

PLAN OF PROPOSED IMPROVEMENT

SHEPARD AVE TO STH 32

MILWAUKEE

STATE PROJECT NUMBER

2040-03-75

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2040-03-75		

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 =



A.A.D.T.	2024	=	17,000	
A.A.D.T.	2044	=	20,300	
D.H.V.		=	2,010	
D.D.		=	56/44	
T.		=	5.0%	
DESIGN SPEED		=	45 MPH (STA 128+50-180+00); 55 MPH (STA 180+00-255+00)	
ESALS		=	1,700,000	

BEGIN PROJECT
STA 131+00

<u>PLAN</u>	
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	

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

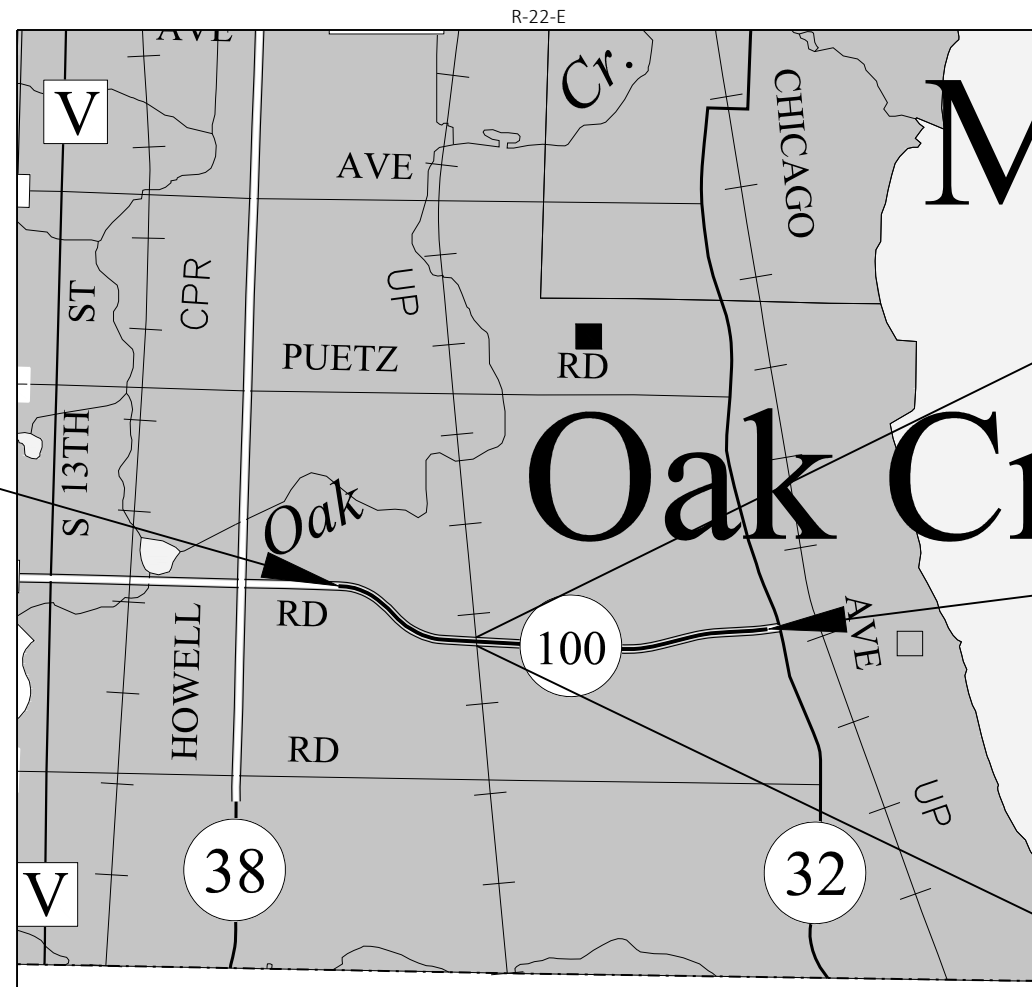
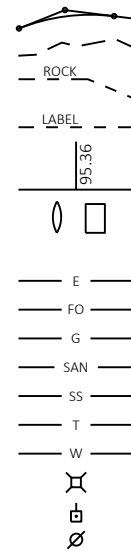
TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE



- B-40-0633

T-05-S

END PROJECT
STA 249+30

PROJECT ID 2040-20-70
B-40-0530

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 2.241 miles

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE 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	_____ WISDOT _____
Designer	_____ CLAYTON SMITH _____
Project Manager	_____ ROBERT BELLIN _____
Regional Examiner	_____ STEVE CHOINACKI _____
Regional Supervisor	_____ BENEDICT ERUCHALU _____
APPROVED FOR THE DEPARTMENT	
DATE: _____	_____ (Signature)

FILE NAME : N:\PDS\C3D\20400305\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 9/2/2020 6:57 AM

PLOT BY : SMITH, CLAYTON L

PLOT NAME :

GENERAL NOTES

- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE 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.
- D.O.T. BRIDGE BENCHMARK MONUMENT TO BE FURNISHED BY THE STATE AND PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.
- FOR INLET AND CATCH BASIN STRUCTURES LOCATED IN THE CURB OR IN FRONT OF BARRIER, STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE FLOW LINE. MH STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE. SEE CONSTRUCTION DETAILS.
- CONTACT THE PROJECT ENGINEER, THE COUNTY SURVEYOR, AND SEWRPC AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.
- VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT
- SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
- RESHAPE, RESTORE AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.
- PRIOR TO THE PLACEMENT OF STEEL PLATE BEAM GUARD OR MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.
- ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

- CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

GENERAL DRAINAGE NOTES

- INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES AND PIPES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.
- VERIFY THE EXISTING STORM SEWER SYSTEM CONNECTION LOCATIONS AND ELEVATIONS BEFORE ORDERING DRAINAGE STRUCTURES AND PIPES. NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLANS BEFORE INSTALLING THE PROPOSED STORM SEWER.

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES

UTILITY AND OTHER CONTACTS

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

PLAN DETAILS

PERMANENT SIGNING

PAVEMENT MARKING

TRAFFIC CONTROL

ALIGNMENT

HMA PAVING LAYER DEPTHS

PAVEMENT LOCATION	TOTAL PAVEMENT THICKNESS	LAYERS	TYPE
STH 100			
STA 131+00 - 249+30	2"	UPPER	4 MT 58-28 S

UTILITY CONTACTS

AT&T LEGACY - COMMUNICATION LINE

Kenneth Colwell
222 W Jackson
Woodstock, IL 60098
(312) 734-2223
kc1298@att.com

AT&T WISCONSIN - COMMUNICATION LINE

Matthew Dinnauer
2005 Pewaukee Rd
Waukesha, WI 53188-2443
(262) 896-7690
md9542@att.com

CENTURYLINK COMMUNICATIONS, LLC - COMMUNICATION LINE

General Mailbox Centurylink National OSP Reloc
CenturylinkNationalOSPRelocations@centurylink.com

LEVEL 3 COMMUNICATIONS LLC - COMMUNICATION LINE

Network Relocations
1025 Eldorado Blvd
Broomfield, CO 80021
NationalRelo@centurylink.com

ROGERS TELECOM - COMMUNICATION LINE

Vickie Moran
4804 N 40th St
Sheboygan, WI 53083
(920) 395-7125
vmoran@gabes.com

SPRINT COMMUNICATIONS CO LP - COMMUNICATION LINE

Dan Hilliard
849 Earl St
Saint Paul, MN 55106
(612) 217-3526
dan.j.hilliard@sprint.com

WINDSTREAM KDL, LLC - COMMUNICATION LINE

Mary Fisher
13935 Bishops Dr
Brookfield, WI 53005
(262) 792-7938
Mary.B.Fisher@windstream.com

WINDSTREAM NTI, LLC - COMMUNICATION LINE

Mary Fisher
13935 Bishops Dr
Brookfield, WI 53005
(262) 792-7938
Mary.B.Fisher@windstream.com

AT&T LOCAL NETWORK - COMMUNICATION LINE

Dale DeFever
39869 Linn St
Canton, MI 48147
(586) 242-2671
dd2579@att.com

AT&T MOBILITY - COMMUNICATION LINE

Marc Brown
301 E Milwaukee St
Janesville, WI 53545
(608) 755-5535
mb2682@att.com

ATC MANAGEMENT, INC. - ELECTRICITY-TRANSMISSION

Trans 220 Mailbox
801 O'keefe Rd
De Pere, WI 54115-6113
(920) 338-6582
dl-ATCDOTNotifications@atcllc.com

CHARTER COMMUNICATIONS - COMMUNICATION LINE

Beau Abuya
1320 N Dr Martin Luther King Jr Dr
Milwaukee, WI 53212-4002
(414) 908-1343
wis.engineering@charter.com

TDS METROCOM LLC - COMMUNICATION LINE

Michael Sweet
525 Junction Rd
Madison, WI 53717
(608) 664-4539
Michael.Sweet@tdstelecom.com

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT - SEWER

Micki Klappa-Sullivan
260 W Seeboth St
Milwaukee, WI 53204
(414) 225-2178
MKlappaSullivan@mmsd.com

PAETEC COMMUNICATIONS, LLC - COMMUNICATION LINE

Mary Fisher
13935 Bishops Dr
Brookfield, WI 53005
(262) 792-7938
Mary.B.Fisher@windstream.com

VERIZON BUSINESS - COMMUNICATION LINE

OSP National Support/Investigations
2400 North Glenville
Richardson, TX 75082
Investigations@verizon.com

UTILITY CONTACTS

WE ENERGIES - ELECTRIC

WE Energies Utility Coordinator
500 S 116th Street
West Allis, WI 53214
(414) 221-2738
We-Utility-Relocations@we-energies.com

WE ENERGIES - GAS/PETROLEUM

WE Energies Utility Coordinator
500 S 116th Street
West Allis, WI 53214
(414) 221-2738
We-Utility-Relocations@we-energies.com

OTHER CONTACTS

CITY OF OAK CREEK

Matthew Sullivan
8640 S Howell Avenue
Oak Creek, WI 53154
(414) 768-6534
msullivan@oakcreekwi.org

OAK CREEK WATER AND SEWER UTILITY

Bryan Johnston
170 West Drexel Ave
Oak Creek, WI 53154
(414) 570-8200 Ext. 24
bjohnston@water.oak-creek.wi.us

MILWAUKEE COUNTY DPW - ROADS

Daniel Murphy
10320 W. Watertown Plank Rd.
Wauwatosa, WI 53226
(414) 257-5942
daniel.murphy@milwaukeecountywi.gov

MILWAUKEE COUNTY DPW - ELECTRICAL

Blake Prusak
1150 N 68th Street
Milwaukee, WI 53213
blake.prusak@milwaukeecountywi.gov

UNION PACIFIC RAILROAD

Chris T. Keckeisen
1400 Douglas, Ms 0910
Omaha, Ne 68179
(402) 544-5131
Ctkecke@Up.Com

WISDNR

Kristina Betzold
2300 N. Dr. Martin Luther King Jr. Dr.
Milwaukee, Wi 53212
(414) 507-4946
Kristina.Betzold@wisconsin.gov

WISDOT STREET LIGHTING

Eric Perea
141 NW Barstow Street
Waukesha, WI 53087-0798
(262) 574-5422
Eric.Perea@dot.wi.gov

WISDOT SIGNALS

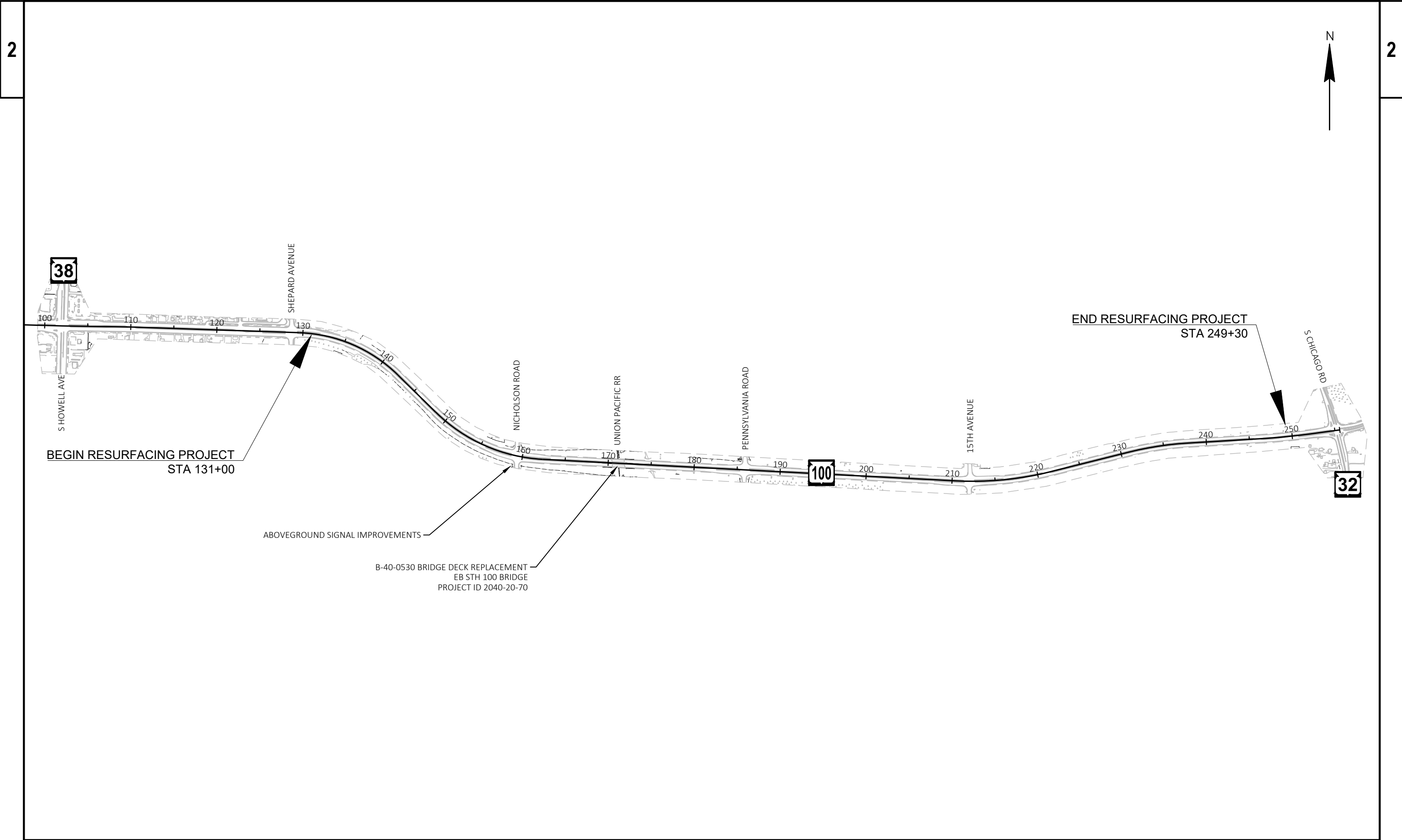
Parwinder Virk
141 NW Barstow Street
Waukesha, WI 53188
(414) 852-0829
parwinder.virk@dot.wi.gov

WISDOT ATR PULL BOXES - ELECTRICAL

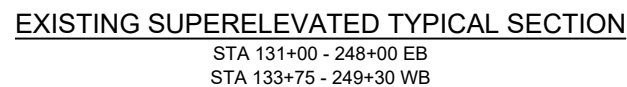
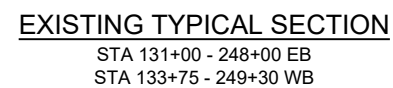
Chad Bigler
Travel Survey Shop, 3633 Pierstoff St
PO Box 2583
Madison, WI 53704-2583
(608) 535-7413
chad.bigler@dot.wi.gov



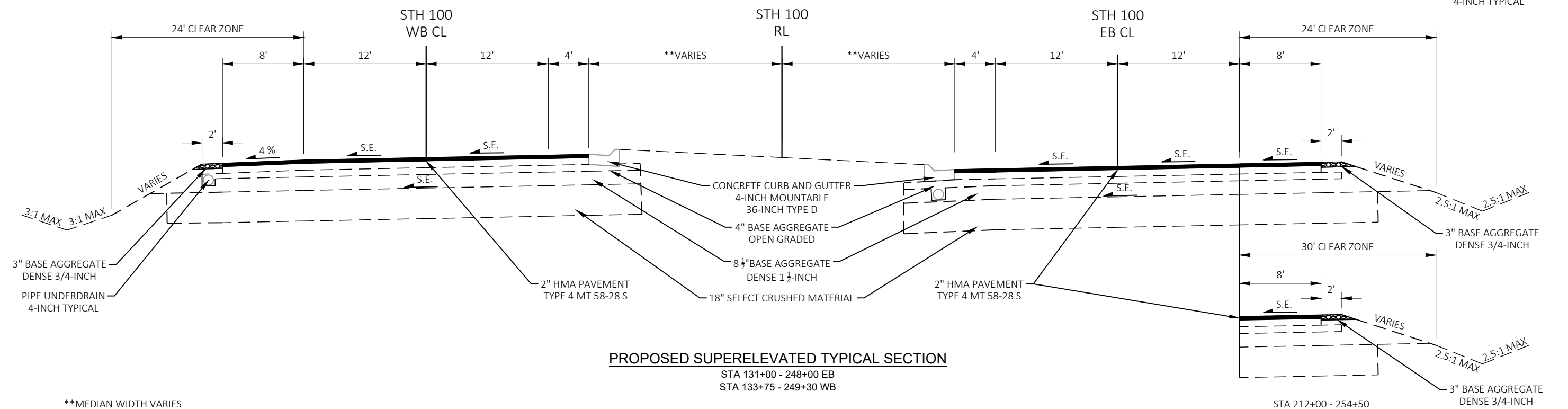
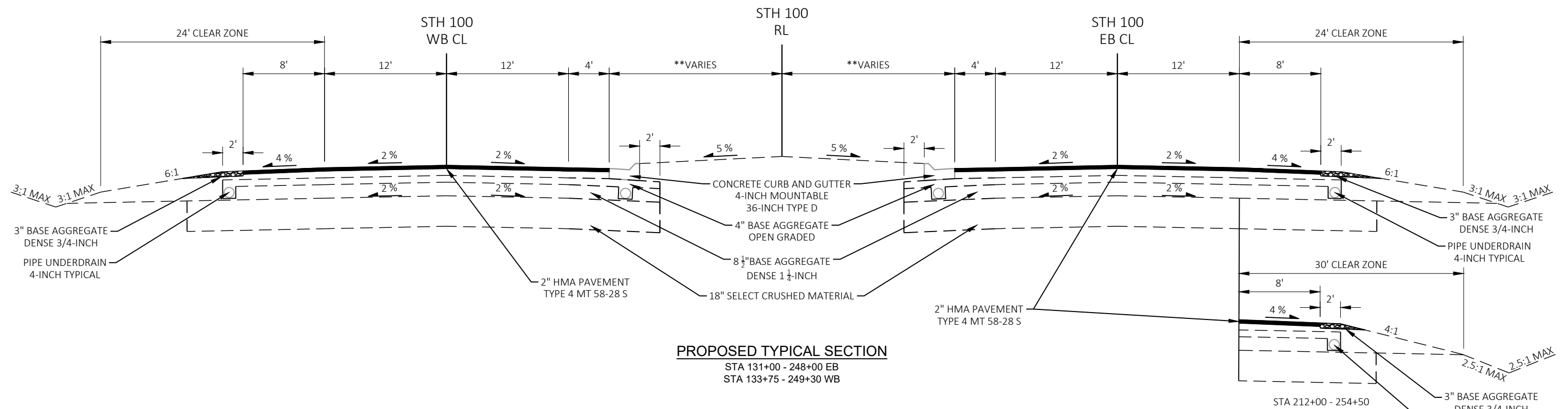
Dial 811 or (800) 242-8511
www.DiggersHotline.com



PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET	E
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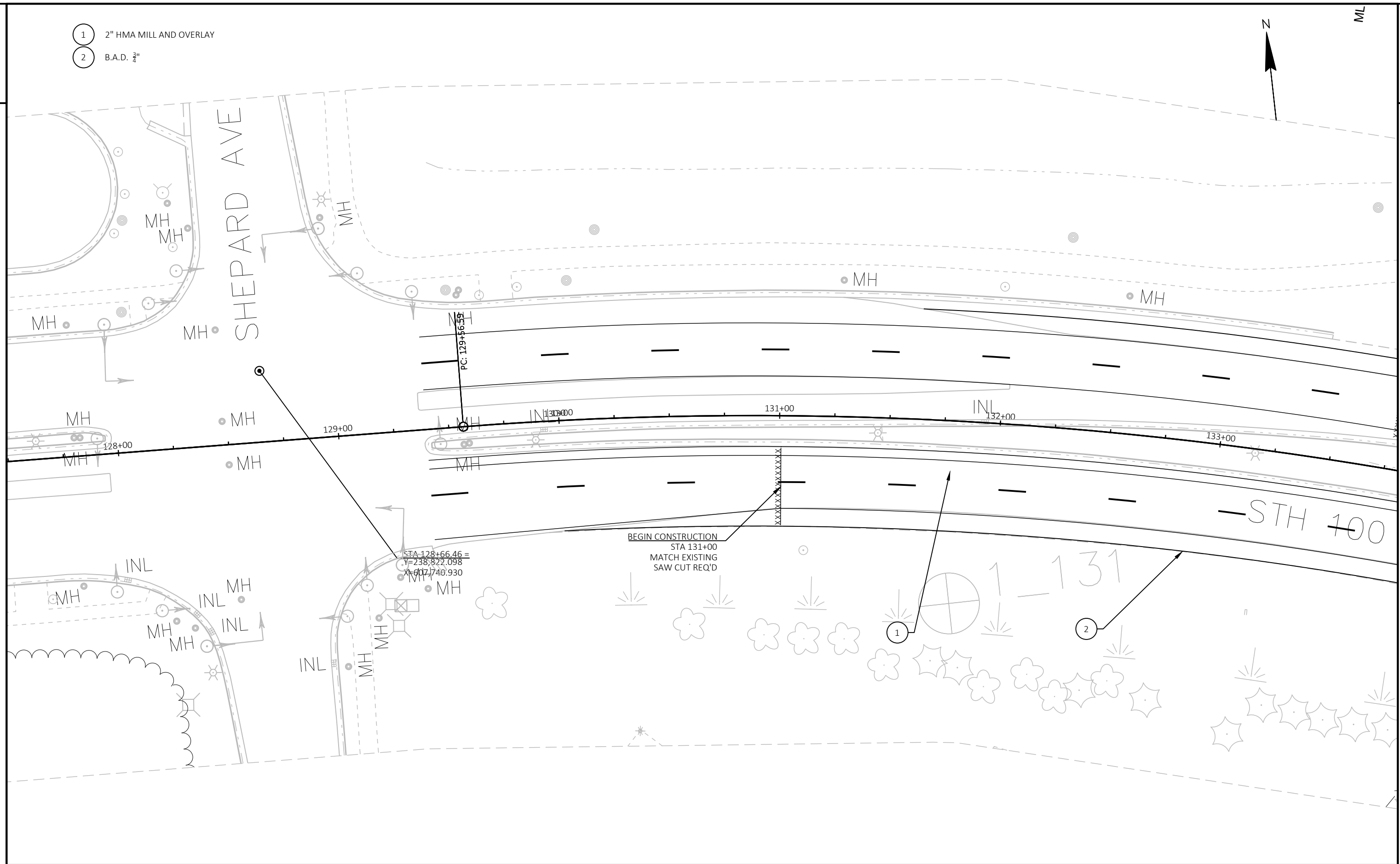


WISDOT/CADDS SHEET 42

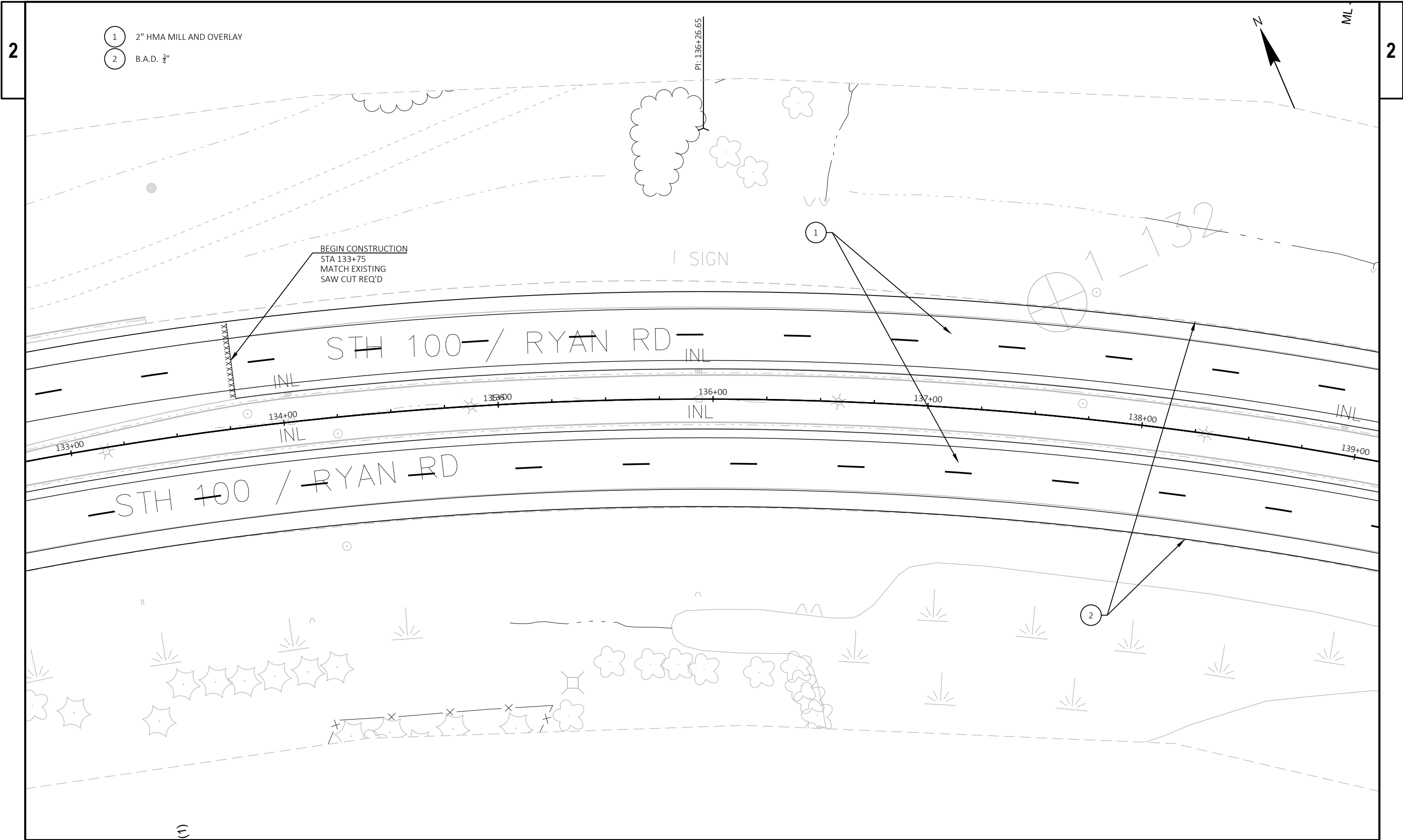


**MEDIAN WIDTH VARIES
STA 128+50 - 131+50: MEDIAN WIDTH VARIES 13'-14'
STA 131+50 - 254+50: MEDIAN WIDTH 14'

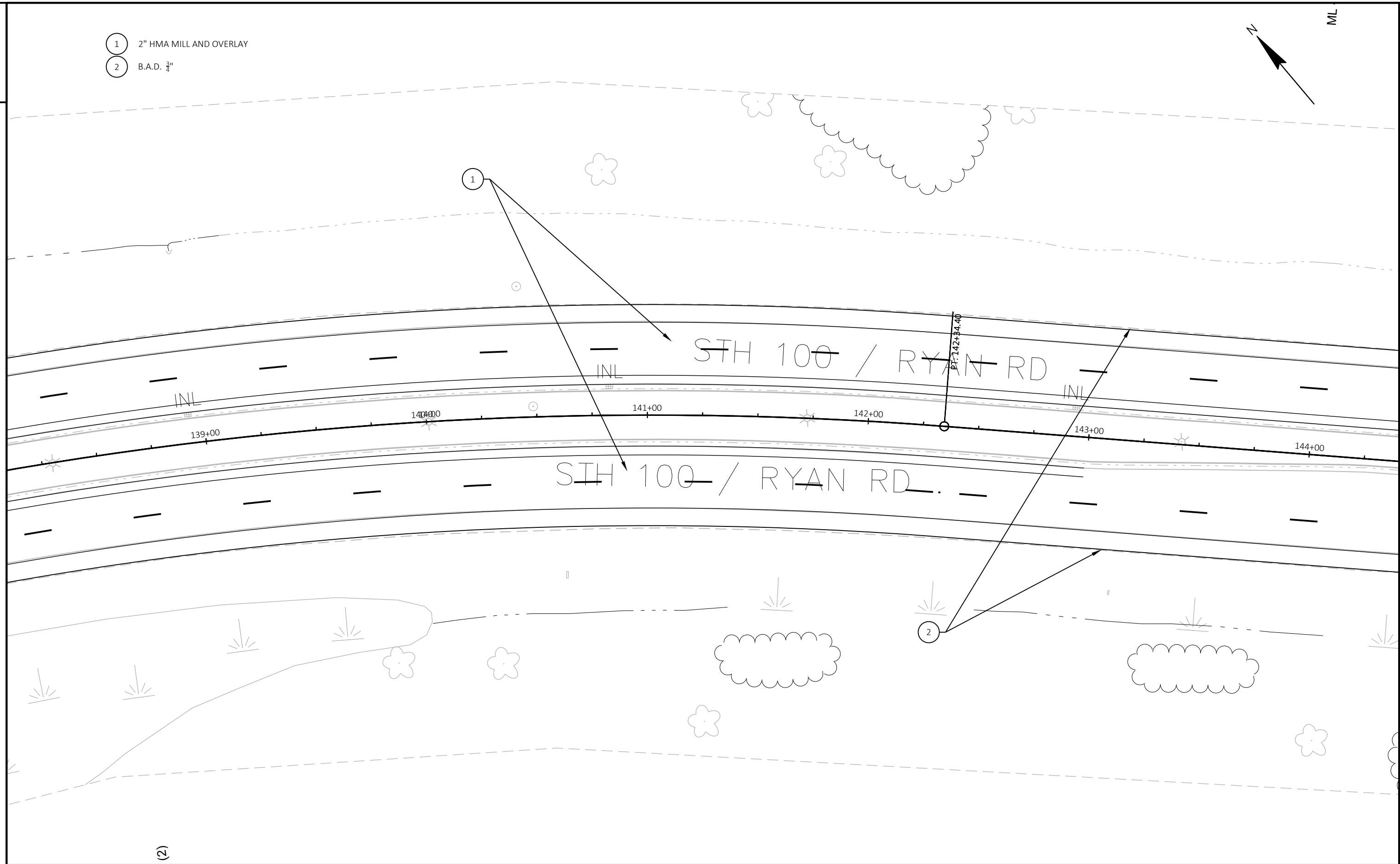
- 1 2" HMA MILL AND OVERLAY
- 2 B.A.D. $\frac{3}{4}$ "



PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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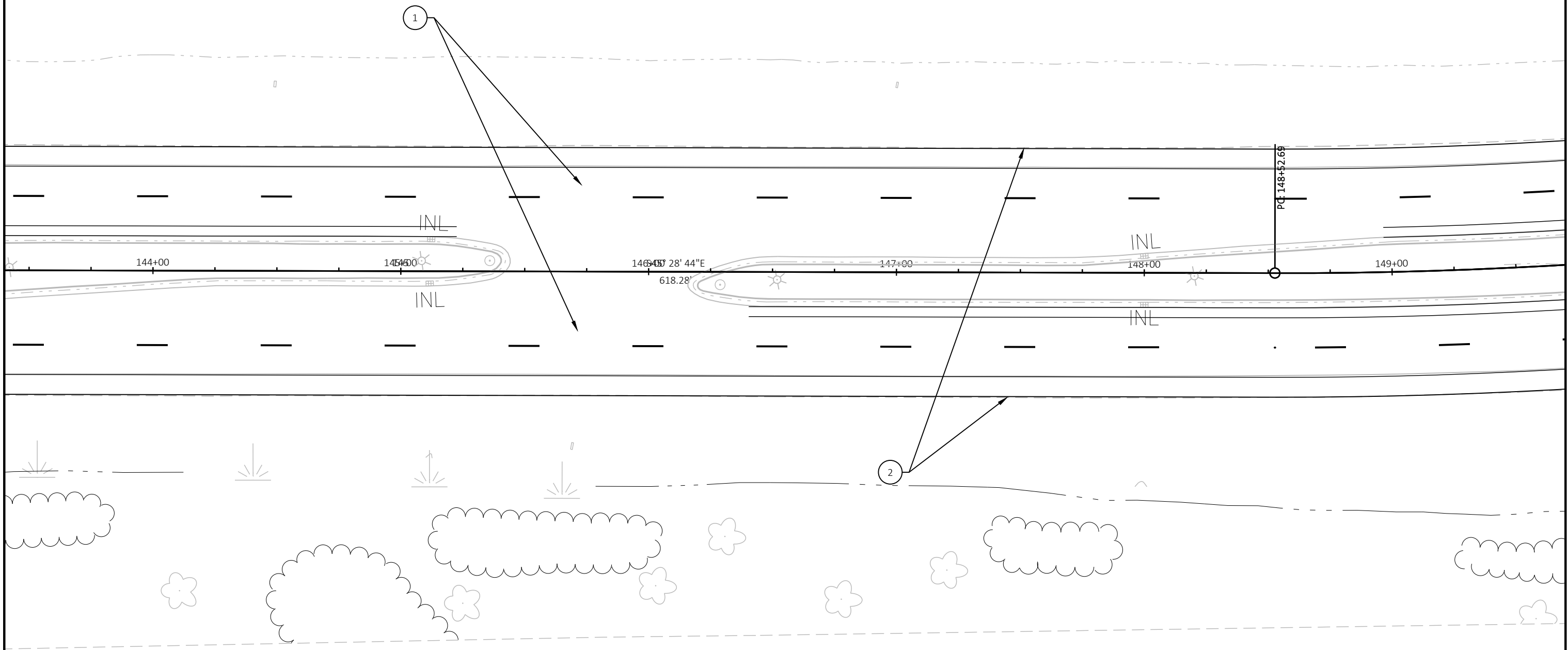
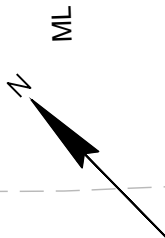


- 1 2" HMA MILL AND OVERLAY
- 2 B.A.D. $\frac{3}{4}$ "



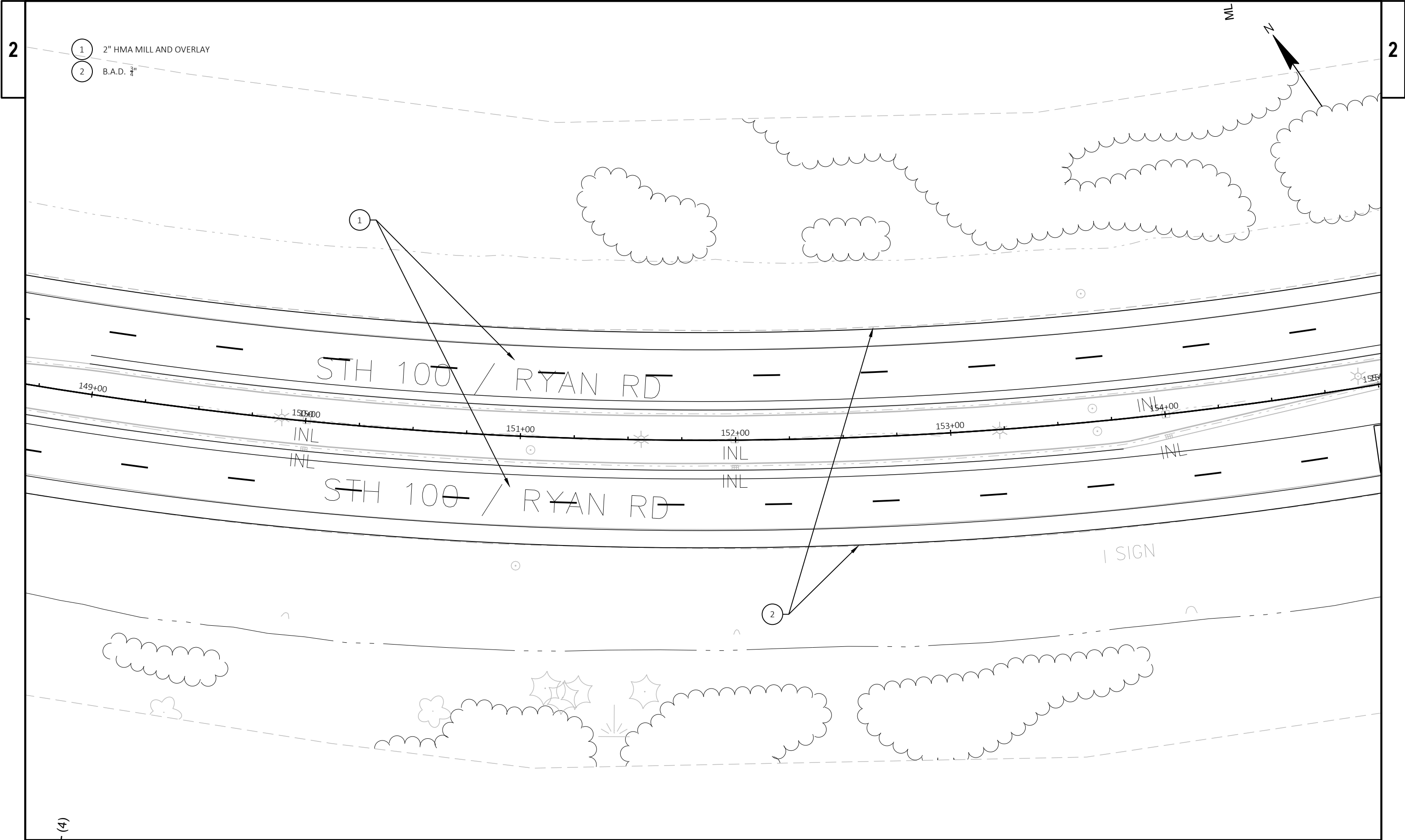
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- 1 2" HMA MILL AND OVERLAY
- 2 B.A.D. $\frac{3}{4}"$

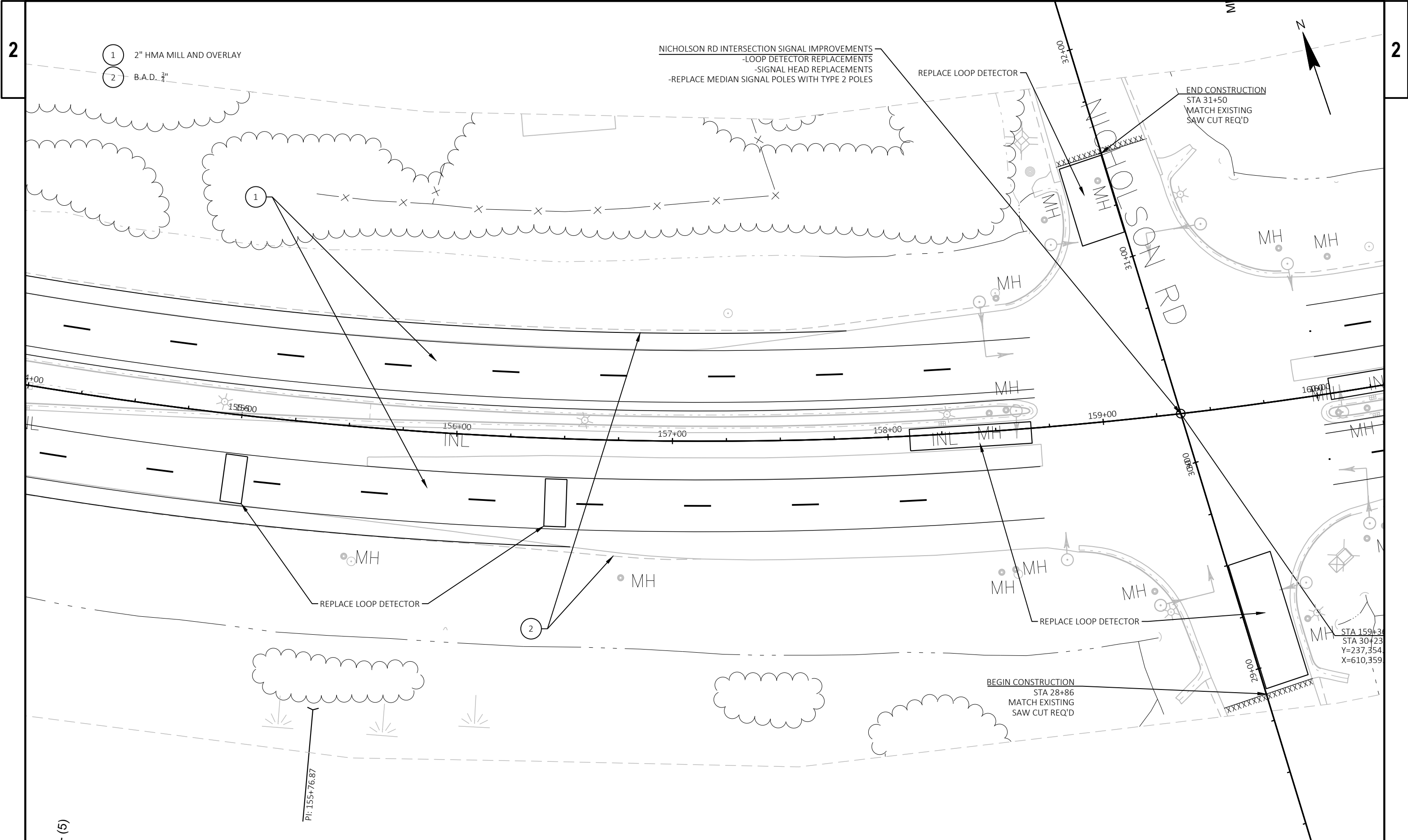


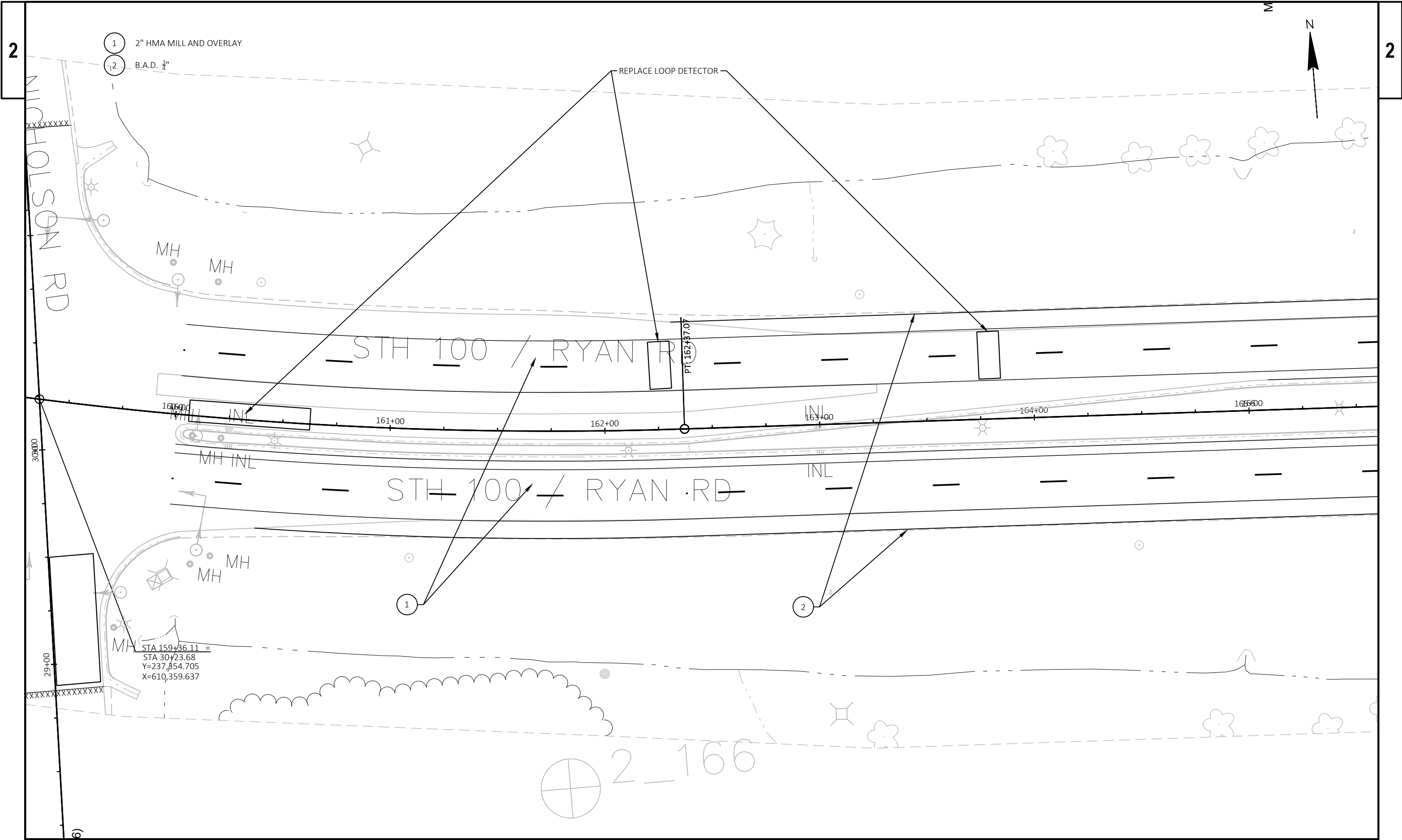
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PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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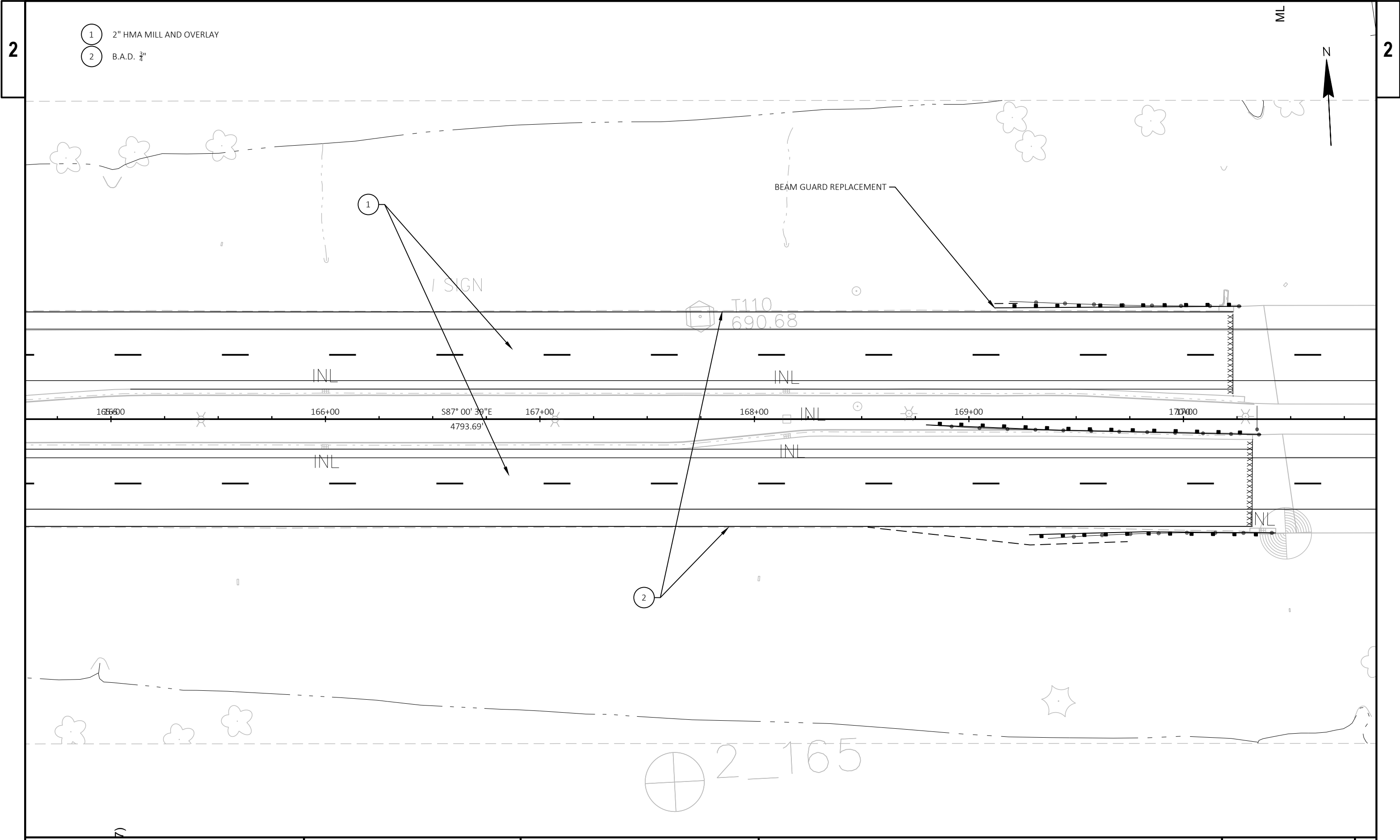


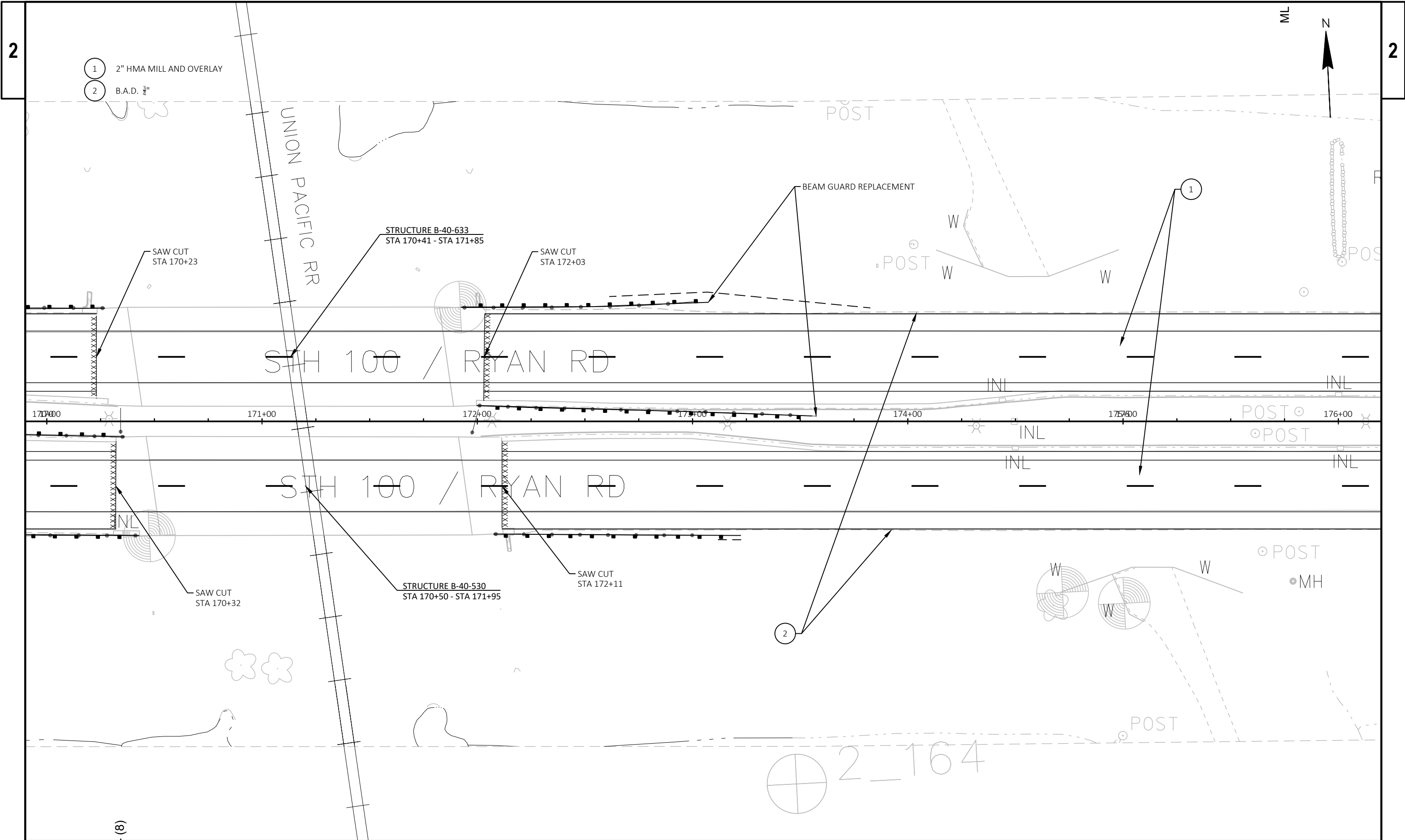
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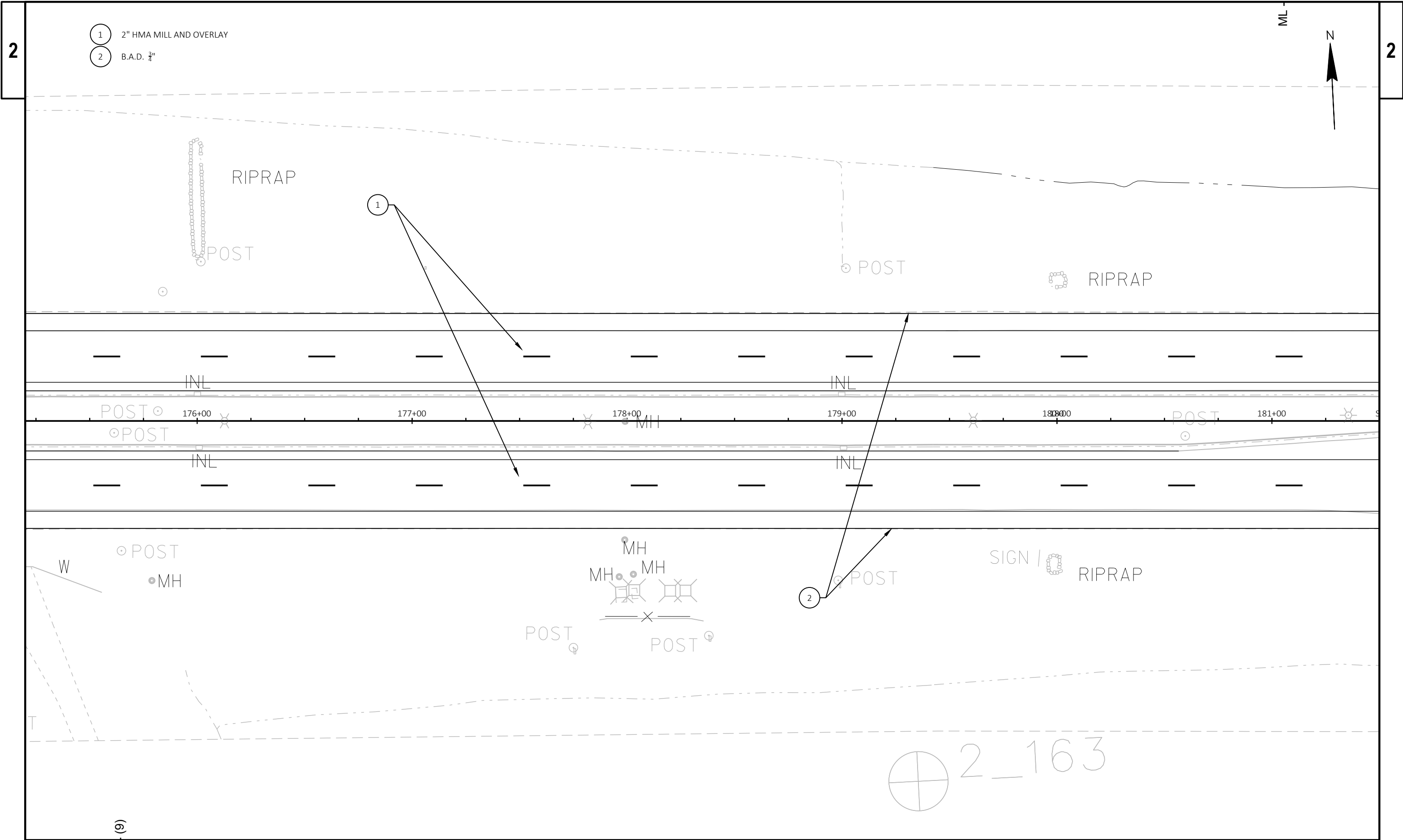


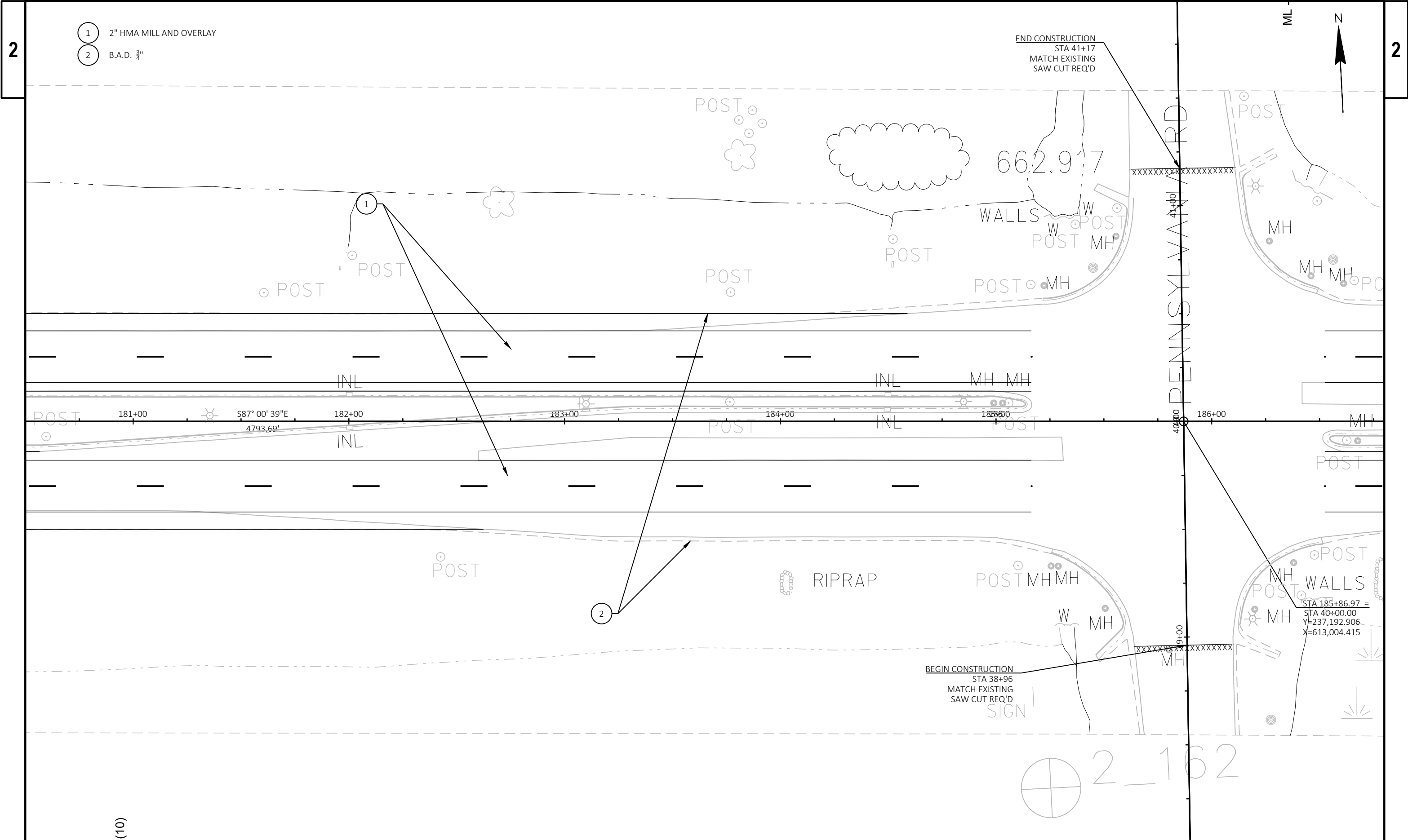
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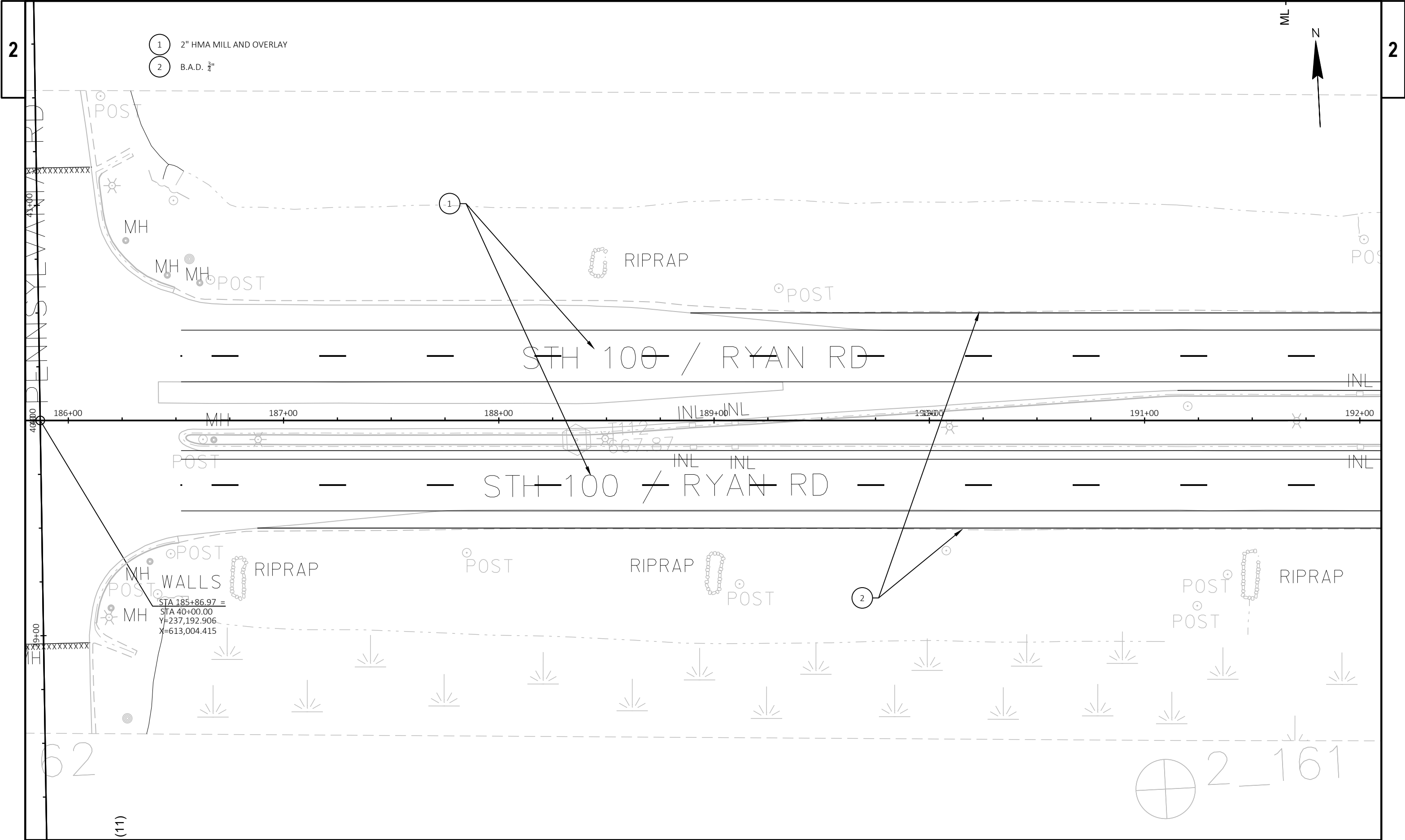


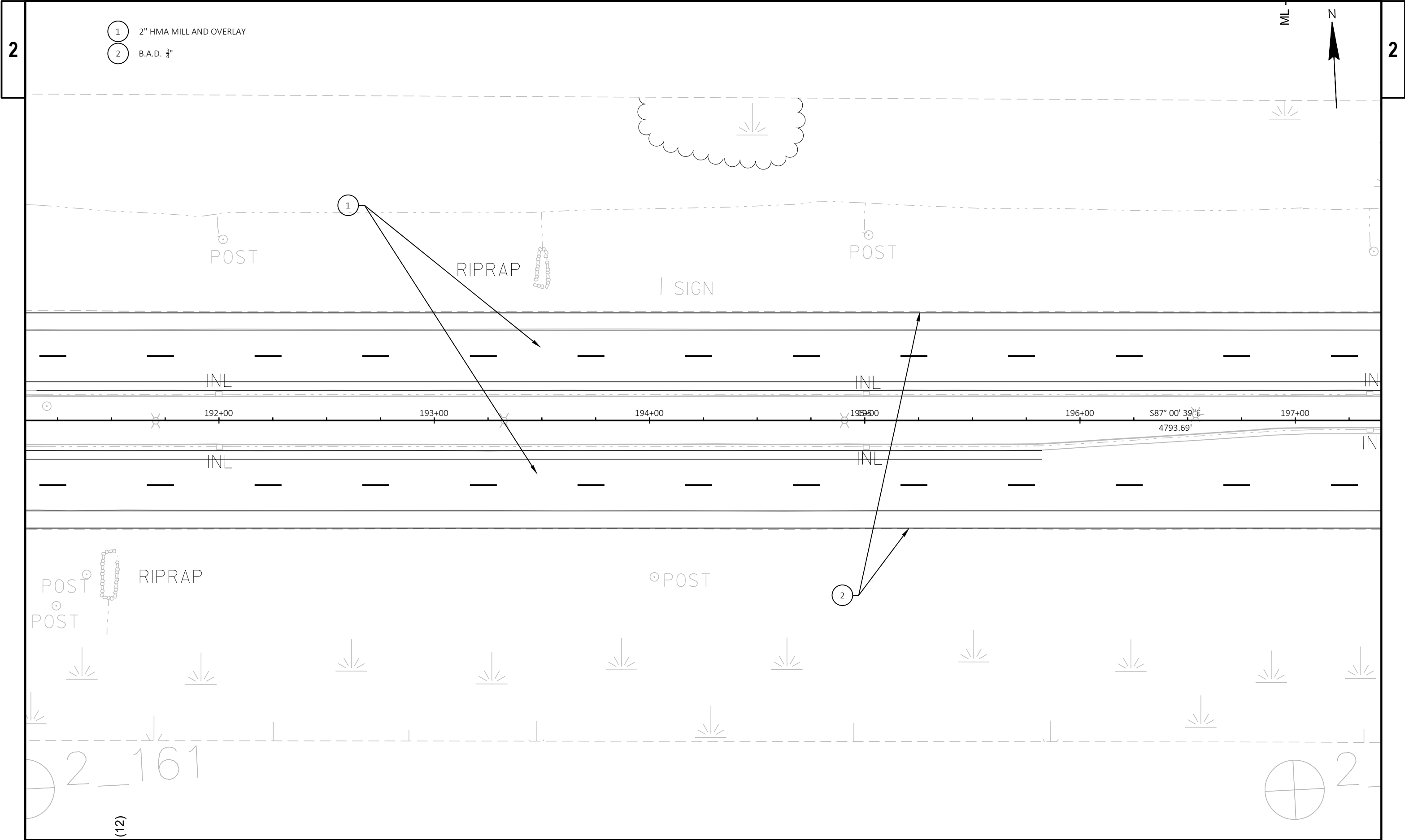


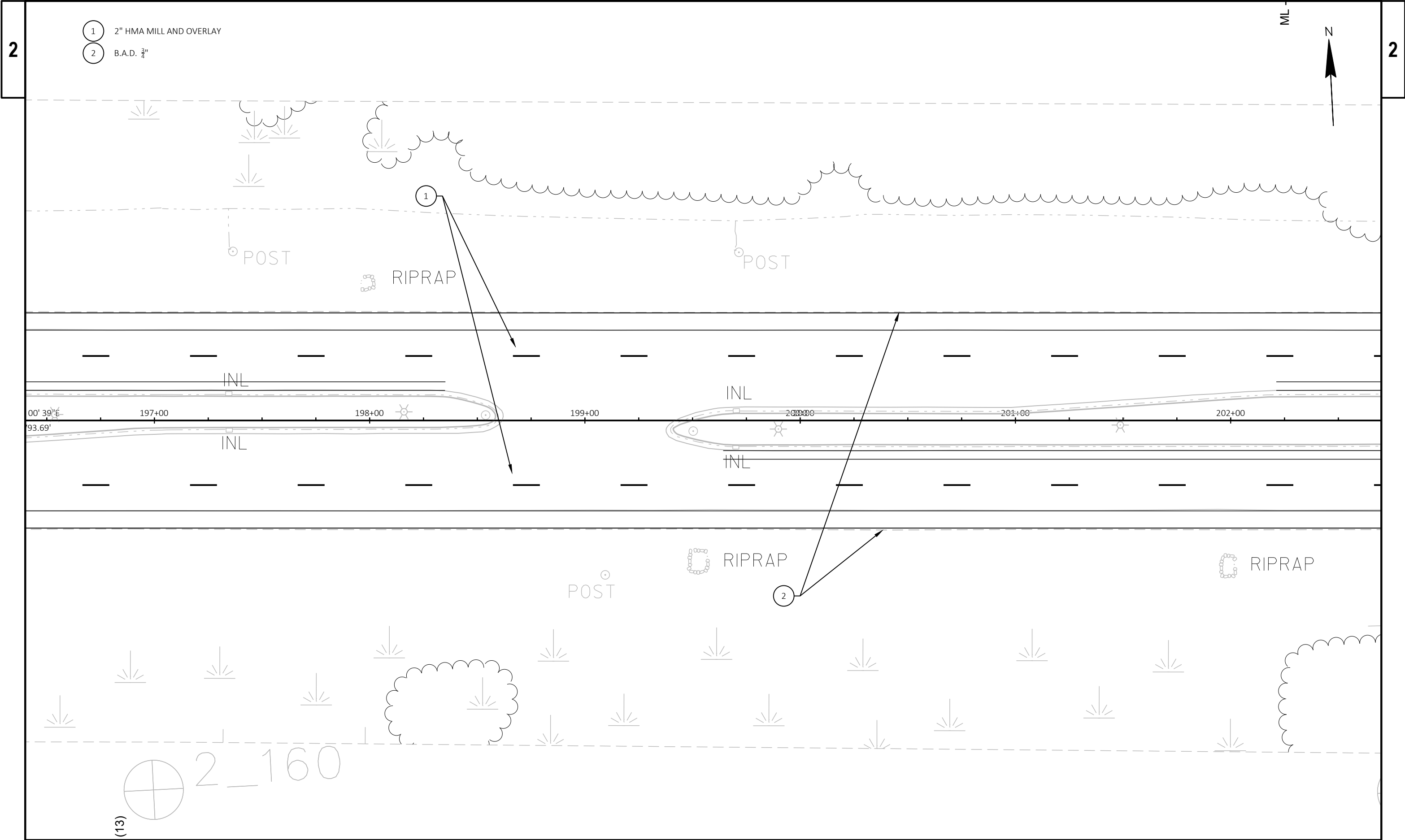
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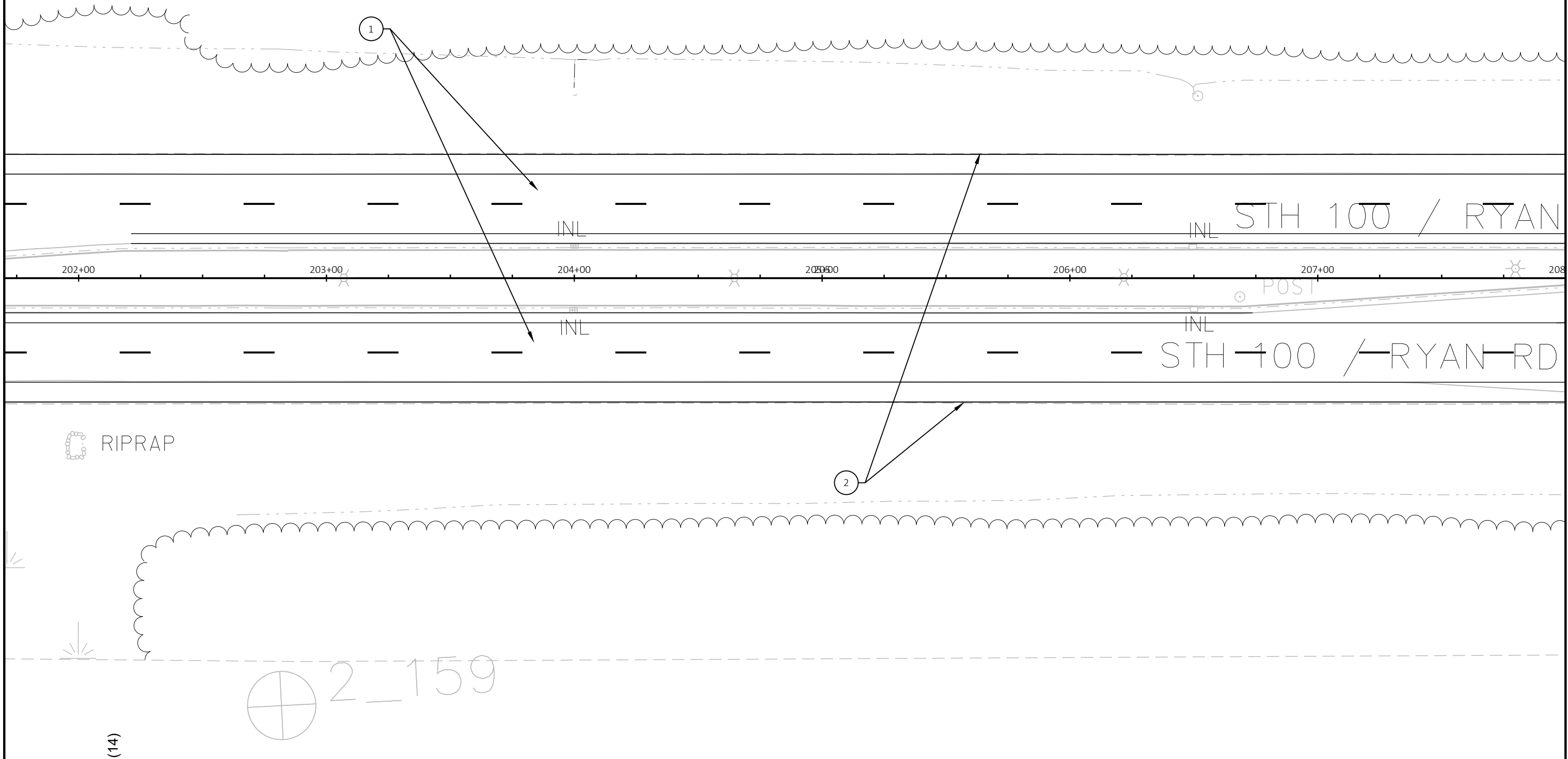




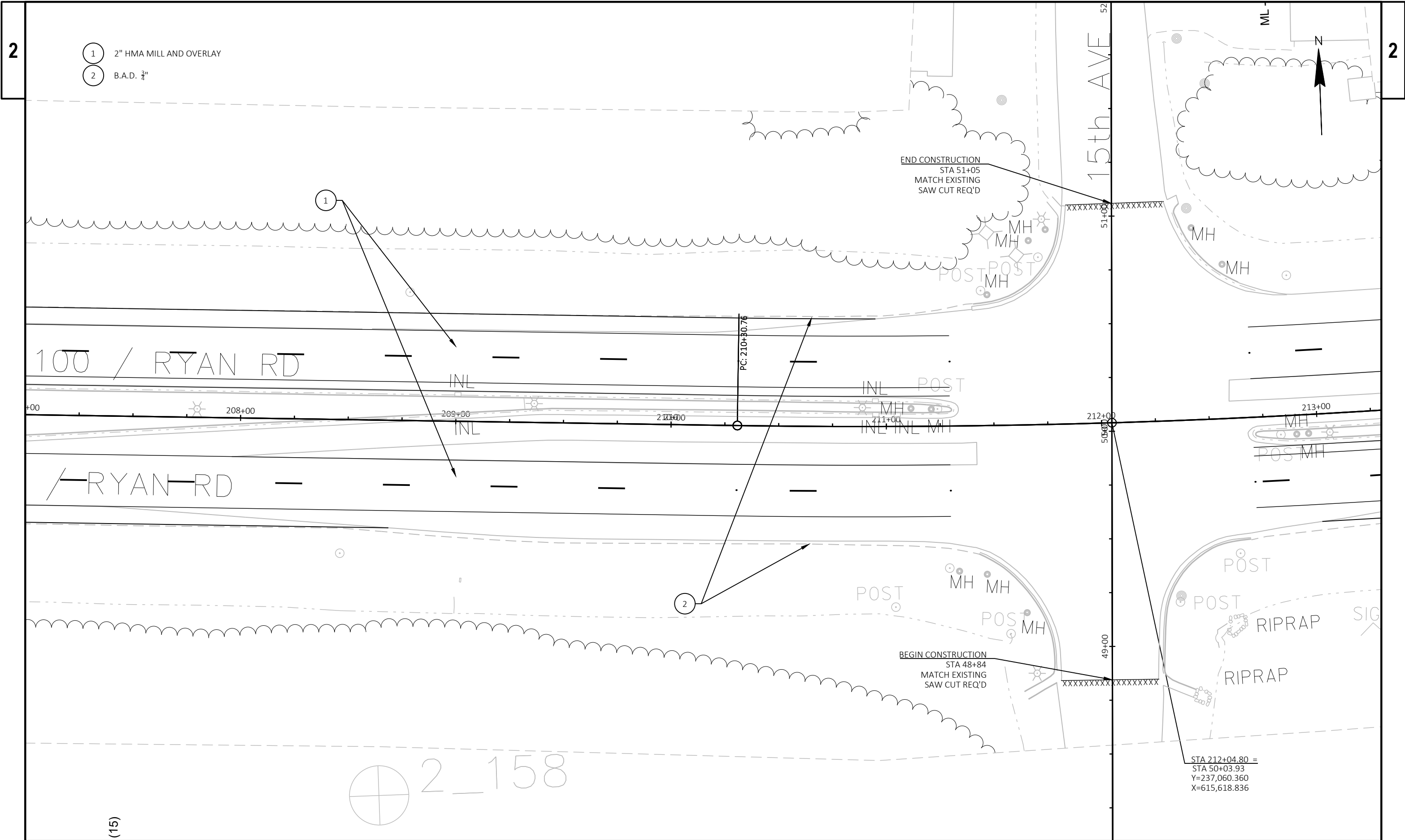


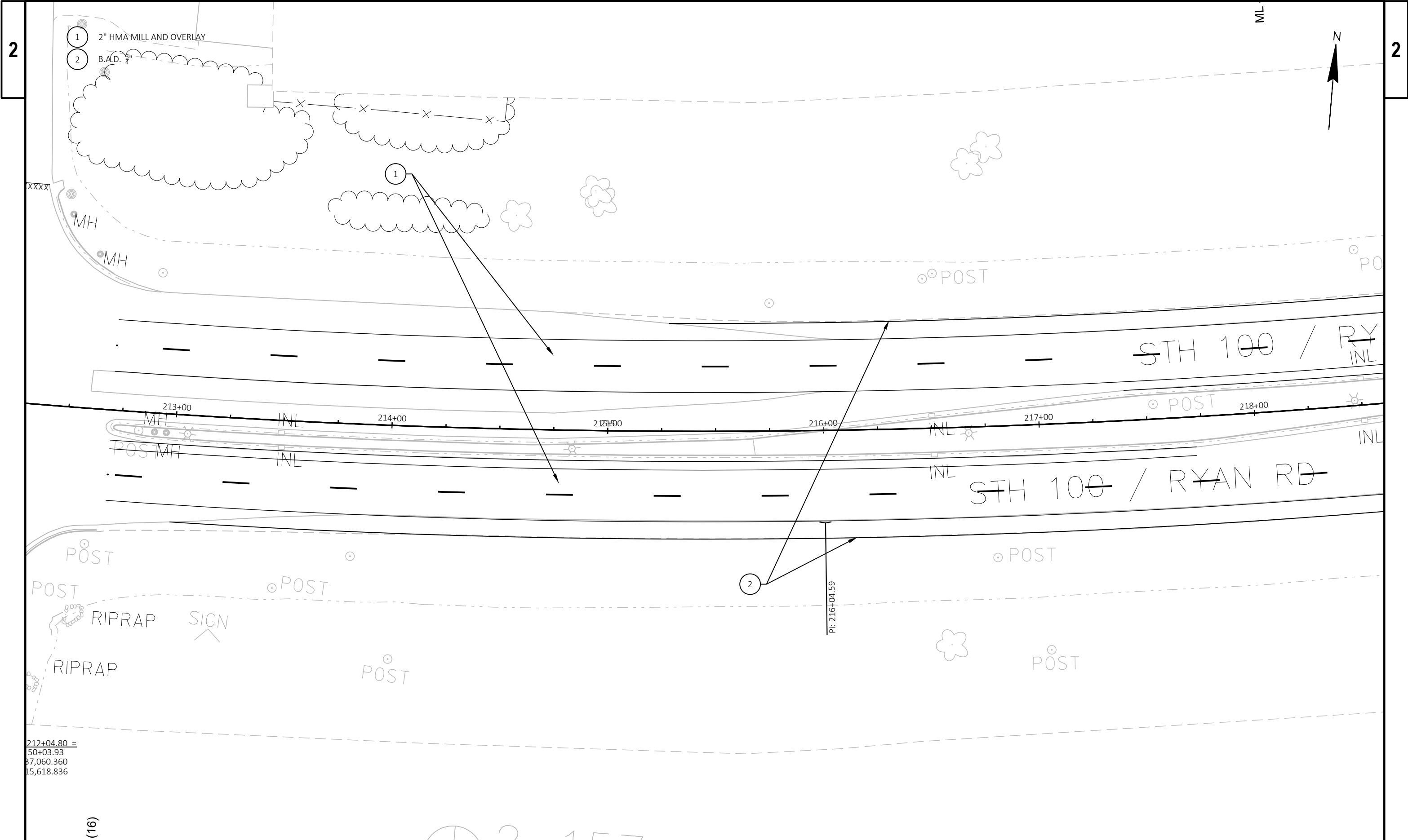
PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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- 1 2" HMA MILL AND OVERLAY
- 2 B.A.D. $\frac{3}{4}$ "

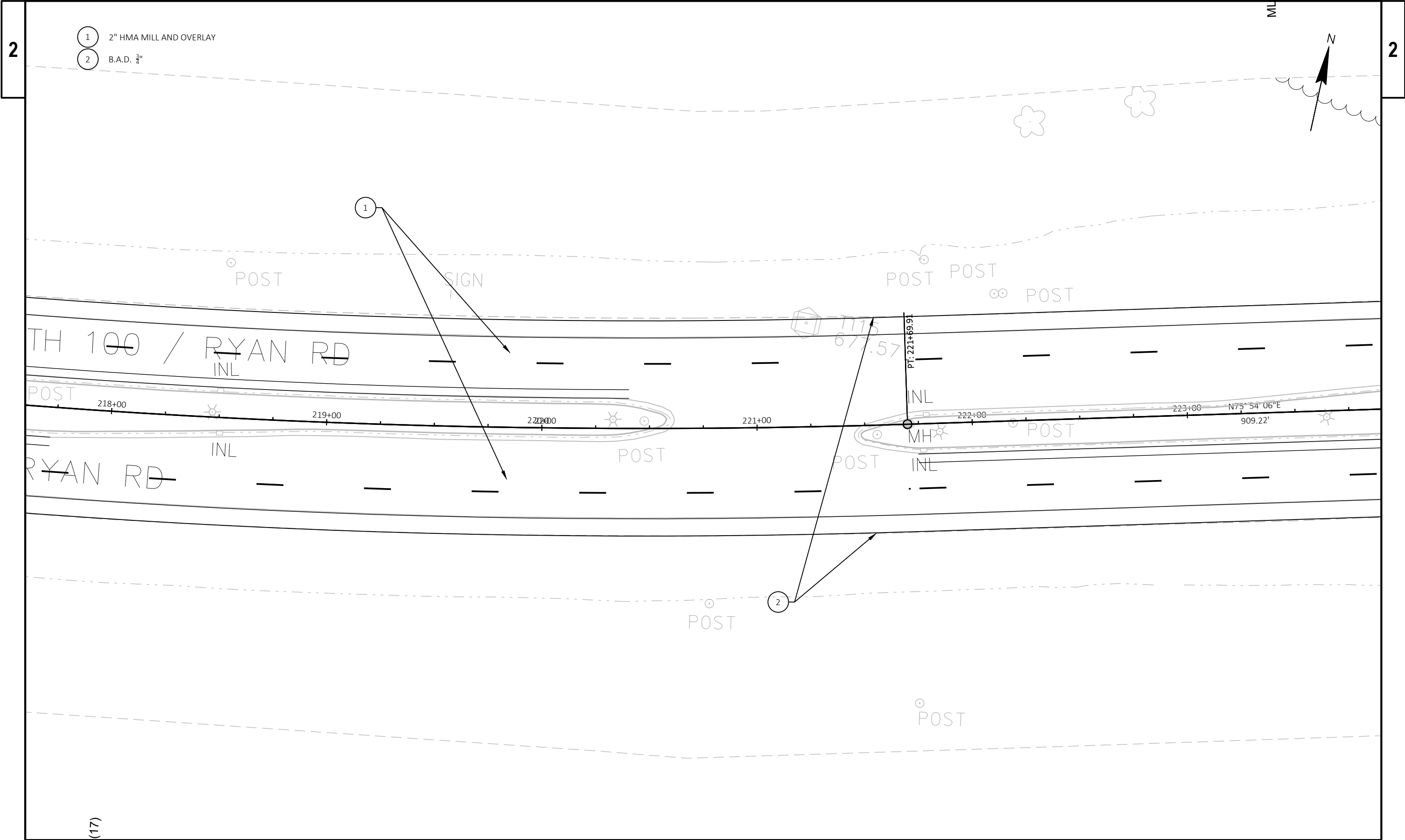


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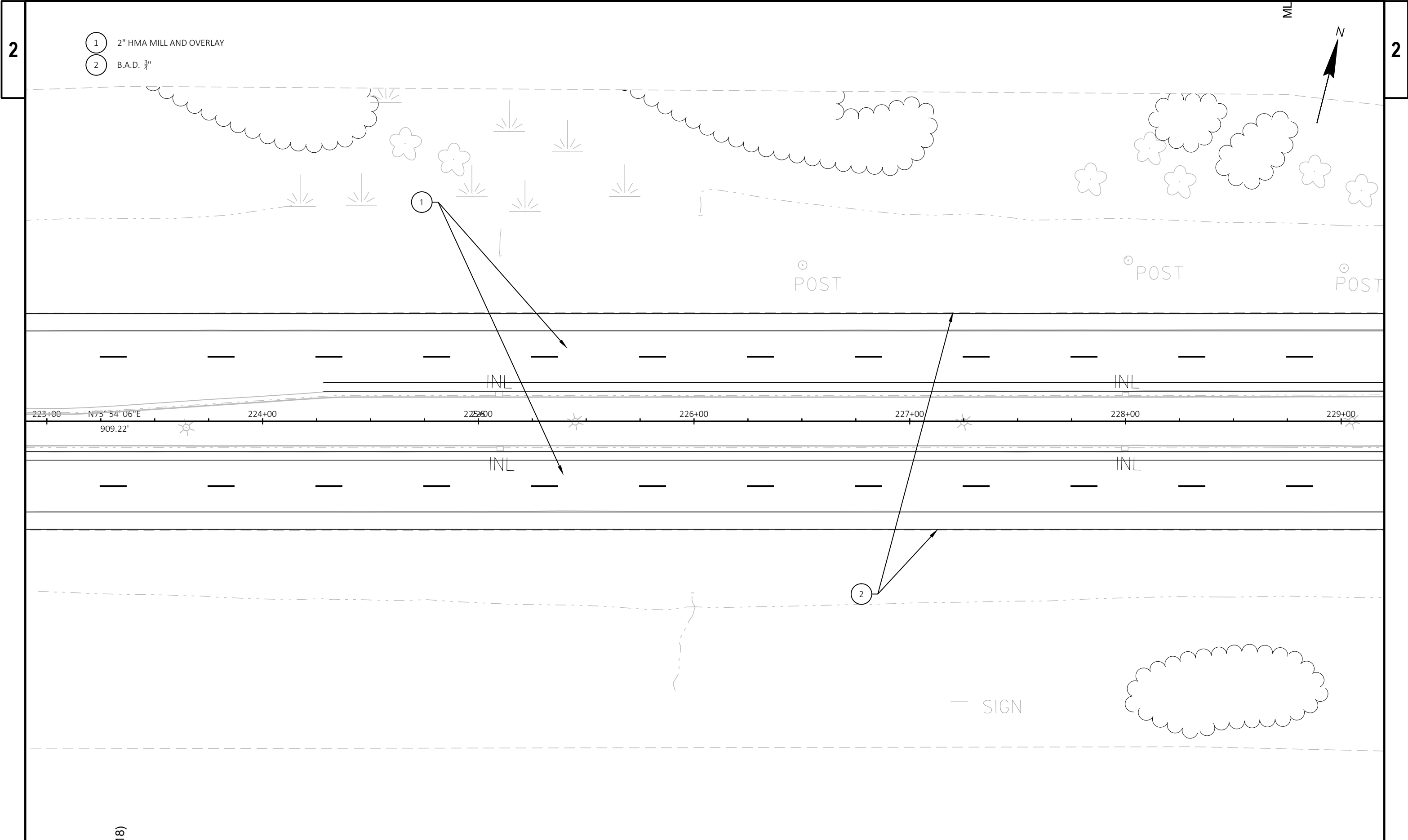




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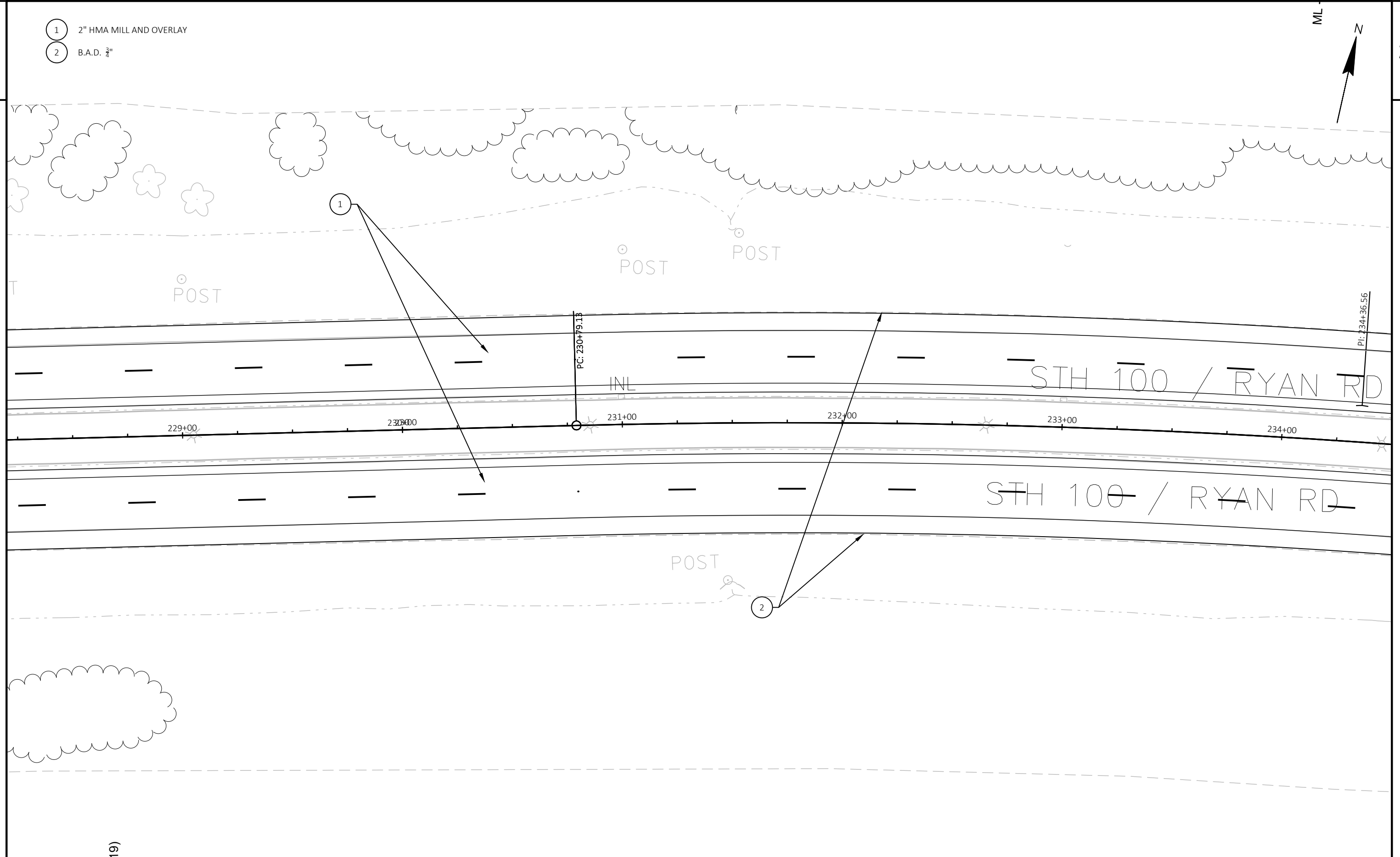
PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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1
2

2



PROJECT NO:	2040-03-75
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HWY: STH 100

COUNTY: MILWAUKEE

PLAN DETAILS

SHEET

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FILE NAME : N:\PDS\C3D\20400305\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - (20)

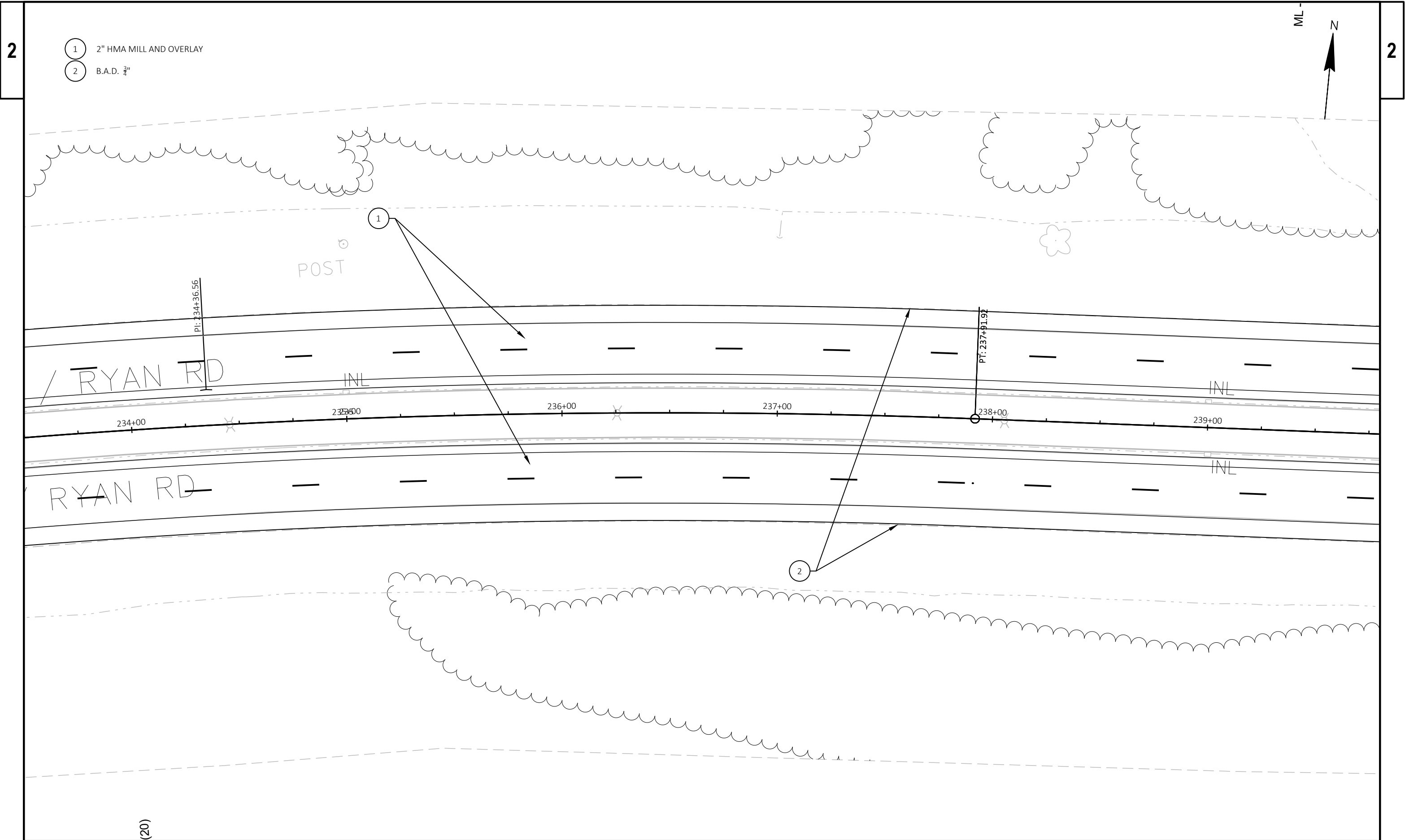
PLOT DATE : 8/17/2020 8:50 AM

PLOT BY : SMITH, CLAYTON L

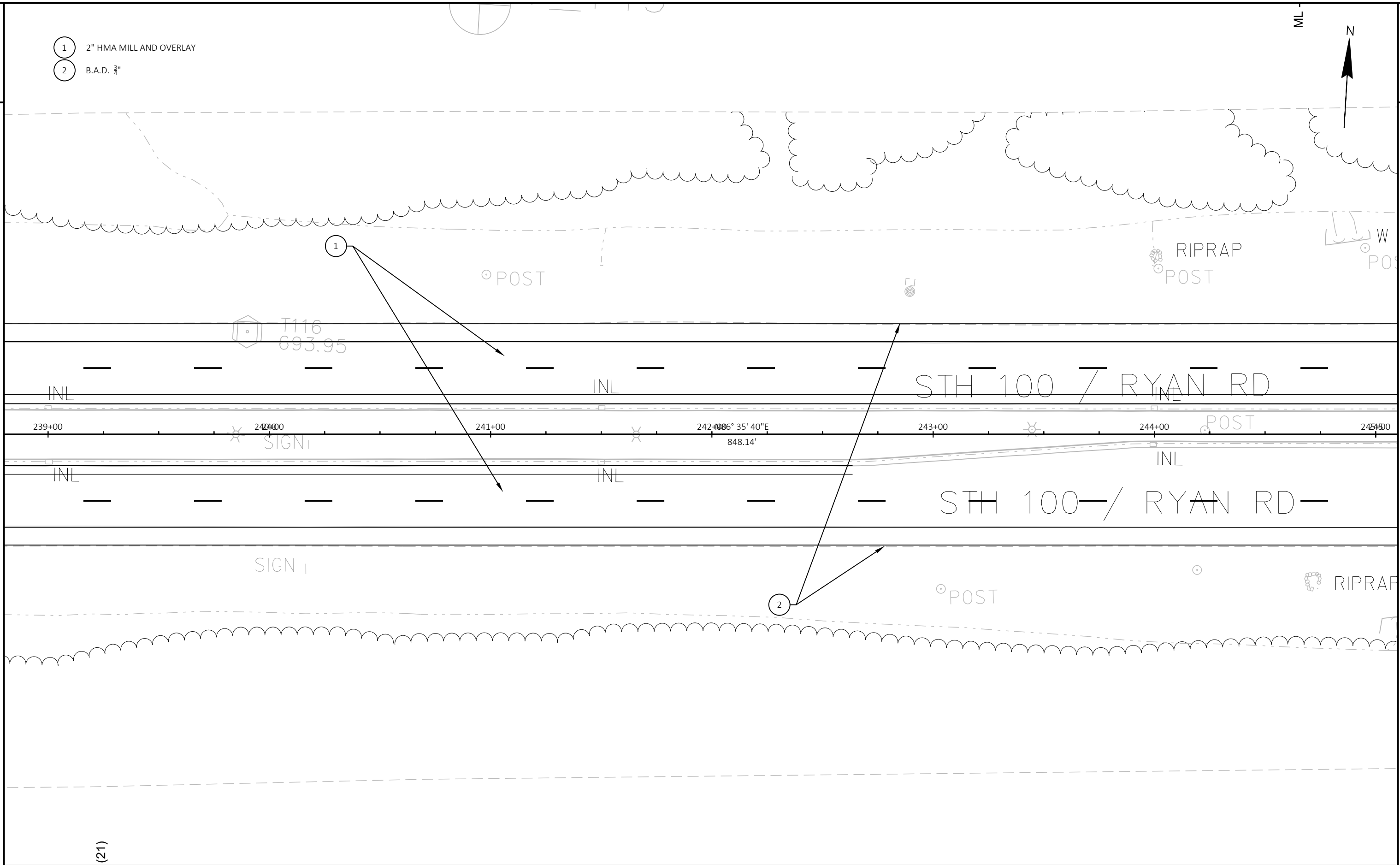
PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

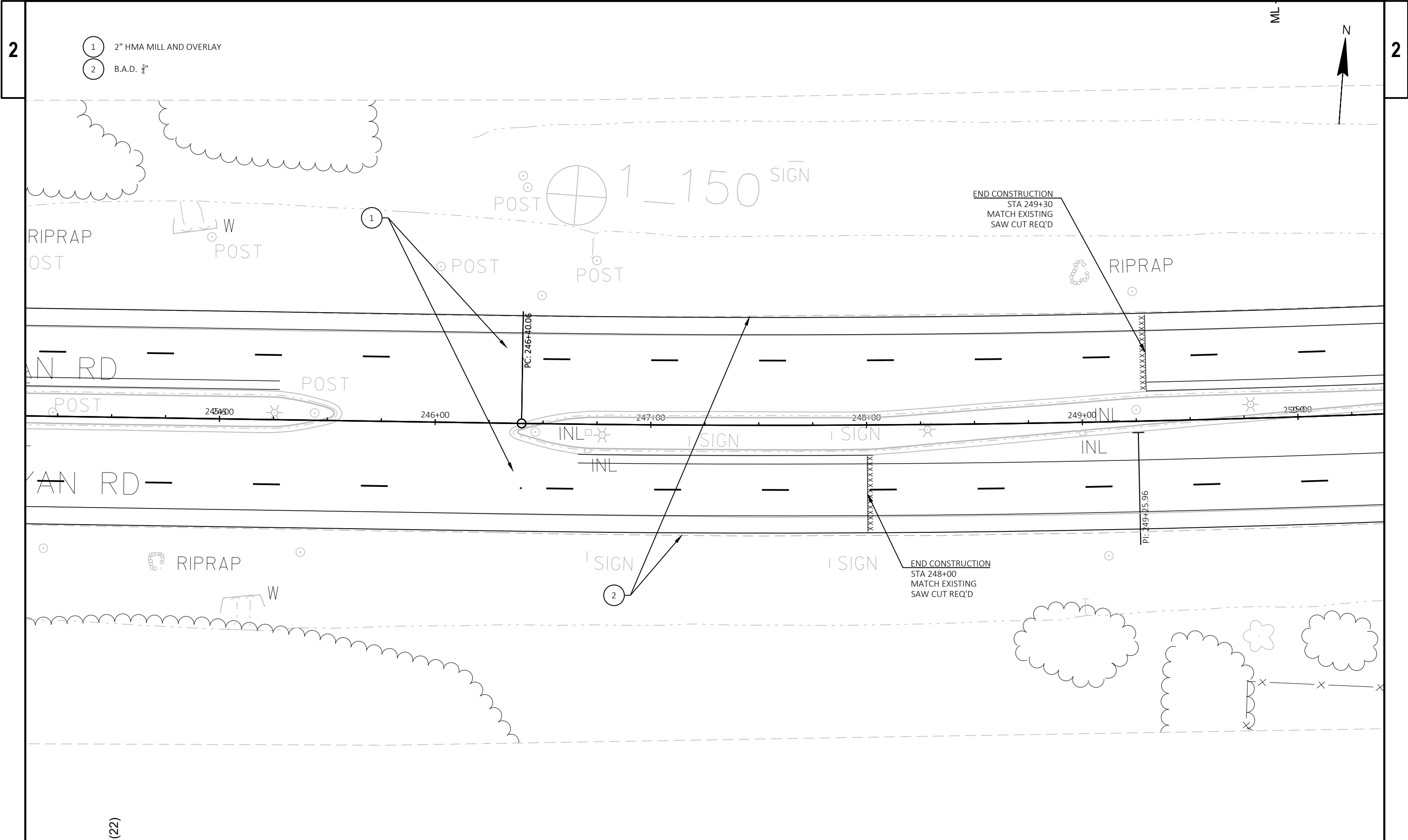


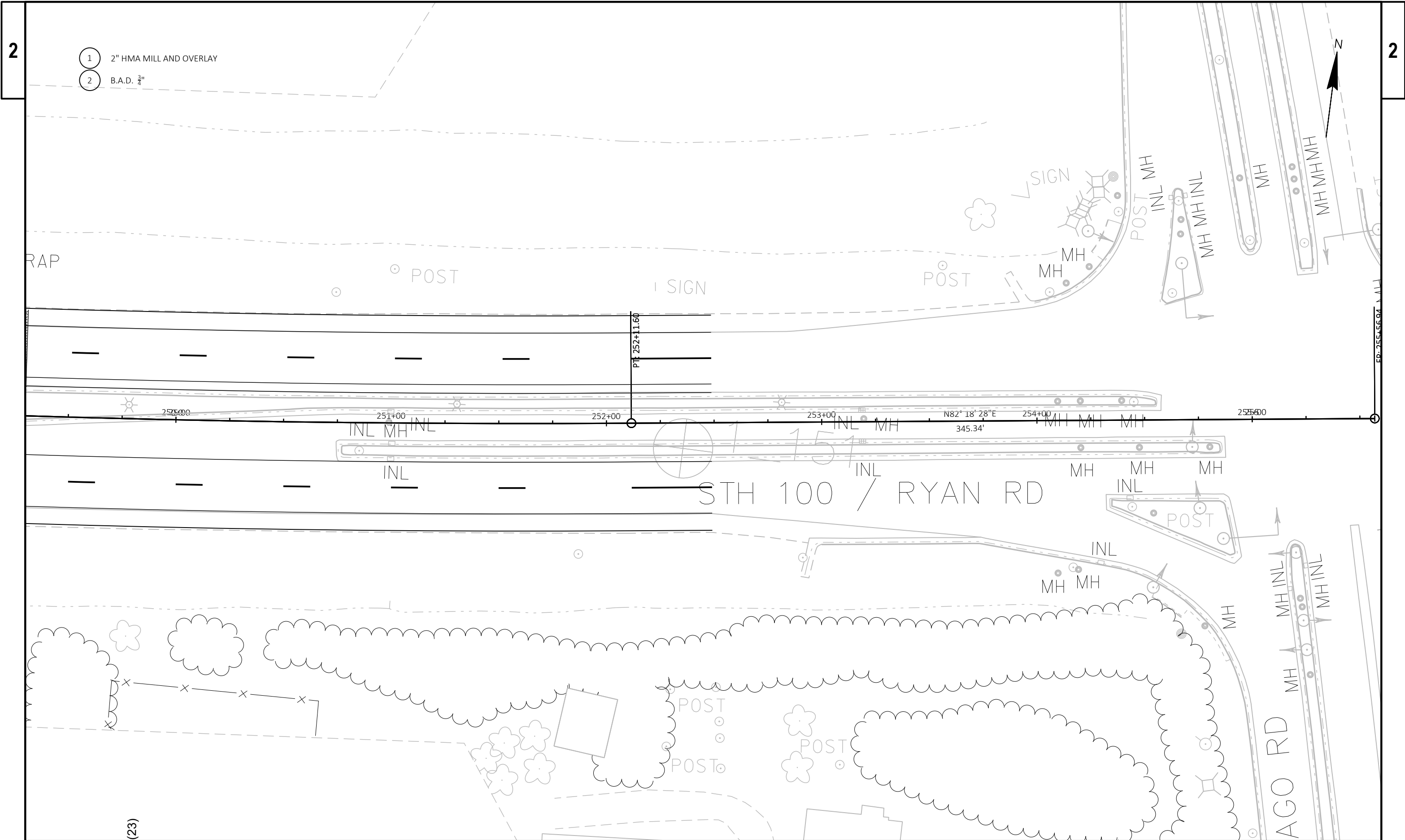
- 1 2" HMA MILL AND OVERLAY
- 2 B.A.D. 2 1/2"



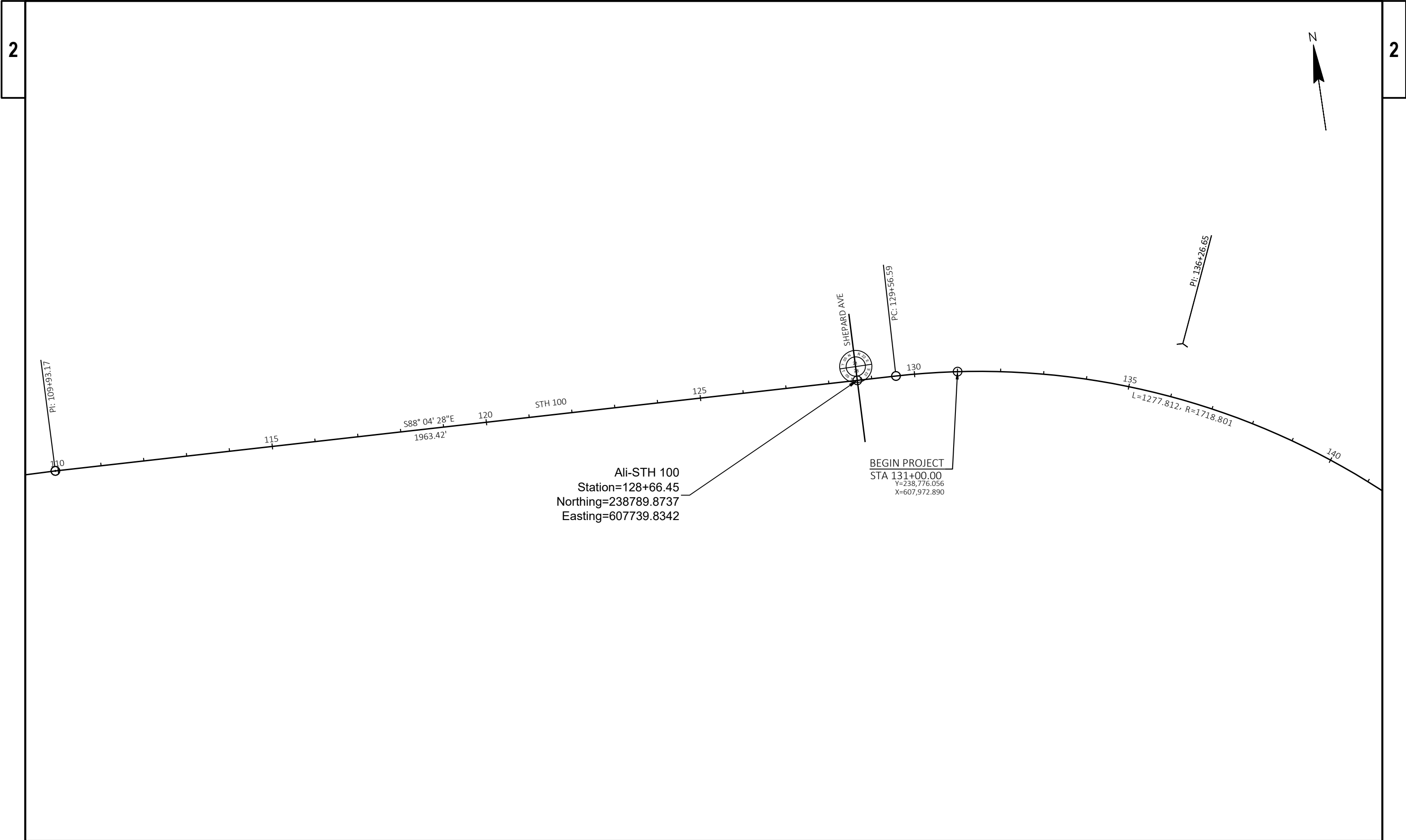
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PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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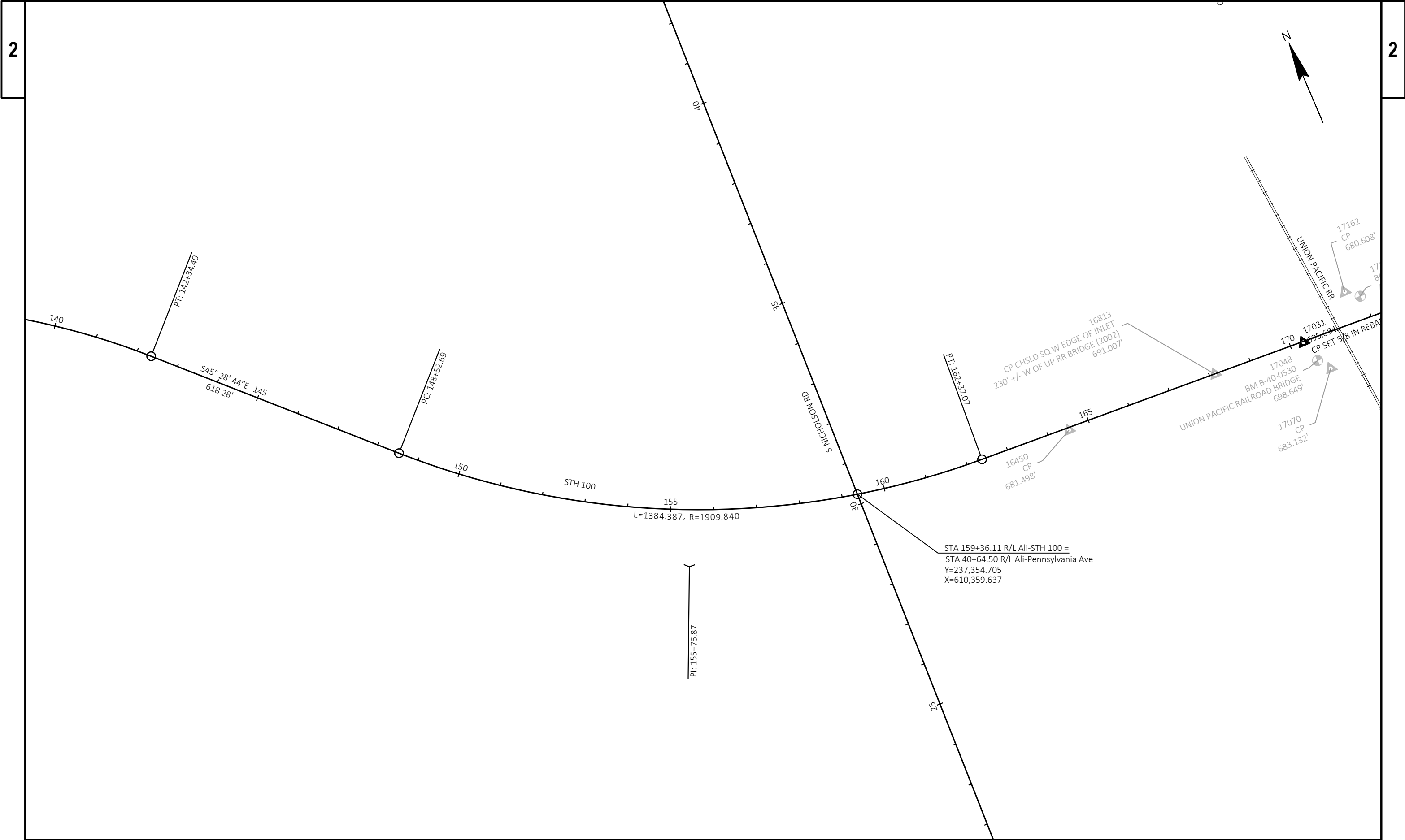


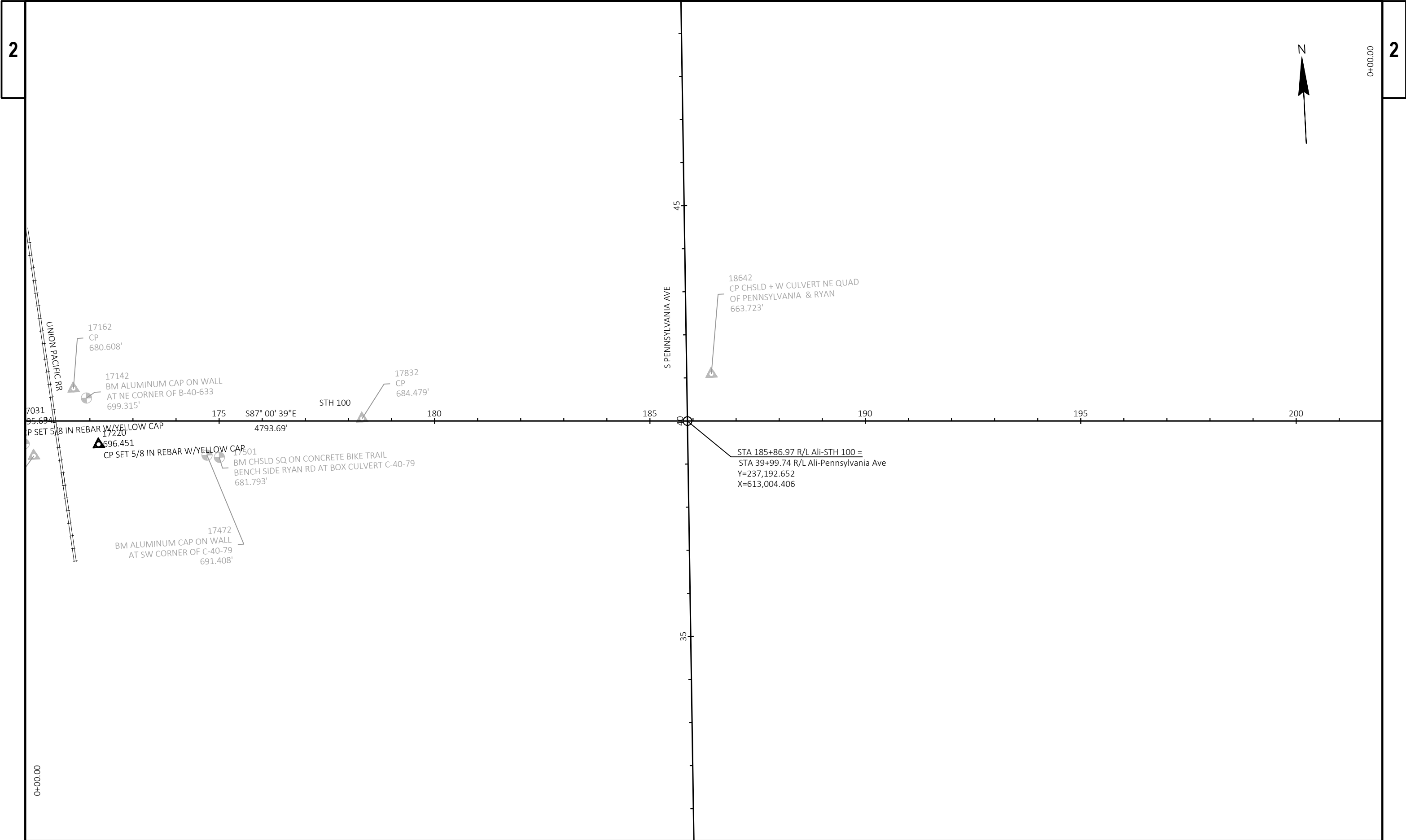


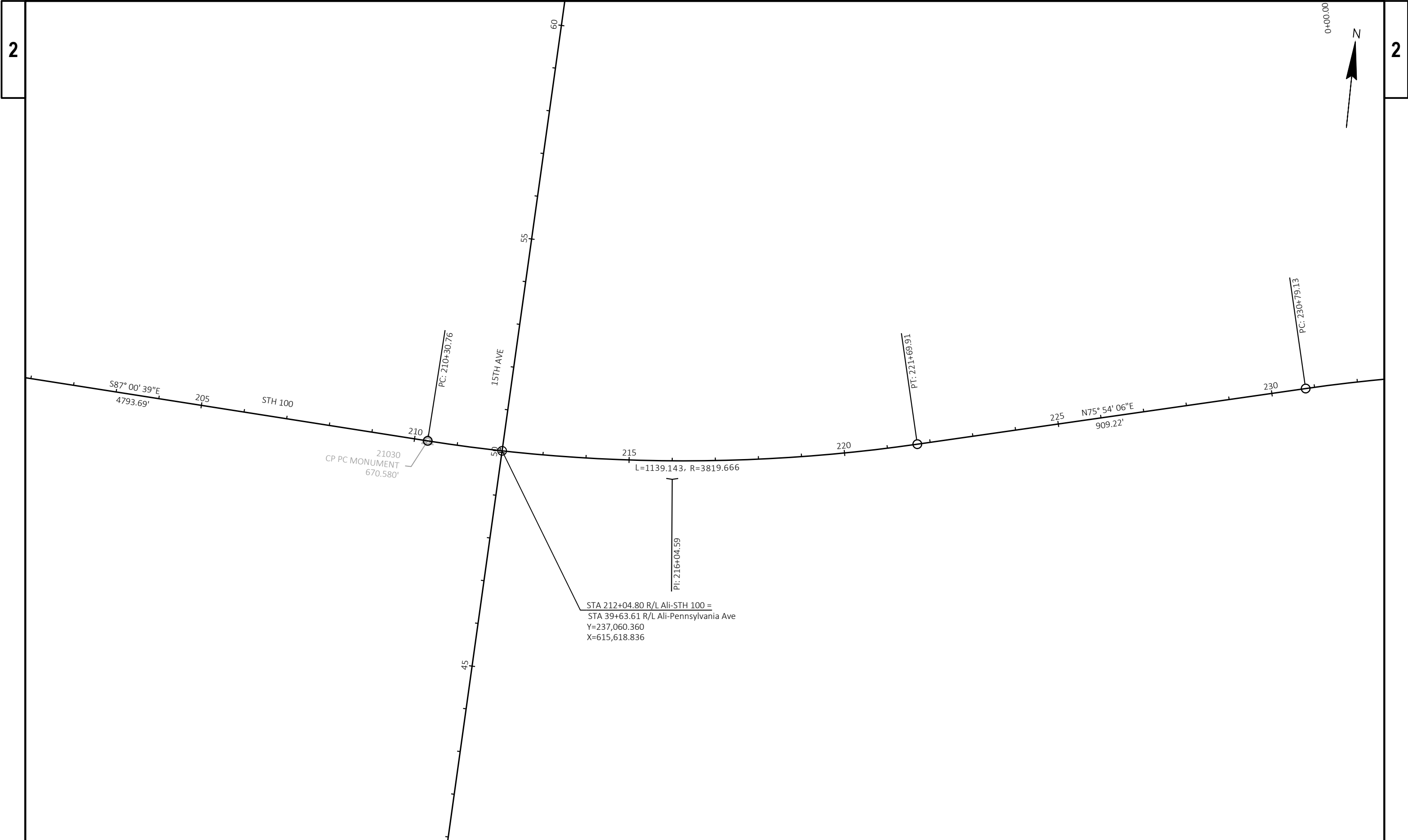
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- 2 B.A.D. 3/4"

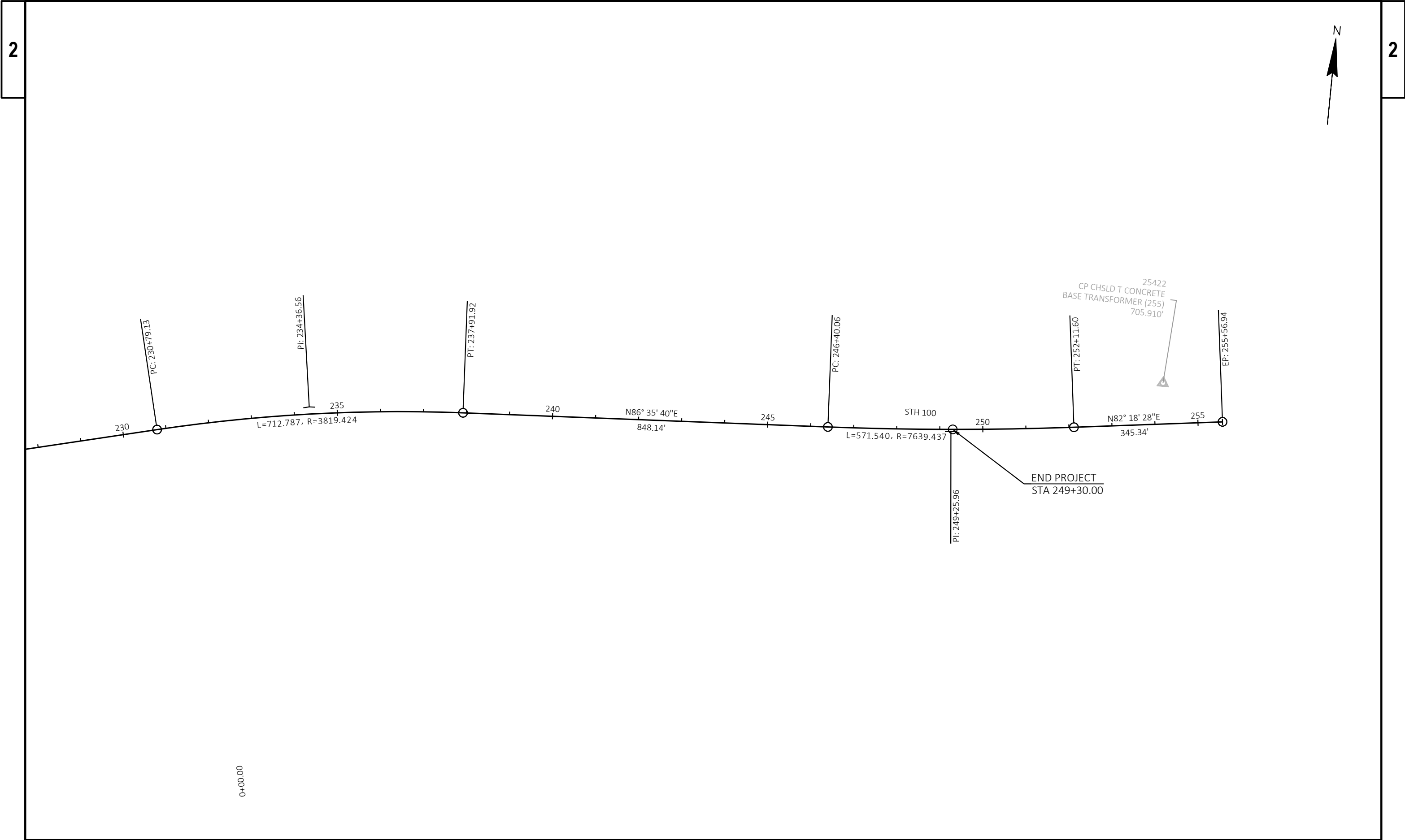


PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	ALIGNMENT DETAIL	SHEET	E
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PROJECT NO: 2040-03-75	HWY: STH 100	COUNTY: MILWAUKEE	ALIGNMENT DETAIL	SHEET	E
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EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

- a. With the plan open in Acrobat, select Document > Insert Pages.
- b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
- c. In the Insert dialog box, choose After for Location and Last page for Page.
- d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

- a. Go to the last sheet of the plan.
- b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

- a. Select File > Save As and save the PDF.

TO REMOVE PRELIMINARY SHEET NUMBERS