

PLOT BY : JAKE NEERDAELS



**CONSTRUCTION PLANS FOR
 COUNTY PROJECT 583500
 COUNTY HIGHWAY U
 COUNTY S - COUNTY EE
 TOWNS OF KAUKAUNA, ONEIDA, LAWERANCE, & HOBART
 BROWN AND OUTAGAMIE COUNTIES**

**INCOMPLETE PLAN SET
 FOR BIDDING PURPOSES ONLY
 COUNTY U LANDSCAPING**

**NOT FOR
 CONSTRUCTION**

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

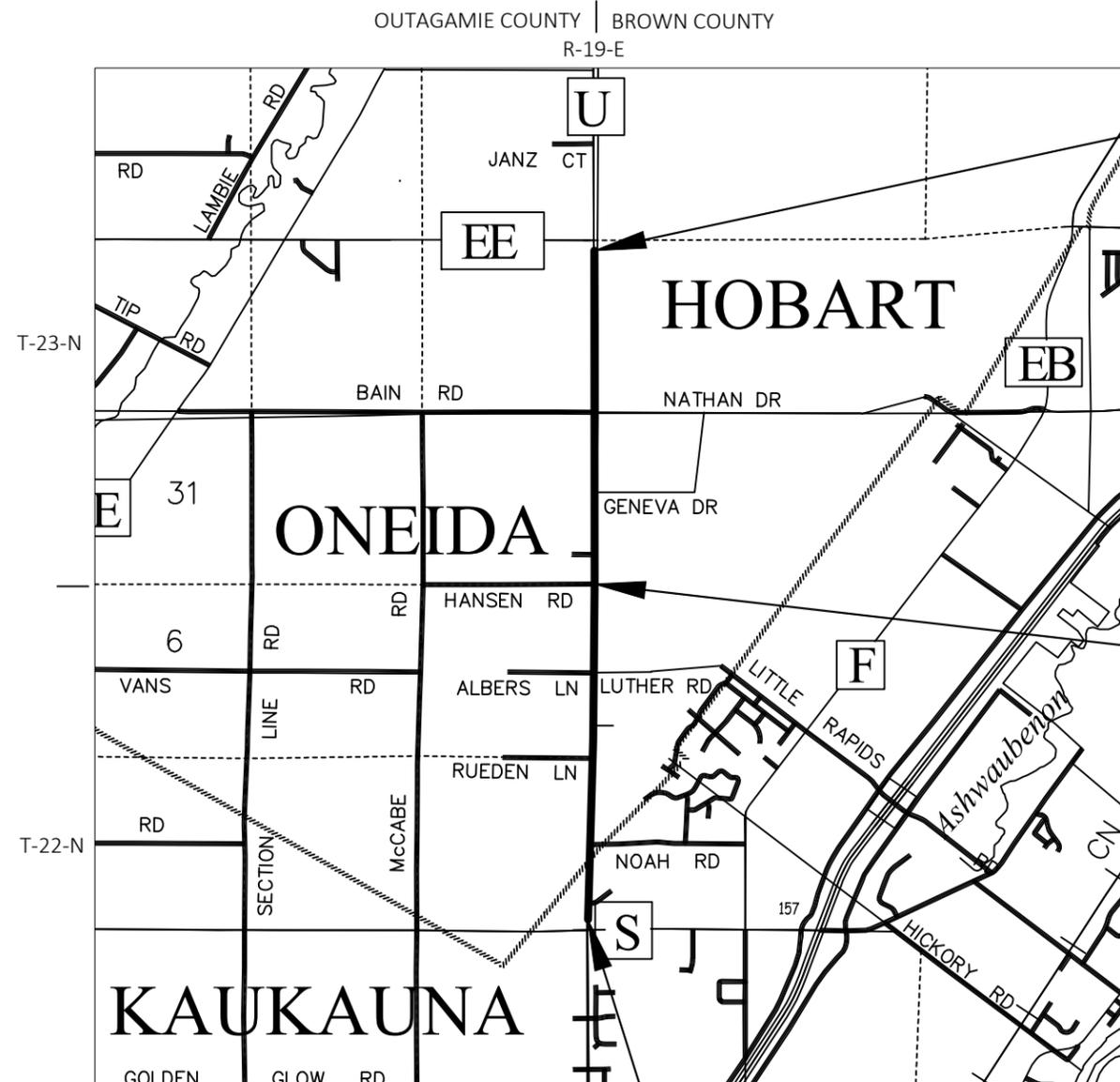
TELEPHONE

WATER REVISIONS

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE



END PROJECT
 STA 1211+21.50 (STAGE 2)

STA 1106+30
 BEGIN STAGE 2
 END STAGE 1

BEGIN PROJECT
 STA 1004+50.00 (STAGE 1)

Y = 608,105.693
 X = 883,631.218

LAYOUT
 SCALE 0 1 MI
 TOTAL NET LENGTH OF CENTERLINE = 3.915 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), OUTAGAMIE 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 18

FILE NAME : X:\PROJECTS\OUTAGAMIE\220111 CTH UNDESIGN\OUTAGAMIE\220111 CTH UNDESIGN\PLANS\010101.TI.DWG



CLIENT ADDRESS:
 1313 HOLLAND ROAD
 APPLETON, WI 54911

PROJECT NO: 583500

SHEET TOTAL:

DATE ISSUED: 02/03/2026

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER INSTALLATIONS WITH IN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF DIGGER HOTLINE MUST BE CONTACTED SEPARATELY.

EXCAVATION BELOW SUBGRADE (EBS) WILL BE MEASURED AND PAID FOR AS EXCAVATION COMMON. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION AND WIDTH OF PRIVATE ENTRANCES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS. BASE AGGREGATE DENSE 1 1/4-INCH WILL BE USED UNDER ALL DRIVEWAYS.

MAINTAIN DRIVING SURFACE TO ALL PROPERTY OWNERS WITH BASE AGGREGATE DENSE 1 1/4-INCH.

A SAW JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT AND ALSO WHERE NEW CONCRETE PAVEMENT MEETS EXISTING CONCRETE PAVEMENT.

SAW CUT LOCATIONS SHOWN ON THE PLAN ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD. THE LINE OF SUCH SAW CUTS WILL BE NEATLY DELINEATED THROUGH THE ASPHALT AND/OR DRIVEWAYS, AT THE MATCH LINE AS SHOWN ON THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER WITHOUT ANY DAMAGE TO THE REMAINING PORTION OF THE EXISTING .

PRIOR TO ORDERING DRAINAGE PIPES, VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLAND, FLOODWAY, OR FLOODPLAIN OF ANY WETLANDS.

EROSION CONTROL MEASURES WILL BE PLACED AS SHOWN ON THE EROSION CONTROL PLAN. THE EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER. REMOVAL OF THE ITEMS ARE INCIDENTAL TO THE RESPECTIVE EROSION CONTROL ITEM COSTS.

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

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, WILL BE FERTILIZED, SEEDED AND MULCHED OR EROSION MATTED.

DO NOT PLACE FERTILIZER WITHIN 20 FEET OF A WETLAND OR WATER BODY.

ELEVATIONS SHOWN ON THE ROADWAY CROSS SECTIONS ARE SUBGRADE ELEVATIONS AT THE CONSTRUCTION REFERENCE LINES.

CURB AND GUTTER ELEVATIONS ARE ALONG THE FLANGE LINE UNLESS OTHERWISE NOTED.

RADIUS POINTS, UNLESS OTHERWISE NOTED, ARE TO EDGE OF PAVEMENT

CURVE DATA IS BASED ON ARC DEFINITION.

BEARINGS SHOWN ON PLAN ARE TRUE BEARINGS.

PROPERTY LINES AS SHOWN ARE APPROXIMATE.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCOR COORDINATES, OUTAGAMIE COUNTY, NAD 83 (2011), IN U.S SURVEY FEET, VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. VERTICAL POSITIONS SHOWN ON THIS PROJECT ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF NAVD88 (2012).

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	NC	NORMAL CROWN
AC	ASPHALT CEMENT	PT	POINT OF TANGENT
AGG	AGGREGATE	PC	POINT OF CURVATURE
ASPH	ASPHALT	PI	POINT OF INTERSECTION
BM	BENCHMARK	PE	PRIVATE ENTRANCE
C/L	CENTERLINE	R	RADIUS
CONC	CONCRETE	REM	REMOVE
CMP	CORRUGATED METAL PIPE	R/L OR RL	REFERENCE LINE
CR	CREEK	RCCP	REINFORCED CONCRETE CULVERT PIPE
D	DEGREE OF CURVE	RCPSS	REINFORCED CONCRETE STORM SEWER
DHV	DESIGN HOUR VOLUME	RO	RUNOUT
ESALS	EQUIVALENT SINGLE AXIS LOADS	R/W	RIGHT OF WAY
EXIST	EXISTING	STA	STATION
FE	FIELD ENTRANCE	SE	SUPER ELEVATION
HYD	HYDRANT	SS	STORM SEWER
IP	IRON PIPE	T	TANGENT
L	LENGTH OF CURVE	TEL	TELEPHONE
LC	LONG CHORD OF CURVE	TLE	TEMPORARY LIMITED EASEMENT
LR	LENGTH OF RUN OFF	T	TRUCKS
MH	MANHOLE	VC	VERTICAL CURVE
		W	WELL

UTILITIES

AT&T

COMMUNICATION
ATTENTION: KYLE WEBER
205 S. JEFFERSON ST
GREEN BAY, WI 54301
PHONE: 920-221-5969
EMAIL: KW715W@ATT.COM

TC ENERGY

ELECTRIC
ATTENTION: MICHAEL REIF
N4956 OAKCREST DRIVE
BONDUEL, WI 54107
PHONE: 920-654-7497
WATCH DOG NOTIFICATION 72-HOURS PRIOR TO WORK
(VOICE MESSAGE DOES NOT CONSTITUTE NOTICE)
EMAIL: MICHAEL.REIF@TC-ENERGY.COM

WISCONSIN PUBLIC SERVICE

ELECTRIC
ATTENTION: STUART SENCAL
2850 S ASHLAND AVE
GREEN BAY, WI 54307
PHONE: 920-617-5070
EMAIL: STUART.SENECAL@WISCONSINPUBLICSERVICE.COM

CHARTER COMMUNICATIONS

COMMUNICATION
ATTENTION: STEVE TOBIN
3545 PLANK ROAD
APPLETON, WI 54915
PHONE: 920-572-5616
EMAIL: STEVE.TOBIN@CHARTER.COM

WISCONSIN INDEPENDENT NETWORK

COMMUNICATION
ATTENTION: KEN WHITING
4995 BULL FARMS ROAD
EAU CLAIRE, WI 54701
PHONE: 920-376-2997
EMAIL: KEN.WHITING@WINTechnology.COM

WISCONSIN PUBLIC SERVICE

GAS
ATTENTION: ADAM VANDENHOUTEN
2850 S ASHLAND AVE, PO BOX 19001
PO BOX 19001
GREEN BAY, WI 54307-9001
PHONE: 920-617-5231
EMAIL: ADAM.VANDENHOUTEN@WISCONSINPUBLICSERVICE.COM

PROJECT CONTACTS

WISCONSIN DNR

DNR LIASON
ATTENTION: MATT SCHAEVE
NORTHEAST REGION
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
PHONE: 920-366-1544
EMAIL: MATTHEW.SCHAEVE@WISCONSIN.GOV

OUTAGAMIE COUNTY

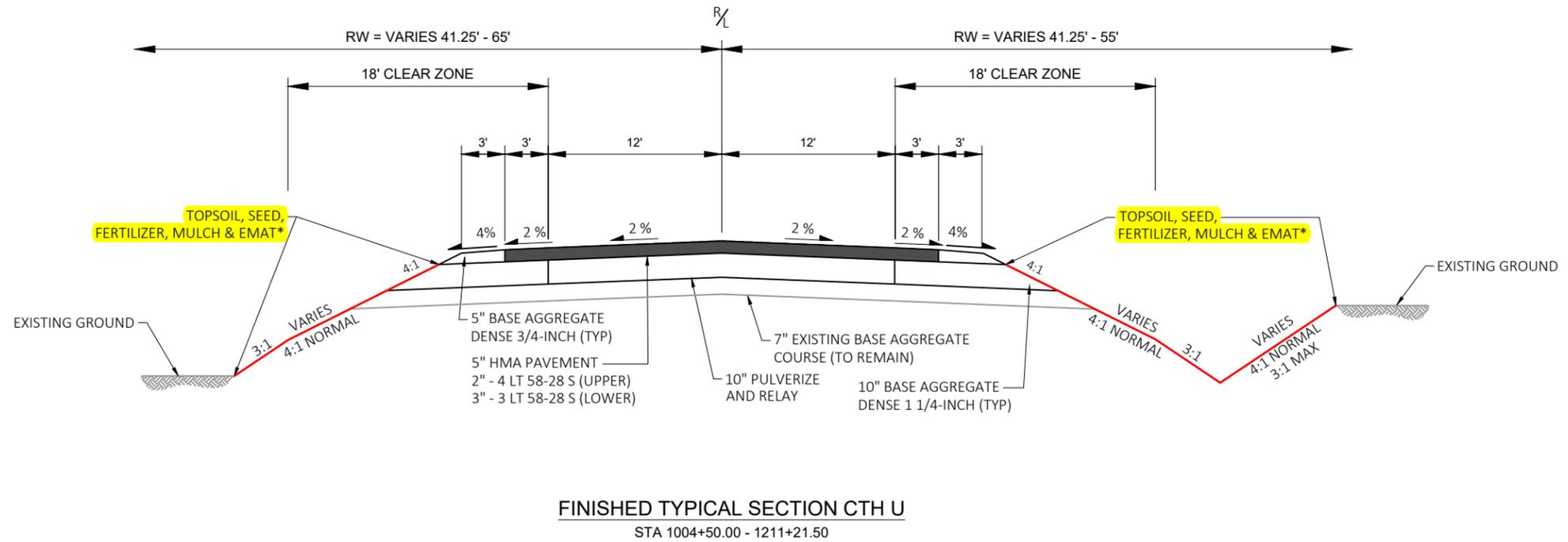
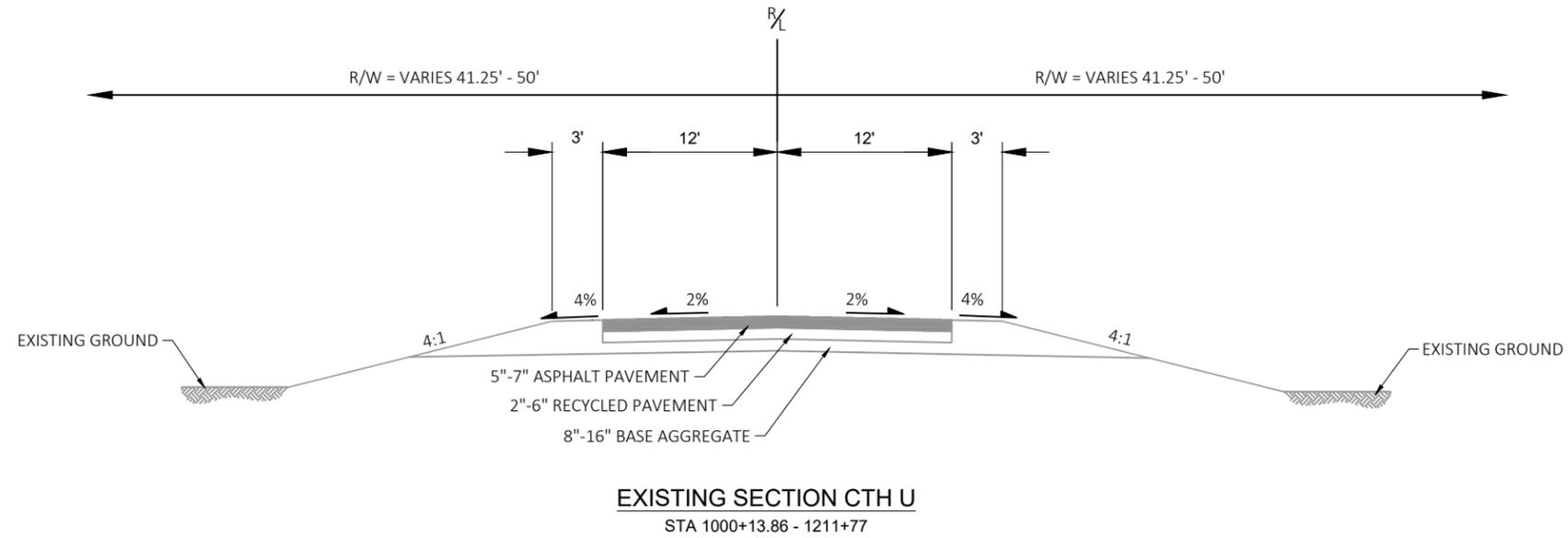
HIGHWAY ENGINEER
ATTENTION: JOE ZELLMER
1313 HOLLAND ROAD
APPLETON, WI 54911-8947
OFFICE PHONE: 920-832-5673
CELL PHONE: 920-209-9807
EMAIL: JOSEPH.ZELLMER@OUTAGAMIE.ORG

JT ENGINEERING INC.

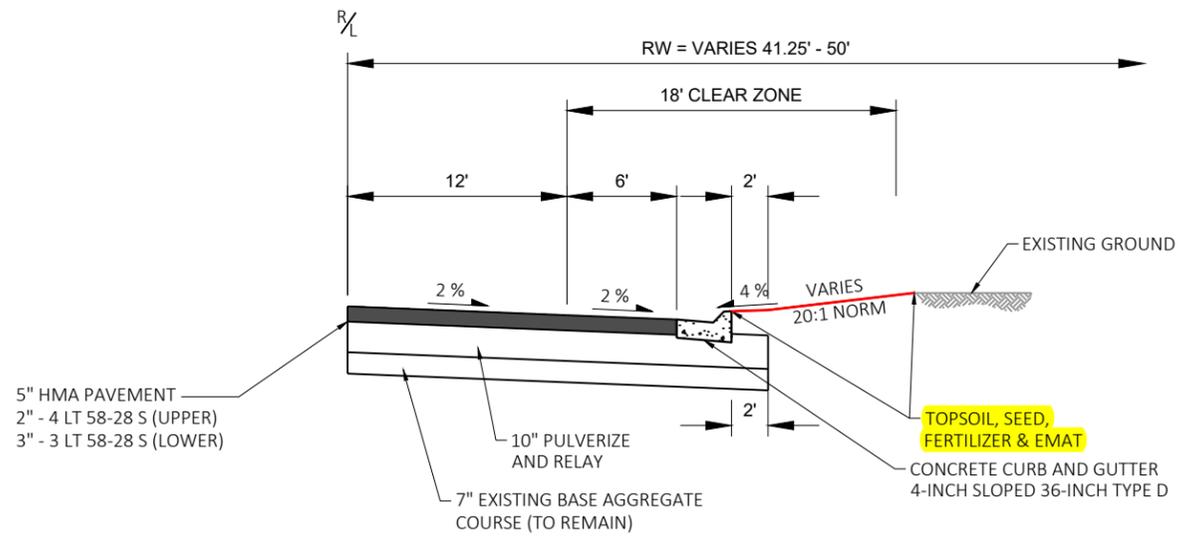
DESIGNER
ATTENTION: RICH GLEN
1077 CENTENNIAL CENTRE BLVD
HOBART, WI 54155
MAIN PHONE: 920-468-4771
EMAIL: RICHG@JT-ENGINEERING.COM



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

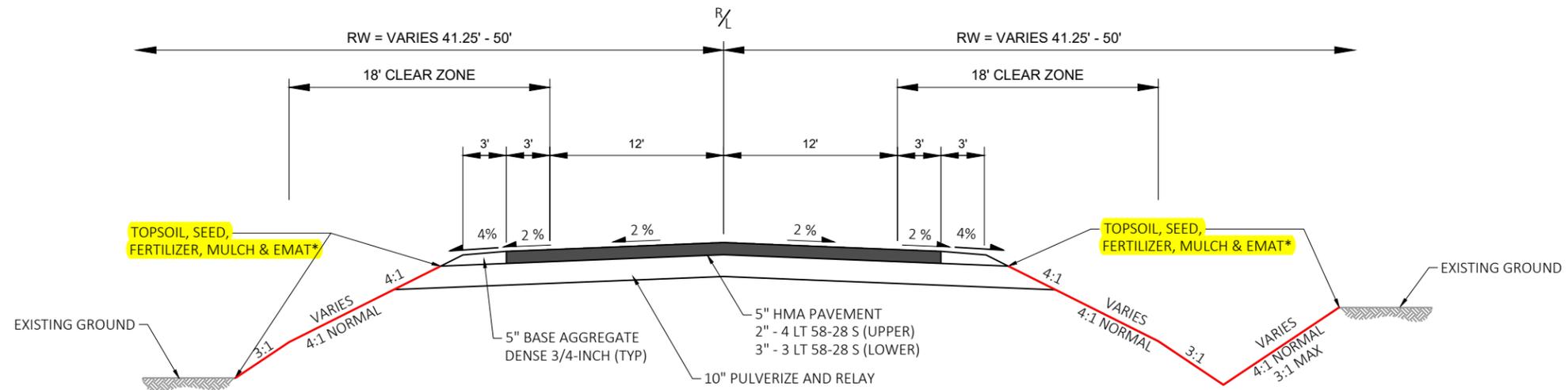


* INSTALL SEED #30 IN ALL LOCATIONS EXCEPT USE SEED #40 FOR RESIDENTIAL LAWN AREAS.
 * INSTALL 8-FT EMAT IN ALL V-DITCHES
 * INSTALL MULCH ON ALL TYPICAL FILL SLOPES AND INSTALL EMAT IN LOCATIONS DETERMINED BY ENGINEER
 * INSTALL URBAN EMAT IN ALL RESIDENTIAL LAWN AREAS



FINISHED TYPICAL SECTION CTH U

STA 1000+15 - 1007+72 RT
 STA 1067+08 - 1070+75 RT
 STA 1067+25 - 1069+25 LT
 STA 1082+75 - 1087+00 RT



FINISHED TYPICAL SECTION SIDEROADS

MICKE COURT
 NOAH ROAD
 RUEDEN ROAD
 GOPHER HILL COURT
 ALBERS ROAD
 LUTHER DRIVE
 HANSEN ROAD
 JORDAN COURT
 BAIN ROAD
 NATHAN ROAD
 GENEVA DRIVE

* INSTALL SEED #30 IN ALL LOCATIONS EXCEPT USE SEED #40 FOR RESIDENTIAL LAWN AREAS.
 * INSTALL 8-FT EMAT IN ALL V-DITCHES
 * INSTALL MULCH ON ALL TYPICAL FILL SLOPES AND INSTALL EMAT IN LOCATIONS DETERMINED BY ENGINEER
 * INSTALL URBAN EMAT IN ALL RESIDENTIAL LAWN AREAS

3

3

Assumed quantity for Fine Grading & Preparing Topsoil

APPROXIMATE 2026 QUANTITIES

APPROXIMATE 2027 QUANTITIES

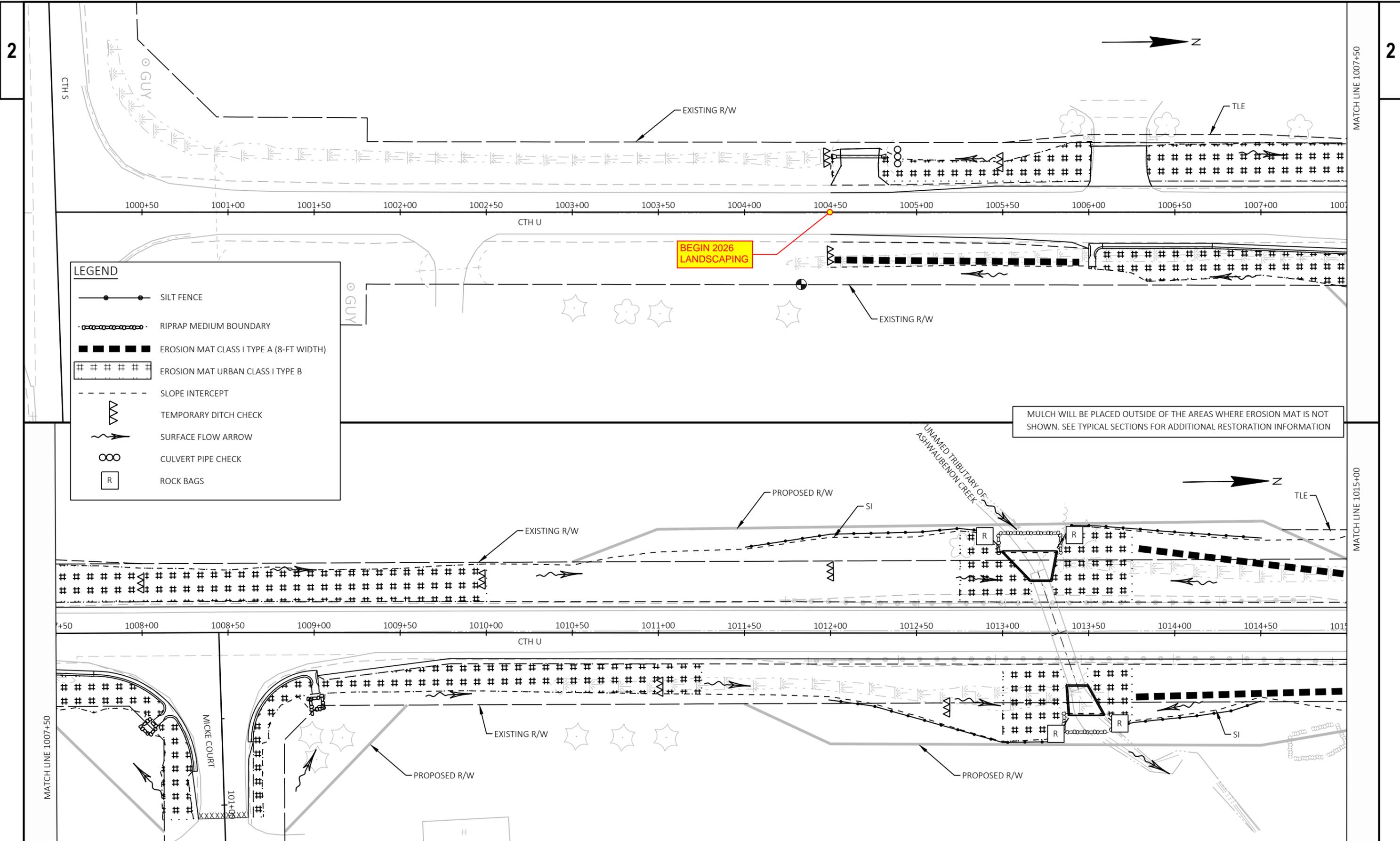
LANDSCAPING SUMMARY

				*			#						
				625.0100	627.0200	628.2002	628.2008	629.0210	630.0130	630.0140	630.0200	630.0500	
				TOPSOIL	MULCHING	EROSION MAT CLASS I, TYPE A	EROSION MAT URBAN CLASS I, TYPE B	FERTILIZER TYPE B	SEEDING MIXTURE NO. 30	SEEDING MIXTURE NO. 40	SEEDING TEMPORARY	SEED WATER	
STATION	STATION	LOCATION	SY	SY	SY	SY	CWT	LB	LB	LB	MGAL		
1004+50	1106+30	CTH U	47,310	28,660	7,945	10,705	30	1,647	482	1,277	1,063		
1106+30	1211+22	CTH U	56,365	35,105	12,360	8,900	36	2,136	401	1,522	1,266		
		MICKE COURT	140	0	0	140	0.1	0	6	4	3		
		NOAH ROAD	165	0	0	165	0.1	0	7	4	4		
		RUEDEN ROAD	555	0	0	555	0.3	0	25	15	12		
		GOPHER HILL COURT	250	250	0	0	0.2	11	0	7	6		
		LUTHER DRIVE	190	0	0	190	0.1	0	9	5	4		
		ALBERS ROAD	230	230	0	0	0.1	10	0	6	5		
		HANSEN ROAD	170	170	0	0	0.1	8	0	5	4		
		JORDAN COURT	160	160	0	0	0.1	7	0	4	4		
		BAIN ROAD	145	145	0	0	0.1	7	0	4	3		
		NATHAN DRIVE	250	250	0	0	0.2	11	0	7	6		
		GENEVA DRIVE	230	230	0	0	0.1	10	0	6	5		
UNDISTRIBUTED			26,540	16,300	5,075	5,165	15	960	230	715	595		
TOTALS:			132,700	81,500	25,380	25,820	82	4,808	1,159	3,581	2,980		

* County item (shown for information only)

EROSION CONTROL SUMMARY

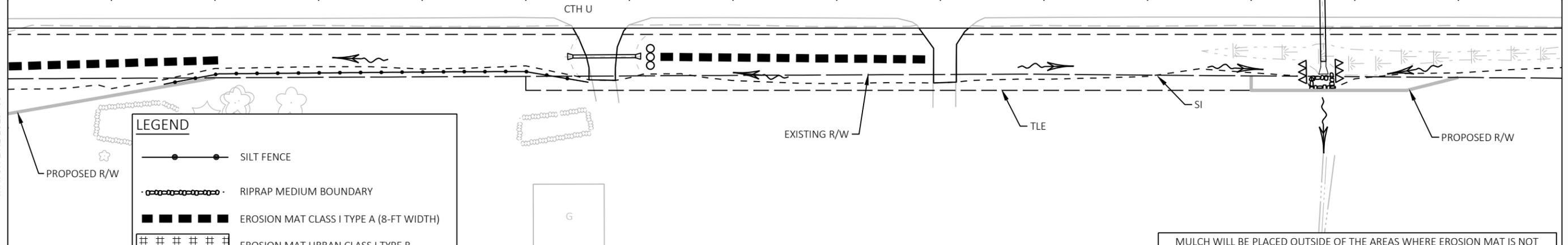
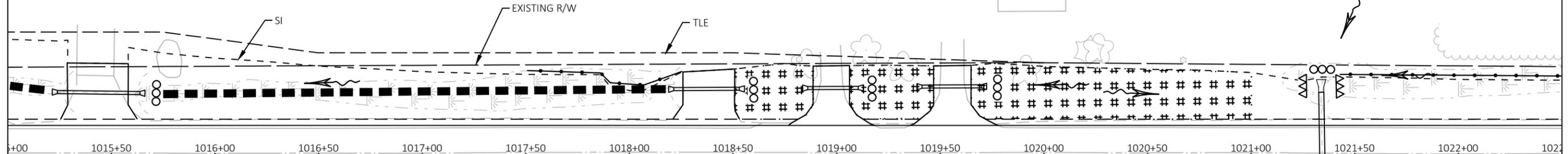
				*	*	*	*	*	*	*	*	
				628.1504	628.1520	628.1905	628.1910	628.7504	628.7555	628.7560	628.7570	633.5200
				SILT FENCE	SILT FENCE MAINTENANCE	MOBILIZATION	MOBILIZATION EMERGENCY EROSION CONTROL	TEMPORARY DITCH CHECKS	CULVERT PIPE CHECKS	TRACKING PADS	ROCK BAGS	MARKER CULVERT ENDS
STATION	STATION	LOCATION	LF	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH
1004+50	1066+52	CTH U	3,090	3,090			350	50	2	80	12	
1066+52	1106+30	CTH U	1,210	1,210			200	50	2	50	10	
1106+30	1211+22	CTH U	1,390	1,390			300	70	2	110	14	
		MICKE COURT	---	---			---	---	---	---	---	---
		NOAH ROAD	---	---			20	---	---	---	---	---
		RUEDEN ROAD	---	---			10	---	---	---	---	---
		GOPHER HILL COURT	---	---	10	6	---	---	---	---	---	2
		LUTHER DRIVE	---	---			---	---	---	---	---	---
		ALBERS ROAD	---	---			20	---	---	---	---	---
		HANSEN ROAD	---	---			---	---	---	---	---	---
		JORDAN COURT	---	---			20	---	---	---	---	---
		BAIN ROAD	---	---			20	---	---	---	---	---
		NATHAN DRIVE	---	---			---	---	---	---	---	2
		GENEVA DRIVE	---	---			---	---	---	---	---	2
UNDISTRIBUTED			1,425	1,425	---	---	235	45	2	60	---	---
TOTALS:			7,115	7,115	10	6	1,175	215	8	300	42	



LEGEND

	SILT FENCE
	RIPRAP MEDIUM BOUNDARY
	EROSION MAT CLASS I TYPE A (8-FT WIDTH)
	EROSION MAT URBAN CLASS I TYPE B
	SLOPE INTERCEPT
	TEMPORARY DITCH CHECK
	SURFACE FLOW ARROW
	CULVERT PIPE CHECK
	ROCK BAGS

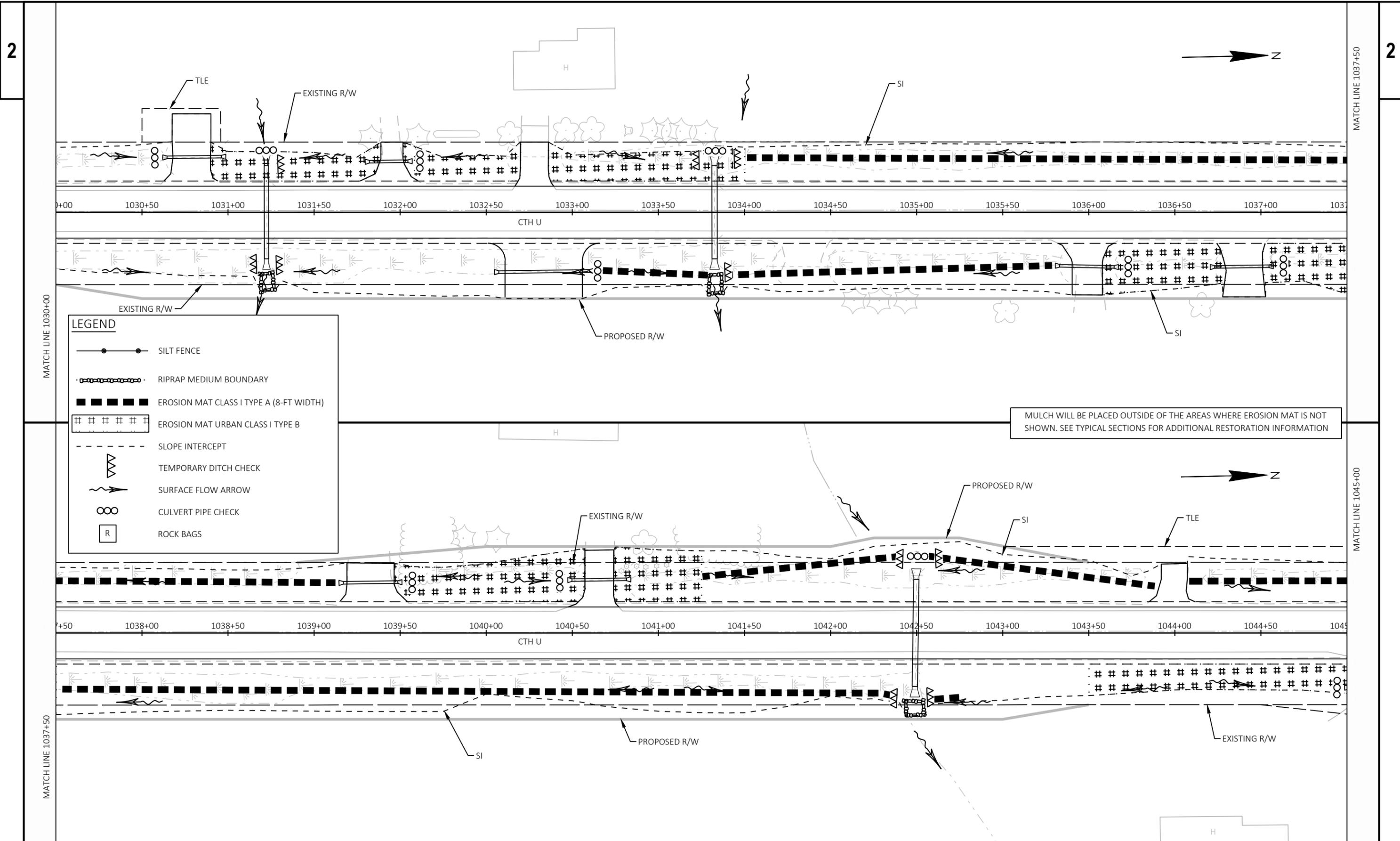
MULCH WILL BE PLACED OUTSIDE OF THE AREAS WHERE EROSION MAT IS NOT SHOWN. SEE TYPICAL SECTIONS FOR ADDITIONAL RESTORATION INFORMATION



LEGEND

- SILT FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A (8-FT WIDTH)
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- ROCK BAGS

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PROJECT NO: 583500 HWY: CTH U COUNTY: OUTAGAMIE EROSION CONTROL SHEET E

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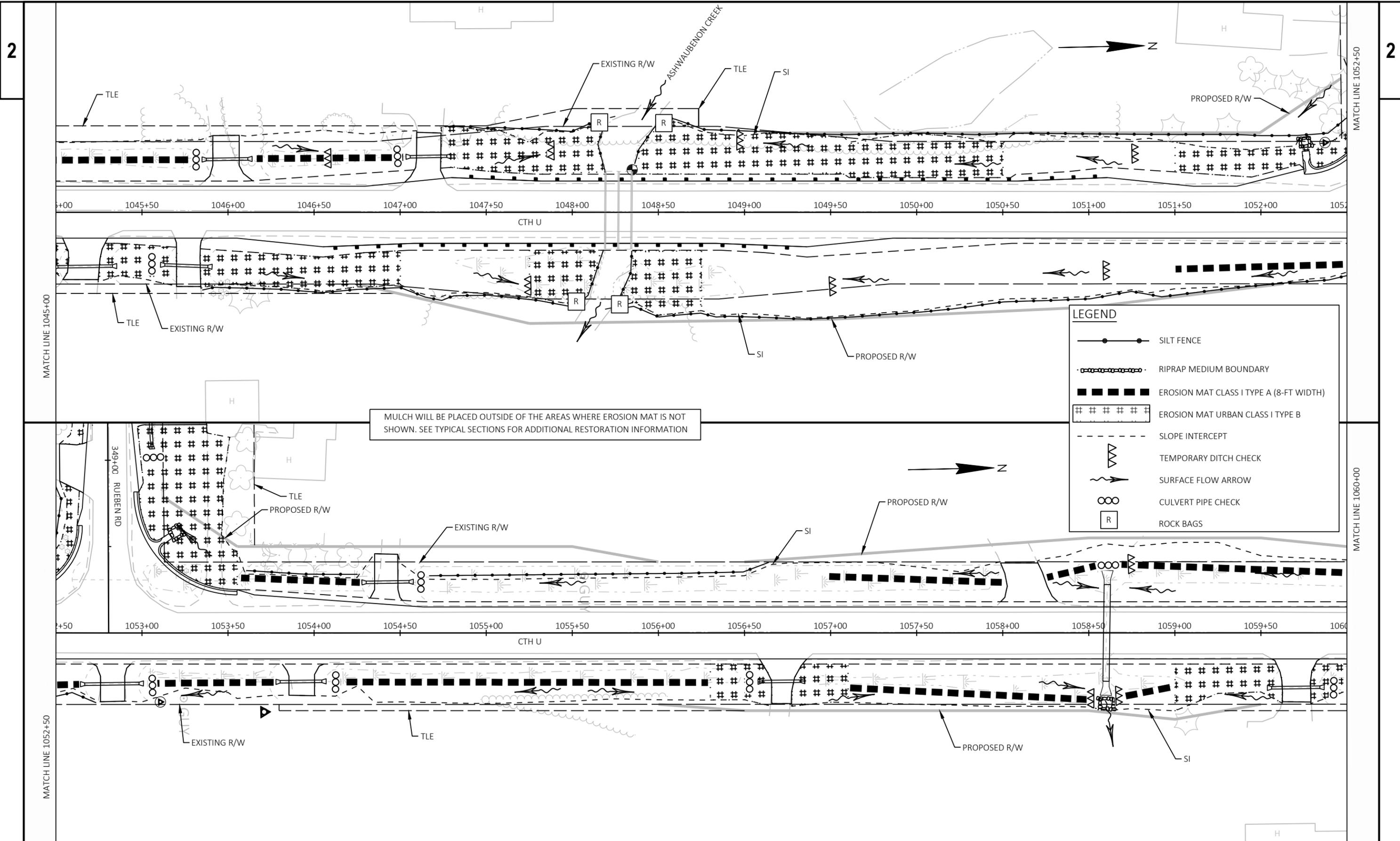
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PLOT BY : JAKE NEERDAELS

PLOT NAME :

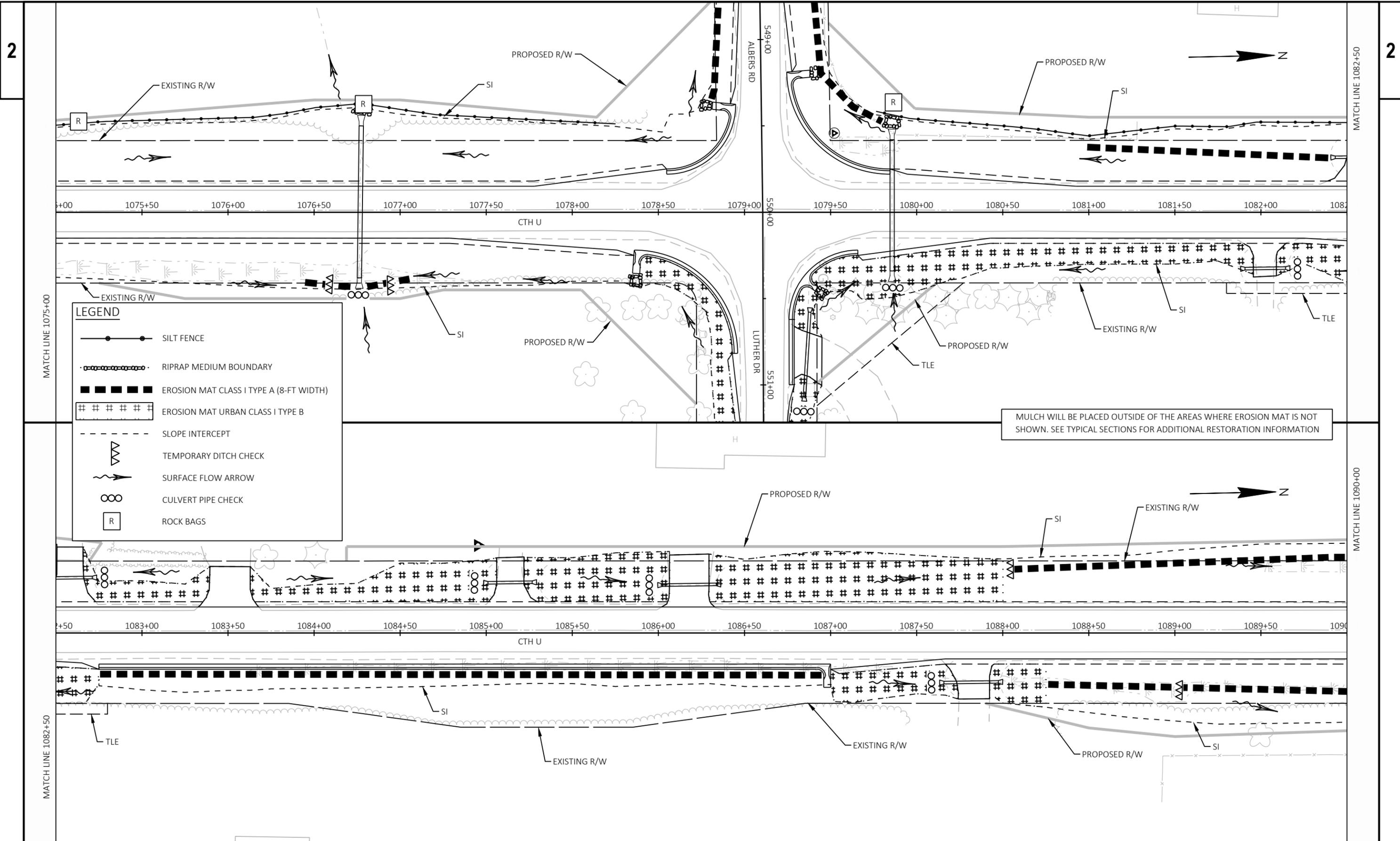
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WISDOT/CADD'S SHEET 44



PROJECT NO: 583500	HWY: CTH U	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E
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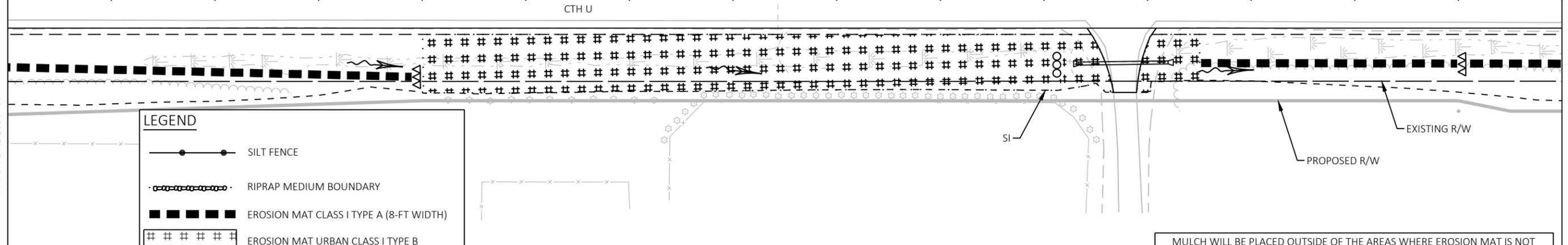
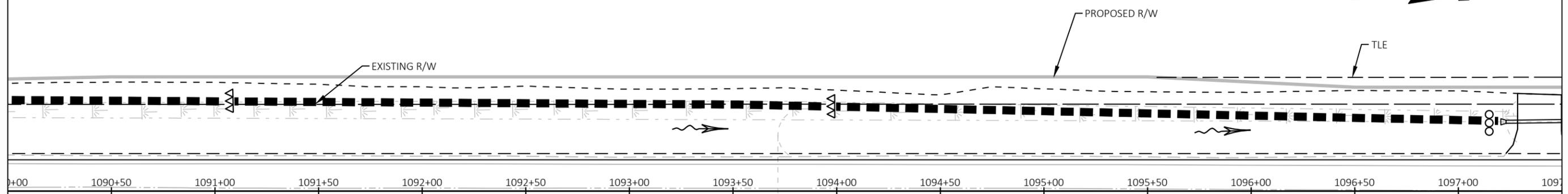
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PLOT BY : JAKE NEERDAELS

PLOT NAME :

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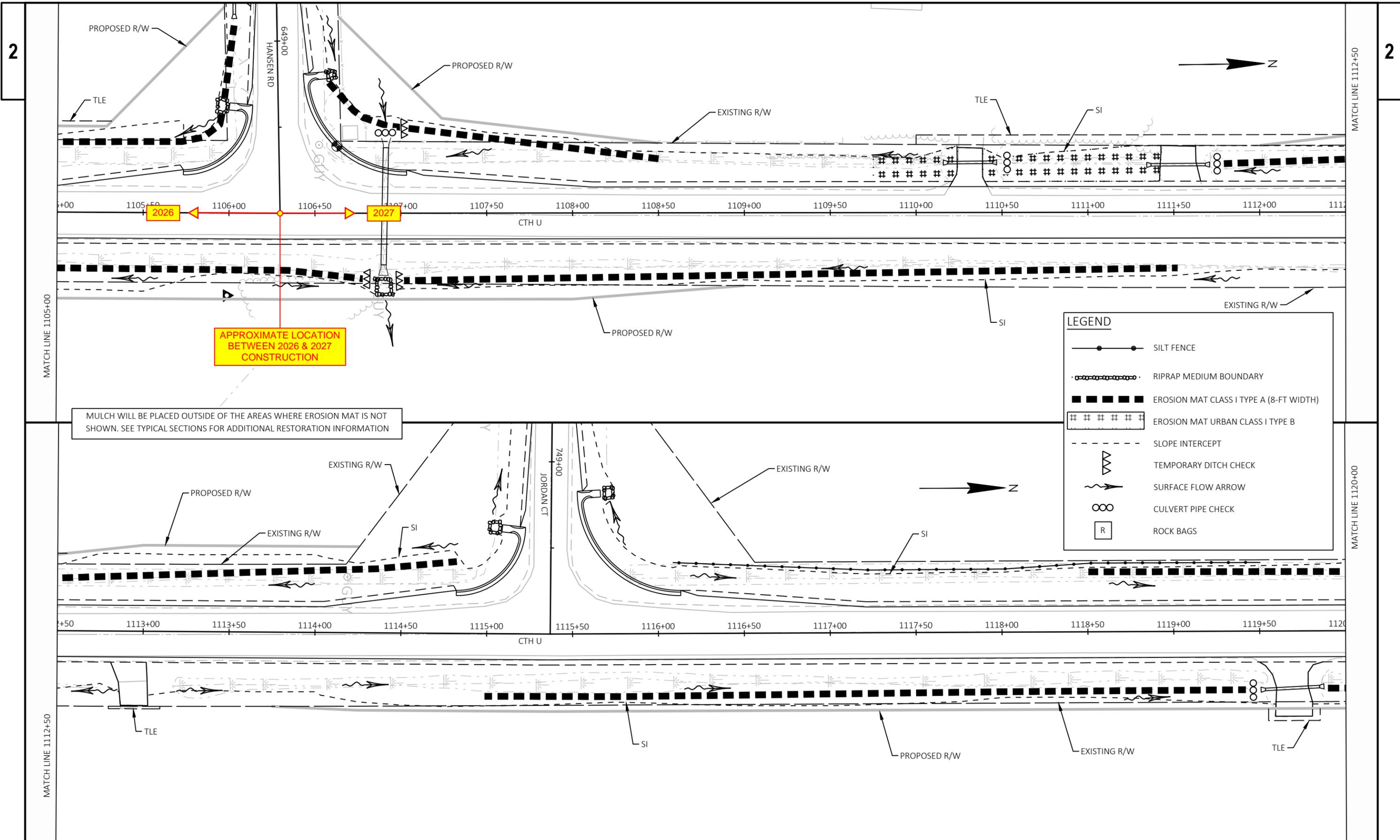
WISDOT/CADD SHEET 44



LEGEND

- SILT FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A (8-FT WIDTH)
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- ROCK BAGS

MULCH WILL BE PLACED OUTSIDE OF THE AREAS WHERE EROSION MAT IS NOT SHOWN. SEE TYPICAL SECTIONS FOR ADDITIONAL RESTORATION INFORMATION



PROJECT NO: 583500 HWY: CTH U COUNTY: OUTAGAMIE EROSION CONTROL SHEET **E**

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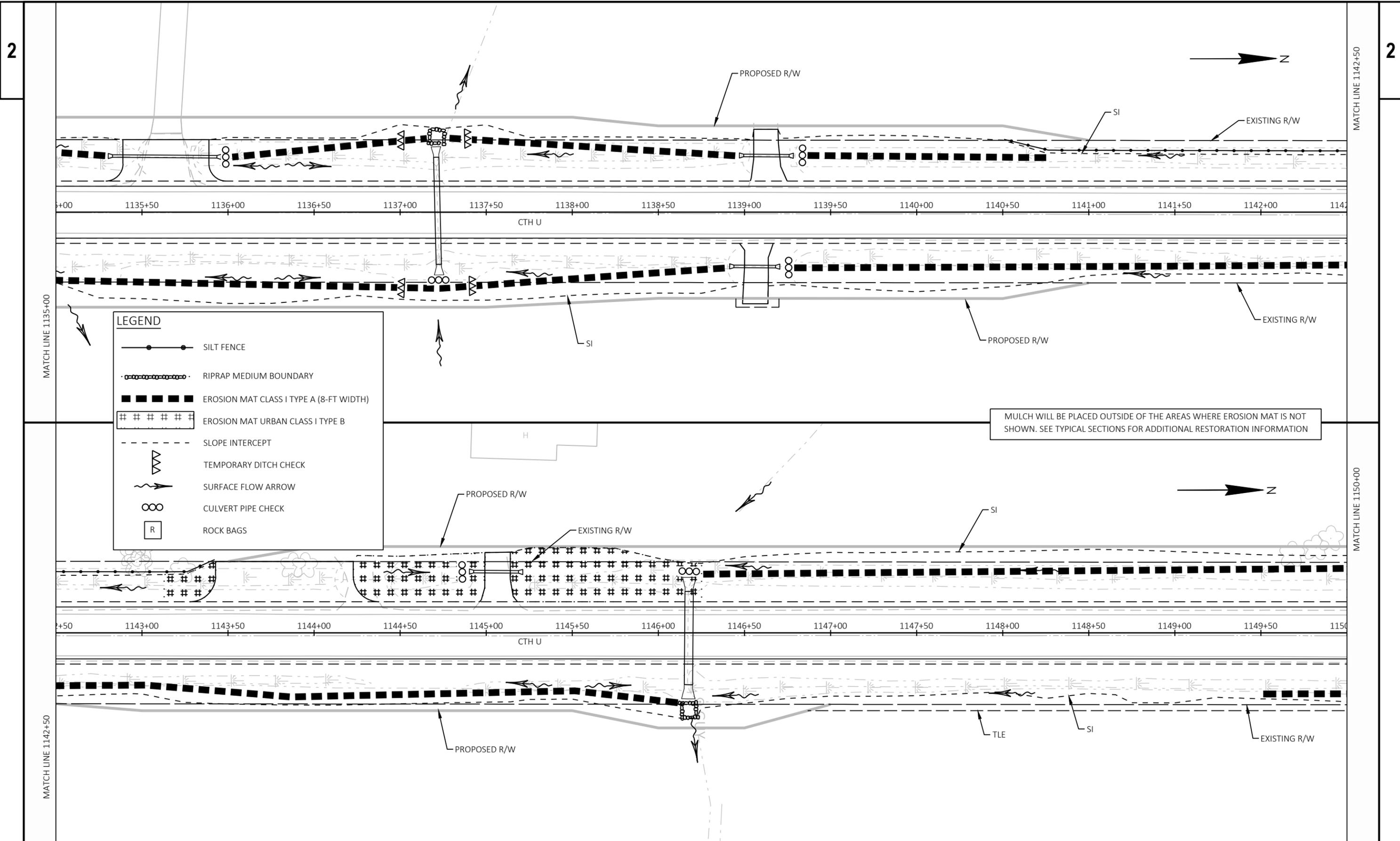
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PLOT BY : JAKE NEERDAELS

PLOT NAME :

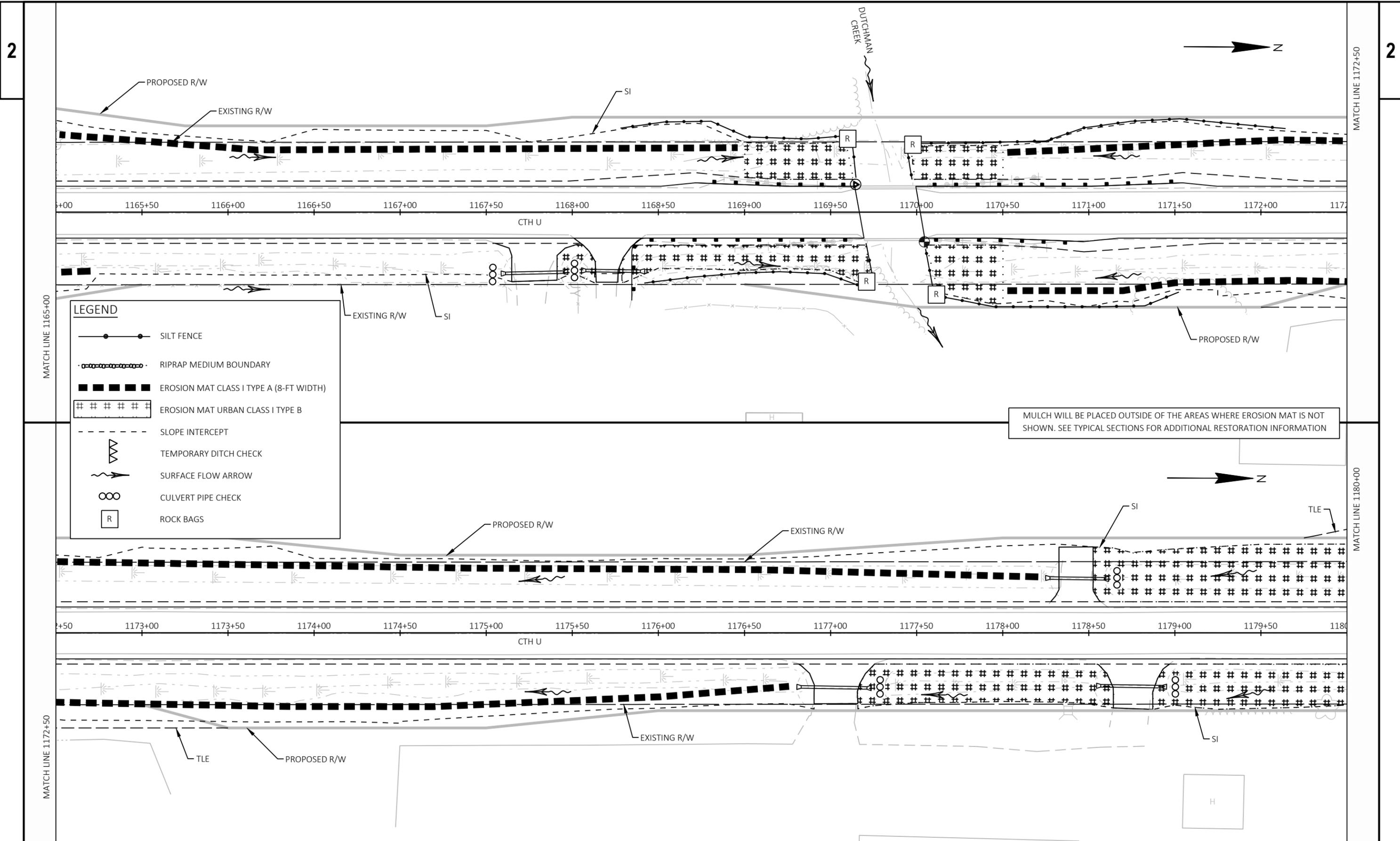
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WISDOT/CADD5 SHEET 44



PROJECT NO: 583500 HWY: CTH U COUNTY: OUTAGAMIE EROSION CONTROL SHEET E

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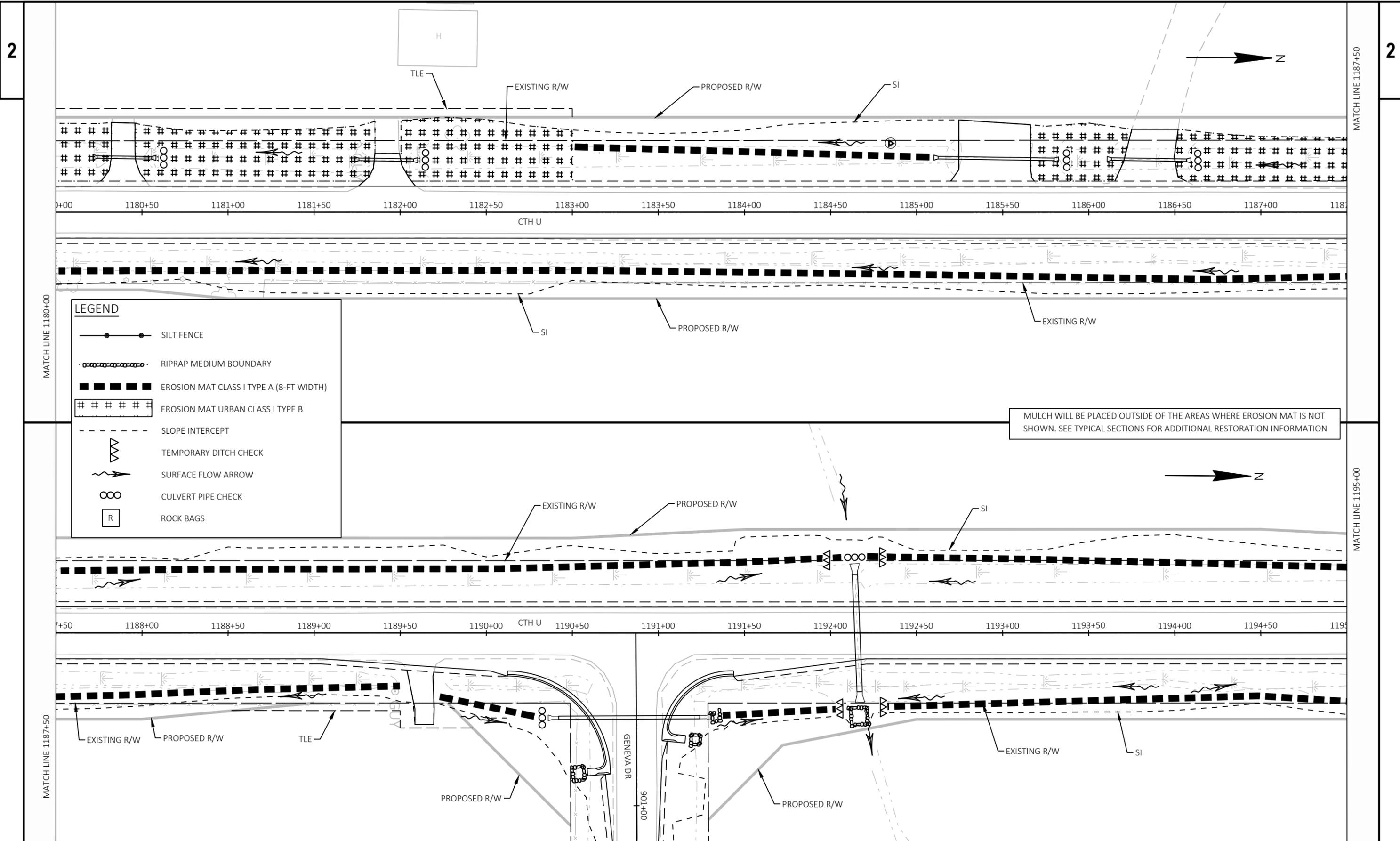
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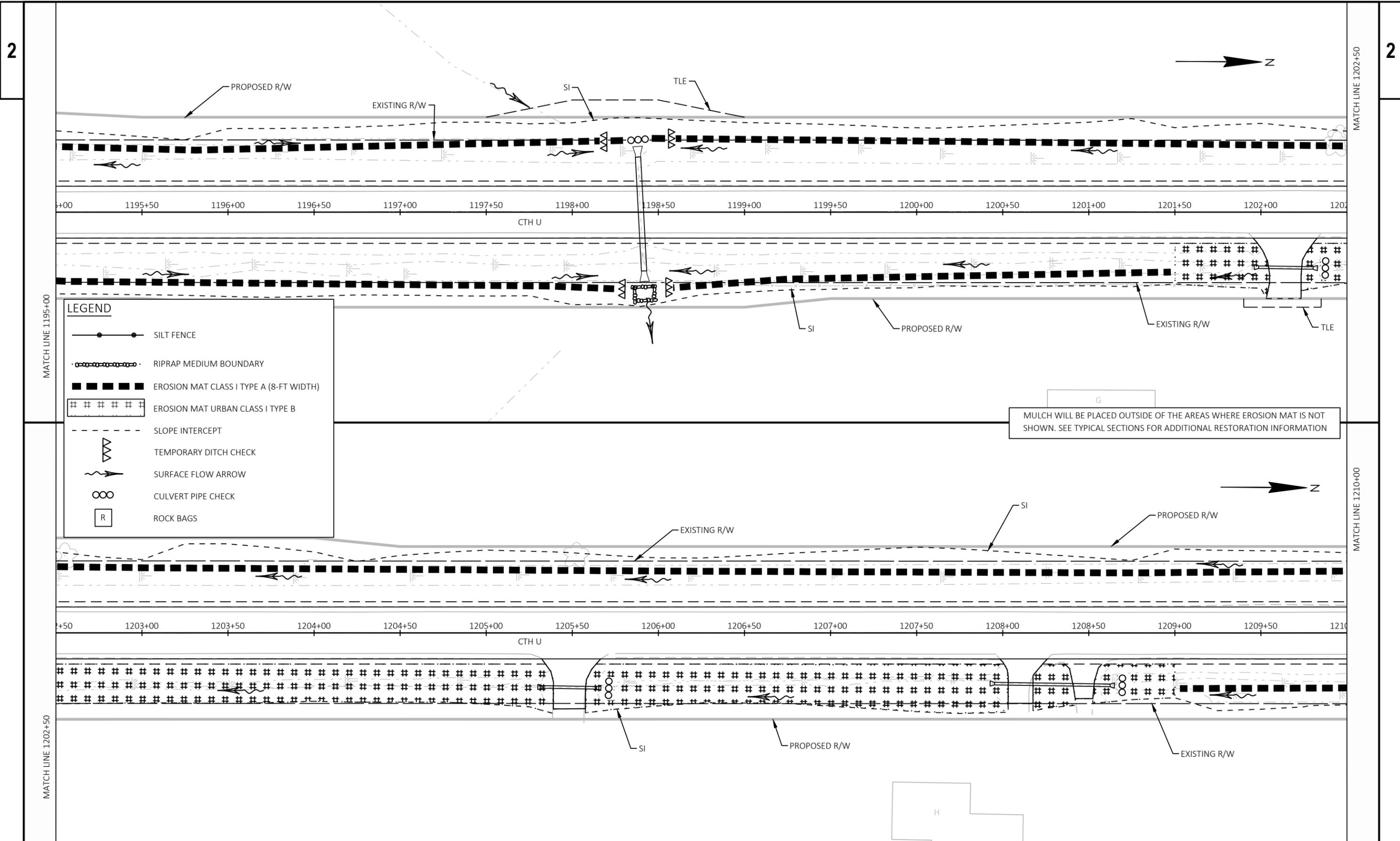
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PLOT SCALE : 1 IN:50 FT

WISDOT/CADD5 SHEET 44



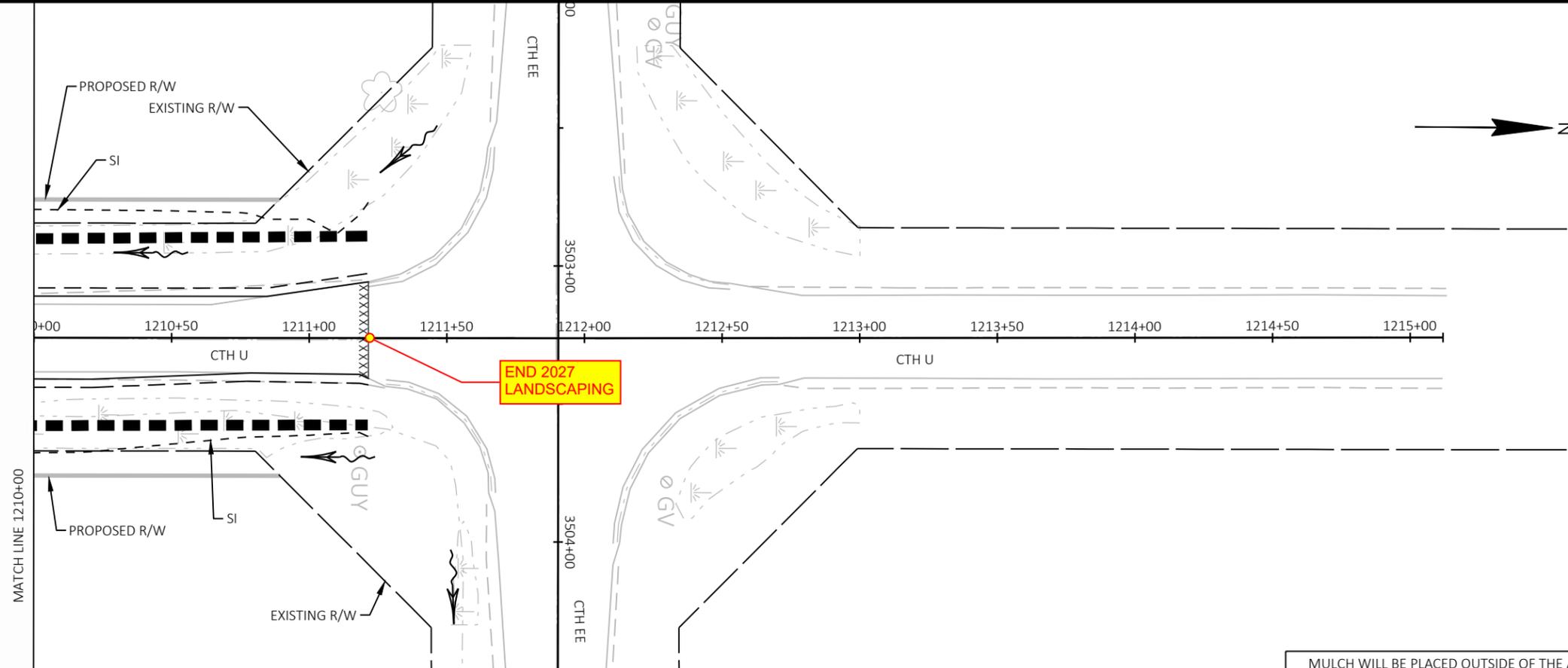
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LEGEND

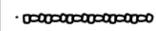
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MULCH WILL BE PLACED OUTSIDE OF THE AREAS WHERE EROSION MAT IS NOT SHOWN. SEE TYPICAL SECTIONS FOR ADDITIONAL RESTORATION INFORMATION



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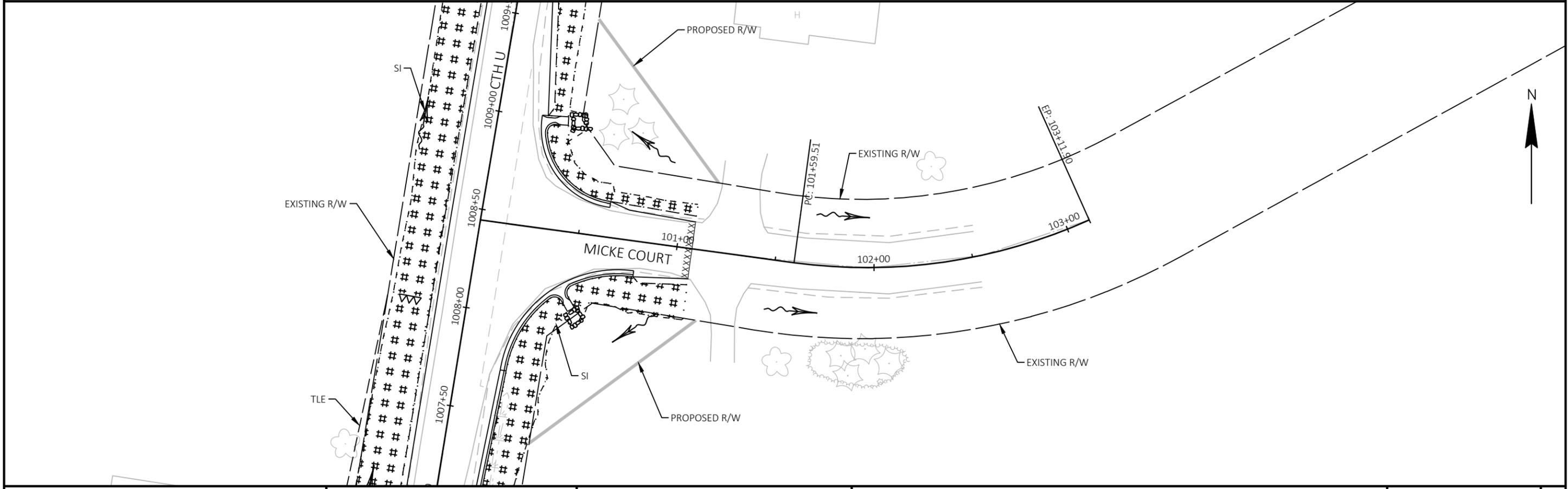
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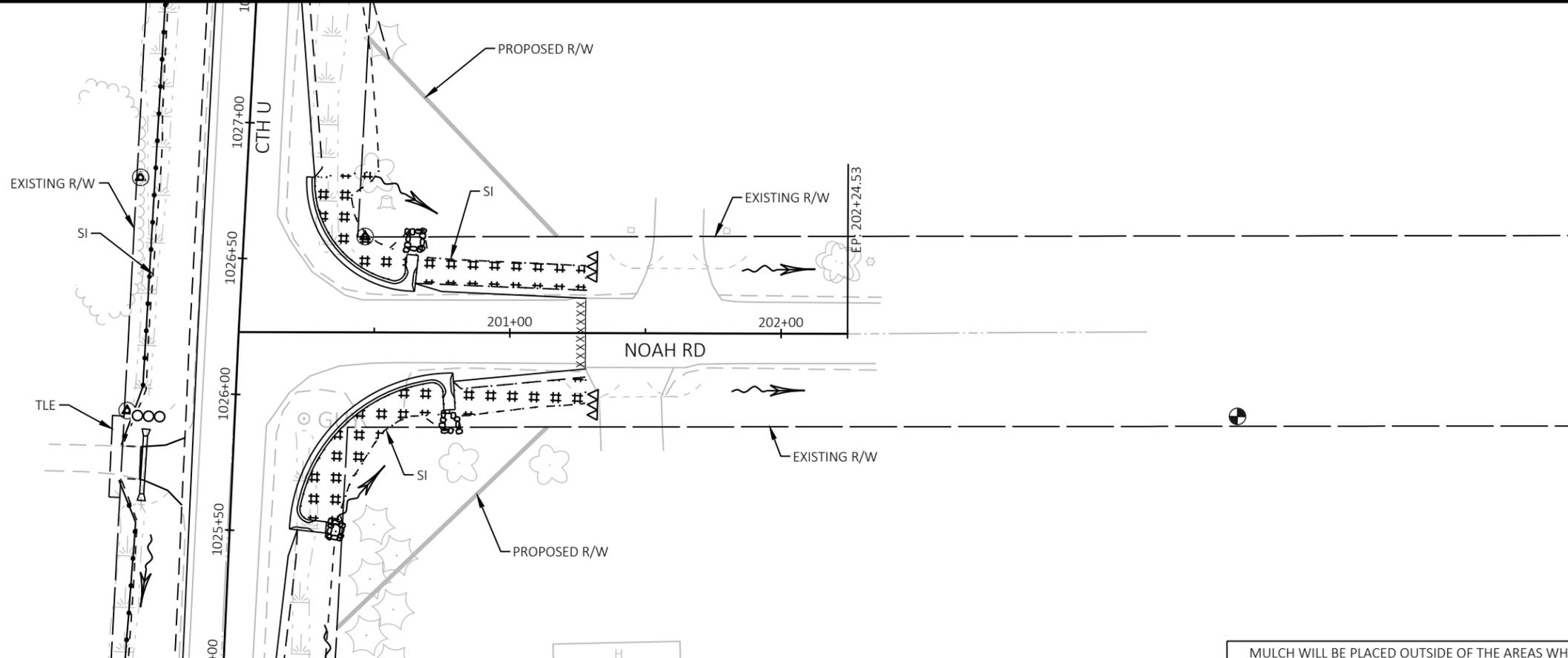
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-  EROSION MAT URBAN CLASS I TYPE B
-  SLOPE INTERCEPT
-  TEMPORARY DITCH CHECK
-  SURFACE FLOW ARROW
-  CULVERT PIPE CHECK
-  ROCK BAGS

LEGEND

-  SILT FENCE
-  RIPRAP MEDIUM BOUNDARY
-  EROSION MAT CLASS I TYPE A (8-FT WIDTH)
-  EROSION MAT URBAN CLASS I TYPE B
-  SLOPE INTERCEPT
-  TEMPORARY DITCH CHECK
-  SURFACE FLOW ARROW
-  CULVERT PIPE CHECK
-  ROCK BAGS

MULCH WILL BE PLACED OUTSIDE OF THE AREAS WHERE EROSION MAT IS NOT SHOWN. SEE TYPICAL SECTIONS FOR ADDITIONAL RESTORATION INFORMATION

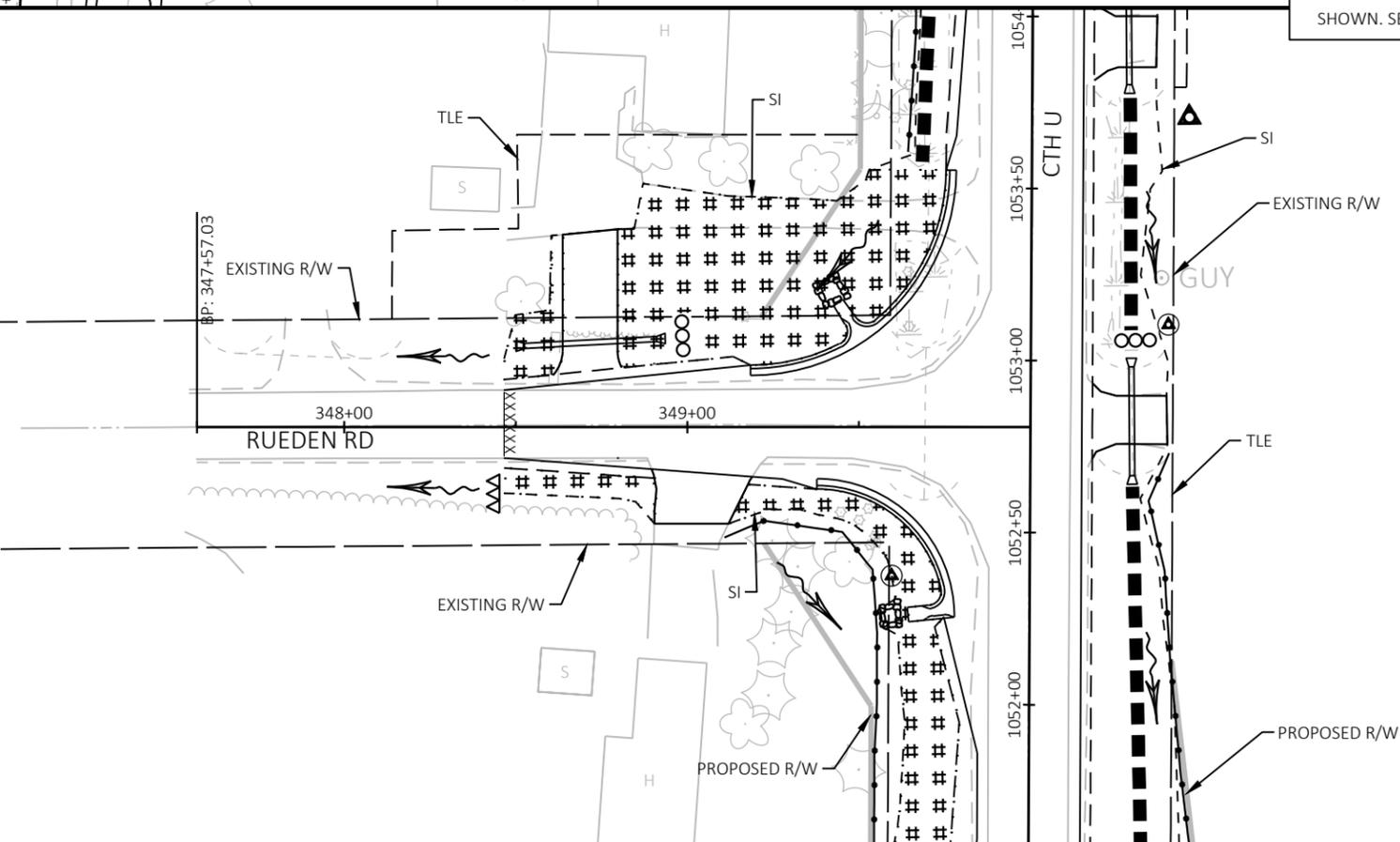


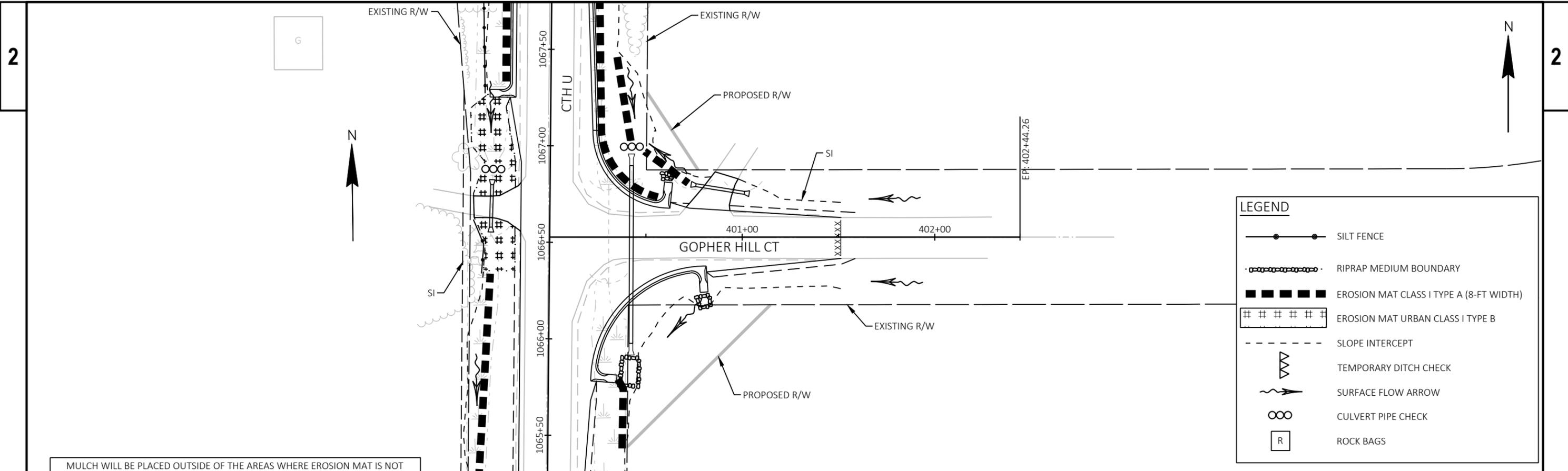


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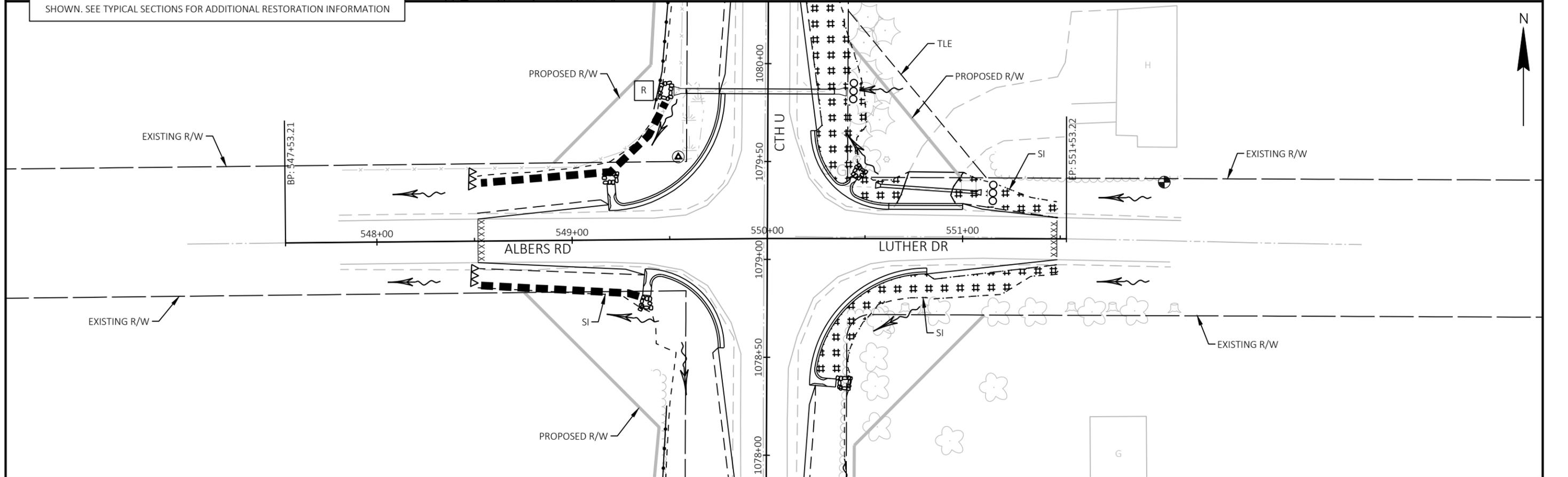
LEGEND

- SILT FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A (8-FT WIDTH)
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MULCH WILL BE PLACED OUTSIDE OF THE AREAS WHERE EROSION MAT IS NOT SHOWN. SEE TYPICAL SECTIONS FOR ADDITIONAL RESTORATION INFORMATION



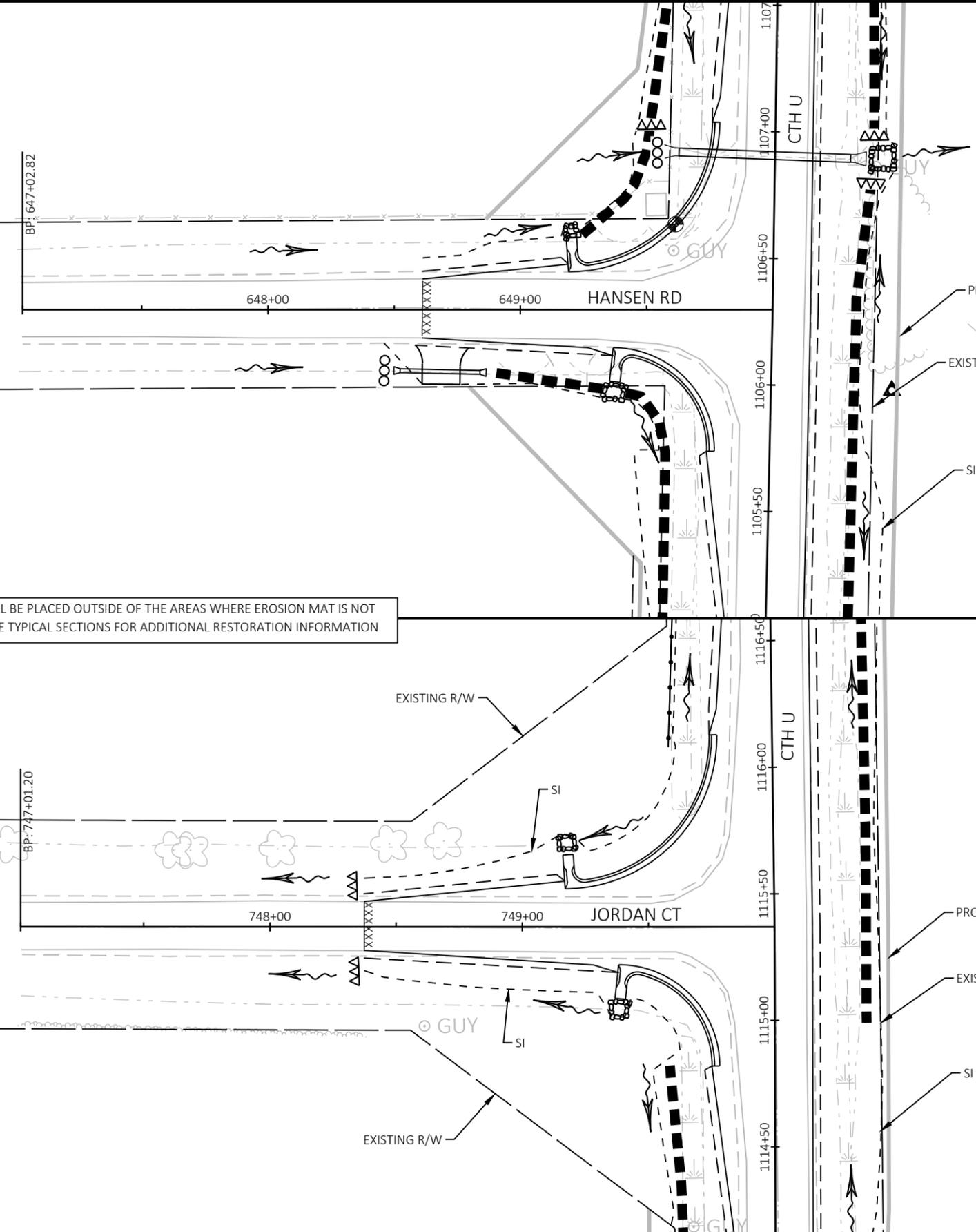
PROJECT NO: 583500	HWY: CTH U	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E
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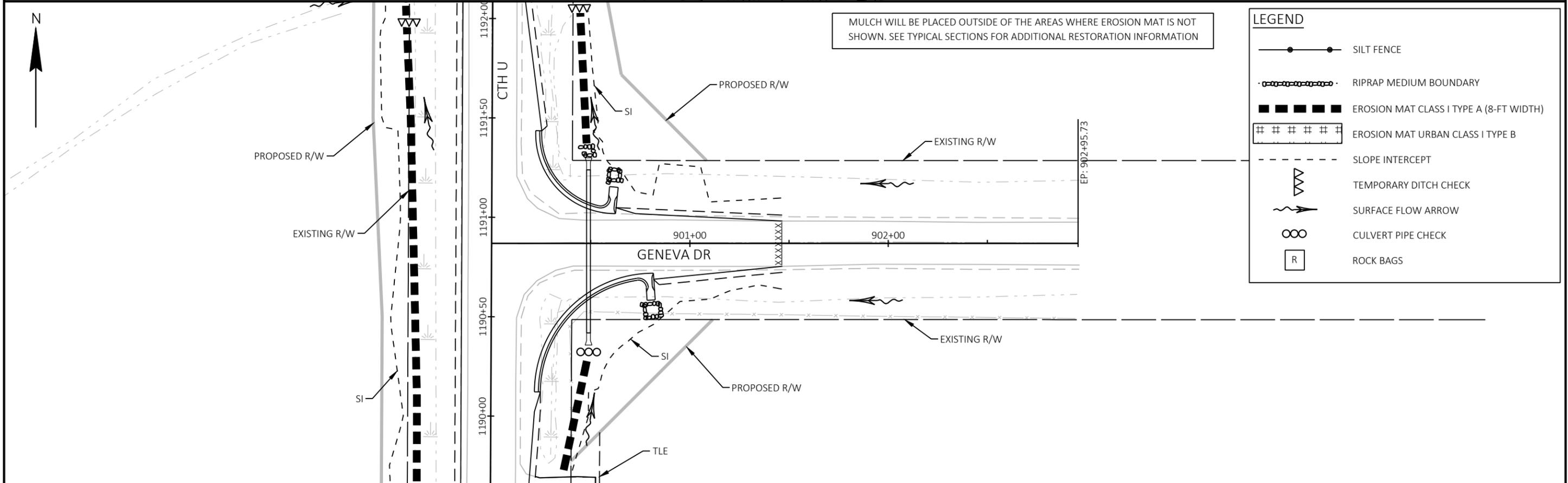
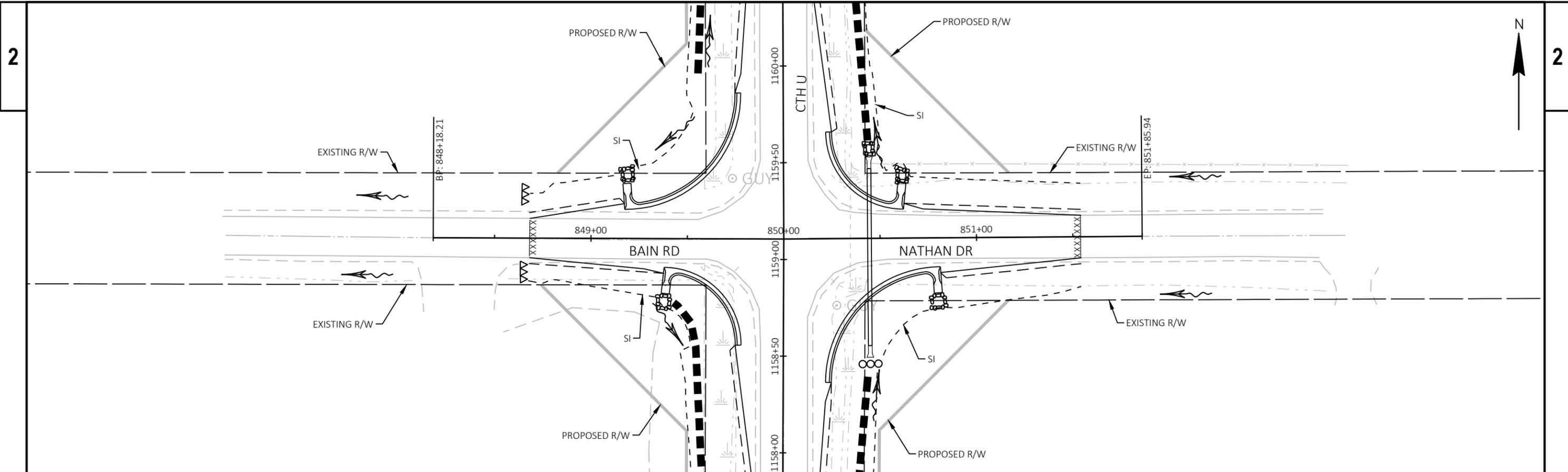
LEGEND

- SILT FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A (8-FT WIDTH)
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PROJECT NO: 583500	HWY: CTH U	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET	E
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LEGEND	
	SILT FENCE
	RIPRAP MEDIUM BOUNDARY
	EROSION MAT CLASS I TYPE A (8-FT WIDTH)
	EROSION MAT URBAN CLASS I TYPE B
	SLOPE INTERCEPT
	TEMPORARY DITCH CHECK
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	CULVERT PIPE CHECK
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PROJECT NO: 583500 HWY: CTH U COUNTY: OUTAGAMIE EROSION CONTROL SHEET E