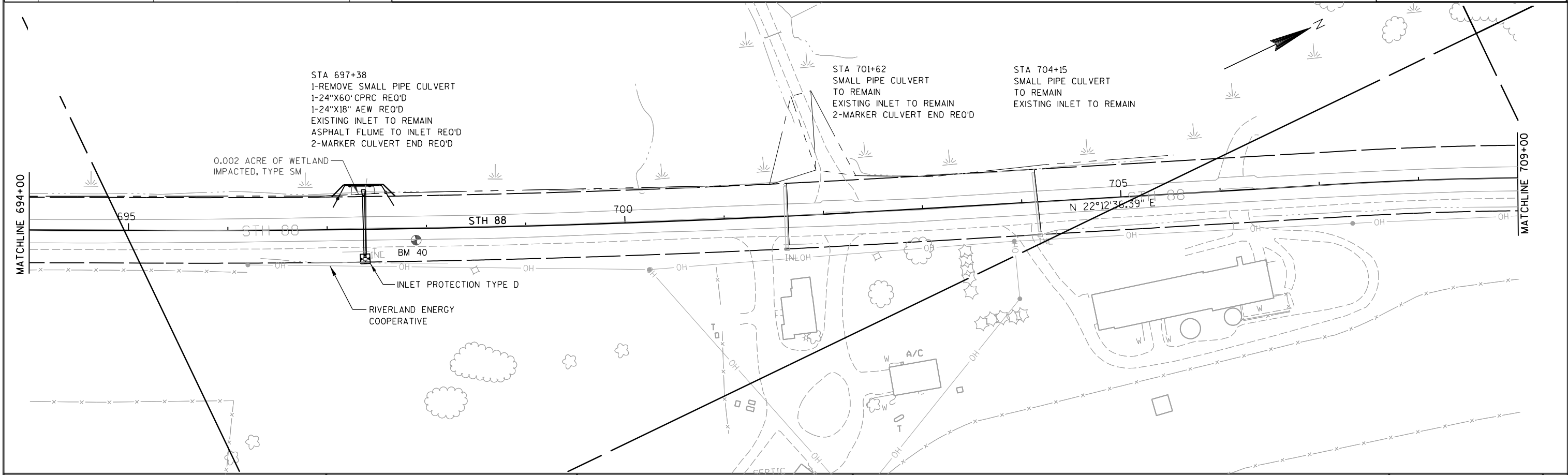
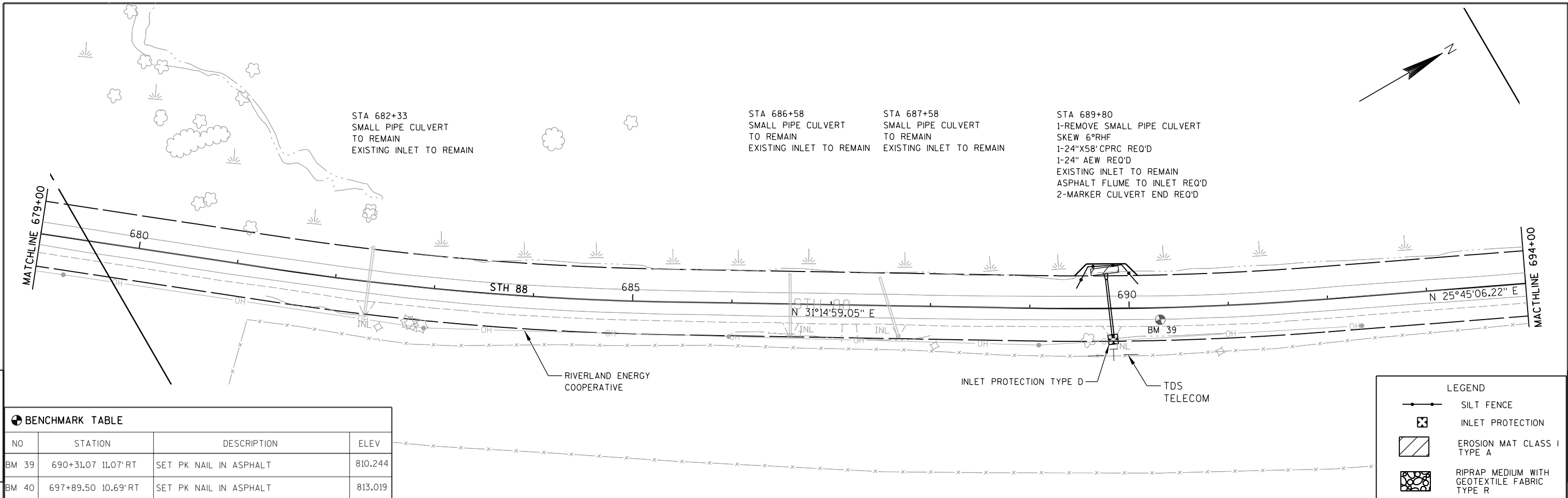
BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM 26	571+46.58 11.15' RT	SET PK NAIL IN ASPHALT	788.196
BM 27	584+65.50 10.33' RT	SET PK NAIL IN ASPHALT	792.164

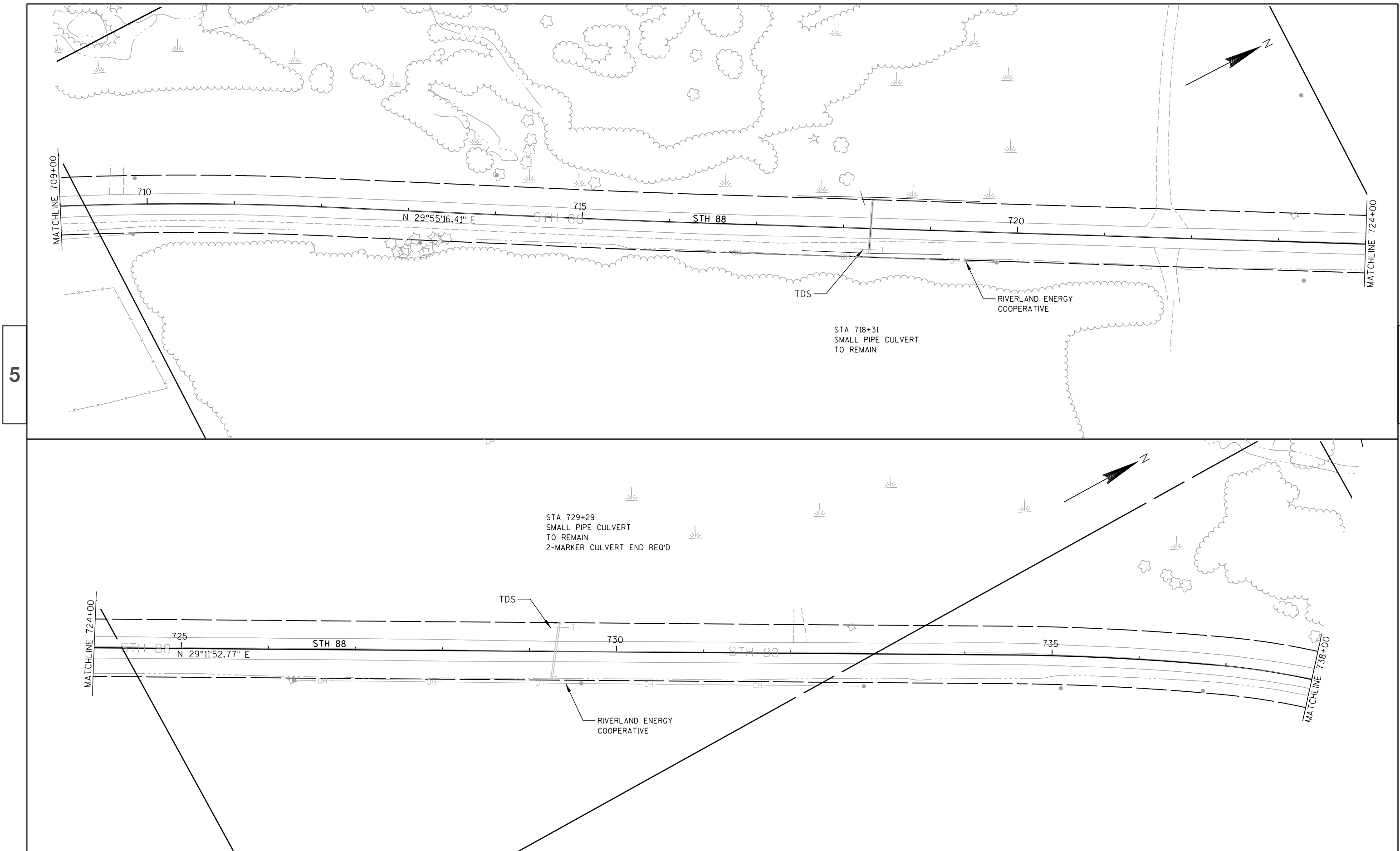


PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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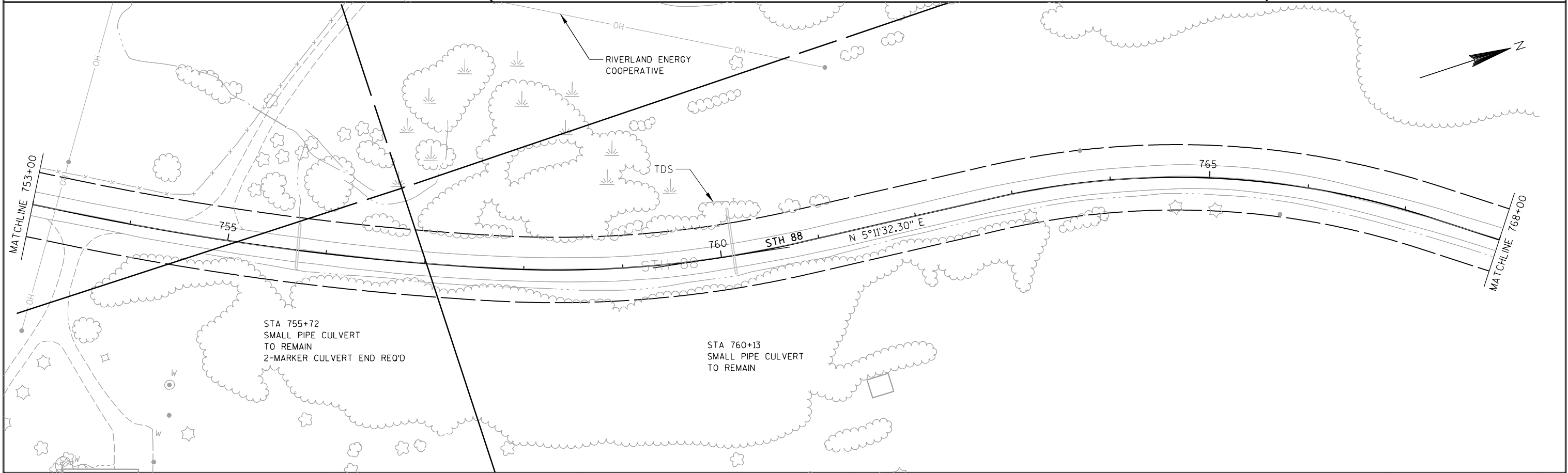
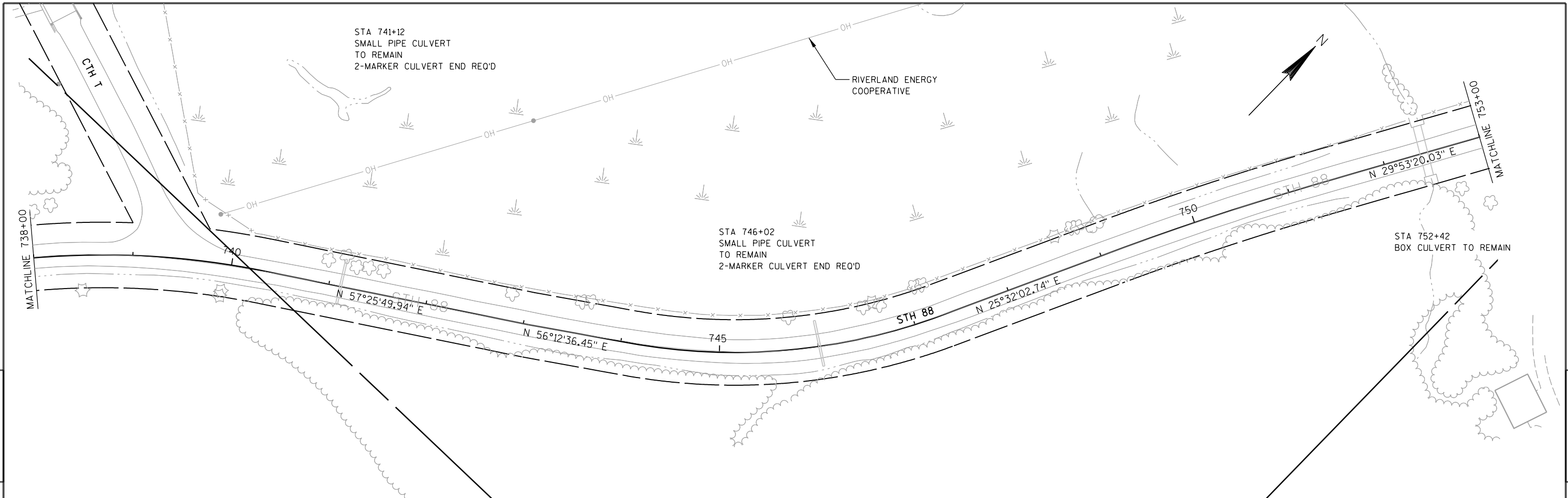




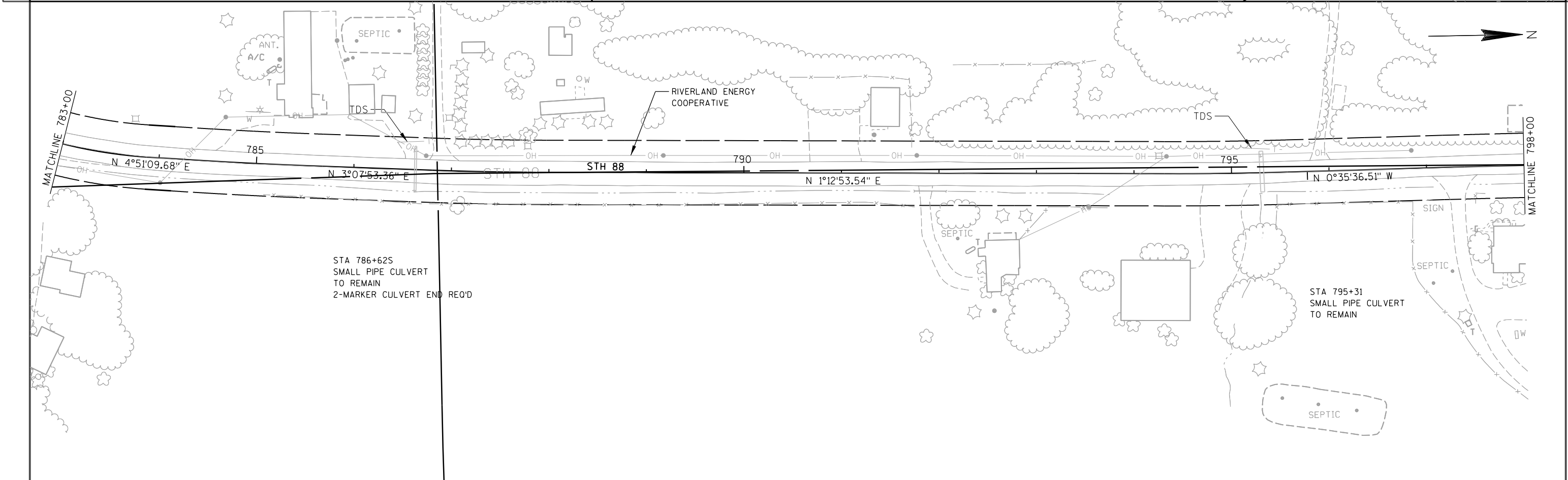
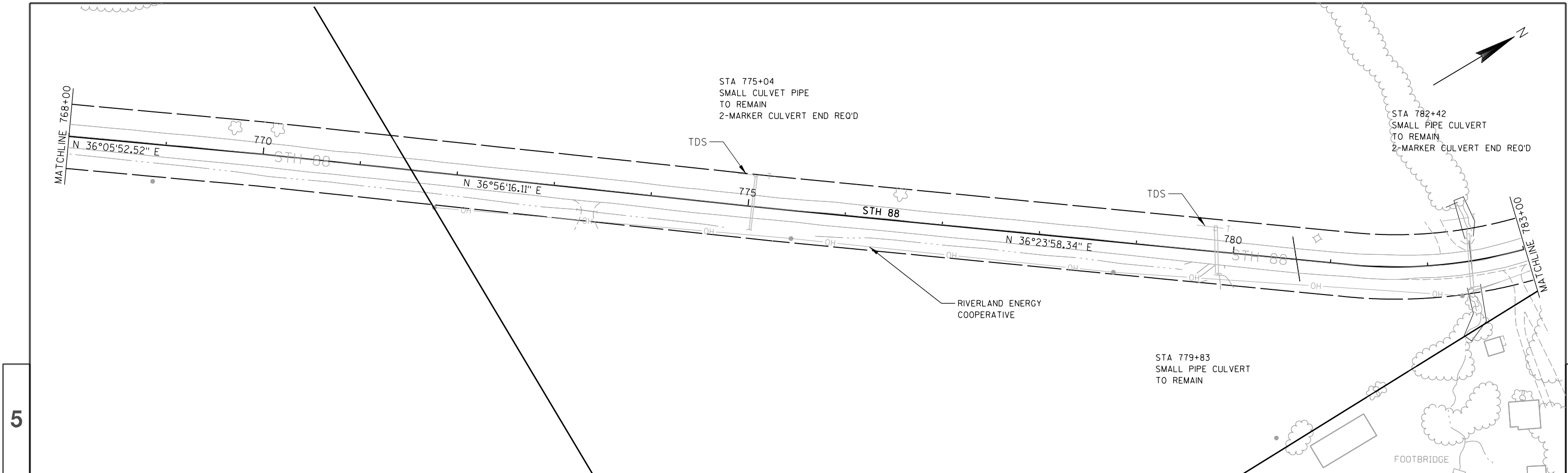
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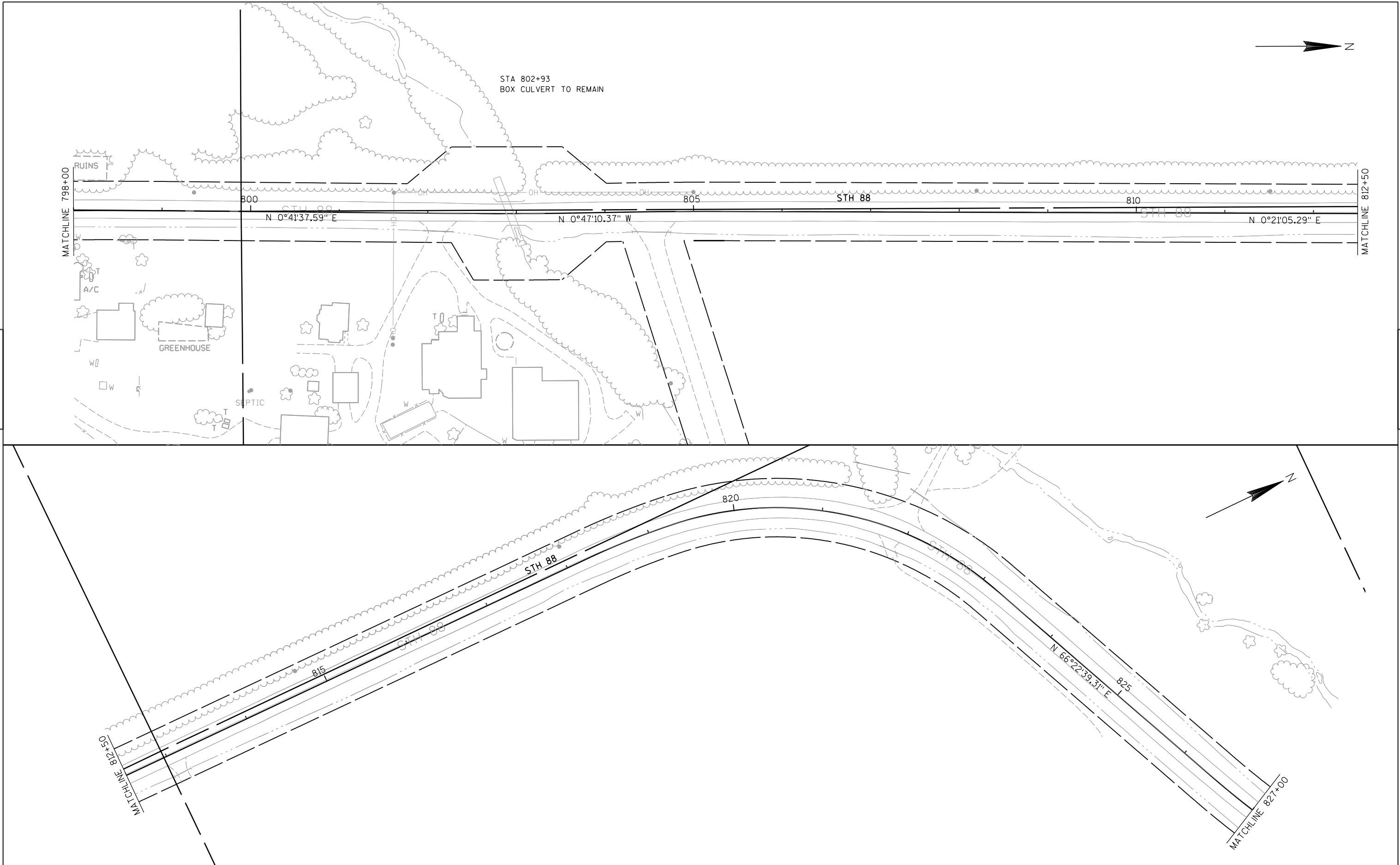
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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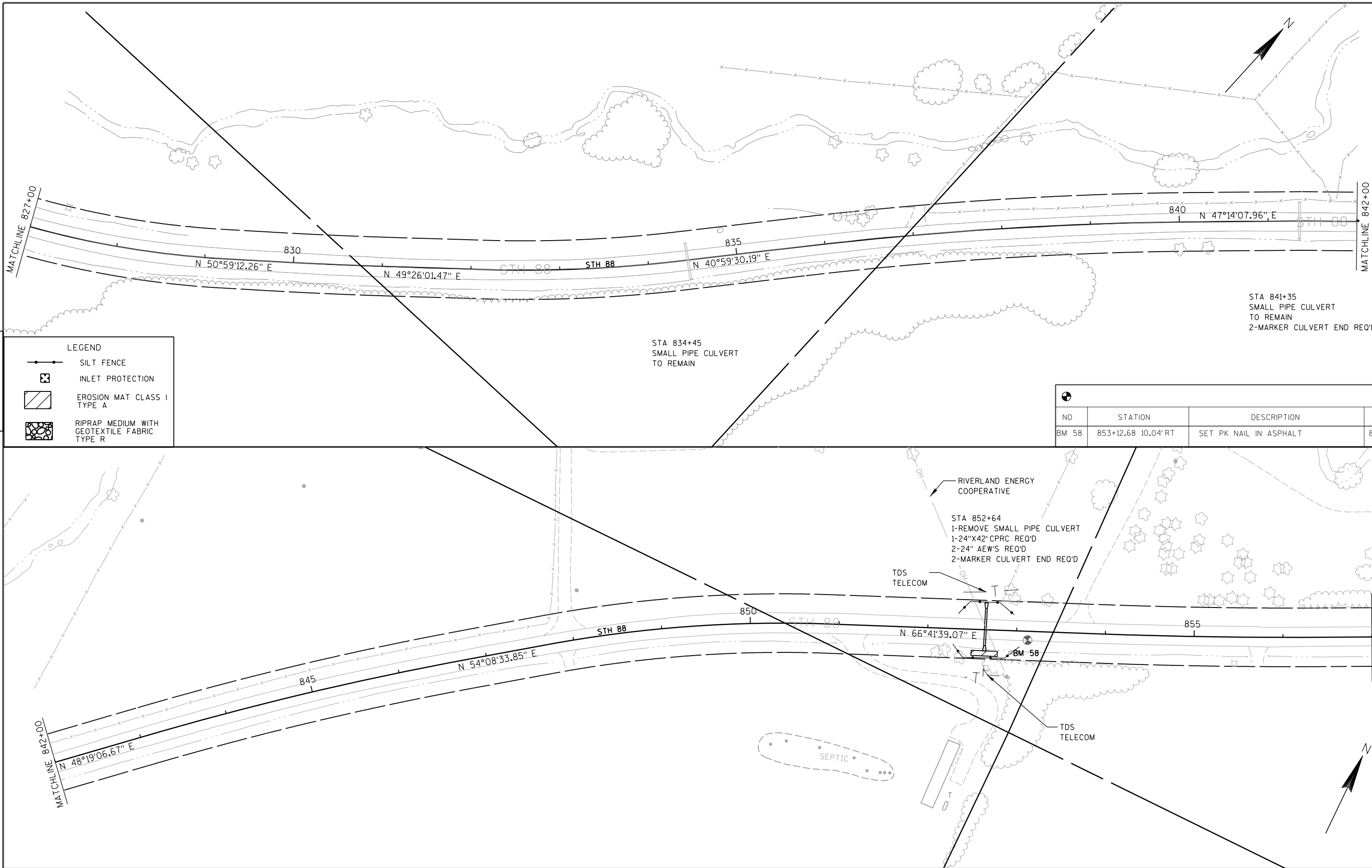


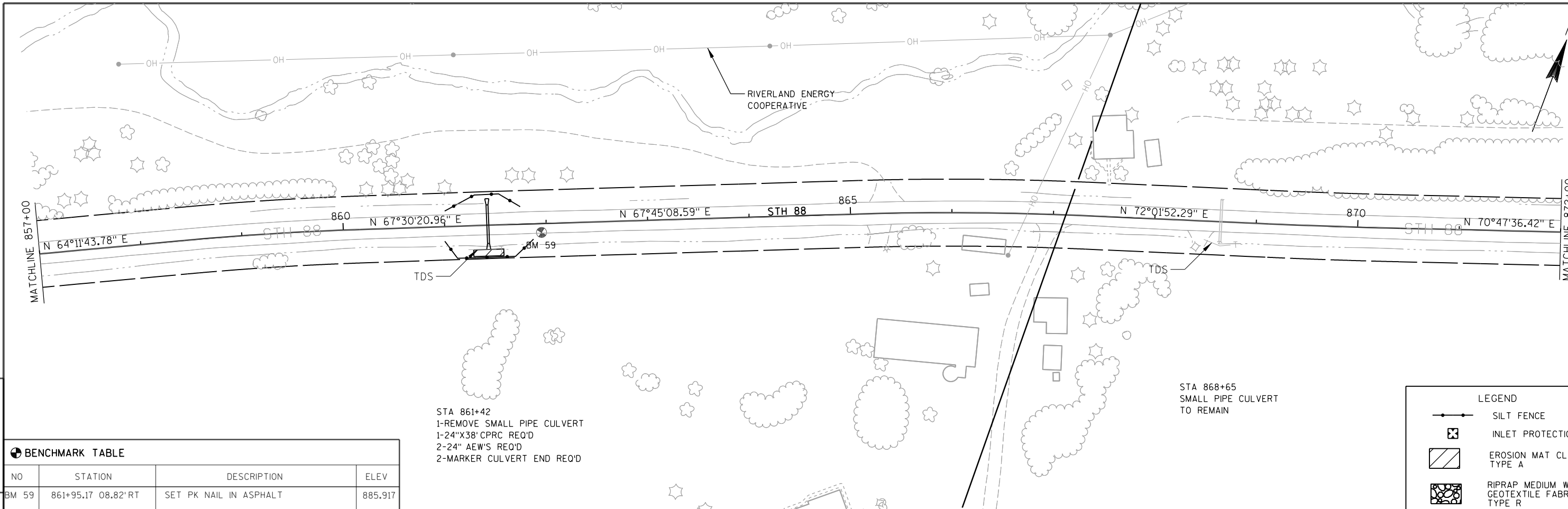
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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BENCHMARK TABLE

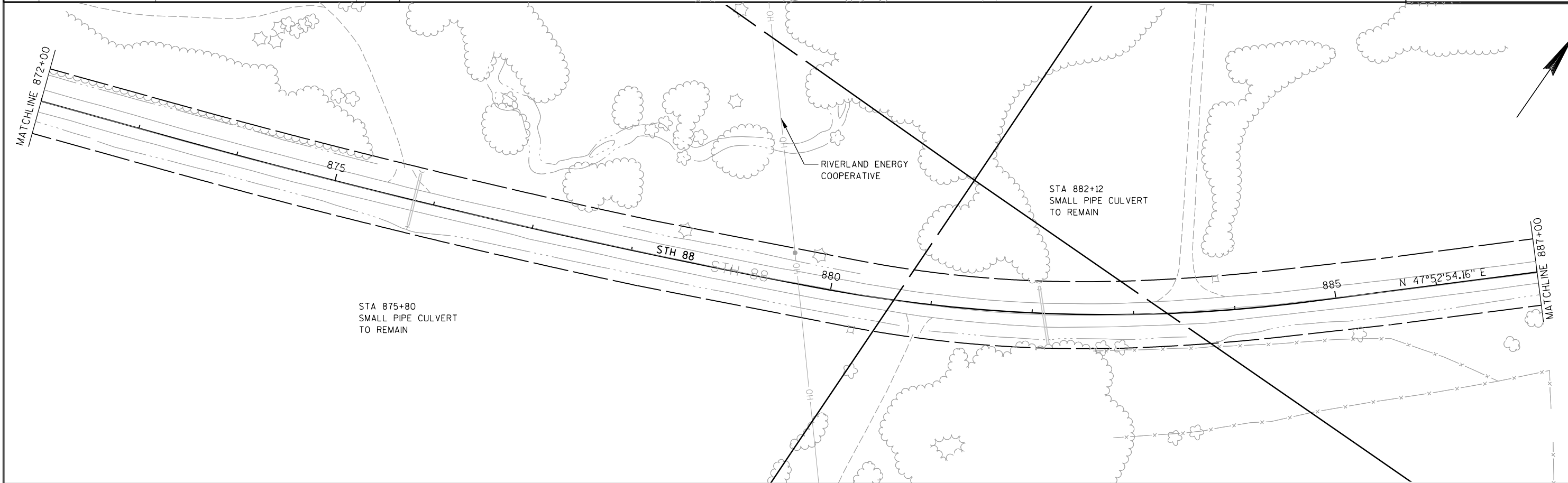
NO	STATION	DESCRIPTION	ELEV
BM 59	861+95.17 08.82' RT	SET PK NAIL IN ASPHALT	885.917

STA 861+42
 1-REMOVE SMALL PIPE CULVERT
 1-24"X38' CPRC REQ'D
 2-24" AEW'S REQ'D
 2-MARKER CULVERT END REQ'D

STA 868+65
 SMALL PIPE CULVERT
 TO REMAIN

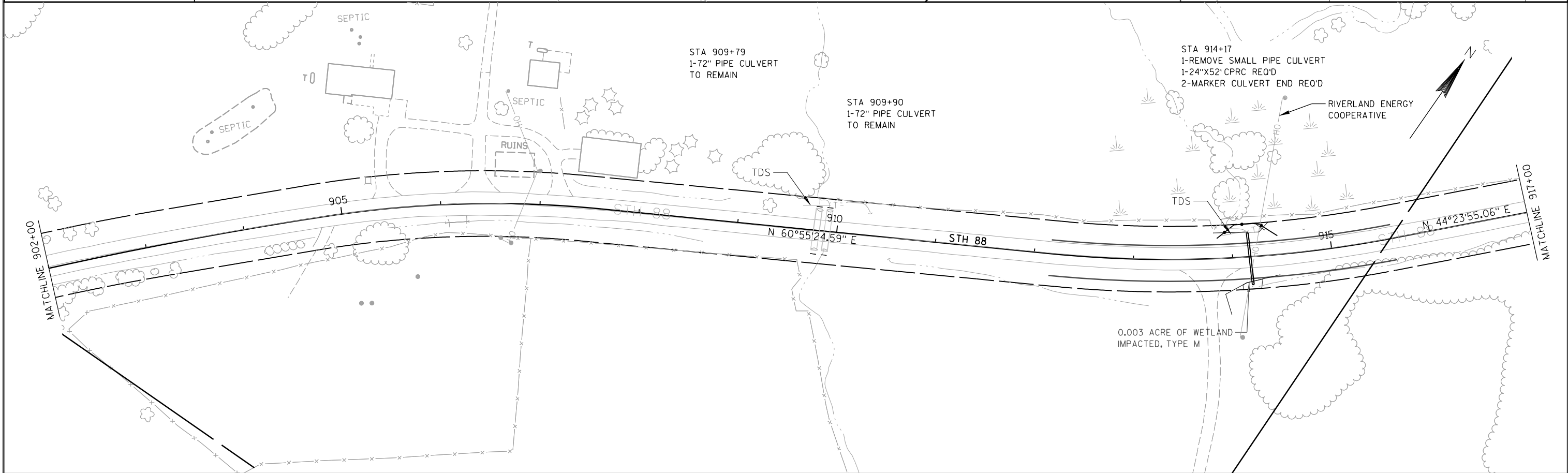
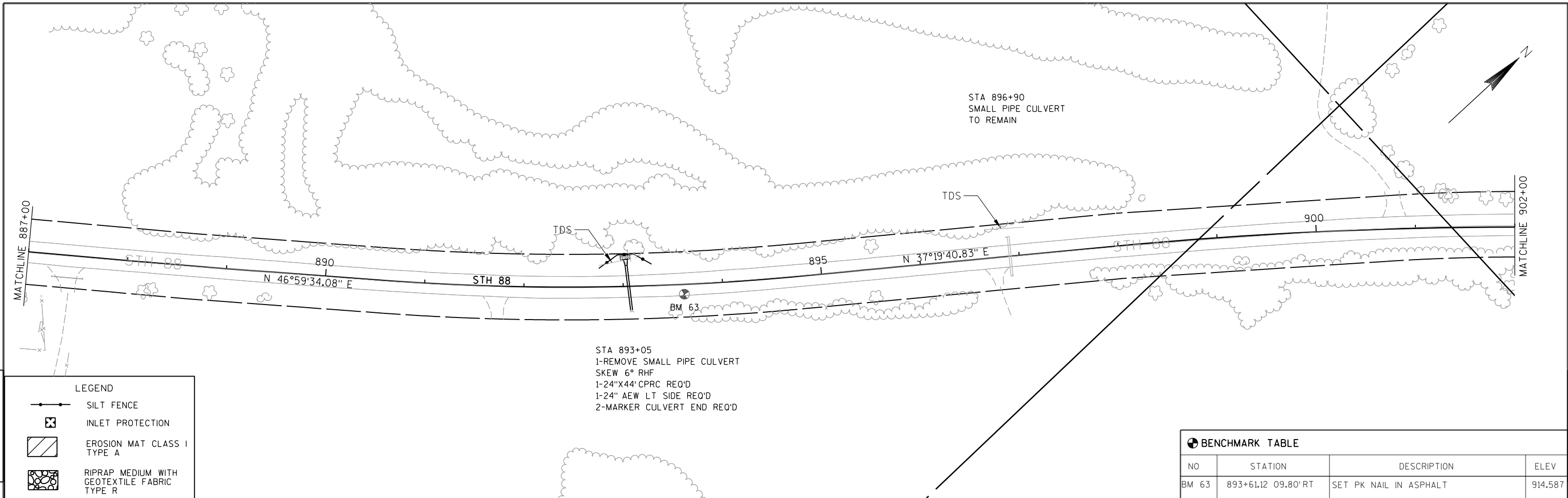
LEGEND

- SILT FENCE
- INLET PROTECTION
- EROSION MAT CLASS I TYPE A
- RIPRAP MEDIUM WITH GEOTEXTILE FABRIC TYPE R

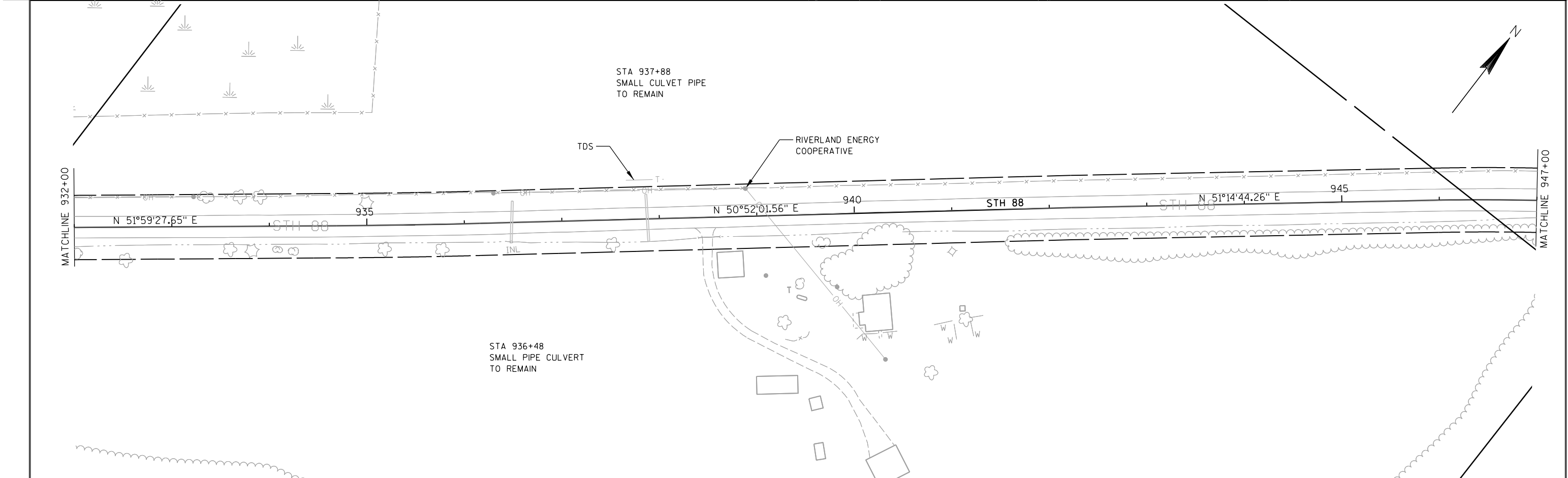
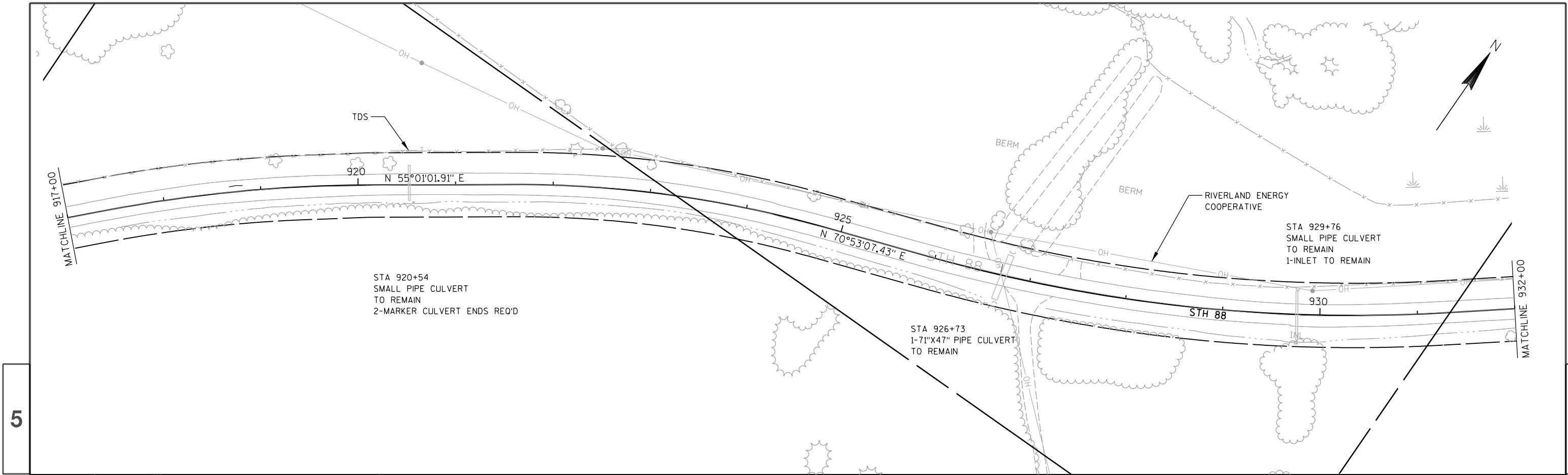


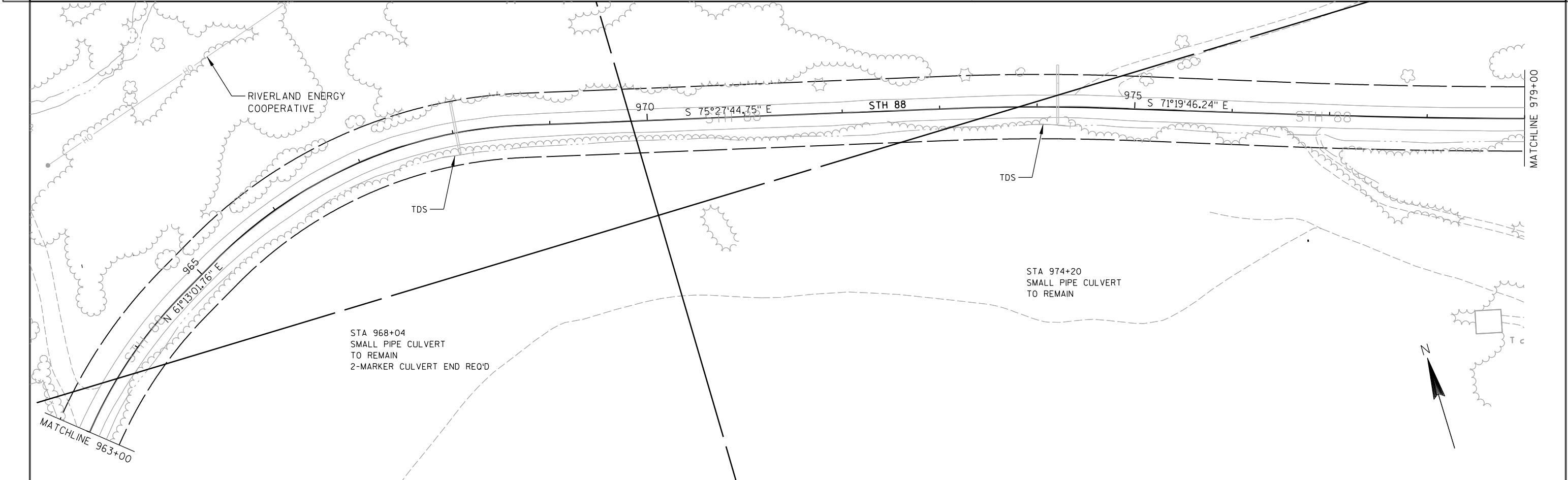
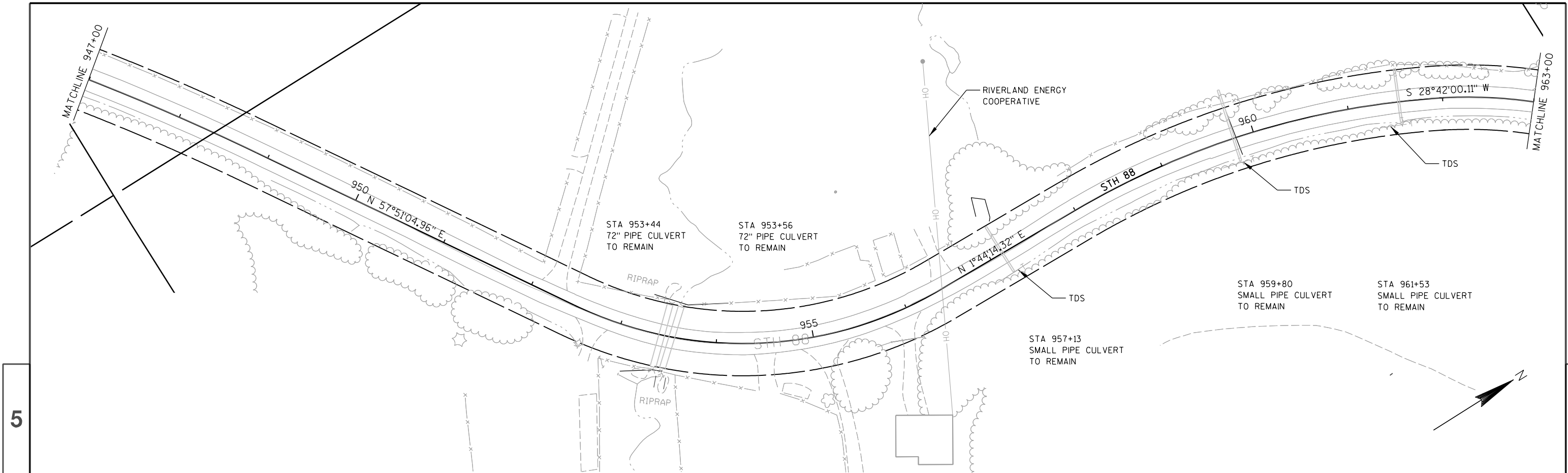
STA 875+80
 SMALL PIPE CULVERT
 TO REMAIN

STA 882+12
 SMALL PIPE CULVERT
 TO REMAIN

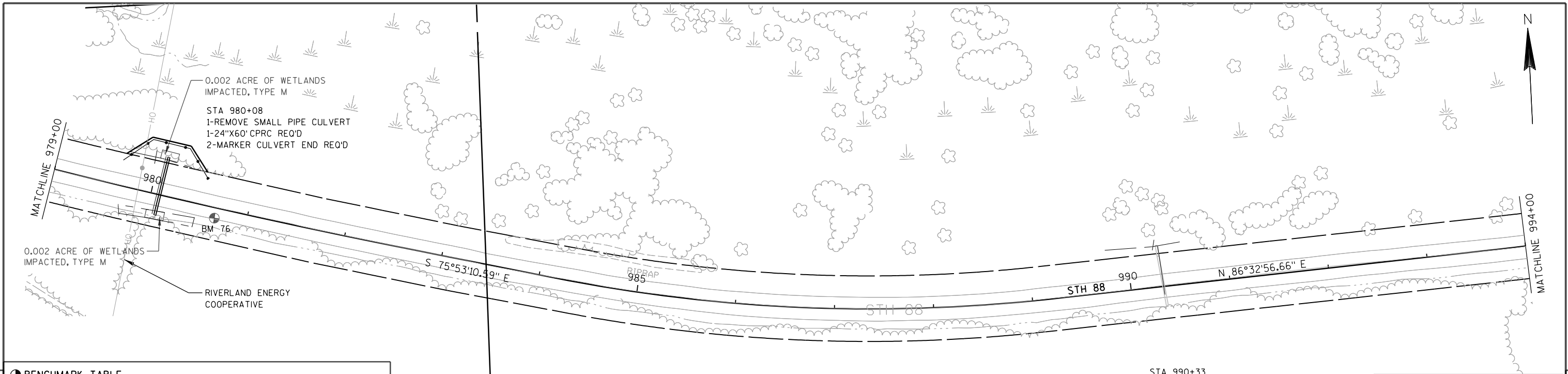


PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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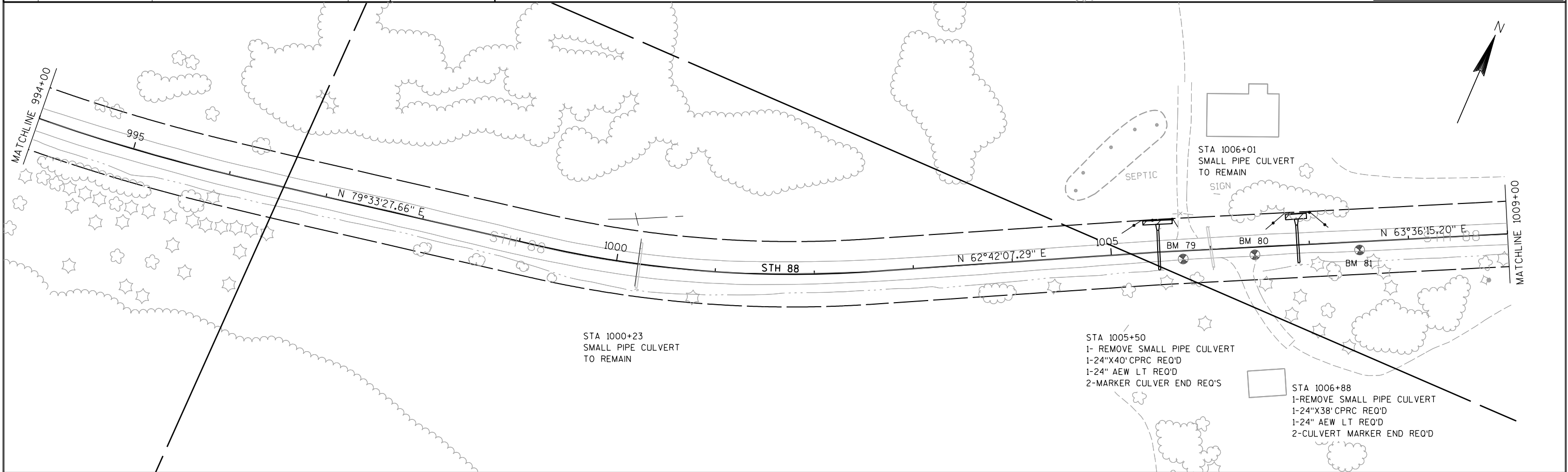


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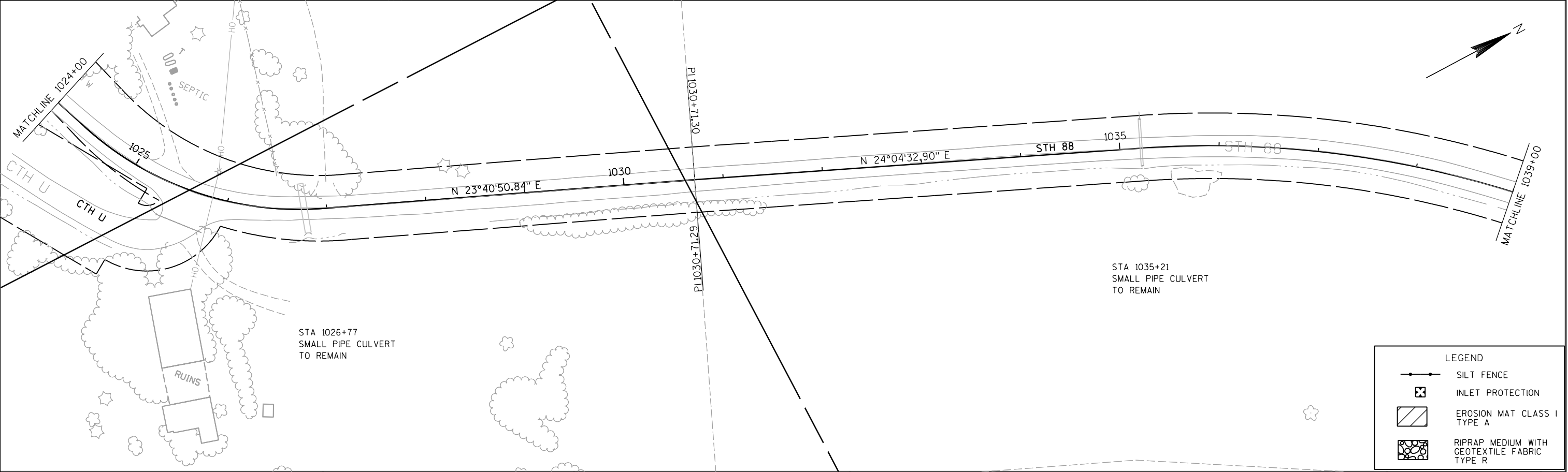
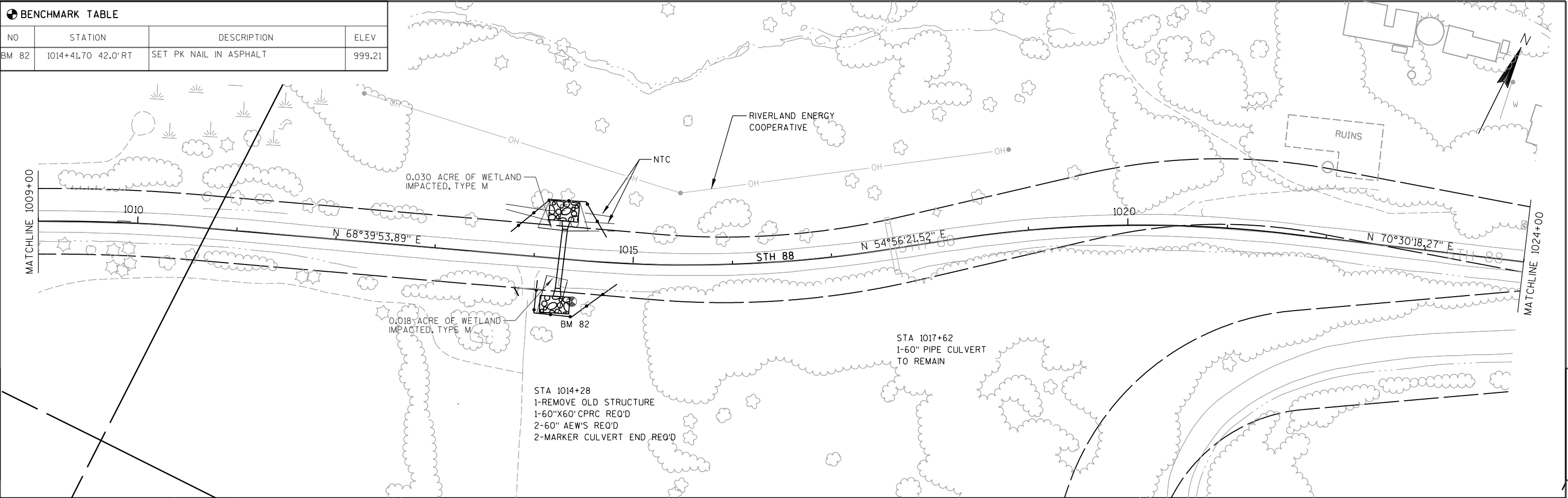
BENCHMARK TABLE				
NO	STATION		DESCRIPTION	ELEV
BM 76	980+67.86	10.49'RT	SET PK NAIL IN ASPHALT	990.583
BM 79	1005+72.19	08.30'RT	SET PK NAIL IN ASPHALT	1006.881
BM 80	1006+44.63	07.86'RT	SET PK NAIL IN ASPHALT	1007.321
BM 81	1007+50.28	08.45'RT	SET PK NAIL IN ASPHALT	1007.607

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LEGEND	
	SILT FENCE
	INLET PROTECTION
	EROSION MAT CLASS I TYPE A
	RIPRAP MEDIUM WITH GEOTEXTILE FABRIC TYPE R

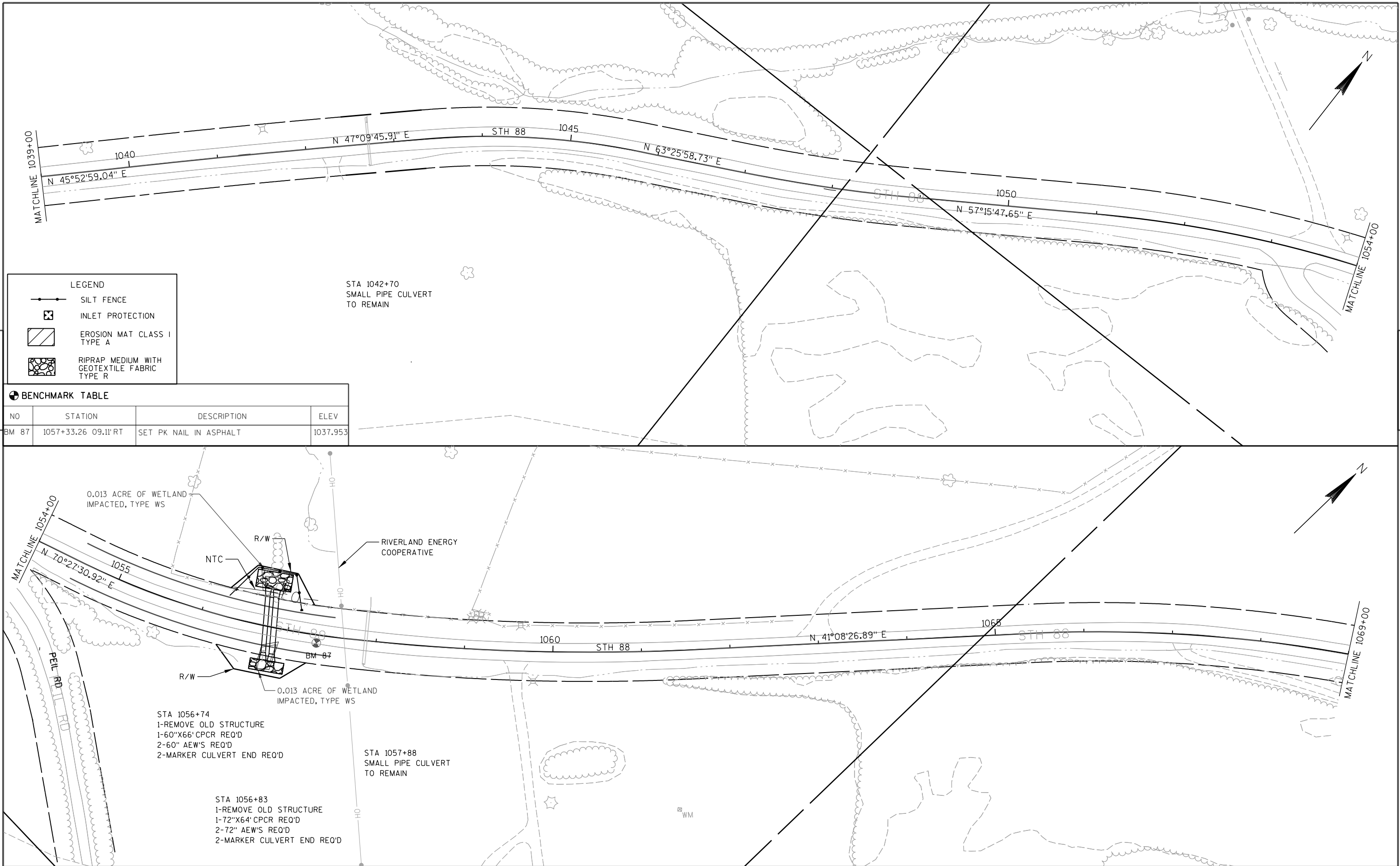


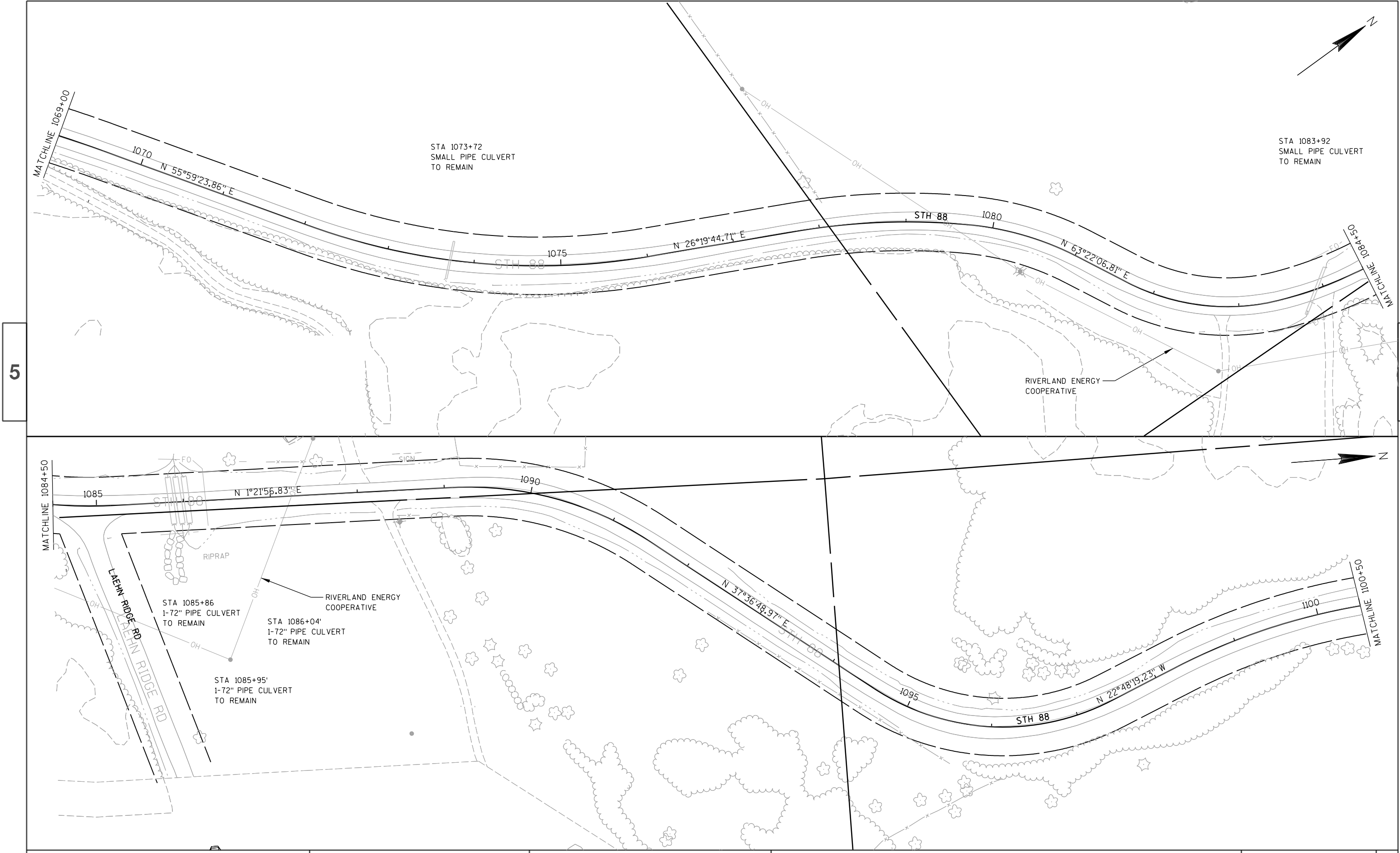
BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM 82	1014+41.70 42.0' RT	SET PK NAIL IN ASPHALT	999.21



LEGEND	
	SILT FENCE
	INLET PROTECTION
	EROSION MAT CLASS I TYPE A
	RIPRAP MEDIUM WITH GEOTEXTILE FABRIC TYPE R

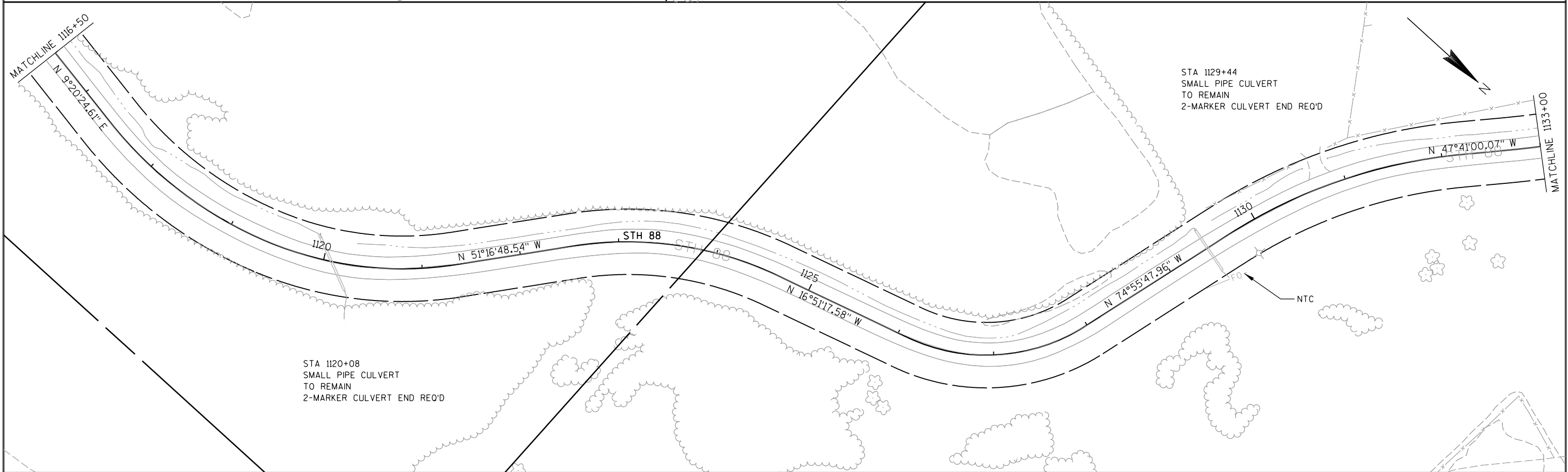
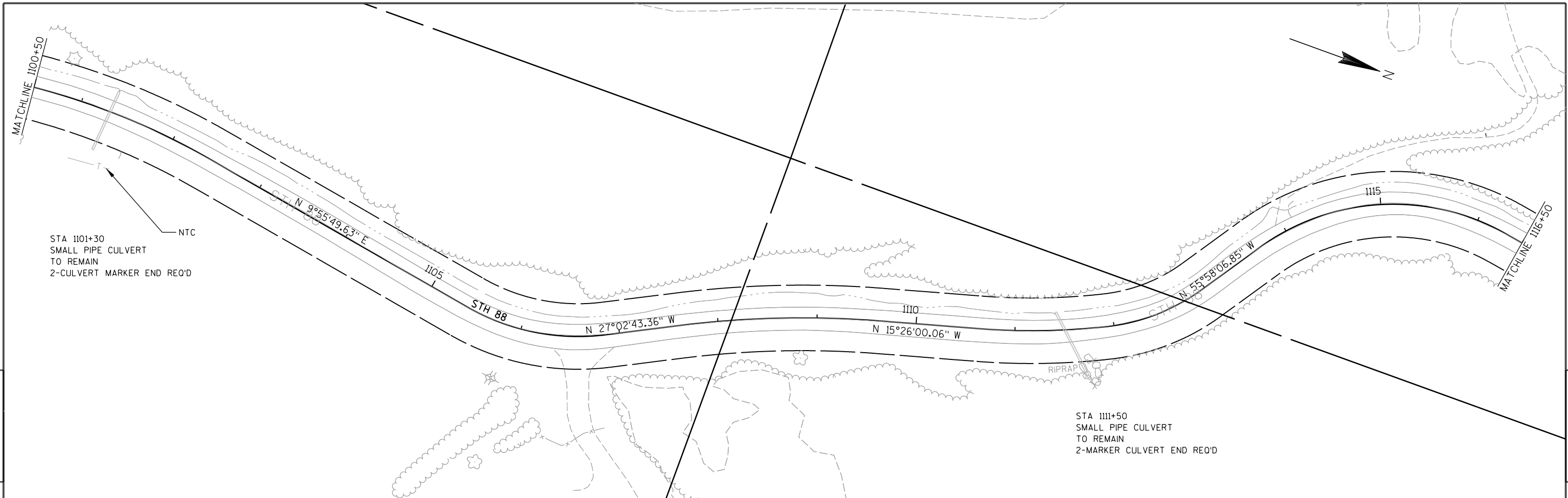
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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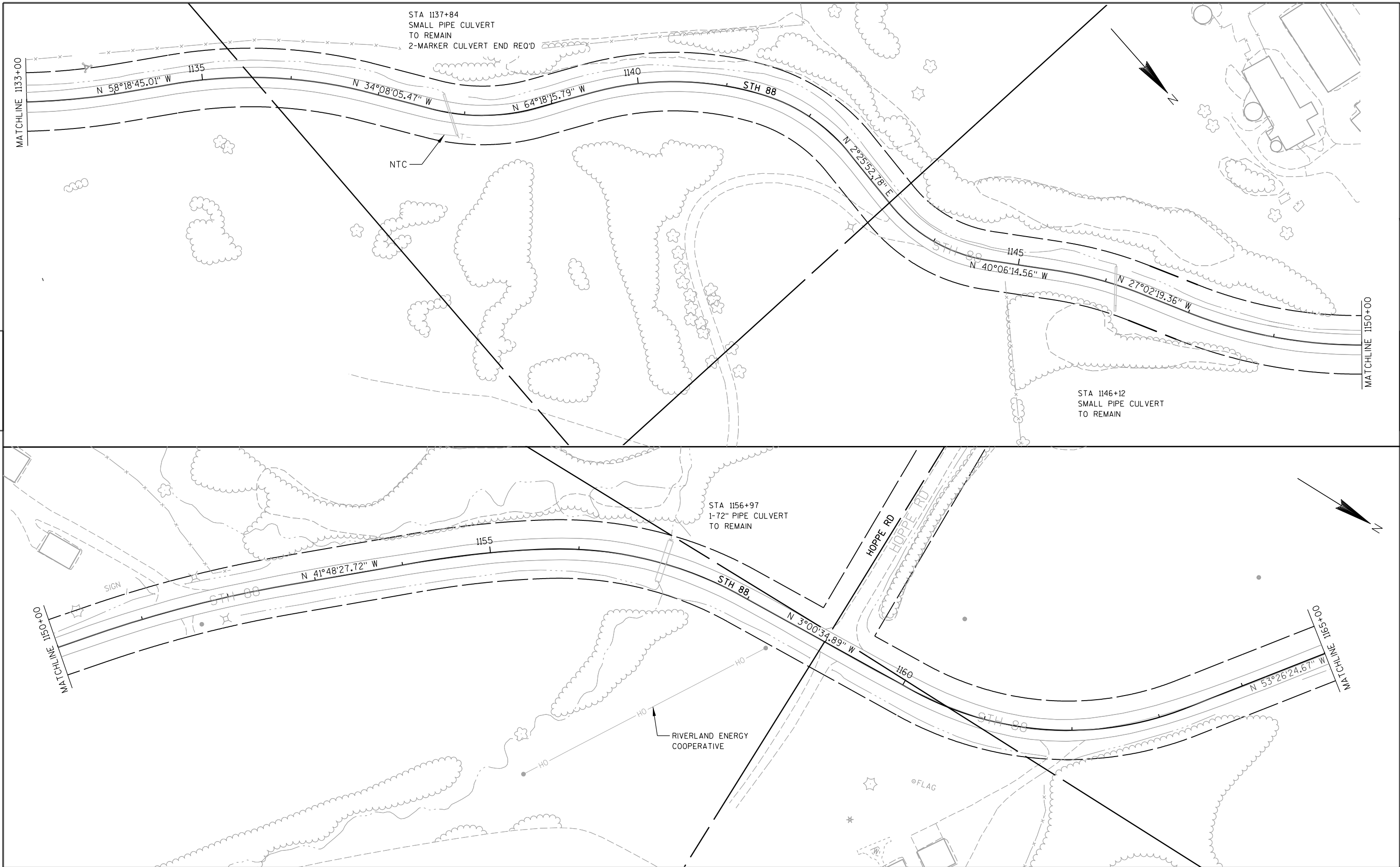


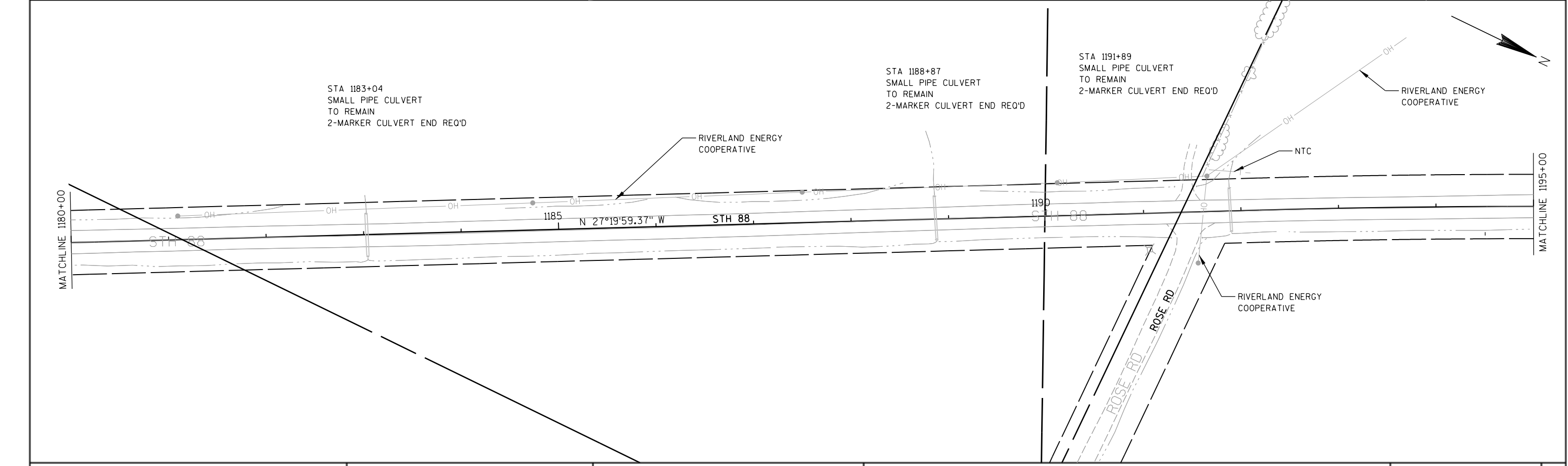
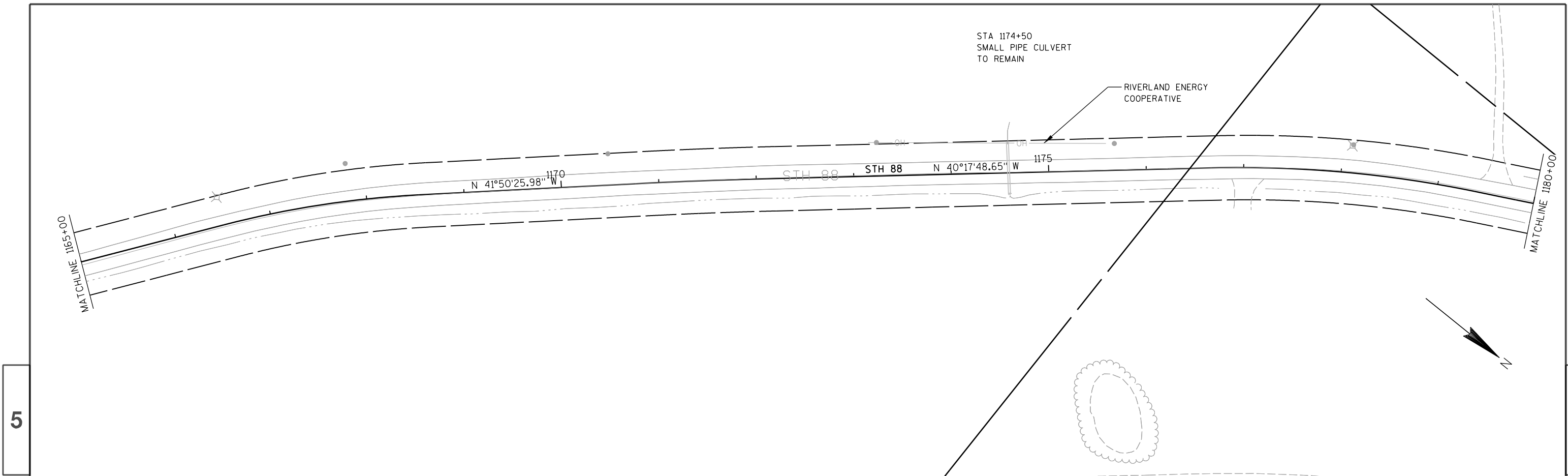
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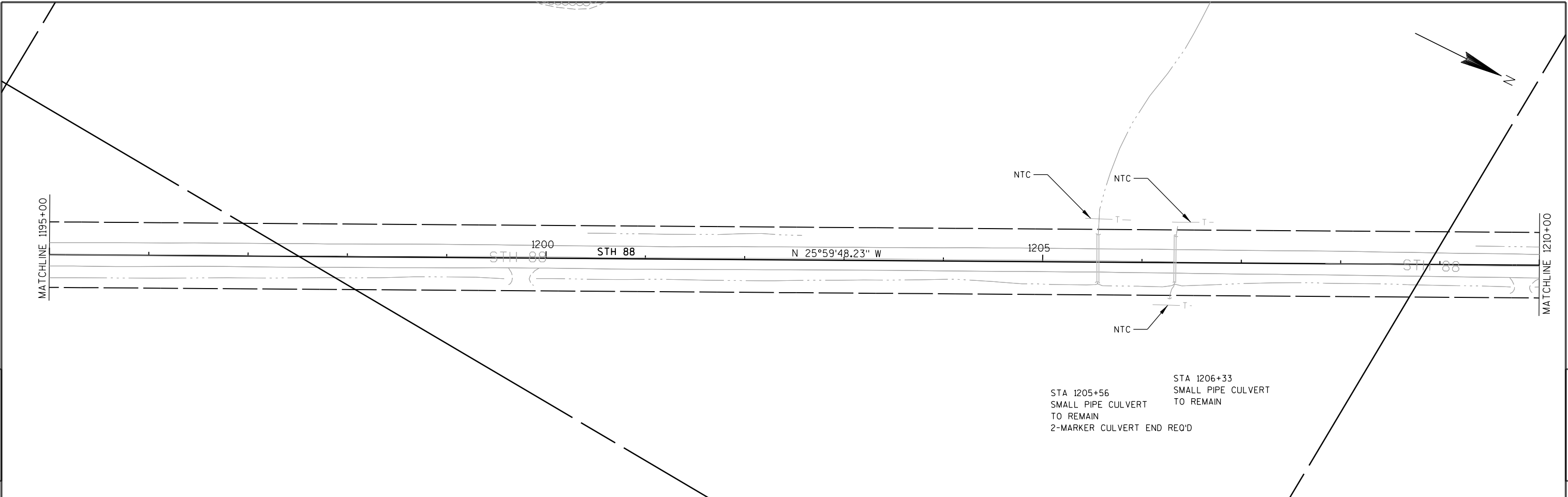


PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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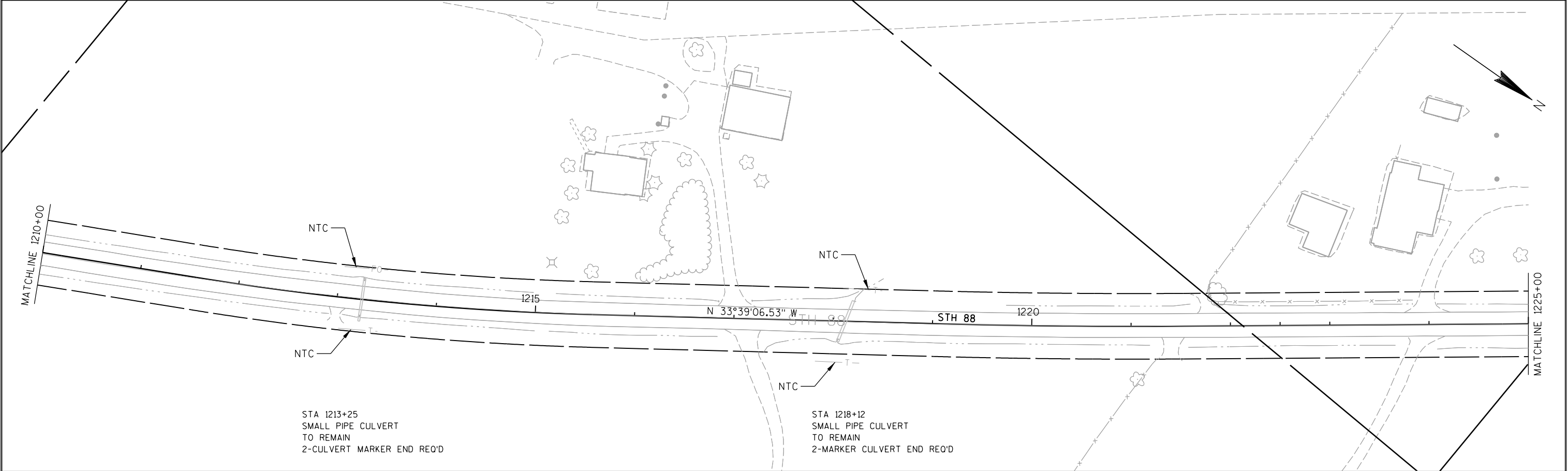


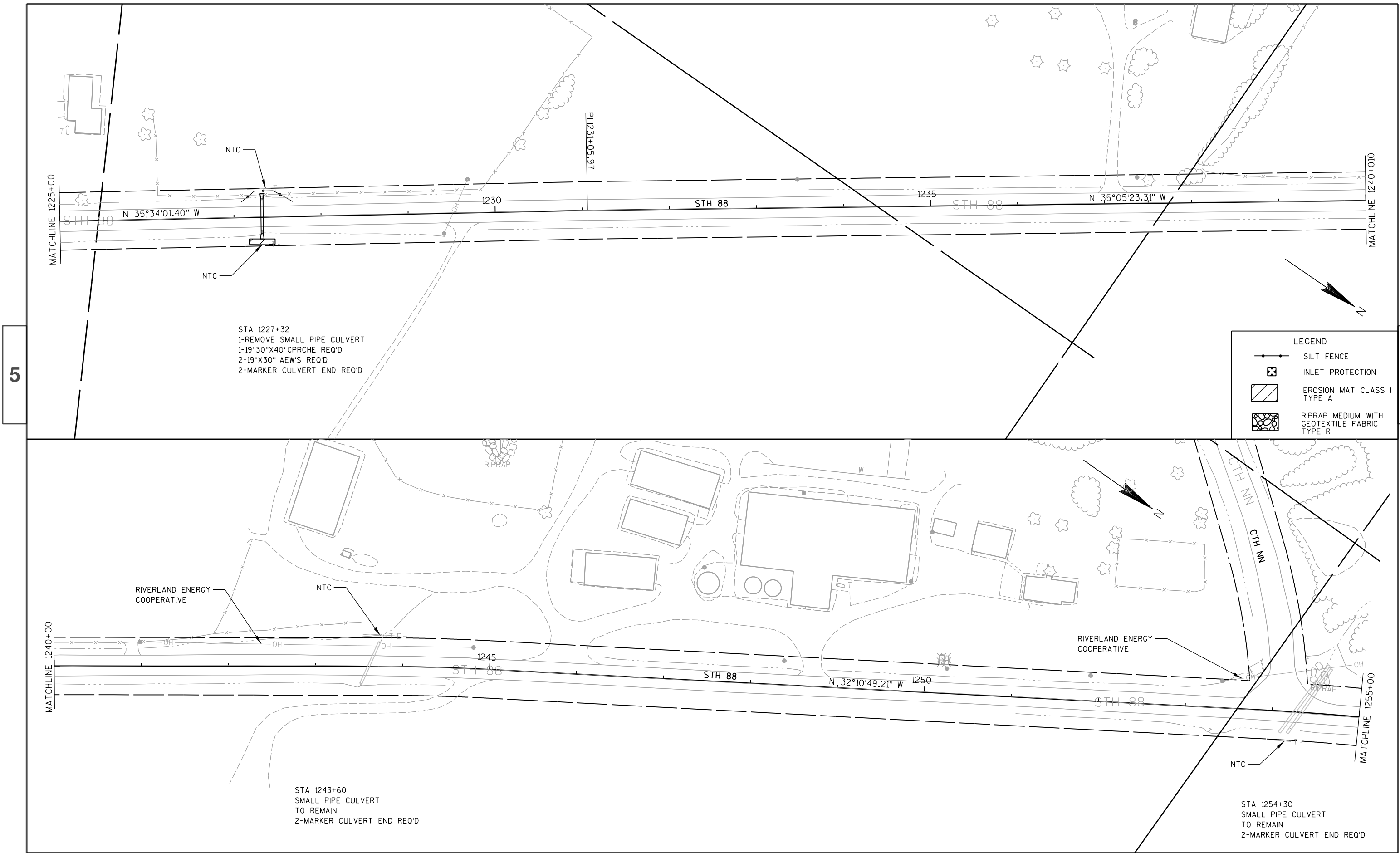


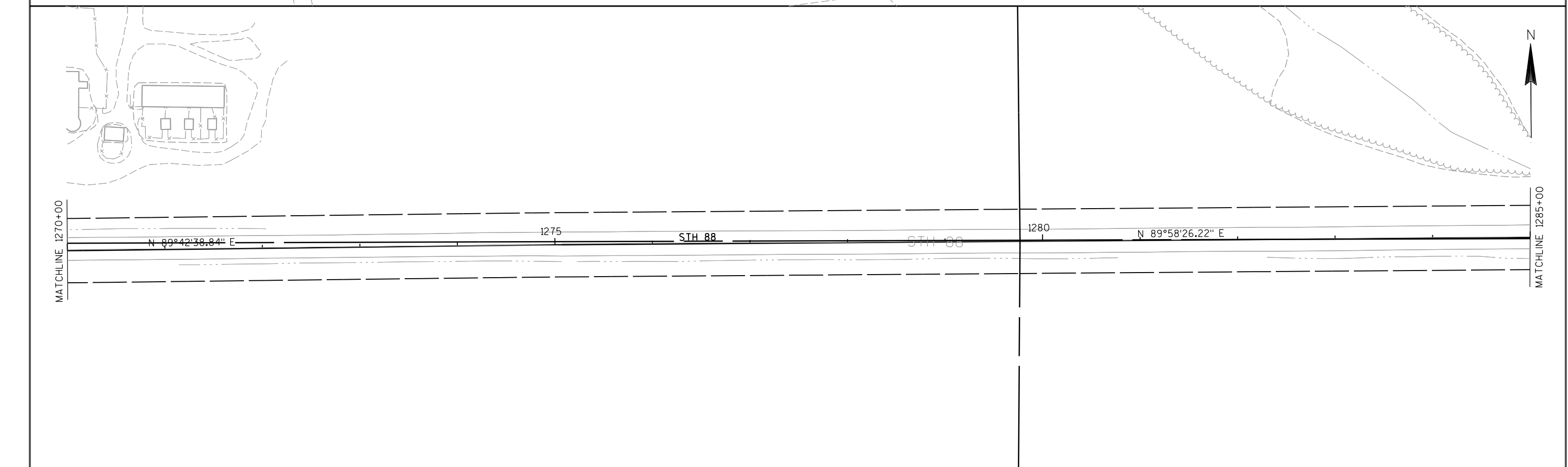
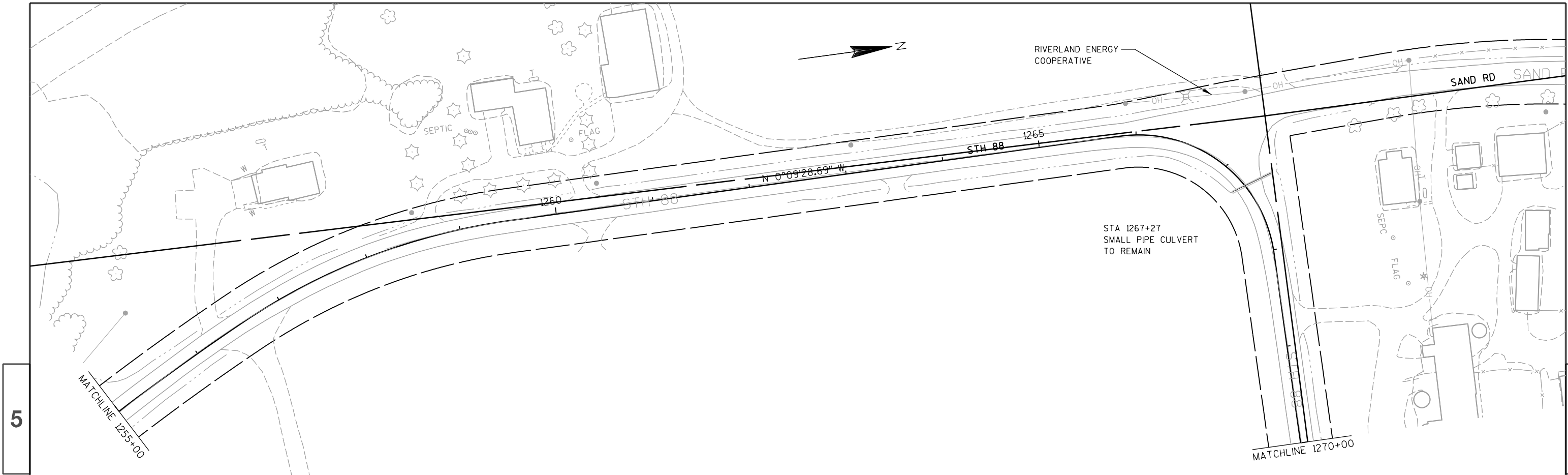
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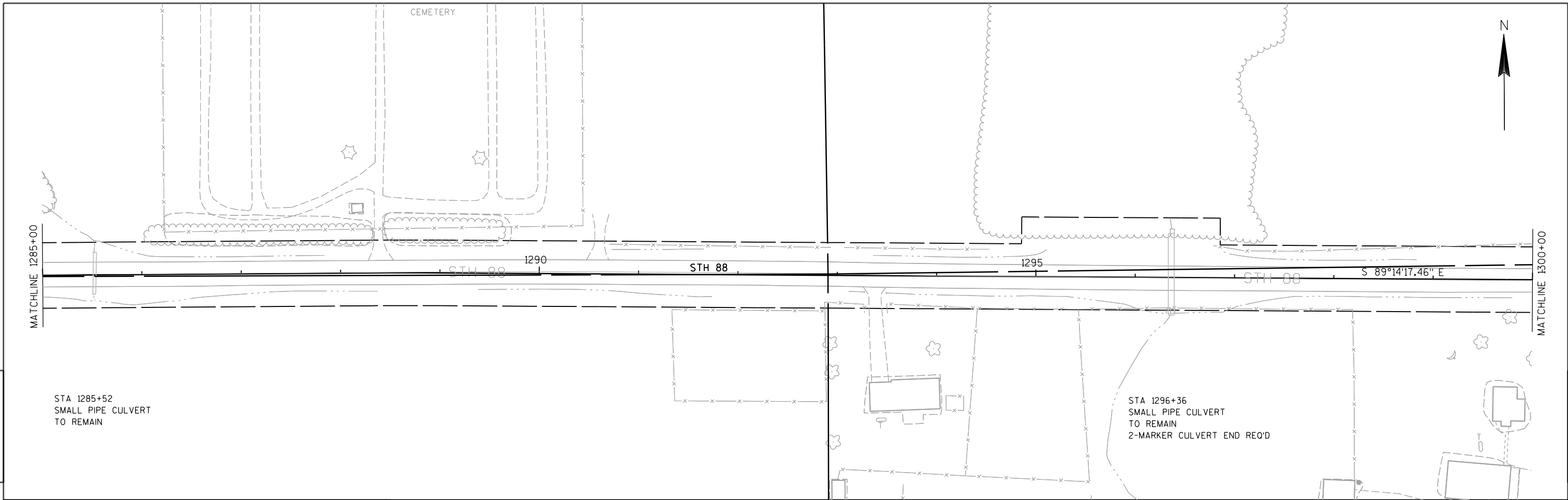
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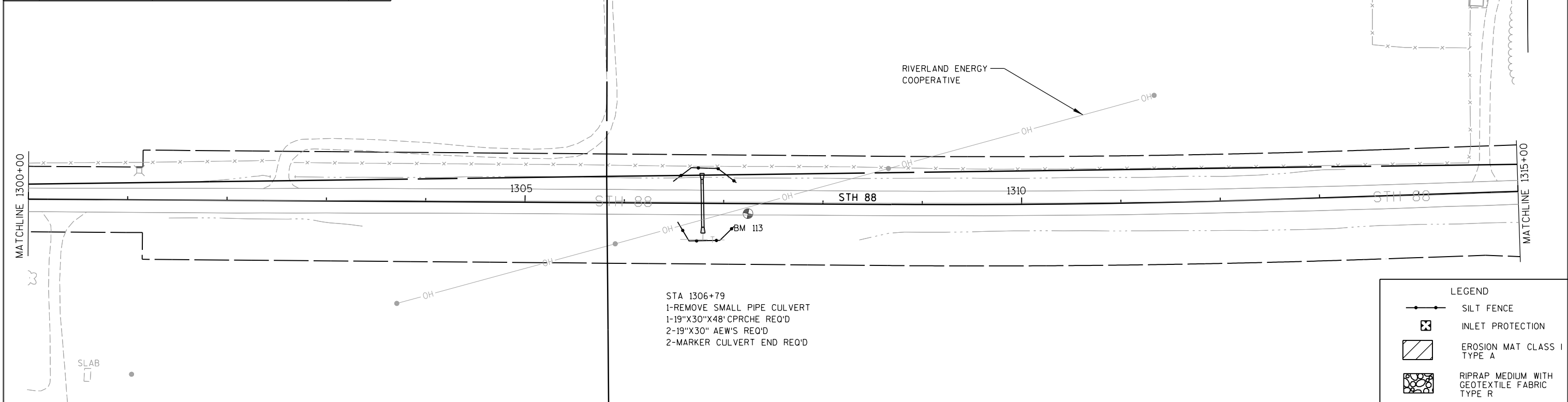




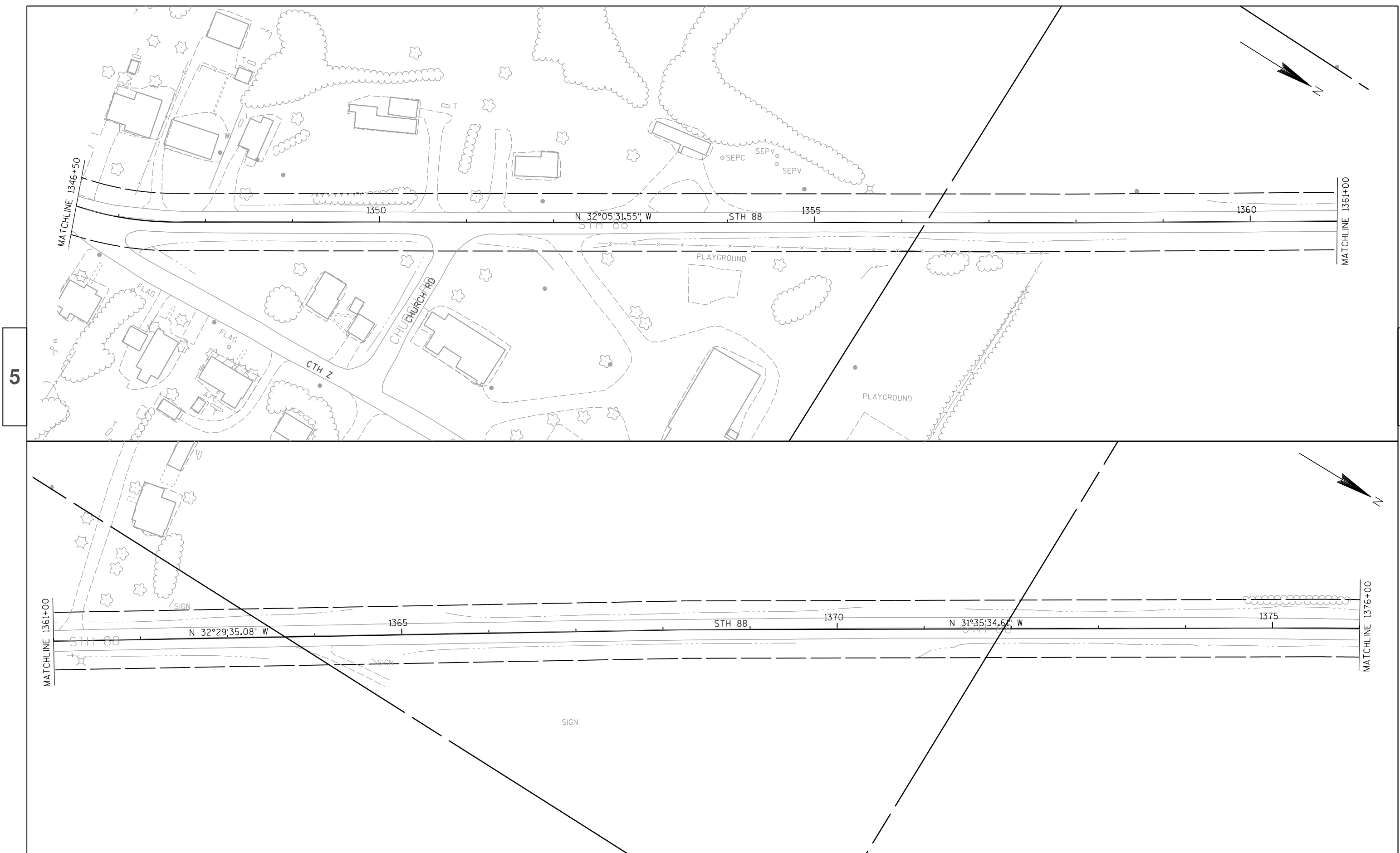
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM 113	1307+24.58 10.16' RT	SET PK NAIL IN ASPHALT	710.781



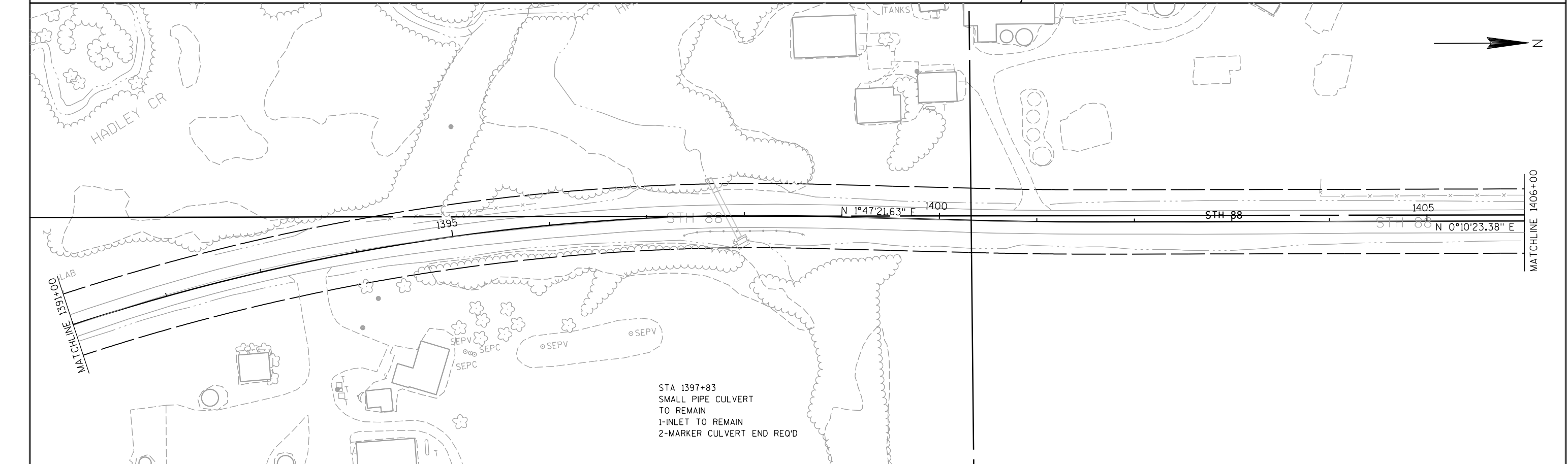
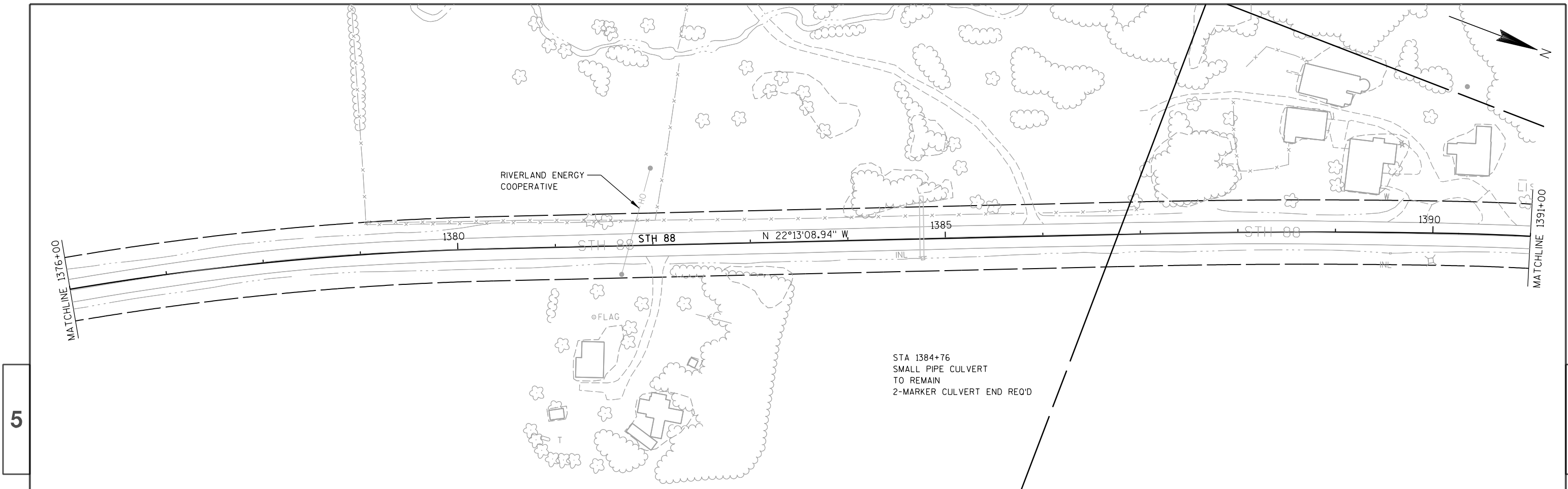
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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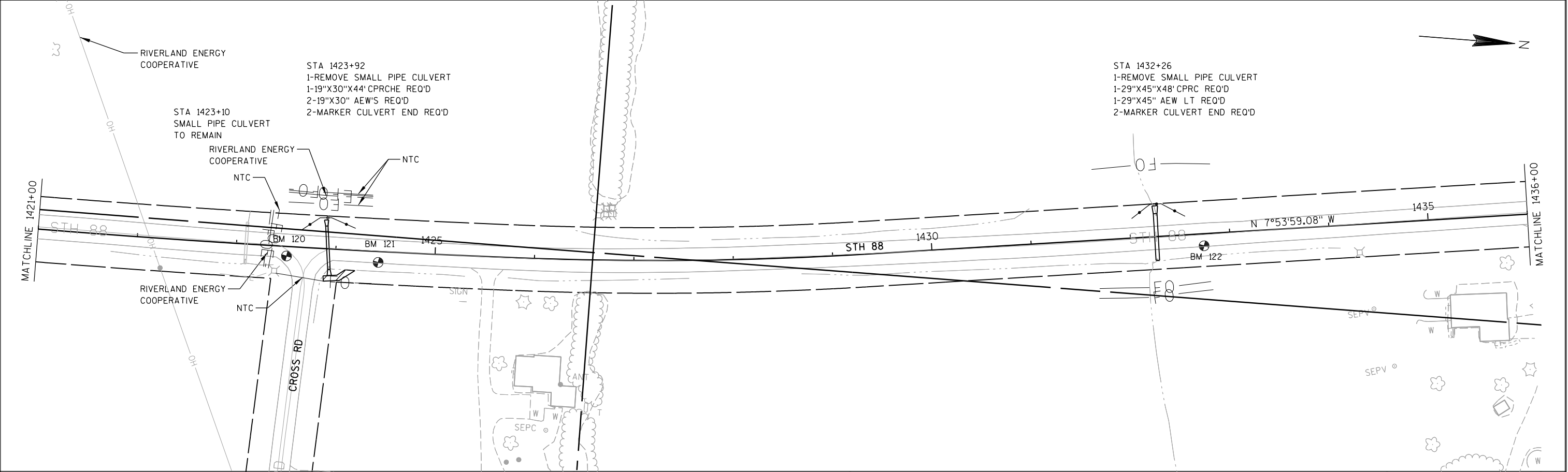
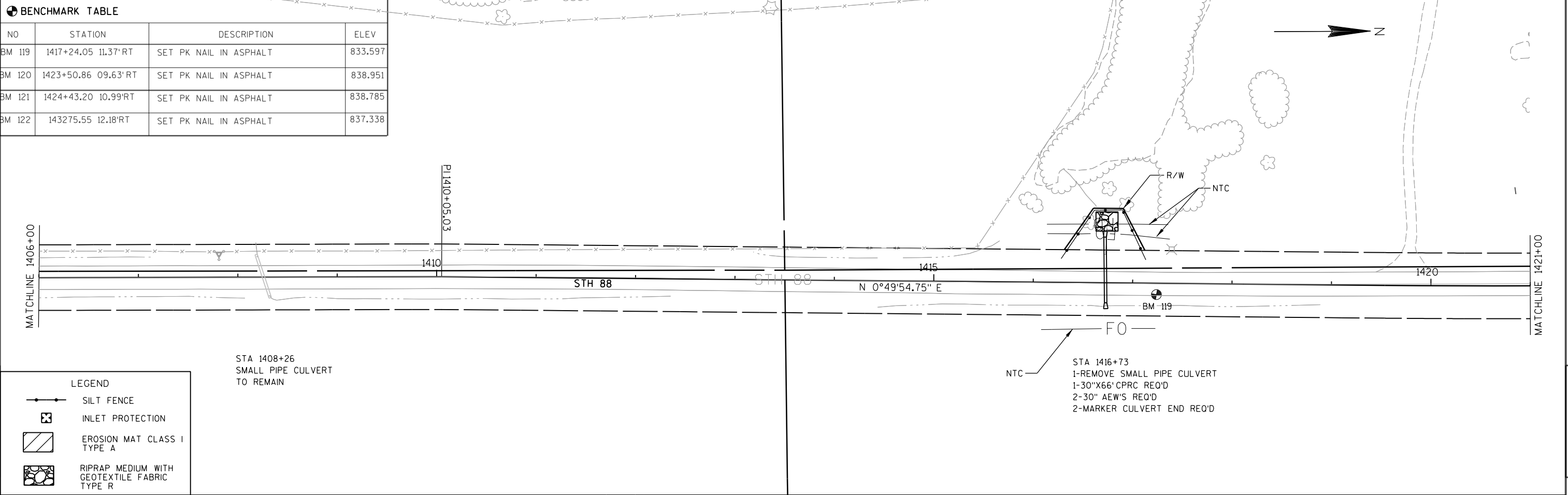
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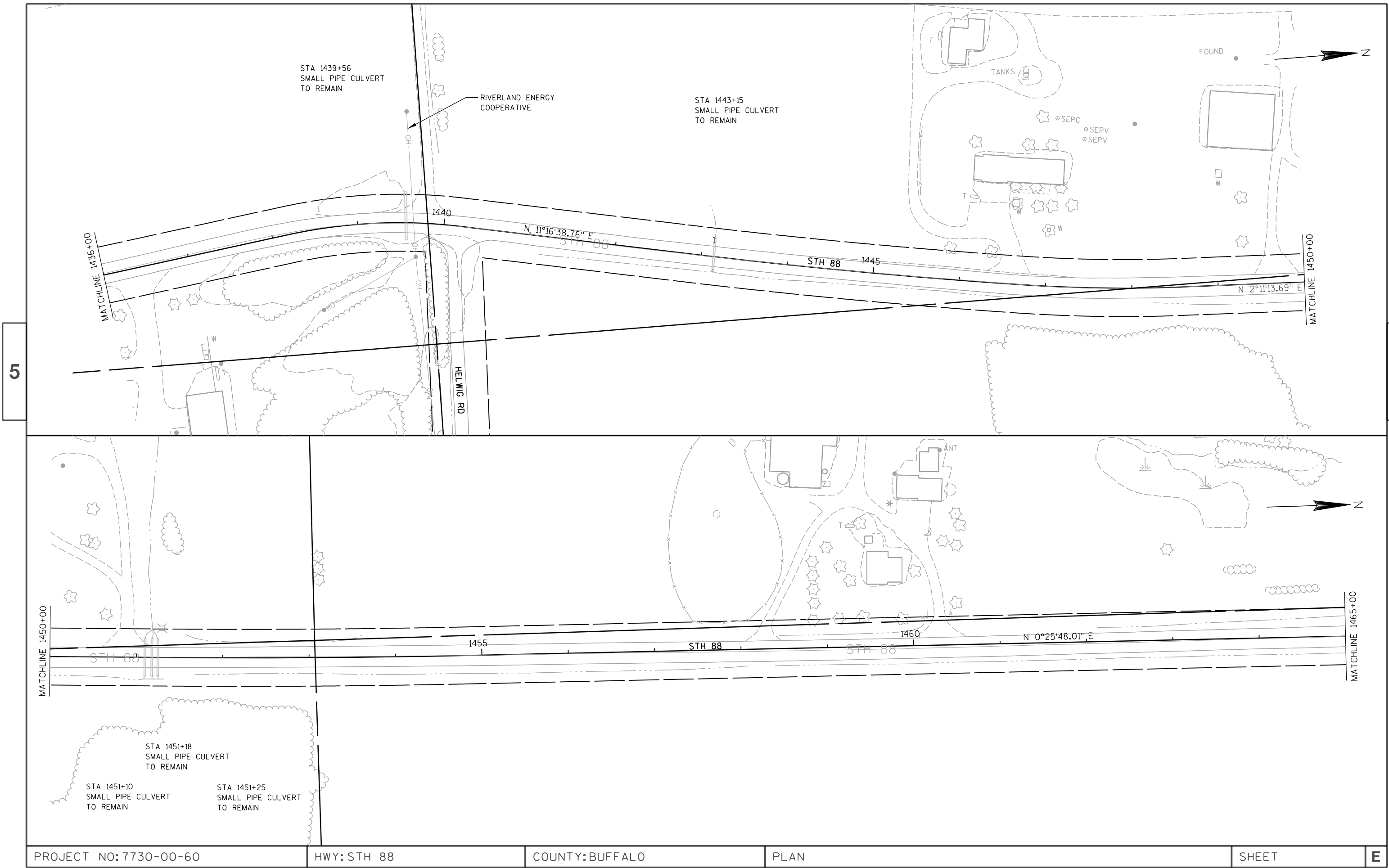
PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM 119	1417+24.05 11.37'RT	SET PK NAIL IN ASPHALT	833.597
BM 120	1423+50.86 09.63'RT	SET PK NAIL IN ASPHALT	838.951
BM 121	1424+43.20 10.99'RT	SET PK NAIL IN ASPHALT	838.785
BM 122	143275.55 12.18'RT	SET PK NAIL IN ASPHALT	837.338





PROJECT NO: 7730-00-60

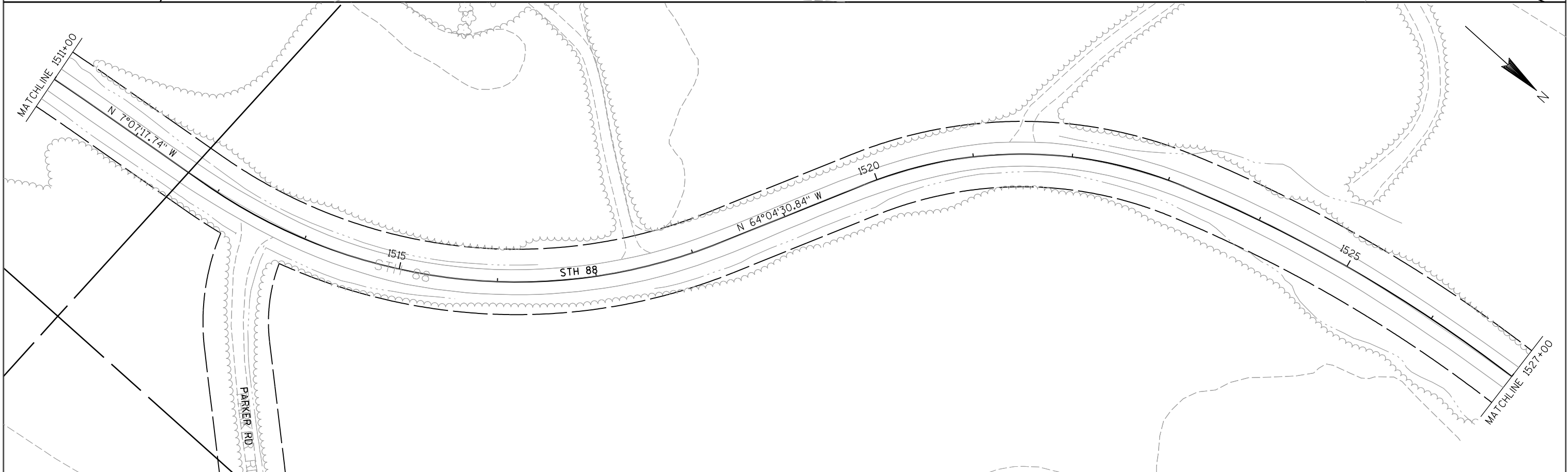
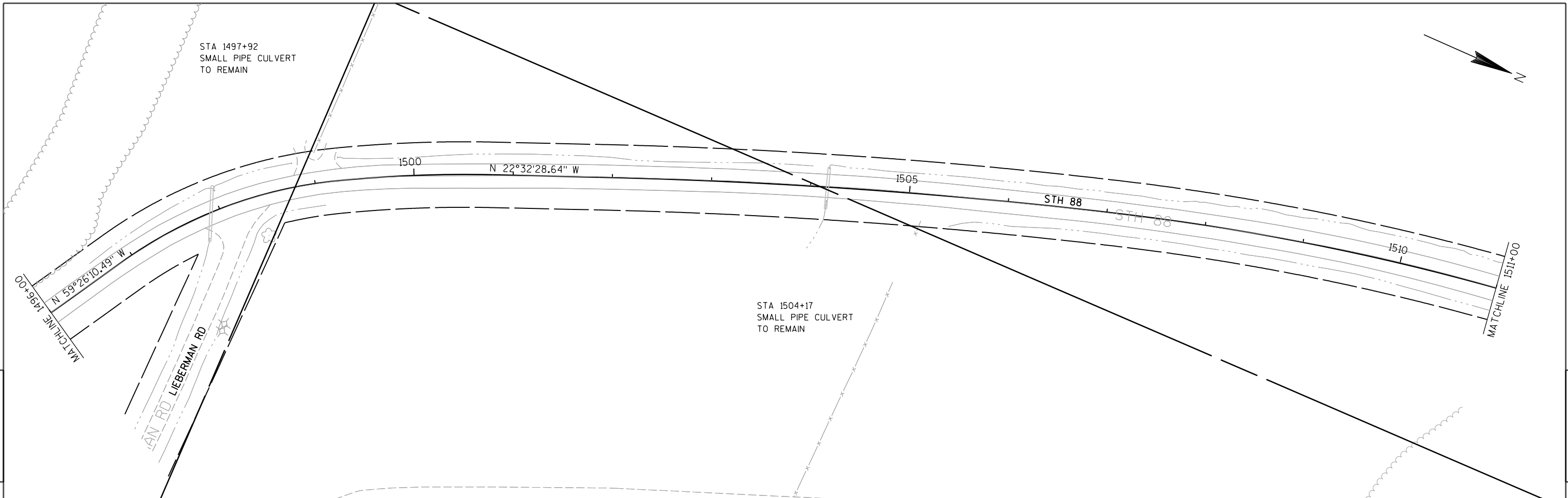
HWY: STH 88

COUNTY: BUFFALO

PLAN

SHEET

E



PROJECT NO: 7730-00-60	HWY: STH 88	COUNTY: BUFFALO	PLAN	SHEET	E
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