LAX

FEBRUARY 2023

ORDER OF SHEETS

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

TOTAL SHEETS = 36

PROJECT ID: 5510-00-63

WITH: 7062-02-73

COUNTY: MONROE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SPARTA - WILTON

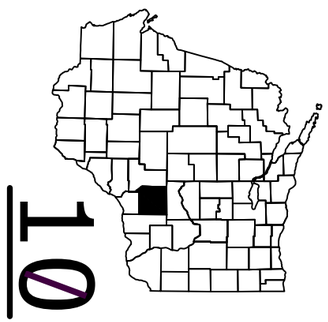
HARMONY AVENUE TO NORTH STREET

STH 71

MONROE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5510-03-63	WISC 2023240	1

STATE PROJECT NUMBER
5510-00-63



N

DESIGN DESIGNATION 5510-00-33

A.A.D.T.	2023	=	1990
A.A.D.T.	2043	=	2170
D.H.V.		=	-
D.D.		=	-
T.		=	-
DESIGN SPEED		=	55 MPH
ESALS		=	-

CONVENTIONAL SYMBOLS

PLAN

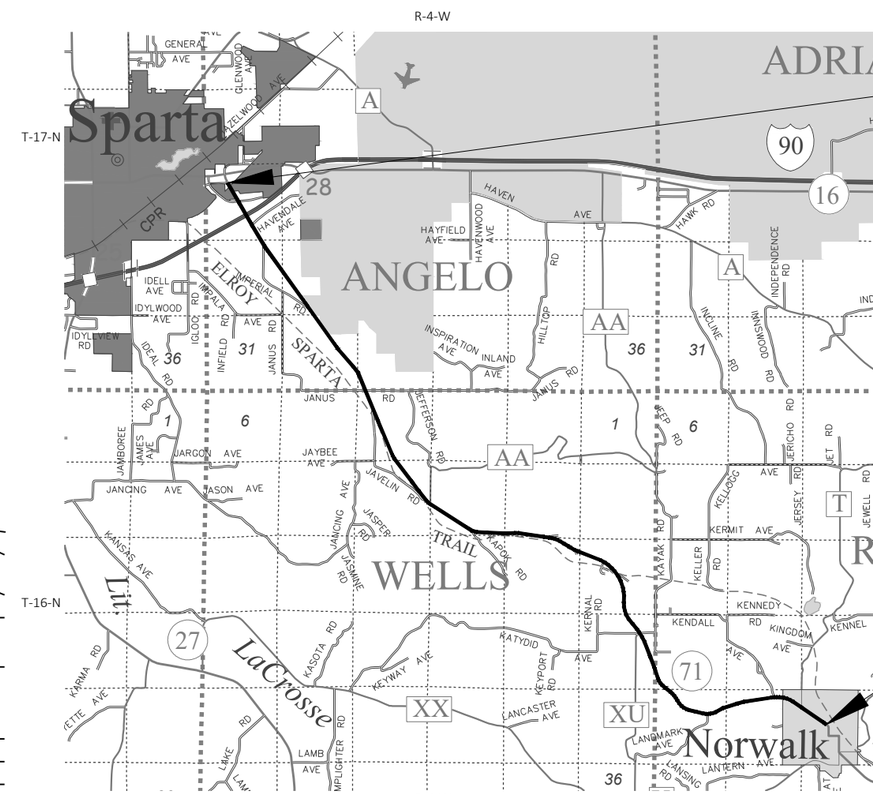
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SLOPE INTERCEPT
REFERENCE LINE (300'EB')
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
COMBUSTIBLE FLUIDS (CAUTION)
MARSH AREA
WOODED OR SHRUB AREA

PROFILE

GRADE LINE
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
SPECIAL DITCH (LABEL)
GRADE ELEVATION (95.36)
CULVERT (Profile View)

UTILITIES

ELECTRIC (E)
FIBER OPTIC (FO)
GAS (G)
SANITARY SEWER (SAN)
STORM SEWER (SS)
TELEPHONE (T)
WATER (W)
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE



BEGIN PROJECT
STA 107+62
X = 633385.04
Y = 377722.39

END PROJECT
STA 734+37

LAYOUT

SCALE 0 — 2 MI

TOTAL NET LENGTH OF CENTERLINE = 11.870 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), MONROE COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	JOE STANGE
Project Manager	NATHANIEL SCHUMAKER
Regional Examiner	SW REGION
Regional Supervisor	DANIEL KLEINERTZ

APPROVED FOR THE DEPARTMENT

DATE 11/30/22 (Signature)

E

DESIGN CONTACTS

WISDOT PROJECT MANAGER
NATHANIEL SCHUMAKER
3550 MORMON COULEE RD
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WISDOT PROJECT DESIGNER
JOE STANGE
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DNR CONTACT

MONROE COUNTY LIAISON
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LA CROSSE, WI 54601
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UTILITY CONTACTS

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COTTAGE GROVE, WI 53527
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CENTURYLINK / LUMEN
TOM MURRAY
333 NORTH FRONT STREET
LA CROSSE, WI 54601
PHONE: (608) 780-0895
EMAIL: tom.l.murray@lumen.com

DAIRYLAND POWER COOPERATIVE
MICHAEL LYDON
3200 EAST AVE SOUTH
P.O. BOX 817
LA CROSSE, WI 54602-0817
PHONE: (608) 787-1381
EMAIL: michael.lydon@dairylandpower.com

LEMONWEIR VALLEY TELEPHONE CO - COMMUNICATIONS
BEN GRILLEY
127 US HWY 12
P.O. BOX 267
CAMP DOUGLAS, WI 54618
PHONE: (608) 788-4000
EMAIL: Ben.Grilley@getlynxx.com

MADISON GAS & ELECTRIC CO - GAS/PETROLEUM
SHAUN ENDRES
623 RAILROAD STREET
MADISON, WI 53710
PHONE: (608) 252-7224
EMAIL: sendres@mge.com

MEDIACOM WISCONSIN LLC - COMMUNICATIONS
CRAIG EGGERT
1240 HIGHWAY 52
CHATFIELD, MN 55923
PHONE: (563) 419-5160
EMAIL: ceggert@mediacomcc.com

NORWALK MUNICIPAL WATER UTILITY - WATER
HENRY VIAN
208 S CHURCH ST
NORWALK, WI 54648
PHONE: (608) 823-7760
EMAIL: Norwalkutility@gmail.com

OAKDALE ELECTRIC COOPERATIVE - ELECTRICITY
MATT RIGGS
P.O. BOX 40
OAKDALE, WI 54649
PHONE: (608) 372-8828
(608) 343-3669
EMAIL: mriggs@oakdaleerec.com

WE ENERGIES
TRAVIS KAHL
1921 8TH STREET SOUTH
WISCONSIN RAPIDS, WI 54494
PHONE: (715) 498-6180
(715) 421-7256
EMAIL: Travis.Kahl@we-energies.com

XCEL ENERGY - COMUNICATIONS, ELECTRICITY - ELECTRICAL
MITCHEL DIENGER
414 NICOLETT MALL
MINNEAPOLIS, MN 55401
PHONE: (612) 321-3109
PHONE: (715) 737-4097
EMAIL: mitchel.a.dienger@xcelenergy.com

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

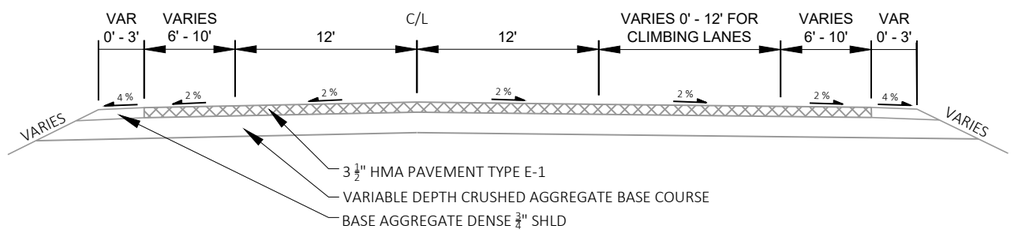
STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BOP	BEGINNING OF PROJECT
CE	COMMERCIAL ENTRANCE
C/L	CENTERLINE
DD	DIRECTIONAL DISTRIBUTION
DHV	DESIGN HOURLY VOLUME
EOP	END OF PROJECT
ESAL	EQUIVALENT SINGLE AXLE LOADING
LT	LEFT
PE	PRIVATE ENTRANCE
RT	RIGHT
SDD	STANDARD DETAIL DRAWING
SHLD	SHOULDER(S)
STA	STATION
STH	STATE TRUNK HIGHWAY
T	PERCENT TRUCKS
TYP	TYPICAL

GENERAL NOTES

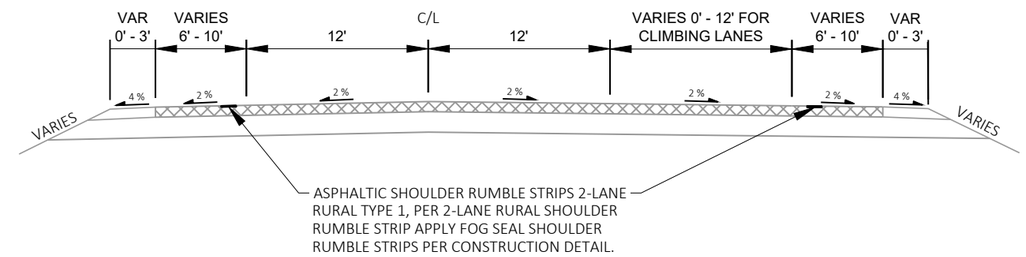
- ALL CLOSED LANES MUST BE SWEPT CLEAN PRIOR TO OPENING TO TRAFFIC.

- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTORS SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.



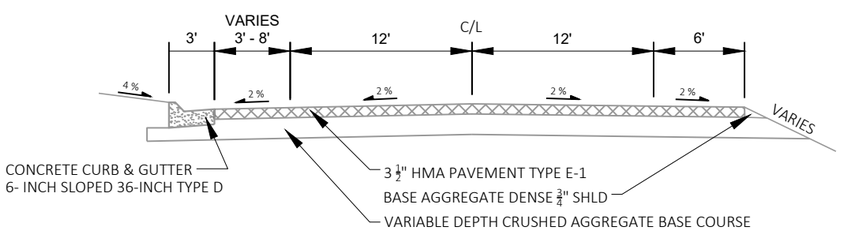
EXISTING TYPICAL SECTION STH 71

STATIONS 107+62 - 263+51
STATIONS 267+31 - 515+13
STATIONS 524+02 - 734+37



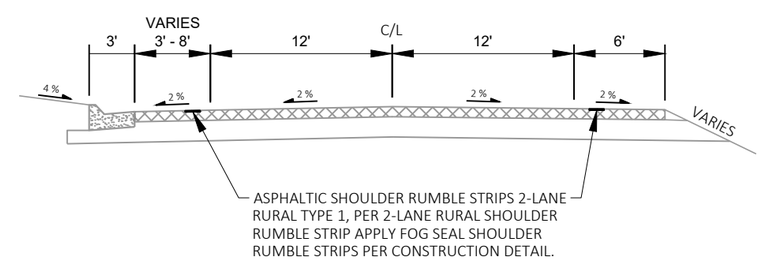
PROPOSED TYPICAL SECTION STH 71

STATIONS 107+62 - 263+51
STATIONS 267+31 - 515+13
STATIONS 524+02 - 734+37



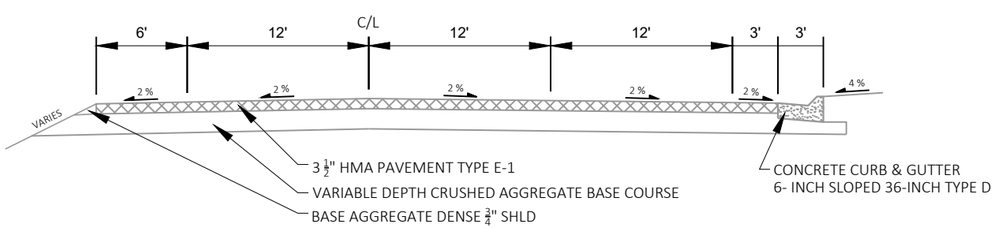
EXISTING TYPICAL SECTION STH 71

STATIONS 263+51 - 267+31



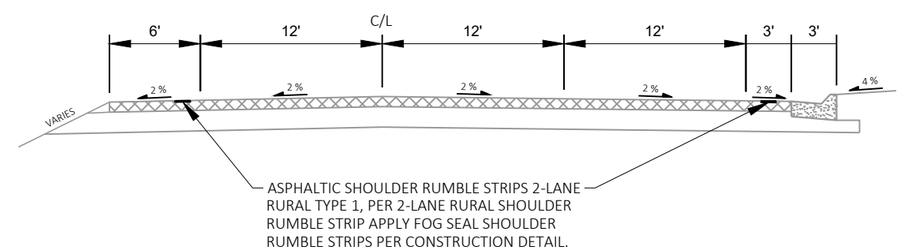
PROPOSED TYPICAL SECTION STH 71

STATIONS 263+51 - 267+31



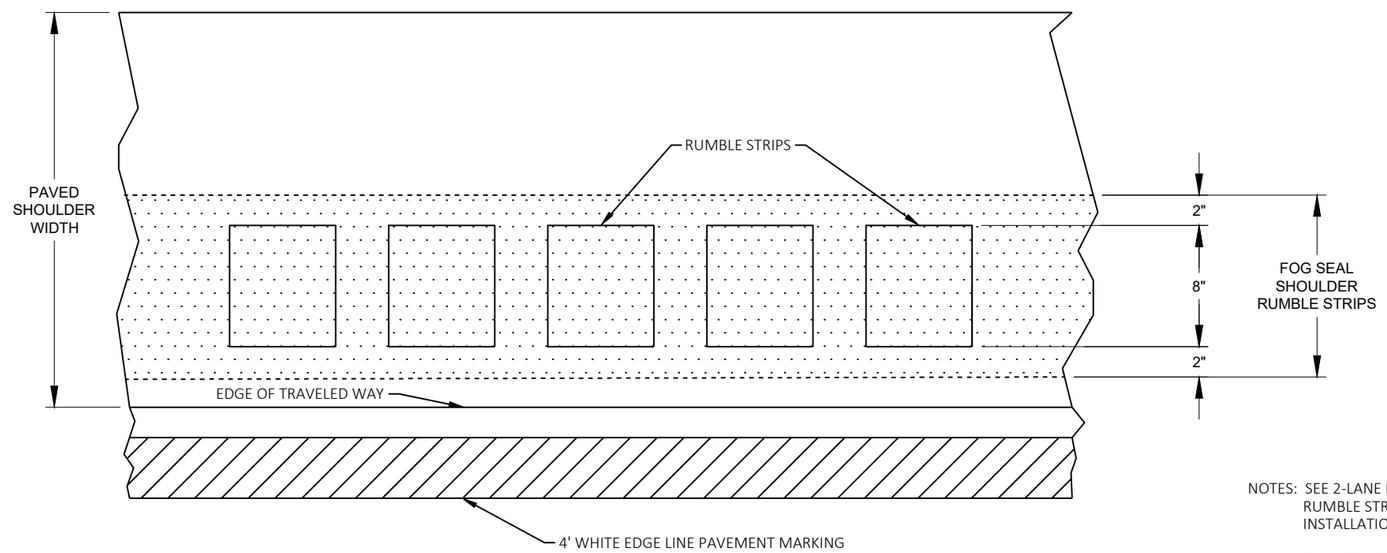
EXISTING TYPICAL SECTION STH 71

STATIONS 515+13 - 524+02



PROPOSED TYPICAL SECTION STH 71

STATIONS 515+13 - 524+02



DETAIL FOR APPLICATION OF FOG SEAL SHOULDER RUMBLE STRIPS

NOTES: SEE 2-LANE RURAL SHOULDER RUMBLE STRIP MILLING SDD FOR INSTALLATION OF RUMBLE STRIPS

SEE MOVING PAVEMENT MARKING OPERATION, TWO LANE TWO-WAY ROADWAY SDD FOR RECOMMENDED TRAFFIC CONTROL SETUP

5510-00-63

Line	Item	Item Description	Unit	Total	Qty
0006	213.0100	Finishing Roadway (project) 01. 5510-00-63	EACH	1.000	1.000
0016	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	110,429.000	110,429.000
0020	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5510-00-63	EACH	1.000	1.000
0024	619.1000	Mobilization	EACH	0.250	0.250
0046	SPV.0090	Special 01. Fog Seal Shoulder Rumble Strips	LF	110,429.000	110,429.000

3

CATEGORY	STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	SPV.0090.01 SPECIAL (01. FOG SEAL SHOULDER RUMBLE STRIPS) LF	REMARKS
0010	107+62	-	110+82	LT	320	320	BOP -RILEY RD & PE
0010	108+12	-	109+18	RT	106	106	BOP - RILEY RD
0010	115+50	-	119+70	RT	420	420	RILEY RD - HARMONY AVE
0010	117+91	-	119+70	LT	179	179	RILEY RD & PE - HARMONY AVE
0010	123+20	-	130+81	LT	761	761	HARMONY AVE - B-41-0090 & HAVENDALE AVE
0010	123+36	-	130+81	RT	745	745	HARMONY AVE - B-41-0090
0010	134+16	-	139+91	RT	575	575	B-41-0090 - PE
0010	137+62	-	157+22	LT	1,960	1,960	B-41-0090 & HAVENDALE AVE - PE
0010	140+70	-	152+50	RT	1,180	1,180	PE - PE
0010	153+30	-	155+73	RT	243	243	PE - IMPERIAL RD
0010	157+89	-	168+35	LT	1,046	1,046	PE - PE
0010	158+81	-	165+43	RT	662	662	IMPERIAL RD - PE
0010	166+07	-	166+55	RT	48	48	PE - PE
0010	167+27	-	168+87	RT	160	160	PE - PE
0010	169+51	-	220+55	LT	5,104	5,104	PE - PE
0010	169+56	-	170+82	RT	126	126	PE - PE
0010	171+53	-	172+58	RT	105	105	PE - 3 PE'S
0010	175+11	-	200+20	RT	2,509	2,509	3 PE'S - PE
0010	200+87	-	201+81	RT	94	94	PE - PE
0010	202+50	-	207+05	RT	455	455	PE - IMPERIAL RD & PAIR OF PE'S
0010	212+15	-	223+20	RT	1,105	1,105	IMPERIAL RD & PAIR OF PE'S - B-41-0180
0010	221+19	-	223+39	LT	220	220	PE - B-41-0180
0010	224+27	-	231+43	RT	716	716	B-41-0180 - PE
0010	224+47	-	236+03	LT	1,156	1,156	B-41-0180 - PAIR OF PE'S
0010	232+18	-	235+15	RT	297	297	PE - PE
0010	235+81	-	246+90	RT	1,109	1,109	PE - PE
0010	237+75	-	239+22	LT	147	147	PAIR OF PE'S - PE
0010	239+96	-	246+77	LT	681	681	PE - PE
0010	247+52	-	252+59	LT	507	507	PE - B-41-0181
0010	247+80	-	250+00	RT	220	220	PE - PE
0010	250+78	-	252+70	RT	192	192	PE - B-41-0181
0010	253+66	-	259+40	LT	574	574	B-41-0181 - PE
0010	253+75	-	255+65	RT	190	190	B-41-0181 - PE
0010	256+35	-	263+68	RT	733	733	PE - PE
0010	260+09	-	264+58	LT	449	449	PE - CEMETARY ENTRANCE
0010	264+36	-	269+14	RT	478	478	PE - B-41-0182
0010	265+26	-	269+18	LT	392	392	CEMETARY ENTRANCE - B-41-0182
0010	270+07	-	274+93	RT	486	486	B-41-0182 - PE
0010	270+10	-	276+59	LT	649	649	B-41-0182 - PE
0010	275+56	-	280+05	RT	449	449	PE - PE & JANUS AVE
0010	277+19	-	278+11	LT	92	92	PE - PE
0010	278+76	-	280+15	LT	139	139	PE - JANUS AVE
0010	283+60	-	289+60	LT	600	600	JANUS AVE - PE
0010	283+77	-	295+04	RT	1,127	1,127	PE & JANUS AVE - JAVELIN RD
0010	290+25	-	291+00	LT	75	75	PE - PE
0010	291+65	-	371+61	LT	7,996	7,996	PE - CTH AA
0010	298+59	-	355+20	RT	5,661	5,661	JAVELIN RD - PE
0010	355+81	-	367+54	RT	1,173	1,173	PE - JAVELIN RD
0010	370+77	-	374+78	RT	401	401	JAVELIN RD - PE
0010	375+47	-	378+33	RT	286	286	PE - PE
0010	376+05	-	392+57	LT	1,652	1,652	CTH AA - PE
0010	379+05	-	382+59	RT	354	354	PE - PE
0010	383+31	-	403+53	RT	2,022	2,022	PE - PE
0010	393+25	-	419+51	LT	2,626	2,626	PE - PE
0010	404+29	-	408+06	RT	377	377	PE - KAPOK RD
0010	410+47	-	416+58	RT	611	611	KAPOK RD - PE
0010	417+20	-	420+38	RT	318	318	PE - PE
0010	420+13	-	434+80	LT	1,467	1,467	PE - PE
0010	421+00	-	443+02	RT	2,202	2,202	PE - PE
0010	435+45	-	455+06	LT	1,961	1,961	PE - PE
				TABLE TOTAL	58,688	58,688	

3

CATEGORY	STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	SPV.0090.01 SPECIAL (01. FOG SEAL SHOULDER RUMBLE STRIPS) LF	REMARKS
0010	443+76	-	447+75	RT	399	399	PE - PE
0010	448+46	-	468+88	RT	2,042	2,042	PE - PE
0010	455+75	-	470+25	LT	1,450	1,450	PE - B-41-0184 & KARLSBAD AVE
0010	469+65	-	471+19	RT	154	154	PE - B-41-0184
0010	471+99	-	482+76	RT	1,077	1,077	B-41-0184 - KARLSTAD RD
0010	473+34	-	476+03	LT	269	269	B-41-0184 & KARLSBAD AVE - PE
0010	476+68	-	489+44	LT	1,276	1,276	PE - PE
0010	485+35	-	490+55	RT	520	520	KARLSTAD RD - B-41-0185
0010	490+13	-	490+70	LT	57	57	PE - B-41-0185
0010	491+34	-	492+02	RT	68	68	B-41-0185 - PE
0010	491+48	-	517+85	LT	2,637	2,637	B-41-0185 - KENYA AVE
0010	492+66	-	499+04	RT	638	638	PE - PE
0010	499+84	-	503+97	RT	413	413	PE - KEEL RD
0010	507+00	-	561+39	RT	5,439	5,439	KEEL RD - CTH XU
0010	520+90	-	544+04	LT	2,314	2,314	KENYA AVE - CE
0010	545+70	-	562+67	LT	1,697	1,697	CE - KAYAK RD
0010	566+49	-	607+17	LT	4,068	4,068	KAYAK RD - KIBBLE RD
0010	566+84	-	620+99	RT	5,415	5,415	CTH XU - PE
0010	608+81	-	654+93	LT	4,612	4,612	KIBBLE RD - PE
0010	621+69	-	642+34	RT	2,065	2,065	PE - LANDMARK AVE
0010	645+53	-	718+94	RT	7,341	7,341	LANDMARK AVE - B-41-0187
0010	655+54	-	667+86	LT	1,232	1,232	PE - QUARRY ENTRANCE
0010	669+85	-	681+66	LT	1,181	1,181	QUARRY ENTRANCE - PE
0010	682+31	-	683+97	LT	166	166	PE - PE
0010	684+61	-	689+92	LT	531	531	PE - PE & KENDALL AVE
0010	693+90	-	710+64	LT	1,674	1,674	PE & KENDALL AVE - CTH T
0010	714+38	-	719+03	LT	465	465	CTH T - B-41-0187
0010	720+05	-	734+37	LT	1,432	1,432	B-41-0187 - EOP
0010	720+06	-	720+82	RT	76	76	B-41-0187 - LASSO AVE
0010	724+04	-	734+37	RT	1,033	1,033	LASSO AVE - EOP
				TABLE TOTAL	51,741	51,741	
				PROJECT TOTAL	110,429	110,429	

CATEGORY	LOCATION	619.1000 MOBILIZATION EACH	REMARKS
0010	PROJECT	0.25	SPLIT WITH PROJECT ID 7062-02-73
	PROJECT TOTAL	0.25	

5

5

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 7	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 01
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 8	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 02
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 9	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 03
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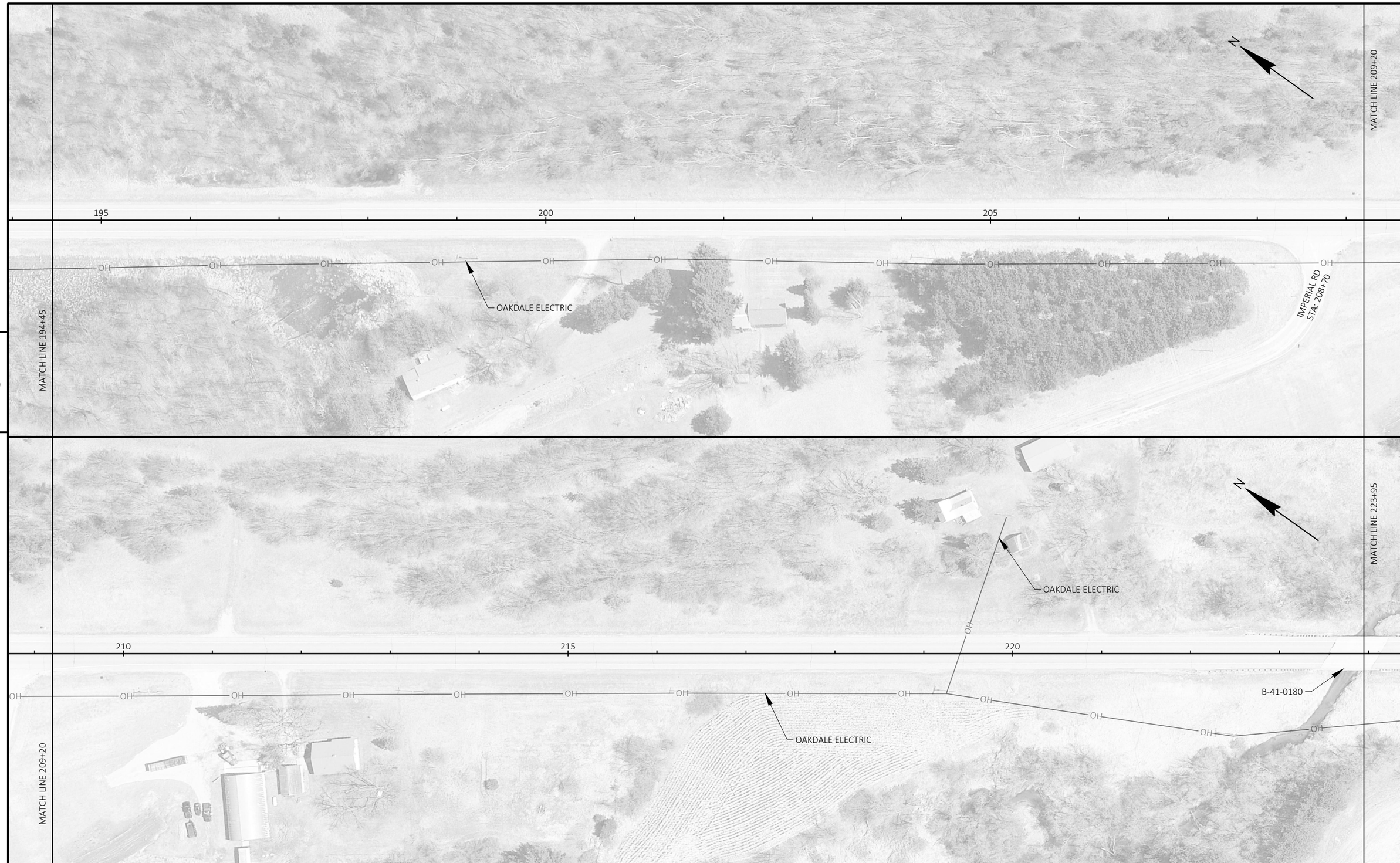
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 10	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 04
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 11	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 05
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 12	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 06
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 13	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 07
PLOT DATE : 4/12/2022 3:34 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 14	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 08
PLOT DATE : 4/12/2022 3:35 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 15	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 09
PLOT DATE : 4/12/2022 3:35 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 16	E

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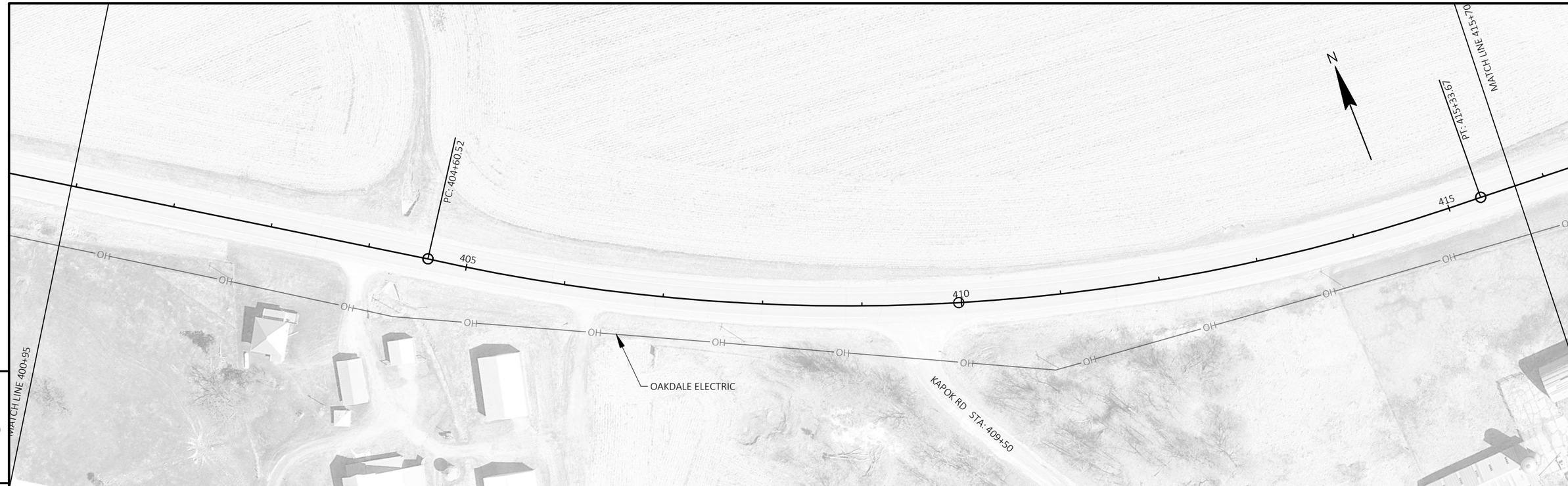
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 17	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 11
PLOT DATE : 4/12/2022 3:35 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

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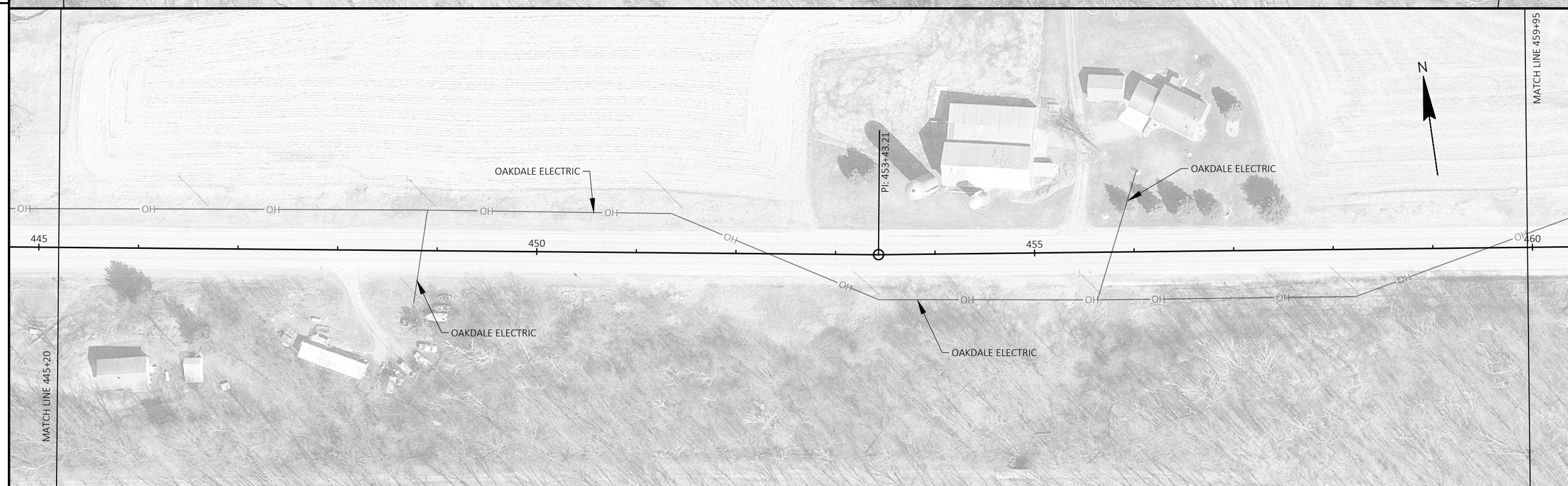

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 18	E

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PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 19	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 13
PLOT DATE : 4/12/2022 3:35 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 20	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
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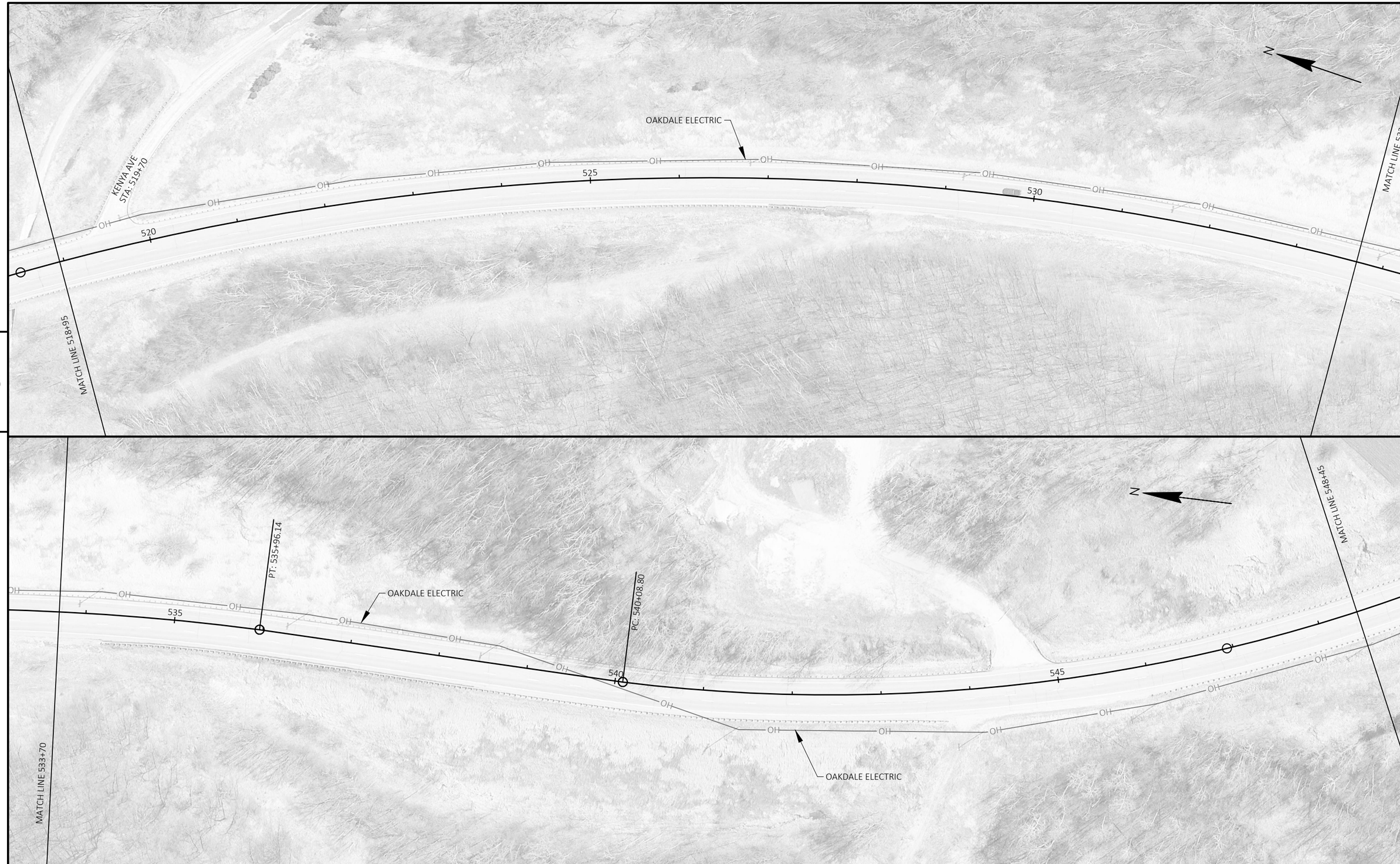
WISDOT/CADDS SHEET 44



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PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 21	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 15
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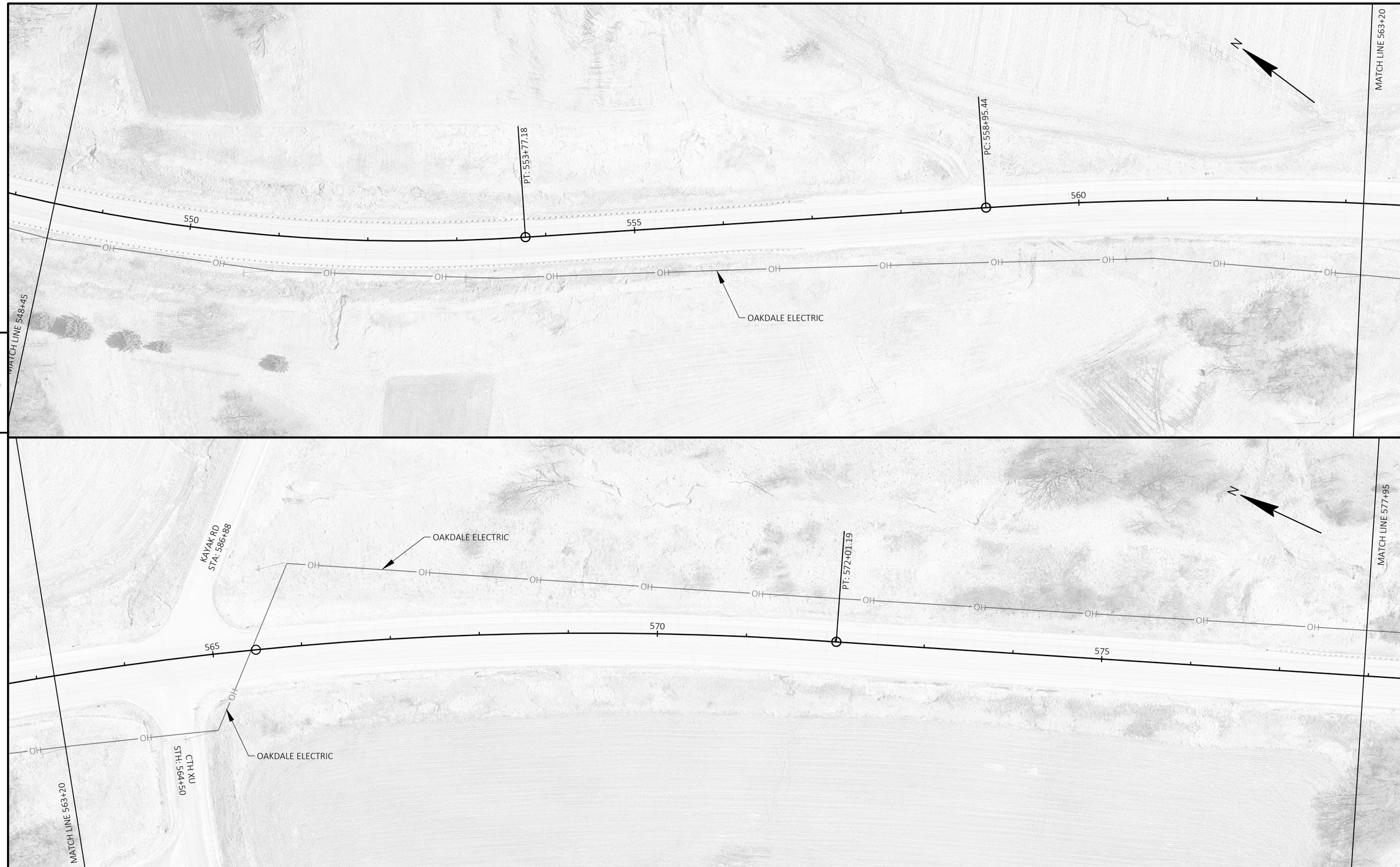
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 22	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
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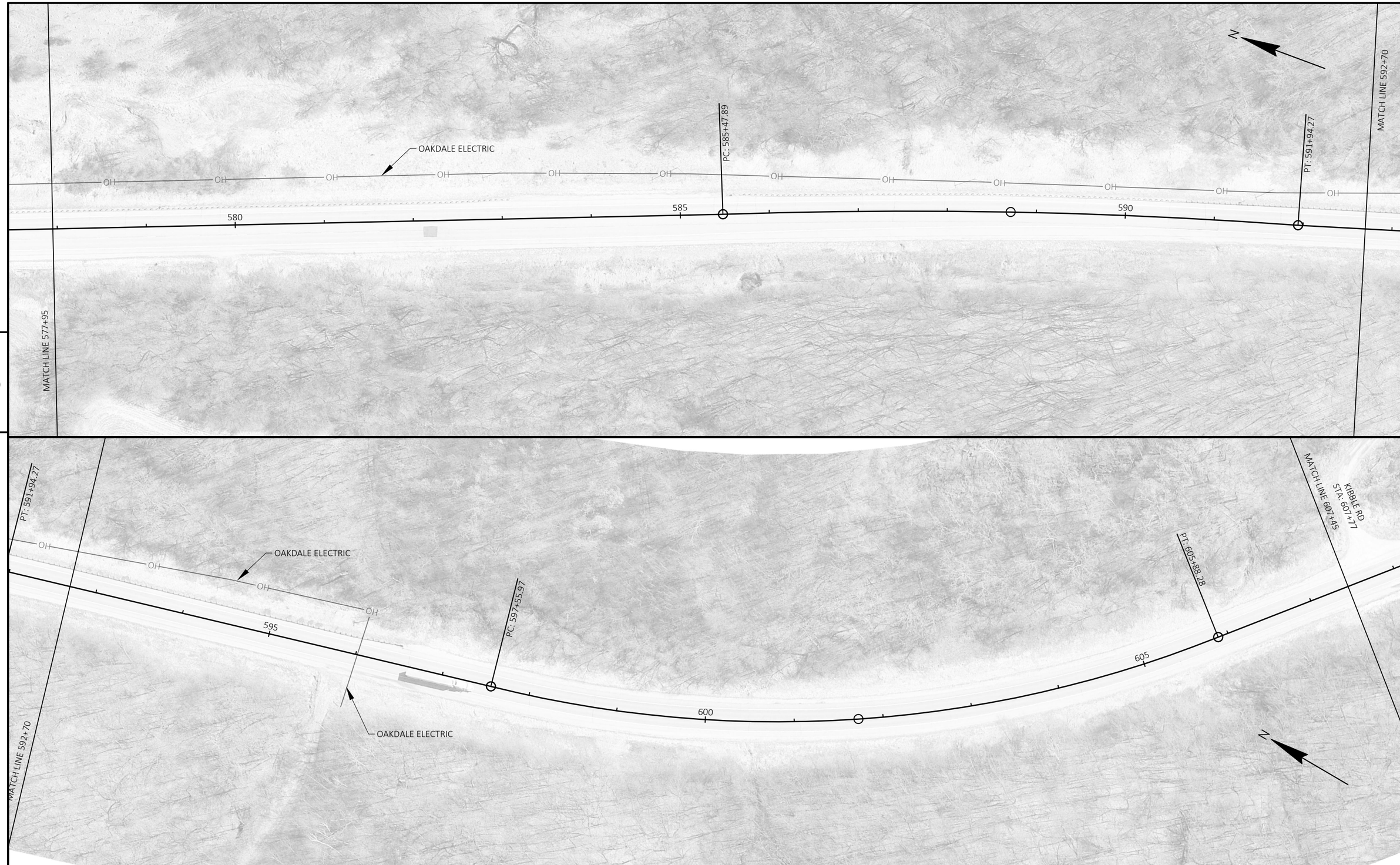
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 23	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
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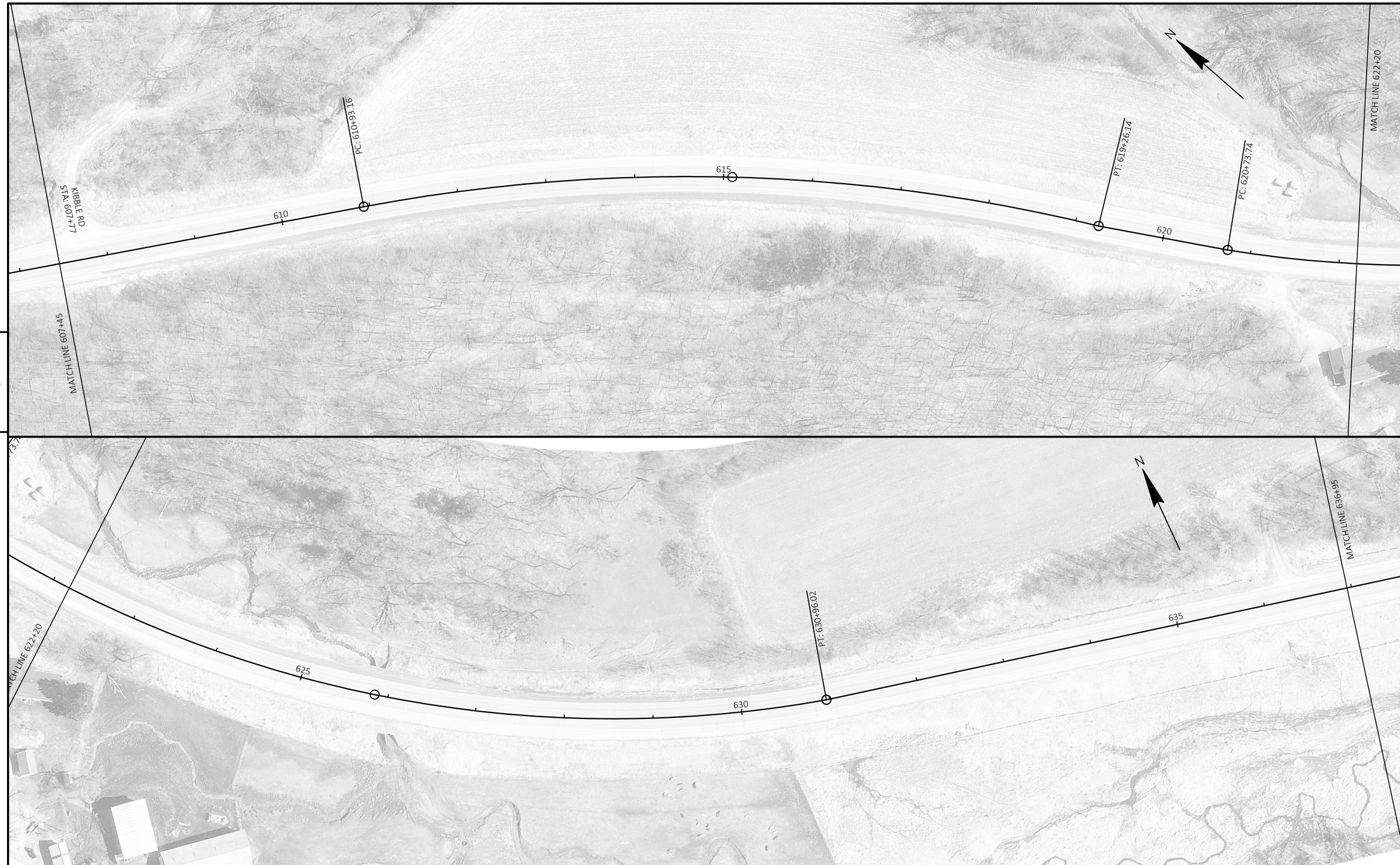
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 24	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 18
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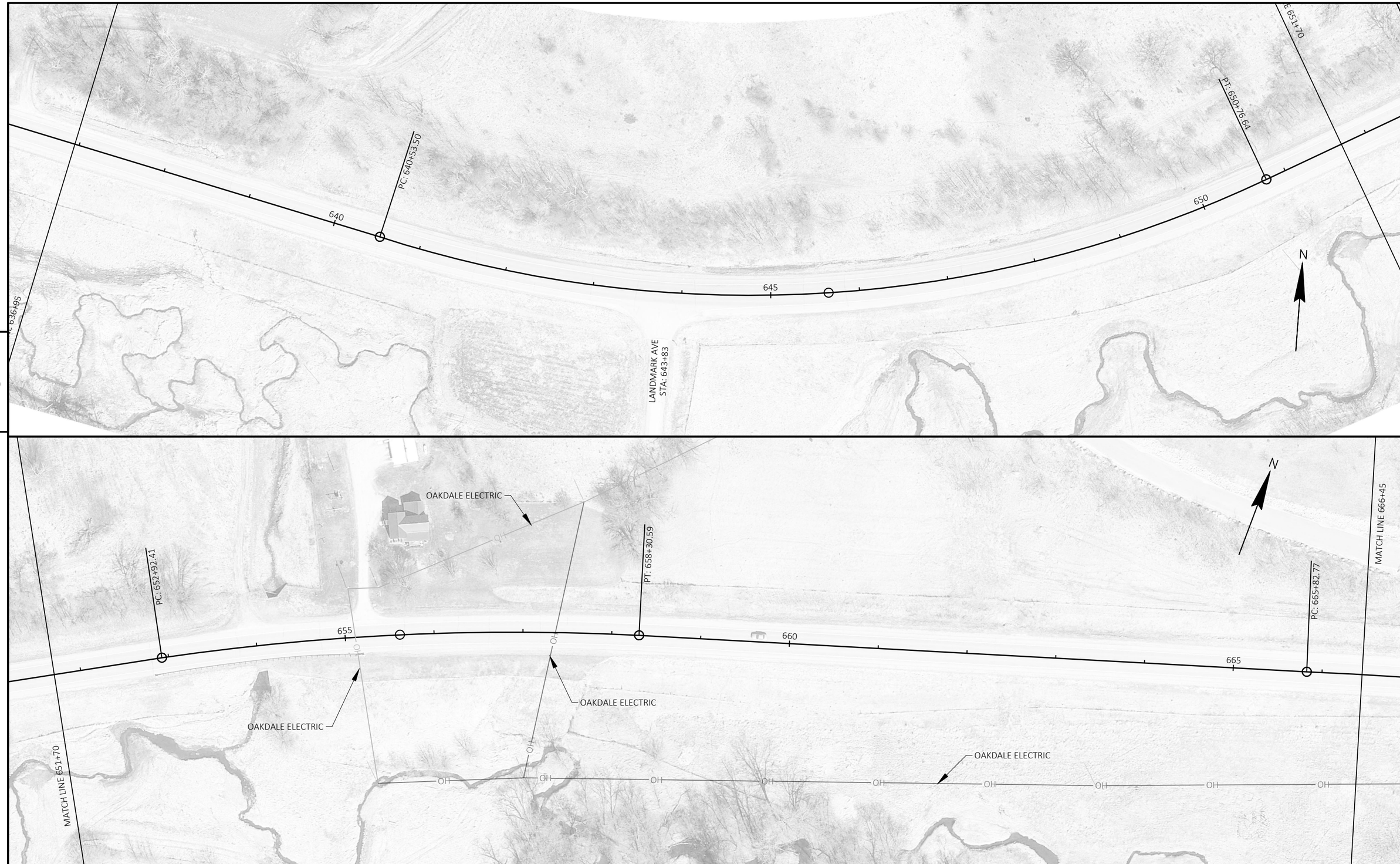
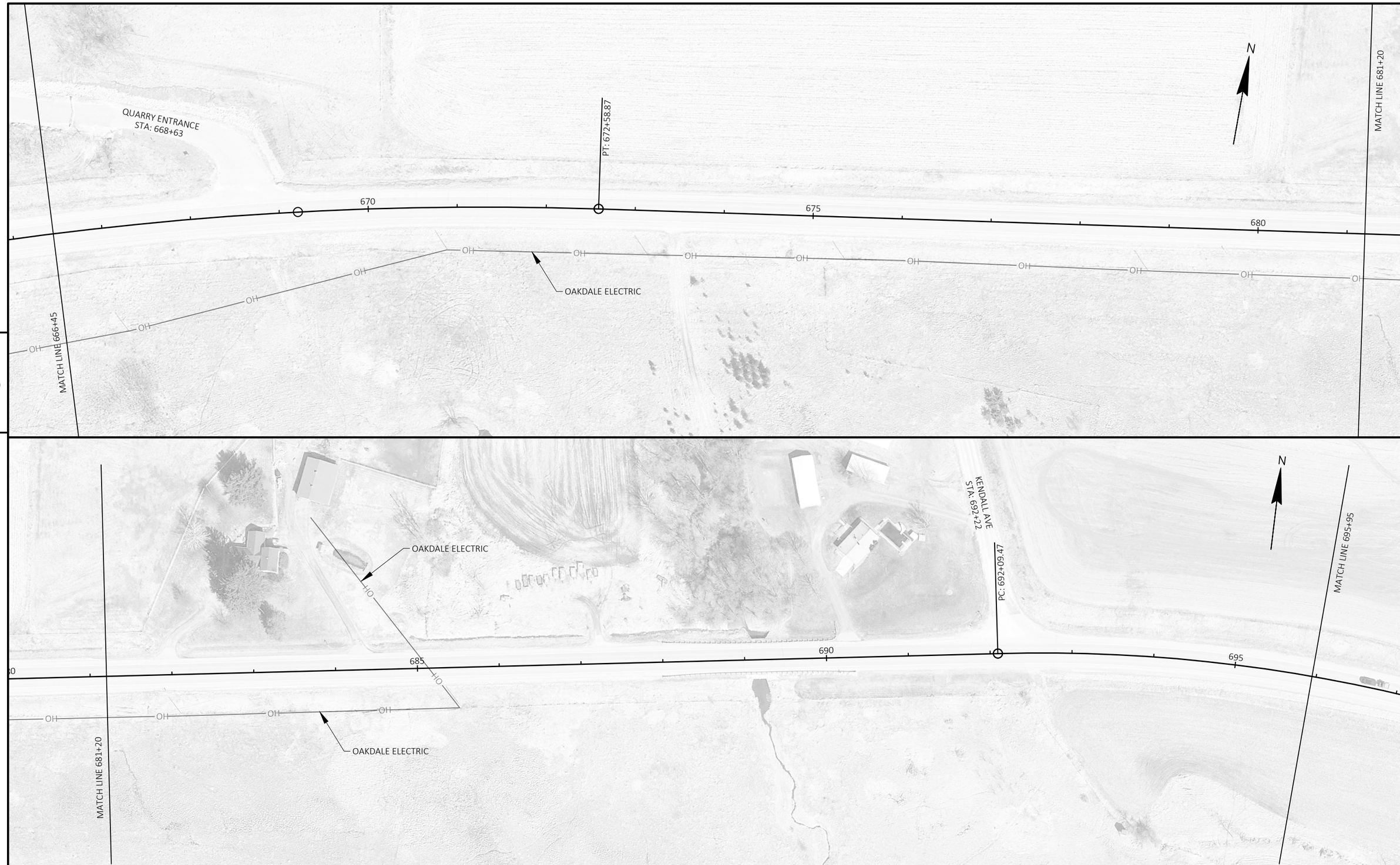
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 25	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 19
PLOT DATE : 4/12/2022 3:36 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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LAYOUT NAME - 20
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PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
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WISDOT/CADDS SHEET 44

PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
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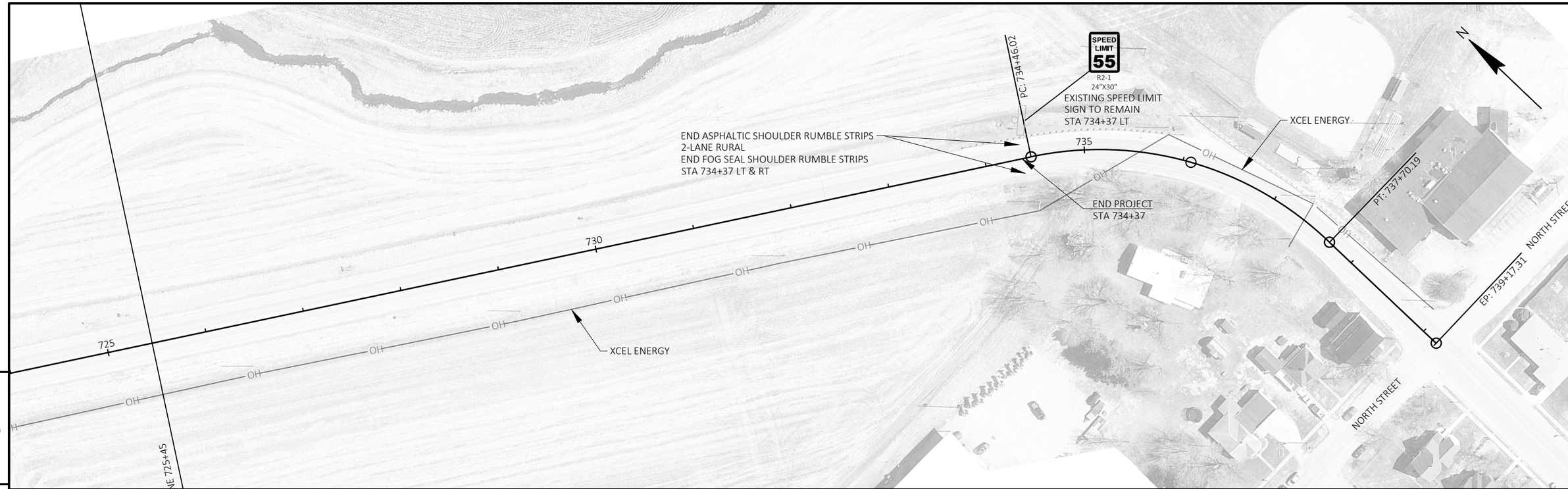
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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PROJECT NO: 5510-00-63	HWY: STH 71	COUNTY: MONROE	PLAN DETAILS	SHEET 28	E

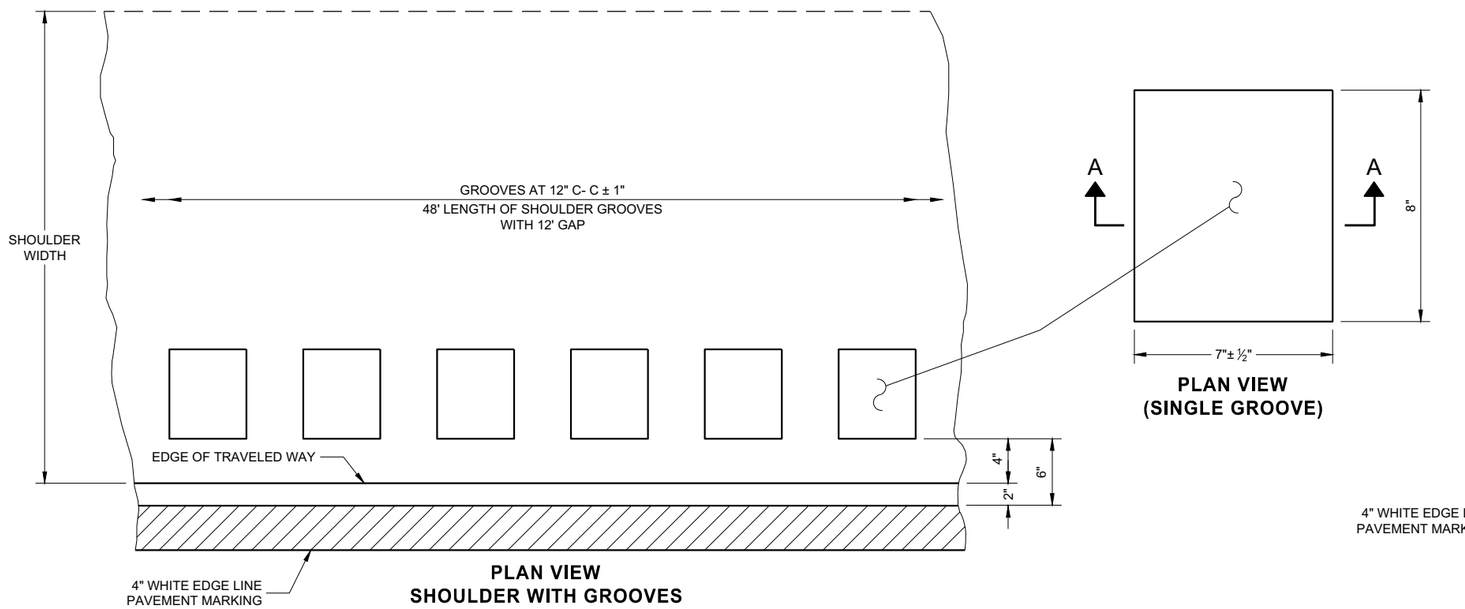
FILE NAME : N:\PDS\C3D\55100033\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 22
PLOT DATE : 4/12/2022 3:36 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

13A10-02A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-07A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

6

6



PLAN VIEW
(SINGLE GROOVE)

PLAN VIEW
SHOULDER WITH GROOVES

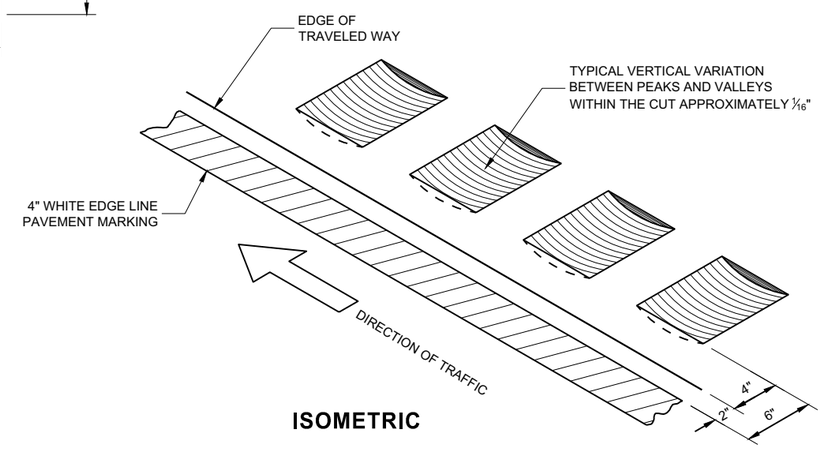
PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP

GENERAL NOTES

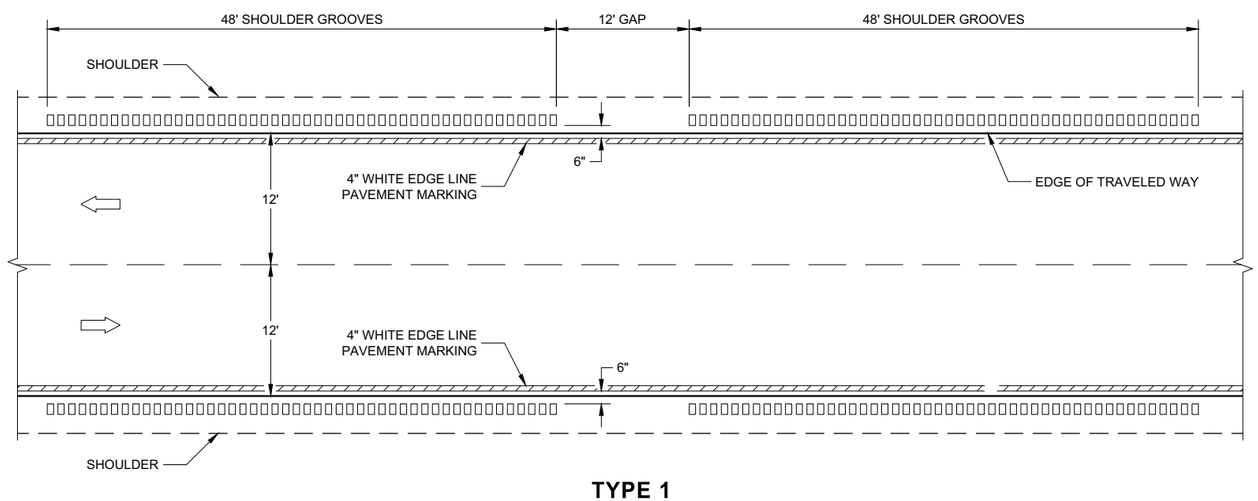
DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

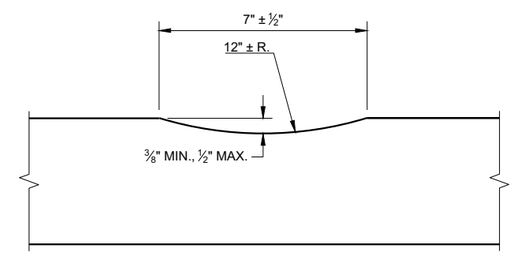
(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



TYPE 1
2 - LANE SHOULDER RUMBLE STRIP



SECTION A - A

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

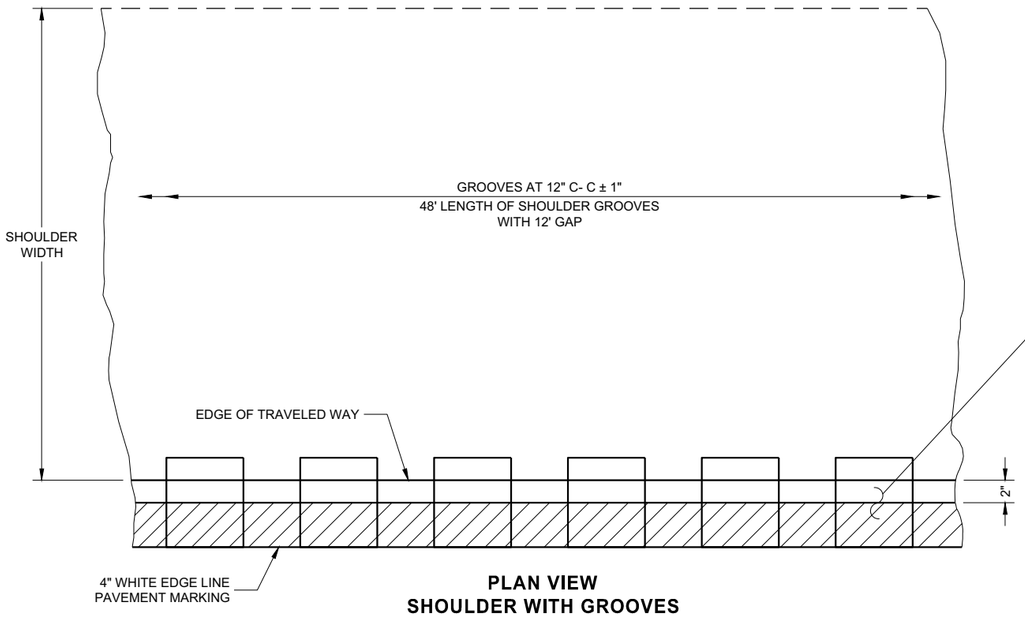
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

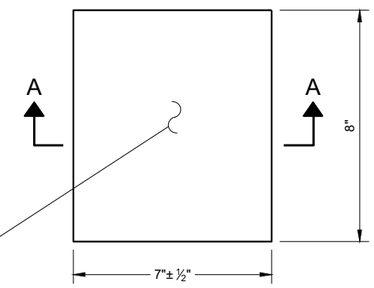
SDD 13A10 - 02a

6

SDD 13A10 - 02a



PLAN VIEW
SHOULDER WITH GROOVES



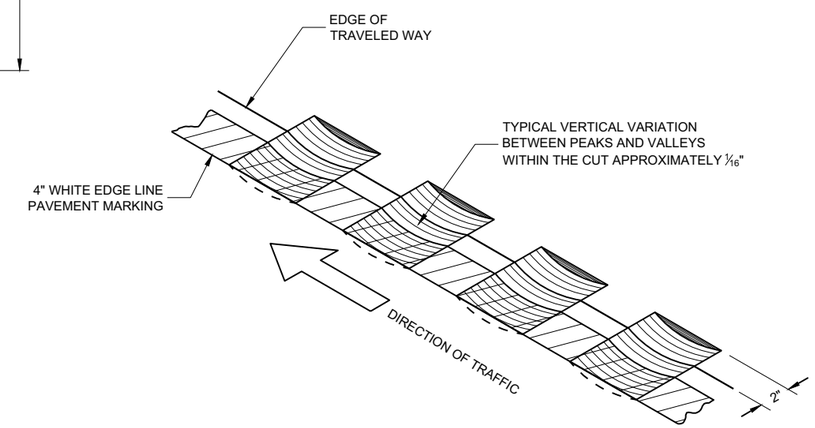
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

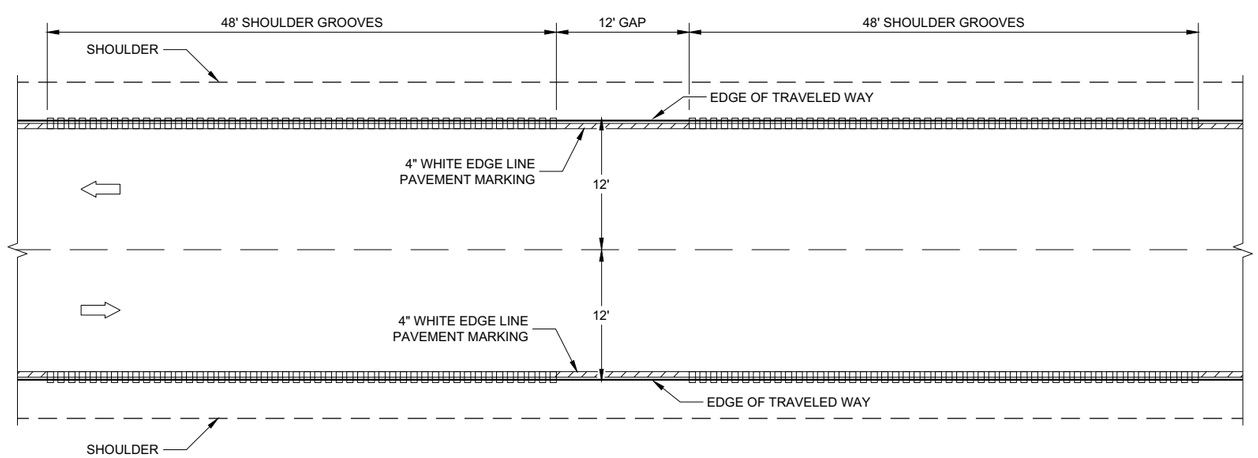
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

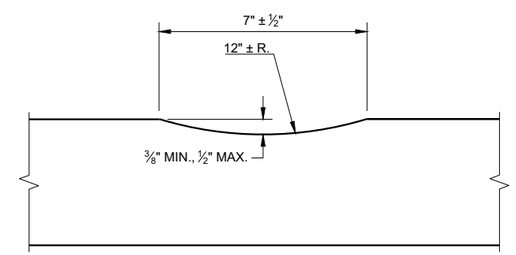


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP



TYPE 2
2 - LANE SHOULDER RUMBLE STRIP



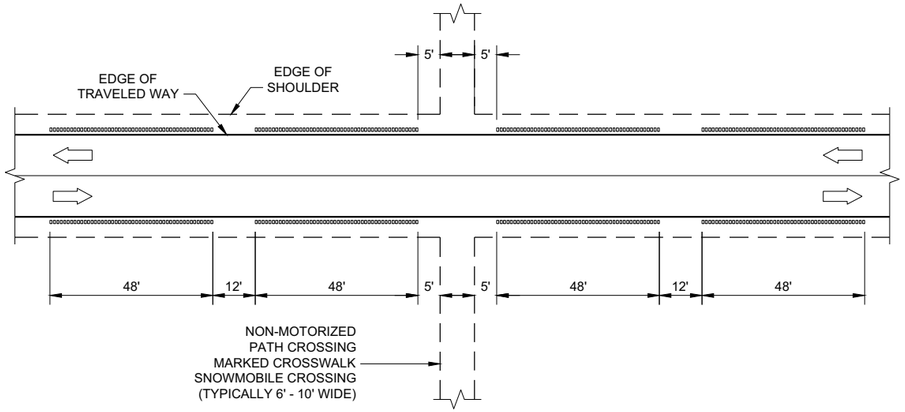
SECTION A - A

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

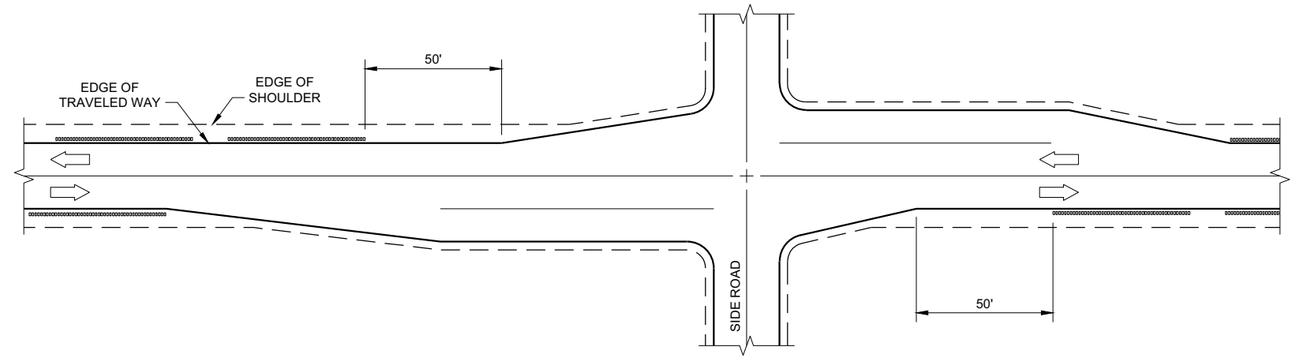
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT

6

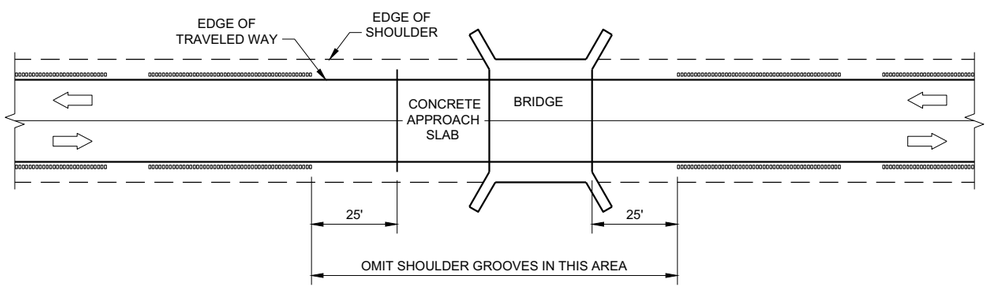
SDD 13A10 - 02b



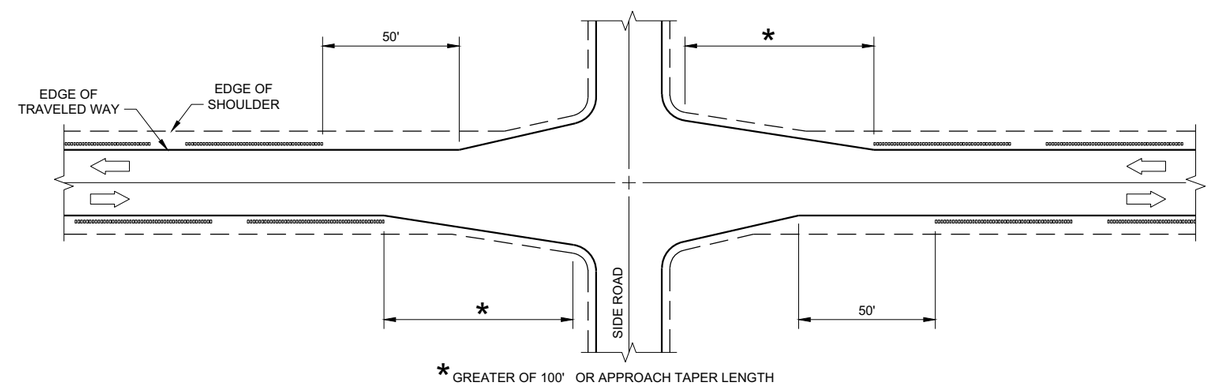
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



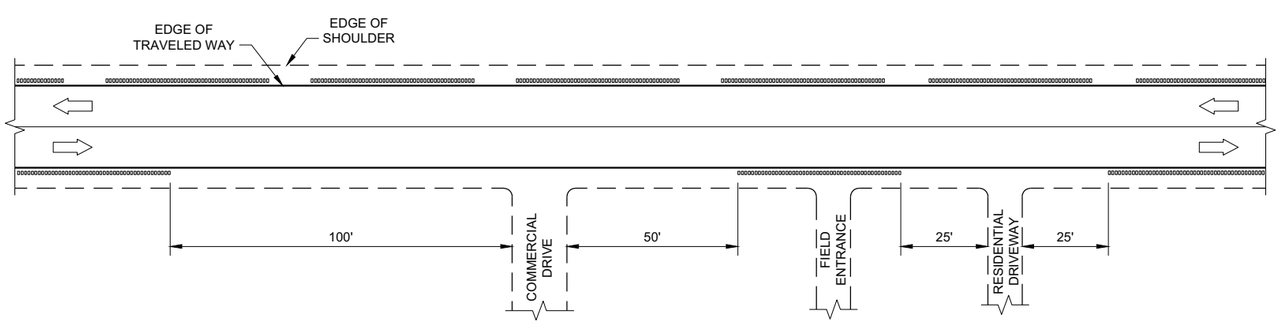
SHOULDER GROOVES AT RIGHT TURN LANE



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT INTERSECTIONS WITH APPROACH TAPER



SHOULDER GROOVES AT DRIVEWAYS (1)

GENERAL NOTES

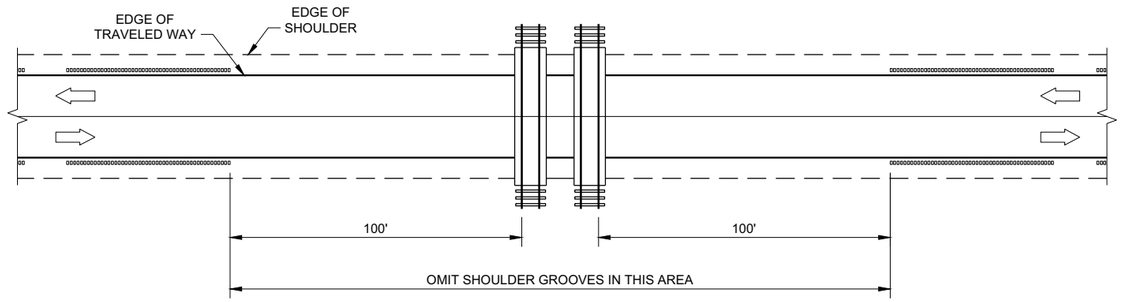
(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

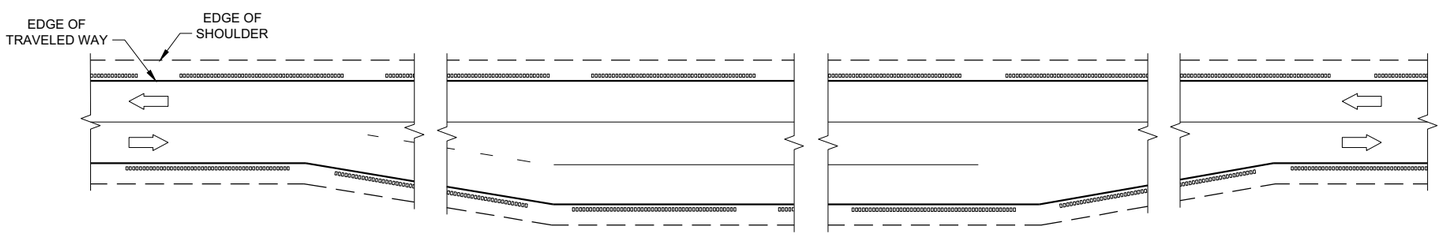
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT

6

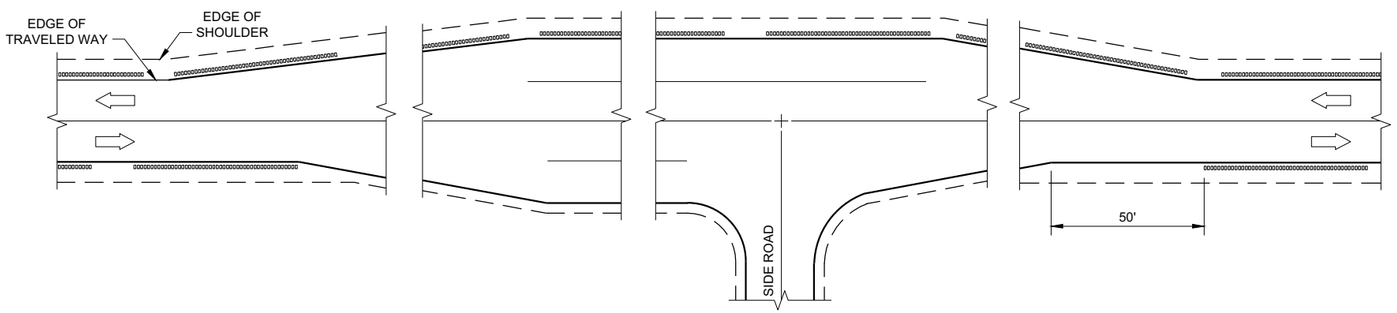
SDD 13A10 - 02c



SHOULDER GROOVES AT RAILROADS



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

6

6

SDD 13A10 - 02d

SDD 13A10 - 02d

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/2018
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

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

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

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

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

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

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

FLAGGING

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

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

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

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

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

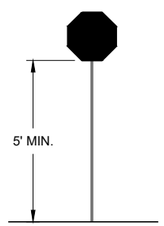
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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



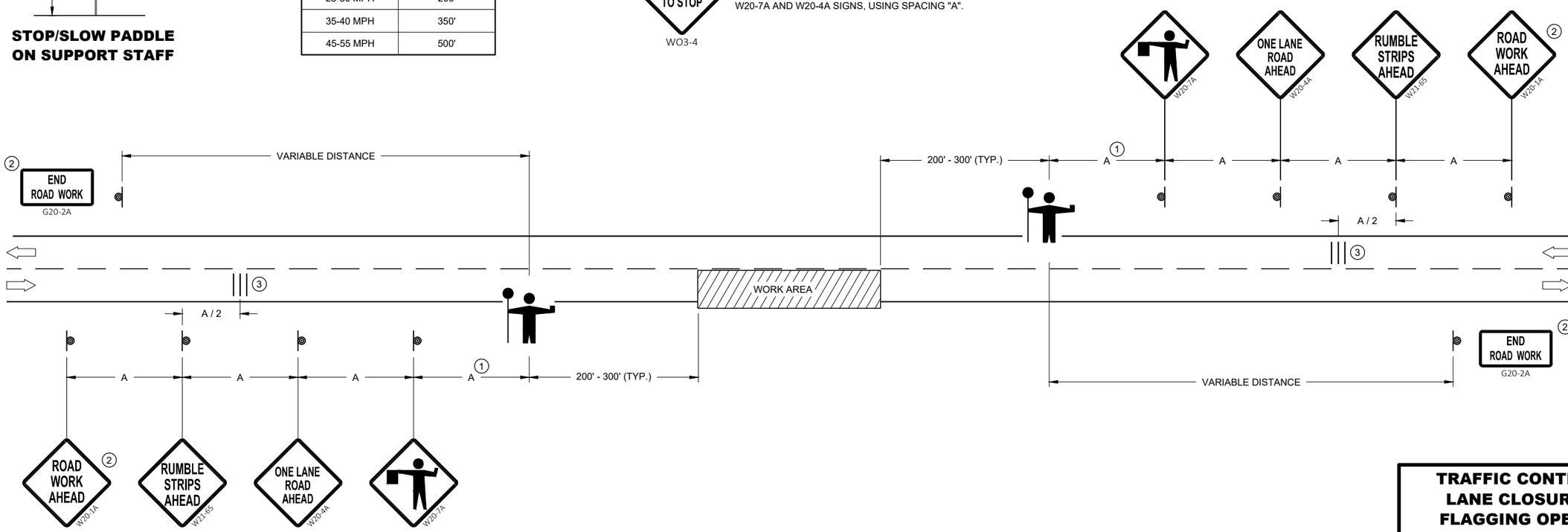
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

6

SDD 15C12 - 09a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

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

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

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

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

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

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

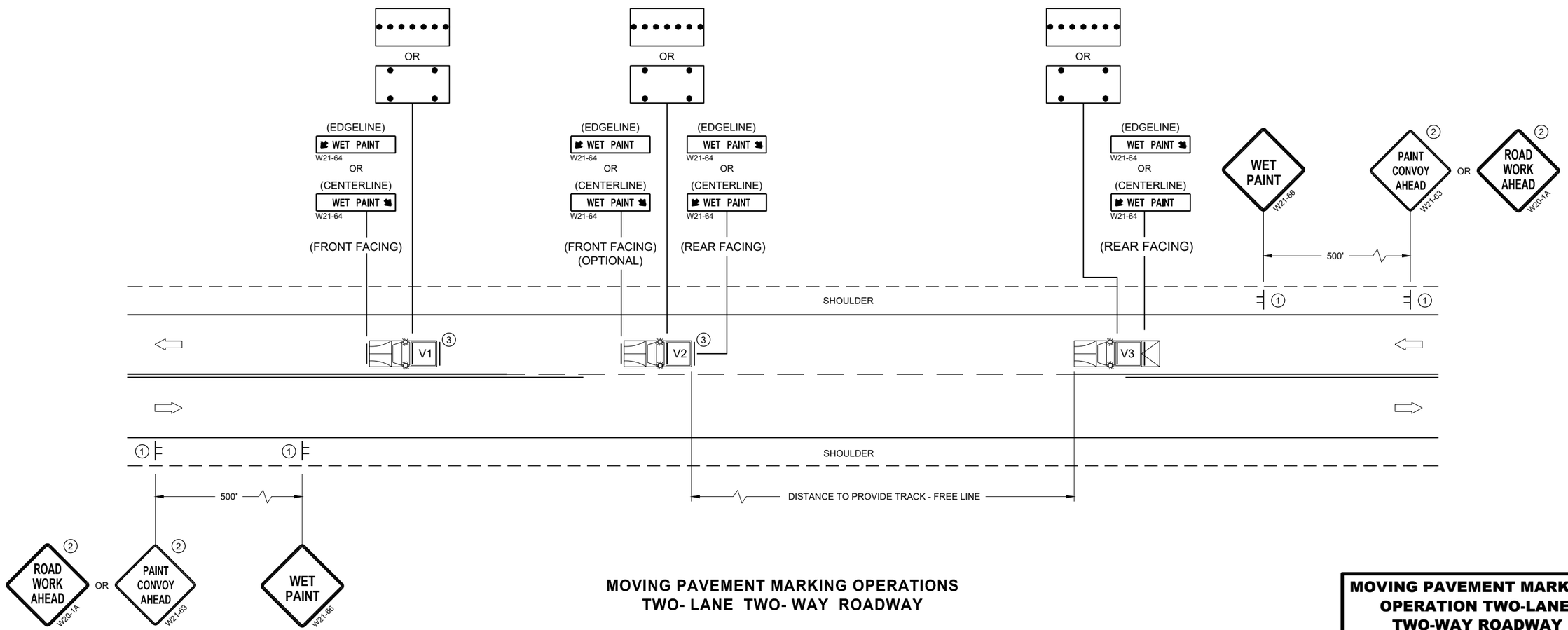
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

6

SDD 15C19 - 07a

Wisconsin Department of Transportation

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LAX

FEBRUARY 2023

ORDER OF SHEETS

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

TOTAL SHEETS = 56

PROJECT ID: 7062-02-73

WITH: 5510-00-63

COUNTY: MONROE

10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SPARTA - BLACK RIVER FALLS

SPARTA N CITY LIMITS TO N COUNTY LN

STH 27
MONROE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7062-02-73	WISC 2023241	1

STATE PROJECT NUMBER
7062-02-73

N

DESIGN DESIGNATION 7062-02-03

A.A.D.T.	2023	=	4870
A.A.D.T.	2043	=	4870
D.H.V.		=	-
D.D.		=	-
T.		=	-
DESIGN SPEED		=	55 MPH
ESALS		=	1,800,000

CONVENTIONAL SYMBOLS

PLAN

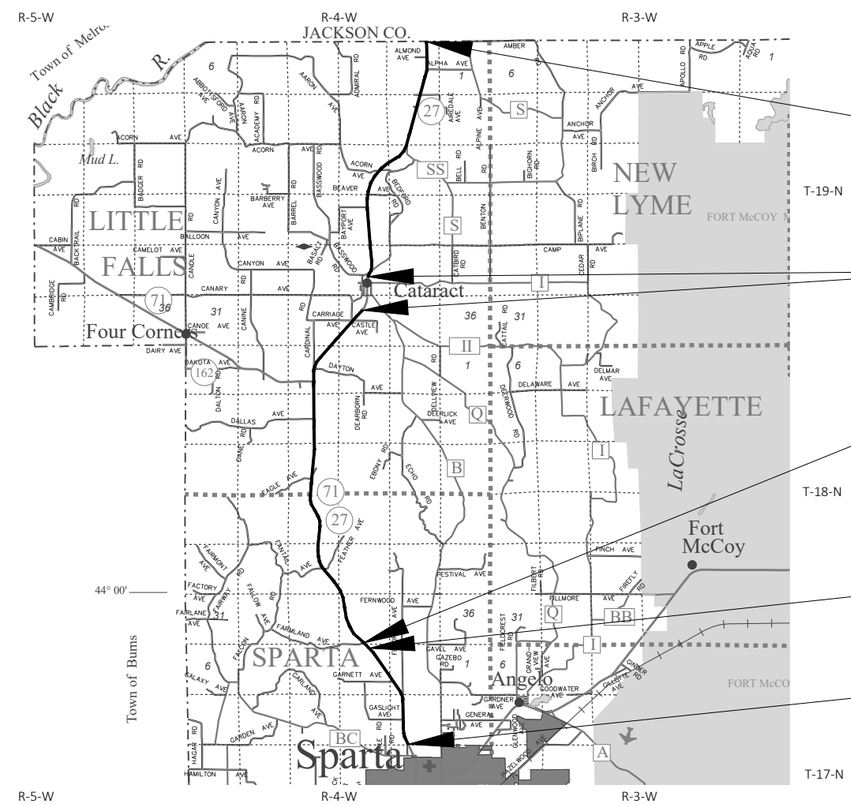
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SLOPE INTERCEPT
REFERENCE LINE (300'EB')
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
COMBUSTIBLE FLUIDS (CAUTION)
MARSH AREA
WOODED OR SHRUB AREA

PROFILE

GRADE LINE
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
SPECIAL DITCH (LABEL)
GRADE ELEVATION (95.36)
CULVERT (Profile View)

UTILITIES

ELECTRIC (E)
FIBER OPTIC (FO)
GAS (G)
SANITARY SEWER (SAN)
STORM SEWER (SS)
TELEPHONE (T)
WATER (W)
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE



LAYOUT

SCALE 0 3 MI

END PROJECT
STA 881+89

EXCEPTION TO NET CENTERLINE LENGTH
STA 581+65 - 616+51
(B-41-0005 - B-41-0397)

EXCEPTION TO NET CENTERLINE LENGTH
STA 195+70 - 196+11
(B-41-0167)

EXCEPTION TO NET CENTERLINE LENGTH
STA 188+30 - 188+81
(B-41-0166)

BEGIN PROJECT
STA 76+69
X = 622902.68
Y = 384498.41

TOTAL NET LENGTH OF CENTERLINE = 14.572 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), MONROE COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	JOE STANGE
Project Manager	NATHANIEL SCHUMAKER
Regional Examiner	SW REGION
Regional Supervisor	DANIEL KLEINERTZ

APPROVED FOR THE DEPARTMENT

DATE: 11/30/22 (Signature)

E

DESIGN CONTACTS

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LA CROSSE, WI 54601
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3550 MORMON COULEE RD
LA CROSSE, WI 54601
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EMAIL: joseph.stange@dot.wi.gov

DNR CONTACT

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3550 MORMON COULEE RD
LA CROSSE, WI 54601
PHONE: (608) 785-9115
EMAIL: karen.kalvelage@wisconsin.gov

UTILITY CONTACTS

CATARACT SANITARY DISTRICT - SEWER
CASSIE SCHOBER
8096 CTH B
SPARTA, WI 54656
(608) 633-0351
EMAIL: littlefallsclerk@yahoo.com

CENTURYLINK
TOM MURRAY
333 NORTH FRONT STREET
LA CROSSE, WI 54601
PHONE: (608) 615-4169
EMAIL: Tom.l.murray@lumen.com

JACKSON ELECTRIC COOPERATIVE - ELECTRICITY
ERIC STEIEN
N6868 CO HWY F
BLACK RIVER FALLS, WI 54615
PHONE: (715) 284-5385
EMAIL: esteien@jackelec.com

NORTHERN NATURAL GAS COMPANY - GAS/PETROLEUM
LENNY KLAAS
5552 CTY HWY D
PLATTEVILLE, WI 53818
PHONE: (420) 530-2806
EMAIL: Leonard.Klaas@NNGCO.com

WE ENERGIES - GAS/PETROLEUM
TRAVIS KAHL
1921 8TH STREET
WISCONSIN RAPIDS, WI 54494
PHONE: (715) 421-7256
EMAIL: Travis.Kahl@We-energies.com

EXCEL ENERGY TRANSMISSION
MITCHELL DIENGER
414 NICOLETT MALL 5TH FLOOR
MINNEAPOLIS, MN 55401
PHONE: (612) 321-3109
EMAIL: mitchell.a.dienger@xcelenergy.com

XCEL ENERGY - DISTRIBUTION
JOE MOEN
3215 COMMERCE STREET
LA CROSSE, WI 54603
PHONE: (715) 566-2495
EMAIL: Joe.J.Moen@xcelenergy.com

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

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BOP	BEGINNING OF PROJECT
CE	COMMERCIAL ENTRANCE
C/L	CENTERLINE
DD	DIRECTIONAL DISTRIBUTION
DHV	DESIGN HOURLY VOLUME
EOP	END OF PROJECT
ESAL	EQUIVALENT SINGLE AXLE LOADING
FE	FIELD ENTRANCE
LT	LEFT
PE	PRIVATE ENTRANCE
RT	RIGHT
SDD	STANDARD DETAIL DRAWING
SHLD	SHOULDER(S)
STA	STATION
STH	STATE TRUNK HIGHWAY
T	PERCENT TRUCKS
TYP	TYPICAL
VAR	VARIES

GENERAL NOTES

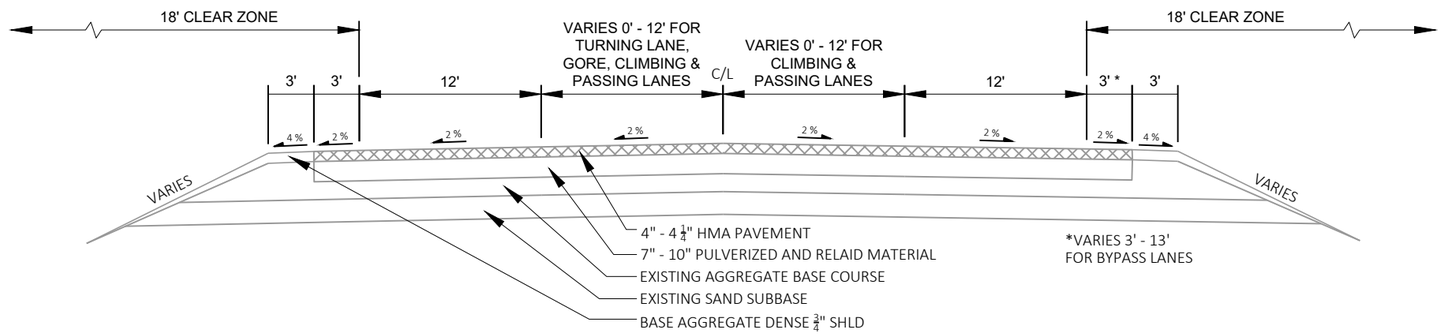
- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTORS SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

- ALL CLOSED LANES MUST BE SWEPT CLEAN PRIOR TO OPENING TO TRAFFIC.

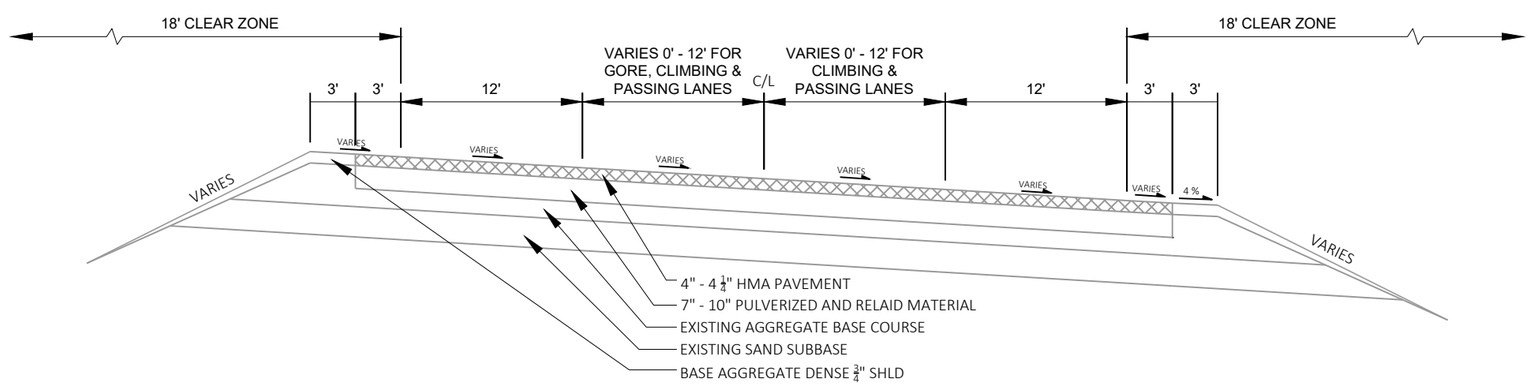
- ASPHALTIC SURFACE WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN

- APPLY TACK COAT AT A RATE OF 0.07 GAL/SY BETWEEN MILLED PAVEMENT SURFACES AND ASPHALTIC SURFACE LAYER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



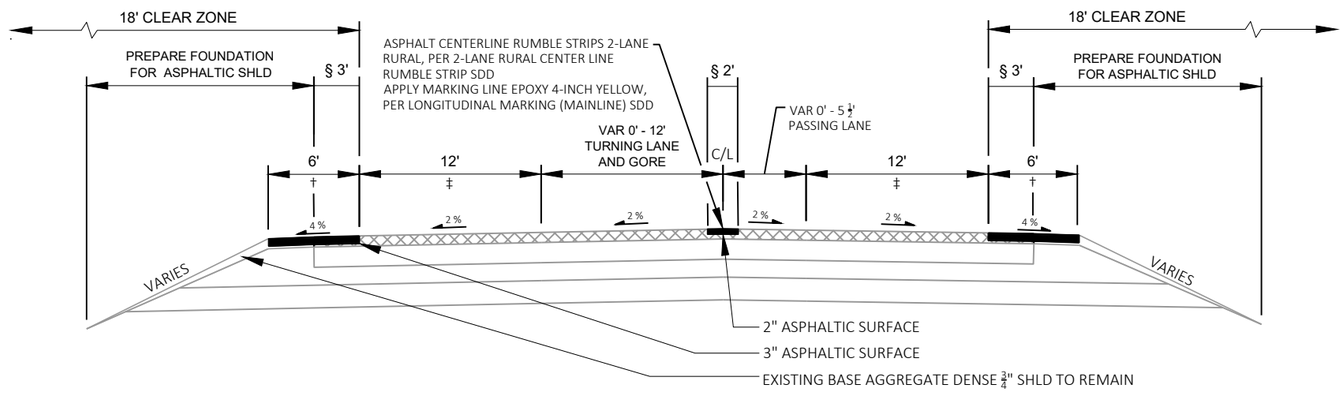
EXISTING TYPICAL SECTION STH 27

STATIONS 76+69 - 188+30
STATIONS 188+81 - 195+70
STATIONS 196+11 - 581+65
STATIONS 616+51 - 881+89



EXISTING TYPICAL SECTION STH 27 - SUPERELEVATED RT CURVE

STATIONS 76+69 - 881+89
MIRROR FOR LT CURVES



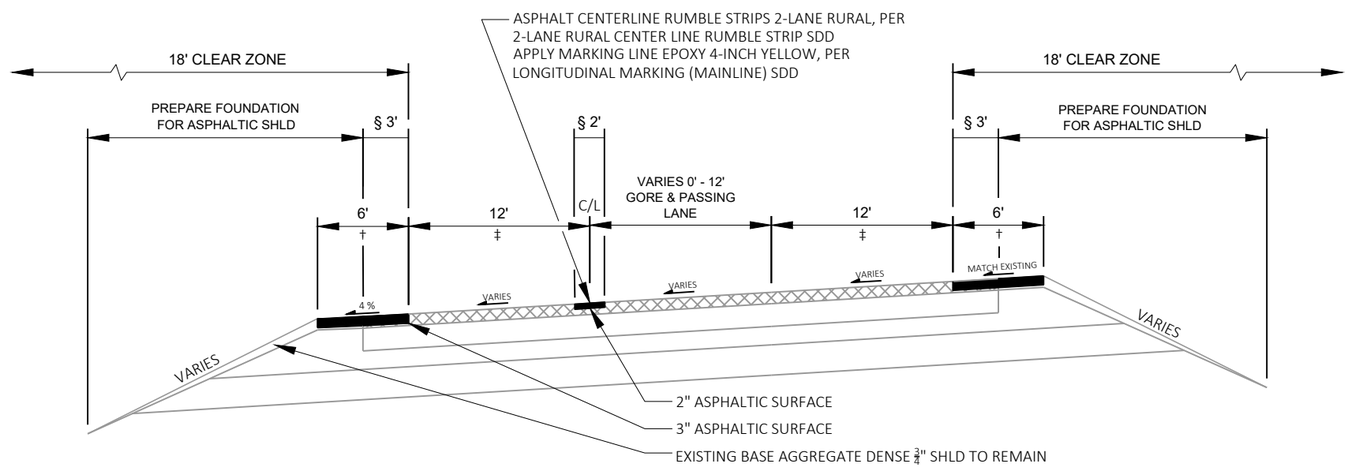
† ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL TYPE 1, PER 2-LANE RURAL SHOULDER RUMBLE STRIP SDD.

‡ APPLY MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH WHITE AT EDGE OF TRAVELED WAY, PER PAVEMENT MARKING (INTERSECTIONS) AND PAVEMENT MARKING AND SIGNING (CLIMBING & PASSING LANES) SDD.

§ LIMITS OF REMOVING ASPHALTIC SURFACE MILLING

PROPOSED TYPICAL SECTION STH 27

STATIONS 76+69 - 128+60



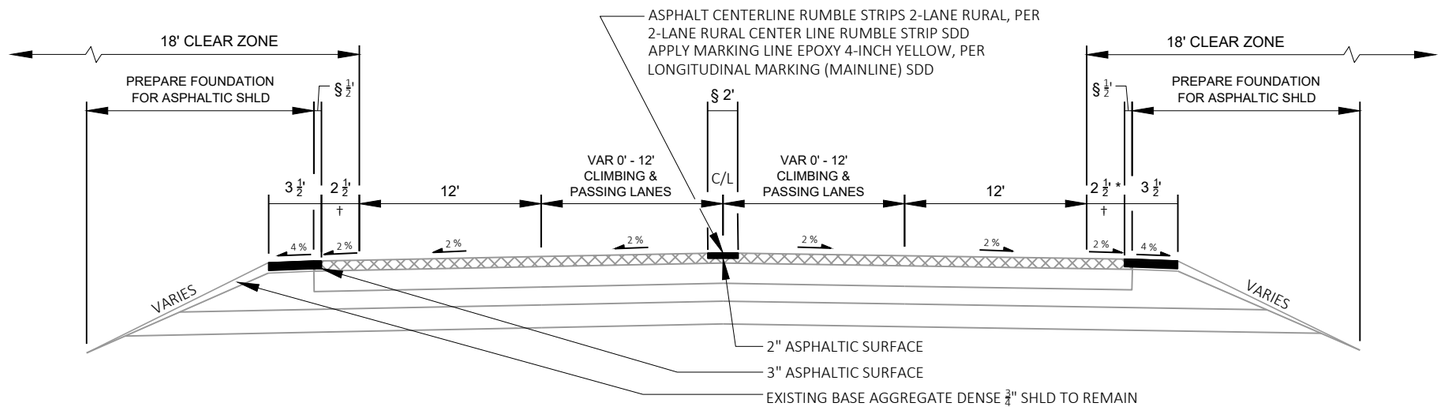
† ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL TYPE 1, PER 2-LANE RURAL SHOULDER RUMBLE STRIP SDD.

‡ APPLY MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH WHITE AT EDGE OF TRAVELED WAY, PER PAVEMENT MARKING (INTERSECTIONS) AND PAVEMENT MARKING AND SIGNING (CLIMBING & PASSING LANES) SDD.

§ LIMITS OF REMOVING ASPHALTIC SURFACE MILLING

PROPOSED TYPICAL SECTION STH 27 - SUPERELEVATED LT CURVE

STATIONS 76+69 - 128+60
MIRROR FOR RT CURVES



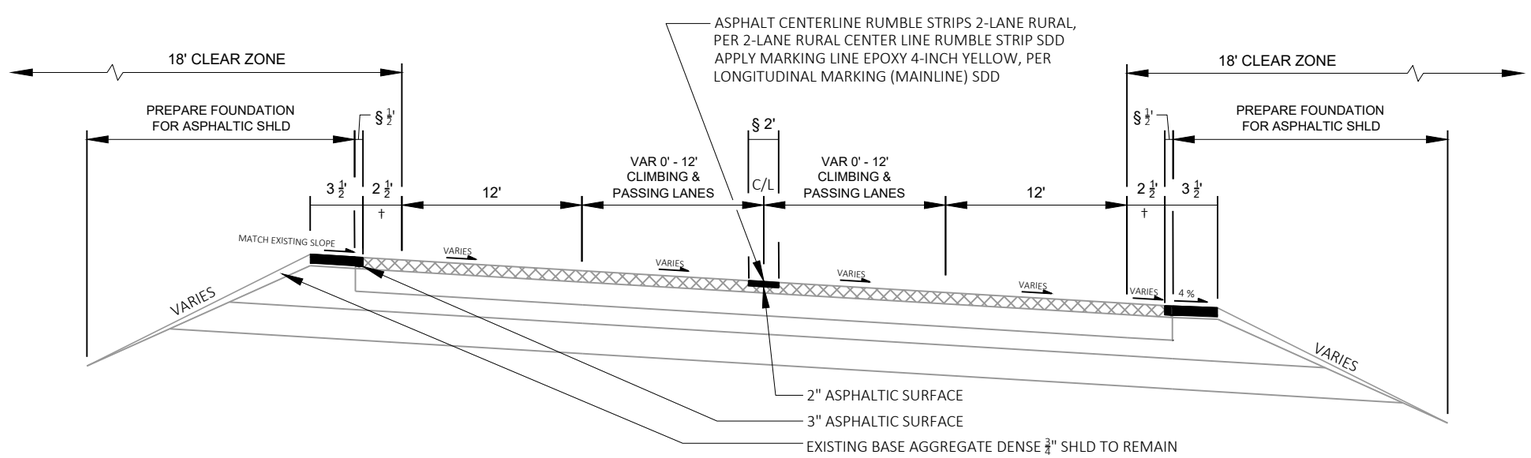
* VARIES 2½' - 12½' FOR BYPASS LANES

† ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL TYPE 1, PER 2-LANE RURAL SHOULDER RUMBLE STRIP SDD. APPLY FOG SEAL SHOULDER RUMBLE STRIPS PER CONSTRUCTION DETAIL.

§ LIMITS OF REMOVING ASPHALTIC SURFACE MILLING

PROPOSED TYPICAL SECTION STH 27

STATIONS 128+60 - 188+30
STATIONS 188+81 - 195+70
STATIONS 196+11 - 581+65
STATIONS 616+51 - 881+89

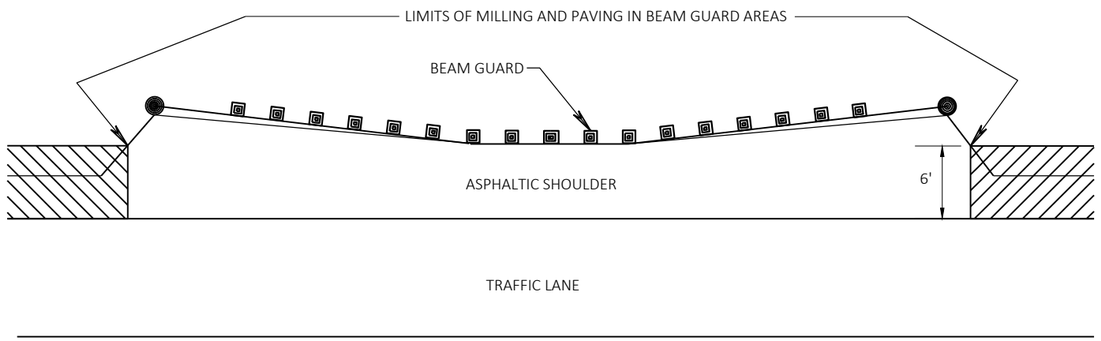


† ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL TYPE 1, PER 2-LANE RURAL SHOULDER RUMBLE STRIP SDD. APPLY FOG SEAL SHOULDER RUMBLE STRIPS PER CONSTRUCTION DETAIL.

§ LIMITS OF REMOVING ASPHALTIC SURFACE MILLING

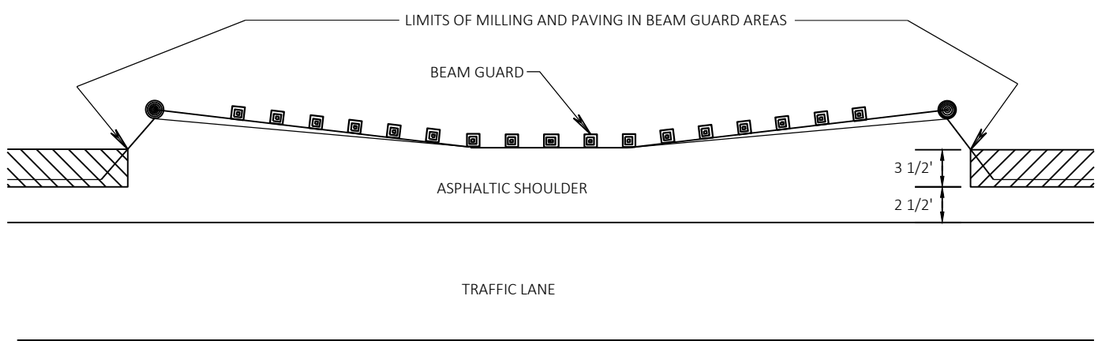
PROPOSED TYPICAL SECTION STH 27 - SUPERELEVATED RT CURVE

STATIONS 128+60 -881+89
MIRROR FOR LT CURVES



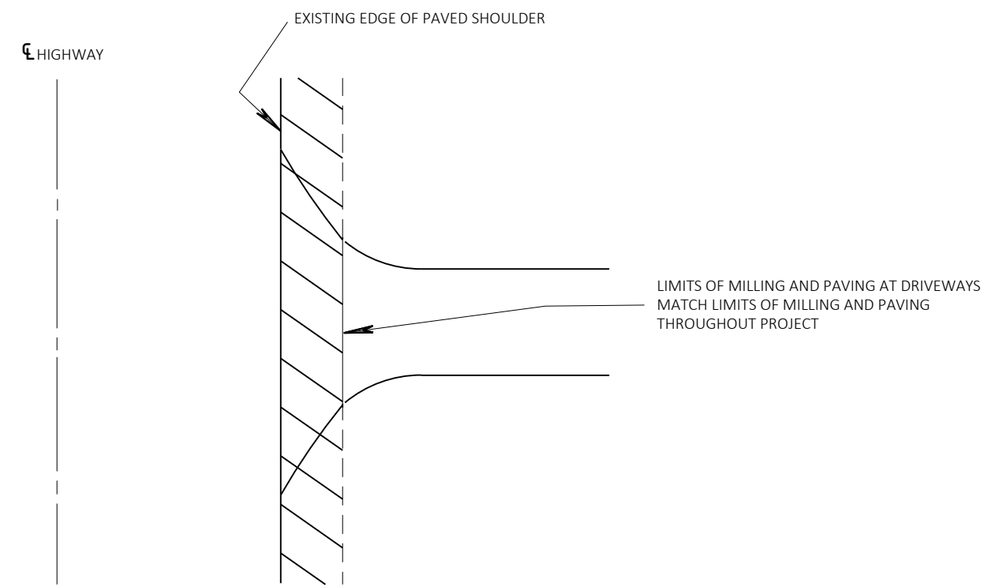
DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

STATIONS 76+69 - 128+60

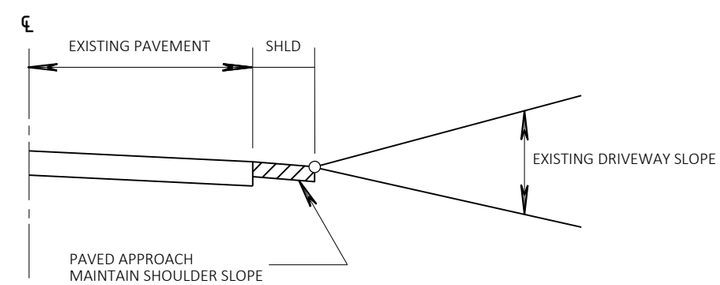


DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

STATIONS 128+60 - 881+89

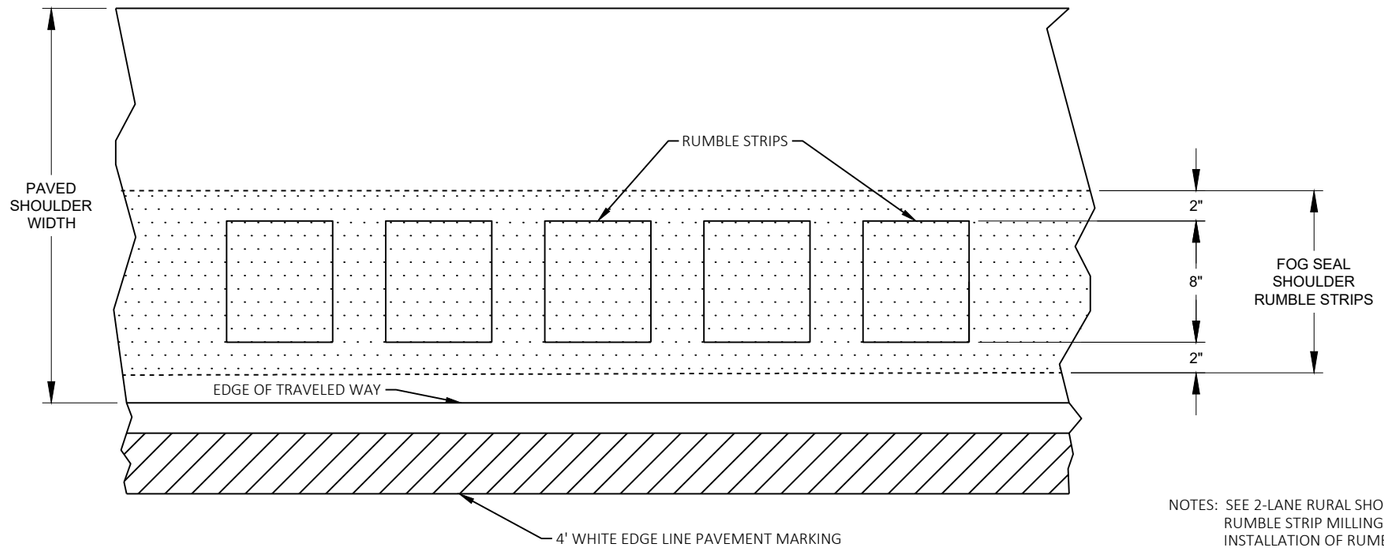


PLAN VIEW



TYPICAL PROFILES

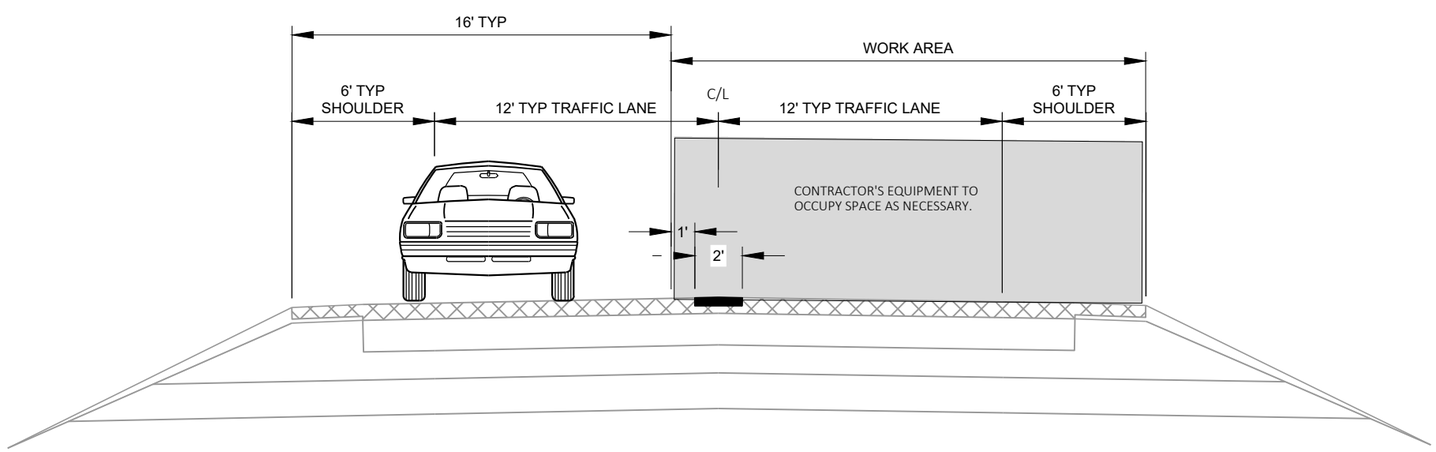
RURAL DRIVEWAY INTERSECTION DETAIL



DETAIL FOR APPLICATION OF FOG SEAL SHOULDER RUMBLE STRIPS

NOTES: SEE 2-LANE RURAL SHOULDER RUMBLE STRIP MILLING SDD FOR INSTALLATION OF RUMBLE STRIPS

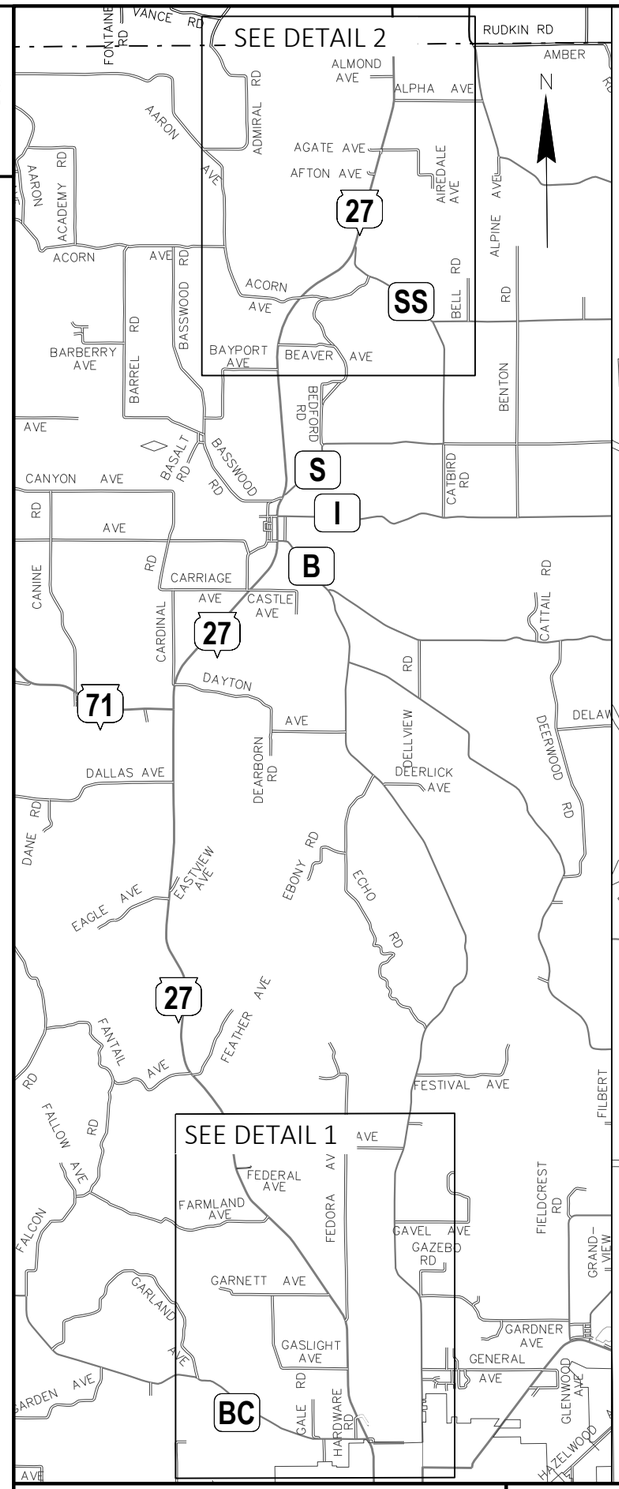
SEE MOVING PAVEMENT MARKING OPERATION, TWO LANE TWO-WAY ROADWAY SDD FOR RECOMMENDED TRAFFIC CONTROL SETUP

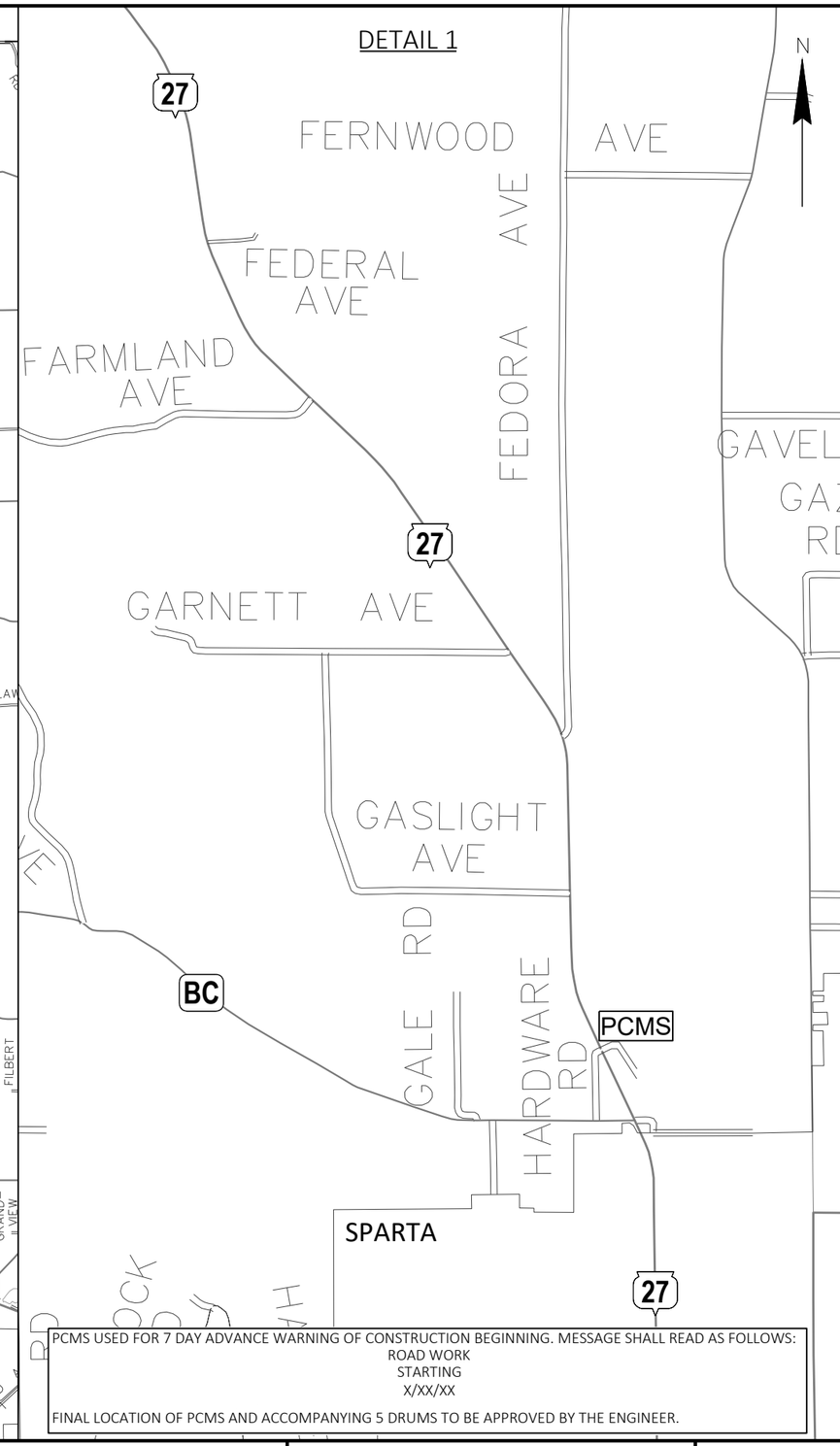


TYPICAL LANE SHIFT DETAIL FOR CENTERLINE WORK OPERATIONS

NOTES: CENTERLINE WORK TO BE PERFORMED ONLY AFTER SHOULDER PAVING IS COMPLETED.

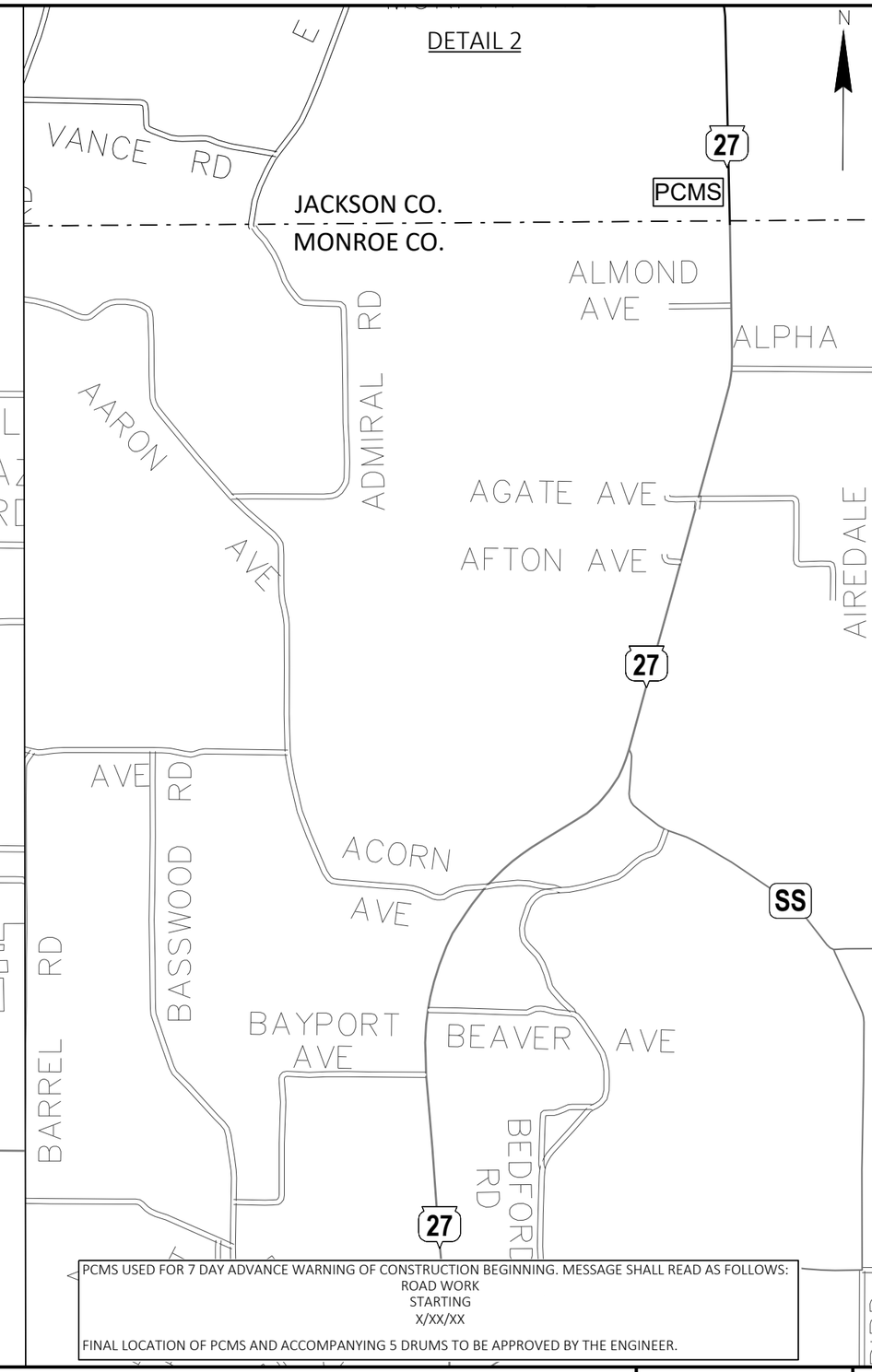
LANE SHIFT ACCOMPANIED BY FLAGGING OPERATION DETAILED IN TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION SDD.





PCMS USED FOR 7 DAY ADVANCE WARNING OF CONSTRUCTION BEGINNING. MESSAGE SHALL READ AS FOLLOWS:
ROAD WORK
STARTING
X/XX/XX

FINAL LOCATION OF PCMS AND ACCOMPANYING 5 DRUMS TO BE APPROVED BY THE ENGINEER.



PCMS USED FOR 7 DAY ADVANCE WARNING OF CONSTRUCTION BEGINNING. MESSAGE SHALL READ AS FOLLOWS:
ROAD WORK
STARTING
X/XX/XX

FINAL LOCATION OF PCMS AND ACCOMPANYING 5 DRUMS TO BE APPROVED BY THE ENGINEER.

PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	TRAFFIC CONTROL DETAILS	SHEET 8	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 03
PLOT DATE : 4/12/2022 12:31 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : Custom
WISDOT/CADDS SHEET 42

7062-02-73

Line	Item	Item Description	Unit	Total	Qty
0002	204.0120	Removing Asphaltic Surface Milling	SY	26,715.000	26,715.000
0004	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	1,343.000	1,343.000
0008	213.0100	Finishing Roadway (project) 02. 7062-02-73	EACH	1.000	1.000
0010	450.4000	HMA Cold Weather Paving	TON	2,804.000	2,804.000
0012	455.0605	Tack Coat	GAL	1,871.000	1,871.000
0014	465.0105	Asphaltic Surface	TON	11,216.000	11,216.000
0016	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	136,970.000	136,970.000
0018	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	66,279.000	66,279.000
0022	618.0100	Maintenance And Repair of Haul Roads (project) 02. 7062-02-73	EACH	1.000	1.000
0024	619.1000	Mobilization	EACH	0.750	0.750
0026	642.5001	Field Office Type B	EACH	1.000	1.000
0028	643.0300	Traffic Control Drums	DAY	70.000	70.000
0030	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0032	643.3120	Temporary Marking Line Epoxy 4-Inch	LF	105,889.000	105,889.000
0034	643.5000	Traffic Control	EACH	1.000	1.000
0036	646.1020	Marking Line Epoxy 4-Inch	LF	112,196.000	112,196.000
0038	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	9,466.000	9,466.000
0040	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	112,196.000	112,196.000
0042	650.8000	Construction Staking Resurfacing Reference	LF	76,942.000	76,942.000
0044	650.9911	Construction Staking Supplemental Control (project) 01. 7062-02-73	EACH	1.000	1.000
0046	SPV.0090	Special 01. Fog Seal Shoulder Rumble Strips	LF	129,540.000	129,540.000

3

CATEGORY	STATION	TO	STATION	LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	REMARKS
0010	76+69	-	108+94	RT	1,073	SCHOOL ENTRANCE - GUARD RAIL
0010	81+98	-	101+89	LT	666	END C&G - GASLIGHT AVE
0010	88+34	-	188+30	CL	2,221	CL FILL, END GORE - B-41-0166
0010	103+55	-	108+87	LT	177	GASLIGHT - GUARD RAIL
0010	111+04	-	126+92	LT	529	GUARDRAIL - FEDORA RD
0010	111+04	-	115+20	RT	139	GUARDRAIL - GUARDRAIL
0010	118+57	-	128+03	RT	318	GUARDRAIL - FEDORA RD
0010	129+27	-	133+00	RT	21	FEDORA RD - CURB & GUTTER
0010	131+07	-	144+63	LT	75	FEDORA RD - GARNETT AVE
0010	134+24	-	156+98	RT	126	CURB & GUTTER - CURB & GUTTER
0010	146+15	-	158+45	LT	68	GARNETT AVE - CURB & GUTTER
0010	159+81	-	187+42	RT	154	CURB & GUTTER - B-41-0166
0010	162+30	-	187+37	LT	139	CURB & GUTTER - B-41-0166
0010	188+81	-	195+70	CL	153	CL FILL, B-41-0166 - B-41-0167
0010	189+69	-	194+88	LT	29	B-41-0166 - B-41-0167
0010	189+71	-	194+82	RT	28	B-41-0166 - B-41-0167
0010	196+11	-	581+65	CL	8,568	CL FILL, B-41-0167 - B-41-0005
0010	197+58		227+49	RT	166	B-41-0167 - FEDERAL AVE
0010	228+22		285+47	RT	318	FEDERAL AVE - FEATHER AVE
0010	198+94	-	235+21	LT	202	FARMLAND AVE - CONCRETE PE
0010	235+57	-	287+78	LT	290	CONCRETE PE - FANTAIL AVE
0010	287+43	-	315+96	RT	157	FEATHER AVE - GUARD RAIL
0010	288+87	-	345+00	LT	312	FANTAIL AVE - GUARD RAIL
0010	329+03	-	339+97	RT	61	GUARD RAIL - GUARD RAIL
0010	346+58	-	388+69	RT	233	GUARD RAIL - EASTVIEW AVE
0010	354+44	-	384+17	LT	166	PE - EAGLE AVE
0010	385+97	-	396+45	LT	58	EAGLE AVE - GUARD RAIL
0010	390+01	-	396+47	RT	36	EASTVIEW AVE - GUARD RAIL
0010	398+56	-	424+46	LT	143	GUARD RAIL - GUARD RAIL
0010	399+06	-	425+01	RT	144	GUARD RAIL - GUARD RAIL
0010	426+55	-	499+31	RT	404	GUARD RAIL - DAYTON AVE
0010	427+54	-	446+68	LT	106	GUARD RAIL - DALLAS AVE
0010	448+52	-	485+31	LT	204	DALLAS AVE - STH 71
0010	489+21	-	499+26	LT	56	STH 71 - CARDINAL RD
0010	500+50	-	512+49	LT	67	CARDINAL RD - GUARD RAIL
0010	500+70	-	513+48	RT	71	DAYTON AVE - GUARD RAIL
0010	518+56	-	565+04	RT	258	GUARD RAIL - CASTLE AVE
0010	518+58	-	564+19	LT	253	GUARD RAIL - CARRIAGE AVE
0010	565+68	-	580+35	LT	81	CARRIAGE AVE - GUARD RAIL
0010	566+18	-	580+07	RT	77	CASTLE AVE - GUARD RAIL
0010	616+51	-	881+89	CL	5,897	CL FILL, B-41-0397 - COUNTY LINE
0010	620+51	-	632+82	LT	68	BASSWOOD RD - GUARD RAIL
0010	623+21	-	628+98	RT	32	CTH S - GUARD RAIL
0010	635+00	-	683+47	RT	269	GUARD RAIL - GUARD RAIL
0010	637+66	-	683+47	LT	255	GUARD RAIL - GUARD RAIL
0010	688+06	-	702+28	RT	79	GUARD RAIL - BEAVER AVE
0010	690+31	-	729+93	LT	221	BAYPORT AVE - ACORN AVE
0010	703+22	-	731+06	RT	154	BEAVER AVE - ACORN AVE
0010	731+39	-	740+54	LT	51	ACORN AVE - GUARD RAIL
0010	732+28	-	738+29	RT	33	ACORN AVE - GUARD RAIL
0010	745+53	-	757+99	LT	69	GUARD RAIL - GUARD RAIL
0010	750+57	-	762+74	RT	69	GUARD RAIL - GUARD RAIL
0010	767+49	-	771+63	RT	23	GUARD RAIL - CTH SS
0010	772+86	-	794+48	LT	120	CURB & GUTTER - GUARD RAIL
0010	773+26	-	794+48	RT	118	CTH SS - GUARD RAIL
0010	797+01	-	811+66	LT	81	GUARD RAIL - AFTON AVE
0010	797+03	-	825+27	RT	157	GUARD RAIL - AIREDALE AVE
0010	812+42	-	825+10	LT	70	AFTON AVE - AGATE AVE
0010	825+96	-	852+44	RT	147	AIREDALE AVE - ALPHA AVE
0010	825+99	-	865+46	LT	219	AGATE AVE - ALMOND AVE
0010	853+48	-	880+90	RT	152	ALPHA AVE - GUARD RAIL
0010	866+22	-	880+41	LT	79	ALMOND AVE - GUARD RAIL
				PROJECT TOTAL	26,715	

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CATEGORY	STATION	TO	STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	REMARKS
0010	76+69	-	108+94	RT	32	SCHOOL ENTRANCE - GUARD RAIL
0010	81+98	-	101+89	LT	20	END C&G - GASLIGHT AVE
0010	103+55	-	108+87	LT	5	GASLIGHT - GUARD RAIL
0010	111+04	-	126+92	LT	16	GUARDRAIL - FEDORA RD
0010	111+04	-	115+20	RT	4	GUARDRAIL - GUARDRAIL
0010	118+57	-	128+03	RT	10	GUARDRAIL - FEDORA RD
0010	129+27	-	133+00	RT	4	FEDORA RD - CURB & GUTTER
0010	131+07	-	144+63	LT	14	FEDORA RD - GARNETT AVE
0010	134+24	-	156+98	RT	23	CURB & GUTTER - CURB & GUTTER
0010	146+15	-	158+45	LT	12	GARNETT AVE - CURB & GUTTER
0010	159+81	-	187+42	RT	28	CURB & GUTTER - B-41-0166
0010	162+30	-	187+37	LT	25	CURB & GUTTER - B-41-0166
0010	189+69	-	194+88	LT	5	B-41-0166 - B-41-0167
0010	189+71	-	194+82	RT	5	B-41-0166 - B-41-0167
0010	197+58		227+49	RT	30	B-41-0167 - FEDERAL AVE
0010	228+22		285+47	RT	57	FEDERAL AVE - FEATHER AVE
0010	198+94	-	235+21	LT	36	FARMLAND AVE - CONCRETE PE
0010	235+57	-	287+78	LT	52	CONCRETE PE - FANTAIL AVE
0010	287+43	-	315+96	RT	28	FEATHER AVE - GUARD RAIL
0010	288+87	-	345+00	LT	56	FANTAIL AVE - GUARD RAIL
0010	329+03	-	339+97	RT	11	GUARD RAIL - GUARD RAIL
0010	346+58	-	388+69	RT	42	GUARD RAIL - EASTVIEW AVE
0010	354+44	-	384+17	LT	30	PE - EAGLE AVE
0010	385+97	-	396+45	LT	10	EAGLE AVE - GUARD RAIL
0010	390+01	-	396+47	RT	6	EASTVIEW AVE - GUARD RAIL
0010	398+56	-	424+46	LT	26	GUARD RAIL - GUARD RAIL
0010	399+06	-	425+01	RT	26	GUARD RAIL - GUARD RAIL
0010	426+55	-	499+31	RT	73	GUARD RAIL - DAYTON AVE
0010	427+54	-	446+68	LT	19	GUARD RAIL - DALLAS AVE
0010	448+52	-	485+31	LT	37	DALLAS AVE - STH 71
0010	489+21	-	499+26	LT	10	STH 71 - CARDINAL RD
0010	500+50	-	512+49	LT	12	DAYTON AVE - GUARD RAIL
0010	500+70	-	513+48	RT	13	CARDINAL RD - GUARD RAIL
0010	518+56	-	565+04	RT	46	GUARD RAIL - CASTLE AVE
0010	518+58	-	564+19	LT	46	GUARD RAIL - CARRIAGE AVE
0010	565+68	-	580+35	LT	15	CARRIAGE AVE - GUARD RAIL
0010	566+18	-	580+07	RT	14	CASTLE AVE - GUARD RAIL
0010	620+51	-	632+82	LT	12	BASSWOOD RD - GUARD RAIL
0010	623+21	-	628+98	RT	6	CTH S - GUARD RAIL
0010	635+00	-	683+47	RT	48	GUARD RAIL - GUARD RAIL
0010	637+66	-	683+47	LT	46	GUARD RAIL - GUARD RAIL
0010	688+06	-	702+28	RT	14	GUARD RAIL - BEAVER AVE
0010	690+31	-	729+93	LT	40	BAYPORT AVE - ACORN AVE
0010	703+22	-	731+06	RT	28	BEAVER AVE - ACORN AVE
0010	731+39	-	740+54	LT	9	ACORN AVE - GUARD RAIL
0010	732+28	-	738+29	RT	6	ACORN AVE - GUARD RAIL
0010	745+53	-	757+99	LT	12	GUARD RAIL - GUARD RAIL
0010	750+57	-	762+74	RT	12	GUARD RAIL - GUARD RAIL
0010	767+49	-	771+63	RT	4	GUARD RAIL - CTH SS
0010	772+86	-	794+48	LT	22	CURB & GUTTER - GUARD RAIL
0010	773+26	-	794+48	RT	21	CTH SS - GUARD RAIL
0010	797+01	-	811+66	LT	15	GUARD RAIL - AFTON AVE
0010	797+03	-	825+27	RT	28	GUARD RAIL - AIREDALE AVE
0010	812+42	-	825+10	LT	13	AFTON AVE - AGATE AVE
0010	825+96	-	852+44	RT	27	AIREDALE AVE - ALPHA AVE
0010	825+99	-	865+46	LT	39	AGATE AVE - ALMOND AVE
0010	853+48	-	880+90	RT	27	ALPHA AVE - GUARD RAIL
0010	866+22	-	880+41	LT	14	ALMOND AVE - GUARD RAIL
				PROJECT TOTAL	1,343	

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CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	465.0105 ASPHALTIC SURFACE TON	REMARKS
0010	76+69	-	108+94	RT	75	366	SCHOOL ENTRANCE - GUARD RAIL
0010	81+98	-	101+89	LT	47	227	END C&G - GASLIGHT AVE
0010	88+34	-	188+30	CL	155	249	CL FILL, END GORE - B-41-0166
0010	103+55	-	108+87	LT	12	61	GASLIGHT - GUARD RAIL
0010	111+04	-	126+92	LT	37	181	GUARDRAIL - FEDORA RD
0010	111+04	-	115+20	RT	10	47	GUARDRAIL - GUARDRAIL
0010	118+57	-	128+03	RT	22	108	GUARDRAIL - FEDORA RD
0010	129+27	-	133+00	RT	1	25	FEDORA RD - CURB & GUTTER
0010	131+07	-	144+63	LT	5	90	FEDORA RD - GARNETT AVE
0010	134+24	-	156+98	RT	9	151	CURB & GUTTER - CURB & GUTTER
0010	146+15	-	158+45	LT	5	82	GARNETT AVE - CURB & GUTTER
0010	159+81	-	187+42	RT	11	184	CURB & GUTTER - B-41-0166
0010	162+30	-	187+37	LT	10	166	CURB & GUTTER - B-41-0166
0010	188+81	-	195+70	CL	11	17	CL FILL, B-41-0166 - B-41-0167
0010	189+69	-	194+88	LT	2	34	B-41-0166 - B-41-0167
0010	189+71	-	194+82	RT	2	34	B-41-0166 - B-41-0167
0010	196+11	-	581+65	CL	600	960	CL FILL, B-41-0167 - B-41-0005
0010	197+58		227+49	RT	12	198	B-41-0167 - FEDERAL AVE
0010	228+22		285+47	RT	22	381	FEDERAL AVE - FEATHER AVE
0010	198+94	-	235+21	LT	14	242	FARMLAND AVE - CONCRETE PE
0010	235+57	-	287+78	LT	20	346	CONCRETE PE - FANTAIL AVE
0010	287+43	-	315+96	RT	11	188	FEATHER AVE - GUARD RAIL
0010	288+87	-	345+00	LT	22	373	FANTAIL AVE - GUARD RAIL
0010	329+03	-	339+97	RT	4	73	GUARD RAIL - GUARD RAIL
0010	346+58	-	388+69	RT	16	279	GUARD RAIL - EASTVIEW AVE
0010	354+44	-	384+17	LT	12	198	PE - EAGLE AVE
0010	385+97	-	396+45	LT	4	70	EAGLE AVE - GUARD RAIL
0010	390+01	-	396+47	RT	3	43	EASTVIEW AVE - GUARD RAIL
0010	398+56	-	424+46	LT	10	171	GUARD RAIL - GUARD RAIL
0010	399+06	-	425+01	RT	10	172	GUARD RAIL - GUARD RAIL
0010	426+55	-	499+31	RT	28	483	GUARD RAIL - DAYTON AVE
0010	427+54	-	446+68	LT	7	127	GUARD RAIL - DALLAS AVE
0010	448+52	-	485+31	LT	14	244	DALLAS AVE - STH 71
0010	489+21	-	499+26	LT	4	67	STH 71 - CARDINAL RD
0010	500+50	-	512+49	LT	5	80	DAYTON AVE - GUARD RAIL
0010	500+70	-	513+48	RT	5	84	CARDINAL RD - GUARD RAIL
0010	518+56	-	565+04	RT	18	309	GUARD RAIL - CASTLE AVE
0010	518+58	-	564+19	LT	18	303	GUARD RAIL - CARRIAGE AVE
0010	565+68	-	580+35	LT	6	97	CARRIAGE AVE - GUARD RAIL
0010	566+18	-	580+07	RT	5	92	CASTLE AVE - GUARD RAIL
				TABLE TOTAL	1,285	7,605	

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	465.0105 ASPHALTIC SURFACE TON	REMARKS
0010	616+51	-	881+89	CL	413	661	CL FILL, B-41-0397 - COUNTY LINE
0010	620+51	-	632+82	LT	5	81	BASSWOOD RD - GUARD RAIL
0010	623+21	-	628+98	RT	2	39	CTH S - GUARD RAIL
0010	635+00	-	683+47	RT	19	321	GUARD RAIL - GUARD RAIL
0010	637+66	-	683+47	LT	18	305	GUARD RAIL - GUARD RAIL
0010	688+06	-	702+28	RT	6	94	GUARD RAIL - BEAVER AVE
						0	
0010	690+31	-	729+93	LT	15	264	BAYPORT AVE - ACORN AVE
0010	703+22	-	731+06	RT	11	184	BEAVER AVE - ACORN AVE
0010	731+39	-	740+54	LT	4	61	ACORN AVE - GUARD RAIL
0010	732+28	-	738+29	RT	2	40	ACORN AVE - GUARD RAIL
0010	745+53	-	757+99	LT	5	82	GUARD RAIL - GUARD RAIL
0010	750+57	-	762+74	RT	5	82	GUARD RAIL - GUARD RAIL
						0	
0010	767+49	-	771+63	RT	2	28	GUARD RAIL - CTH SS
0010	772+86	-	794+48	LT	8	144	CURB & GUTTER - GUARD RAIL
0010	773+26	-	794+48	RT	8	141	CTH SS - GUARD RAIL
0010	797+01	-	811+66	LT	6	97	GUARD RAIL - AFTON AVE
0010	797+03	-	825+27	RT	11	188	GUARD RAIL - AIREDALE AVE
0010	812+42	-	825+10	LT	5	84	AFTON AVE - AGATE AVE
						0	
0010	825+96	-	852+44	RT	10	176	AIREDALE AVE - ALPHA AVE
0010	825+99	-	865+46	LT	15	262	AGATE AVE - ALMOND AVE
0010	853+48	-	880+90	RT	11	182	ALPHA AVE - GUARD RAIL
0010	866+22	-	880+41	LT	6	94	ALMOND AVE - GUARD RAIL
				TABLE TOTAL	586	3,611	
				PROJECT TOTAL	1,871	11,216	

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CATEGORY	STATION	TO	STATION	LOCATION	465.0475 ASPHALT CENTERLINE RUMBLE STRIPS 2-LANE RURAL LF	REMARKS
0010	88+59	-	100+79	CL	1,220	END GORE - GASLIGHT AVE
0010	104+79	-	126+80	CL	2,201	GASLIGHT AVE - FEDORA RD
0010	130+80	-	143+35	CL	1,255	FEDORA RD - GARNETT AVE
0010	147+35	-	188+05	CL	4,070	GARNETT AVE - B-41-0166
0010	189+06	-	195+45	CL	639	B-41-0166 - B-41-0167 & FARMLAND AVE
0010	200+30	-	225+86	CL	2,556	B-41-0167 & FARMLAND AVE - FEDERAL AVE
0010	229+86	-	284+43	CL	5,457	FEDERAL AVE - FEATHER AVE & FANTAIL AVE
0010	290+40	-	382+91	CL	9,251	FEATHER AVE & FANTAIL AVE - EAGLE AVE
0010	386+91	-	387+49	CL	58	EAGLE AVE - EASTVIEW AVE
0010	391+49	-	445+62	CL	5,413	EASTVIEW AVE - DALLAS AVE
0010	449+62	-	484+66	CL	3,504	DALLAS AVE - STH 71
0010	488+66	-	497+91	CL	925	STH 71 - CARDINAL RD & DAYTON AVE
0010	502+05	-	562+85	CL	6,080	RDINAL RD & DAYTON AVE - CARRIAGE AVE & CASTLE AVE
0010	567+71	-	581+25	CL	1,354	CARRIAGE AVE & CASTLE AVE - B-41-0005
0010	625+57	-	687+47	CL	6,190	55 MPH SIGN - BAYPORT AVE
0010	691+47	-	700+76	CL	929	BAYPORT AVE - BEAVER AVE
0010	704+76	-	728+49	CL	2,373	BEAVER AVE - ACORN AVE
0010	733+66	-	770+00	CL	3,634	ACORN AVE - CTH SS
0010	774+00	-	810+02	CL	3,602	CTH SS - AFTON AVE
0010	814+02	-	823+47	CL	945	AFTON AVE - AGATE AVE & AIREDALE AVE
0010	827+66	-	851+01	CL	2,335	AGATE AVE & AIREDALE AVE - ALPHA AVE
0010	855+01	-	863+78	CL	877	ALPHA AVE - ALMOND AVE
0010	867+78	-	881+89	CL	1,411	ALMOND AVE - COUNTY LINE
				PROJECT TOTAL	66,279	

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CATEGORY	STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	SPV.0090.01 SPECIAL (01. Fog Seal Shoulder Rumble Strips) LF	REMARKS
0010	86+30	-	91+24	LT	494		55 MPH SIGN - PE
0010	86+30	-	91+52	RT	522		55 MPH SIGN - PE
0010	91+97	-	101+44	LT	947		PE - GASLIGHT AVE
0010	92+26	-	114+11	RT	2,185		PE - PE
0010	104+55	-	106+06	LT	151		GASLIGHT AVE - PE
0010	106+70	-	114+55	LT	785		PE - PE
0010	114+86	-	127+25	RT	1,239		PE - FEDORA RD
0010	115+19	-	123+65	LT	846		PE - PE
0010	124+31	-	143+76	LT	1,945	1684	PE - GARNETT AVE
0010	129+85	-	132+11	RT	226	226	FEDORA RD - PE
0010	133+06	-	157+64	RT	2,458	2458	PE - PE
0010	146+79	-	152+50	LT	571	571	GARNETT AVE - PE
0010	153+18	-	160+37	LT	719	719	PE - PE
0010	158+37	-	188+05	RT	2,968	2968	PE - B-41-0166
0010	160+99	-	183+13	LT	2,214	2214	PE - PE
0010	183+86	-	188+05	LT	419	419	PE - B-41-0166
0010	189+06	-	195+45	LT	639	639	B-41-0166 - B-41-0167
0010	189+06	-	190+84	RT	178	178	B -41-0166 - PE
0010	191+74	-	193+32	RT	158	158	PE - PE
0010	193+98	-	195+45	RT	147	147	PE - B-41-0167
0010	196+36	-	197+22	LT	86	86	B-41-0167 - FARMLAND AVE
0010	196+36	-	208+67	RT	1,231	1231	B-41-0167 - PE
0010	199+79	-	223+16	LT	2,337	2337	FARMLAND AVE - PE
0010	209+41	-	210+03	RT	62	62	PE - PE
0010	210+76	-	212+09	RT	133	133	PE - PE
0010	212+87	-	226+72	RT	1,385	1385	PE - FEDERAL AVE
0010	223+87	-	235+10	LT	1,123	1123	PE - PAIR OF PE'S
0010	228+50	-	259+45	RT	3,095	3095	FEDERAL AVE - PE
0010	236+86	-	239+38	LT	252	252	PAIR OF PE'S - PE
0010	240+13	-	241+34	LT	121	121	PE - PE
0010	241+96	-	259+41	LT	1,745	1745	PE - PE
0010	260+07	-	287+04	LT	2,697	2697	PE - FANTAIL AVE & PE
0010	260+17	-	284+68	RT	2,451	2451	PE - FEATHER AVE
0010	288+16	-	325+32	RT	3,716	3716	FEATHER AVE - PE
0010	290+41	-	295+96	LT	555	555	FANTAIL AVE & PE - PE
0010	296+67	-	303+88	LT	721	721	PE - PE
0010	304+50	-	318+71	LT	1,421	1421	PE - PE
0010	319+40	-	328+68	LT	928	928	PE - PE
0010	326+34	-	346+83	RT	2,049	2049	PE - PE
0010	329+42	-	351+21	LT	2,179	2179	PE - PE
0010	347+68	-	353+52	RT	584	584	PE - PE
0010	352+26	-	353+92	LT	166	166	PE - PE
0010	354+39	-	387+76	RT	3,337	3337	PE - EASTVIEW AVE
0010	354+58	-	355+82	LT	124	124	PE - PE
0010	356+50	-	359+43	LT	293	293	PE - PE
0010	360+07	-	372+41	LT	1,234	1234	PE - PE
0010	373+10	-	383+47	LT	1,037	1037	PE - EAGLE AVE
0010	386+50	-	434+75	LT	4,825	4825	EAGLE AVE - PE
0010	390+71	-	414+98	RT	2,427	2427	EASTVIEW AVE - PE
0010	415+68	-	427+25	RT	1,157	1157	PE - PE
0010	427+97	-	435+43	RT	746	746	PE - PE
0010	435+44	-	445+66	LT	1,022	1022	PE - PE & DALLAS AVE
0010	436+08	-	440+91	RT	483	483	PE - PE
0010	441+68	-	443+55	RT	187	187	PE - PE
0010	444+20	-	454+15	RT	995	995	PE - PE
0010	449+52	-	456+46	LT	694	694	PE & DALLAS AVE - PE
0010	454+79	-	483+27	RT	2,848	2848	PE - PE
0010	457+09	-	474+96	LT	1,787	1787	PE - PE
0010	475+58	-	484+60	LT	902	902	PE - STH 71 & PE
0010	483+94	-	488+70	RT	476	476	PE - PE
				TABLE TOTAL	73,422	65,992	

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CATEGORY	STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	SPV.0090.01 SPECIAL (01. Fog Seal Shoulder Rumble Strips) LF	
0010	489+37	-	498+48	RT	911	911	PE - DAYTON AVE & PE
0010	489+65	-	493+93	LT	428	428	STH 71 & PE - PE
0010	494+68	-	498+63	LT	395	395	PE - CARDINAL RD
0010	501+28	-	563+59	LT	6,231	6231	CARDINAL RD - CARRIAGE AVE
0010	501+65	-	528+99	RT	2,734	2734	DAYTON AVE & PE - PE
0010	529+69	-	540+92	RT	1,123	1123	PE - PE
0010	541+66	-	562+80	RT	2,114	2114	PE - PE
0010	563+49	-	564+09	RT	60	60	PE - CASTLE AVE
0010	566+67	-	578+48	RT	1,181	1181	CASTLE AVE - PE
0010	566+69	-	567+99	LT	130	130	CARRIAGE AVE - PE
0010	568+76	-	579+23	LT	1,047	1047	PE - PE
0010	579+13	-	581+25	RT	212	212	PE - 45 MPH SIGN
0010	579+93	-	581+25	LT	132	132	PE - 45 MPH SIGN
0010	625+57	-	628+90	LT	333	333	55 MPH SIGN - PE
0010	625+57	-	627+55	RT	198	198	55 MPH SIGN - PE
0010	628+25	-	638+45	RT	1,020	1020	PE - PE
0010	629+55	-	630+05	LT	50	50	PE - PE
0010	630+89	-	665+95	LT	3,506	3506	PE - PE
0010	639+10	-	677+79	RT	3,869	3869	PE - PE
0010	666+59	-	677+20	LT	1,061	1061	PE - PE
0010	677+83	-	687+52	LT	969	969	PE - BAYPORT AVE
0010	678+44	-	690+26	RT	1,182	1182	PE - PE
0010	690+93	-	696+49	RT	556	556	PE - PE
0010	691+18	-	694+68	LT	350	350	BAYPORT AVE - PE
0010	695+31	-	697+58	LT	227	227	PE - PE
0010	697+18	-	701+28	RT	410	410	PE - BEAVER AVE
0010	698+26	-	702+28	LT	402	402	PE - PE
0010	702+96	-	729+20	LT	2,624	2624	PE - ACORN AVE
0010	703+78	-	719+71	RT	1,593	1593	BEAVER AVE - PE
0010	720+40	-	730+28	RT	988	988	PE - ACORN AVE
0010	732+11	-	783+85	LT	5,174	5174	ACORN AVE - PE
0010	733+20	-	769+50	RT	3,630	3630	ACORN AVE - CTH SS
0010	773+72	-	779+92	RT	620	620	CTH SS - PE
0010	780+56	-	790+44	RT	988	988	PE - PE
0010	784+58	-	804+37	LT	1,979	1979	PE - PE
0010	791+12	-	800+03	RT	891	891	PE - PE
0010	800+76	-	802+53	RT	177	177	PE - PE
0010	803+20	-	824+27	RT	2,107	2107	PE - AIREDALE AVE
0010	805+00	-	811+11	LT	611	611	PE - AFTON AVE
0010	813+42	-	824+54	LT	1,112	1112	AFTON AVE - AGATE AVE
0010	826+48	-	851+50	RT	2,502	2502	AIRDALE AVE - ALPHA AVE
0010	826+99	-	840+29	LT	1,330	1330	AGATE AVE - PE
0010	840+91	-	842+56	LT	165	165	PE - PE
0010	843+31	-	851+01	LT	770	770	PE - PE
0010	851+70	-	864+94	LT	1,324	1324	PE - ALMOND AVE
0010	853+95	-	857+26	RT	331	331	ALPHA AVE - PE
0010	857+91	-	878+14	RT	2,023	2023	PE - PE
0010	867+22	-	881+89	LT	1,467	1467	ALMOND AVE - COUNTY LINE
0010	878+78	-	881+89	RT	311	311	PE - COUNTY LINE
				TABLE TOTAL	63,548	63,548	
				PROJECT TOTAL	136,970	129,540	

3

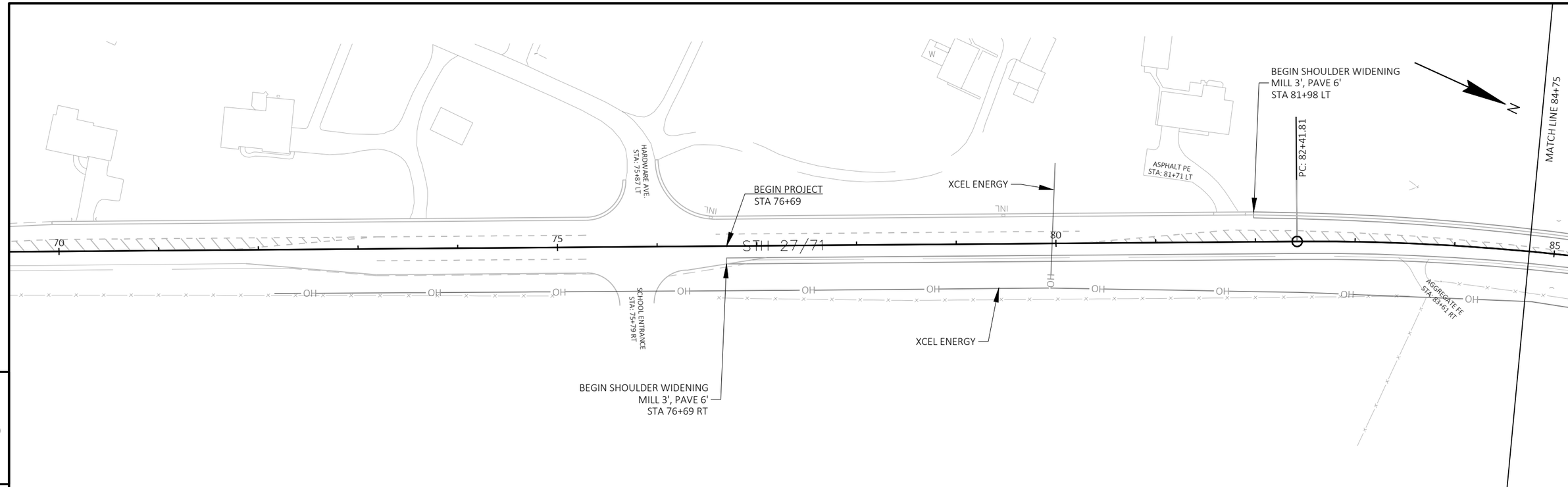
CATEGORY	LOCATION	619.1000 MOBILIZATION EACH	REMARKS
0010	PROJECT	0.75	SPLIT WITH PROJECT ID 5510-00-63
	TOTAL 0010	0.75	

CATEGORY	STATION	LOCATION	643.0300 TRAFFIC CONTROL DRUMS DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	REMARKS
0010	70+00	RT	35	7		PCMS AND 5 DRUMS ON ML SOUTH OF BOP
0010	884+50	LT	35	7		PCMS AND 5 DRUMS ON ML NORTH OF EOP
0010	-	PROJECT			1	
		TOTAL 0010	70	14	1	

3

CATEGORY	STATION	TO	STATION	LOCATION	643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH YELLOW LF	REMARKS
0010	76+69	-	128+03	RT			5,134		SCHOOL ENTRANCE - FEDORA RD
0010	81+98	-	126+92	LT			4,332		END G&G - FEDORA RD
0010	88+34	-	102+60	CL	1,538	1,776		1,776	SB NO PASS, NB SKIPS
0010	102+60	-	112+10	CL	76	238		238	SKIPS
0010	112+10	-	126+36	CL	1,538	1,776		1,776	SB SKIPS, NB NO PASS
0010	126+36	-	182+86	CL	11,300	11,300		11,300	NO PASS
0010	182+86	-	195+00	CL	1,310	1,514		1,514	SB NO PASS, NB SKIPS
0010	195+00	-	197+11	CL	16	50		50	SKIPS
0010	197+11	-	210+84	CL	1,481	1,711		1,711	SB SKIPS, NB NO PASS
0010	210+84	-	364+49	CL	30,730	30,730		30,730	NO PASS
0010	364+49	-	378+74	CL	1,537	1,775		1,775	SB NO PASS, NB SKIPS
0010	378+74	-	403+03	CL	192	600		600	SKIPS
0010	403+03	-	413+59	CL	1,140	1,319		1,319	SB SKIPS, NB NO PASS
0010	413+59	-	416+76	CL	24	75		75	SKIPS
0010	416+76	-	427+32	CL	1,140	1,319		1,319	SB NO PASS, NB SKIPS
0010	427+32	-	438+94	CL	92	288		288	SKIPS
0010	438+94	-	451+61	CL	1,367	1,580		1,580	SB SKIPS, NB NO PASS
0010	451+61	-	452+14	CL	4	13		13	SKIPS
0010	452+14	-	465+34	CL	1,424	1,645		1,645	SB NO PASS, NB SKIPS
0010	465+34	-	469+56	CL	32	100		100	SKIPS
0010	469+56	-	483+29	CL	1,481	1,711		1,711	SB SKIPS, NB NO PASS
0010	483+29	-	513+38	CL	6,018	6,018		6,018	NO PASS
0010	513+38	-	535+03	CL	2,337	2,703		2,703	SB NO PASS, NB SKIPS
0010	535+03	-	547+70	CL	2,534	2,534		2,534	NO PASS
0010	547+70	-	568+30	CL	2,224	2,573		2,573	SB NO PASS, NB SKIPS
0010	568+30	-	569+35	CL	210	210		210	NO PASS
0010	569+35	-	581+30	CL	1,287	1,483		1,483	SB SKIPS, NB NO PASS
0010	616+51	-	629+00	CL	2,498	2,498		2,498	NO PASS
0010	629+00	-	643+27	CL	1,539	1,777		1,777	SB NO PASS, NB SKIPS
0010	643+27	-	658+06	CL	116	363		363	SKIPS
0010	658+06	-	671+78	CL	1,480	1,710		1,710	SB SKIPS, NB NO PASS
0010	671+78	-	768+94	CL	19,432	19,432		19,432	NO PASS
0010	768+94	-	797+10	CL	3,040	3,516		3,516	SB NO PASS, NB SKIPS
0010	797+10	-	838+63	CL	332	1,038		1,038	SKIPS
0010	838+63	-	851+83	CL	1,424	1,645		1,645	SB SKIPS, NB NO PASS
0010	851+83	-	870+84	CL	3,802	3,802		3,802	NO PASS
0010	870+84	-	881+89	CL	1,194	1,381		1,381	SB NO PASS, NB SKIPS
		-		PROJECT TOTAL	105,889	112,196	9,466	112,196	

CATEGORY	STATION	TO	STATION	LOCATION	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 7062-02-73) EACH	REMARKS
0010	76+69	-	188+30		11,161		HARDWARE RD - B-41-0166
0010	188+81	-	195+70		689		B-41-0166 - B-41-0167
0010	196+11	-	581+65		38,554		B-41-0167 - B-41-0005
0010	616+51	-	881+89		26,538		B-41-0397 - COUNTY LINE
0010		-		PROJECT		1	
				TOTAL 0010	76,942	1	



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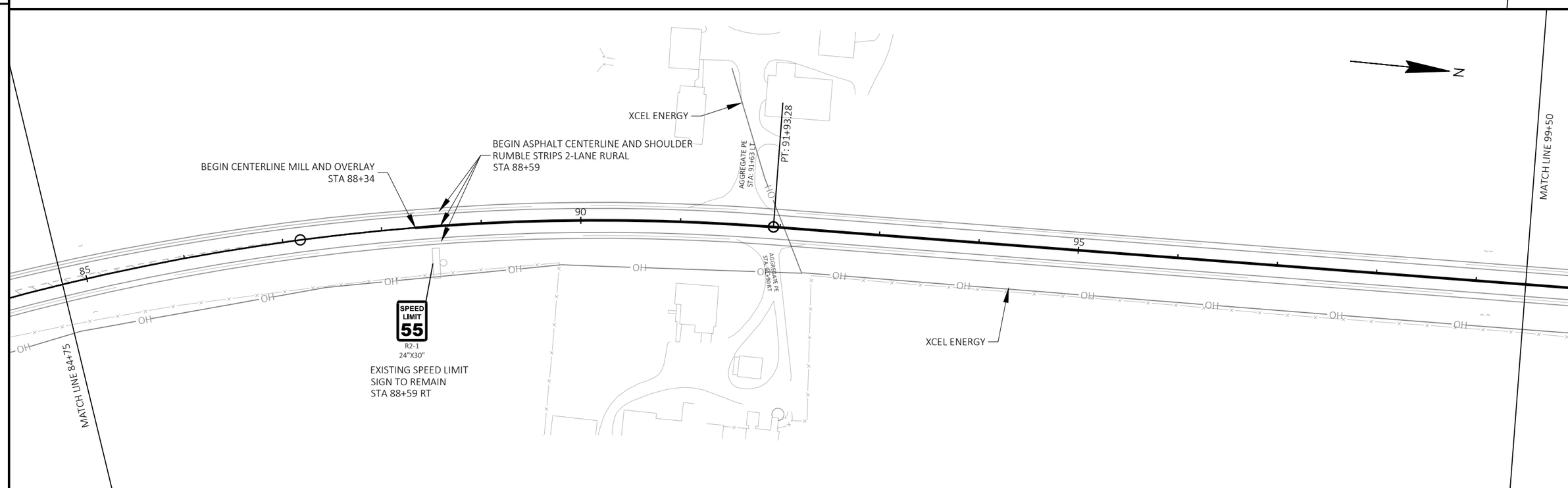
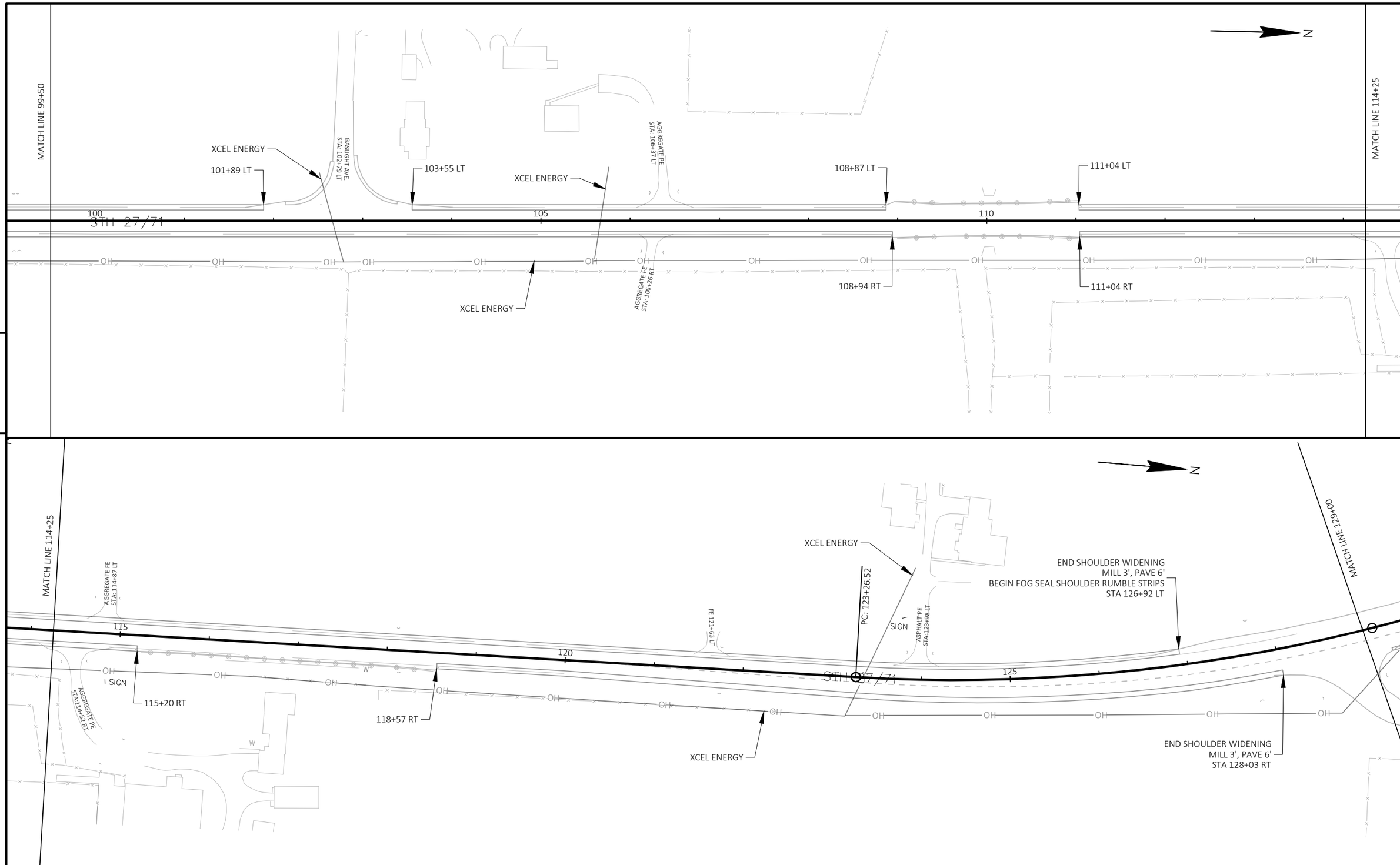
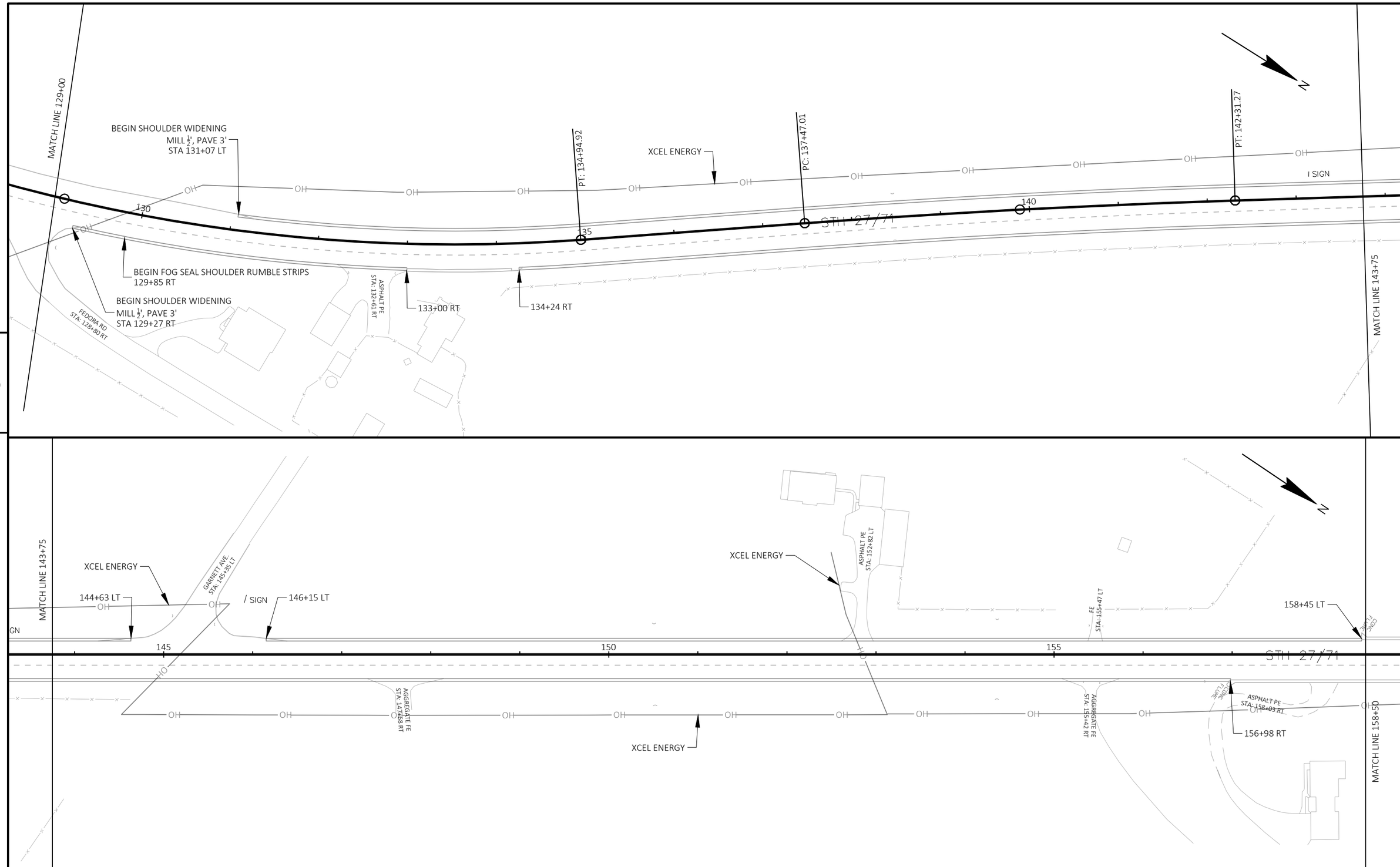


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 14	E



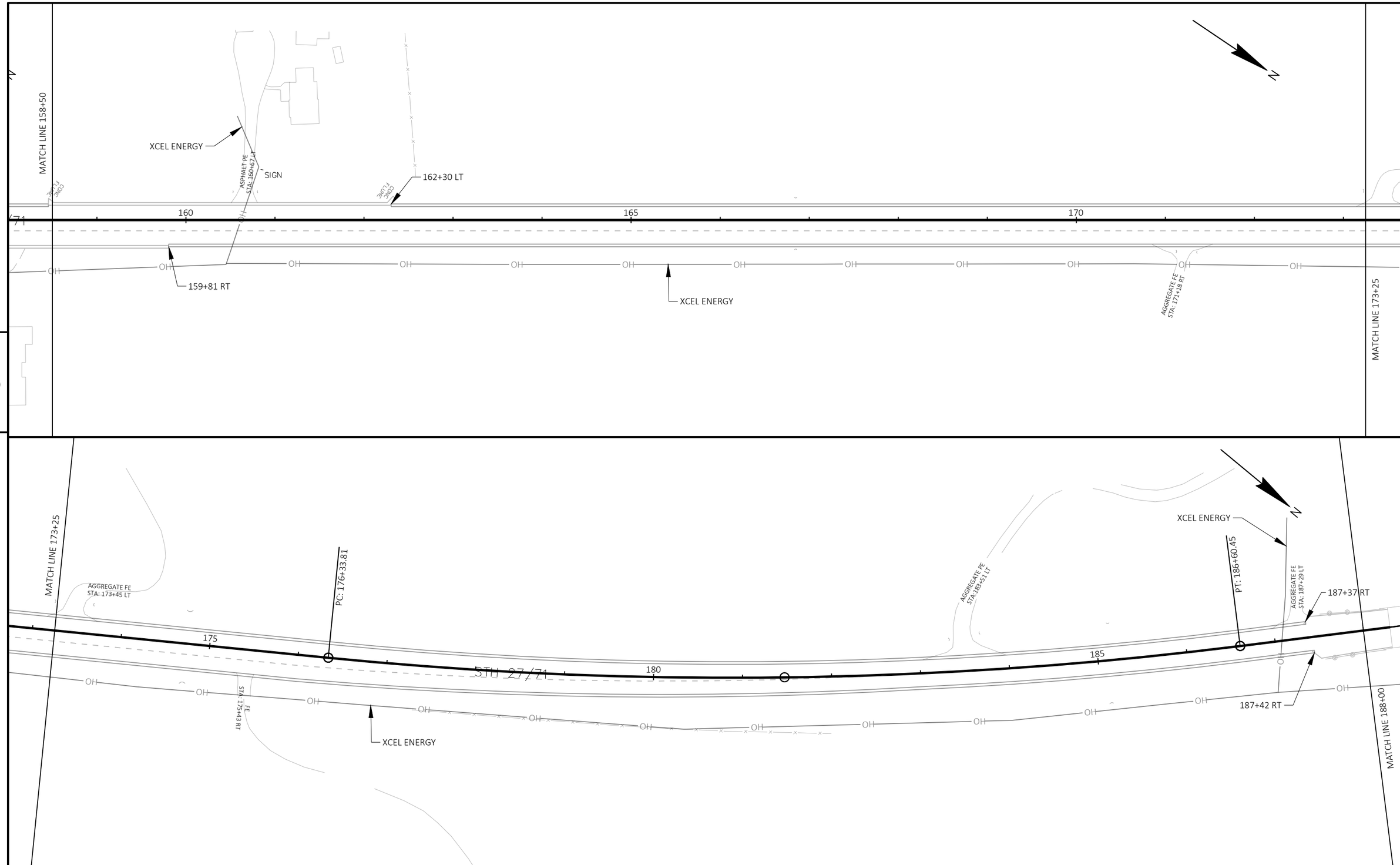
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 15	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 02
PLOT DATE : 4/12/2022 12:36 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



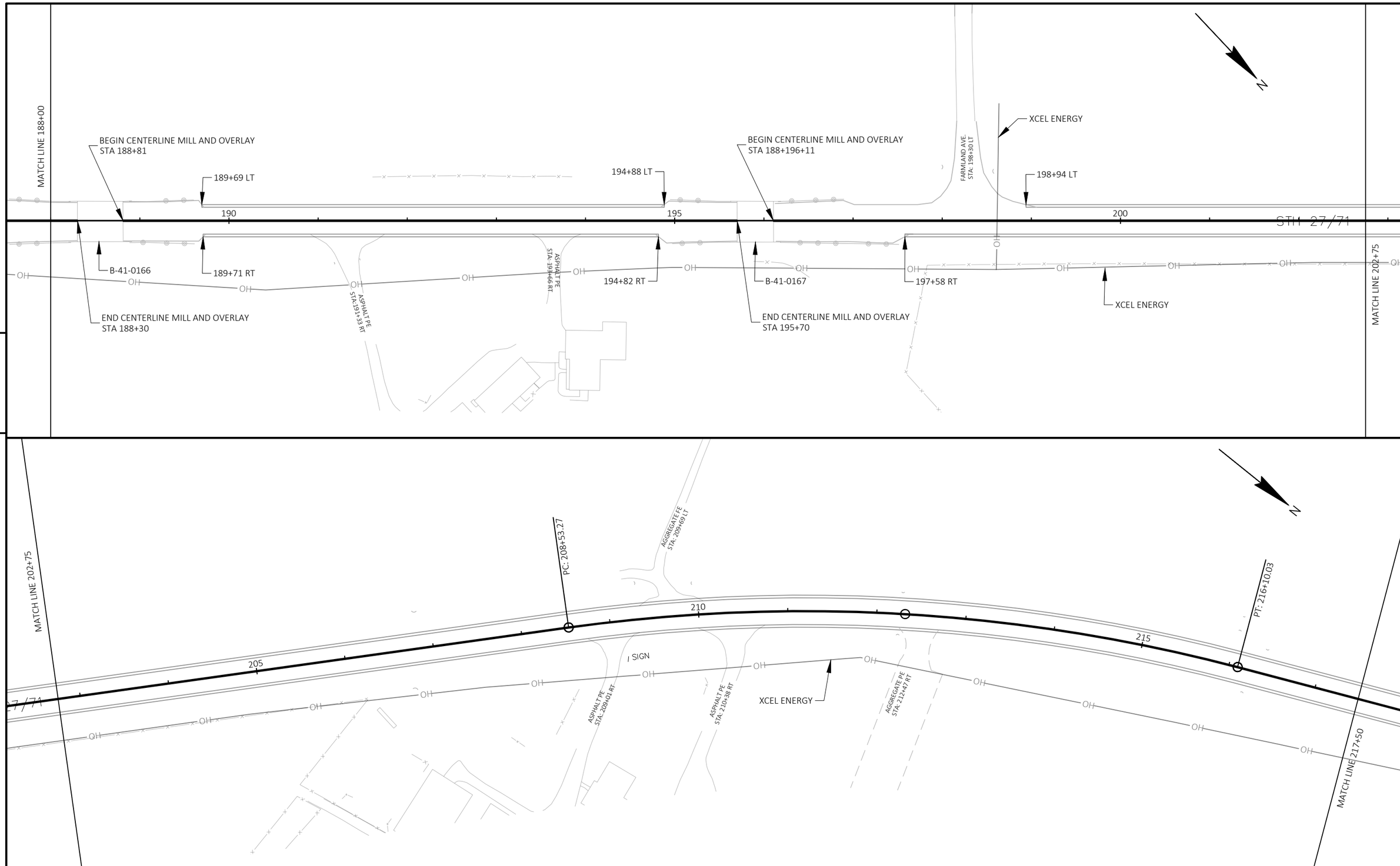
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 16	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 03
PLOT DATE : 4/12/2022 12:36 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



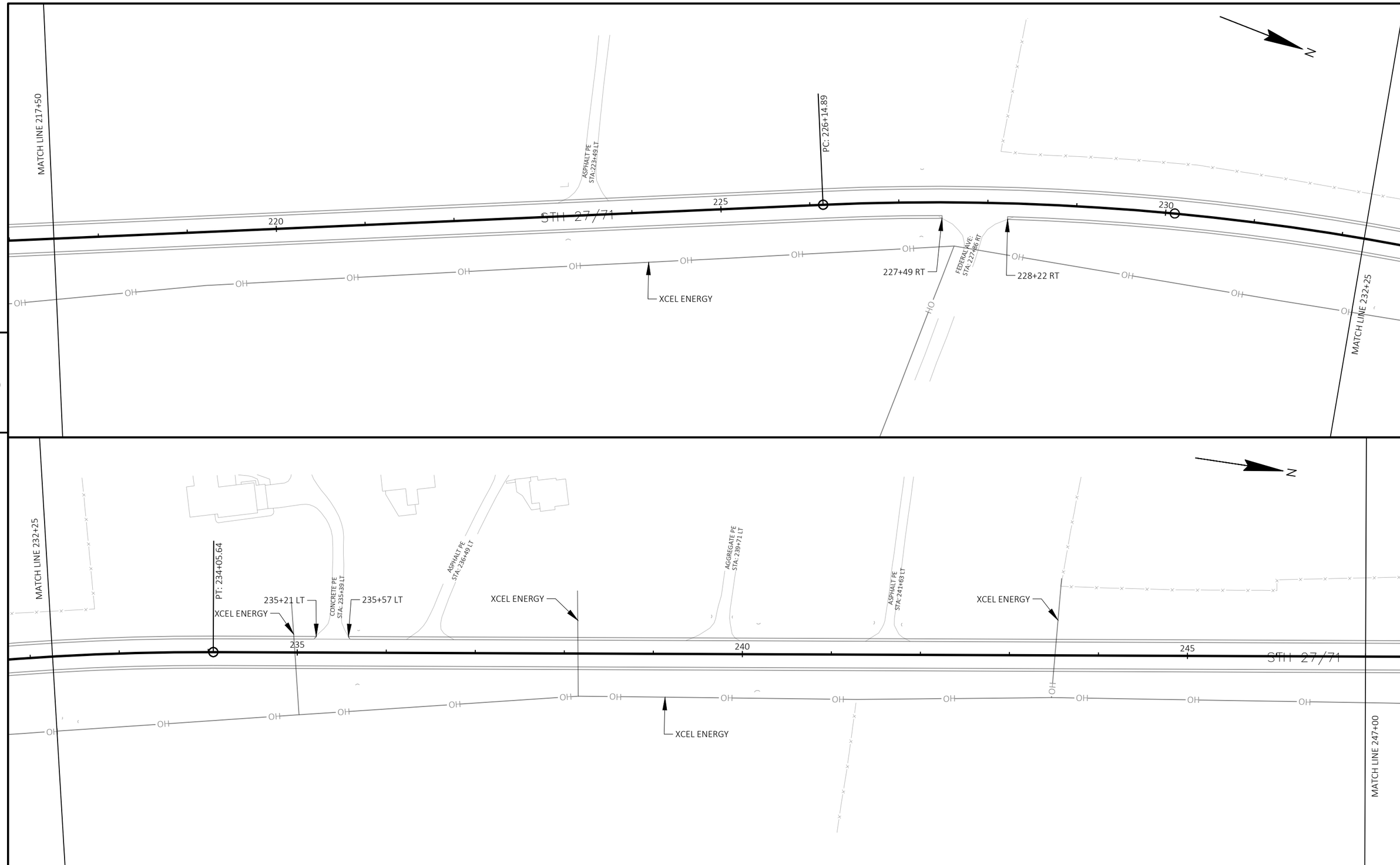
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 17	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 04
PLOT DATE : 4/12/2022 12:37 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



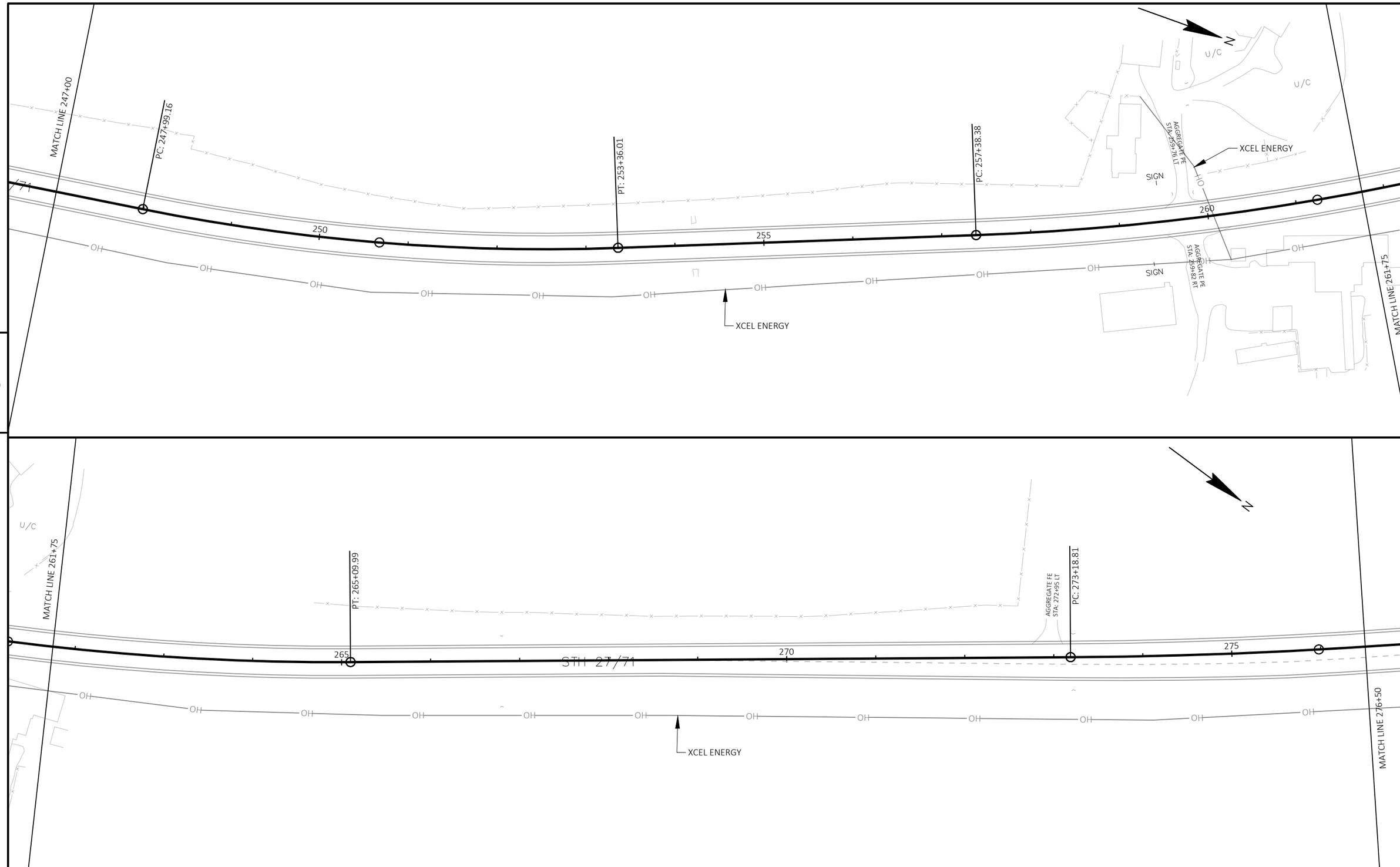
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 18	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 05
PLOT DATE : 4/12/2022 12:37 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 19	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 06
PLOT DATE : 4/12/2022 12:37 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 20	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 07
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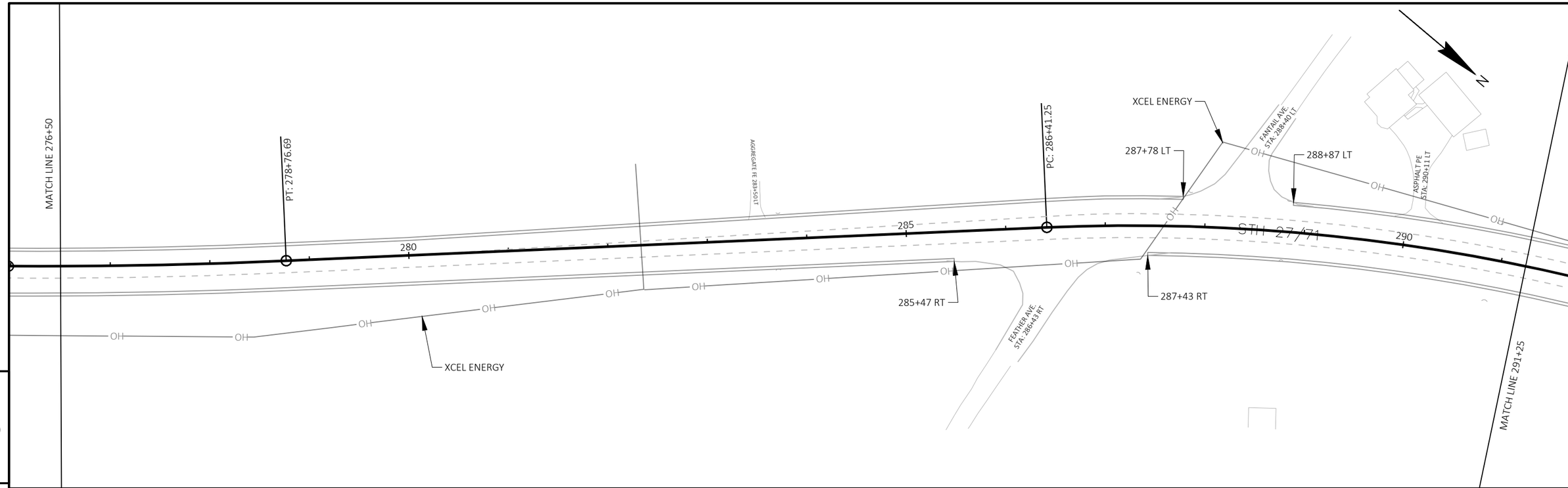
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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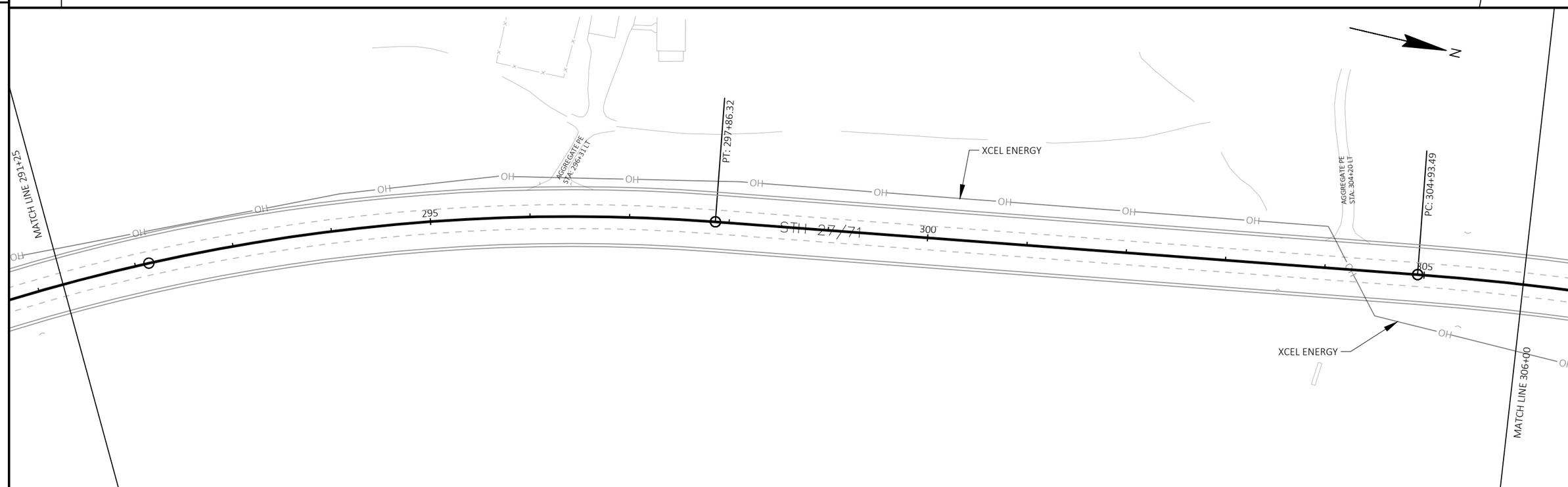
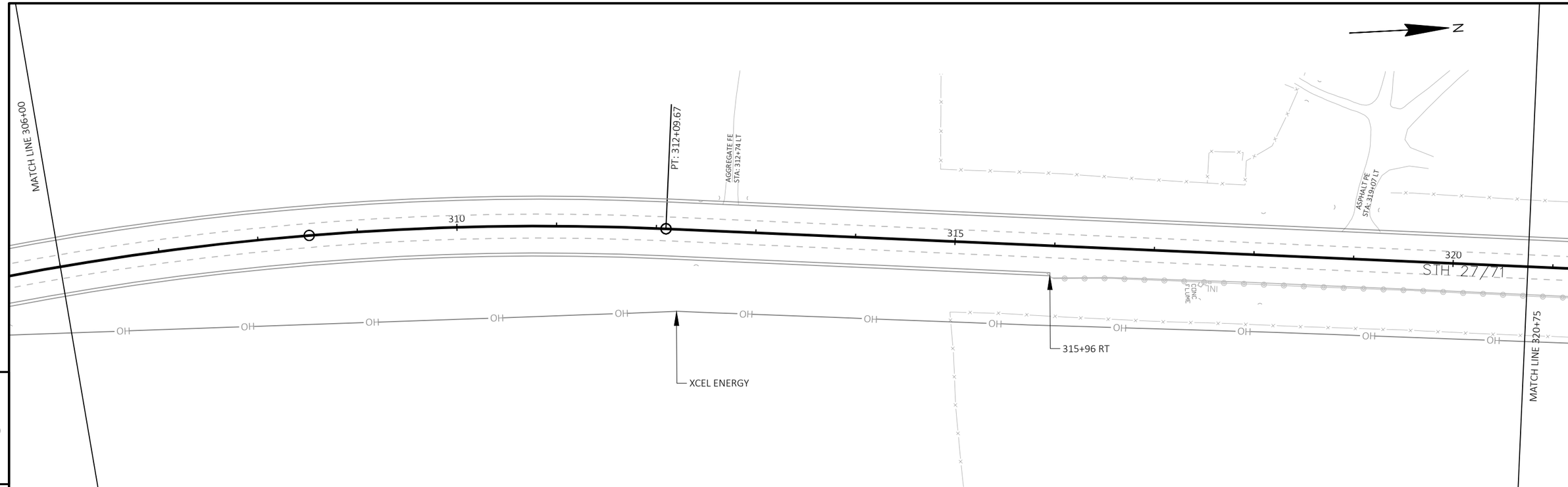


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 21	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 08
PLOT DATE : 4/12/2022 12:38 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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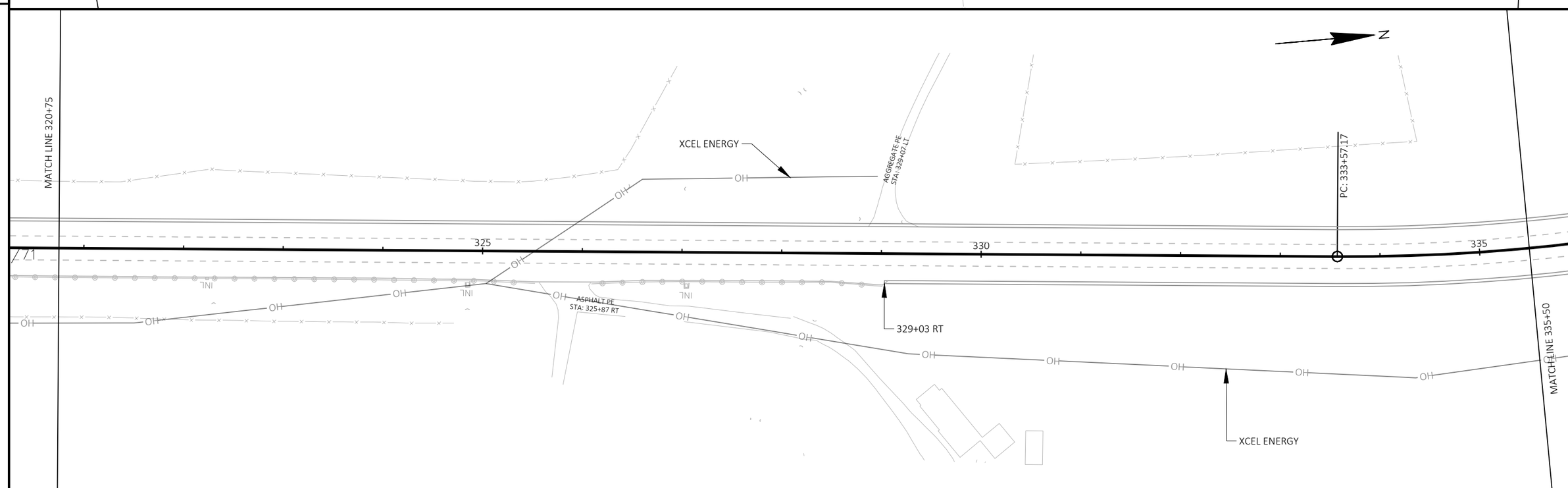
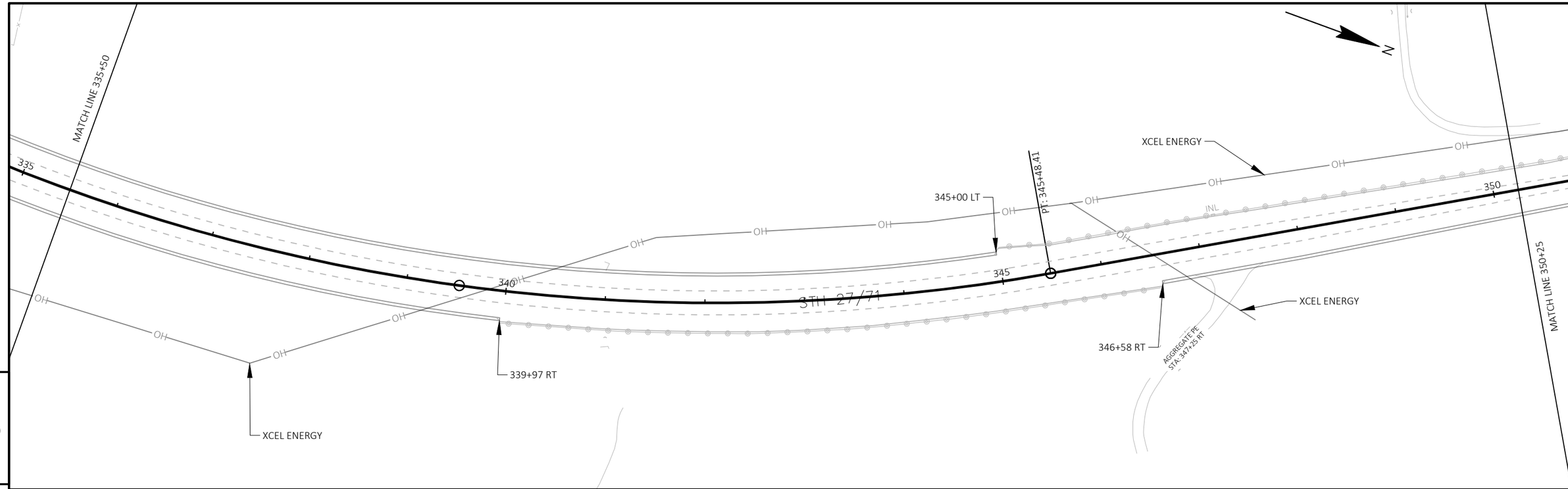


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 22	E



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PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 23	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 10
PLOT DATE : 4/12/2022 12:38 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
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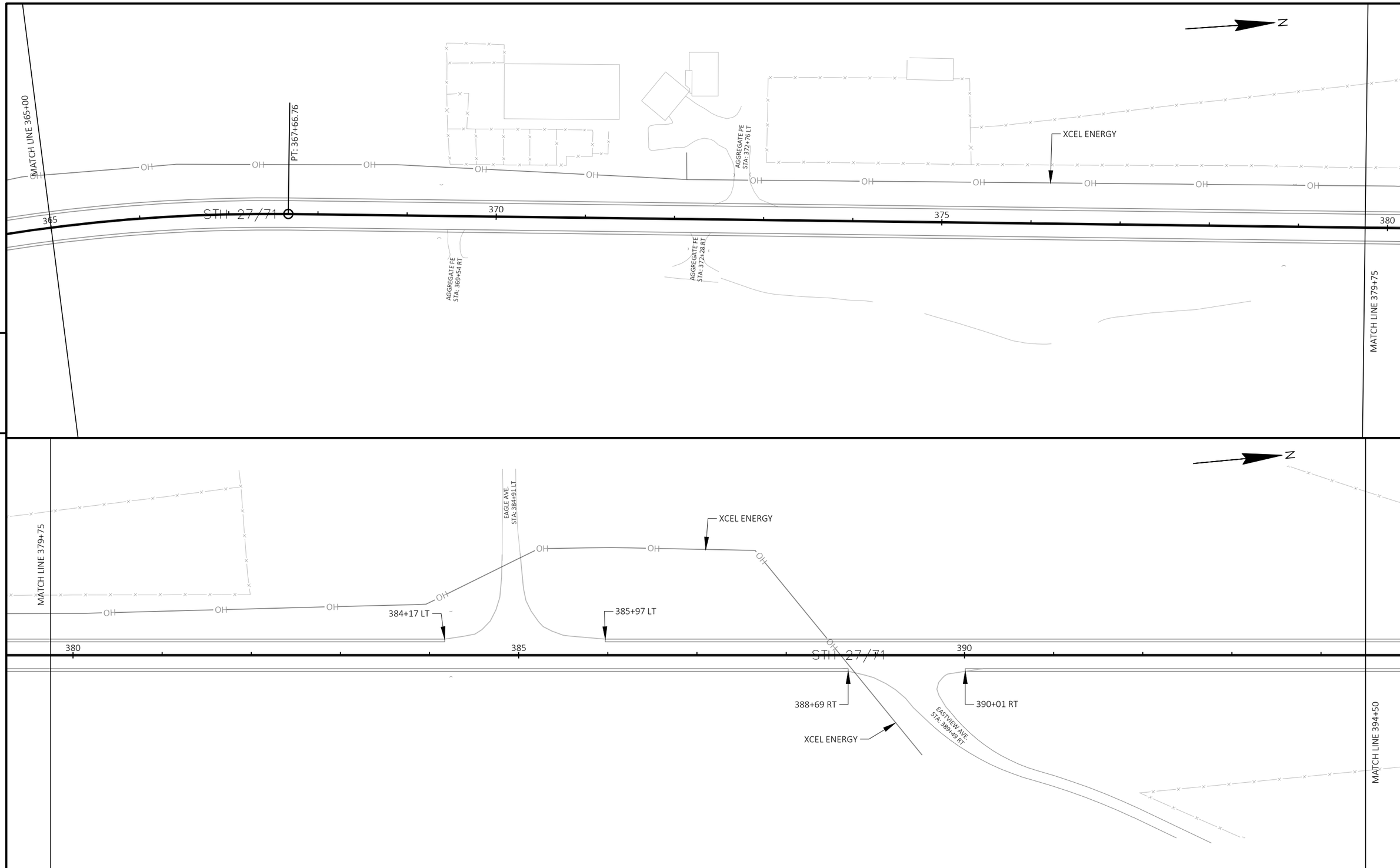
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 24	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 11
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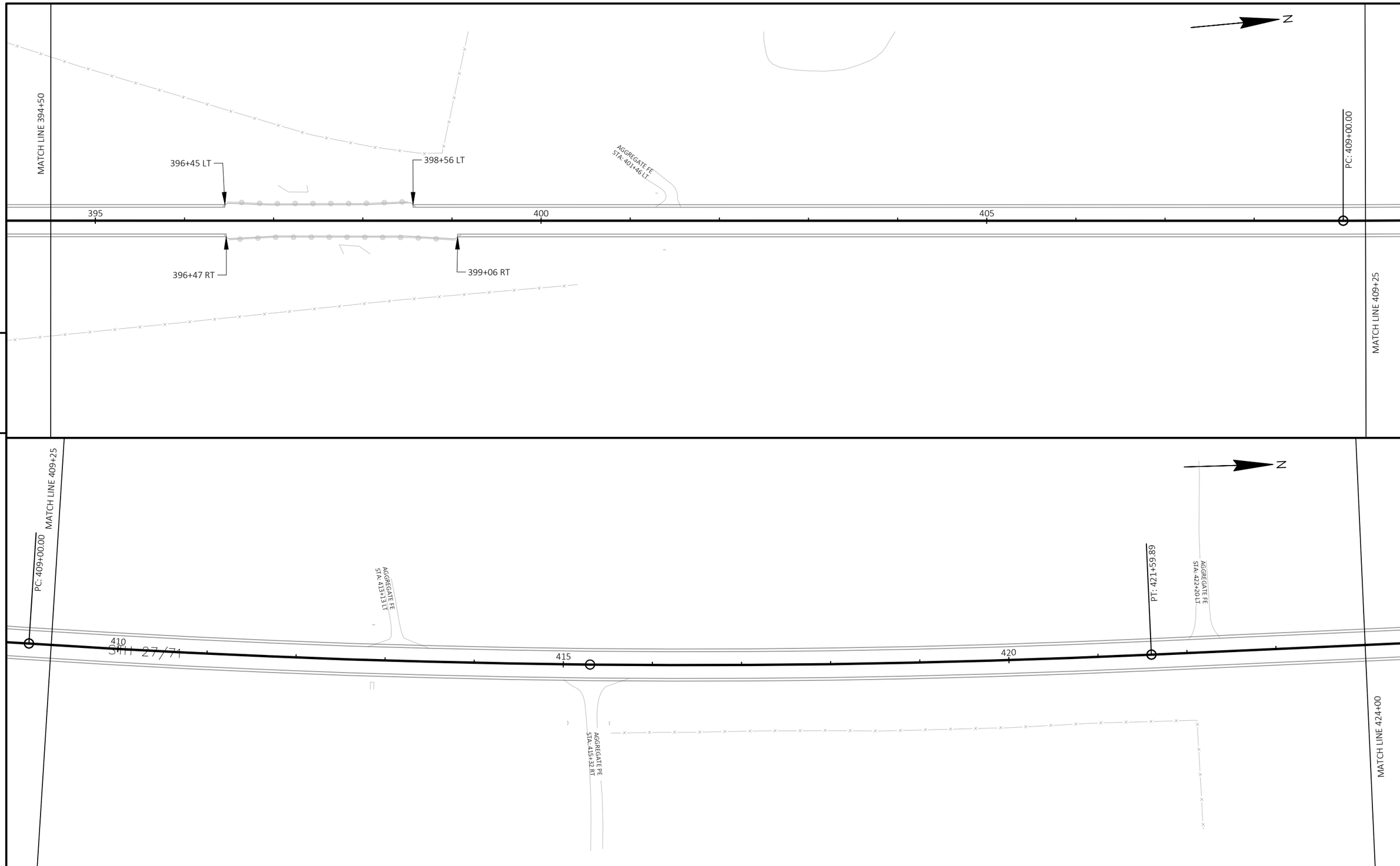
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 25	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 12
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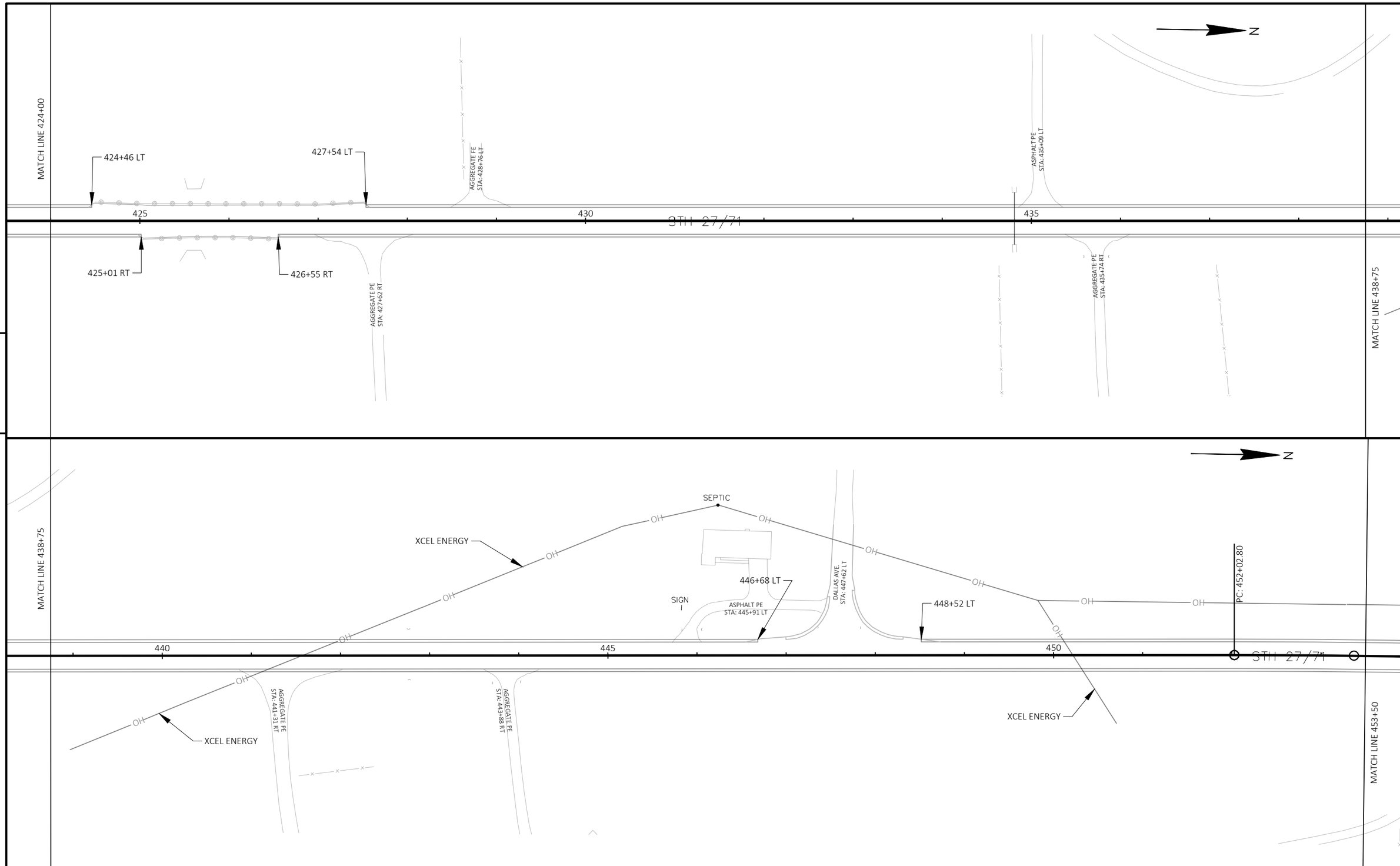
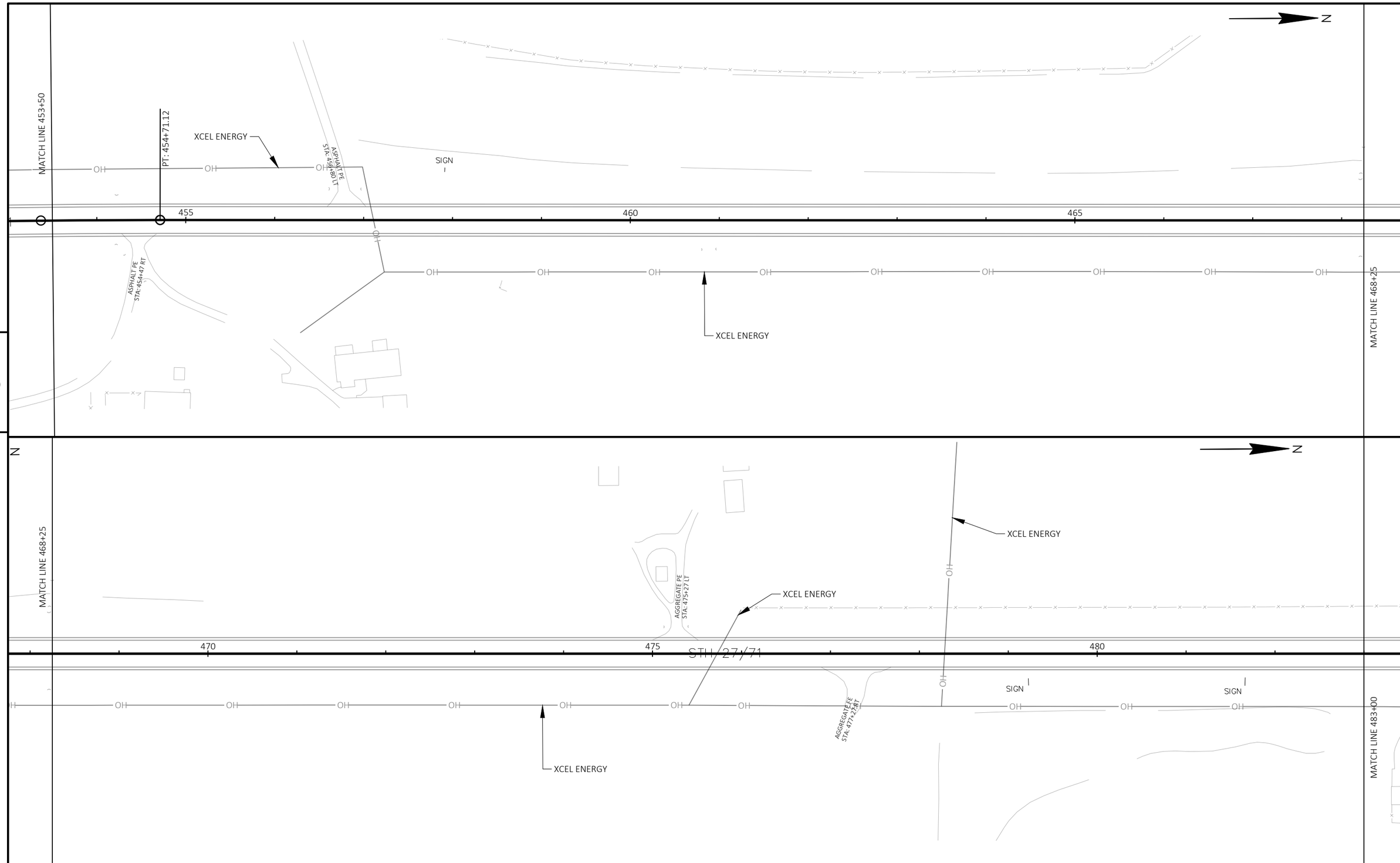
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 26	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 13
PLOT DATE : 4/12/2022 12:39 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 14
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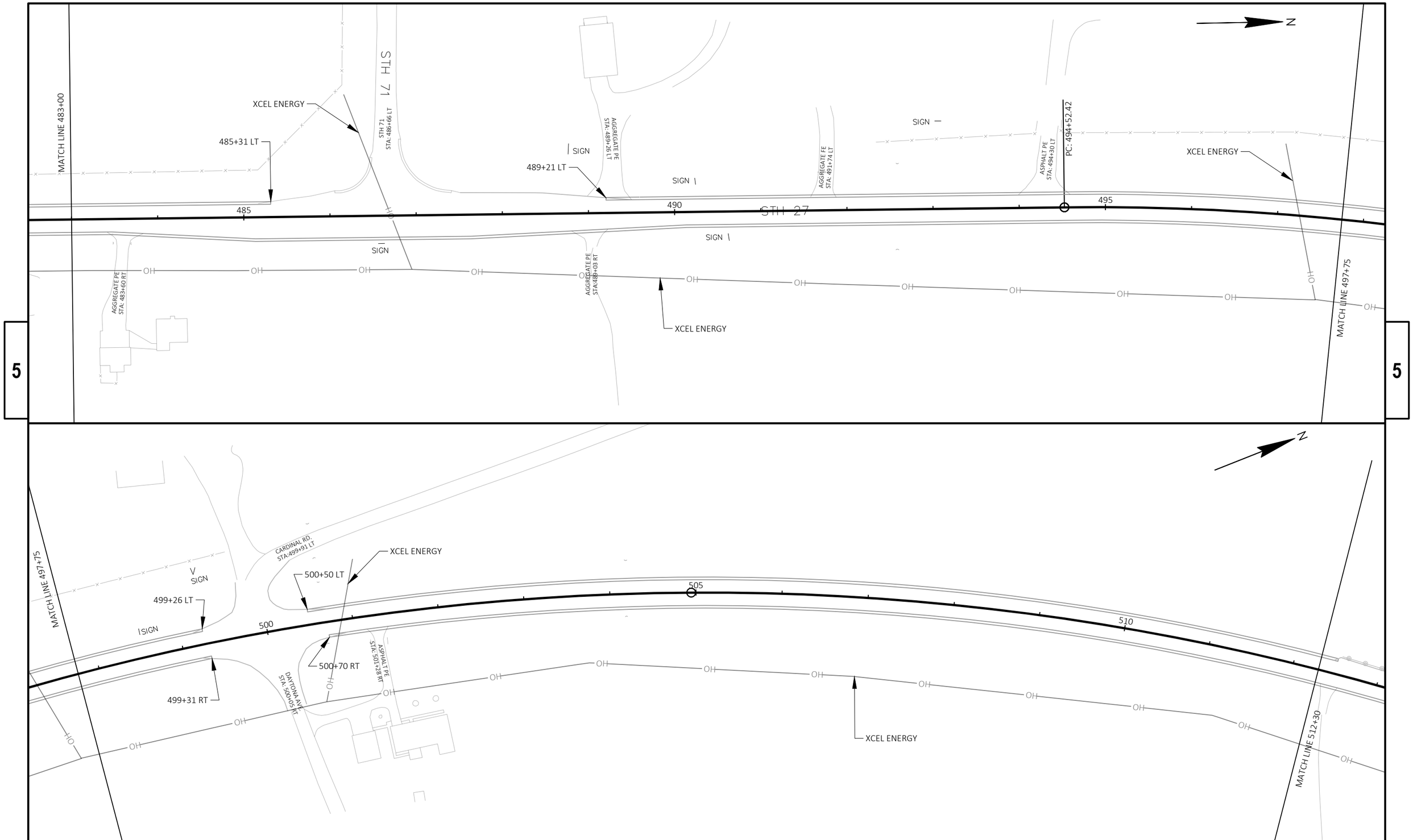
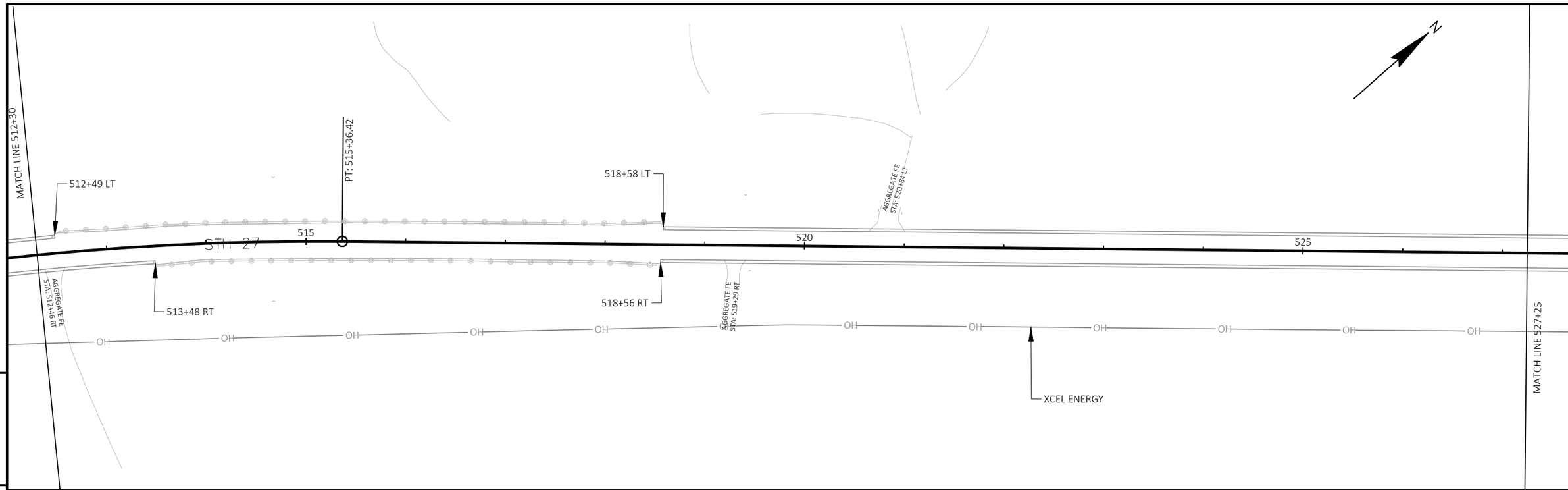
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 28	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 15
PLOT DATE : 4/12/2022 12:40 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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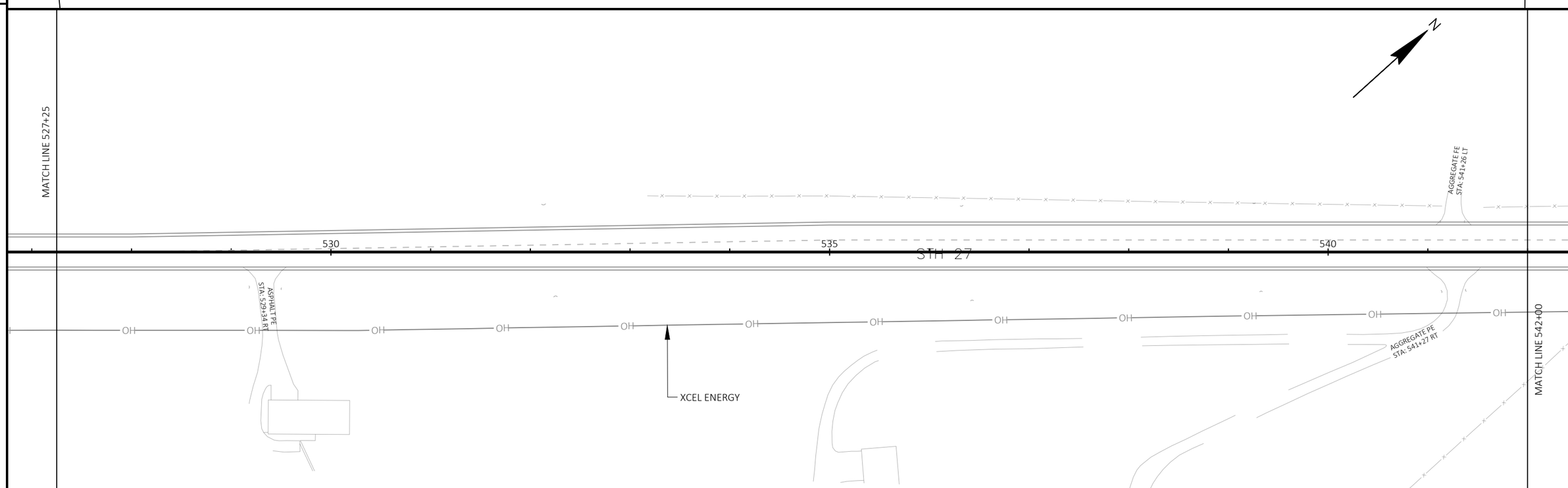
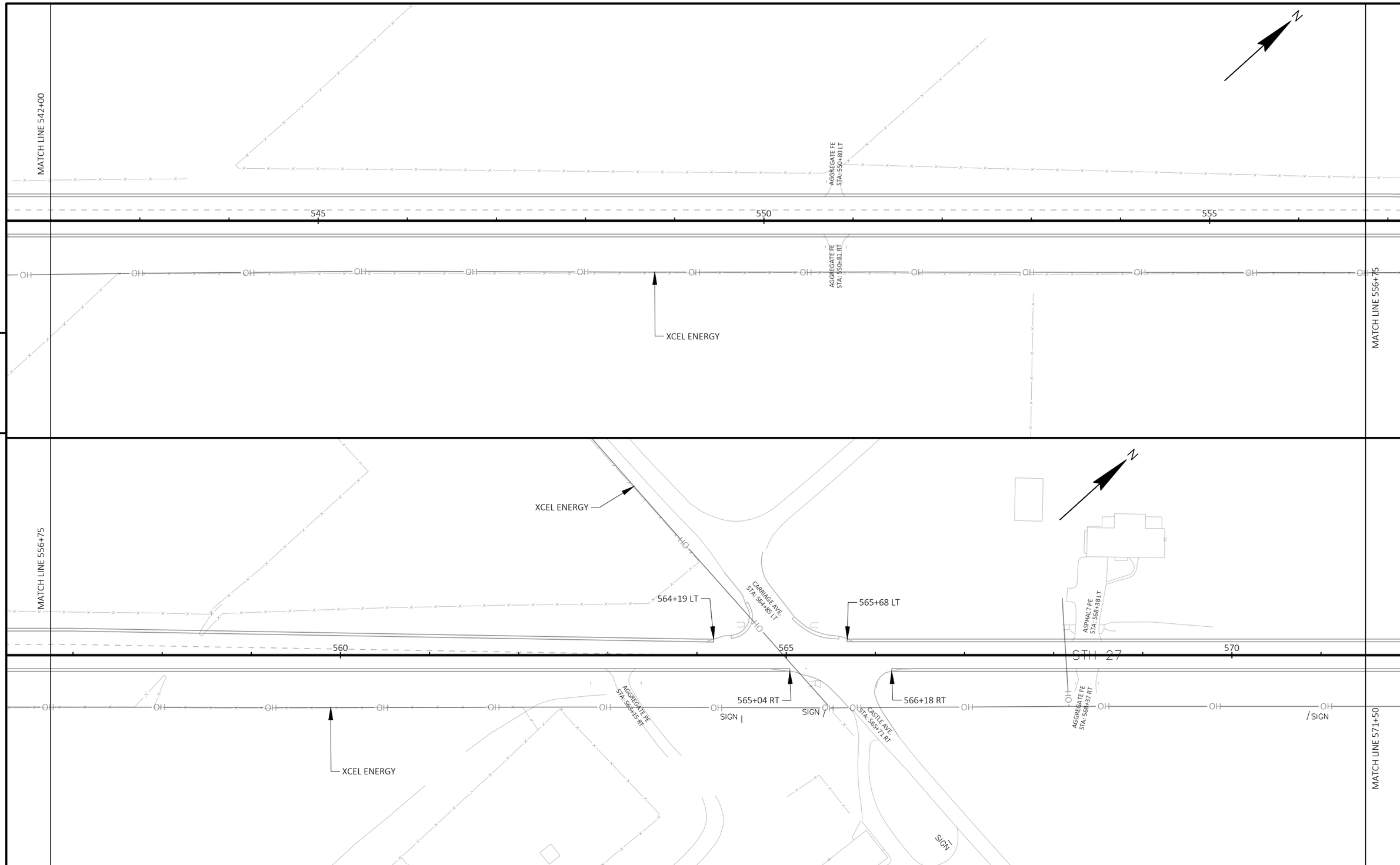


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 29	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 16
PLOT DATE : 4/12/2022 12:40 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 30	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 17
PLOT DATE : 4/12/2022 12:41 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

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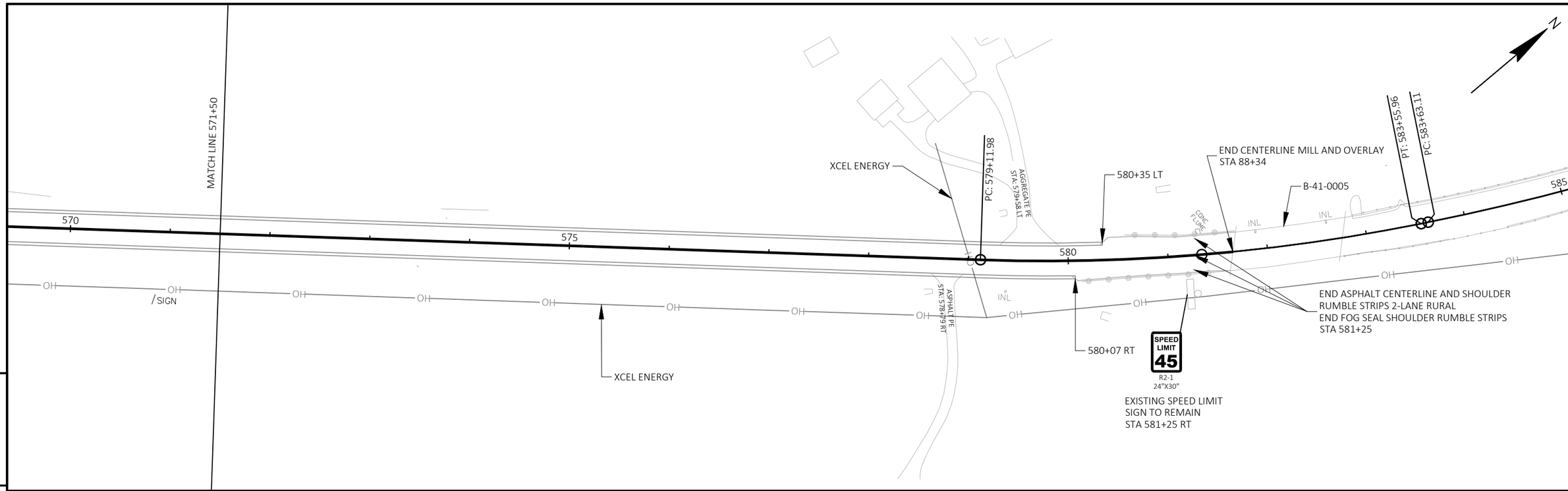

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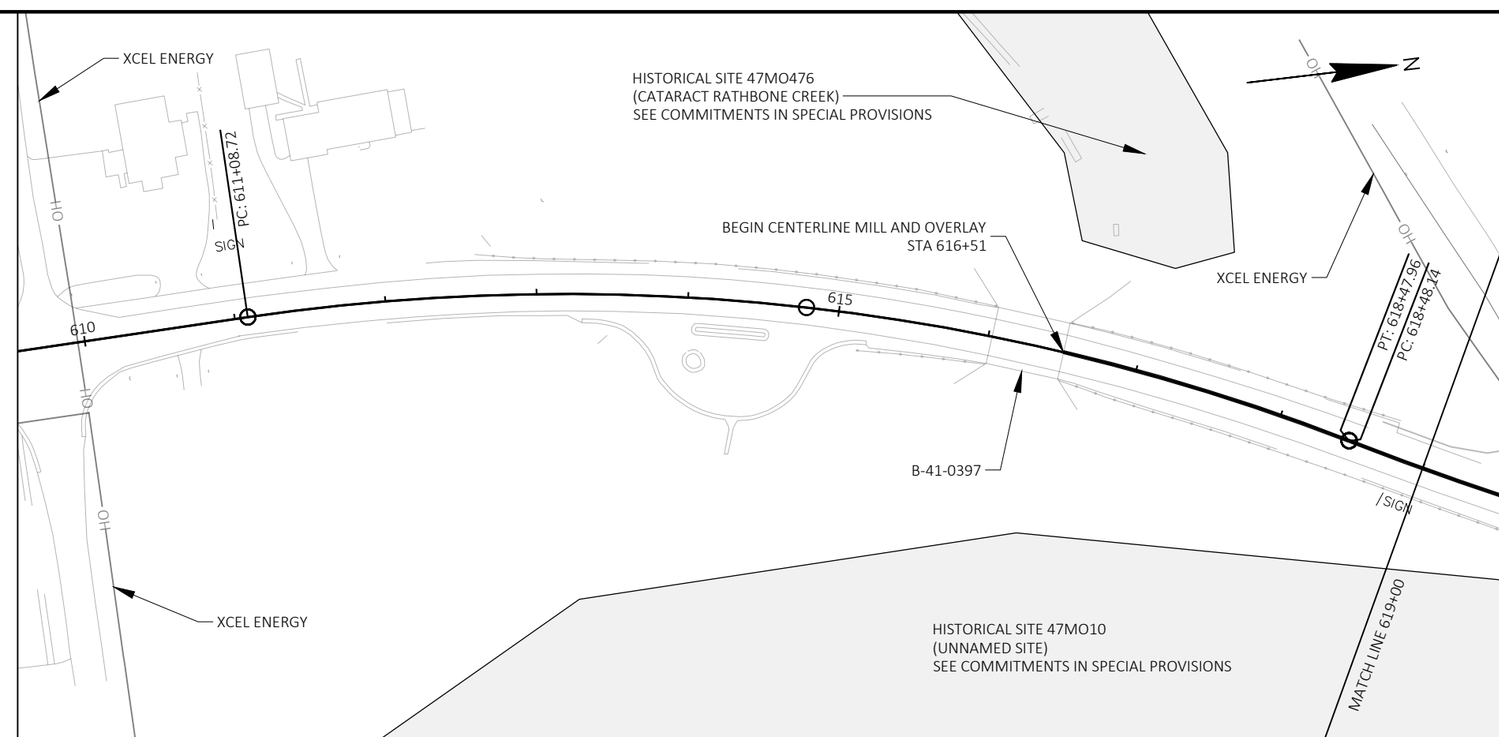
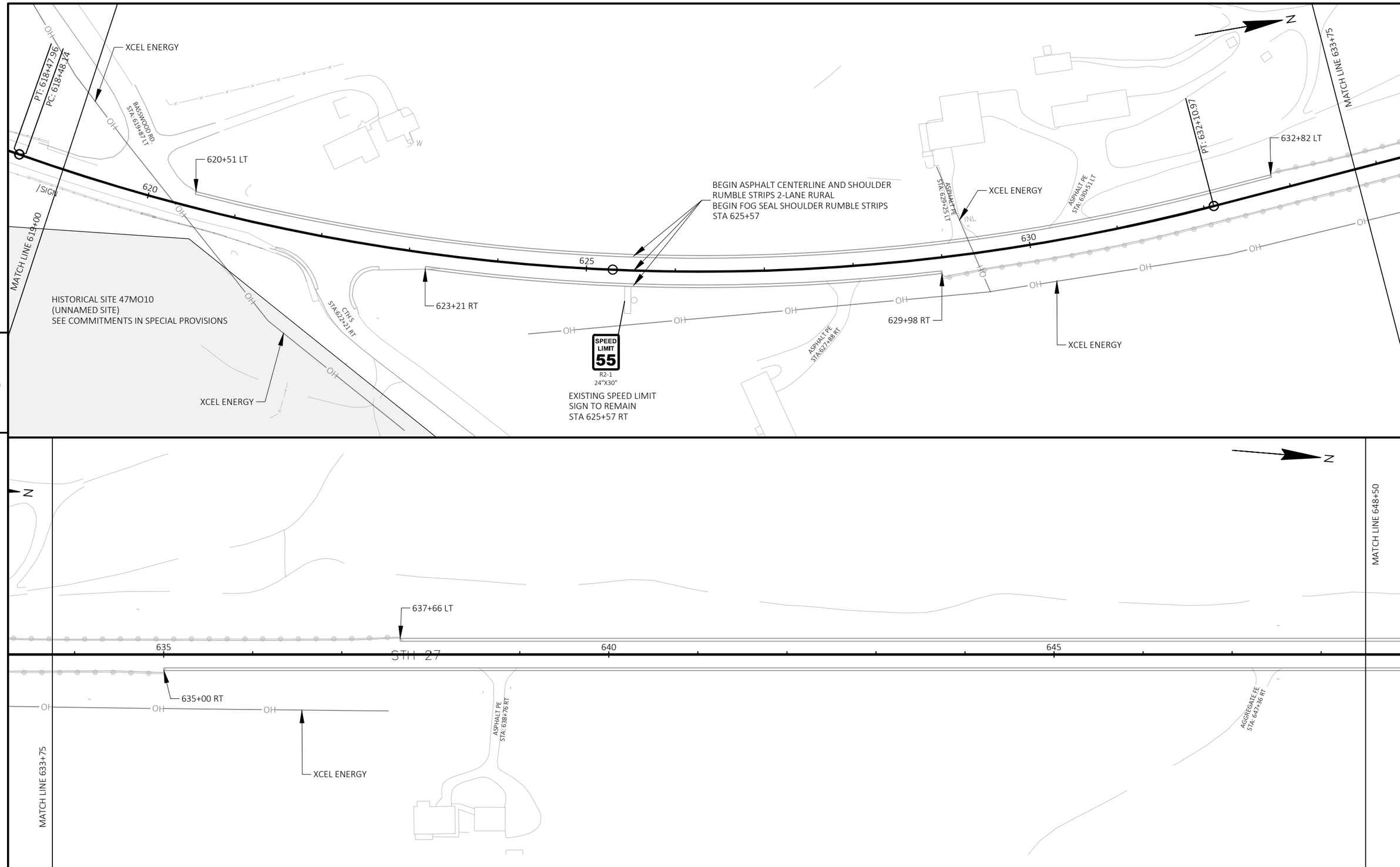
GAP STA 581+65 - 616+51
B-41-0005 - B-41-0397
(COMMUNITY OF CATARACT)

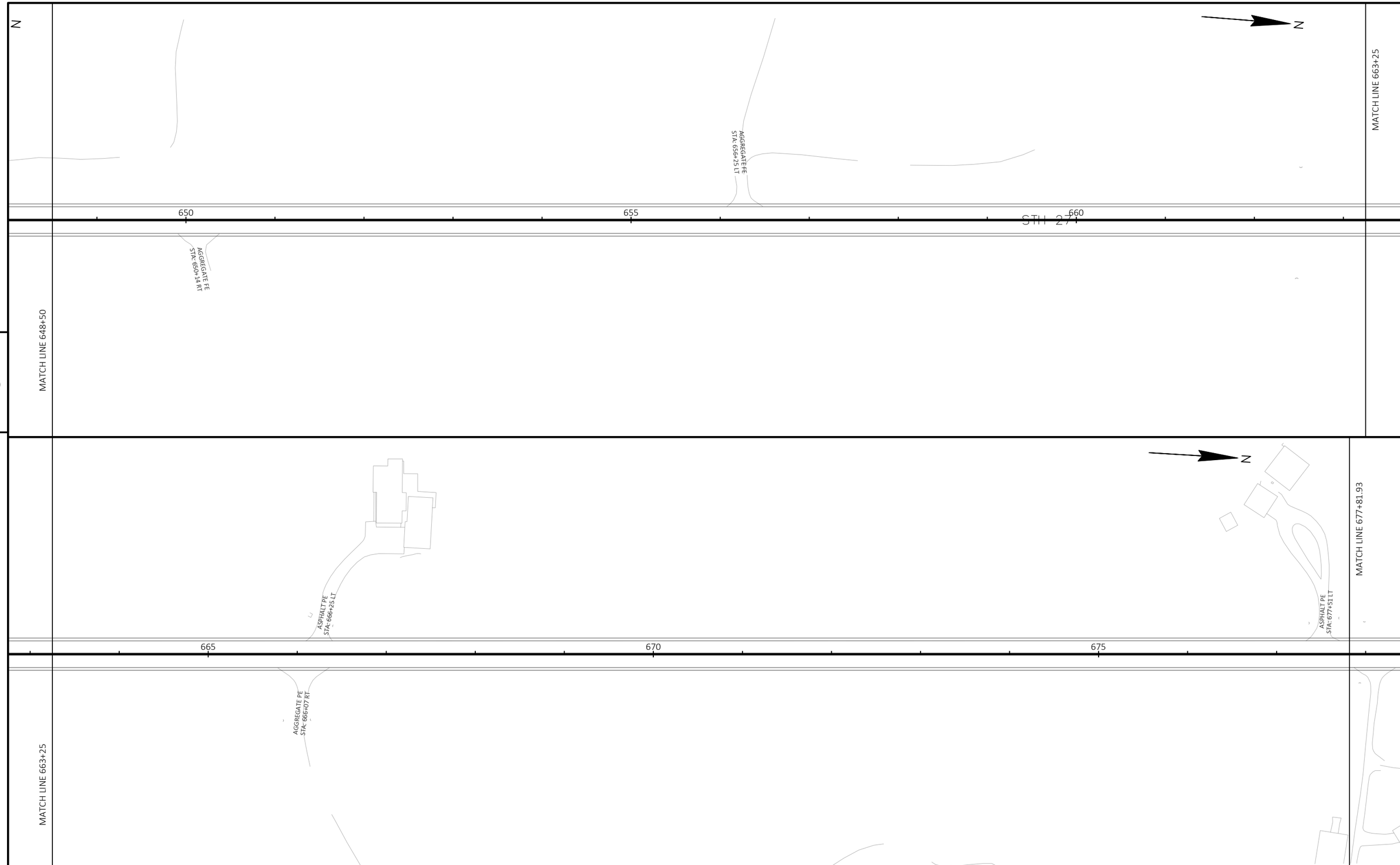


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 31	E



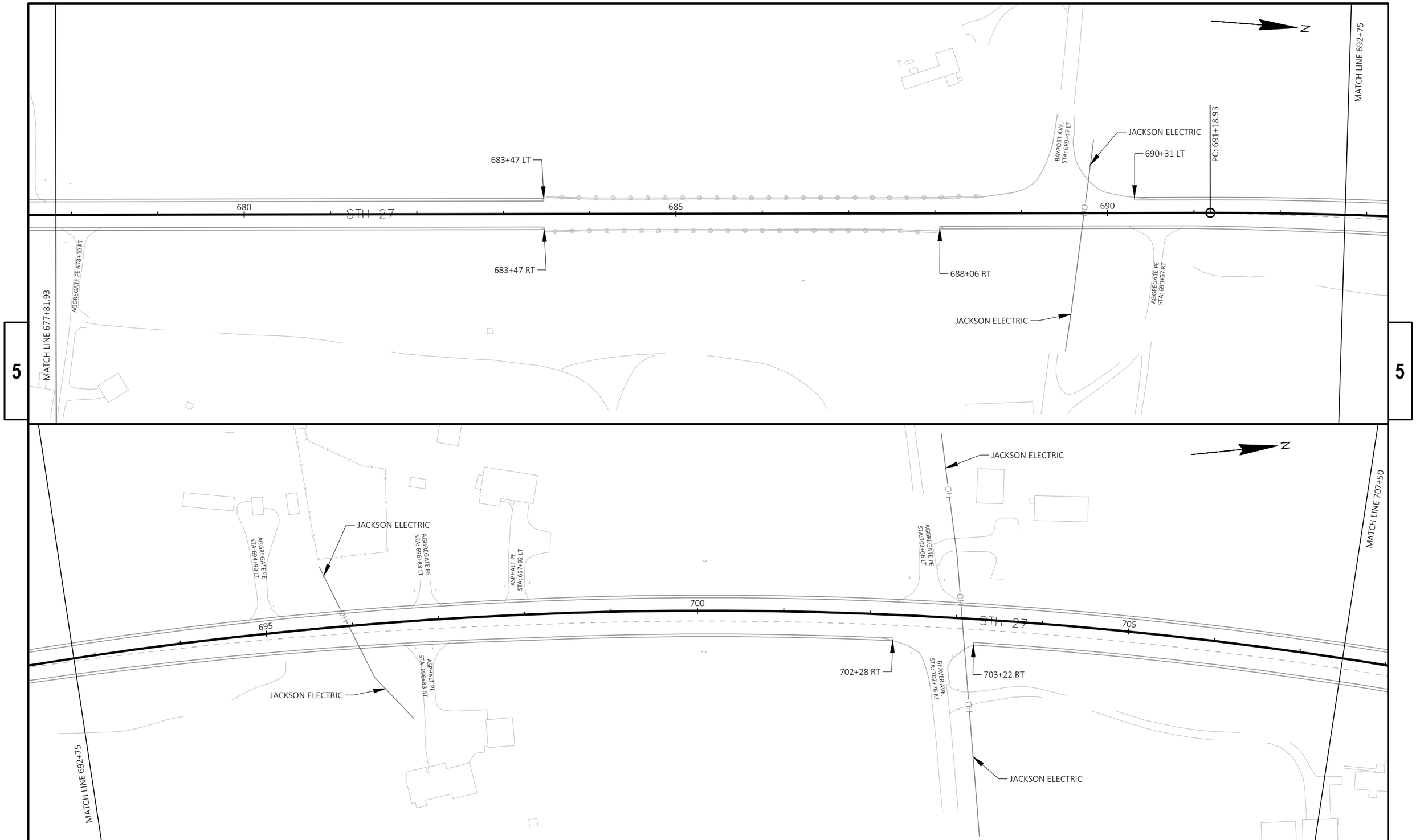
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 32	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 19
PLOT DATE : 4/12/2022 12:41 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 33	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 20
PLOT DATE : 4/12/2022 12:42 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 34	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
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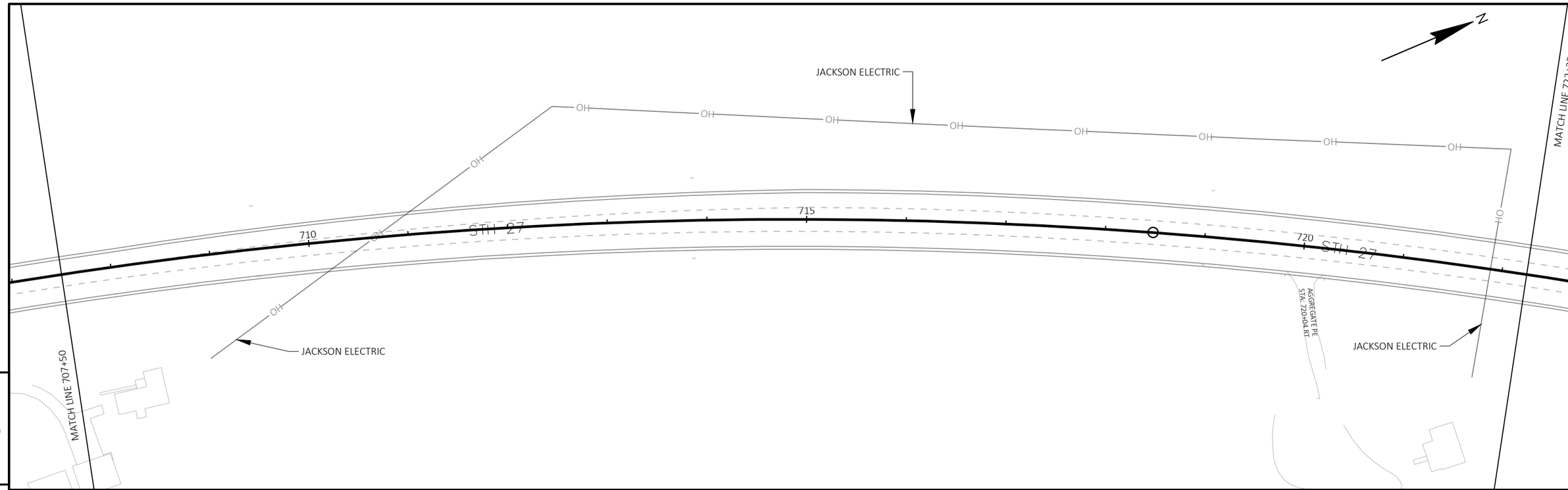
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



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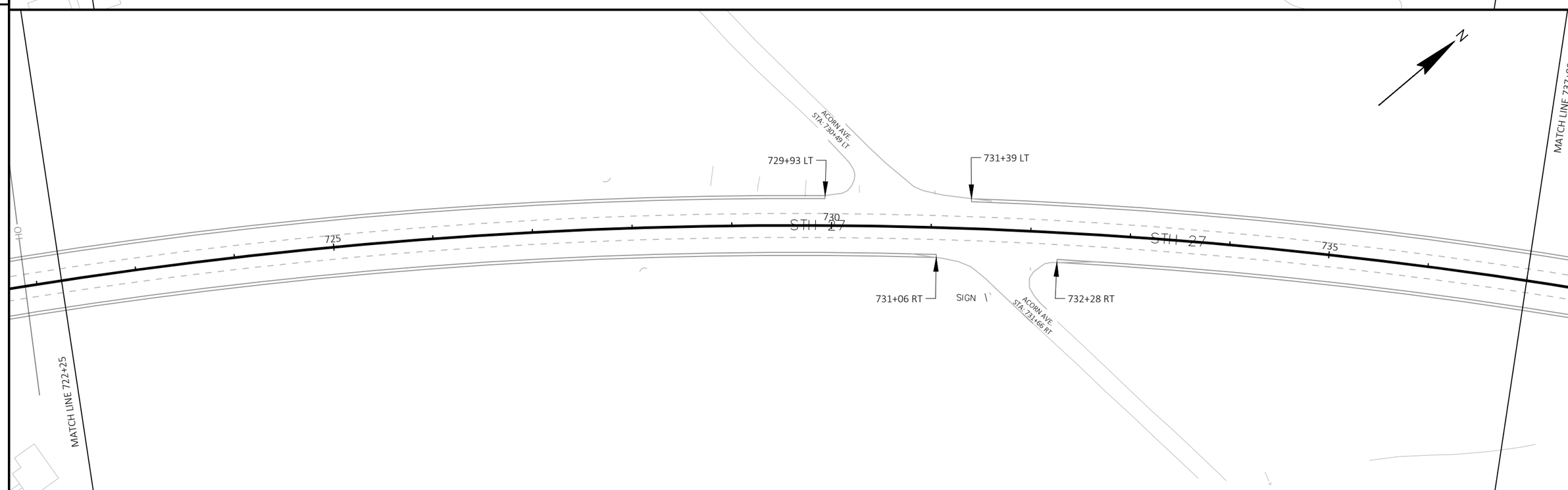
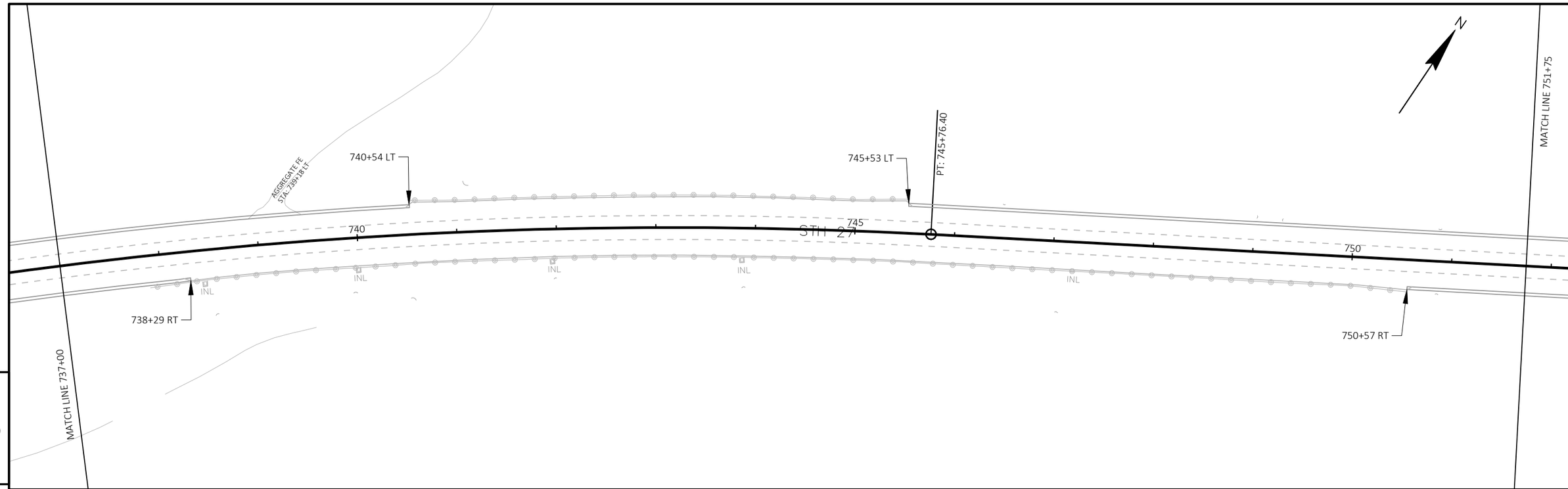


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 35	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 22
PLOT DATE : 4/12/2022 12:42 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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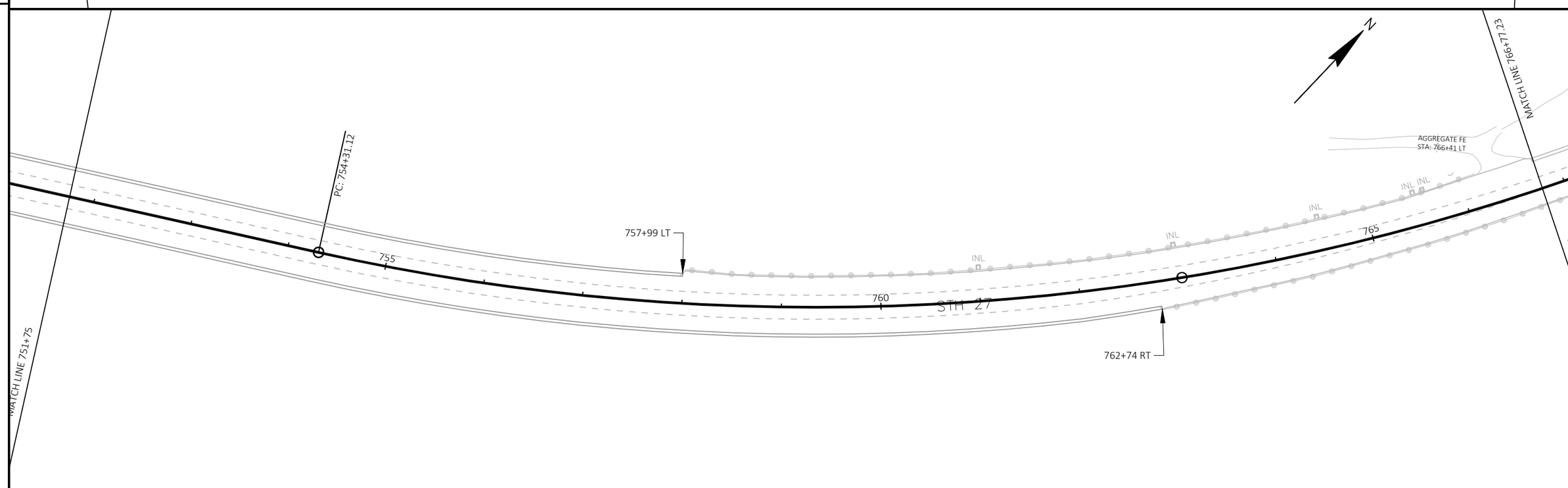
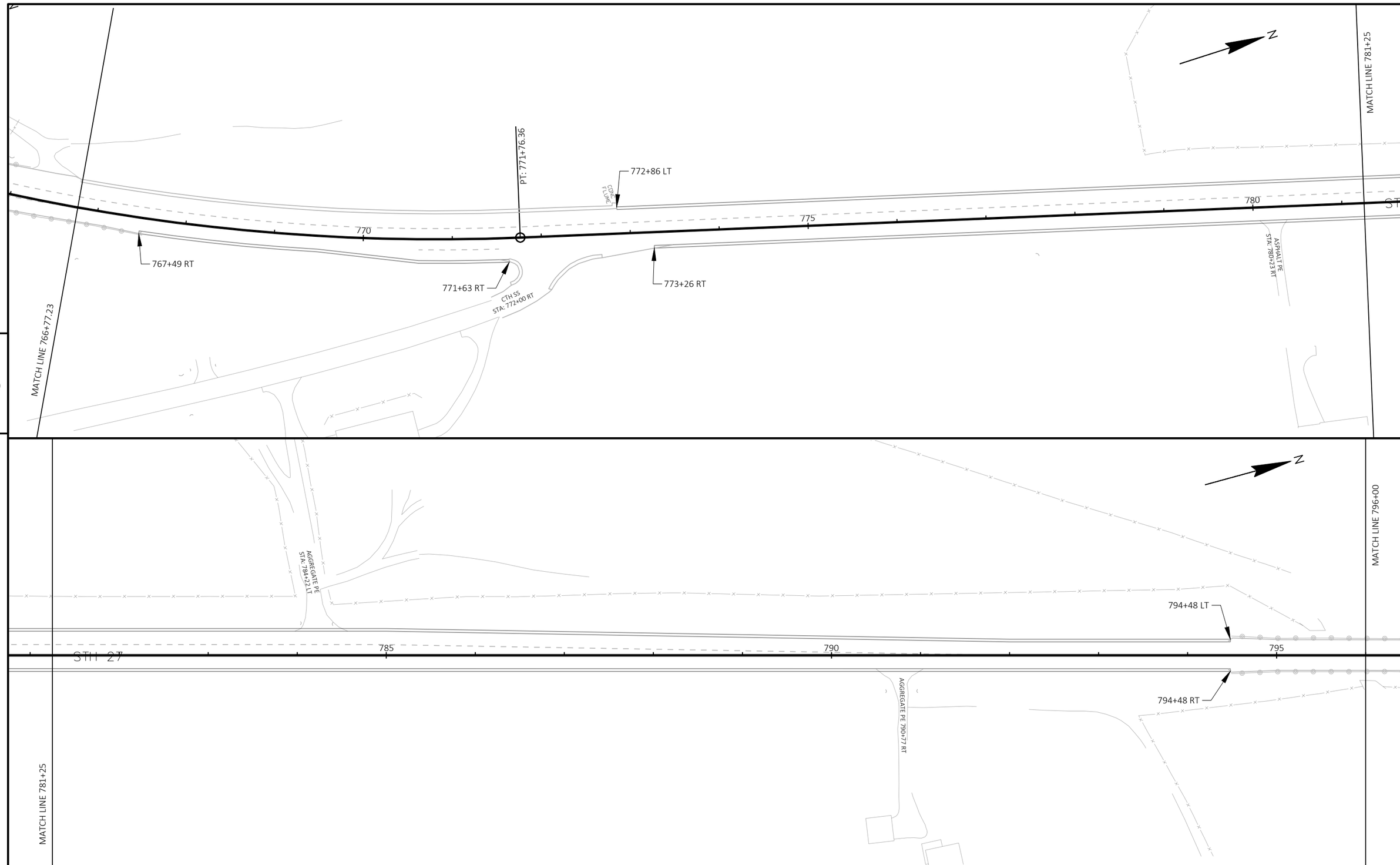


PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 36	E



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 37	E

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PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
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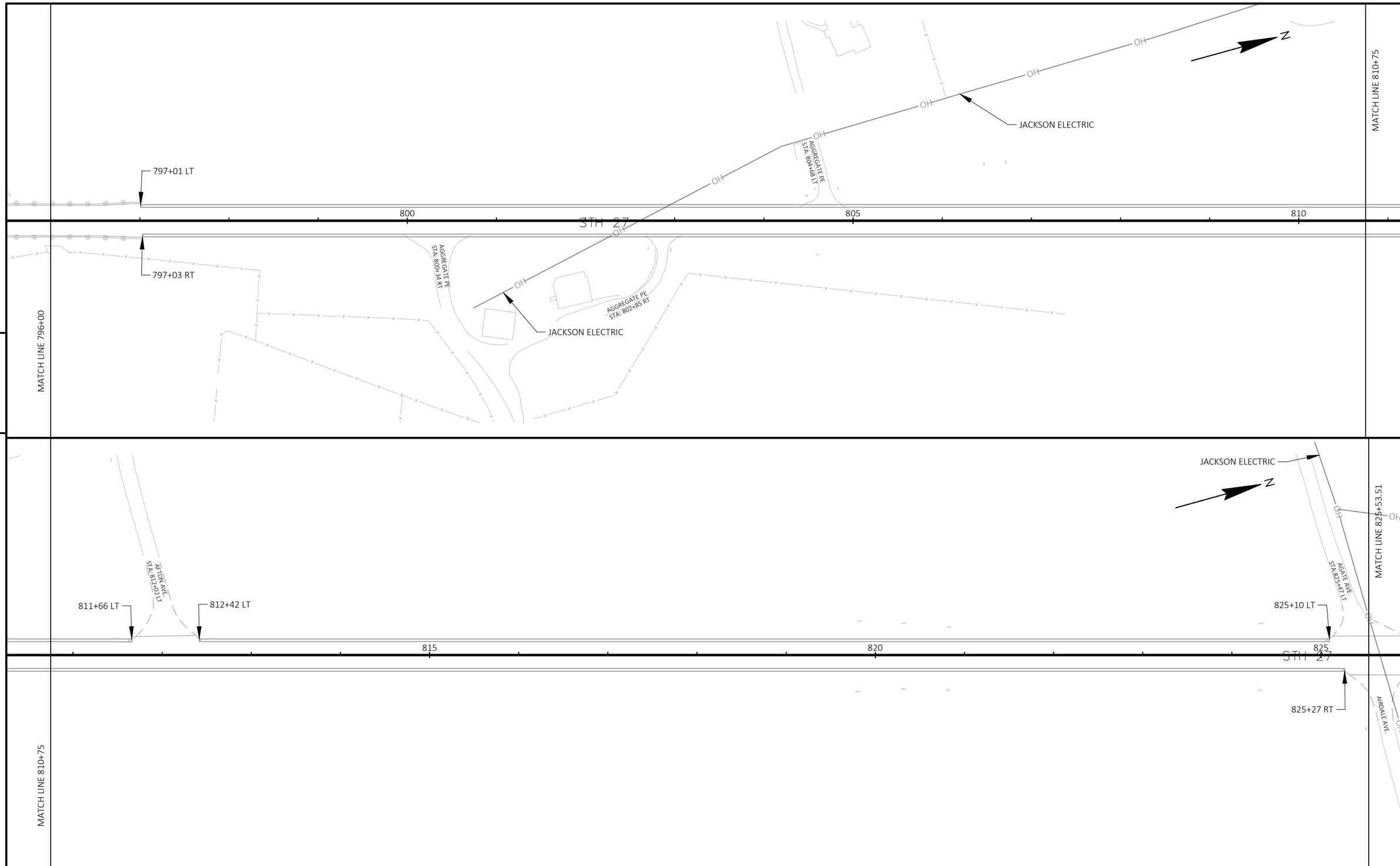
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 38	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
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PLOT BY : STANGE, JOSEPH EDWIN
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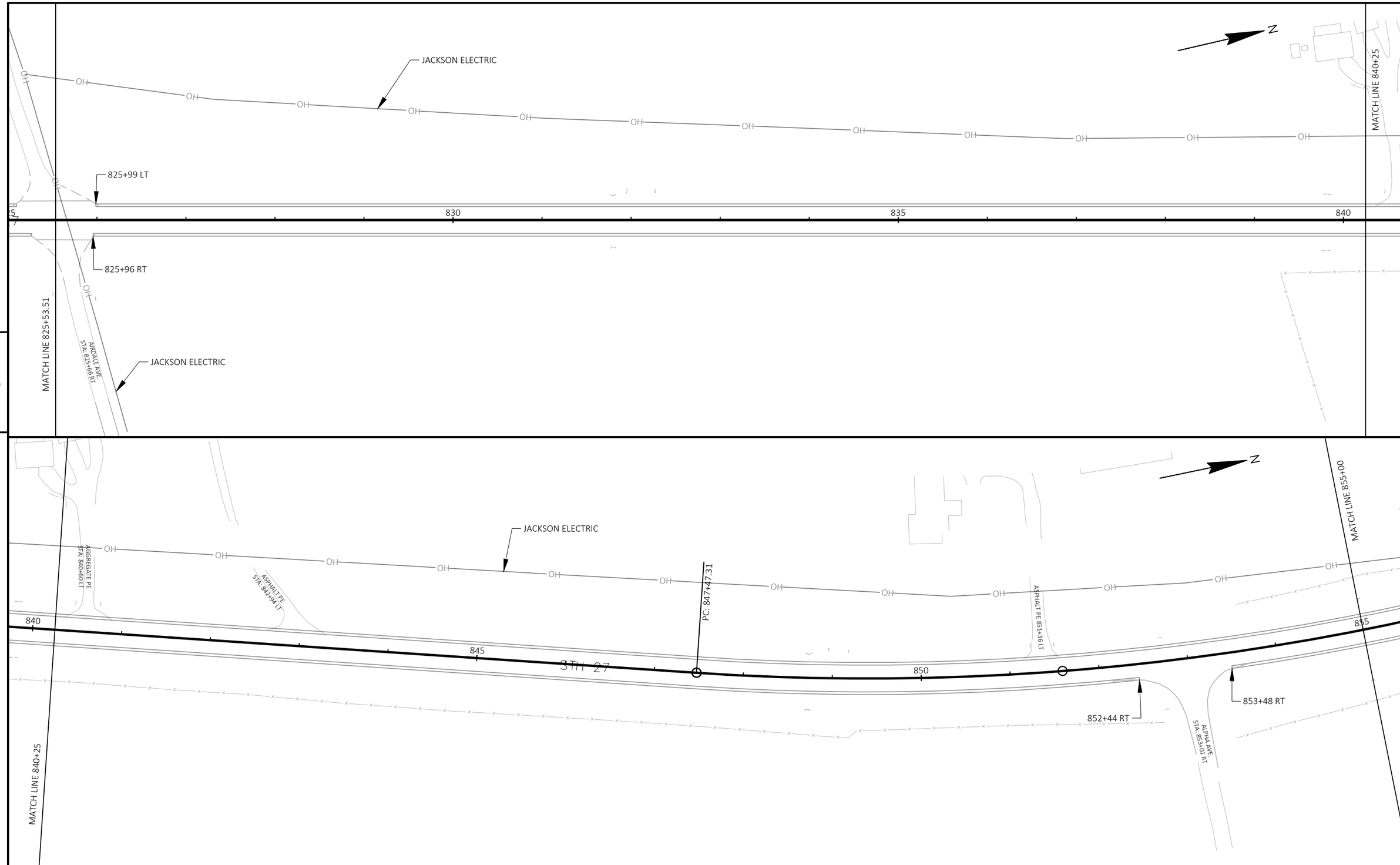
WISDOT/CADDS SHEET 44



PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 39	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 26
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PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
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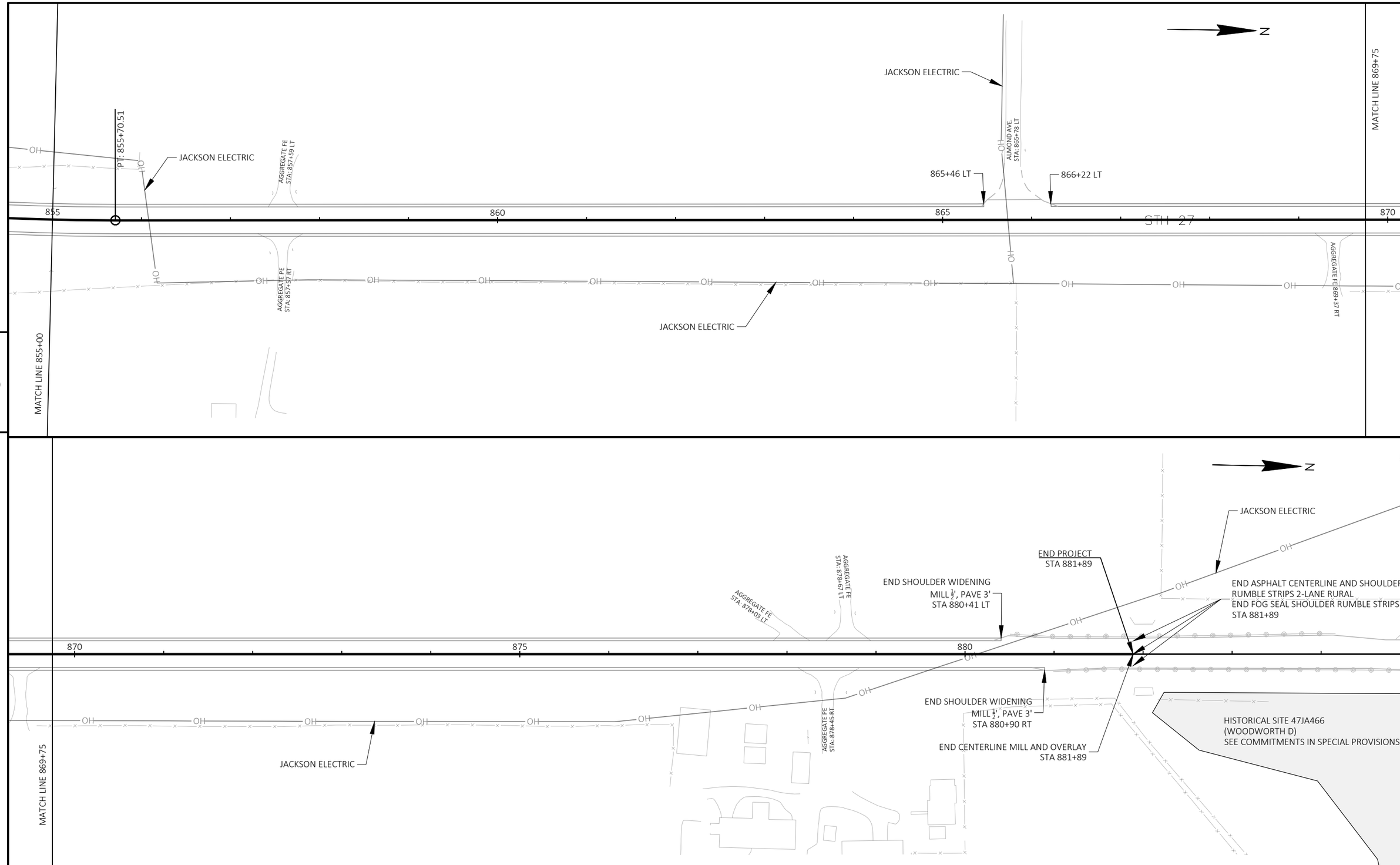
WISDOT/CADDS SHEET 44



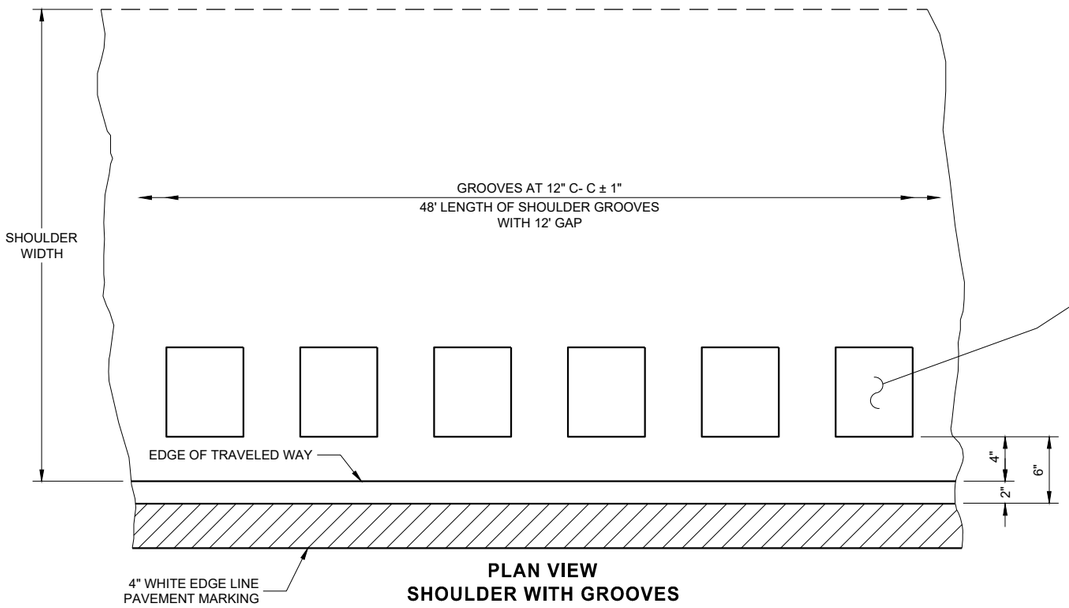
PROJECT NO: 7062-02-73	HWY: STH 27	COUNTY: MONROE	PLAN DETAILS	SHEET 40	E

FILE NAME : N:\PDS\C3D\70620203\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 27
PLOT DATE : 4/12/2022 12:44 PM
PLOT BY : STANGE, JOSEPH EDWIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

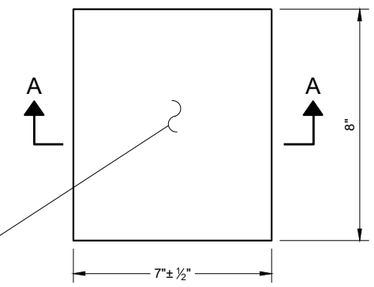
Standard Detail Drawing List

13A10-02A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-07A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15C35-05B	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15C35-05C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)

6



PLAN VIEW
SHOULDER WITH GROOVES



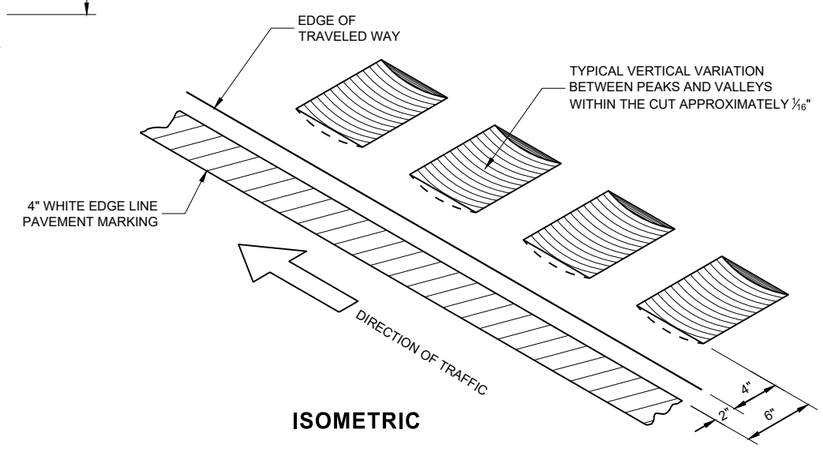
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

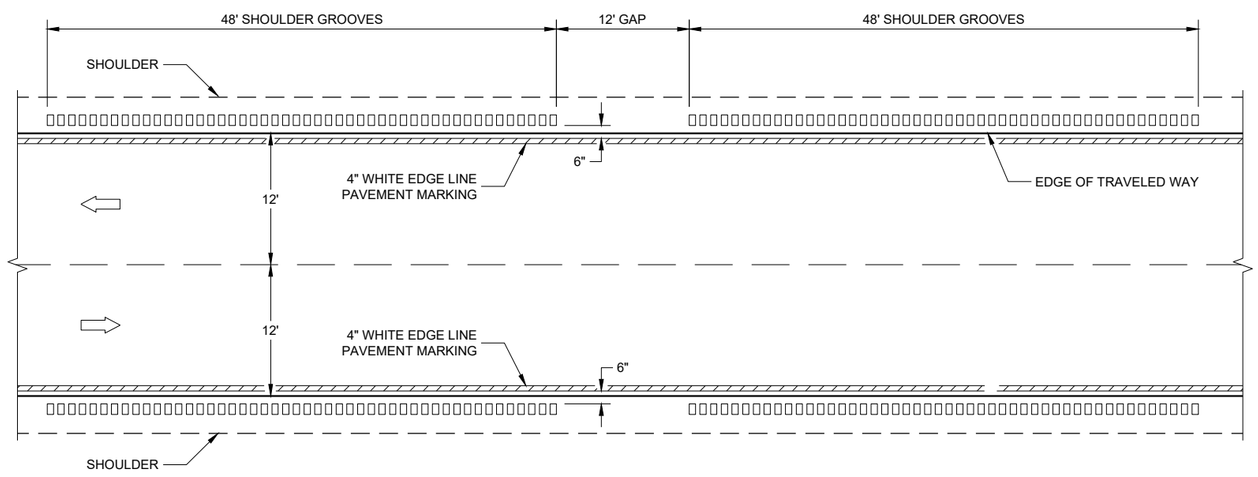
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

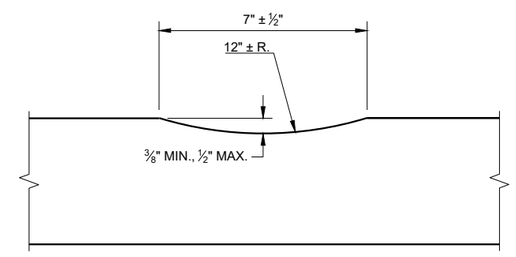


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



TYPE 1
2 - LANE SHOULDER RUMBLE STRIP



SECTION A - A

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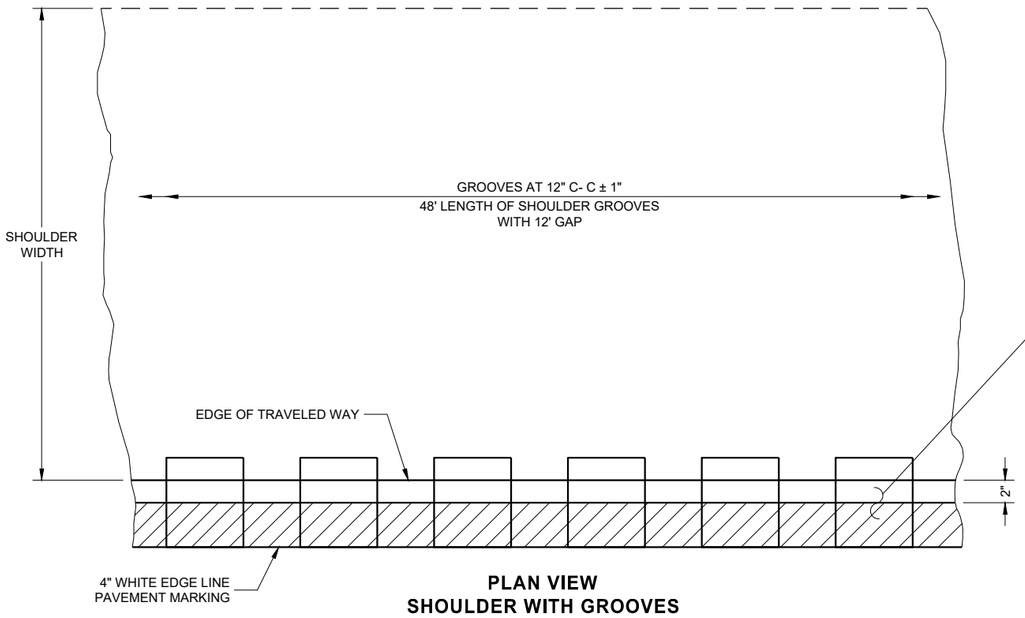
SDD 13A10 - 02a

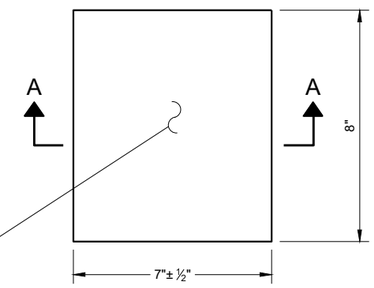
SDD 13A10 - 02a

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT



PLAN VIEW
SHOULDER WITH GROOVES



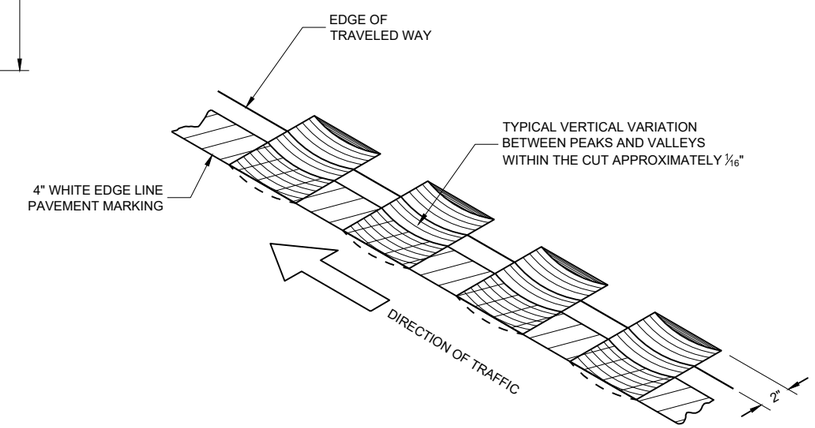
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

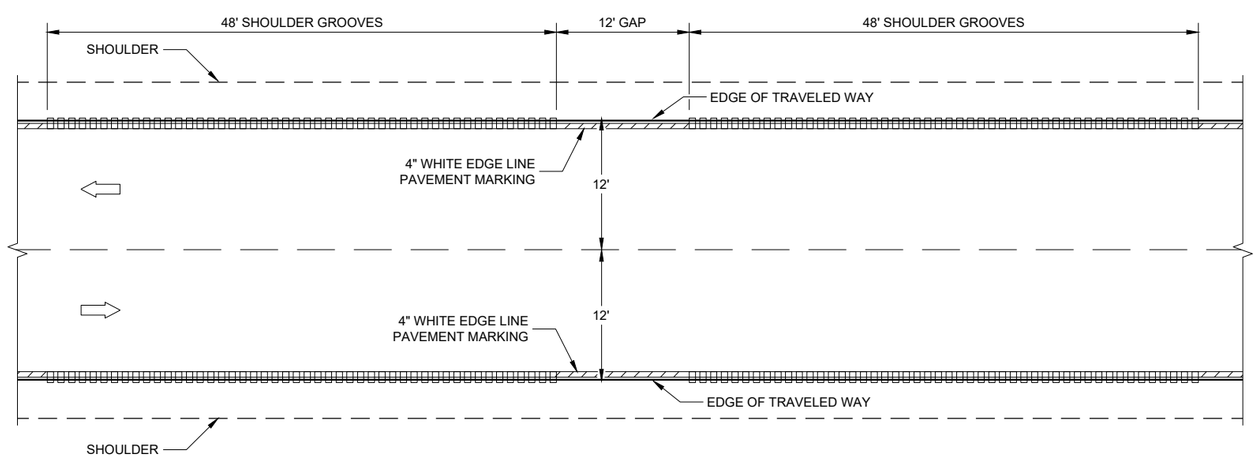
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

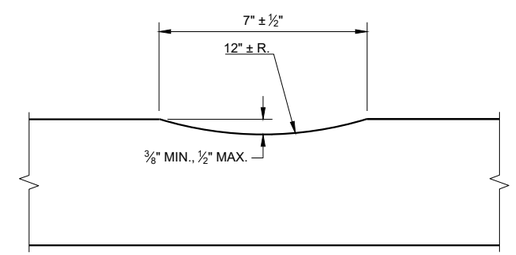


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP



TYPE 2
2 - LANE SHOULDER RUMBLE STRIP



SECTION A - A

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

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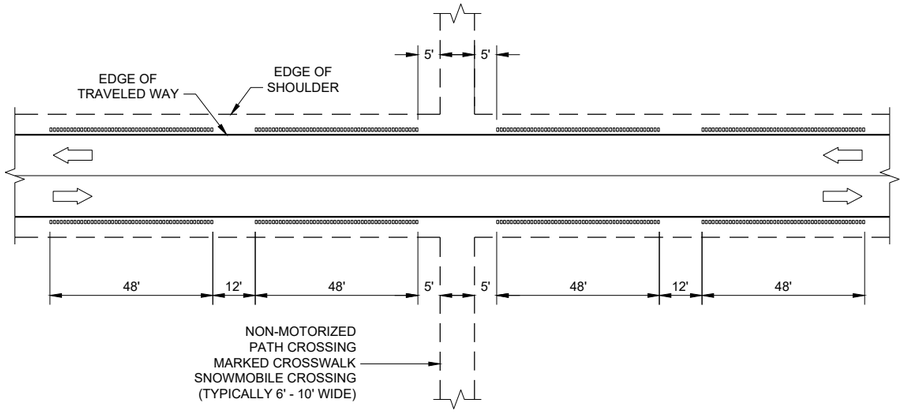
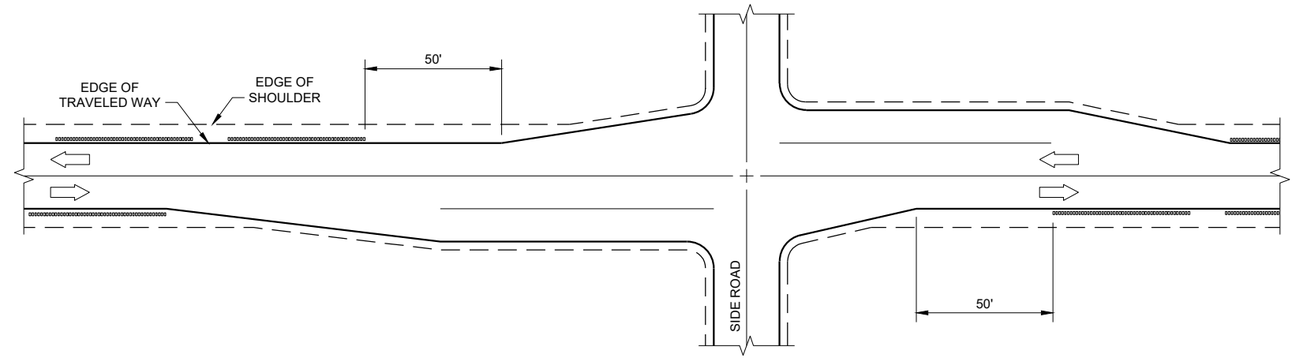
SDD 13A10 - 02b

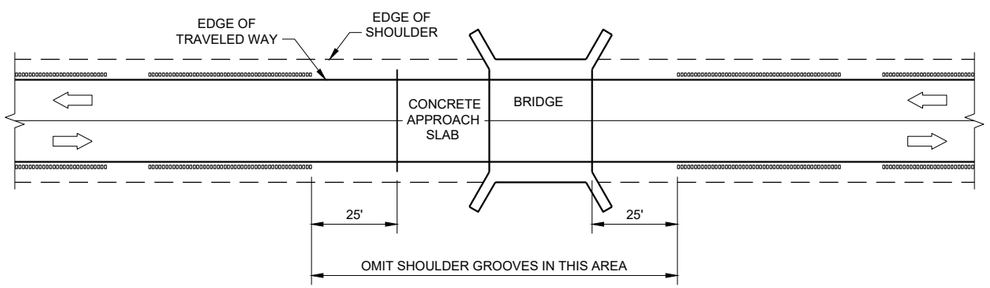
SDD 13A10 - 02b



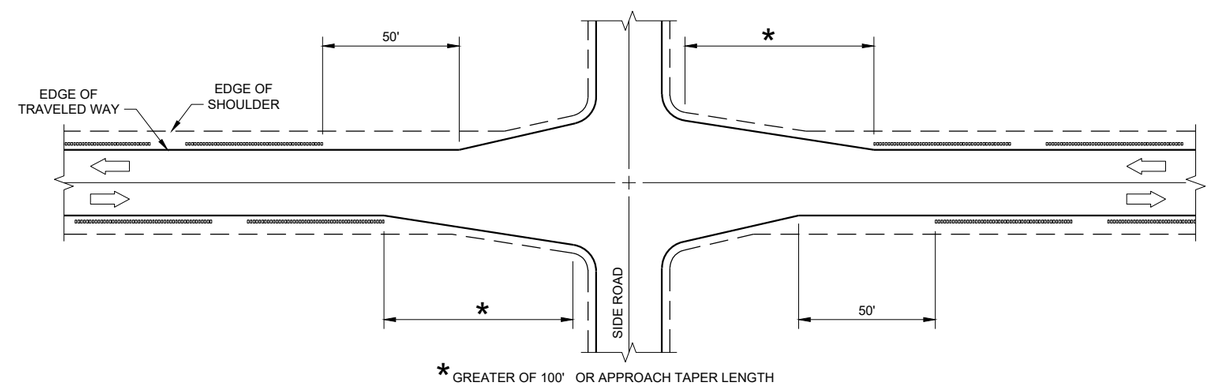
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



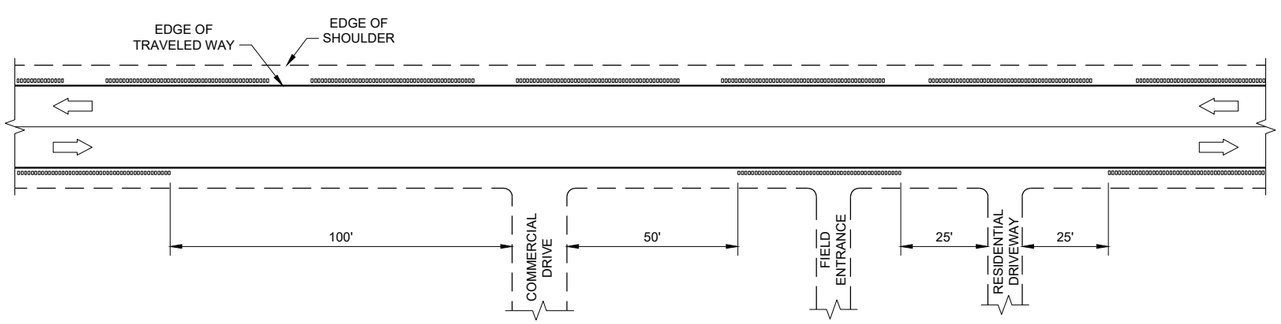
SHOULDER GROOVES AT RIGHT TURN LANE



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT INTERSECTIONS WITH APPROACH TAPER



SHOULDER GROOVES AT DRIVEWAYS (1)

GENERAL NOTES

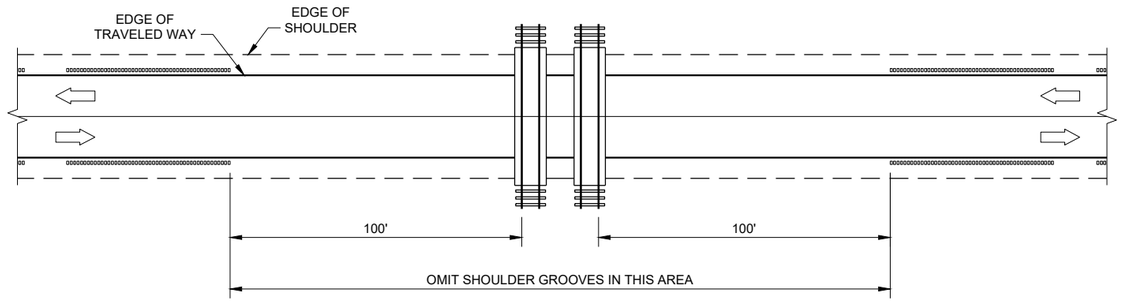
(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

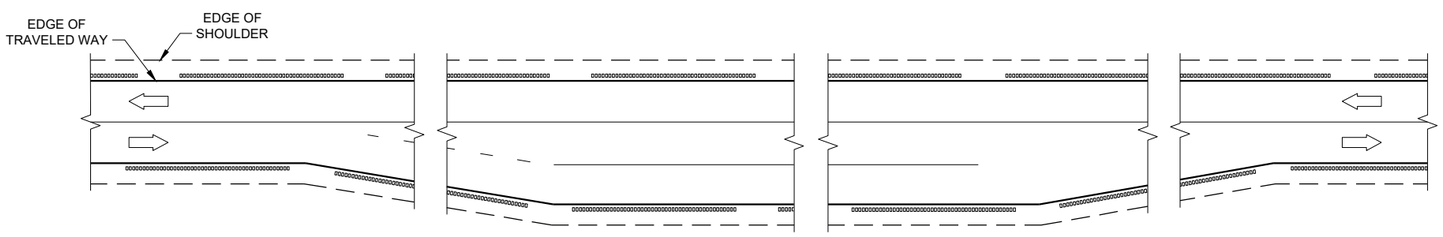
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

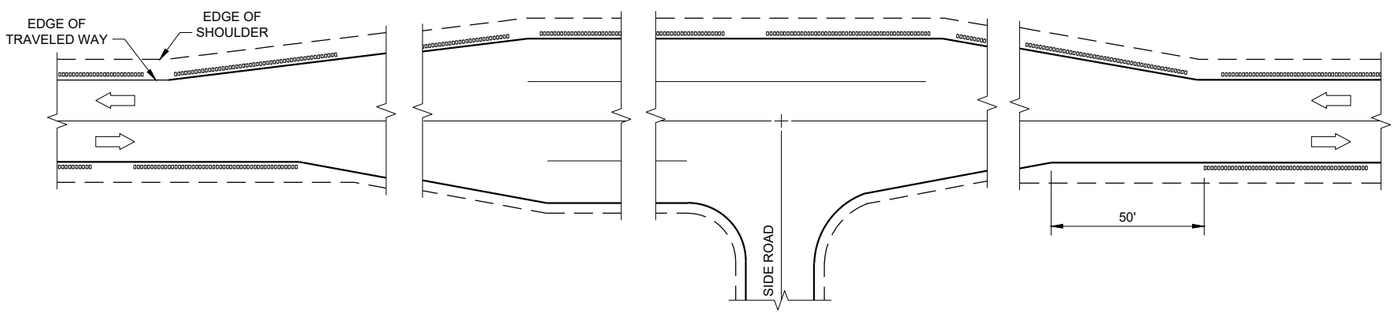
SDD 13A10 - 02c



SHOULDER GROOVES AT RAILROADS



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

6

6

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 13A10 - 02d

SDD 13A10 - 02d

GENERAL NOTES

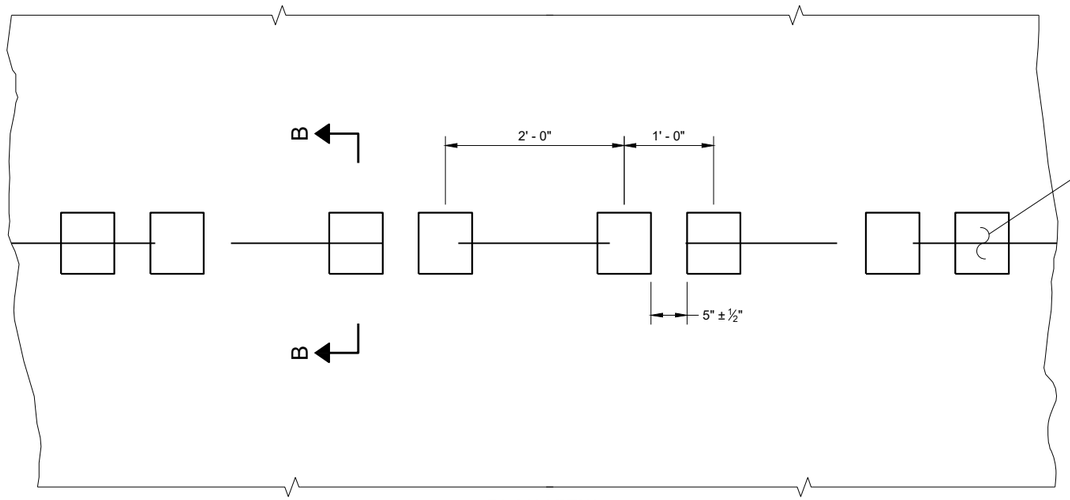
DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTERLINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

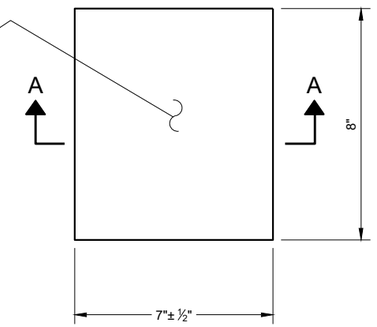
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

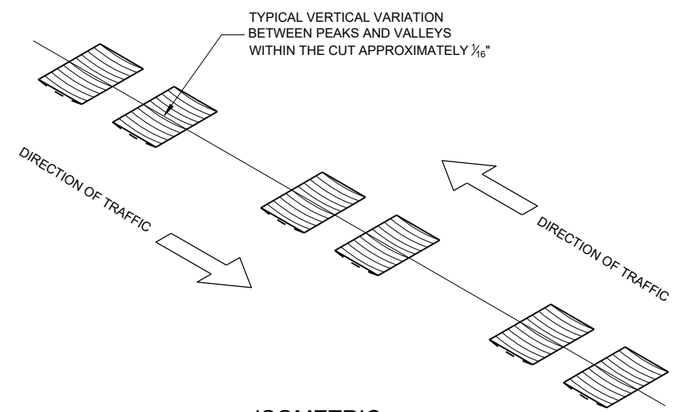
(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.



PLAN VIEW
SHOULDER WITH GROOVES

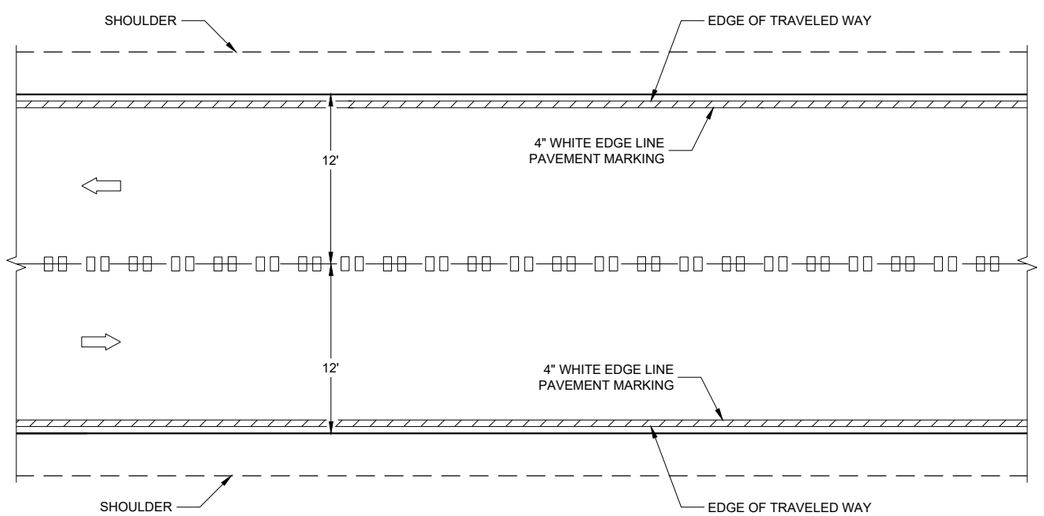


PLAN VIEW
(SINGLE GROOVE)

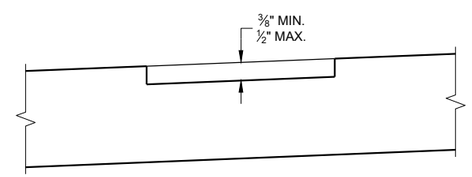


ISOMETRIC

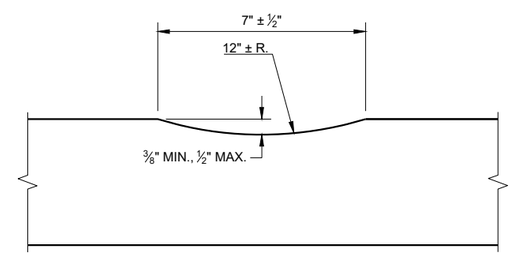
PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



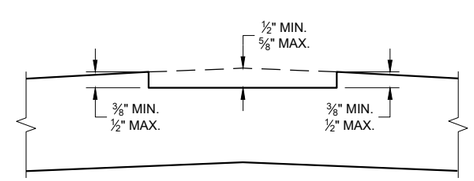
CENTERLINE GROOVES ON TWO-WAY ROADWAYS



SECTION B - B
SUPERELEVATED ROADWAY



SECTION A - A



SECTION B - B
CROWNED ROADWAY

2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

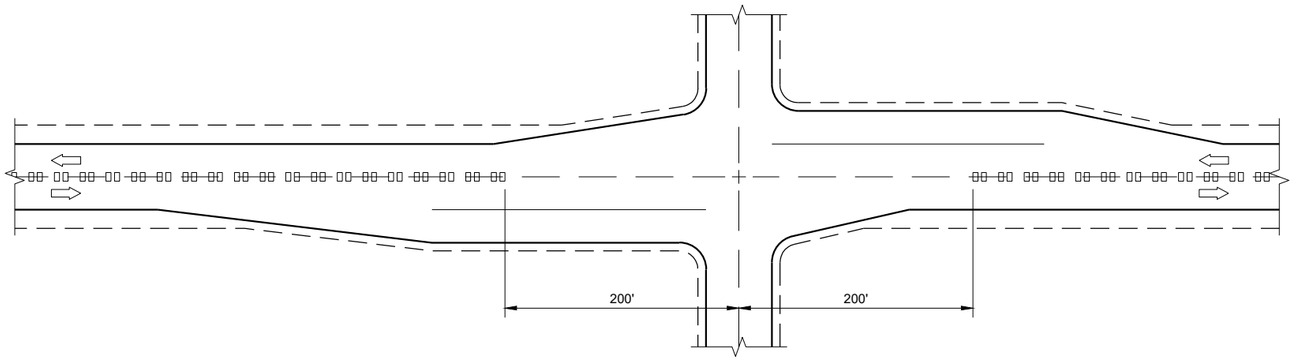
6

SDD 13A11 - 03a

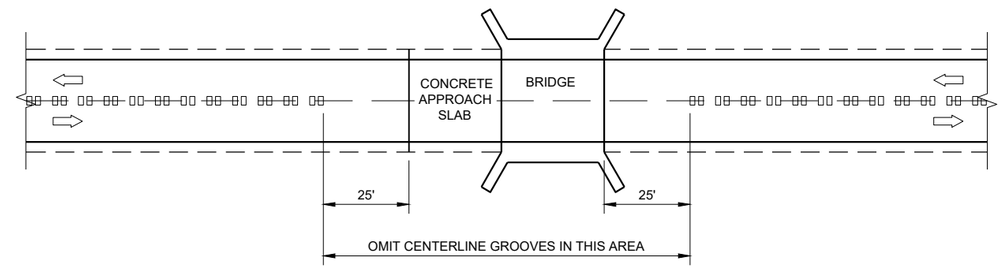
SDD 13A11 - 03a

GENERAL NOTES

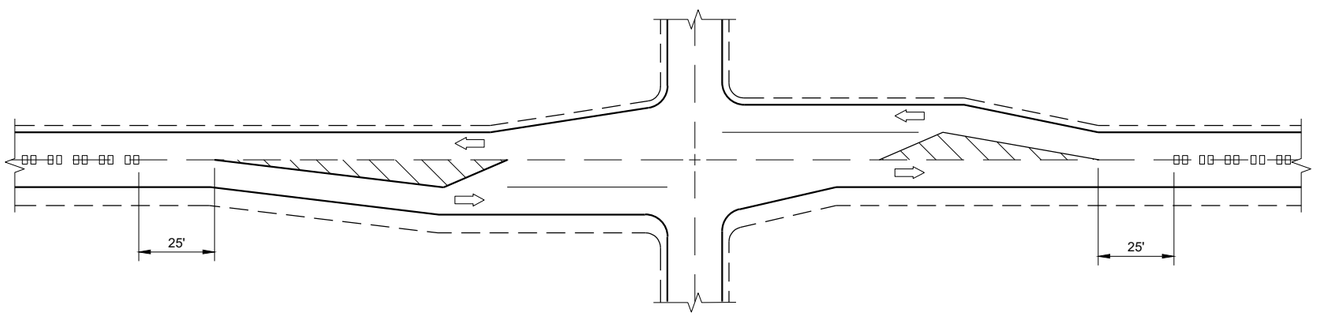
1. CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.



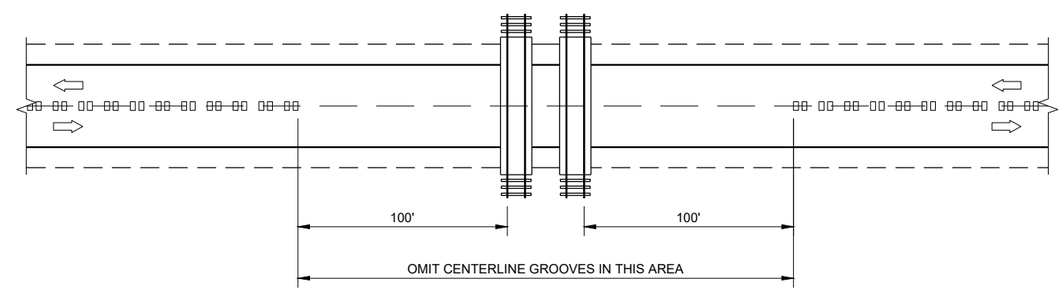
CENTERLINE GROOVES AT INTERSECTIONS



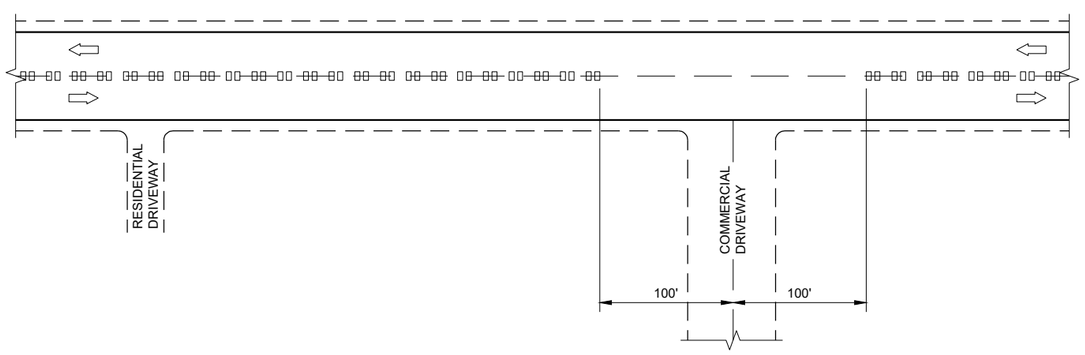
CENTERLINE GROOVES AT BRIDGES



CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



CENTERLINE GROOVES AT RAILROADS



CENTERLINE GROOVES AT DRIVEWAYS (1)

2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6
SDD 13A11 - 03b

GENERAL NOTES

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

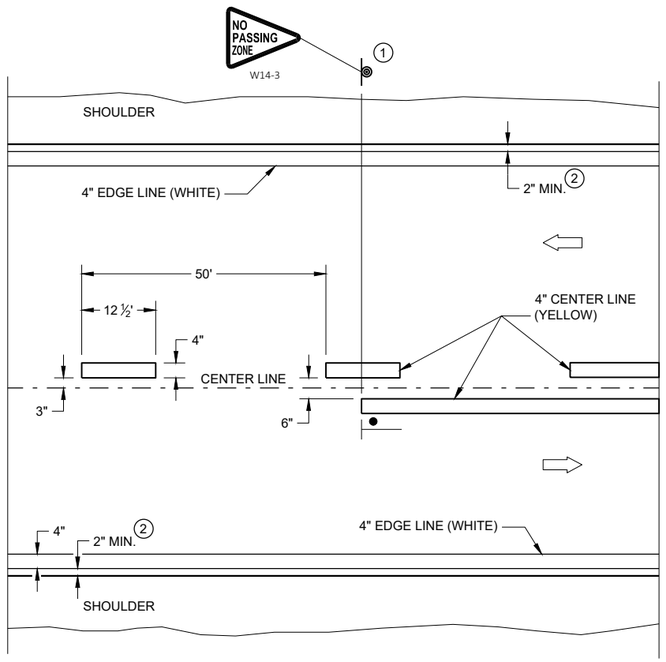
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

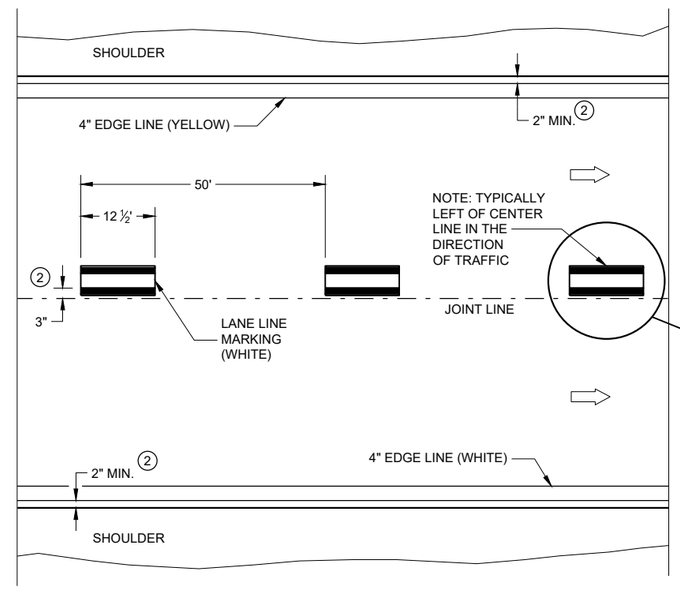
"T" MARKING

SIGN ON PERMANENT SUPPORT

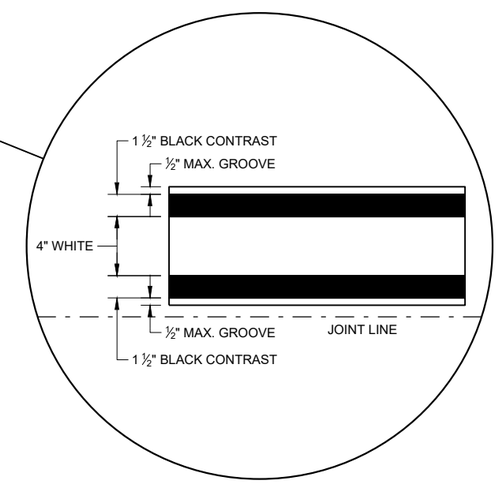
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



PERMANENT PAVEMENT MARKING

6

6

SDD 15C08 - 22a

SDD 15C08 - 22a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

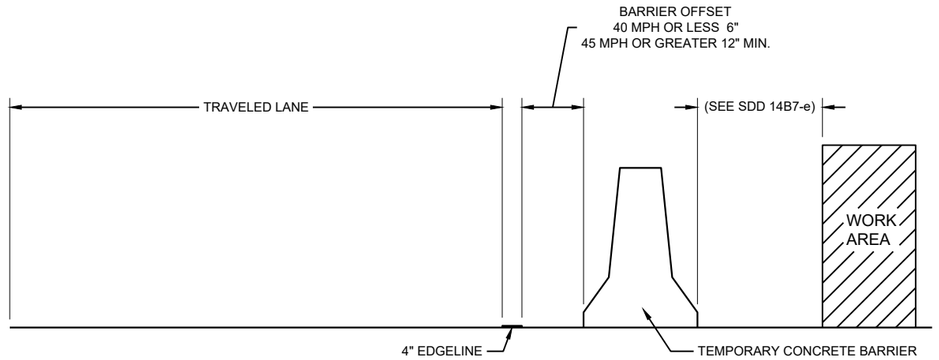
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022 — DATE

/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA



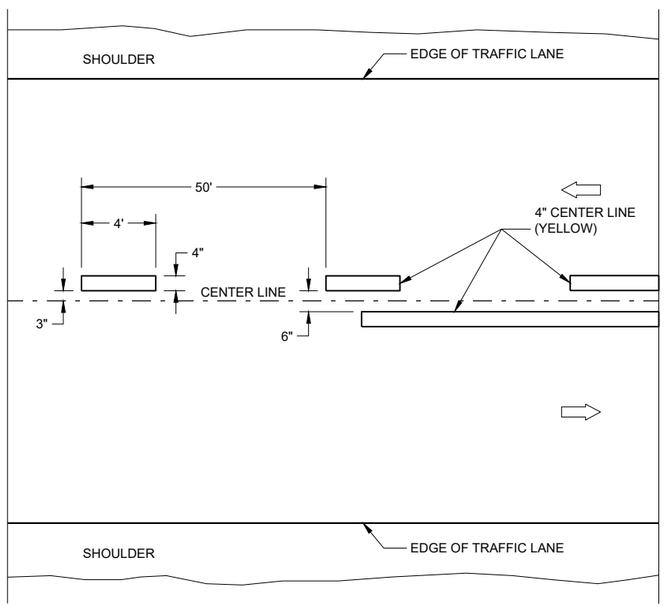
TEMPORARY BARRIER OFFSET FROM EDGELINE

GENERAL NOTES

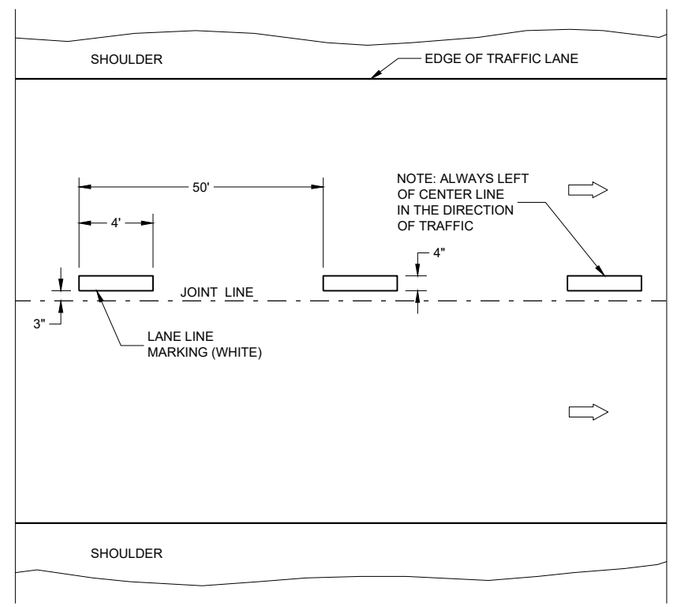
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

LEGEND

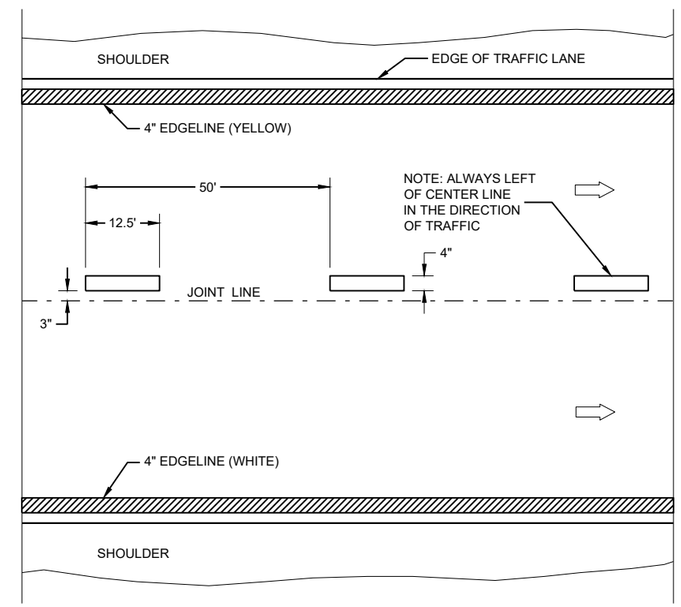
⇨ DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

6

SDD 15C08 - 22b

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER
FHWA

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SDD 15C08 - 22b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

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

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

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

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

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

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

FLAGGING

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

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

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

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

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

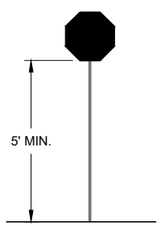
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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



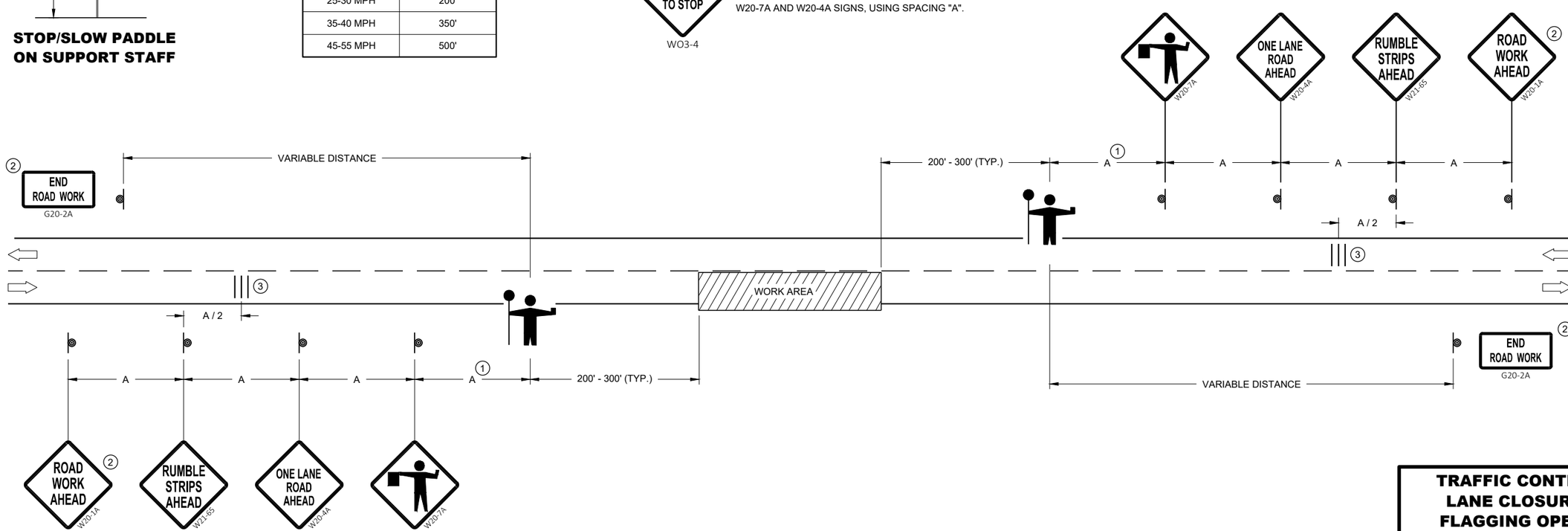
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

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SDD 15C12 - 09a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

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

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

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

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

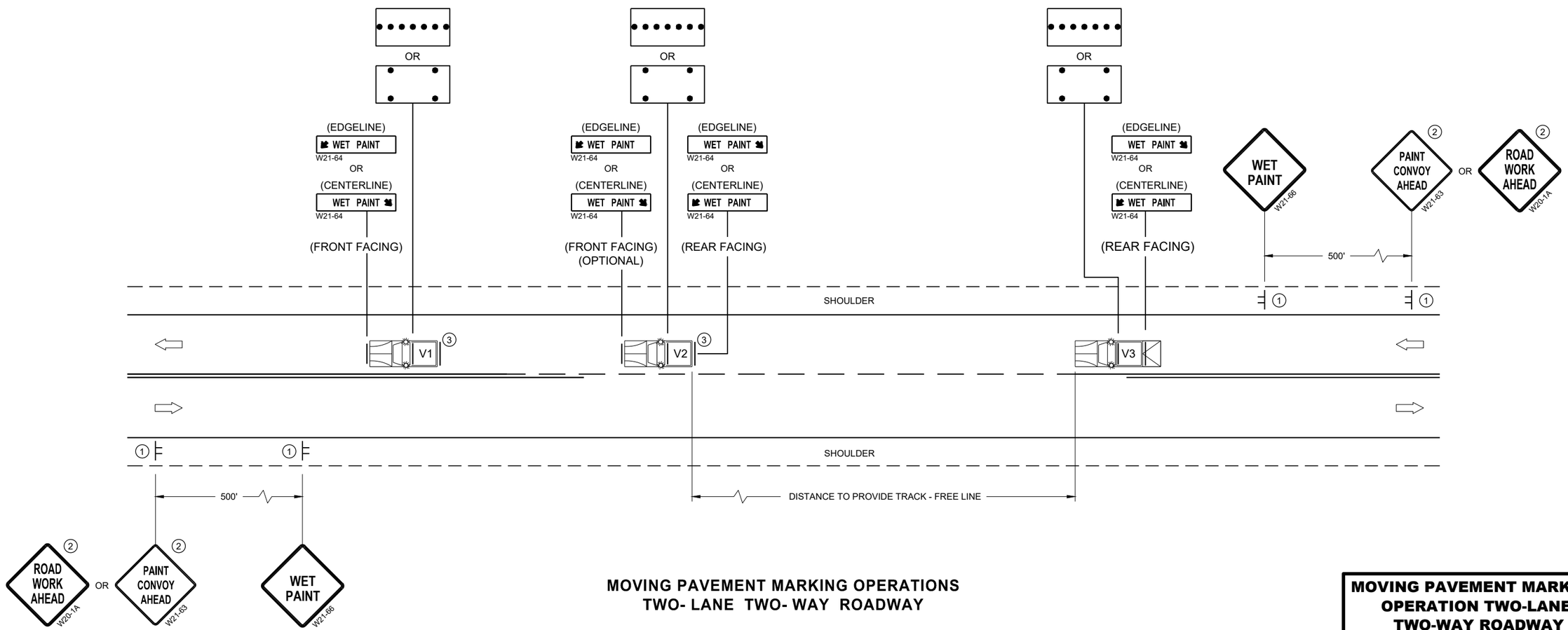
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

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

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

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

1. SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
2. IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.
3. V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

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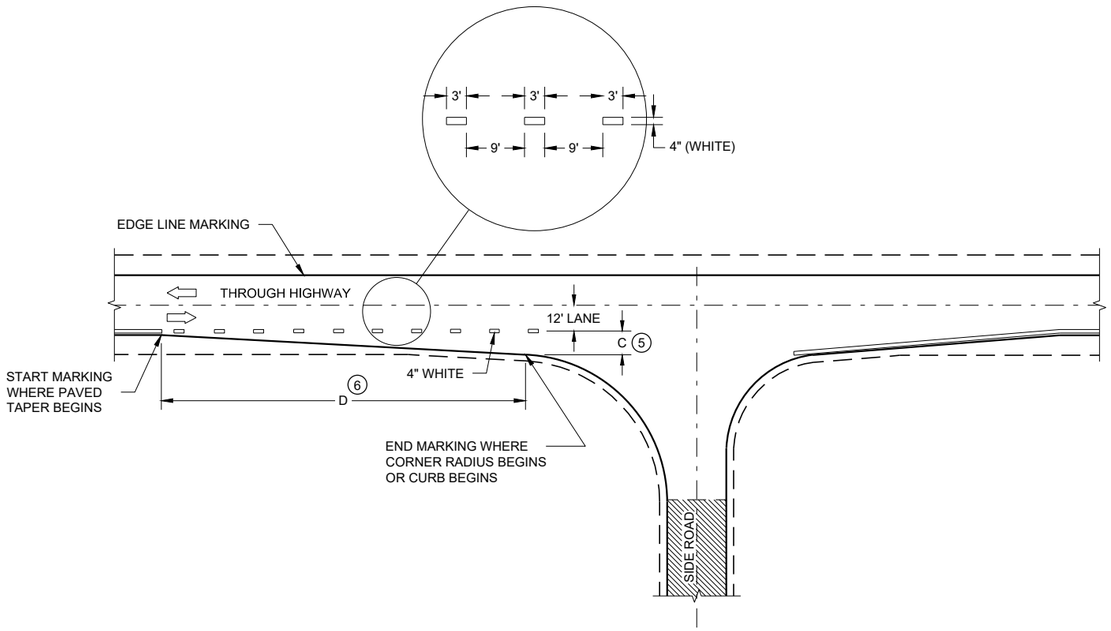
SDD 15C19 - 07a



MINOR INTERSECTION

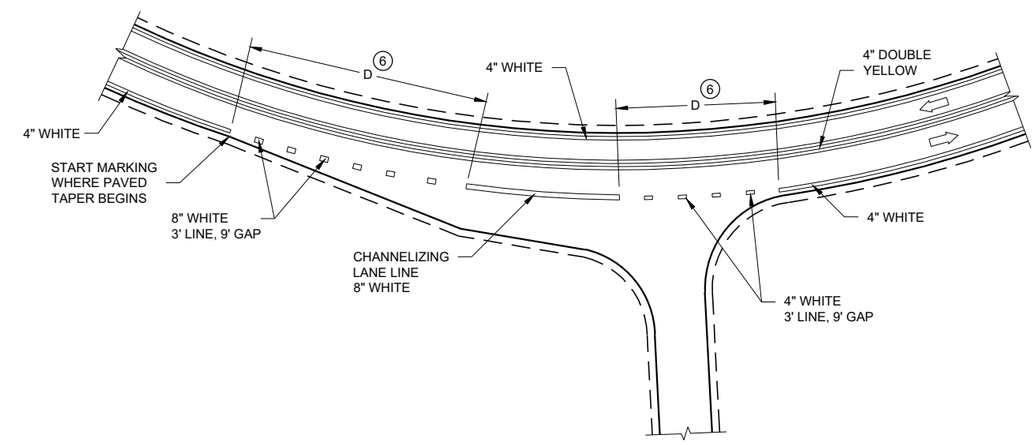
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

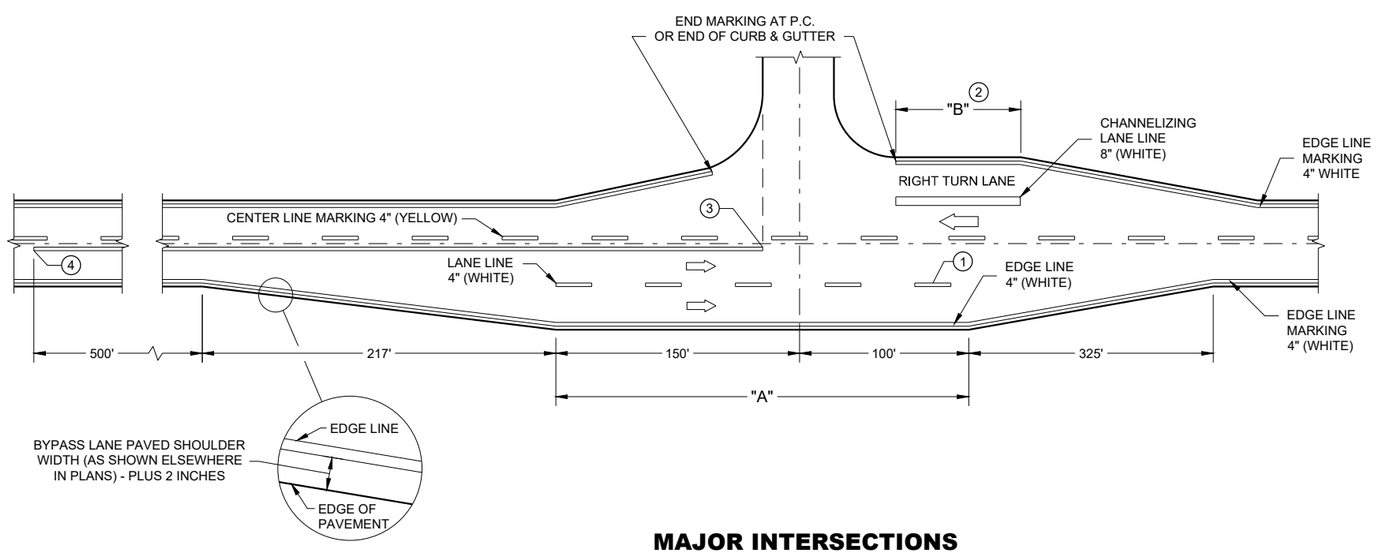
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

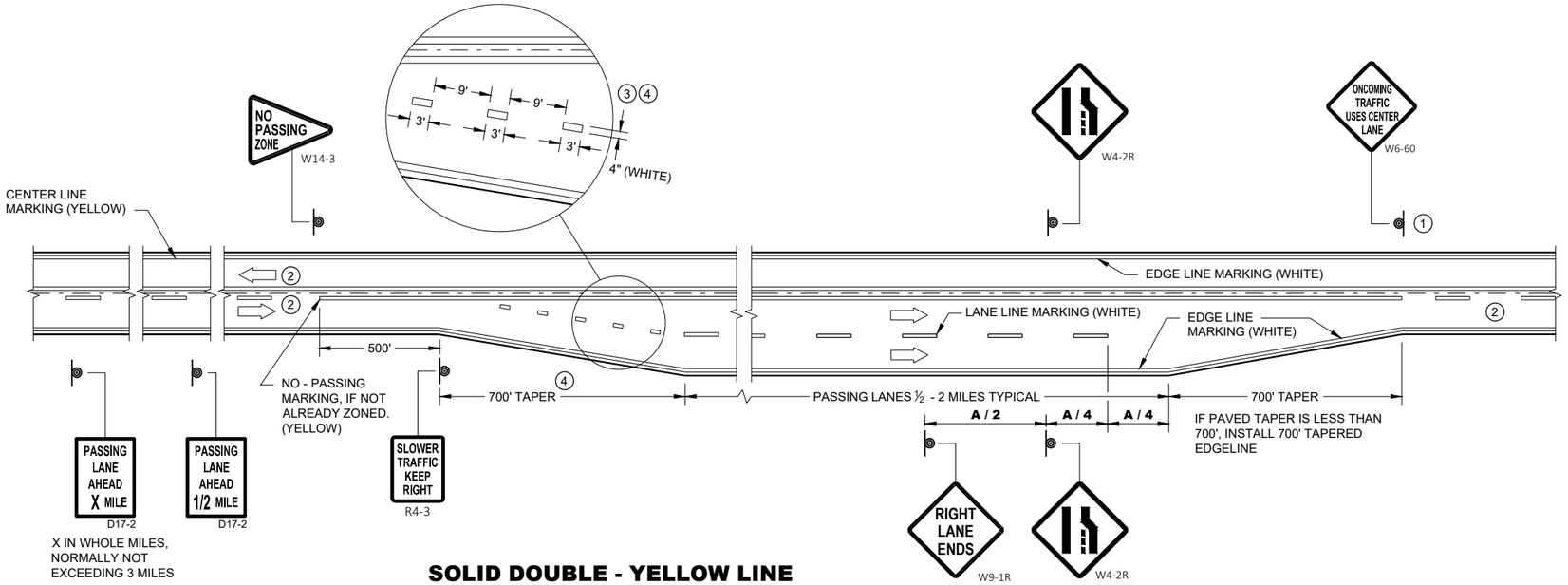
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

SDD 15C35 - 05a



SOLID DOUBLE - YELLOW LINE (THROUGHOUT ENTIRE PASSING / CLIMBING LANE)

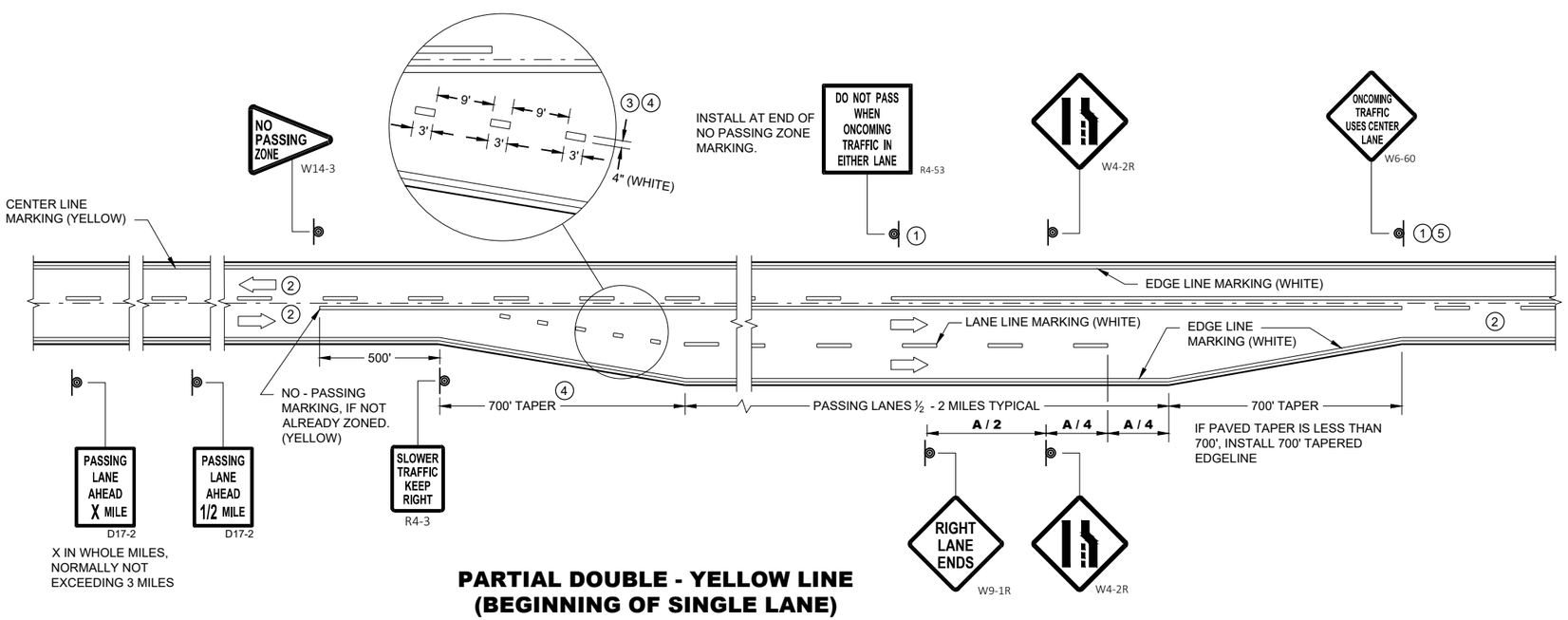
GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.
5. REPEAT EVERY 1 MILE UP UNTIL R4-53.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	885
55	990



PARTIAL DOUBLE - YELLOW LINE (BEGINNING OF SINGLE LANE)

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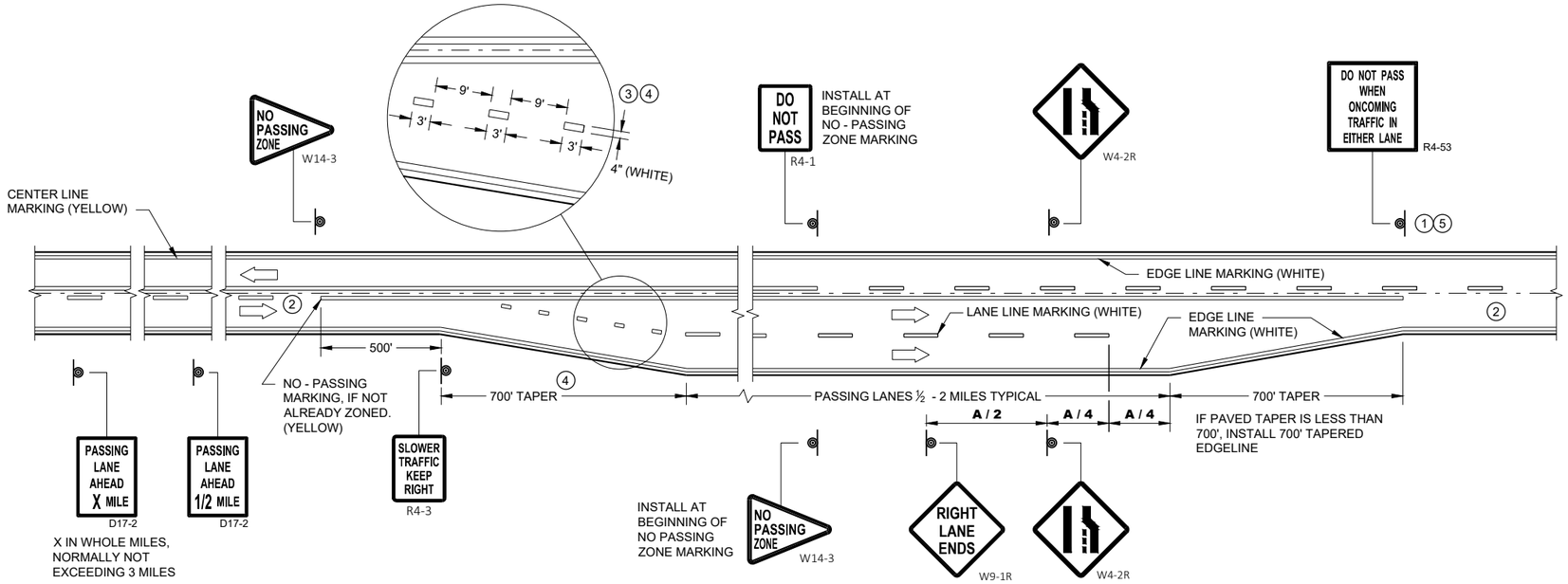
SDD 15C35 - 05b

SDD 15C35 - 05b

PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SOLID DOUBLE - YELLOW LINE (END OF SINGLE LANE)

GENERAL NOTES

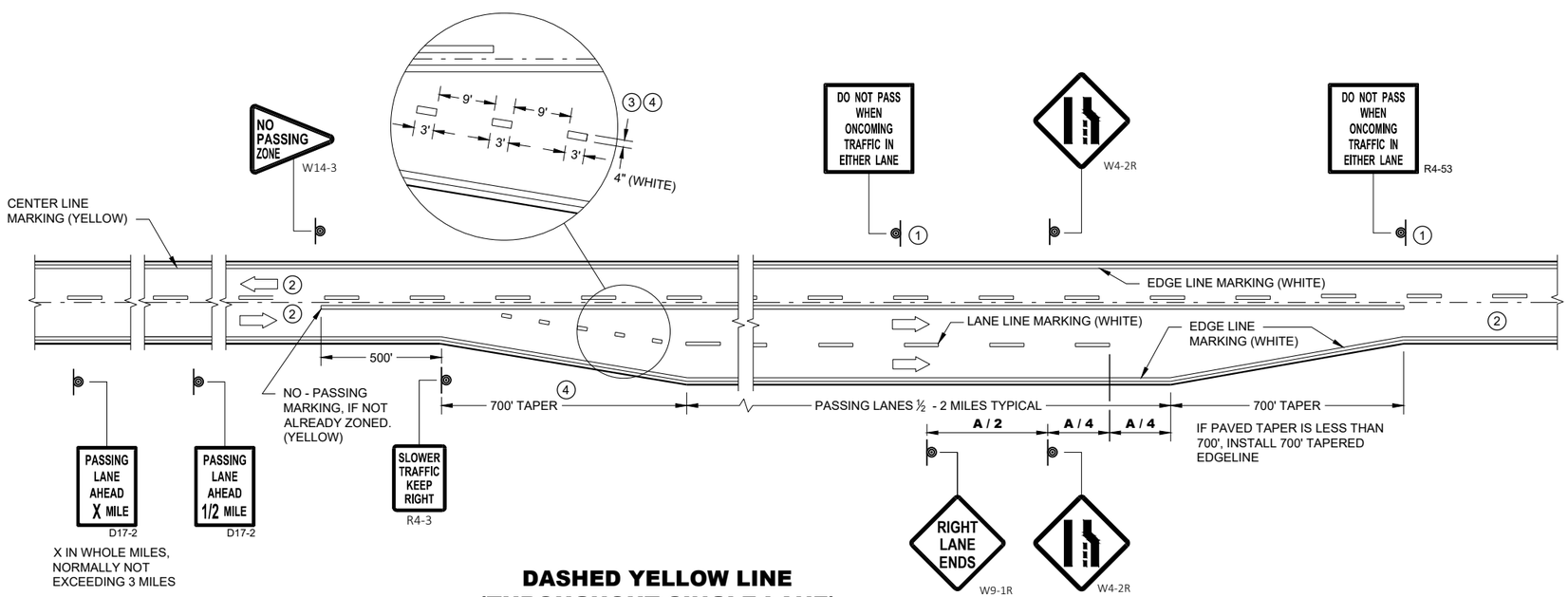
1. SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.
5. REPEAT EVERY ONE MILE UP UNTIL NO PASSING ZONE.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	885
55	990

6



DASHED YELLOW LINE (THROUGHOUT SINGLE LANE)

6

PAVEMNET MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MAR ENGINEER
FHWA

SDD 15C35 - 05c

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Notes

Wisconsin Department of Transportation

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