

PROJECT ID: 4670-10-71
WITH: 4580-10-71

COUNTY: CALUMET

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 =



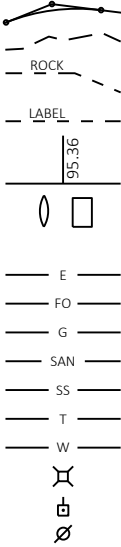
DESIGN DESIGNATION

A.A.D.T.	2021	=	8,300
A.A.D.T.	2041	=	9,900
D.H.V.		=	
D.D.		=	59/41
T (D.H.V.)		=	6.3%
DESIGN SPEED		=	30-55 MPH
ESALS		=	1,500,000

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

STOCKBRIDGE - KAUKAUNA

SOUTH JCT STH 114 - CASTLE DRIVE

STH 55
CALUMET COUNTY

STATE PROJECT NUMBER
4670-10-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4670-10-71		

TRANS 220
PROJECT PLAN
FOR
DESIGN OF UTILITY FACILITY
ALTERATIONS OR RELOCATIONS

Date: 10/06/2020

BEGIN PROJECT 4670-10-71
STA 397+36.66
Y=532,068.473
X=864,118.538

END PROJECT 4670-10-71
STA 471+10.72
Y=525,689.351
X=864,665.185



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 1.397 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, CALUMET COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NATIONAL AMERICAN VERTICAL DATUM OF NAV88 (2012).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SURVEYOR
Designer	JOSH LANG
Project Manager	T. G. VERHAGEN
Regional Examiner	
Regional Supervisor	CHAD DEGRAVE

APPROVED FOR THE DEPARTMENT
DATE: _____ (Signature)

E

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.

THE CONTRACTOR SHALL COORDINATE HIS 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.

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

EROSION CONTROL FEATURES ARE AT SUGGESTED LOCATIONS AND THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.

PROTECT ALL DISTURBED SLOPES 3:1 OR STEEPER WITH EROSION MAT AFTER SEEDING AND FERTILIZING.

STATIONING, DISTANCES AND OFFSETS FOR SIGNS ARE APPROXIMATE AND THE EXACT LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

A BUTT JOINT AND VERTICAL FACE IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT.

THE GUTTER SLOPE OF CURB & GUTTER CONSTRUCTED WITH THE PROJECT SHALL MATCH THAT OF ADJACENT CURB & GUTTER EXCEPT AS SHOWN OR APPROVED BY THE ENGINEER AND PROVIDE A POSITIVE DRAINAGE.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

BASE AGGREGATE DENSE 1 1/4-INCH INCLUDED IN THE CONTRACT FOR CURB, CURB & GUTTER, AND SIDEWALK CONSTRUCTION IS INTENDED FOR LEVELING THE EXISTING GRADE FOR ANCILLARY CONCRETE CONSTRUCTION. EXISTING BASE COURSE MATERIALS DO NOT NEED TO BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PLAN DETAILS
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT PLAN

DNR LIAISON

MATT SCHAEVE (NORTHEAST-CALUMET, DOOR, KEWAUNEE, MANITOWOC, OUTAGAMIE)
2984 SHAWANO AVE.
GREEN BAY, WI 54313
(920) 366-1544
matthew.schaeve@wisconsin.gov

COUNTY HIGHWAY COMMISSIONER

BRIAN P. GLAESER
241 E CHESTNUT ST
CHILTON, WI 53014-1554
920-849-1463
GLAESER.BRIAN@CO.CALUMET.WI.US

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920)492-5638
cormac.mcinnis@dot.wi.gov

NE REGION DESIGN PROJECT MANAGER

TIMOTHY G. VERHAGEN, PE
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920)362-1267
timothy.verhagen@dot.wi.gov

UTILITIES CONTACTS

COMMUNICATIONS

COMPANY NAME
CONTACT NAME
ADDRESS
CITY, STATE, ZIP
PHONE:
EMAIL:

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP- TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE- TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT						.70 - .95						
CONCRETE						.80 - .95						
BRICK						.70 - .80						
DRIVES, WALKS						.75 - .85						
ROOFS						.75 - .95						
GRAVEL ROADS, SHOULDERS						.40 - .60						

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



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

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

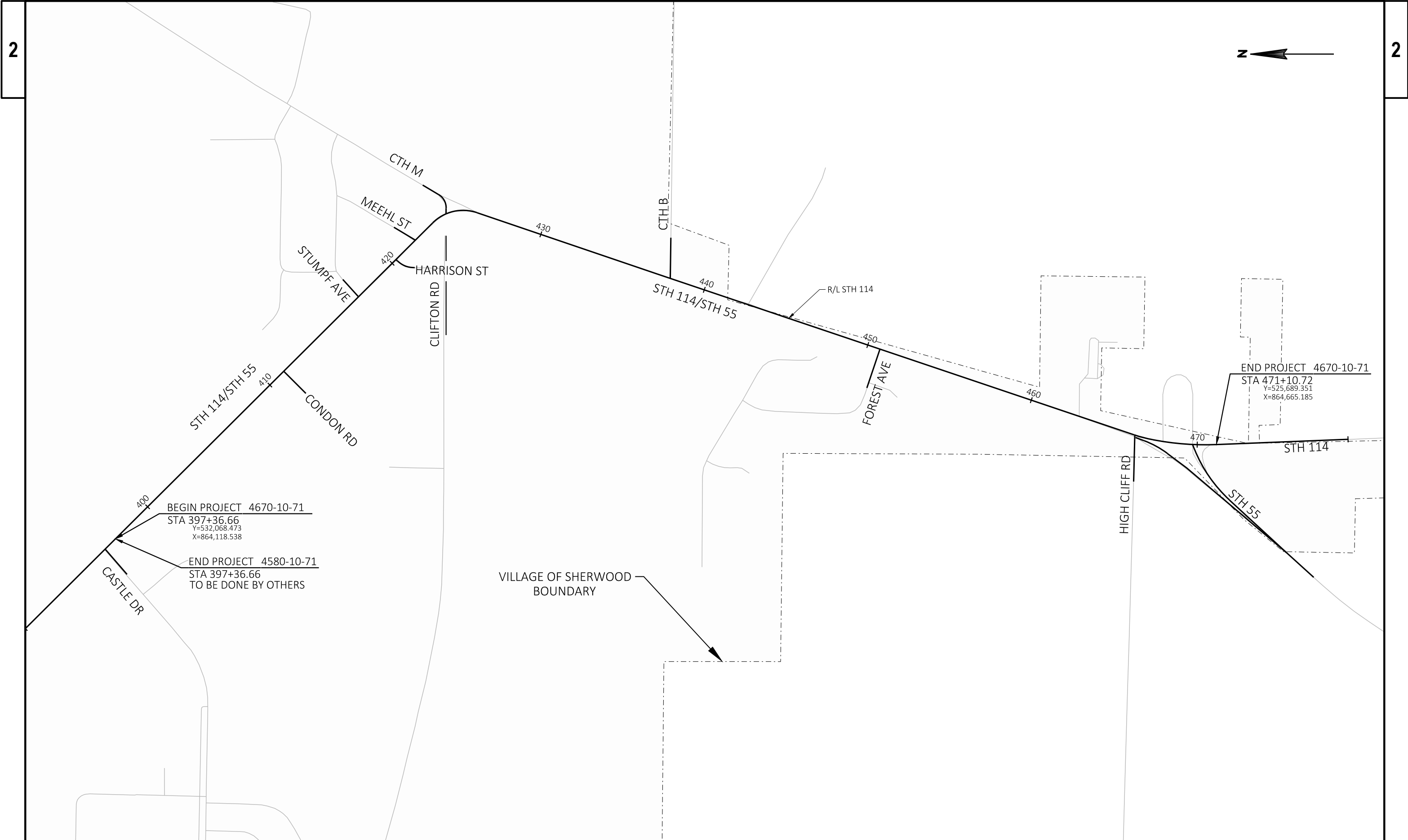
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261
GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

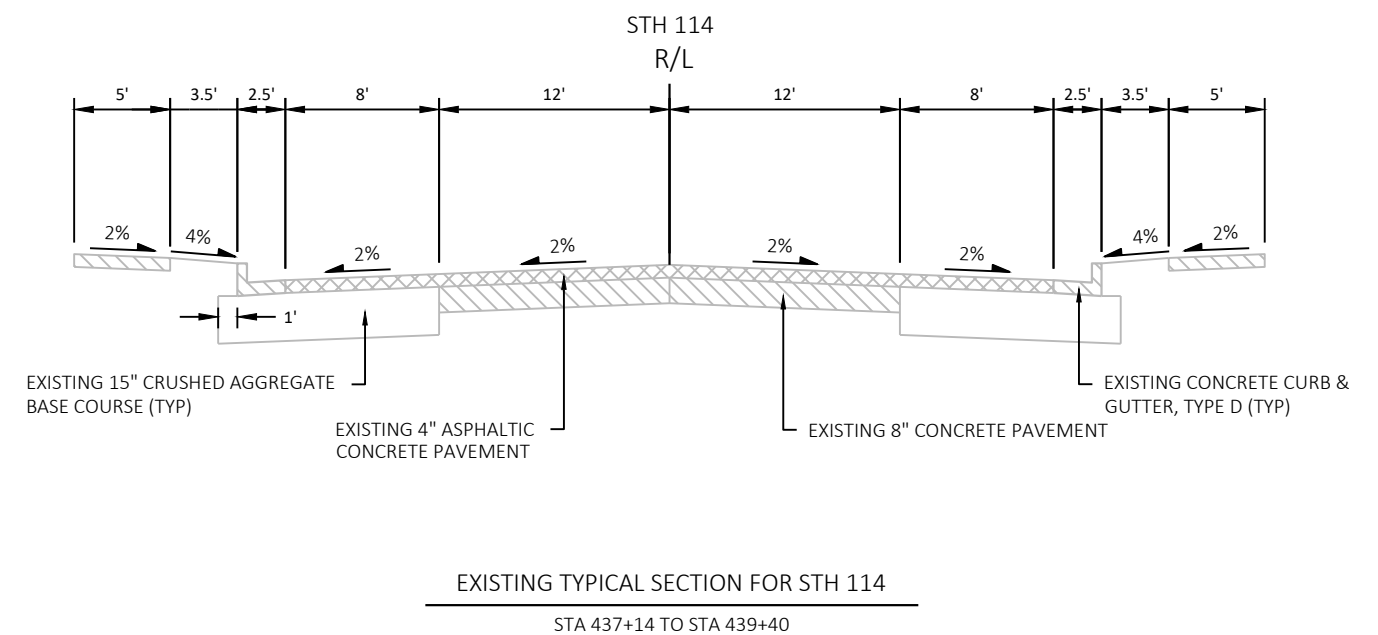
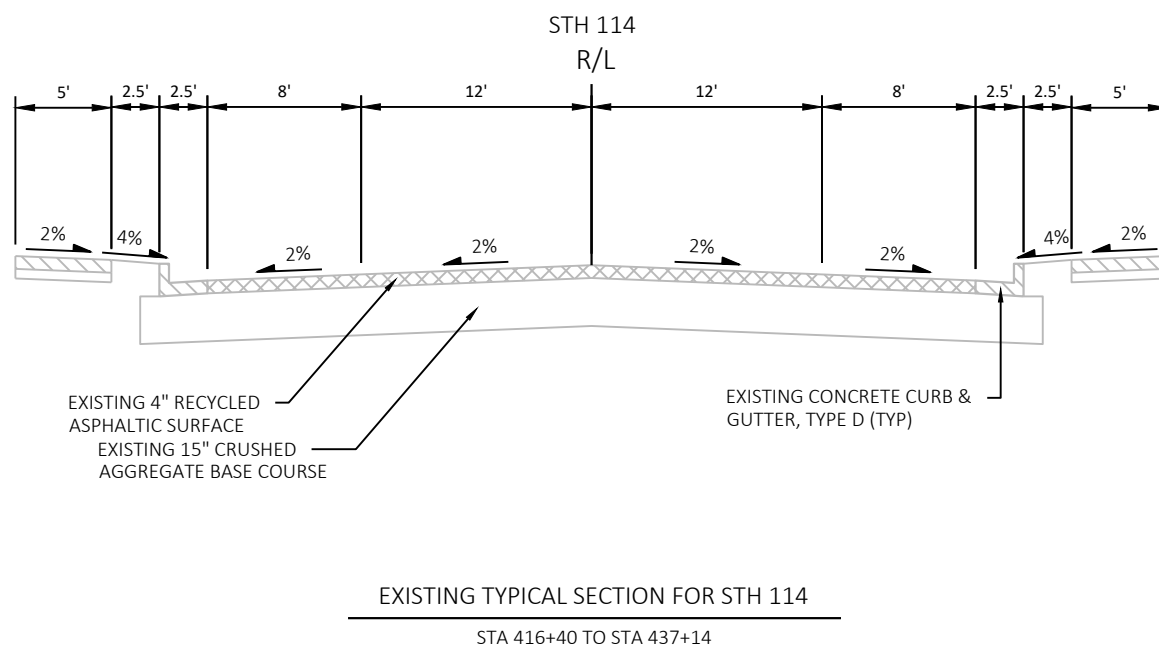
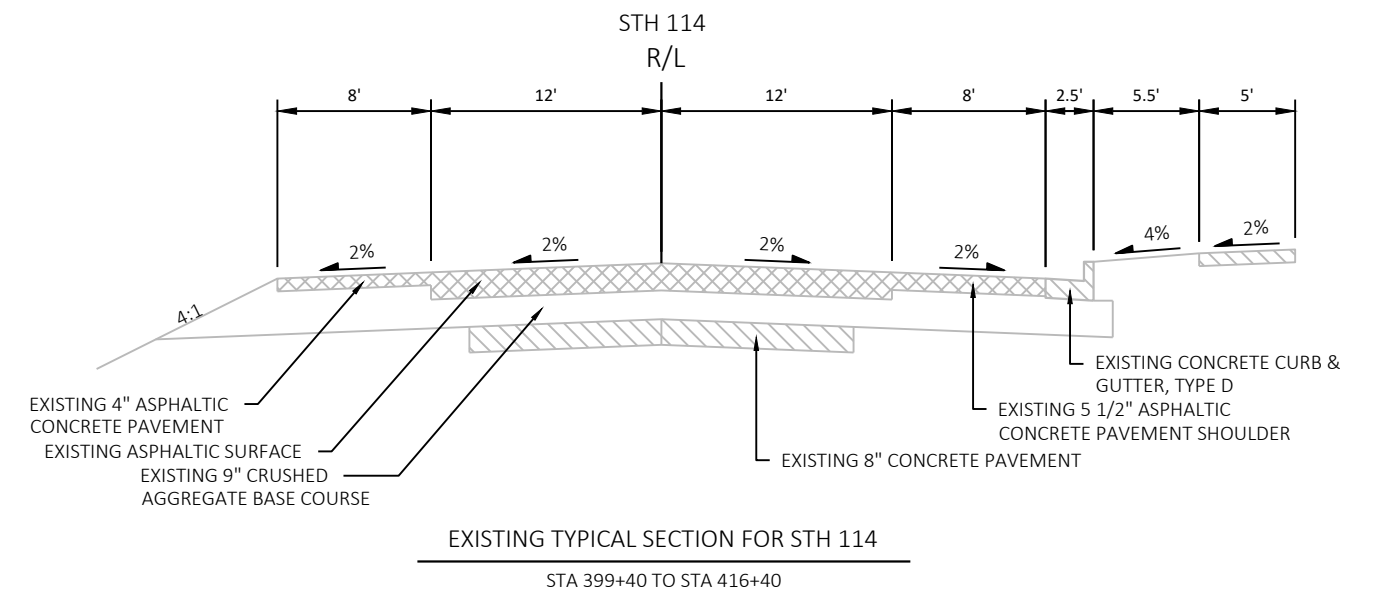
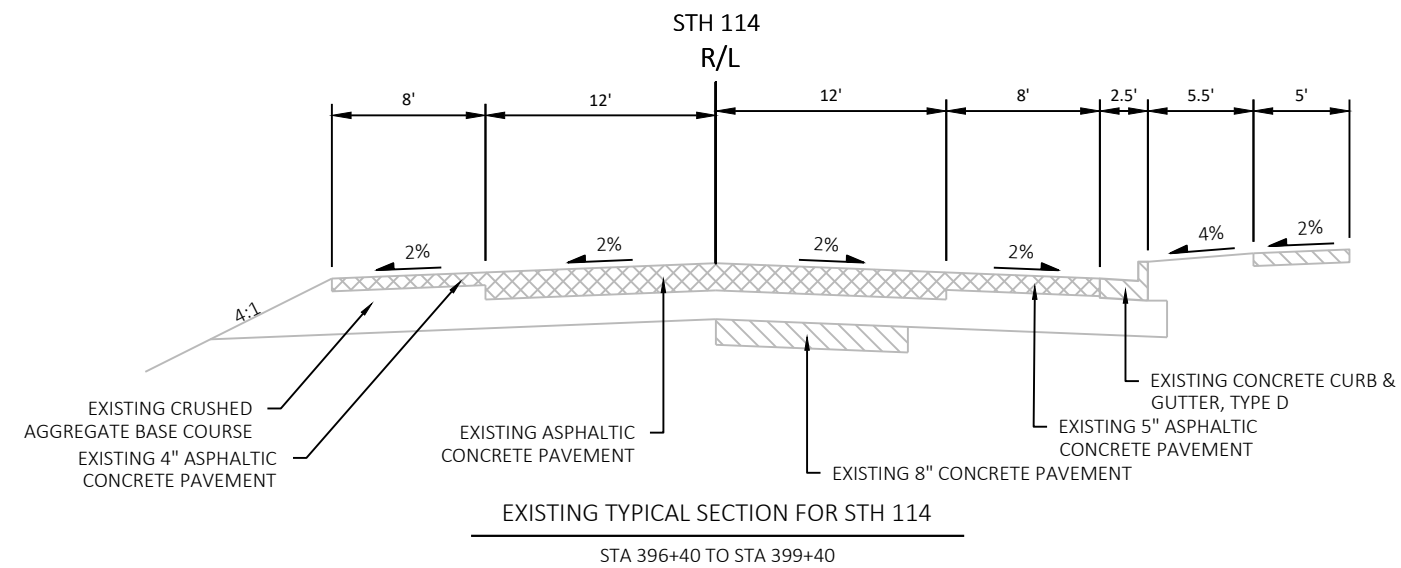
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240
GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

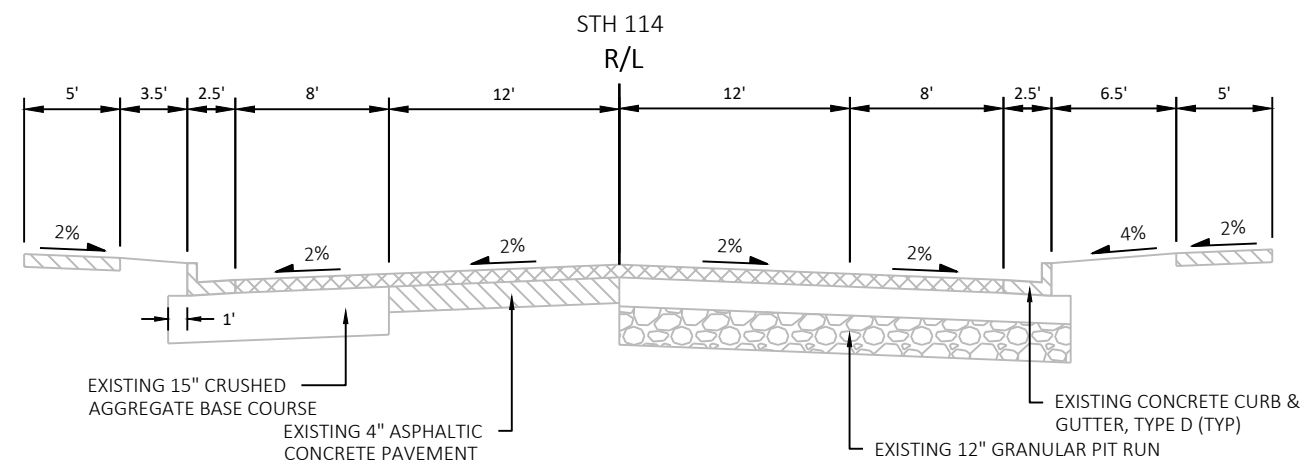
EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797
GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325



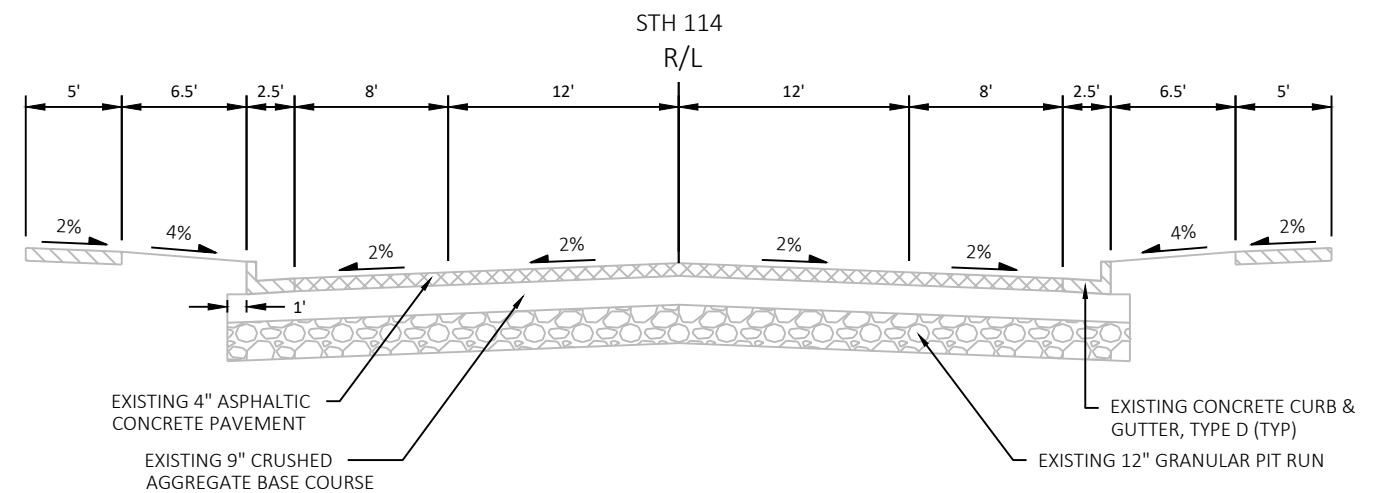
PROJECT NO: 4670-10-71	HWY: STH 55	COUNTY: CALUMET	PROJECT OVERVIEW	SHEET	E
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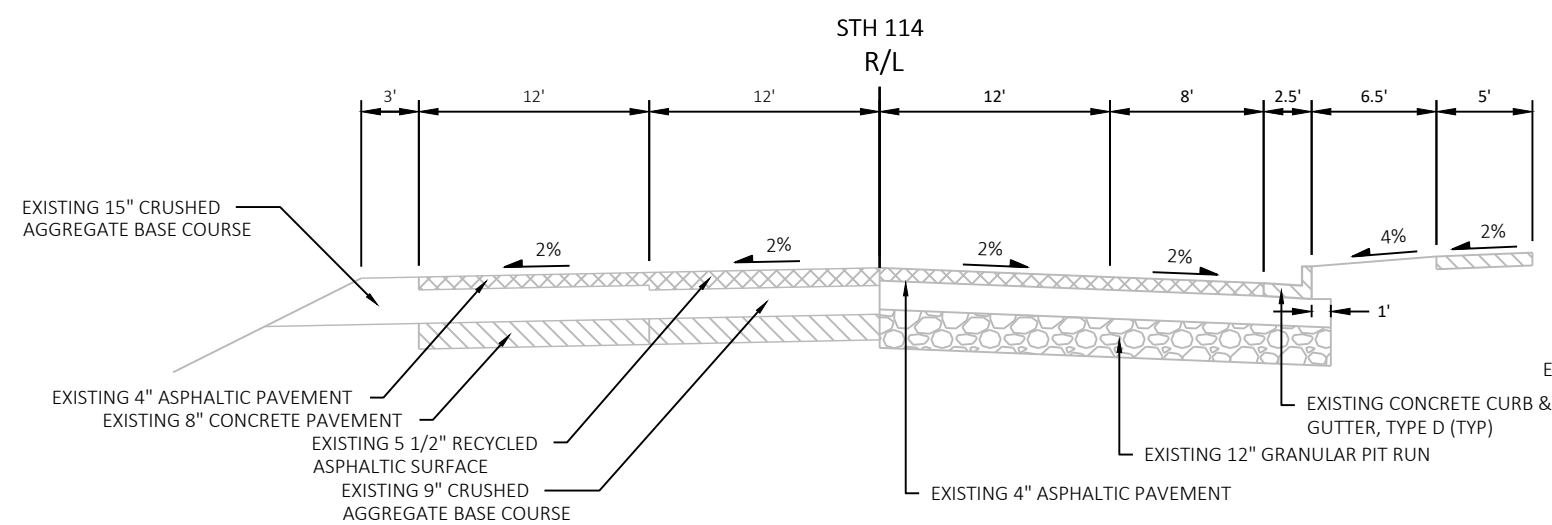
EXISTING TYPICAL SECTION FOR STH 114

STA 439+40 TO STA 440+39



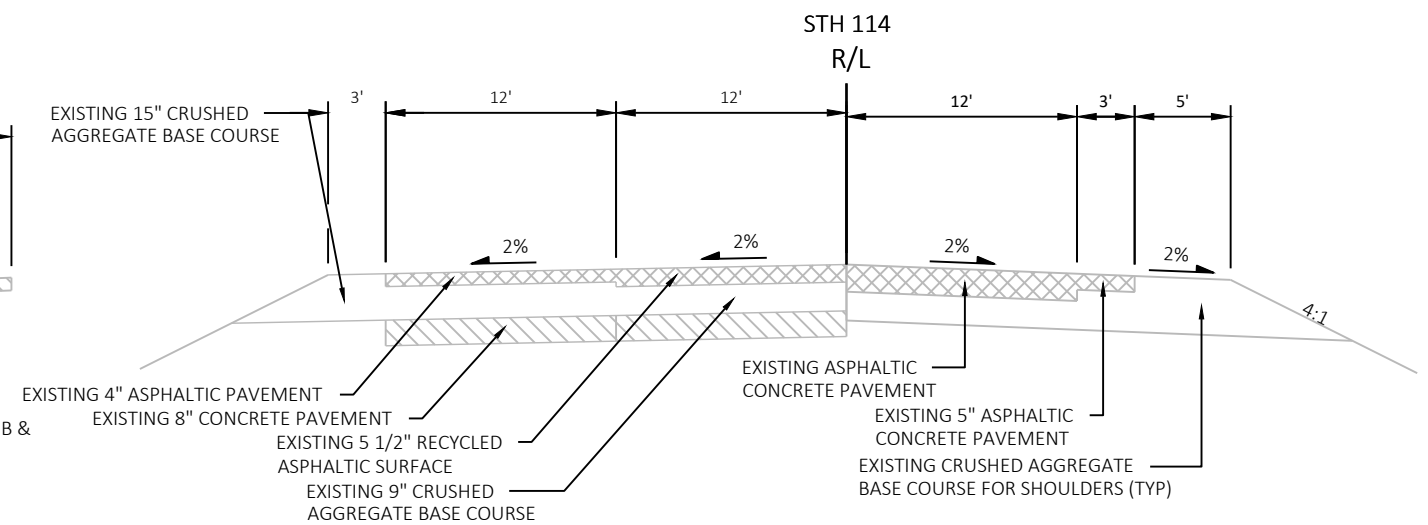
EXISTING TYPICAL SECTION FOR STH 114

STA 440+39 TO STA 448+39



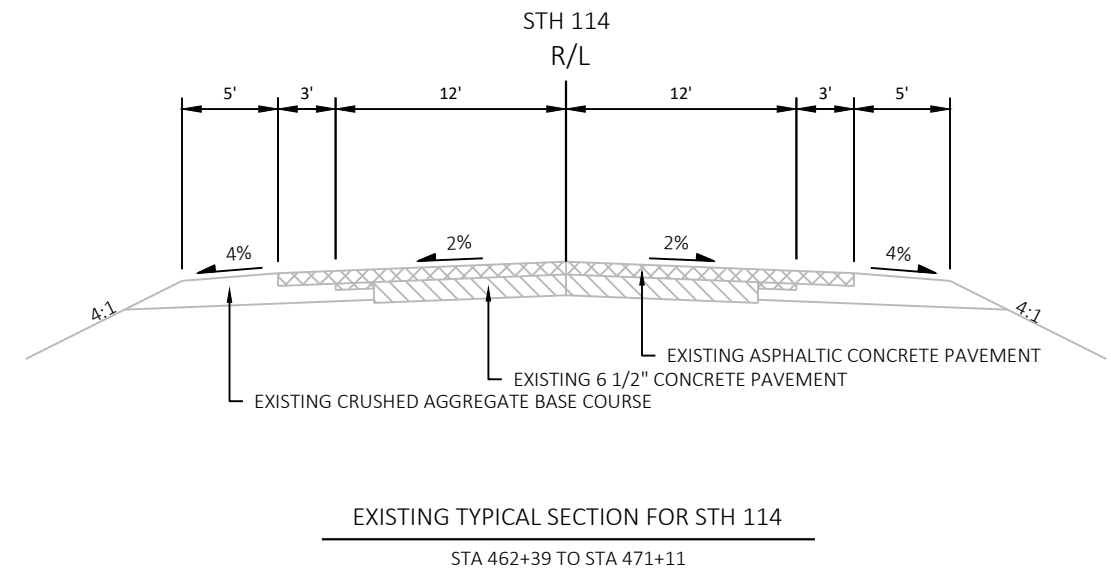
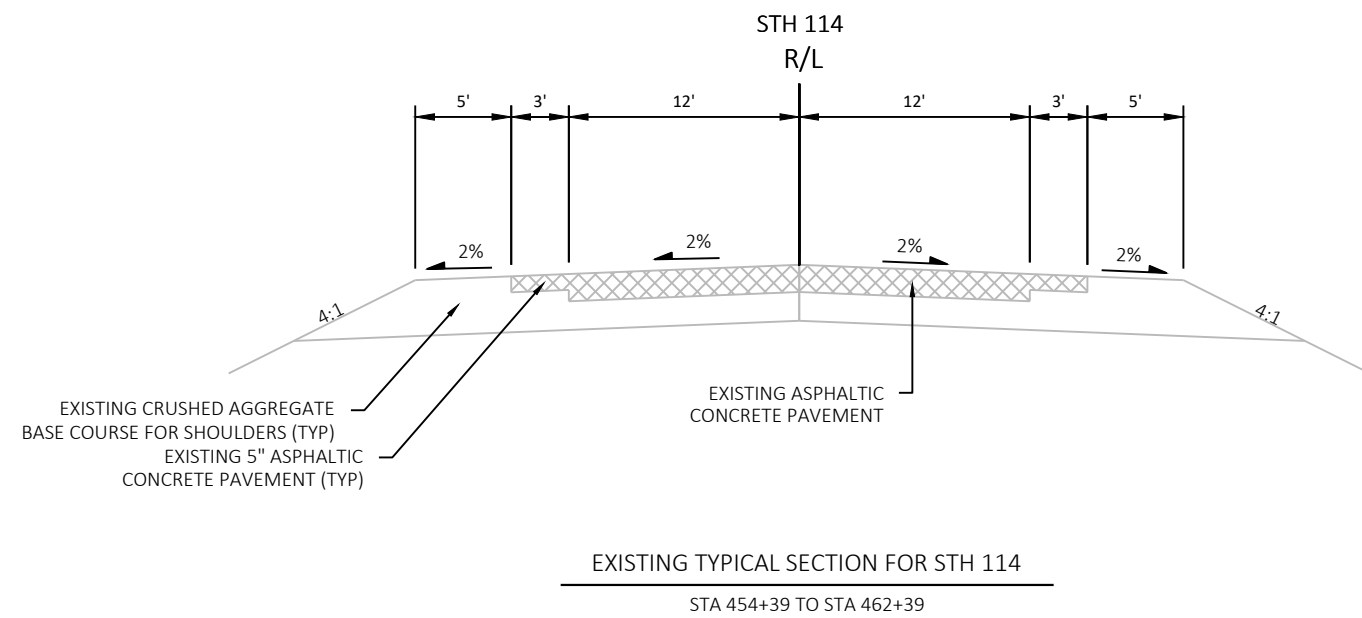
EXISTING TYPICAL SECTION FOR STH 114

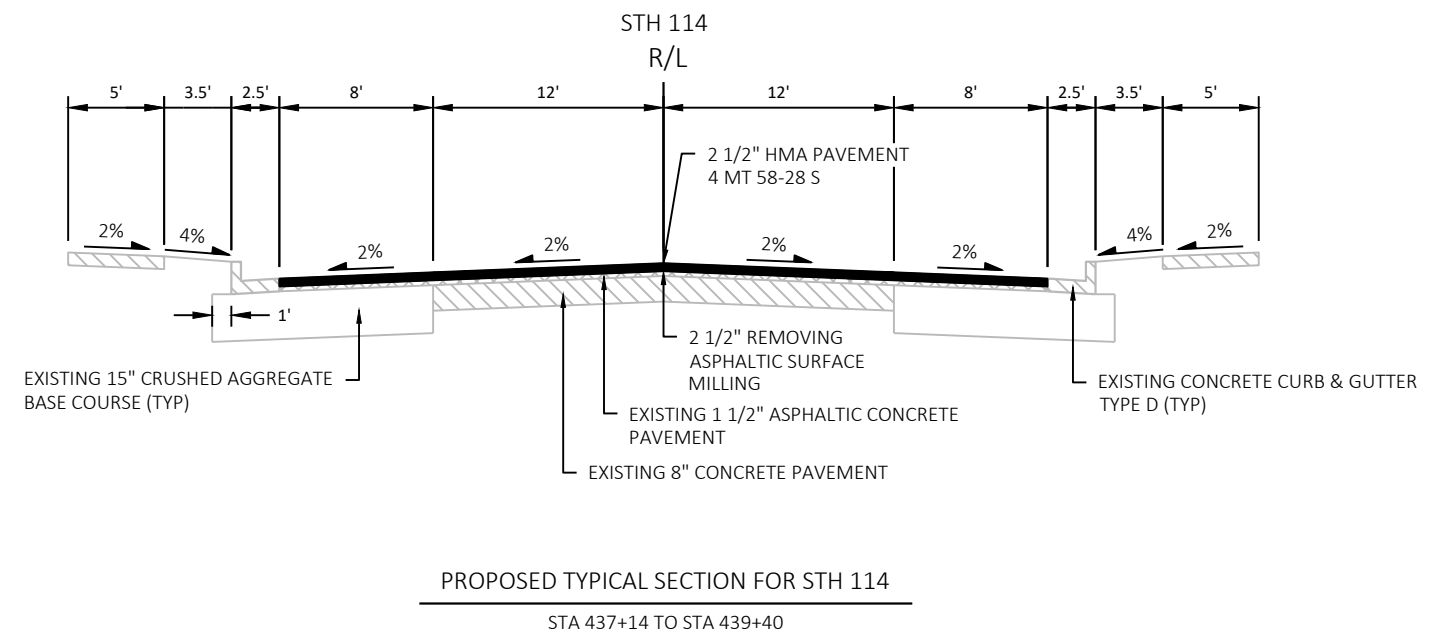
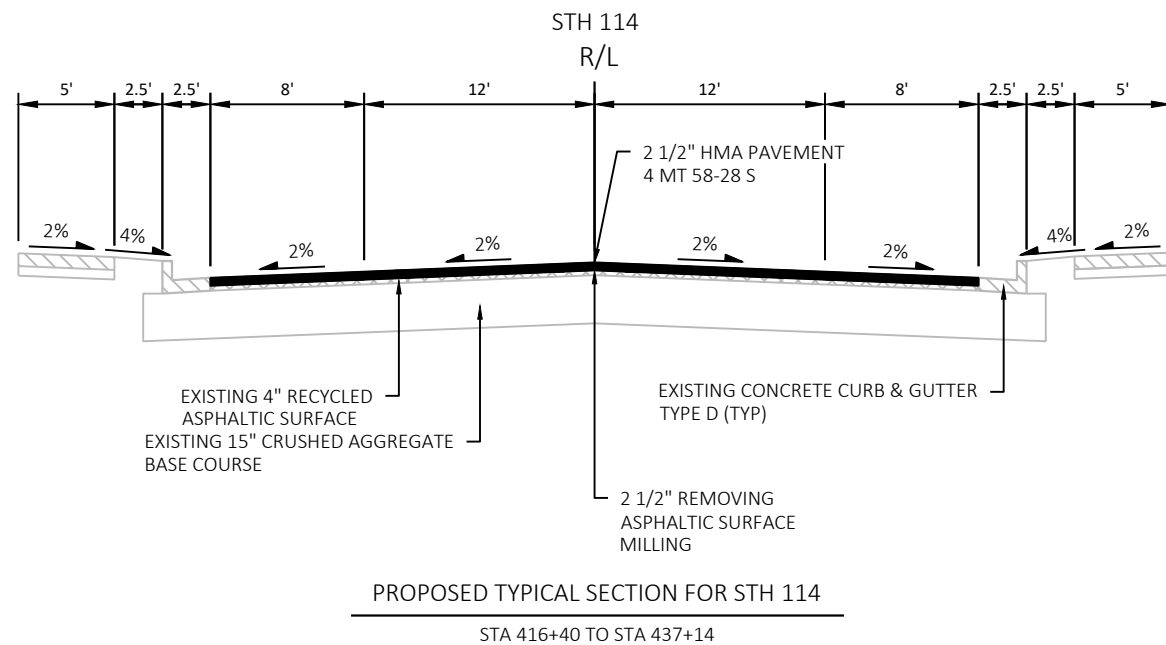
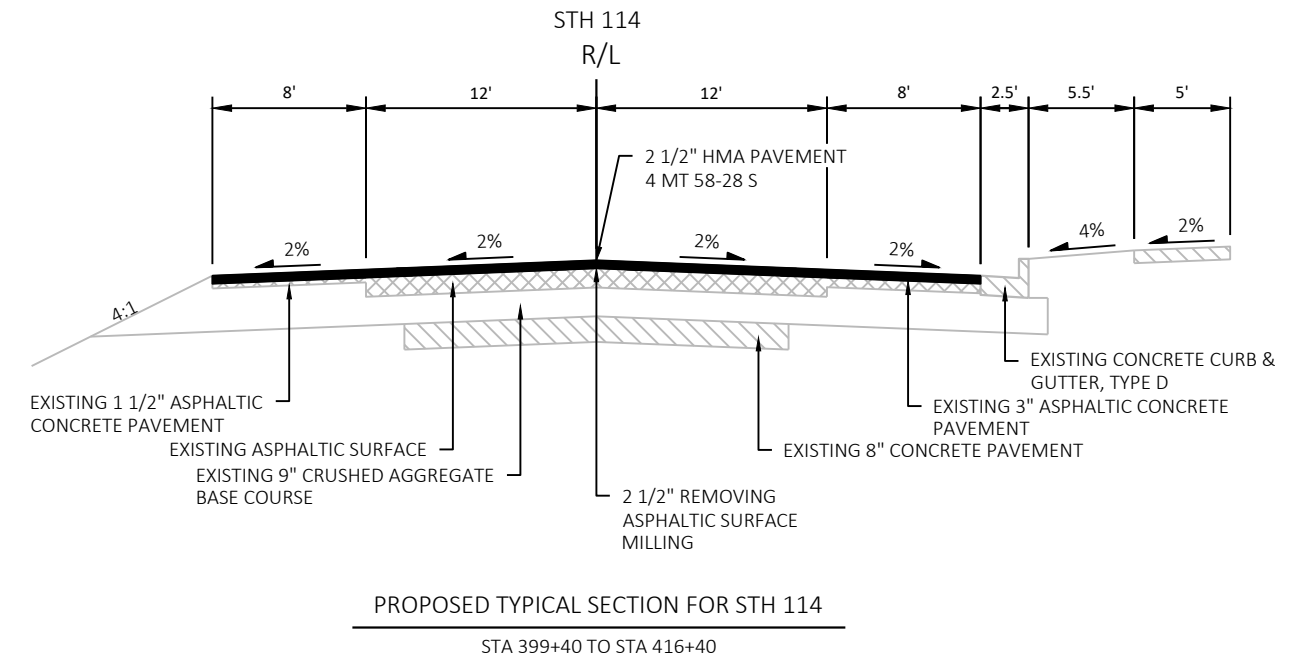
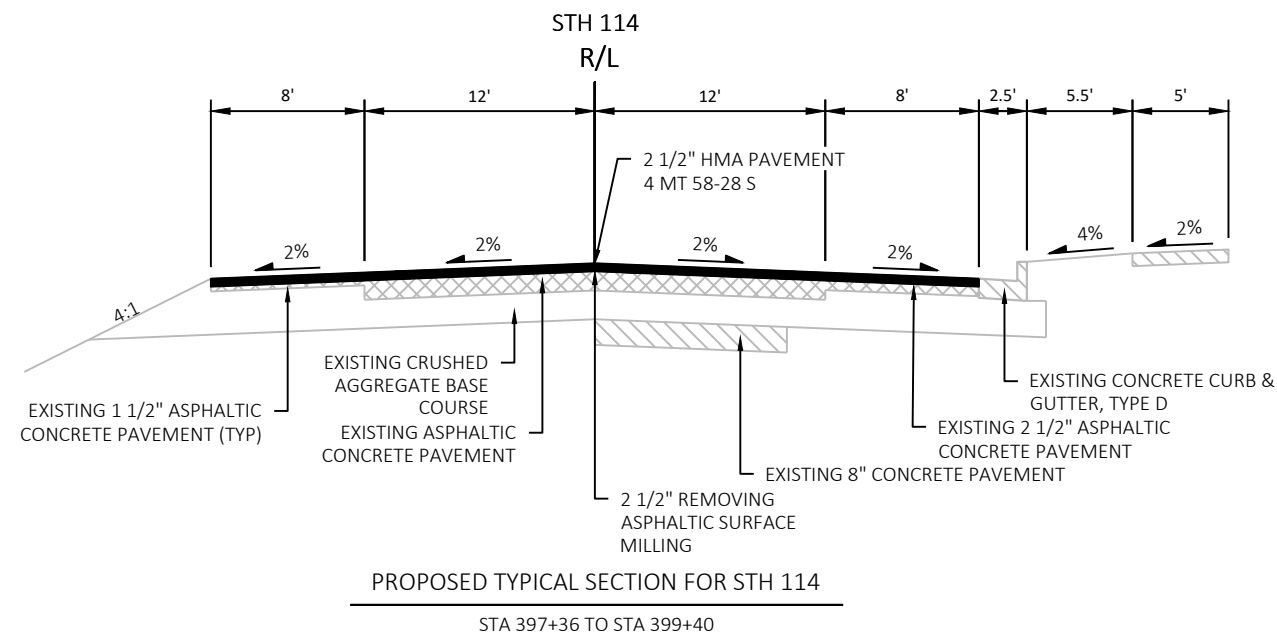
STA 448+39 TO STA 450+39

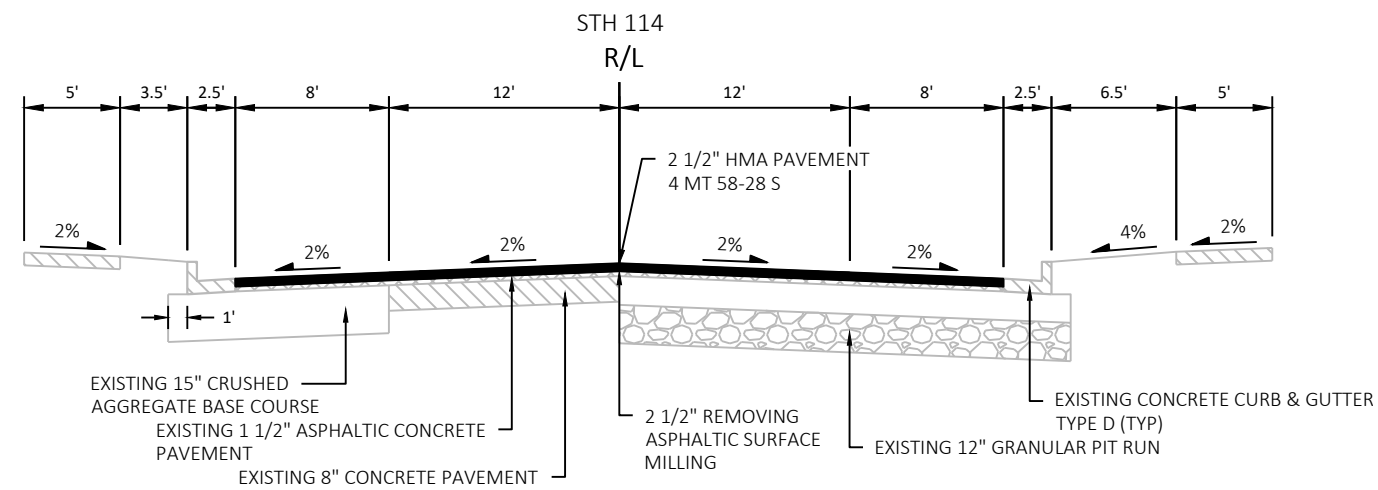


EXISTING TYPICAL SECTION FOR STH 114

STA 450+39 TO STA 454+39

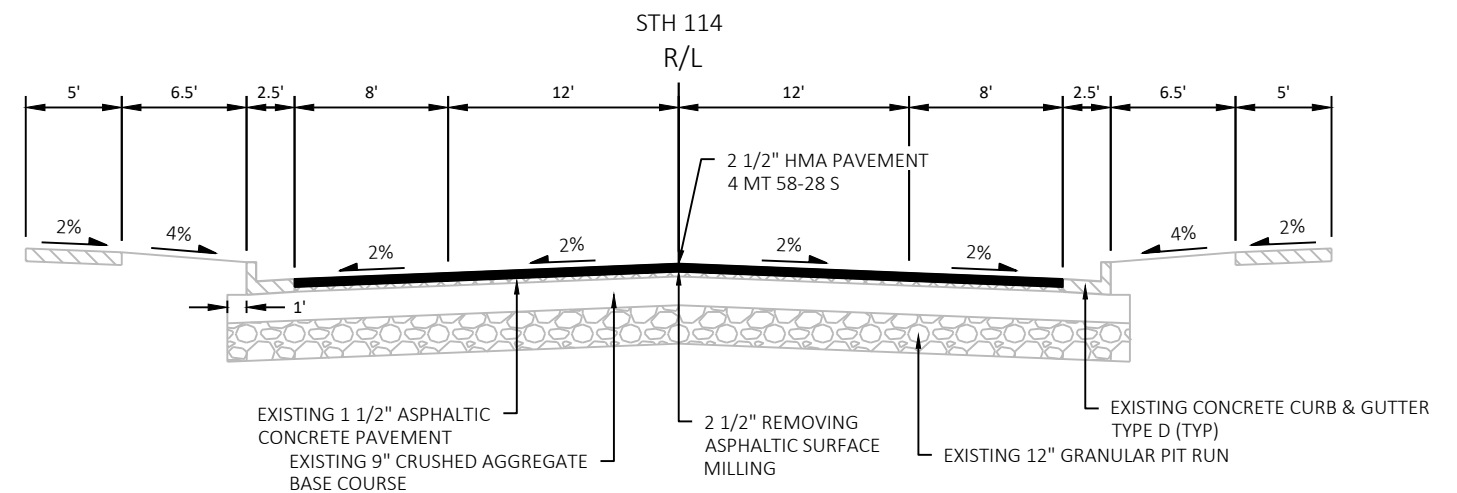






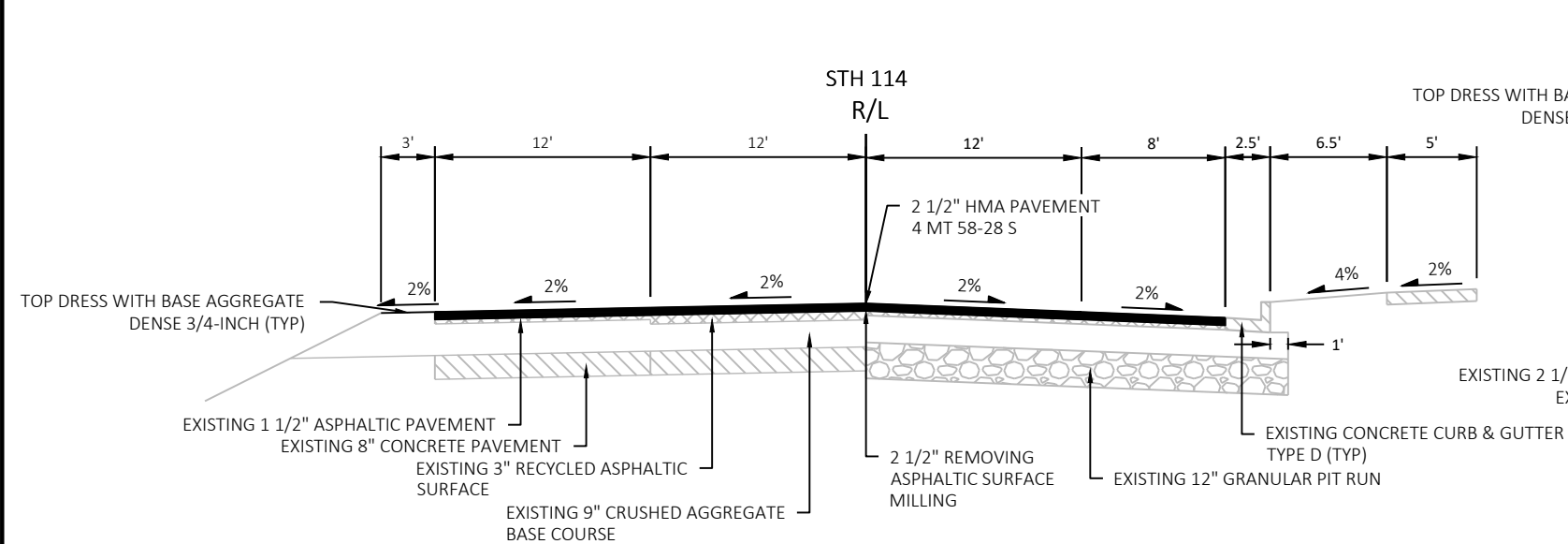
PROPOSED TYPICAL SECTION FOR STH 114

STA 439+40 TO STA 440+39



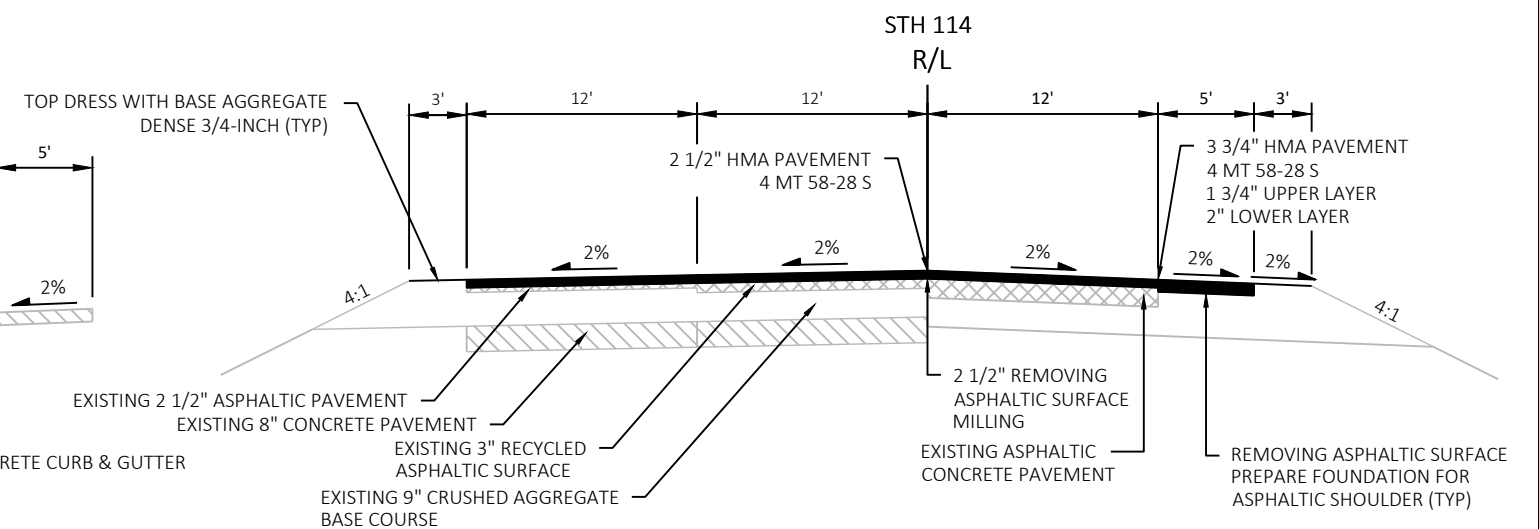
PROPOSED TYPICAL SECTION FOR STH 114

STA 440+39 TO STA 448+39



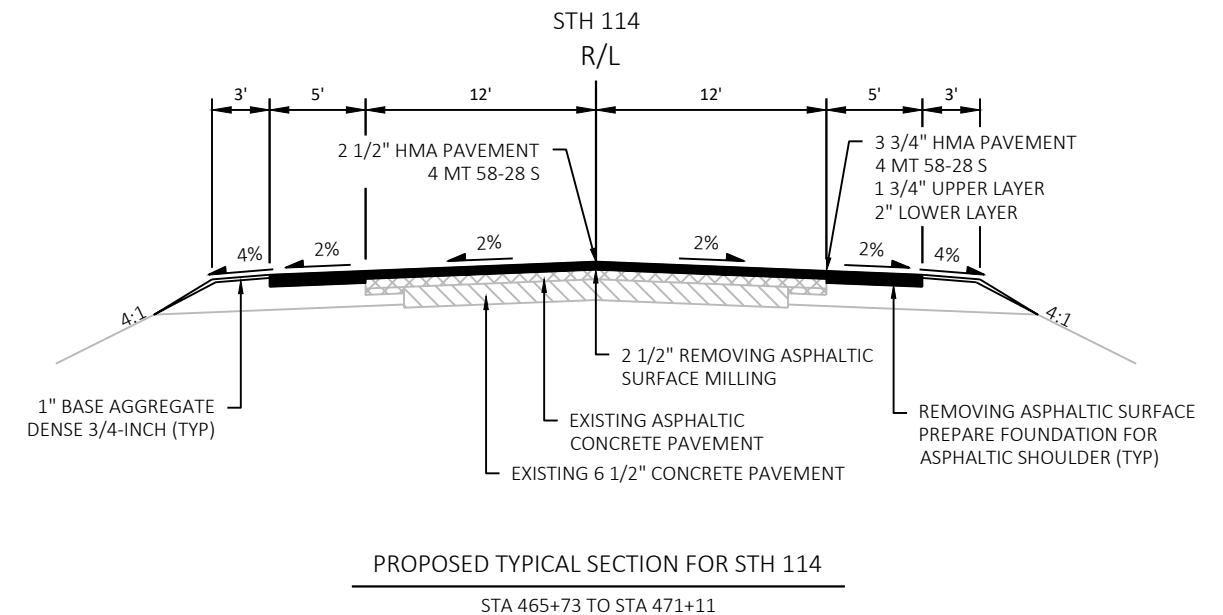
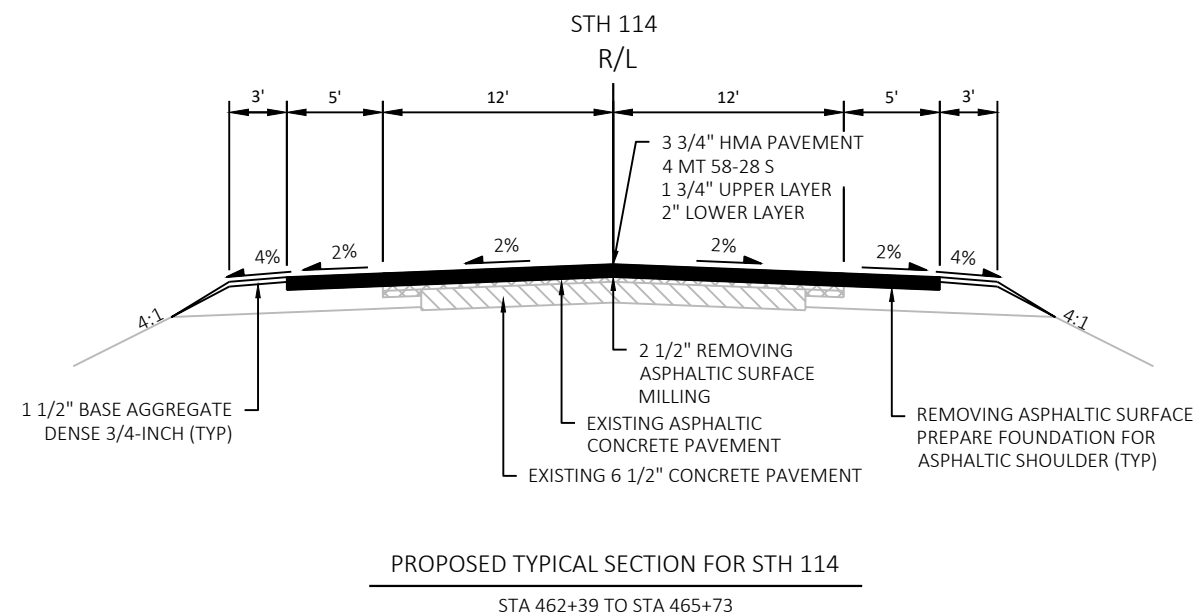
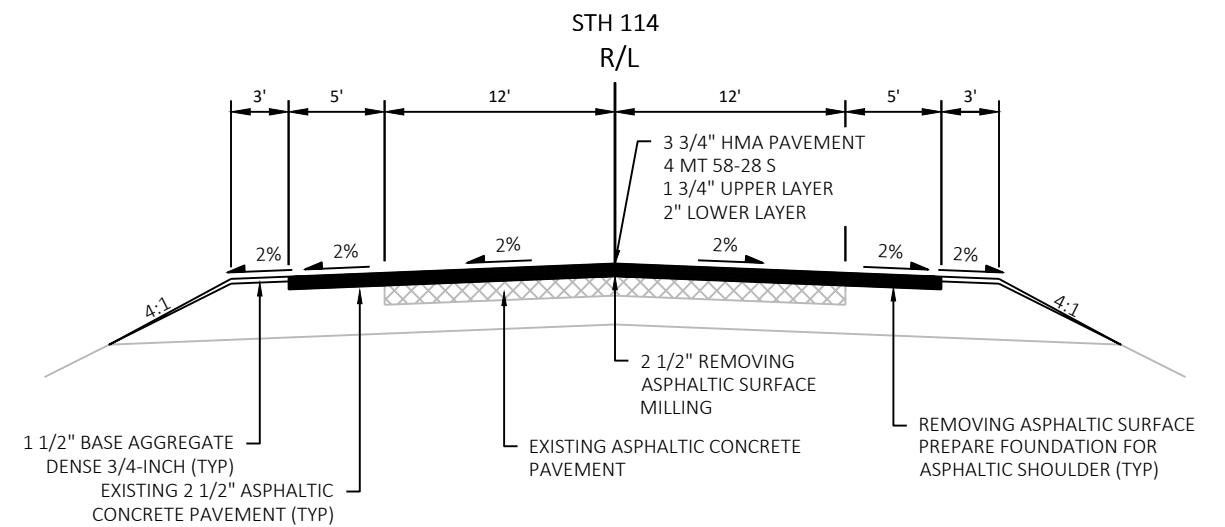
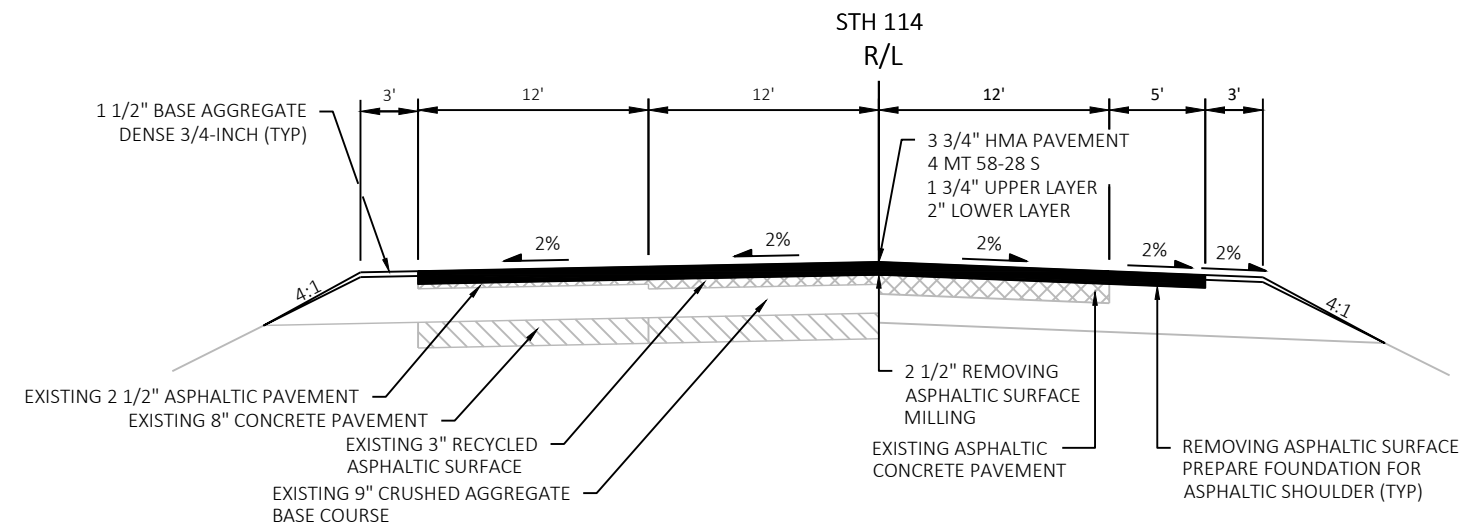
PROPOSED TYPICAL SECTION FOR STH 114

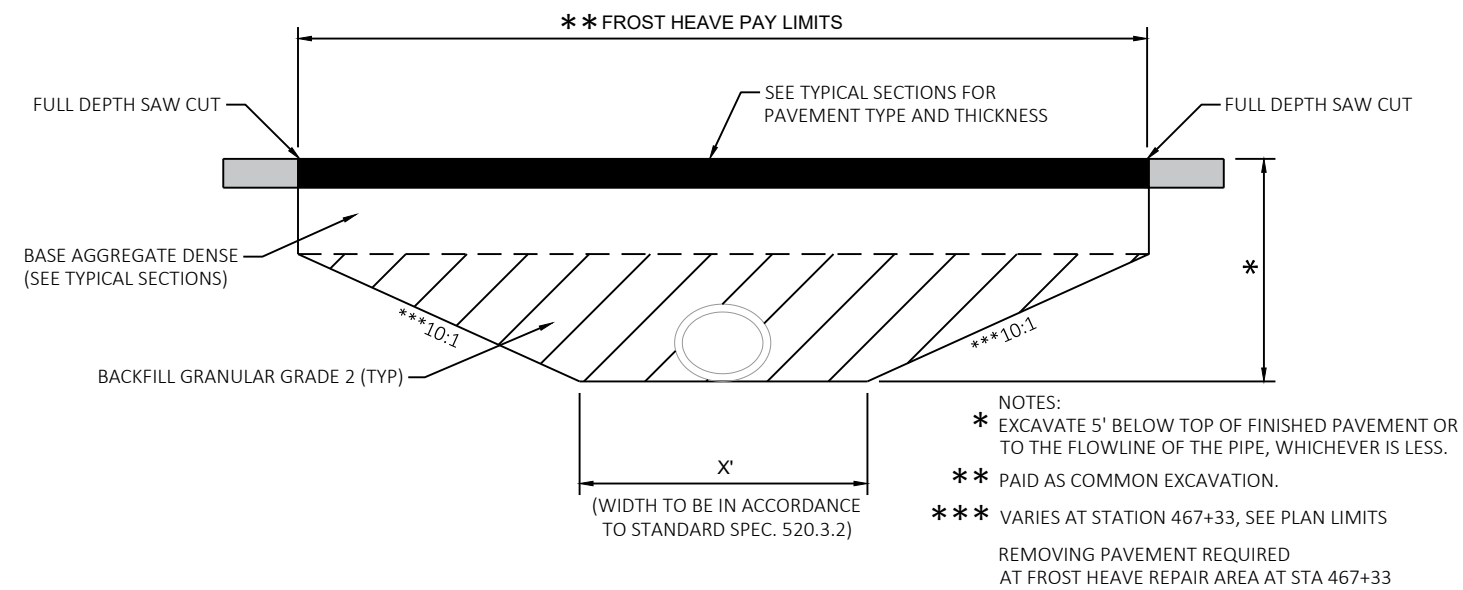
STA 448+39 TO STA 450+39



PROPOSED TYPICAL SECTION FOR STH 114

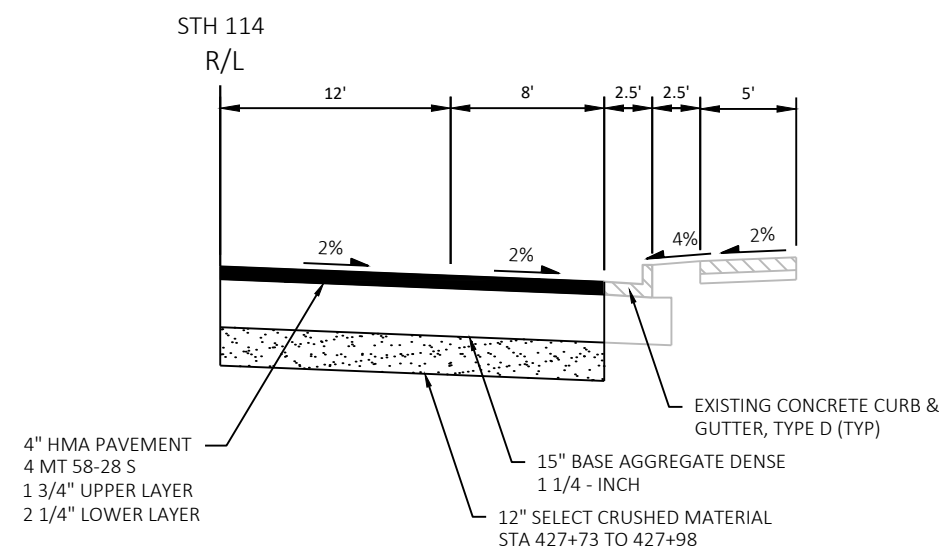
STA 450+39 TO STA 451+28





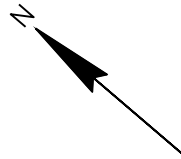
LONGITUDINAL DETAIL FOR CULVERT PIPE FROST HEAVE REPAIR AREA

STA 458+99, 467+33



BASE PATCHING DETAIL

STA 427+60 TO STA 428+10



CASTLE DRIVE INTERSECTION SE CURB RAMP

CASTLE DR

CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B

$$\begin{array}{r} 79+39.5 \\ \hline 16.25'R \\ \hline 810.54 \end{array}$$
$$\begin{array}{r} 396+67.20 \\ \hline 61.78'RT \\ 810.71 \end{array}$$
$$\begin{array}{r} 397+10.82 \\ \hline 67.52'RT \\ X=864052.470 \\ Y=532039.121 \\ R=47.00' \text{ TO FLANGE} \end{array}$$

CONDON RD INTERSECTION
SW INTERSECTION

CONDON RD

STH 55/STH 114

411+00

410+90

410+80

410+70

410+60

NOTE: STATIONING & OFFSETS ARE
REFERENCED TO STH 55/114 REFERENCE
LINE

CURB & GUTTER REPAIR/REPLACEMENT AT INLET

BEGIN CURB CUT

TYPE 4B1

END CURB & GUTTER REMOVAL

BEGIN CURB CUT

SLOPE INTERCEPT

EXISTING R/W

PROJECT NO: 4670-10-71

HWY: STH 55

COUNTY: CALUMET

PLAN DETAILS

SHEET

E

FILE NAME : N:\PDS\C3D\46701000\SHEETPLAN\021201-PD.DWG
LAYOUT NAME - 021202-pd

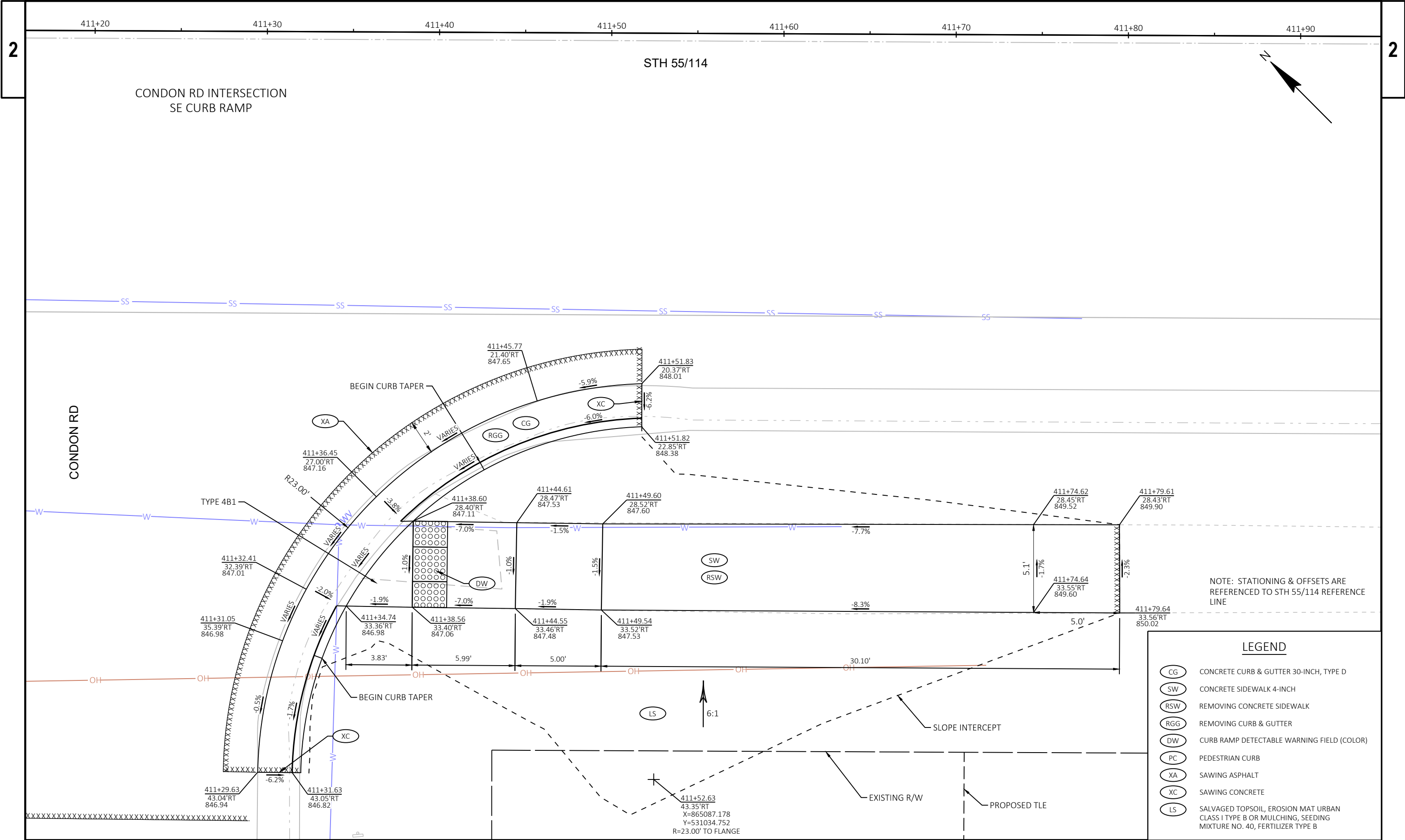
PLOT DATE : 9/24/2020 3:27 PM

PLOT BY : CAMPSHURE, MICHAEL R

PLOT NAME :

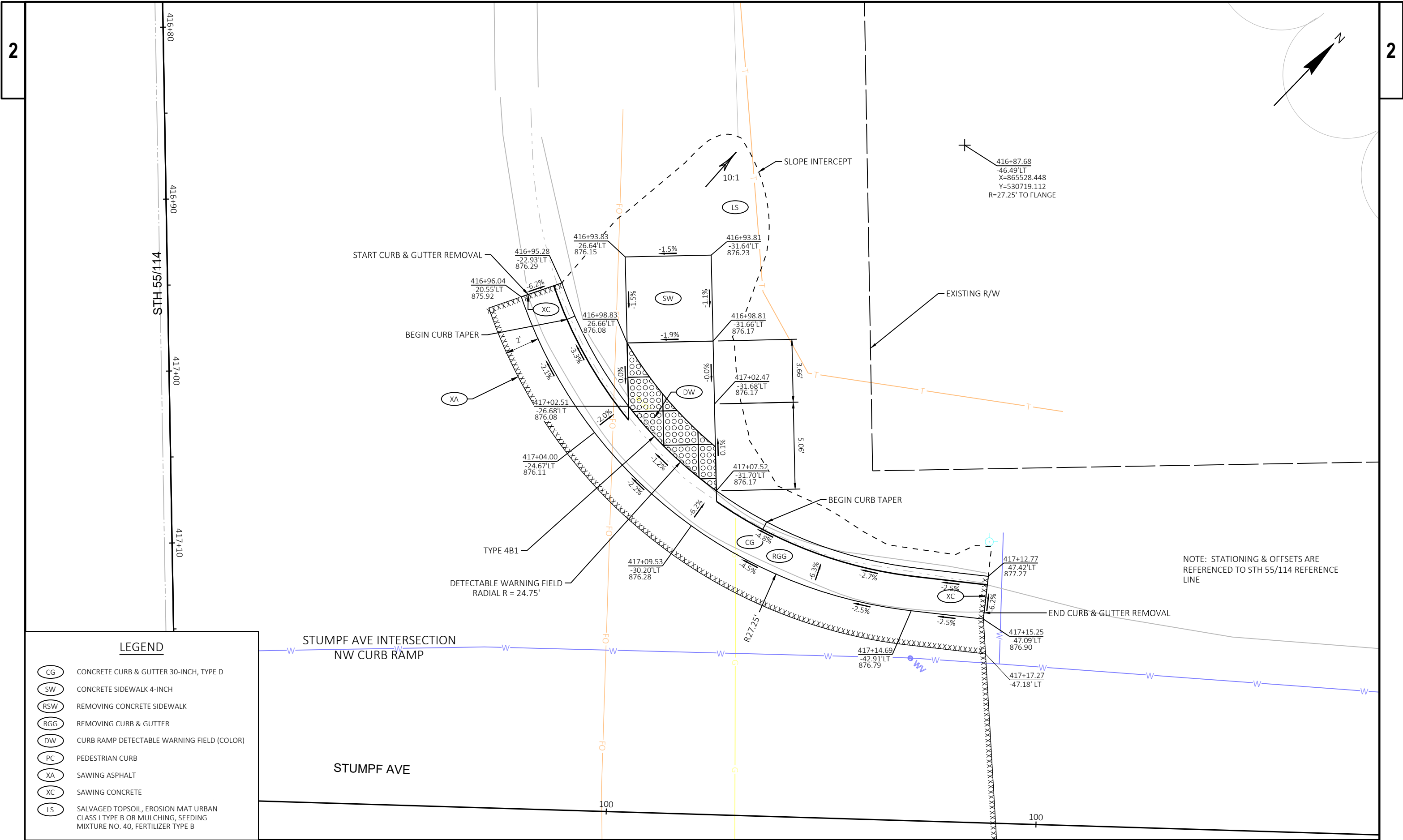
PLOT SCALE : 1 IN:5 FT

WISDOT/CADDs SHEET 42



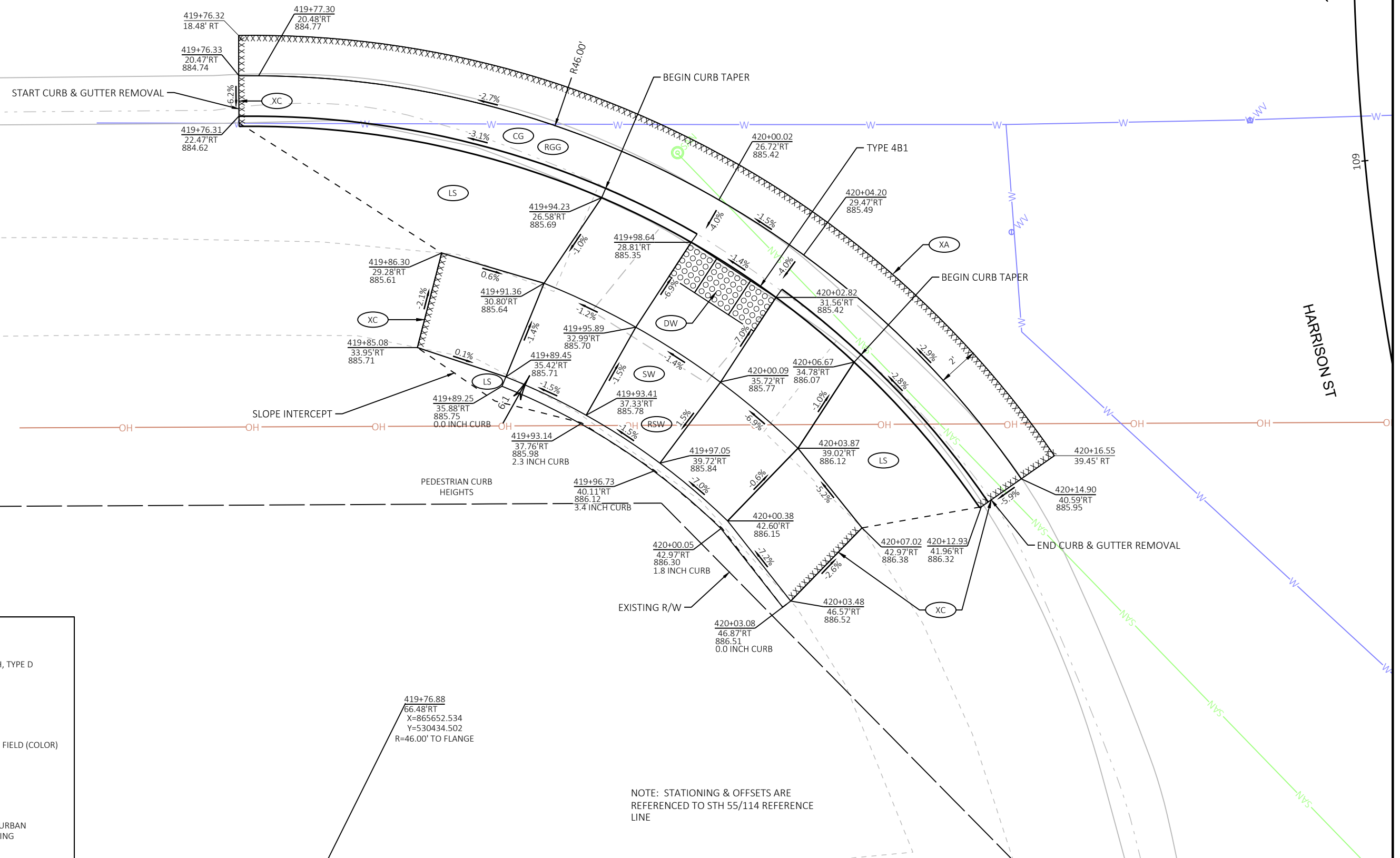
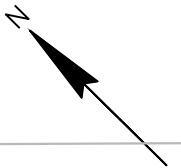
NOTE: STATIONING & OFFSETS ARE REFERENCED TO STH 55/114 REFERENCE LINE

LEGEND	
CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B



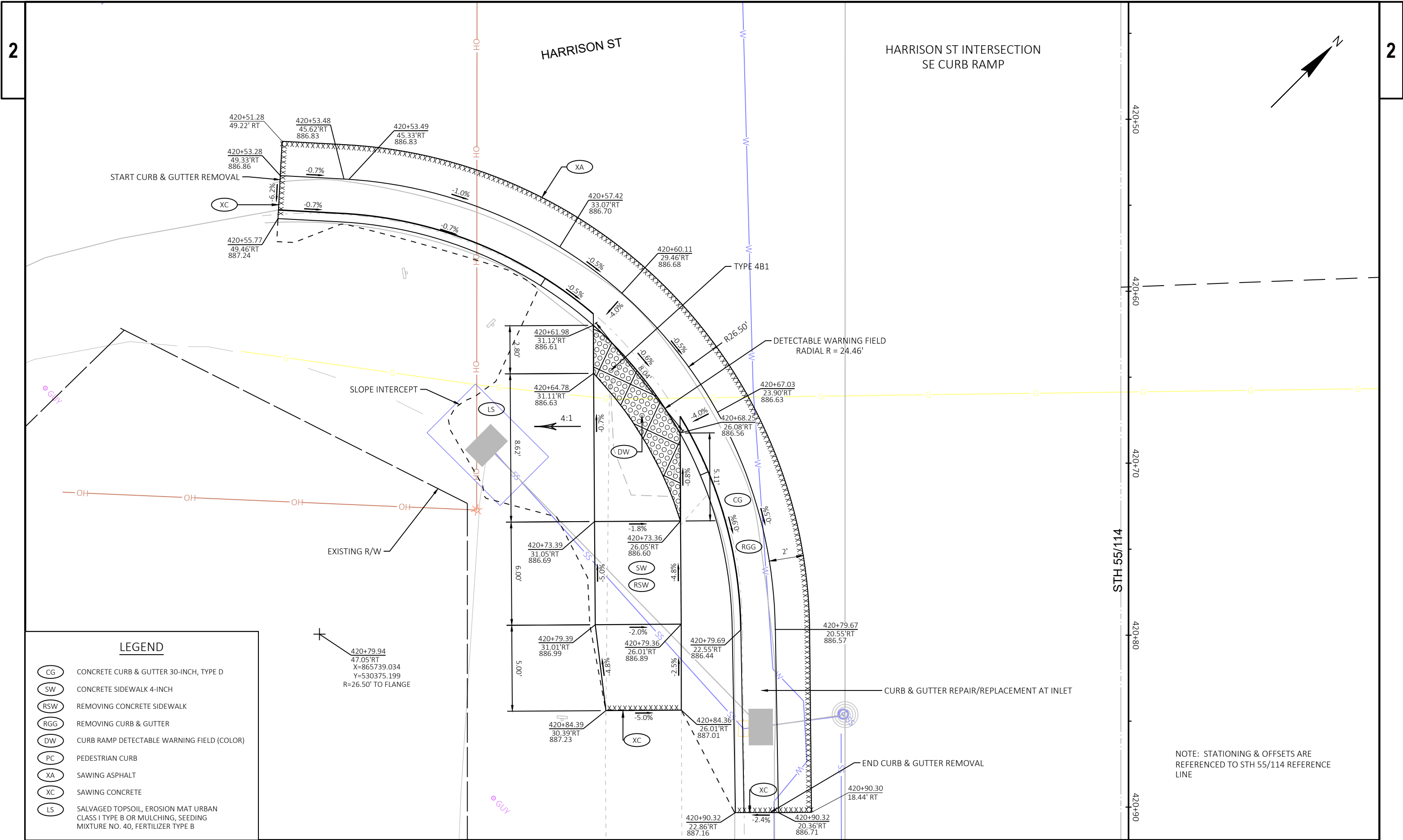


HARRISON ST INTERSECTION
SW CURB RAMP



CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B

NOTE: STATIONING & OFFSETS ARE
REFERENCED TO STH 55/114 REFERENCE
LINE



LEGEND

CG

CONCRETE CURB & GUTTER 30-INCH, TYPE D

SW

CONCRETE SIDEWALK 4-INCH

RSW

REMOVING CONCRETE SIDEWALK

RGG

REMOVING CURB & GUTTER

DW

CURB RAMP DETECTABLE WARNING FIELD (COLOR)

PC

PEDESTRIAN CURB

XA

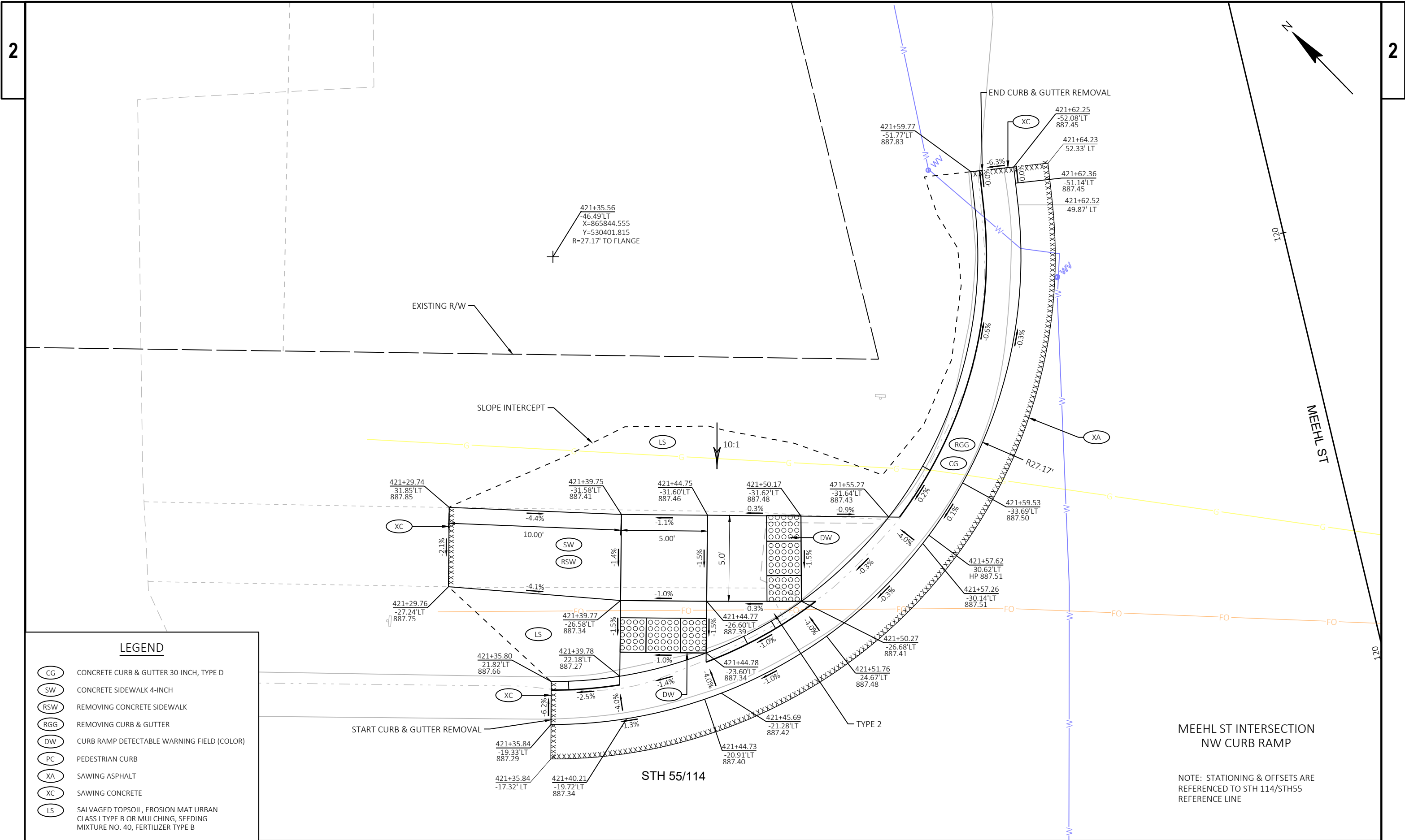
SAWING ASPHALT

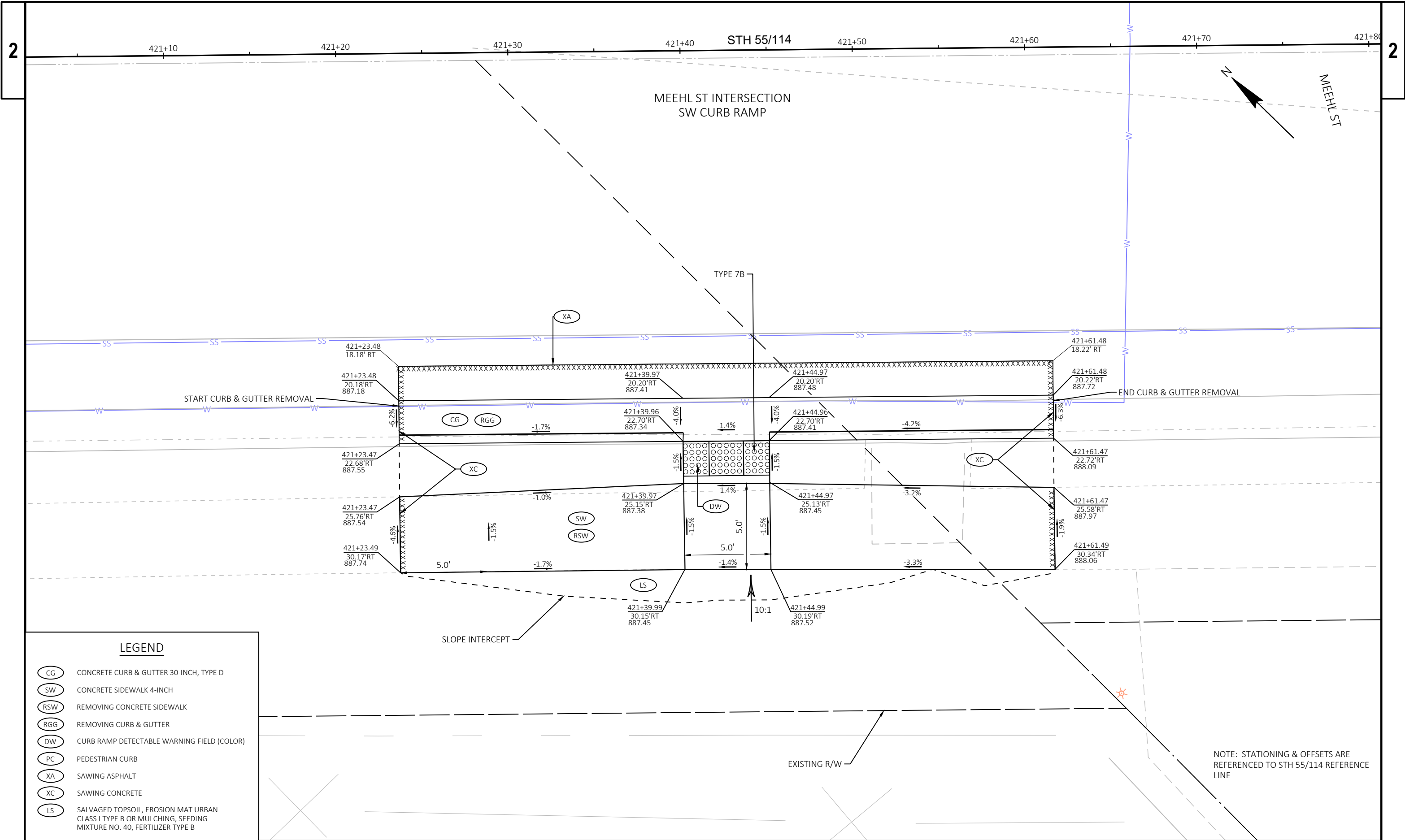
XC

SAWING CONCRETE

LS

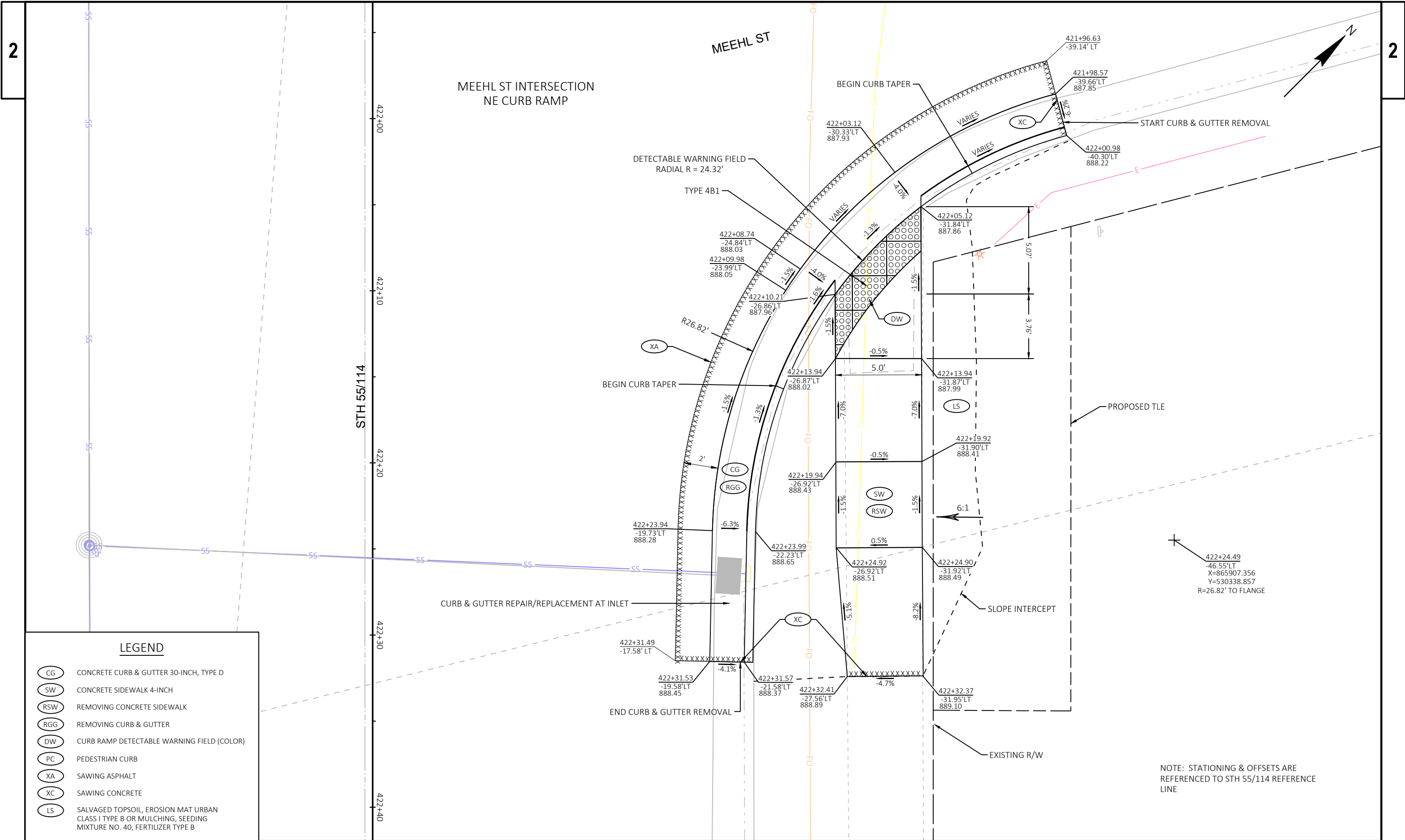
SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B



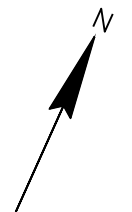


LEGEND	
CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B

PROJECT NO: 4670-10-71	HWY: STH 55	COUNTY: CALUMET	PLAN DETAILS	SHEET	E
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423+89.83
-70.41'LT
X=866045.916
Y=530221.202
R=50.79' TO FLANGE



CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS 1 TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B

CTH M INTERSECTION
NE CURB RAMP

BEGIN CURB TAPER -

TYPE 7B —

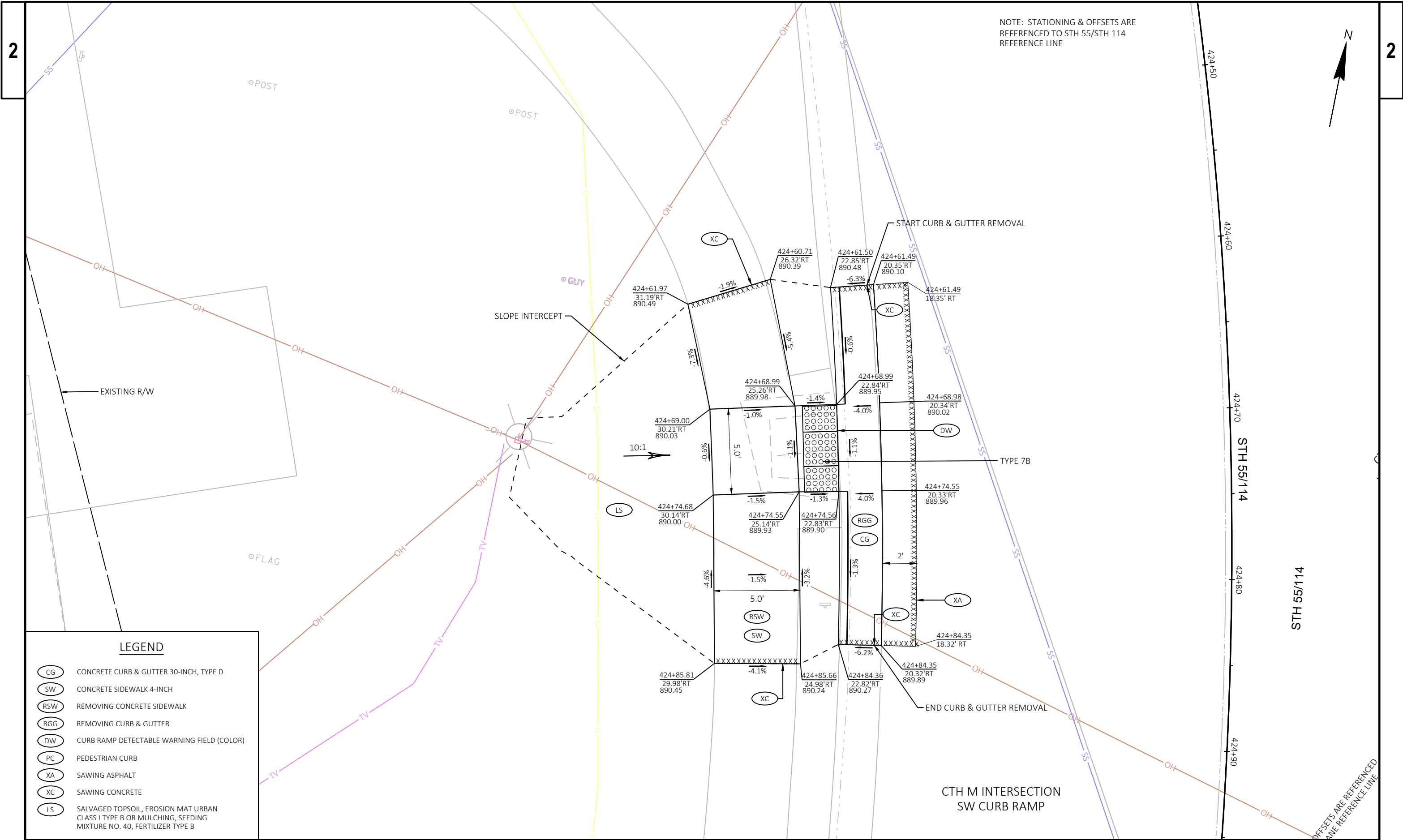
BEGIN CURB TAPER —

R50.79' -

— END CURB & GUTTER REMOVAL

1

WISDOT/CADDS SHEET 42



LEGEND

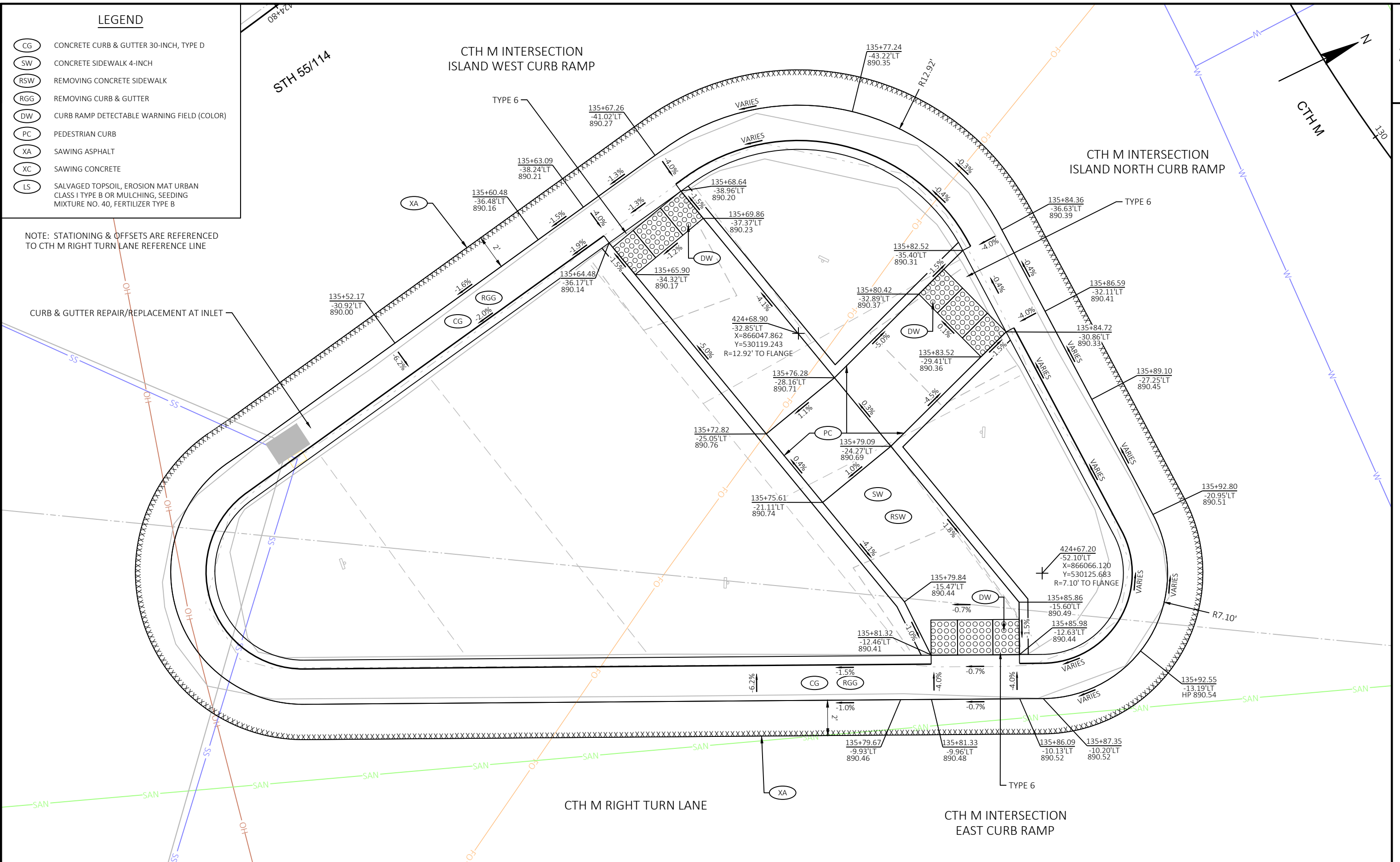
- (CG) CONCRETE CURB & GUTTER 30-INCH, TYPE D
(SW) CONCRETE SIDEWALK 4-INCH
(RSW) REMOVING CONCRETE SIDEWALK
(RGG) REMOVING CURB & GUTTER
(DW) CURB RAMP DETECTABLE WARNING FIELD (COLOR)
(PC) PEDESTRIAN CURB
(XA) SAWING ASPHALT
(XC) SAWING CONCRETE
(LS) SALVAGED TOPSOIL, EROSION MAT URBAN
CLASS I TYPE B OR MULCHING, SEEDING
MIXTURE NO. 40, FERTILIZER TYPE B

NOTE: STATIONING & OFFSETS ARE REFERENCED
TO CTH M RIGHT TURN LANE REFERENCE LINE

CURB & GUTTER REPAIR/REPLACEMENT AT INLET

CTH M INTERSECTION
ISLAND WEST CURB RAMPCTH M INTERSECTION
ISLAND NORTH CURB RAMP

CTH M RIGHT TURN LANE

CTH M INTERSECTION
EAST CURB RAMP

PROJECT NO: 4670-10-71

HWY: STH 55

COUNTY: CALUMET

PLAN DETAILS

SHEET

E

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LAYOUT NAME - 021214-pd

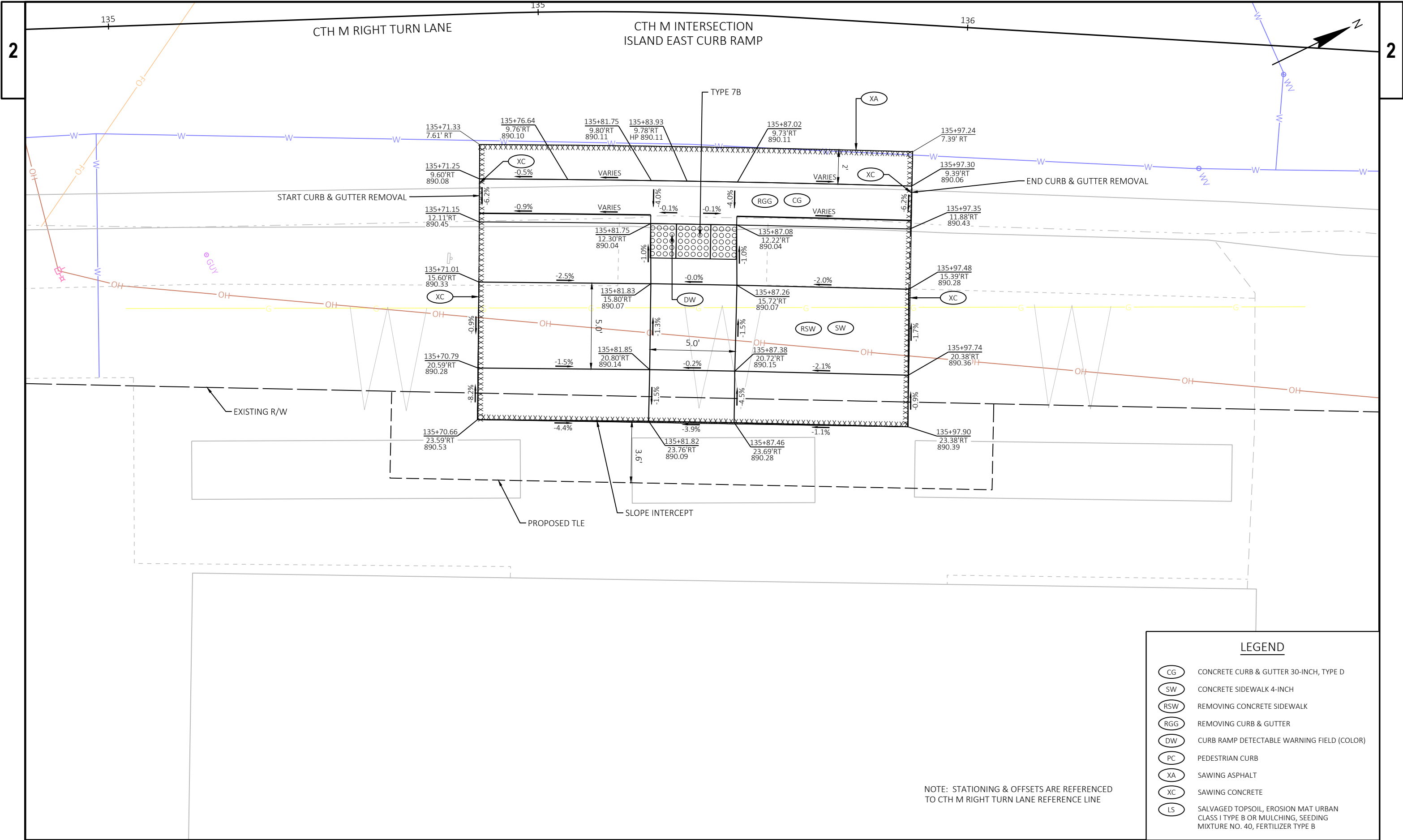
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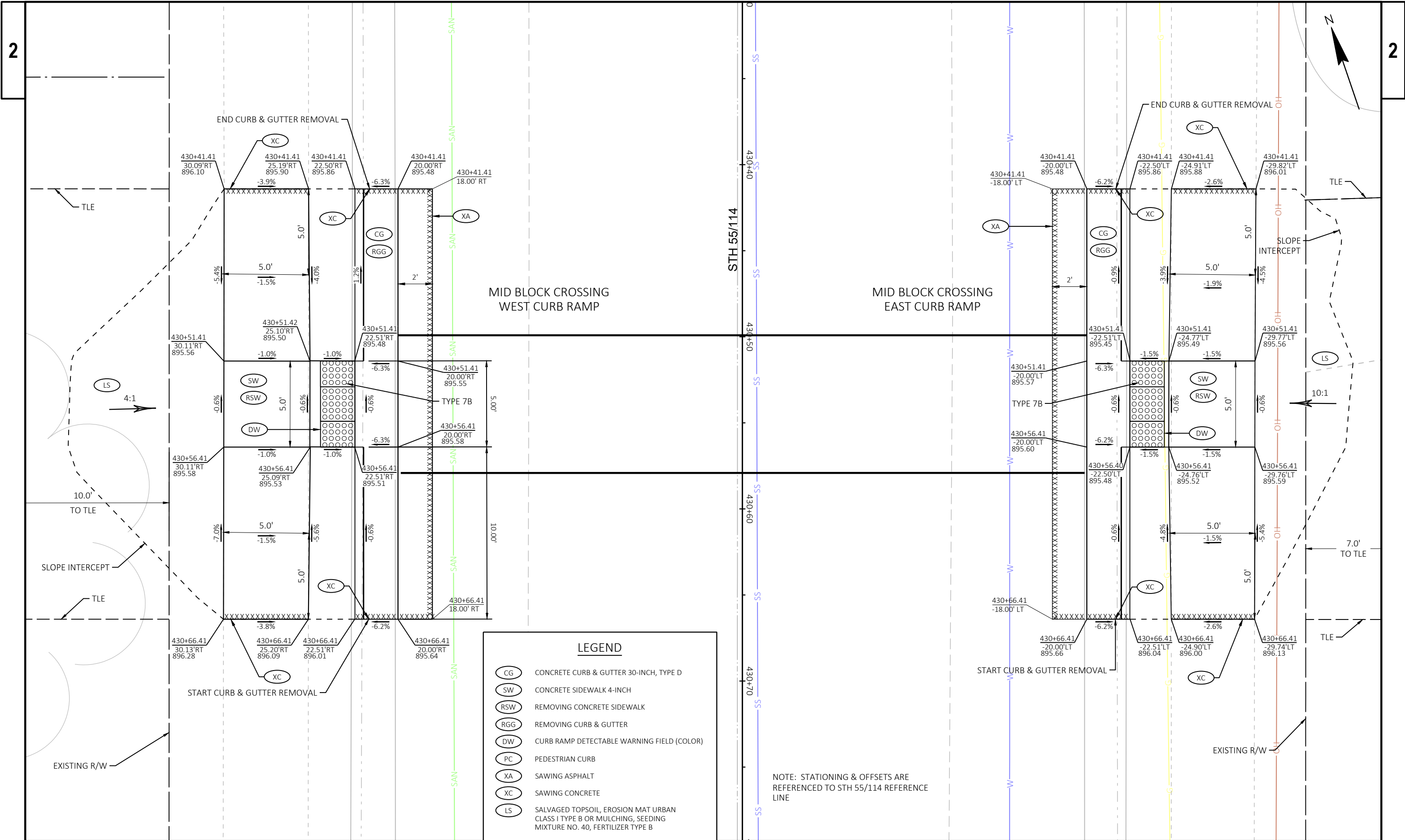
PLOT BY : CAMPSHURE, MICHAEL R

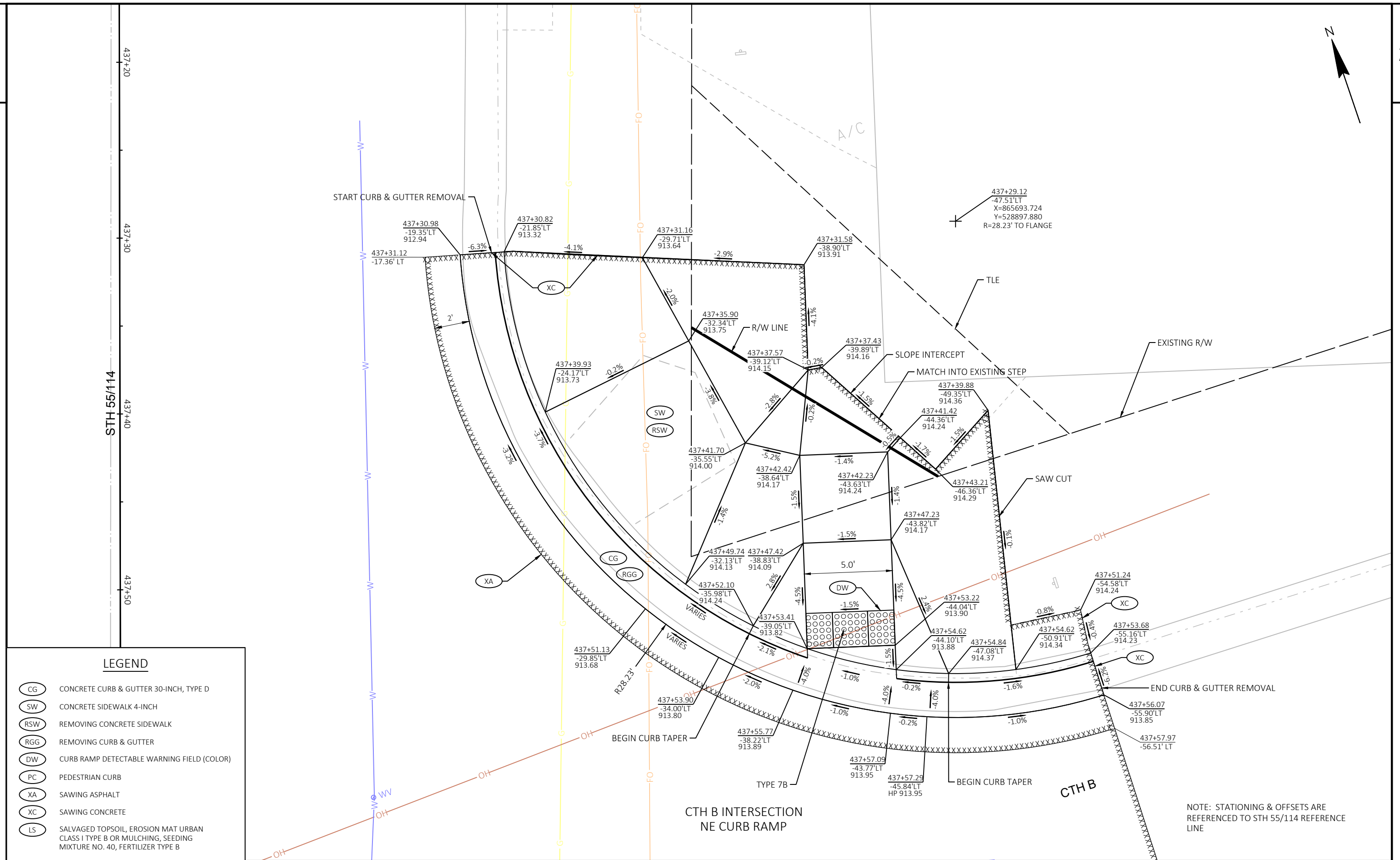
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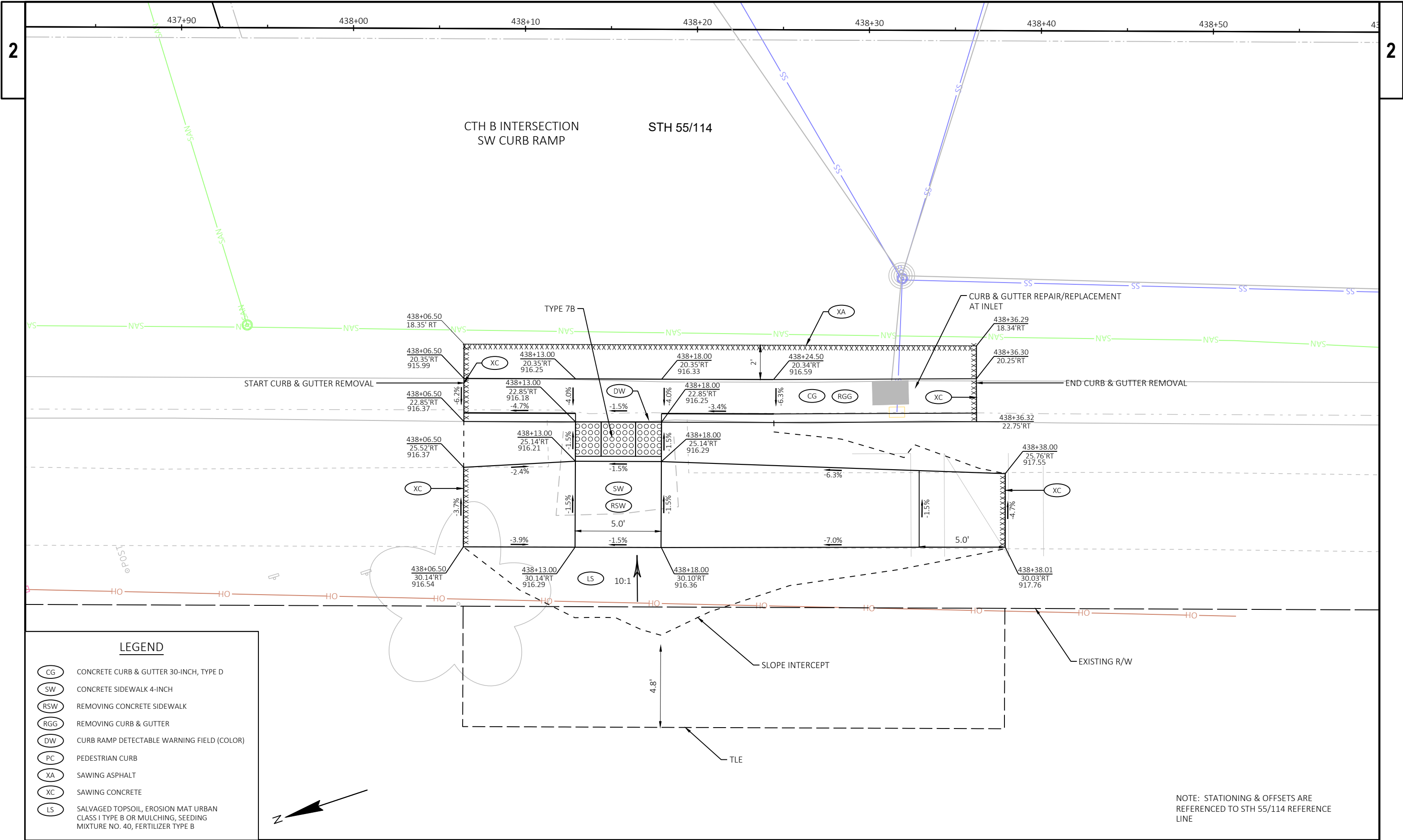
PLOT SCALE : 1 IN:5 FT

WISDOT/CADDs SHEET 42









LEGEND

CG

CONCRETE CURB & GUTTER 30-INCH, TYPE D

SW

CONCRETE SIDEWALK 4-INCH

RSW

REMOVING CONCRETE SIDEWALK

RGG

REMOVING CURB & GUTTER

DW

CURB RAMP DETECTABLE WARNING FIELD (COLOR)

PC

PEDESTRIAN CURB

XA

SAWING ASPHALT

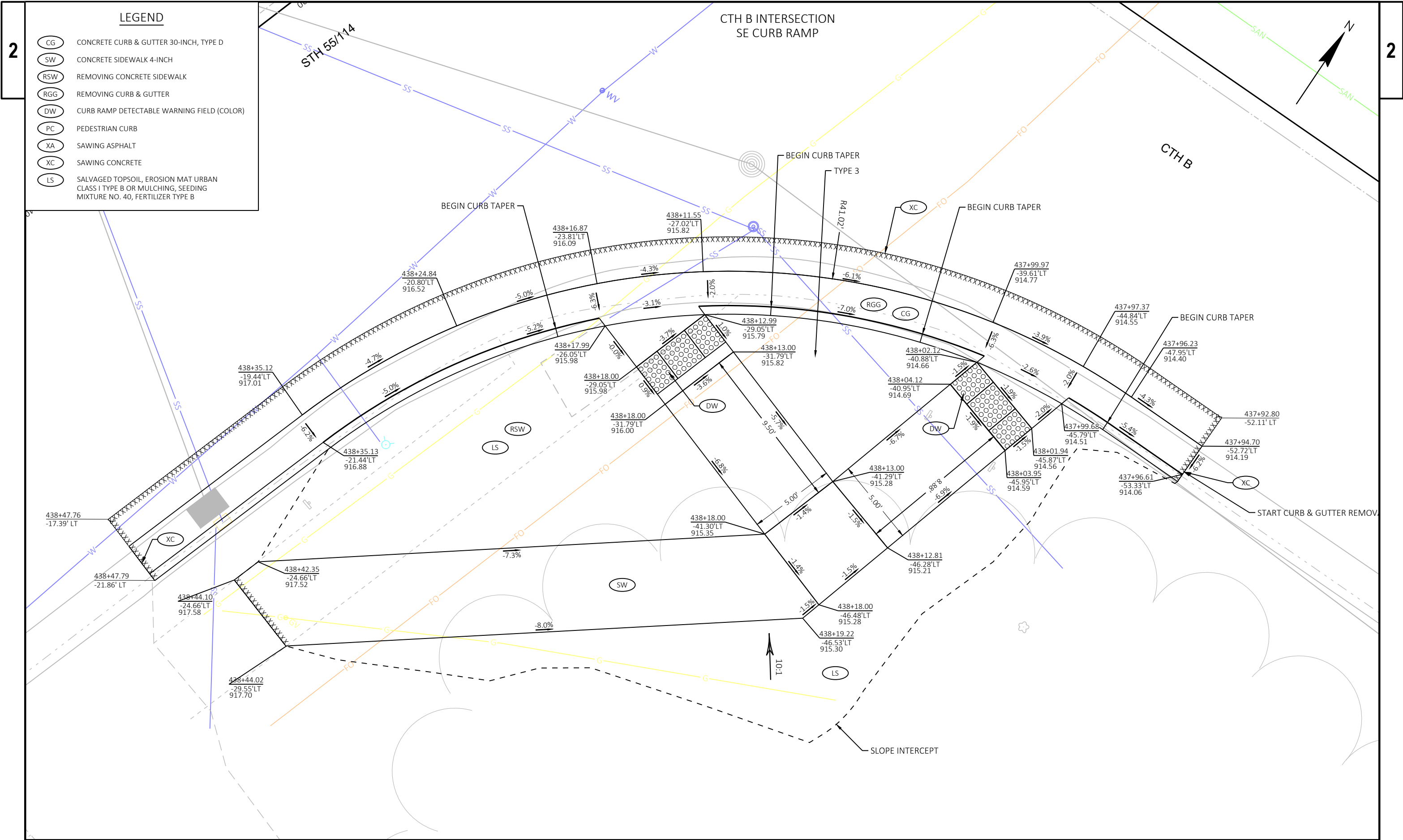
XC

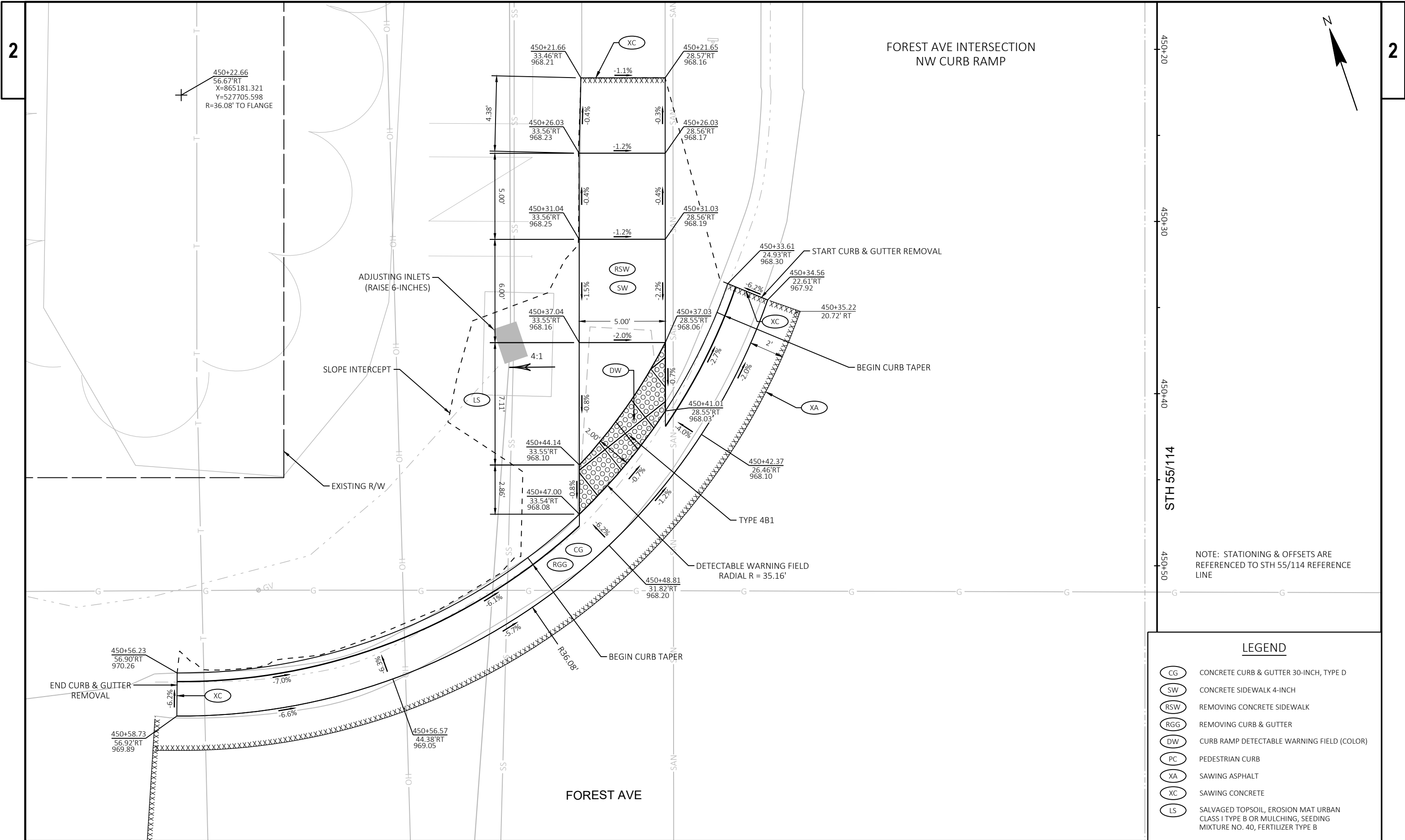
SAWING CONCRETE

LS

SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B

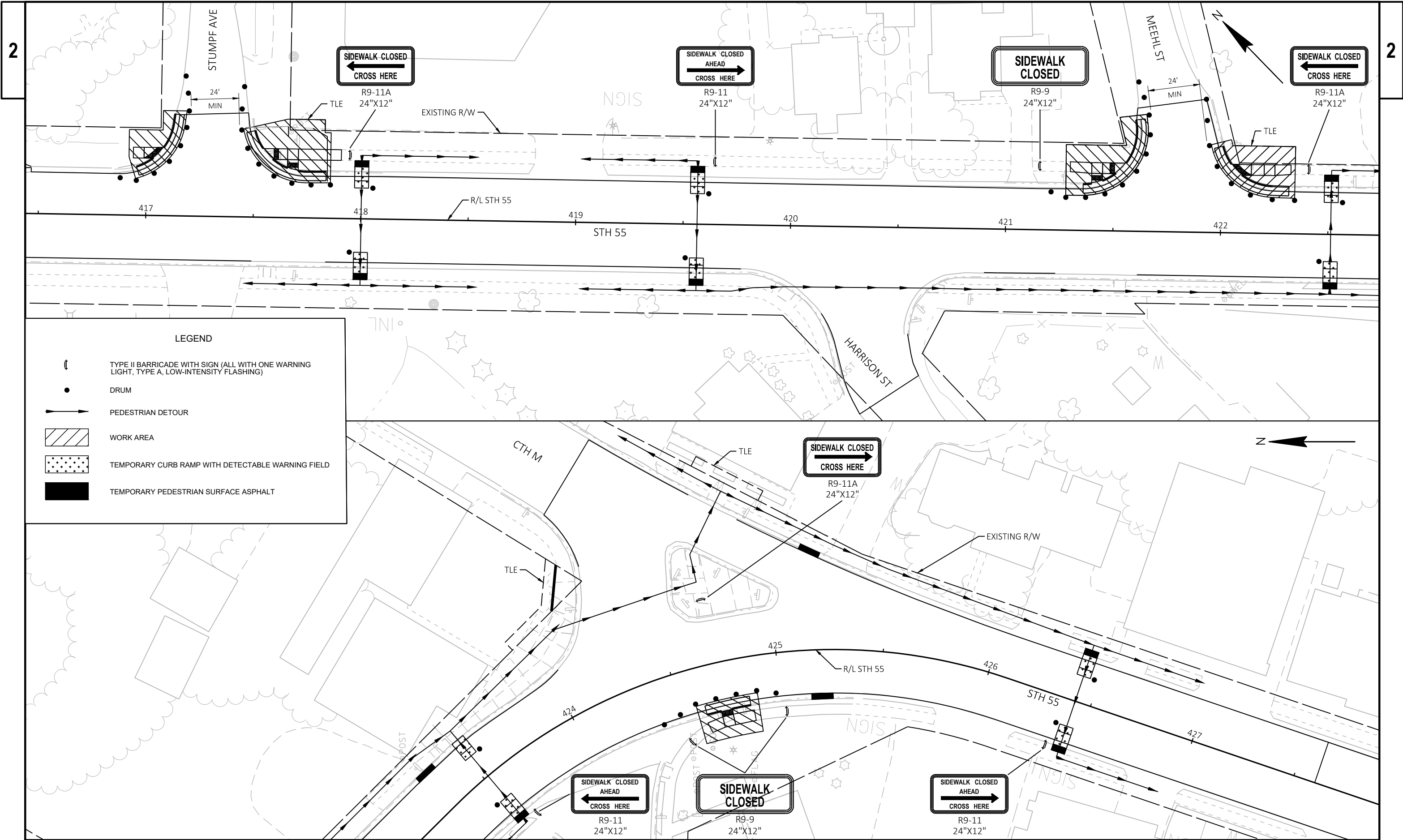
NOTE: STATIONING & OFFSETS ARE REFERENCED TO STH 55/114 REFERENCE LINE

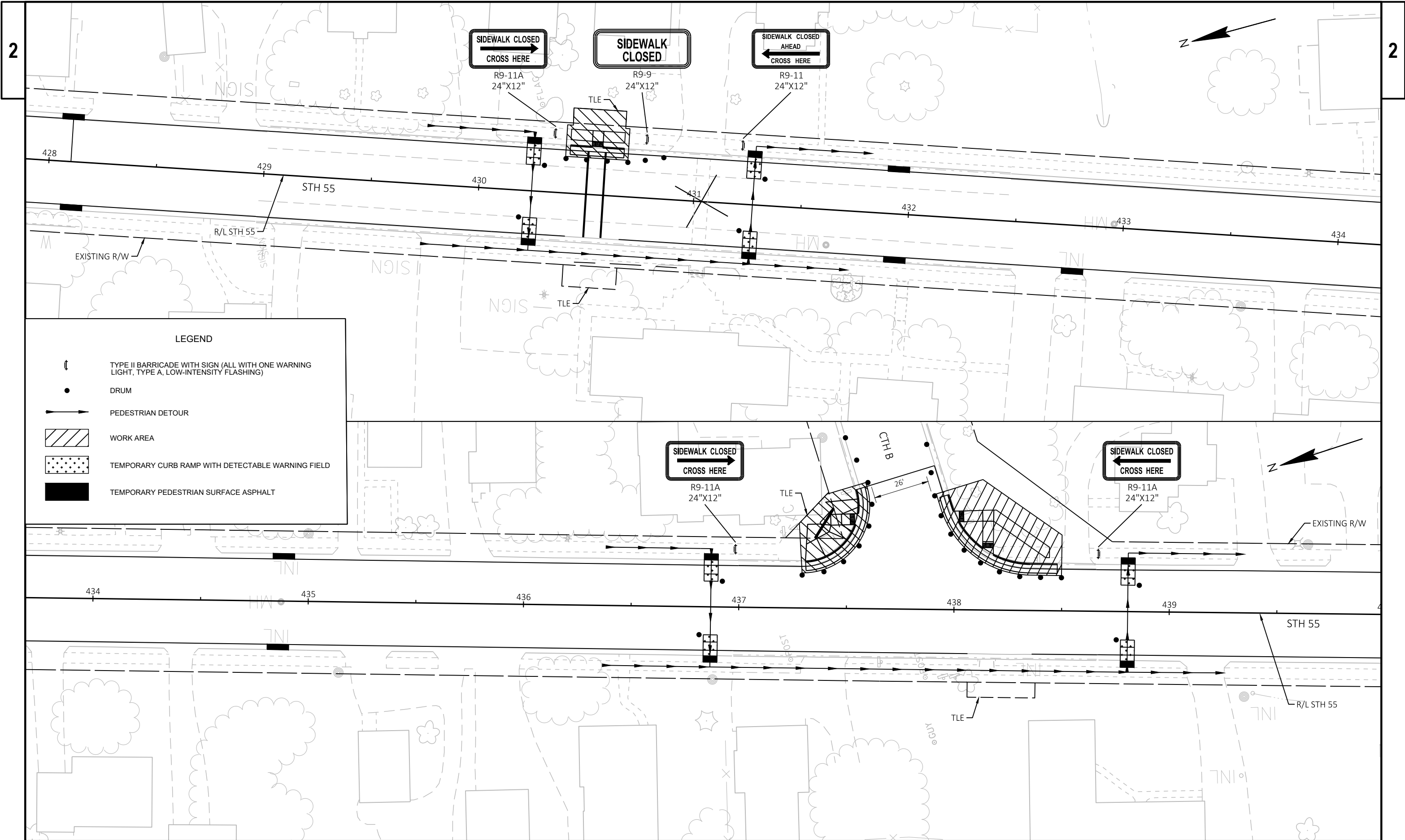


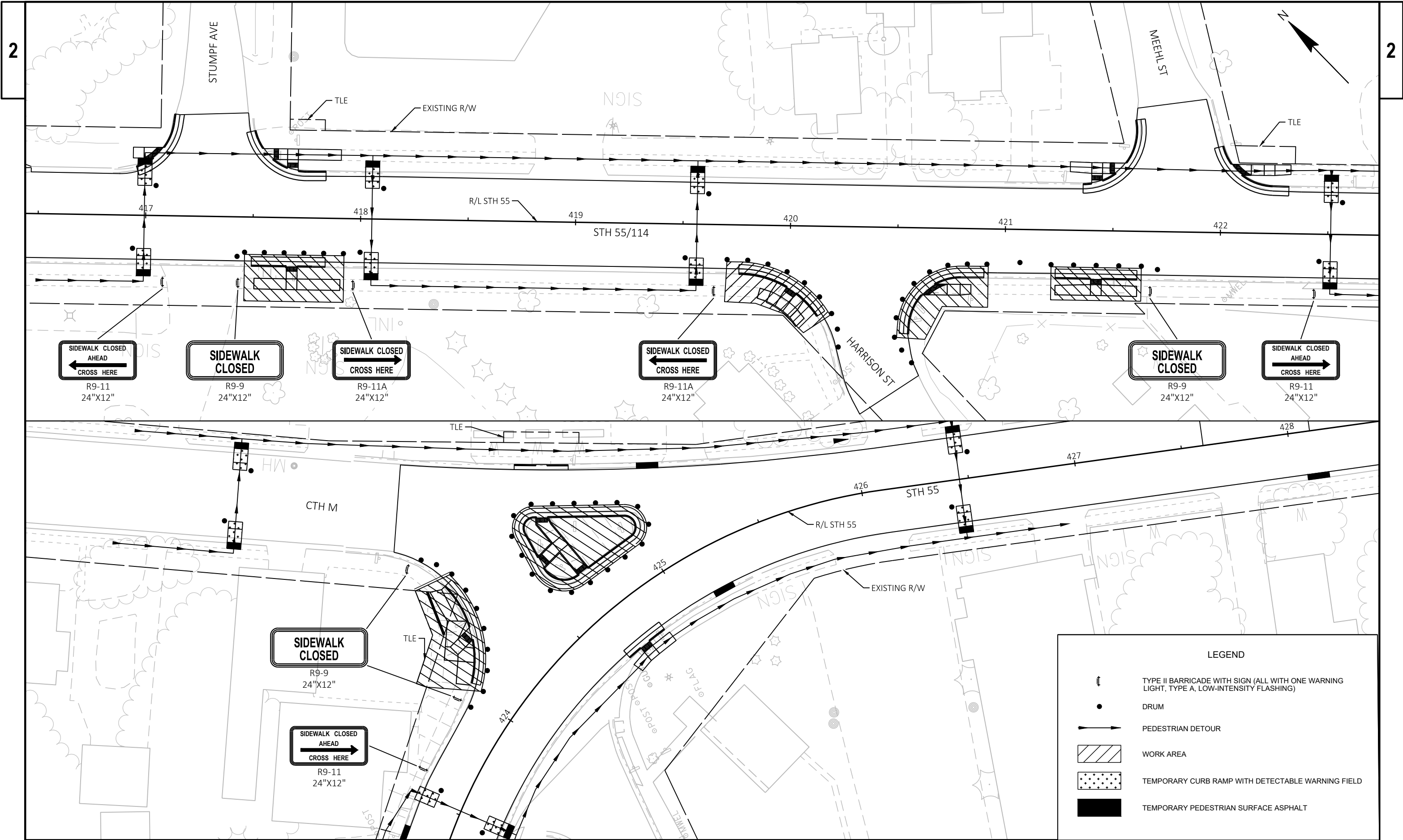


LEGEND

CG	CONCRETE CURB & GUTTER 30-INCH, TYPE D
SW	CONCRETE SIDEWALK 4-INCH
RSW	REMOVING CONCRETE SIDEWALK
RGG	REMOVING CURB & GUTTER
DW	CURB RAMP DETECTABLE WARNING FIELD (COLOR)
PC	PEDESTRIAN CURB
XA	SAWING ASPHALT
XC	SAWING CONCRETE
LS	SALVAGED TOPSOIL, EROSION MAT URBAN CLASS I TYPE B OR MULCHING, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B







LEGEND

TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)

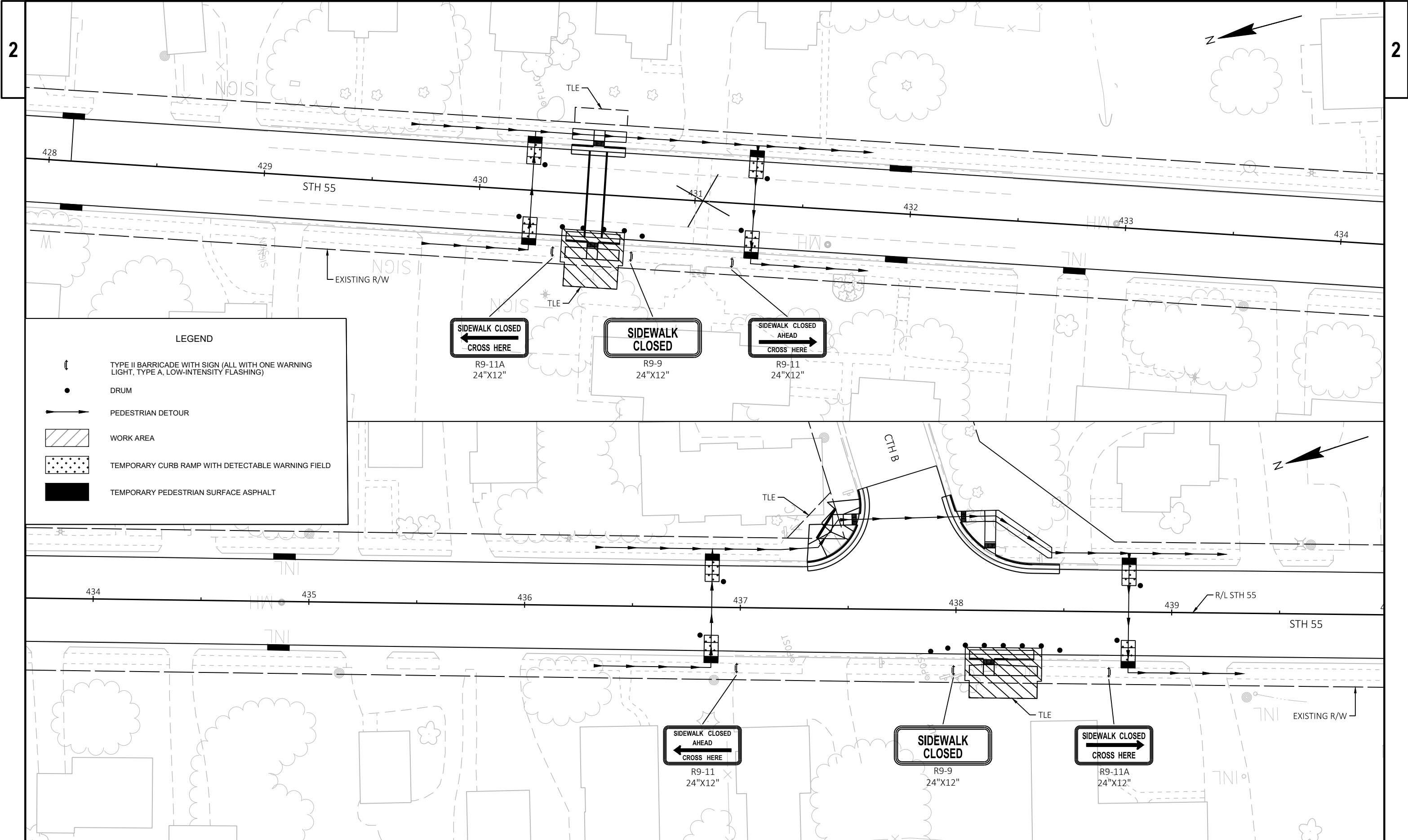
DRUM

PEDESTRIAN DETOUR

WORK AREA

TEMPORARY CURB RAMP WITH DETECTABLE WARNING FIELD

TEMPORARY PEDESTRIAN SURFACE ASPHALT



LEGEND

TYPE II BARRICADE WITH SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)

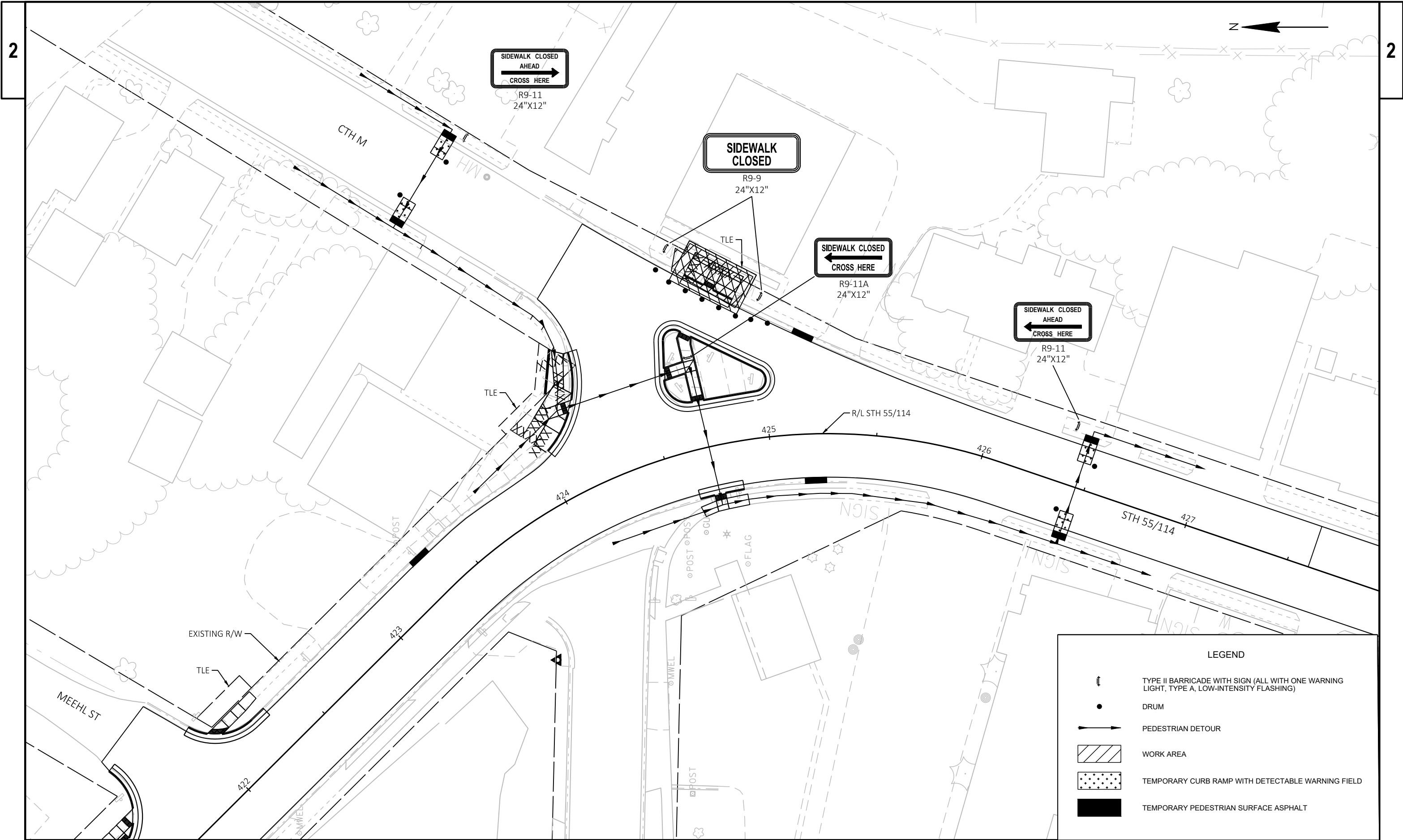
DRUM

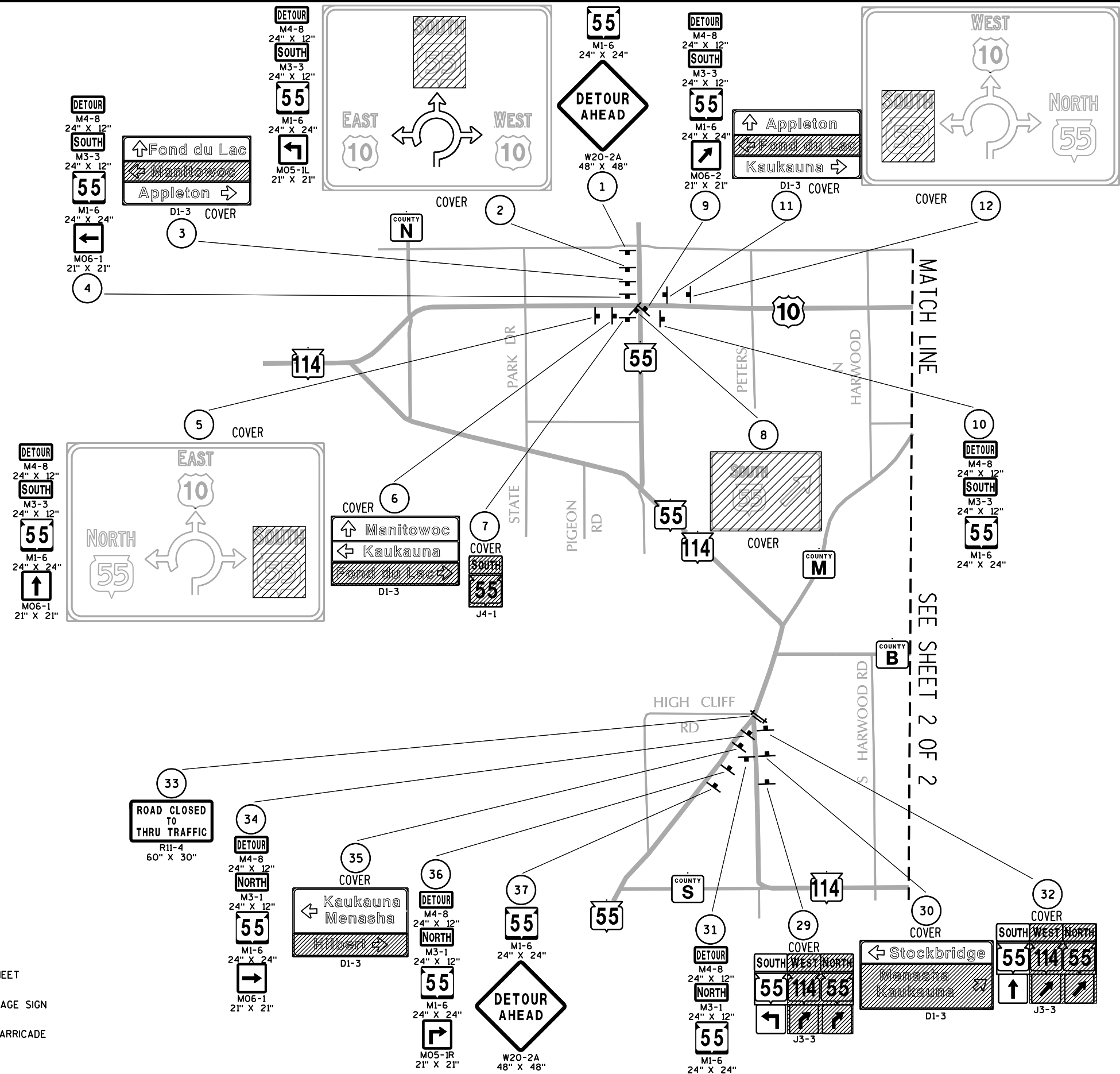
PEDESTRIAN DETOUR

WORK AREA

TEMPORARY CURB RAMP WITH DETECTABLE WARNING FIELD

TEMPORARY PEDESTRIAN SURFACE ASPHALT





LEGEND

- (X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
- ▲ PCMS (X) PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN

PROJECT NO: 4670-10-71

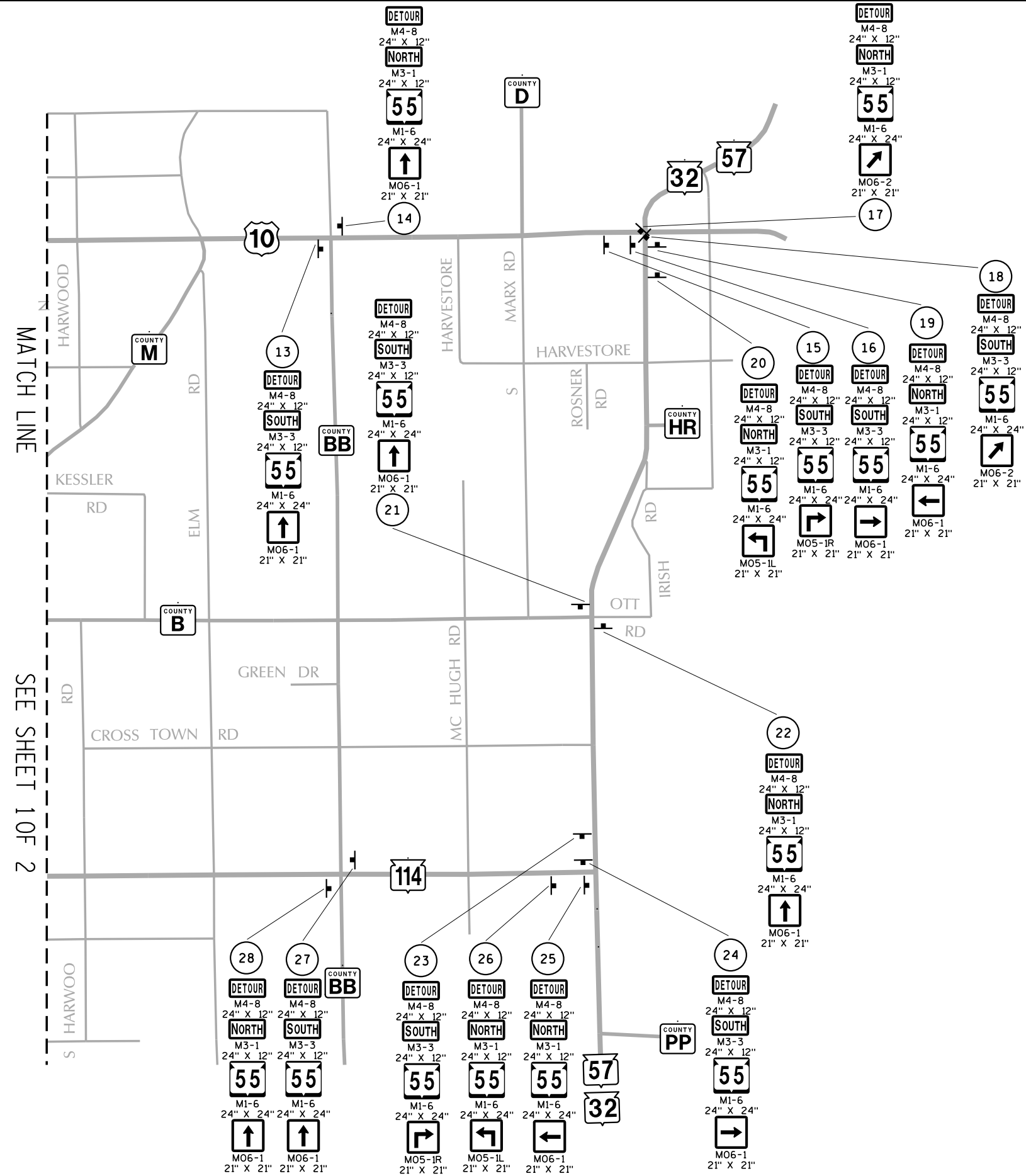
HWY: STH 55/114

COUNTY: CALUMET

DETOUR SIGNING DETAIL

SHEET

E



LEGEND

-  SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
-   PORTABLE CHANGEABLE MESSAGE SIGN
-  SIGN MOUNTED ON TYPE III BARRICADE
-  POST MOUNTED SIGN

PROJECT NO: 4670-10-71

HWY: STH 55/114

COUNTY: CALUMET

DETOUR SIGNING DETAIL

SHEET

E

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
1	STH 55, N. OF US 10, PLACE 1000' N. OF US 10 INTERSECTION	M 1-6	24"X24"	1	12	12					55
	"	W 20-2A	48"X48"	1	12	12					
2	STH 55, N. OF US 10, PLACE/COVER EXISTING D1-62 SIGN AS SHOWN								1	1	COVER "SOUTH 55"
	"	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 5-1L	21"X21"	1	12	12					
3	STH 55, N. OF US 10, COVER EXISTING D1-3 SIGN AS SHOWN								1	1	COVER "MANITOWOC"
4	STH 55, N. OF US 10, PLACE 100' N. OF US 10 INTERSECTION	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-1	21"X21"	1	12	12					LEFT
5	US 10, W. OF STH 55, PLACE/COVER EXISTING D1-62 SIGN AS SHOWN								1	1	COVER "SOUTH 55"
	"	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-1	21"X21"	1	12	12					AHEAD
6	US 10, W. OF STH 55, COVER EXISTING D1-3 SIGN AS SHOWN								1	1	COVER "FOND DU LAC"
7	STH 55, S. OF US 10, COVER EXISTING J4-1 SIGN AS SHOWN								1	1	COVER ENTIRE SIGN
8	US 10, AT STH 55, COVER EXISTING D1-2 SIGN AS SHOWN								1	1	COVER ENTIRE SIGN
9	US 10, AT STH 55, PLACE ABOVE SPLITTER ISLAND SIGN TO US 10 EAST	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-2	21"X21"	1	12	12					TILT RIGHT
10	US 10, E. OF STH 55, PLACE RIGHT OF EXISTING J4-1 SIGN	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
11	US 10, E. OF STH 55, COVER EXISTING D1-3 SIGN AS SHOWN								1	1	COVER "FOND DU LAC"
12	US 10, E. OF STH 55, COVER EXISTING D1-62 SIGN AS SHOWN								1	1	COVER "SOUTH 55"
13	US 10, W. OF CTH BB, PLACE 150' W. OF CTH BB INTERSECTION	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-1	21"X21"	1	12	12					AHEAD
14	US 10, E. OF CTH BB, PLACE 150' E. OF CTH BB INTERSECTION	M 4-8	24"X12"	1	12	12					
	"	M 3-1	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-1	21"X21"	1	12	12					AHEAD
15	US 10, W. OF STH 32/57, PLACE RIGHT OF EXISTING D1-62 SIGN	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 5-1R	21"X21"	1	12	12					
16	US 10, W. OF STH 32/57, PLACE 100' W. OF STH 32/57 INTERSECTION	M 4-8	24"X12"	1	12	12					
	"	M 3-3	24"X12"	1	12	12					
	"	M 1-6	24"X24"	1	12	12					55
	"	MO 6-1	21"X21"	1	12	12					RIGHT
PAGE SUBTOTALS				37		444	0	0		8	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
17	US 10, AT STH 32/57, PLACE ABOVE EXISTING SPLITTER ISLAND SIGN	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-2	21"x21"	1	12	12					TILT RIGHT
18	STH 32/57, AT US 10, PLACE ABOVE EXISTING SPLITTER ISLAND SIGN	M 4-8	24"x12"	1	12	12					
	"	M 3-3	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-2	21"x21"	1	12	12					TILT RIGHT
19	STH 32/57, S. OF US 10, PLACE 100' S. OF US 10 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					LEFT
20	STH 32/57, S. OF US 10, PLACE RIGHT OF EXISTING D1-62 SIGN	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 5-1L	21"x21"	1	12	12					
21	STH 32/57, N. OF CTH B, PLACE 150' N. OF CTH B INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-3	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					AHEAD
22	STH 32/57, S. OF CTH B, PLACE 150' S. OF CTH B INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					AHEAD
23	STH 32/57, N. OF STH 114, PLACE 600' N. OF STH 114 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-3	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 5-1R	21"x21"	1	12	12					
24	STH 32/57, N. OF STH 114, PLACE 100' N. OF STH 114 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-3	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					RIGHT
25	STH 114, W. OF STH 32/57, PLACE 100' W. OF STH 32/57 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					LEFT
26	STH 114, W. OF STH 32/57, PLACE 600' W. OF STH 32/57 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 5-1L	21"x21"	1	12	12					

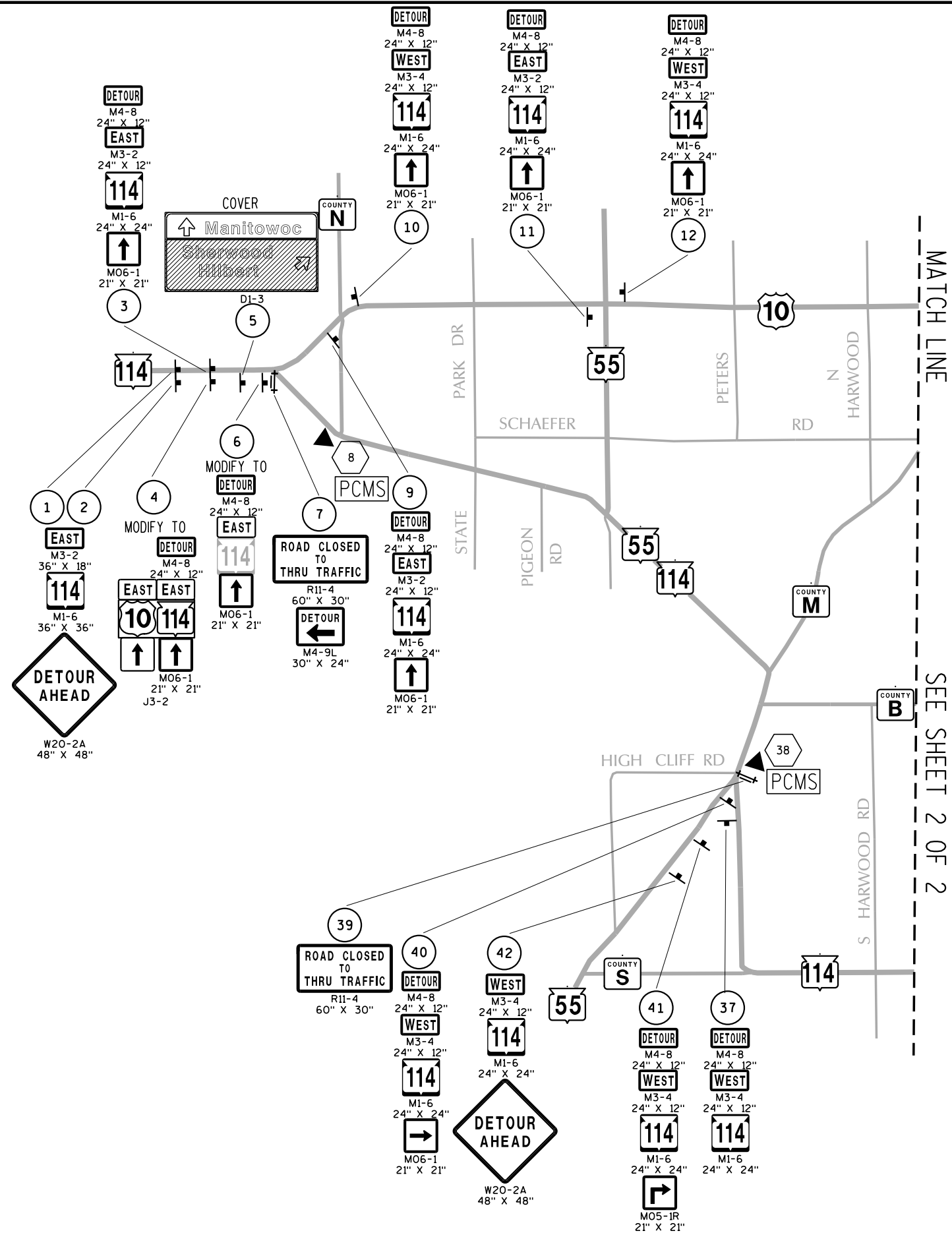
PAGE SUBTOTALS 40 480 0 0 0

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
27	STH 114, E. OF CTH BB, PLACE 150' E. OF CTH BB INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-3	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					AHEAD
28	STH 114, W. OF CTH BB, PLACE 150' W. OF CTH BB INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					AHEAD
29	STH 114, S. OF STH 55, COVER EXISTING J3-3 SIGN AS SHOWN								1	1	COVER "W 114 TILT RIGHT-N 55 TILT RIGHT"
30	STH 114, S. OF STH 55, COVER EXISTING D1-3 SIGN AS SHOWN								1	1	COVER "MENASHA-KAUKAUNA"
31	STH 114, S. OF STH 55, PLACE RIGHT OF EXISTING J4-1 SIGN	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
32	STH 114, AT STH 55, COVER EXISTING J3-3 SIGN AS SHOWN								1	1	COVER "W 114 TILT RIGHT-N 55 TILT RIGHT"
33	STH 114, AT STH 55, PLACE ON RIGHT SHOULDER	R 11-4	60"x30"	1	12	12	12	24			
34	STH 55, AT STH 114, PLACE RIGHT OF EXISTING R1-1 SIGN	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 6-1	21"x21"	1	12	12					RIGHT
35	STH 55, S. OF STH 114, COVER EXISTING D1-3 SIGN AS SHOWN								1	1	COVER "HILBERT"
36	STH 55, S. OF STH 114, PLACE 500' S. OF STH 114 INTERSECTION	M 4-8	24"x12"	1	12	12					
	"	M 3-1	24"x12"	1	12	12					
	"	M 1-6	24"x24"	1	12	12					55
	"	MO 5-1R	21"x21"	1	12	12					
37	STH 55, S. OF STH 114, PLACE 1000' S. OF STH 114 INTERSECTION	M 1-6	24"x24"	1	12	12					55
	"	W 20-2A	48"x48"	1	12	12					
PAGE SUBTOTALS				22		264	12	24		4	
STH 55 DETOUR TOTALS				99		1,188	12	24		12	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION



	SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
	PORTABLE CHANGEABLE MESSAGE SIGN
	SIGN MOUNTED ON TYPE III BARRICADE
	POST MOUNTED SIGN



TRAFFIC CONTROL DETOUR SIGN SUMMARY												
SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
1	US 10/STH 114, W. OF 10/114 SPLIT, PLACE 1000' W. OF SPLIT IN MEDIAN	M 3-2	36"x18"	1	12	12						
	"	M 1-6	36"x36"	1	12	12						114
	"	W 20-2A	48"x48"	1	12	12						
2	US 10/STH 114, W. OF 10/114 SPLIT, PLACE 1000' W. OF SPLIT ON RIGHT SHOULDER	M 3-2	36"x18"	1	12	12						
	"	M 1-6	36"x36"	1	12	12						114
	"	W 20-2A	48"x48"	1	12	12						
3	US 10/STH 114, W. OF 10/114 SPLIT, PLACE ACROSS FROM SIGN #4 IN MEDIAN	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
4	US 10/STH 114, W. OF 10/114 SPLIT, MODIFY EXISTING J3-2 SIGN AS SHOWN	M 4-8	24"x12"	1	12	12						
	"	MO 6-1	21"x21"	1	12	12						AHEAD
5	US 10/STH 114, W. OF 10/114 SPLIT, COVER EXISTING D1-3 SIGN AS SHOWN									1	1	COVER "SHERWOOD-HILBERT"
6	US 10/STH 114, W. OF 10/114 SPLIT, MODIFY EXISTING J3-1 SIGN AS SHOWN	M 4-8	24"x12"	1	12	12						
	"	MO 6-1	21"x21"	1	12	12						AHEAD
7	US 10/STH 114, AT 10/114 SPLIT, PLACE ON RIGHT SHOULDER AT DIVERGE POINT OF RAMP	R 11-4	60"x30"	1	12	12	12	24				
	"	M 4-9L	30"x24"	1	12	12						
8	STH 114, E. OF US 10, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION			1					7			PLACE IN ADVANCE OF CLOSURE
9	US 10, W. OF CTH N, PLACE 150' W. OF CTH N RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
10	US 10, E. OF CTH N, PLACE 150' E. OF CTH N RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
11	US 10, W. OF STH 55, PLACE 150' W. OF STH 55 RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
12	US 10, E. OF STH 55, PLACE 150' E. OF STH 55 RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
13	US 10, W. OF CTH M, PLACE 150' W. OF CTH M INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
14	US 10, E. OF CTH M, PLACE 150' E. OF CTH M INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
PAGE SUBTOTALS				41		480	12	24	7		1	
PLAN SHEET PRODUCED BY WisDOT - NE REGION												
PROJECT NUMBER: 4670-10-71		HWY: STH 55/114		COUNTY: CALUMET		MISCELLANEOUS QUANTITIES				SHEET		E

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
15	US 10, W. OF CTH BB, PLACE 150' W. OF CTH BB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
16	US 10, E. OF CTH BB, PLACE 150' E. OF CTH BB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
17	US 10, W. OF STH 32/57, PLACE RIGHT OF EXISTING D1-62 SIGN	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 5-1R	21"x21"	1	12	12						
18	US 10, W. OF STH 32/57, PLACE 100' W. OF STH 32/57 RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						RIGHT
19	US 10, AT STH 32/57, PLACE ABOVE EXISTING SPLITTER ISLAND SIGN TO 10 WB	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-2	21"x21"	1	12	12						TILT RIGHT
20	STH 32/57, AT US 10, PLACE ABOVE EXISTING SPLITTER ISLAND SIGN TO 32/57 SB	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-2	21"x21"	1	12	12						TILT RIGHT
21	STH 32/57, S. OF US 10, PLACE 100' S. OF US 10 RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						LEFT
22	STH 32/57, S. OF US 10, PLACE 100' S. OF US 10 RAB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 5-1L	21"x21"	1	12	12						
23	STH 32/57, N. OF CTH B, PLACE 150' N. OF CTH B INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-2	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
24	STH 32/57, S. OF CTH B, PLACE 150' S. OF CTH B INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
PAGE SUBTOTALS				40		480	0	0	0		0	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 12 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
25	STH 32/57, N. OF STH 114, MODIFY EXISTING J1-1 SIGN AS SHOWN	M 4-8A	24"x18"	1	12	12						
26	STH 32/57, N. OF STH 114, COVER EXISTING J2-1 SIGN AS SHOWN									1	1	COVER ENTIRE SIGN
27	STH 32/57, N. OF STH 114, COVER EXISTING D1-3 SIGN AS SHOWN									1	1	COVER "SHERWOOD"
28	STH 32/57, AT STH 114, COVER EXISTING J3-1 SIGN AS SHOWN									1	1	COVER ENTIRE SIGN
29	STH 114, AT STH 32/57, PLACE ON RIGHT SHOULDER	R 11-3	60"x30"	1	12	12	12	24				4 1/2 MILES AHEAD
30	STH 32/57, AT STH 114, MODIFY EXISTING J3-1 SIGN AS SHOWN	M 4-8	24"x12"	1	12	12						
	"	MO 6-1	21"x21"	1	12	12						AHEAD
31	STH 32/57, S. OF STH 114, COVER EXISTING D1-3 SIGN AS SHOWN									1	1	COVER "SHERWOOD-NEENAH-MENASHA"
32	STH 32/57, S. OF STH 114, MODIFY EXISTING J2-1 SIGN AS SHOWN	M 4-8	24"x12"	1	12	12						
	"	MO 6-1	21"x21"	1	12	12						AHEAD
33	STH 32/57, S. OF STH 114, PLACE 1000' S. OF STH 114 INTERSECTION	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	W 20-2A	48"x48"	1	12	12						
34	STH 114, W. OF STH 32/57, PLACE 150' W. OF STH 32/57 INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						LEFT
35	STH 114, W. OF STH 32/57, PLACE 650' W. OF STH 32/57 INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 5-1L	21"x21"	1	12	12						
36	STH 114, W. OF CTH BB, PLACE 150' W. OF CTH BB INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						AHEAD
37	STH 114, S. OF STH 55, PLACE RIGHT OF EXISTING J4-1 SIGN	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						
38	STH 55/114, N. OF STH 55/114 SPLIT, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1					7			PLACE IN ADVANCE OF CLOSURE
39	STH 55/114, AT 55/114 SPLIT, PLACE ON RIGHT SHOULDER	R 11-4	60"x30"	1	12	12	12	24				
40	STH 55/114, AT 55/114 SPLIT, PLACE RIGHT OF EXISTING R1-1 SIGN	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 6-1	21"x21"	1	12	12						RIGHT
41	STH 55, S. OF STH 55/114 SPLIT, PLACE 500' S. OF STH 55/114 INTERSECTION	M 4-8	24"x12"	1	12	12						
	"	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	MO 5-1R	21"x21"	1	12	12						
42	STH 55, S. OF STH 55/114 SPLIT, PLACE 1000' S. OF STH 55/114 INTERSECTION	M 3-4	24"x12"	1	12	12						
	"	M 1-6	24"x24"	1	12	12						114
	"	W 20-2A	48"x48"	1	12	12						

PAGE SUBTOTALS

37

432

24

48

7

4

STH 114 DETOUR TOTALS

118

1,392

36

72

14

5

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PROJECT NUMBER: 4670-10-71

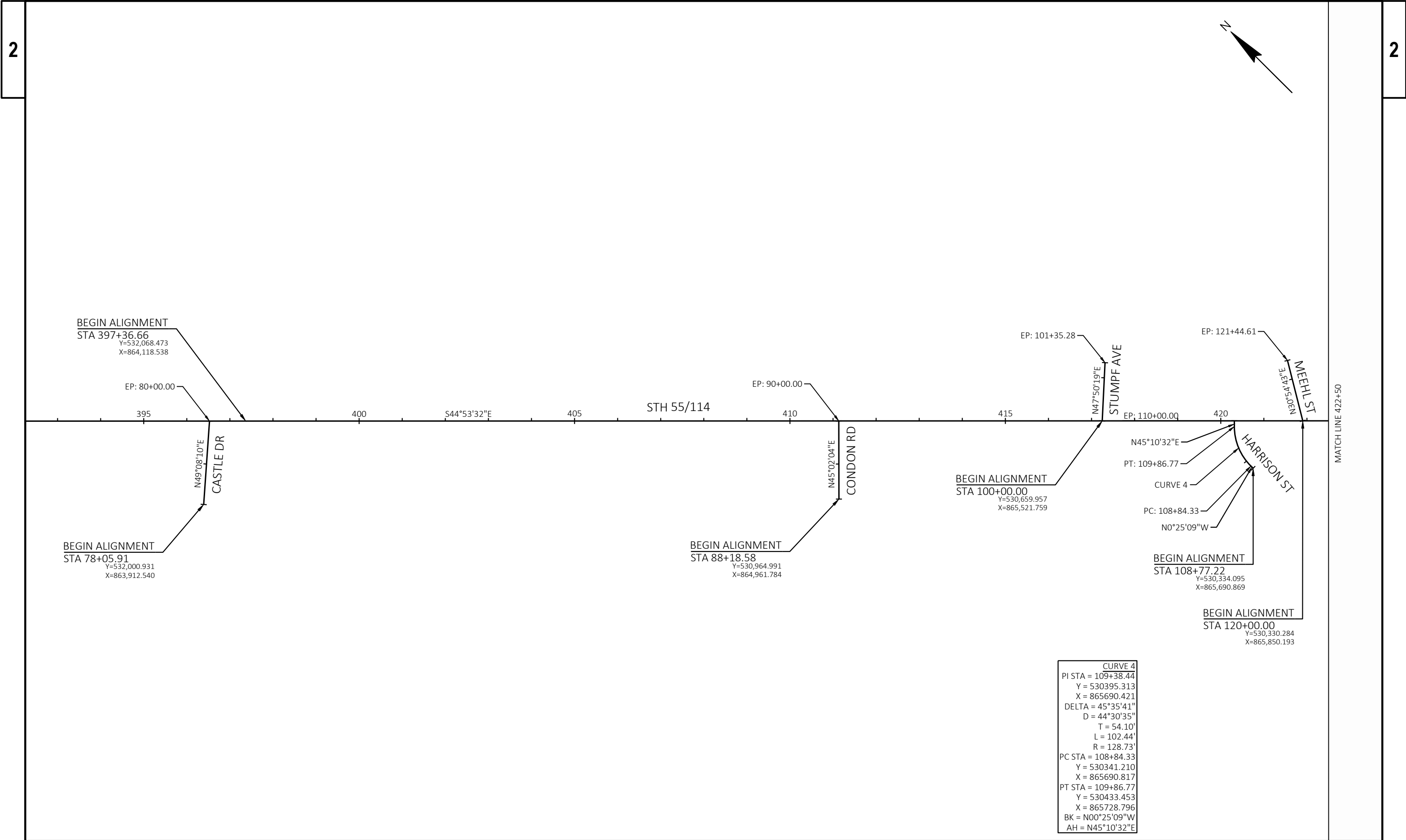
HWY: STH 55/114

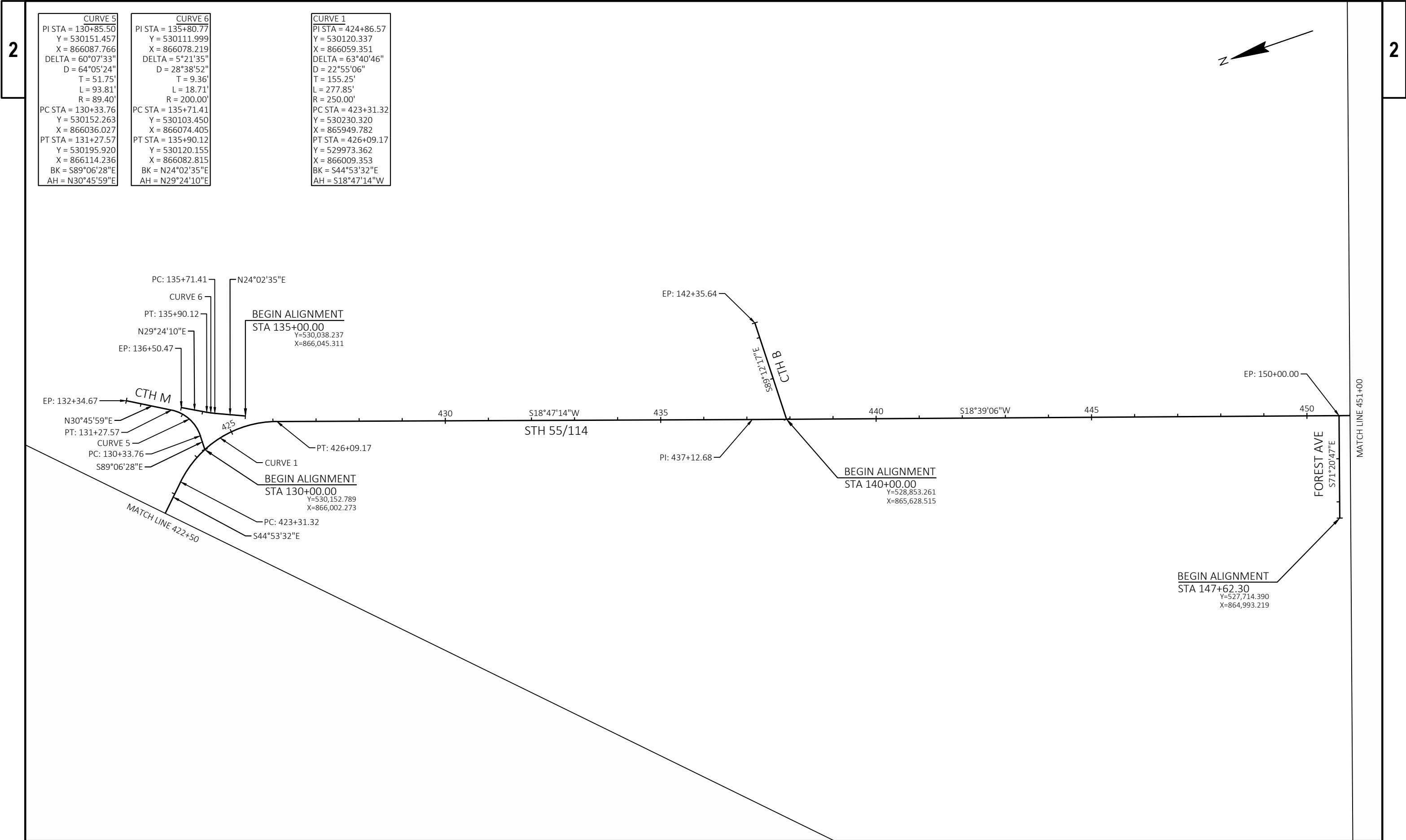
COUNTY: CALUMET

MISCELLANEOUS QUANTITIES

SHEET

E

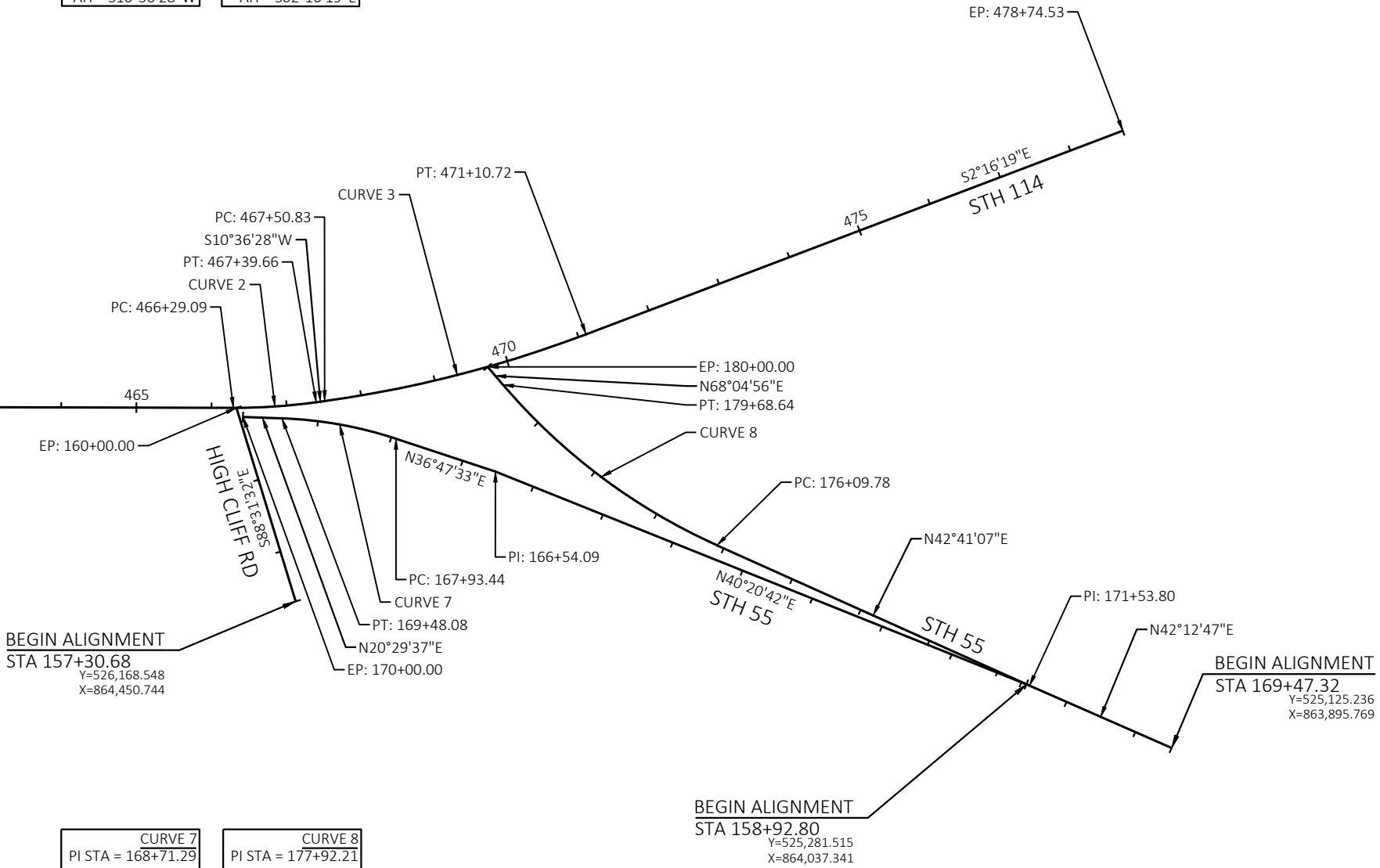




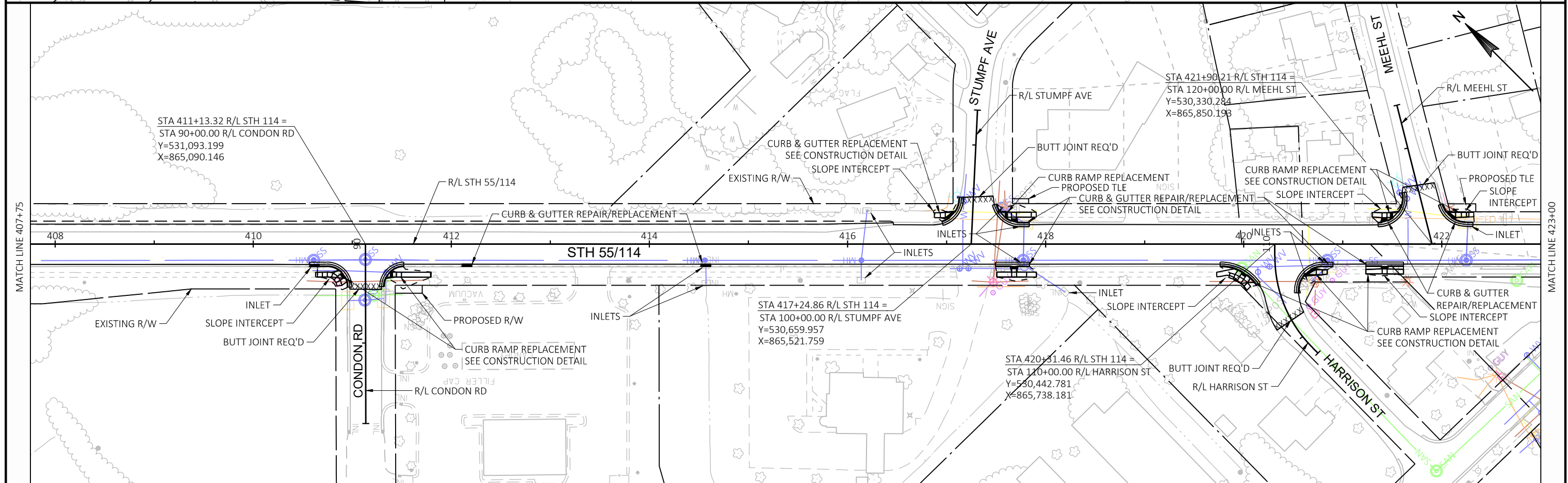
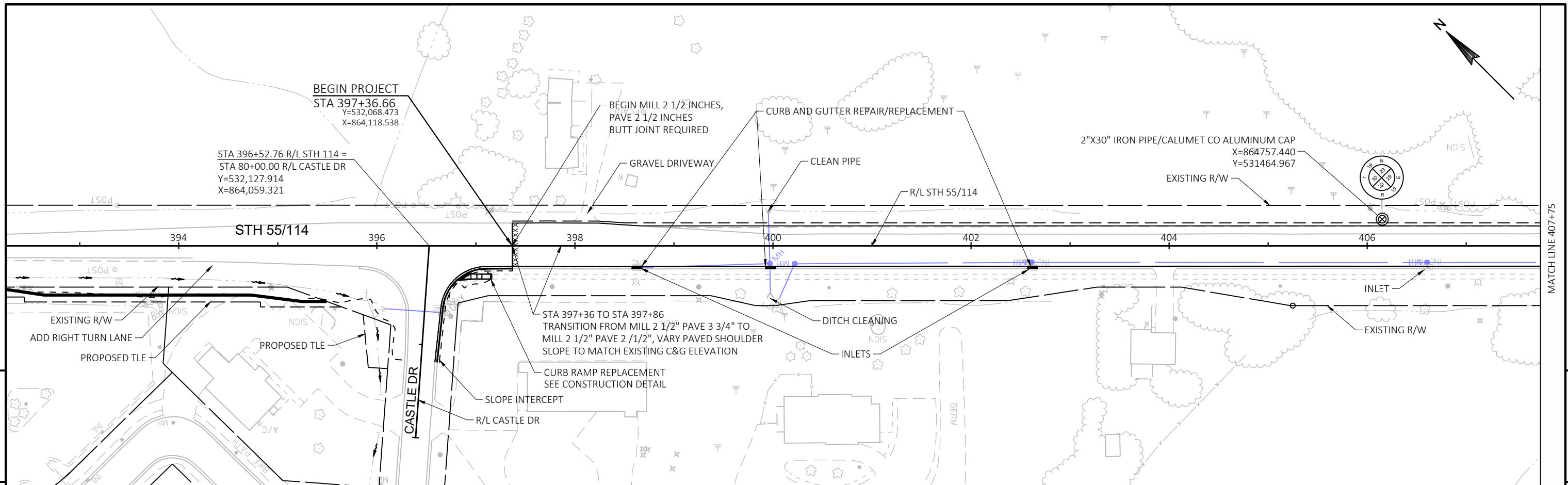
MATCH LINE 451+00



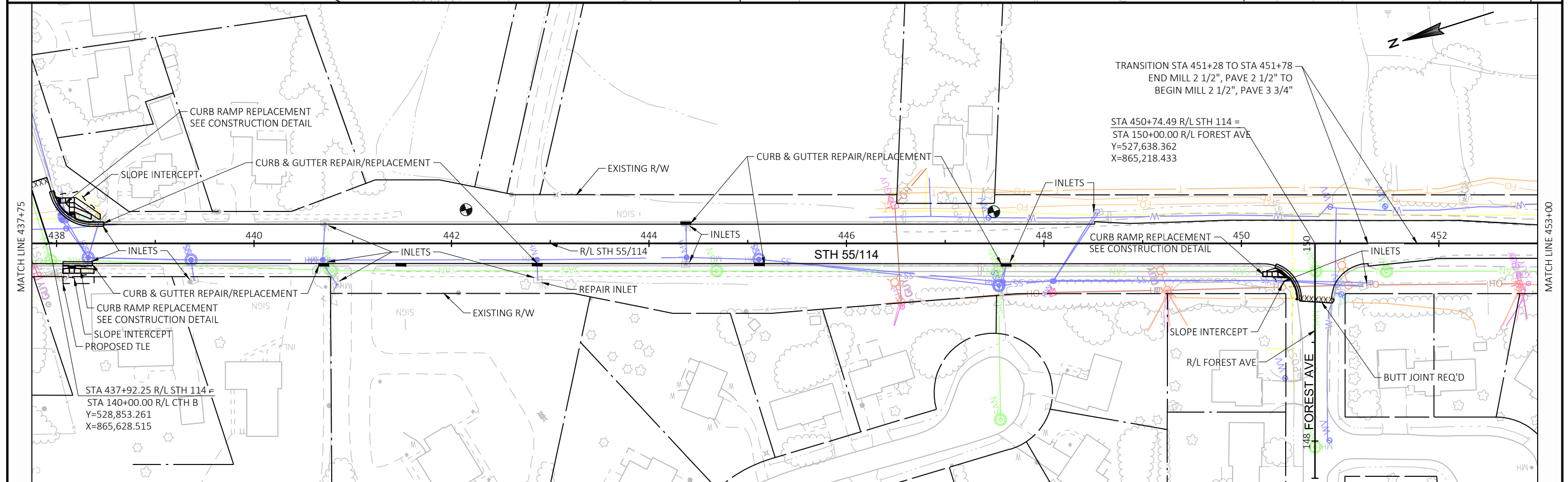
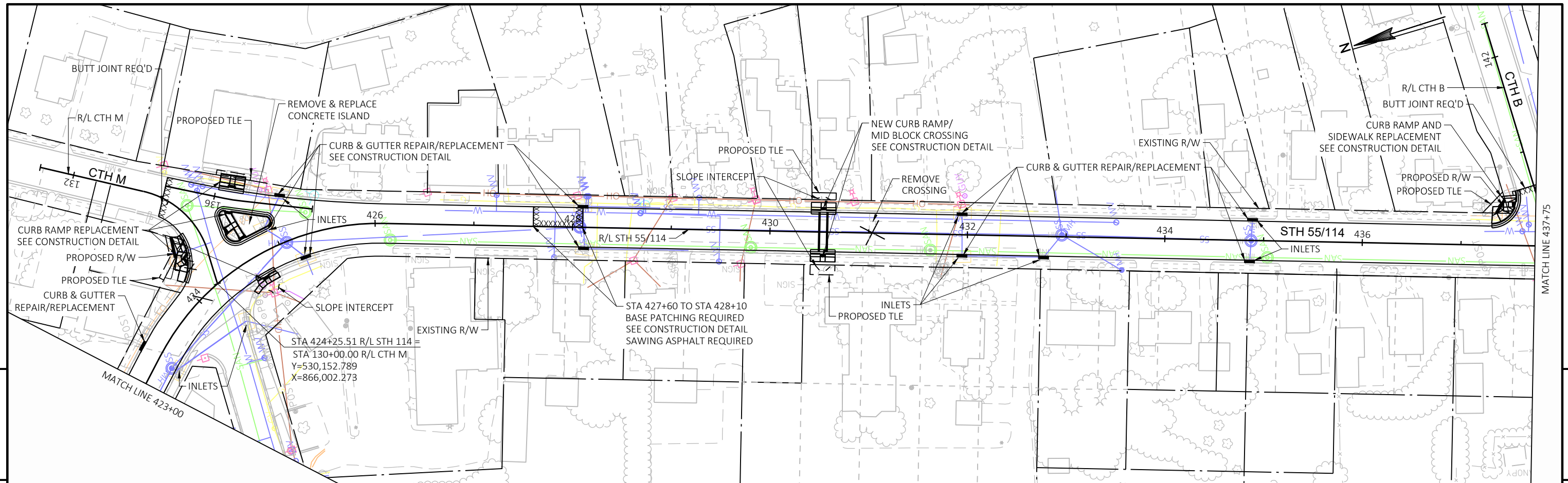
CURVE 2		CURVE 3	
PI STA = 466+84.47	Y = 526112.942	PI STA = 469+31.54	Y = 525869.914
X = 864703.537	DELTA = 8°02'39"	X = 864658.022	DELTA = 12°52'47"
D = 7°16'30"	T = 55.38'	D = 3°34'44"	T = 180.71'
L = 110.57'	R = 787.56'	L = 359.89'	R = 1600.98'
PC STA = 466+29.09	Y = 526165.410	PC STA = 467+50.83	Y = 526047.531
X = 864721.247	PT STA = 467+39.66	X = 864691.286	PT STA = 471+10.72
Y = 526058.512	X = 864693.343	Y = 525689.351	X = 864665.185
BK = S18°39'06"W	AH = S10°36'28"W	BK = S10°36'28"W	AH = S02°16'19"E

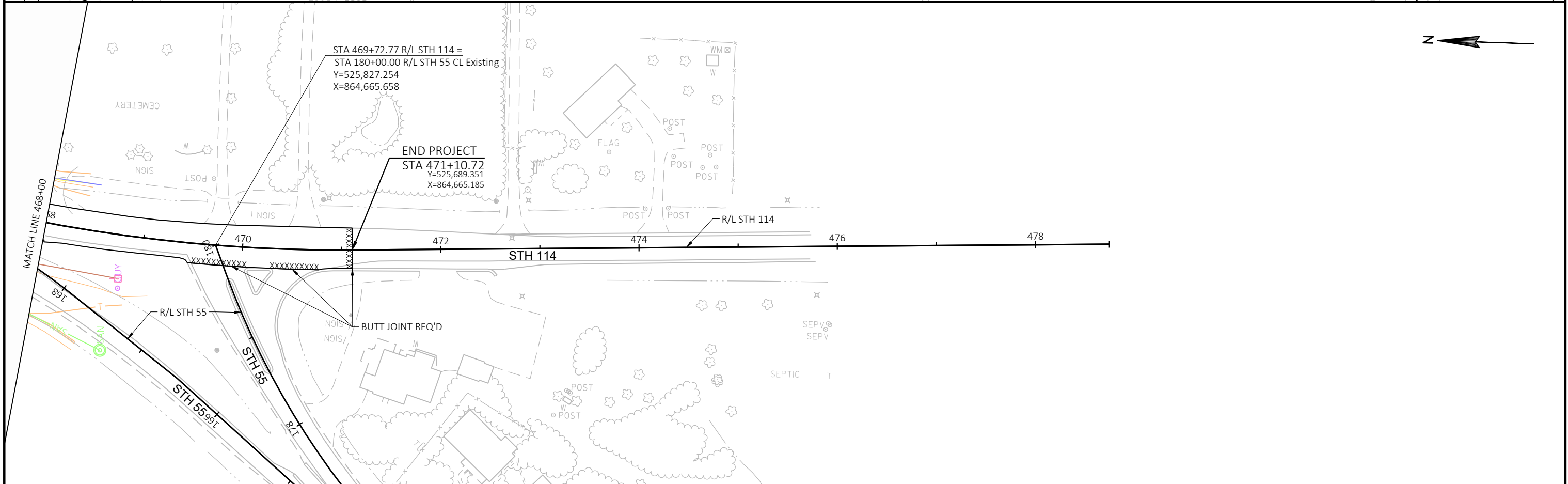
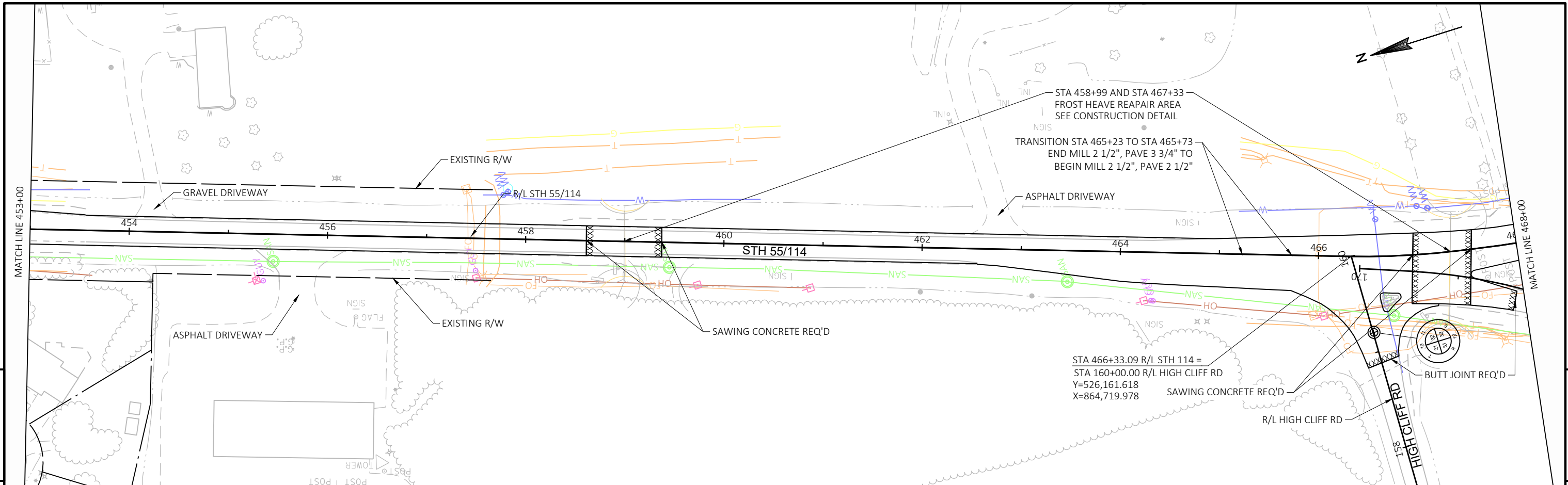


CURVE 7		CURVE 8	
PI STA = 168+71.29	Y = 526035.674	PI STA = 177+92.21	Y = 525747.453
X = 864660.275	DELTA = 16°17'56"	X = 864467.323	DELTA = 25°23'50"
D = 10°32'24"	T = 77.84'	D = 7°04'38"	T = 182.43'
L = 154.64'	R = 543.60'	L = 358.86'	R = 809.59'
PC STA = 167+93.44	Y = 525973.336	PC STA = 176+09.78	Y = 525613.352
X = 864613.653	PT STA = 169+48.08	X = 864343.643	PT STA = 179+68.64
Y = 526108.591	X = 864687.529	Y = 525815.548	X = 864636.565
BK = N36°47'33"E	AH = N20°29'37"E	BK = N42°41'07"E	AH = N68°04'56"E



PROJECT NO: 4670-10-71	HWY: STH 55	COUNTY: CALUMET	PLAN SHEETS	SHEET	E
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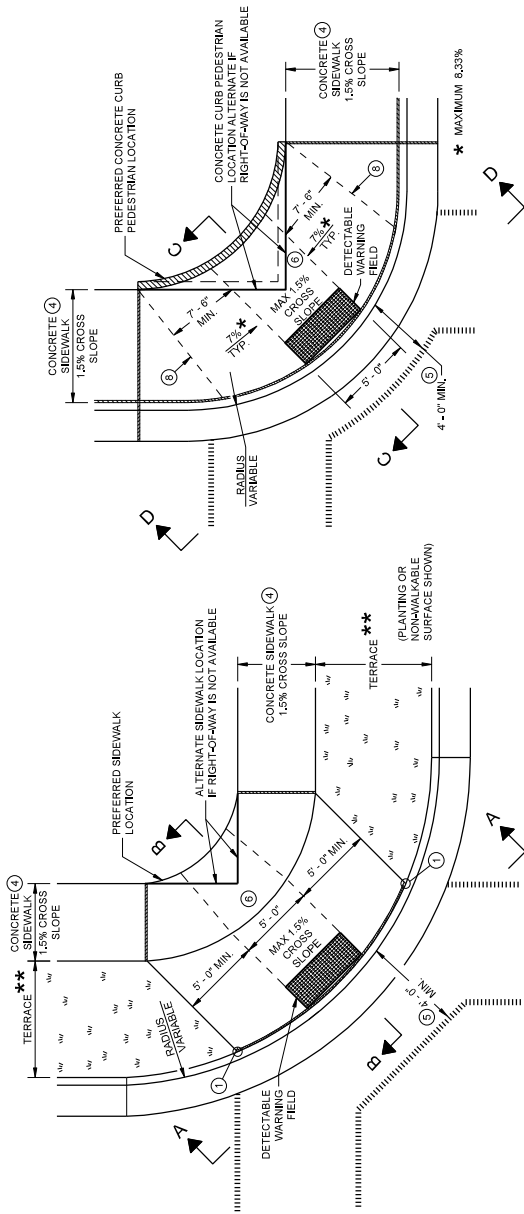




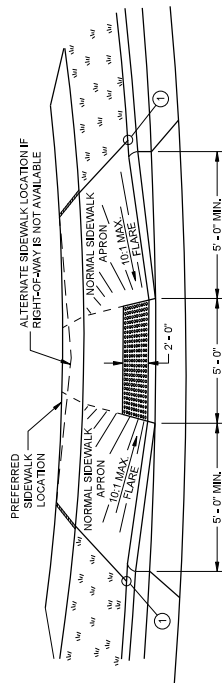
PROJECT NO: 4670-10-71	HWY: STH 55	COUNTY: CALUMET	PLAN SHEETS	SHEET	E
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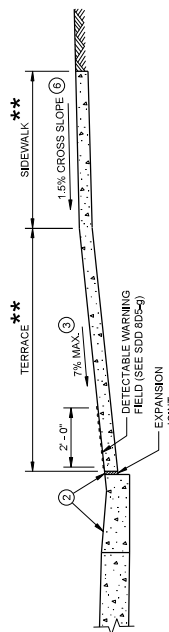
SDD 08D05-a: Curb Ramps Types 1 and 1-A



PLAN VIEW
CURB RAMP TYPE 1
(CENTER OF CORNER RADIUS)



VIEW A - A FOR TYPE 1



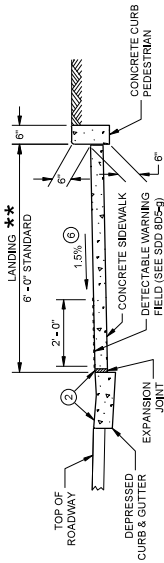
SECTION B - B FOR TYPE 1

GENERAL NOTES

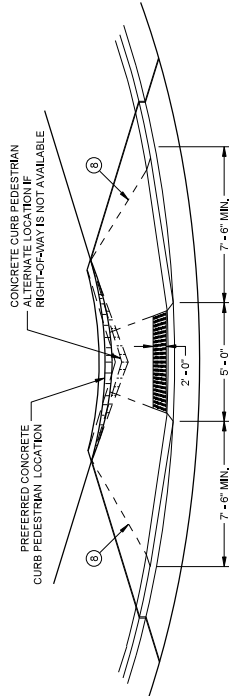
1. AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
2. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.
3. TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.
4. DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.
5. SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".
6. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
7. SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.
8. THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.
9. GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE. MINIMALLY, 1.5% AND NOT TO EXCEED 7%, WHEN ADJACENT TO 1.5% LANDING. CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
10. MAXIMUM 6.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
11. 45% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
12. PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.
13. PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
14. PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C - C FOR TYPE 1 - A



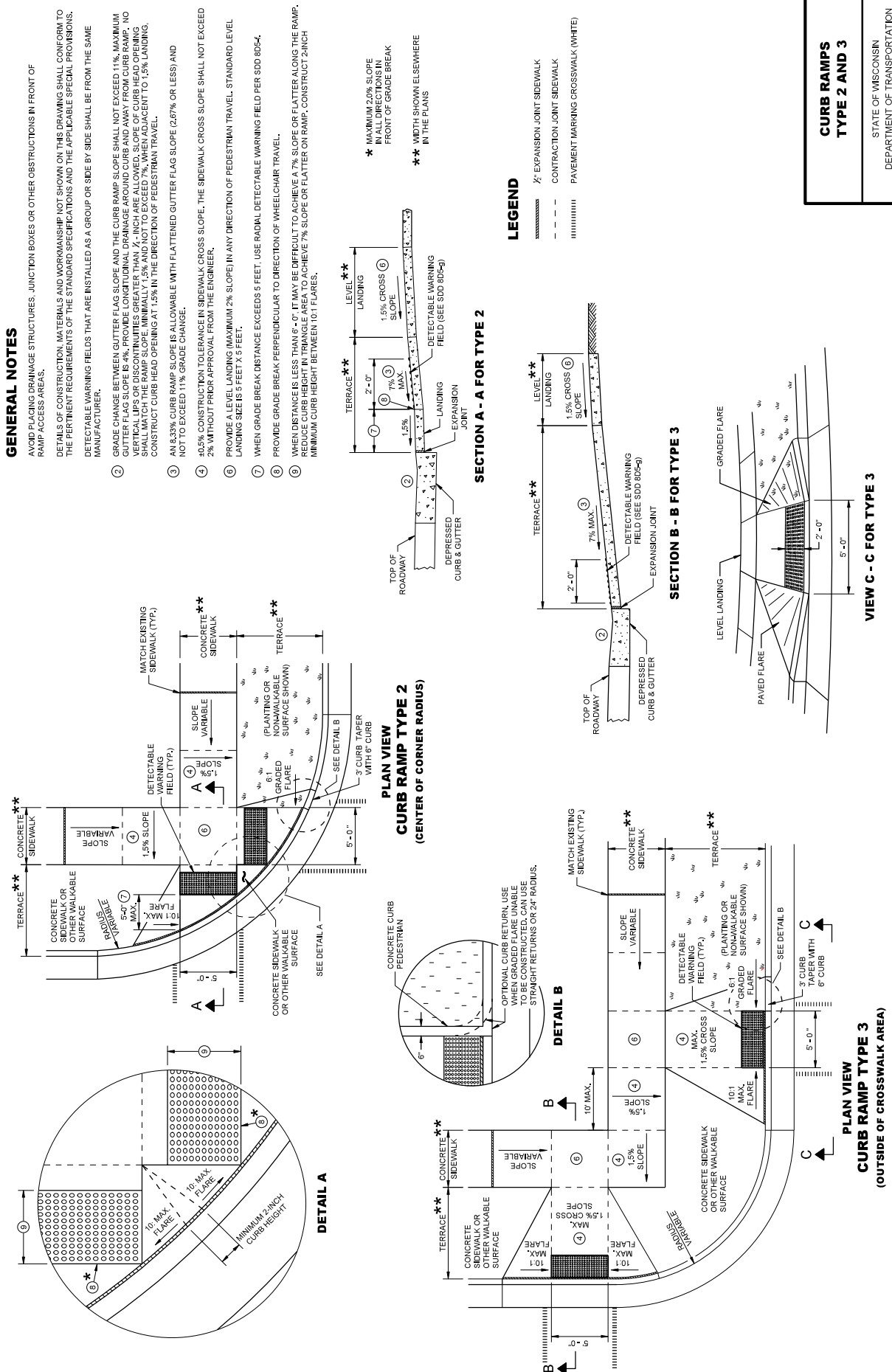
VIEW D - D FOR TYPE 1 - A

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SDD 08D05-b Curb Ramps Types 2 and 3

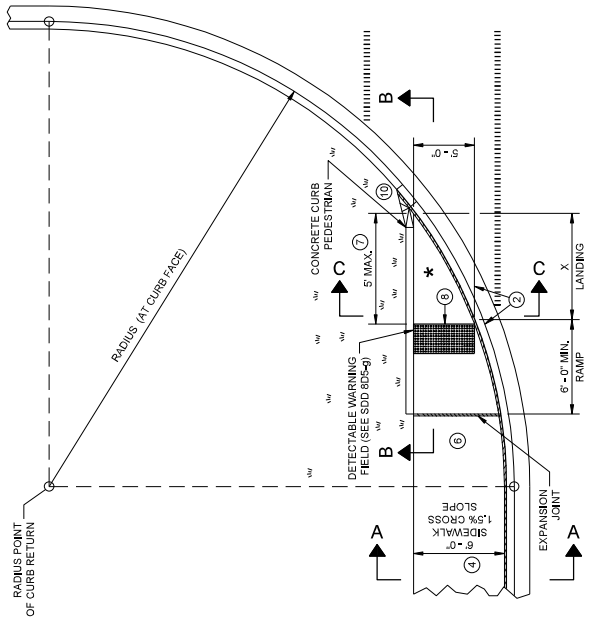


CURB RAMP TYPE 2 AND 3

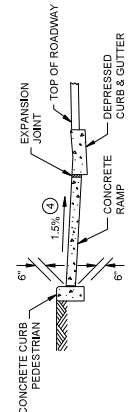
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



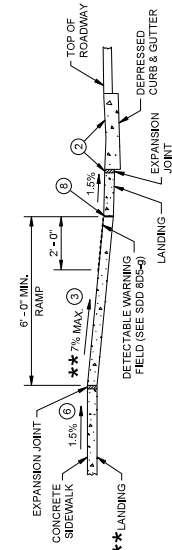
SDD 08D05-c Curb Ramps Types 4A and 4A1



PLAN VIEW
CURB RAMP TYPE 4A

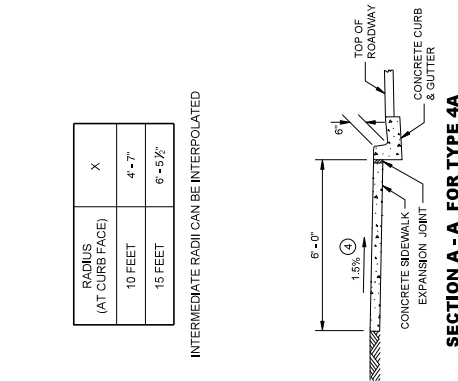


SECTION C - C FOR TYPE 4A

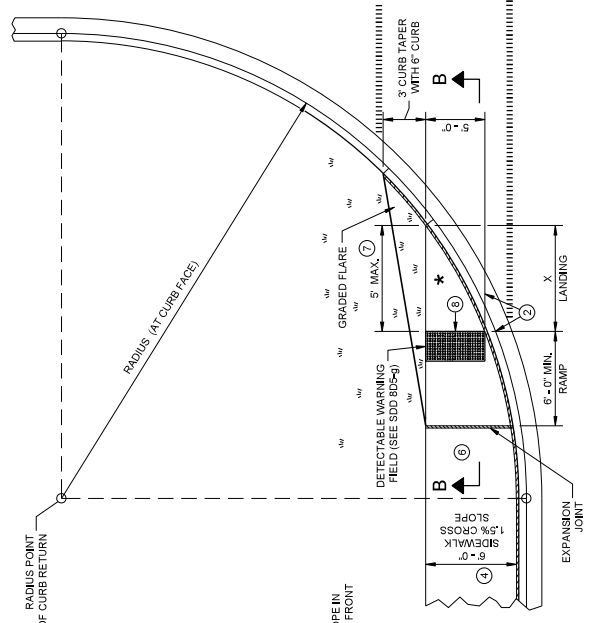


SECTION B - B FOR
TYPE 4A AND TYPE 4A1

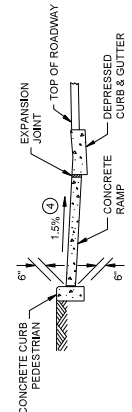
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



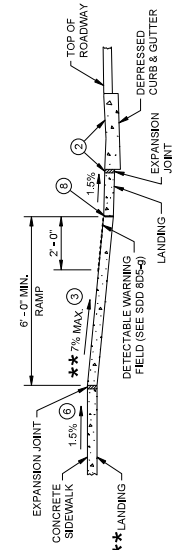
SECTION A - A FOR TYPE 4A



PLAN VIEW
CURB RAMP TYPE 4A1



SECTION C - C FOR TYPE 4A1



SECTION B - B FOR
TYPE 4A1

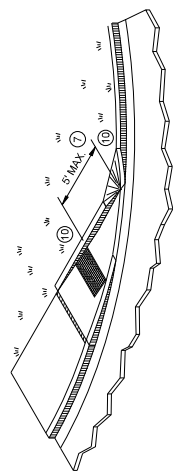
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

GENERAL NOTES

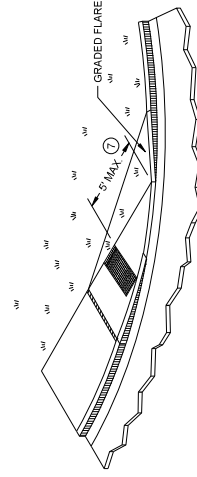
- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 1%. MAXIMUM GUTTER FLAG SLOPE SHALL BE 1.5% MINIMUM. THE CURB RAMP SLOPE SHALL NOT EXCEED 1.5% MINIMUM. THE CURB RAMP SLOPE SHALL NOT EXCEED 1.5% MINIMUM. THE CURB RAMP SLOPE SHALL NOT EXCEED 1.5% MINIMUM.
- DISCONTINUITIES GREATER THAN 1/8 INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE MINIMALLY 1.5% AND NOT TO EXCEED 7%, WHEN ADJACENT TO 1.5% LANDING. CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 0.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 1% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-4.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS), DO NOT MARK TRANSITION NOSE.

LEGEND

- EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



ISOMETRIC VIEW FOR TYPE 4A



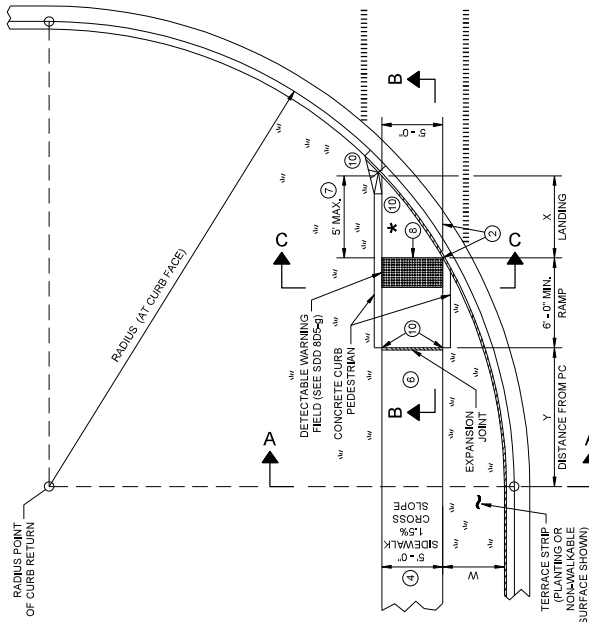
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMP TYPE 4A AND 4A1

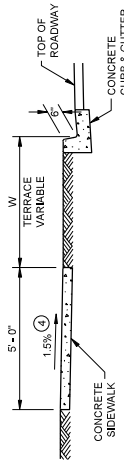
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SDD 08D05-d: Curb Ramps Types 4B and 4B1

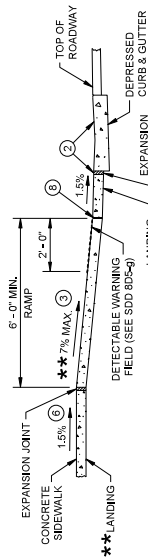


PLAN VIEW
CURB RAMP TYPE 4B



SECTION A - A FOR TYPE 4B

* MAXIMUM 2.0% SLOPE IN
LANDING AREA FROM
OF GRADE BREAK



SECTION B - B FOR
TYPE 4B AND TYPE 4B1

** IF RAMP SLOPE IS LESS
THAN 5.0%, THEN NO
ADJACENT UPHILL
LANDING IS REQUIRED

RADIUS (AT CURB FACE)	W = 3'-0"	W = 4'-0"	W = 5'-0"	W = 6'-0"	W = 7'-0"	W = 8'-0"	W = 9'-0"	W = 10'-0"
10 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"
15 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"
20 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"
30 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"
40 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"
50 FEET	0'-5"	1'-4"	2'-1"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/2" ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

④ 40.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

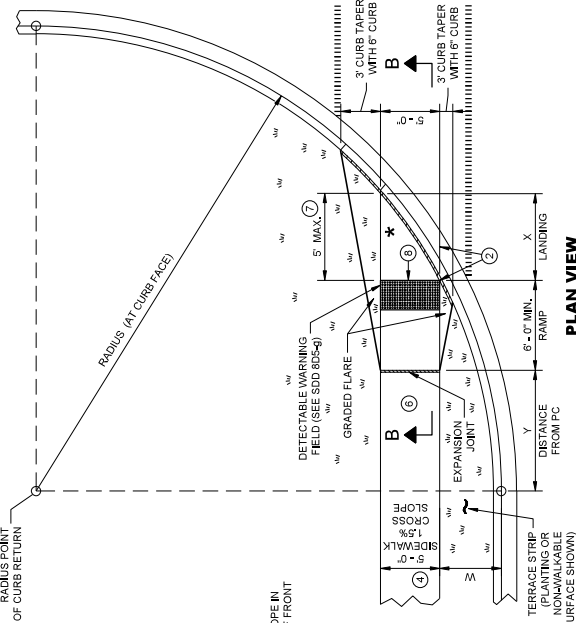
⑤ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

⑥ WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-4.

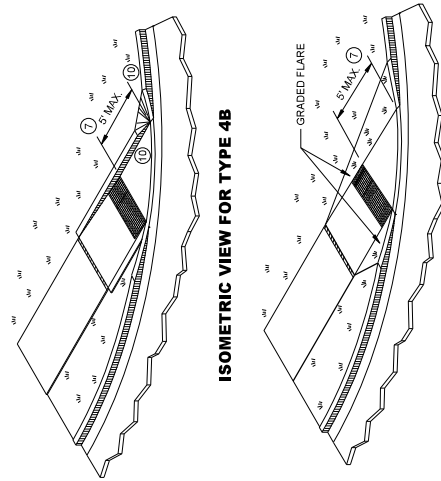
⑦ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

⑧ INSTALL TRANSITION NOSE INCIDENTAL TO OTHER PAY ITEMS, DO NOT MARK TRANSITION NOSE.

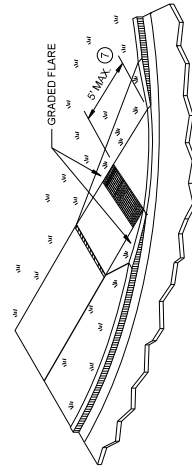
⑨



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMP TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ④ $\pm 0.5\%$ CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

6 PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL, STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

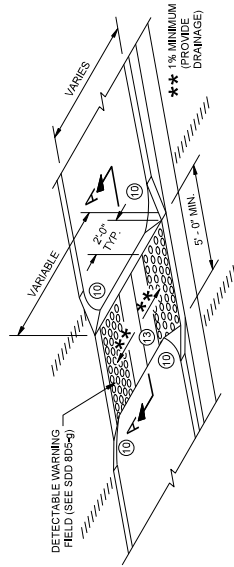
⑩ INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

12 THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET $\pm$ 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

13 DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEEL-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

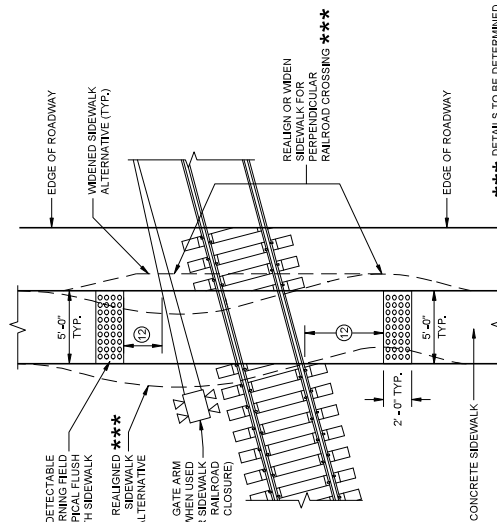
MEDIAN ISLAND

NON-ELEVATED PEDESTRIAN CROSSING

*** DETAILS TO BE DETERMINED
BY ENGINEER

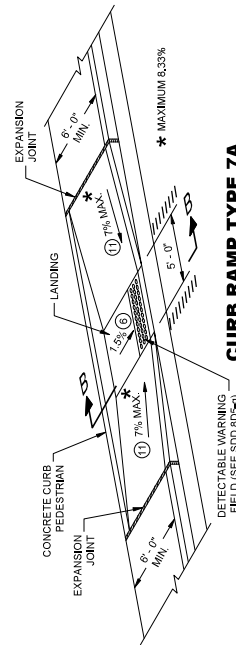
CURB RAMP TYPE 8

DETECTABLE WARNINGS AT RAILROAD CROSSING

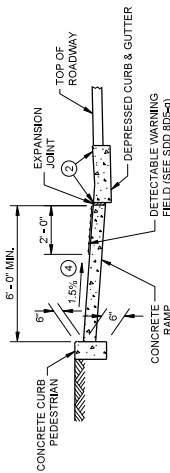


CIIBR RAMP TYPE 7A

MID BLOCK CROSSING



SECTION B - B FOR TYPE 7A



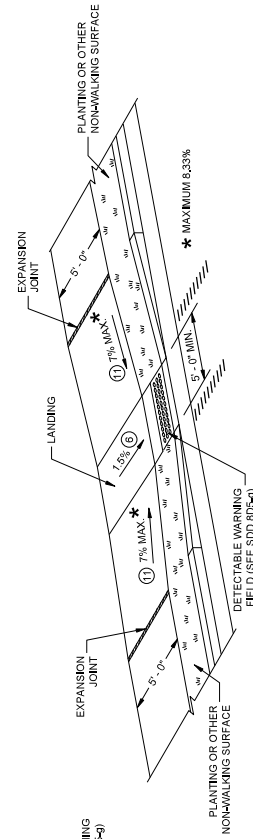
CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES ② AND ③
FOR ALL ISLAND CURB RAMPS

CURR RAMP TYPE 7B

MID BLOCK CROSSING



NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

CURB RAMPS

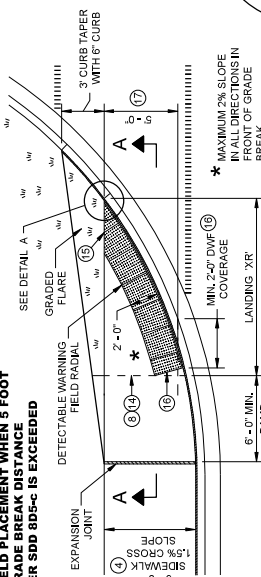
TYPE 5, 6, 7A, 7B & 8

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DEPARTMENT OF TRANSPORTATION

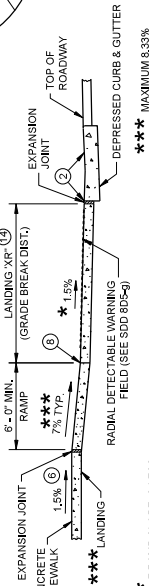


SDD 08D05-f Curb Ramps Radial Detectable Warning Field Applications

**RADIAL DETECTABLE WARNING
FIELD PLACEMENT WHEN 5 FOOT
GRADE BREAK DISTANCE
PER SDD 805-c IS EXCEEDED**



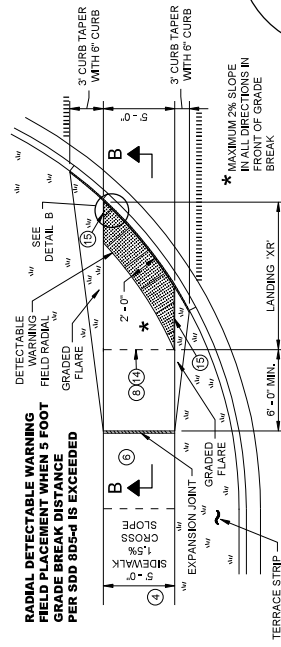
**PLAN VIEW
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**



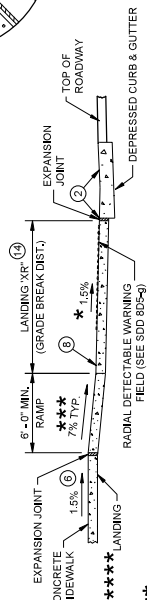
IF RAMP SLOPE IS LESS
THAN 5.0%, THEN NO
LANDING IS REQUIRED

SECTION A - A FOR TYPE 4A1

**RADIAL DETECTABLE WARNING
FIELD PLACEMENT WHEN 5 FOOT
GRADE BREAK DISTANCE
PER SDD 805-d IS EXCEEDED**



**PLAN VIEW
CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**



IF RAMP SLOPE IS LESS
THAN 5.0%, THEN NO
LANDING IS REQUIRED

SECTION B - B FOR TYPE 4B1

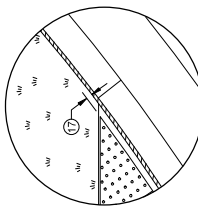
LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

1. AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
2. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
3. APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS, TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.
4. REFER TO SDD 805-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.
5. FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.
6. DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AT ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.
7. GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE FOR THE ENTIRE RAMP. PROVIDE LONGITUDINAL DRAINAGE FOR THE ENTIRE RAMP. PROVIDE LONGITUDINAL DRAINAGE FOR THE ENTIRE RAMP. PROVIDE LONGITUDINAL DRAINAGE FOR THE ENTIRE RAMP.
8. AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
9. 45.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
10. PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
11. PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
12. CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION 'XR') REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.
13. FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/2" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
14. USE 1" X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.
15. A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

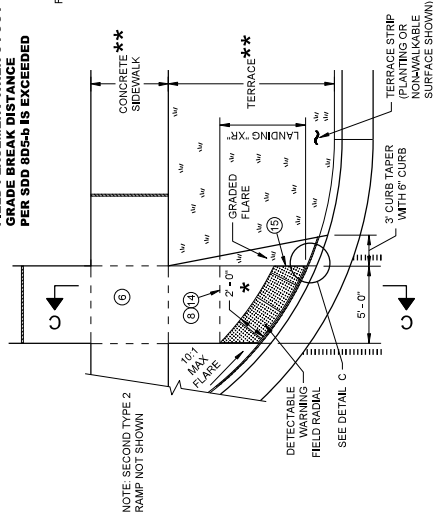
DETAIL A



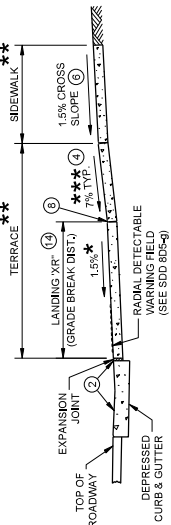
PLAN VIEW

**CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)**

**RADIAL DETECTABLE WARNING
FIELD PLACEMENT WHEN 5 FOOT
GRADE BREAK DISTANCE
PER SDD 805-b IS EXCEEDED**

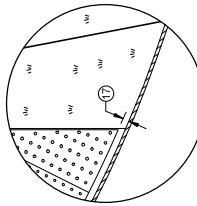


SECTION C - C FOR TYPE 2



- ***** MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ***** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ***** MAXIMUM 8.33%

DETAIL C

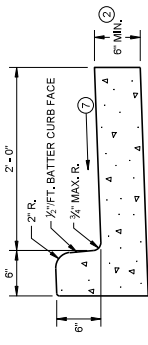


**CURB RAMPS
RADIAL DETECTABLE WARNING
FIELD APPLICATIONS**

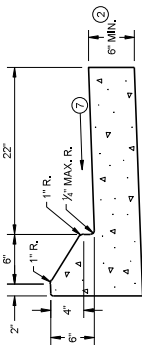
STATE OF WISCONSIN
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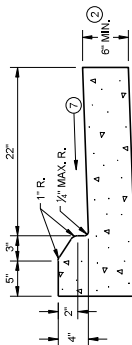
SDD 08D01-a Concrete Curb and Gutter



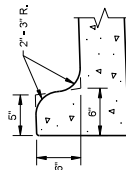
TYPES A^① & D



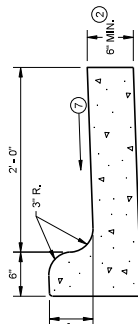
6" SLOPED CURB TYPES G^① & J



4" SLOPED CURB TYPES K^① & L

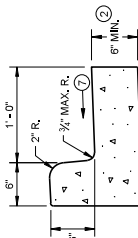


TYPES K^① & L
(OPTIONAL CURB SHAPE)



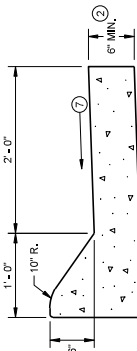
TYPES R^① & T

CONCRETE CURB AND GUTTER 30"

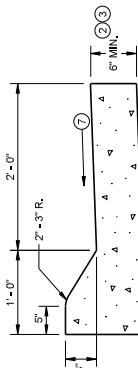


TYPES A^① & D

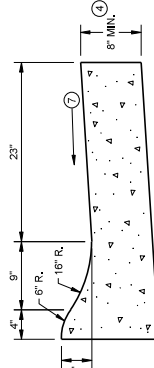
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A^① & D



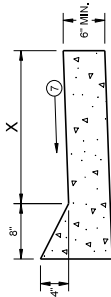
4" SLOPED CURB TYPES A^① & D



4" SLOPED CURB TYPES R^① & T

CONCRETE CURB AND GUTTER 36"

TBT & TBT	X
30"	22"
36"	28"

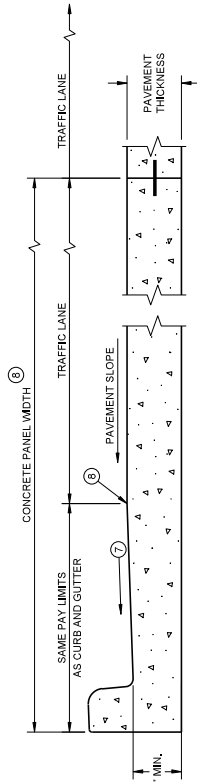


TYPES TBT & TBT

CONCRETE CURB AND GUTTER

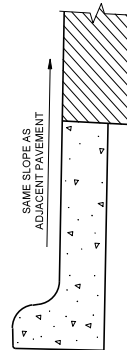
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER^⑥
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

- 1 THE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBT.
- 2 THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 3 USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
- 4 THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 5 THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- 6 WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
- 7 USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
- 8 INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS 12' FOR PAVEMENT THICKNESS LESS THAN 10". JOINTS AND TIE BARS IN (S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

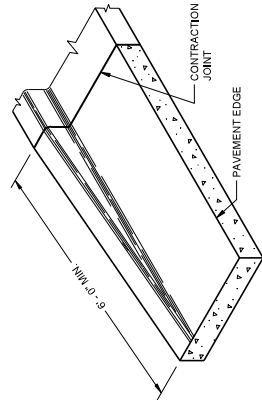


SDD 08D01-b Concrete Gutter, Ties, and Curb and Gutter Applications

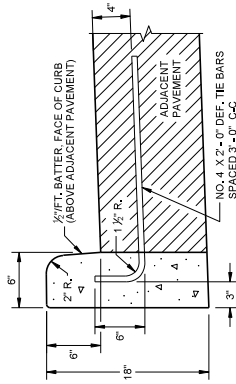
GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

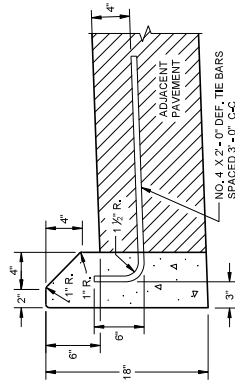
- 1 TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBT.
- 2 THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 3 REFER TO SDD 08D01B AND 08D019 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



END SECTION CURB AND GUTTER

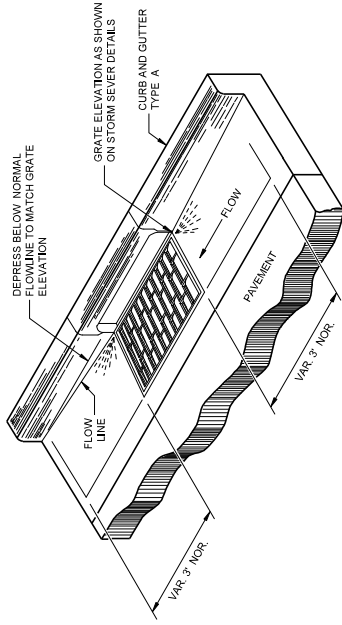


TYPES A¹ & D

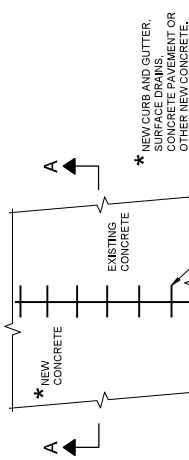


TYPES G¹ & J

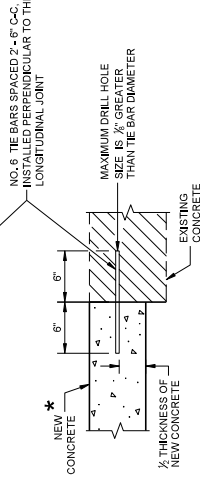
CONCRETE CURB



DETAIL OF CURB AND GUTTER AT INLETS (TYPICAL H INLET COVER SHOWN)

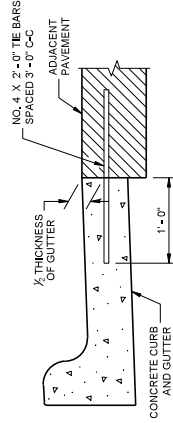


PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION¹



DRIVEWAY ENTRANCE CURB³ (WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2000
DATE
S/ Rodney Taylor
ROADWAY STRUCTURES DEVELOPMENT
ENGINEER

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