

PROJECT ID: 5190-00-70

COUNTY: RICHLAND

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 =



DESIGN DESIGNATION

A.A.D.T.	2023	=	2,300
A.A.D.T.	2043	=	2,580
D.H.V.		=	10.5
D.D.		=	60/40
T.		=	12.5%
DESIGN SPEED		=	55 M.P.H.
ESALS		=	630,000

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	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

BOSCOBEL - GOTHAM

CTH W TO STH 80

STH 60

RICHLAND COUNTY

STATE PROJECT NUMBER

5190-00-70

STATE PROJECT

FEDERAL PROJECT

PROJECT

CONTRACT

5190-00-70

TRANS 220 PROJECT PLAN FOR
DESIGN OF UTILITY FACILITY
ALTERATIONS OR RELOCATIONS
SEPTEMBER 1, 2020

EXCEPTION TO NET C/L LENGTH
STA 192+37.85 - 192+88.35 (B-52-255)

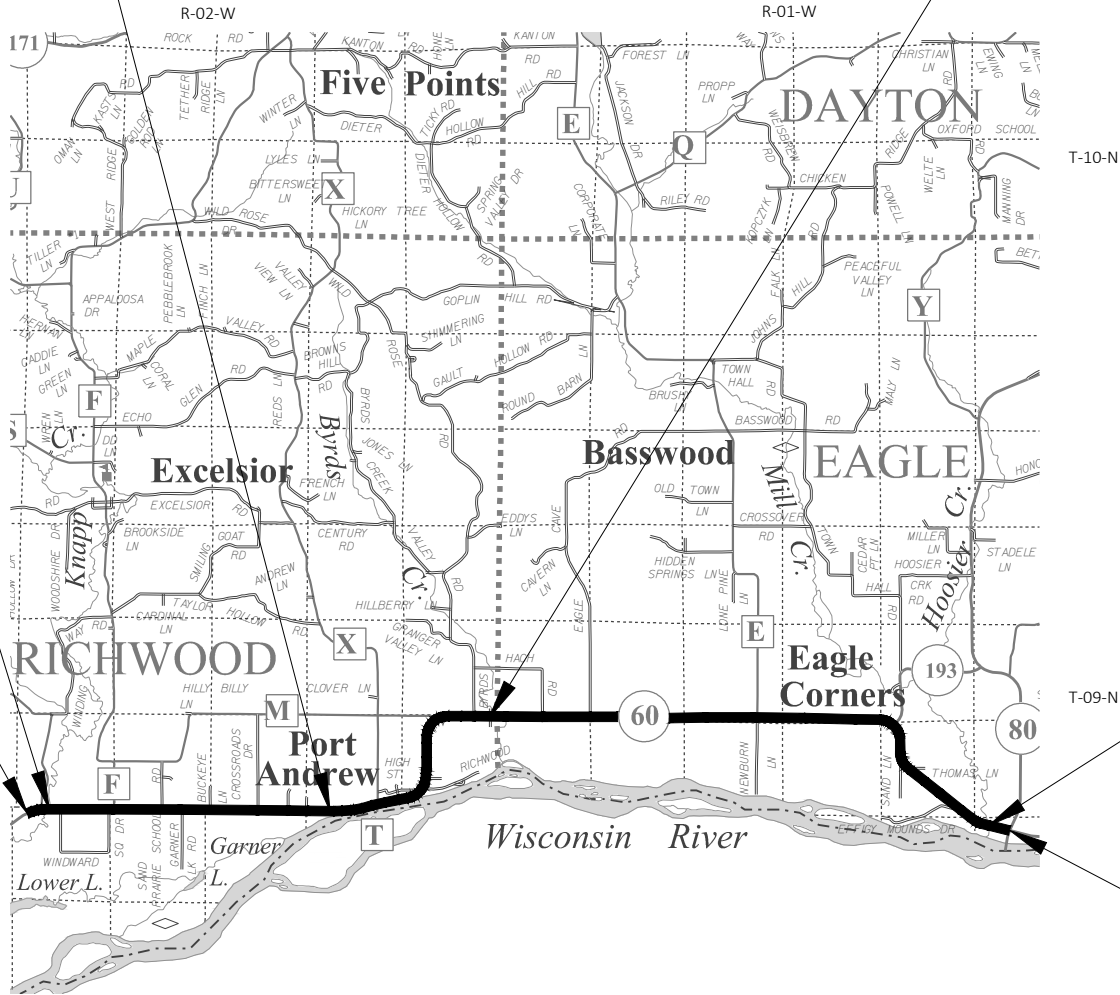
EXCEPTION TO NET C/L LENGTH
STA 318+72.33 - 319+36.23 (B-52-175)

EXCEPTION TO NET C/L LENGTH
STA 33+87.57- 34+89.89 (B-52-177)

BEGIN PROJECT 5190-00-70
STA 22+08.00
Y=397,669.59
X=607,127.21

EXCEPTION TO NET C/L LENGTH
STA 615+33.70 - 616+28.03 (B-52-123)

END PROJECT
STA 625+67.10



LAYOUT
SCALE 0 2 MI
TOTAL NET LENGTH OF CENTERLINE = 11.391 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN
COORDINATE REFERENCE SYSTEM (WISCRS), RICHLAND COUNTY,
NAD83 (2011), 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	N/A
Designer	DIEGO SILVA, P.E.
Project Manager	FRANK PRITZLAFF, P.E.
Regional Examiner	
Regional Supervisor	MANOJOY NAG, P.E.

APPROVED FOR THE DEPARTMENT
DATE: _____
(Signature)

STANDARD ABBREVIATIONS

AP	ACCESS POINT	PI	POINT OF INTERSECTION
AC	ACRE	PRC	POINT OF REVERSE CURVATURE
AGG	AGGREGATE	PT	POINT OF TANGENCY
AADT	ANNUAL AVERAGE DAILY TRAFFIC	PVC	POLYVINYL CHLORIDE
ASPH	ASPHALTIC	PCC	PORTLAND CEMENT CONCRETE
AVG	AVERAGE	LB	POUND
B/L	BASE LINE	PE	PRIVATE ENTRANCE
C/L	CENTER LINE	PROJ	PROJECT
CC	CENTER TO CENTER	R	RADIUS
CE	COMMERCIAL ENTRANCE	RR	RAILROAD
CONC	CONCRETE	R/L	REFERENCE LINE
CO	COUNTY	REQD	REQUIRED
CTH	COUNTY TRUNK HIGHWAY	RT	RIGHT
CABC	CRUSHED AGGREGATE BASE COURSE	RD	ROAD
CY	CUBIC YARD	RDWY	ROADWAY
C & G	CURB AND GUTTER	SEC	SECTION
DHV	DESIGN HOUR VOLUME	SHLDR	SHOULDER
DD	DIRECTIONAL DISTRIBUTION	S	SOUTH
DWY	DRIVEWAY	SB	SOUTHBOUND
E	EAST	SP	SPECIAL
X	EAST GRID COORDINATE	SPECS	SPECIFICATIONS
EB	EASTBOUND	SF	SQUARE FEET
ELEV	ELEVATION	SY	SQUARE YARD
ESALS	EQUIVALENT SINGLE AXLE LOADS	STD	STANDARD
EXC	EXCAVATION	SDD	STANDARD DETAIL DRAWINGS
EBS	EXCAVATION BELOW SUBGRADE	STH	STATE TRUNK HIGHWAYS
EXIST	EXISTING	STA	STATION
FERT	FERTILIZE	SSD	STOPPING SIGHT DISTANCE
FE	FIELD ENTRANCE	STR	STRUCTURE OR STRUCTURAL
FAB	FLASHING ARROW BOARD	SE	SUPERELEVATION
FT	FOOT	SURF	SURFACE
HES	HIGH EARLY STRENGTH	S/L	SURVEY LINE
CWT	HUNDREDWEIGHT	TEMP	TEMPORARY
IN DIA	INCH DIAMETER	TPM	TEMPORARY PAVEMENT MARKING
IP	IRON PIPE OR PIN	MBM	THOUSAND FEET BOARD MEASURE
LT	LEFT	T	TON
LF	LINEAR FOOT	TC	TOP OF CURB
LS	LUMP SUM	T OR TN	TOWN
MP	MARKER POST	T	TRUCKS (PERCENT OF)
M/L	MATCH LINE	TYP	TYPICAL
MB	MESSAGE BOARD	UG	UNDERGROUND
NC	NORMAL CROWN	USH	UNITED STATES HIGHWAY
N	NORTH	VAR	VARIABLE
Y	NORTH GRID COORDINATE	V	VELOCITY OR DESIGN SPEED
NB	NORTHBOUND	VERT	VERTICAL
NO	NUMBER	VOL	VOLUME
PAVT	PAVEMENT	W	WEST
PT	POINT	WB	WESTBOUND
PCC	POINT OF COMPOUND CURVE		
PC	POINT OF CURVATURE		

GENERAL NOTES

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A CALL TO THE UTILITIES THAT HAVE INSTALLATIONS WITHIN THE PROJECT AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGER'S HOTLINE.

SAWCUT EXISTING ASPHALT PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.

CONSTRUCTION LIMITS ON SIDE ROADS AND PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER AND SHALL BE RESTORED IN KIND.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

NO MILLING ON STH 60 FROM STATION 33+87.57 TO STA 34+89.89 (B-52-177), FROM STA 192+37.85 TO STA 192+88.35 (B-52-255), FROM STA 318+72.33 TO STA 319+36.23 (B-52-175), FROM STA 615+33.70 TO STA 616+28.03 (B-52-123) .

CONTACT THE PROJECT ENGINEER, AND THE COUNTY SURVEYOR AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

APPLY TACK COAT BETWEEN LAYERS OF PAVEMENT AND TO MILLED SURFACES. THE APPLICATION RATE IS 0.07 GALLONS PER SQUARE YARD BETWEEN THE MILLED SURFACE, 0.05 GALLONS PER SQUARE YARD BETWEEN NEW HMA PAVEMENT LAYERS, OR AS DIRECTED BY THE ENGINEER.

THE LOWER LAYER OF HMA PAVEMENT IS TO BE PLACED ON THE SAME DAY OF MILLING TO MINIMIZE DAMAGE TO THE REMAINING PAVEMENT.

CONSTRUCT PAVEMENT CONSISTENT WITH THE PLAN TYPICAL SECTIONS. LOCATE LONGITUDINAL JOINTS IN ASPHALT PAVEMENT OUTSIDE OF DRIVING, TURNING, BIKE, OR PARKING LANE UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

ALL LAYOUT DATA IS REFERENCED TO THE C/L UNLESS OTHERWISE NOTED.

HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATION:

HMA PAVEMENT

LOCATION	HMA	LOWER LAYER	UPPER LAYER
STH 60 - MAINLINE AND SIDE ROADS	3 LT 58-28 S	2 ½"	X
	4 LT 58-28 S	X	1 ¾"

ORDER OF SECTION 2 SHEETS

GENERAL NOTES

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

EXISTING/PERMANENT SIGNING *

PAVEMENT MARKING

TRAFFIC CONTROL *

*NOT INCLUDED WITH TRANS 220 SUBMITTAL

UTILITY CONTACTS

ALLIANT ENERGY - ELECTRICITY
MARY MONTGOMERY
ALLIANT ENERGY
200FIRST ST
CEDAR RAPIDS, IA 52401
PHONE: 319-786-4768
EMAIL: MARYMONTGOMERY@ALLIANTENERGY.COM

CENTURYLINK - COMMUNICATION LINE
KEVIN ZICKERT
CENTURY LINK
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
PHONE: 262-392-5200
EMAIL: KEVIN.ZICKERT@CENTURYLINK.COM

MUSCODA UTILITIES - ELECTRICITY
TROY WARDEL
MUSCODA UTILITIES
P.O. BOX 206
MUSCODA, WI 53573
PHONE: 608-739-3182
EMAIL: TWARDELL@WPPIENERGY.ORG

MUSCODA WASTEWATER TREATMENT FACILITY - SEWER
TROY WARDEL
MUSCODA UTILITIES
P.O. BOX 206
MUSCODA, WI 53573
PHONE: 608-739-3182
EMAIL: TWARDELL@WPPIENERGY.ORG

NORTHERN NATURAL GAS COMPANY - GAS/PETROLEUM
SERGIO GONZALEZ
NORTHERN NATURAL GAS COMPANY
8101 BIRCHWOOD CT., SUITE F
JOHNSTON, IA 50131
PHONE: 402-530-2026
EMAIL: SERGIO.GONZALEZ@NNGCO.COM

RICHLAND ELECTRIC COOPERATIVE - ELECTRICITY
LARRY HALLETT
RICHLAND ELECTRIC COOPERATIVE
1027 N JEFFERSON
P.O. BOX 439
RICHLAND CENTER, WI 53581
PHONE: 608-647-3173
EMAIL: LHALLETT@REC.COOP

RICHLAND GRANT TELEPHONE COOPERATIVE - COMMUNICATION LINE
JOHN BARTZ
RICHLAND GRANT TELEPHONE COOPERATIVE
202 N EAST ST
P.O. BOX 67
BLUE RIVER, WI 53518
PHONE: 608-537-2461
EMAIL: JBARTZ@MWT.NET

OTHER CONTACTS

WISDOT SOUTHEAST REGION
FRANK PRITZLAFF
WISDOT PROJECT MANAGER
141 NW BARSTOW ST
PO BOX 798
WAUKESHA, WI 53187
PHONE: 262-548-5683
EMAIL: FRANK.PRITZLAFF@DOT.WI.GOV

ENVIRONMENTAL COORDINATOR
ANDREW BARTA
WISCONSIN DNR LIAISON
3911 FISH HATCHERY RD
FITCHBURG WI 53711
PHONE: 608-275-3308
EMAIL: ANDREW.BARTA@WISCONSIN.GOV

RICHLAND COUNTY SHERIFF
JAMES BINDL
RICHLAND COUNTY SHERIFF
181 W SEMINARY ST
RICHLAND CENTER, WI 53581
PHONE: 608-647-8906
EMAIL: JAMES.BINDL@CO.RICHLAND.WI.US

RICHLAND COUNTY
ROGER PETRICK
RICHLAND COUNTY HIGHWAY COMISSIONER
120 BOWEN CIRCLE
RICHLAND CENTER, WI 53581
PHONE: 608-647-4707
EMAIL: ROGER.PETRICK@CO.RICHLAND.WI.US

BLUE RIVER JOINT FIRE DISTRICT
JUSTIN DEGENHARDT
BLUE RIVER JOINT FIRE DISTRICT CHIEF
201 EXCHANGE ST
BLUE RIVER, WI 53518
PHONE: 608-537-2357
EMAIL: BRFIRE@MWT.NET

MUSCODA JOINT FIRE DISTRICT
JEFF HACKL
MUSCODA JOINT FIRE & RESCUE CHIEF
701 N WISCONSIN AVE
MUSCODA, WI 53573
PHONE: 608-739-3006
EMAIL: MFD663@CENTURYTEL.NET

EAGLE TOWNSHIP
BRIAN MCGRAW
EAGLE TOWNSHIP CHAIRMAN
20273 EFFIGY MOUNDS LN
MUSCODA, WI 53573
PHONE: 608-739-3592

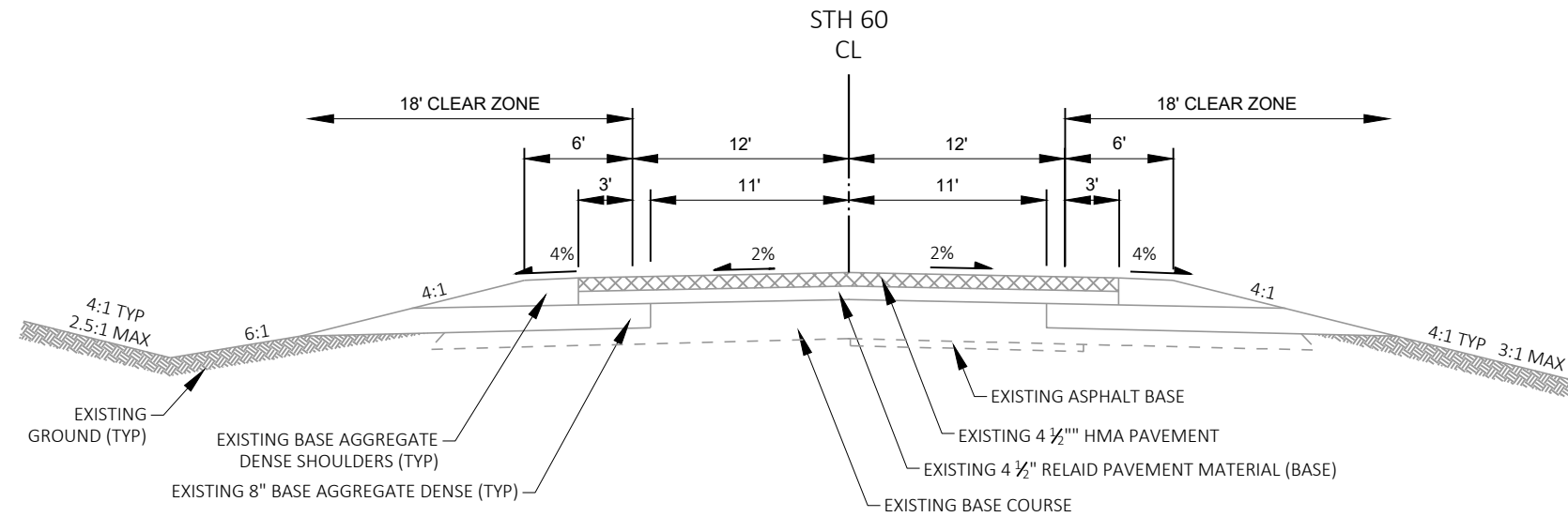
RICHWOOD TOWNSHIP
JESSE ZIMPEL
RICHWOOD TOWNSHIP CHAIRMAN
30160 MISTI LN
BLUE RIVER, WI 53518
PHONE: 608-537-2910



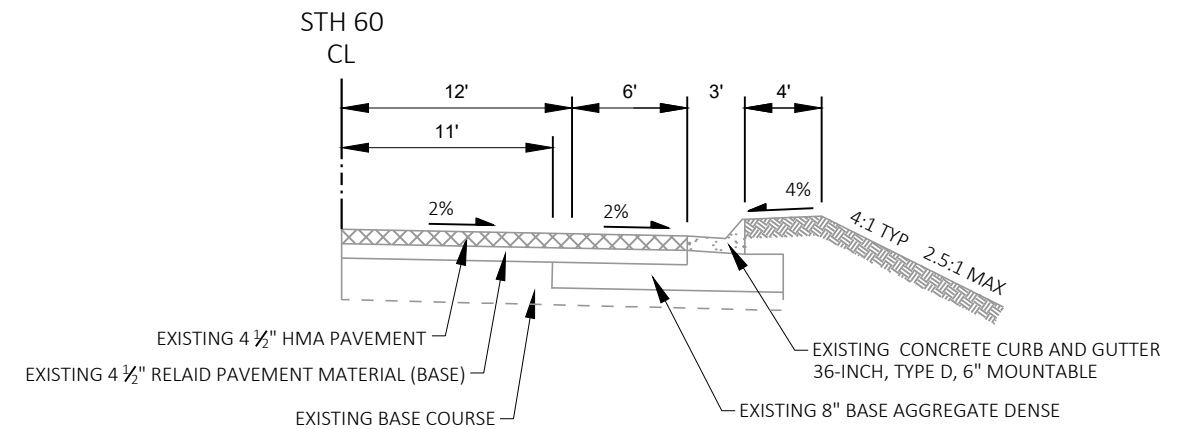
Dial  or (800)242-8511
www.DiggersHotline.com



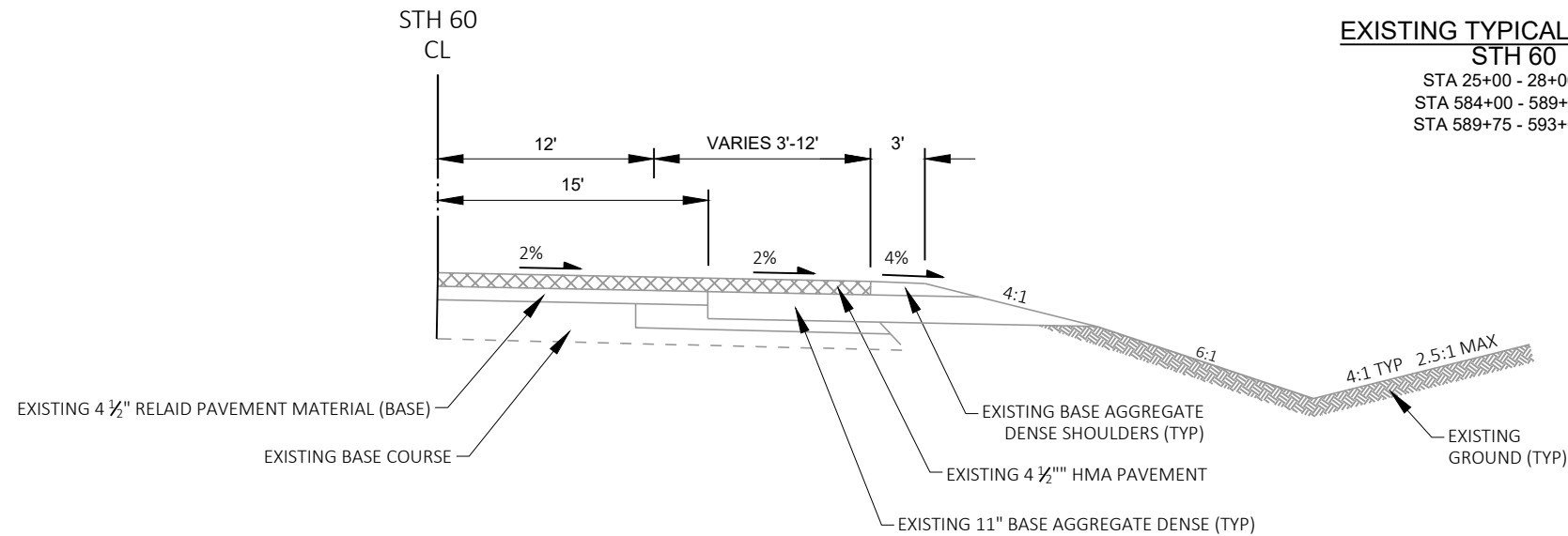
PROJECT NO: 5190-00-70	HWY: 60	COUNTY: RICHLAND	PROJECT OVERVIEW	SHEET 4	E
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**EXISTING TYPICAL SECTION****STH 60**

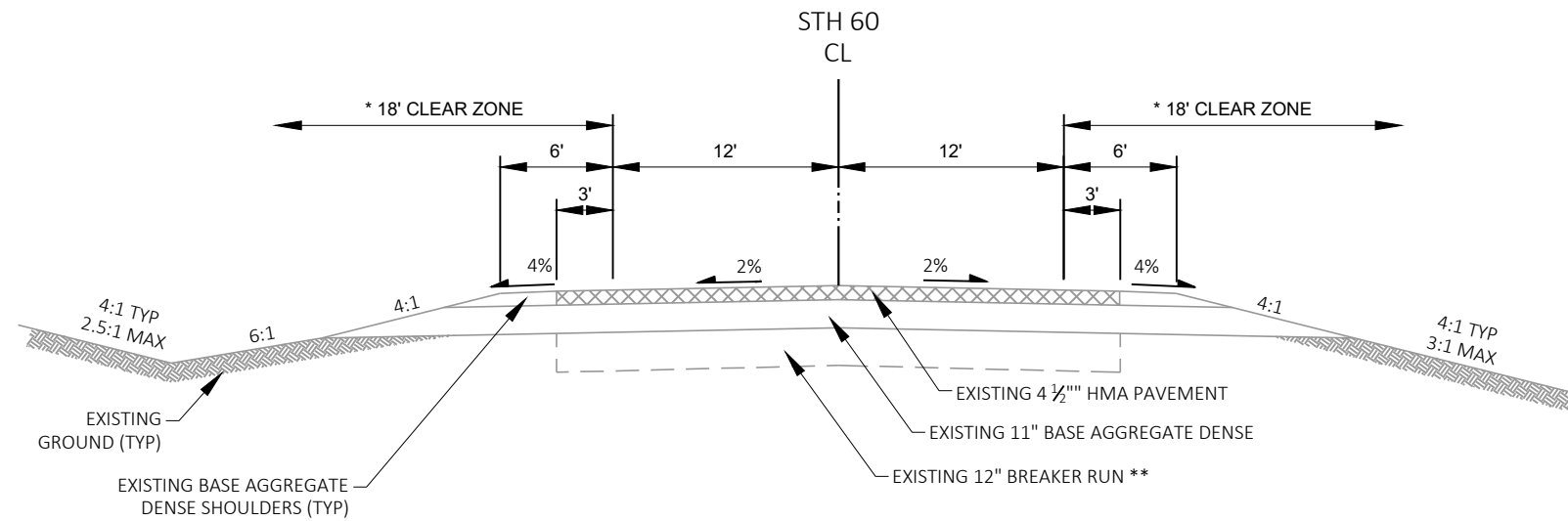
STA 22+08 - 33+87.57
STA 34+89.89 - 44+50
STA 62+00 - 73+25
STA 100+00 - 104+50
STA 125+00 - 130+50
STA 135+50 - 174+00
STA 208+00 - 213+84.70
STA 581+00 - 615+33.70
STA 616+28.03 - 625+67.11

**EXISTING TYPICAL SECTION****STH 60**

STA 25+00 - 28+00 RT
STA 584+00 - 589+00 LT
STA 589+75 - 593+00 RT

**EXISTING TYPICAL RIGHT TURN LANE SECTION****STH 60**

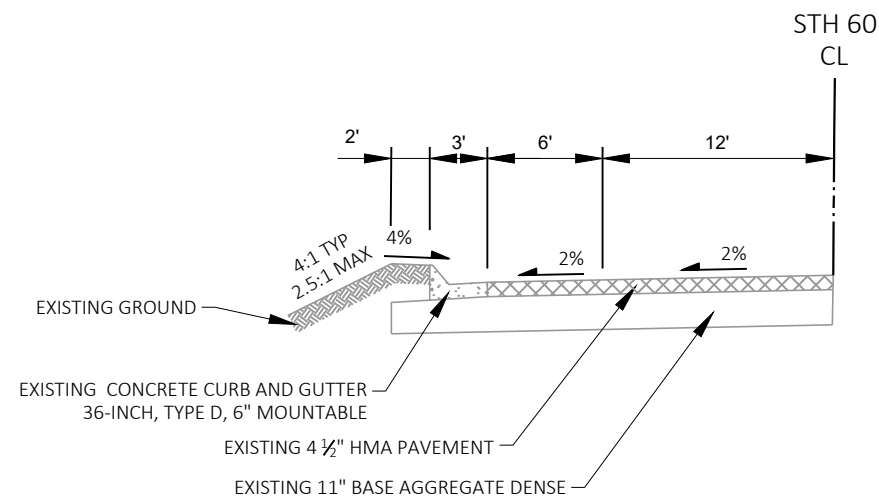
CTH W
CTH F
CTH T
CTH X
BOAT LANDING



**EXISTING TYPICAL SECTION
STH 60**

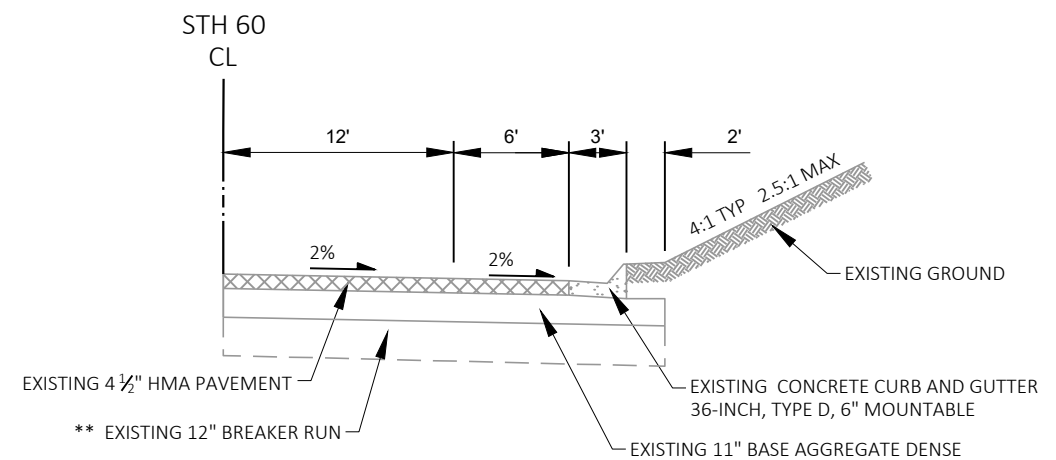
STA 44+50 - 62+00
* STA 73+25 - 100+00
STA 104+50 - 125+00
STA 130+50 - 135+50
STA 174+00 - 191+00
STA 194+50 - 195+75
STA 539+90.23 - 576+50

NOTES:
* 30' CLEAR ZONE: STA 73+25 - 100+00
** 12" BREAKER RUN FROM: STA 50+00 - 61+00
STA 85+00 - 89+00
STA 112+00 - 119+00
STA 182+00 - 185+00



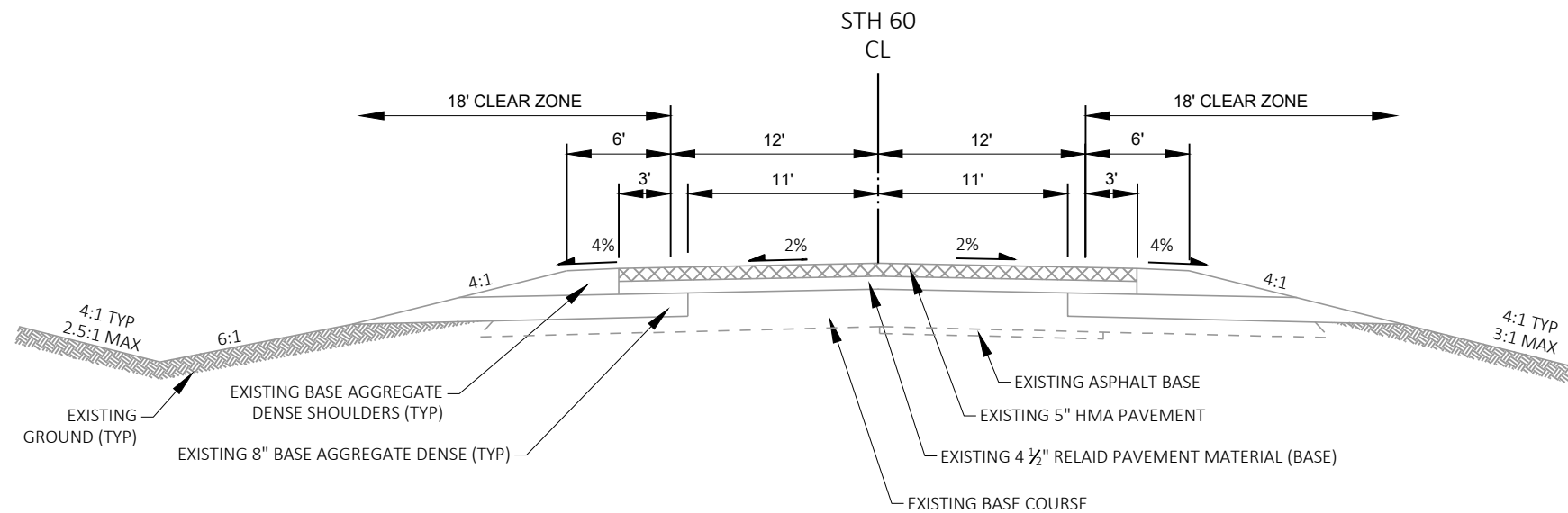
**EXISTING TYPICAL SECTION
STH 60**

STA 132+50 - 135+50 LT

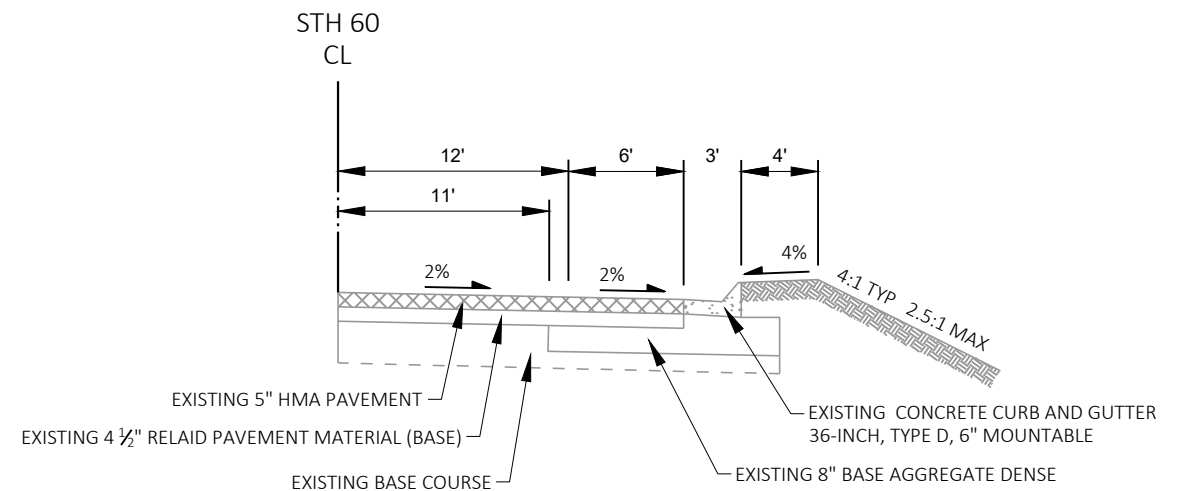


**EXISTING TYPICAL SECTION
STH 60**

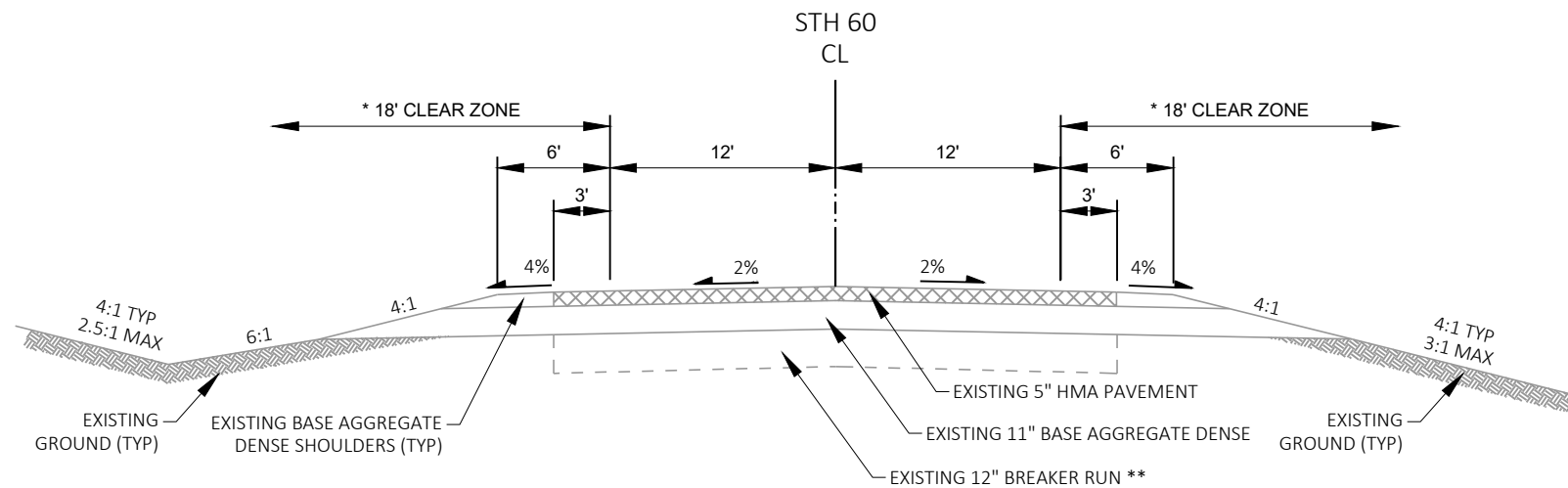
STA 76+50 - 82+75 RT
STA 111+00 - 115+75 LT
STA 182+00 - 186+00 RT
STA 188+75 - 190+75 LT

**EXISTING TYPICAL SECTION****STH 60**

STA 213+84.70 - 245+50
STA 316+00 - 318+72.33
STA 319+35.23 - 329+20
STA 363+50 - 393+00
STA 418+30 - 426+12
STA 430+92 - 445+84
STA 459+52 - 478+42
STA 484+32 - 519+00

**EXISTING TYPICAL SECTION****STH 60**

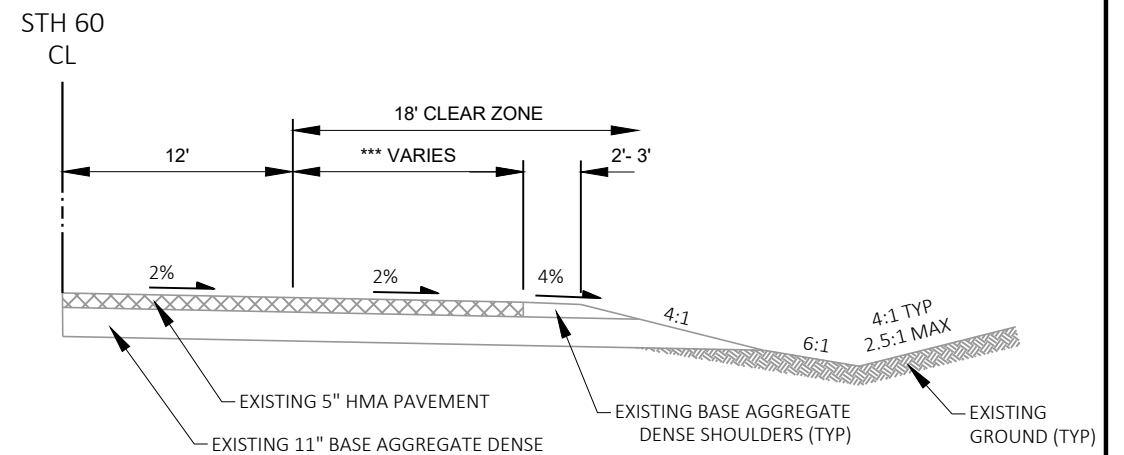
STA 248+15.37 - 249+25 RT
STA 332+00 - 337+00 LT

**EXISTING TYPICAL SECTION****STH 60**

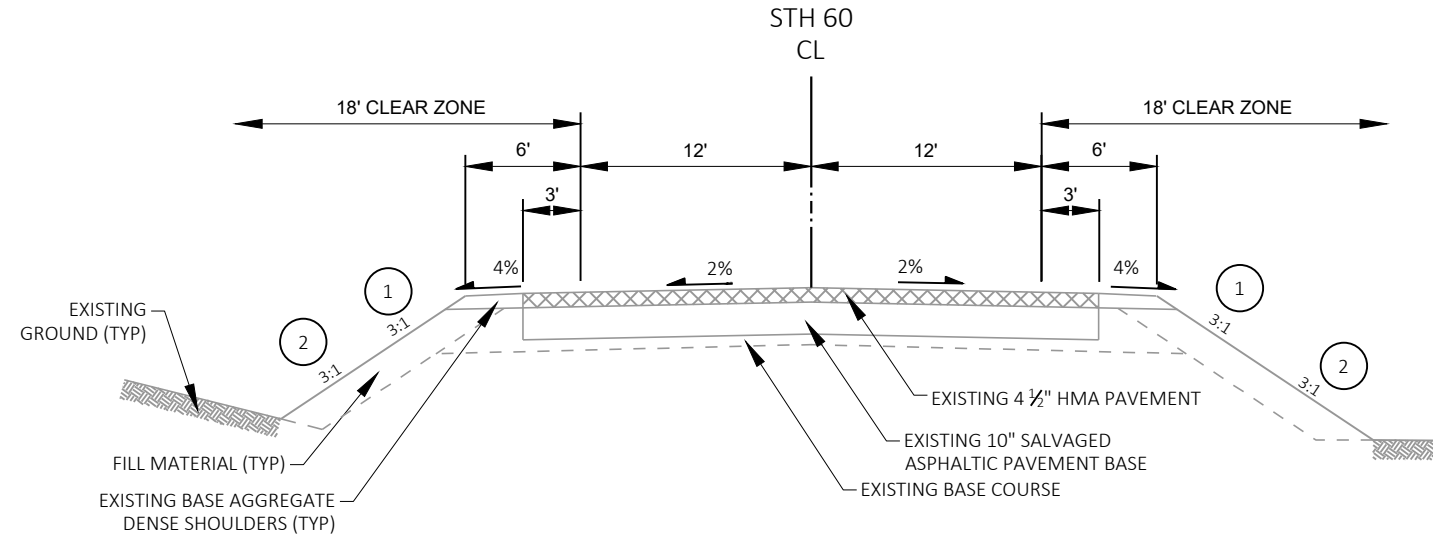
* STA 245+50 - 308+75
* STA 329+20 - 363+50
STA 393+00 - 418+30
STA 426+12 - 430+92
STA 445+84 - 459+52
STA 478+42 - 484+32
STA 519+00 - 539+90.23

NOTES:
* 30' CLEAR ZONE: STA 245+50 - 308+75
STA 329+20 - 363+50
** 12" BREAKER RUN FROM: STA 246+00 - 259+00
STA 264+50 - 270+25
STA 288+00 - 297+00
STA 330+50 - 339+25
STA 355+00 - 363+00
STA 399+00 - 404+50
STA 412+00 - 417+00
STA 427+00 - 430+00
STA 449+50 - 453+50
STA 522+00 - 531+00

*** WIDTH VARIES 3' -13' FOR BY PASS LANE AND 3'- 12' FUR TURN LANES IN TAPER TRANSITION AREAS.

**EXISTING TYPICAL RIGHT TURN AND BY PASS LANE SECTION****STH 60**

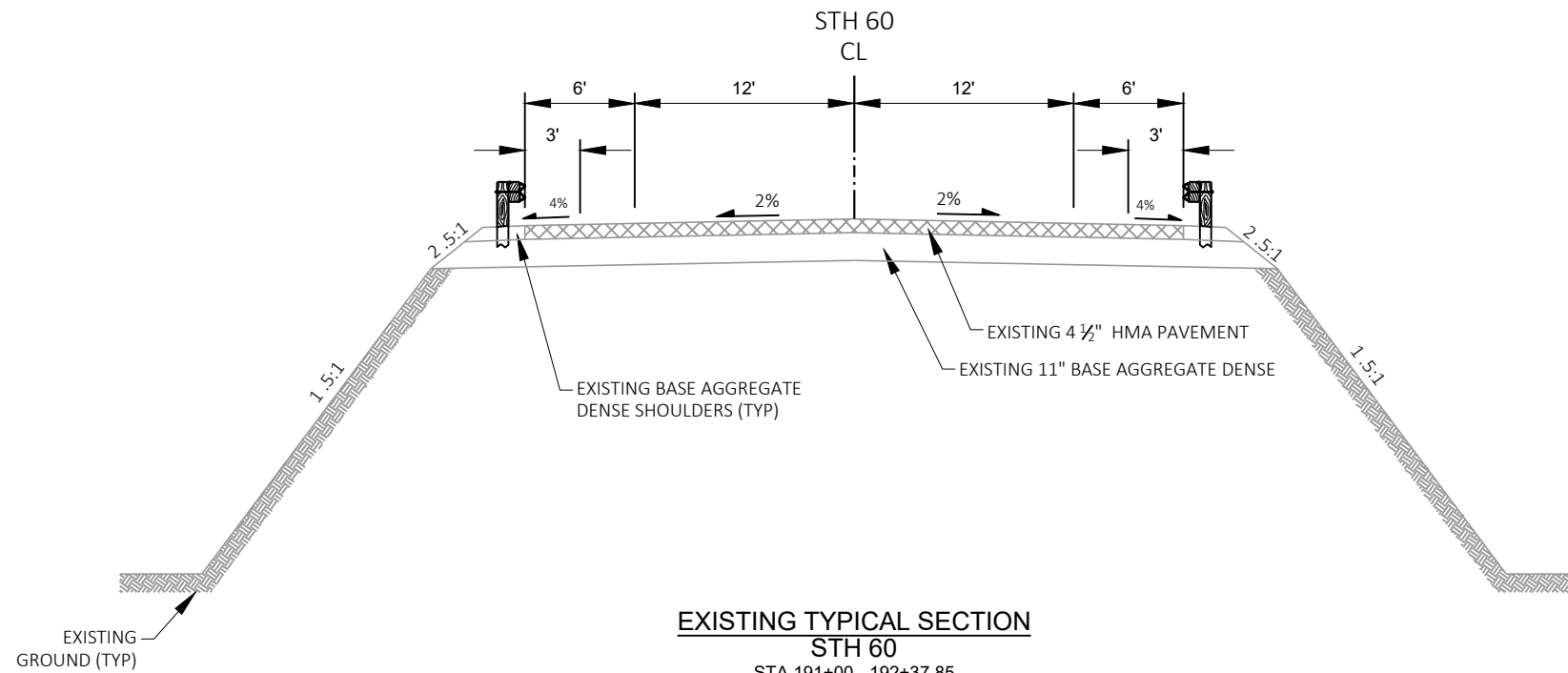
CTH M
CTH E
STH 193 BY PASS LANE
STH 193 RIGHT TURN LANE



EXISTING TYPICAL SECTION
STH 60
STA 195+75 - 208+00

NOTES:

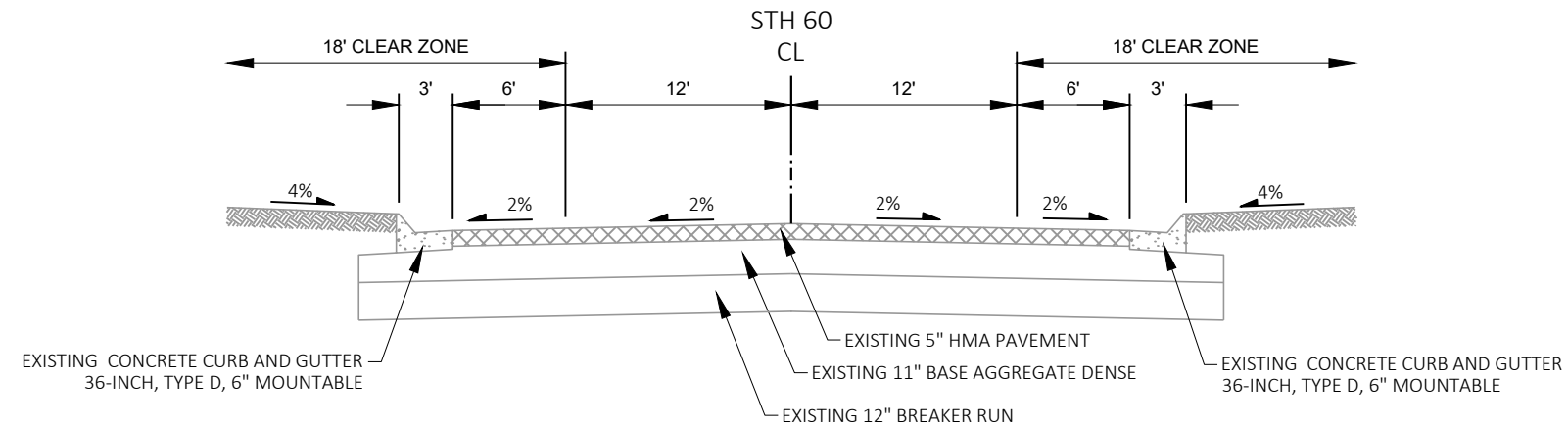
- 1 SLOPES ARE 2.5:1 FROM:
STA 202+50 - 203+50 LT
STA 200+50 - 204+50 RT
- 2 SLOPES ARE 1.5:1 FROM:
STA 202+50 - 203+50 LT
STA 200+50 - 204+50 RT



EXISTING TYPICAL SECTION
STH 60
STA 191+00 - 192+37.85
STA 192+88.35 - 194+50

BEAM GUARD LOCATIONS:

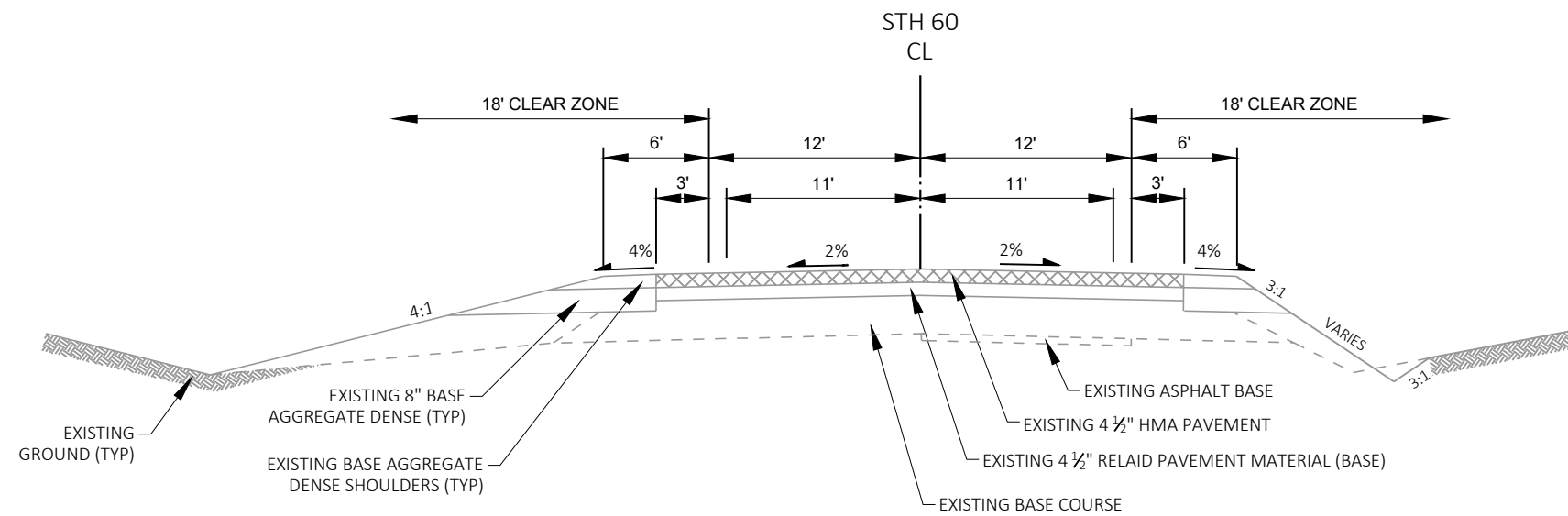
STA 28+42 - 33+87.50 RT
CTH W - STA 33+87.50 LT
STA 34+89.57 - 35+73.50 LT / RT
STA 189+94.45 - 192+37.85 RT
STA 190+95.45 - 192+37.85 LT
STA 192+88.35 - 195+93.25 RT
STA 192+88.35 - 195+05.75 LT
STA 198+50 - 205+00 RT
STA 202+00 - 204+00 LT
CTH T SW QUADRANT
CTH T SE QUADRANT
WAYSIDE
STA 221+00 - 224+50 RT
STA 231+00 - 236+00 RT
STA 231+00 - 232+50 LT
STA 303+84 - 306+46.50 RT
STA 304+21.50 - 306+84 LT
STA 317+92 - 318+72.23 RT/LT
STA 319+35.23 - 320+16 RT/LT
STA 344+54 - 347+66.50 RT
STA 344+79 - 347+91.50 LT
STA 605+50 - 615+33.70 RT
STA 616+28.03 - 617+08.50 RT
STA 614+00 - 615+33.70 LT
STA 616+28.03 - 617+08.50 LT



EXISTING TYPICAL SECTION

STH 60

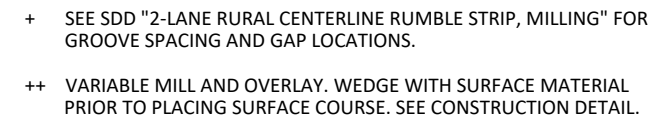
STA 308+75 - 316+00



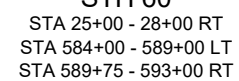
EXISTING TYPICAL SECTION

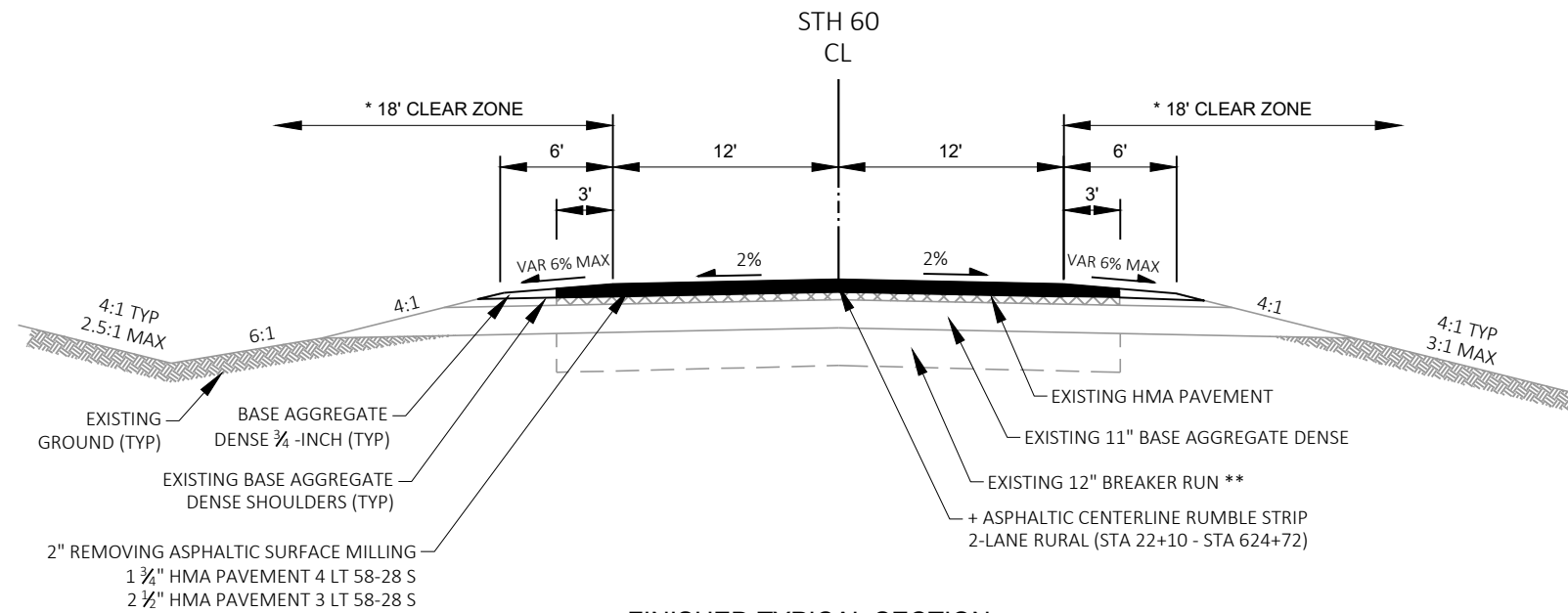
STH 60

STA 576+50 - 581+00



STH 60
STA 22+08 - 33+87.57
STA 34+89.89 - 44+50
STA 62+00 - 73+25
STA 100+00 - 104+50
STA 125+00 - 130+50
STA 135+50 - 174+00
STA 208+00 - 213+84.70
STA 581+00 - 615+33.70
STA 616+28.03 - 625+67.11



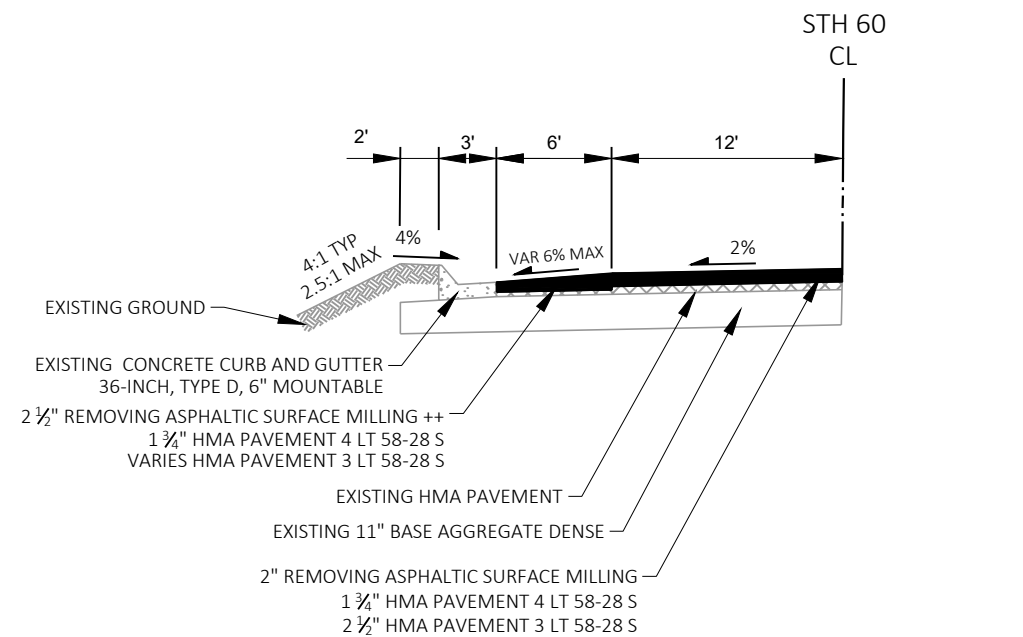
**FINISHED TYPICAL SECTION****STH 60**

STA 44+50 - 62+00
* STA 73+25 - 100+00
STA 104+50 - 125+00
STA 130+50 - 135+50
STA 174+00 - 191+00
STA 194+50 - 195+75
STA 539+90.23 - 576+50

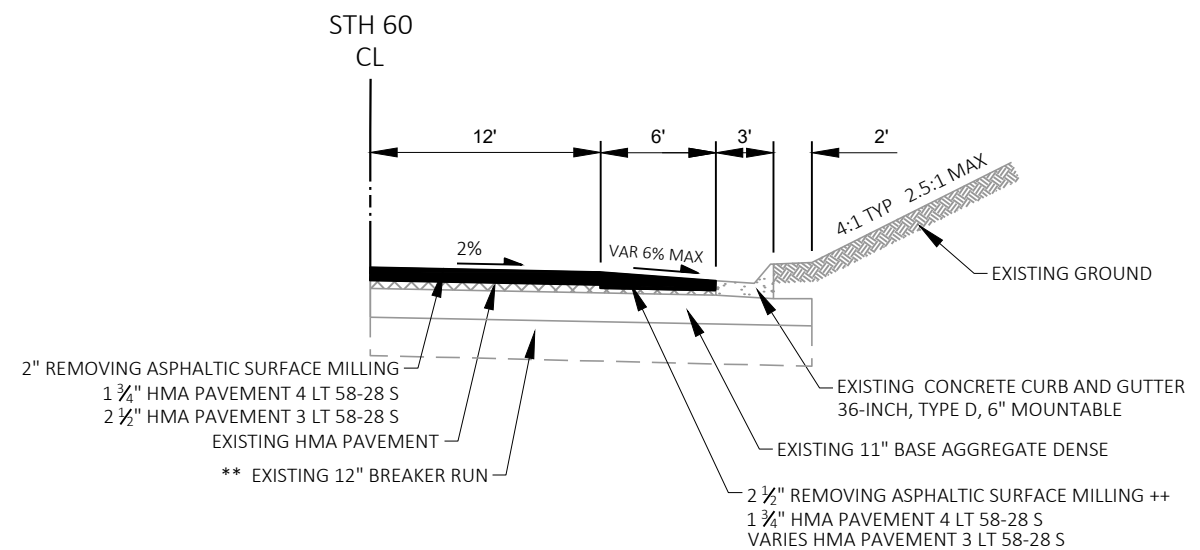
NOTES:
* 30' CLEAR ZONE: STA 73+25 - 100+00
** 12" BREAKER RUN FROM: STA 50+00 - 61+00
STA 85+00 - 89+00
STA 112+00 - 119+00
STA 182+00 - 185+00

+ SEE SDD "2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING" FOR GROOVE SPACING AND GAP LOCATIONS.

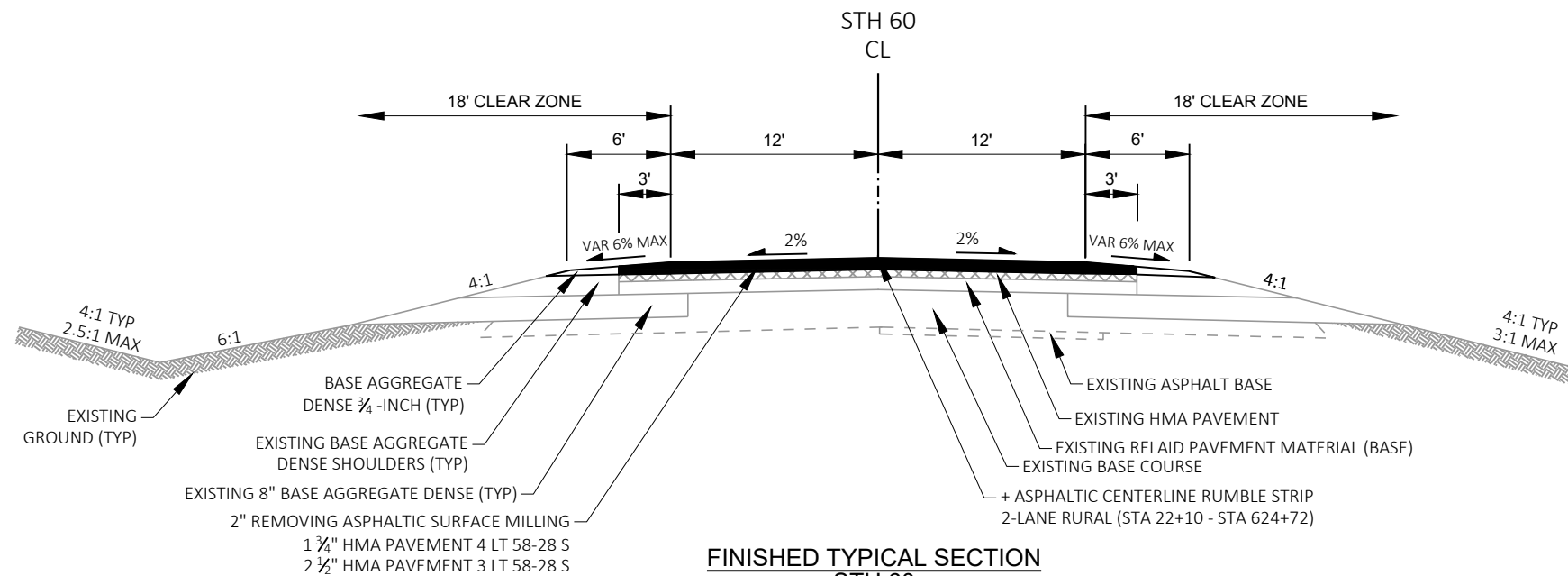
++ VARIABLE MILL AND OVERLAY. WEDGE WITH SURFACE MATERIAL PRIOR TO PLACING SURFACE COURSE. SEE CONSTRUCTION DETAIL.

**FINISHED TYPICAL SECTION****STH 60**

STA 132+50 - 135+50 LT

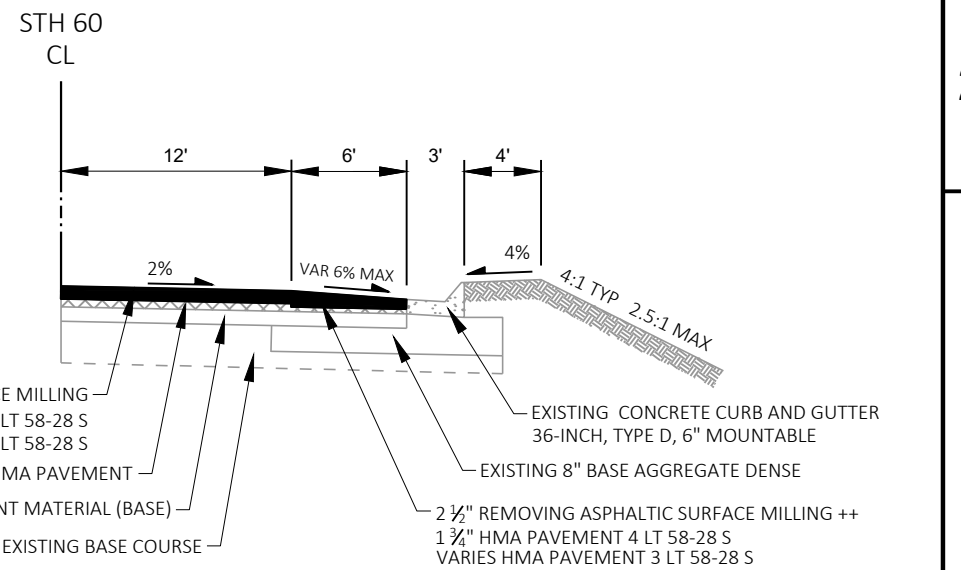
**FINISHED TYPICAL SECTION****STH 60**

STA 76+50 - 82+75 RT
STA 111+00 - 115+75 LT
STA 182+00 - 186+00 RT
STA 188+75 - 190+75 LT

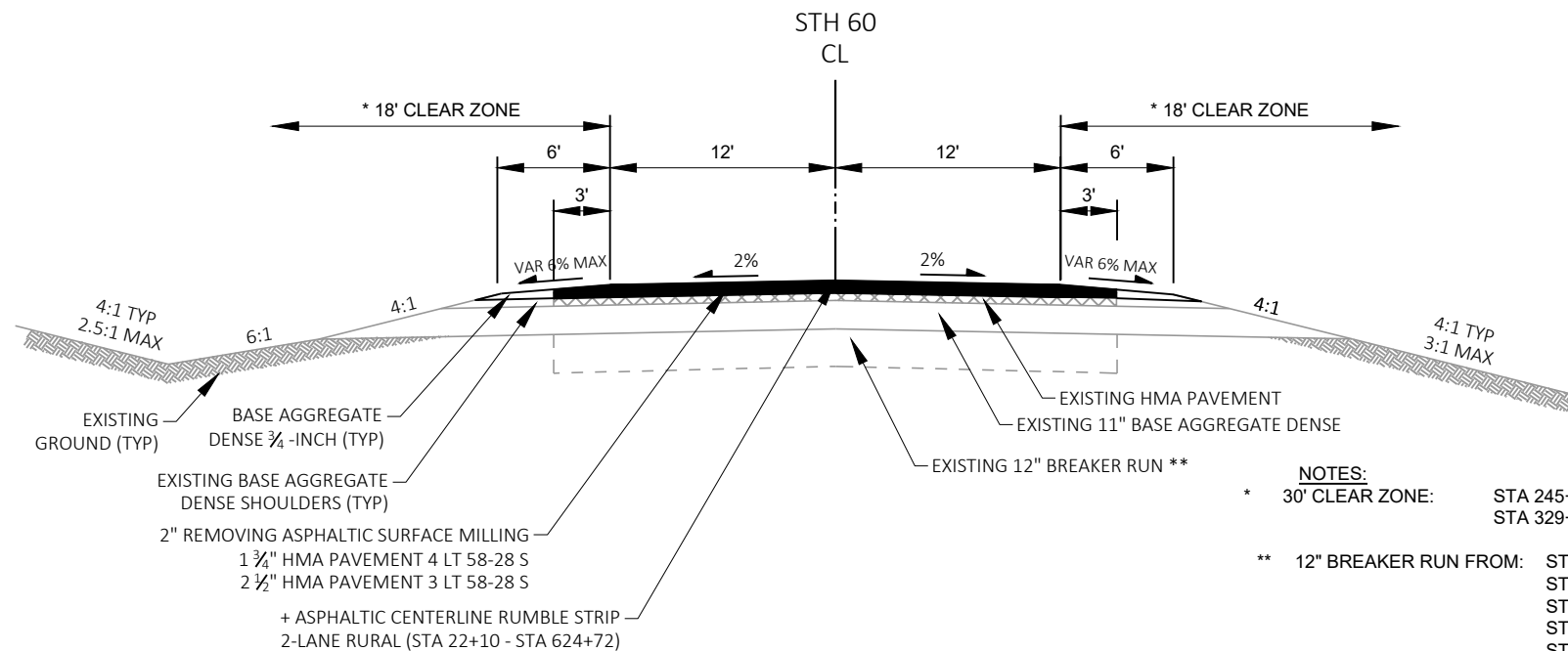
**FINISHED TYPICAL SECTION****STH 60**

STA 213+84.70 - 245+50
STA 316+00 - 318+72.33
STA 319+35.23 - 329+20
STA 363+50 - 393+00
STA 418+30 - 426+12
STA 430+92 - 445+84
STA 459+52 - 478+42
STA 484+32 - 519+00

- + SEE SDD "2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING" FOR GROOVE SPACING AND GAP LOCATIONS.
- ++ VARIABLE MILL AND OVERLAY. WEDGE WITH SURFACE MATERIAL PRIOR TO PLACING SURFACE COURSE. SEE CONSTRUCTION DETAIL.

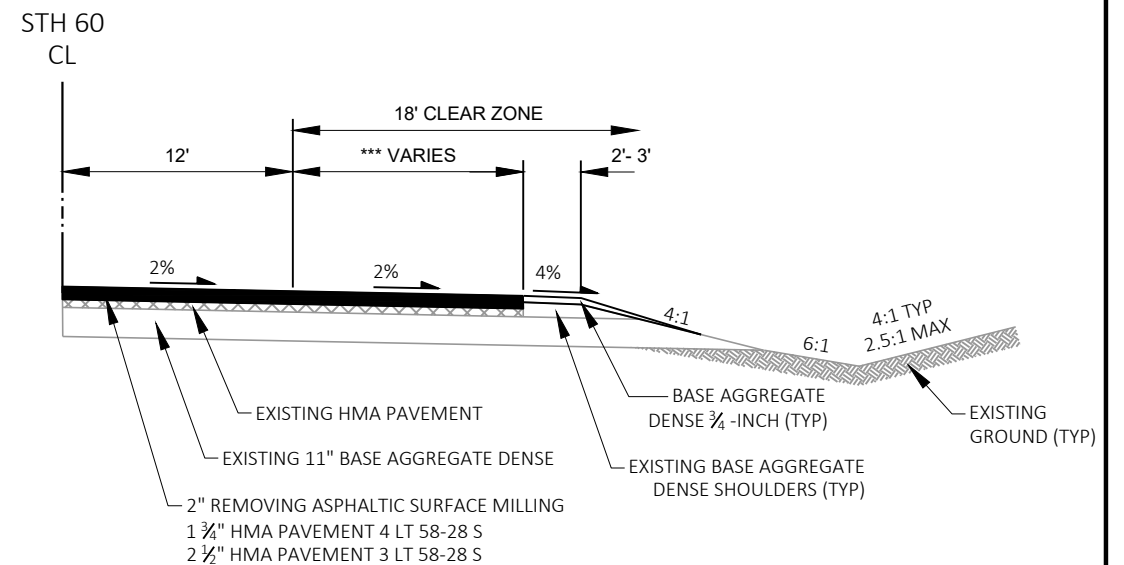
**FINISHED TYPICAL SECTION****STH 60**

STA 248+15.37 - 249+25 RT
STA 332+00 - 337+00 LT

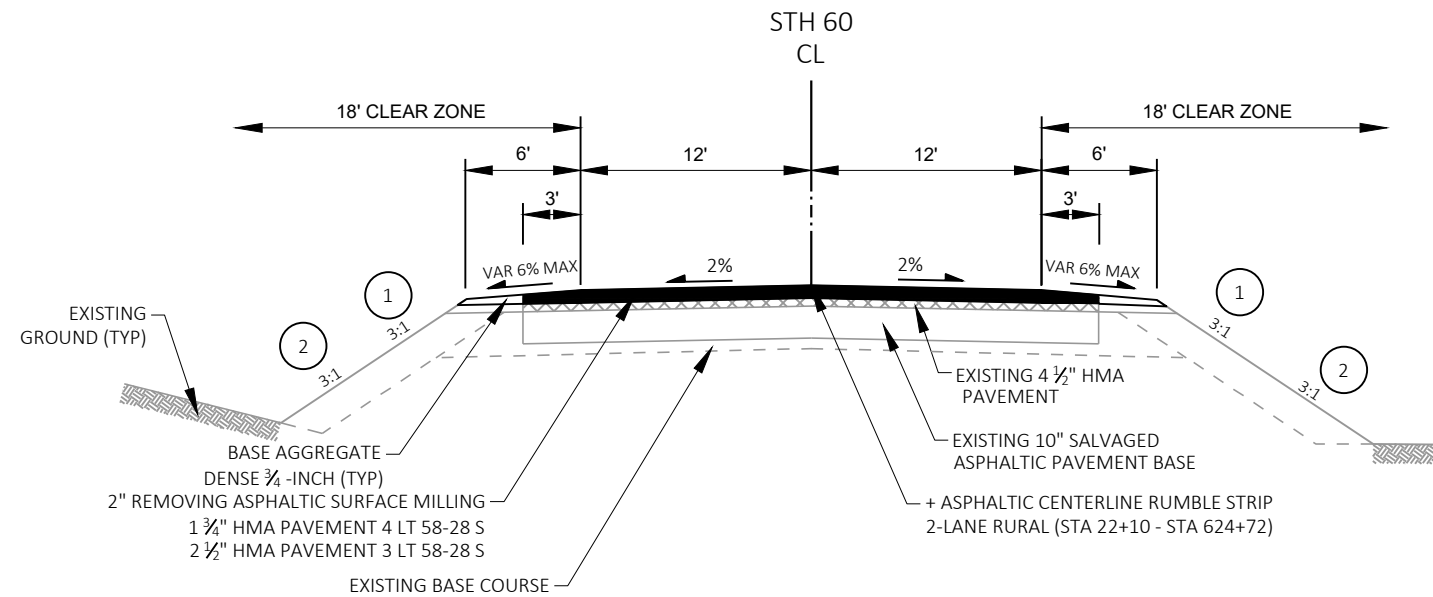
**FINISHED TYPICAL SECTION****STH 60**

* STA 245+50 - 308+75
* STA 329+20 - 363+50
STA 393+00 - 418+30
STA 426+12 - 430+92
STA 445+84 - 459+52
STA 478+42 - 484+32
STA 519+00 - 539+90.23

- NOTES:
- * 30' CLEAR ZONE: STA 245+50 - 308+75
STA 329+20 - 363+50
- ** 12" BREAKER RUN FROM: STA 246+00 - 259+00
STA 264+50 - 270+25
STA 288+00 - 297+00
STA 330+50 - 339+25
STA 355+00 - 363+00
STA 399+00 - 404+50
STA 412+00 - 417+00
STA 427+00 - 430+00
STA 449+50 - 453+50
STA 522+00 - 531+00
- *** WIDTH VARIES 3' -13' FOR BY PASS LANE AND 3'- 12' FOR TURN LANES IN TAPER TRANSITION AREAS.

**FINISHED TYPICAL RIGHT TURN AND BY PASS LANE SECTION****STH 60**

CTH M
CTH E
STH 193 BY PASS LANE
STH 193 RIGHT TURN LANE



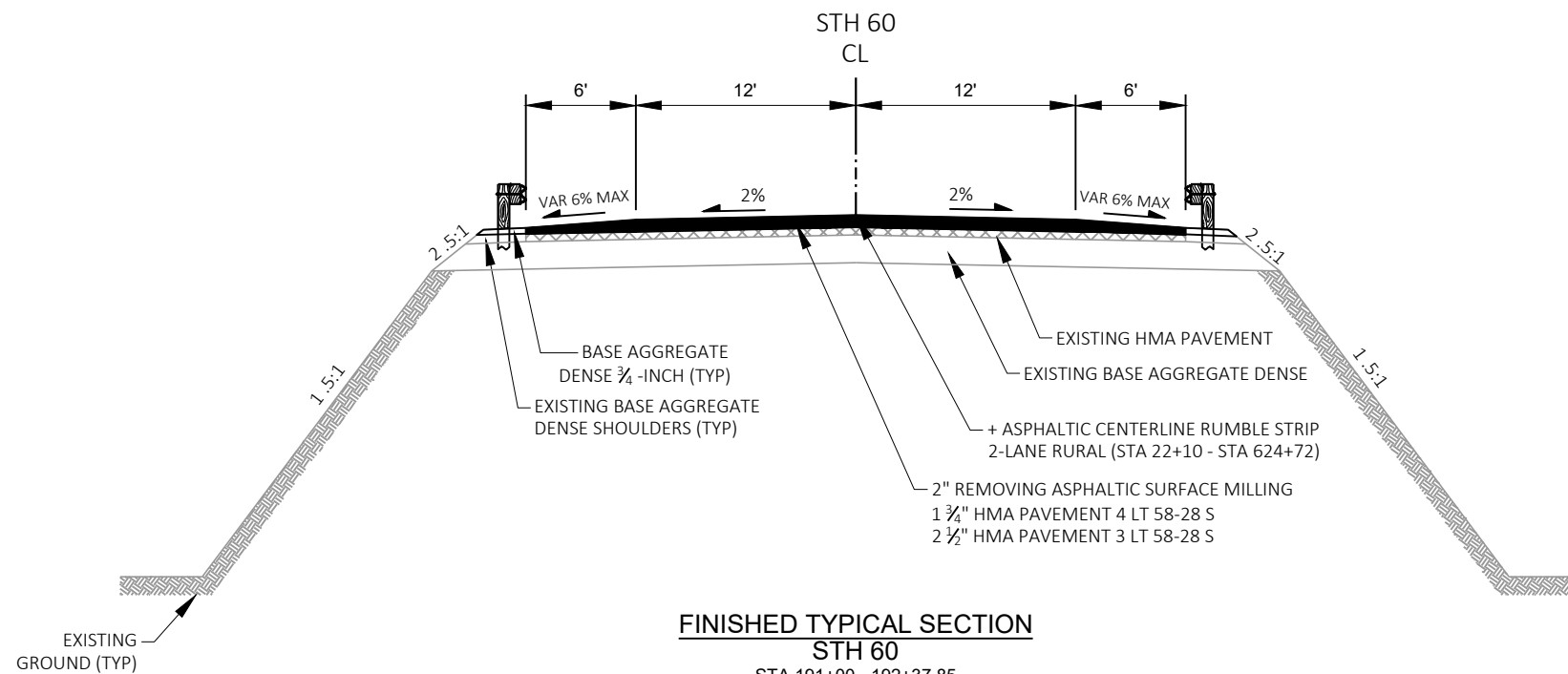
FINISHED TYPICAL SECTION
STH 60

STA 195+75 - 208+00

- + SEE SDD "2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING" FOR GROOVE SPACING AND GAP LOCATIONS.
- ++ VARIABLE MILL AND OVERLAY. WEDGE WITH SURFACE MATERIAL PRIOR TO PLACING SURFACE COURSE. SEE CONSTRUCTION DETAIL.

NOTES:

- 1 SLOPES ARE 2.5:1 FROM:
STA 202+50 - 203+50 LT
STA 200+50 - 204+50 RT
- 2 SLOPES ARE 1.5:1 FROM:
STA 202+50 - 203+50 LT
STA 200+50 - 204+50 RT

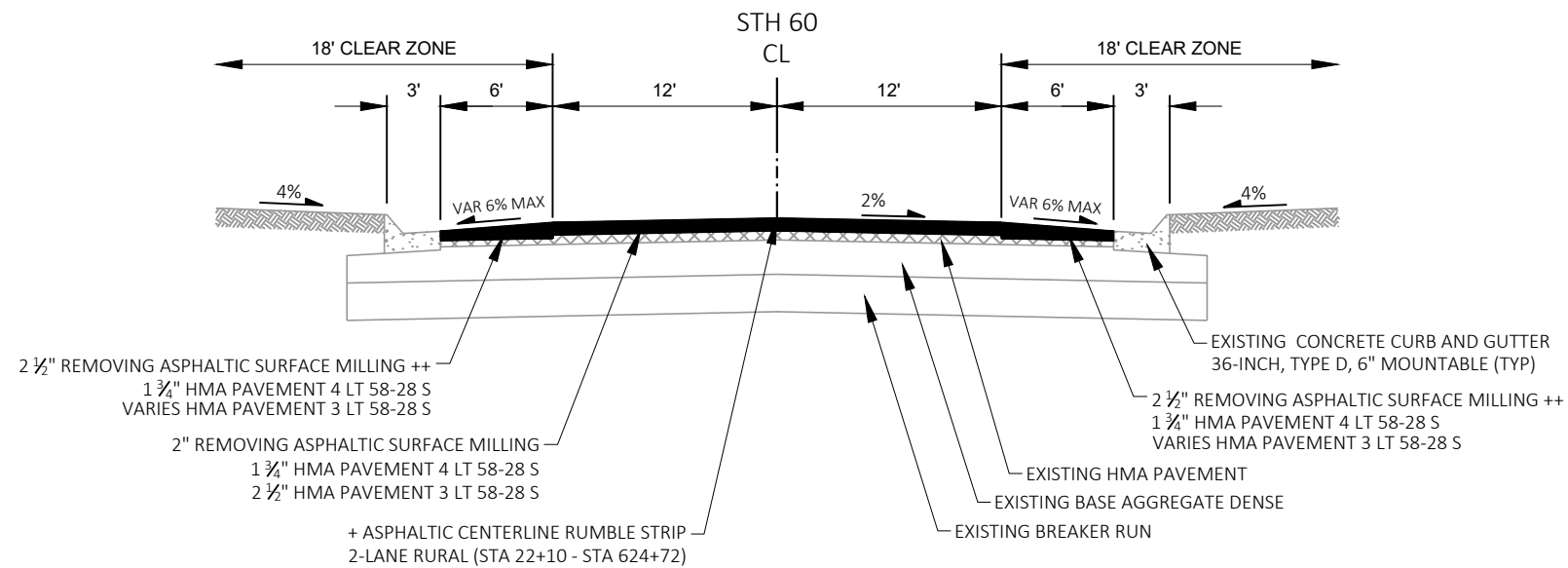


FINISHED TYPICAL SECTION
STH 60

STA 191+00 - 192+37.85
STA 192+88.35 - 194+50

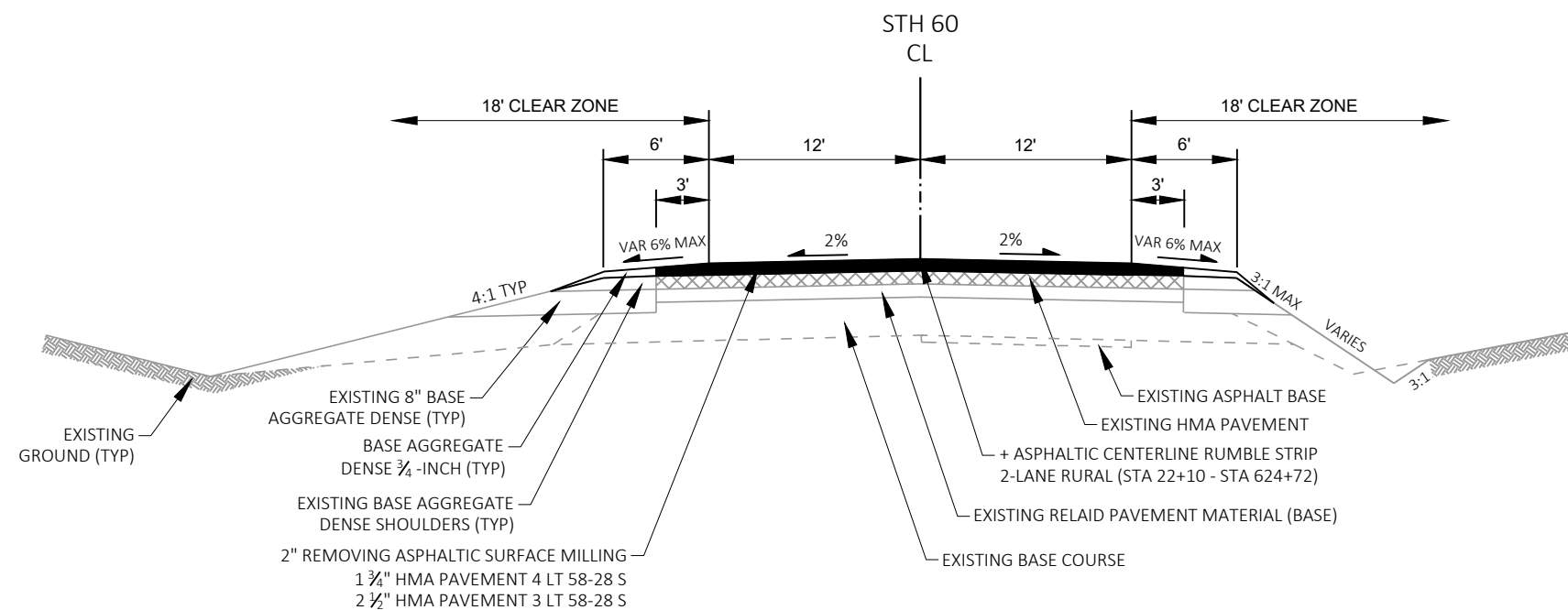
BEAM GUARD LOCATIONS:

STA 28+42 - 33+87.50 RT
CTH W - STA 33+87.50 LT
STA 34+89.57 - 35+73.50 LT / RT
STA 189+94.45 - 192+37.85 RT
STA 190+95.45 - 192+37.85 LT
STA 192+88.35 - 195+93.25 RT
STA 192+88.35 - 195+05.75 LT
STA 198+50 - 205+00 RT
STA 202+00 - 204+00 LT
CTH T SW QUADRANT
CTH T SE QUADRANT
WAYSIDE
STA 221+00 - 224+50 RT
STA 231+00 - 236+00 RT
STA 231+00 - 232+50 LT
STA 303+84 - 306+46.50 RT
STA 304+21.50 - 306+84 LT
STA 317+92 - 318+72.23 RT/LT
STA 319+35.23 - 320+16 RT/LT
STA 344+54 - 347+66.50 RT
STA 344+79 - 347+91.50 LT
STA 605+50 - 615+33.70 RT
STA 616+28.03 - 617+08.50 RT
STA 614+00 - 615+33.70 LT
STA 616+28.03 - 617+08.50 LT

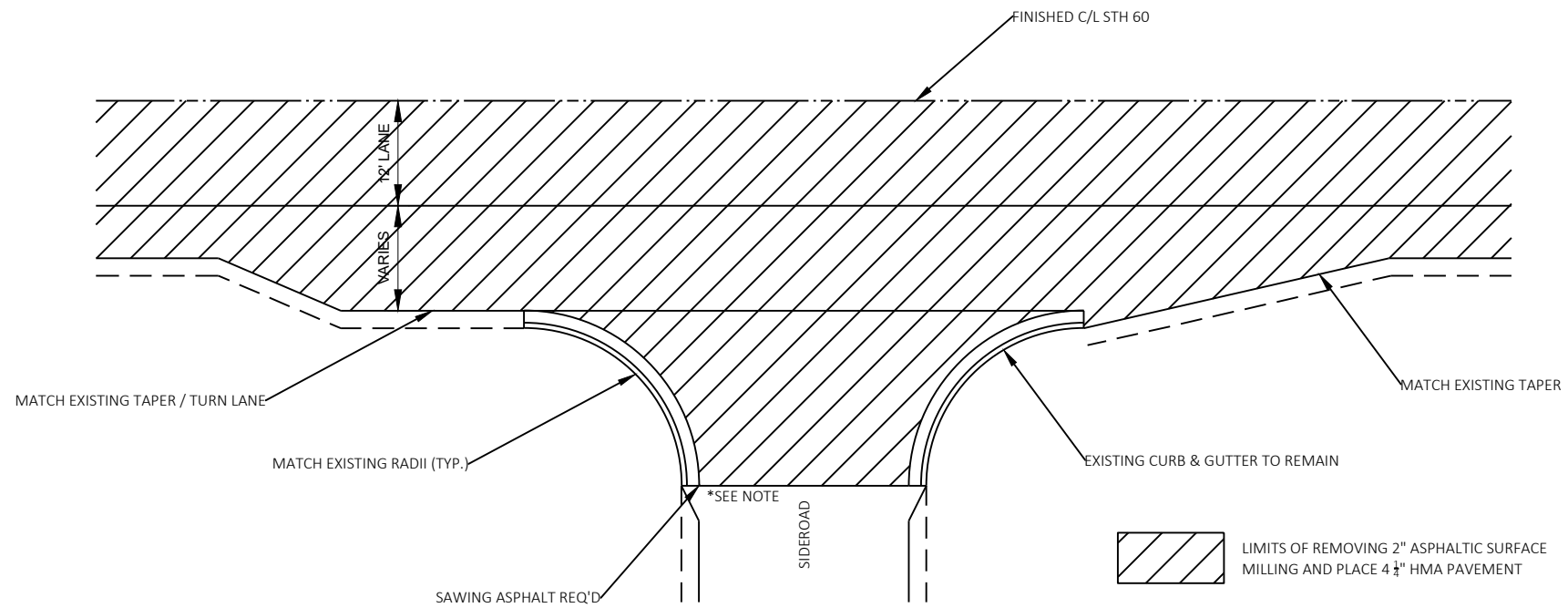
**FINISHED TYPICAL SECTION****STH 60**

STA 308+75 - 316+00

- + SEE SDD "2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING" FOR GROOVE SPACING AND GAP LOCATIONS.
- ++ VARIABLE MILL AND OVERLAY. WEDGE WITH SURFACE MATERIAL PRIOR TO PLACING SURFACE COURSE. SEE CONSTRUCTION DETAIL.

**FINISHED TYPICAL SECTION****STH 60**

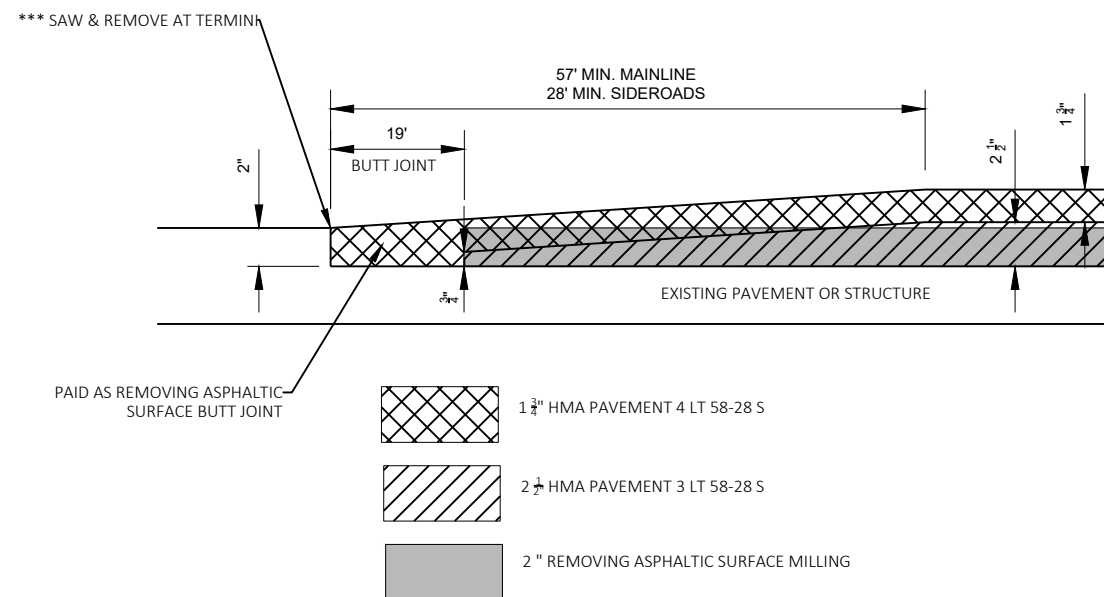
STA 576+50 - 581+00



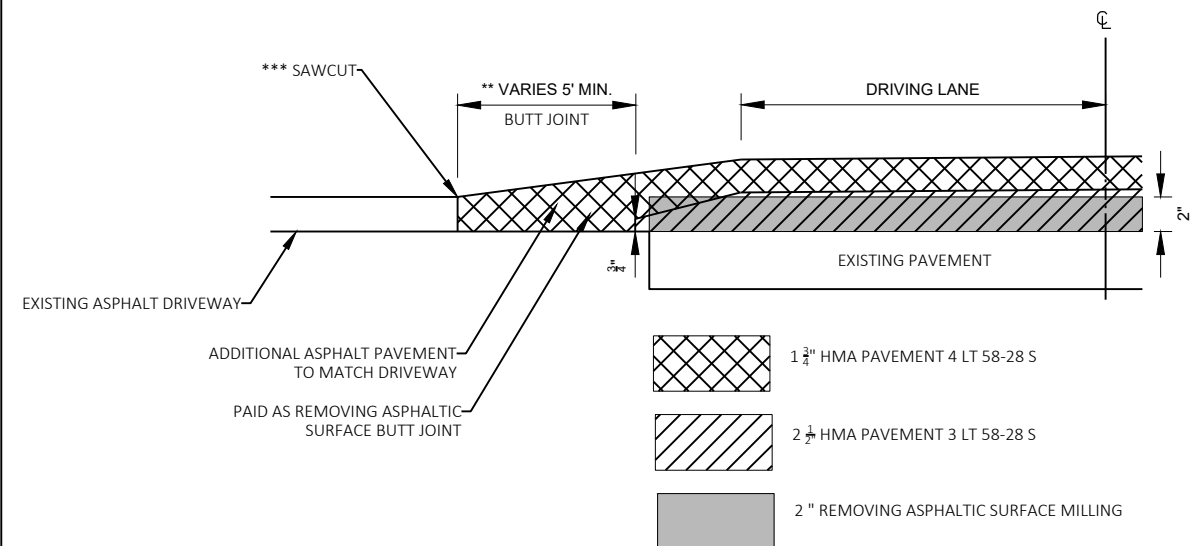
TYPICAL SIDEROAD DETAIL WITH CURB AND GUTTER

NOTES

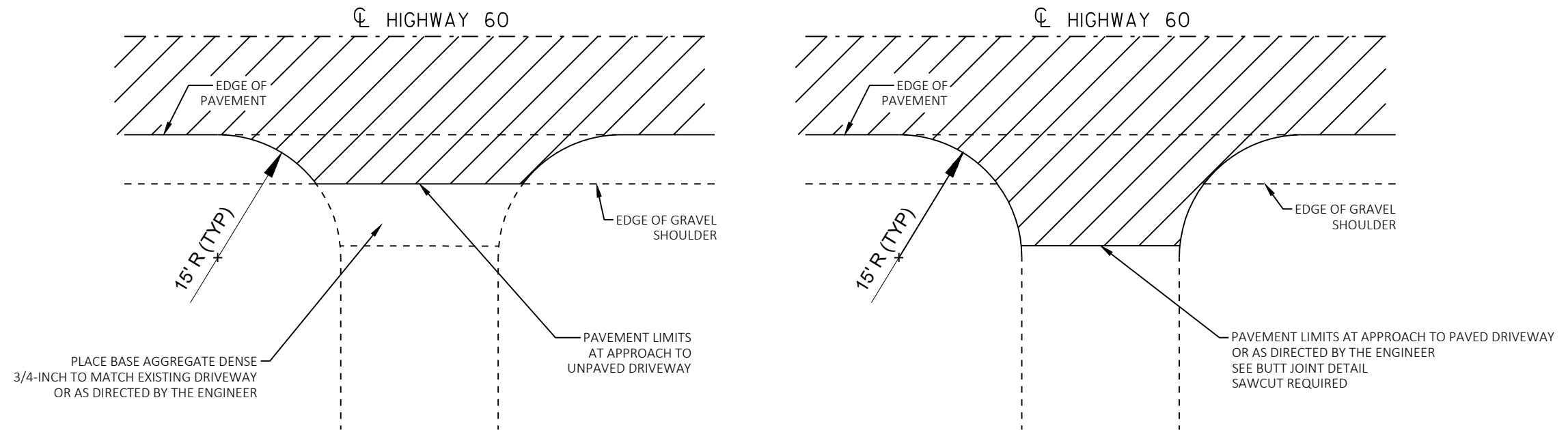
- * MILL TO CURB FARTHEST FROM MAINLINE
- ** TO BE DETERMINED BY THE ENGINEER
- *** ANY SAWCUT USED WILL BE CONSIDERED INCIDENTAL TO THE ITEM "REMOVING ASPHALTIC SURFACE, BUTT JOINT."



BUTT JOINT MAINLINE AND SIDE ROADS



BUTT JOINT RURAL DRIVEWAY



PLAN VIEW

PLAN VIEW

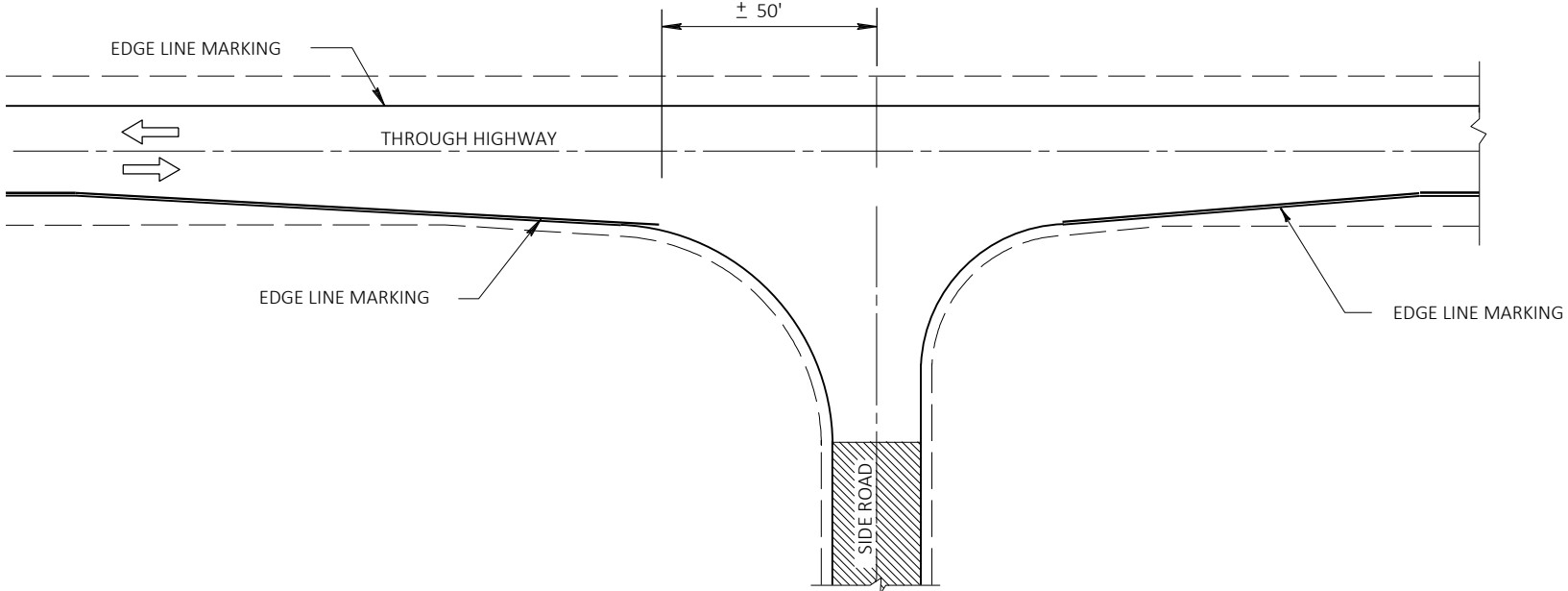
RURAL DRIVEWAY DETAIL RESURFACING LIMITS

NOTE: DRIVEWAY SURFACE TO BE REPLACED IN KIND

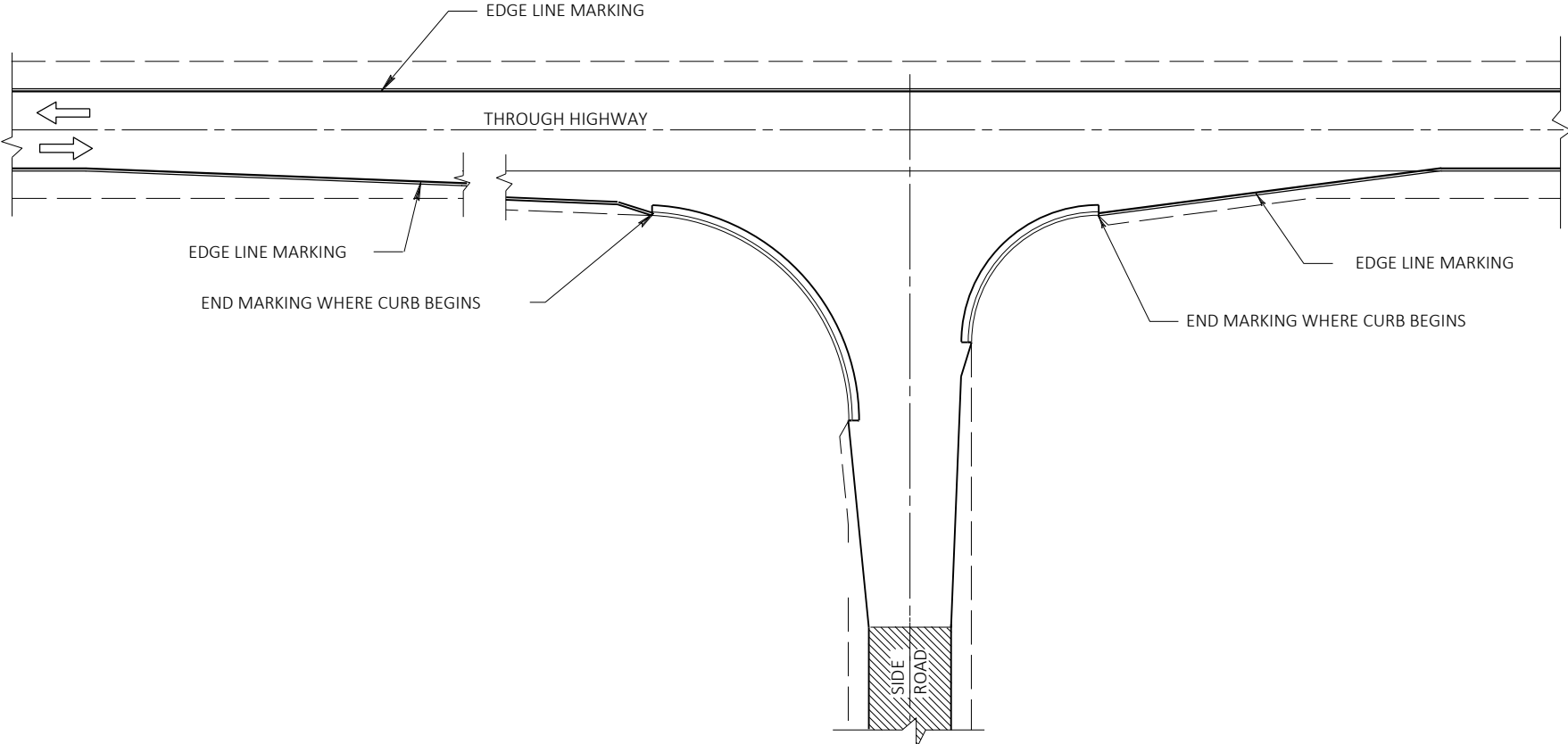


2

2

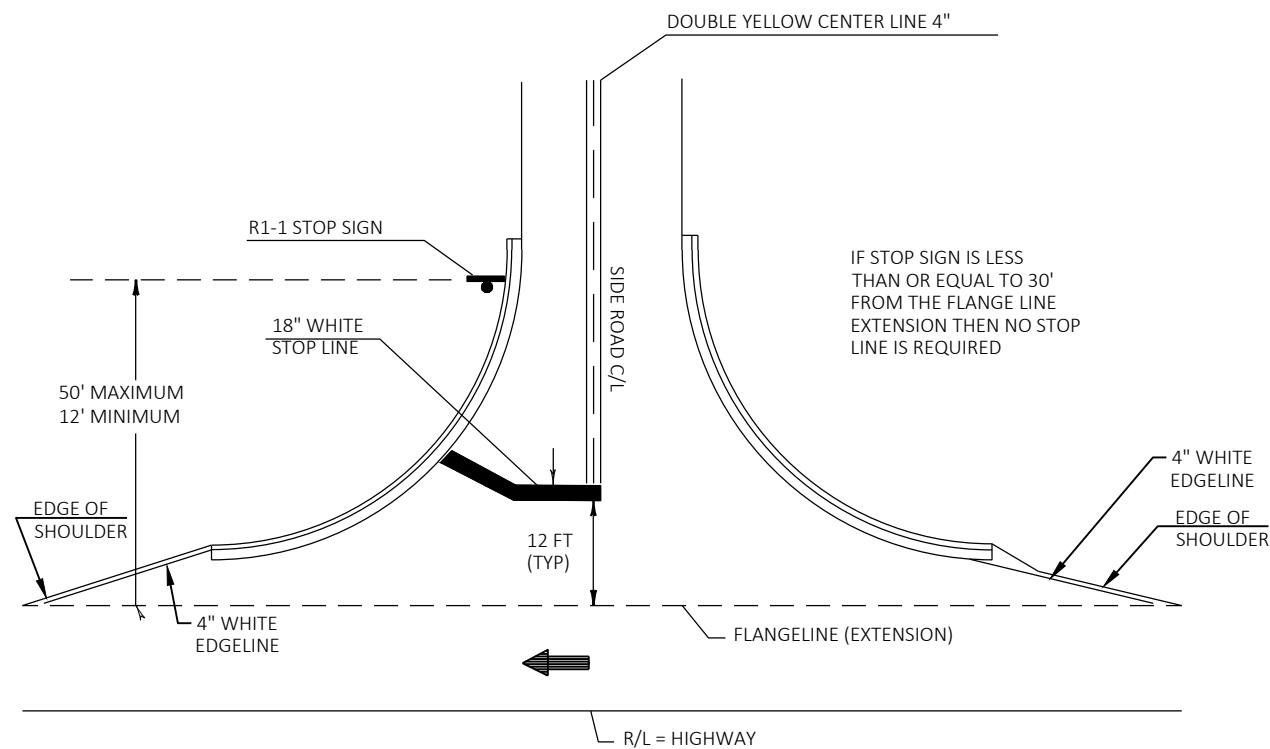


MINOR INTERSECTION WITHOUT CURBS



MINOR INTERSECTION WITH CURB

INTERSECTION PAVEMENT MARKING DETAILS

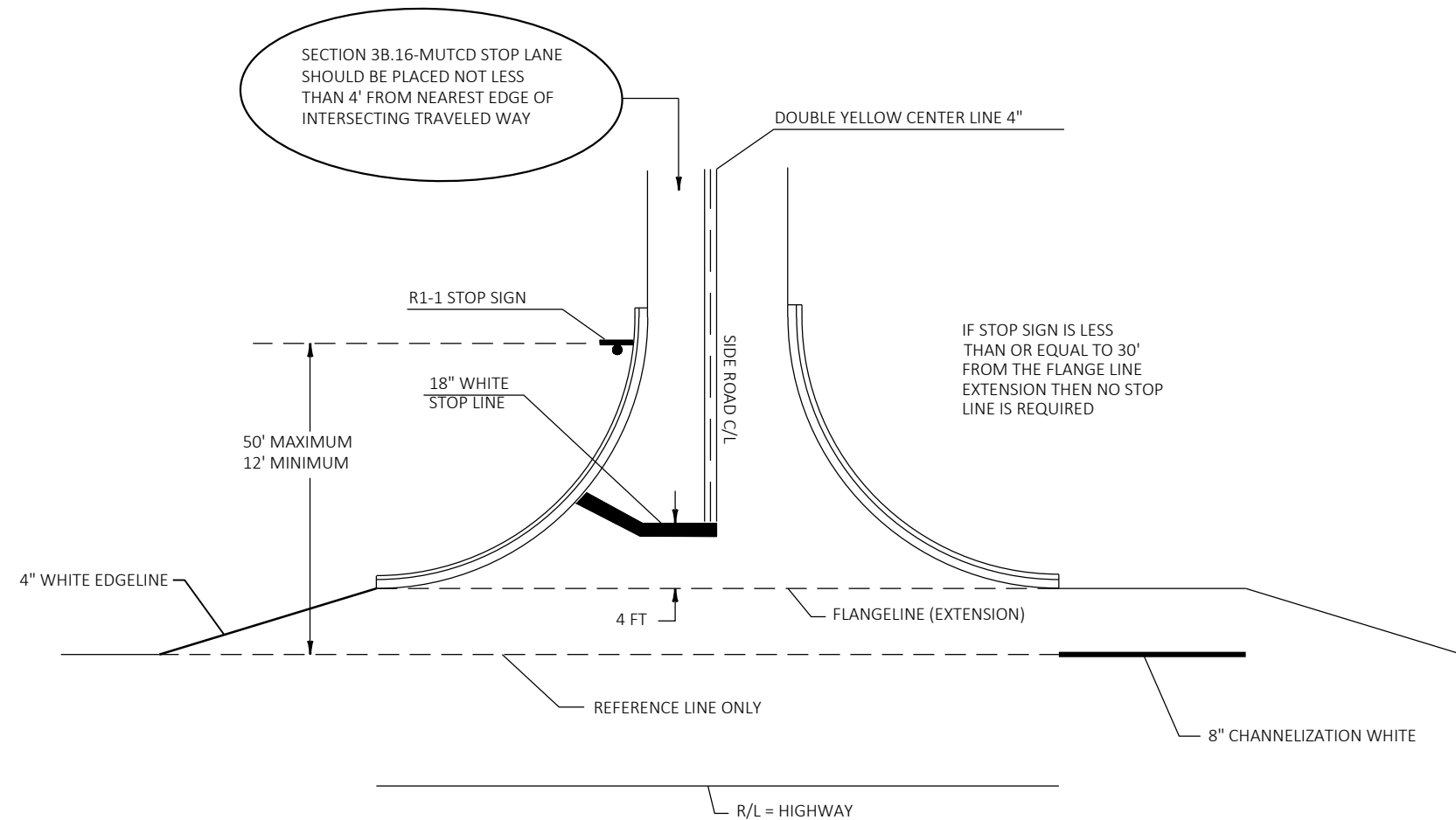


TYPICAL PAVEMENT MARKING FOR SIDEROADS

NOTES:
18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

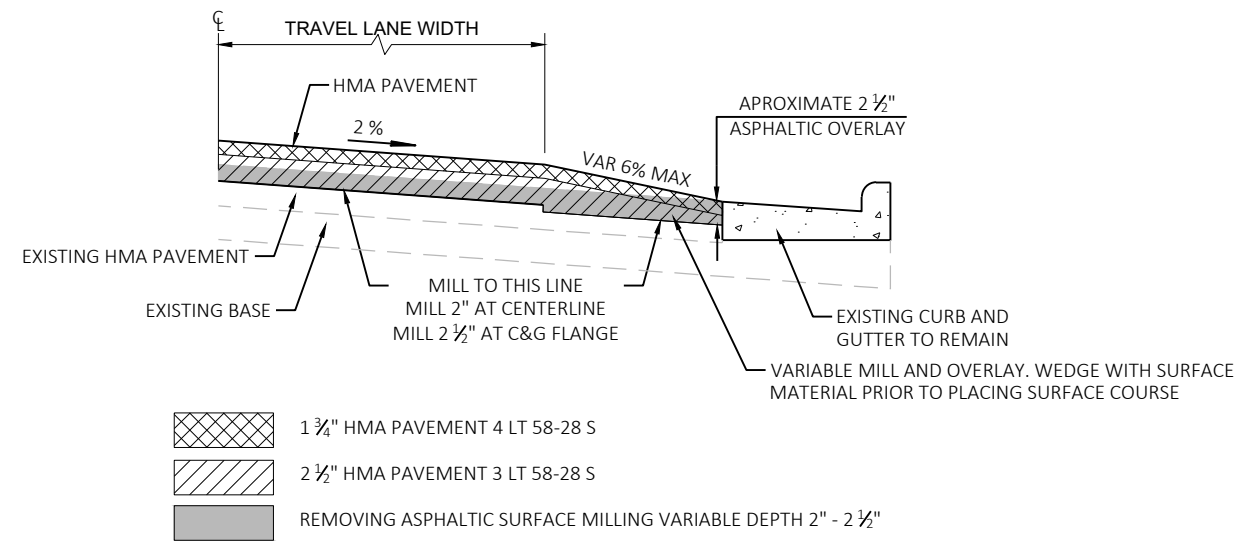
STOP LINES REQUIRED WHERE:

- CROSSWALK MARKINGS EXIST OR BEING PROVIDED
- LARGE RADII
- OFFSET LEFT TURNS WHERE STOP BAR FOR LEFT TURN IS SET BACK FROM THRU MOVEMENT.

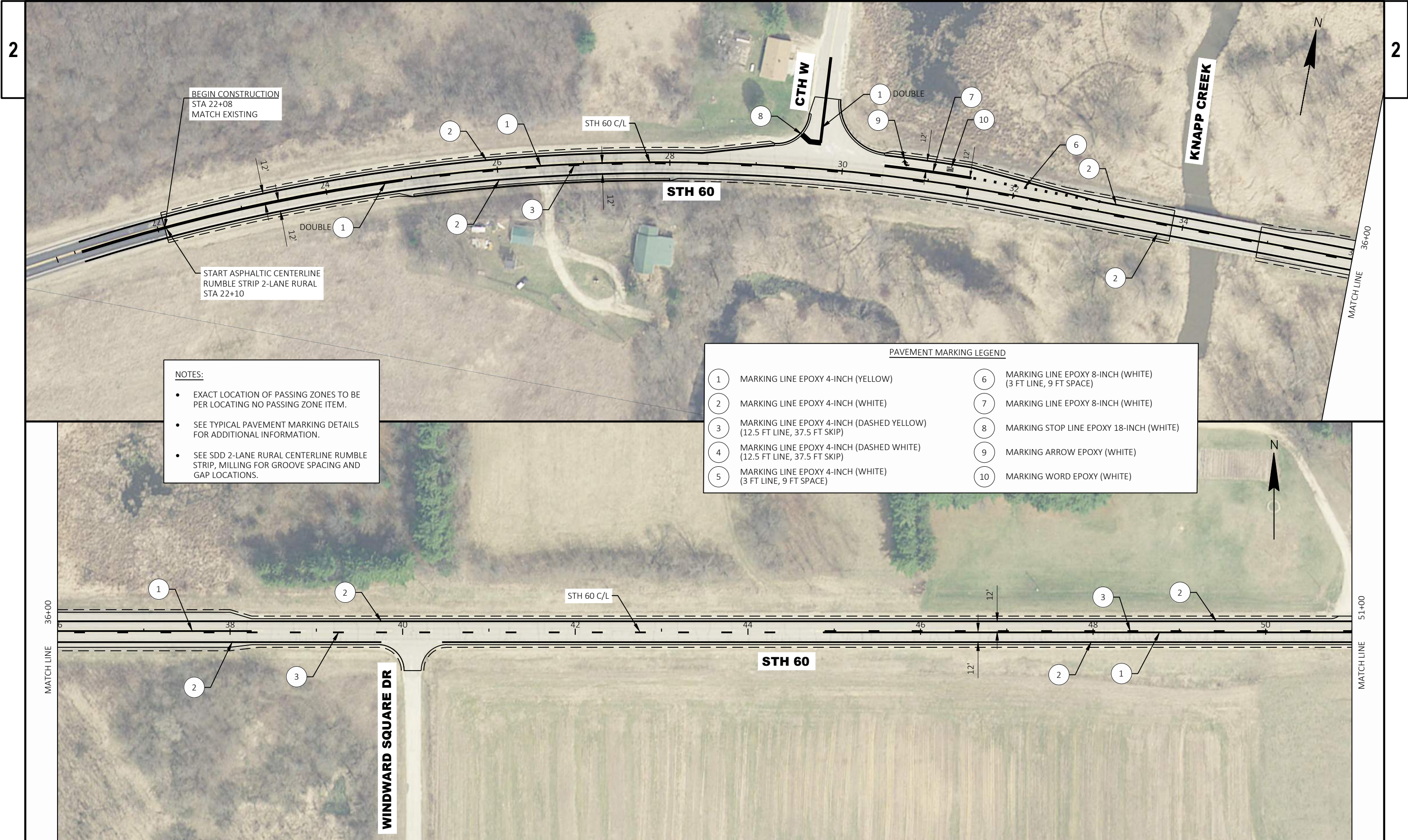


TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE

SIDEROADS PAVEMENT MARKING DETAILS

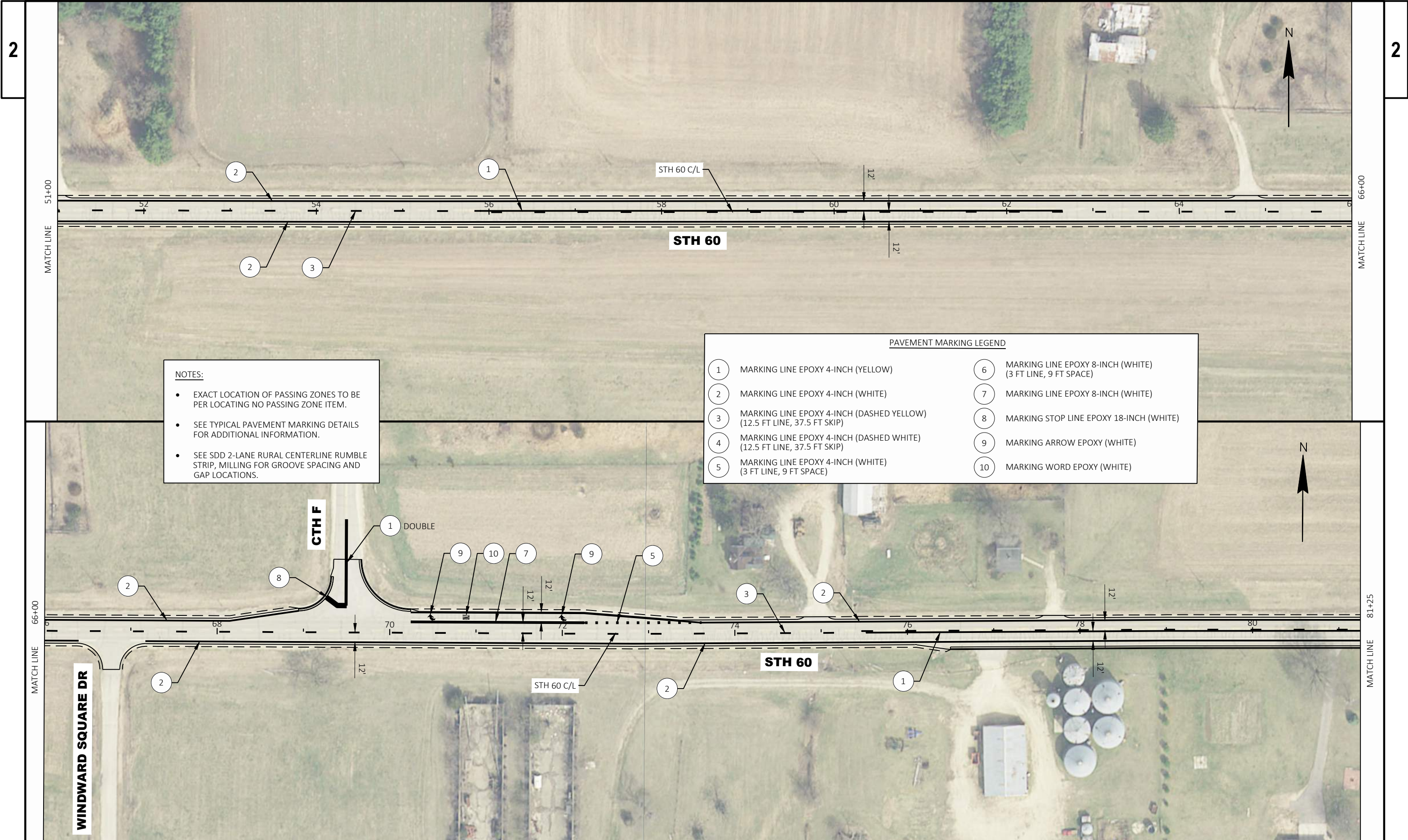


MILLING CONSTRUCTION DETAIL IN CURB AND GUTTER SECTIONS



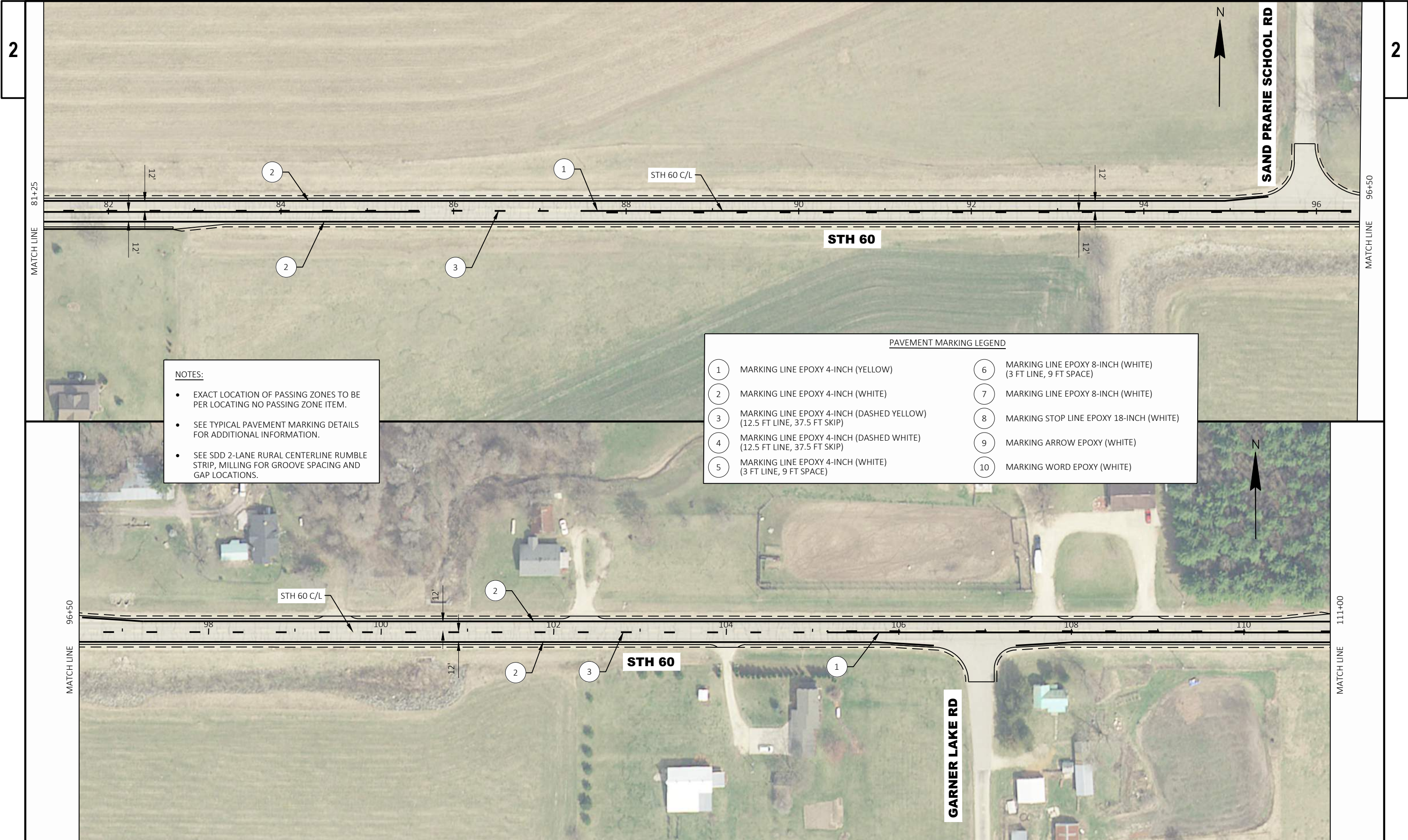
- NOTES:**
- EXACT LOCATION OF PASSING ZONES TO BE PER LOCATING NO PASSING ZONE ITEM.
 - SEE TYPICAL PAVEMENT MARKING DETAILS FOR ADDITIONAL INFORMATION.
 - SEE SDD 2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING FOR GROOVE SPACING AND GAP LOCATIONS.

PAVEMENT MARKING LEGEND	
1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
3	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE, 37.5 FT SKIP)
4	MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE, 37.5 FT SKIP)
5	MARKING LINE EPOXY 4-INCH (WHITE) (3 FT LINE, 9 FT SPACE)
6	MARKING LINE EPOXY 8-INCH (WHITE) (3 FT LINE, 9 FT SPACE)
7	MARKING LINE EPOXY 8-INCH (WHITE)
8	MARKING STOP LINE EPOXY 18-INCH (WHITE)
9	MARKING ARROW EPOXY (WHITE)
10	MARKING WORD EPOXY (WHITE)



- NOTES:**
- EXACT LOCATION OF PASSING ZONES TO BE PER LOCATING NO PASSING ZONE ITEM.
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9	MARKING ARROW EPOXY (WHITE)
10	MARKING WORD EPOXY (WHITE)

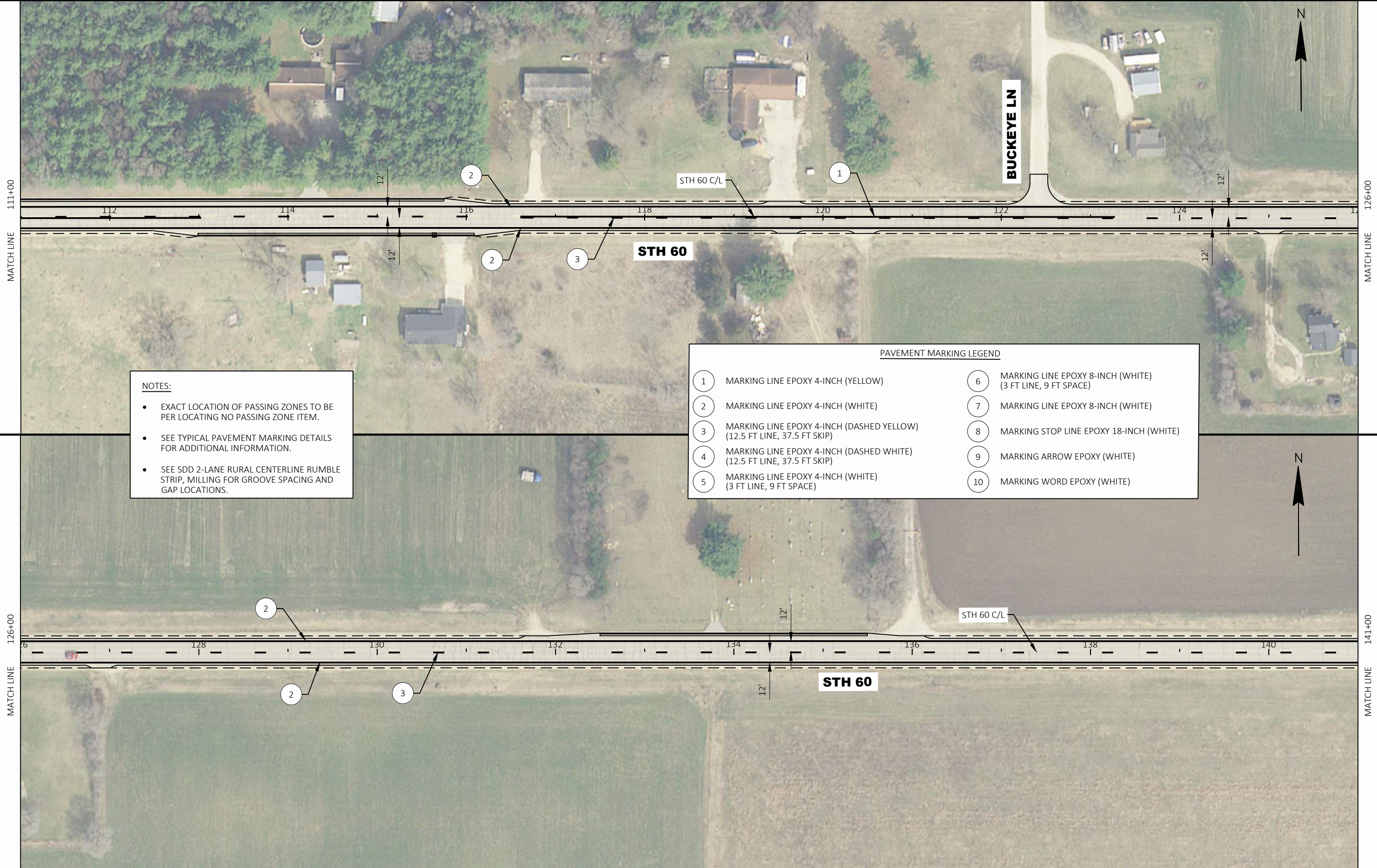


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3	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE, 37.5 FT SKIP)	8	MARKING STOP LINE EPOXY 18-INCH (WHITE)
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5	MARKING LINE EPOXY 4-INCH (WHITE) (3 FT LINE, 9 FT SPACE)	10	MARKING WORD EPOXY (WHITE)

2

2



PROJECT NO:	5190-00-70
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HWY: STH 60

COUNTY: RICHLAND

PAVEMENT MARKING

SHEET	23	E
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LAYOUT NAME - 04

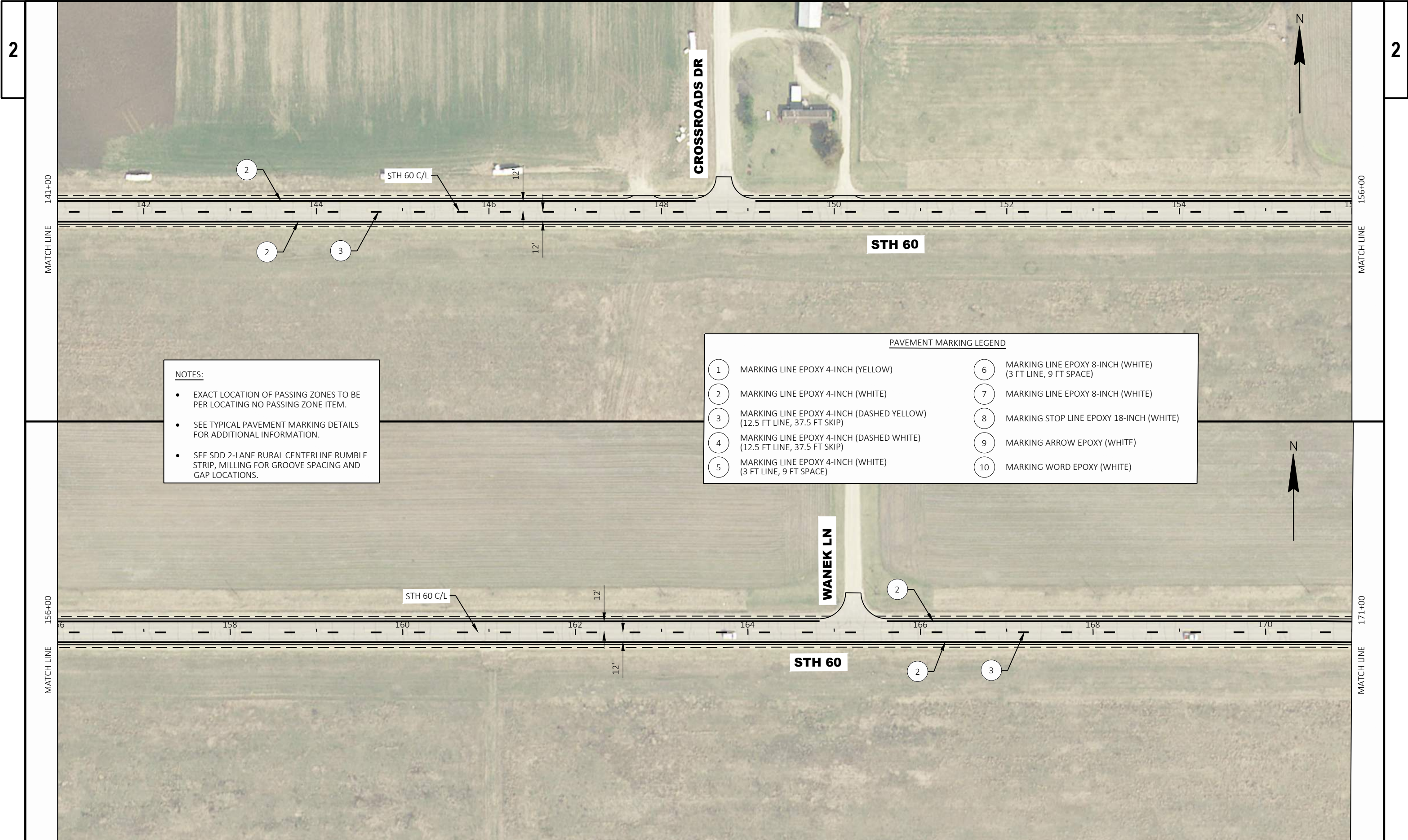
PLOT DATE : 8/21/2020 9:45 AM

PLOT BY : SILVA, DIEGO

PLOT NAME :

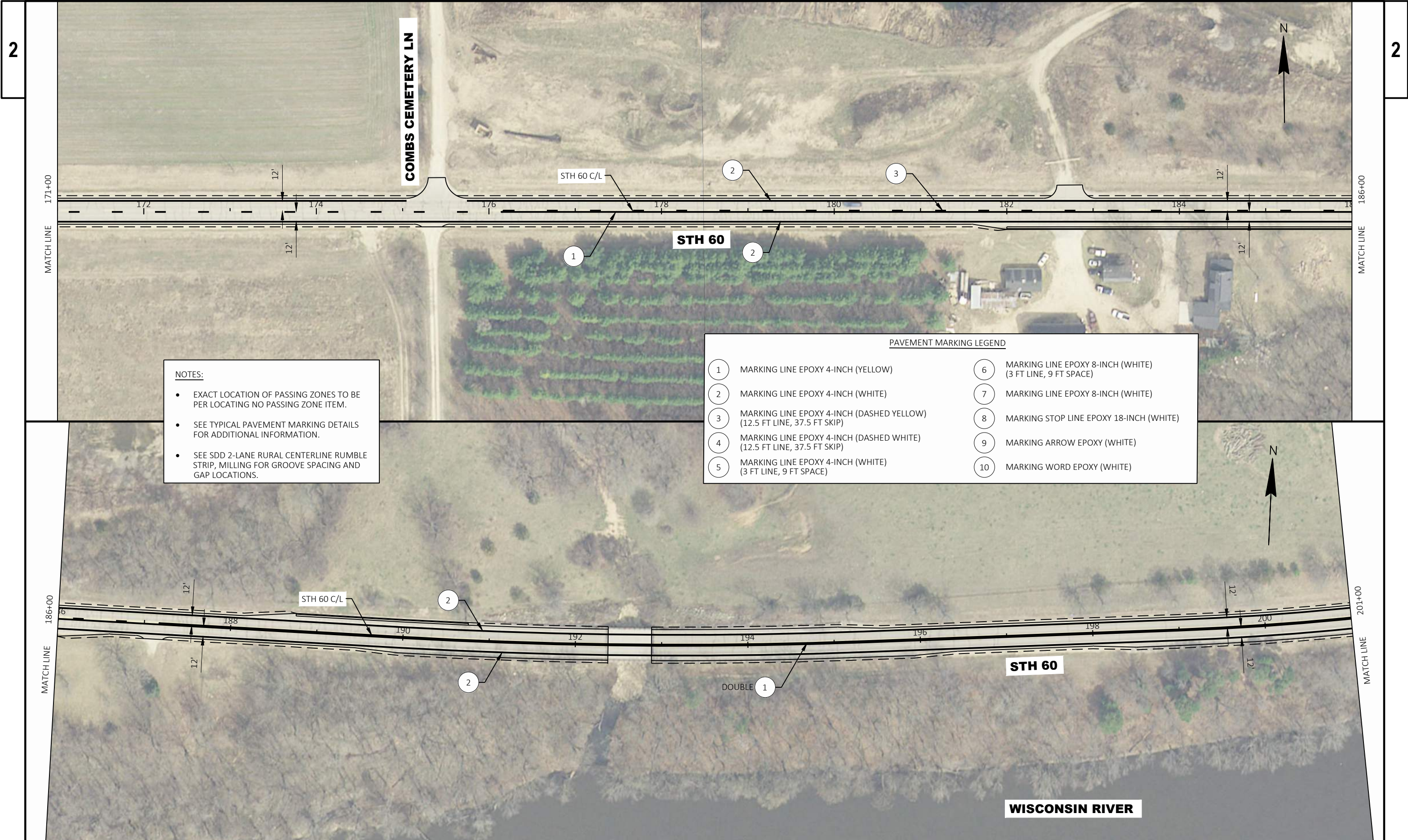
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



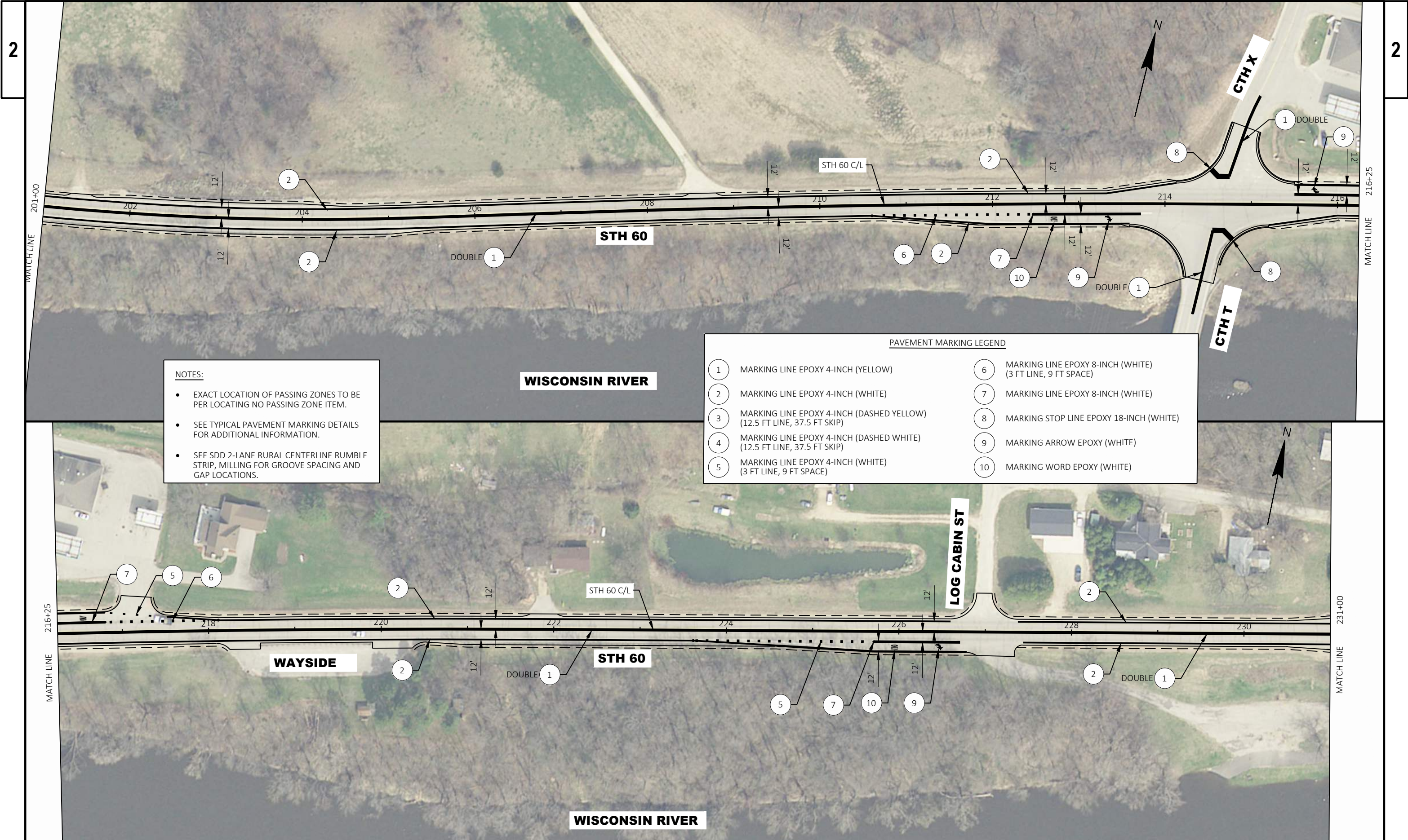
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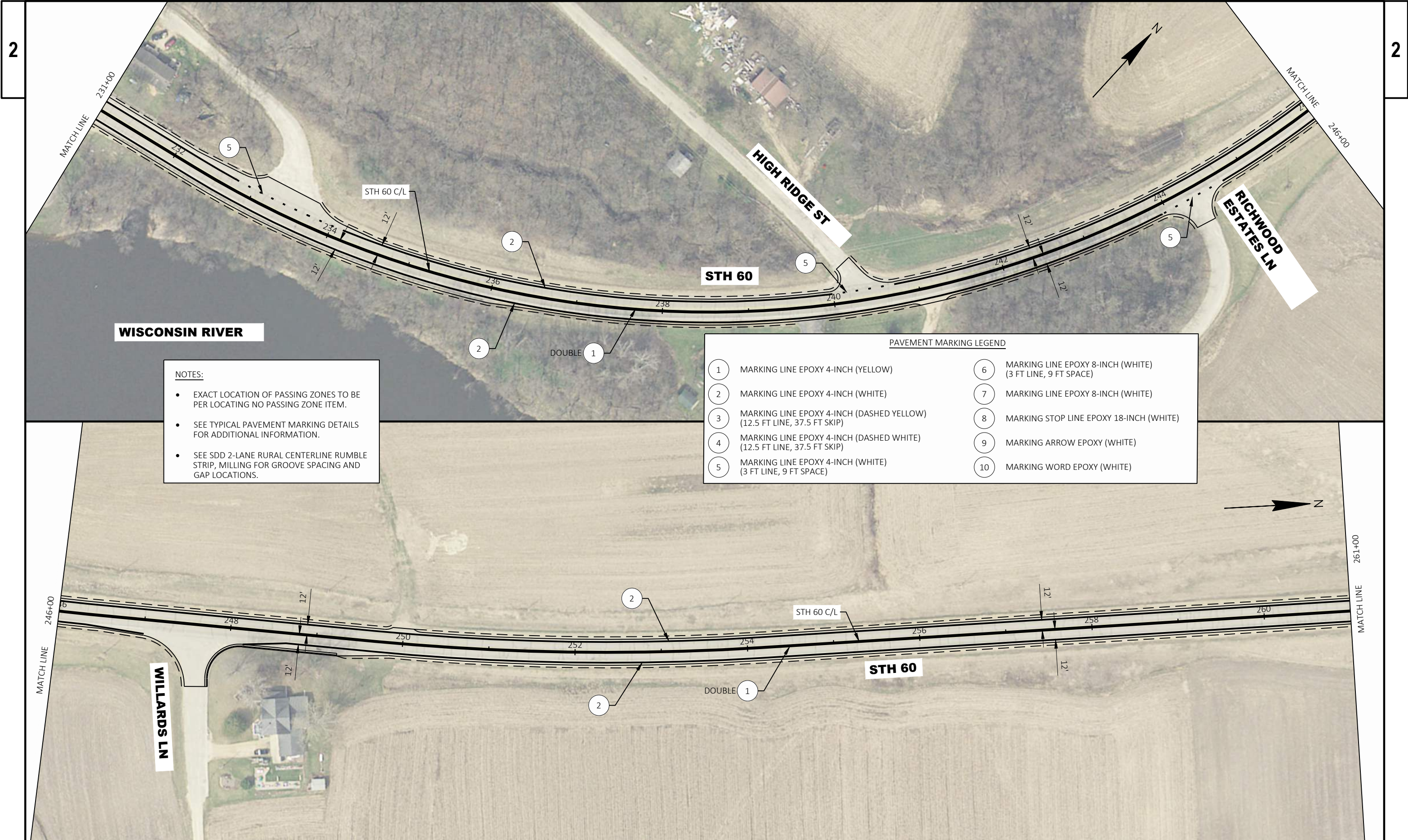
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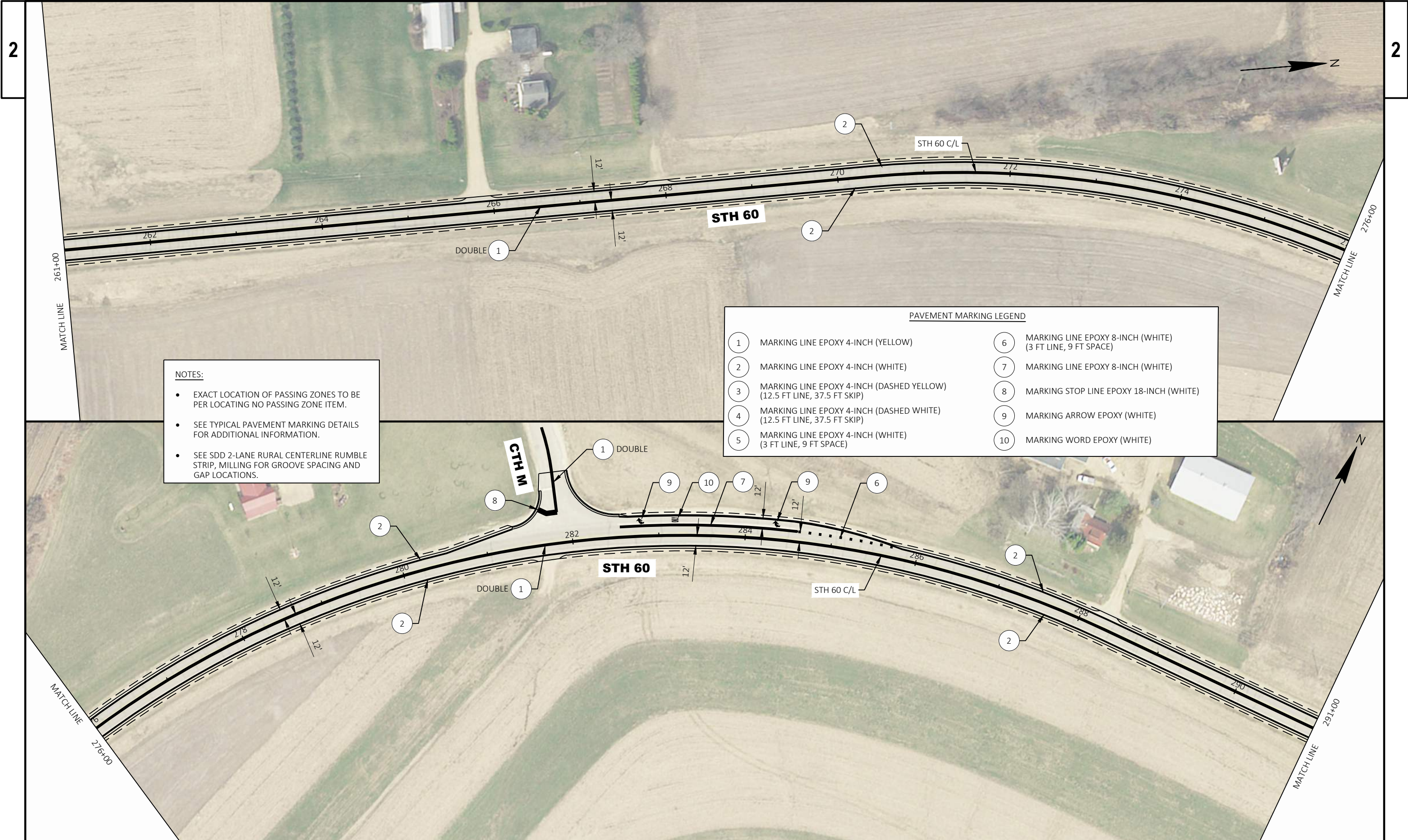
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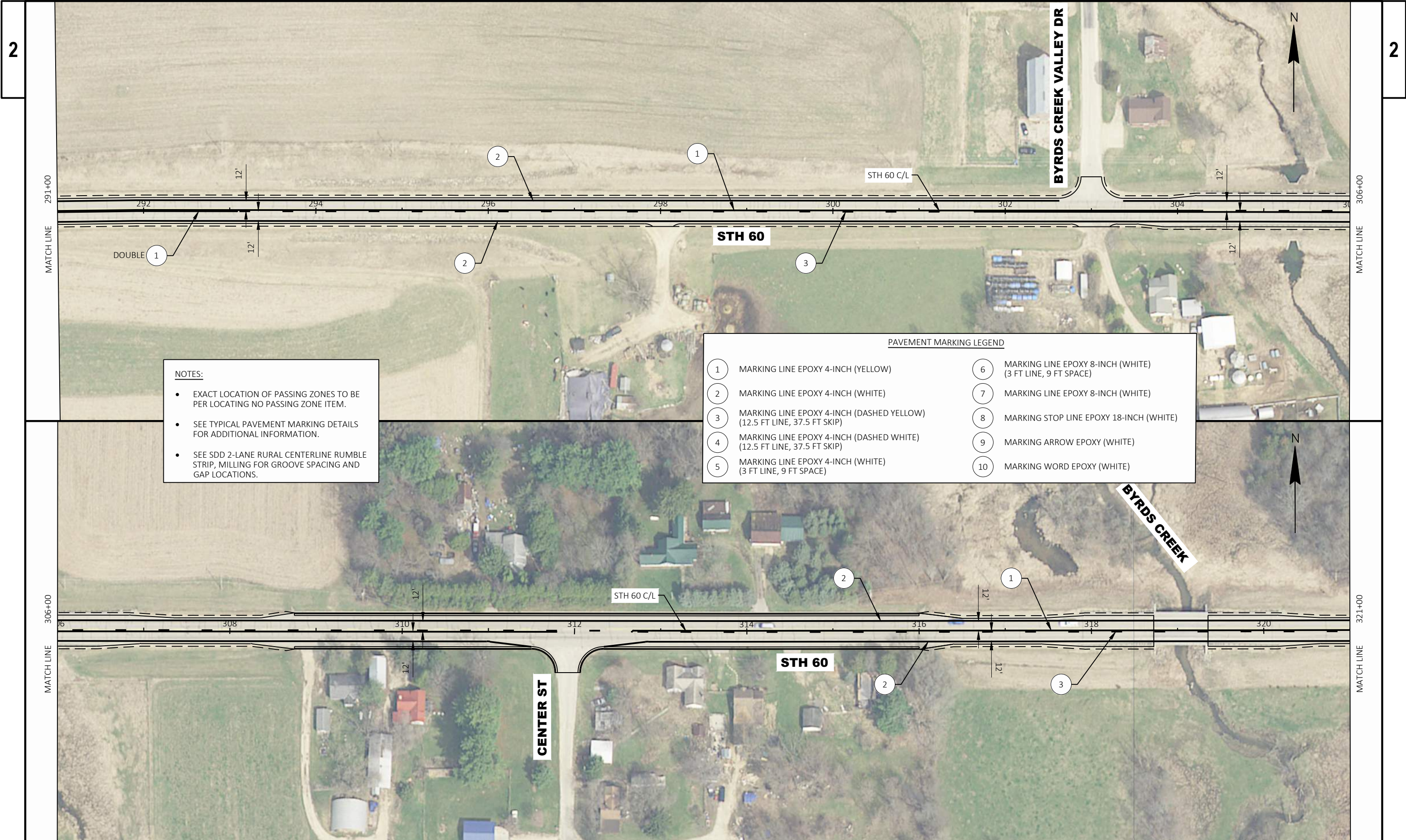
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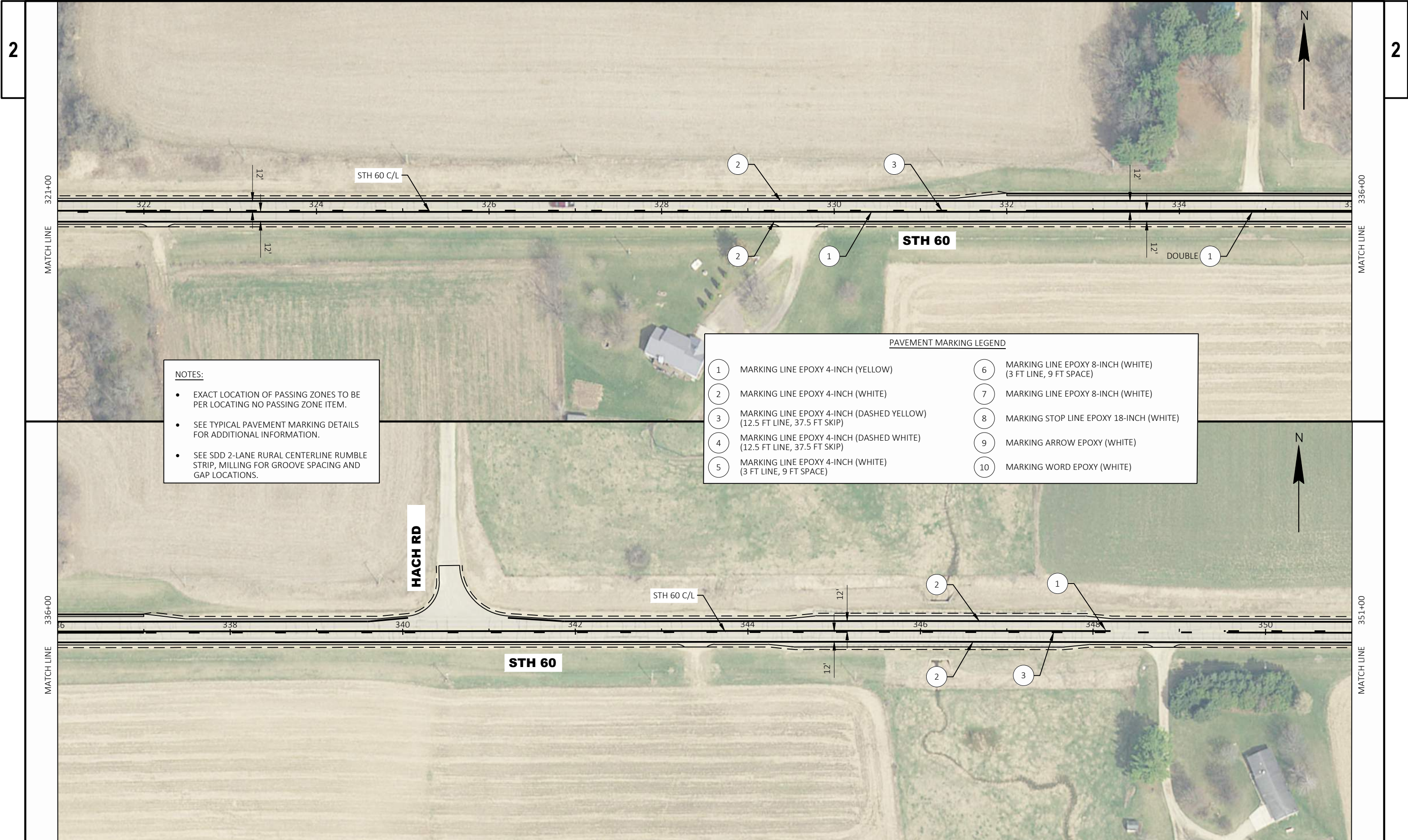
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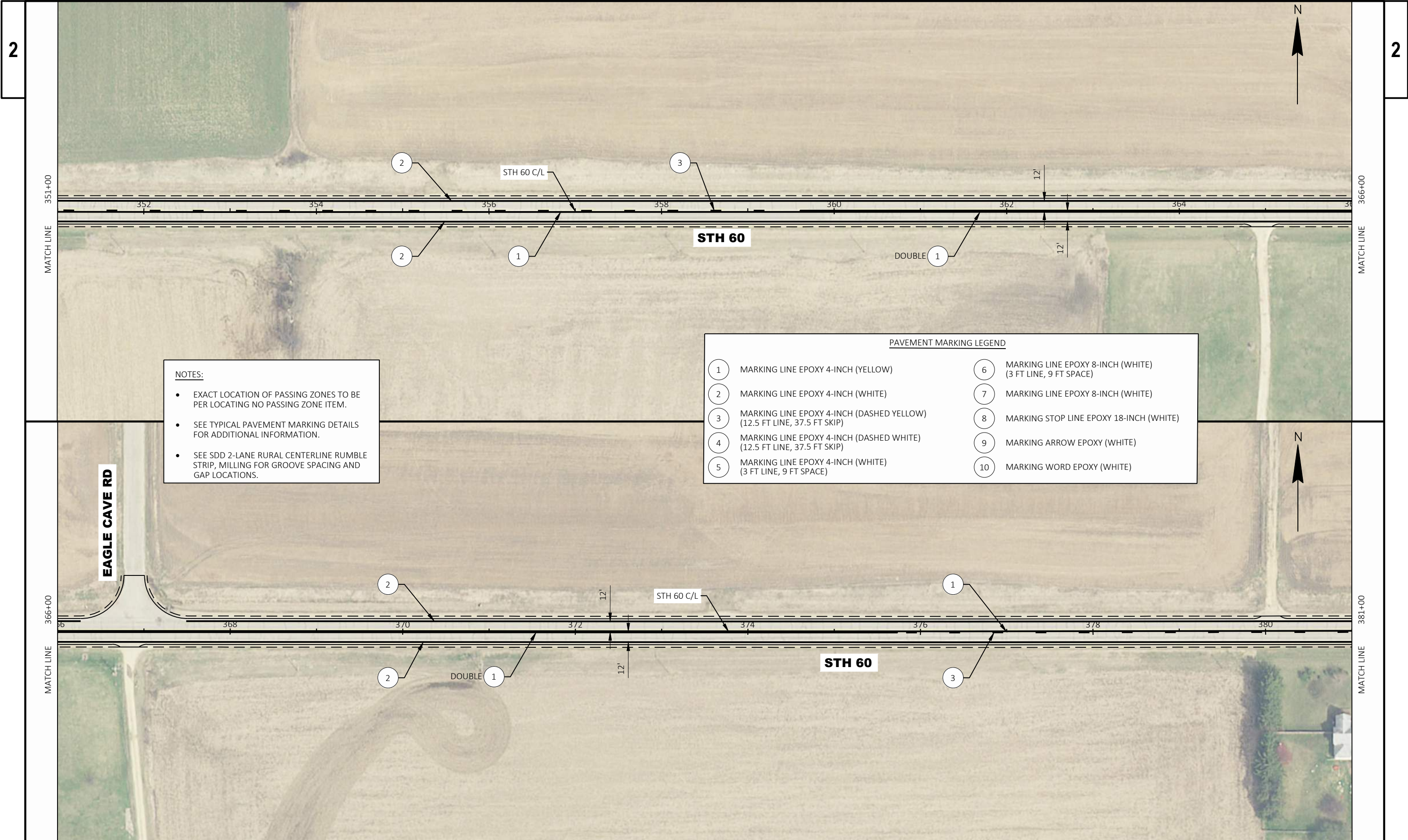
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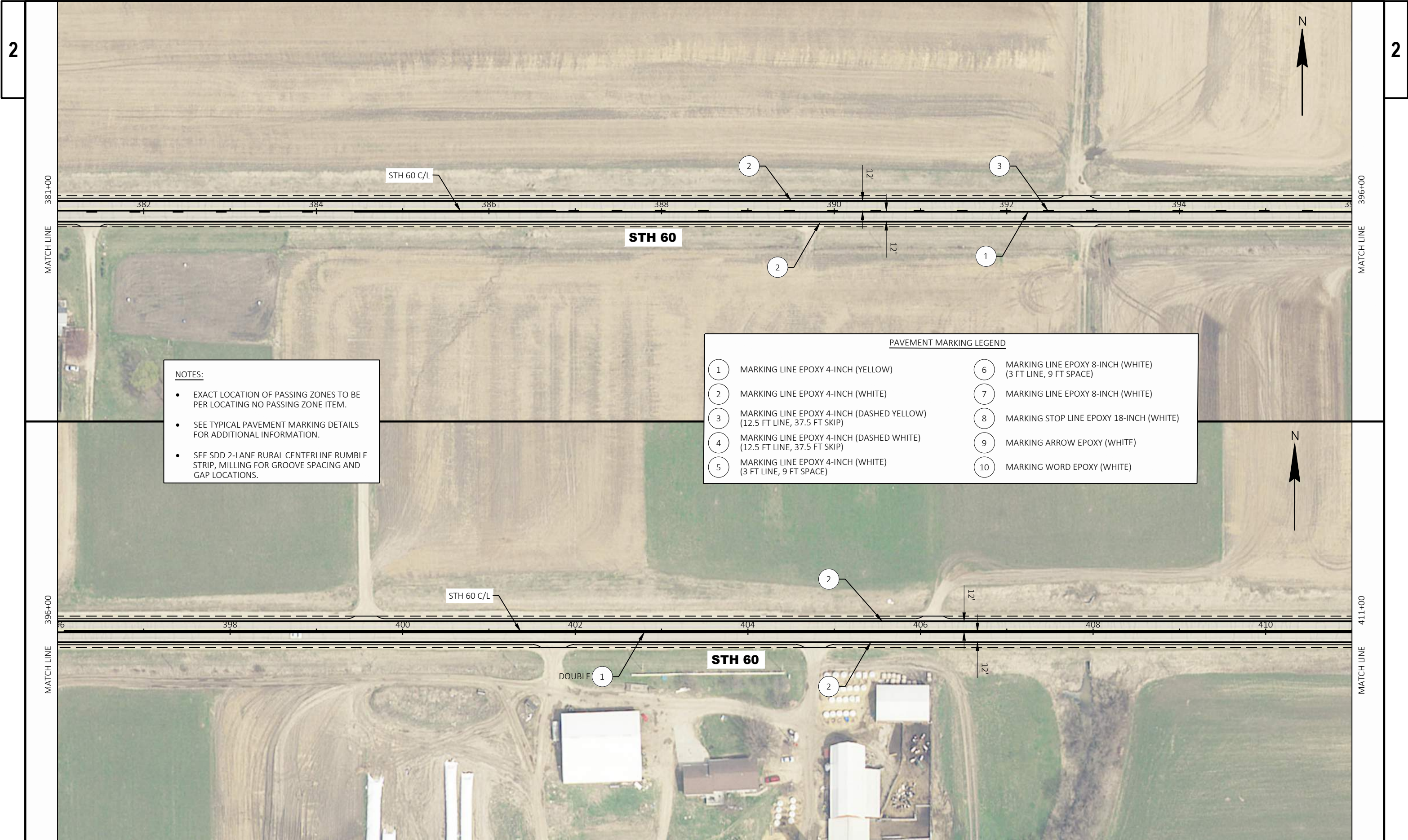
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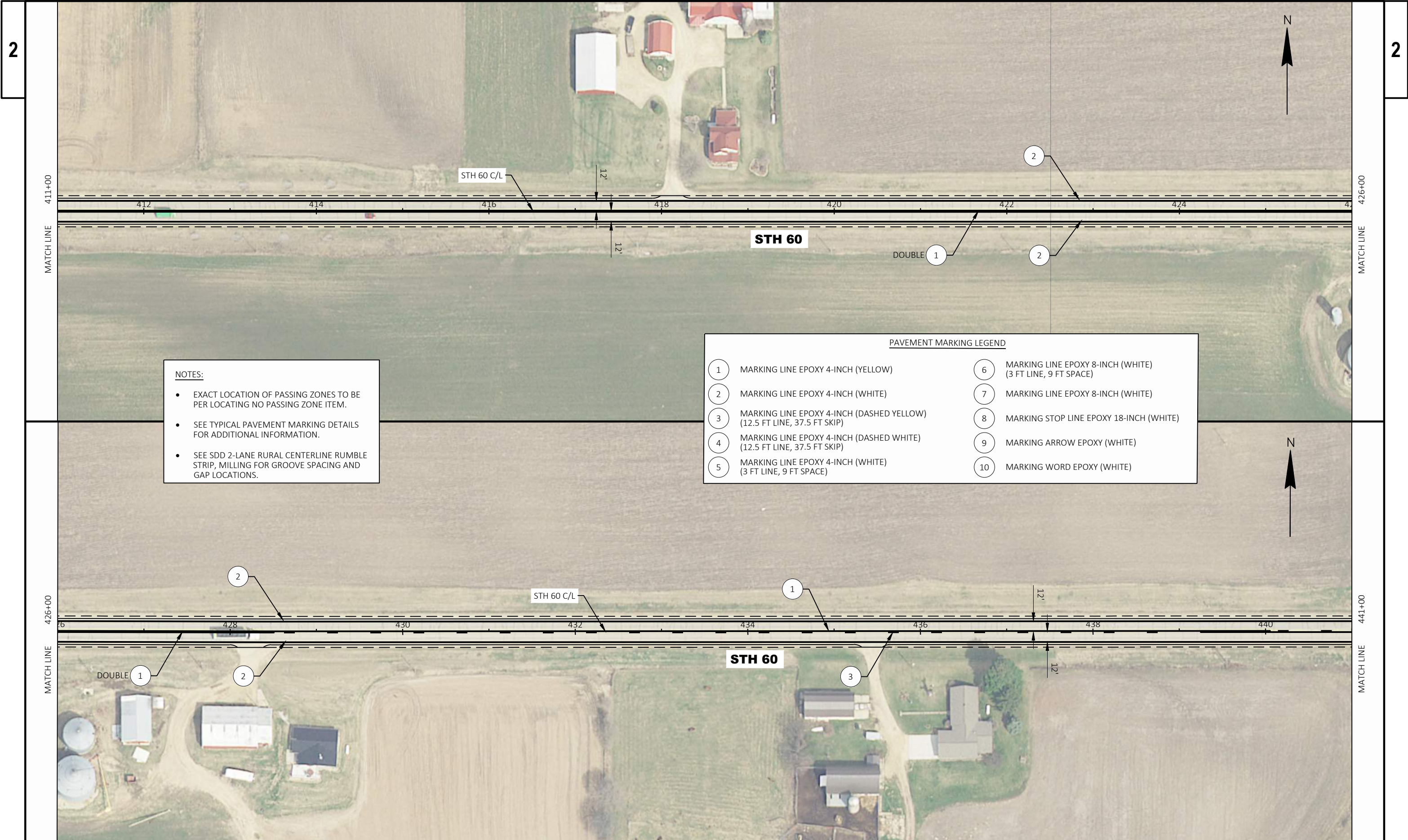
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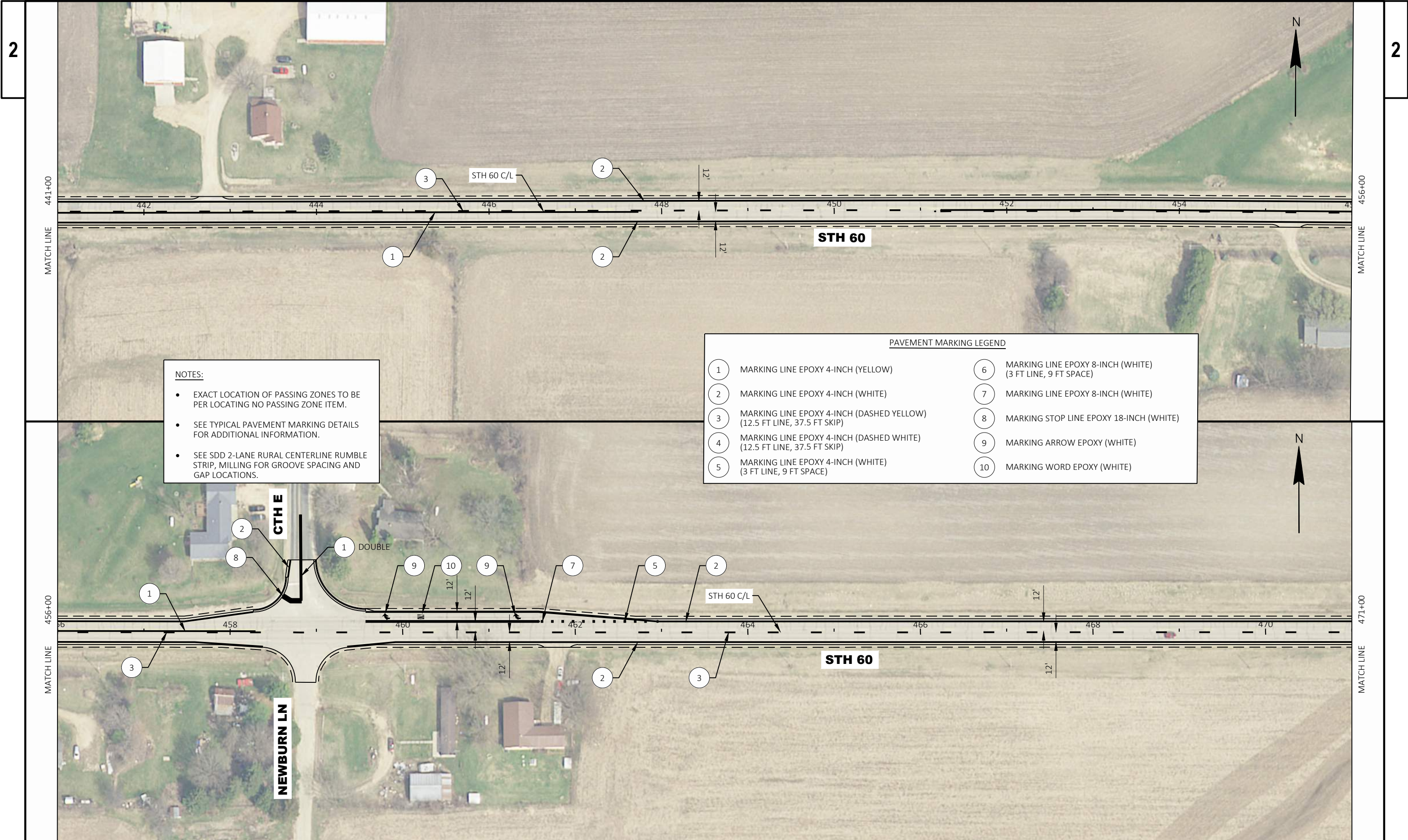
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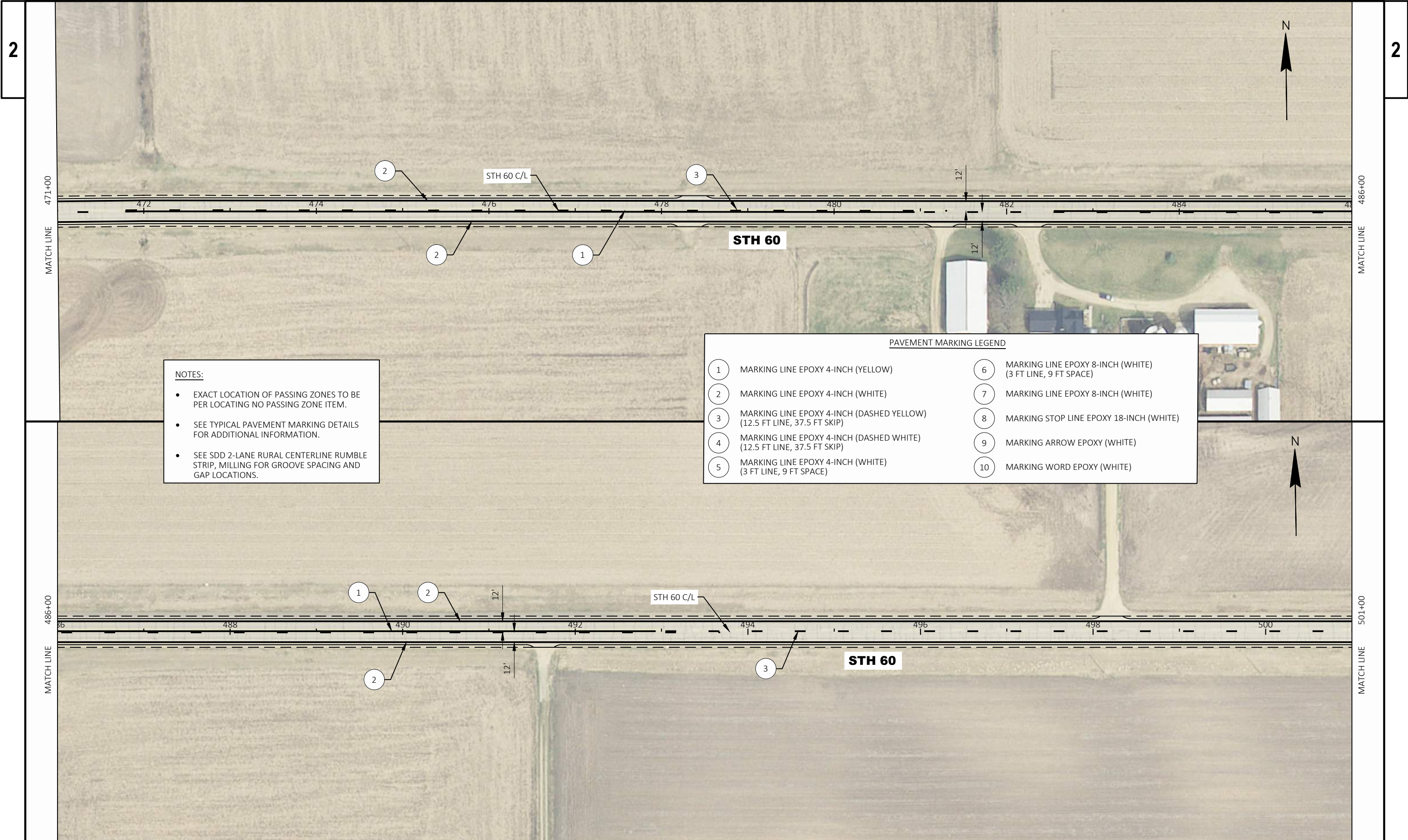
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 - SEE TYPICAL PAVEMENT MARKING DETAILS FOR ADDITIONAL INFORMATION.
 - SEE SDD 2-LANE RURAL CENTERLINE RUMBLE STRIP, MILLING FOR GROOVE SPACING AND GAP LOCATIONS.

PAVEMENT MARKING LEGEND	
1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
3	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE, 37.5 FT SKIP)
4	MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE, 37.5 FT SKIP)
5	MARKING LINE EPOXY 4-INCH (WHITE) (3 FT LINE, 9 FT SPACE)
6	MARKING LINE EPOXY 8-INCH (WHITE) (3 FT LINE, 9 FT SPACE)
7	MARKING LINE EPOXY 8-INCH (WHITE)
8	MARKING STOP LINE EPOXY 18-INCH (WHITE)
9	MARKING ARROW EPOXY (WHITE)
10	MARKING WORD EPOXY (WHITE)



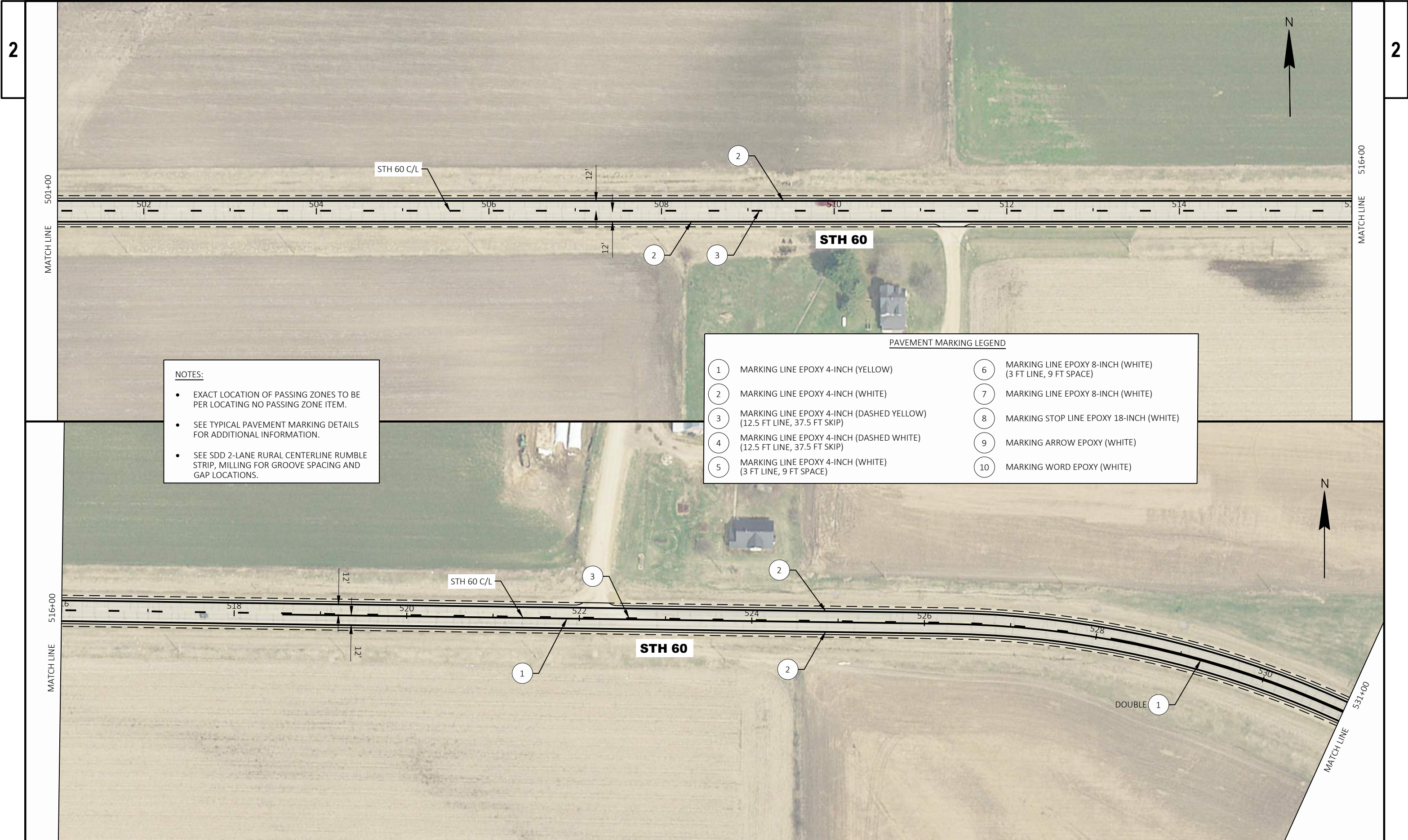
- NOTES:
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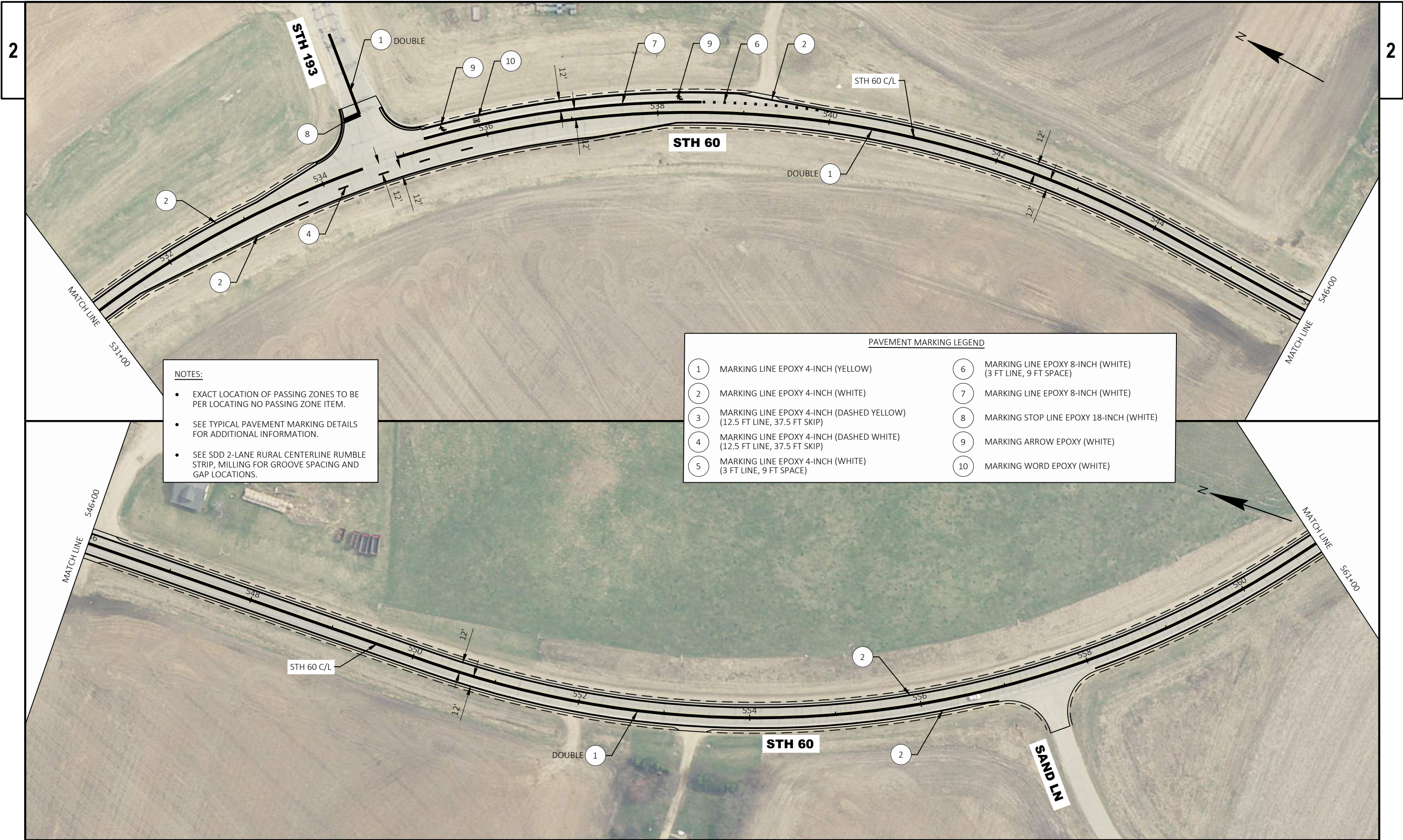
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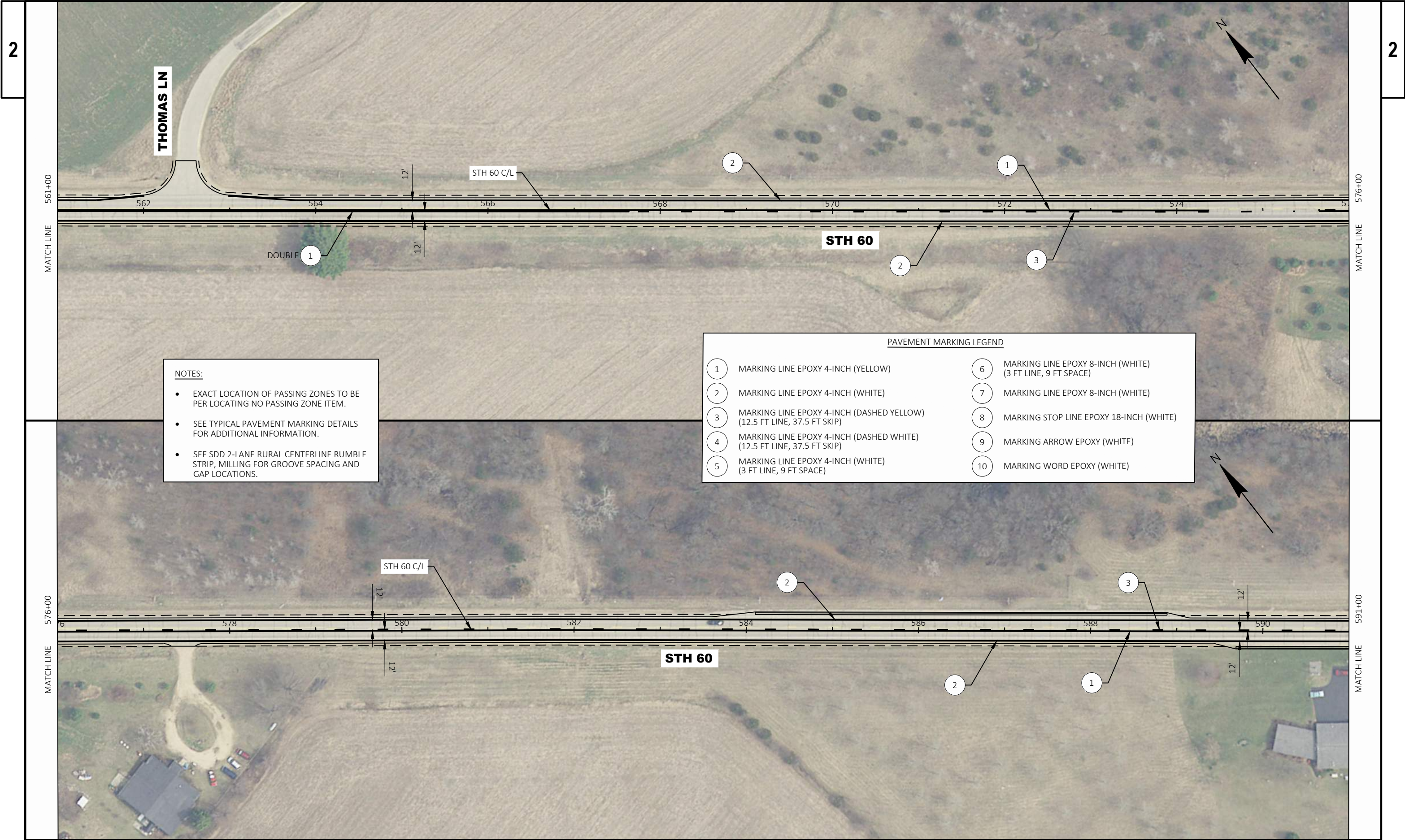
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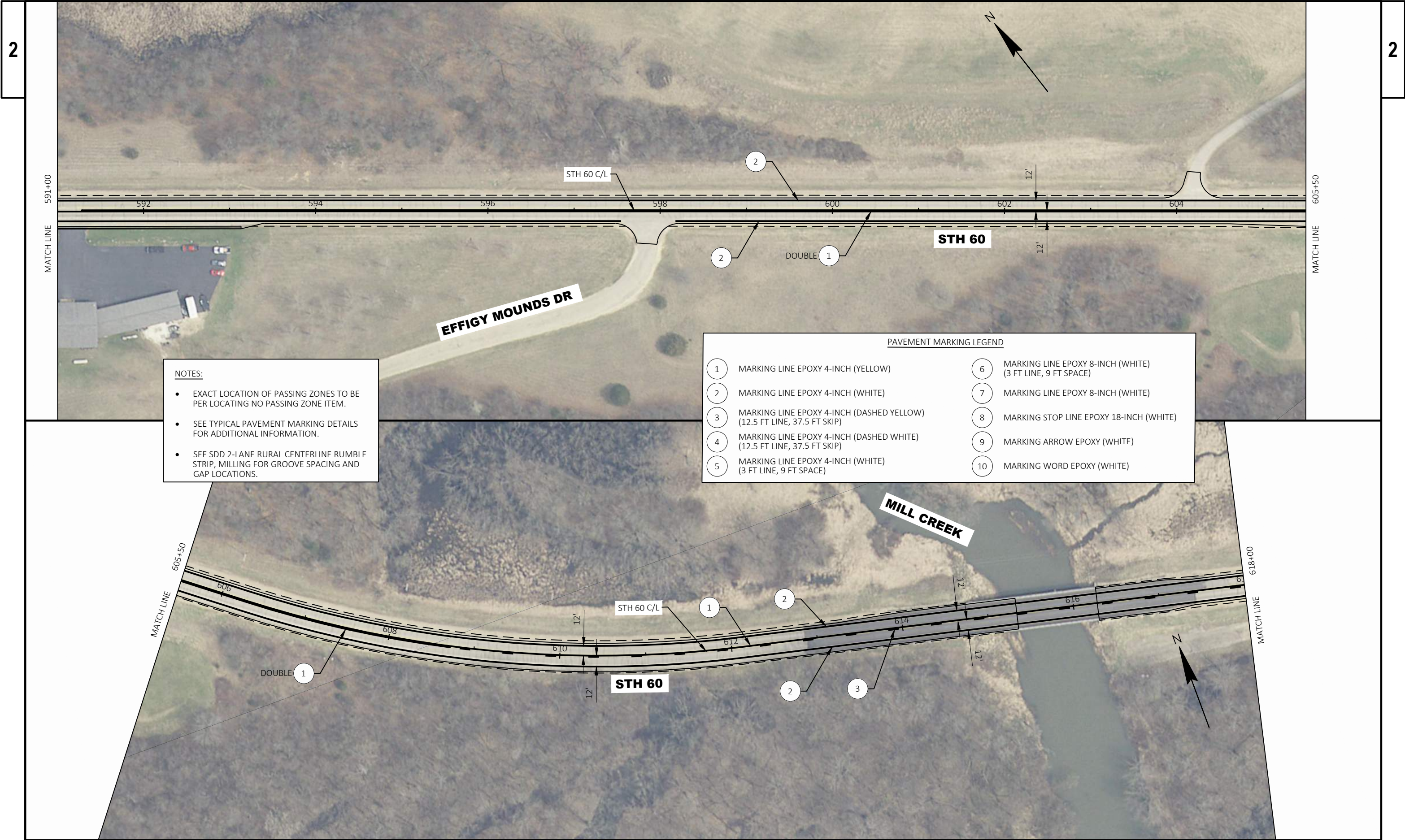
- NOTES:**
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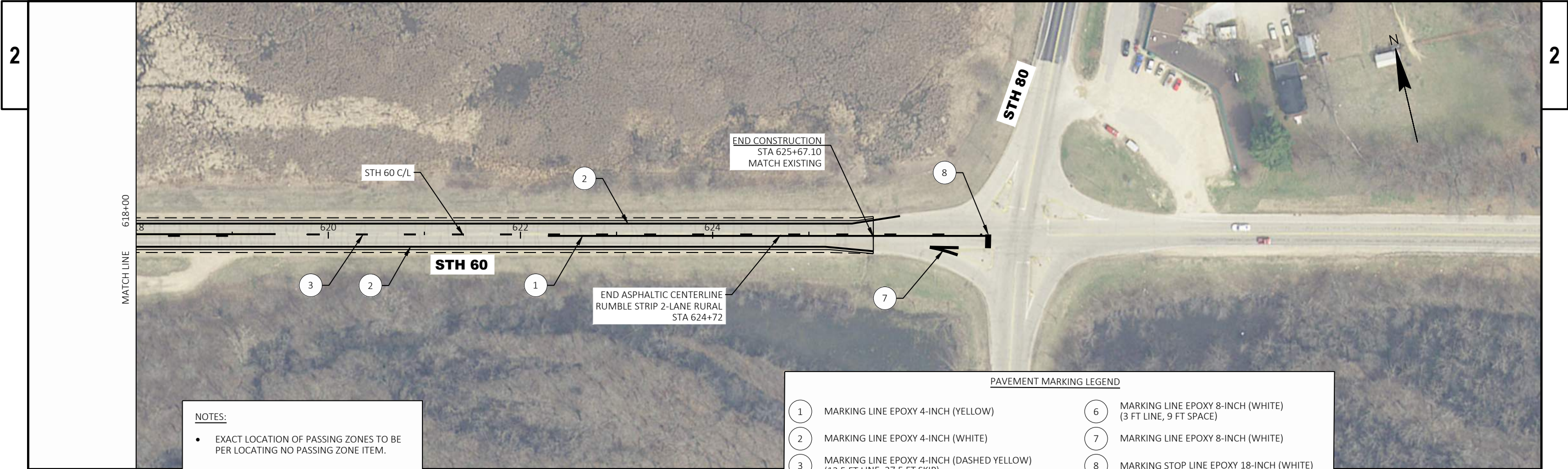
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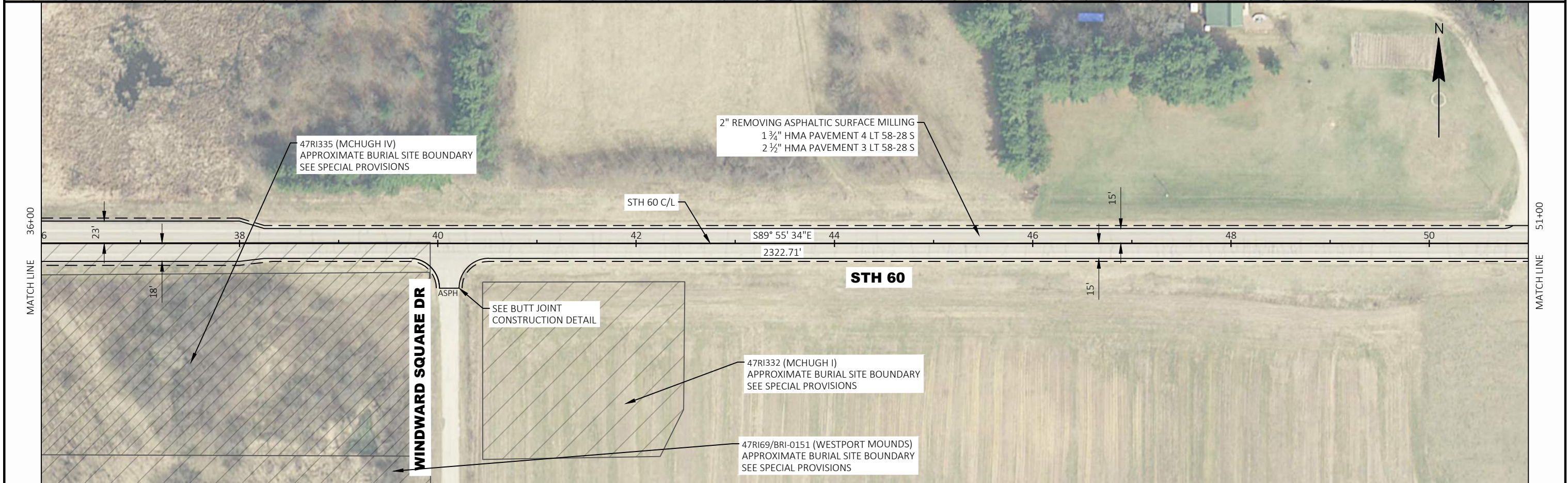
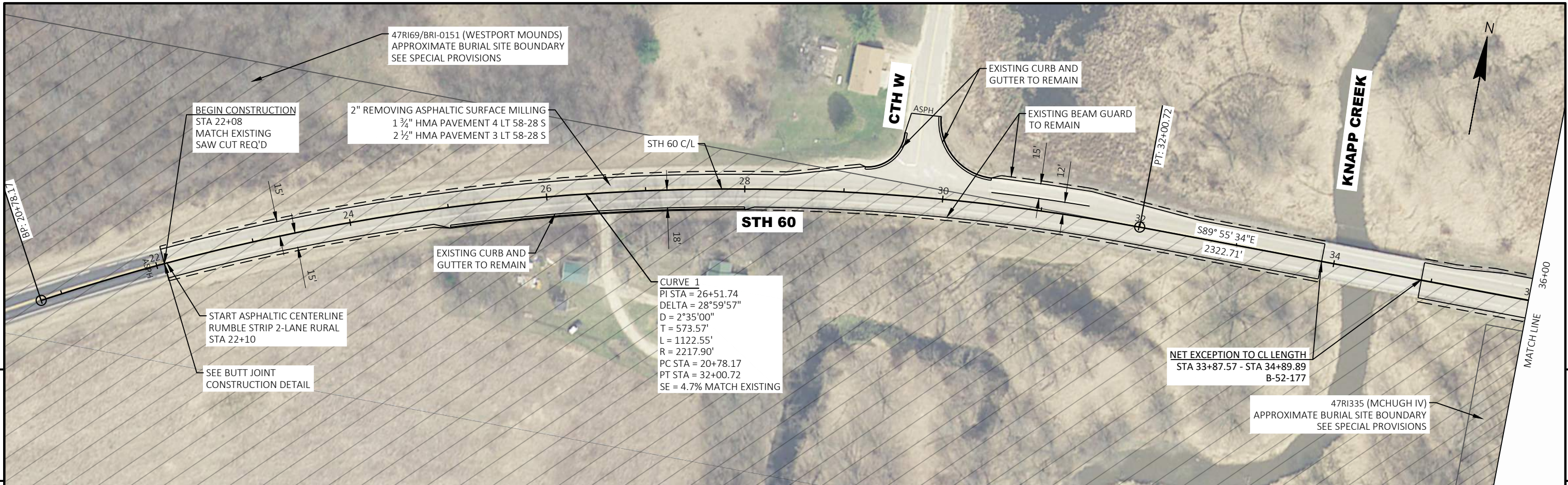
PAVEMENT MARKING LEGEND	
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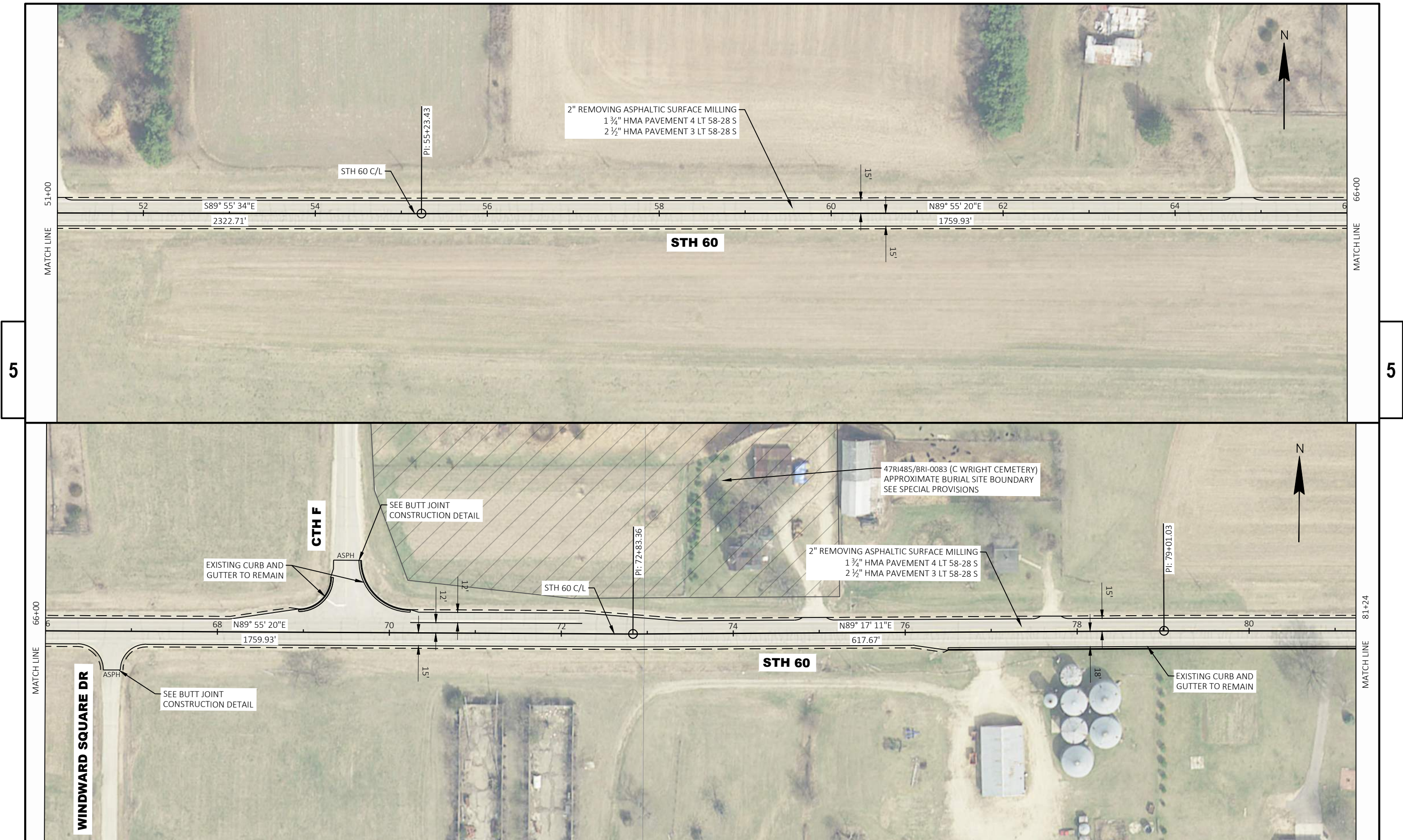
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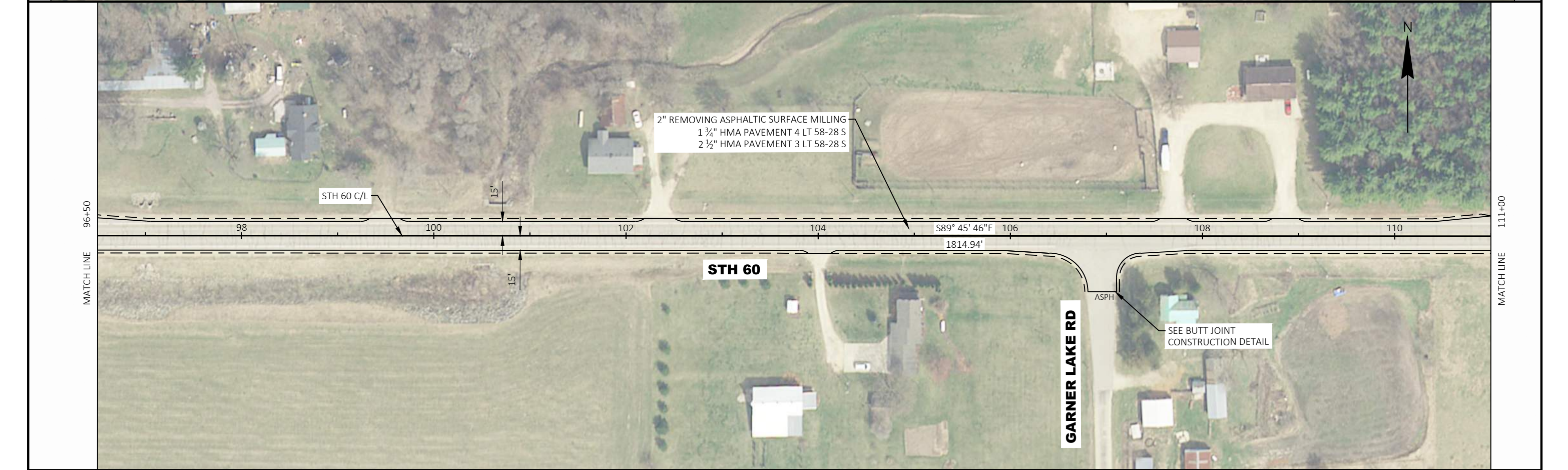
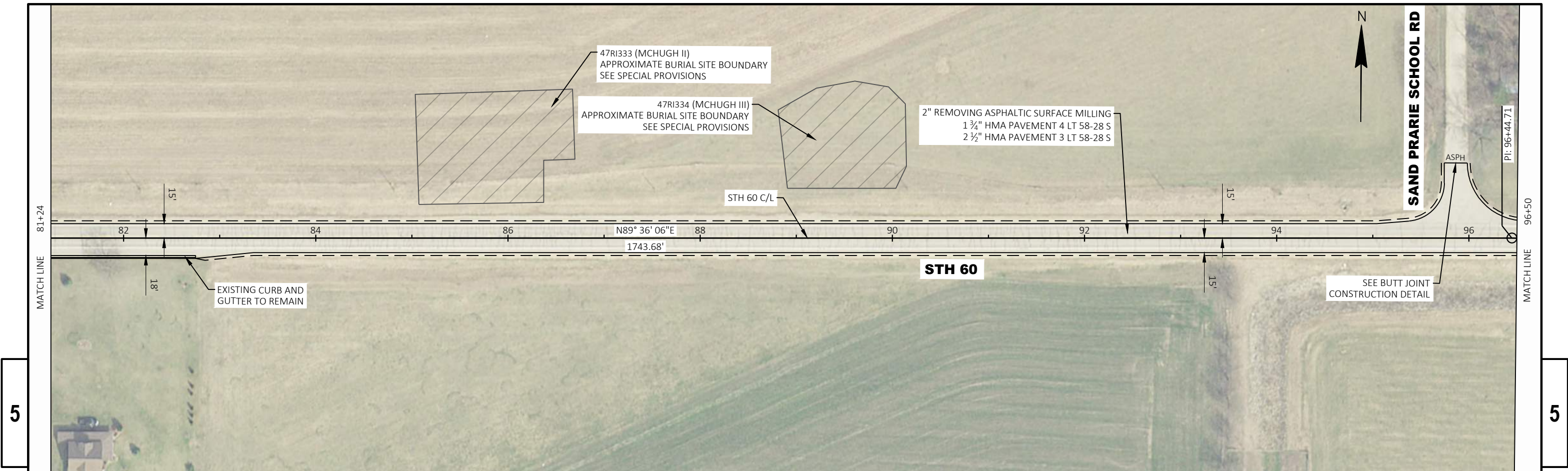
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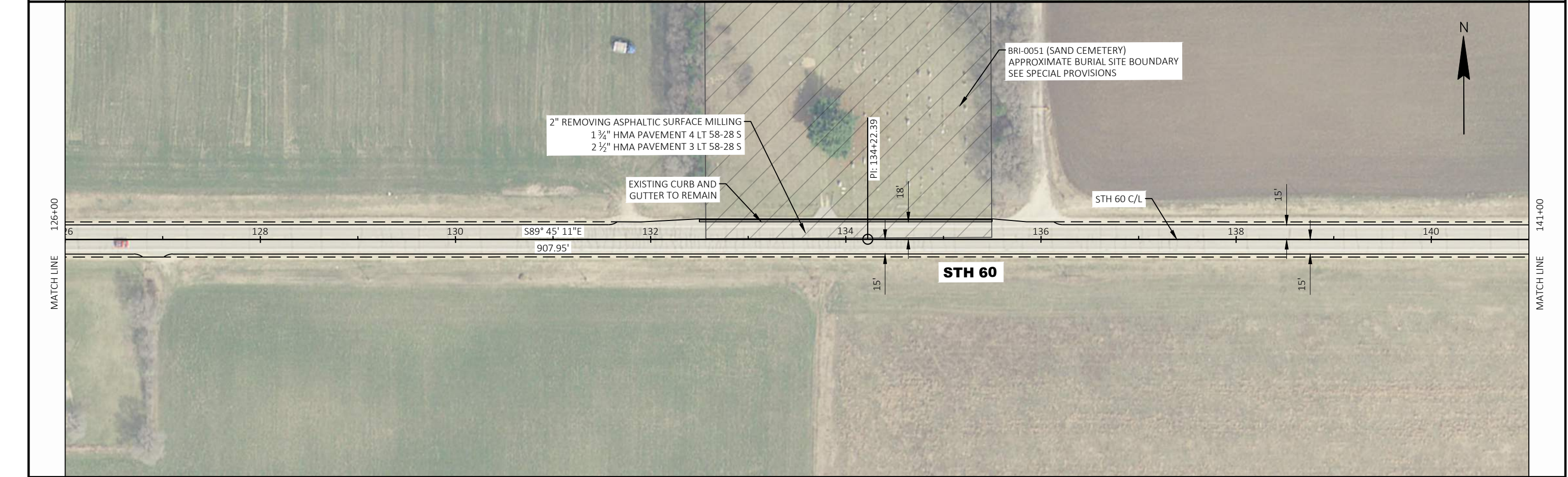
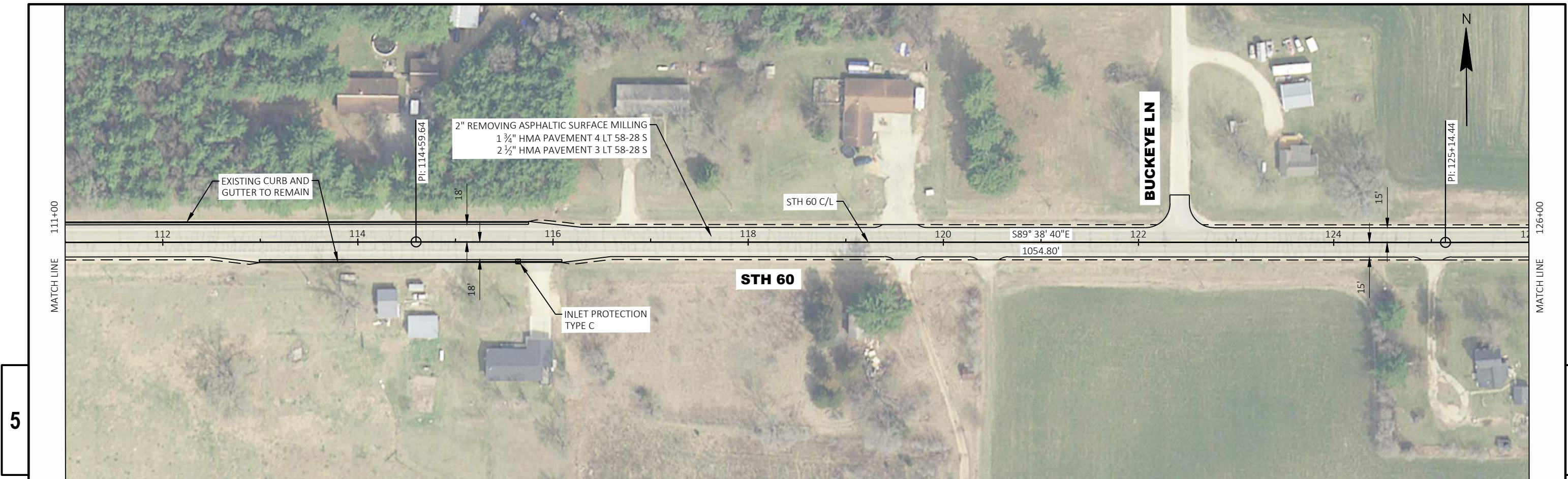
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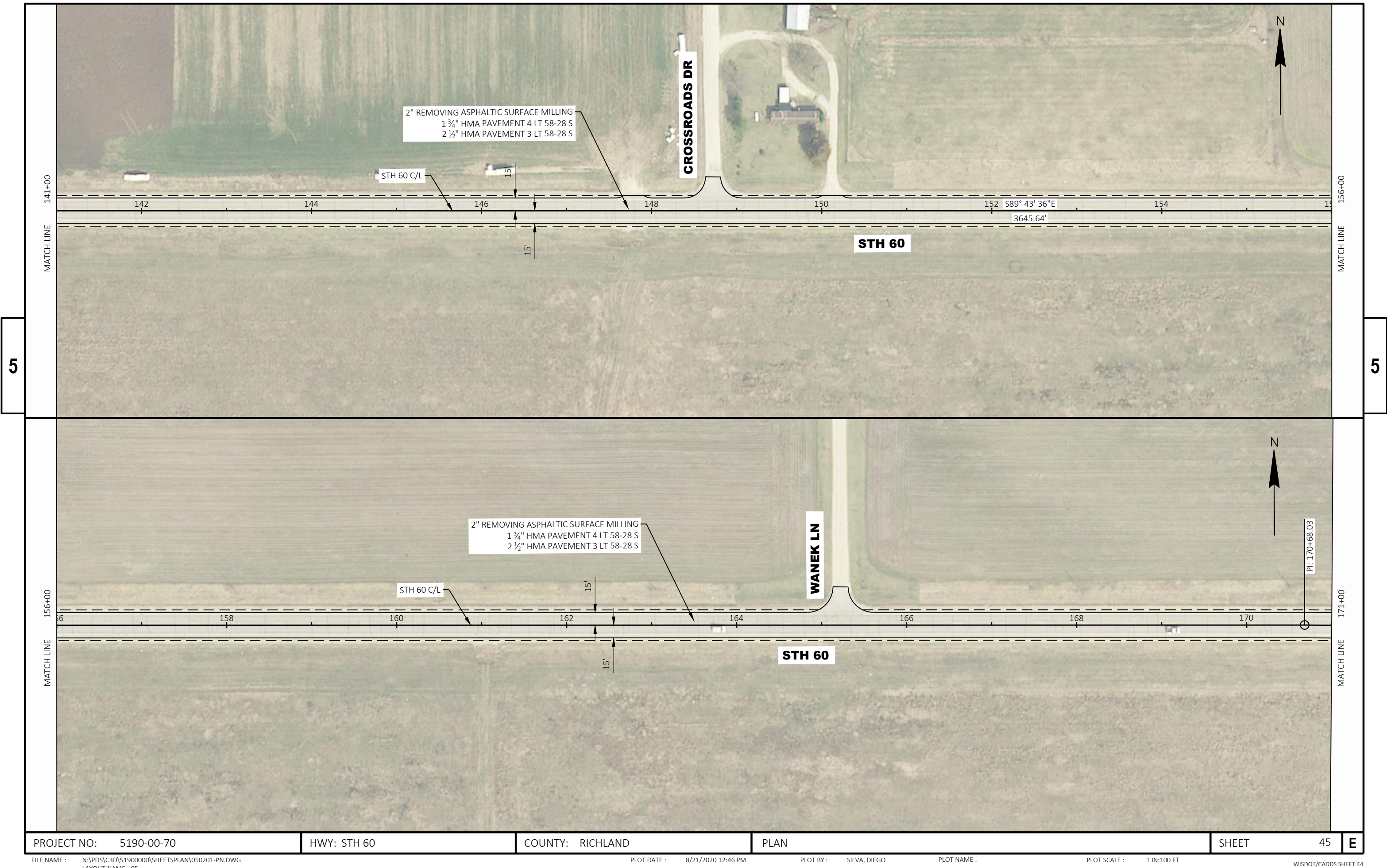


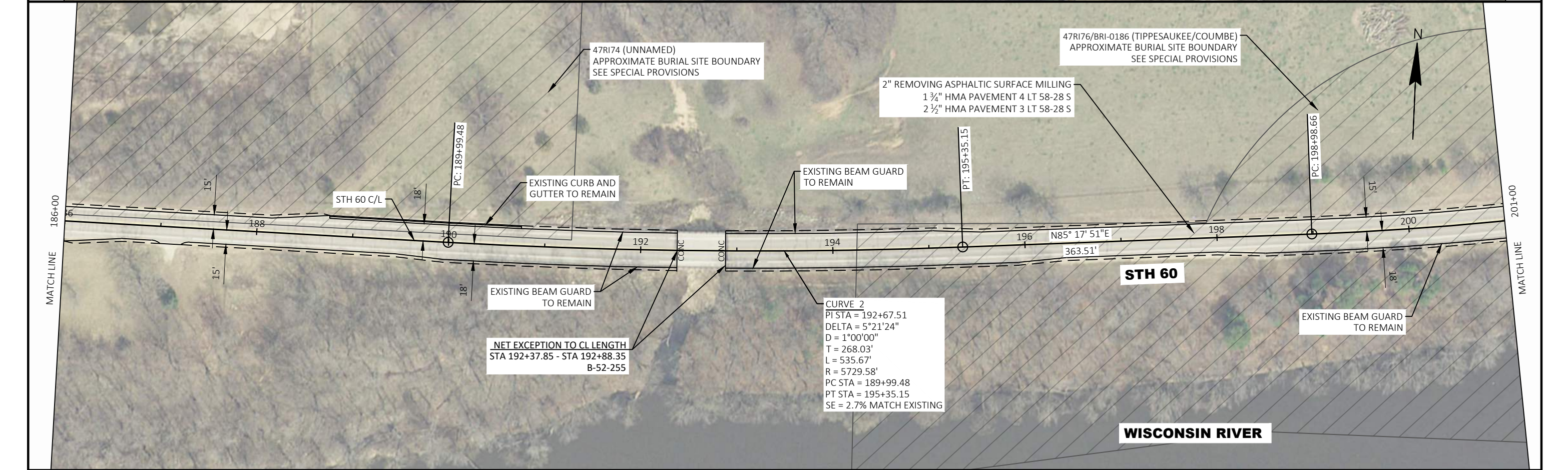
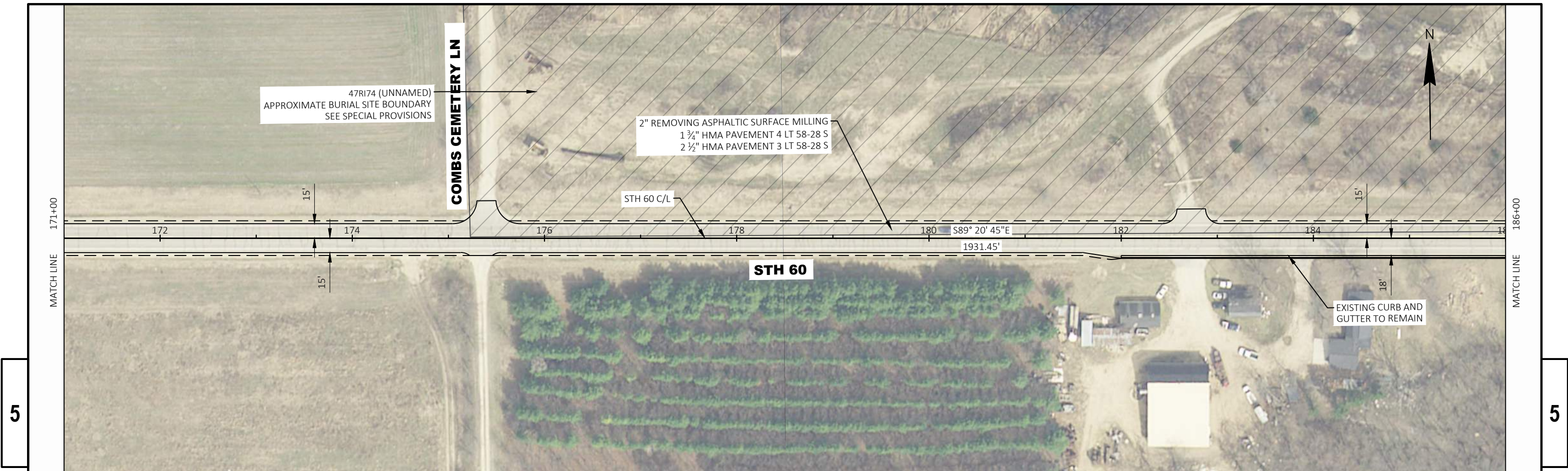
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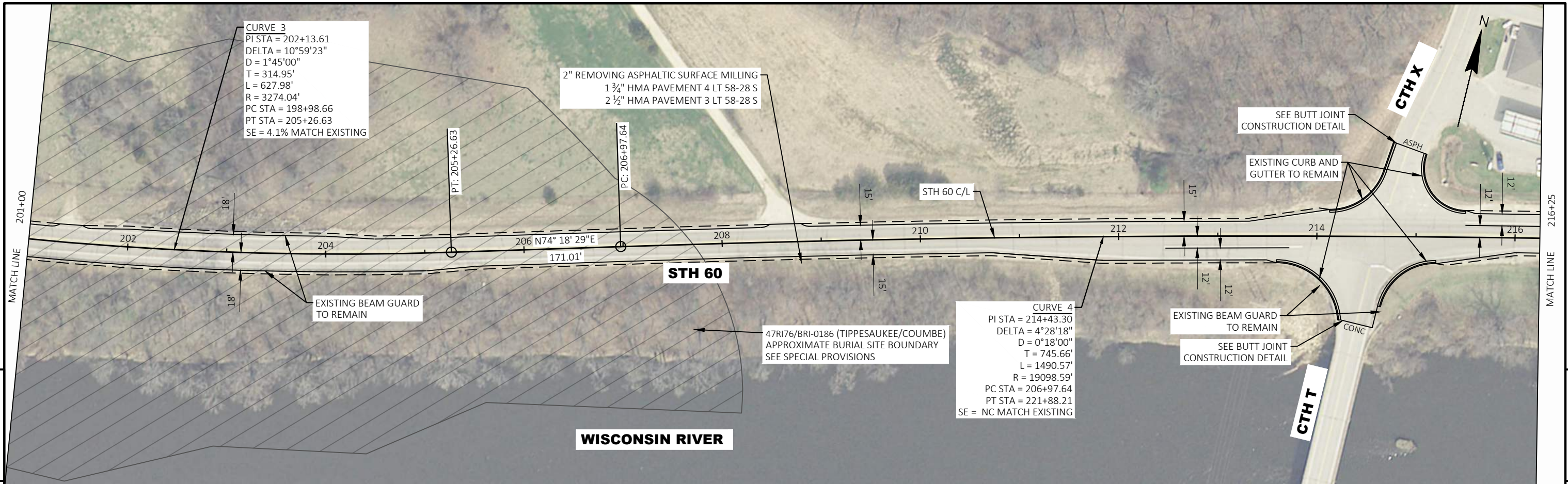
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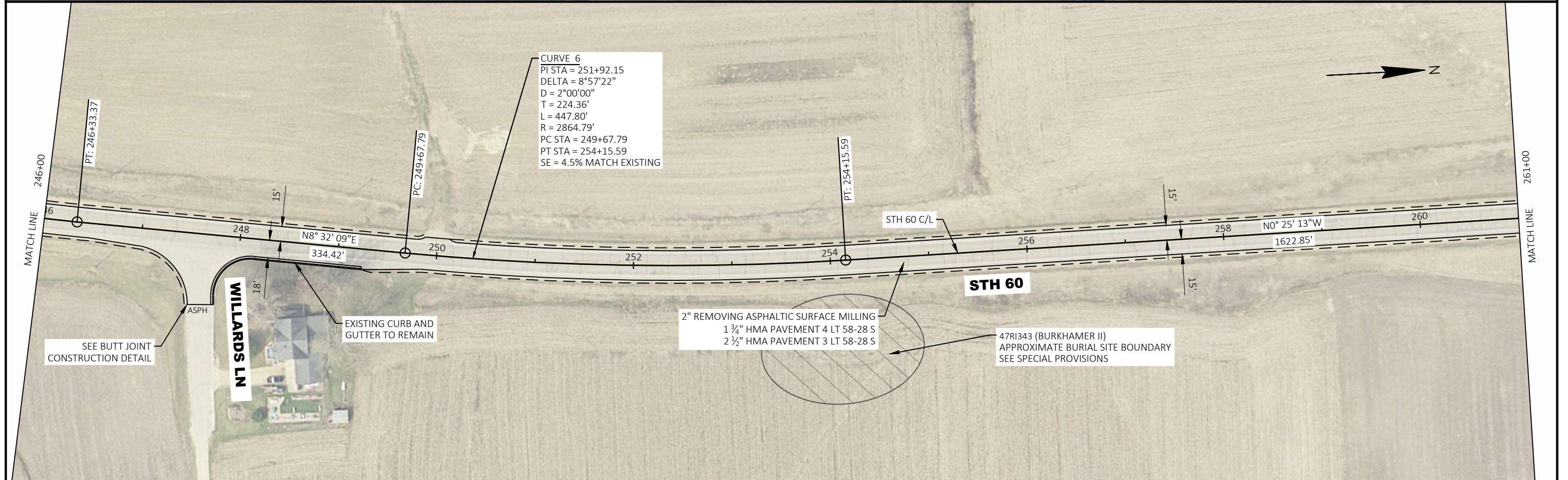
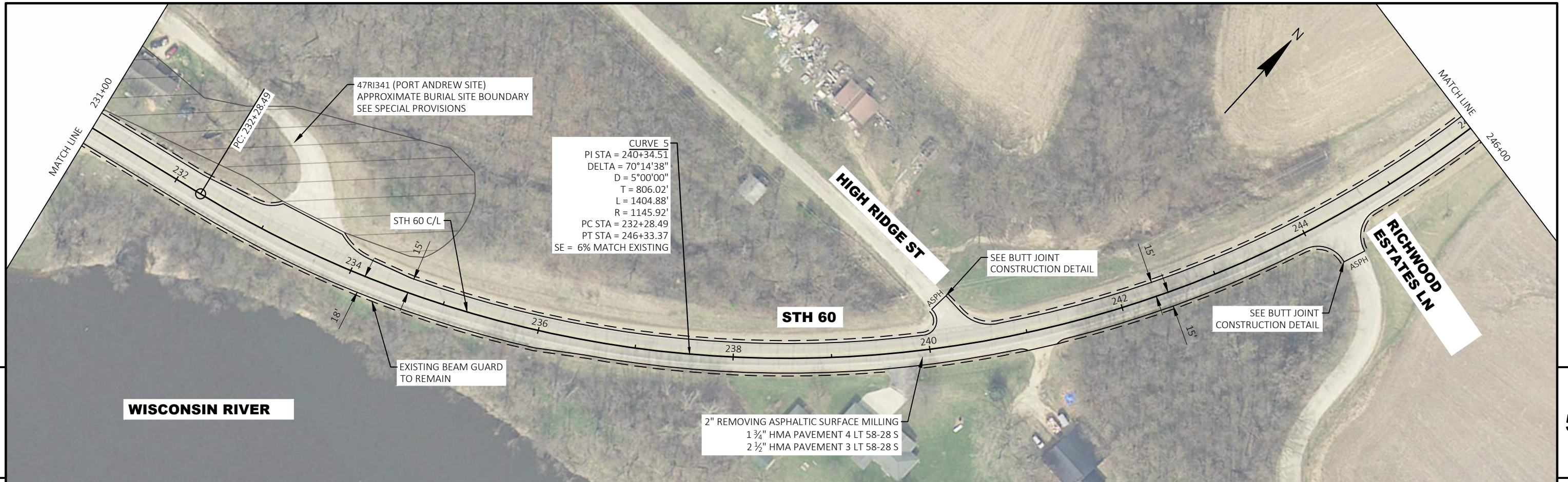




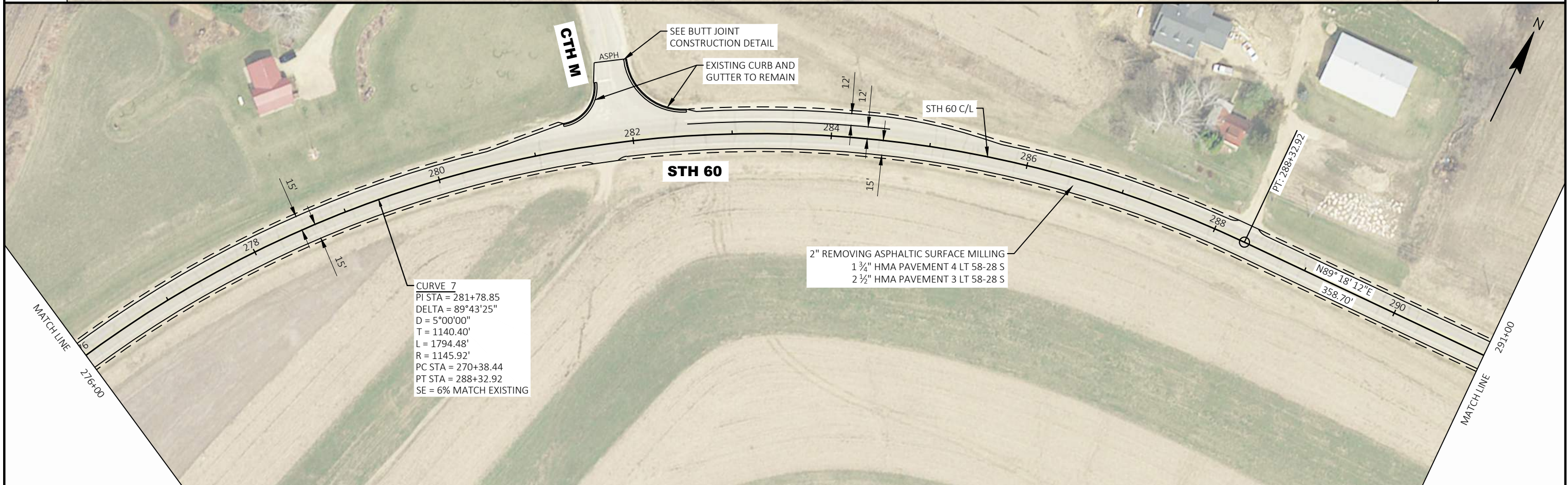
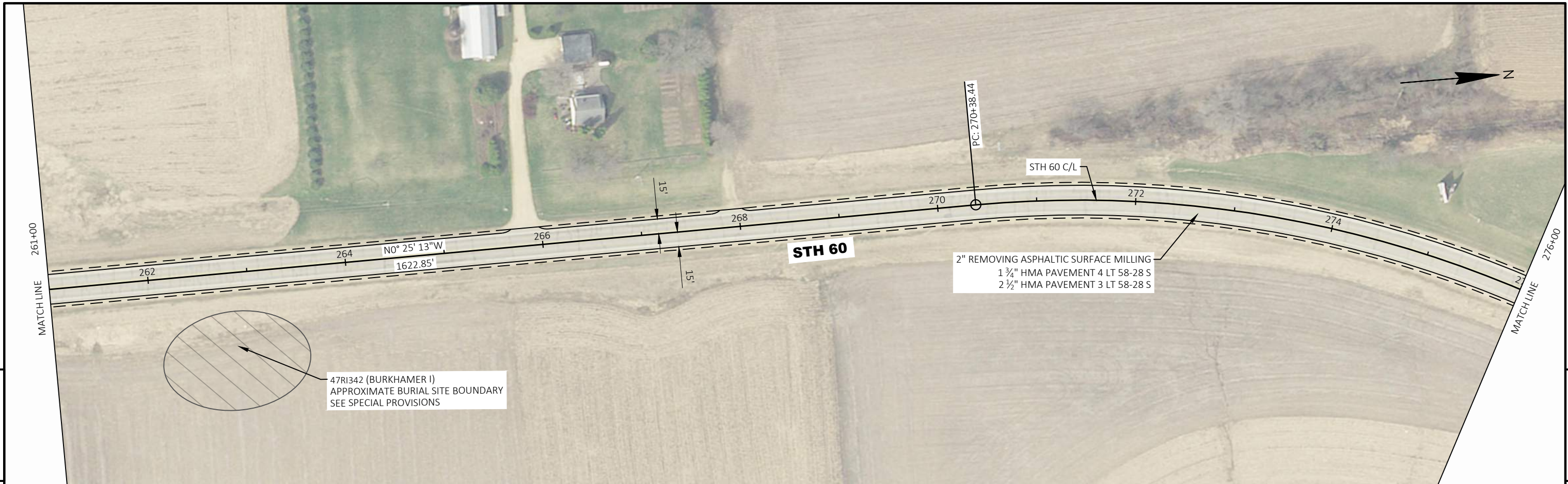
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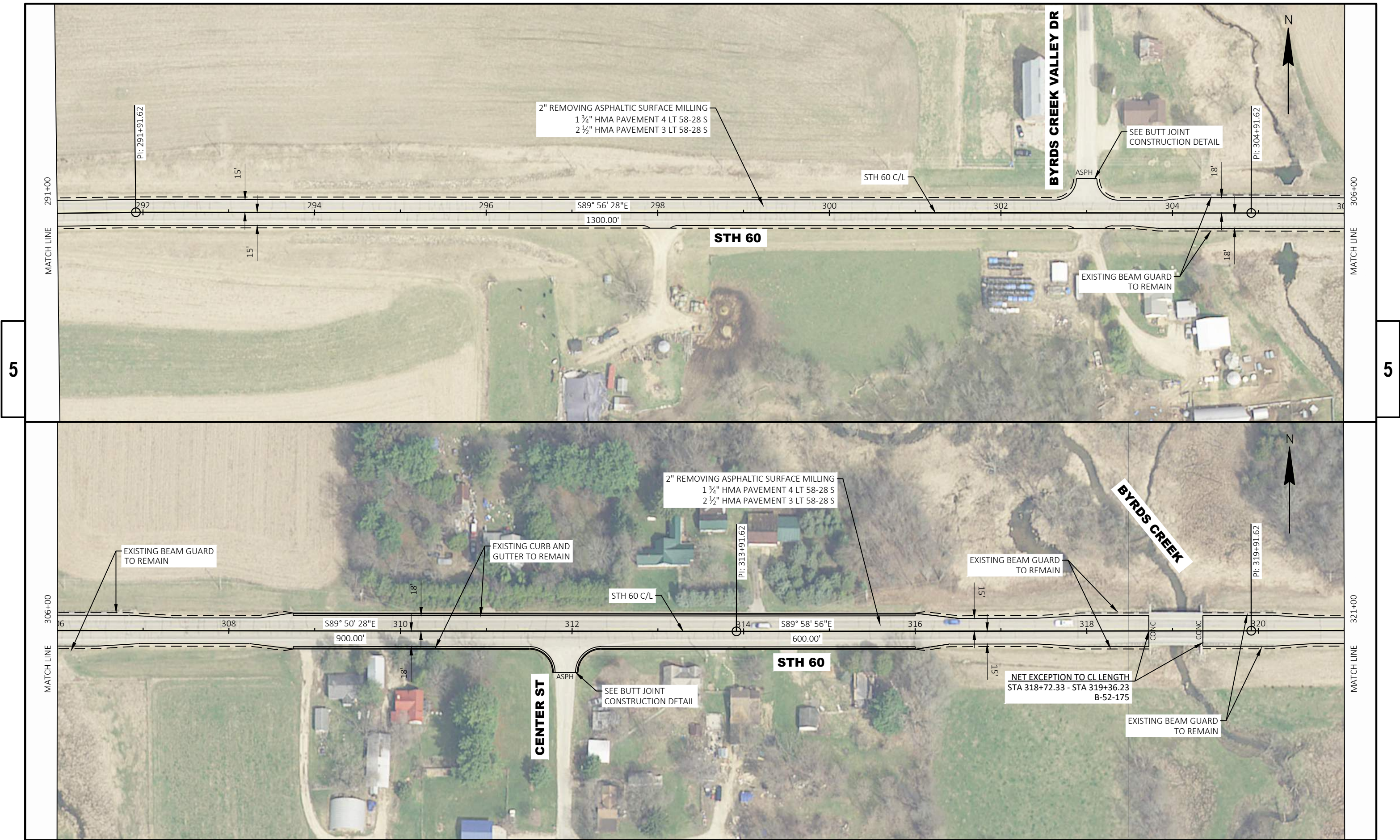
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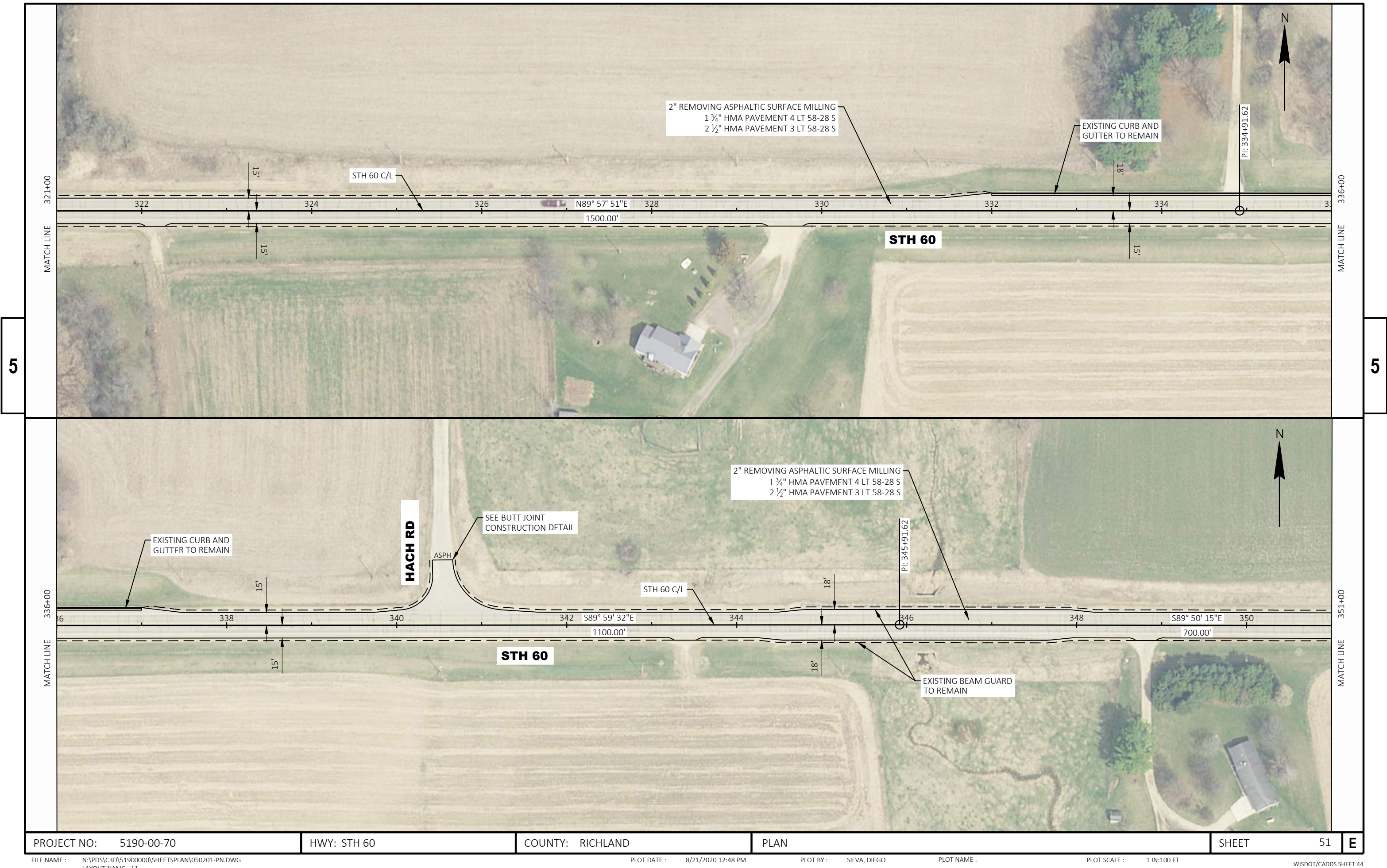


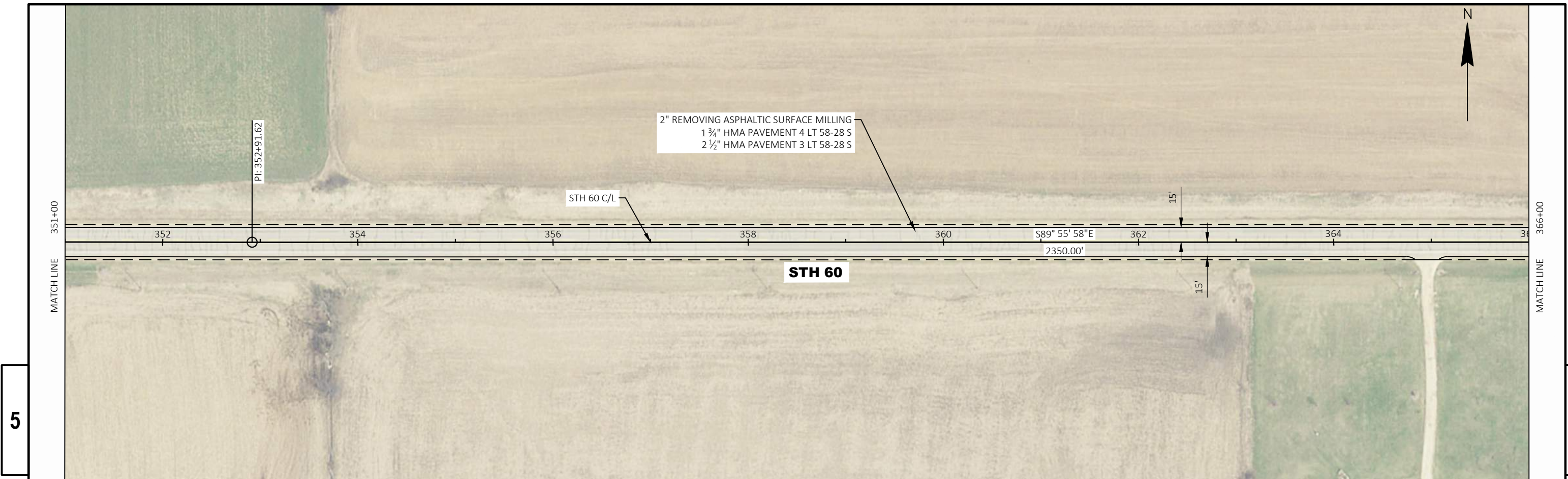
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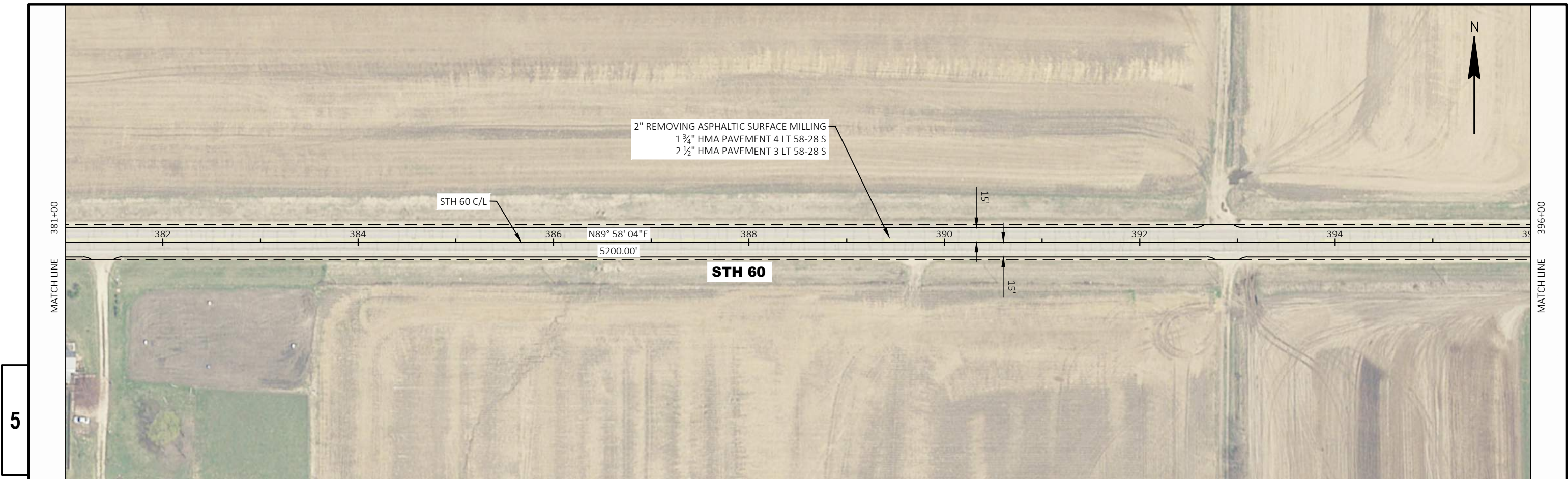


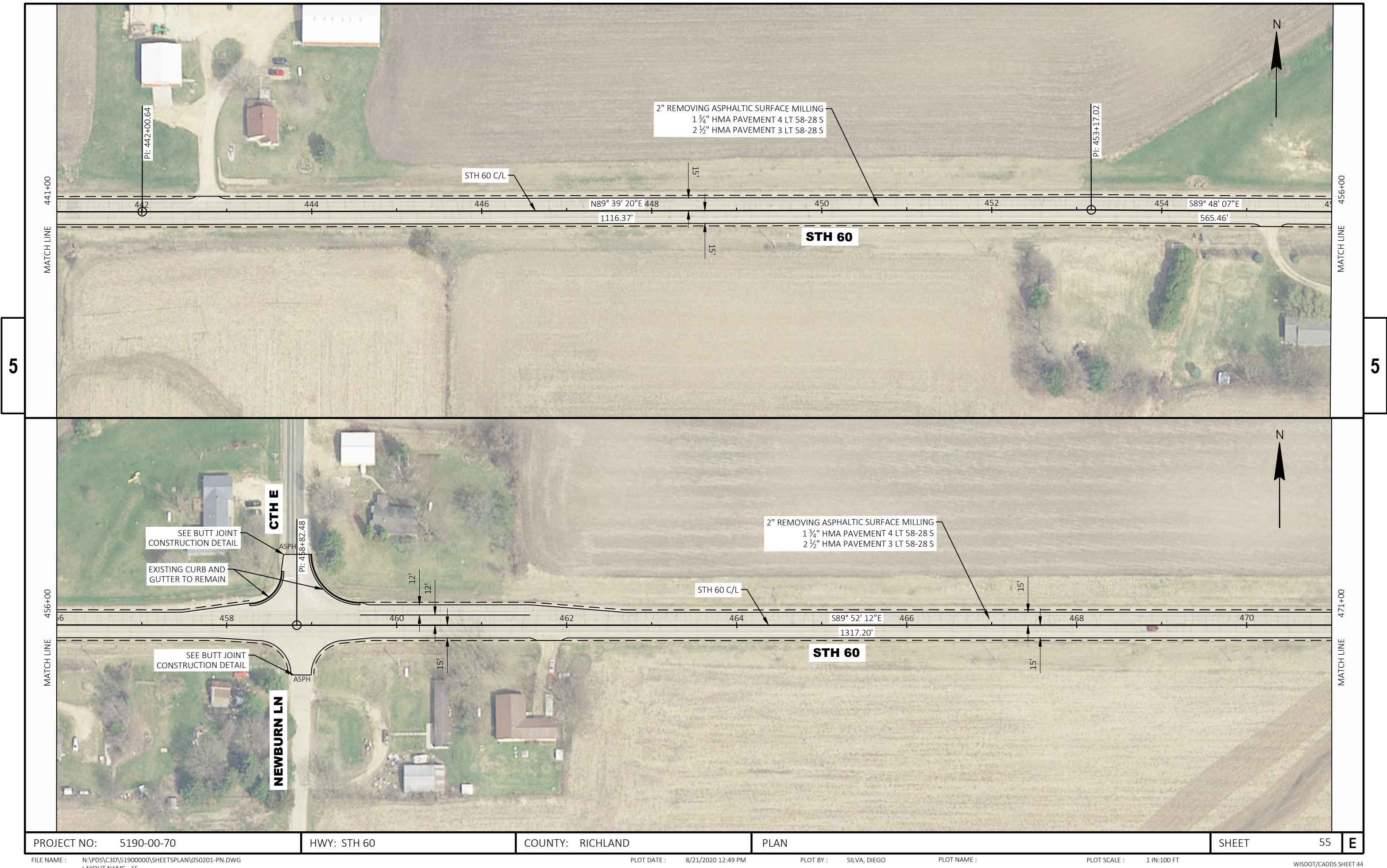
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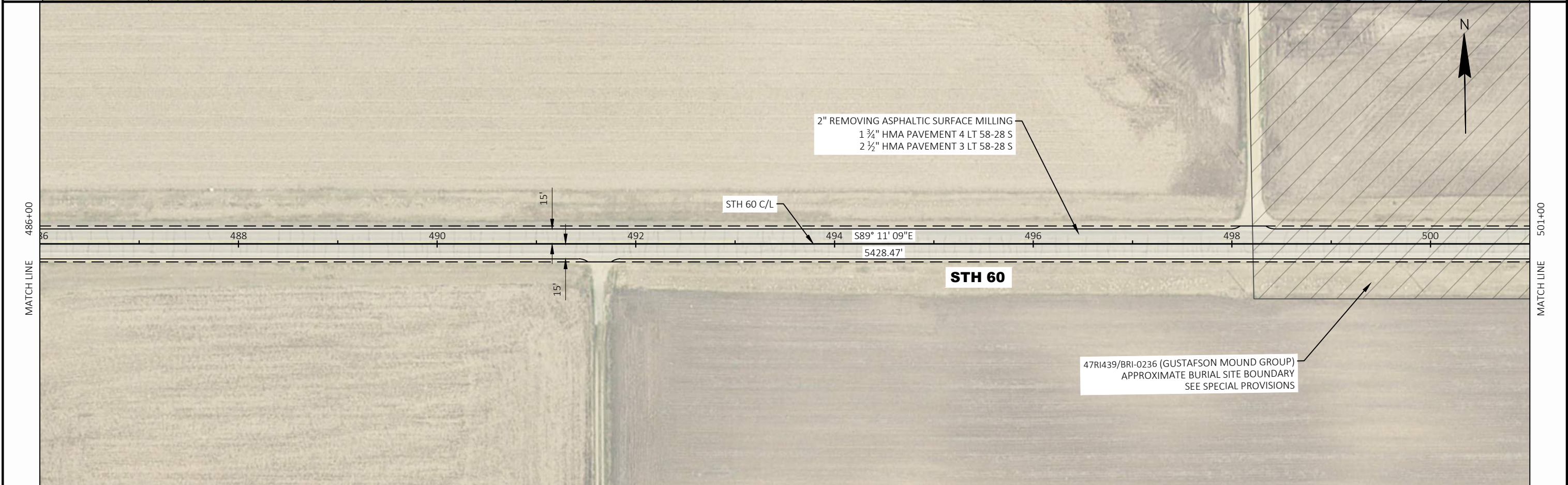
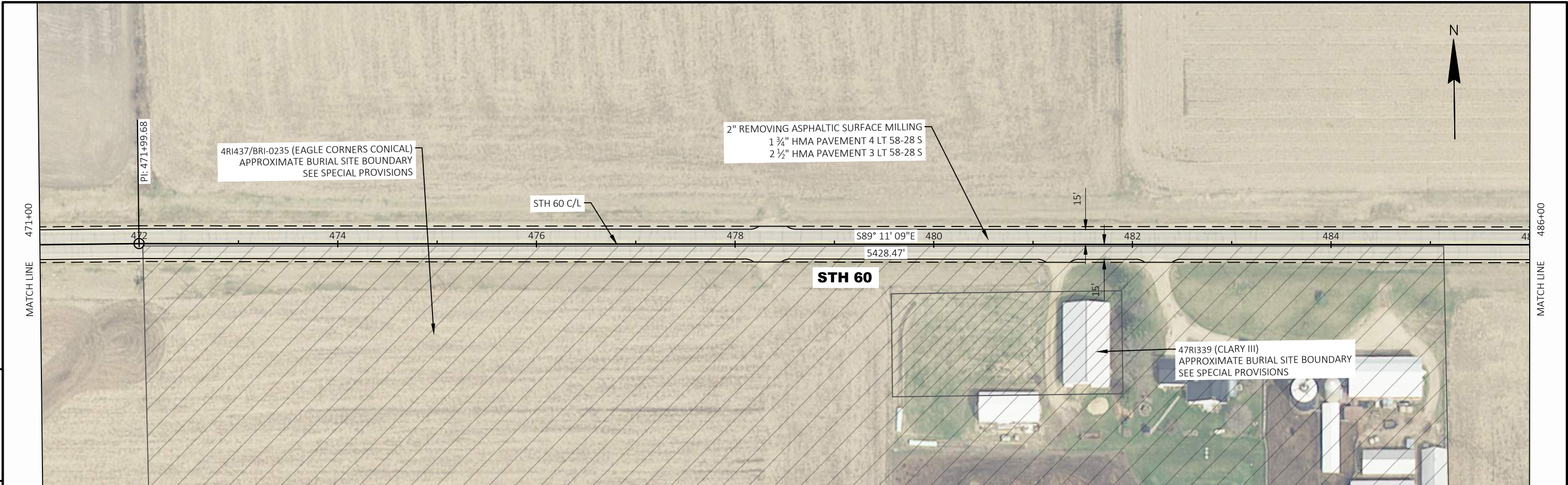




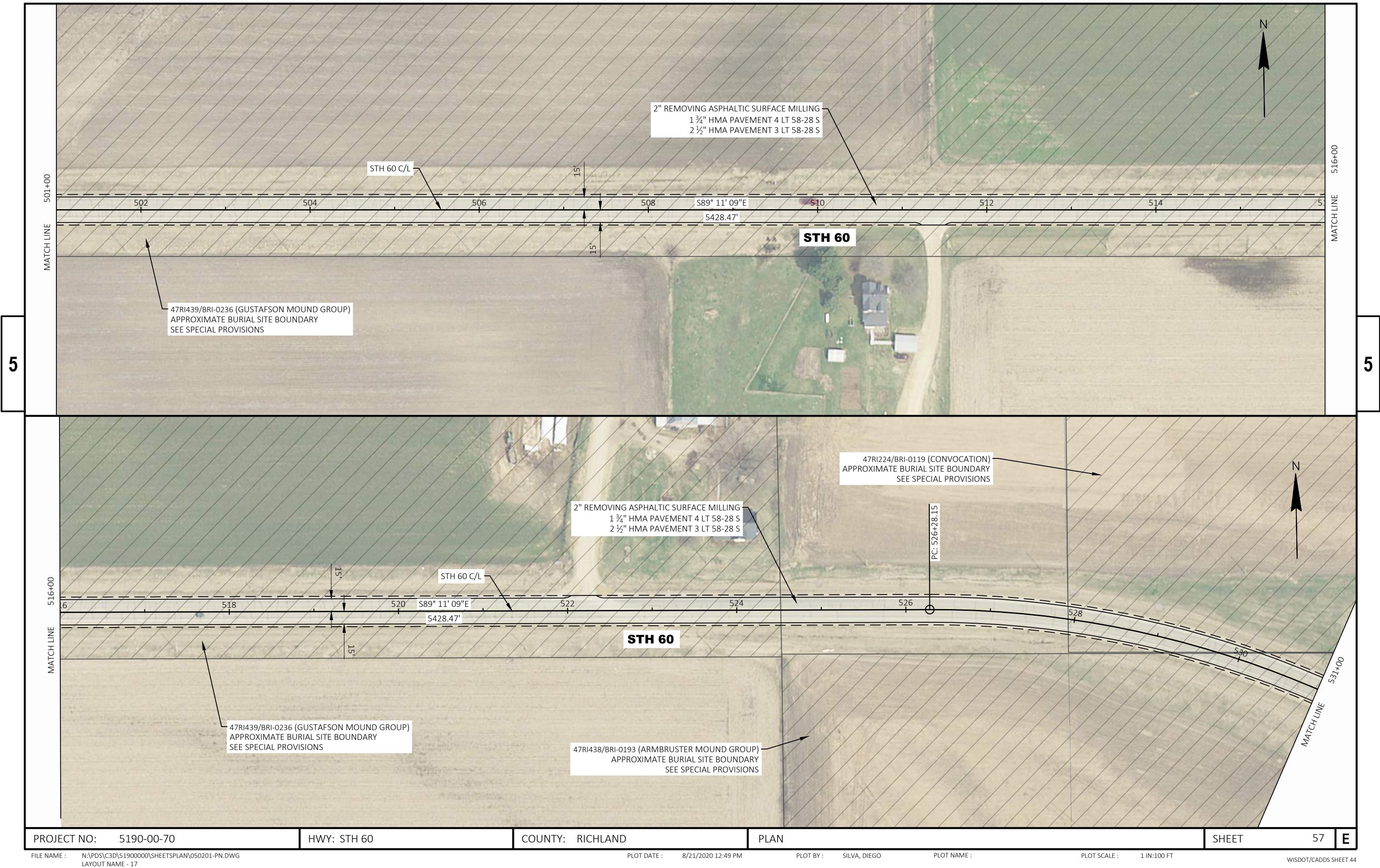


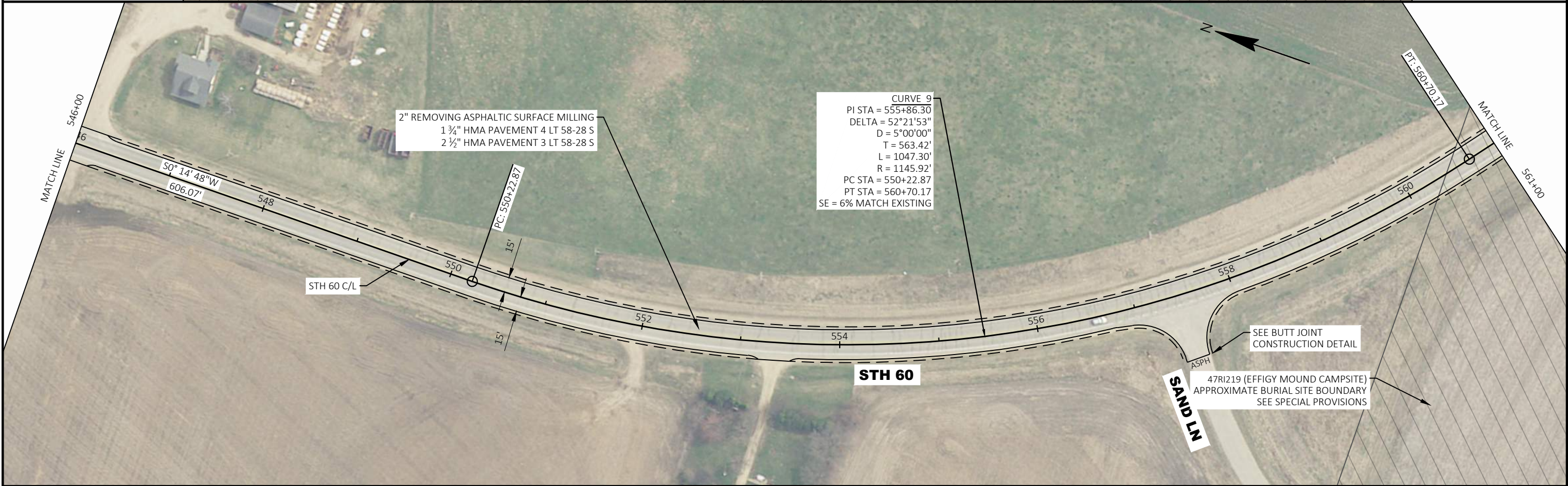
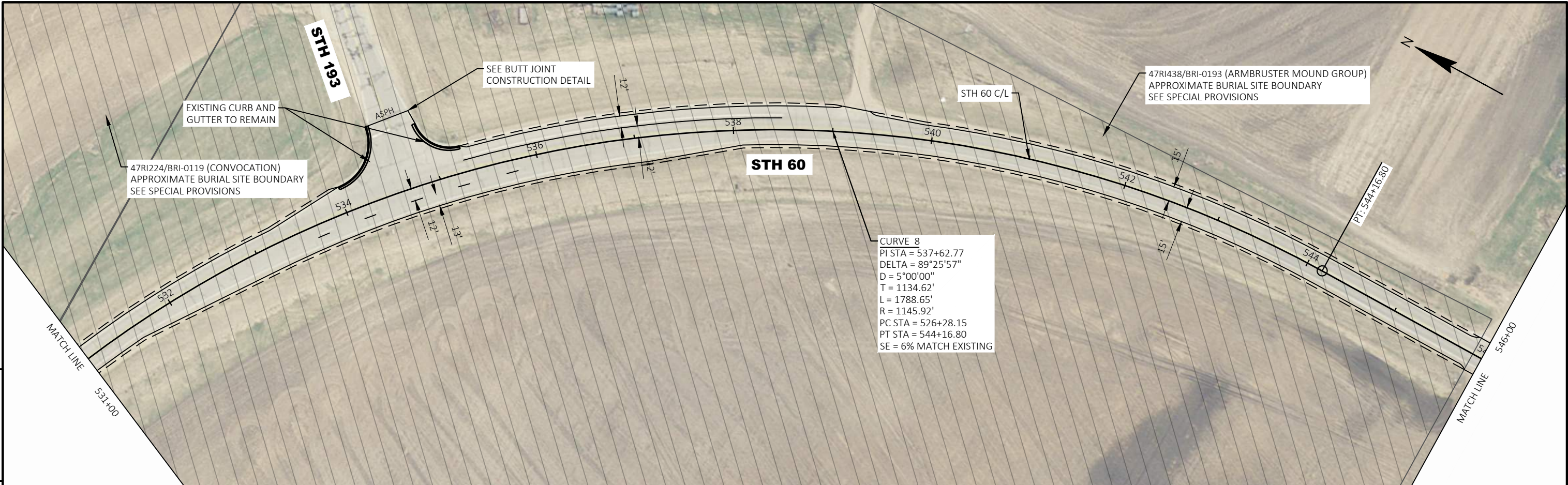


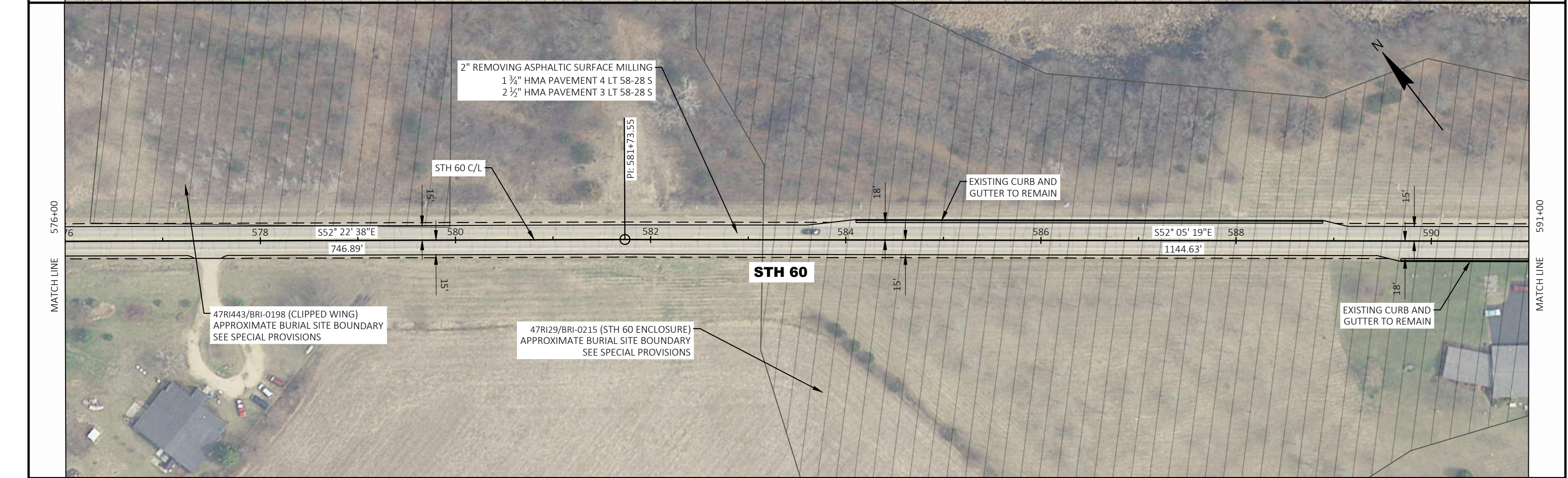


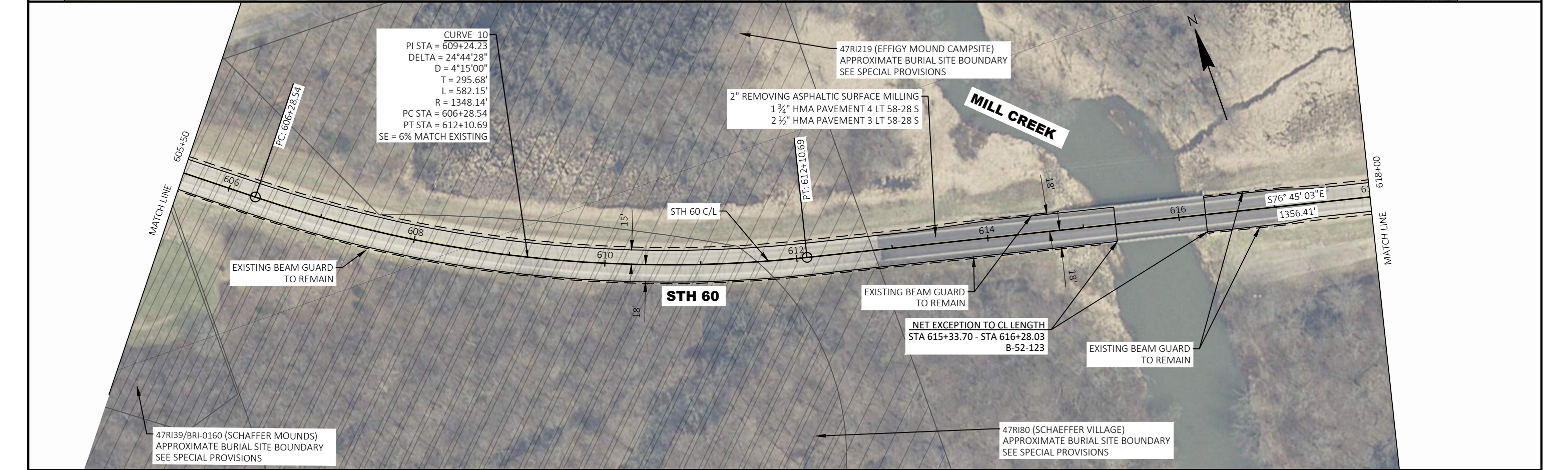
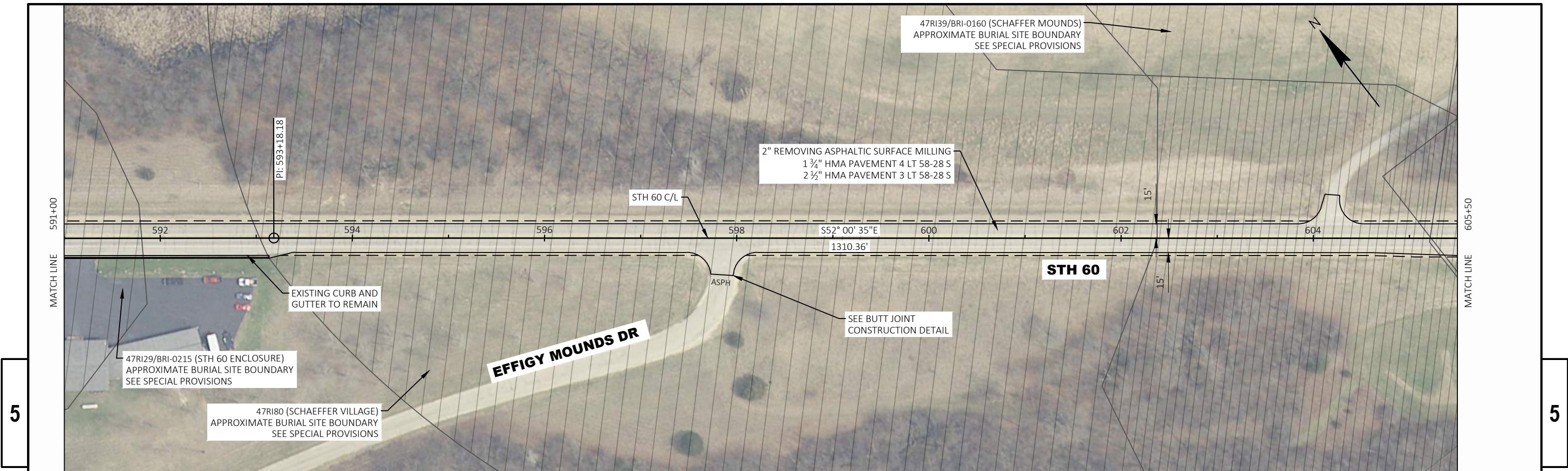


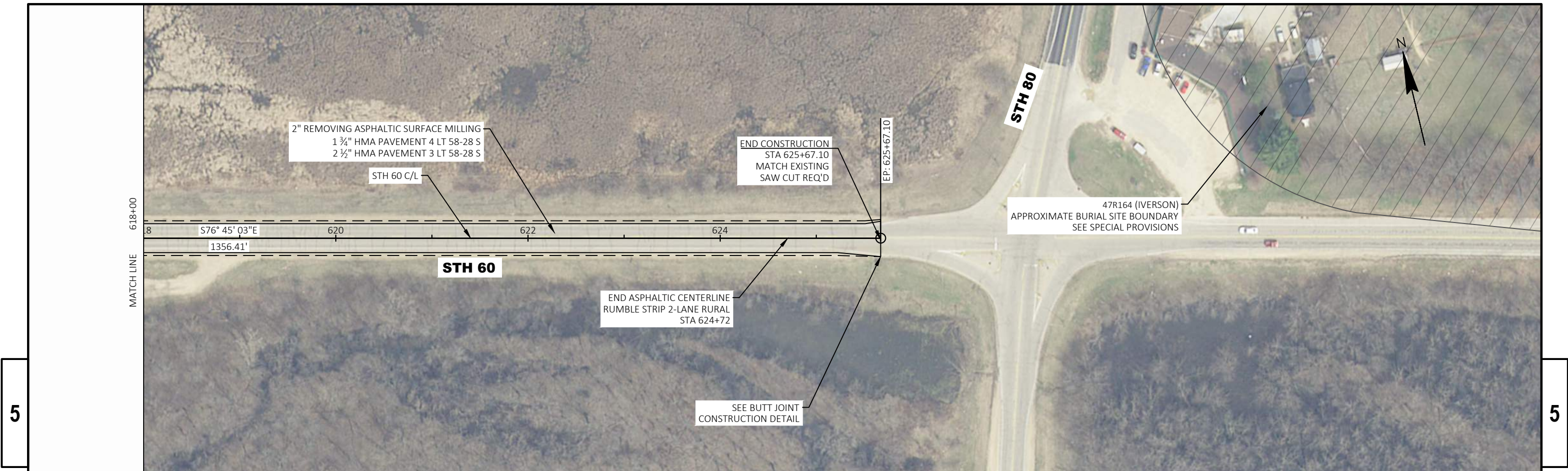
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