NEL DECEMBER 2017

PROJECT ID: 4984-01-74

WITH: N/A

COUNTY: OUTAGAMIE

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 = 508

16

N

DESIGN DESIGNATION

		S ONEIDA ST	CALUMET ST
A.A.D.T.	2018	= 19,500	12,200
A.A.D.T.	2038	= 20,200	13,200
D.H.V.		= 2,320	1,570
D.D.		= 59/41	59/41
T.		= 5.5%	3.4%
DESIGN SPEED		= 35 MPH	35 MPH
ESALS		= 3,700,000	1,300,00

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
FENCE
GUARD RAIL
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) — ROCK
MARSH AREA
WOODED OR SHRUB AREA
STREAM OR WATER EDGE
BUSH
PINE TREE (SIZE)
TREE (SIZE)
TRAFFIC SIGNAL CONTROL CABINET
TRAFFIC SIGNAL
TRAFFIC SIGNAL MAST-ARM
TRAFFIC SIGNAL WITH LIGHT
EXISTING PULL BOX
BOLLARD

COMBUSTIBLE FLUIDS — CAUTION
UNDERGROUND UTILITIES
GAS — (SIZE) G
SANITARY SEWER — (SIZE) SAN
STORM SEWER — (SIZE) SS
WATER — (SIZE) W
ELECTRIC — E
TELEPHONE — T
FIBER OPTIC — FO
CABLE TELEVISION — TV
FORCE MAIN — FM
MANHOLE — MH
UTILITY PEDESTAL
FIBER OPTIC HAND HOLE — HH
POWER POLE
TELEPHONE POLE
RAILROAD
HYDRANT
LIGHT POLE
RAILROAD SIGNAL
SIGN
TRANSMISSION TOWER
VALVE — (TYPE)
CURB STOP — CS
EXISTING CULVERT — (SIZE, TYPE)
PROPOSED CULVERT (Box or Pipe)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C APPLETON, ONEIDA STREET

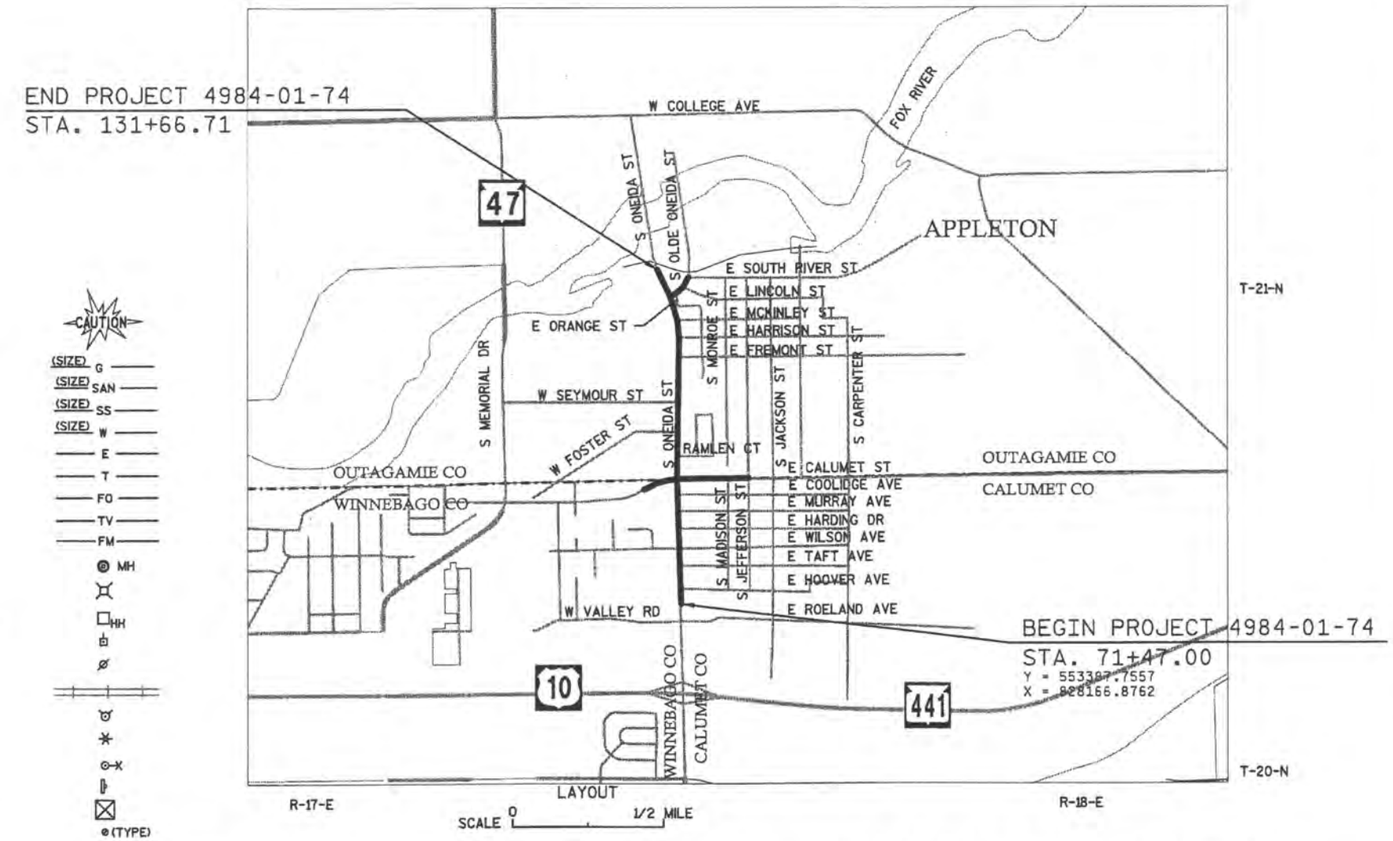
VALLEY ROAD TO SKYLINE BRIDGE

LOCAL STREET

OUTAGAMIE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4984-01-74	WISC 2018015	1

STATE PROJECT NUMBER
4984-01-74



TOTAL NET LENGTH OF CENTERLINE = 1.140 MILES

COORDINATES ON THIS PLAN ARE REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM, OUTAGAMIE COUNTY, NAD 83 (2007).

VERTICAL DATUM - NAVD 88 (2007)

ACCEPTED FOR

CITY of APPLETON

7/14/17 (Date)

Mark A Lahay (Signature)

Asst City Engineer (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY

R.A. Smith National

Beyond Surveying and Engineering

WISCONSIN BRAD E. SEVERSON 39758 APPLETON WI PROFESSIONAL ENGINEER

7/14/17 (Date)

(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor: R.A. SMITH NATIONAL/CITY OF APPLETON

Designer: R.A. SMITH NATIONAL

Management Consultant: JT ENGINEERING INC.

APPROVED FOR THE DEPARTMENT

DATE: 7/24/17

Management Consultant Signature

E

GENERAL NOTES

1 THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS IN THE AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK.

2 THE EXACT LOCATION OF PRIVATE ENTRANCES AND DRIVEWAYS IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

3 REMOVAL OF ANY MESH OR REINFORCEMENT IN THE EXISTING CONCRETE PAVEMENT SHALL BE INCIDENTAL TO REMOVING PAVEMENT.

4 PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS AND PROVIDE DOCUMENTATION TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS.

5 ASPHALTIC SURFACE PAVEMENT LAYER INFORMATION:

THICKNESS	LAYERS	MIX SPECIFICATIONS
5-INCH	ONE 2" UPPER LAYER ONE 3" LOWER LAYER	ASPHALTIC SURFACE ASPHALTIC SURFACE

6 PORTIONS OF EXISTING CONCRETE PAVEMENT WERE REMOVED AND REPLACED WITH 3" OF TEMPORARY ASPHALT WITH THE CITY OF APPLETON'S 2017 SEWER PROJECT. REMOVING PAVEMENT QUANTITIES ARE BASED ON ASSUMPTIONS MADE OF THESE REPLACEMENT AREAS.

ORDER OF SECTION 2 SHEETS

Project Overview
Typical Sections
Construction Details
Curb Ramp Details
Paving Details
Erosion Control
Storm Sewer
Signing
Lighting
Traffic Signals
Pavement Marking
Traffic Control and Construction Staging
Detour

2

UTILITY CONTACTS

TDS Telecom
Tim Smith
Suite 218A
10 College Ave
Appleton, WI 54911
920-655-8747
tim.smith@tdstelecom.com

Teleport Communications America (AT&T Metro)
Don Dietsch
7711 N Port Washington Rd.
Milwaukee, WI 53217
414-751-7209
Cell: 414-522-0112
ddietsch@kapur-assoc.com

Village of Fox Crossing – Sewer
Mark Schmitt
2340 American Dr
Neenah, WI 54956
920-419-3874
mschmitt@foxcrossingwi.gov

City of Appleton - Water
Erick Cardew
100 N Appleton Street
Appleton, WI 54911
920-419-6214
erick.cardew@appleton.org

AT&T
Joseph Kassab
205 S Jefferson St
Green Bay, WI 54301
920-433-4200 Cell: 920-202-4002
jk572k@att.com

Charter Communications Operating LLC
Vince Albin
3520 E. Destination Dr
Appleton, WI 54915
920-831-9249 Cell: 920-378-0444
vince.albin@charter.com

Village of Fox Crossing – Water
Greg Johnson
2340 American Dr
Neenah, WI 54956
920-419-3867
gjohnson@foxcrossingwi.gov

City of Appleton - Sewer
Mark Kilheffer
100 N Appleton Street
Appleton, WI 54911
920-832-6327
mark.kilheffer@appleton.org

We Energies - Electric
Steve Armstrong
800 S. Lynndale Drive
Appleton, WI 54912-1699
920-380-3563
steven.armstrong@we-energies.com

US Signal
Rob Fisher
7020 South Belt Drive SE
Caledonia, MI 49316
616-988-5319 Cell: 616-862-7102
rfisher@tkns.net

Level 3 Communications
Brahim Gaddour
3235 InterTech Drive, Suite 600
Brookfield, WI 53045-5140
414-908-1027
Cell: 414-704-1026

City of Appleton - Signals and Lighting
Michael Hardy
2625 E Glendale Ave
Appleton, WI 54911
920-832-5580
michael.hardy@appleton.org

Appleton Area Metropolitan Fiber Optic Network
Dennis LaFave
1700 Industrial Dr.
Green Bay, WI 54302
Cell: 920-619-9774
dlafave@mi-tech.us

We Energies - Gas
Cody Beckman
800 S Lynndale Drive
Appleton, WI 54914
920-380-3422 Cell: 920-428-1038
cody.beckman@we-energies.com

DNR LIAISON

Wisconsin Department of Natural Resources
DNR Northeast Regional Headquarters
2984 Shawano Ave
Green Bay, WI 54313
Matt Schaeve
(920) 366-1544
matthew.schaeve@wisconsin.gov

2

LEGEND

CONTAMINATED GROUNDWATER MANAGEMENT ZONE

CONTAMINATED SOIL MANAGEMENT ZONE

CITY OF APPLETON

TOWN OF MENASHA

CITY OF APPLETON

WINNEBAGO CO

CALUMET CO

OUTAGAMIE CO

N

W VALLEY RD

W WILSON AVE

CALUMET ST

MATCH WISDOT PROJECT ID 1517-75-83

ONEIDA STREET C/L

TRAFFIC SIGNALS (TO BE INSTALLED BY OTHERS)

ONE-WAY STOP CONTROLLED

TRAFFIC SIGNALS

TWO-WAY STOP CONTROLLED

ONE-WAY STOP CONTROLLED

TRAFFIC SIGNALS

ONE-WAY STOP CONTROLLED

S ONEIDA ST

65 70 75 80 85 90 95 100

MATCHLINE STA 100+00

E ROELAND AVE

E HOOVER AVE

E TAFT AVE

E WILSON AVE

E HARDING DR

E MURRAY AVE

E COOLIDGE AVE

E CALUMET ST

RAMLEN CT

SITE 3

SITE 5

SITE 6

CITY OF APPLETON

CALUMET STREET C/L

S MADISON ST

S JEFFERSON ST

BEGIN PROJECT 4984-01-74

STA. 71+47.00

Y = 553387.7557

X = 828166.8762

CITY OF APPLETON

N

W FOSTER ST

W SEYMOUR ST

PRIVATE DRIVE

SKYLINE BRIDGE B-44-75

FOX RIVER

ONE-WAY STOP CONTROLLED

TRAFFIC SIGNALS

ONEIDA STREET C/L

ONE-WAY STOP CONTROLLED

S ONEIDA ST

0 105 110 115 120 125 130 135

MATCHLINE STA 100+00

END PROJECT 4984-01-74

STA. 131+66.71

E ORANGE ST

ONE-WAY STOP CONTROLLED

S OLDE ONEIDA STREET C/L

S OLDE ONEIDA ST

305

SITE 9

SITE 10

SITE 12

SITE 13

ST ELIZABETH HOSPITAL

PRIVATE DRIVE

E FREMONT ST

E HARRISON ST

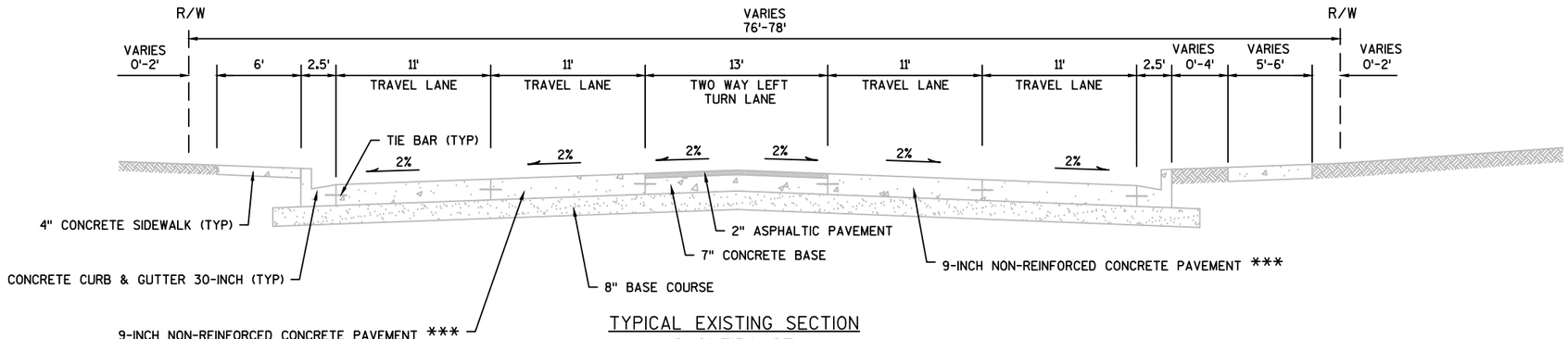
E MCKINLEY ST

E LINCOLN ST

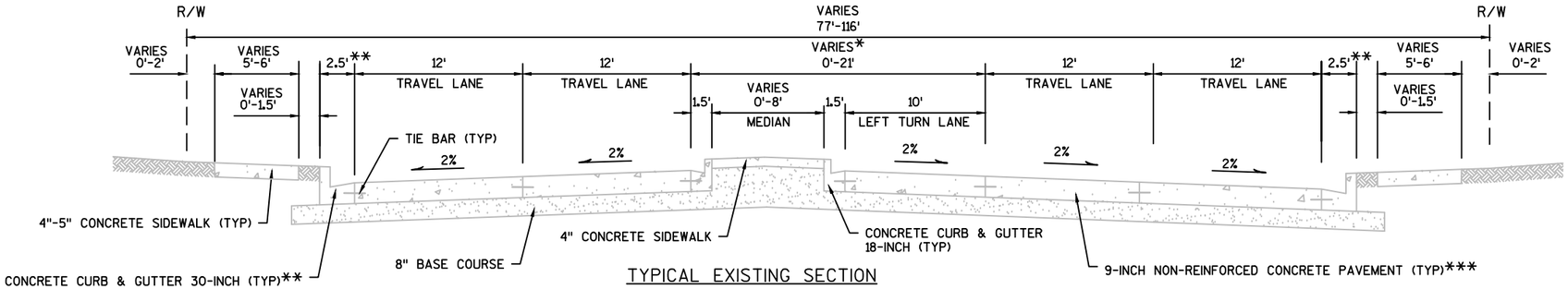
E SOUTH RIVER ST

CITY OF APPLETON

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SCALE, FEET 0 150 300	SHEET 3	E

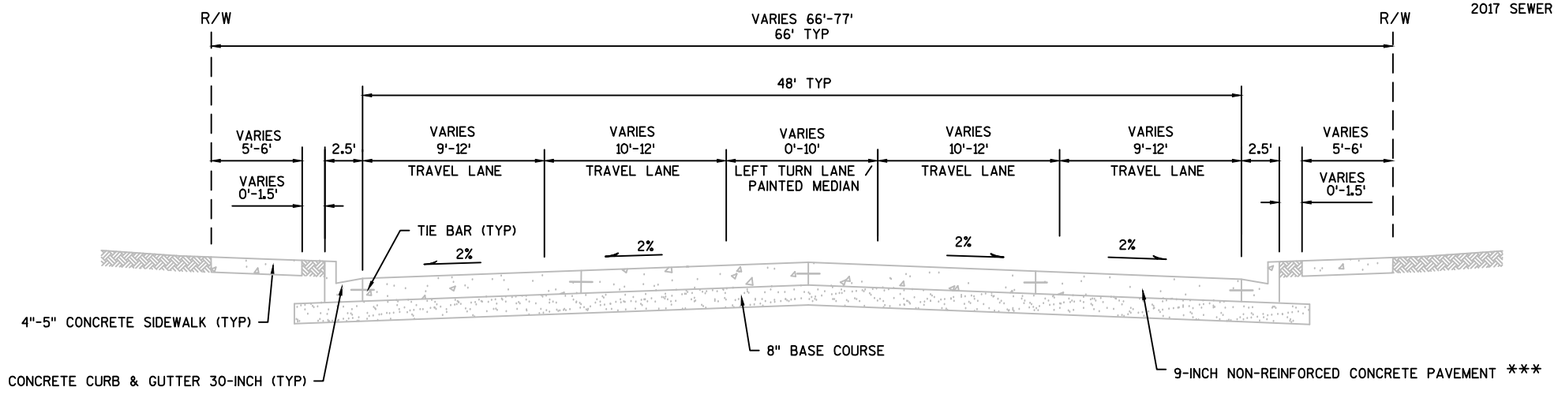


TYPICAL EXISTING SECTION
S ONEIDA ST
W VALLEY RD TO E MURRAY AVE
STA 71+47 TO STA 89+50



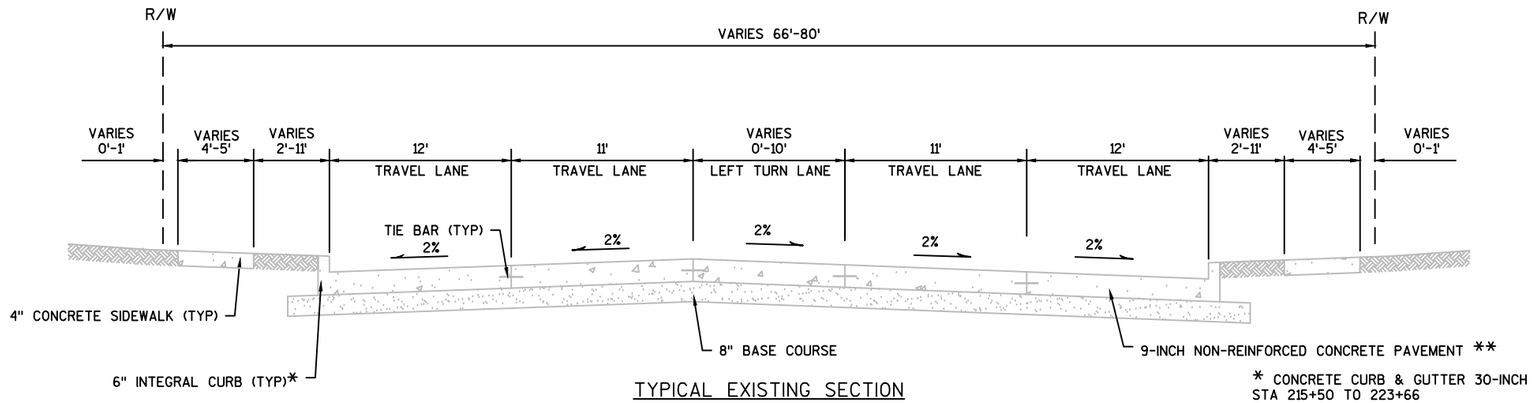
TYPICAL EXISTING SECTION
S ONEIDA ST
E MURRAY AVE TO RAMLEN CT
STA 89+50 TO STA 100+00
E MCKINLEY ST TO SKYLINE BRIDGE
STA 124+00 TO STA 131+66.71

* SB LT LANE IS A MIRROR IMAGE
** 54-INCH CURB & GUTTER FROM S. MCKINLEY ST TO SKYLINE BRIDGE
*** PORTIONS OF CONCRETE PAVEMENT WERE REMOVED AND REPLACED WITH 3" OF TEMPORARY ASPHALT WITH THE CITY OF APPLETON'S 2017 SEWER PROJECT.

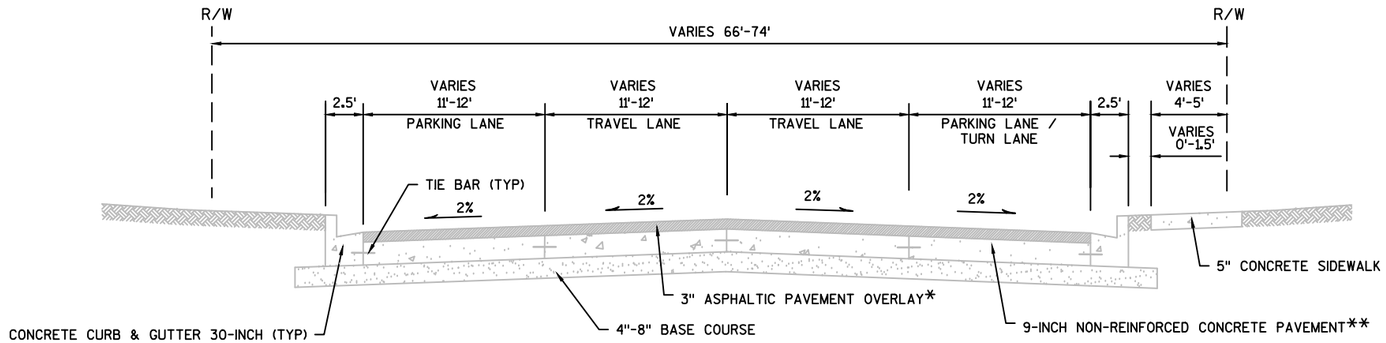


TYPICAL EXISTING SECTION
S ONEIDA ST
RAMLEN CT TO E MCKINLEY ST
STA 100+00 TO STA 124+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TYPICAL EXISTING SECTIONS	SHEET 4	E



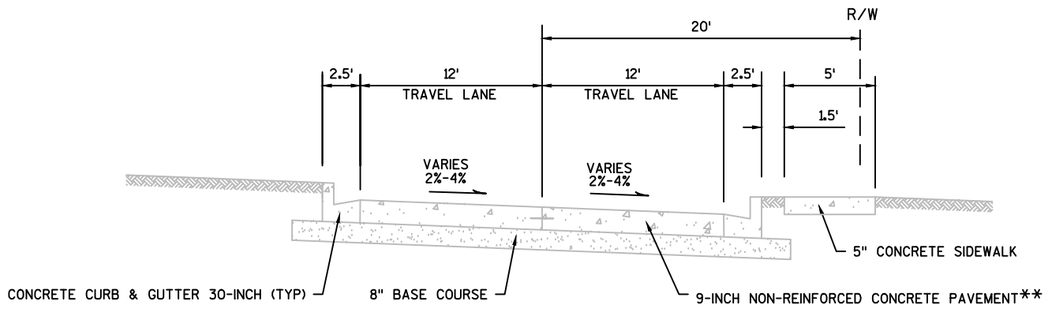
TYPICAL EXISTING SECTION
CALUMET ST
STA 205+47 TO STA 223+66



TYPICAL EXISTING SECTION
S OLDE ONEIDA ST
S ONEIDA ST TO E SOUTH RIVER ST
STA 300+50 TO STA 304+32.73

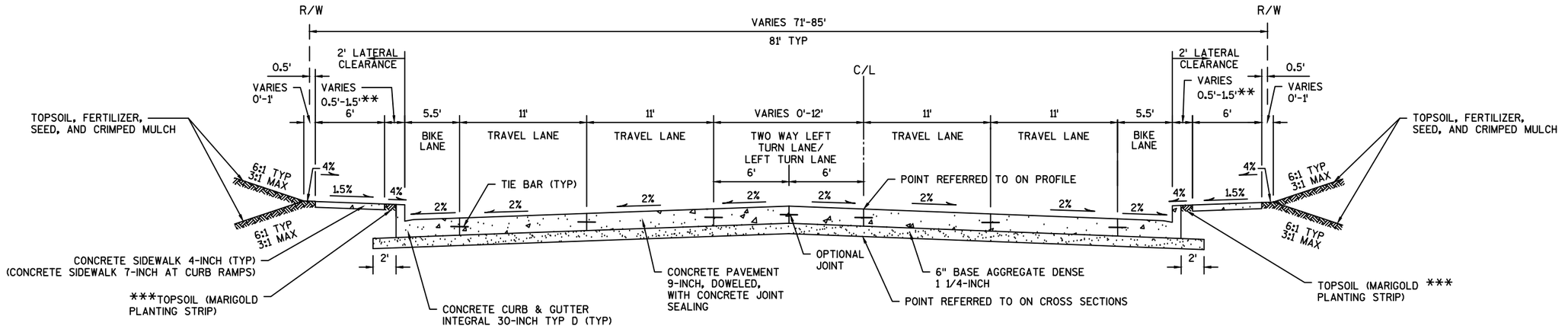
* NO ASPHALTIC OVERLAY FROM S ONIEDA ST TO E LINCOLN ST
STA 300+50 TO STA 302+77

** PORTIONS OF CONCRETE PAVEMENT WERE REMOVED AND REPLACED WITH 3" OF TEMPORARY ASPHALT WITH THE CITY OF APPLETON'S 2017 SEWER PROJECT.



TYPICAL EXISTING SECTION
E ORANGE ST
STA 288+42.60 TO STA 289+50

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TYPICAL EXISTING SECTIONS	SHEET 5	E

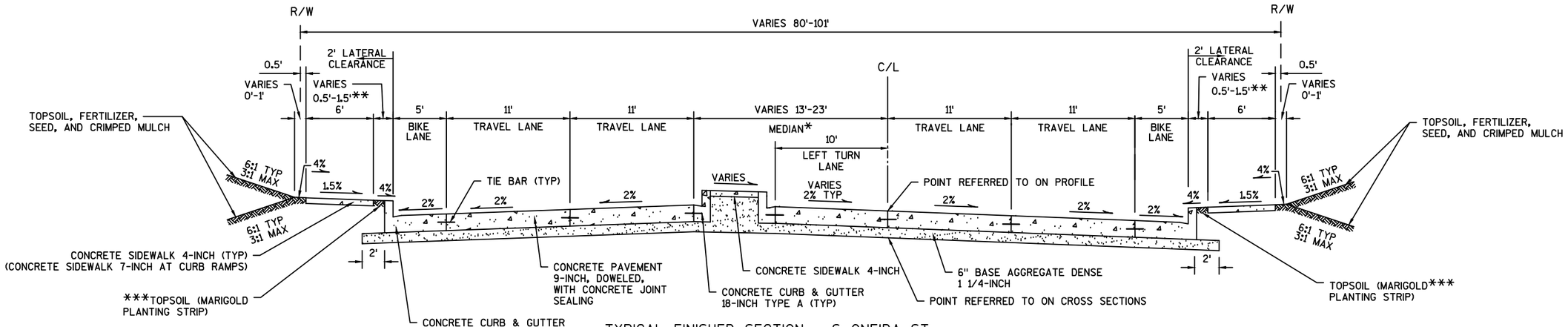


TYPICAL FINISHED SECTION - S ONEIDA ST

W VALLEY RD TO E MURRAY AVE
STA 71+47 TO STA 89+77

RAMLEN CT TO E MCKINLEY ST
STA 99+00 TO STA 123+40

** 0.5' FROM W VALLEY RD TO E MURRAY AVE
1.5' FROM RAMLEN CT TO E MCKINLEY ST



TYPICAL FINISHED SECTION - S ONEIDA ST

E MURRAY AVE TO RAMLEN CT
STA 89+77 TO STA 99+00

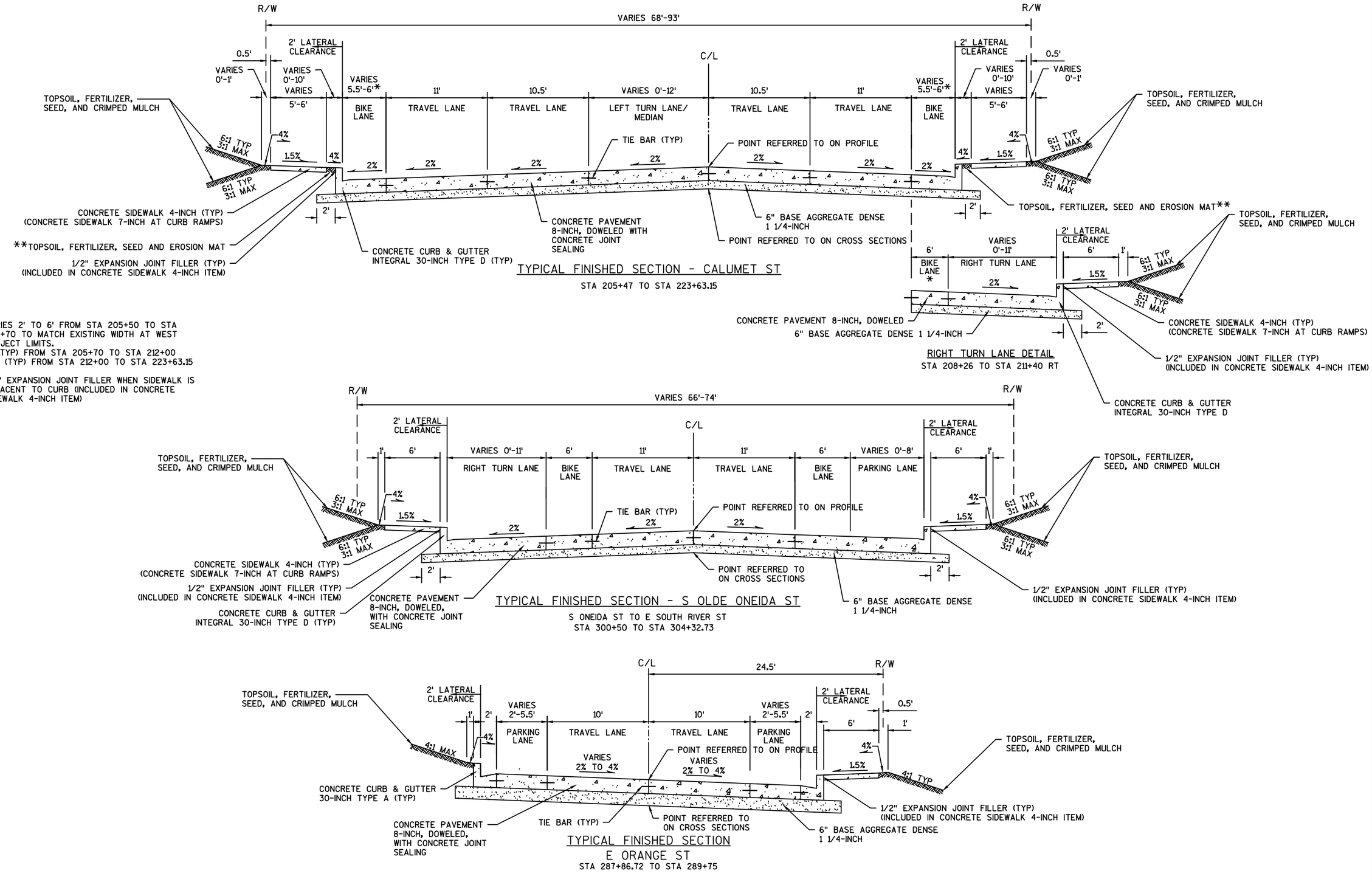
E MCKINLEY ST TO SKYLINE BRIDGE
STA 123+40 TO STA 131+66.71

* SB LEFT TURN LANE IS A MIRROR IMAGE

** 0.5' FROM E MURRAY AVE TO CALUMET ST
1.5' FROM CALUMET ST TO RAMLEN CT
0.5' FROM E MCKINLEY ST TO SKYLINE BRIDGE

*** 1/2" EXPANSION JOINT FILLER WHEN SIDEWALK IS ADJACENT TO CURB (INCLUDED IN CONCRETE SIDEWALK 4-INCH ITEM)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TYPICAL FINISHED SECTIONS	SHEET 6	E



TYPICAL FINISHED SECTION - CALUMET ST

STA 205+47 TO STA 223+63.15

RIGHT TURN LANE DETAIL

STA 208+26 TO STA 211+40 RT

* VARIES 2' TO 6' FROM STA 205+50 TO STA 205+70 TO MATCH EXISTING WIDTH AT WEST PROJECT LIMITS.
6' (TYP) FROM STA 205+70 TO STA 212+00
5.5' (TYP) FROM STA 212+00 TO STA 223+63.15

** 1/2" EXPANSION JOINT FILLER WHEN SIDEWALK IS ADJACENT TO CURB (INCLUDED IN CONCRETE SIDEWALK 4-INCH ITEM)

TYPICAL FINISHED SECTION - S OLDE ONEIDA ST

S ONEIDA ST TO E SOUTH RIVER ST
STA 300+50 TO STA 304+32.73

TYPICAL FINISHED SECTION

E ORANGE ST

STA 287+86.72 TO STA 289+75

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TYPICAL FINISHED SECTIONS	SHEET 7	E

2

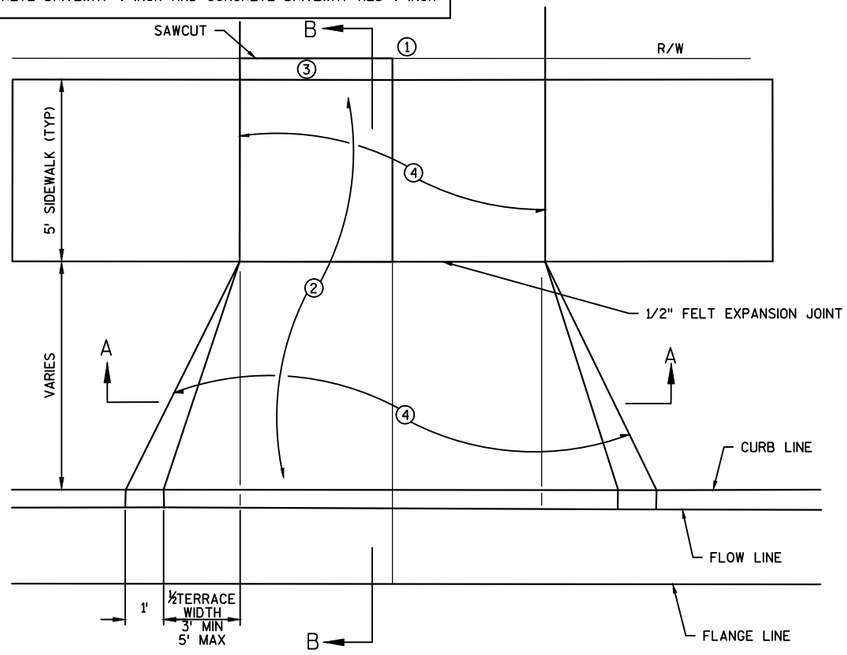
NOTES:

① DRIVEWAY WIDTHS:
MATCH EXISTING, 12' MIN.

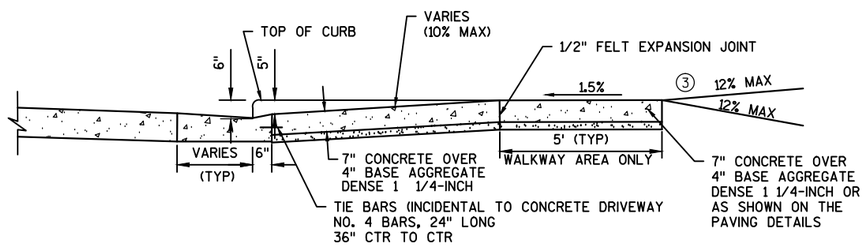
② ALL DRIVEWAY APPROACHES SHALL BE 7"
CONCRETE ON 4" BASE AGGREGATE DENSE 1 1/4-INCH,
UNLESS NOTED OTHERWISE ON PAVING DETAILS.

③ DRIVEWAY SURFACE BEYOND SIDEWALK SHALL
BE REPLACED IN-KIND WITH A MINIMUM SECTION OF:
3" ASPHALTIC SURFACE DRIVEWAYS OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH
OR
CONCRETE DRIVEWAY 7-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH.
OR
CONCRETE DRIVEWAY HES 7-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH.
OR
6" BASE AGGREGATE DENSE 3/4-INCH.

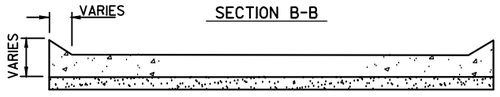
④ PAY LIMITS OF CONCRETE DRIVEWAY 7-INCH AND CONCRETE DRIVEWAY HES 7-INCH



PLAN VIEW



SECTION B-B



SECTION A-A

URBAN CONCRETE DRIVEWAY DETAIL

FOR TERRACE WIDTHS OVER 2'
CALUMET ST STA 205+95 LT/RT

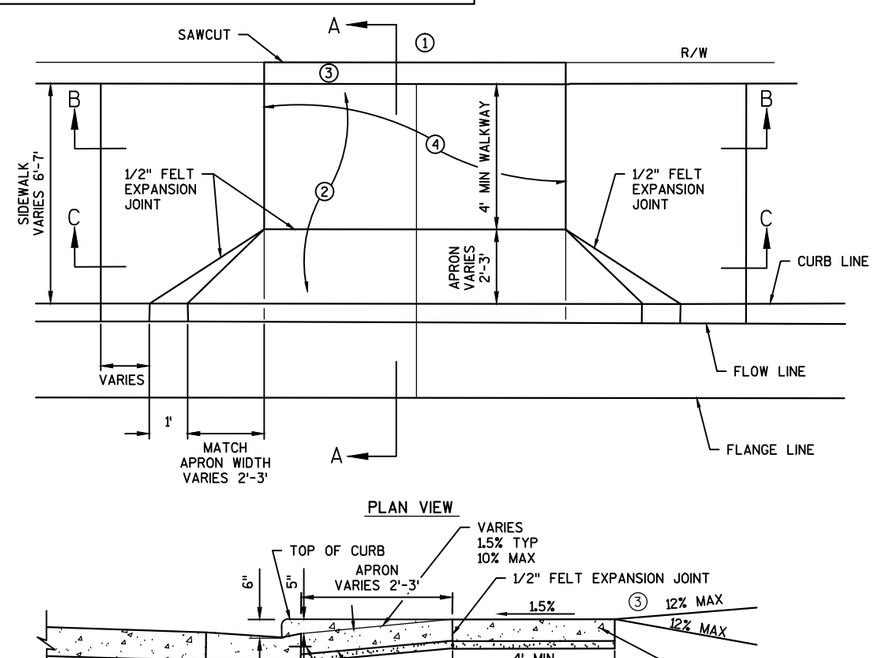
NOTES:

① DRIVEWAY WIDTHS:
MATCH EXISTING, 12' MIN.

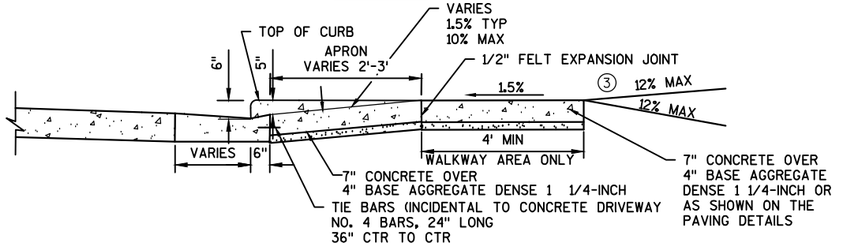
② ALL DRIVEWAY APPROACHES SHALL BE 7"
CONCRETE ON 4" BASE AGGREGATE DENSE 1 1/4-INCH,
UNLESS NOTED OTHERWISE ON PAVING DETAILS.

③ DRIVEWAY SURFACE BEYOND SIDEWALK SHALL
BE REPLACED IN-KIND WITH A MINIMUM SECTION OF:
3" ASPHALTIC SURFACE DRIVEWAYS OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH
OR
CONCRETE DRIVEWAY 7-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH.
OR
CONCRETE DRIVEWAY HES 7-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH.
OR
6" BASE AGGREGATE DENSE 3/4-INCH.

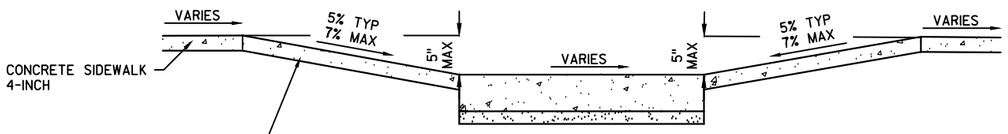
④ PAY LIMITS OF CONCRETE DRIVEWAY 7-INCH AND CONCRETE DRIVEWAY HES 7-INCH



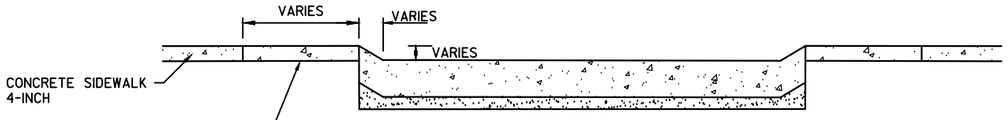
PLAN VIEW



SECTION A-A



SECTION B-B

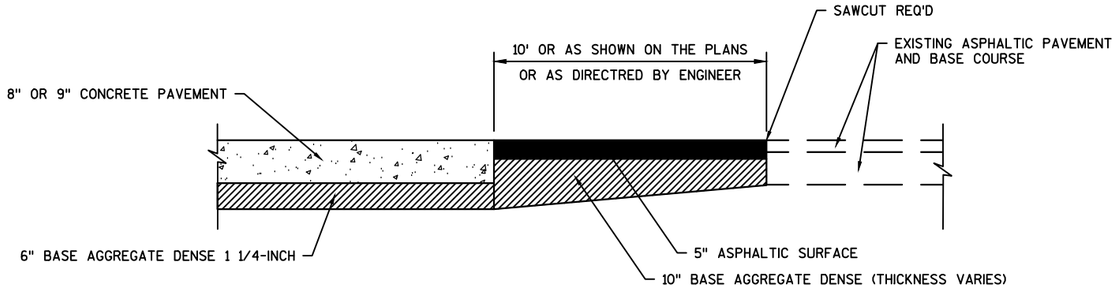


SECTION C-C

URBAN CONCRETE DRIVEWAY DETAIL

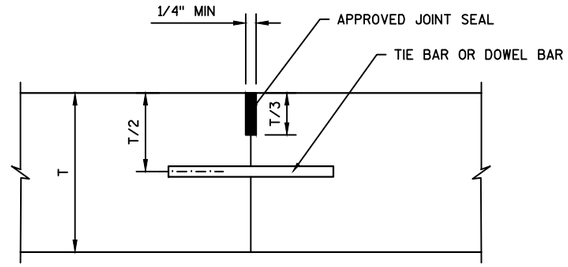
FOR 0' TO 1.5' TERRACE WIDTHS

2

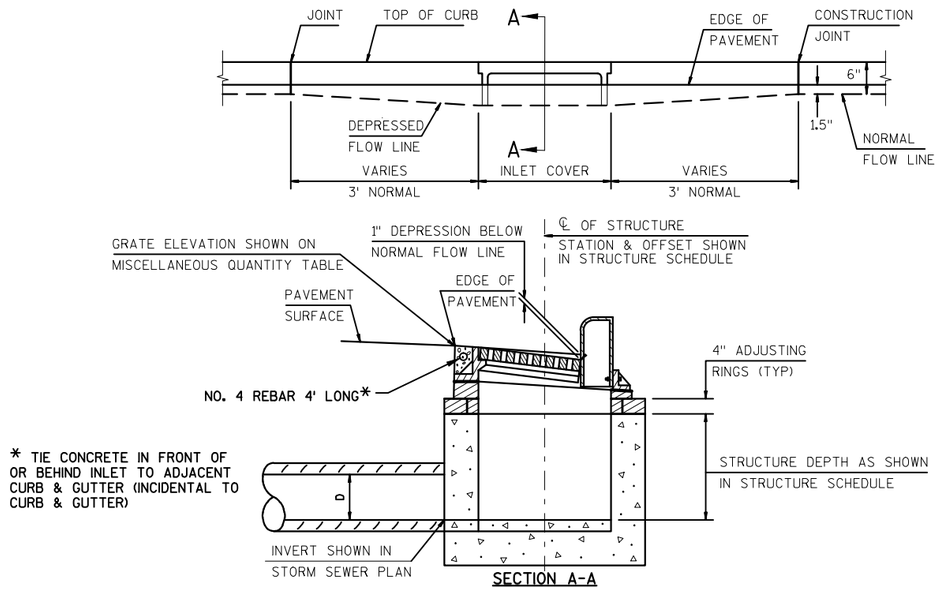


PAVEMENT TRANSITION AT EXISTING ASPHALTIC PAVEMENT MATCH POINTS

E WILSON AVE	HOSPITAL ENTRANCE
W WILSON AVE	E HARRISON ST
E HARDING DR	E MCKINLEY ST
E MURRAY AVE	S MADISON ST
E COOLIDGE AVE	E LINCOLN ST

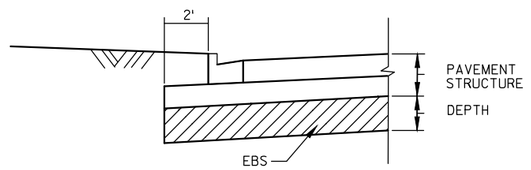


CONCRETE JOINT SEALING



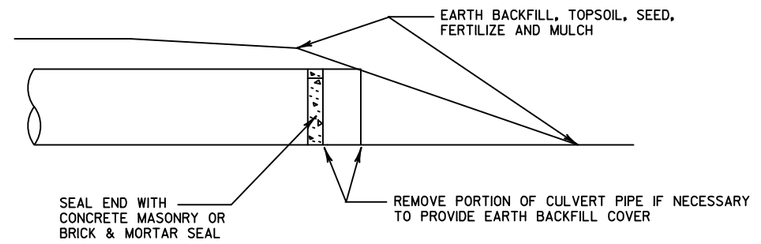
SECTION A-A

DETAIL OF CURB AND GUTTER AT INLETS



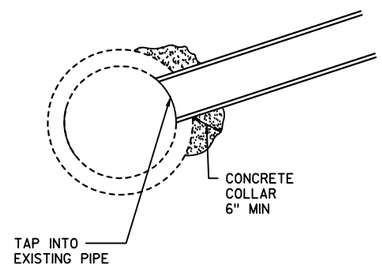
NOTES:
1. USE AS DIRECTED BY ENGINEER FOR AREAS OF UNSTABLE SUBGRADE.
2. EBS SHALL BE PAID FOR AS EXCAVATION COMMON.
3. FILL VOID WITH BASE AGGREGATE DENSE 3-INCH

EXCAVATION BELOW SUBGRADE (EBS)



SEALING PIPE

CALUMET STREET
STA 208+50 LT



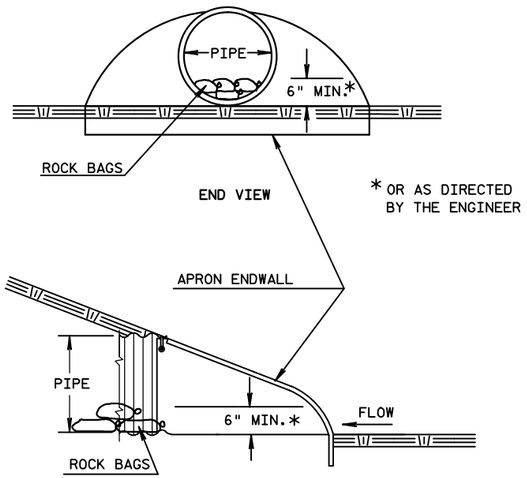
CONCRETE COLLAR FOR PIPE DETAIL

CALUMET STREET
STA 210+98, 5' LT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET 9	E

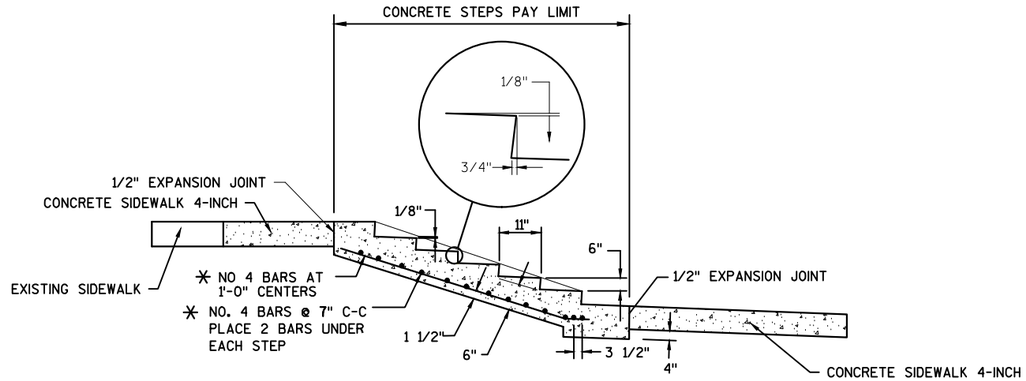
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .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 = 17 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 18 ACRES

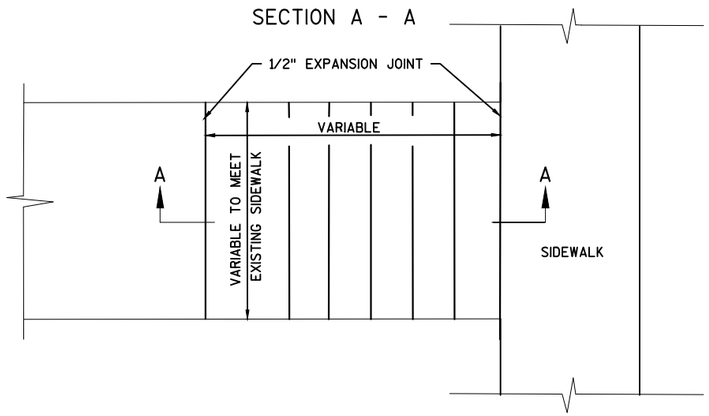


CULVERT PIPE CHECKS

CALUMET STREET
STA 208+50 LT

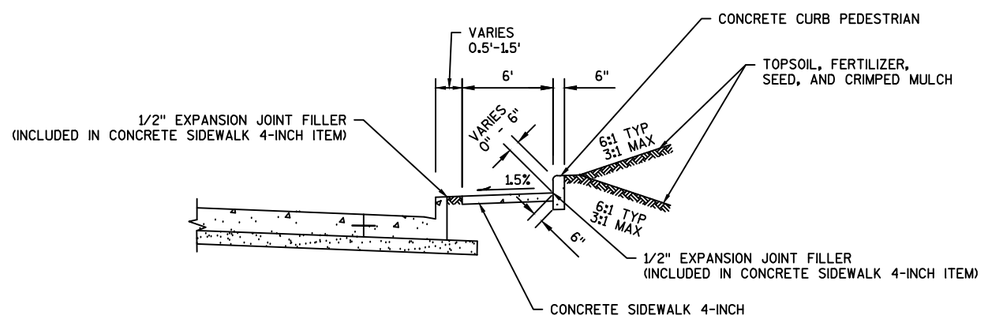


* BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 1 1/2" CLEAR



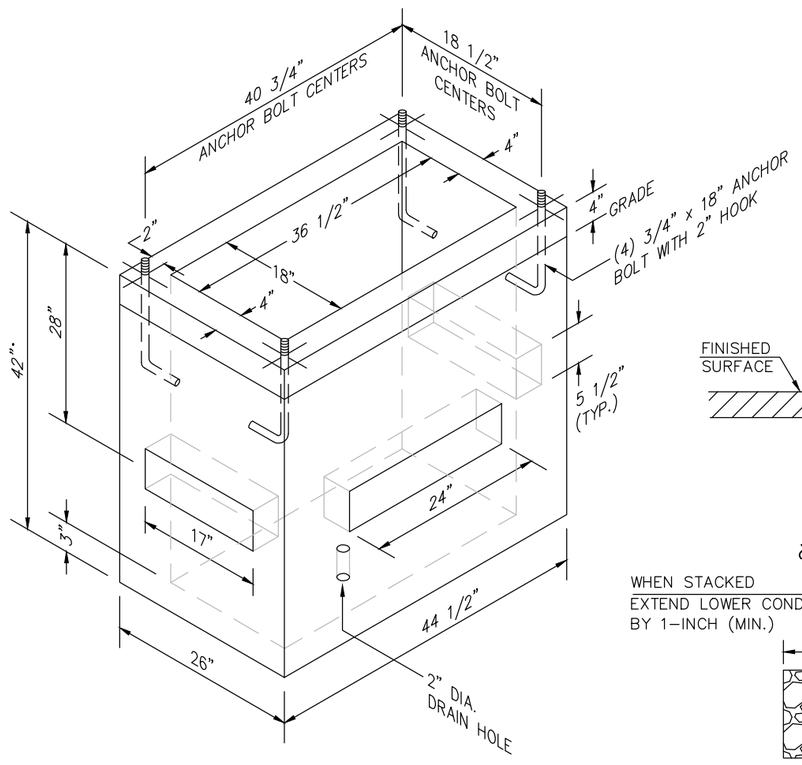
TYPICAL DETAIL OF CONCRETE STEPS

STA 112+57 LT - 1 STEP
STA 118+02 LT - 2 STEPS
STA 118+69 LT - 2 STEPS

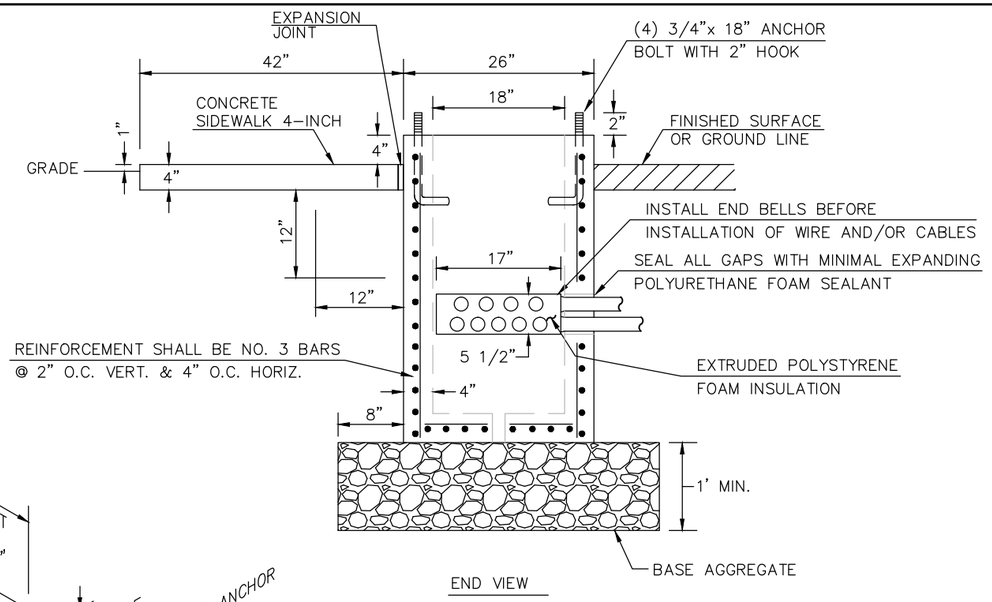


CONCRETE CURB PEDESTRIAN DETAIL

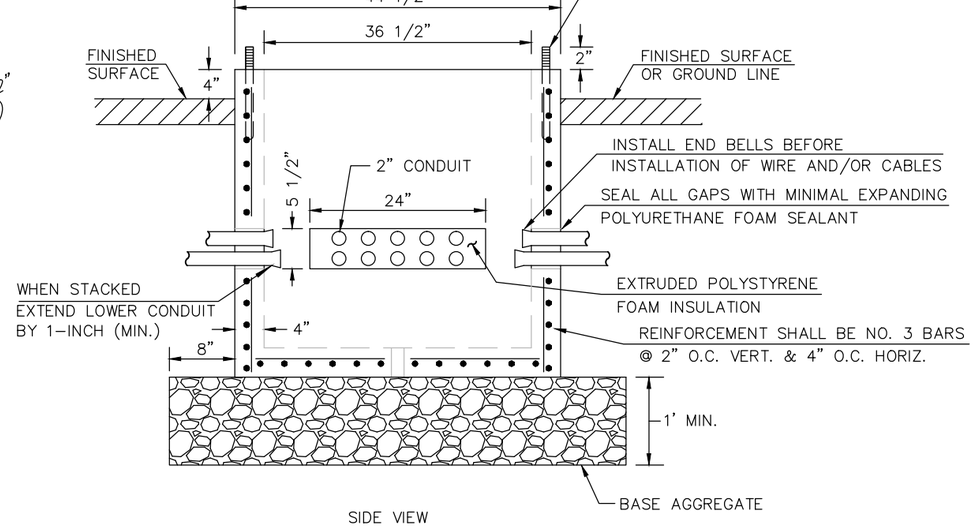
SEE PAVING DETAILS FOR LOCATIONS



ISOMETRIC VIEW



END VIEW



SIDE VIEW

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

CONDUITS SHALL EXTEND BEYOND FACE OF CONCRETE WALL 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND BE LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

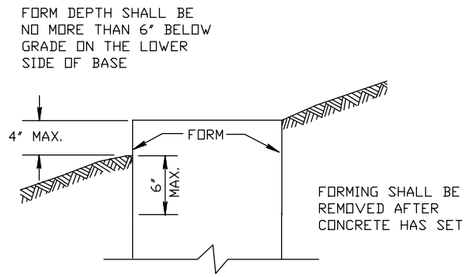
PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE CONCRETE BASE WALLS SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

A 2 INCH DIAMETER DRAIN HOLE IS REQUIRED AT THE BOTTOM OF THE BASE.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE WALL OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

BASES CABINET BASEMENT (PRECAST)



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE	
	1	A
APPROX. CUBIC YARDS OF CONCRETE	0.40	1.4
LBS. OF HOOP BAR STEEL	NONE	27
LBS. OF VERTICAL BAR STEEL	NONE	51

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT AS NOTED.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES, CITY TYPE 1, BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR ALL BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD, ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND 641.2.2 OF THE STANDARD SPECIFICATIONS, ASTM A-449, OR ASTM A-687 (GRADE 105).

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1 :40 FROM VERTICAL PER SECTION 5.17.6.3, AASHTO 2001 4TH EDITION STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

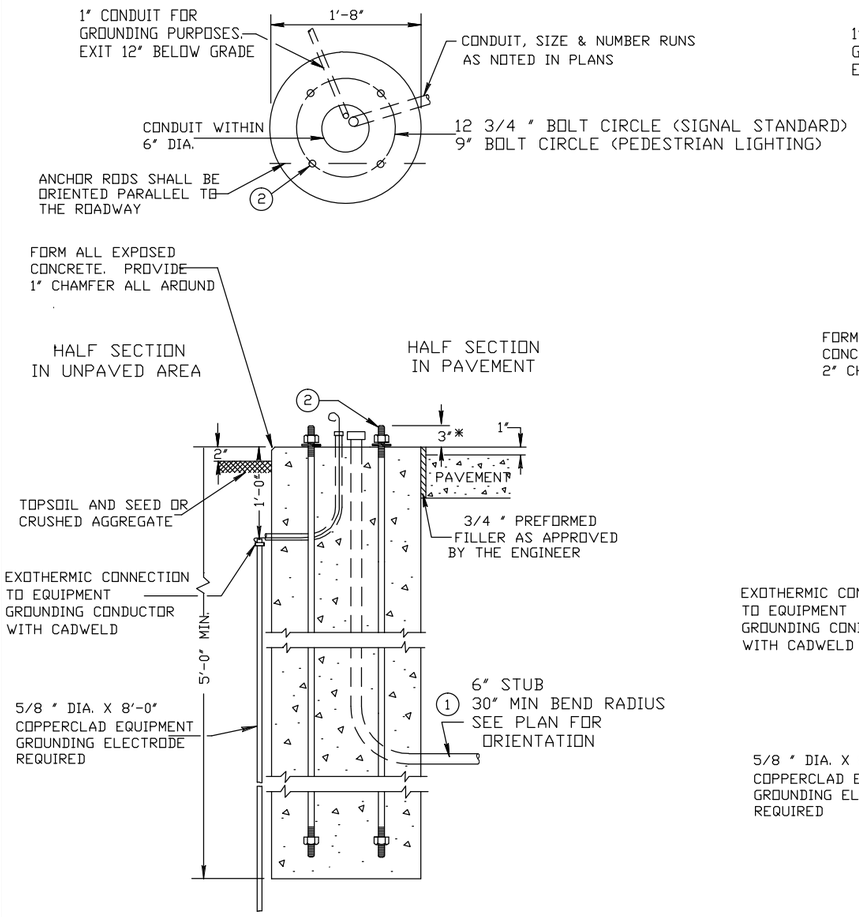
(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 3/4" DIA. X 2'-3" ANCHOR RODS.

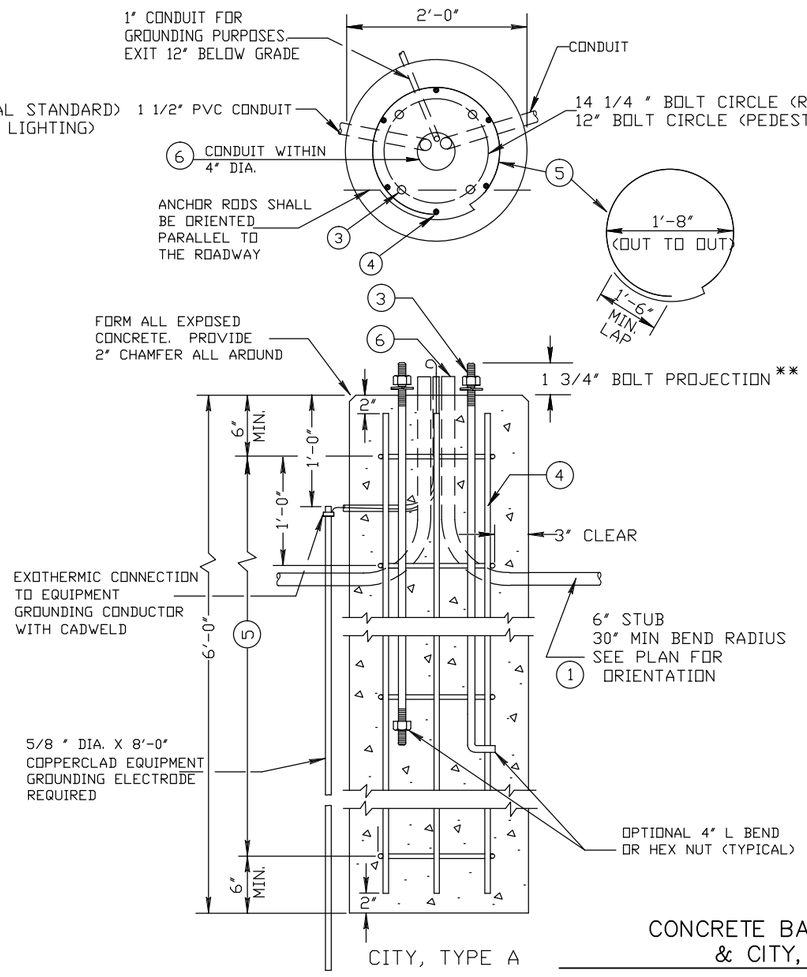
(4) (6) NO. 6 X 5'-8" VERTICAL BAR STEEL REINFORCEMENT

(5) (6) NO. 4 X 6'-9" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

(6) 4" MAX. POLE OPENING, BELL ENDS NOT REQUIRED



CITY, TYPE 1

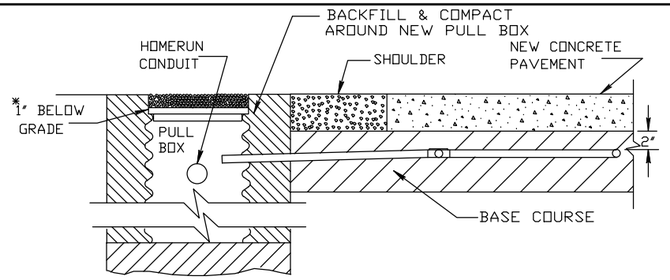


CITY, TYPE A

CONCRETE BASES, CITY, TYPE 1 (BOLT CIRCLE) & CITY, TYPE A (BOLT CIRCLE)

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2 3/4 " OR LONGER THAN 3 1/4 " SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

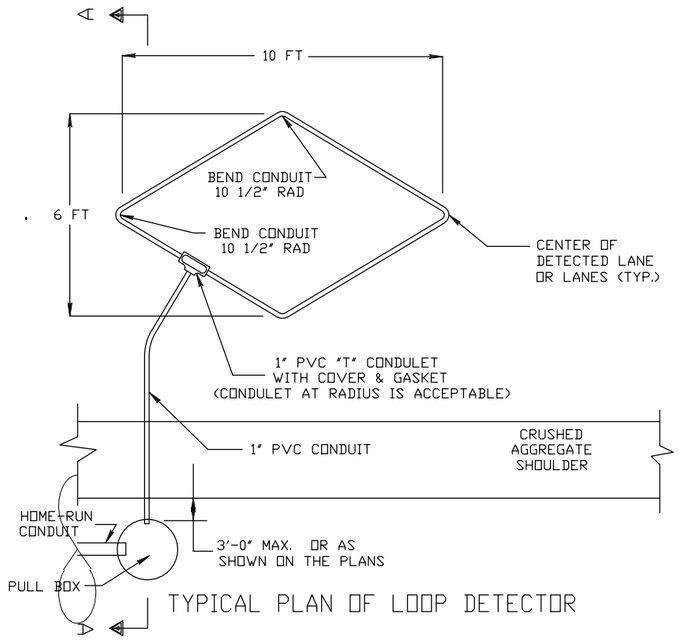
** ANY ANCHOR ROD PROJECTION SHORTER THAN 1 1/2" OR LONGER THAN 2" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.



SECTION A-A
NO CURB & GUTTER

DETECTOR LOOP INSTALLATION DETAIL

* RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER WHEN LOCATED IN AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH CRUSHED AGGREGATE TO BRING THE AREA UP TO FINAL GRADE.



TYPICAL PLAN OF LOOP DETECTOR

GENERAL NOTES:

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER, PER SPLICE KIT INSTRUCTIONS.

SPLICES SHALL BE INSTALLED BY USING AN APPROVED CAST-IN-PLACE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE ENGINEER FOR EVALUATION.

ANTI-SIEZE LUBRICATING MATERIAL SHALL BE USED ON ALL THREADS OF THREADED ASSEMBLIES BEFORE INSTALLATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PROVIDED TO THE ENGINEER OR PLACED IN THE CABINET.

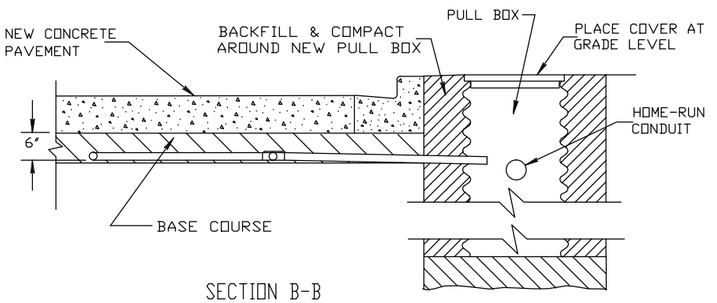
THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL ONLY BE MADE IN ROADSIDE PULL BOXES.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, THRU THE LOOP DETECTOR CONDUIT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE, NON-SPLICED, CONTINUOUS LENGTH.

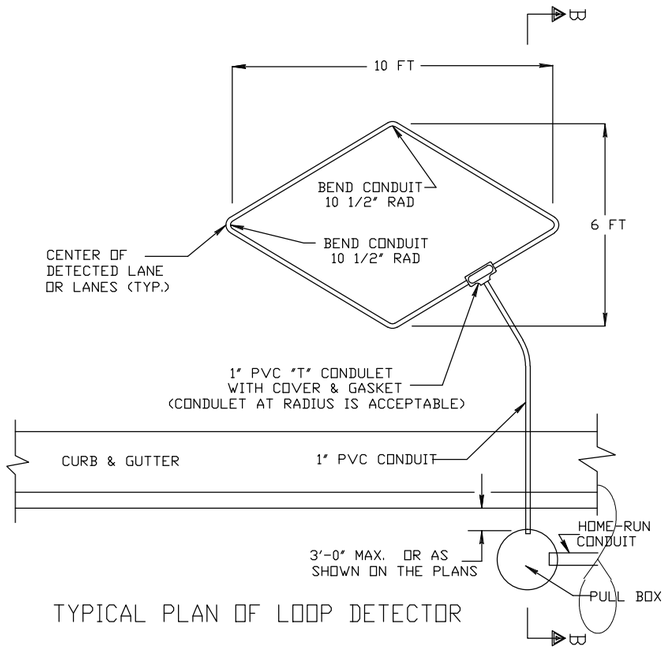
PROTECTION OF THE CONDUIT AND CONDULET SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE PLACEMENT OF THE ASPHALTIC PAVEMENT.

LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW CONCRETE PAVEMENT)

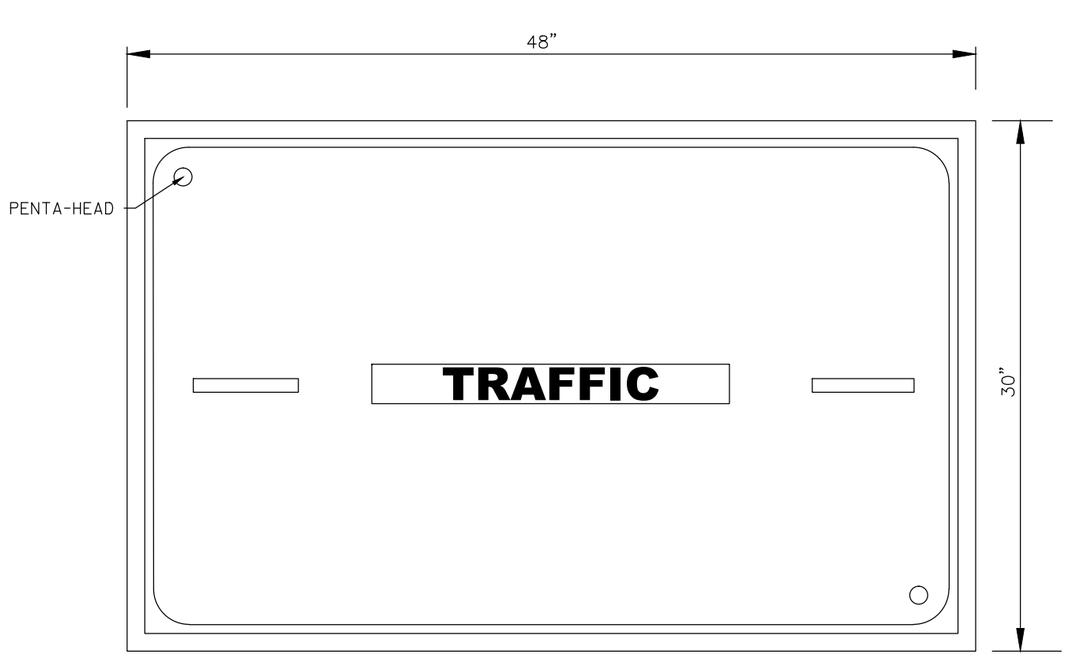


SECTION B-B
CURB & GUTTER

LOOP DETECTOR INSTALLATION DETAIL



TYPICAL PLAN OF LOOP DETECTOR



LID

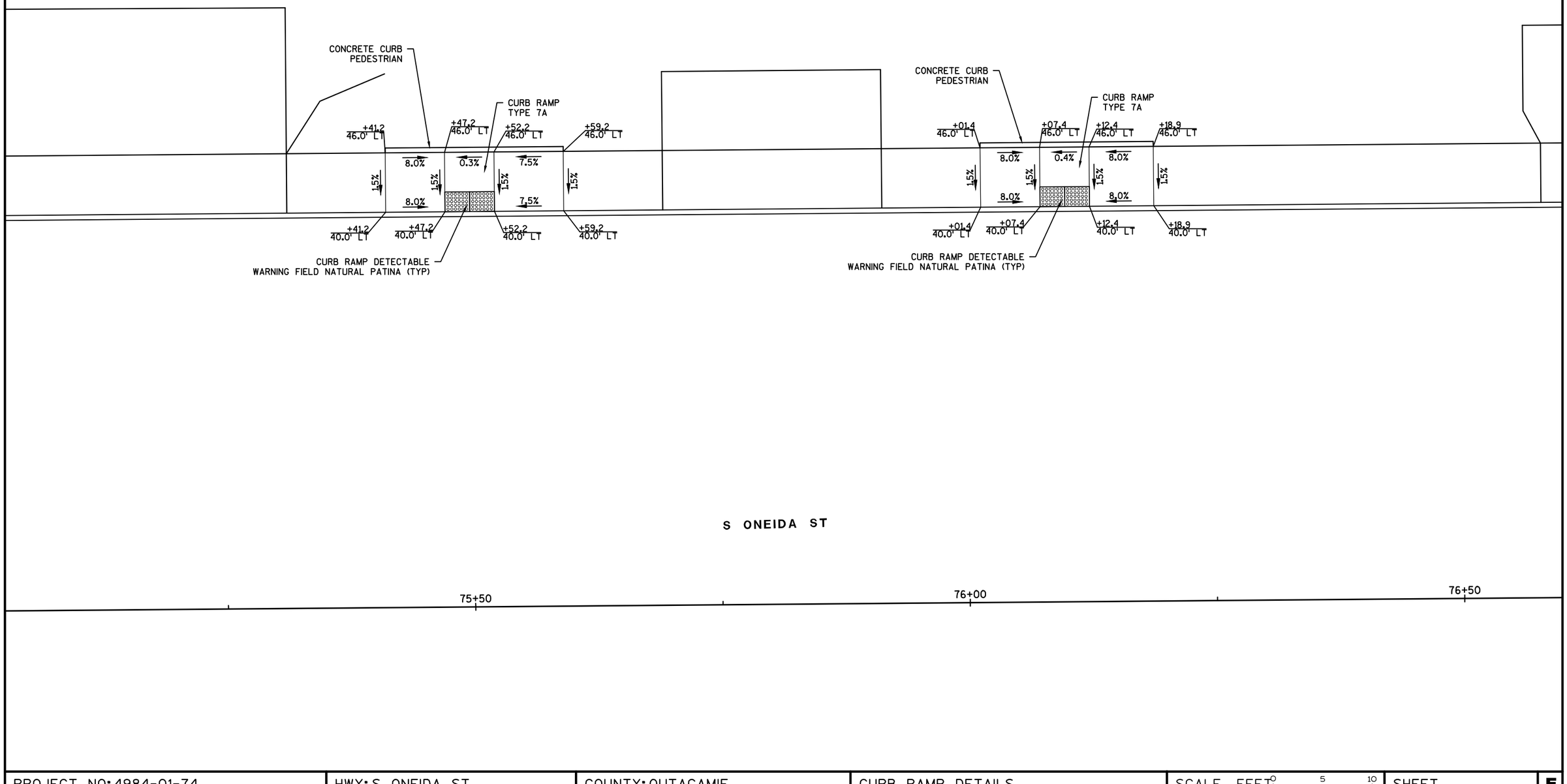
COMMUNICATIONS VAULT TYPE 1 DETAIL

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET 14	E

2

2

N



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 15	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 01

PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

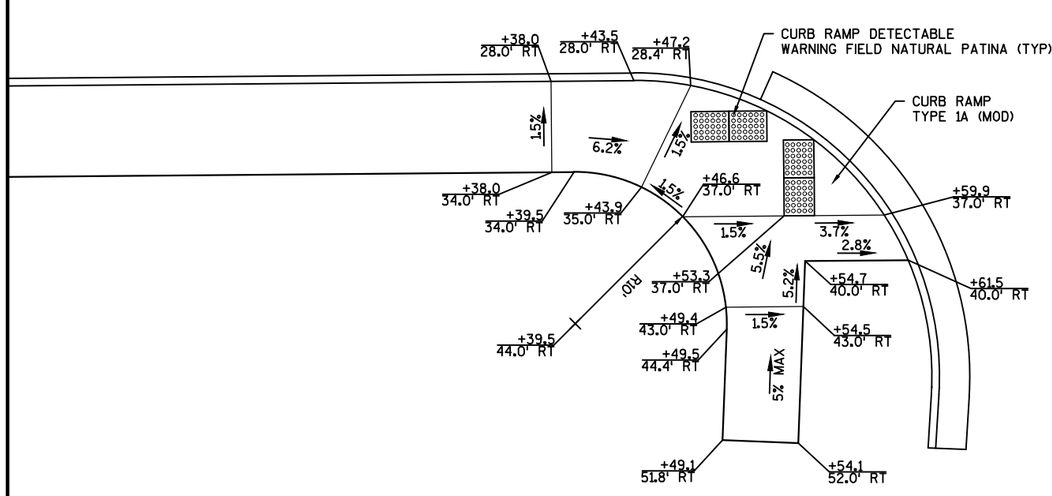
S ONEIDA ST

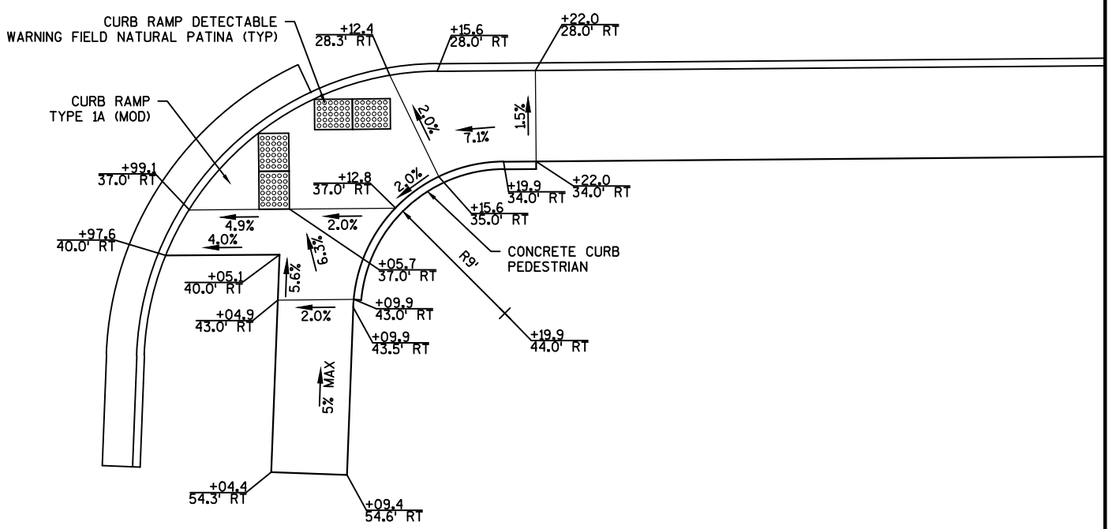
N

75+50

76+00

76+50





E HOOVER AVE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 16	E

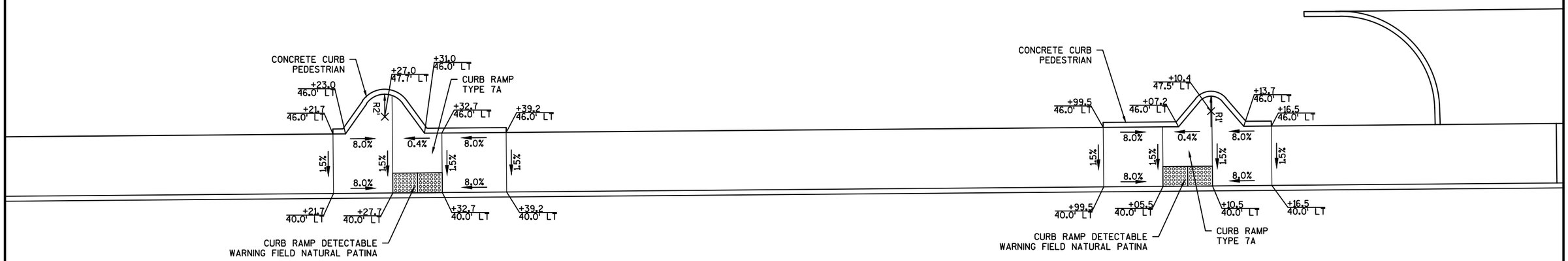
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 02

PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

N



S ONEIDA ST

79+00 79+50 80+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 17	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 03
PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2

N

S ONEIDA ST

79+00

79+50

80+00

+19.8
28.0' RT

+27.7
29.6' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 1A (MOD)

1.5%

7.4%

1.6%

+19.5
34.1' RT

+21.6
34.4' RT

+23.2
38.2' RT

+43.0
41.5' RT

1.3%

1.5%

4.8%

+46.4
48.8' RT

CONCRETE CURB
PEDESTRIAN

+34.8
47.3' RT

+38.6
47.5' RT

5.0%

+44.7
49.3' RT

1.5%

+39.9
50.8' RT

+45.9
57.7' RT

+40.9
57.7' RT

5% MAX

+40.8
74.7' RT

+45.8
74.7' RT

E TAFT AVE

+11.7
30.4' RT

+21.9
28.0' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 1A (MOD)

1.5%

6.9%

1.5%

+00.4
42.9' RT

+19.2
36.8' RT

+22.3
36.5' RT

2.0%

+98.4
41.7' RT

+17.3
40.7' RT

4.3%

1.5%

+94.9
49.4' RT

4.0%

2.5%

+02.8
48.8' RT

+07.7
49.2' RT

+95.9
49.7' RT

1.5%

+01.7
51.4' RT

R21'

+00.8
57.4' RT

+21.8
57.6' RT

5% MAX

+95.6
75.4' RT

+00.6
75.4' RT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 18	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 04

PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

N

W WILSON AVE

+89.8
46.0' LT
+95.8
46.0' LT
2.0%
+14.5
48.0' LT
7.7%
0.8%
+12.8
46.0' LT
1.5%
1.5%
CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA (TYP)
+89.8
40.0' LT
+95.8
40.0' LT
+98.7
40.0' LT
CURB RAMP
TYPE 4A1
CURB RAMP
TYPE 7A

+62.2
48.0' LT
+73.4
46.0' LT
0.0%
+81.9
46.0' LT
+87.9
46.0' LT
+64.3
46.0' LT
1.5%
3.7%
8.1%
1.5%
1.5%
CURB RAMP
TYPE 4A1
CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA (TYP)
+80.3
40.0' LT
+81.9
40.0' LT
+87.9
40.0' LT
CURB RAMP
TYPE 7A

S ONEIDA ST

83+00
83+50
84+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 19	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 05

PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

2

2

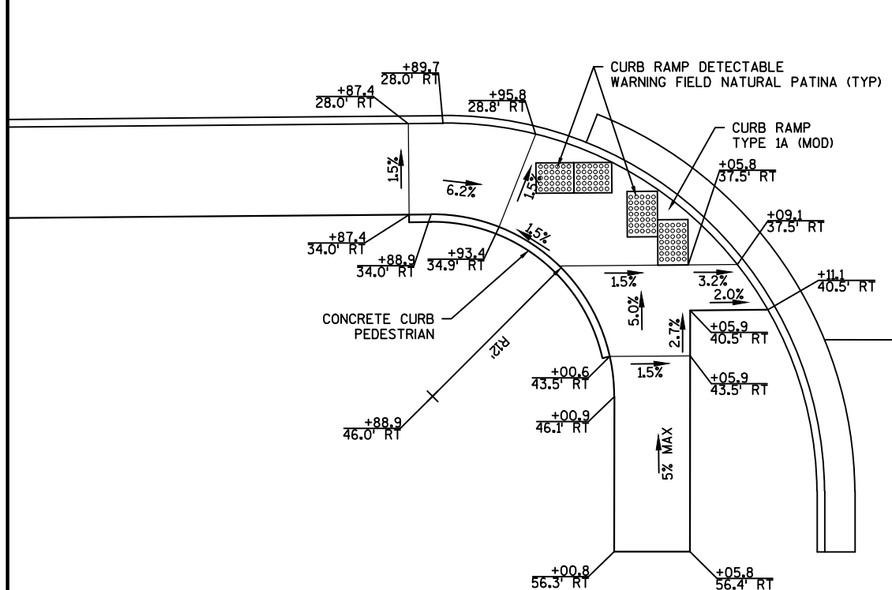
N

S ONEIDA ST

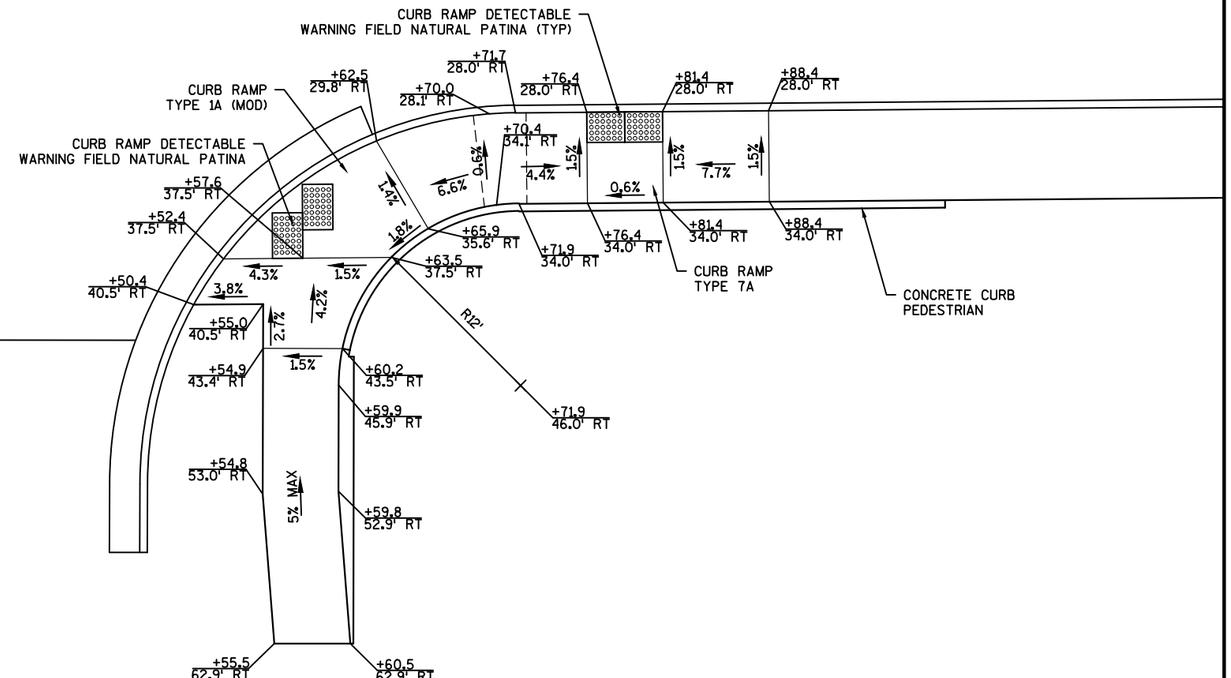
83+00

83+50

84+00



E WILSON AVE



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 20	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 06

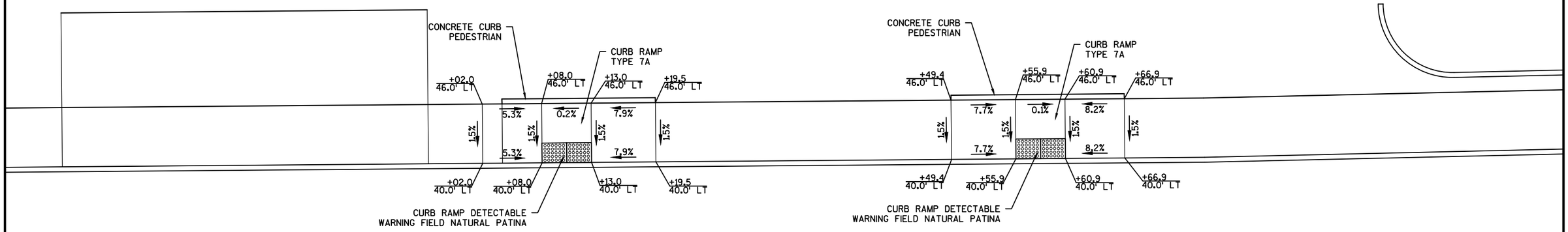
PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

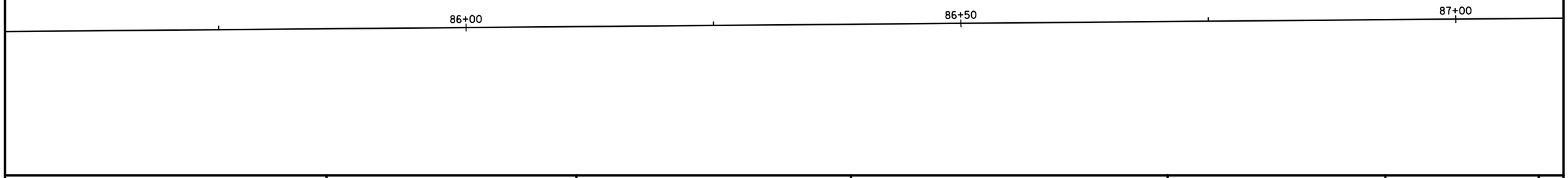
WISDOT/CADDS SHEET 42

2

N



S ONEIDA ST



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 21	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 07
PLOT DATE : 6/30/2017 9:46 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

S ONEIDA ST

86+00

86+50

87+00

+91.4
28.1' RT

+01.2
30.8' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 1A (MOD)

1.5%

6.4%

1.5%

+90.9
34.2' RT

+96.4
36.7' RT

CONCRETE CURB
PEDESTRIAN

0.1%

RT

+11.9
42.1' RT

+00.1
42.1' RT

1.5%

7.5%

3.0%

+13.1
45.1' RT

+88.8
46.0' RT

+00.8
46.1' RT

3.4%

+05.8
45.1' RT

1.5%

+00.8
48.1' RT

5% MAX

+05.8
48.1' RT

+00.7
56.6' RT

+05.7
56.6' RT

E HARDING DR

CURB RAMP
TYPE 1A (MOD)

+60.9
30.5' RT

+70.2
28.0' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

1.5%

0.6%

1.5%

+70.1
34.3' RT

+65.5
36.5' RT

CONCRETE CURB
PEDESTRIAN

+49.6
42.1' RT

1.1%

RT

+48.4
45.1' RT

1.5%

+61.5
42.1' RT

3.0%

7.0%

1.9%

+55.8
45.1' RT

+60.8
45.9' RT

1.5%

+55.8
48.1' RT

+60.8
48.1' RT

5% MAX

+72.8
46.0' RT

+55.7
57.1' RT

+60.7
57.1' RT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 22	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 08

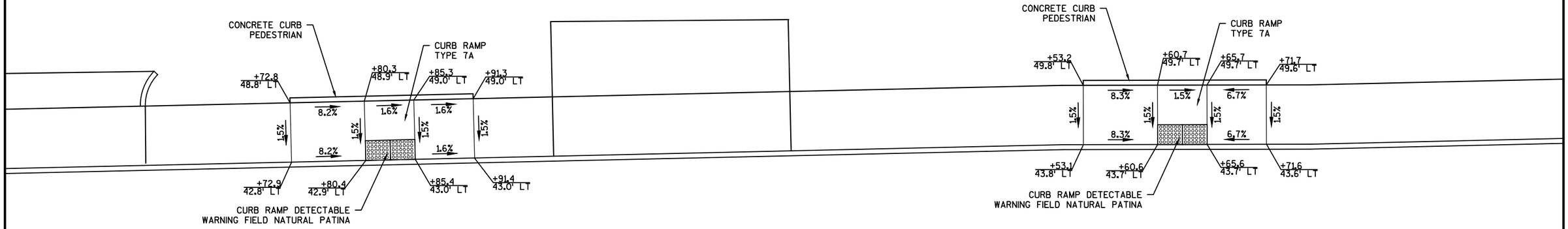
PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

N



S ONEIDA ST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 23	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 09
PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

S ONEIDA ST

88+50

89+00

89+50

90+0

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 1A

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 7A

+78.5
28.0' RT

+86.0
28.0' RT

+90.0
28.0' RT

+91.0
28.0' RT

+03.4
37.0' RT

+08.9
37.0' RT

+11.0
40.0' RT

+78.5
34.0' RT

+86.0
34.0' RT

+89.1
34.0' RT

+91.0
34.2' RT

+97.0
37.0' RT

+06.1
40.0' RT

+00.7
43.0' RT

+06.1
43.0' RT

+89.1
46.0' RT

+01.1
46.1' RT

+00.9
57.5' RT

+05.9
57.6' RT

1.5%

7.6%

1.0%

0.5%

2.0%

2.0%

2.0%

4.8%

4.0%

4.4%

3.9%

1.5%

5% MAX

R12

E MURRAY AVE

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CURB RAMP
TYPE 1A (MOD)

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

CONCRETE CURB
PEDESTRIAN

+65.6
28.3' RT

+66.3
29.8' RT

+71.8
27.5' RT

+74.1
27.5' RT

+74.1
33.5' RT

+72.9
33.5' RT

+68.2
34.4' RT

+64.4
37.0' RT

+52.4
37.0' RT

+50.4
40.0' RT

+55.9
40.0' RT

+55.9
43.0' RT

+61.1
43.0' RT

+60.9
45.3' RT

+72.9
45.5' RT

+55.7
58.2' RT

+60.7
58.2' RT

4.4%

1.5%

1.8%

0.5%

4.7%

0.1%

0.8%

7.7%

5% MAX

RIP.

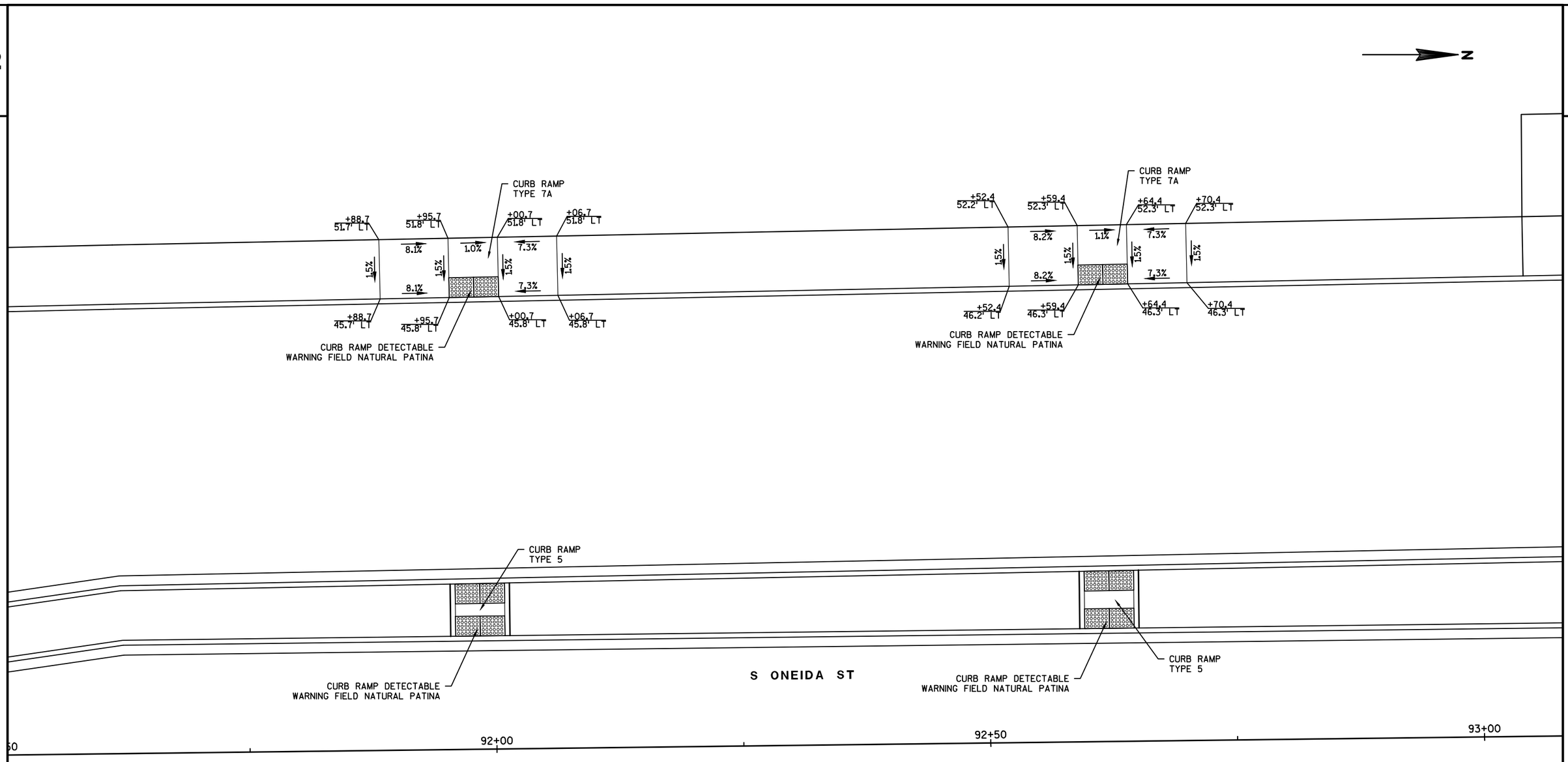
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 24	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 10

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

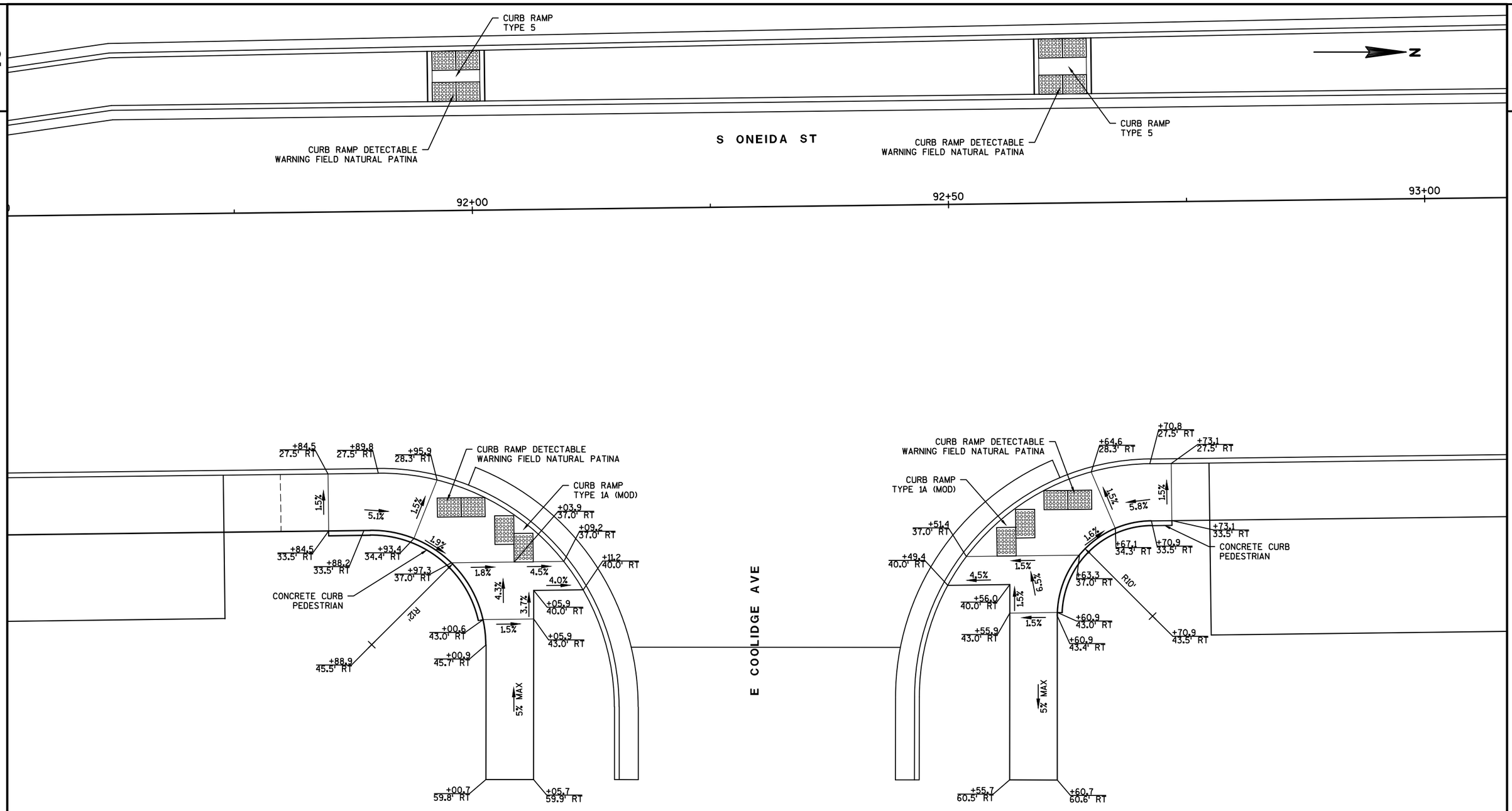
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

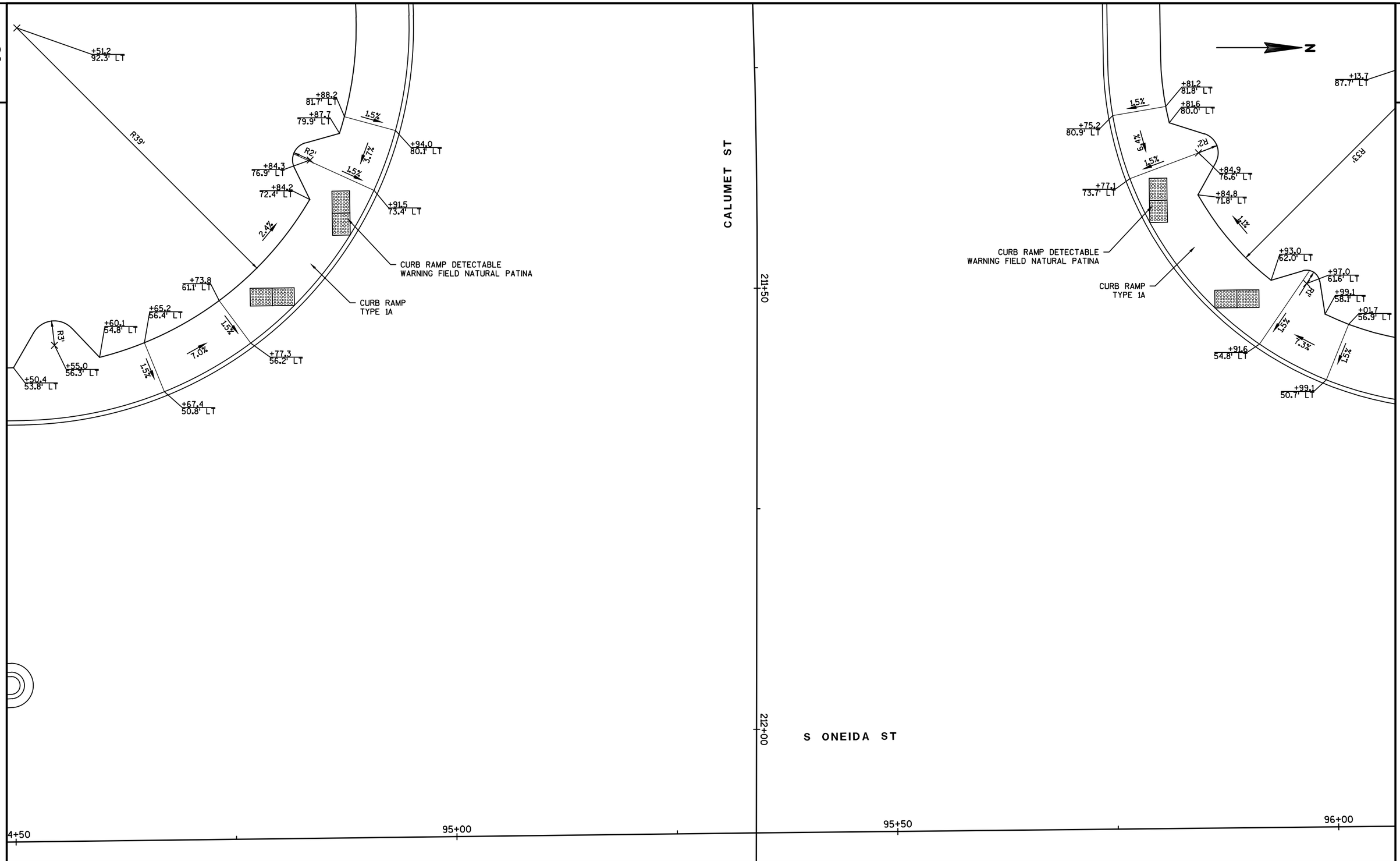


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 25	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 11
PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 26	E



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 27	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 13

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

S ONEIDA ST

212+00

95+00

95+50

96+00

212+50

E CALUMET ST

+66.4
27.5' RT

+77.3
29.1' RT

CURB RAMP
TYPE 1A

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+83.4
31.5' RT

1.5%

7.4%

1.5%

+66.4
33.5' RT

+72.3
34.1' RT

2.4%

R2'

1.5%

+74.9
37.0' RT

+78.7
36.0' RT

2.3%

+90.6
44.2' RT

+95.0
40.1' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

1.5%

CONCRETE CURB
PEDESTRIAN

CURB RAMP
TYPE 1A

3.0%

+92.0
45.8' RT

+99.6
46.2' RT

+92.6
50.3' RT

1.5%

R2'

4.5%

+02.9
52.8' RT

+96.3
52.6' RT

1.5%

+97.3
55.0' RT

R33'

+66.0
67.0' RT

+98.8
29.8' RT

+91.6
33.3' RT

1.5%

7.3%

1.5%

CURB RAMP
TYPE 1A

+01.1
36.2' RT

+95.1
39.0' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+78.0
47.2' RT

0.5%

1.5%

6.9%

+74.9
54.0' RT

+83.4
50.4' RT

1.5%

+80.7
56.0' RT

R33'

+11.7
67.5' RT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 28	E

2

N

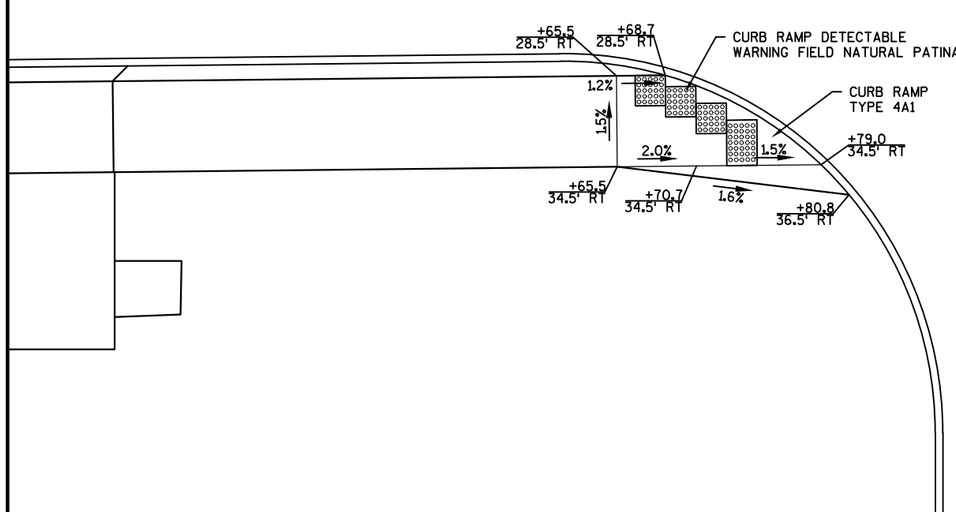
2

S ONEIDA ST

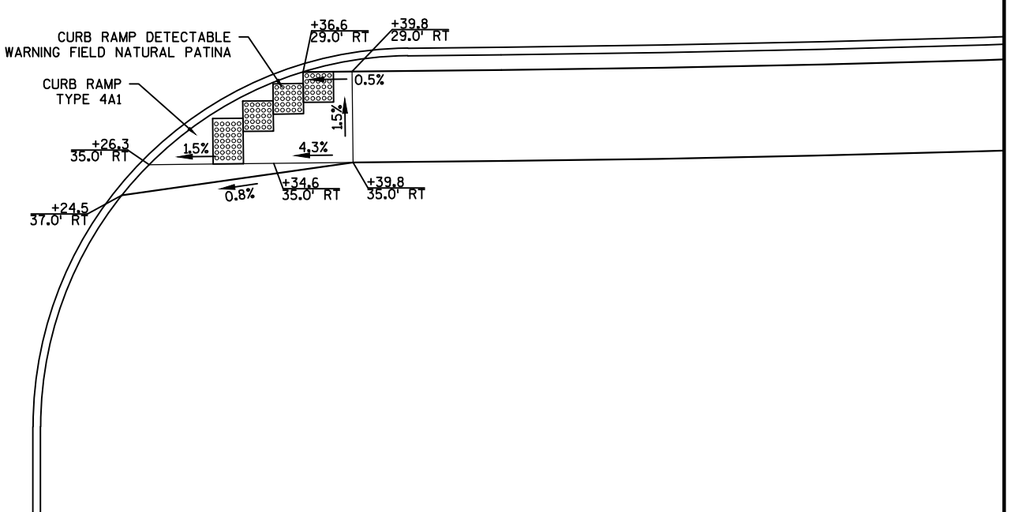
98+50

99+00

99+50



RAMLEN CT



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 29	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 15

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

N

W FOSTER ST

+22.6
56.9' LT

+27.6
56.8' LT

5% MAX

+12.4
45.0' LT

+22.4
44.9' LT

+27.4
43.0' LT

+22.3
43.0' LT

1.5%

+27.4
40.0' LT

+30.6
40.0' LT

R10'

+18.4
37.0' LT

0.5%

4.7%

2.4%

+12.4
35.0' LT

+15.5
35.5' LT

2.0%

4.7%

+05.0
35.0' LT

+12.0
35.0' LT

+28.9
37.5' LT

+25.7
37.5' LT

1.5%

0.9%

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

2.0%

1.5%

4.5%

+22.3
31.6' LT

CURB RAMP
TYPE 1A

8.2%

1.5%

8.2%

1.5%

+17.0
29.2' LT

+17.0
31.2' LT

+05.0
29.0' LT

CURB RAMP
TYPE 1A

+12.0
29.0' LT

+12.0
28.1' LT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+76.3
56.9' LT

+81.2
56.9' LT

5% MAX

CONCRETE CURB
PEDESTRIAN

+81.2
45.5' LT

+90.9
45.6' LT

+81.4
43.3' LT

+76.3
43.2' LT

1.5%

R10'

+73.8
40.2' LT

4.5%

0.5%

4.9%

+76.3
40.2' LT

1.5%

+84.6
37.9' LT

+89.5
35.7' LT

+75.5
37.7' LT

+91.2
35.6' LT

+95.4
35.7' LT

0.3%

7.1%

1.5%

1.5%

CURB RAMP
TYPE 1A (MOD)

6.6%

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+88.7
29.5' LT

+95.6
29.7' LT

+88.7
29.3' LT

S ONEIDA ST

103+00

103+50

104+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 30	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 16

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

2

S ONEIDA ST

103+00

103+50

104+00

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+05.5
29.0' RT

+12.0
28.0' RT

+17.0
28.0' RT

+17.0
29.0' RT

+12.0
29.0' RT

+19.0
29.0' RT

1.5%

8.3%

1.5%

1.5%

1.2%

+05.5
35.0' RT

+12.0
35.0' RT

+19.0
35.0' RT

CURB RAMP
TYPE 7A

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

+77.8
29.0' RT

+85.0
28.0' RT

+90.1
28.0' RT

+96.2
29.0' RT

+85.0
29.0' RT

+90.1
29.0' RT

1.5%

7.9%

1.5%

1.5%

0.7%

7.5%

1.5%

+77.8
35.0' RT

+85.0
35.0' RT

+90.1
35.0' RT

+96.2
35.0' RT

CURB RAMP
TYPE 7A

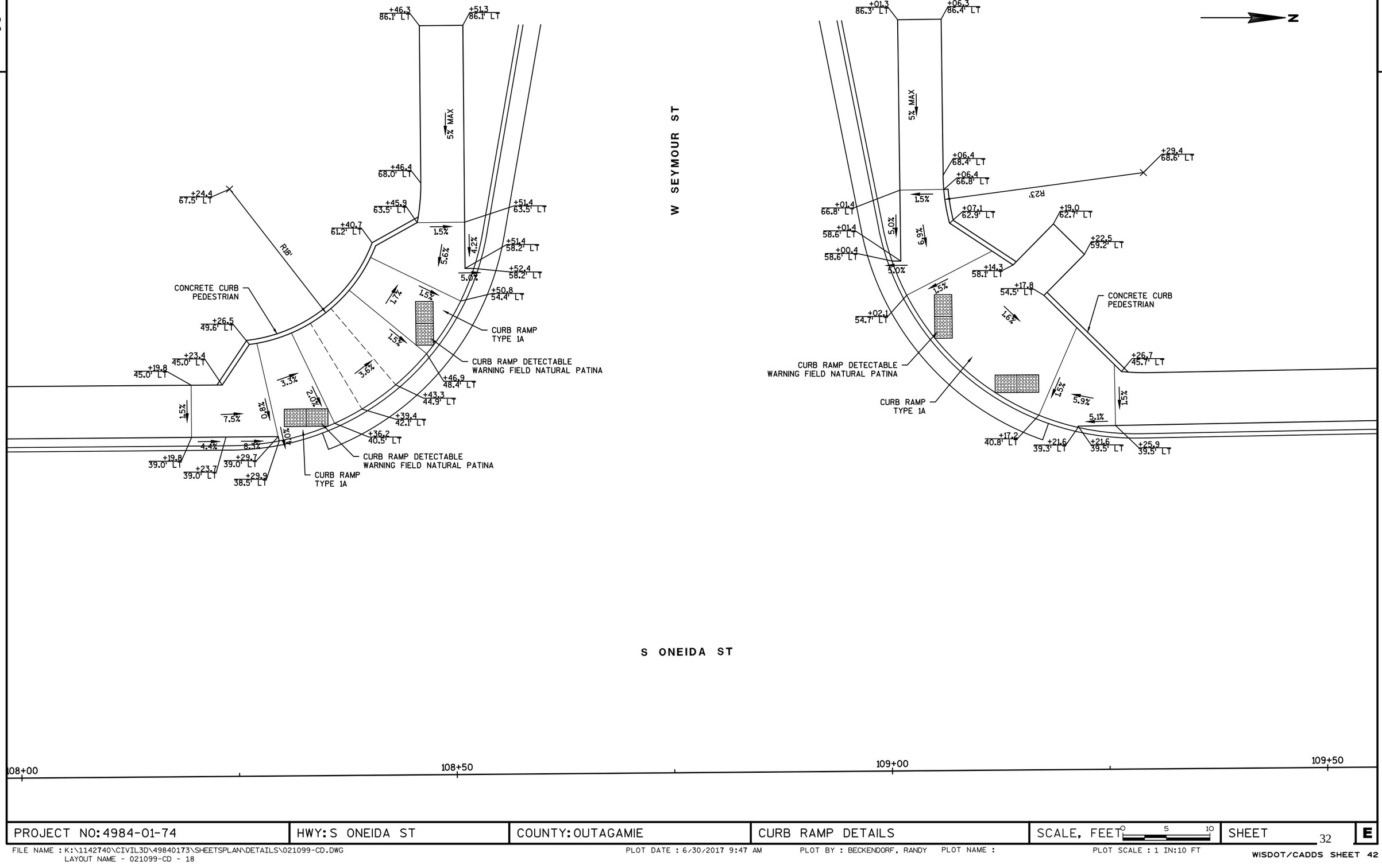
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 31	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 17

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 32	E

2

S ONEIDA ST

N

2

108+00

108+50

109+00

109+50

+23.0 29.0' RT

+30.5 28.0' RT

+30.5 29.0' RT

+35.5 28.0' RT

+35.5 29.0' RT

+36.3 28.0' RT

+42.1 29.0' RT

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CURB RAMP TYPE 4A1

+50.8 35.0' RT

8.3%

1.5%

1.5%

8.3%

6.6%

+23.0 35.0' RT

+28.5 35.0' RT

+40.1 35.0' RT

1.5%

+28.5 38.5' RT

+30.5 35.0' RT

CURB RAMP TYPE 7A

+48.1 38.5' RT

+48.1 35.0' RT

CONCRETE CURB PEDESTRIAN

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CURB RAMP TYPE 1A (MOD)

+17.2 28.0' RT

+15.0 28.0' RT

+17.2 29.0' RT

+23.2 29.0' RT

1.5%

7.7%

1.5%

+00.0 35.0' RT

1.4%

+23.2 35.0' RT

+96.5 41.2' RT

1.5%

+21.5 35.0' RT

+15.0 38.5' RT

+19.3 38.5' RT

+95.8 43.2' RT

5.3%

R9'

CONCRETE CURB PEDESTRIAN

+02.6 42.2' RT

+02.2 43.2' RT

+07.5 42.5' RT

1.5%

+01.6 44.5' RT

+15.0 47.5' RT

0.8%

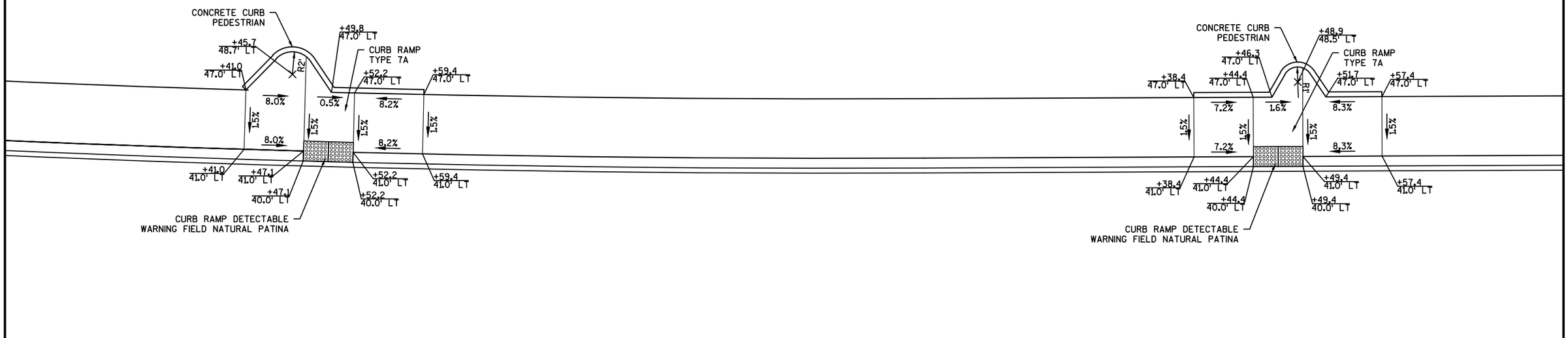
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 33	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 19

PLOT DATE : 6/30/2017 9:47 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 34 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 20
PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

S ONEIDA ST

115+50

116+00

116+50

+39.4
29.0' RT

+47.0
29.6' RT

+44.6
29.0' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

6.0%

1.5%

6.6%

1.5%

CURB RAMP
TYPE 1A (MOD)

+39.4
35.2' RT

+41.9
35.6' RT

R2'

+48.2
37.2' RT

+63.8
37.8' RT

+69.4
42.9' RT

+44.6
38.4' RT

0.7%

1.5%

7.7%

+59.6
43.4' RT

1.5%

CONCRETE CURB
PEDESTRIAN

+64.4
47.8' RT

5% MAX

+35.0
77.5' RT

R43'

E FREMONT ST

+52.6
28.0' RT

+52.6
29.0' RT

+60.6
29.0' RT

CURB RAMP DETECTABLE
WARNING FIELD NATURAL PATINA

4.0%

8.0%

1.5%

1.5%

CURB RAMP
TYPE 1A (MOD)

1.3%

8.0%

1.3%

+47.7
35.5' RT

+52.6
35.9' RT

+60.6
36.5' RT

+35.4
42.3' RT

+44.5
38.4' RT

1.3%

1.5%

+35.1
44.4' RT

+44.1
43.9' RT

7.5%

+34.7
51.4' RT

1.5%

+43.6
51.9' RT

5% MAX

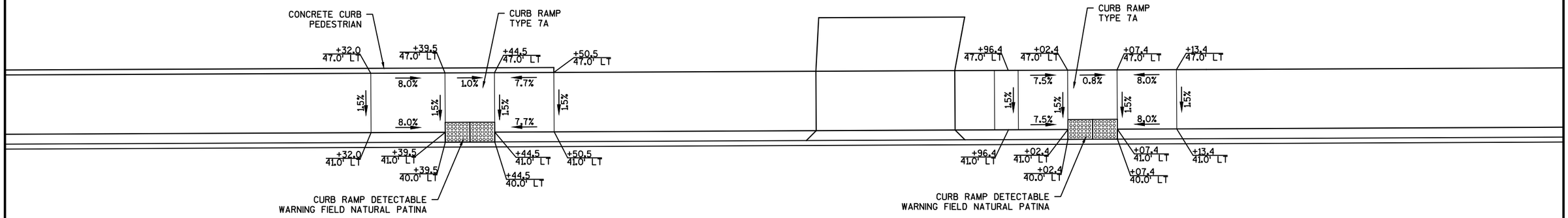
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 35	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 21

PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N



S ONEIDA ST

119+00 119+50 120+00 120+50

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 36	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 22
PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

S ONEIDA ST

119+00 119+50 120+00 120+50

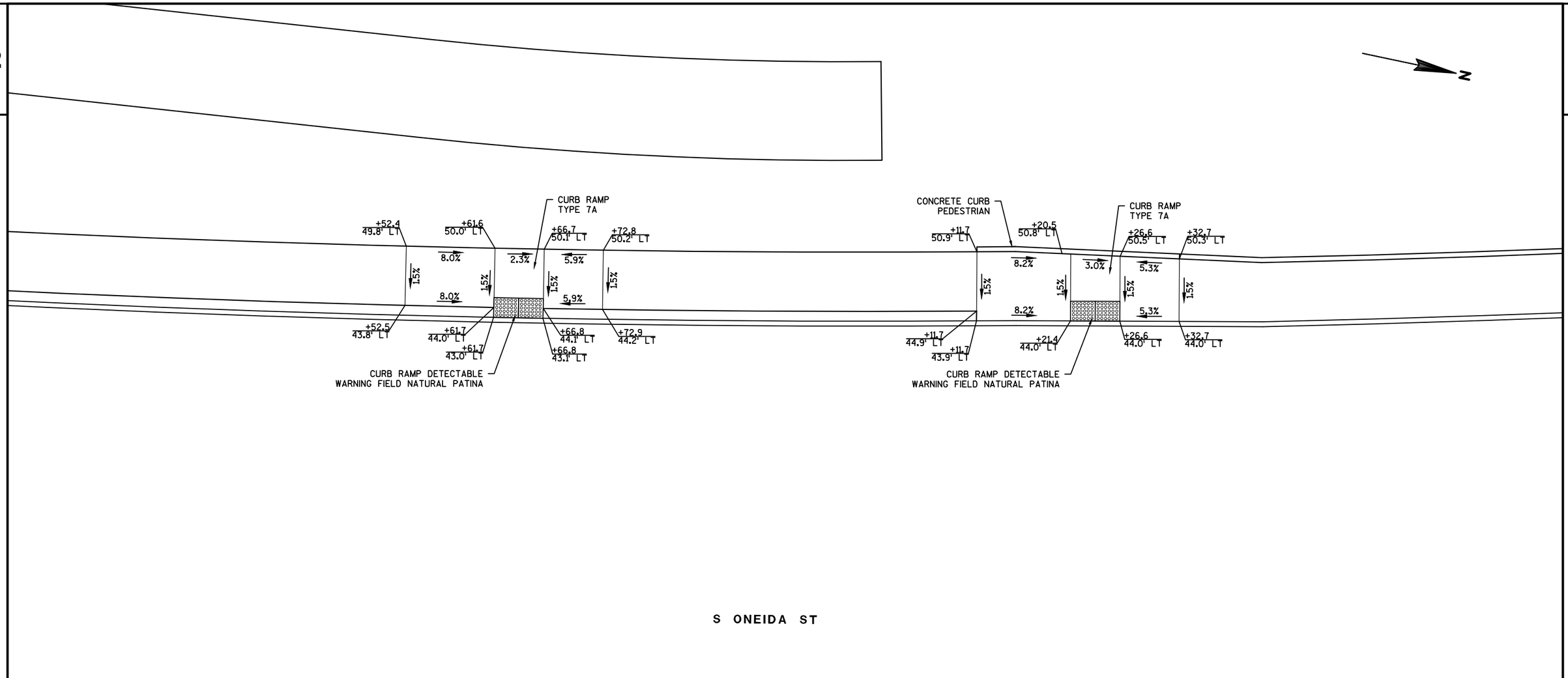
+40.3 28.1' RT
+30.6 29.0' RT
+40.3 29.0' RT
CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CURB RAMP TYPE 1A (MOD)
+55.3 37.0' RT
+48.7 37.0' RT
+56.8 40.0' RT
+50.1 40.0' RT
+49.9 43.0' RT
+44.7 43.0' RT
+44.9 45.5' RT
+34.9 45.0' RT
+44.6 51.6' RT
+49.4 51.9' RT
+30.6 35.0' RT
+34.9 35.0' RT
+38.1 35.5' RT
+40.9 37.0' RT
CONCRETE CURB PEDESTRIAN
R10'
1.9%
7.4%
1.5%
1.9%
4.7%
3.5%
2.2%
0.8%
1.5%
5% MAX

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CURB RAMP TYPE 1A (MOD)
+07.4 28.3' RT
+07.6 29.0' RT
+14.8 29.0' RT
+94.1 37.0' RT
+92.6 40.0' RT
+08.8 35.1' RT
+09.7 35.0' RT
+14.8 35.0' RT
+05.7 37.0' RT
+09.7 40.0' RT
+99.7 40.0' RT
+04.7 39.7' RT
+99.5 43.0' RT
+04.5 43.0' RT
+99.0 52.1' RT
+04.0 52.3' RT
1.5%
7.0%
1.0%
R5'
3.0%
7.5%
4.0%
1.5%
5% MAX

E HARRISON ST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 37	E

2



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 38	E

2

2

S ONEIDA ST

N

122+50

123+00

123+50

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CURB RAMP TYPE 1A (MOD)

CONCRETE CURB PEDESTRIAN

E MCKINLEY ST

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CURB RAMP TYPE 1A (MOD)

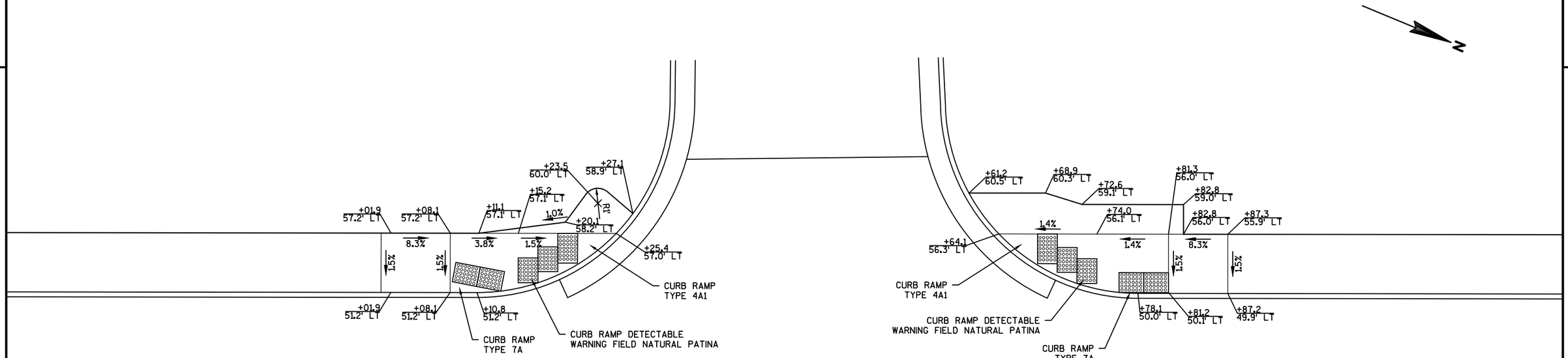
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 39	E

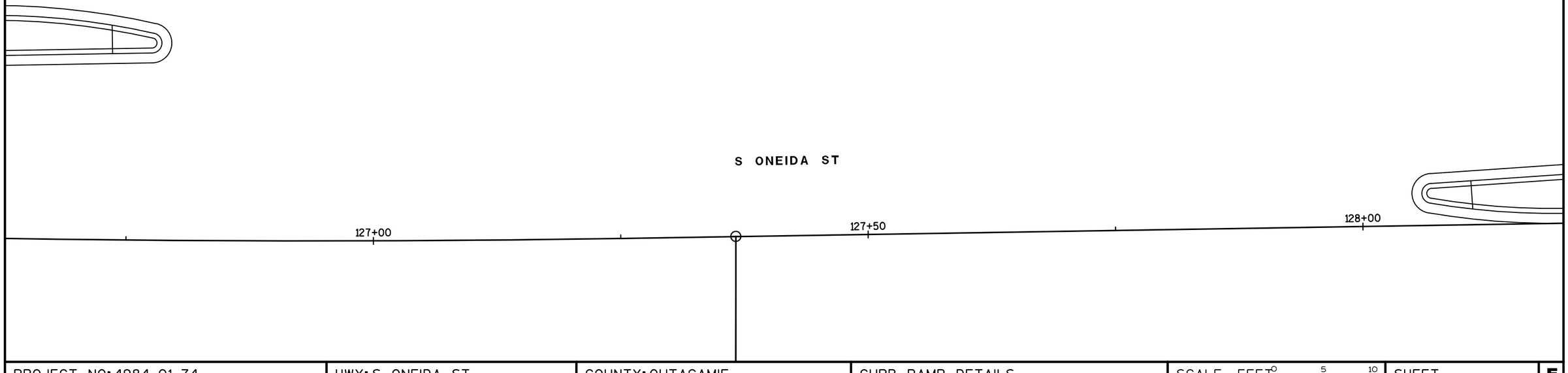
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 25

PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

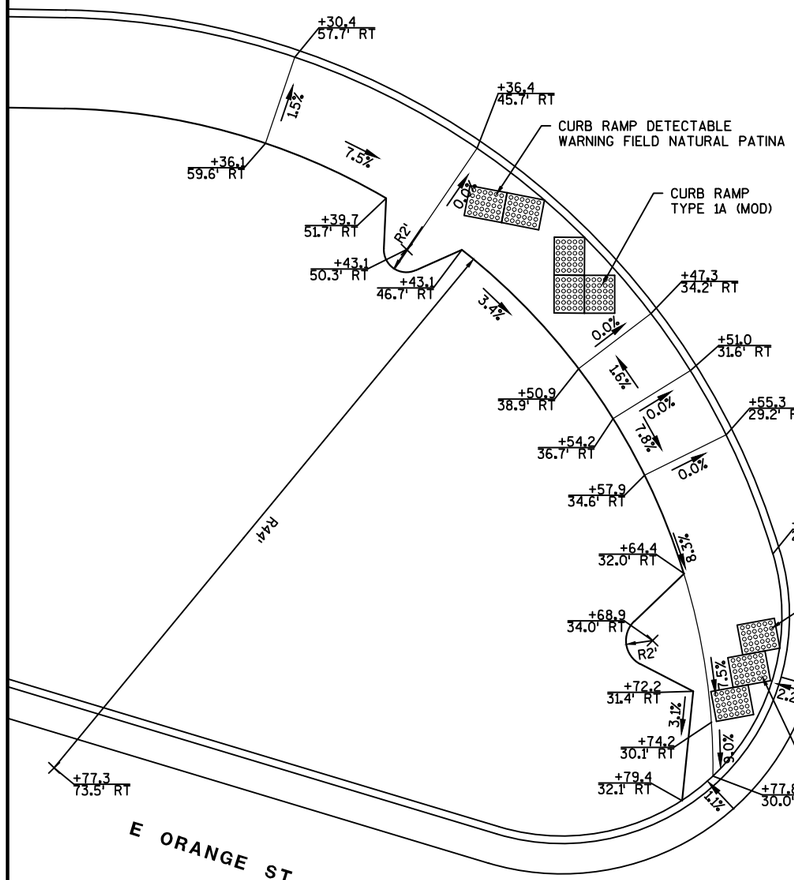
2





PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 40	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 26
PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT

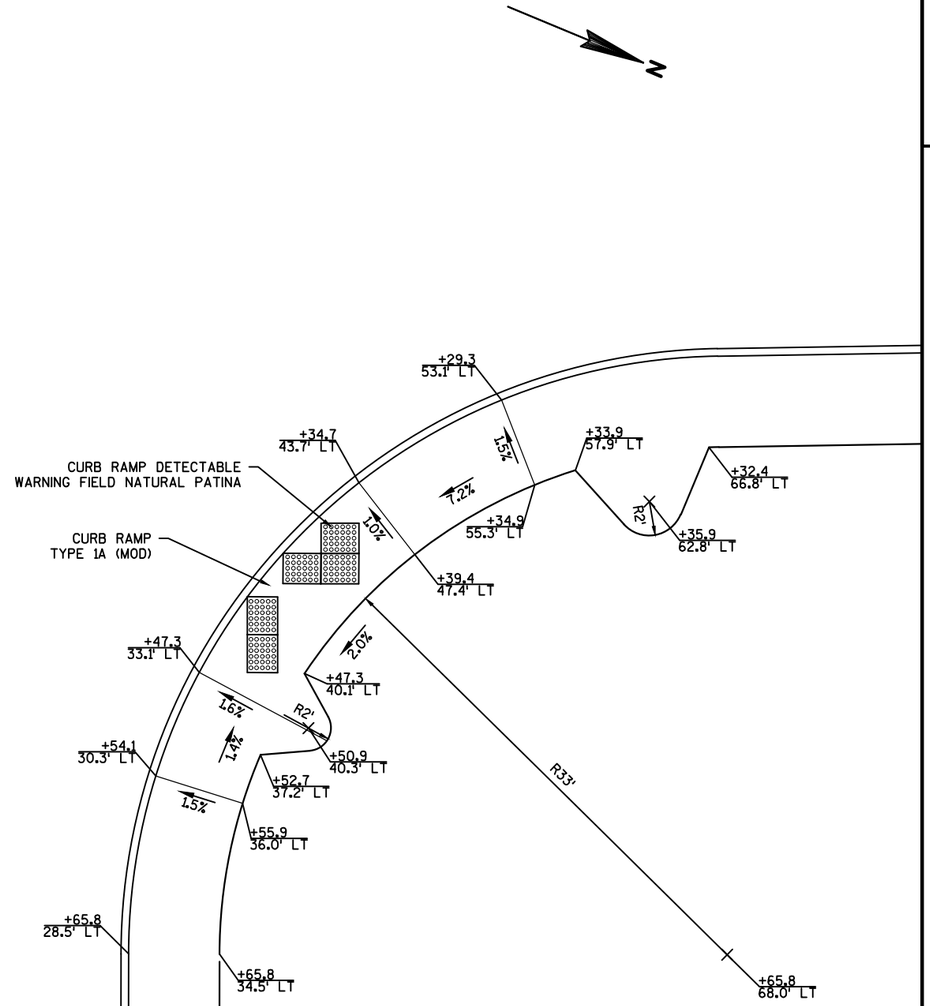


300+25

300+50

300+75

S OLDE ONEIDA ST



N

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 41	E

2

N

CURB RAMP TYPE 7A

+84.4 33.5' LT
+82.5 33.5' LT
+89.4 33.5' LT
+95.9 33.5' LT
0.3%
0.5%
7.9%
1.5%
+82.5 27.5' LT
+84.4 27.5' LT
+89.4 27.5' LT
+95.9 27.5' LT

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CURB RAMP TYPE 7A

+39.9 33.5' LT
+45.9 33.5' LT
+50.9 33.5' LT
+57.4 33.5' LT
7.9%
0.5%
+39.9 27.5' LT
+45.9 27.5' LT
+50.9 27.5' LT
+57.4 27.5' LT

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

E CALUMET ST

219+50 220+00 220+50

S MADISON ST

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CURB RAMP TYPE 1A (MOD)
CONCRETE CURB PEDESTRIAN
R10'
7.0%
0.7%
6.6%
3.0%
2.3%
5% MAX

+84.4 27.7' RT
+76.5 27.5' RT
+81.5 27.5' RT
+76.5 33.5' RT
+79.5 33.5' RT
+82.5 33.5' RT
+98.0 36.5' RT
+99.5 39.5' RT
+86.7 36.5' RT
+94.5 39.5' RT
+89.5 42.5' RT
+94.5 42.5' RT
+79.5 43.5' RT
+89.5 43.4' RT
+89.6 47.7' RT
+94.6 47.6' RT

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CURB RAMP TYPE 1A (MOD)
CONCRETE CURB PEDESTRIAN
8.1%
4.8%
3.5%
5.7%
2.5%
5% MAX

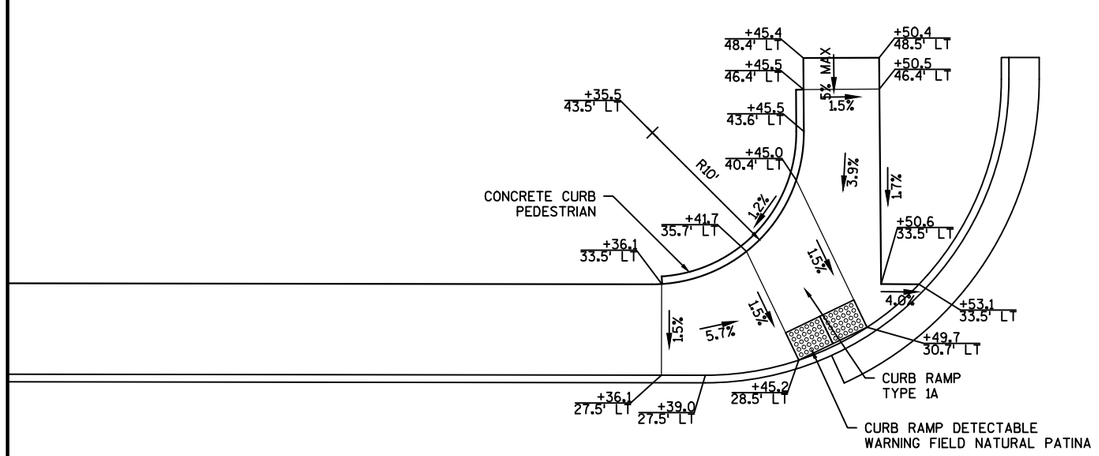
+50.9 27.7' RT
+53.5 27.5' RT
+57.4 27.5' RT
+37.1 36.5' RT
+35.5 39.5' RT
+47.4 33.5' RT
+50.9 33.5' RT
+57.4 33.5' RT
+47.4 36.5' RT
+42.5 39.5' RT
+42.5 42.5' RT
+47.5 42.5' RT
+42.5 46.7' RT
+47.5 46.7' RT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 42	E

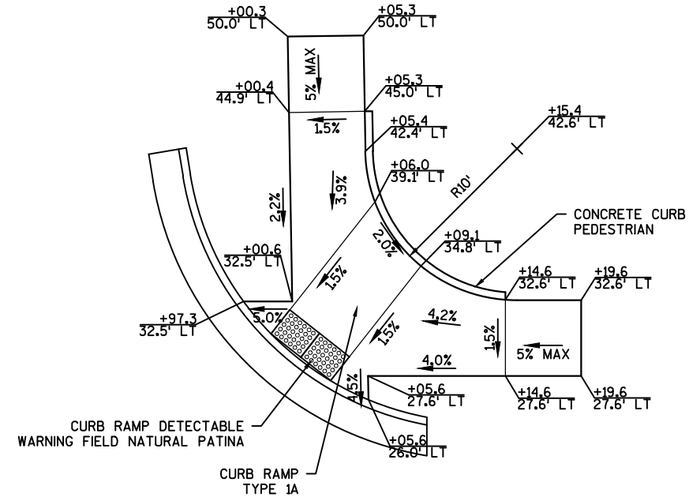
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 27
PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

N



S JEFFERSON ST



E CALUMET ST

223+00 223+50 224+00 224+

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 43	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 28
PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2

N

E CALUMET ST

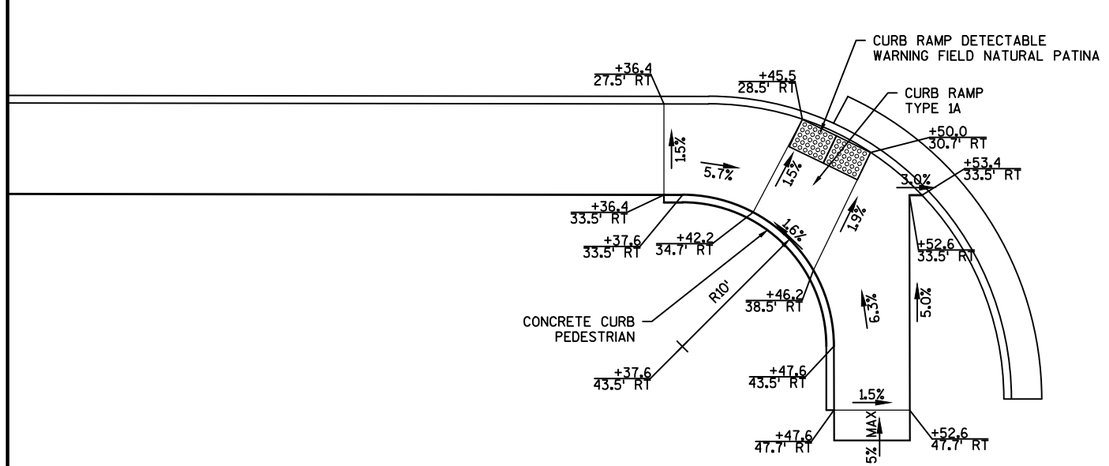
223+00

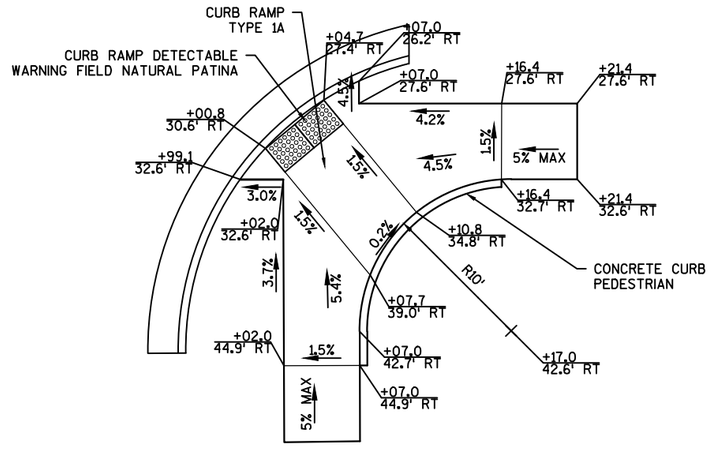
223+50

224+00

224+

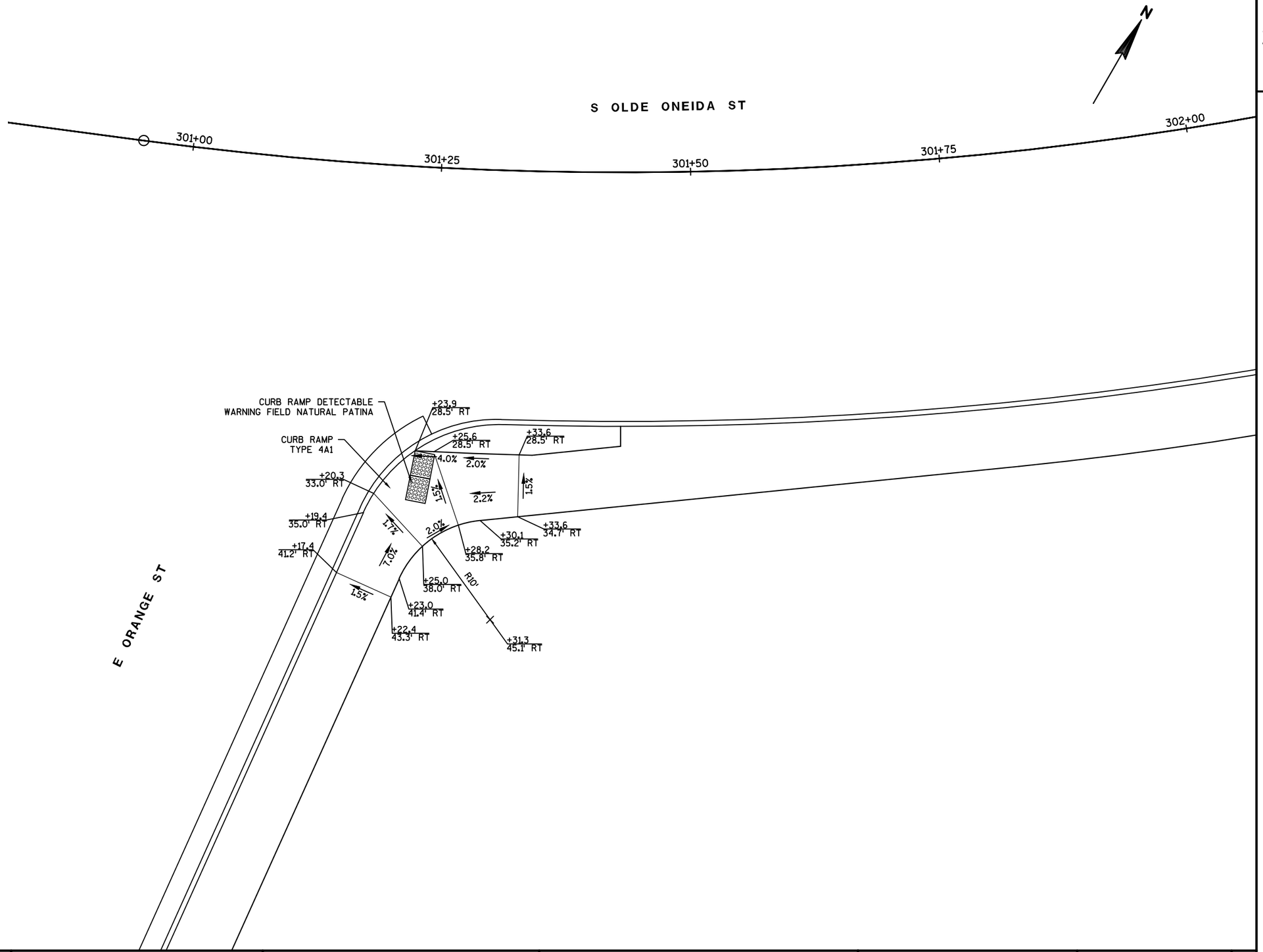
S JEFFERSON ST





PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 44	E

2



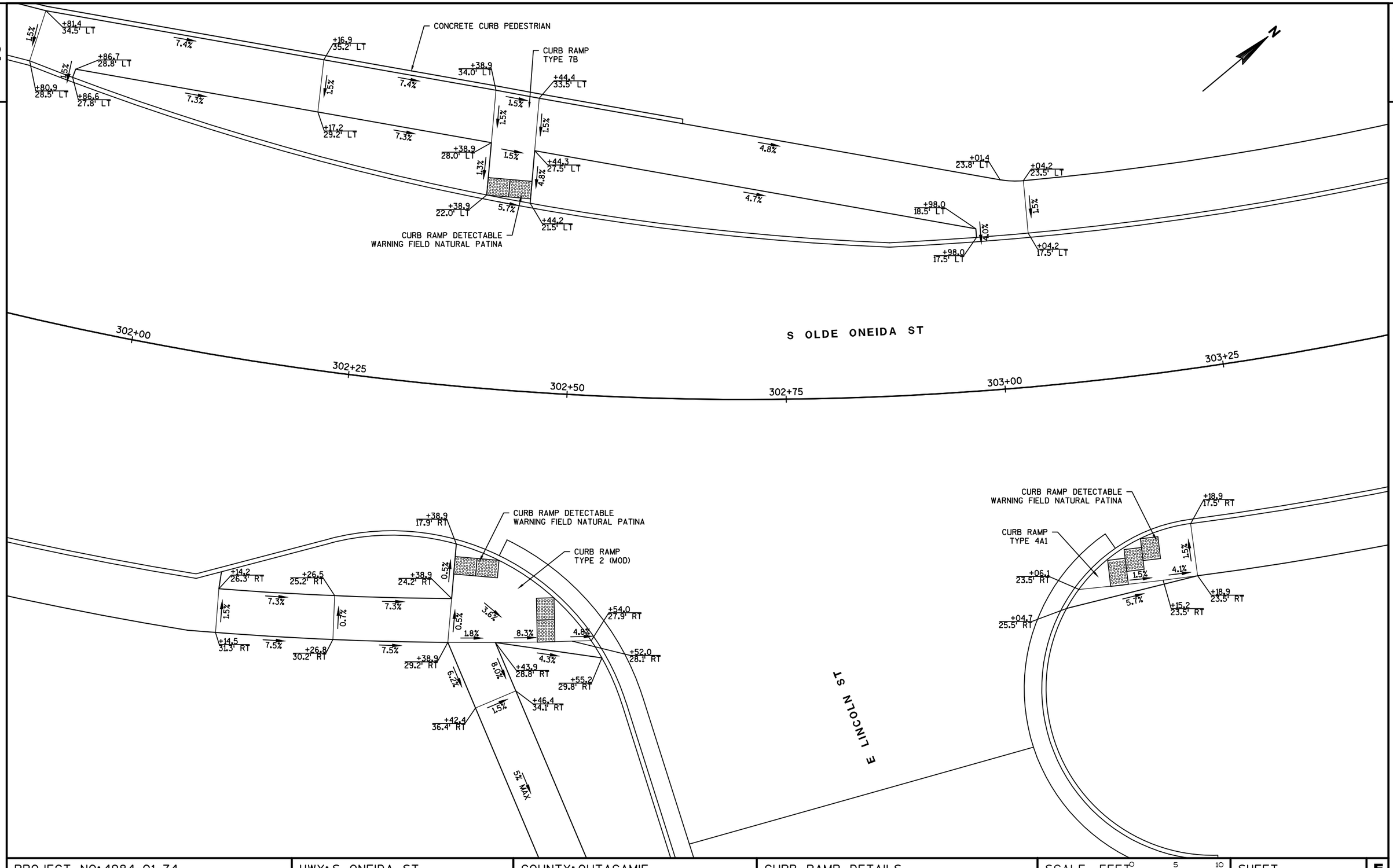
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 45	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 31

PLOT DATE : 6/30/2017 9:48 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

2



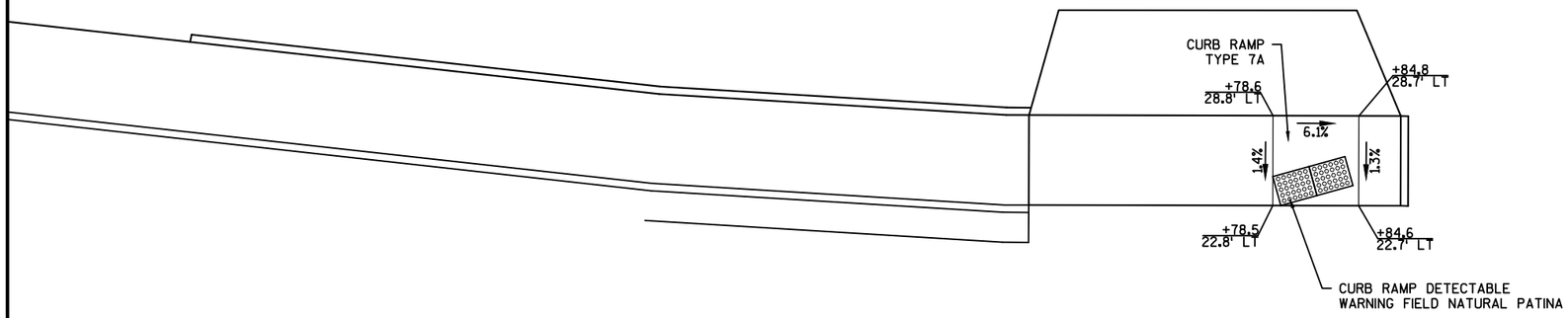
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET	SHEET 46	E

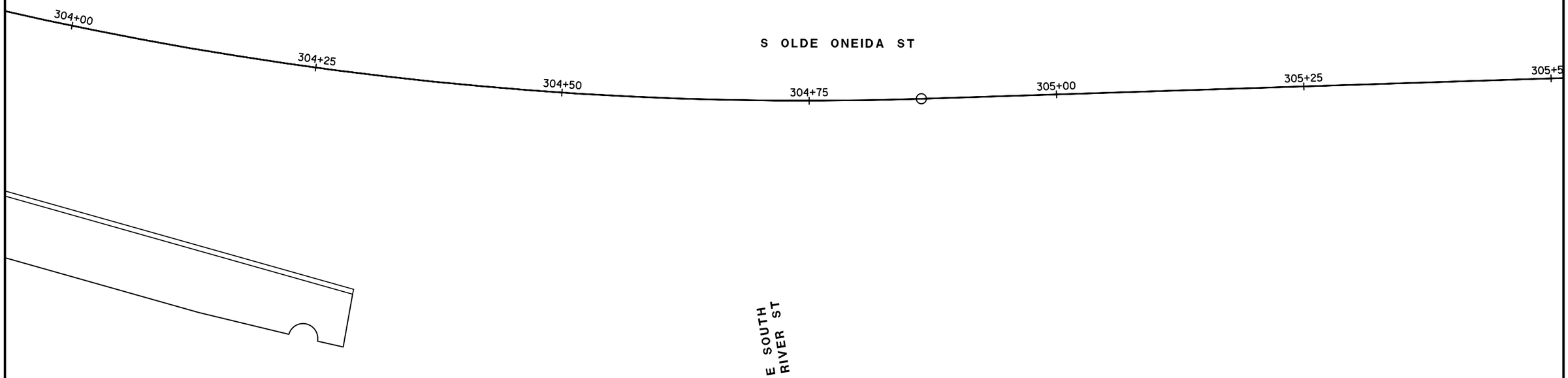
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 32

PLOT DATE : 6/30/2017 9:49 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N





PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SCALE, FEET 0 5 10	SHEET 47	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\DETAILS\021099-CD.DWG
LAYOUT NAME - 021099-CD - 33

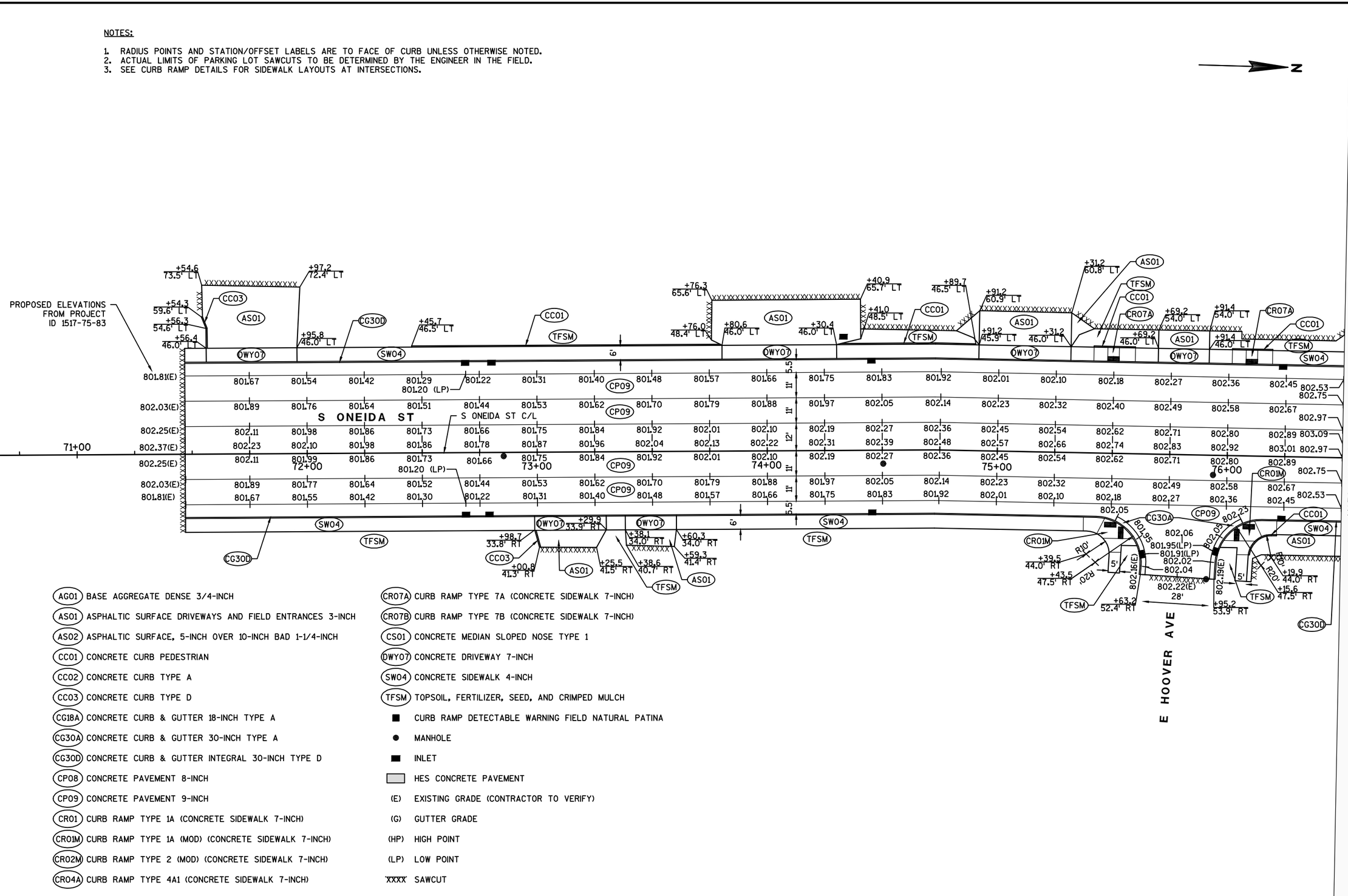
PLOT DATE : 6/30/2017 9:49 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 48	E

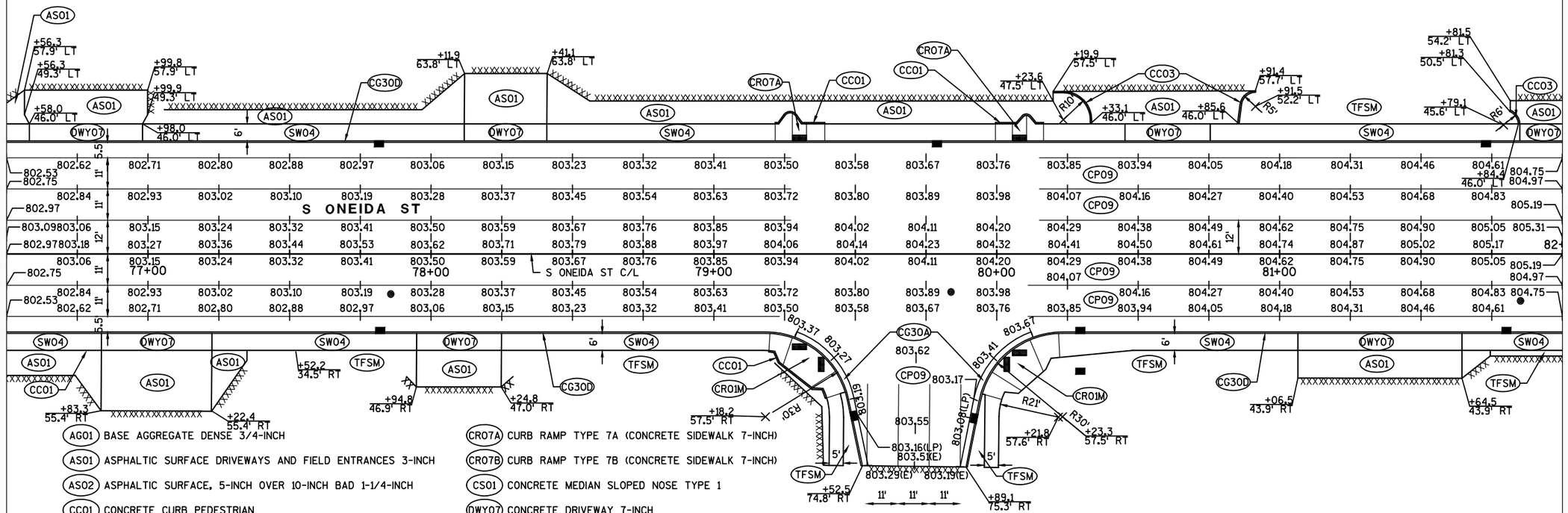
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 01

PLOT DATE : 6/30/2017 3:57 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

N



AG01	BASE AGGREGATE DENSE 3/4-INCH
ASO1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
ASO2	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 49	E

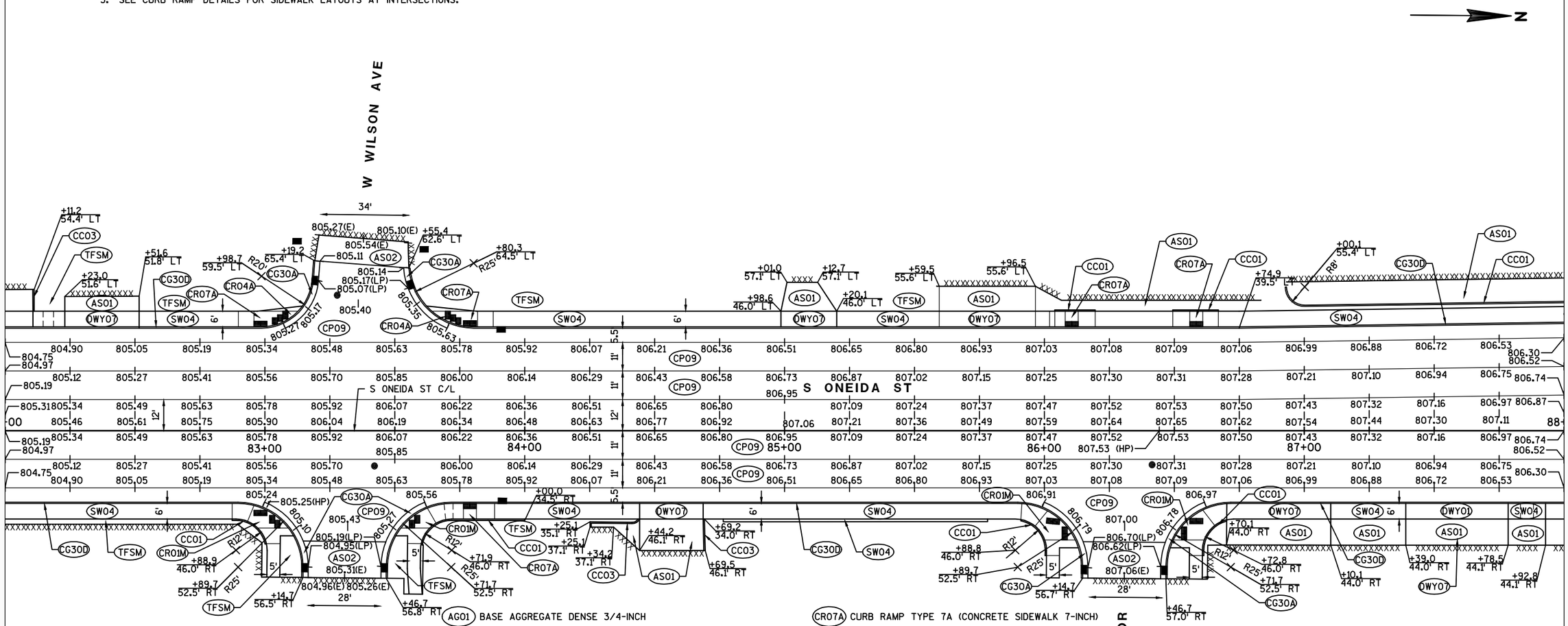
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 02

PLOT DATE : 6/30/2017 3:57 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



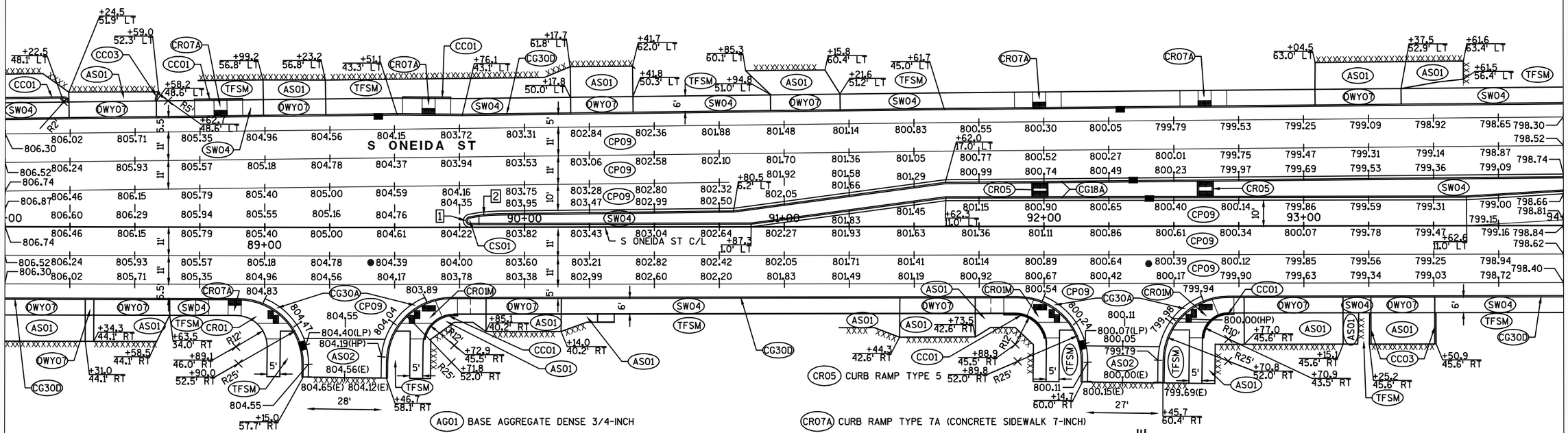
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 50	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 03
PLOT DATE : 7/25/2017 1:42 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

RADIUS POINT TABLE			
POINT	STATION	OFFSET	RADIUS (FACE OF CURB)
1	89+78.98	2.5' LT	R1.5'
2	89+90.76	53.8' RT	R59.0'



AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR05	CURB RAMP TYPE 5
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

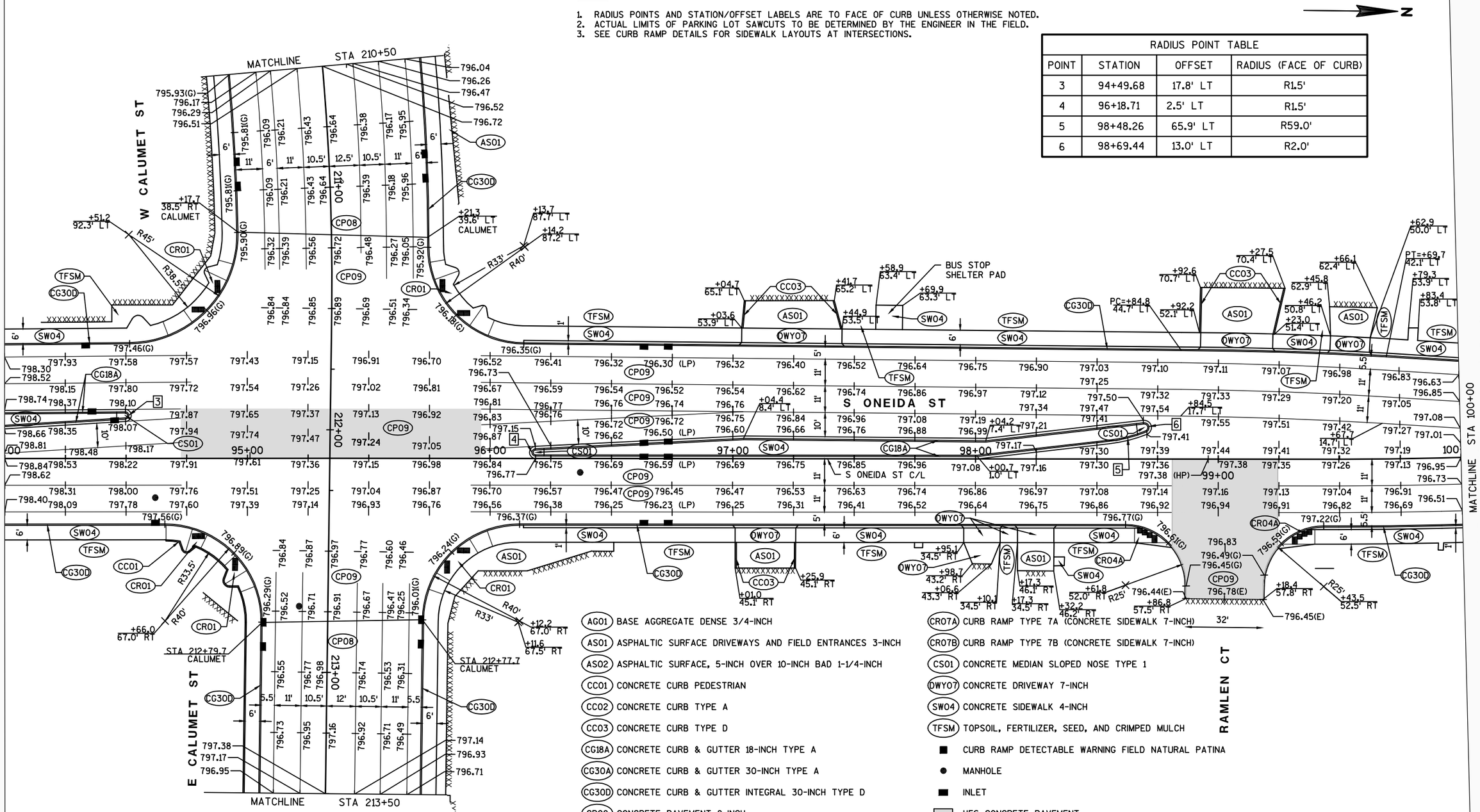
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 51	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 04
PLOT DATE : 6/30/2017 3:58 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

RADIUS POINT TABLE			
POINT	STATION	OFFSET	RADIUS (FACE OF CURB)
3	94+49.68	17.8' LT	R1.5'
4	96+18.71	2.5' LT	R1.5'
5	98+48.26	65.9' LT	R59.0'
6	98+69.44	13.0' LT	R2.0'

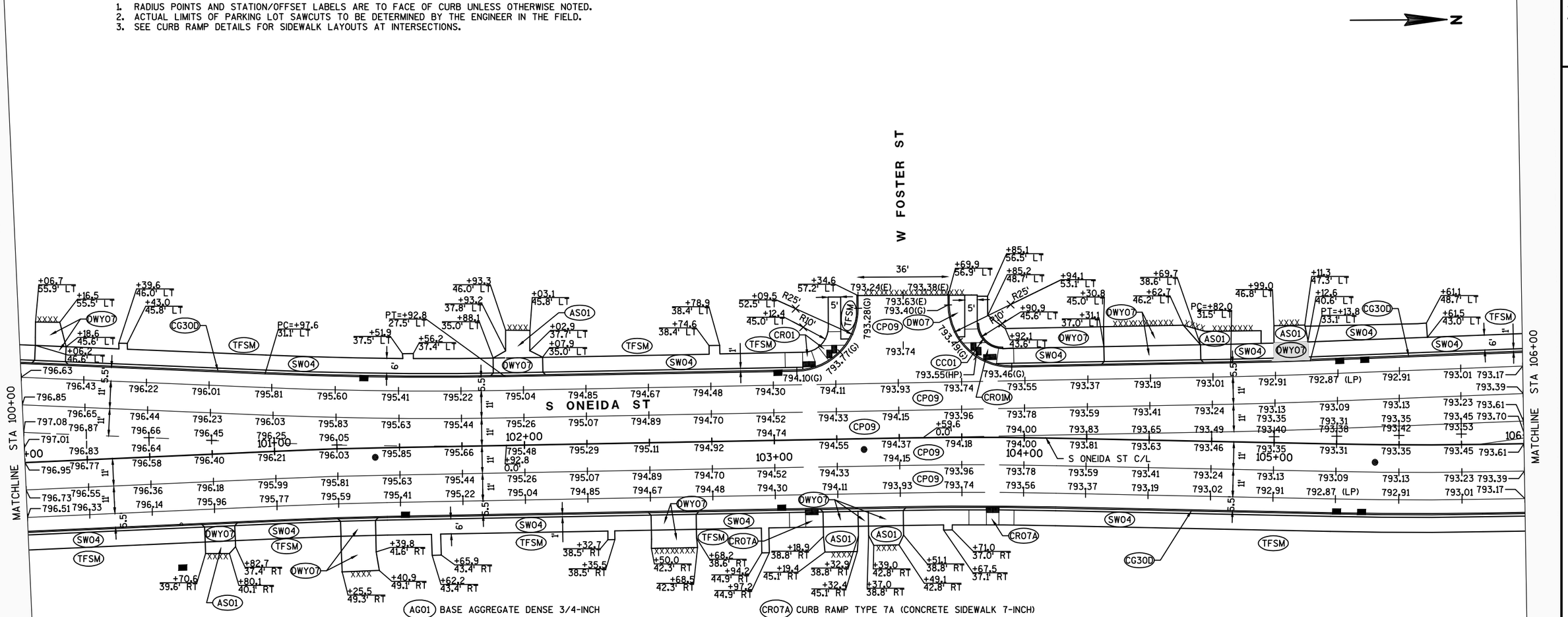


AG01	BASE AGGREGATE DENSE 3/4-INCH
ASO1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
ASO2	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CCO1	CONCRETE CURB PEDESTRIAN
CCO2	CONCRETE CURB TYPE A
CCO3	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 52	E

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 53	E

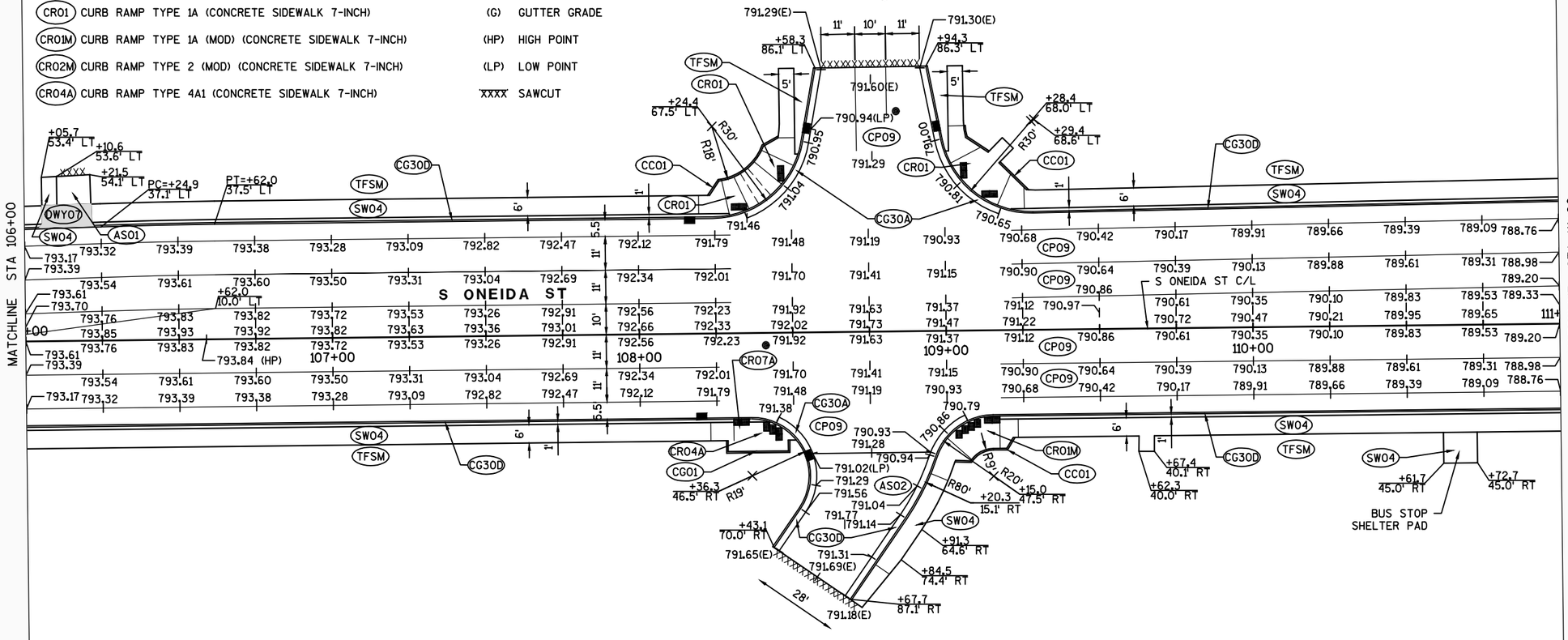
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 06
PLOT DATE : 6/30/2017 3:58 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

N

AG01	BASE AGGREGATE DENSE 3/4-INCH	CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH	CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH	CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
CC01	CONCRETE CURB PEDESTRIAN	DWY07	CONCRETE DRIVEWAY 7-INCH
CC02	CONCRETE CURB TYPE A	SW04	CONCRETE SIDEWALK 4-INCH
CC03	CONCRETE CURB TYPE D	TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A	■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A	●	MANHOLE
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	■	INLET
CP08	CONCRETE PAVEMENT 8-INCH	▭	HES CONCRETE PAVEMENT
CP09	CONCRETE PAVEMENT 9-INCH	(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)	(G)	GUTTER GRADE
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)	(HP)	HIGH POINT
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)	(LP)	LOW POINT
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)	XXXX	SAWCUT

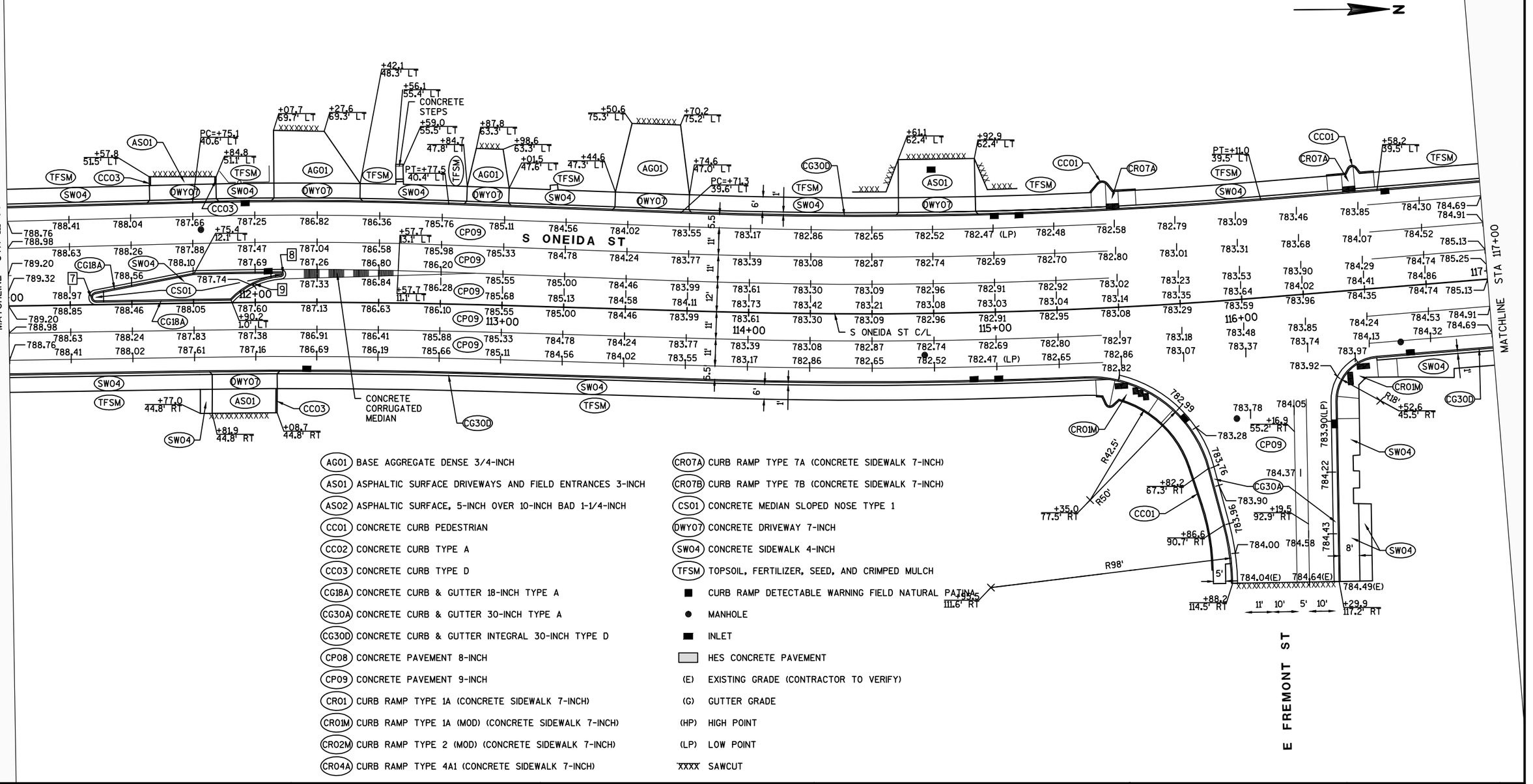


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 54	E

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

RADIUS POINT TABLE			
POINT	STATION	OFFSET	RADIUS (FACE OF CURB)
7	111+35.53	3.0' LT	R2.0'
8	112+10.42	11.4' LT	R1.0'
9	112+12.60	20.5' RT	R31.0'

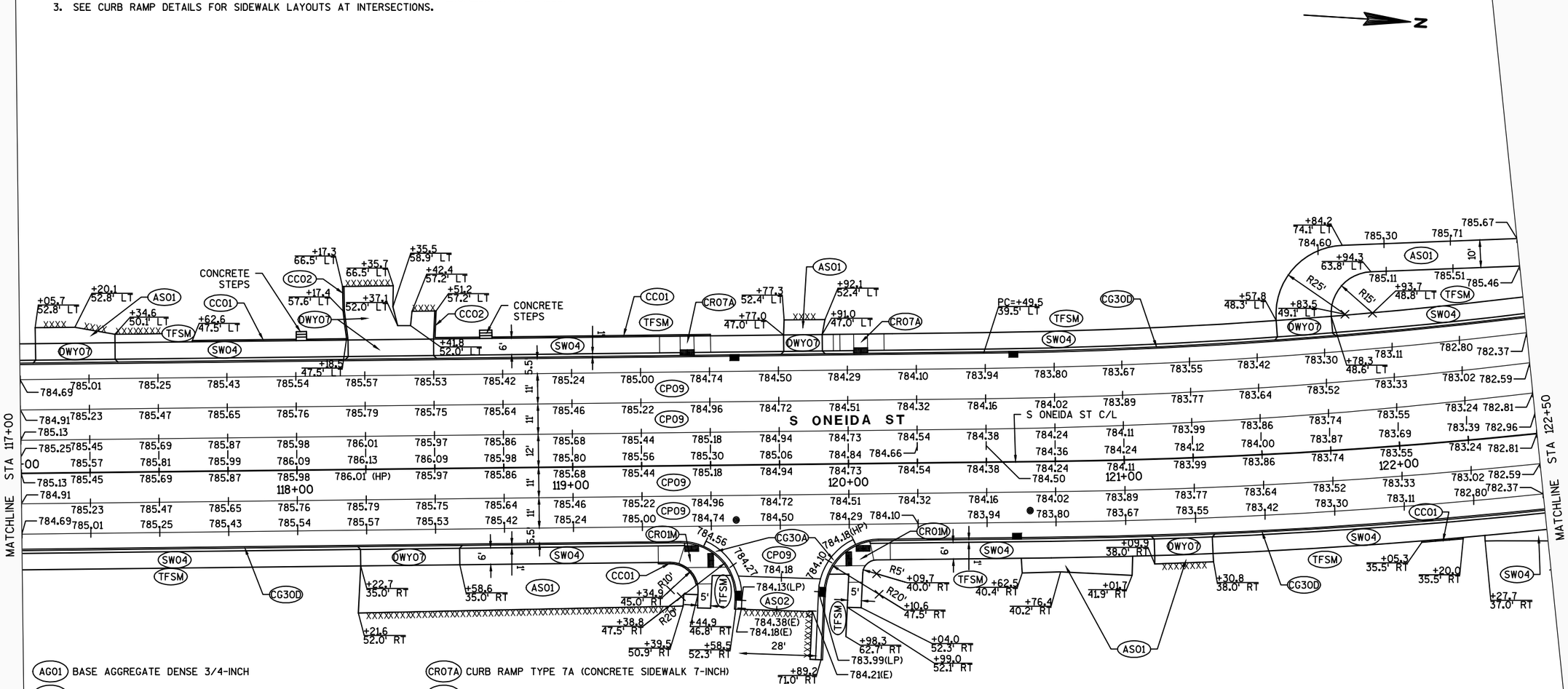


AG01	BASE AGGREGATE DENSE 3/4-INCH	CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH	CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH	CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
CC01	CONCRETE CURB PEDESTRIAN	DWY07	CONCRETE DRIVEWAY 7-INCH
CC02	CONCRETE CURB TYPE A	SW04	CONCRETE SIDEWALK 4-INCH
CC03	CONCRETE CURB TYPE D	TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A	■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A	●	MANHOLE
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	■	INLET
CP08	CONCRETE PAVEMENT 8-INCH	▭	HES CONCRETE PAVEMENT
CP09	CONCRETE PAVEMENT 9-INCH	(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)	(G)	GUTTER GRADE
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)	(HP)	HIGH POINT
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)	(LP)	LOW POINT
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)	XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 55	E

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



AG01	BASE AGGREGATE DENSE 3/4-INCH	CRO7A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
ASO1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH	CRO7B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
ASO2	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH	CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
CC01	CONCRETE CURB PEDESTRIAN	DWY07	CONCRETE DRIVEWAY 7-INCH
CC02	CONCRETE CURB TYPE A	SW04	CONCRETE SIDEWALK 4-INCH
CC03	CONCRETE CURB TYPE D	TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A	■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A	●	MANHOLE
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	■	INLET
CP08	CONCRETE PAVEMENT 8-INCH		HES CONCRETE PAVEMENT
CP09	CONCRETE PAVEMENT 9-INCH	(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
CRO1	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)	(G)	GUTTER GRADE
CRO1M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)	(HP)	HIGH POINT
CRO2M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)	(LP)	LOW POINT
CRO4A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)	XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 56	E

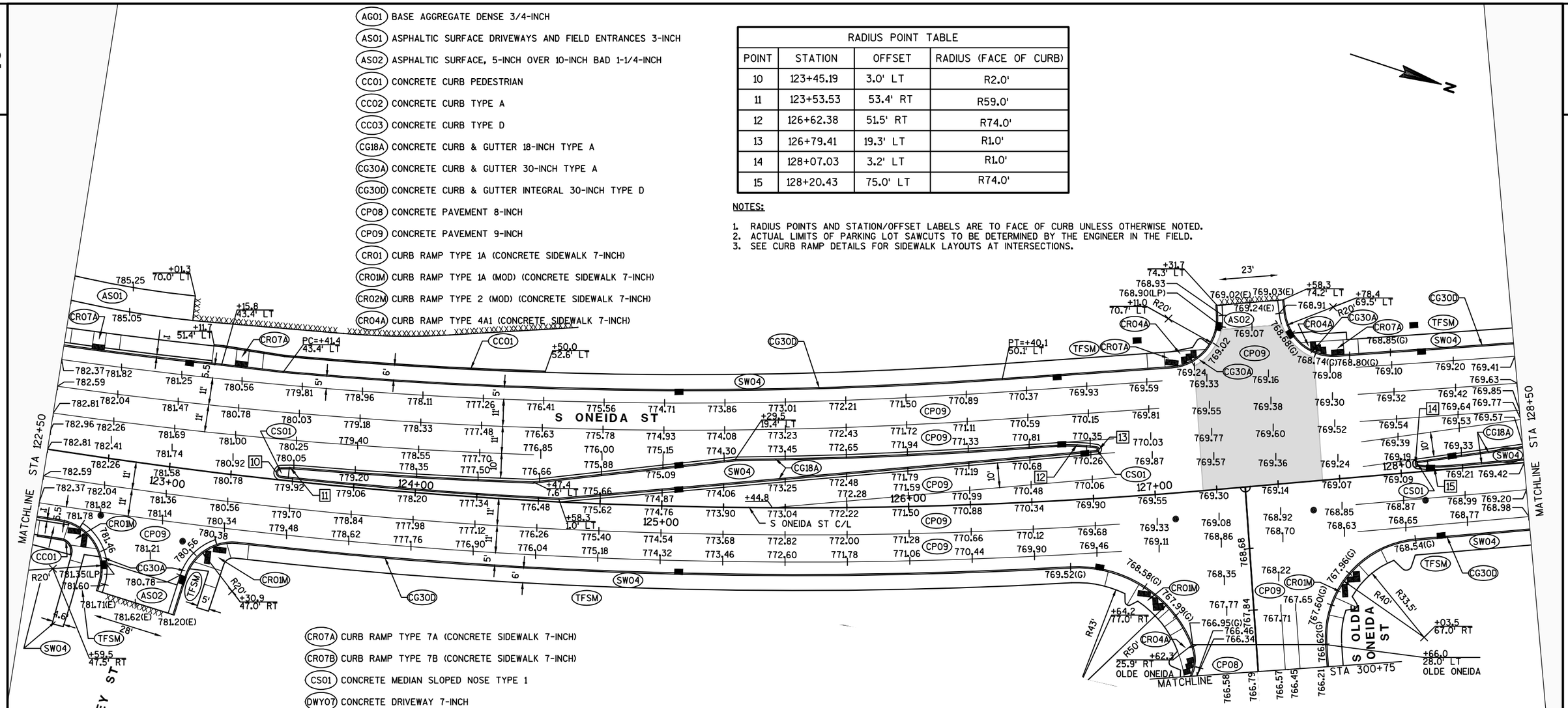
2

(AG01) BASE AGGREGATE DENSE 3/4-INCH
(AS01) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
(AS02) ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
(CC01) CONCRETE CURB PEDESTRIAN
(CC02) CONCRETE CURB TYPE A
(CC03) CONCRETE CURB TYPE D
(CG18A) CONCRETE CURB & GUTTER 18-INCH TYPE A
(CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A
(CG30D) CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
(CP08) CONCRETE PAVEMENT 8-INCH
(CP09) CONCRETE PAVEMENT 9-INCH
(CR01) CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
(CR01M) CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
(CR02M) CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
(CR04A) CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)

RADIUS POINT TABLE			
POINT	STATION	OFFSET	RADIUS (FACE OF CURB)
10	123+45.19	3.0' LT	R2.0'
11	123+53.53	53.4' RT	R59.0'
12	126+62.38	51.5' RT	R74.0'
13	126+79.41	19.3' LT	R1.0'
14	128+07.03	3.2' LT	R1.0'
15	128+20.43	75.0' LT	R74.0'

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

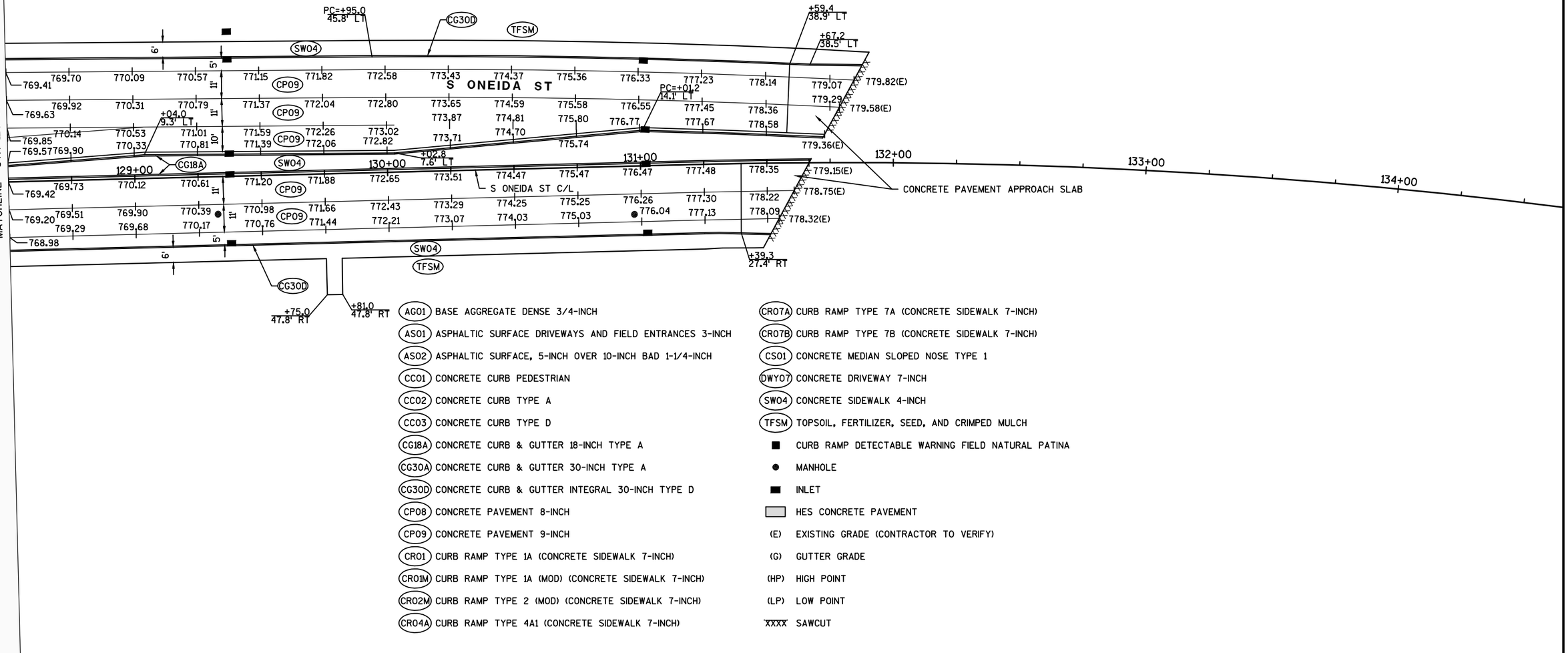


(CR07A) CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
(CR07B) CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
(CS01) CONCRETE MEDIAN SLOPED NOSE TYPE 1
(DWY07) CONCRETE DRIVEWAY 7-INCH
(SW04) CONCRETE SIDEWALK 4-INCH
(TFSM) TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■ CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
● MANHOLE
■ INLET
▭ HES CONCRETE PAVEMENT
(E) EXISTING GRADE (CONTRACTOR TO VERIFY)
(G) GUTTER GRADE
(HP) HIGH POINT
(LP) LOW POINT
XXXX SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 57	E

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS	SCALE, FEET 0 20 40	SHEET 58	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021101-ID.DWG
LAYOUT NAME - 021101-ID - 11

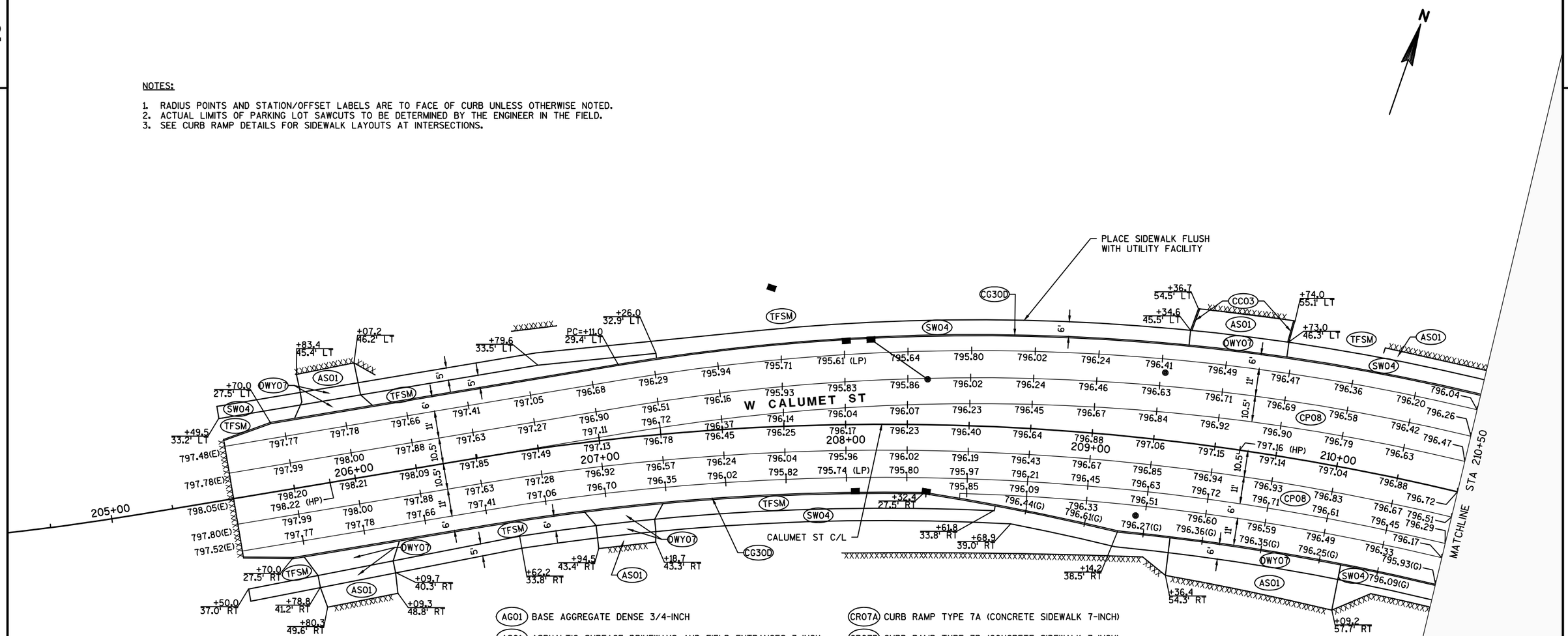
PLOT DATE : 6/30/2017 3:59 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



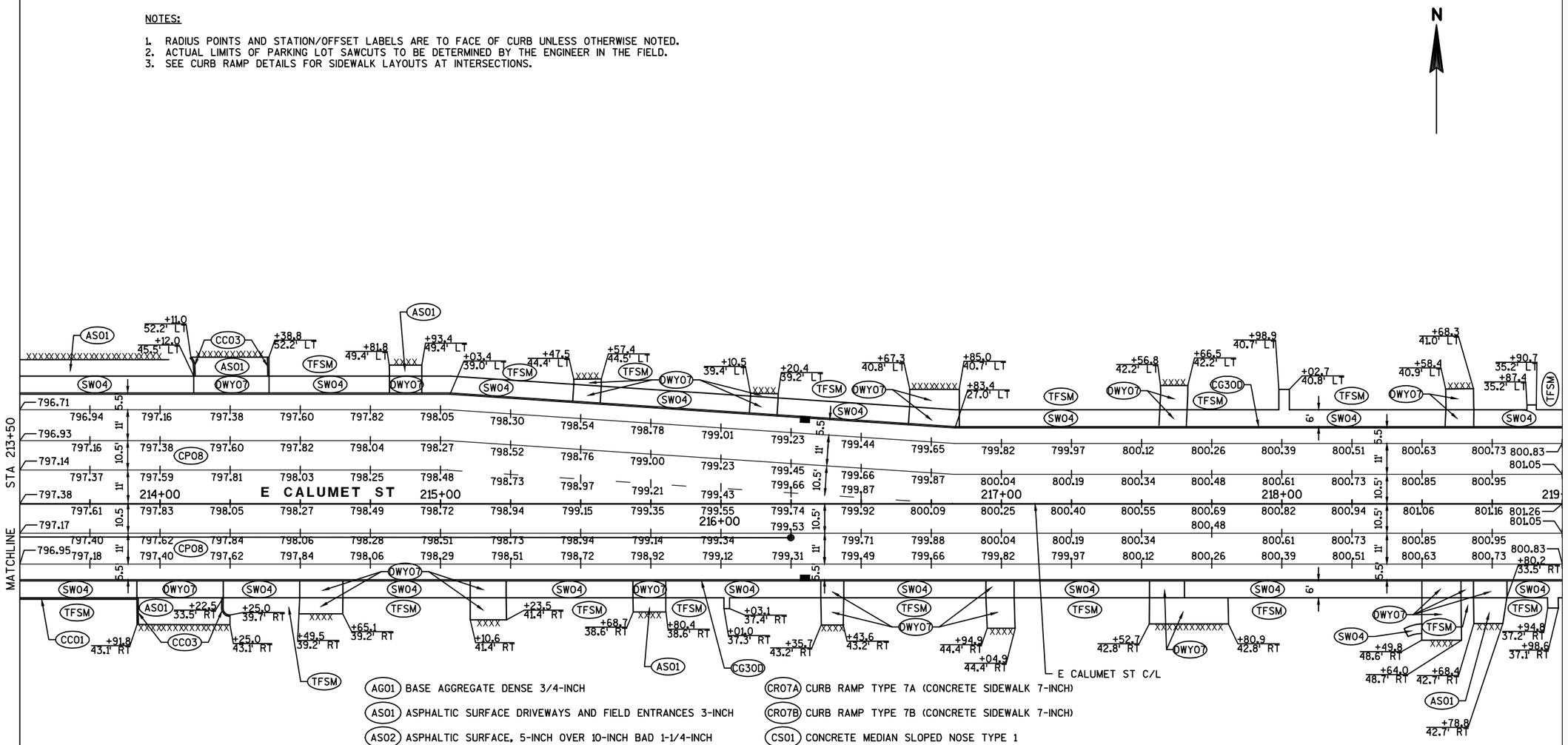
AGO1	BASE AGGREGATE DENSE 3/4-INCH
ASO1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
ASO2	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CCO1	CONCRETE CURB PEDESTRIAN
CCO2	CONCRETE CURB TYPE A
CCO3	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS - CALUMET ST	SCALE, FEET 0 20 40	SHEET 59	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021102-ID.DWG
LAYOUT NAME - 021102-ID - 01
PLOT DATE : 6/30/2017 3:59 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.



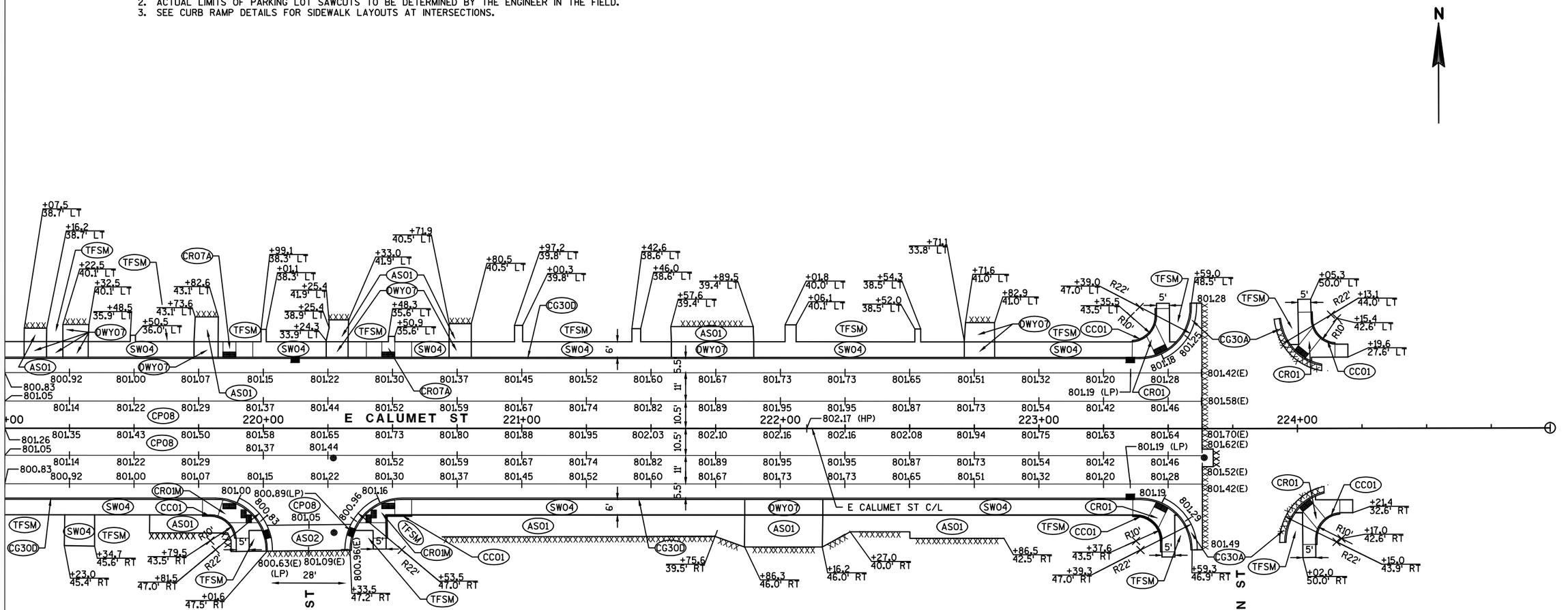
AG01 BASE AGGREGATE DENSE 3/4-INCH	CR07A CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
AS01 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH	CR07B CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
AS02 ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH	CS01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
CC01 CONCRETE CURB PEDESTRIAN	DWY07 CONCRETE DRIVEWAY 7-INCH
CC02 CONCRETE CURB TYPE A	SW04 CONCRETE SIDEWALK 4-INCH
CC03 CONCRETE CURB TYPE D	TFSM TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
CG18A CONCRETE CURB & GUTTER 18-INCH TYPE A	■ CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
CG30A CONCRETE CURB & GUTTER 30-INCH TYPE A	● MANHOLE
CG30D CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	■ INLET
CP08 CONCRETE PAVEMENT 8-INCH	HES CONCRETE PAVEMENT
CP09 CONCRETE PAVEMENT 9-INCH	(E) EXISTING GRADE (CONTRACTOR TO VERIFY)
CR01 CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)	(G) GUTTER GRADE
CR01M CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)	(HP) HIGH POINT
CR02M CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)	(LP) LOW POINT
CR04A CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)	XXXX SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS - CALUMET ST	SCALE, FEET 0 20 40	SHEET 60	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVING\021102-ID.DWG
LAYOUT NAME - 021102-ID - 02
PLOT DATE : 6/30/2017 3:59 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

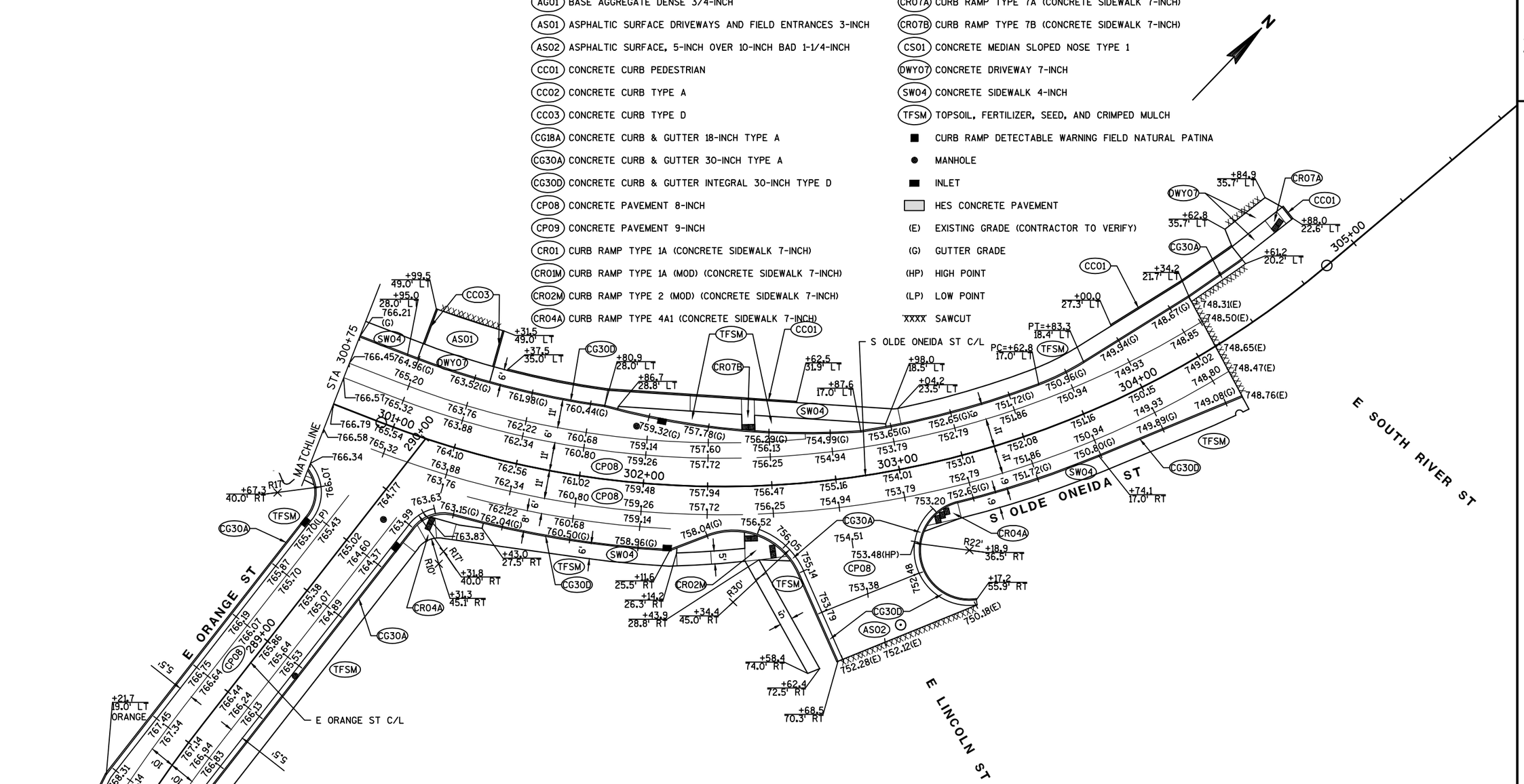


AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
AS02	ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
CC01	CONCRETE CURB PEDESTRIAN
CC02	CONCRETE CURB TYPE A
CC03	CONCRETE CURB TYPE D
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
CP08	CONCRETE PAVEMENT 8-INCH
CP09	CONCRETE PAVEMENT 9-INCH
CR01	CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
CR01M	CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
CR02M	CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
CR04A	CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
CR07A	CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
CR07B	CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
CS01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
DWY07	CONCRETE DRIVEWAY 7-INCH
SW04	CONCRETE SIDEWALK 4-INCH
TFSM	TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
●	MANHOLE
■	INLET
▭	HES CONCRETE PAVEMENT
(E)	EXISTING GRADE (CONTRACTOR TO VERIFY)
(G)	GUTTER GRADE
(HP)	HIGH POINT
(LP)	LOW POINT
XXXX	SAWCUT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS - CALUMET ST	SCALE, FEET 0 20 40	SHEET 61	E

2

(AG01) BASE AGGREGATE DENSE 3/4-INCH
(AS01) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 3-INCH
(AS02) ASPHALTIC SURFACE, 5-INCH OVER 10-INCH BAD 1-1/4-INCH
(CC01) CONCRETE CURB PEDESTRIAN
(CC02) CONCRETE CURB TYPE A
(CC03) CONCRETE CURB TYPE D
(CG18A) CONCRETE CURB & GUTTER 18-INCH TYPE A
(CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A
(CG30D) CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
(CP08) CONCRETE PAVEMENT 8-INCH
(CP09) CONCRETE PAVEMENT 9-INCH
(CR01) CURB RAMP TYPE 1A (CONCRETE SIDEWALK 7-INCH)
(CR01M) CURB RAMP TYPE 1A (MOD) (CONCRETE SIDEWALK 7-INCH)
(CR02M) CURB RAMP TYPE 2 (MOD) (CONCRETE SIDEWALK 7-INCH)
(CR04A) CURB RAMP TYPE 4A1 (CONCRETE SIDEWALK 7-INCH)
(CR07A) CURB RAMP TYPE 7A (CONCRETE SIDEWALK 7-INCH)
(CR07B) CURB RAMP TYPE 7B (CONCRETE SIDEWALK 7-INCH)
(CS01) CONCRETE MEDIAN SLOPED NOSE TYPE 1
(DWY07) CONCRETE DRIVEWAY 7-INCH
(SW04) CONCRETE SIDEWALK 4-INCH
(TFSM) TOPSOIL, FERTILIZER, SEED, AND CRIMPED MULCH
■ CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
● MANHOLE
■ INLET
HES CONCRETE PAVEMENT
(E) EXISTING GRADE (CONTRACTOR TO VERIFY)
(G) GUTTER GRADE
(HP) HIGH POINT
(LP) LOW POINT
XXXX SAWCUT



NOTES:

1. RADIUS POINTS AND STATION/OFFSET LABELS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ACTUAL LIMITS OF PARKING LOT SAWCUTS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
3. SEE CURB RAMP DETAILS FOR SIDEWALK LAYOUTS AT INTERSECTIONS.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVING DETAILS - S OLDE ONEIDA ST	SCALE, FEET 0 20 40	SHEET 62	E

2

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

N

W VALLEY RD

S ONEIDA ST

E ROELAND AVE

E HOOVER AVE

MATCHLINE STA 76+00

70+00 71+00 72+00 73+00 74+00 75+00 76+

BLOCK RETAINING WALL

BLOCK RETAINING WALL

10" PVC

18" PVC

12" PVC

18"

10" PVC

8" PVC

18"

15" PVC (ABANDONED)

15" PVC

15" PVC (ABANDONED)

15" PVC (ABANDONED)

15" PVC

12" PVC

12" PVC

15" RCP (ABANDONED)

12" RCP (ABANDONED)

42"

42"

42"

12" PVC

6" PVC

6" PVC

8" PVC

6" PVC

12" RCP

24" RCP

SS

MH

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 63	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 01

PLOT DATE : 6/30/2017 9:52 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

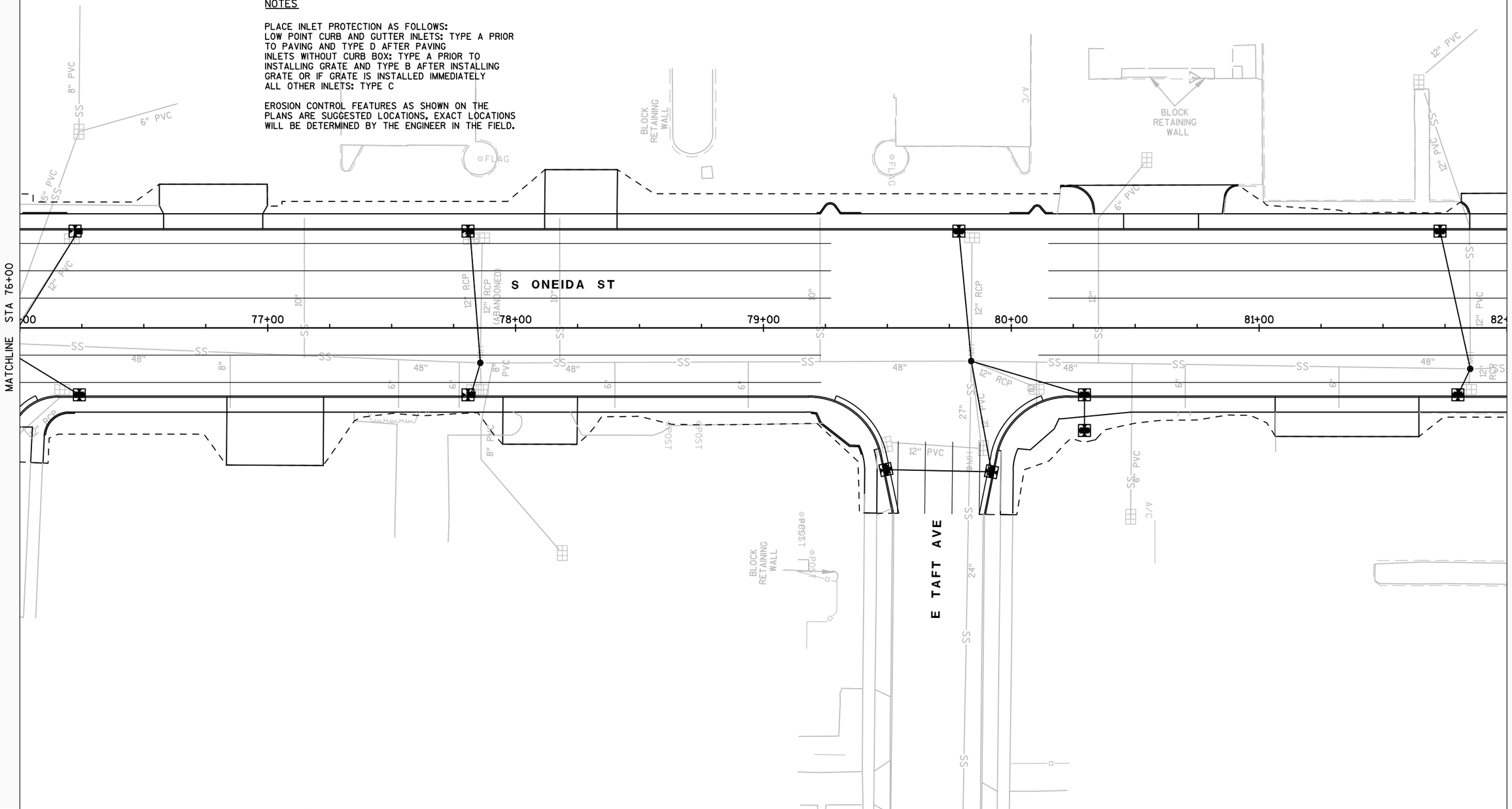
CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 64	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 02

PLOT DATE : 6/30/2017 9:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

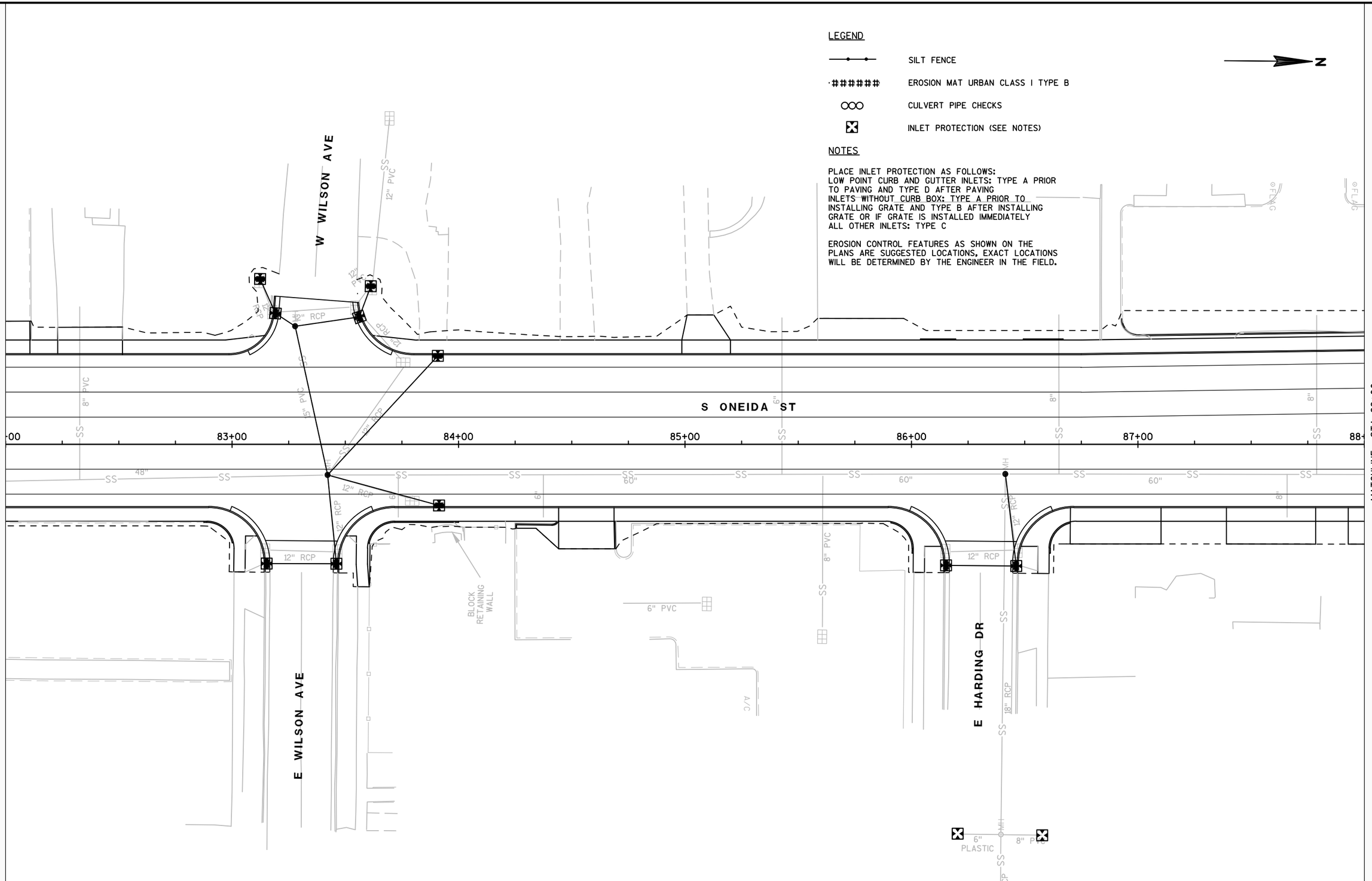
INLET PROTECTION (SEE NOTES)

N

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 65	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 03

PLOT DATE : 6/30/2017 9:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

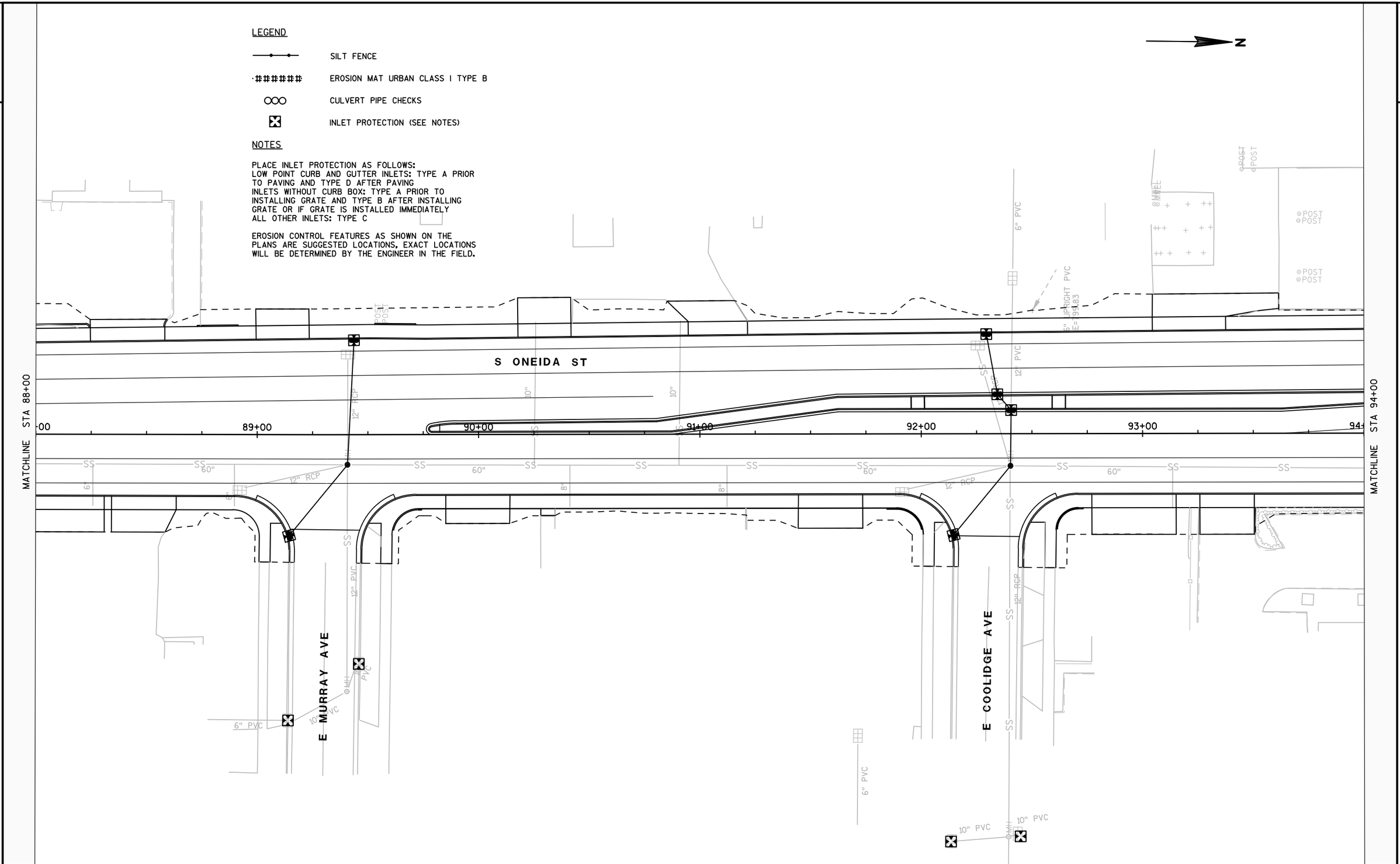
CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 66	E

2

2

MATCHLINE STA 94+00

MATCHLINE STA 100+00

MATCHLINE STA 210+50

MATCHLINE STA 213+50

N

CALUMET ST

E CALUMET ST

S ONEIDA ST

RAMLEN CT

95+00

96+00

97+00

98+00

99+00

100

210+00

211+00

212+00

213+00

15" PVC

12" PVC

6" PVC

12" RCP

36" RCP

30" RCP

18" RCP

60" SS

12" SS

8" SS

12" PLASTIC

12" RCP (ABANDONED)

MWEL

POST

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 67	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 05

PLOT DATE : 6/30/2017 9:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

N

W FOSTER ST

S ONEIDA ST

MATCHLINE STA 100+00

MATCHLINE STA 106+00

101+00 102+00 103+00 104+00 105+00

FLAG

TIMBER WALL

WOOD FENCE

WOOD FENCE

8" PVC

12" RCP 12" RCP 12" RCP 12" RCP 12" RCP

6" PVC 6" PVC 6" PVC 6" PVC

12" PVC 12" PVC

60" 60" 60" 60" 60" 60"

SS 8" 12" 6" 12"

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 68	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 06

PLOT DATE : 6/30/2017 9:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

N

W SEYMOUR ST

S ONEIDA ST

MATCHLINE STA 106+00

MATCHLINE STA 111+00

107+00 108+00 109+00 110+00

8" PVC

12" RCP

48" (ABANDONED)

MH

SS

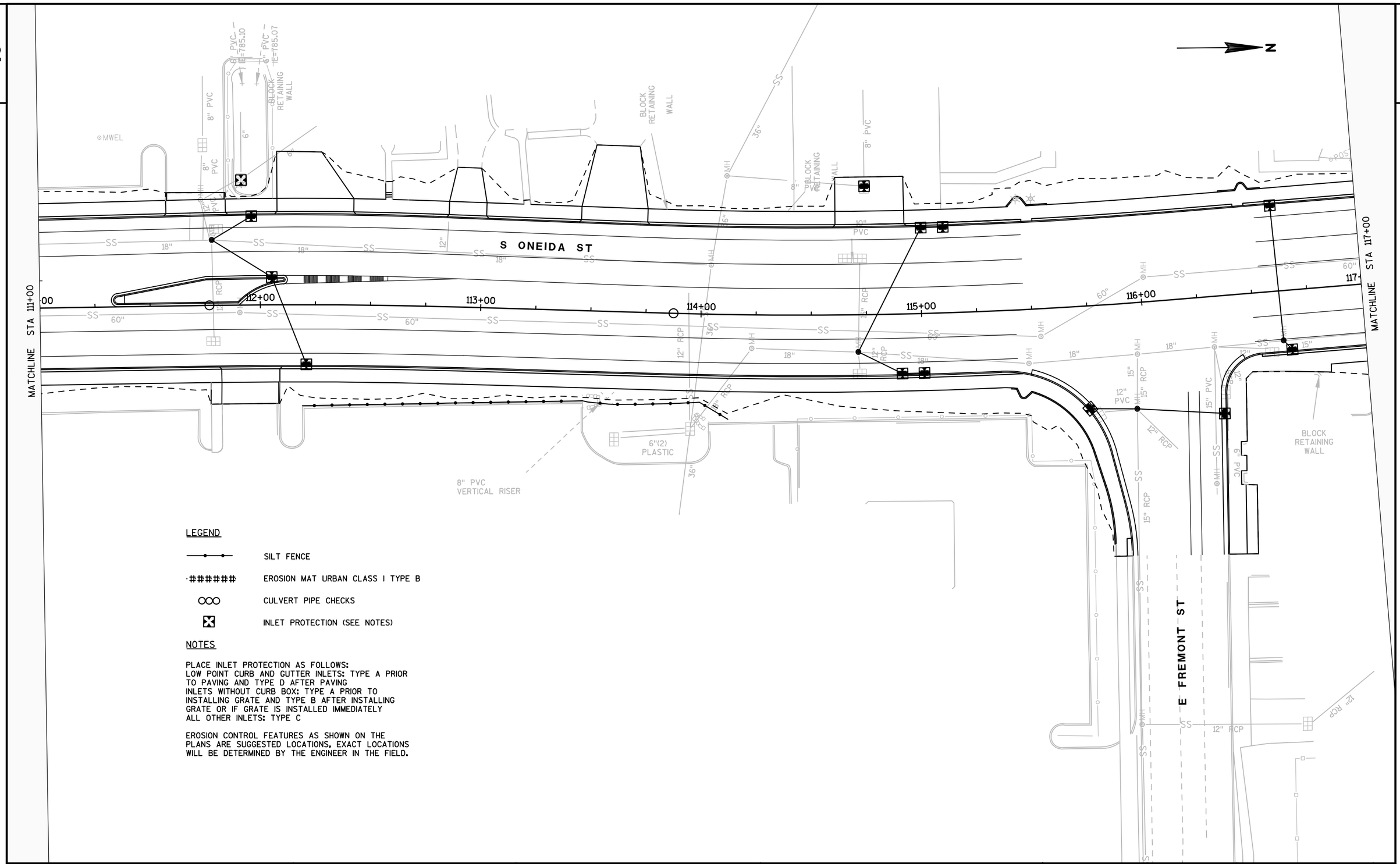
60"

18"

FLAG

12" PVC

2



LEGEND

——•——•——	SILT FENCE
·######	EROSION MAT URBAN CLASS I TYPE B
○○○	CULVERT PIPE CHECKS
⊠	INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 70	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 08
PLOT DATE : 6/30/2017 9:54 AM
PLOT BY : BECKENDORF, RANDY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
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ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

N

MATCHLINE STA 117+00

MATCHLINE STA 122+50

S ONEIDA ST

E HARRISON ST

117+00 118+00 119+00 120+00 121+00 122+00

8" PVC 10" PVC BLOCK RETAINING WALL 12" RCP 4" PLASTIC 15" RCP 6" PVC POST MWEL MH 60" 12" 15" 6" 15" PLASTIC

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 71	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 09
PLOT DATE : 6/30/2017 9:54 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

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LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
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ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

S ONEIDA ST

MATCHLINE STA 122+50

MATCHLINE STA 128+50

MATCHLINE STA 300+75

S OLDE ONEIDA ST

E MCKINLEY ST

123+00 124+00 125+00 126+00 127+00 128+00

8" PVC SS 6" CPP 12" PLASTIC 15" PLASTIC 15" RCP 12" RCP 60" MH SS 8" PVC TIMBER WALL 4" PVC ABANDONED?

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 72	E

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

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LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

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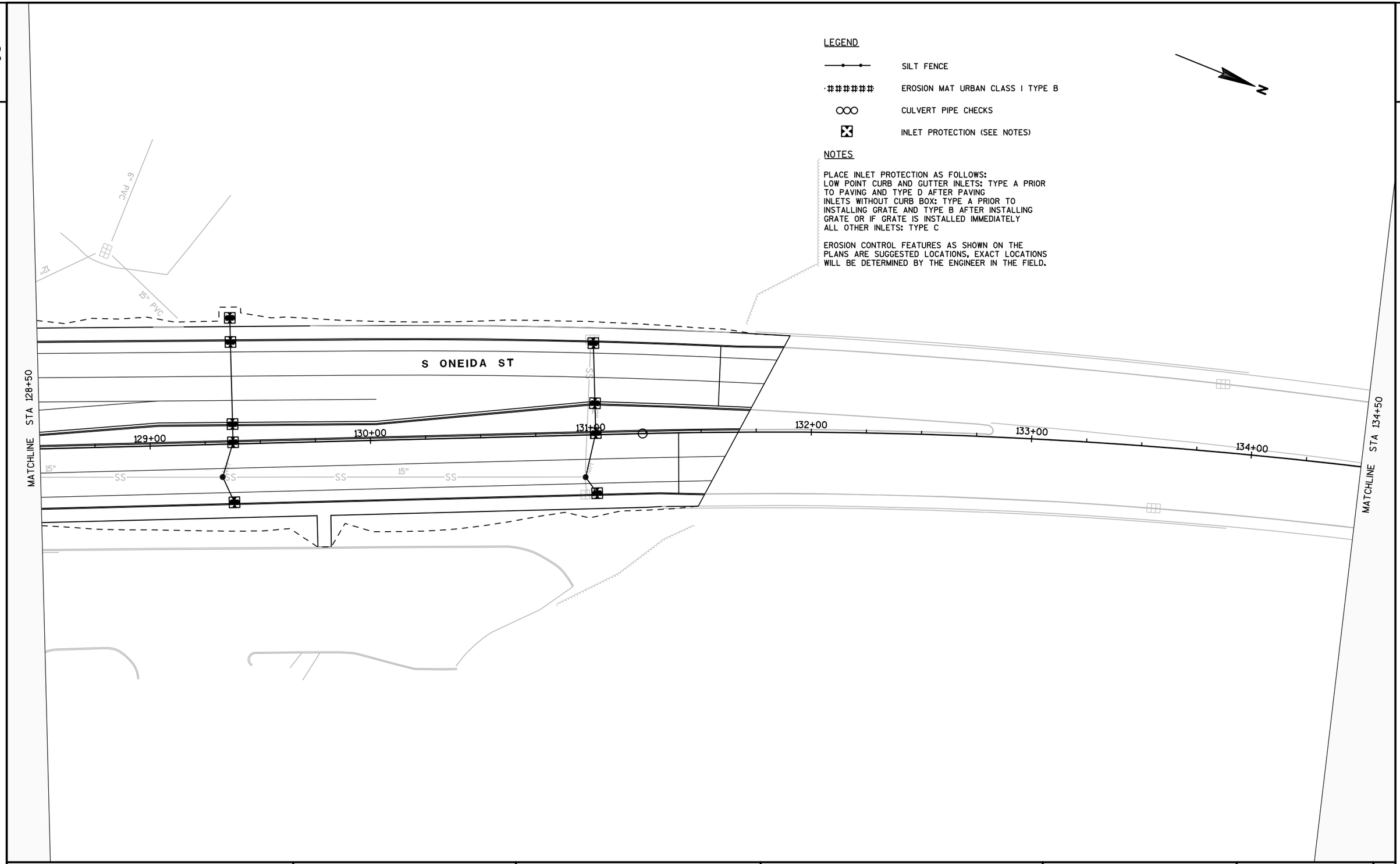

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 73	E

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE C AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

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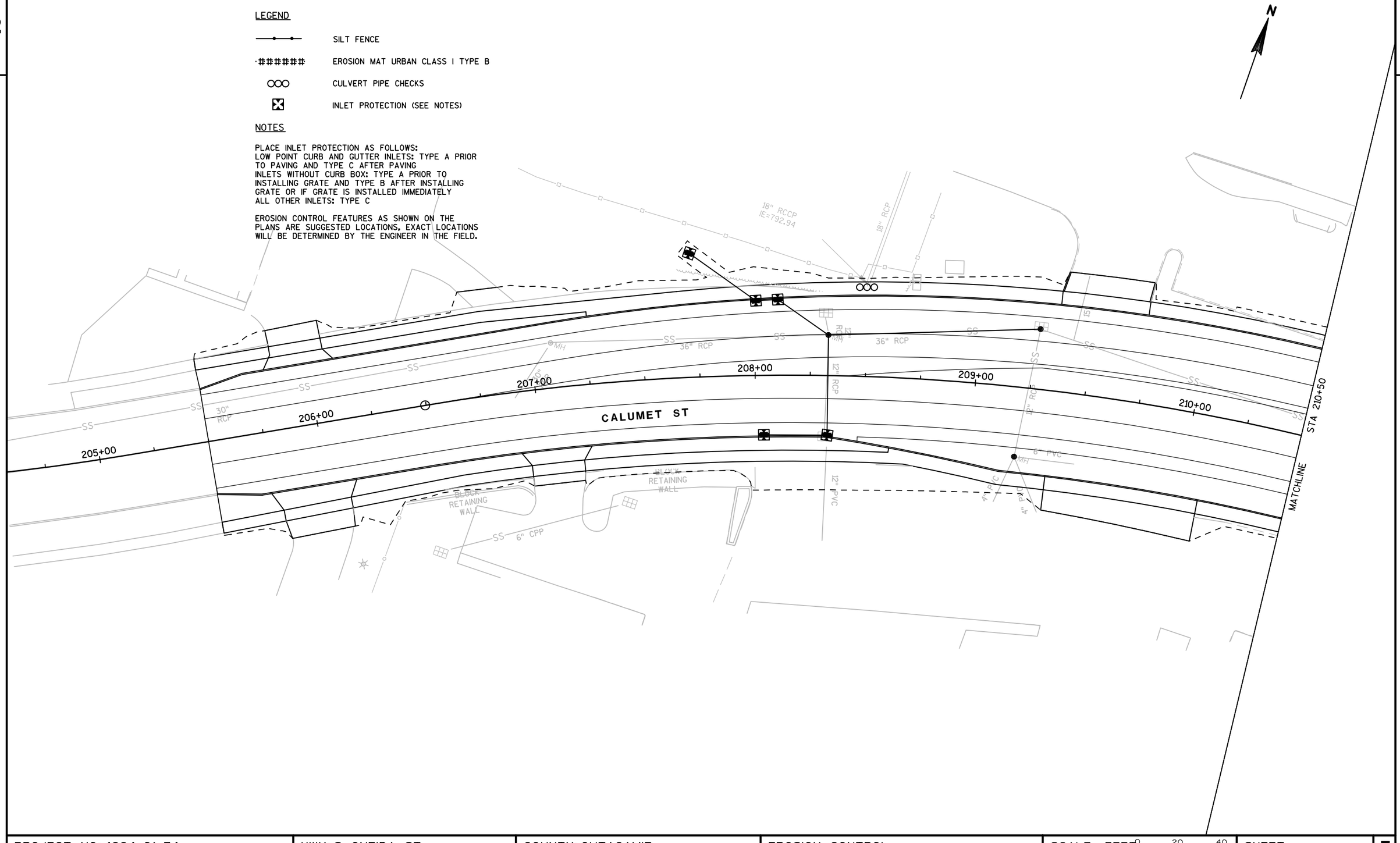


2

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE C AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

N

STA 213+50

214+00 215+00 216+00 217+00 218+00 219+00

CALUMET ST

MATCHLINE

SS 12" PLASTIC SS

BLOCK RETAINING WALL

12" RCP

8" PVC SAN

TIMBER WALL

WELL

BLOCK RETAINING WALL

POST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 75	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 13

PLOT DATE : 6/30/2017 9:54 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

SILT FENCE

EROSION MAT URBAN CLASS I TYPE B

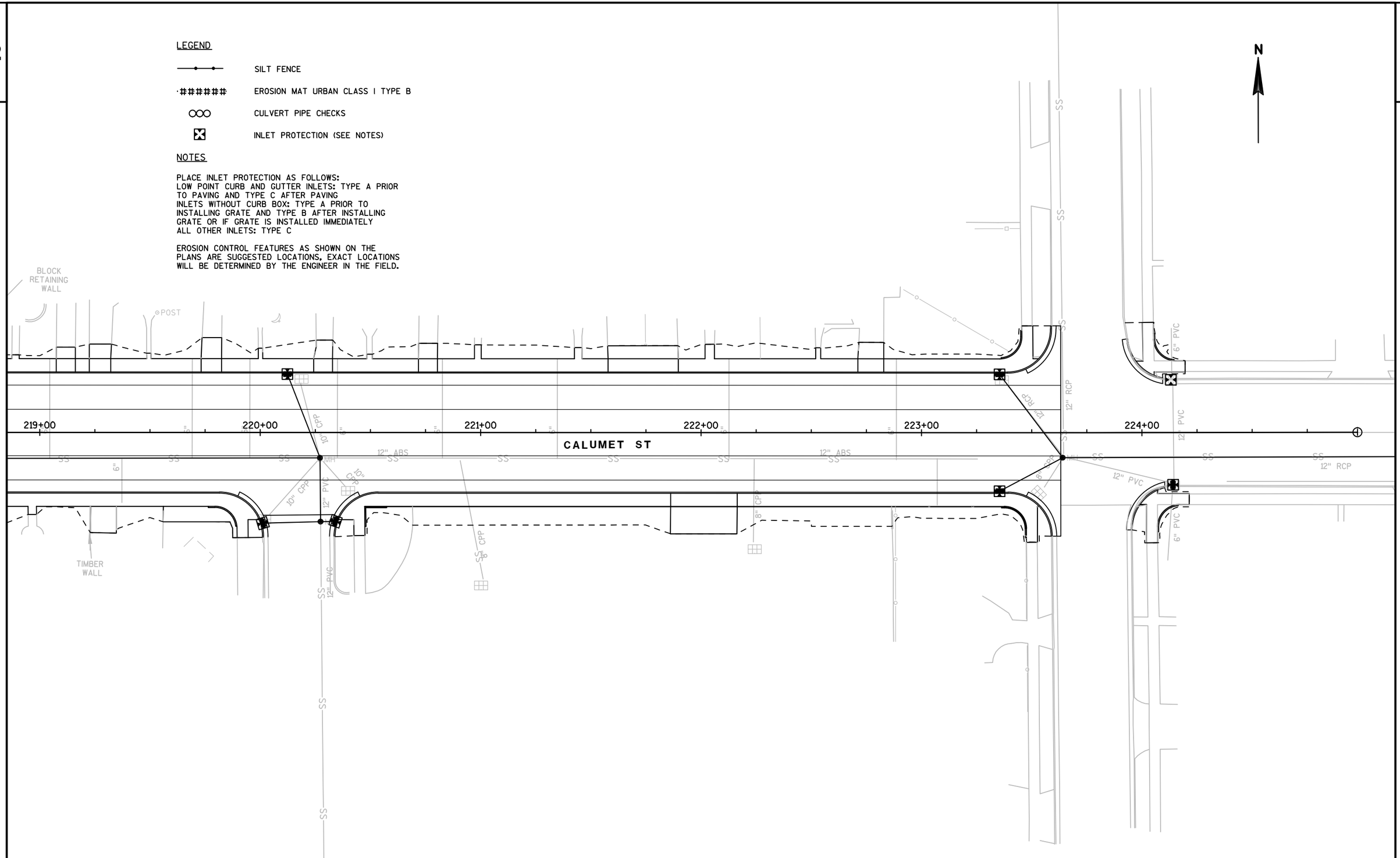
CULVERT PIPE CHECKS

INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE C AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



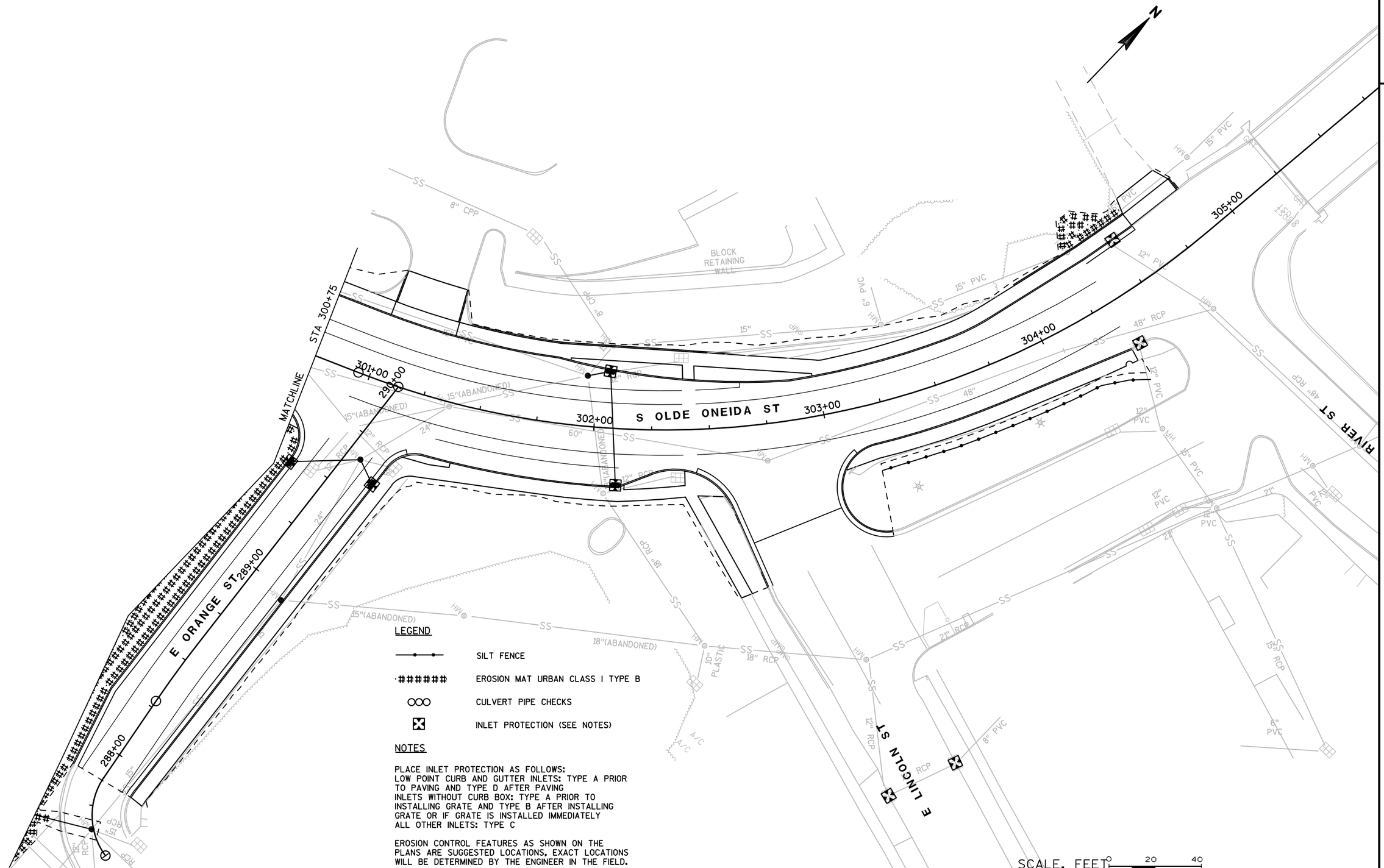
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL	SCALE, FEET 0 20 40	SHEET 76	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\EROSION CONTROL\022001-EC.DWG
LAYOUT NAME - 022001-EC - 14

PLOT DATE : 6/30/2017 9:55 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

——•—•——	SILT FENCE
·######	EROSION MAT URBAN CLASS I TYPE B
○○○	CULVERT PIPE CHECKS
⊠	INLET PROTECTION (SEE NOTES)

NOTES

PLACE INLET PROTECTION AS FOLLOWS:
LOW POINT CURB AND GUTTER INLETS: TYPE A PRIOR TO PAVING AND TYPE D AFTER PAVING
INLETS WITHOUT CURB BOX: TYPE A PRIOR TO INSTALLING GRATE AND TYPE B AFTER INSTALLING GRATE OR IF GRATE IS INSTALLED IMMEDIATELY
ALL OTHER INLETS: TYPE C

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EROSION CONTROL		SHEET 77	E

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP104	73+64, 32' RT	MagNail in concrete sidewalk on the east side of Oneida St	801.84

VANZEELAND OIL CO
2661

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

H & S INVESTMENT GROUP
2639

STAFFORD
2545

W VALLEY RD

S ONEIDA ST

E ROELAND AVE

E HOOVER AVE

CAUTION

TLE

RS

SLOPE INTERCEPT

R/W

STA 74+33.4, 49.4' LT
ADJUST INLET (2)

STA 72+68.9, 39.0' LT
INLETS 2x3-H (1A)

STA 72+80.3, 39.0' LT
MOVE INLET (1B)

PIPE COLLAR REQUIRED.
CONTRACTOR TO VERIFY
EXISTING INVERT ELEVATION

STA 74+45.5, 39.0' LT
MOVE INLET (3A)

PIPE COLLAR REQUIRED.
CONTRACTOR TO VERIFY
EXISTING INVERT ELEVATION

STA 72+85.5, 1.7' RT
RECONSTRUCT MH (1)

S ONEIDA ST C/L

STA 74+50.4, 5.9' RT
RECONSTRUCT MH (3)

STA 75+94.0, 8.6' RT
RECONSTRUCT MH (4)

PIPE COLLAR REQUIRED.
CONTRACTOR TO VERIFY
EXISTING INVERT ELEVATION

STA 72+68.9, 27.0' RT
INLETS 2x3-H (1C)

STA 72+79.1, 27.0' RT
MOVE INLET (1D)

STA 74+45.5, 27.0' RT
MOVE INLET (3B)

STA 75+91.8, 54.0' RT
RECONSTRUCT MH (5)

CP104

STA 75+63.6, 43.6' RT
INLETS 2x3-H-S (5A)

STA 75+95.8, 41.9' RT
INLETS 2x3-H-S (5B)

E HOOVER AVE C/L

EXISTING R/W

RP

STA 76+00.00

MATCHLINE

70 71 72 73 74 75

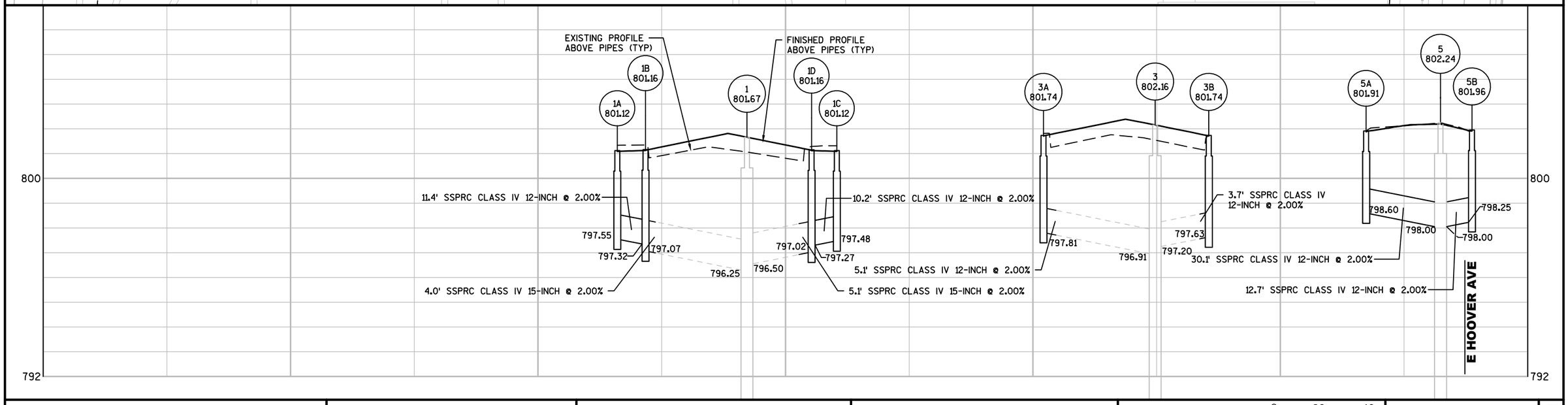
NOT FIELD VERIFIED

COMMUNITY FIRST CREDIT UNION
2626

COMMUNITY FIRST CREDIT UNION
2616

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 78	E

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP103	79+72, 54' LT	MagNail in asphalt west of sidewalk	805.11

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

STA 76+00.00

STA 82+00.00

MATCHLINE

MATCHLINE

STAFFORD 2545

HAVAN INVESTMENTS 2501

HAVAN INVESTMENTS 2437

KC PROP CO 2407

BRUNDRIDGE 2530

A & S ENTERPRISES 2500

FLEMING 2418

SIMPSON'S RED OX 2318

S ONEIDA ST

S ONEIDA ST C/L

E TAFT AVE

E TAFT AVE C/L

EXISTING R/W

CAUTION

CP103

4A STA 76+23.6, 39.0' LT MOVE INLET

PIPE COLLAR REQUIRED. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION

4B STA 76+24.0, 27.0' RT INLETS 2x3-H-S

6A STA 77+81.6, 39.0' LT MOVE INLET

PIPE COLLAR REQUIRED. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION

6 STA 77+85.8, 14.2' RT RECONSTRUCT MH

PIPE COLLAR REQUIRED. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION

6B STA 77+82.0, 27.0' RT MOVE INLET

SLOPE INTERCEPT

8A STA 79+78.9, 39.0' LT INLETS 2x3-H-S

8 STA 79+83.9, 13.4' RT RECONSTRUCT MH

8C STA 79+49.4, 57.2' RT INLETS 2x3-H-S

8B STA 80+29.5, 27.0' RT INLETS 4-H-S

8D STA 79+92.0, 58.1' RT INLETS 4-H-S

7 STA 80+29.5, 41.4' RT INLETS 3-C

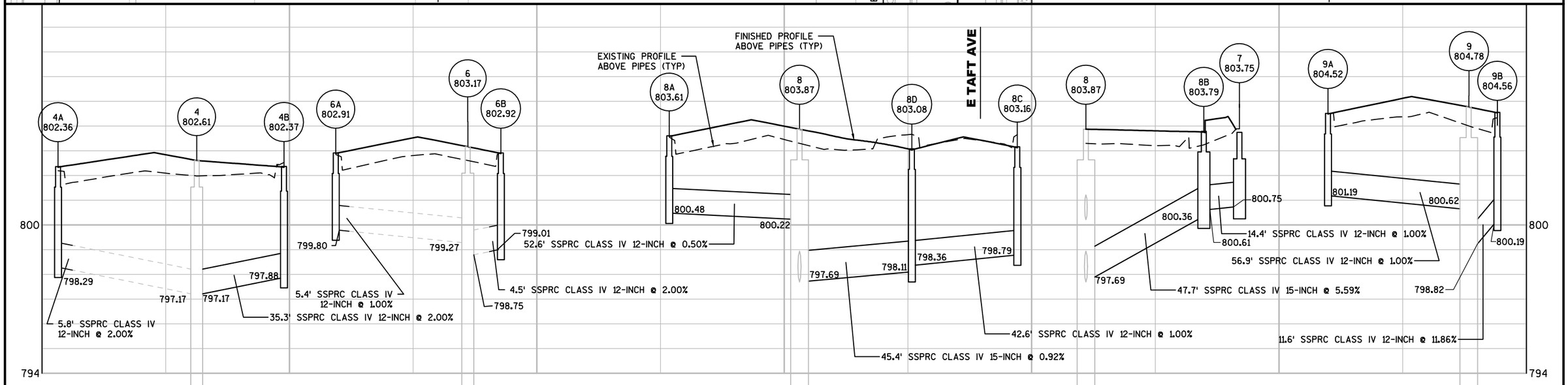
9 STA 81+85.2, 16.6' RT RECONSTRUCT MH

9A STA 81+72.9, 39.0' LT INLETS 2x3-H

9B STA 81+80.2, 27.0' RT INLETS 2x3-H

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 79	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 02

PLOT DATE : 6/30/2017 9:56 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

RENARD 2405

W WILSON AVE C/L

STA 83+12.4, 73.0' LT INLETS 4-C (10A)

STA 83+19.1, 57.9' LT INLETS 2x3-H-S (10B)

STA 83+27.9, 52.1' LT MANHOLES 4-J (10)

PIPE COLLAR REQUIRED. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION

STA 83+61.3, 69.8' LT INLETS 4-C (10C)

LUTZ 2317

STA 83+56.2, 56.3' LT INLETS 2x3-H-S (10D)

STA 83+90.9, 39.0' LT INLETS 2x3-H-S (11A)

GTO DEVELOPMENT 2309

SLOPE INTERCEPT

THE LAUNDRY CHUTE 2301

CAUTION

HAVAN INVESTMENTS 2215

S ONEIDA ST

STA 82+00.00

STA 88+00.00

MATCHLINE

STA 83+42.2, 13.6' RT RECONSTRUCT MH (11)

S ONEIDA ST C/L

STA 83+91.4, 27.0' RT INLETS 2x3-H-S (11B)

STA 86+41.4, 13.1' RT RECONSTRUCT MH (12)

BM5

STA 83+15.3, 52.7' RT INLETS 2x3-H-S (11C)

STA 83+46.1, 52.8' RT INLETS 4-H-S (11D)

SIMPSON'S RED OX 2318

STA 86+15.2, 53.5' RT INLETS 2x3-H-S (12A)

STA 86+46.2, 53.7' RT INLETS 4-H-S (12B)

VERRIER 2214

DEWITT 2306

E WILSON AVE

E HARDING DR

E WILSON AVE C/L

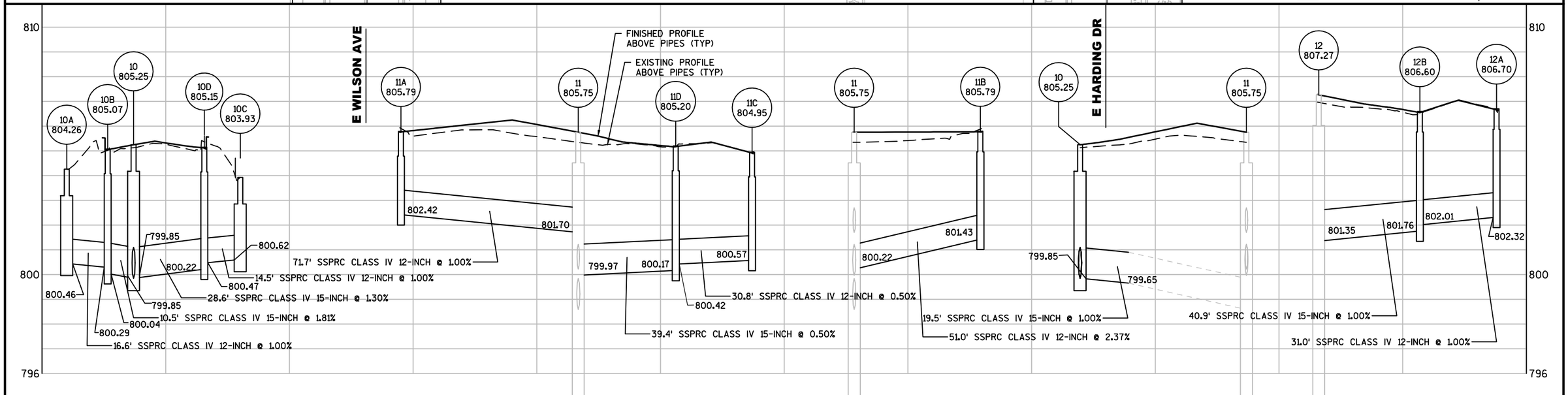
E HARDING DR C/L

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM5	83+08, 39' RT	Top nozzle north side of hydrant at the SE quadrant of the Wilson Ave intersection.	808.55

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 80	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 03

PLOT DATE : 8/29/2017 9:41 AM PLOT BY : SILVA, DIEGO PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

HAVAN INVESTMENTS 2215

NIEMUTH'S SOUTHSIDE MARKET 2121

CAUTION

OCONNOR CHIROPRACTIC 2021

JS FOOD MART II 2005

SLOPE INTERCEPT

MATCHLINE STA 88+00.00

MATCHLINE STA 94+00.00

S ONEIDA ST

STA 89+43.8, 42.7' LT INLETS 2x3-H-S (13A)

STA 89+40.8, 13.6' RT RECONSTRUCT MH (13)

STA 89+14.5, 45.6' RT INLETS 2x3-H-S (13B)

STA 92+29.4, 45.0' LT INLETS 2x3-H-S (14A)

STA 92+34.4, 17.8' LT INLETS 4-Z (14B)

STA 92+40.6, 10.7' LT INLETS 4-Z (14C)

STA 92+40.3, 14.5' RT RECONSTRUCT MH (14)

STA 92+14.5, 45.8' RT INLETS 2x3-H-S (14D)

S ONEIDA ST C/L

E MURRAY AVE C/L

E COOLIDGE AVE C/L

STAFFORD 2206

STAFFORD 2200

MARY'S RESTAURANT 2106

CASTILLO 2018

DAIRY QUEEN 2000

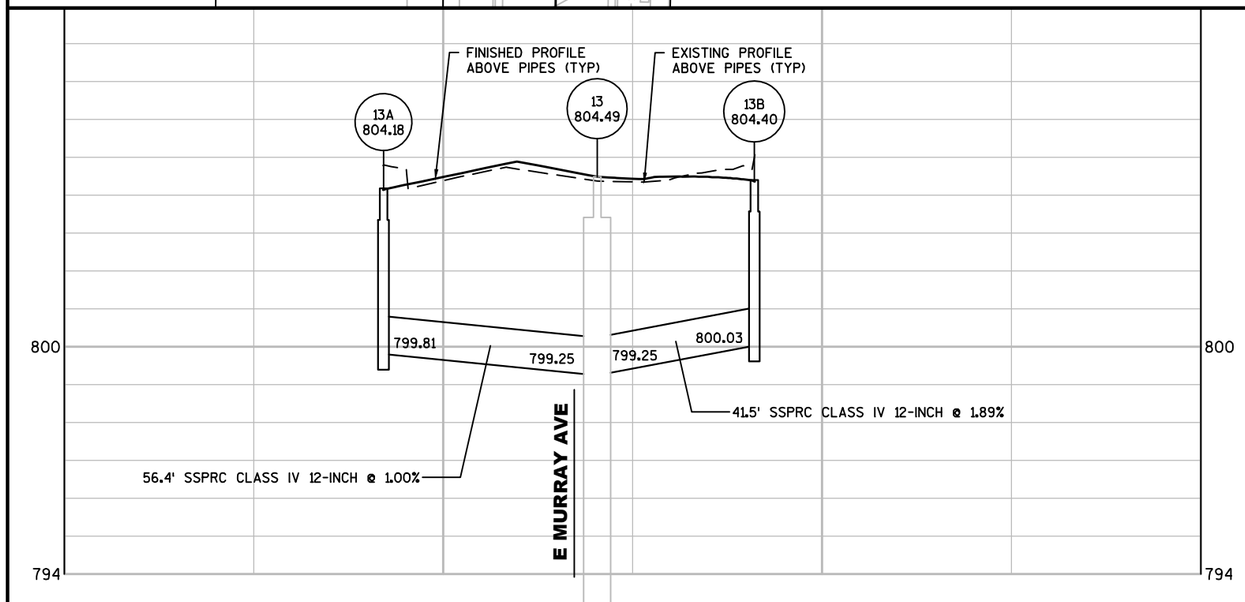
BM4

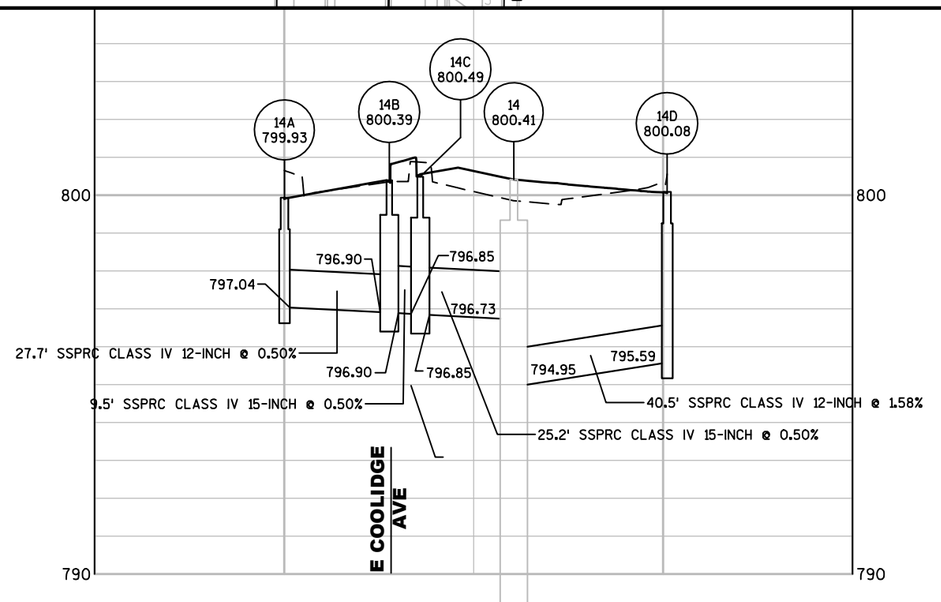
BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM4	92+55, 40' RT	Top nozzle west side of hydrant on the north side of the Coolidge Ave intersection.	802.35

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER





PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 81	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 04

PLOT DATE : 6/30/2017 9:57 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

STA 94+00.00 — MATCHLINE — STA 100+00.00

JS FOOD MART II 2005 — ONEIDA RESTAURANT 1919 — WALTRUST 1901 — EFTHIMIOU 1831 — DAIRY QUEEN 2000 — PIZZA HUT 1924 — PIZZA HUT 1918 — US BANK NATIONAL ASSOCIATION 1914 — KENNEDY 1906 — WILLIAMSON 1830

CALUMET ST — E CALUMET ST C/L — S ONEIDA ST — S ONEIDA ST C/L — RAMLEN CT — RAMLEN CT C/L — EXISTING R/W — SLOPE INTERCEPT — ADJUST MH — RECONSTRUCT MH — CAUTION

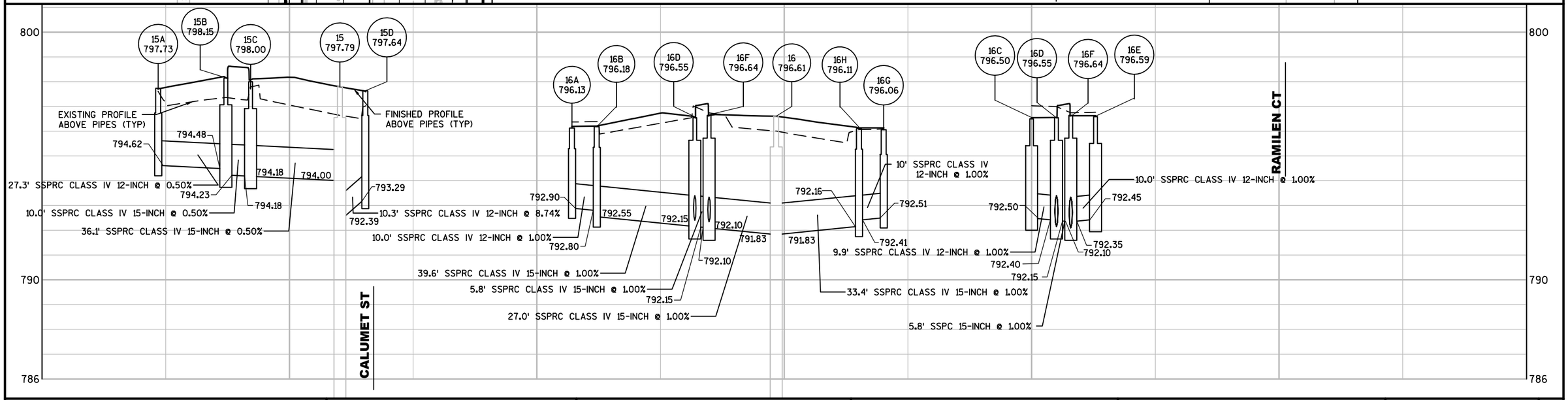
15A STA 94+33.4, 46.6' LT INLETS 2x3-H
15B STA 94+36.0, 19.4' LT INLETS 4-Z
15C STA 94+45.3, 15.7' LT INLETS 4-Z
15 STA 94+62.1, 16.2' RT RECONSTRUCT MH
15D STA 94+62.1, 26.5' RT INLETS 2x3-H
16 STA 96+37.1, 5.8' RT RECONSTRUCT MH
16A STA 96+73.4, 46.1' LT INLETS 2x3-H
16B STA 96+63.4, 46.1' LT INLETS 2x3-H
16C STA 96+73.4, 7.0' LT INLETS 4-Z
16D STA 96+63.4, 6.5' LT INLETS 4-Z
16E STA 96+73.4, 0.7' LT INLETS 4-Z
16F STA 96+63.4, 0.7' LT INLETS 4-Z
16G STA 96+73.4, 26.5' RT INLETS 2x3-H
16H STA 96+63.4, 26.5' RT INLETS 4-H

CP100

BM3

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP100	96+09, 4' LT	Chiseled T in the south end of the north leg concrete median of the Oneida St and Calumet St intersection	796.84
BM3	97+79, 41' RT	NW corner of first concrete step at House # 1914	798.08



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 82	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 05

PLOT DATE : 7/17/2017 9:27 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

KIRCHNER 1825 | JAMES 1815 | GOTTFRIED 1805 | SUMNICHT 1725 | JOHNSON 1713 | MDC REAL ESTATE INVESTMENTS 1707

W FOSTER ST | EXISTING R/W | W FOSTER ST C/L

S ONEIDA ST | S ONEIDA ST C/L

MATCHLINE STA 100+00.00 | MATCHLINE STA 106+00.00

STA 100+61.4, 27.5' RT
CONNECT TO EXISTING PIPE
PIPE COLLAR REQUIRED.
CONTRACTOR TO VERIFY
EXISTING INVERT ELEVATION (17)

STA 100+61.2, 44.8' RT
INLETS 3-C (17A)

STA 101+36.4, 28.0' LT
INLETS 2x3-H (18A)
SLOPE INTERCEPT

STA 101+40.2, 3.8' RT
RECONSTRUCT MH (18)

STA 101+51.9, 27.0' RT
INLETS 2x3-H (18B)

STA 103+02.0, 27.0' LT
INLETS 2x3-H-S (30A)

STA 103+02.5, 27.0' RT
INLETS 2x3-H-S (30B)

STA 103+35.9, 4.4' RT
RECONSTRUCT MH (30)

ADJUST MH

STA 105+35.8, 33.9' LT
INLETS 2x3-H (31B)

STA 105+25.6, 33.3' LT
INLETS 2x3-H (31A)

STA 105+40.5, 7.1' RT
RECONSTRUCT MH (31)

STA 105+25.5, 27.0' RT
INLETS 2x3-H (31C)

STA 105+35.4, 27.0' RT
INLETS 2x3-H (31D)

WILLIAMSON 1830 | MILHAUPT 1822 | KROSTUE 1814 | KELPINSKI 1808 | MUELLER 1800 | SCHROEDER 1728 | ST. ELIZABETH HOSP 1506

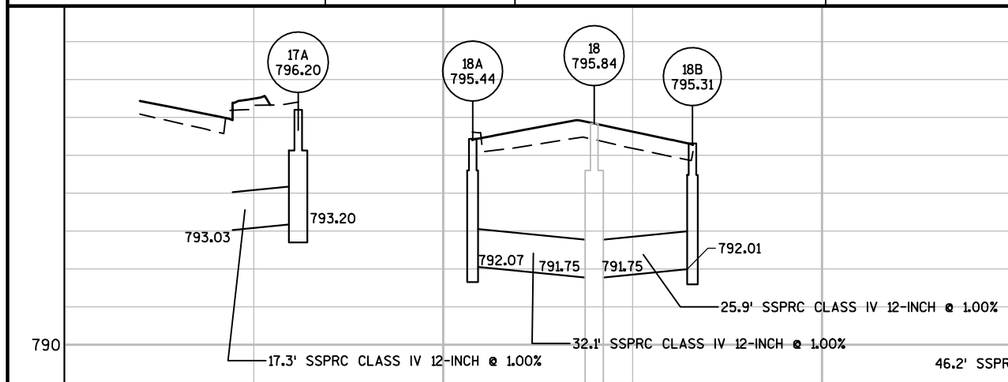
CAUTION

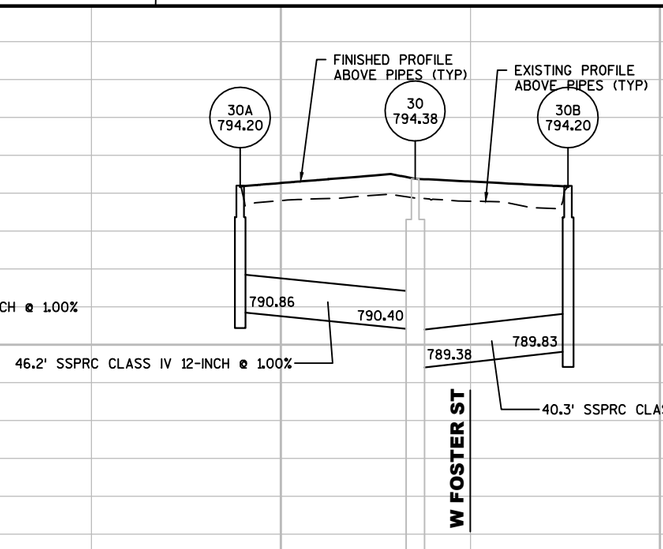
STORM SEWER REMOVAL LEGEND

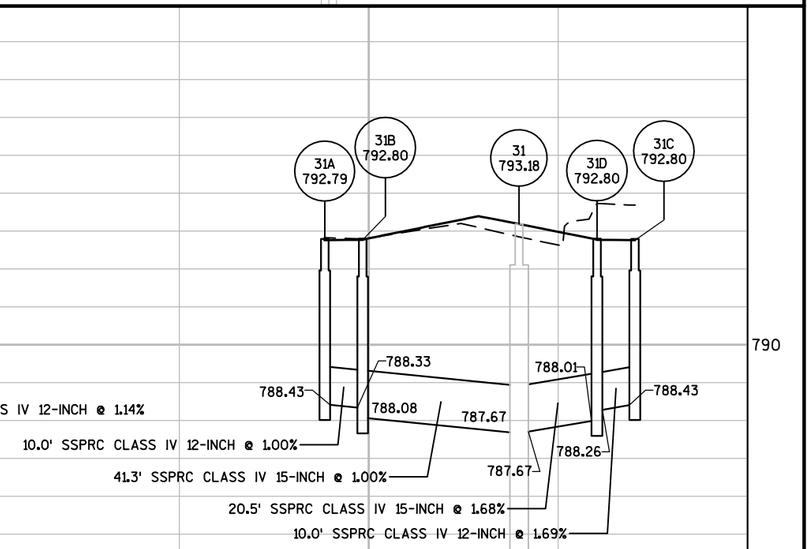
RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM2	103+85, 27' RT	W/SW flange bolt of hydrant at House #1728	796.31



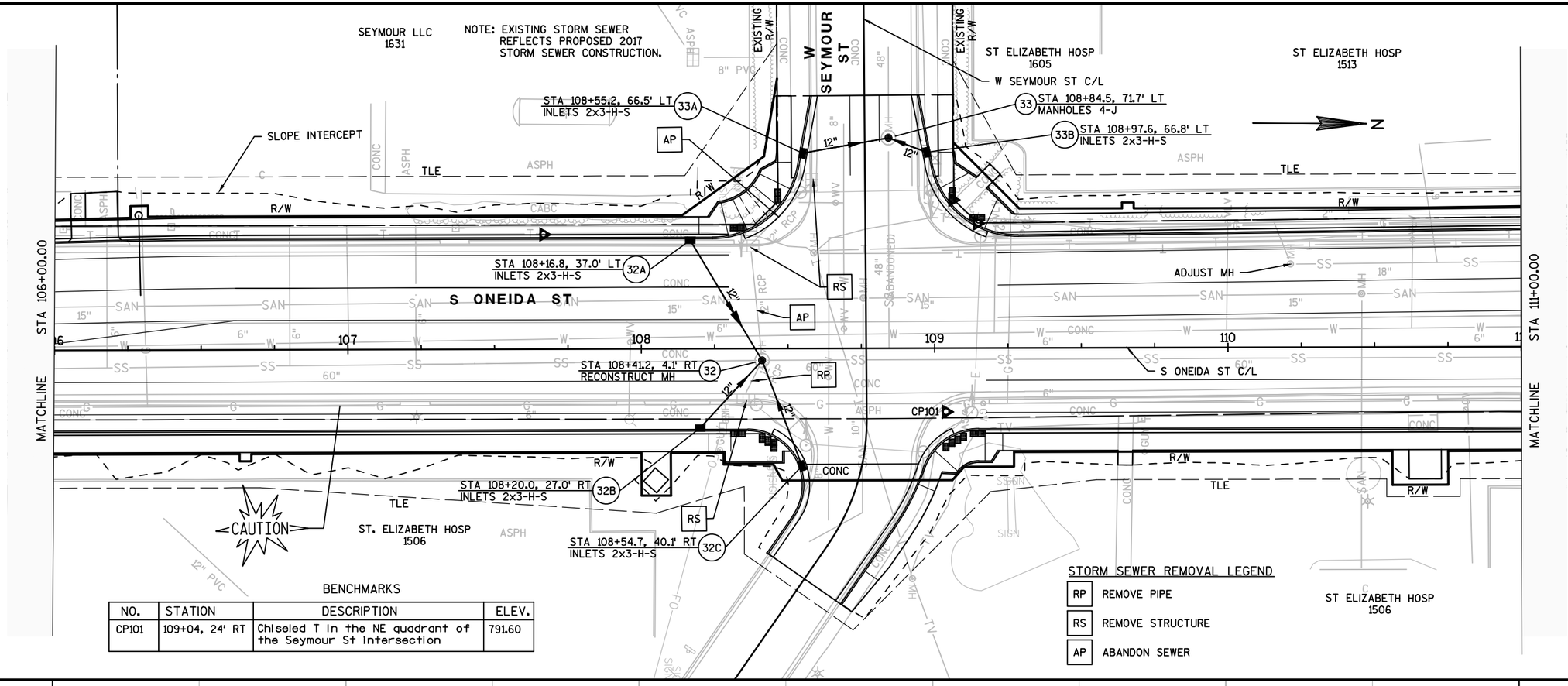




PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 83	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 06
PLOT DATE : 6/30/2017 9:58 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

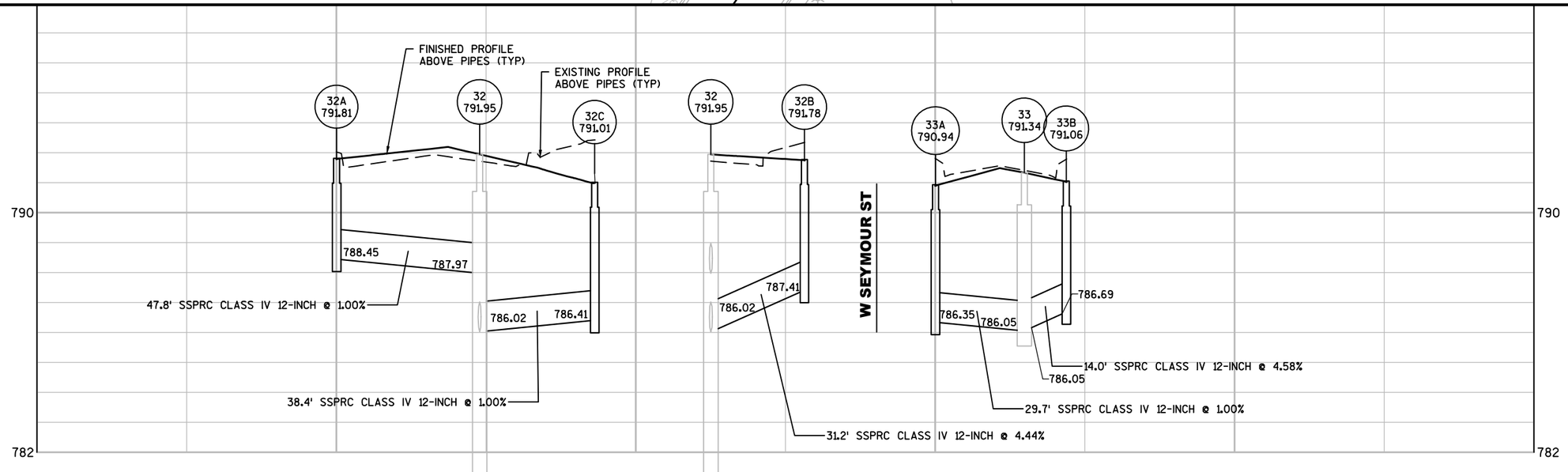


BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP101	109+04, 24' RT	Chiseled T in the NE quadrant of the Seymour St Intersection	791.60

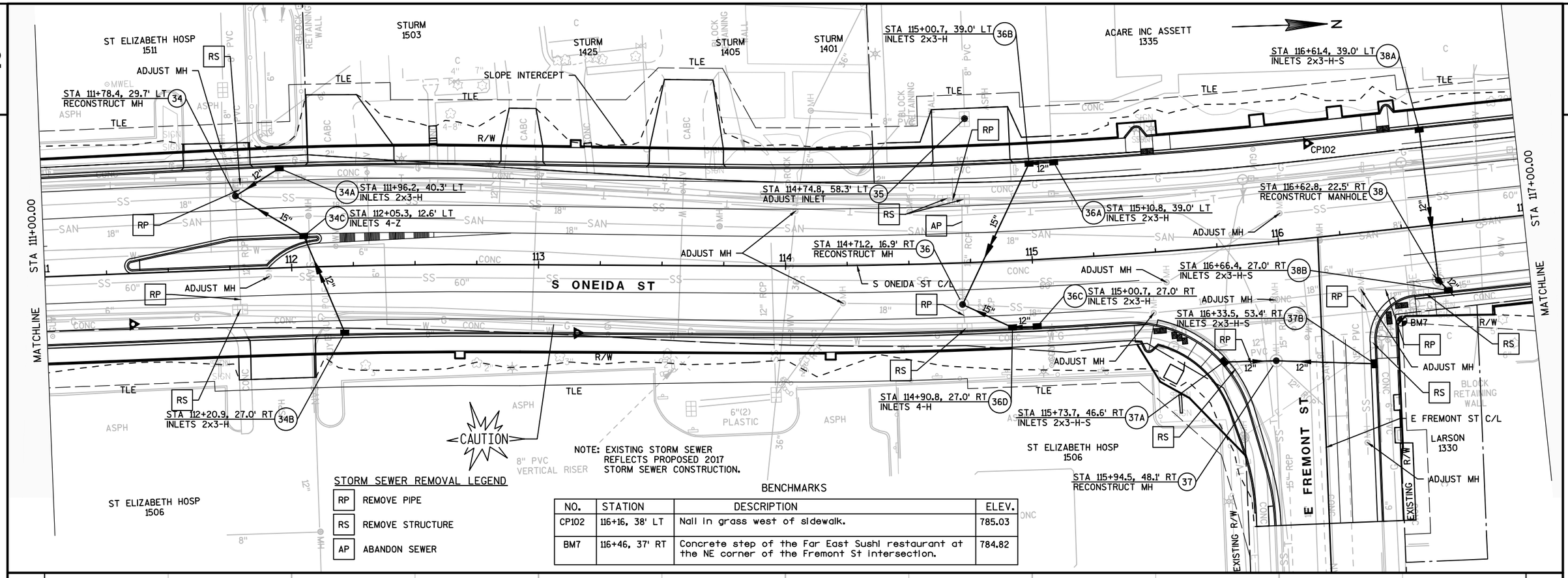
STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 84	E

2

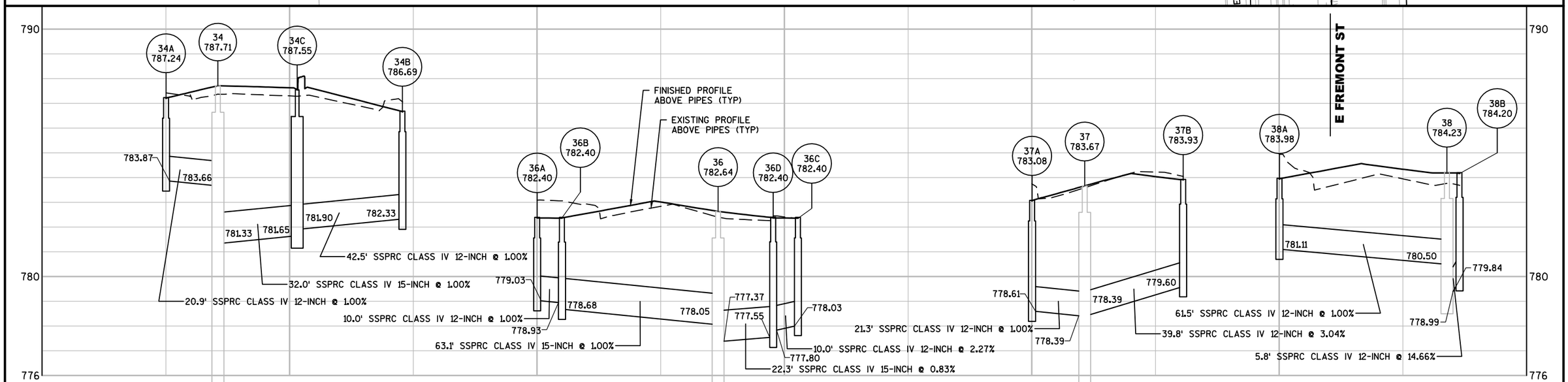


STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP102	116+16, 38' LT	Nail in grass west of sidewalk.	785.03
BM7	116+46, 37' RT	Concrete step of the Far East Sushi restaurant at the NE corner of the Fremont St intersection.	784.82



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 85	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 08
PLOT DATE : 6/30/2017 9:58 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

ACARE INC ASSETT
1335

SCHMOLINSKE
1317

BURKHAM
1309

RIVERVIEW GARDENS
1303

RIVERVIEW GARDENS
1011

RIVERVIEW GARDENS
1223

RIVERVIEW GARDENS
1215

RIVERVIEW GARDENS
1011

N

STA 117+00.00

MATCHLINE

STA 122+50.00

MATCHLINE

BLOCK RETAINING WALL

TLE

BM1

SLOPE INTERCEPT

R/W

NOT FIELD

ADJUST MH

S ONEIDA ST C/L

S ONEIDA ST

STA 119+59.1, 39.0' LT
INLETS 2x3-H-S
39A

STA 119+59.1, 19.9' RT
RECONSTRUCT MH
39

STA 119+59.3, 47.4' RT
INLETS 4-H-S
39C

STA 119+90.1, 46.4' RT
INLETS 2x3-H-S
39B

STA 120+60.2, 39.0' LT
INLETS 2x3-H
40A

STA 120+60.8, 27.0' RT
INLETS 2x3-H
40B

STA 120+65.7, 17.8' RT
RECONSTRUCT MH
40

RS

AP

12"

15"

EXISTING R/W

E HARRISON ST

E HARRISON ST C/L

CAUTION

ST ELIZABETH HOSP

NORTHERN GAS LLC
1306

POSITIVE VENTURES
1222

POSITIVE VENTURES
1216

POSITIVE VENTURES
1210

POSITIVE VENTURES
1200

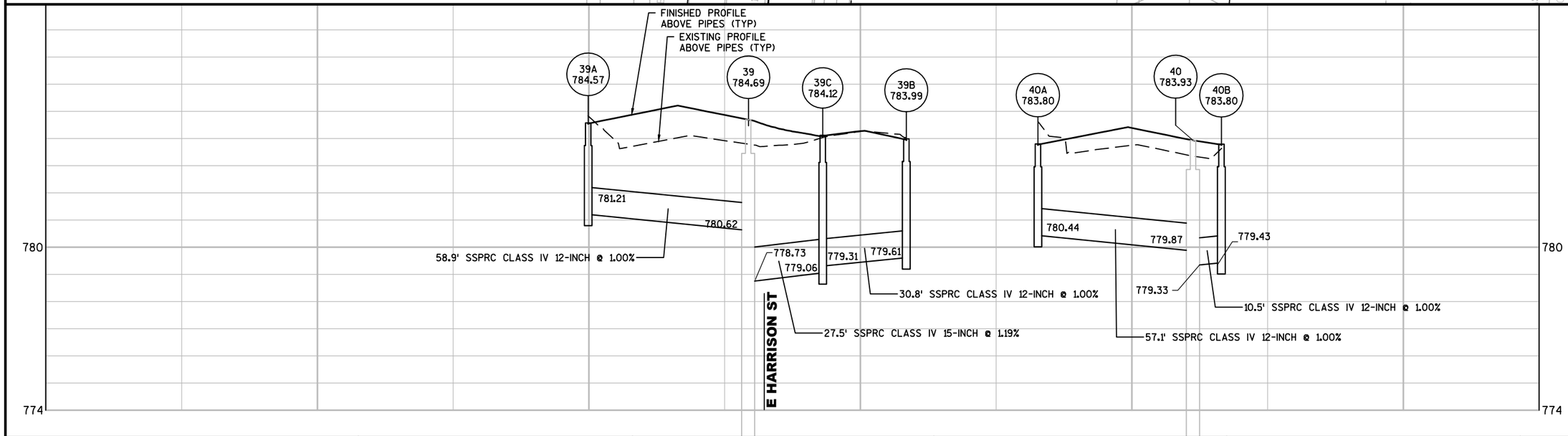
STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM1	118+72, 53' LT	NE corner of first concrete step at House # 1309	787.18

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 86	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 09

PLOT DATE : 6/30/2017 9:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP137	123+41, 28' RT	MagNail in concrete sidewalk at the NE quadrant of McKinley St intersection	779.74
CP125	126+65, 116' RT	MagNail in concrete sidewalk on the east side of Orange St	765.16

RIVERVIEW GARDENS 1011

RIVERVIEW FAIRWAY CONDOS 1111-1161

TLE

R/W

SLOPE INTERCEPT

STA 122+50.00

MATCHLINE

STA 128+50.00

41 STA 122+75.2, 23.3' RT RECONSTRUCT MH

42 STA 123+09.0, 29.3' RT RECONSTRUCT MH

42A STA 123+02.6, 42.7' LT INLETS 2x3-H-S

42B STA 123+10.9, 44.9' RT INLETS 2x3-H-S

41A STA 122+79.0, 43.0' RT INLETS 2x3-H-S

ADJUST MH

43A STA 125+05.8, 46.3' LT INLETS 2x3-H

43B STA 125+06.5, 16.7' LT INLETS 4-Z

43C STA 125+06.8, 6.8' LT INLETS 4-Z

43D STA 125+07.5, 26.5' RT INLETS 2x3-H

43 STA 125+16.1, 66.8' RT RECONSTRUCT MH

S ONEIDA ST

CONC

S ONEIDA ST C/L

CP137

E MCKINLEY ST

E MCKINLEY ST C/L

EXISTING R/W

CAUTION

SOUL PURPOSE MINISTRY 1110

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

44A STA 126+63.0, 50.0' LT INLETS 2x3-H

44B STA 126+63.4, 22.8' LT INLETS 4-Z

44C STA 126+72.5, 18.5' LT INLETS 4-Z

44D STA 126+75.7, 27.9' RT INLETS 2x3-H-S

44 STA 127+07.5, 10.5' RT RECONSTRUCT MH

45A STA 126+97.2, 62.8' LT INLETS MEDIAN 1G-MS-A

45B STA 127+31.5, 65.8' LT INLETS 4-H-S

45 STA 127+63.4, 11.8' RT RECONSTRUCT MH

45C STA 127+60.2, 60.2' LT INLETS 2x3-H-S

46 STA 128+08.9, 11.7' RT RECONSTRUCT MH

46A STA 128+10.3, 59.4' LT INLETS MEDIAN 1G-MS-A

46B STA 128+12.5, 48.4' LT INLETS 2x3-H

46C STA 128+21.1, 5.2' LT INLETS 4-Z

46D STA 128+12.0, 1.2' LT INLETS 4-Z

46E STA 128+13.9, 26.5' RT INLETS 2x3-H

S OLDE ONEIDA ST

EXISTING R/W

MCKINNON 1000

1010 SOUTH ONEIDA STREET LLC 1010

S OLDE ONEIDA ST C/L

E ORANGE ST

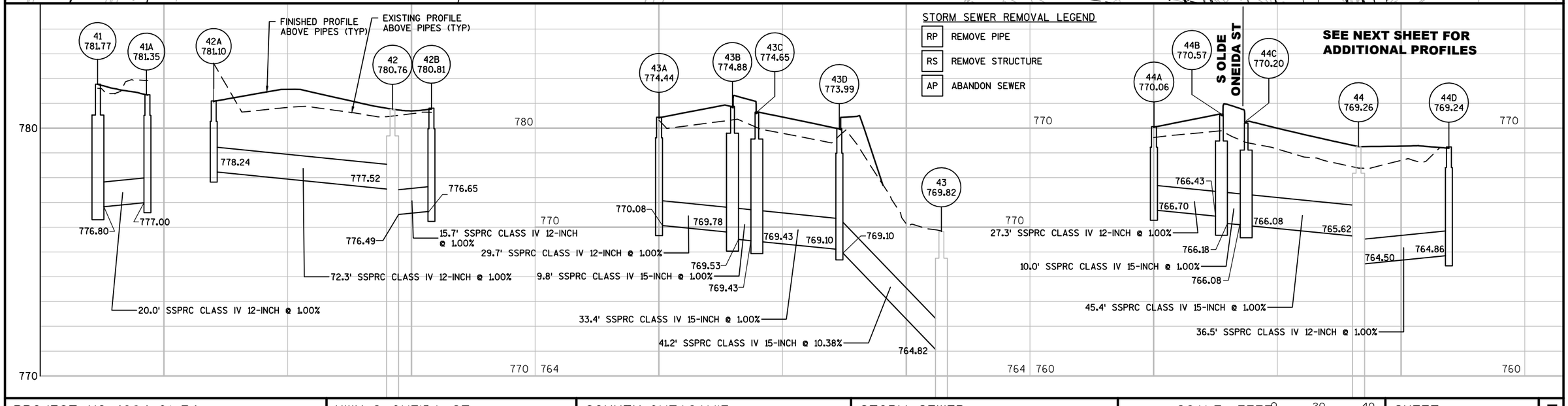
BEAUTIFUL DAY PROPERTIES 100

CP125

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

SEE NEXT SHEET FOR ADDITIONAL PROFILES



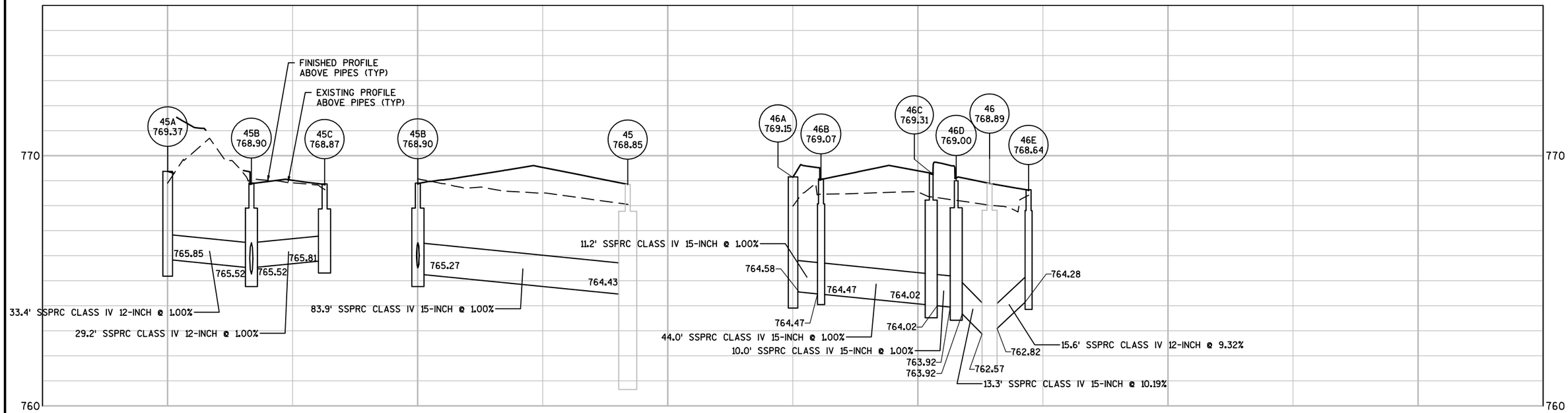
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 87	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 10

PLOT DATE : 6/30/2017 9:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 88	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 11

PLOT DATE : 6/30/2017 9:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

2

RIVERVIEW CIRCLE CONDOS
1101

RIVERVIEW GARDENS
1101

MCKINNON
1000

S ONEIDA ST

S ONEIDA ST C/L

STA 128+50.00

MATCHLINE

SLOPE INTERCEPT

47A STA 129+37.6, 57.2' LT
INLETS MEDIAN 1G-MS-A

47B STA 129+37.6, 46.3' LT
INLETS 2x3-H

47C STA 129+37.6, 9.0' LT
INLETS 4-Z

47D STA 129+37.6, 0.7' LT
INLETS 4-Z

47 STA 129+32.6, 14.9' RT
RECONSTRUCT MH

47E STA 129+37.6, 26.5' RT
INLETS 2x3-H

48A STA 131+02.2, 41.6' LT
INLETS 2x3-H

48B STA 131+02.2, 14.3' LT
INLETS 4-Z

48C STA 131+02.2, 0.7' LT
INLETS 4-Z

48 STA 130+97.2, 19.1' RT
RECONSTRUCT MH

48D STA 131+02.2, 26.5' RT
INLETS 2x3-H

NOT FIELD VERIFIED

TLE

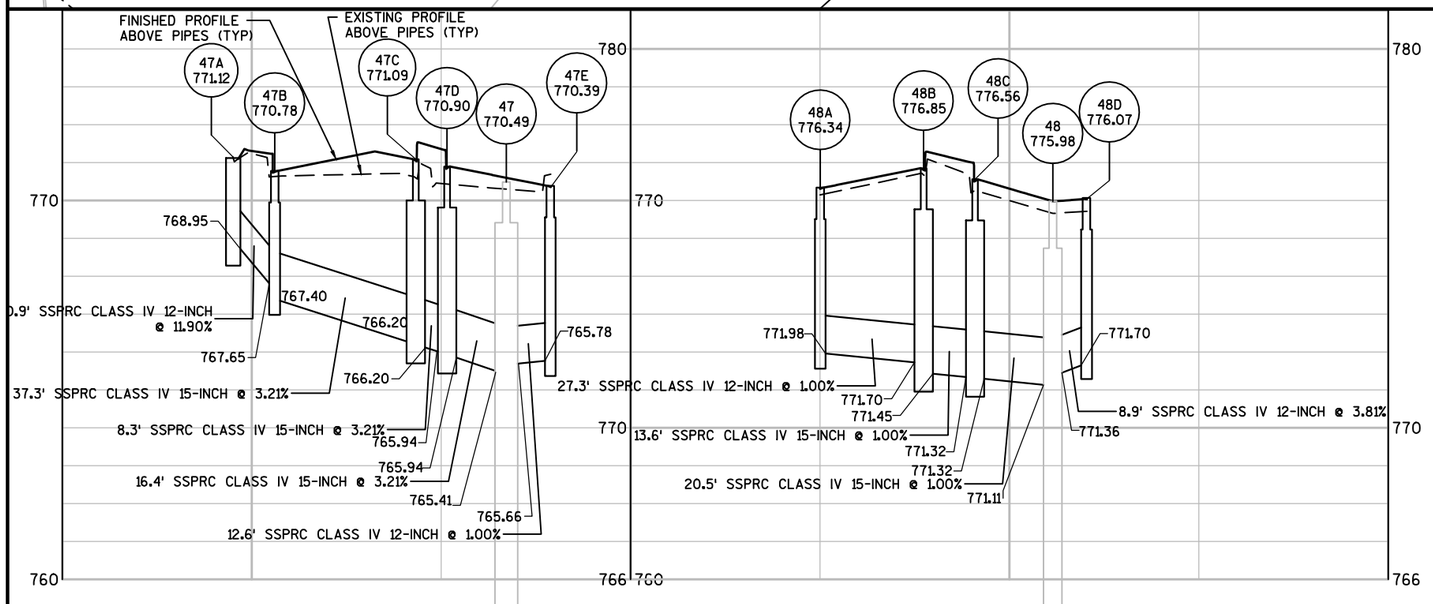
R/W

EXISTING R/W

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER	SCALE, FEET 0 20 40	SHEET 89	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022501-SS.DWG
LAYOUT NAME - 022501-SS - 12

PLOT DATE : 6/30/2017 9:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

STA 207+72.4, 56.3' LT
INLETS MEDIAN 1G-MS-A (60A)

STA 208+10.4, 34.3' LT
INLETS 4-H (60C)

STA 208+00.8, 33.9' LT
INLETS 4-H (60B)

STA 208+33.0, 18.3' LT
RECONSTRUCT MH (60)

STA 208+03.6, 27.0' RT
INLETS 2x3-H (60D)

STA 208+33.1, 27.1' RT
INLETS 2x3-H (60E)

STA 209+26.8, 27.2' LT
RECONSTRUCT MH-J (61)

STA 209+21.0, 31.6' RT
RECONSTRUCT MH (62)

RECONNECT EXISTING PIPE

SEAL PIPE
(SOUTH END ONLY)

SLOPE INTERCEPT

ADJUST MH

CALUMET ST

CALUMET ST C/L

EXISTING R/W

R/W

TLE

MATCHLINE STA 204+00.00

MATCHLINE STA 210+00.00

FAST WASH INC
210

DOMINOS
206

WHITMAN
82

JOCHIMSEN
76

ONEIDA RESTAURANT
1919

PENNINGS
205-235

WAB HOLDINGS
153-161

OLSEN ORTHODONTICS
145

LOPEZ INVESTMENTS
141

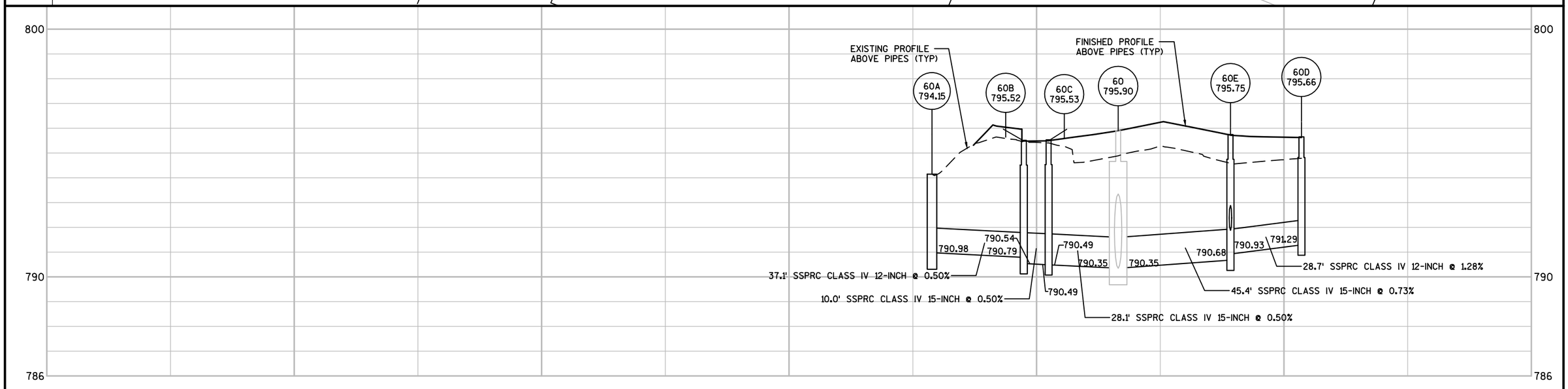
BLOCK RETAINING WALL

CAUTION

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

NOTE: EXISTING STORM SEWER
REFLECTS PROPOSED 2017
STORM SEWER CONSTRUCTION.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - CALUMET ST	SCALE, FEET 0 20 40	SHEET 90	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022502-SS.DWG
LAYOUT NAME - 022502-SS - 01
PLOT DATE : 6/30/2017 10:00 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

EXISTING R/W

EXISTING R/W

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

N

CAUTION

ONEIDA RESTAURANT
1919

PIZZA HUT
118

BECKER
124

S ONEIDA ST

CP100

96+00

STA 210+97.8, 39.4' LT
INLETS 2x3-H
63B

STA 210+88.2, 39.5' LT
INLETS 2x3-H
63A

STA 212+77.8, 38.5' LT
INLETS 2x3-H-S
64B

STA 212+87.8, 38.5' LT
INLETS 2x3-H-S
64A

TLE

R/W

12"

15"

CALUMET ST

SEE ONEIDA ST SHEET FOR STORM SEWER REMOVALS IN INTERSECTION

E CALUMET ST

STA 210+00.00

211+00

212+00

213+00

214+00

215

STA 215+00.00

STA 210+97.9, 4.8' LT
CONNECT TO EXISTING PIPE
63

CALUMET ST C/L

E CALUMET ST C/L

ADJUST MH

STA 212+72.9, 11.8' RT
RECONSTRUCT MH
64

MATCHLINE

MATCHLINE

95+00

STA 210+87.6, 38.0' RT
INLETS 4-Z
63C

STA 210+98.0, 38.0' RT
INLETS 4-Z
63D

JS FOOD MART II
2005

STA 212+89.7, 26.5' RT
INLETS 2x3-H-S
64C

STA 212+79.7, 26.5' RT
INLETS 2x3-H-S
64D

SLOPE INTERCEPT

S ONEIDA ST C/L

DAIRY QUEEN
2000

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP100	96+09, 4' LT	Chiseled T in the south end of the north leg concrete median of the Oneida St and Calumet St intersection	796.84

119
LEARMAN

S ONEIDA ST

FINISHED PROFILE ABOVE PIPES (TYP)

EXISTING PROFILE ABOVE PIPES (TYP)

800

790

788

63A 795.86

63B 795.87

63 (63D 795.90, 63C 795.90)

64A 796.19

64B 796.16

64 796.70

64D 796.41

64C 796.43

791.49

791.32

791.07

790.49

790.49

791.37

791.12

791.52

791.82

791.72

791.47

791.74

791.49

790.96

790.96

792.07

SSPRC CLASS IV 12-INCH @ 1.73%

33.4' SSPRC CLASS IV 15-INCH @ 1.73%

EXISTING 36" RCP

41.6' SSPRC CLASS IV 15-INCH @ 1.51%

10.0' SSPRC CLASS IV 12-INCH @ 1.51%

10.0' SSPRC CLASS IV 12-INCH @ 1.00%

50.5' SSPRC CLASS IV 15-INCH @ 1.00%

EXISTING 15" RCP

16.2' SSPRC CLASS IV 15-INCH @ 3.25%

10.0' SSPRC CLASS IV 12-INCH @ 3.25%

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - CALUMET ST	SCALE, FEET 0 20 40	SHEET 91	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022502-SS.DWG
LAYOUT NAME - 022502-SS - 02

PLOT DATE : 6/30/2017 10:01 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

BECKER 124 | MISCHLER 200 | SECARD 204 | STEWART 208 | LEWINS 218 | VANDEYACHT PROPERTIES 220 | JACKSON 226 | FISHCER 234 | VOLMER 238 | MEETZ 300 | KARY 304

CAUTION

SLOPE INTERCEPT

BLOCK RETAINING WALL

TLE

R/W

STA 215+00.00

MATCHLINE

E CALUMET ST

216+00 | 217+00 | 218+00 | 219+00 | 220+00 | 221+00

E CALUMET ST C/L

65A STA 216+30.0, 30.1' LT INLETS 2x3-H

65 STA 216+25.0, 12.1' RT RECONSTRUCT MH

65B STA 216+30.0, 26.5' RT INLETS 2x3-H

66A STA 220+12.3, 26.5' LT INLETS 2x3-H

66 STA 220+27.1, 11.5' RT RECONSTRUCT MH

67 STA 220+27.4, 40.4' RT RECONSTRUCT MH

67B STA 220+34.2, 40.2' RT INLETS 2x3-H-S

67A STA 220+01.2, 41.1' RT INLETS 2x3-H-S

RP | RS | 12" | 28'

125 VILLANUEVA | 201 SIMON | 207 BUNKERS | 213 PAALMAN | 219 KOLLER | 225 RSDD | 231 PUTZ | 237 FAUCETT | 313 CALUMET CAPITAL

EXISTING R/W

S MADISON ST C/L

S MADISON ST

STA 221+00.00

MATCHLINE

N

FINISHED PROFILE ABOVE PIPES (TYP)

EXISTING PROFILE ABOVE PIPES (TYP)

65A 799.19 | 65 799.49 | 65B 799.26

794.83 | 794.40 | 794.90 | 794.40

15.2' SSPRC CLASS IV 12-INCH @ 3.25%

EXISTING 15' RCP

42.5' SSPRC CLASS IV 12-INCH @ 1.00%

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER

67A 800.60 | 67 800.97 | 67B 800.90 | 66A 801.11 | 66 801.43

796.10 | 796.54 | 796.36 | 796.10

26.3' SSPRC CLASS IV 12-INCH @ 1.00%

6.8' SSPRC CLASS IV 12-INCH @ 6.48%

EXISTING 12' PVC

796.74 | 796.34

EXISTING 12" PVC

EXISTING 15" RCP

40.8' SSPRC CLASS IV 12-INCH @ 1.00%

800

790

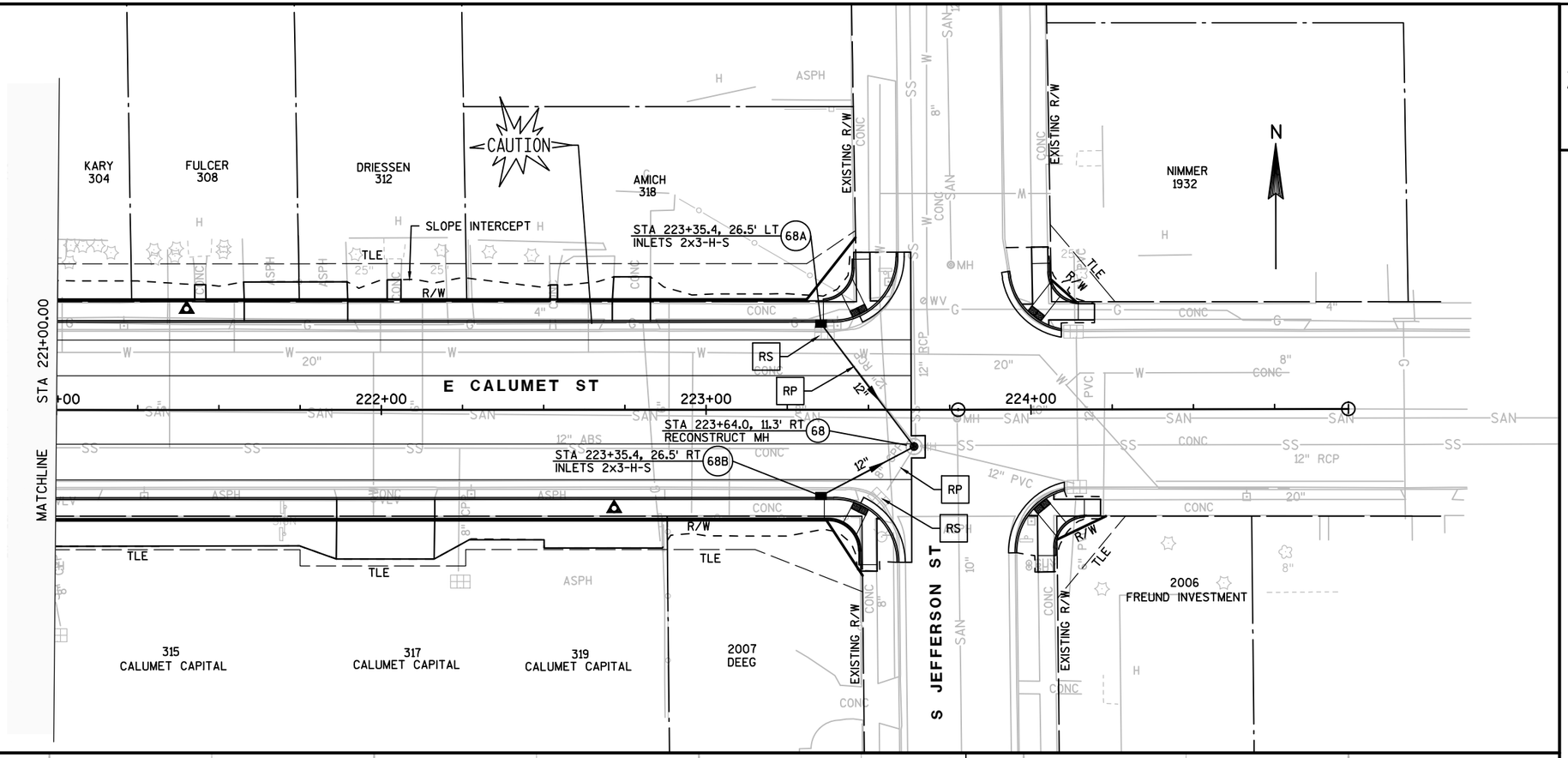
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - CALUMET ST	SCALE, FEET 0 20 40	SHEET 92	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022502-SS.DWG
LAYOUT NAME - 022502-SS - 03

PLOT DATE : 6/30/2017 10:01 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

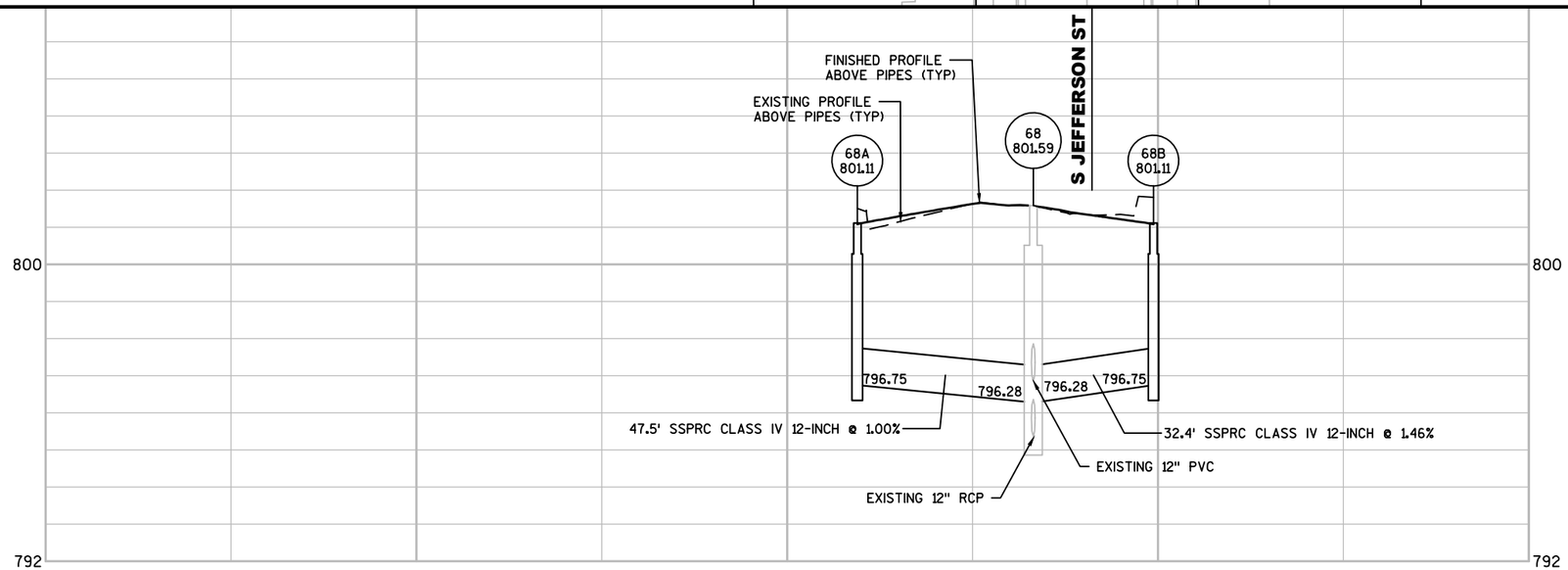
2



NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

STORM SEWER REMOVAL LEGEND

RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - CALUMET ST	SCALE, FEET 0 20 40	SHEET 93	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022502-SS.DWG
LAYOUT NAME - 022502-SS - 04
PLOT DATE : 6/30/2017 10:01 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP125	126+65, 116' RT	MagNail in concrete sidewalk on the east side of Orange St.	765.16

MCKINNON
1000

1010 SOUTH ONEIDA STREET LLC
1010

STATE OF WISCONSIN

52 STA 301+95.3, 21.9' LT
RECONSTRUCT MH

52B STA 302+05.5, 24.6' LT
INLETS 2x3-H

52A STA 302+10.6, 24.5' RT
INLETS 2x3-H

SEE ONEIDA ST SHEET FOR STORM SEWER REMOVALS IN INTERSECTION

S ONEIDA ST C/L

S OLDE ONEIDA ST C/L

S OLDE ONEIDA ST

S ONEIDA ST

E ORANGE ST

E LINCOLN ST

E SOUTH RIVER ST

126+00
127+00
289+00
290+00
301+00
302+00
303+00
304+00
305+00

SLOPE INTERCEPT

EXISTING R/W

TLE

R/W

ADJUST MH

RP

RS

CP125

BEAUTIFUL DAY PROPERTIES
100

LULU ENTERPRISES
1024

MOSES
1004

RUDOLPH
111

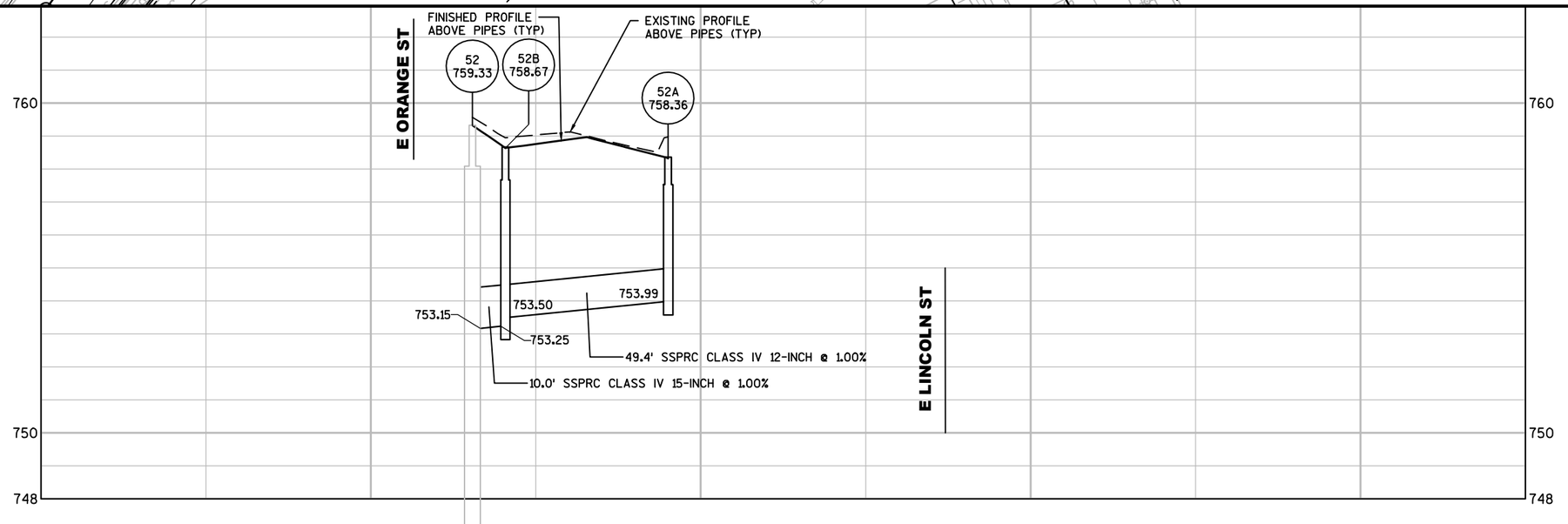
E LINCOLN ST R/L

CAUTION

NOTE: EXISTING STORM SEWER REFLECTS PROPOSED 2017 STORM SEWER CONSTRUCTION.

STORM SEWER REMOVAL LEGEND

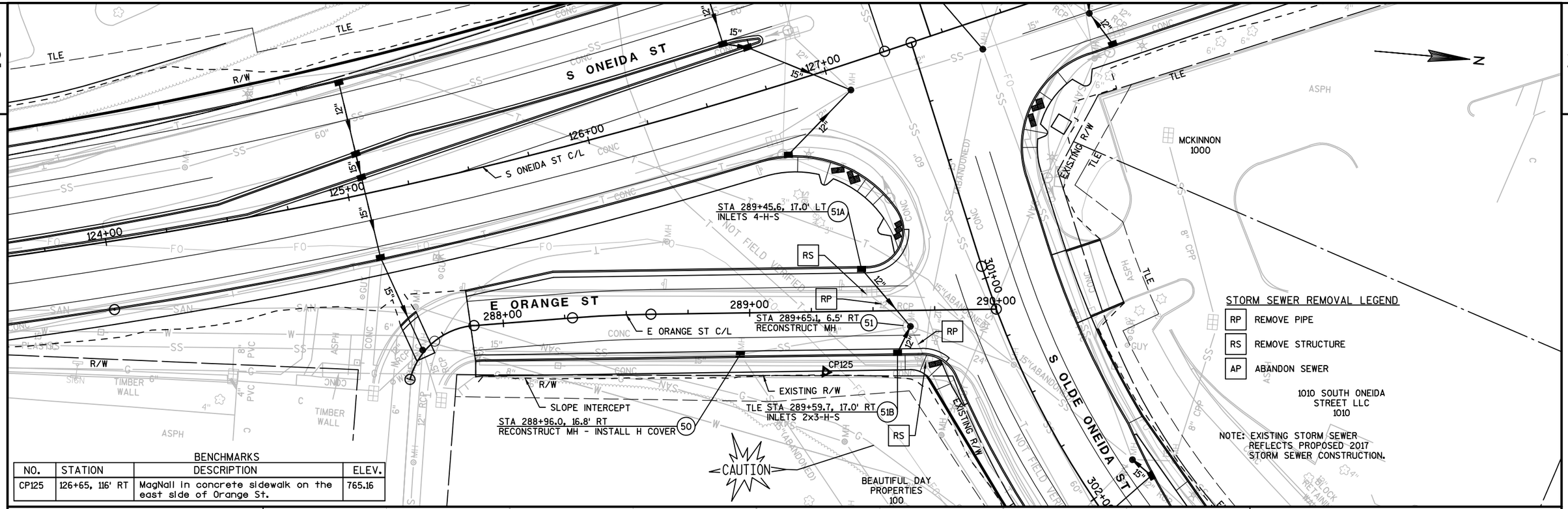
RP	REMOVE PIPE
RS	REMOVE STRUCTURE
AP	ABANDON SEWER



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - S OLDE ONEIDA ST	SCALE, FEET 0 20 40	SHEET 94	E

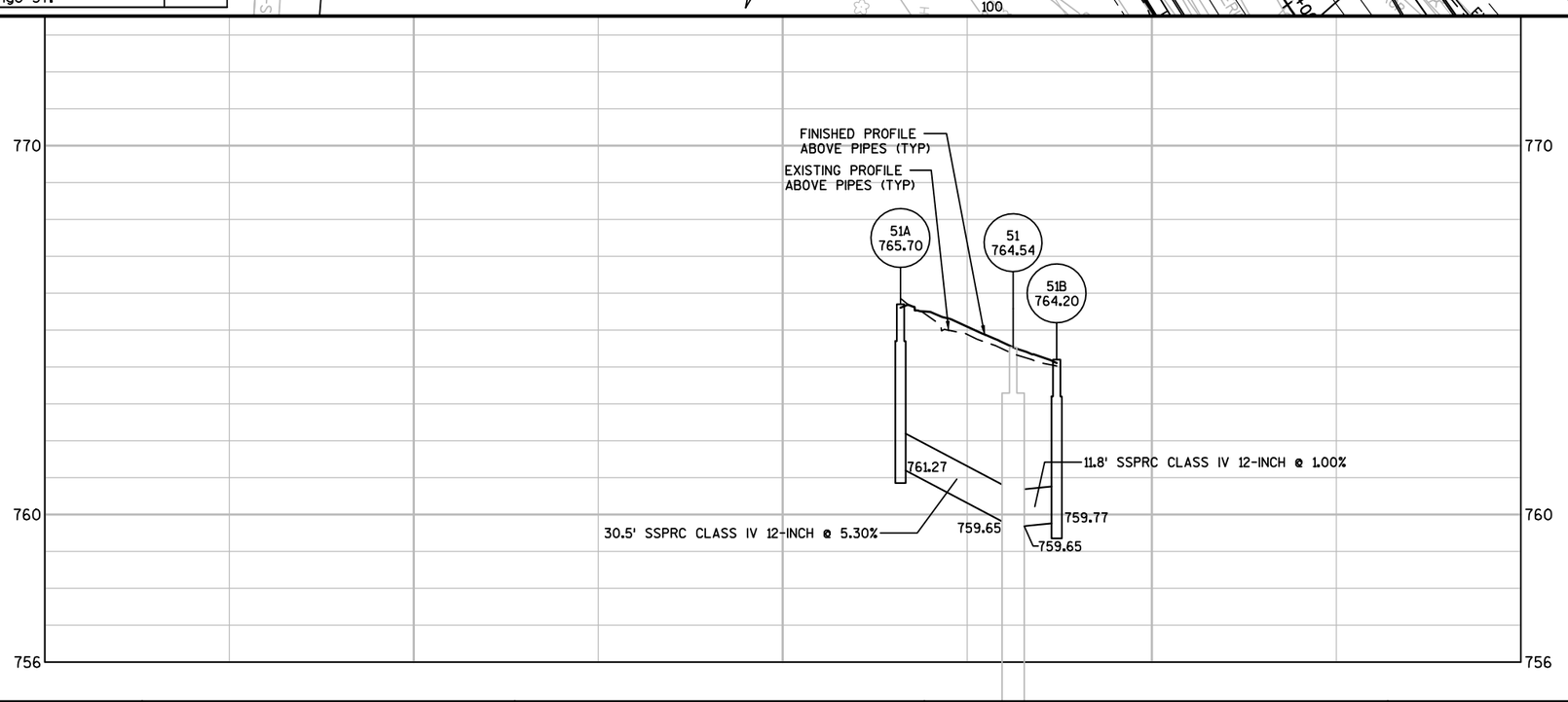
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STORM\022503-SS.DWG
LAYOUT NAME - 022503-SS - 01

PLOT DATE : 6/30/2017 10:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT



BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP125	126+65, 116' RT	MagNail in concrete sidewalk on the east side of Orange St.	765.16



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	STORM SEWER - E ORANGE ST	SCALE, FEET 0 20 40	SHEET 95	E

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

W VALLEY RD

1R-01 SPEED LIMIT 30 R2-1

1R-02 R8-3A

BLOCK RETAINING WALL

BLOCK RETAINING WALL

SIGN

CABC

ASPH

CONC

S ONEIDA ST

70+00 71+00 72+00 73+00 74+00 75+00 76+

MATCHLINE STA 76+00

E ROELAND AVE

1R-03 SPEED LIMIT 30 R2-1

SIGN

1R-04 STOP R1-1

ONEIDA ST

HOOVER AV

ROAD NAME SIGN TO BE REMOVED BY OTHERS

E HOOVER AVE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 96	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 01

PLOT DATE : 6/30/2017 10:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

N

MATCHLINE STA 76+00

MATCHLINE STA 82+00

S ONEIDA ST

TAFT AVE 2R-01

2R-02 SPEED LIMIT 30 R2-1

2R-03 R8-3A

BLOCK RETAINING WALL

2R-04 R8-3A

2R-05 TRUCK ROUTE R14-1MOD

2R-06 R8-3A

E TAFT AVE

TAFT AVE 2R-08

ONEIDA ST 2R-07

2R-09 SPEED LIMIT 30 R2-1

2R-10 R8-3A

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 97	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 02

PLOT DATE : 6/30/2017 10:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

W WILSON AVE

3R-01 STOP R1-1

ONEIDA ST

WILSON AV

ROAD NAME SIGN TO BE REMOVED BY OTHERS

S ONEIDA ST

MATCHLINE STA 82+00

MATCHLINE STA 88+00

83+00 84+00 85+00 86+00 87+00

E WILSON AVE

3R-02 STOP R1-1

ONEIDA ST

WILSON AV

ROAD NAME SIGN TO BE REMOVED BY OTHERS

3R-03 CENTER LANE ONLY R3-9-B

3R-04 R8-3A

E HARDING DR

3R-06 R8-3A

3R-05 STOP R1-1

ONEIDA ST

HARDING DR

ROAD NAME SIGN TO BE REMOVED BY OTHERS

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 98	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 03

PLOT DATE : 6/30/2017 10:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

N

MATCHLINE STA 88+00

MATCHLINE STA 94+00

S ONEIDA ST

E MURRAY AVE

E COOLIDGE AVE

4R-01 DO NOT ENTER R5-1

4R-02 CENTER LANE ONLY R3-9-B

4R-03 R8-3A

4R-04 ONE WAY R6-2-R

4R-05 SPEED LIMIT 30 R2-1

4R-06 ONE WAY R6-2-R

4R-07 STOP R1-1

4R-08 R4-7

ONEIDA ST / MURRAY AV

ROAD NAME SIGN TO BE REMOVED BY OTHERS

4R-09 S1-1

4R-10 AHEAD S16-9P

4R-11 R8-3A

4R-12 ONE WAY R6-2-R

4R-13 STOP R1-1

4R-14 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51

4R-15 R8-3A

4R-16 ONE WAY R6-2-R

ONEIDA ST / COOLIDGE AV

ROAD NAME SIGN TO BE REMOVED BY OTHERS

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 99	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 04

PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

N

MATCHLINE STA 210+50

CALUMET ST

211+00

212+00

213+00

PT: 211+51.10

5R-01 R8-3A

5R-02 R4-7

CALUMET ST 5R-03

ONEIDA ST 5R-04

5R-05 R8-3A

ONEIDA ST 5R-06

5R-07 R4-7

5R-08 R8-3A

5R-09 ONE WAY R6-2-R

5R-10 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51

S1-1 5R-11 AHEAD S16-9P 5R-12

R4-7 5R-13 5R-14

S ONEIDA ST

MATCHLINE STA 94+00

95+00

96+00

97+00

98+00

99+00

100

MATCHLINE STA 100+00

CALUMET ST 5R-15

ONEIDA ST 5R-16

E CALUMET ST

ONEIDA ST 5R-18

5R-17 R8-3A

CALUMET ST OUTAGAMIE COUNTY 5R-19 5R-20

5R-21 R8-3A

5R-22 D9-2

5R-23 D5-5C

5R-24 ONE WAY R6-2-R

5R-25 STOP R1-1

5R-26 SPEED LIMIT 30 R2-1

5R-27 R4-7

5R-28 R8-3A

MATCHLINE STA 213+50

RAMLEN CT

5R-29 STOP R1-1

5R-30 S1-1

5R-31 AHEAD S16-9P

ONEIDA ST

RAMLEN CT

ROAD NAME SIGN TO BE REMOVED BY OTHERS

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 100	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 05

PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

N

6R-01 SPEED LIMIT 30 R2-1

6R-02 R8-3A

6R-03 R8-3A

6R-04 STOP R1-1

ONEIDA ST

FOSTER ST

ROAD NAME SIGN TO BE REMOVED BY OTHERS

6R-05 S1-1

6R-06 S16-7L

6R-07 R8-3A

6R-08 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51

W FOSTER ST

S ONEIDA ST

MATCHLINE STA 100+00

MATCHLINE STA 106+00

100+00 101+00 102+00 103+00 104+00 105+00 106+00

6R-09 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51

6R-10 R8-3A

6R-11 S1-1

6R-12 S16-7L

6R-13 R8-3A

6R-14 TRUCK ROUTE R14-1MOD

6R-15 SPEED LIMIT 30 R2-1

6R-16 R8-3A

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 101	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 06

PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

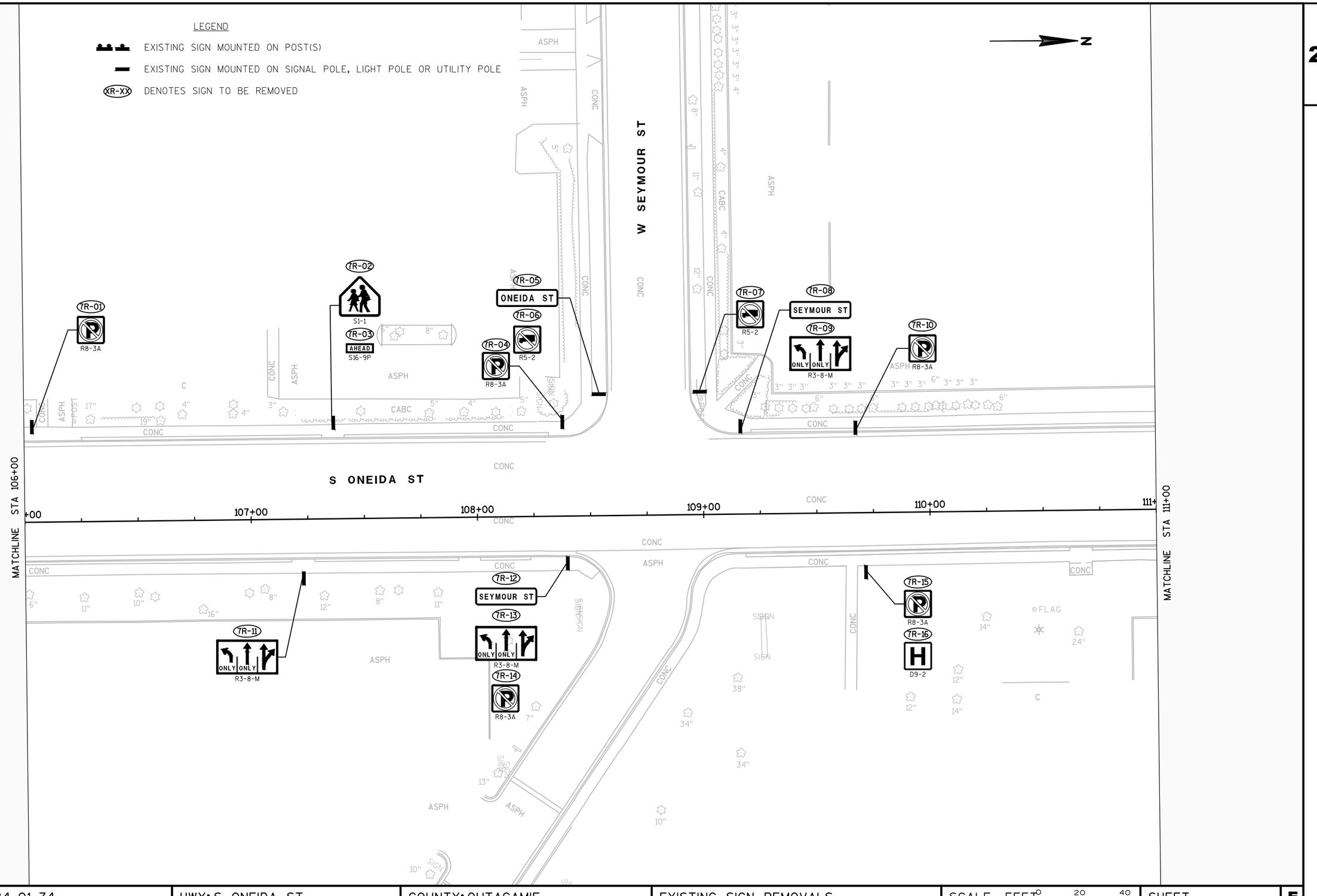
2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 102	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 07

PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

2

2

MATCHLINE STA 111+00

MATCHLINE STA 117+00

S ONEIDA ST

E FREMONT ST

8R-01 R8-3A

8R-02 TRUCK ROUTE R14-1MOD

8R-03 SPEED LIMIT 30 R2-1

8R-04 R8-3A

8R-05 R8-3A

M8-01 REID MUNICIPAL GOLF COURSE

8R-06 SPEED LIMIT 30 R2-1

8R-07 R8-3A

8R-08 R8-3A

8R-09 TRUCK ROUTE R14-1MOD

8R-10 R8-3A

8R-11 FREMONT ST

M8-02 REID MUNICIPAL GOLF COURSE

8R-12 FREMONT ST

8R-13 R8-3A

BLOCK RETAINING WALL

ASPH

CONC

CABC

ROCK

SIGN

POST

MWEL

CANOPY

112+00

113+00

114+00

115+00

116+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 08
PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

S ONEIDA ST

E HARRISON ST

MATCHLINE STA 117+00

MATCHLINE STA 122+50

9R-01 R8-3A

9R-02 R8-3A

9R-03 SPEED LIMIT 30 R2-1

9R-04 R8-3A

9R-05 STOP R1-1

9R-06 ONEIDA ST

9R-07 HARRISON ST

9R-08 SPEED LIMIT 30 R2-1

BLOCK RETAINING WALL

CANOPY

ASPH

CONC

CABC

MWEL

SIGN

POST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 104	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 09

PLOT DATE : 6/30/2017 10:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

10R-01 R8-3A

10R-02 R4-7

10R-03 R8-3A

10R-04 R4-7

10R-05 ONEIDA ST

S ONEIDA ST

MATCHLINE STA 122+50

MATCHLINE STA 128+50

123+00 124+00 125+00 126+00 127+00 128+00

BP: 300+00.00

10R-06 STOP R1-1

ONEIDA ST

MCKINLEY ST

ROAD NAME SIGN TO BE REMOVED BY OTHERS

E MCKINLEY ST

M10-01

DOWNTOWN
PERFORMING ARTS CTR

RIVERFRONT · LOCKS
PAPER DISCOVERY CTR

10R-07 R8-3A

10R-08 R8-3A

10R-09 TRUCK ROUTE R14-1MOD

M10-02

Flowers by
THE MARIGOLD MILE
"Volunteers"
CONTACT: FOX VALLEY NURSERY

10R-10 OLDE ONEIDA

S OLDE ONEIDA ST

MATCHLINE STA 300+75

10R-11 ONEIDA ST

10R-12 R4-7

ASPH CONC TIMBER WALL SIGN

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 105	E

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

MATCHLINE STA 128+50

S ONEIDA ST

11R-01 TRUCK ROUTE R14-1MOD

11R-02 BIKE LANE R3-17

11R-03 ENDS R3-17-B

11R-04 BIKE LANE R3-17

11R-05 R8-3A

11R-06 ONEIDA SKYLINE BRIDGE

11R-07 SPEED LIMIT 30 R2-1

CONC

ASPH

129+00 130+00 131+00 132+00 133+00 134+00

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS	SCALE, FEET 0 20 40	SHEET 106	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023201-ES.DWG
LAYOUT NAME - 023201-ES - 11

PLOT DATE : 6/30/2017 10:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

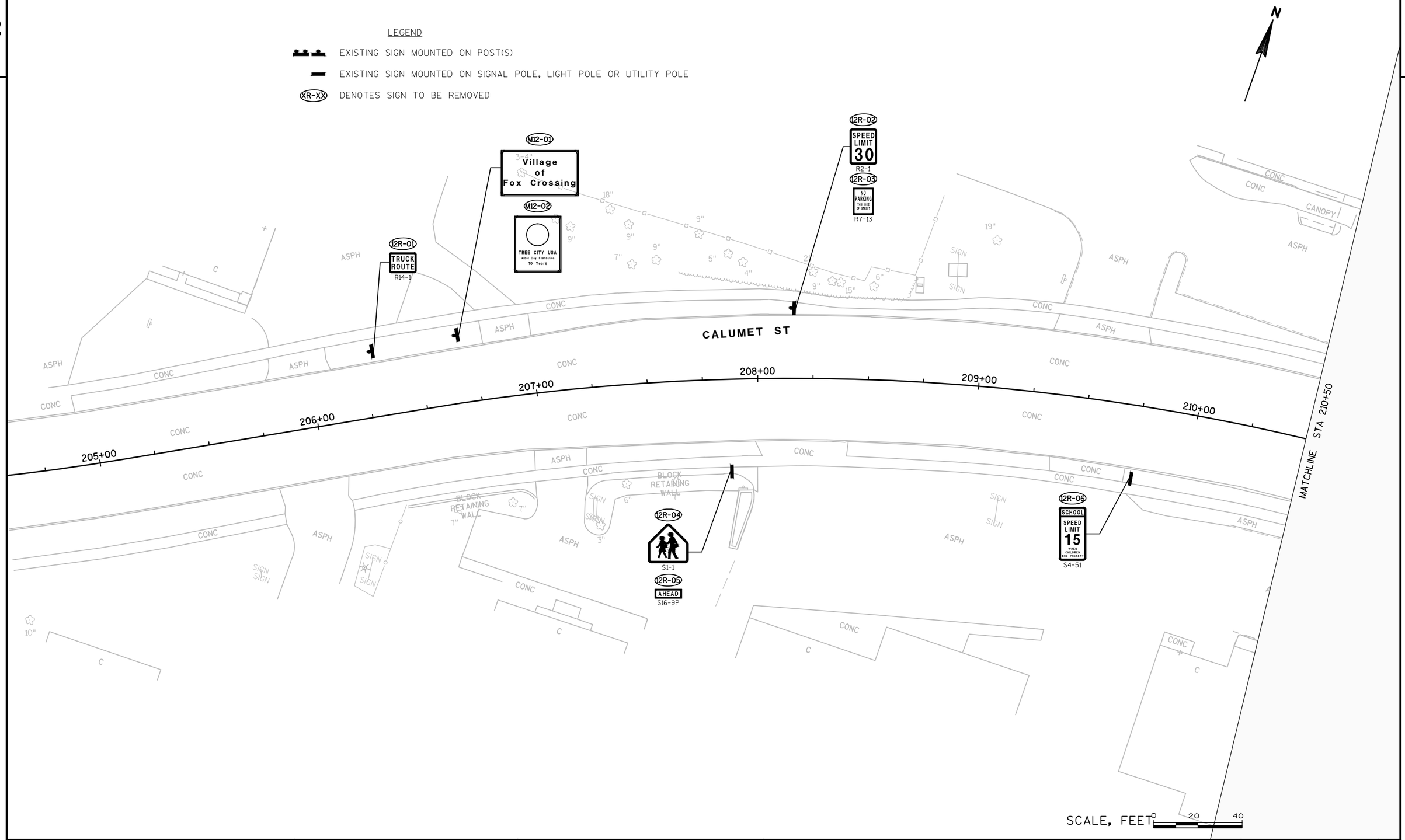
WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS - CALUMET ST	SHEET 107	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023202-ES.DWG
LAYOUT NAME - 023202-ES - 01

PLOT DATE : 6/30/2017 10:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

(XR-XX) DENOTES SIGN TO BE REMOVED

N

STA 213+50

MATCHLINE

E CALUMET ST

214+00 215+00 216+00 217+00 218+00 219+

STA 219+00

MATCHLINE

13R-01 D9-2 H

13R-02 D5-5C

13R-03 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51

13R-04 R8-3A

13R-05 S1-1

13R-06 AHEAD S16-9P

13R-07 R8-3A

13R-08 SPEED LIMIT 30 R2-1

13R-09 R8-3A

ASPH CONC H TIMBER WALL BLOCK RETAINING WALL POST

SCALE, FEET 0 20 40

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS - CALUMET ST	SHEET 108	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\EXISTING\023202-ES.DWG
LAYOUT NAME - 023202-ES - 02

PLOT DATE : 6/30/2017 10:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

14R-01 SPEED LIMIT 30 R2-1

14R-02 R8-3A

14R-03 STOP R1-1

CALUMET ST

JEFFERSON ST

ROAD NAME SIGN TO BE REMOVED BY OTHERS

E CALUMET ST

MATCHLINE STA 219+00

220+00 221+00 222+00 223+00 224+00

14R-04 R8-3A

14R-05 STOP R1-1

14R-06 R8-3A

14R-07 R8-3A

CALUMET ST

MADISON ST

ROAD NAME SIGN TO BE REMOVED BY OTHERS

S MADISON ST

S JEFFERSON ST

TIMBER WALL

SCALE, FEET 0 20 40

2

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS - CALUMET ST	SHEET 109	E

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE OR UTILITY POLE

XR-XX DENOTES SIGN TO BE REMOVED

N

15R-01
15R-02
R8-3A

15R-03
R7-1-L

15R-04
STOP
R1-1

15R-05
R8-3A

15R-06
15R-07
R8-3A

15R-08
NO PARKING
R7-1-R

15R-09
STOP
R1-1
ORANGE ST
OLDE ONEIDA
ROAD NAME SIGN TO BE REMOVED BY OTHERS

15R-10
STOP
R1-1
LINCOLN ST
OLDE ONEIDA
ROAD NAME SIGN TO BE REMOVED BY OTHERS

15R-11
SPEED LIMIT 25
R2-1

15R-12
TRUCK ROUTE
R14-1MOD

STA 300+75
301+00
302+00
303+00
304+00
305+00

MATCHLINE

S OLDE ONEIDA ST

E ORANGE ST

E LINCOLN ST

E SOUTH RIVER ST

BLOCK RETAINING WALL

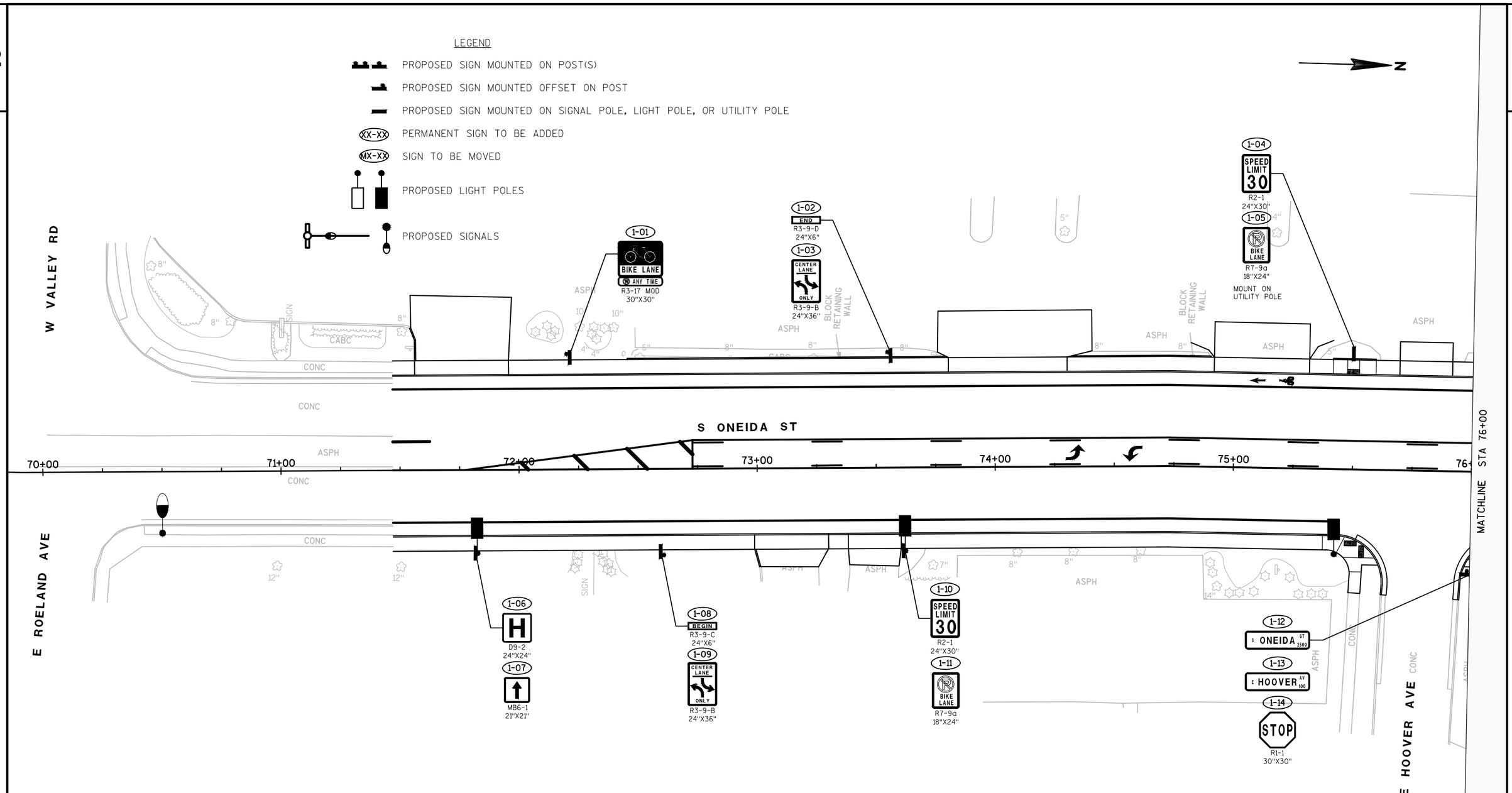
CONC
ASPH
CABC
GRAVEL
SIGN
POST

SCALE, FEET 0 20 40

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EXISTING SIGN REMOVALS - S OLDE ONEIDA ST	SHEET 110	E

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS



FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 111	E

2

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

N

2-01 CENTER LANE ONLY
R3-9-B
24"X36"
MOUNT ON UTILITY POLE

2-02 BIKE LANE ANY TIME
R3-17 MOD
30"X30"
MOUNT ON UTILITY POLE

2-03 E TAFT AVE 100

2-04 S 2400 ONEIDA ST 2500

S ONEIDA ST

MATCHLINE STA 76+00

MATCHLINE STA 82+00

77+00 78+00 79+00 80+00 81+00

45'

36'

2-05 TRUCK ROUTE
R14-1MOD
18"X24"

2-06 BIKE LANE
R7-9a
18"X24"

2-07 LEFT TURN YIELD ON FLASHING YELLOW ARROW
R10-50
30"X36"

2-08 BIKE LANE ANY TIME
R3-17 MOD
30"X30"

2-09 E TAFT AVE 100

E TAFT AVE

BLOCK RETAINING WALL

CANOPY

ASPH CONC SIGN 6" 4" 18" 26" 30" 36"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 112	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 02

PLOT DATE : 7/5/2017 9:41 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

N

W WILSON AVE

S ONEIDA ST

3-01 SPEED LIMIT 30 R2-1 24"X30"

3-02 BIKE LANE R7-9a 18"X24"

3-03 S ONEIDA ST 2400

3-04 W WILSON AV 100

3-05 STOP R1-1 30"X30"

3-06 BIKE LANE ANY TIME R3-17 MOD 30"X30" MOUNT ON UTILITY POLE

MATCHLINE STA 82+00

83+00 84+00 85+00 86+00 87+00 88+

MATCHLINE STA 88+00

3-07 SPEED LIMIT 30 R2-1 24"X30"

3-08 S ONEIDA ST 2300

3-09 E WILSON AV 100

3-10 STOP R1-1 30"X30"

3-11 CENTER LANE ONLY R3-9-B 24"X36"

3-12 BIKE LANE R7-9a 18"X24"

E WILSON AVE

E HARDING DR

3-13 S ONEIDA ST 2200

3-14 E HARDING DR 100

3-15 STOP R1-1 30"X30"

3-16 BIKE LANE ANY TIME R3-17 MOD 30"X30"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 113	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 03

PLOT DATE : 7/5/2017 9:41 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

N

MATCHLINE STA 88+00

4-01 BEGIN R3-9-C 24"X6"
4-02 CENTER LANE ONLY R3-9-B 24"X36"
4-03 BIKE LANE R7-9a 18"X24"
4-04 4-05 4-06 4-07 4-08 4-09 4-10 ONE WAY R6-1-R 36"X12"
4-11 SPEED LIMIT 30 R2-1 24"X30"
4-12 END SCHOOL ZONE S5-2 24"X30"

S ONEIDA ST

88+00 89+00 90+00 91+00 92+00 93+00 94+00

CANOPY ASPH CONC SIGN

4-13 END R3-9-D 24"X6"
4-14 CENTER LANE ONLY R3-9-B 24"X36"
4-15 SPEED LIMIT 30 R2-1 24"X30"
4-16 S ONEIDA ST 2100
4-17 E MURRAY AV 100
4-18 STOP R1-1 30"X30"
4-19 R4-7C 18"X30"
4-20 S1-1 36"X36"
4-21 AHEAD W16-9P 24"X12"
4-22 FINES HIGHER R2-6P 24"X18"
4-23 S ONEIDA ST 2000
4-24 E COOLIDGE AV 100
4-25 STOP R1-1 30"X30"
4-26 4-27 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 24"X48"
4-28 TRUCK ROUTE R14-1MOD 18"X24"
4-29 BIKE LANE R7-9a 18"X24"

E MURRAY AVE

E COOLIDGE AVE

MATCHLINE STA 94+00

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 114	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 04

PLOT DATE : 6/30/2017 10:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

N

MATCHLINE STA 94+00

MATCHLINE STA 100+00

MATCHLINE STA 210+50

MATCHLINE STA 213+50

CALUMET ST

E CALUMET ST

S ONEIDA ST

RAMLEN CT

211+00

212+00

213+00

PT: 211+51.10

95+00

96+00

97+00

98+00

99+00

100

5-01 BIKE LANE ANY TIME R3-17 MOD 30"X30"

5-02 R4-7C 18"X30"

5-03 CALUMET ST 100 E 100 W

5-04 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

5-05 BIKE LANE ANY TIME R3-17 MOD 30"X30"

5-06 TRUCK ROUTE R14-1MOD 18"X24"

5-07 S ONEIDA ST 1900

5-08 R4-7C 18"X30"

5-09 BIKE LANE R7-9a 18"X24" MOUNT ON UTILITY POLE

5-10 ONE WAY R6-1-R 36"X12"

5-11 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 24"X48"

5-12 TRUCK ROUTE R14-1MOD 18"X24" MOUNT ON UTILITY POLE

5-13 BIKE LANE ANY TIME R3-17 MOD 30"X30"

5-14 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

5-15 D9-2 24"X24"

5-16 MB6-1 21"X21"

5-17 S 1900 ONEIDA ST 2000

5-18 BIKE LANE ANY TIME R3-17 MOD 30"X30"

5-19 TRUCK ROUTE R14-1MOD

5-20 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

5-21 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

5-22 CALUMET ST 100 E 100 W

5-23 BIKE LANE ANY TIME R3-17 MOD 30"X30"

5-24 ONE WAY R6-1-R 36"X12"

5-25 STOP R1-1 24"X24"

5-26 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 24"X48"

5-27 R4-7 24"X30"

5-28 TRUCK ROUTE R14-1MOD 18"X24"

5-29 S 1900 ONEIDA ST 2000

5-30 E RAMLEN CT 100 NO OUTLET

5-31 STOP R1-1 30"X30"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 115	E

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

N

6-01 BIKE LANE R7-9a 18"X24"

6-02 STATE LAW YIELD FOR PEDESTRIANS R1-9 90"X24" MOUNT ON OVERHEAD SIGN SUPPORT

6-03 S1-1 36"X36" MOUNT ON OVERHEAD SIGN SUPPORT 15" CENTERED OVER LANE LINE

6-04 S1-1 36"X36"

6-05 W16-7L 30"X18" MOUNT ON OVERHEAD SIGN SUPPORT BASE

6-06 S ONEIDA ST 1000

6-07 W FOSTER ST 100

6-08 STOP R1-1 30"X30"

6-09 HERE TO R1-5L 36"X36"

W FOSTER ST

S ONEIDA ST

MATCHLINE STA 100+00

MATCHLINE STA 106+00

100+00 101+00 102+00 103+00 104+00 105+00 106

6-10 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 24"X48" MOUNT ON OVERHEAD SIGN SUPPORT BASE

6-11 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 54"X36" MOUNT ON OVERHEAD SIGN SUPPORT

6-12 BIKE LANE R7-9a 18"X24"

6-13 HERE TO R1-5L 36"X36"

6-14 S1-1 36"X36"

6-15 W16-7L 30"X18"

6-16 S1-1 36"X36" MOUNT ON OVERHEAD SIGN SUPPORT CENTERED OVER LANE LINE

6-17 STATE LAW YIELD FOR PEDESTRIANS R1-9 90"X24" MOUNT ON OVERHEAD SIGN SUPPORT

6-18 BIKE LANE NO ANY TIME R3-17 MOD 30"X30"

6-19 SPEED LIMIT 30 R2-1 24"X30"

6-20 END SCHOOL ZONE S5-2 24"X30"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 116	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 06

PLOT DATE : 7/5/2017 9:42 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

7-01 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT
S4-51
24"X48"
MOUNT ON OVERHEAD SIGN SUPPORT BASE

7-02 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT
S4-51
54"X36"
MOUNT ON OVERHEAD SIGN SUPPORT

7-03 BIKE LANE ANY TIME
R3-17 MOD
30"X30"
MOUNT ON UTILITY POLE

7-04 LEFT TURN YIELD ON FLASHING YELLOW ARROW
R10-50
30"X36"

7-05 W SEYMOUR ST 100

7-06 S 1600 ONEIDA ST 1500

7-07 ONLY
R3-8-A
36"X30"

7-08
R5-2
24"X24"

7-09 TRUCK ROUTE
R14-1MOD
18"X24"

7-10
S1-1
36"X36"

7-11 AHEAD
W16-9P
30"X18"

7-12 FINES HIGHER
R2-6P
24"X18"

7-13 BIKE LANE ANY TIME
R3-17 MOD
30"X30"

7-14 TRUCK ROUTE
R14-1MOD
18"X24"

7-15 S 1500 ONEIDA ST 1600

7-16 W SEYMOUR ST 100

7-17 LEFT TURN YIELD ON FLASHING YELLOW ARROW
R10-50
30"X36"

7-18 SPEED LIMIT 30
R2-1
24"X30"

7-19 BIKE LANE ANY TIME
R3-17 MOD
30"X30"

W SEYMOUR ST

S ONEIDA ST

MATCHLINE STA 106+00

MATCHLINE STA 111+00

106+00 107+00 108+00 109+00 110+00 111+00

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 117	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 07

PLOT DATE : 7/5/2017 9:42 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

8-01 STOP R1-1 30"X30"

8-02 R3-2 24"X24"

8-03 BIKE LANE R7-9a 18"X24"

8-04 R4-7 24"X30"

8-05 ONE WAY R6-1-R 36"X12"

8-06 ONE WAY R6-1-R 36"X12"

8-07 W5-54 18"X18" 4' MOUNTING HEIGHT

8-08 W12-1D 36"X36"

8-09 SPEED LIMIT 30 R2-1 24"X30"

8-10 E FREMONT ST 100

8-11 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

8-12 BIKE LANE ANY TIME R3-17 MOD 30"X30"

8-13 S 1400 ONEIDA ST 1300

8-14 TRUCK ROUTE R14-1MOD 18"X24"

N

S ONEIDA ST

MATCHLINE STA 111+00

MATCHLINE STA 117+00

112+00 113+00 114+00 115+00 116+00

8-15 STOP R1-1 30"X30"

8-16 R3-2 24"X24"

8-17 TRUCK ROUTE R14-1MOD 18"X24"

8-18 BIKE LANE R7-9a 18"X24"

8-19 BIKE LANE ANY TIME R3-17 MOD 30"X30"

8-20 E FREMONT ST 100

ONLY ONLY

E FREMONT ST

MATCHLINE C

8-21 ONLY ONLY R3-8-F 36"X30"

8-22 R8-3 18"X18"

8-23 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36"X30"

S MONROE ST

E FREMONT ST

MATCHLINE C

ASPH CONC SIGN BLOCK RETAINING WALL

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 118	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 08

PLOT DATE : 9/26/2017 10:42 AM PLOT BY : SILVA, DIEGO PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- (XX-XX) PERMANENT SIGN TO BE ADDED
- (MX-XX) SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

N

9-01 BIKE LANE ANY TIME R3-17 MOD 30"X30" MOUNT ON UTILITY POLE

9-02 END R3-9-D 24"X6"

9-03 CENTER LANE ONLY R3-9-B 24"X36"

9-04 BIKE LANE R7-9a 18"X24"

BLOCK RETAINING WALL

S ONEIDA ST

MATCHLINE STA 117+00

MATCHLINE STA 122+50

118+00 119+00 120+00 121+00 122+00

9-05 SPEED LIMIT 30 R2-1 24"X30"

9-06 BEGIN R3-9-C 24"X6"

9-07 CENTER LANE ONLY R3-9-B 24"X36"

E HARRISON ST

9-08 S ONEIDA ST 1200

9-09 E HARRISON ST 100

9-10 STOP R1-1 30"X30"

9-11 BIKE LANE R7-9a 18"X24"

9-12 END R3-9-D 24"X6"

9-13 CENTER LANE ONLY R3-9-B 24"X36"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 119 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 09

PLOT DATE : 6/30/2017 10:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

10-01 R4-7C 18"X30"

10-02 BEGIN R3-9-C 24"X6"

10-03 CENTER LANE ONLY R3-9-B 24"X36"

10-04 SPEED LIMIT 30 R2-1 24"X30"

10-05 R4-7C 18"X30"

10-06 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

10-07 S OLDE ONEIDA ST 1000

10-08 BIKE LANE ANY TIME R3-17 MOD 30"X30"

10-09 S 1100 ONEIDA ST 1000

10-10 H D9-2 24"X24"

10-11 MB6-1 21"X21"

10-12 R4-7C 18"X30"

10-13 S ONEIDA ST 1100

10-14 E MCKINLEY ST 100

10-15 STOP R1-1 30"X30"

10-16 BIKE LANE ANY TIME R3-17 MOD 30"X30"

10-17 TRUCK ROUTE R14-1MOD 18"X24"

10-18 BIKE LANE ANY TIME R3-17 MOD 30"X30"

10-19 S 1000 ONEIDA ST 1100

10-20 RIGHT LANE MUST TURN RIGHT R3-7-R 30"X30"

10-21 S OLDE ONEIDA ST 1000

10-22 LEFT TURN YIELD ON FLASHING YELLOW ARROW R10-50 30"X36"

10-23 BIKE LANE ANY TIME R3-17 MOD 30"X30"

M10-01 DOWNTOWN PERFORMING ARTS CTR / RIVERFRONT - LOCKS PAPER DISCOVERY CTR 66"X54"

M10-02 Flowers by THE MARIGOLD MILE "Volunteers" CONTACT: FOX VALLEY NURSERY MOUNT AT 3' HEIGHT

S ONEIDA ST

123+00 124+00 125+00 126+00 127+00 128+00

MATCHLINE STA 122+50

MATCHLINE STA 128+50

BP: 300+00.00

STA 300+75

MATCHLINE

E MCKINLEY ST

S OLDE ONEIDA ST

ASPH CONC TIMBER WALL SIGN

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 120	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 10
PLOT DATE : 6/30/2017 10:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

MATCHLINE STA 128+50

S ONEIDA ST

11-01 TRUCK ROUTE R14-1MOD 18"X24"

11-02 BIKE LANE R7-9a 18"X24"

11-03 SPEED LIMIT 30 R2-1 24"X30"

11-04 ONEIDA SKYLINE BRIDGE

ASPH

CONC

129+00 130+00 131+00 132+00 133+00 134+00

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SCALE, FEET 0 20 40	SHEET 121	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023201-PS.DWG
LAYOUT NAME - 023201-PS - 11
PLOT DATE : 6/30/2017 10:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

N

M12-01 Village of Fox Crossing

M12-02 TREE CITY USA Arbor Day Foundation 10 Years

12-01 BIKE LANE R3-17 30"X24"

12-02 ENDS R3-17-B 30"X12"

12-03 BIKE LANE R7-9a 18"X24"

12-04 SPEED LIMIT 30 R2-1 24"X30"

12-05 END SCHOOL ZONE S5-2 24"X30"

CALUMET ST

205+00 206+00 207+00 208+00 209+00 210+00

STA 210+50 MATCHLINE

12-06 BIKE LANE R3-17 30"X24"

12-07 AHEAD R3-17-A 30"X12"

12-08 S1-1 36"X36"

12-09 AHEAD W16-9P 30"X18"

12-10 FINES HIGHER R2-6P 24"X18"

12-11 D9-2 24"X24"

12-12 MB5-1L 21"X21"

12-13 TRUCK ROUTE R14-1MOD 18"X24"

12-14 SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT S4-51 24"X48"

12-15 BIKE LANE R7-9a 18"X24"

12-16 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36"X30"

ASPH CONC SIGN BLOCK RETAINING WALL CANOPY

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING - CALUMET STREET	SCALE, FEET 0 20 40	SHEET 122	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023202-PS.DWG
LAYOUT NAME - 023202-PS - 01

PLOT DATE : 6/30/2017 10:10 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

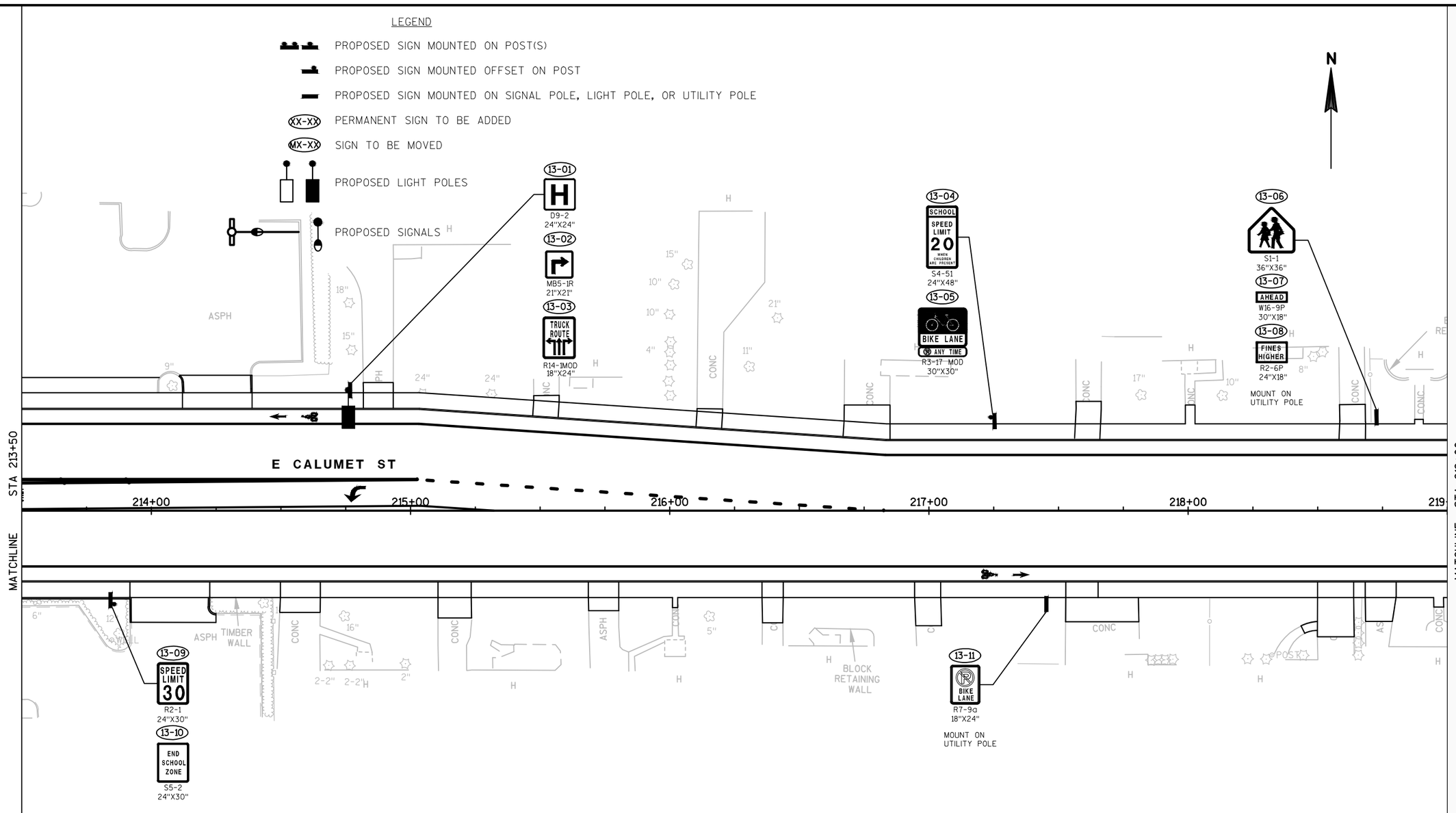
PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS



FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING - CALUMET STREET	SCALE, FEET 0 20 40	SHEET 123	E

2

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED OFFSET ON POST

PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE

XX-XX PERMANENT SIGN TO BE ADDED

MX-XX SIGN TO BE MOVED

PROPOSED LIGHT POLES

PROPOSED SIGNALS

N

14-01 SPEED LIMIT 30 R2-1 24"X30"

14-02 BIKE LANE ANY TIME R3-17 MOD 30"X30" MOUNT ON UTILITY POLE

14-03 E CALUMET ST 300

14-04 S JEFFERSON ST 1900

14-05 STOP R1-1 30"X30"

E CALUMET ST

MATCHLINE STA 219+00

220+00 221+00 222+00 223+00 224+00

BLOCK RETAINING WALL

POST 3-4"

ASPH CONC H 25" 8" 16" 4"

14-06 E CALUMET ST 300

14-07 S MADISON ST 2000

14-08 STOP R1-1 30"X30"

S MADISON ST

14-09 BIKE LANE R7-9a 18"X24"

14-10 SPEED LIMIT 30 R2-1 24"X30" MOUNT ON UTILITY POLE

14-11 BIKE LANE R3-17 30"X24"

14-12 ENDS R3-17-B 30"X12"

TIMBER WALL

CABC

SIGN

S JEFFERSON ST

14-13 E CALUMET ST 300

14-14 S JEFFERSON ST 1900

14-15 STOP R1-1 30"X30"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING - CALUMET STREET	SCALE, FEET 0 20 40	SHEET 124	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023202-PS.DWG
LAYOUT NAME - 023202-PS - 03

PLOT DATE : 6/30/2017 10:11 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED OFFSET ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL POLE, LIGHT POLE, OR UTILITY POLE
- XX-XX PERMANENT SIGN TO BE ADDED
- MX-XX SIGN TO BE MOVED
- PROPOSED LIGHT POLES
- PROPOSED SIGNALS

N

STA 300+75

MATCHLINE

301+00

299+00

302+00

303+00

304+00

305+00

S OLDE ONEIDA ST

E SOUTH RIVER ST

E ORANGE ST

289+00

288+00

E LINCOLN ST

15-01 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36"X30"

15-02 BIKE LANE ANY TIME R3-17 MOD 30"X30"

15-03 STOP R1-1 24"X24"

15-04 S OLDE ONEIDA ST 1000

15-05 E ORANGE ST 100

15-06 STOP R1-1 30"X30"

15-07 RIGHT LANES ONLY R3-17a 24"X30"

15-08 S OLDE ONEIDA ST 1000

15-09 E LINCOLN ST 100

15-10 STOP R1-1 30"X30"

15-11 TRUCK ROUTE R14-1MOD 18"X24"

15-12 BIKE LANE R7-9a 18"X24"

FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

SCALE, FEET 0 20 40

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PERMANENT SIGNING - OLDE ONEIDA STREET	SHEET 125 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNING\PROPOSED\023203-PS.DWG
LAYOUT NAME - 023203-PS - 01

PLOT DATE : 6/30/2017 10:12 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND:

- EXISTING LUMINAIRE ON TRAFFIC SIGNAL POLE
- NEW LED LUMINAIRE ON TRAFFIC SIGNAL POLE (BY CITY)
- EXISTING LED LUMINAIRE ON 30–FT POLE
- NEW SINGLE LIGHTING UNIT (33.5–FT MH): 96W, 11,700 LUMENS, TYPE SL2 DIST. LED LUMINAIRE (TYPE 1) ON 30–FT POLE, TRANSFORMER BASE, 6–FT MAST ARM.
- NEW SINGLE LIGHTING UNIT (33.5–FT MH): 113W, 12,165 LUMENS, TYPE SL3 DIST. LED LUMINAIRE (TYPE 2) ON 30–FT POLE, TRANSFORMER BASE, 6–FT MAST ARM.
- NEW TWIN LIGHTING UNIT (33.5–FT MH): 96W, 11,700 LUMENS, TYPE SL2 DIST. LED LUMINAIRES (TYPE 1) ON 30–FT POLE, TRANSFORMER BASE, 6–FT MAST ARMS.
- NEW SINGLE LIGHTING UNIT (43.5–FT MH): 225W, 24,365 LUMENS, TYPE SL3 DIST. LED LUMINAIRE (TYPE 3) ON 40–FT POLE, TRANSFORMER BASE, 8–FT MAST ARM.
- EXISTING UNDERGROUND WIRING
- NEW 2–8AWG & 1–10AWG CONDUCTORS IN 2–INCH SCH. 80 NONMETALLIC CONDUIT
- NEW 1–12AWG (TRACER WIRE) IN 2–INCH SCH. 80 NONMETALLIC CONDUIT
- E — CONDUIT STUB CAPPED
- EXISTING PULL BOX
- NEW 24 X 42–INCH NON–CONDUCTIVE PULL BOX

STA. 124+00, 20.00'RT ← LOCATION (TO CENTER OF BASE OR PULL BOX)
LT1 OR LPB–T1 ← LIGHTING UNIT OR PULL BOX NUMBER

KEYED NOTES:

1. REFER TO TRAFFIC SIGNAL PLANS FOR WIRING TO LUMINAIRE ON POLE.
2. NO SPLICES ALLOWED IN PULL BOX.
3. INTERCEPT EXISTING 2–INCH CONDUIT AND EXTEND NEW CONDUCTORS TO EXISTING PULL BOX AND TERMINATE TO EXISTING LIGHTING CONDUCTORS. DISCONNECT EXISTING FEED TO EXISTING LIGHTS PRIOR TO CONNECTING TO NEW CIRCUIT.
4. LABEL ALL CIRCUITS ENTERING CONTROL CABINET BASE (ACTS AS PULL BOX) AND LEAVE 10–FT OF SLACK TO ALLOW CONNECTION BY CITY OF APPLETON.
5. PROVIDE 5–FT RADIUS BEND IN CONDUIT.
6. REMOVE EXISTING CONDUCTORS BETWEEN EXISTING LIGHTING UNIT AND EXISTING SIGNAL CABINET. INTERCEPT EXISTING 2–INCH SCH. 80 NONMETALLIC CONDUIT. PROVIDE NEW CONDUCTORS (CONTINOUS) TO RECONNECT EXISTING LIGHTING TO NEW SIGNAL CABINET.
7. CONNECT TO 2–INCH CONDUIT INSTALLED WITH PROJECT 1517–75–83 AND EXTEND TRACER WIRE TO LIGHTING CONTROL AND SIGNAL CABINET.
8. WORK BY CITY: DISCONNECT AND REMOVE EXISTING CONDUCTORS, SERVICE, DISCONNECT SWITCH SERVING EXISTING LIGHTING. (EXISTING LIGHTING TO BE RECONNECTED TO NEW CABINET PER PLANS.)
9. ADD 1–POLE FUSE HOLDER/FUSE INTO EXISTING NEUTRAL CONDUCTOR IN POLE – NEUTRAL CONDUCTOR TO BE CONVERTED TO CIRCUIT (PHASE) CONDUCTOR. APPLY ELECTRICAL TAPE ON EXISTING NEUTRAL CONDUCTORS IN POLE TO RE–IDENTIFY AS CIRCUIT (PHASE) CONDUCTORS.
10. APPLY ELECTRICAL TAPE ON EXISTING NEUTRAL CONDUCTORS IN PULL BOX TO RE–IDENTIFY AS CIRCUIT (PHASE) CONDUCTORS.

GENERAL NOTES:

1. UNDERGROUND CONDUIT TO BE INSTALLED BELOW SIDEWALKS/ROAD (IN RIGHT OF WAY). COORDINATE EXACT LOCATION WITH UTILITIES.
2. EXACT LOCATIONS OF LIGHTING UNIT SHALL BE VERIFIED WITH CITY PRIOR TO INSTALLATION FOR ANY ADJUSTMENTS.
3. COORDINATE TRENCHING OF LIGHTING CONDUITS WITH TRAFFIC SIGNAL CONDUITS.
4. PROVIDE BLACK, RED AND GREEN COLOR CODING OF CONDUCTORS.
5. REFER TO TRAFFIC SIGNAL PLANS TO COORDINATE INSTALLATION.

2

N

VALLEY RD.

S ONEIDA ST

70+00 71+00 72+00 73+00 74+00 75+00 76+00

MATCHLINE STA. 77+00.00

STA. 71+83, 35.00'RT
LT1

STA. 73+62, 35.00'RT
LT2

STA. 75+42, 35.78'RT
LT3

LPB901

7

ROELAND AVE.

HOOVER AVE

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 2 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 127	E

2

N

MATCHLINE STA. 77+00.00

MATCHLINE STA. 84+00.00

S ONEIDA ST

78+00 79+00 80+00 81+00 82+00 83+00

STA. 77+57, 35.00'RT
LT4

STA. 82+10, 35.03'RT
LT5

STA. 83+51, 42.42'RT
LT6

LIGHTING CONTROL
AND SIGNAL CABINET
'T'

TAFT AVE

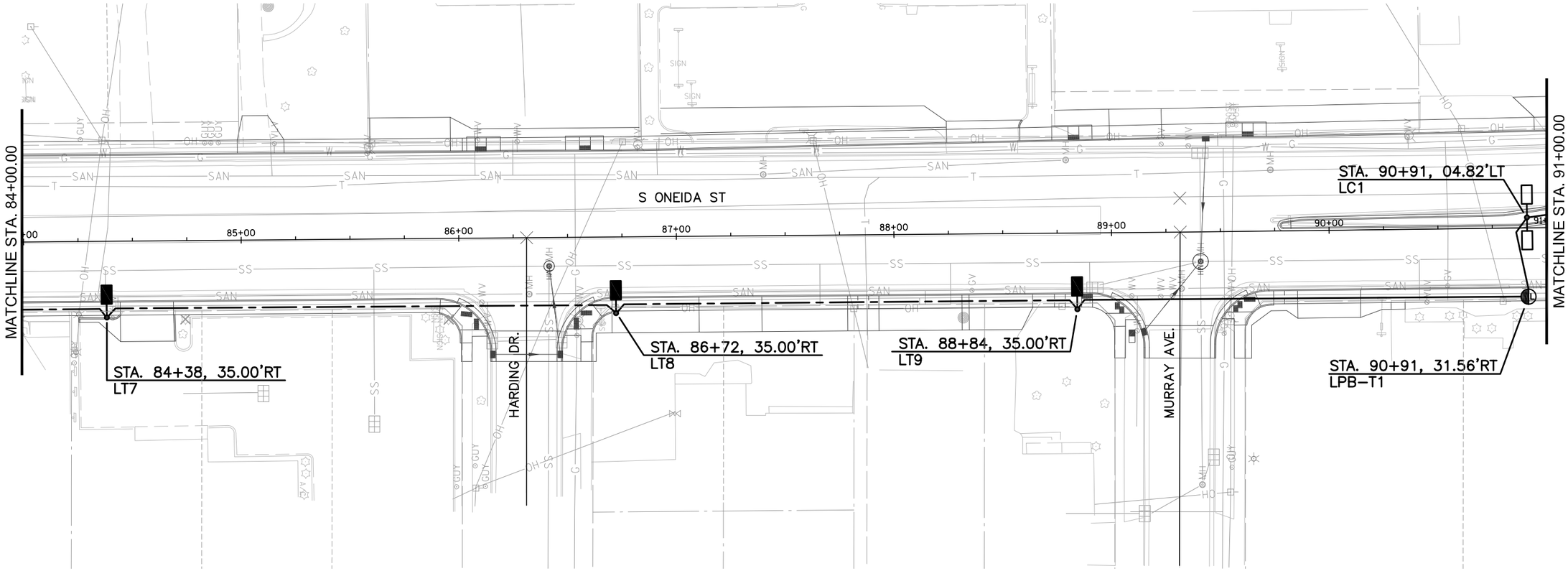
WILSON AVE

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 3 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 128	E

2

N



DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 4 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 129 E

2

N

MATCHLINE STA. 210+00.00

W CALUMET ST

LIGHTING CONTROL AND SIGNAL CABINET 'C'

STA. 93+57, 15.25'LT
LPB–C1

S ONEIDA ST

STA. 92+71, 14.70'LT
LC2

STA. 97+82, 04.31'LT
LC6

STA. 96+86, 03.70'LT
LPB–C2

MATCHLINE STA. 91+00.00

MATCHLINE STA. 98+25.00

COOLIDGE AVE

CALUMET ST.

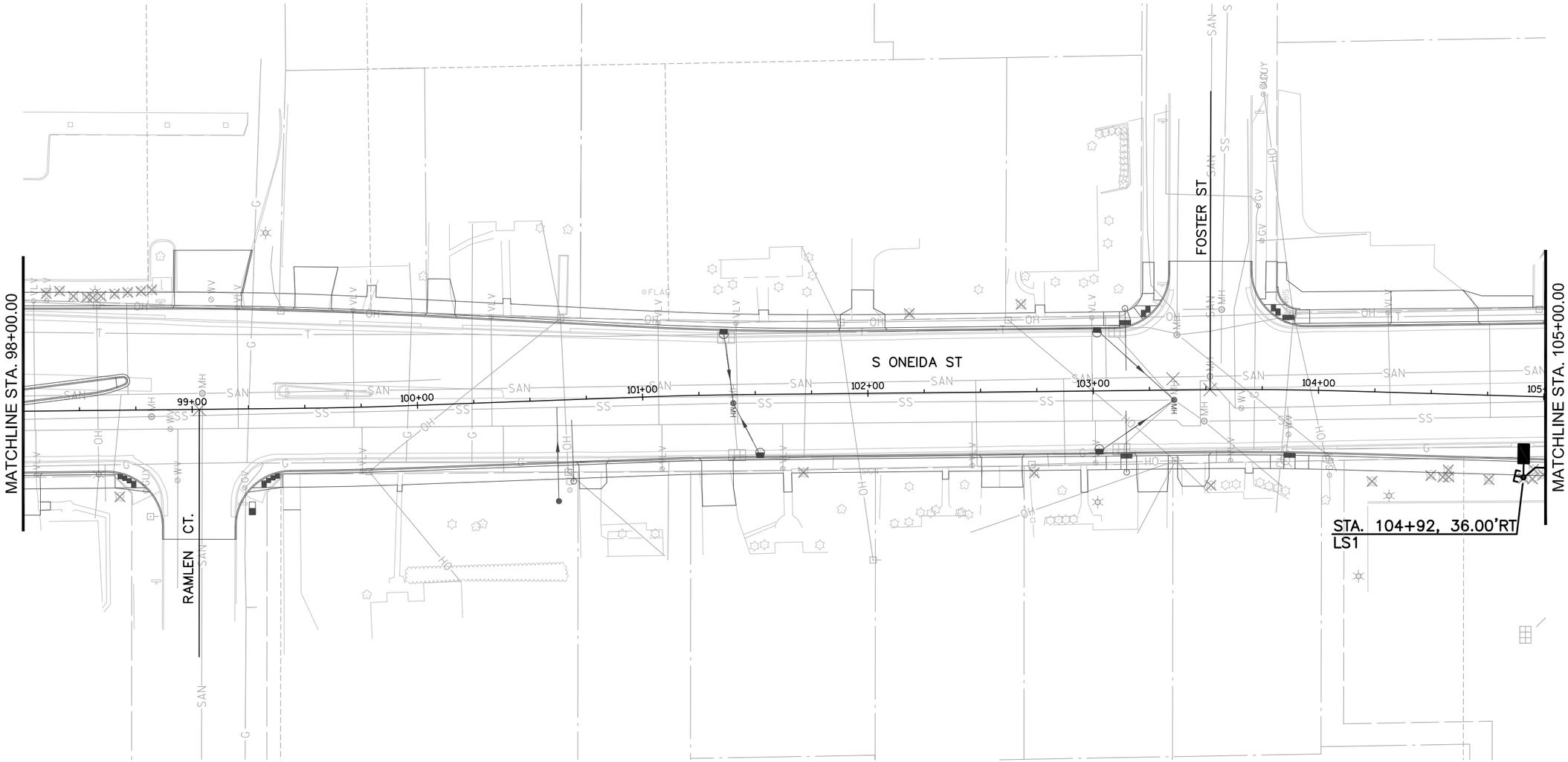
MATCHLINE STA. 214+00.00

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 5 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 130	E

2

N

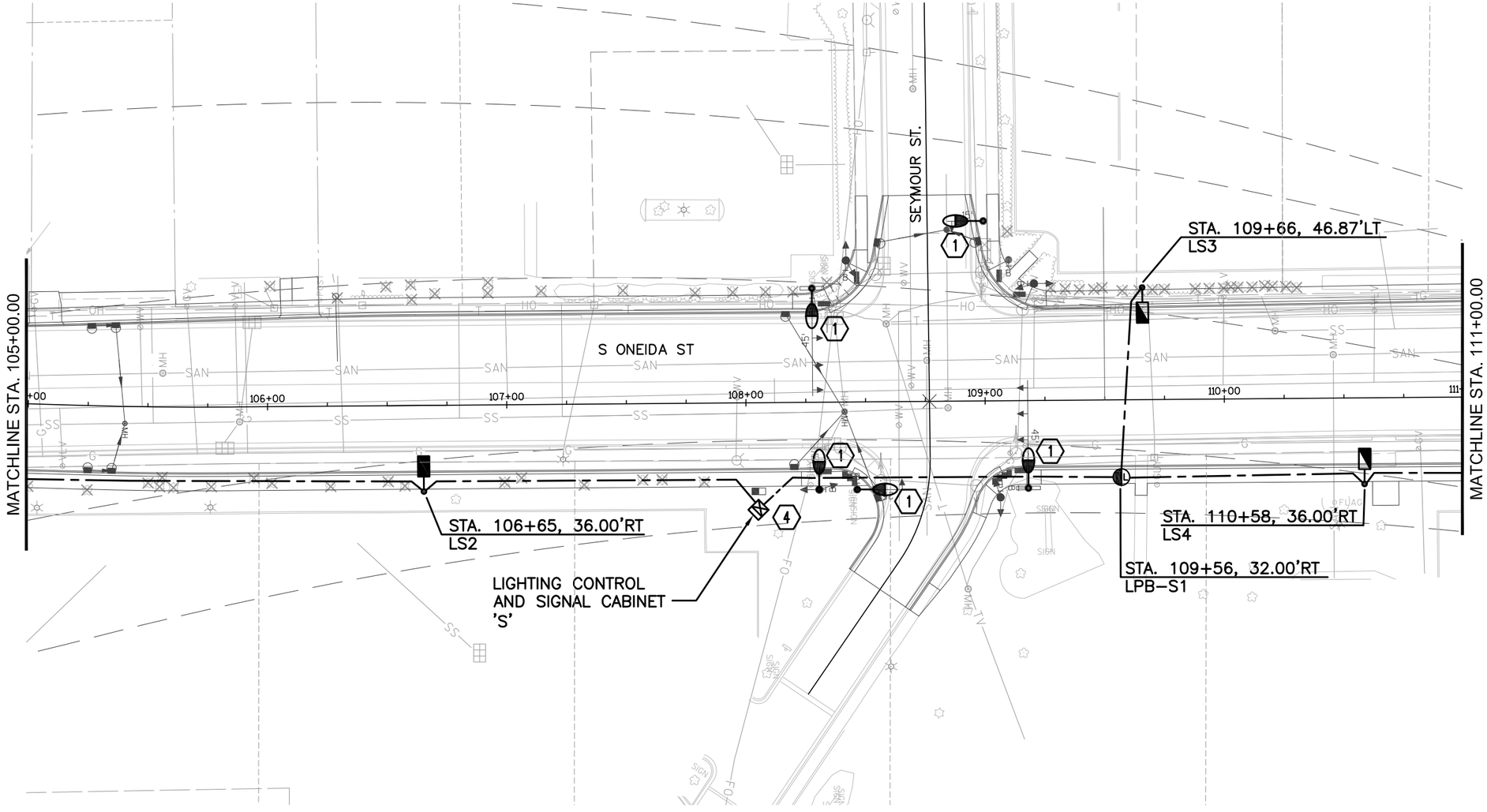


DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 6 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 131	E

2

N



DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 7 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 132 E

2

N

MATCHLINE STA. 111+00.00

MATCHLINE STA. 118+00.00

STA. 111+83, 05.70'LT
LS5

STA. 113+15, 48.54'LT
LF1

S ONEIDA ST

STA. 111+73, 32.00'RT
LPB–S2
2

STA. 113+18, 32.00'RT
LPB–F1
2

STA. 114+18, 36.00'RT
LF2

LIGHTING CONTROL
AND SIGNAL CABINET
'F'
4

HELICOPTER
FLIGHT PATH

FREMONT ST

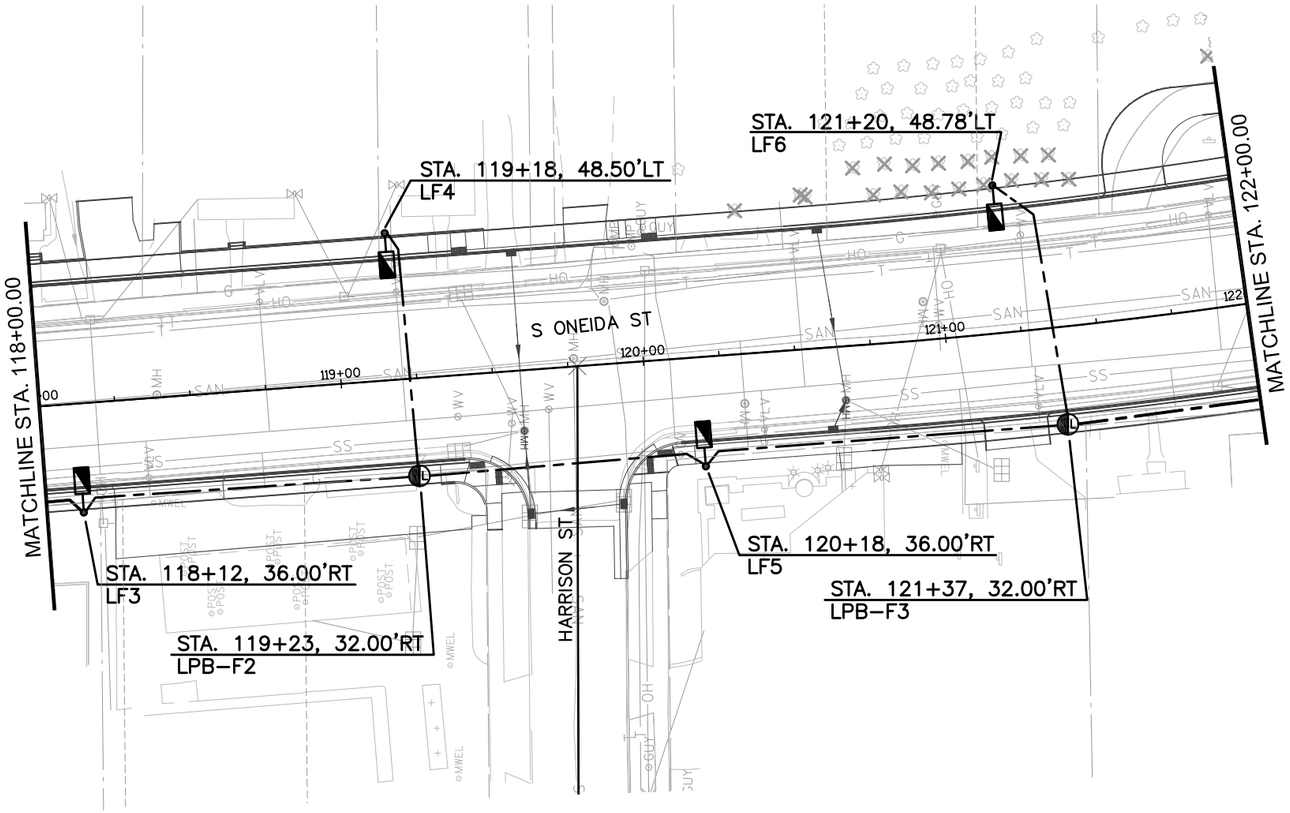
EXISTING LIGHTING AND
SIGNAL CABINET
(TO BE REMOVED –
REFER TO SIGNAL PLANS)
6

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 8 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 133	E

N

2



DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 9 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 134 E

2

N

MATCHLINE STA. 122+00.00

STA. 122+22, 36.00'RT
LF7

STA. 123+10, 51.83'LT
LL1

STA. 124+73, 03.87'LT
LL2

STA. 125+83, 17.60'LT
LL3

STA. 126+00, 36.50'RT
LPB–L1

STA. 288+62, 23.00'LT
LL8

STA. 128+94, 31.00'RT
LPB–L2

LIGHTING CONTROL AND SIGNAL CABINET 'L'

STA. 302+04, 28.29'LT
LL6

MATCHLINE STA. 129+00.00

MATCHLINE STA. 302+10.00

S ONEIDA ST

MCKINLEY ST

E ORANGE STREET

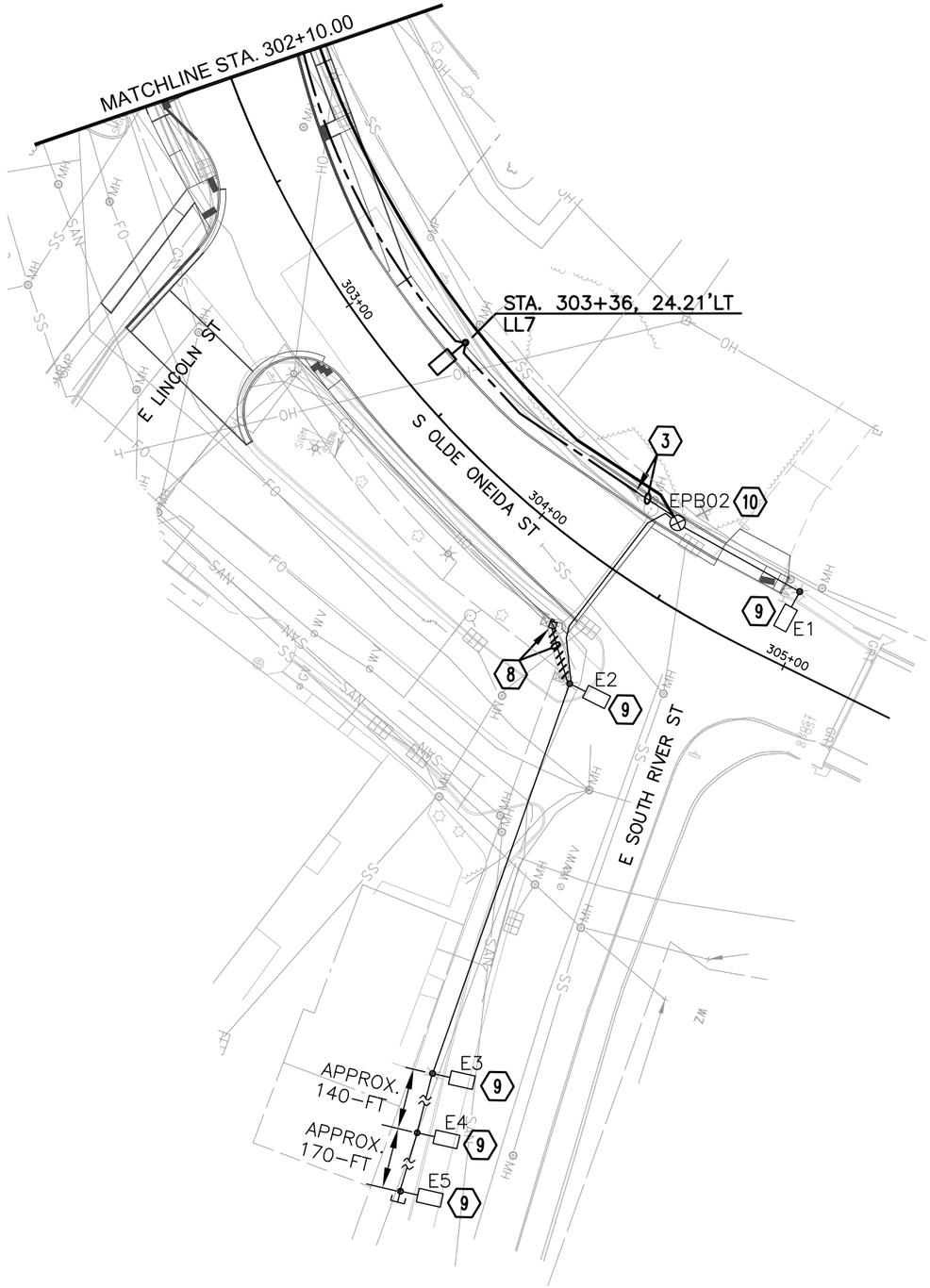
S OLDE ONEIDA ST

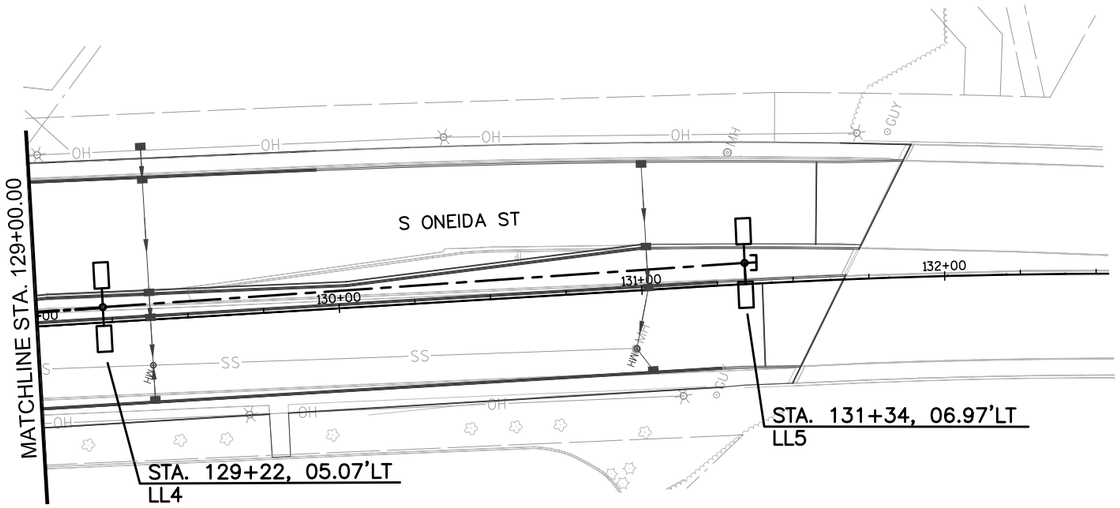
123+00 124+00 125+00 126+00 127+00 128+00 288+00 289+00 290+00 301+00 302+00

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 10 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 135 E

6/29/2017 2:35:06 PM





N

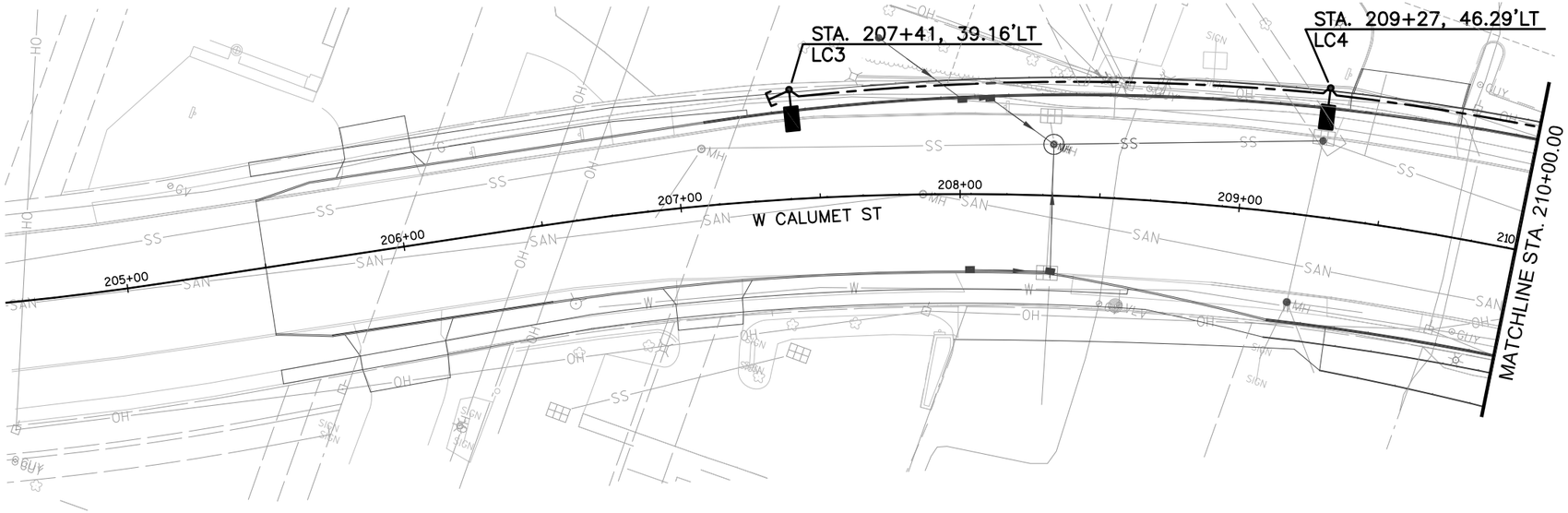
2

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 11 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 136	E

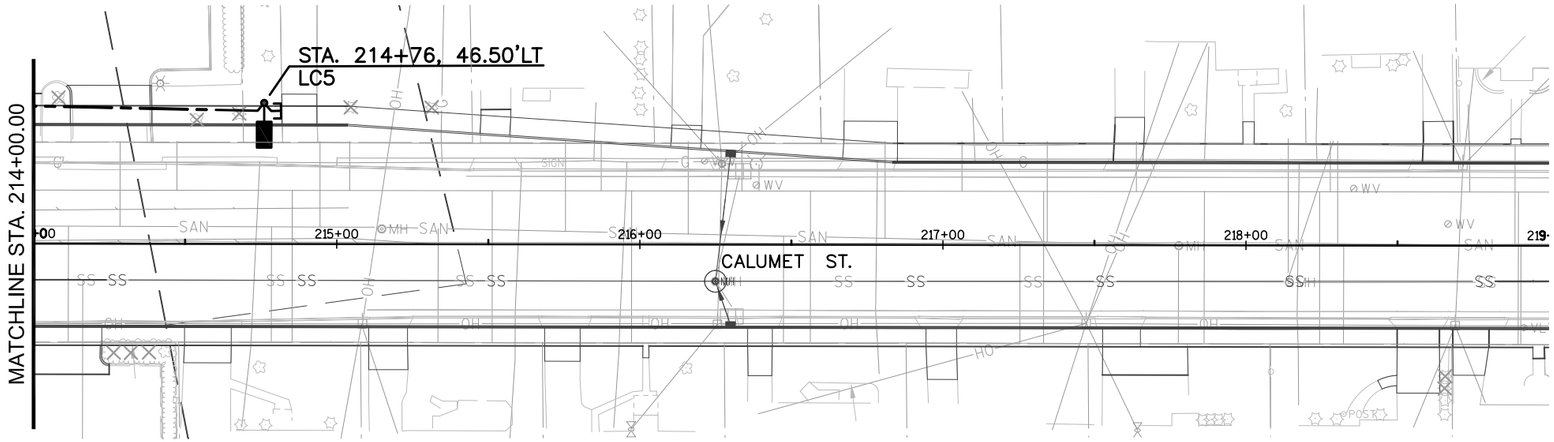
6/28/2017 1:55:37 PM

2


STA. 207+41, 39.16'LT
LC3
STA. 209+27, 46.29'LT
LC4
W CALUMET ST
205+00
206+00
207+00
208+00
209+00
MATCHLINE STA. 210+00.00
SS
SAN
OH
W
SIGN
GUY

2

N



DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 13 OF 15

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	LIGHTING PLAN	SHEET NO: 138 E

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		NON–CONDUCTIVE PULL BOX
BOX DIAMETER ** (INSIDE)	A	24
BOX OVERALL OUTSIDE DIAMETER	B	27
BOX LENGTH	C	42
FRAME OPENING	D	22 1/2
WEIGHT IN POUNDS *		
COVER		50
BOX ONLY		85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN 1/4".

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

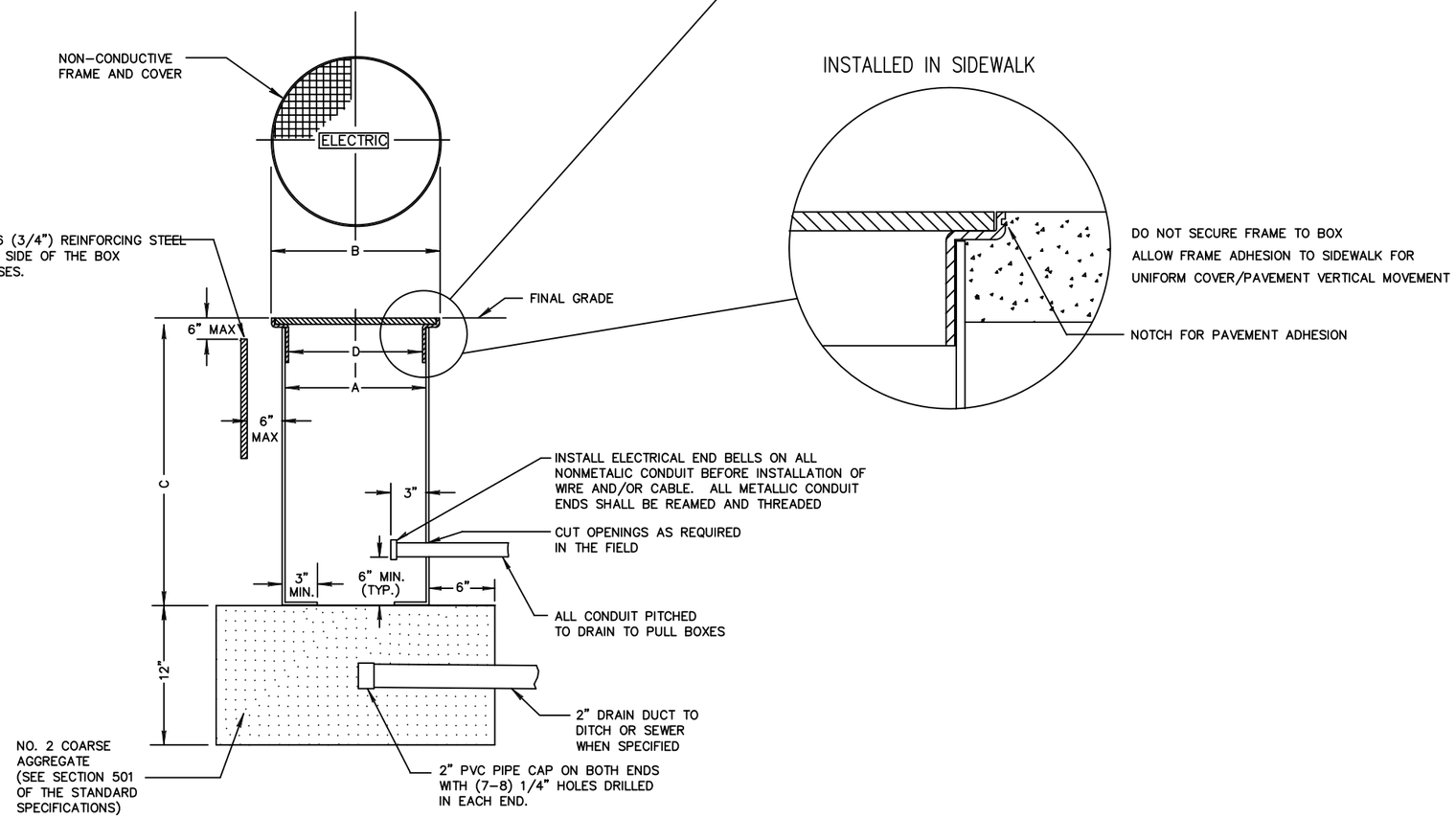
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

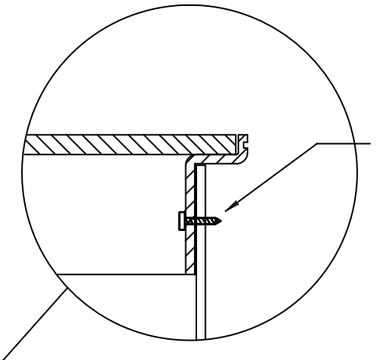
ENTIRE BOX MUST BE CONSTRUCTED OF NON–CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2–3 INCHES BELOW GRADE AND COVER IT WITH 2–3 INCHES OF CRUSHED AGGREGATE

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL OR LIGHTING SYSTEMS.



INSTALLED IN SOD OR CRUSHED AGGREGATE

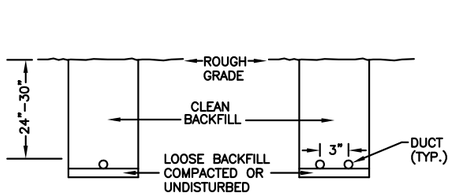


INSTALLED IN SIDEWALK

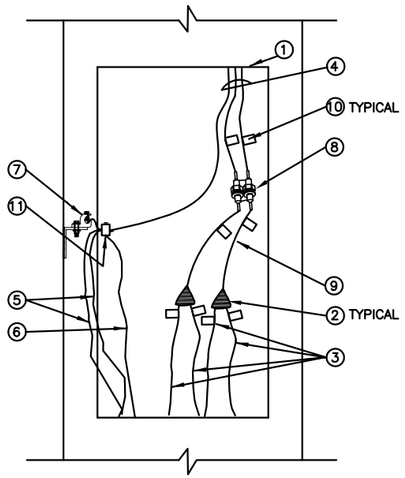
NON–CONDUCTIVE PULL BOX

DESIGNED BY: POWRTEK ENGINEERING, INC. SHEET 14 OF 15

2



TRENCH FOR NONMETALLIC CONDUIT
NO SCALE



1. TRANSFORMER BASE AND COVER
2. INSULATED SPLICE
3. UNGROUNDED CONDUCTORS
4. TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG TO LUMINAIRE
5. SYSTEM GROUNDING CONDUCTORS
6. GROUND CONDUCTOR TO GROUND ROD
7. HANDHOLE GROUNDING LUG
8. 2–POLE, SUBMERSION RATED, BREAKAWAY, COMPRESSION CONNECTORS, INLINE FUSE ASSEMBLY (EQUAL TO HOMAC SLT–6) WITH 5–AMP FAST ACTING FUSES
9. 12" PIGTAIL BETWEEN SPLICE AND FUSE ASSEMBLY
10. CIRCUIT TAG
11. REVERSIBLE PRESSURE OR COMPRESSION GROUNDING CONNECTION (NOT INSULATED)

POLE WIRING DETAIL
NO SCALE

2

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- MICROWAVE DETECTOR
- RADIO ANTENNA
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 12" X 24"
- SIGNAL HEAD NUMBER

N

77+00 78+00 79+00 80+00 81+00 82+00

S ONEIDA ST

E TAFT AVE

SB1 SB2 SB3 SB4 SB5 PB1 PB2

ABANDON

EXISTING PULL BOX, LOOP DETECTOR CONDUIT AND CABLING TO REMAIN.

- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE : GRAYSHADE REPRESENTS EXISTING
BOLD REPRESENTS ITEMS TO BE REMOVED

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
3. CABINET AND CONTROLLER TO BE REMOVED BY CITY ELECTRICAL PERSONNEL.

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & E. TAFT AVE
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 1 OF 5

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 141	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024001-SR.DWG
LAYOUT NAME - 024001-SR - 01

PLOT DATE : 6/30/2017 9:58 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

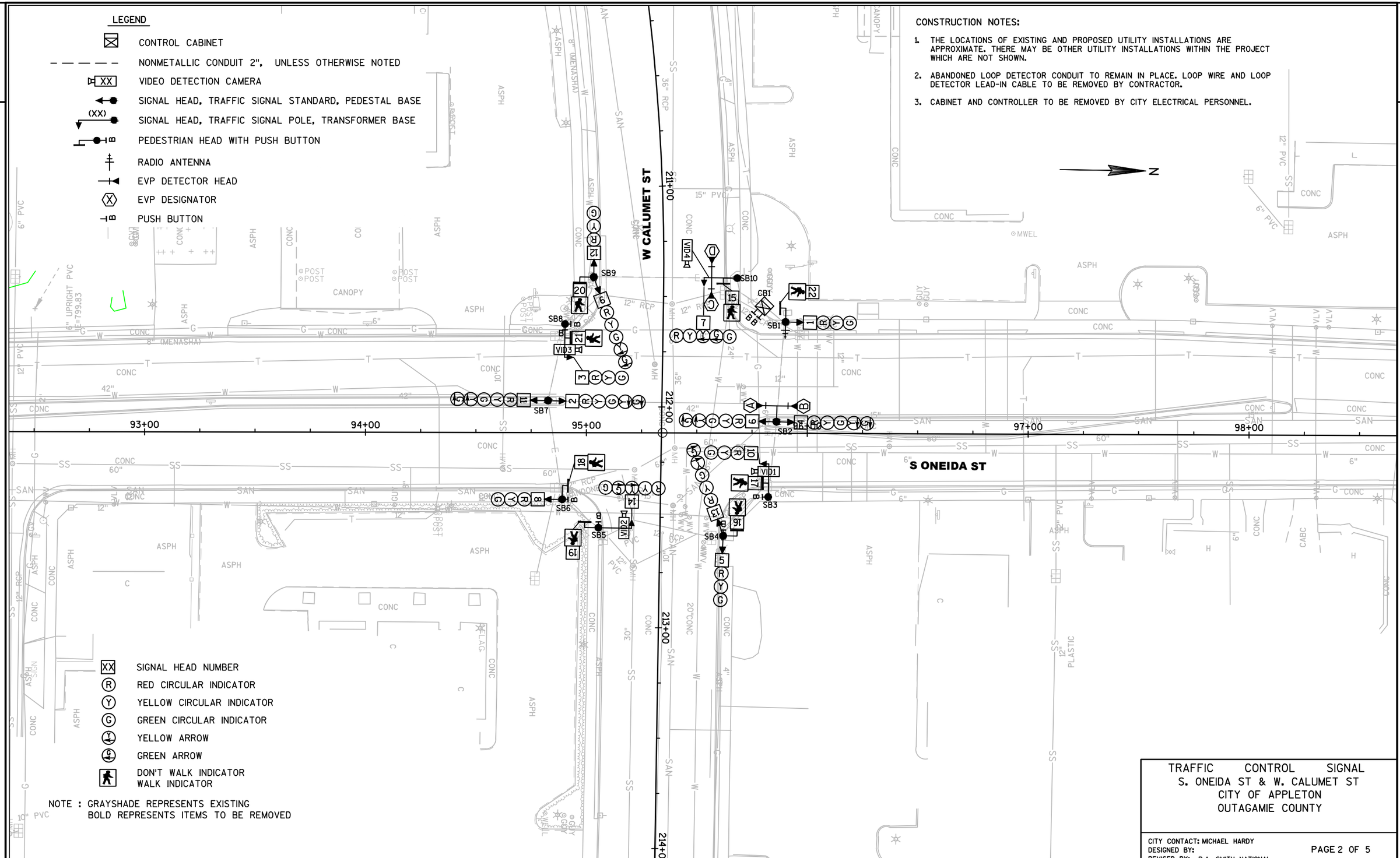
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- VIDEO DETECTION CAMERA
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- RADIO ANTENNA
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PUSH BUTTON

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
3. CABINET AND CONTROLLER TO BE REMOVED BY CITY ELECTRICAL PERSONNEL.



- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE : GRAYSHADE REPRESENTS EXISTING
BOLD REPRESENTS ITEMS TO BE REMOVED

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & W. CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 2 OF 5

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 142	E

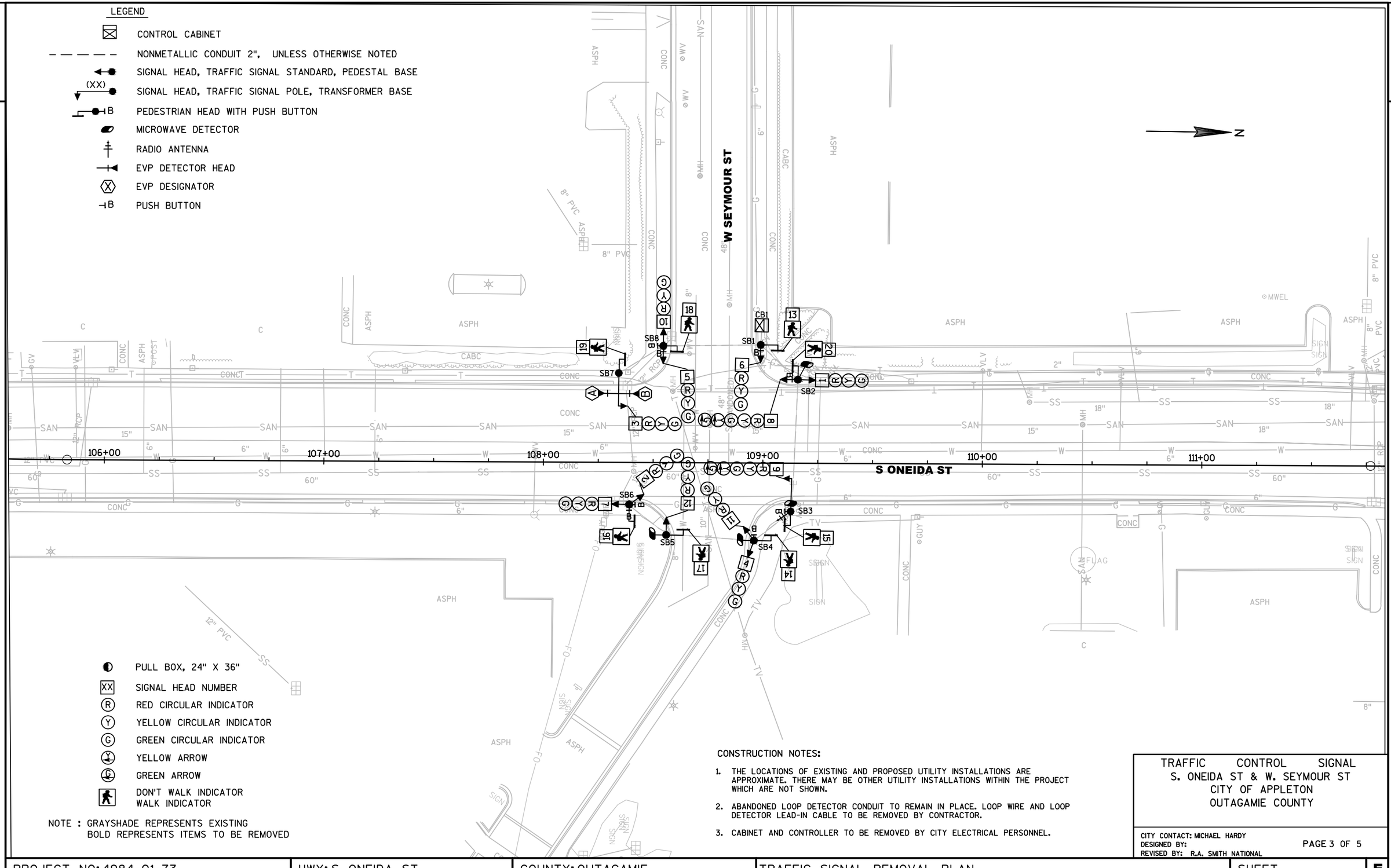
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024002-SR.DWG
LAYOUT NAME - 024002-SR - 01

PLOT DATE : 6/29/2017 11:23 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- MICROWAVE DETECTOR
- RADIO ANTENNA
- EVP DETECTOR HEAD
- (X) EVP DESIGNATOR
- B PUSH BUTTON



- PULL BOX, 24" X 36"
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE : GRAYSHADE REPRESENTS EXISTING
BOLD REPRESENTS ITEMS TO BE REMOVED

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
3. CABINET AND CONTROLLER TO BE REMOVED BY CITY ELECTRICAL PERSONNEL.

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & W. SEYMOUR ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 143	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024003-SR.DWG
LAYOUT NAME - 024003-SR - 01

PLOT DATE : 6/29/2017 11:23 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

2

2

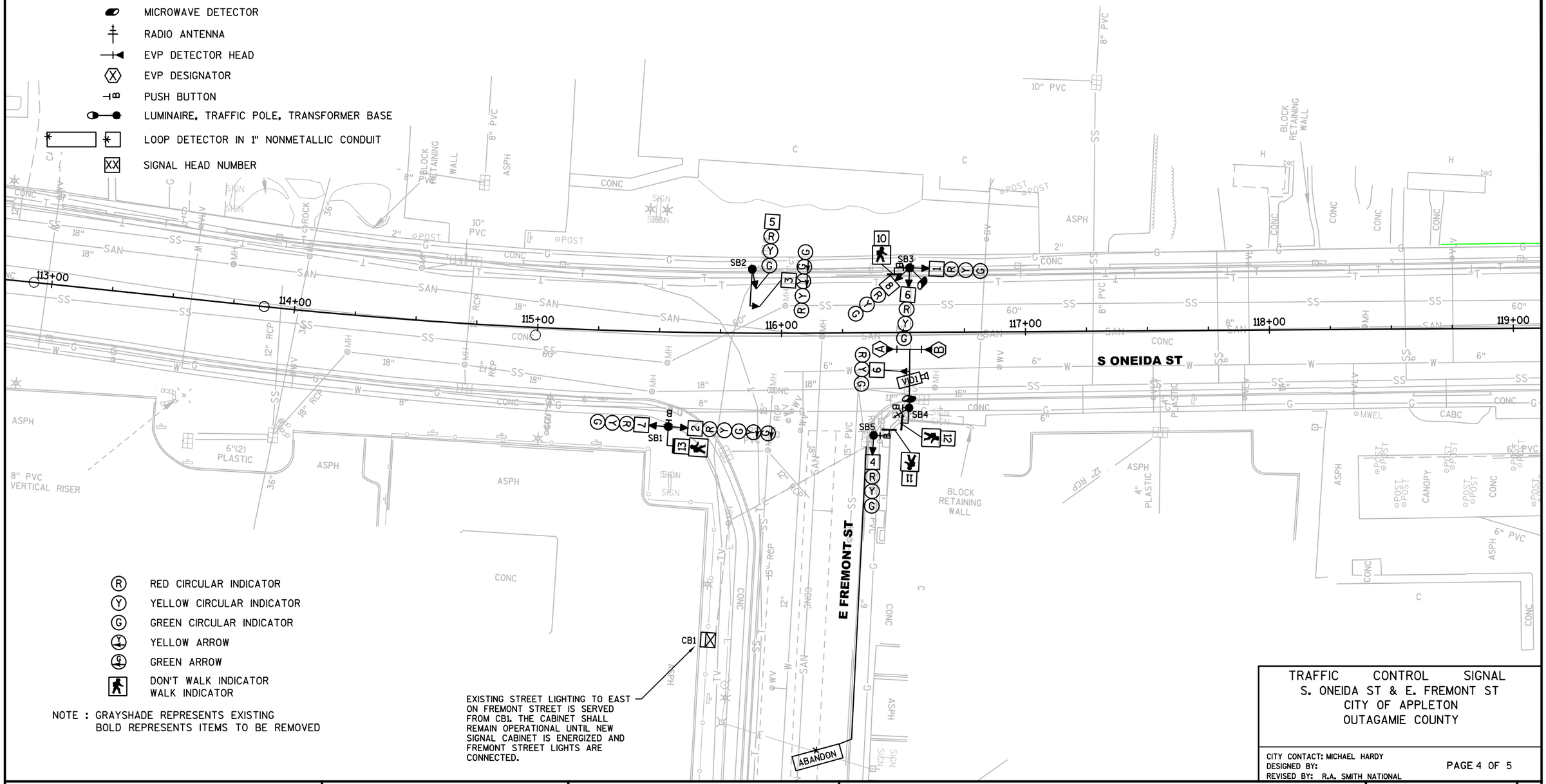
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- XX VIDEO DETECTION CAMERA
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- MICROWAVE DETECTOR
- RADIO ANTENNA
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- XX SIGNAL HEAD NUMBER

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
3. CABINET AND CONTROLLER TO BE REMOVED BY CITY ELECTRICAL PERSONNEL.

N



- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- Y YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR
  WALK INDICATOR

NOTE : GRAYSHADE REPRESENTS EXISTING
BOLD REPRESENTS ITEMS TO BE REMOVED

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & E. FREMONT ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 4 OF 5

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 144	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024004-SR.DWG
LAYOUT NAME - 024004-SR - 01

PLOT DATE : 6/29/2017 11:24 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

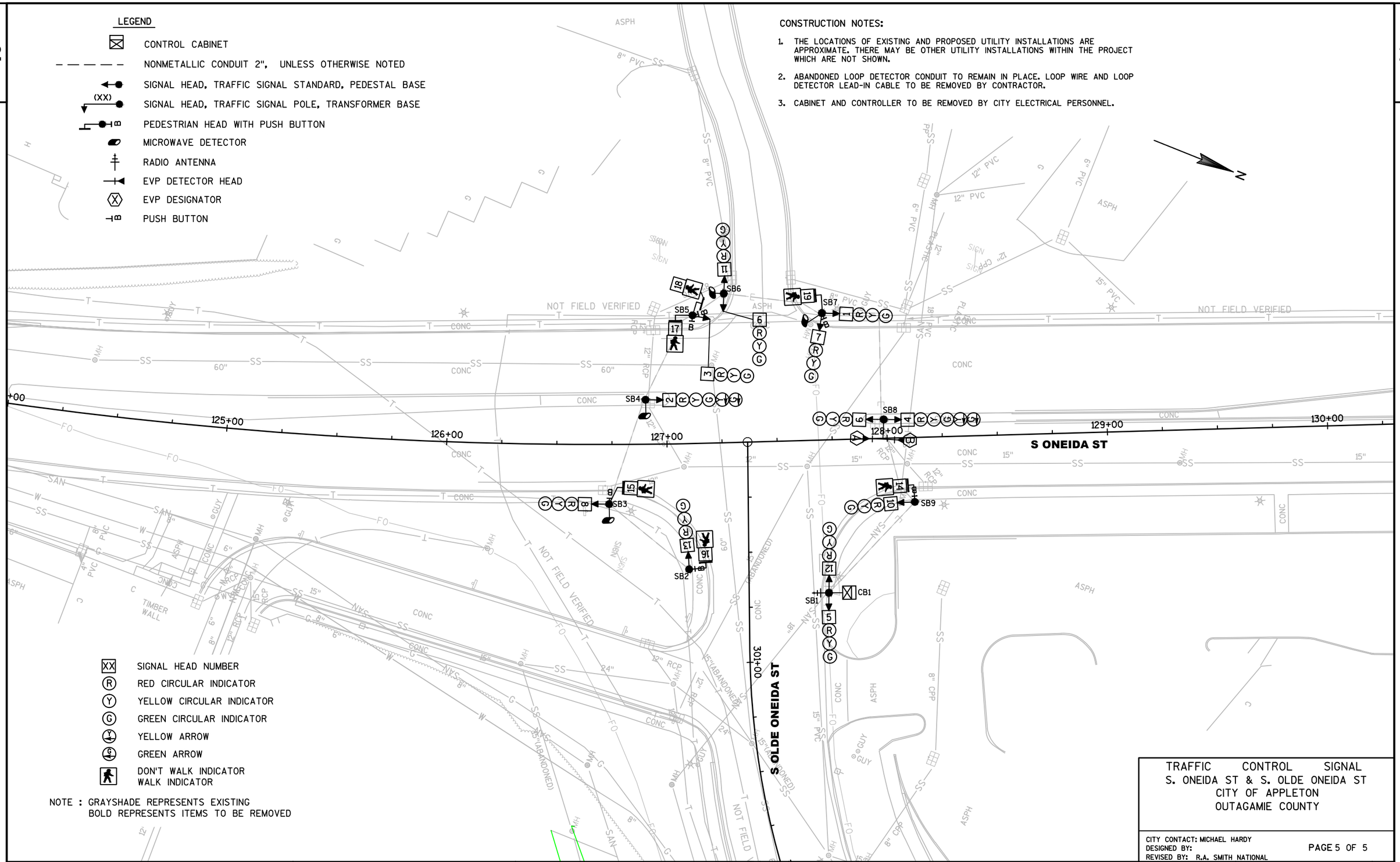
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- MICROWAVE DETECTOR
- RADIO ANTENNA
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PUSH BUTTON

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
3. CABINET AND CONTROLLER TO BE REMOVED BY CITY ELECTRICAL PERSONNEL.



- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- Y YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR
  WALK INDICATOR

NOTE : GRAYSHADE REPRESENTS EXISTING
BOLD REPRESENTS ITEMS TO BE REMOVED

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & S. OLDE ONEIDA ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 5 OF 5

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 145	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024005-SR.DWG
LAYOUT NAME - 024005-SR - 01

PLOT DATE : 6/29/2017 11:24 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

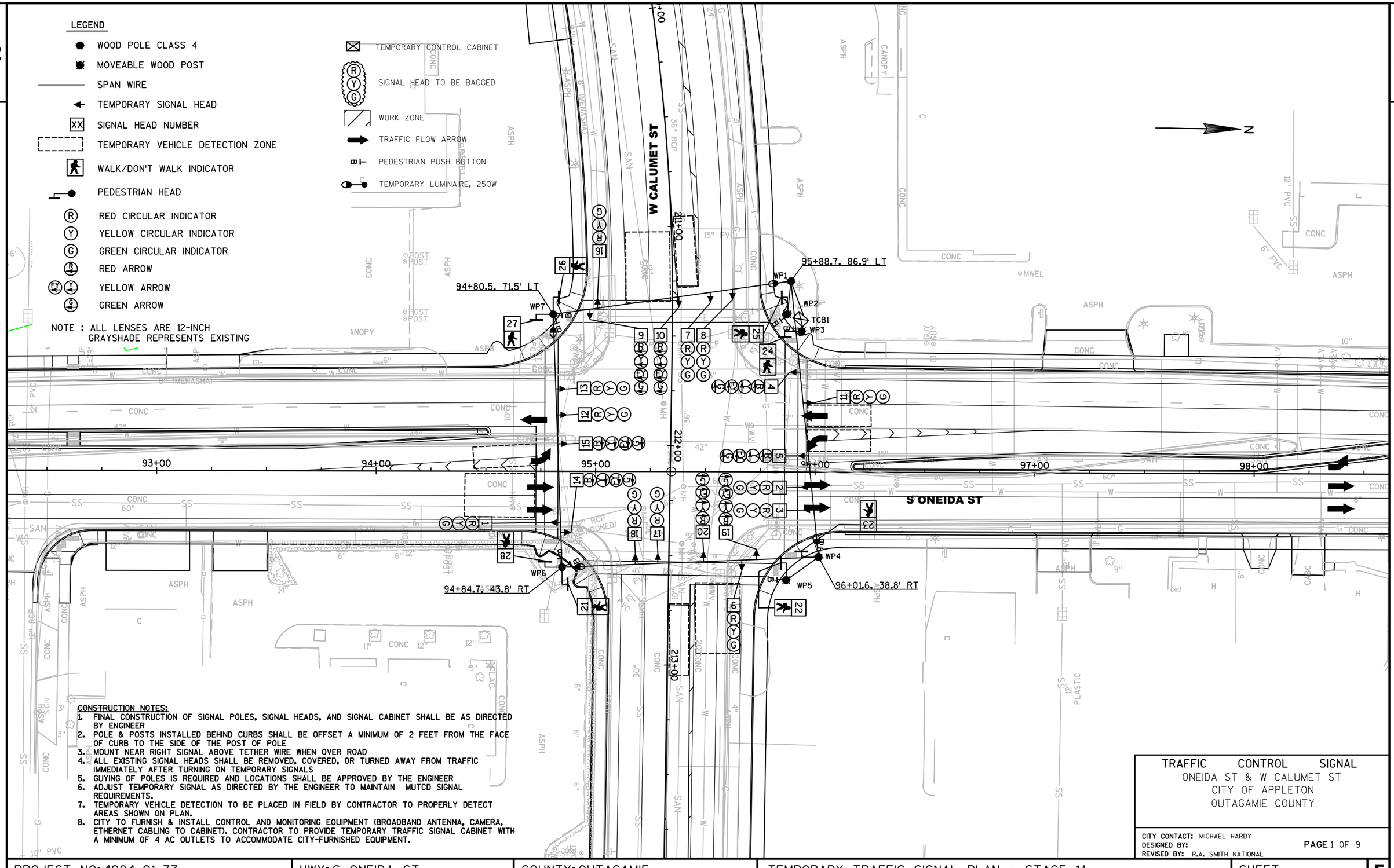
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- R Y G SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



CONSTRUCTION NOTES:

1. FINAL CONSTRUCTION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER
2. POLE & POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POST OF POLE
3. MOUNT NEAR RIGHT SIGNAL ABOVE TETHER WIRE WHEN OVER ROAD
4. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS
5. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER
6. ADJUST TEMPORARY SIGNAL AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
7. TEMPORARY VEHICLE DETECTION TO BE PLACED IN FIELD BY CONTRACTOR TO PROPERLY DETECT AREAS SHOWN ON PLAN.
8. CITY TO FURNISH & INSTALL CONTROL AND MONITORING EQUIPMENT (BROADBAND ANTENNA, CAMERA, ETHERNET CABLING TO CABINET). CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC SIGNAL CABINET WITH A MINIMUM OF 4 AC OUTLETS TO ACCOMMODATE CITY-FURNISHED EQUIPMENT.

TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1A	SHEET 146	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-1A.DWG
LAYOUT NAME - 024102-ST-1A - 01
PLOT DATE : 6/30/2017 10:00 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

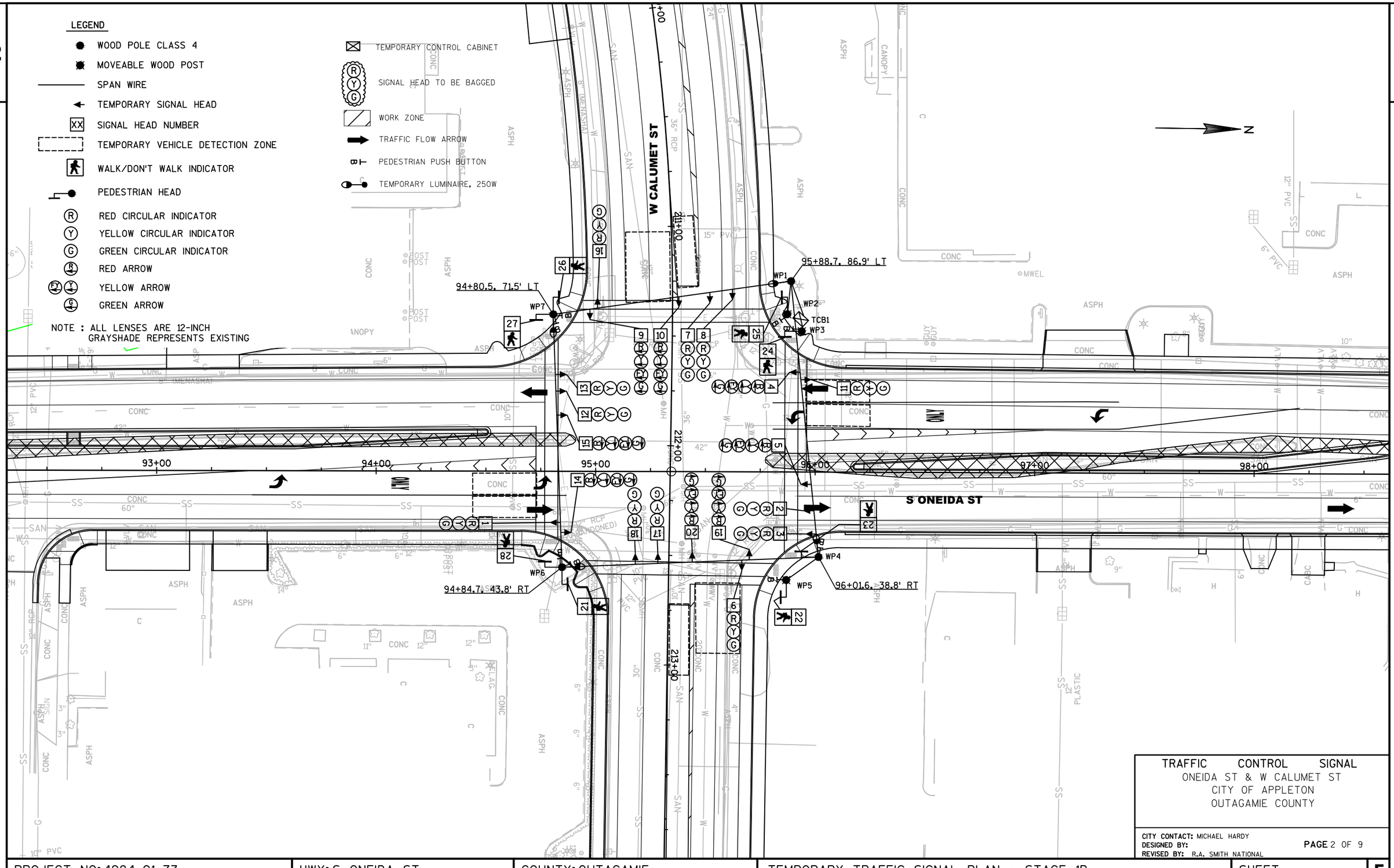
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- R Y G SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1B	SHEET 147	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-1B.DWG
LAYOUT NAME - 024102-ST-1B - 01
PLOT DATE : 6/29/2017 11:29 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

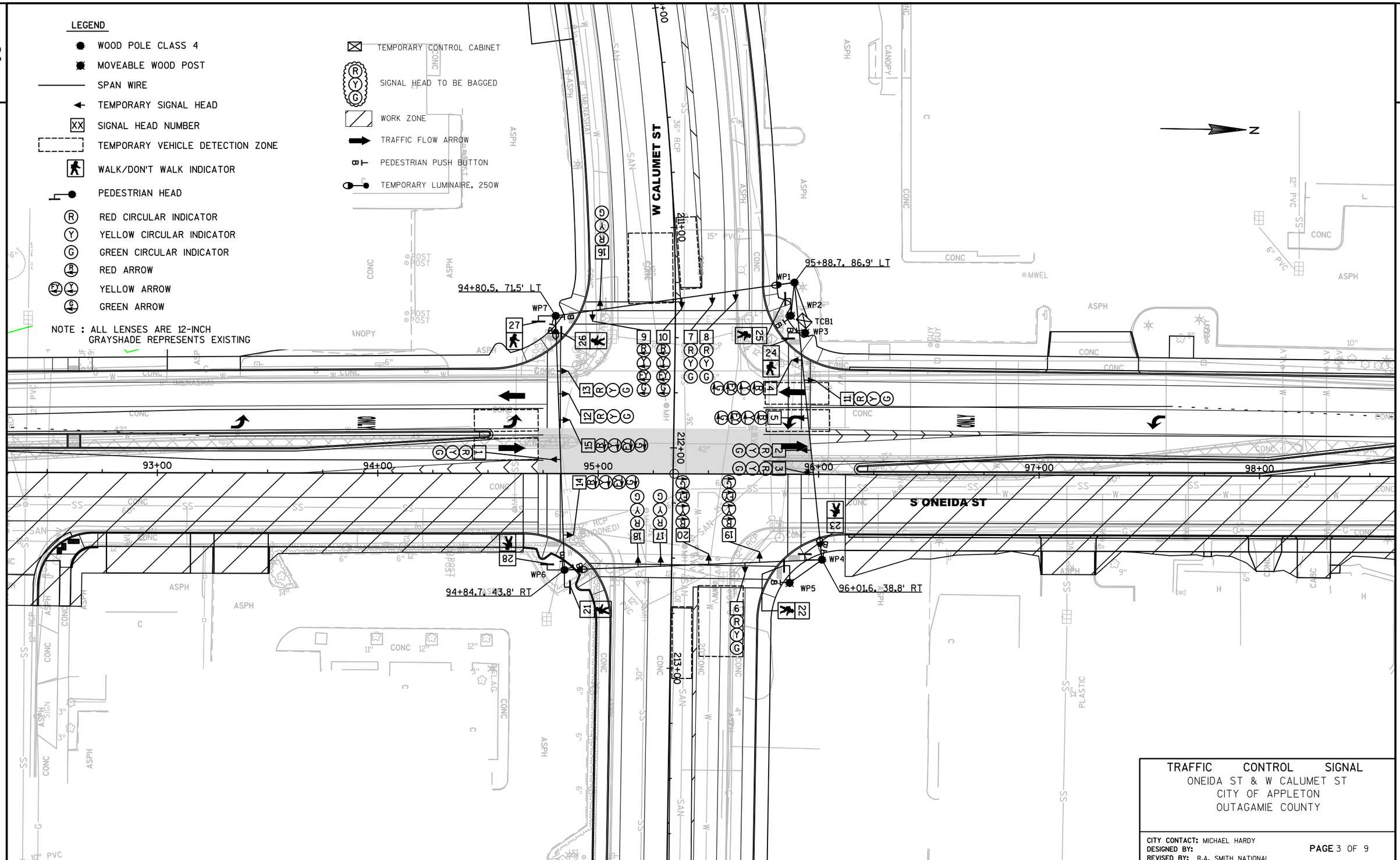
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 3 OF 9

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 2A-2D	SHEET 148	E

2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- R Y G SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W

N

W CALUMET ST

S ONEIDA ST

94+80.5, 71.5' LT

95+88.7, 86.9' LT

94+84.7, 43.8' RT

96+01.6, 38.8' RT

WP1 WP2 WP3 WP4 WP5 WP6 WP7

TCB1

93+00 94+00 95+00 96+00 97+00 98+00

211+00 212+00 213+00

TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2E	SHEET 149	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-2E.DWG
LAYOUT NAME - 024102-ST-2E - 01
PLOT DATE : 6/29/2017 11:31 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

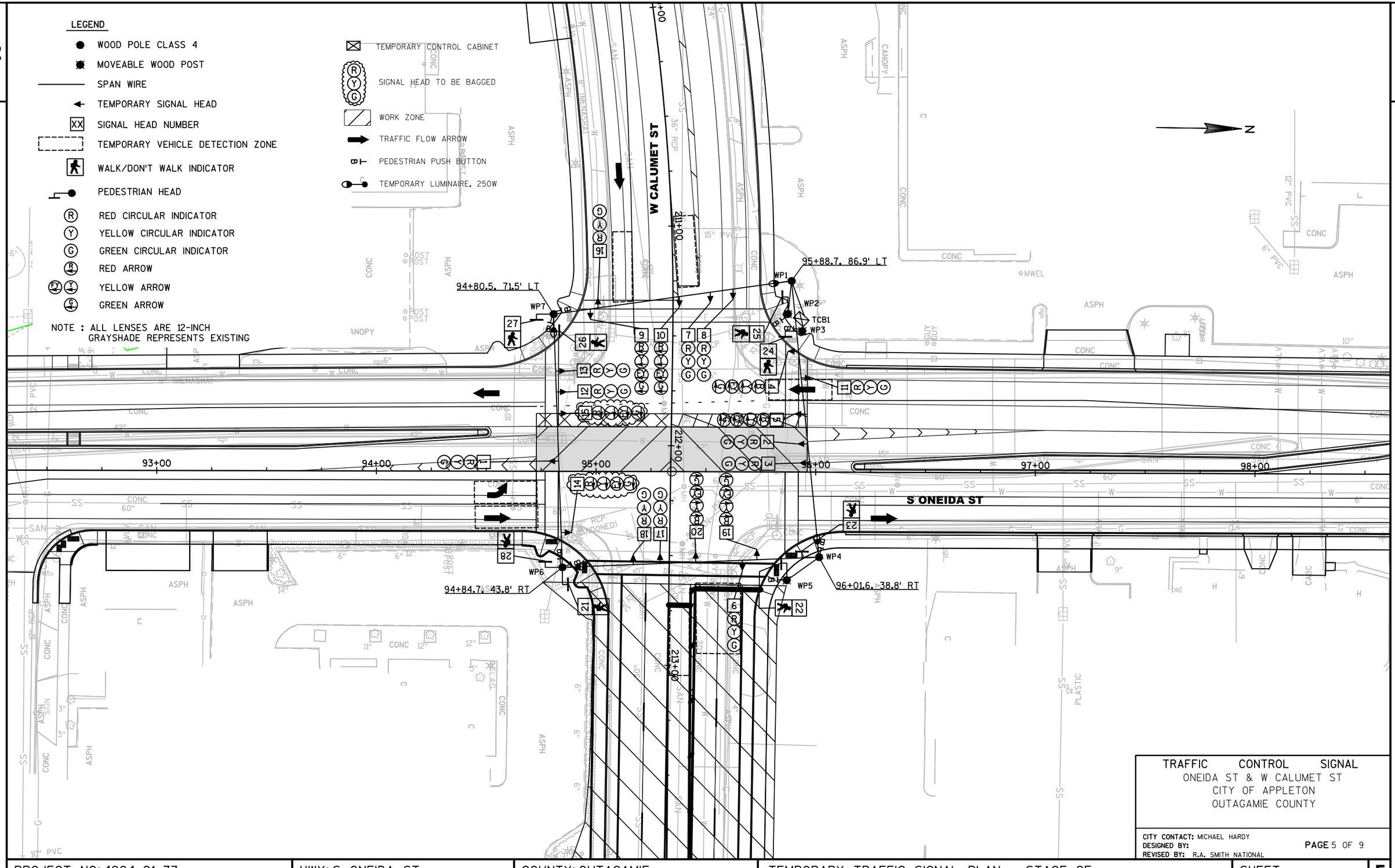
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- R Y G SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 5 OF 9

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2F	SHEET 150	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-2F.DWG
LAYOUT NAME - 024102-ST-2F - 01

PLOT DATE : 6/29/2017 11:32 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W

W CALUMET ST

S ONEIDA ST

94+80.5, 71.5' LT

95+88.7, 86.9' LT

94+84.7, 43.8' RT

96+01.6, 38.8' RT

WP1 WP2 WP3 WP4 WP5 WP6 WP7 TCB1

93+00 94+00 95+00 96+00 97+00 98+00

210+00 211+00 212+00 213+00

TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 6 OF 9

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2G	SHEET 151	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-2G.DWG
LAYOUT NAME - 024102-ST-2G - 01

PLOT DATE : 6/29/2017 11:33 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

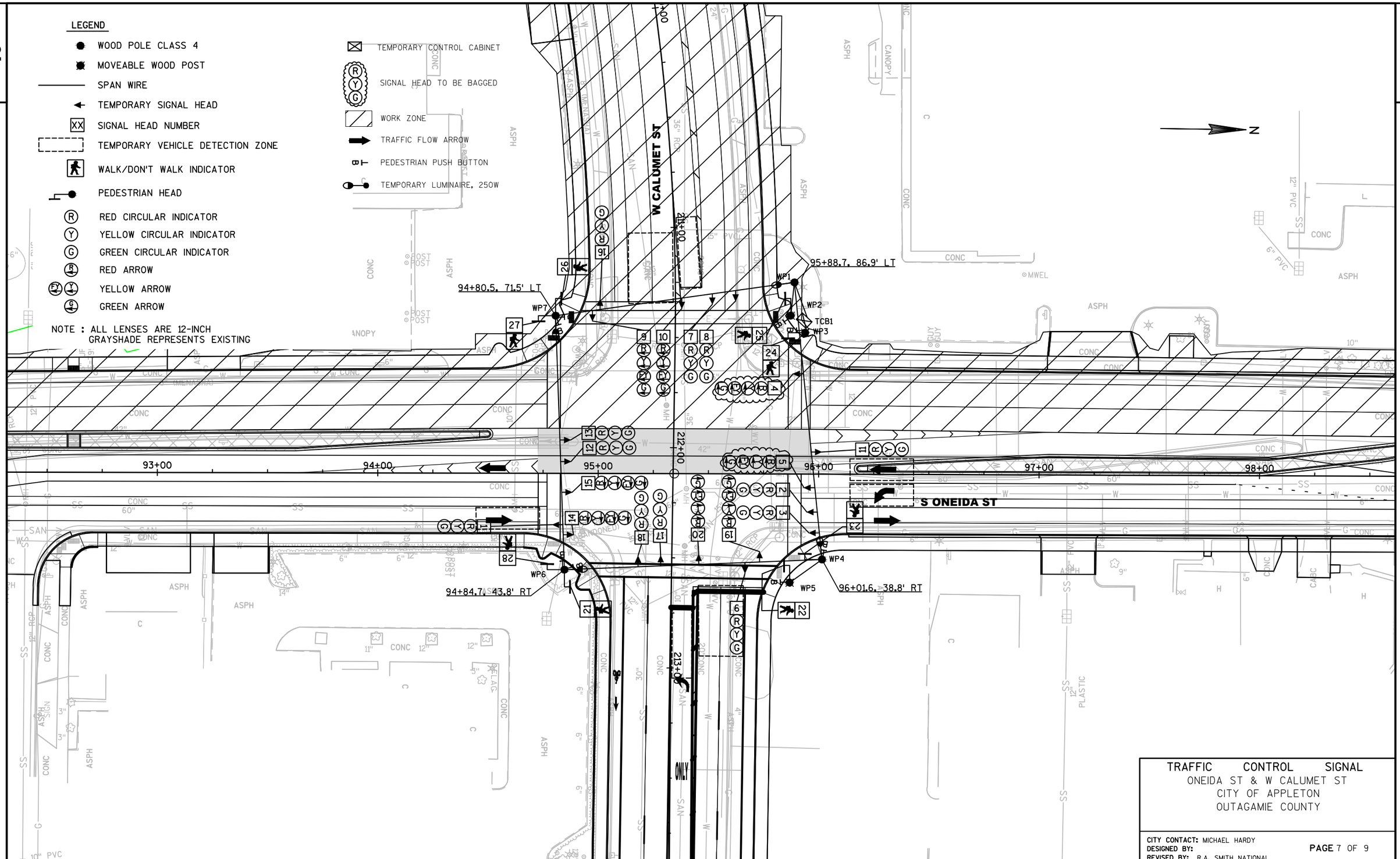
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- R Y G SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A	SHEET 152	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-3A.DWG
LAYOUT NAME - 024102-ST-3A - 01
PLOT DATE : 6/29/2017 11:34 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W

W CALUMET ST

S ONEIDA ST

94+80.5, 71.5' LT

95+88.7, 86.9' LT

94+84.7, 43.8' RT

96+01.6, 38.8' RT

WP1 WP2 WP3 WP4 WP5 WP6 WP7 TCB1

93+00 94+00 95+00 96+00 97+00 98+00 212+00 213+00

TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PAGE 8 OF 9

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3B/3C	SHEET 153 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-3B3C.DWG
LAYOUT NAME - 024102-ST-3B3C - 01

PLOT DATE : 6/29/2017 11:36 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

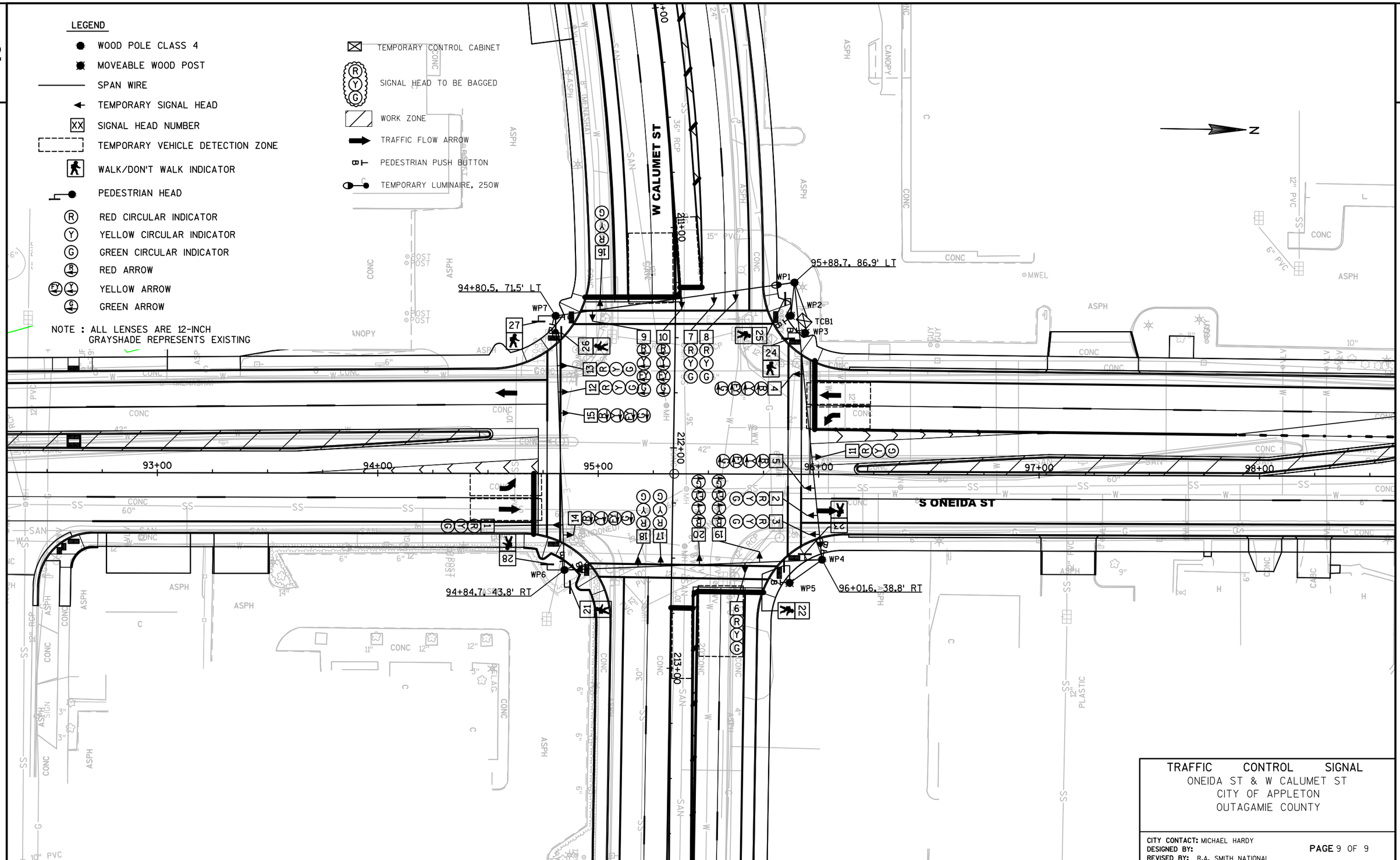
2

LEGEND

- WOOD POLE CLASS 4
- MOVEABLE WOOD POST
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- TEMPORARY VEHICLE DETECTION ZONE
- WALK/DON'T WALK INDICATOR
- PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW

NOTE : ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- TEMPORARY CONTROL CABINET
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, 250W



TRAFFIC CONTROL SIGNAL
ONEIDA ST & W CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY:
REVISED BY: R.A. SMITH NATIONAL

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3D	SHEET 154	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024102-ST-3D.DWG
LAYOUT NAME - 024102-ST-3D - 01

PLOT DATE : 6/29/2017 11:37 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

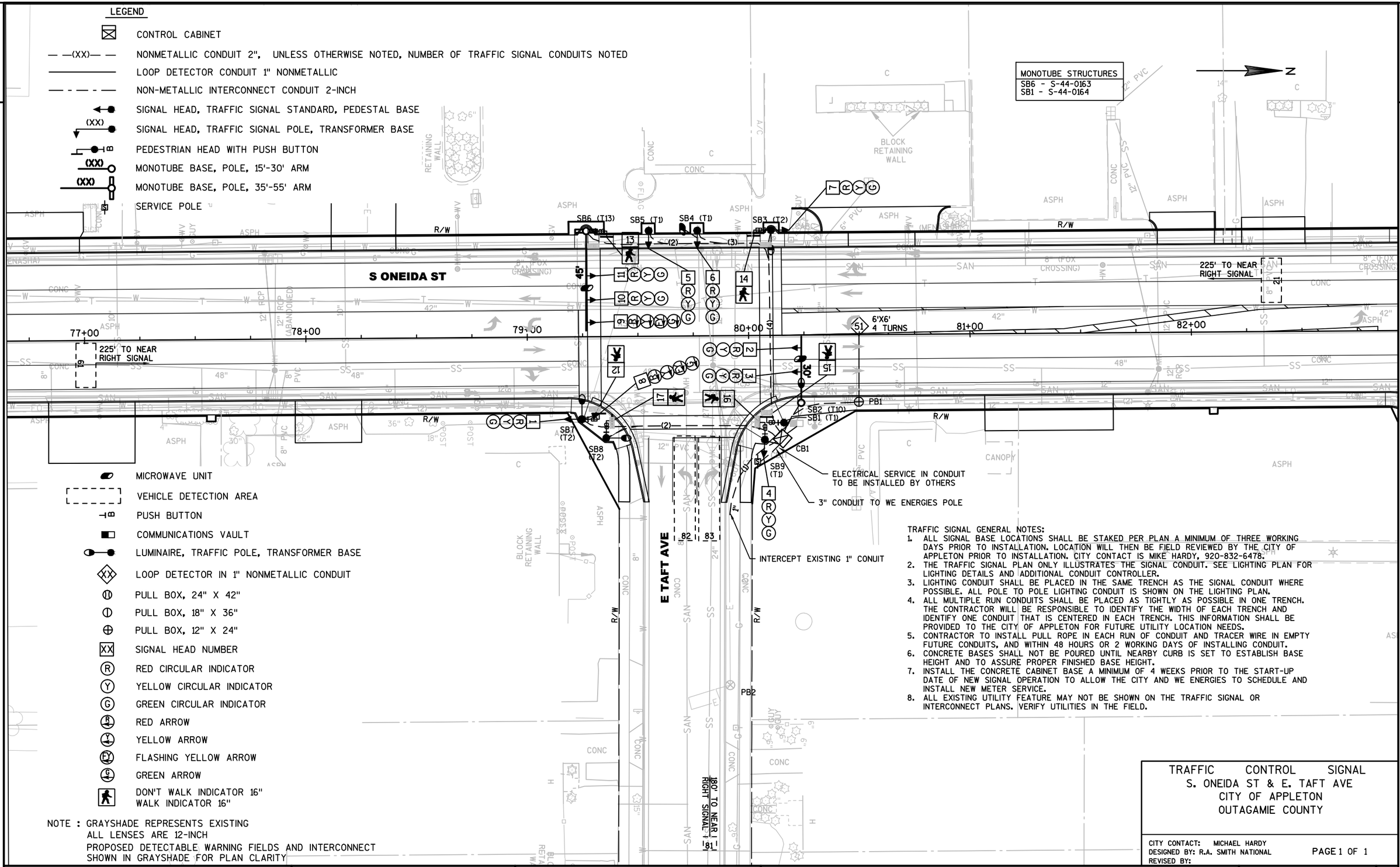
2

2

LEGEND

- CONTROL CABINET
- —(XX)— NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED, NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- NON-METALLIC INTERCONNECT CONDUIT 2-INCH
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- SERVICE POLE
- MICROWAVE UNIT
- VEHICLE DETECTION AREA
- PUSH BUTTON
- COMMUNICATIONS VAULT
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 42"
- PULL BOX, 18" X 36"
- PULL BOX, 12" X 24"
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- FLASHING YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"

NOTE : GRAYSHADE REPRESENTS EXISTING
ALL LENSES ARE 12-INCH
PROPOSED DETECTABLE WARNING FIELDS AND INTERCONNECT SHOWN IN GRAYSHADE FOR PLAN CLARITY



TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION. LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION. CITY CONTACT IS MIKE HARDY, 920-832-6478.
2. THE TRAFFIC SIGNAL PLAN ONLY ILLUSTRATES THE SIGNAL CONDUIT. SEE LIGHTING PLAN FOR LIGHTING DETAILS AND ADDITIONAL CONDUIT CONTROLLER.
3. LIGHTING CONDUIT SHALL BE PLACED IN THE SAME TRENCH AS THE SIGNAL CONDUIT WHERE POSSIBLE. ALL POLE TO POLE LIGHTING CONDUIT IS SHOWN ON THE LIGHTING PLAN.
4. ALL MULTIPLE RUN CONDUITS SHALL BE PLACED AS TIGHTLY AS POSSIBLE IN ONE TRENCH. THE CONTRACTOR WILL BE RESPONSIBLE TO IDENTIFY THE WIDTH OF EACH TRENCH AND IDENTIFY ONE CONDUIT THAT IS CENTERED IN EACH TRENCH. THIS INFORMATION SHALL BE PROVIDED TO THE CITY OF APPLETON FOR FUTURE UTILITY LOCATION NEEDS.
5. CONTRACTOR TO INSTALL PULL ROPE IN EACH RUN OF CONDUIT AND TRACER WIRE IN EMPTY FUTURE CONDUITS, AND WITHIN 48 HOURS OR 2 WORKING DAYS OF INSTALLING CONDUIT.
6. CONCRETE BASES SHALL NOT BE POURED UNTIL NEARBY CURB IS SET TO ESTABLISH BASE HEIGHT AND TO ASSURE PROPER FINISHED BASE HEIGHT.
7. INSTALL THE CONCRETE CABINET BASE A MINIMUM OF 4 WEEKS PRIOR TO THE START-UP DATE OF NEW SIGNAL OPERATION TO ALLOW THE CITY AND WE ENERGIES TO SCHEDULE AND INSTALL NEW METER SERVICE.
8. ALL EXISTING UTILITY FEATURE MAY NOT BE SHOWN ON THE TRAFFIC SIGNAL OR INTERCONNECT PLANS. VERIFY UTILITIES IN THE FIELD.

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & E. TAFT AVE
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 155	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024201-SP.DWG
LAYOUT NAME - 024201-SP - 01

PLOT DATE : 6/30/2017 10:03 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- —(XX)— NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED, NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- NON-METALLIC INTERCONNECT CONDUIT 2-INCH
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- MICROWAVE UNIT
- VEHICLE DETECTION AREA
- PUSH BUTTON
- COMMUNICATIONS VAULT
- SERVICE POLE

MONOTUBE STRUCTURES
SB4 - S-44-0165
SB6 - S-44-0166
SB1 - S-44-0167
SB9 - S-44-0168

W CALUMET ST

S ONEIDA ST

SB1 (T13)
SB2 (T2)
SB3 (T1)
SB4 (T13)
SB5 (T2)
SB6 (T13)
SB7 (T2)
SB8 (T1)
SB9 (T13)
SB10 (T2)
CB1
PB1
PB2
PB3
PB4

6'X6' 4 TURNS

ELECTRICAL SERVICE IN CONDUIT TO BE INSTALLED BY OTHERS

3" CONDUIT TO WE ENERGIES POLE

225' TO NEAR RIGHT SIGNAL

93+00 94+00 95+00 96+00 97+00 98+00 212+00 213+00

- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 42"
- PULL BOX, 18" X 36"
- PULL BOX, 12" X 24"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- FY FLASHING YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"

NOTE : GRAYSHADE REPRESENTS EXISTING ALL LENSES ARE 12-INCH

PROPOSED DETECTABLE WARNING FIELDS AND INTERCONNECT SHOWN IN GRAYSHADE FOR PLAN CLARITY

TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION. LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION. CITY CONTACT IS MIKE HARDY, 920-832-6478.
2. THE TRAFFIC SIGNAL PLAN ONLY ILLUSTRATES THE SIGNAL CONDUIT. SEE LIGHTING PLAN FOR LIGHTING DETAILS AND ADDITIONAL CONDUIT CONTROLLER.
3. LIGHTING CONDUIT SHALL BE PLACED IN THE SAME TRENCH AS THE SIGNAL CONDUIT WHERE POSSIBLE. ALL POLE TO POLE LIGHTING CONDUIT IS SHOWN ON THE LIGHTING PLAN.
4. ALL MULTIPLE RUN CONDUITS SHALL BE PLACED AS TIGHTLY AS POSSIBLE IN ONE TRENCH. THE CONTRACTOR WILL BE RESPONSIBLE TO IDENTIFY THE WIDTH OF EACH TRENCH AND IDENTIFY ONE CONDUIT THAT IS CENTERED IN EACH TRENCH. THIS INFORMATION SHALL BE PROVIDED TO THE CITY OF APPLETON FOR FUTURE UTILITY LOCATION NEEDS.
5. CONTRACTOR TO INSTALL PULL ROPE IN EACH RUN OF CONDUIT AND TRACER WIRE IN EMPTY FUTURE CONDUITS, AND WITHIN 48 HOURS OR 2 WORKING DAYS OF INSTALLING CONDUIT.
6. CONCRETE BASES SHALL NOT BE POURED UNTIL NEARBY CURB IS SET TO ESTABLISH BASE HEIGHT AND TO ASSURE PROPER FINISHED BASE HEIGHT.
7. INSTALL THE CONCRETE CABINET BASE A MINIMUM OF 4 WEEKS PRIOR TO THE START-UP DATE OF NEW SIGNAL OPERATION TO ALLOW THE CITY AND WE ENERGIES TO SCHEDULE AND INSTALL NEW METER SERVICE.
8. ALL EXISTING UTILITY FEATURE MAY NOT BE SHOWN ON THE TRAFFIC SIGNAL OR INTERCONNECT PLANS. VERIFY UTILITIES IN THE FIELD.

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & W. CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PAGE 1 OF 2

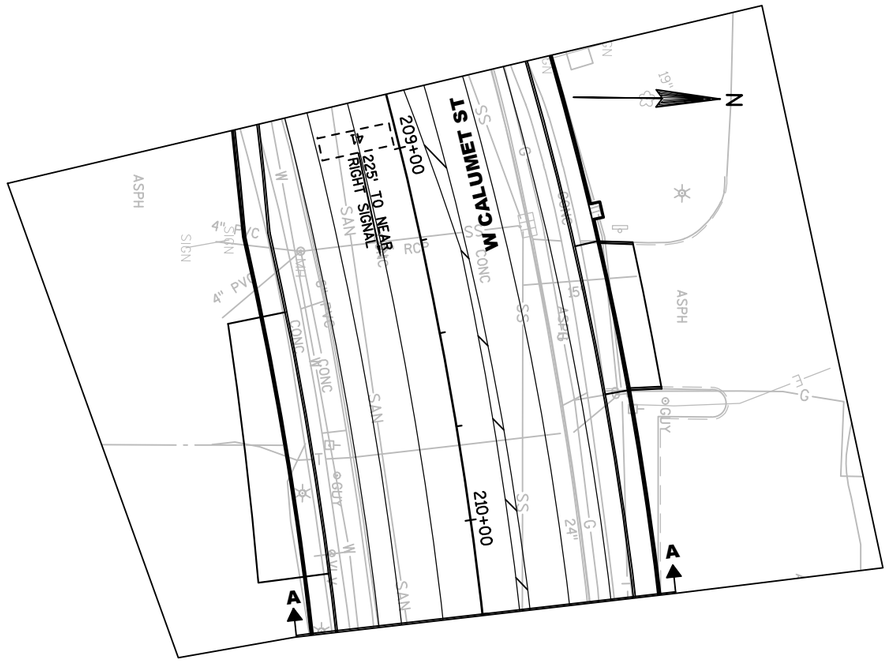
PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 156	E

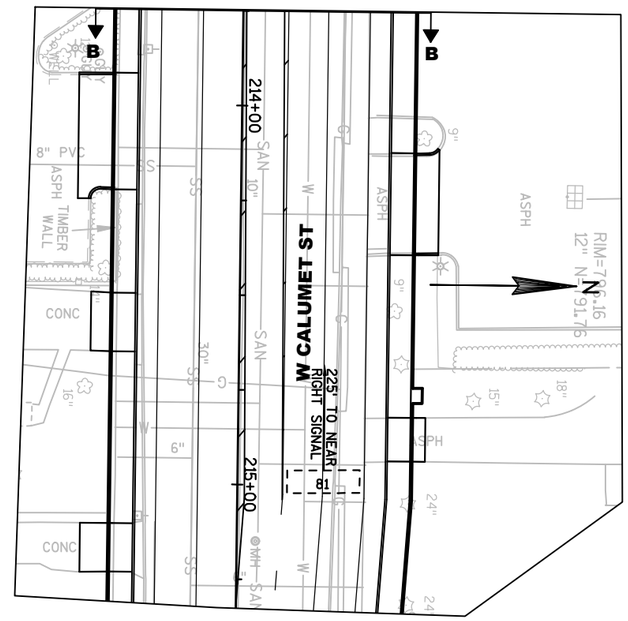
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024202-SP.DWG
LAYOUT NAME - 024202-SP - 01

PLOT DATE : 8/9/2017 11:53 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & W. CALUMET ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PAGE 2 OF 2

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 157	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024202-SP.DWG
LAYOUT NAME - 024202-SP - 02

PLOT DATE : 6/29/2017 11:25 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : **********

2

LEGEND

- CONTROL CABINET
- —(XX)— NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED, NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- NON-METALLIC INTERCONNECT CONDUIT 2-INCH
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- MICROWAVE UNIT
- VEHICLE DETECTION AREA
- PUSH BUTTON
- COMMUNICATIONS VAULT
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 42"
- PULL BOX, 18" X 36"
- PULL BOX, 12" X 24"
- SERVICE POLE

MONOTUBE STRUCTURES
SB9 - S-44-0169
SB2 - S-44-0170
SB7 - S-44-0171
SB4 - S-44-0172

N

TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION. LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION. CITY CONTACT IS MIKE HARDY, 920-832-6478.
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4. ALL MULTIPLE RUN CONDUITS SHALL BE PLACED AS TIGHTLY AS POSSIBLE IN ONE TRENCH. THE CONTRACTOR WILL BE RESPONSIBLE TO IDENTIFY THE WIDTH OF EACH TRENCH AND IDENTIFY ONE CONDUIT THAT IS CENTERED IN EACH TRENCH. THIS INFORMATION SHALL BE PROVIDED TO THE CITY OF APPLETON FOR FUTURE UTILITY LOCATION NEEDS.
5. CONTRACTOR TO INSTALL PULL ROPE IN EACH RUN OF CONDUIT AND TRACER WIRE IN EMPTY FUTURE CONDUITS, AND WITHIN 48 HOURS OR 2 WORKING DAYS OF INSTALLING CONDUIT.
6. CONCRETE BASES SHALL NOT BE POURED UNTIL NEARBY CURB IS SET TO ESTABLISH BASE HEIGHT AND TO ASSURE PROPER FINISHED BASE HEIGHT.
7. INSTALL THE CONCRETE CABINET BASE A MINIMUM OF 4 WEEKS PRIOR TO THE START-UP DATE OF NEW SIGNAL OPERATION TO ALLOW THE CITY AND WE ENERGIES TO SCHEDULE AND INSTALL NEW METER SERVICE.
8. ALL EXISTING UTILITY FEATURE MAY NOT BE SHOWN ON THE TRAFFIC SIGNAL OR INTERCONNECT PLANS. VERIFY UTILITIES IN THE FIELD.

W SEYMOUR ST

S ONEIDA ST

HOSPITAL DRIVEWAY

ELECTRICAL SERVICE IN CONDUIT TO BE INSTALLED BY OTHERS

3" CONDUIT TO WE ENERGIES POLE

180' TO NEAR RIGHT SIGNAL

225' TO NEAR RIGHT SIGNAL

225' TO NEAR RIGHT SIGNAL

6'X6' 4 TURNS

6'X6' 4 TURNS

SB1 (T2)
SB2 (T10)
SB3 (T1)
SB4 (T13)
SB5 (T1)
SB6 (T1)
SB7 (T10)
SB8 (T1)
SB9 (T13)
CB1
PB1
PB2

106+00 107+00 108+00 109+00 110+00 111+00

- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- FY FLASHING YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- LANE DESIGNATION (FOR INFO ONLY)

NOTE : GRAYSHADE REPRESENTS EXISTING
ALL LENSES ARE 12-INCH
PROPOSED DETECTABLE WARNING FIELDS AND INTERCONNECT SHOWN IN GRAYSHADE FOR PLAN CLARITY

TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & W. SEYMOUR ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 158	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024203-SP.DWG
LAYOUT NAME - 024203-SP - 01

PLOT DATE : 6/30/2017 10:14 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

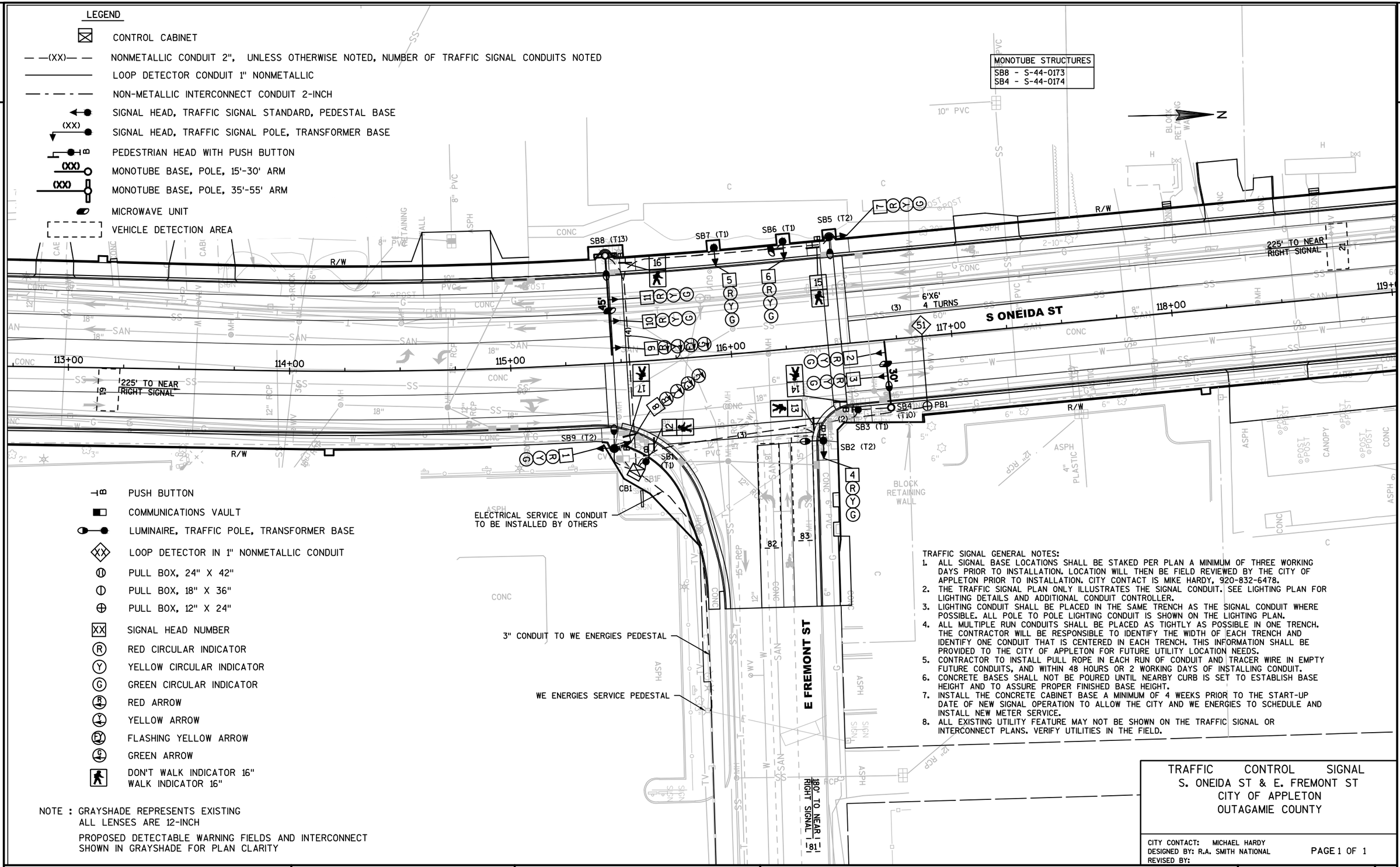
LEGEND

- CONTROL CABINET
- —(XX)— NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED, NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- NON-METALLIC INTERCONNECT CONDUIT 2-INCH
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- MICROWAVE UNIT
- VEHICLE DETECTION AREA
- PUSH BUTTON
- COMMUNICATIONS VAULT
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 42"
- PULL BOX, 18" X 36"
- PULL BOX, 12" X 24"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- FLASHING YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"

NOTE : GRAYSHADE REPRESENTS EXISTING
ALL LENSES ARE 12-INCH

PROPOSED DETECTABLE WARNING FIELDS AND INTERCONNECT SHOWN IN GRAYSHADE FOR PLAN CLARITY

MONOTUBE STRUCTURES
SB8 - S-44-0173
SB4 - S-44-0174



TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION. LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION. CITY CONTACT IS MIKE HARDY, 920-832-6478.
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TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & E. FREMONT ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 159	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024204-SP.DWG
LAYOUT NAME - 024204-SP - 01
PLOT DATE : 6/30/2017 10:16 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- —(XX)— NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED, NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- NON-METALLIC INTERCONNECT CONDUIT 2-INCH
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- MICROWAVE UNIT
- SERVICE POLE

- VEHICLE DETECTION AREA
- PUSH BUTTON
- COMMUNICATIONS VAULT
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 42"
- PULL BOX, 18" X 36"
- PULL BOX, 12" X 24"
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- FLASHING YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"

NOTE : GRAYSHADE REPRESENTS EXISTING ALL/LENSES ARE 12-INCH

PROPOSED DETECTABLE WARNING FIELDS AND INTERCONNECT SHOWN IN GRAYSHADE FOR PLAN CLARITY

MONOTUBE STRUCTURES
SB7 - S-44-0175
SB10 - S-44-0176
SB4 - S-44-0177
SB1 - S-44-0178

PRIVATE ROAD

S ONEIDA ST

S OLDE ONEIDA ST

SB7 (T13) SB6 (T1) SB5 (T1) SB4 (T10) SB3 (T3) SB2 (T13) SB1 (T1) SB11 (T1) SB8 (T2) SB9 (T1) SB10 (T10)

CB1

R/W

CONC

125+00 126+00 127+00 128+00 129+00 130+00 302+00

225' TO NEAR RIGHT SIGNAL

180' TO NEAR RIGHT SIGNAL

6'X6' 4 TURNS

PB1 PB2

ELECTRICAL SERVICE IN CONDUIT TO BE INSTALLED BY OTHERS

3" CONDUIT TO WE ENERGIES POLE

TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION. LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION. CITY CONTACT IS MIKE HARDY, 920-832-6478.
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6. CONCRETE BASES SHALL NOT BE POURED UNTIL NEARBY CURB IS SET TO ESTABLISH BASE HEIGHT AND TO ASSURE PROPER FINISHED BASE HEIGHT.
7. INSTALL THE CONCRETE CABINET BASE A MINIMUM OF 4 WEEKS PRIOR TO THE START-UP DATE OF NEW SIGNAL OPERATION TO ALLOW THE CITY AND WE ENERGIES TO SCHEDULE AND INSTALL NEW METER SERVICE.
8. ALL EXISTING UTILITY FEATURE MAY NOT BE SHOWN ON THE TRAFFIC SIGNAL OR INTERCONNECT PLANS. VERIFY UTILITIES IN THE FIELD.

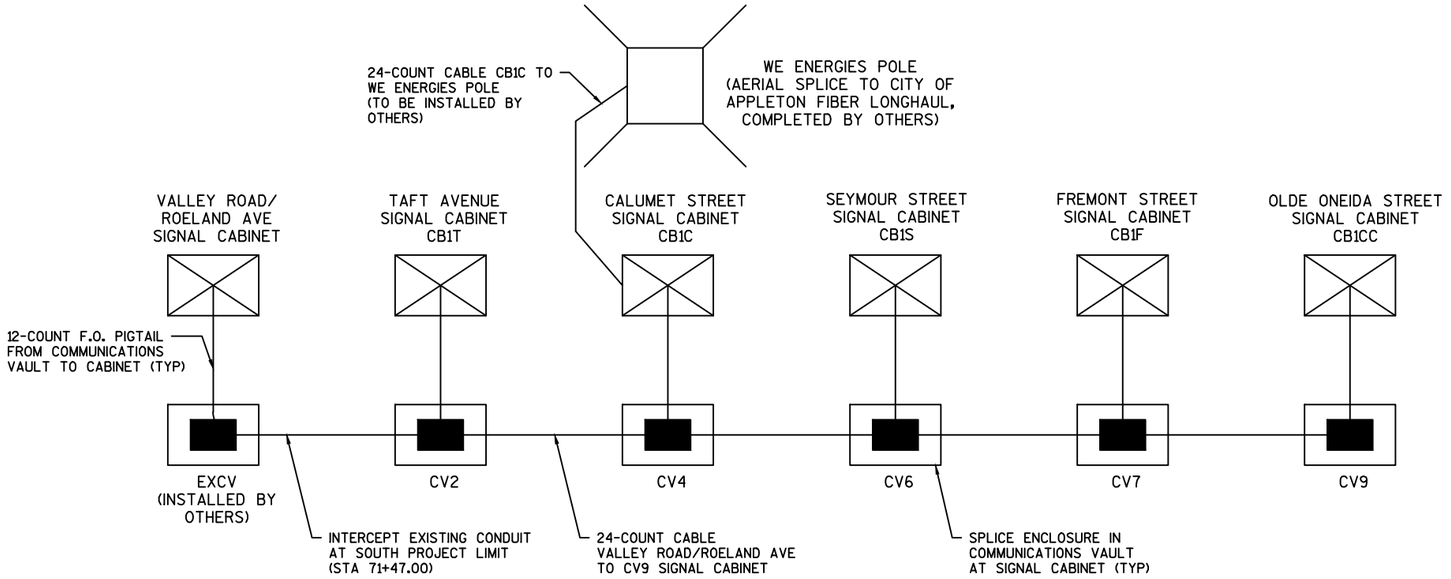
TRAFFIC CONTROL SIGNAL
S. ONEIDA ST & S. OLDE ONEIDA ST
CITY OF APPLETON
OUTAGAMIE COUNTY

CITY CONTACT: MICHAEL HARDY
DESIGNED BY: R.A. SMITH NATIONAL
REVISED BY:

PROJECT NO: 4984-01-73	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL PLAN	SHEET 160	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024205-SP.DWG
LAYOUT NAME - 024205-SP - 01
PLOT DATE : 6/30/2017 10:37 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



NOTES:
INSTALL CONTINUOUS FIBER OPTIC CABLE RUN WITHOUT SPLICES THROUGH ALL OTHER INTERMEDIATE COMMUNICATIONS VAULTS (NOT SHOWN).

PROVIDE 120-FT CABLE SLACK FOR EACH CABLE FOR SPLICING AT EACH COMMUNICATIONS VAULT AND 60-FT CABLE SLACK FOR TERMINATIONS AT EACH TRAFFIC SIGNAL CABINET

FIBER OPTIC INTERCONNECT SCHEMATIC OVERVIEW

2

S ONEIDA ST

HOOVER AVE

71+00 72+00 73+00 74+00 75+00 76+00 77+00

MATCHLINE STA 77+00

NON-METALLIC CONDUIT 2-INCH, 24-COUNT SM F.O. CABLE

INTERCEPT EXISTING CONDUITS

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

CV1

NOTE: STORE FIBER OPTIC CABLE CONNECTING TO RECONSTRUCTED W. VALLEY ROAD/E. ROELAND AVE (WISDOT PROJECT 1517-75-83) IN SECURE LOCATION UNTIL READY FOR INSTALLATION.

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 162	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024301-IC.DWG
LAYOUT NAME - 024301-IC - IC - (2)
PLOT DATE : 8/8/2017 9:25 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

N

MATCHLINE STA 77+00

MATCHLINE STA 83+00

S ONEIDA ST

E TAFT AVE

78+00 79+00 80+00 81+00 82+00

NON-METALLIC CONDUIT 2-INCH, 24-COUNT SM F.O. CABLE

CV2

CB1T

SPLICE ENCLOSURE, 12-COUNT SM F.O. SPLICE

12-COUNT F.O. PIGTAIL FROM CV2 TO CB1T

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

BLOCK RETAINING WALL

SIGN

FLAG

ASPH

CONC

SAN

SS

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 163 E

2

2

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

N

MATCHLINE STA 83+00

MATCHLINE STA 89+00

S ONEIDA ST

83+00 84+00 85+00 86+00 87+00 88+00 89+00

WILSON AVE

HARDING DR

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

NON-METALLIC CONDUIT 2-INCH, 24-COUNT SM F.O. CABLE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 164	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024301-IC.DWG
LAYOUT NAME - 024301-IC - IC - (4)

PLOT DATE : 8/8/2017 9:26 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

MATCHLINE STA 89+00

MATCHLINE STA 95+00

S ONEIDA ST

90+00 91+00 92+00 93+00 94+00 95+

50'

INSTALL CONDUIT TO RELOCATED WE ENERGIES POLE - FIBER OPTIC CABLE FROM CB1C TO BE INSTALLED BY OTHERS

CANOPY

NON-METALLIC CONDUIT 2-INCH, 24-COUNT SM F.O. CABLE

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

MURRAY AVE

COOLIDGE AVE

CV3

2

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 165 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024301-IC.DWG
LAYOUT NAME - 024301-IC - IC - (5)
PLOT DATE : 8/8/2017 9:26 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

W CALUMET ST

S ONEIDA ST

RAMLEN CT

MATCHLINE STA 95+00

MATCHLINE STA 101+00

95+00 96+00 97+00 98+00 99+00 100+00

(2) 12-COUNT F.O. PIGTAIL FROM CV4 TO CB1C

CB1C

CV4

CV5

SFB1

SPLICE ENCLOSURE 24-COUNT SM F.O. SPLICE

NON-METALLIC CONDUIT 2-INCH 24-COUNT SM F.O. CABLE

OVERHEAD SIGN SUPPORT (INSTALLED BY OTHERS)

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

50'

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 166	E

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE
- POLE-MOUNTED CONTROL CABINET
- OVERHEAD SIGN SUPPORT

N

MATCHLINE STA 101+00

MATCHLINE STA 107+00

FOSTER ST

S ONEIDA ST

OVERHEAD SIGN SUPPORT (INSTALLED BY OTHERS)

SFB3

SFB4

SFB2

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

NON-METALLIC CONDUIT 2-INCH 24-COUNT SM F.O. CABLE

TIMBER WALL

CANOPY

WOOD FENCE

101+00 102+00 103+00 104+00 105+00 106+00 107+00

2

W SEYMOUR ST

S ONEIDA ST

HOSPITAL DRIVEWAY

MATCHLINE STA 107+00

MATCHLINE STA 113+00

108+00 109+00 110+00 111+00 112+00

45'

45'

(3)

(1)

(2)

CV6

CB1S

SPLICE ENCLOSURE, 12-COUNT SM F.O. SPLICE

ELECTRICAL SERVICE TO FOSTER STREET CABINET (INSTALLED BY OTHERS)

12-COUNT F.O. PIGTAIL FROM CV6 TO CB1S

NON-METALLIC CONDUIT 2-INCH 24-COUNT SM F.O. CABLE

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

8" PVC

6" PVC

BLOCK RETAINING WALL

ASPH

CONC

CABC

SAN

SS

W

G

TV

F.O.

MWEL

FLAG

SIGN

N

LEGEND

- CONTROL CABINET
- (X) SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 168 E

2

N

MATCHLINE STA 113+00

MATCHLINE STA 119+00

S ONEIDA ST

E FREMONT ST

113+00 114+00 115+00 116+00 117+00 118+00

CV7

CB1F

SPLICE ENCLOSURE, 12-COUNT SM F.O. SPLICE

12-COUNT F.O. PIGTAIL FROM CV7 TO CB1F

NON-METALLIC CONDUIT 2-INCH 24-COUNT SM F.O. CABLE

INSTALL 10 AWG TRACER WIRE IN CONDUIT (SHARED TRENCH WITH LIGHTING)

BLOCK RETAINING WALL

CONC

ASPH

SAN

SS

W

T

G

LEGEND

- CONTROL CABINET
- —(X)— SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\SIGNALS\024301-IC.DWG
LAYOUT NAME - 024301-IC - IC - (9)

PLOT DATE : 8/8/2017 9:26 AM PLOT BY : GUILLAMA, TINA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- CONTROL CABINET
- SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED
  NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

N

MATCHLINE STA 119+00

MATCHLINE STA 125+00

S ONEIDA ST

120+00

121+00

122+00

123+00

124+00

NOT FIELD VERIFIED

225' TO NEAR RIGHT SIGNAL

HARRISON ST

MCKINLEY ST

NON-METALLIC CONDUIT 2-INCH
24-COUNT SM F.O. CABLE

INSTALL 10 AWG TRACER WIRE IN
CONDUIT (SHARED TRENCH WITH
LIGHTING)

CV8

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 170 E

2

PRIVATE ROAD

S ONEIDA ST

ORANGE ST

S OLDE ONEIDA ST

MATCHLINE STA 125+00

125+00

126+00

127+00

128+00

129+00

130+00

131+00

NOT FIELD VERIFIED

NON-METALLIC CONDUIT 2-INCH
24-COUNT SM F.O. CABLE

CB1CC

CV9

CV10

SPLICE ENCLOSURE, 6-COUNT
SM F.O. SPLICE

12-COUNT F.O. PIGTAIL FROM
CV9 TO CB1CC

INSTALL 10 AWG TRACER WIRE IN
CONDUIT (SHARED TRENCH WITH
LIGHTING)

STORE CABLE FOR FUTURE
CONNECTION. CAP CONDUIT AND
MARK FOR FUTURE PROJECT.

LEGEND

- CONTROL CABINET
- —(X)— — SIGNAL CONDUIT, NONMETALLIC 2-INCH, UNLESS OTHERWISE NOTED NUMBER OF TRAFFIC SIGNAL CONDUITS NOTED
- (XX) PROPOSED TRAFFIC SIGNALS WITH CONCRETE BASES
- PEDESTRIAN HEAD WITH PUSH BUTTON
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- COMMUNICATIONS VAULT
- PROPOSED LIGHT POLE WITH CONCRETE BASE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET 171	E

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

N

W VALLEY RD

ONLY

S ONEIDA ST

70+00 71+00 72+00 73+00 74+00 75+00 76+

+62.6 12.0' LT

+72.9 12.0' LT

+77.6

+43.7 22.0' RT

25'

12'

11'

6.5

5.5

12.5' LINE, 37.5' GAP

PAVEMENT MARKINGS INSTALLED BY OTHERS

ASPH

CONC

BLOCK RETAINING WALL

SIGN

E ROELAND AVE

E HOOVER AVE

MATCHLINE STA 76+00

2

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 172	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 01

PLOT DATE : 7/11/2017 1:02 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

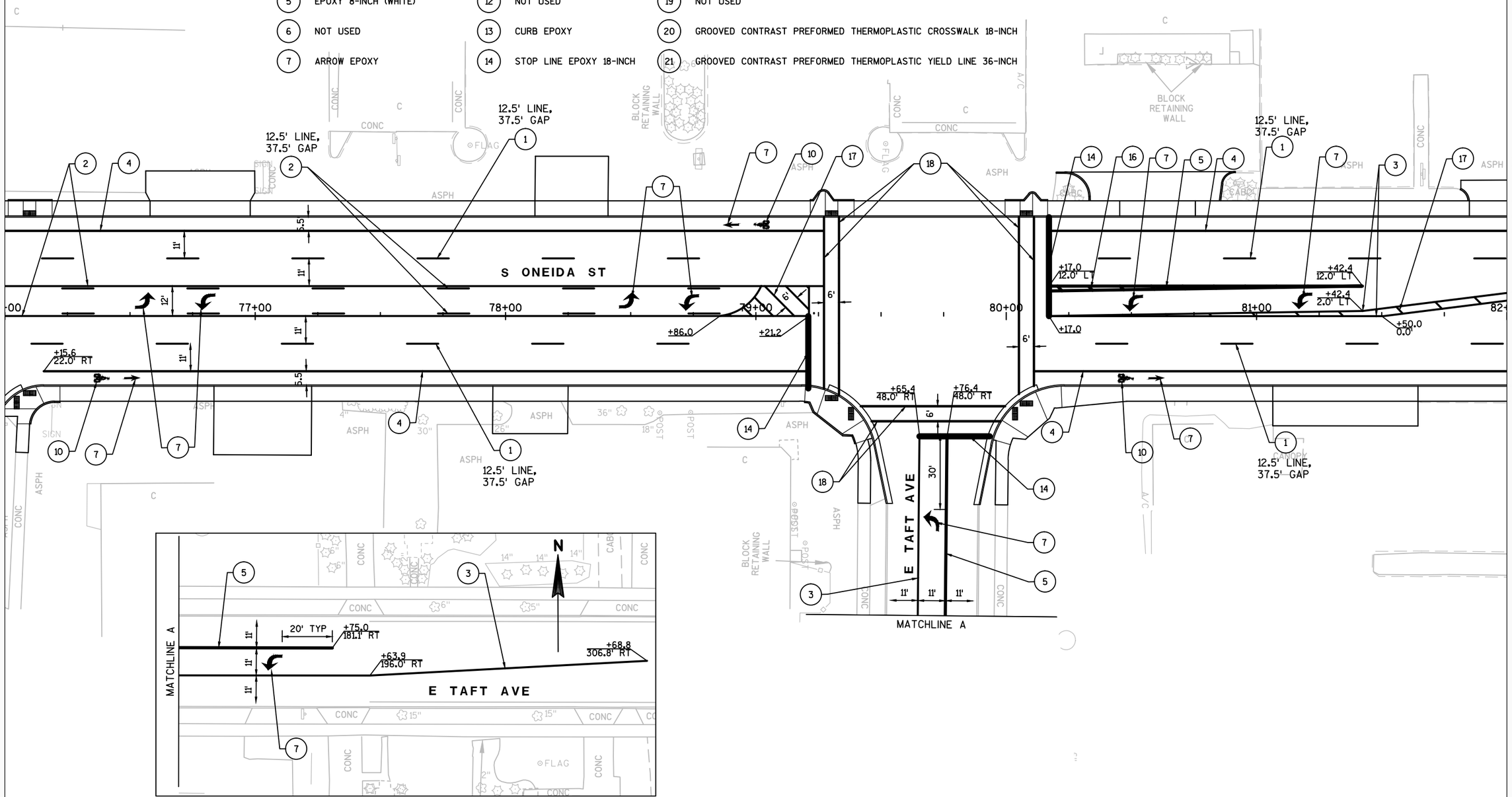
WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 173 E

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

N

W WILSON AVE

S ONEIDA ST

E WILSON AVE

E HARDING DR

MATCHLINE STA 82+00

MATCHLINE STA 88+00

12.5' LINE, 37.5' GAP

84+00 85+00 86+00 87+00

+00.0 34.0' LT
+22.4 12.0' LT
+00.0 12.0' LT
+30.6 10.0' LT
+00.0 2.6' LT
+30.9 0.0' LT
+00.0 0.0' RT
+00.0 22.0' RT
+70.1 34.0' LT
+70.1 12.0' LT
+70.1 22.0' RT
+89.8 22.0' RT
+75.0 34.0' LT
+75.3 12.0' LT
+71.7 22.0' RT

11' 11' 12' 11' 11' 10' 5.5

ASPH CONC CABC BLOCK RETAINING WALL CANOPY SIGN C H

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 174	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 03

PLOT DATE : 7/11/2017 1:03 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:40 FT

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

N

MATCHLINE STA 88+00

MATCHLINE STA 94+00

S ONEIDA ST

E MURRAY AVE

E COOLIDGE AVE

+99.6 15.2' LT

+51.1 43.3' LT

+76.1 43.1' LT

+78.4 16.1' LT

+63.8 17.0' LT

+61.7 40.0' LT

20' TYP

+90.0 22.0' RT

+71.8 22.0' RT

+77.4

+89.8 22.0' RT

+63.7

+70.8 22.0' RT

12.5' LINE, 37.5' GAP

12.5' LINE, 37.5' GAP

12.5' LINE, 37.5' GAP

88+00 89+00 90+00 91+00 92+00 93+00 94+00

CANOPY ASPH CONC SIGN POST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 175 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 04

PLOT DATE : 7/11/2017 1:03 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N

MATCHLINE STA 94+00

MATCHLINE STA 210+50

CALUMET ST

211+00

212+00

213+00

MATCHLINE STA 213+50

S ONEIDA ST

PT: 211+51.10

12.5' LINE, 37.5' GAP

3' LINE, 9' GAP

20' TYP

95+00

96+00

97+00

98+00

99+00

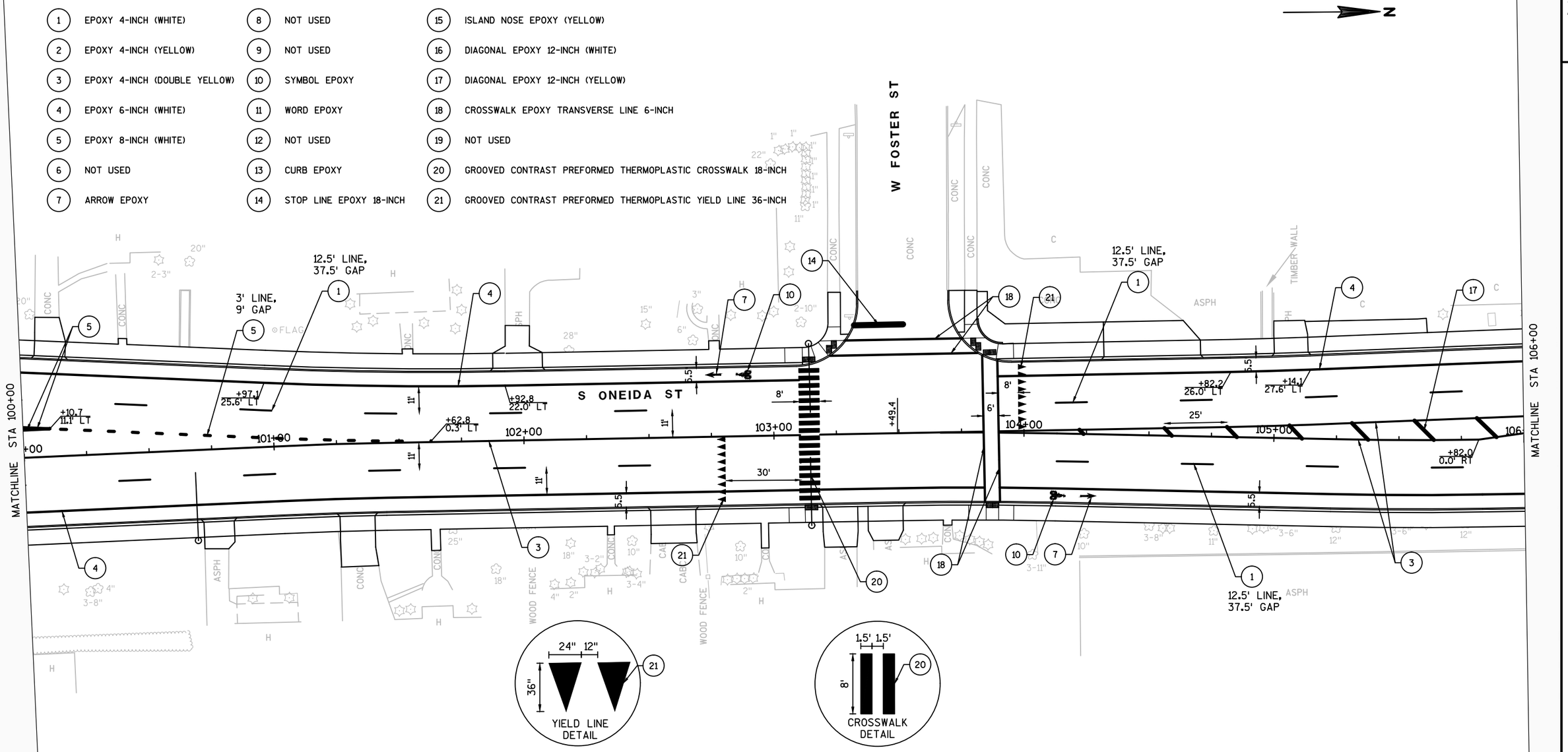
MATCHLINE STA 100+00

RAMLEN CT

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH



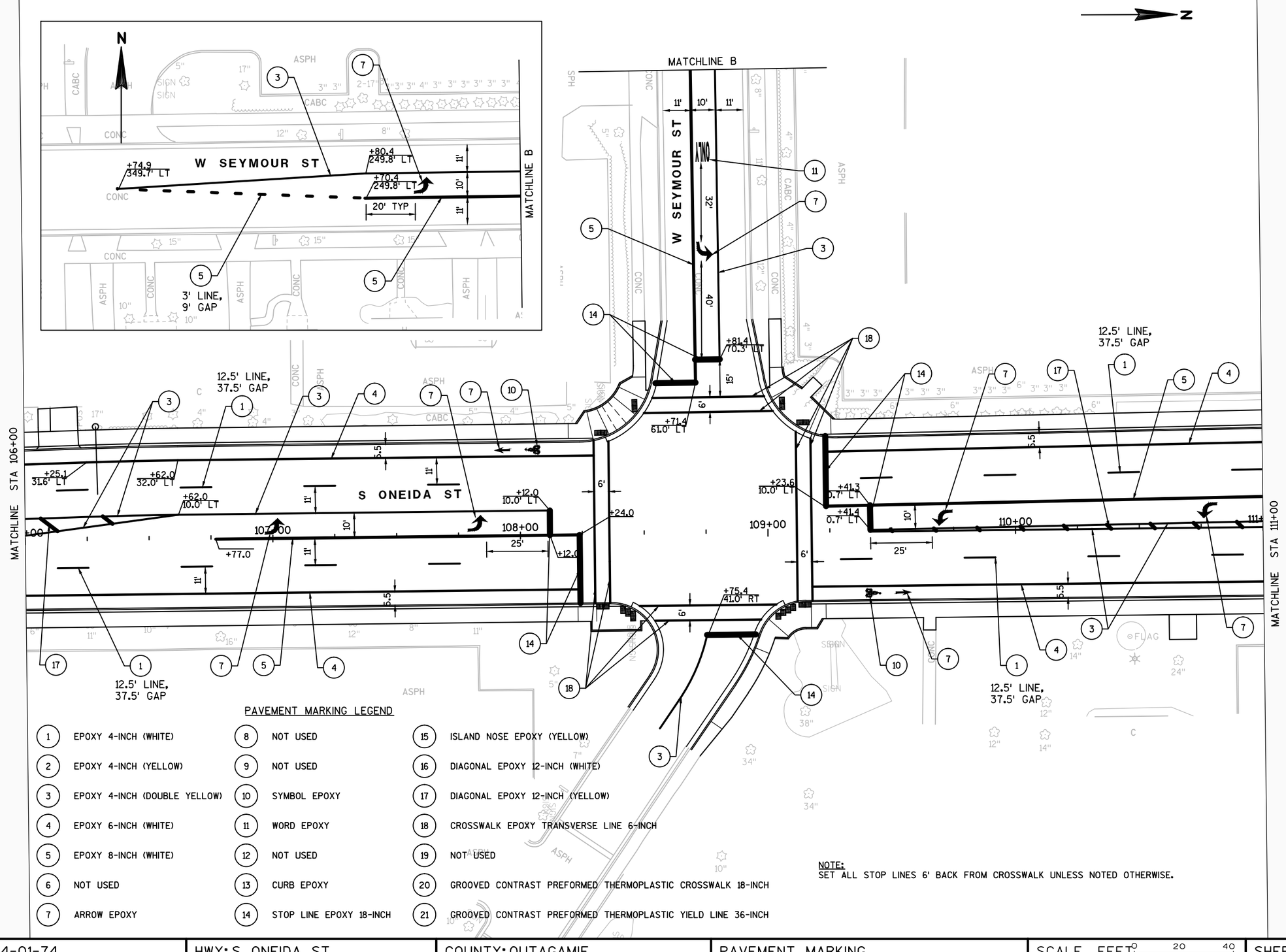
NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 177	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 06

PLOT DATE : 7/11/2017 1:03 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 178	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 07
PLOT DATE : 7/11/2017 1:04 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N

S ONEIDA ST

MATCHLINE STA 111+00

MATCHLINE STA 117+00

12.5' LINE, 37.5' GAP

20' TYP

25'

R60'

R30'

+01.3 12.3' LT

+15.5 2.5' LT

+89.4 12.7' LT

+89.4 0.0' RT

+18.6

+85.3 12.0' LT

+75.3 5.7' LT

+74.0 3.0' LT

+40.6

+55.8 12.0' LT

+55.8 10.0' LT

+55.8

+48.8 48.0' RT

112+00

113+00

114+00

115+00

116+00

117+

MATCHLINE C

REMOVE EXISTING PAVEMENT MARKING

REMOVE EXISTING PAVEMENT MARKING

EXISTING PAVEMENT MARKING TO REMAIN

REMOVE EXISTING PAVEMENT MARKING

REMOVE EXISTING PAVEMENT MARKING

+06.1 329.8' RT

+04.3 392.9' RT

+01.8 329.7' RT

+99.7 392.6' RT

E FREMONT ST

ONLY

ONLY

3' LINE, 6' GAP

MATCHLINE C

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 179	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 08

PLOT DATE : 7/11/2017 1:04 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N

MATCHLINE STA 117+00

MATCHLINE STA 122+50

S ONEIDA ST

E HARRISON ST

BLOCK RETAINING WALL

+88.9 12.0' LT

+04.0 2.0' LT

+83.5 12.0' LT

+38.8 22.0' RT

+49.5 34.0' LT

+49.5 12.0' LT

+10.6 22.0' RT

10'

20' TYP

11'

12'

5.5"

118+00

119+00

120+00

121+00

122+00

12.5' LINE, 37.5' GAP

12.5' LINE, 37.5' GAP

12.5' LINE, 37.5' GAP

ASPH

CONC

CANOPY

POST

MWEL

CABC

SIGN

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

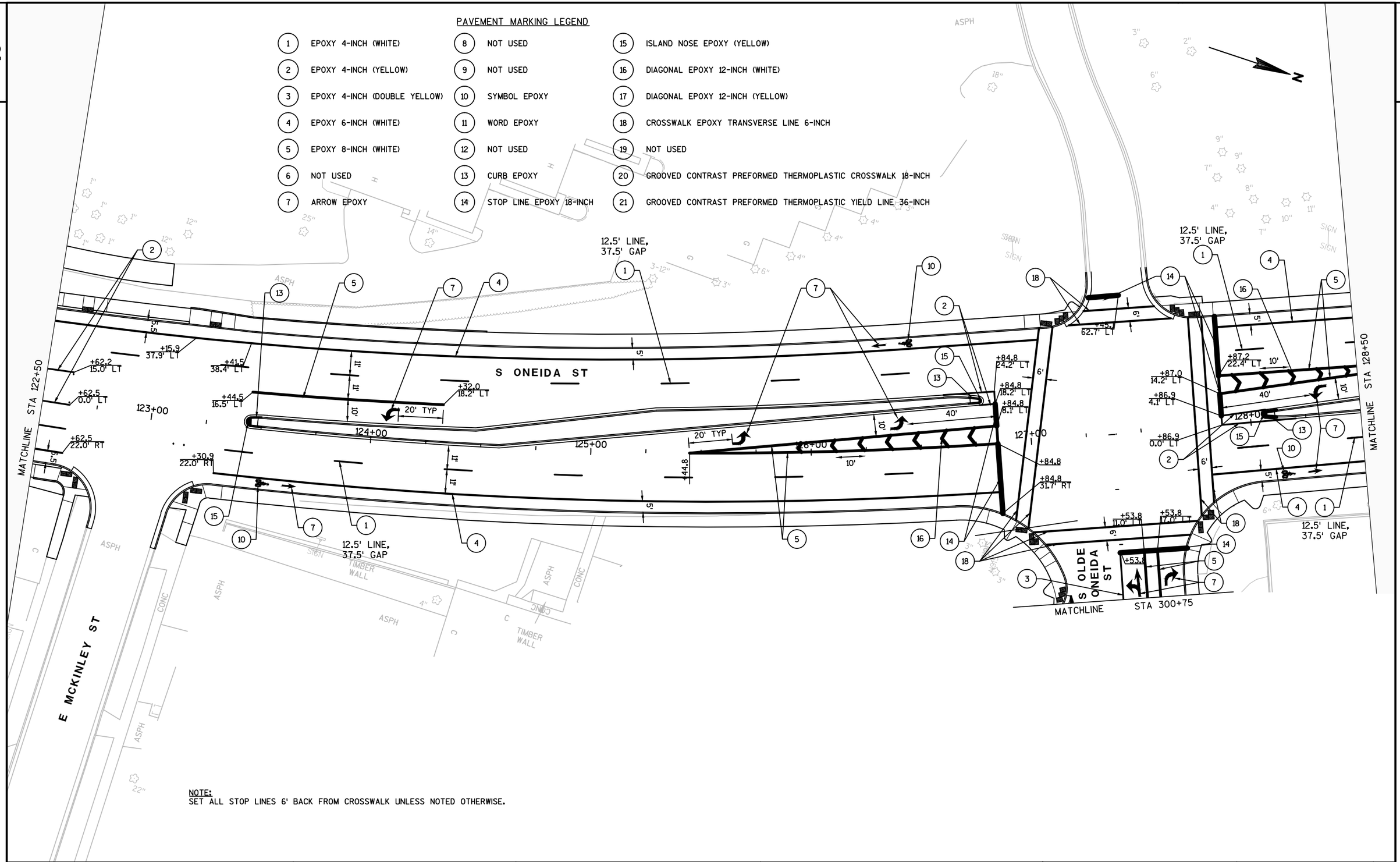
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 180	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024501-PM.DWG
LAYOUT NAME - 024501-PM - 09

PLOT DATE : 7/11/2017 1:04 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH



NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 181	E

2

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N

MATCHLINE STA 128+50

S ONEIDA ST

12.5' LINE, 37.5' GAP

16 11 1 7 4

5'

11'

+88.0
18.9' LT

+03.8
20.3' LT

10'

20' TYP

129+00 130+00 131+00 132+00 133+00 134+00

ASPH

CONC

REPLACE EXISTING PAVEMENT MARKINGS REMOVED FOR STAGED CONSTRUCTION

12.5' LINE, 37.5' GAP

1

5 1 4

12.5' LINE, 37.5' GAP

3

1

12.5' LINE, 37.5' GAP

MATCHLINE STA 134+50

NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

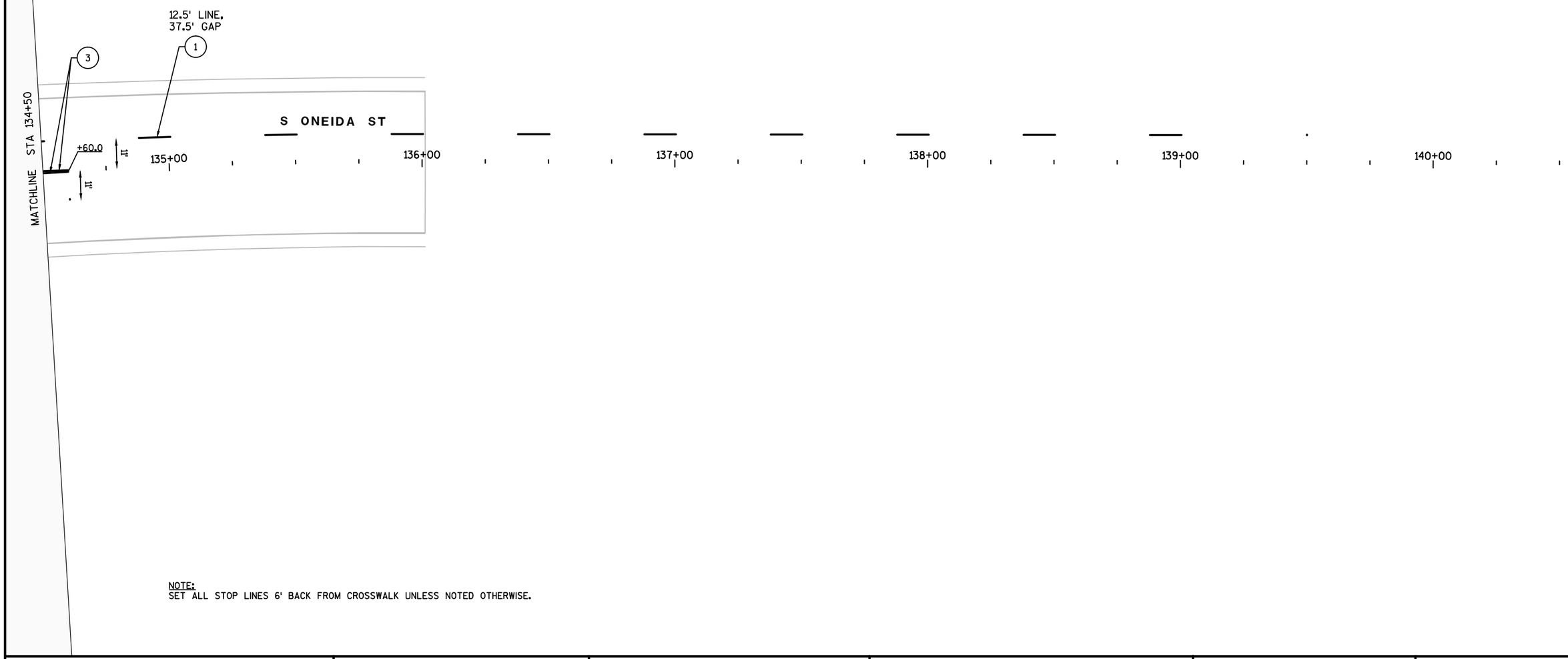
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 182	E

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

N



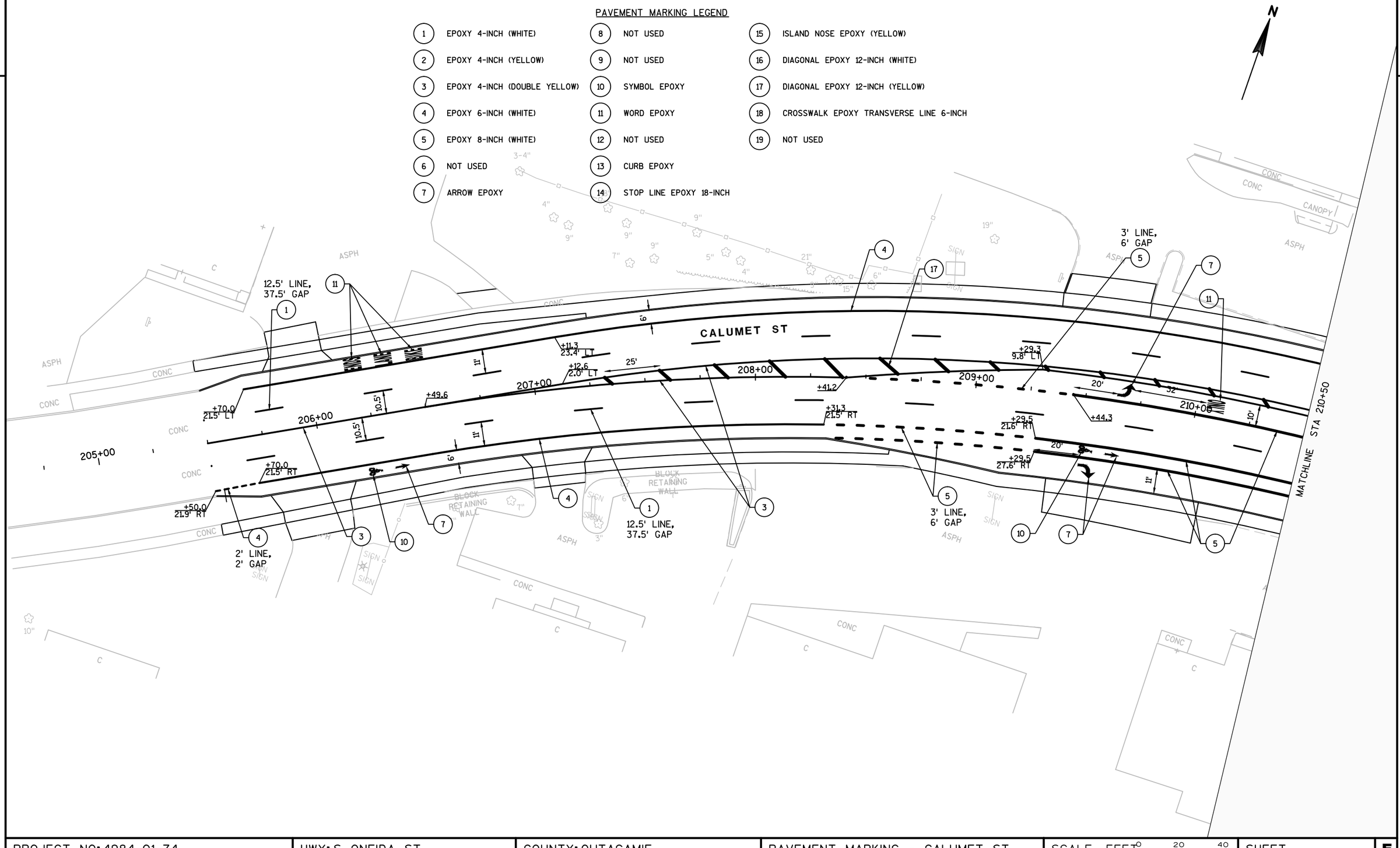
NOTE:
SET ALL STOP LINES 6' BACK FROM CROSSWALK UNLESS NOTED OTHERWISE.

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING		SHEET 183	E

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY		
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH		



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING - CALUMET ST	SCALE, FEET 0 20 40	SHEET 184	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024502-PM.DWG
LAYOUT NAME - 024502-PM - 01

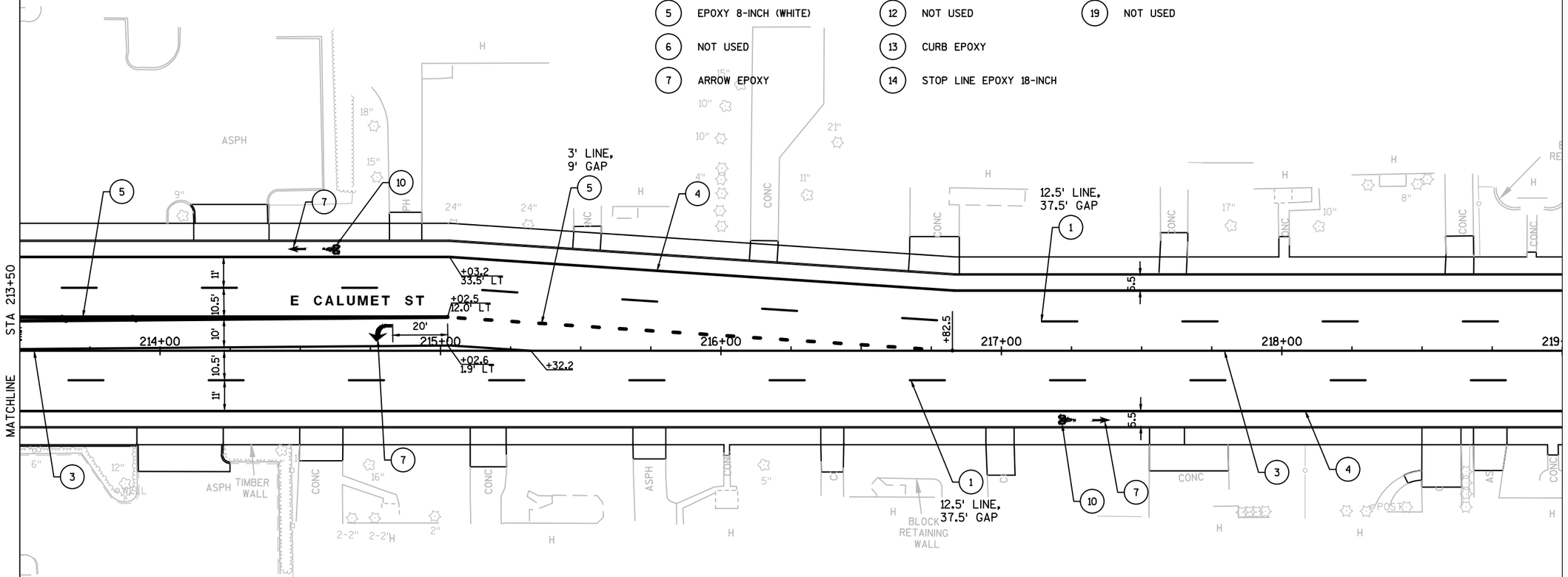
PLOT DATE : 7/11/2017 1:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY		
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH		

N



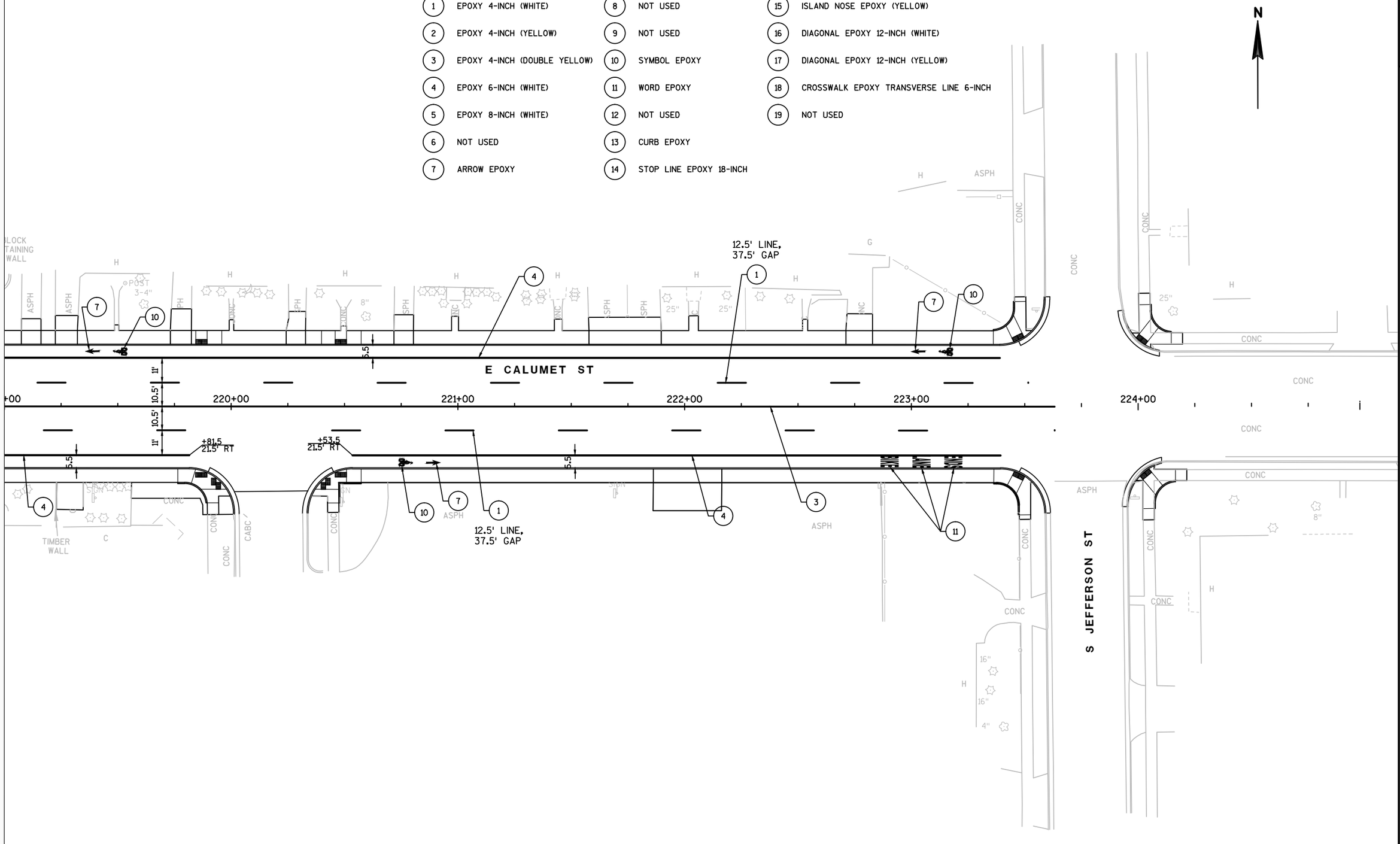
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING - CALUMET ST	SCALE, FEET 0 20 40	SHEET 185	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024502-PM.DWG
LAYOUT NAME - 024502-PM - 02
PLOT DATE : 7/11/2017 1:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY		
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH		



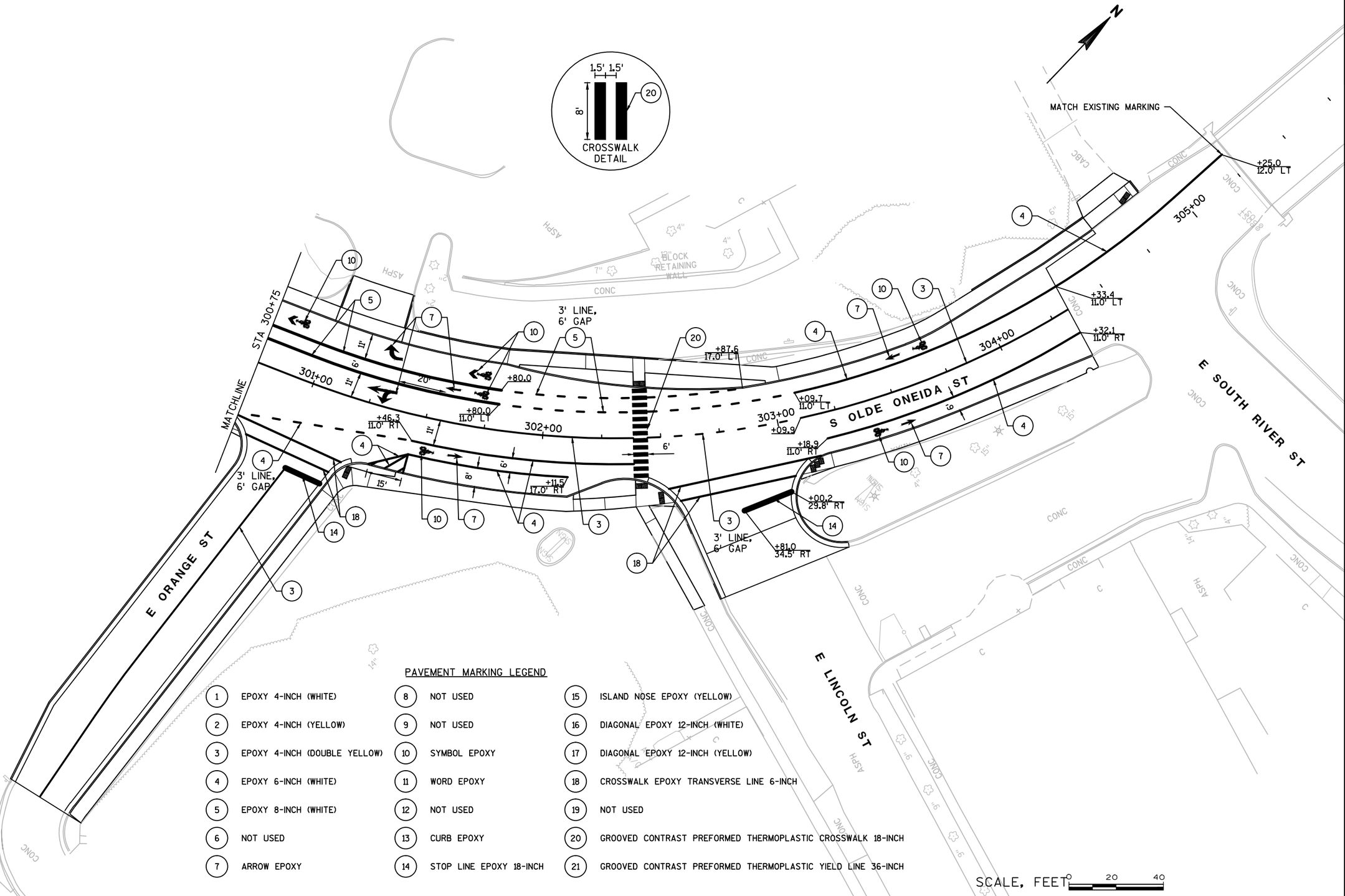
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING - CALUMET ST	SCALE, FEET 0 20 40	SHEET 186	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024502-PM.DWG
LAYOUT NAME - 024502-PM - 03

PLOT DATE : 7/11/2017 1:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1	EPOXY 4-INCH (WHITE)	8	NOT USED	15	ISLAND NOSE EPOXY (YELLOW)
2	EPOXY 4-INCH (YELLOW)	9	NOT USED	16	DIAGONAL EPOXY 12-INCH (WHITE)
3	EPOXY 4-INCH (DOUBLE YELLOW)	10	SYMBOL EPOXY	17	DIAGONAL EPOXY 12-INCH (YELLOW)
4	EPOXY 6-INCH (WHITE)	11	WORD EPOXY	18	CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
5	EPOXY 8-INCH (WHITE)	12	NOT USED	19	NOT USED
6	NOT USED	13	CURB EPOXY	20	GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH
7	ARROW EPOXY	14	STOP LINE EPOXY 18-INCH	21	GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH

SCALE, FEET 0 20 40

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PAVEMENT MARKING - S OLDE ONEIDA ST	SHEET 187	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PAVEMENT MARKING\024503-PM.DWG
LAYOUT NAME - 024503-PM - 01
PLOT DATE : 7/11/2017 1:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

GENERAL NOTES FOR CONSTRUCTION STAGING AND TRAFFIC CONTROL

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY, UNLESS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
4. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.
5. A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.
6. ADEQUATE TURNING PROVISIONS SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS AND BUSES, AS DIRECTED BY THE ENGINEER.
7. ALL EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
8. BARRICADE STRIPES ARE TO SLOPE DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.
9. ALL DRUM SPACING IS 50' WITHOUT LIGHTS AND 25' WITH LIGHTS. 15' (OR TIGHTER AS NEEDED) SHALL BE USED AT INTERSECTIONS AND DRIVEWAYS.
10. TEMPORARY MARKING LINE REMOVABLE TAPE SHALL BE USED ON PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER CONSTRUCTION, EXCEPT AS NOTED IN THE STAGING PLAN OR AS DIRECTED BY THE ENGINEER.
11. PERMANENT SIGNING TO BE INSTALLED IN STAGES DURING CONSTRUCTION. NOT ALL PERMANENT SIGNS ARE SHOWN ON CONSTRUCTION STAGING PLANS.
12. SEE SPECIAL PROVISIONS FOR LIMITATIONS OF SIDEROAD CLOSURES. PAVEMENT GAPS WILL BE USED AT SIDE ROADS TO MAINTAIN LOCAL ACCESS.
13. MAINTAIN EMERGENCY ACCESS TO ST. ELIZABETH HOSPITAL EMERGENCY ROOM AND ACCESS TO ALL RESIDENCES AND COMMERCIAL BUILDINGS AT ALL TIMES.
14. IF A DROP OFF GREATER THAN 6 INCHES WILL OCCUR WITHIN 4 FEET OF AN OPEN TRAVEL LANE A 3:1 SLOPE OR FLATTER SHALL BE CONSTRUCTED USING BASE AGGREGATE DENSE 1 1/4-INCH. THIS SLOPE AND ALL MATERIAL NEEDED FOR CONSTRUCTION AND MAINTENANCE OF THE SLOPE IS INCIDENTAL TO CONSTRUCTION.
15. ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.
16. PROVIDE ACCESSIBLE FACILITY THROUGHOUT WORK ZONE USING EXISTING PAVEMENT, PROPOSED SIDEWALK, OR TEMPORARY PEDESTRIAN SURFACE.
17. TEMPORARY PEDESTRIAN SAFETY FENCE OR PEDESTRIAN STEEL BARRICADES ARE REQUIRED WHEN CONSTRUCTION ACTIVITIES OR DROP OFFS OCCUR WITHIN 4 FEET OF THE EDGE OF THE PEDESTRIAN ACCESS ROUTE. SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATIONS FOR MORE DETAILS. CONCRETE BARRIER TEMPORARY PRECAST MAY NOT BE USED.
18. COORDINATE PAVEMENT MARKING AND PAVEMENT MARKING REMOVALS SOUTH OF HOOVER AVE WITH PROJECT 1517-75-83.

CONSTRUCTION STAGING AND TRAFFIC CONTROL NOTES

STAGE 1A

- ONEIDA ST NORTHBOUND AND SOUTHBOUND TRAFFIC SHIFTED TO ONEIDA ST NORTHBOUND LANES AND RESTRICTED TO ONE LANE IN EACH DIRECTION FROM W VALLEY RD TO E TAFT AVE. ONEIDA ST NORTHBOUND OPEN TO TWO LANES NORTH OF E TAFT AVE.
- ONEIDA ST OUTSIDE SB LANE REMAINS CLOSED FROM E TAFT AVE TO SKYLINE BRIDGE.
- CONSTRUCT ONEIDA ST TEMPORARY WIDENING.

STAGE 1B

- ONEIDA ST NORTHBOUND AND SOUTHBOUND TRAFFIC SHIFTED TO ONEIDA ST NORTHBOUND LANES AND RESTRICTED TO ONE LANE IN EACH DIRECTION FROM W VALLEY RD TO E TAFT AVE.
- NORTH OF E TAFT AVE, SHIFT ONEIDA ST NORTHBOUND AND SOUTHBOUND TRAFFIC TO ONEIDA ST NB AND SB OUTSIDE LANES.
- REMOVE EXISTING RAISED MEDIAN AND PLACE ASPHALTIC SURFACE TEMPORARY.

STAGE 2A

- ONEIDA ST NORTHBOUND AND SOUTHBOUND TRAFFIC SHIFTED TO ONEIDA ST NORTHBOUND LANES AND RESTRICTED TO ONE LANE IN EACH DIRECTION FROM W VALLEY RD TO E HOOVER AVE.
- CROSSOVER REQUIRED FROM E HOOVER AVE TO E TAFT AVE.
- SHIFT ONEIDA ST NORTHBOUND TRAFFIC TO ONEIDA ST SB INSIDE LANE. TRAFFIC RESTRICTED TO ONE LANE IN EACH DIRECTION FROM E TAFT AVE TO NORTH PROJECT LIMITS.
- CONSTRUCT ONEIDA ST SOUTHBOUND LANES AND WEST HALF OF TWLTL FROM STA 71+47 TO STA 75+66.
- CONSTRUCT ONEIDA ST NORTHBOUND LANES FROM STA 80+11 TO SKYLINE BRIDGE.
- CONSTRUCT E WILSON AVE INTERSECTION.
- TAFT AVE TO REMAIN OPEN WHILE E WILSON AVE IS CLOSED.
- CONSTRUCT ST ELIZABETH HOSPITAL EMERGENCY ROOM PERMANENT ACCESS AT STA 112+00 RT.
- CONSTRUCT FREMONT ST INTERSECTION.
- PRIVATE DRIVEWAY ON EAST LEG OF SEYMOUR ST INTERSECTION TO REMAIN OPEN WHILE FREMONT ST IS CLOSED.
- CONSTRUCT OLDE ONEIDA AND ORANGE ST.
- CALUMET ST TO REMAIN OPEN WHILE OLDE ONEIDA ST IS CLOSED.

STAGE 2B

- CONTINUE CONSTRUCTION ON ONEIDA ST SOUTHBOUND LANES AND WEST HALF OF TWLTL FROM STA 71+47 TO STA 75+66, AND NORTHBOUND LANES FROM STA 80+11 TO SKYLINE BRIDGE.
- CONTINUE CONSTRUCTION ON OLDE ONEIDA ST AND ORANGE ST.
- CONSTRUCT TAFT AVE AFTER OPENING E WILSON AVE.
- CONSTRUCT PRIVATE DRIVEWAY ON EAST LEG OF SEYMOUR ST INTERSECTION AFTER OPENING FREMONT ST.
- CONSTRUCT IN FRONT OF ST ELIZABETH HOSPITAL TEMPORARY EMERGENCY ROOM ACCESS AFTER OPENING PERMANENT EMERGENCY ROOM ACCESS.

STAGE 2C

- WHEN WISDOT PROJECT 1517-75-83 SWITCHES TRAFFIC TO THE SOUTHBOUND LANES, CONSTRUCT ONEIDA ST NORTHBOUND LANES FROM SOUTH PROJECT LIMITS TO STA 80+11.
- CONTINUE CONSTRUCTION ON ONEIDA ST FROM STA 80+11 TO SKYLINE BRIDGE.
- CONTINUE CONSTRUCTION ON OLDE ONEIDA ST AND ORANGE ST.

STAGE 2D

- UPON COMPLETION OF PROJECT 1517-75-83, PLACE ADVANCE WARNING SIGNS AND NEW CROSSOVER SOUTH OF HOOVER AVE.
- CONTINUE CONSTRUCTION ON ONEIDA ST NORTHBOUND LANES FROM STA 75+66 TO SKYLINE BRIDGE.

STAGE 2E

- INSTALL CALUMET ST DETOUR AND CLOSE E CALUMET ST TO THROUGH TRAFFIC AFTER OPENING OLDE ONEIDA ST.
- CONTINUE CONSTRUCTION ON ONEIDA ST NORTHBOUND LANES FROM STA 75+66 TO SKYLINE BRIDGE.

STAGE 2F/2G

- SHIFT NORTHBOUND ONEIDA ST TRAFFIC TO COMPLETED NB OUTSIDE LANE.
- E CALUMET ST REMAINS CLOSED AND DETOURED IN STAGE 2F. OPEN E CALUMET ST IN STAGE 2G.
- CONSTRUCT ONEIDA ST / CALUMET ST INTERSECTION FROM STA 94+73 TO 95+96 IN HALVES TO MAINTAIN NB TO WB LEFT TURNS IN STAGE 2F. COMPLETE THE LEFT TURN LANES FROM STA 89+75 TO STA 99+53 IN STAGE 2G. PLACE TEMPORARY ASPHALTIC SURFACE IN MEDIAN VOIDS AND AS NECESSARY FOR SIDE ROAD ACCESS.

STAGE 3A

- ONEIDA ST NORTHBOUND AND SOUTHBOUND TRAFFIC SHIFTED TO COMPLETED NB LANES AND RESTRICTED TO ONE LANE IN EACH DIRECTION.
- CONSTRUCT ONEIDA ST SOUTHBOUND LANES FROM STA 75+66 TO SKYLINE BRIDGE.
- CLOSE W CALUMET ST TO THROUGH TRAFFIC.
- SEYMOUR STREET TO REMAIN OPEN WHILE W CALUMET ST IS CLOSED.

STAGE 3B

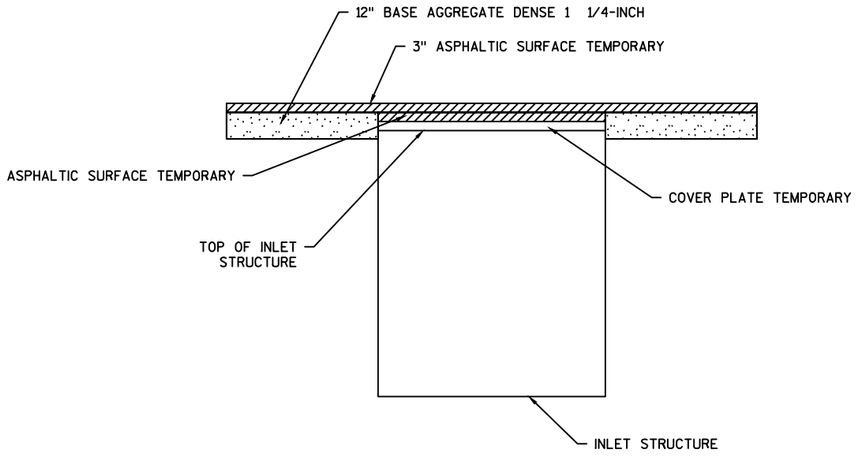
- CONTINUE CONSTRUCTION ON ONEIDA ST SOUTHBOUND LANES FROM STA 75+66 TO SKYLINE BRIDGE.
- CONSTRUCT SEYMOUR ST AFTER OPENING W CALUMET ST.

STAGE 3C

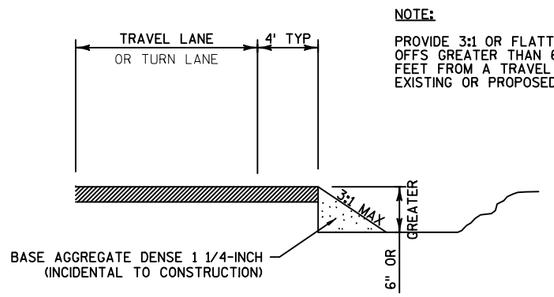
- OPEN W SEYMOUR ST.
- CONTINUE CONSTRUCTION ON ONEIDA ST SOUTHBOUND LANES FROM STA 75+66 TO SKYLINE BRIDGE.

STAGE 3D

- ALL STREETS OPEN TO TRAFFIC.
- ONEIDA ST NORTHBOUND AND SOUTBOUND TRAFFIC SHIFTED TO COMPLETED NORTHBOUND AND SOUTHBOUND OUTSIDE LANES AND RESTRICTED TO ONE LANE IN EACH DIRECTION.
- CONSTRUCT RAISED MEDIANS FROM STA 89+75 TO STA 99+53.



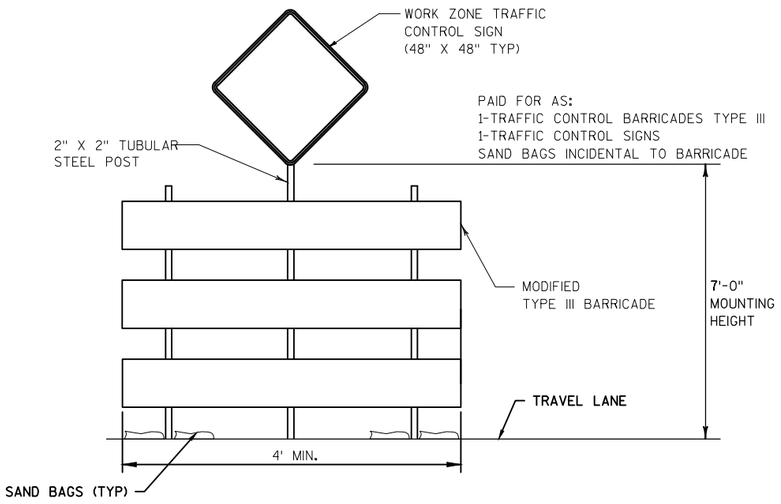
COVER PLATE TEMPORARY BURIED



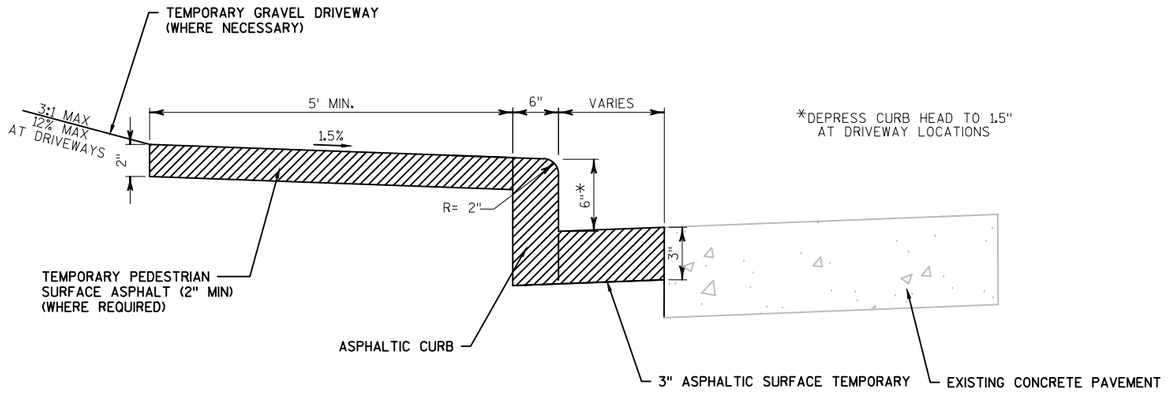
NOTE:

PROVIDE 3:1 OR FLATTER SLOPE FOR ALL DROP OFFS GREATER THAN 6-INCHES, IF LESS THAN 4 FEET FROM A TRAVEL LANE. THIS INCLUDES EXISTING OR PROPOSED TURN LANES.

DROP OFFS DURING CONSTRUCTION



TYPICAL TEMPORARY TRAFFIC CONTROL DETAIL
MOUNTING ON TEMPORARY SUPPORT

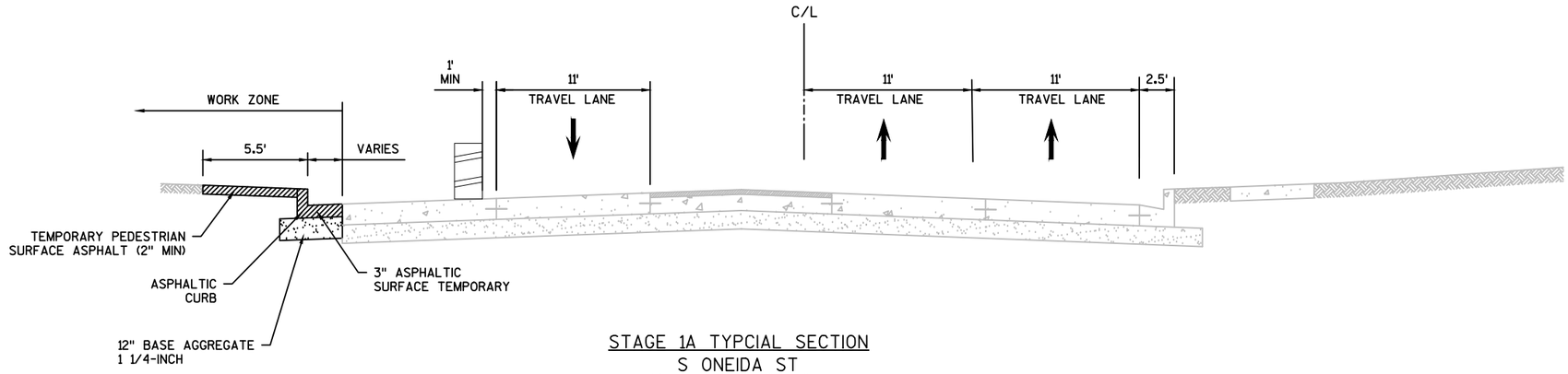


ASPHALTIC CURB

SEE STAGING PLANS
FOR LOCATIONS

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING DETAILS	SHEET 189	E

2

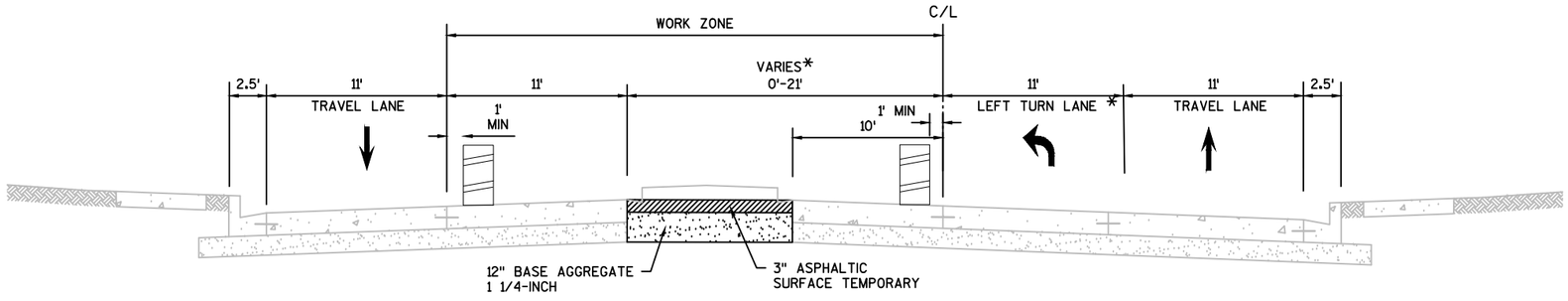


STAGE 1A TYPCIAL SECTION

S ONEIDA ST

STA 100+54 TO STA 103+26

STA 113+52 TO STA 118+91



STAGE 1B TYPICAL SECTION

S ONEIDA ST

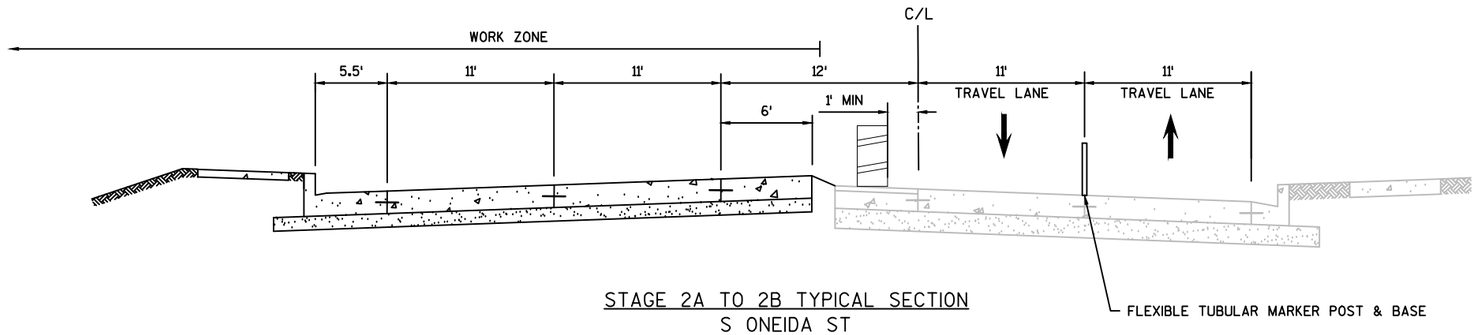
STA 89+73 TO STA 94+91

STA 95+77 TO STA 100+38

* SB LT TURN LANE IS A MIRROR IMAGE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN: TYPICAL STAGING SECTIONS	SHEET 190	E

2

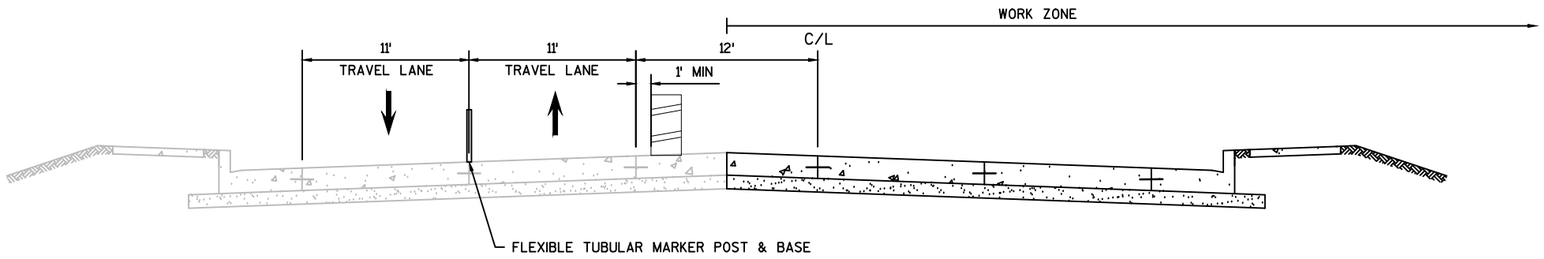


STAGE 2A TO 2B TYPICAL SECTION

S ONEIDA ST

W VALLEY RD TO E HOOVER AVE

STA 71+47 TO STA 75+66



STAGE 2C TYPICAL SECTION

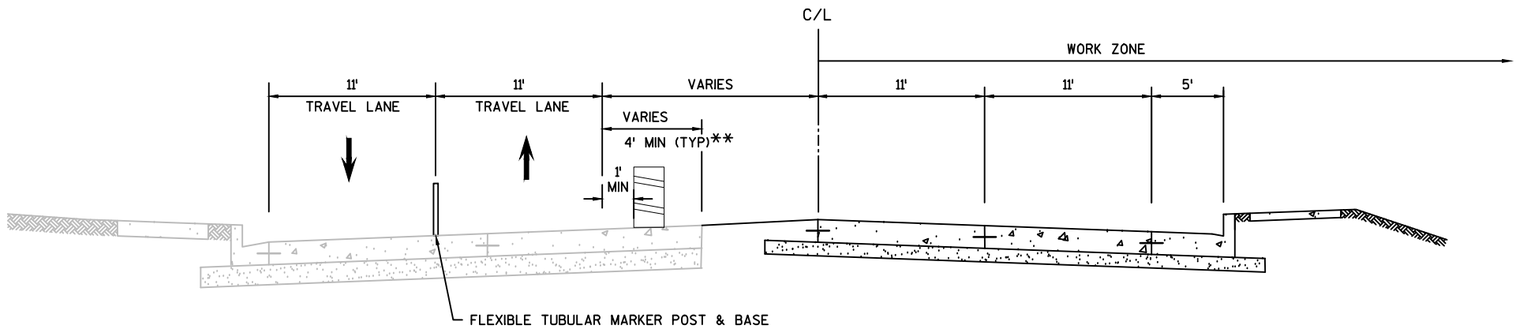
S ONEIDA ST

W VALLEY RD TO E HOOVER AVE

STA 71+47 TO STA 75+66

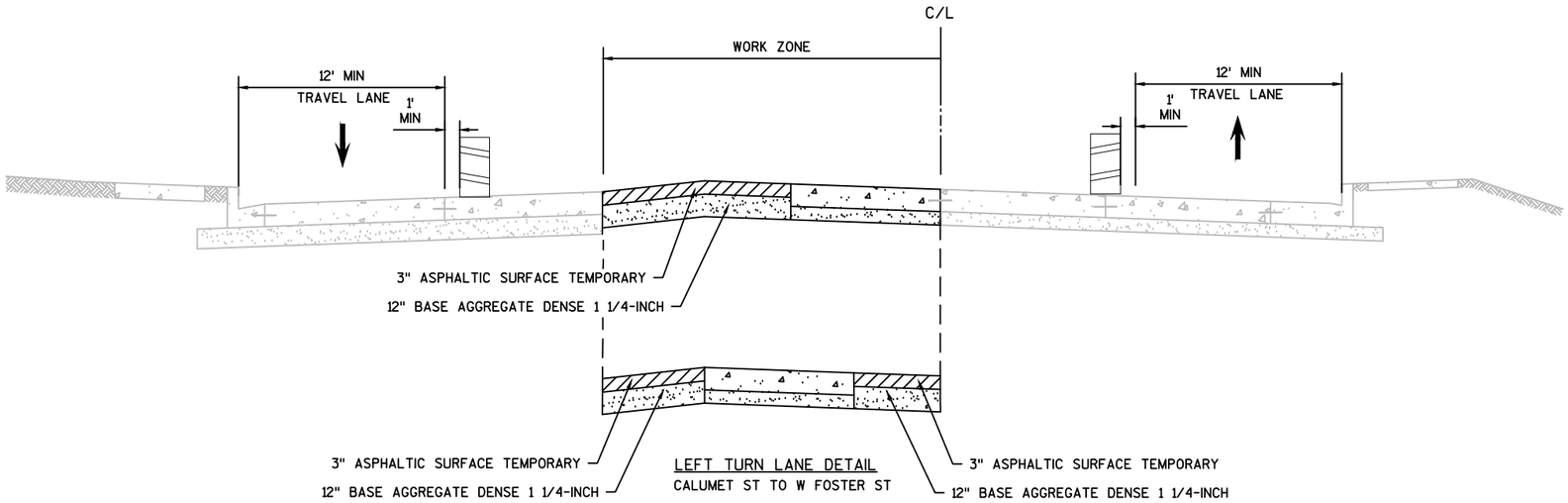
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN: TYPICAL STAGING SECTIONS	SHEET 191	E

2



STAGE 2A TO 2E TYPICAL SECTION
S ONEIDA ST
E HOOVER AVE TO SKYLINE BRIDGE
STA 75+66 TO STA STA 131+67

** SEE CONSTRUCTION DETAIL FOR DROP OFFS DURING CONSTRUCTION IF LESS THAN 4'

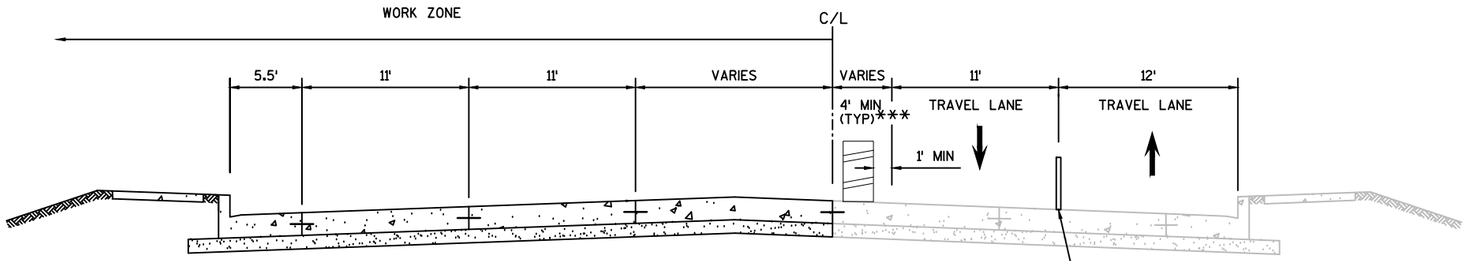


LEFT TURN LANE DETAIL
CALUMET ST TO W FOSTER ST

STAGE 2F TYPICAL SECTION
S ONEIDA ST
E MURRAY AVE TO W FOSTER ST

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN: TYPICAL STAGING SECTIONS	SHEET 192	E

2



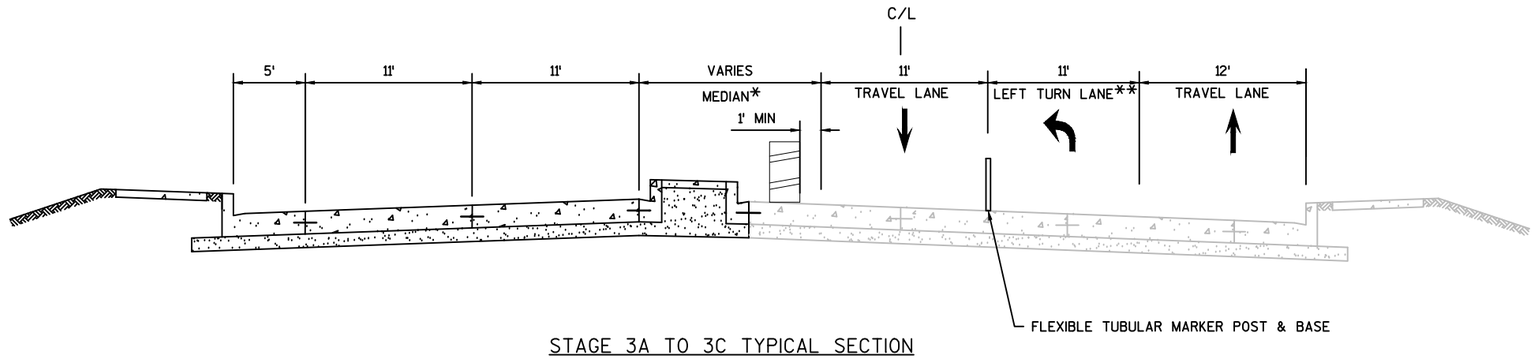
STAGE 3A TO 3C TYPICAL SECTION

S ONEIDA ST

E HOOVER AVE TO E MURRAY AVE
STA 75+66 TO STA 89+77

W FOSTER ST TO E MCKINLEY ST
STA 103+15 TO STA 123+40

*** SEE CONSTRUCTION DETAIL FOR DROP OFFS DURING CONSTRUCTION IF LESS THAN 4'



STAGE 3A TO 3C TYPICAL SECTION

S ONEIDA ST

E MURRAY AVE TO W FOSTER ST
STA 89+77 TO STA 103+15

E MCKINLEY ST TO SKYLINE BRIDGE
STA 123+40 TO STA 131+66.59

* SB LT LANE IS A MIRROR IMAGE

** LT TURN LANES REQUIRED AT CALUMET/ONEIDA INTERSECTION ONLY

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN: TYPICAL STAGING SECTIONS	SHEET 193	E

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

W VALLEY RD

CONSTRUCTION UNDER PROJECT ID 1517-75-83

TRAFFIC CONTROL UNDER PROJECT ID 1517-75-83

S ONEIDA ST

64 66 68 70 72 74 76

50' TYP.

STA 77+00

MATCHLINE

E ROELAND AVE

E HOOVER AVE

200'

STOP

R1-1 EXISTING SIGN TO REMAIN

ROAD WORK AHEAD

W20-1-A

TOWER

SUBSTATION

SIGN

CANOPY

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 1A,1B	SCALE, FEET 0 50 100	SHEET 194	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1B.DWG
LAYOUT NAME - 026001-S1B - 06

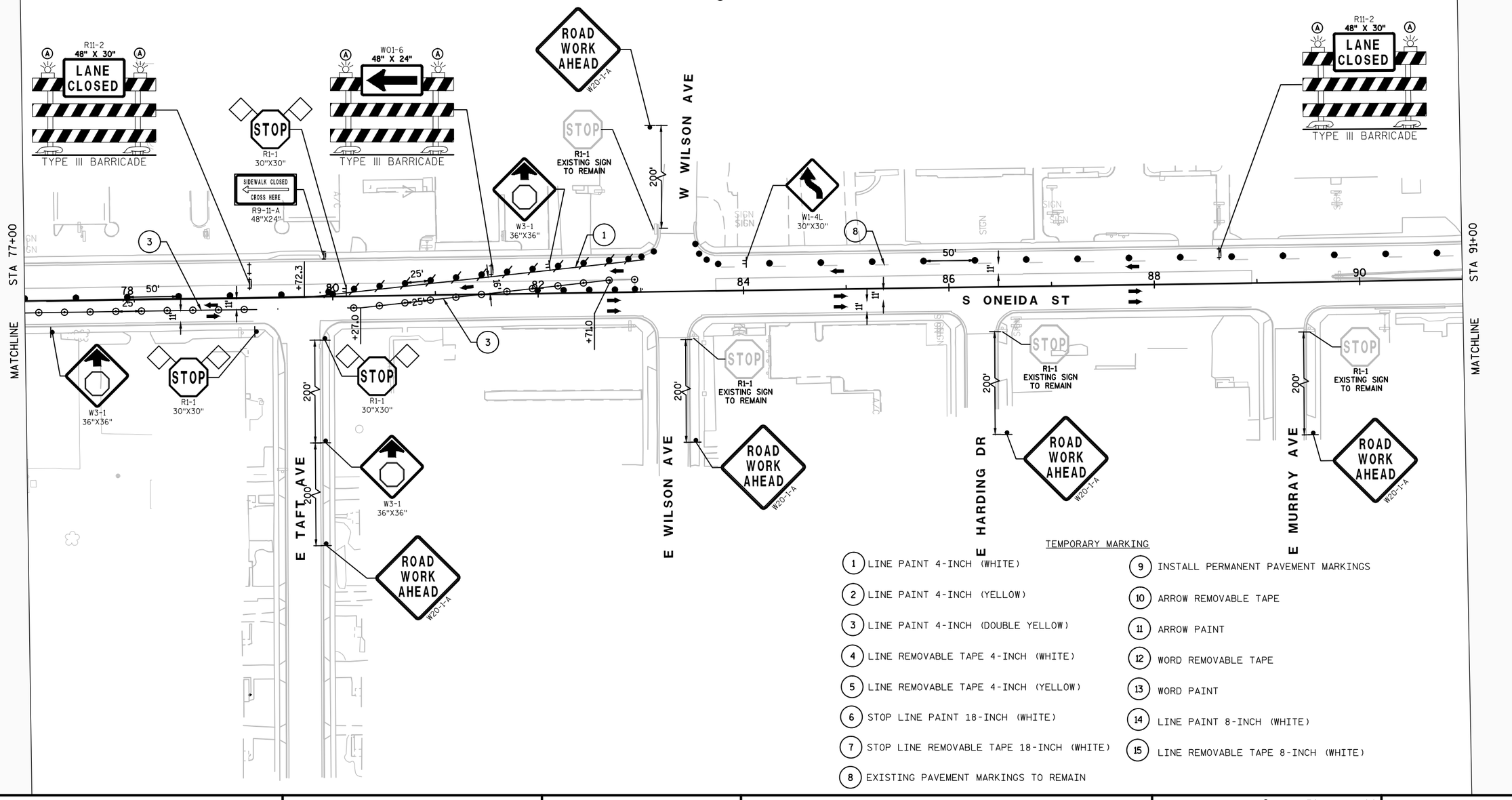
PLOT DATE : 7/11/2017 1:07 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1A	SCALE, FEET 0 50 100	SHEET 195	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1A .DWG
LAYOUT NAME - 026001-S1A - 07
PLOT DATE : 7/11/2017 1:08 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE STA 91+00

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

200'

W CALUMET ST

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

SIDEWALK CLOSED AHEAD CROSS HERE R9-11 48"X24"

8

SIDEWALK CLOSED R9-9 24"X12"

TEMPORARY SIDEWALK AND WIDENING
NOTE: ALL STA/OFFSETS ARE TO THE FACE OF ASPHALTIC CURB

TEMPORARY COVER PLATE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

STOP R1-1 EXISTING SIGN TO REMAIN

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

W FOSTER ST

50' 12' 11' 12' 12'

92 94 96 98 100 102 104

+54.1 30.6' LT | +84.2 28.5' LT | +33.7 27.0' LT | +85.6 | +13.8 | +26.1 31.0' LT | +18.5 27.0' LT

S ONEIDA ST

MATCHLINE STA 105+00

E COOLIDGE AVE

STOP R1-1 EXISTING SIGN TO REMAIN

200'

ROAD WORK AHEAD W20-1-A

E CALUMET ST

200'

ROAD WORK AHEAD W20-1-A

RAMLEN CT

STOP R1-1 EXISTING SIGN TO REMAIN

200'

ROAD WORK AHEAD W20-1-A

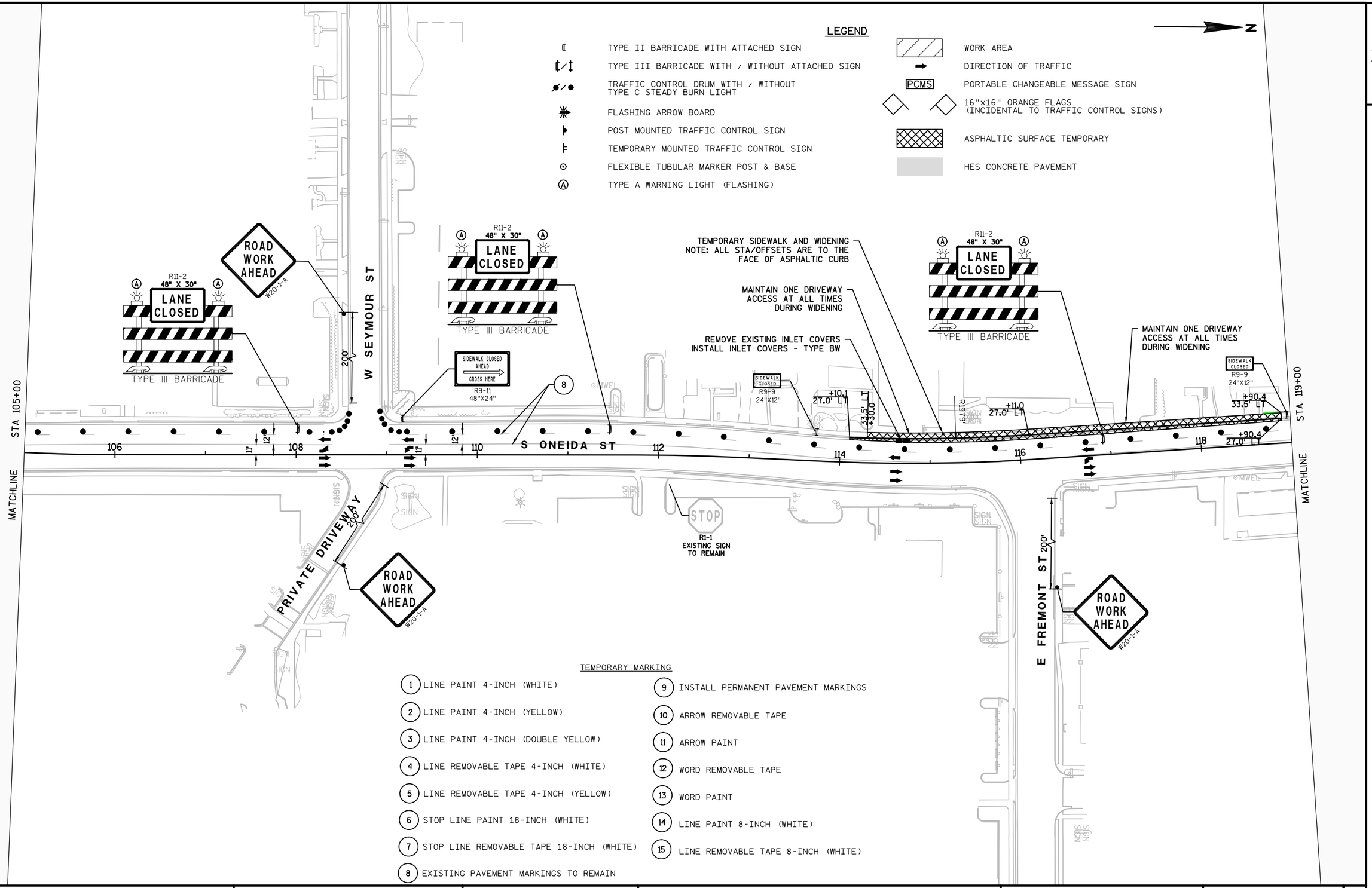
TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1A	SCALE, FEET 0 50 100	SHEET 196	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1A .DWG
LAYOUT NAME - 026001-S1A - 09
PLOT DATE : 7/11/2017 1:08 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1A	SCALE, FEET 0 50 100	SHEET 197	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1A .DWG
LAYOUT NAME - 026001-S1A - 11

PLOT DATE : 7/11/2017 1:08 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

SIDEWALK CLOSED AHEAD CROSS HERE R9-11 48"X24"

PRIVATE DRIVEWAY

STA 119+00

MATCHLINE

120 122 124 126 128 130 132

50' 50' TYP. 200' 12' 11' 11' 12'

S ONEIDA ST

E HARRISON ST

E MCKINLEY ST

E ORANGE ST

S OLDE ONEIDA ST

E LINCOLN ST

STOP R1-1 EXISTING SIGN TO REMAIN

STA 133+00

MATCHLINE

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1A	SCALE, FEET 0 50 100	SHEET 198	E

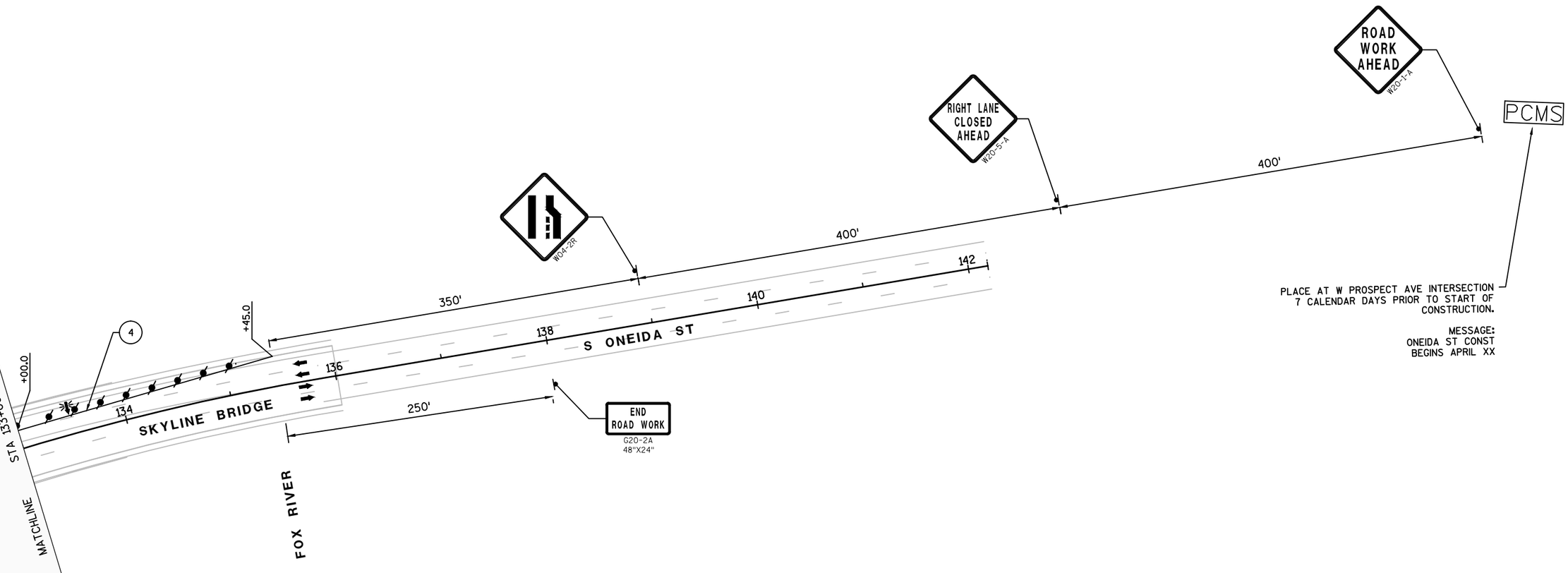
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1A .DWG
LAYOUT NAME - 026001-S1A - 13

PLOT DATE : 7/11/2017 1:09 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1A	SCALE, FEET 0 50 100	SHEET 199	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1A .DWG
LAYOUT NAME - 026001-S1A - 15

PLOT DATE : 7/11/2017 1:09 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

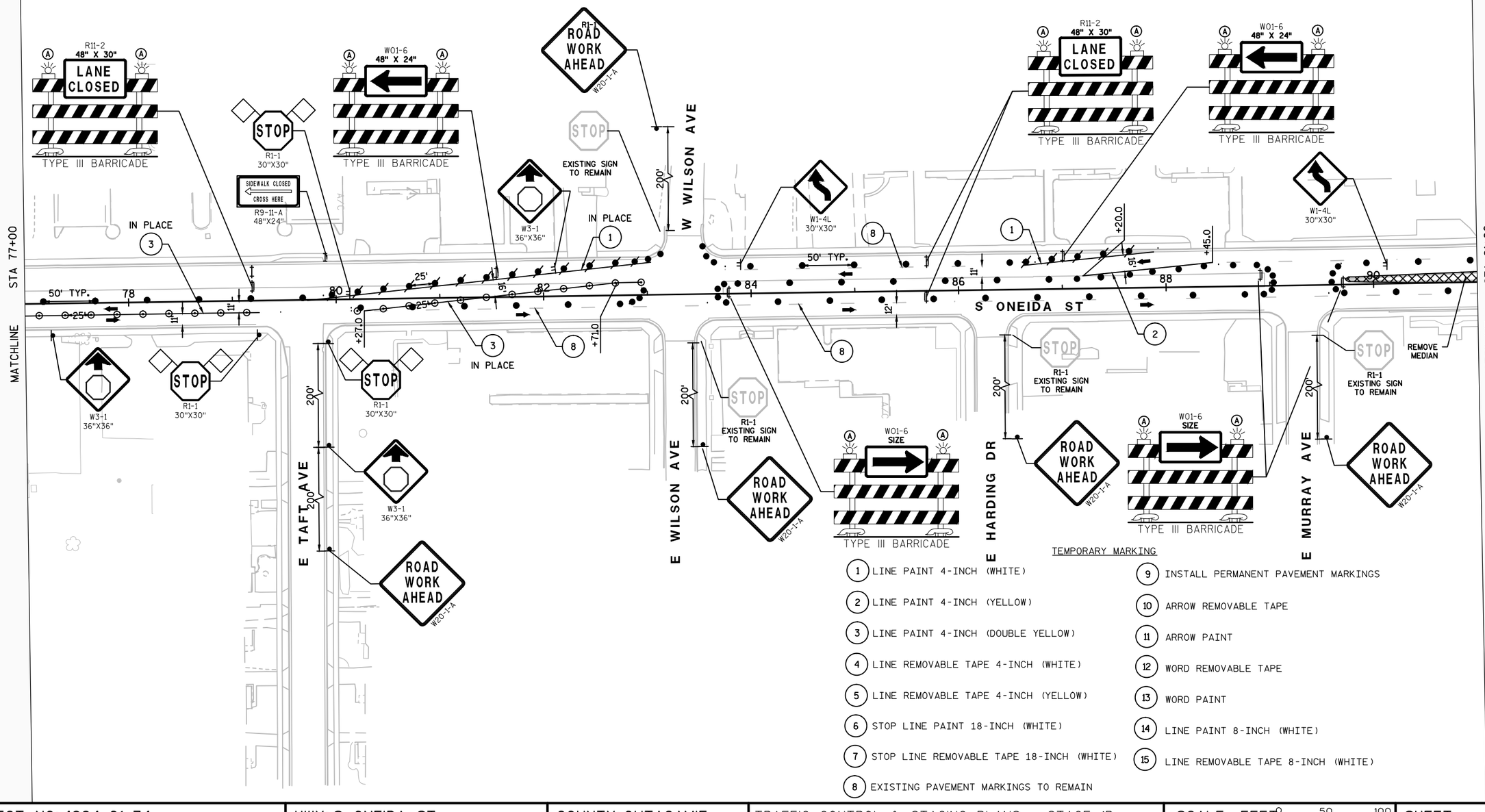
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"×16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1B	SCALE, FEET 0 50 100	SHEET 200	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1B.DWG
LAYOUT NAME - 026001-S1B - 08
PLOT DATE : 7/11/2017 1:09 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"×16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE STA 91+00

W CALUMET ST

S ONEIDA ST

W FOSTER ST

STA 105+00 MATCHLINE

E COOLIDGE AVE

E CALUMET ST

RAMLEN CT

W01-6 SIZE — TYPE III BARRICADE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

BEGIN LEFT TURN LANE R3-20-L 24"X36"

STOP R1-1 EXISTING SIGN TO REMAIN

REMOVE MEDIAN

50' TYP.

200'

12'

11'

92 94 96 98 100 102 104

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1B	SCALE, FEET 0 50 100	SHEET 201	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1B.DWG
LAYOUT NAME - 026001-S1B - 10
PLOT DATE : 7/11/2017 1:10 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"×16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE

STA 105+00

W SEYMOUR ST

ROAD WORK AHEAD W20-1-A

200'

R11-2 48" X 30" LANE CLOSED

TYPE III BARRICADE

S ONEIDA ST

106 108 110 112 114 116 118

11' 11' +02.6 +02.6

50' TYP.

8:1 TAPER

10' 12'

BEGIN LEFT TURN LANE R3-20-L 24"X36"

W01-6 SIZE

PRIVATE DRIVEWAY 200'

EXIST "ONLY" TO REMAIN

STOP R1-1 EXISTING SIGN TO REMAIN

E FREMONT ST 200'

STA 119+00

MATCHLINE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1B	SCALE, FEET 0 50 100	SHEET 202	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1B.DWG
LAYOUT NAME - 026001-S1B - 12

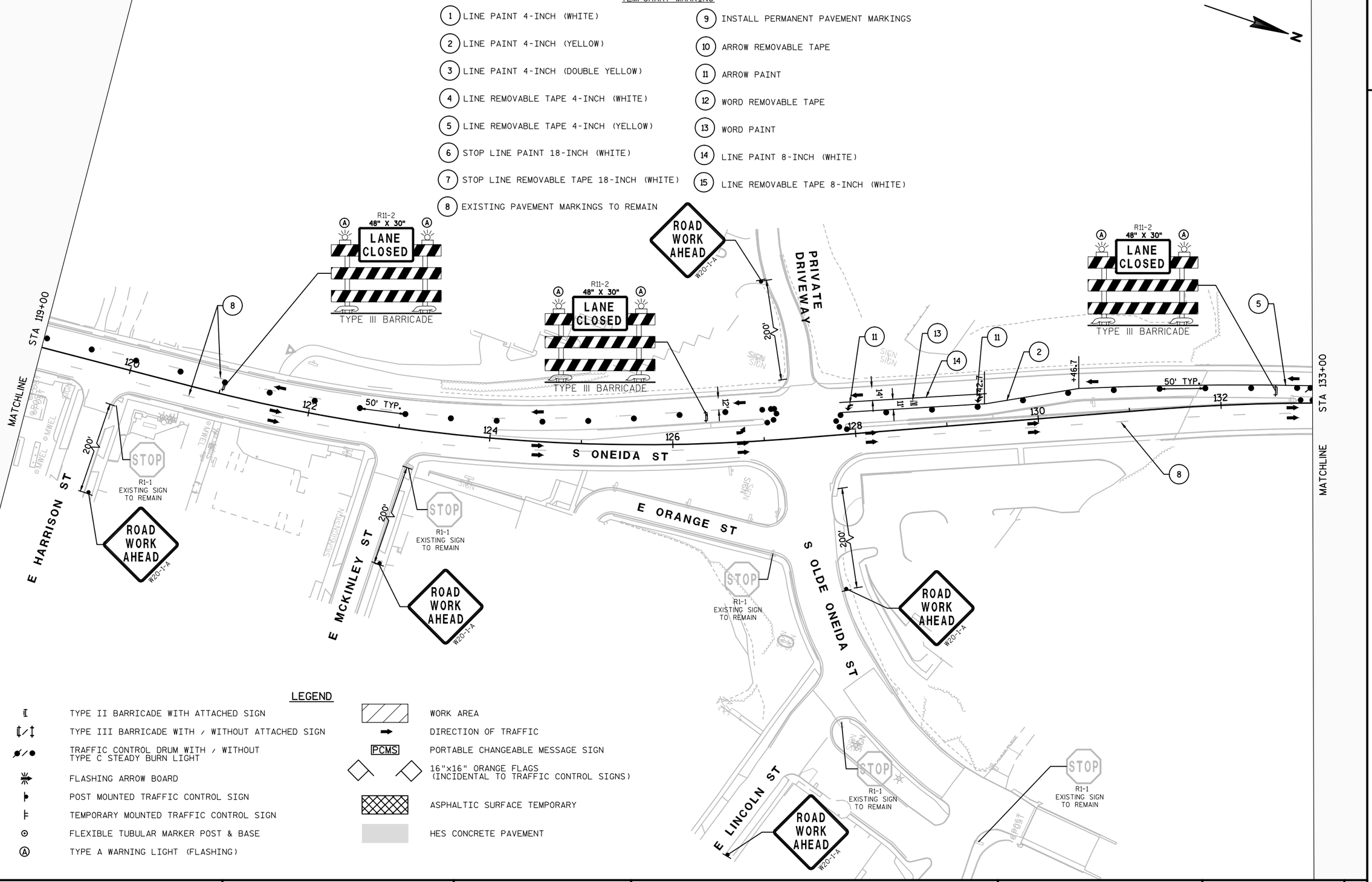
PLOT DATE : 7/11/2017 1:10 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)



LEGEND

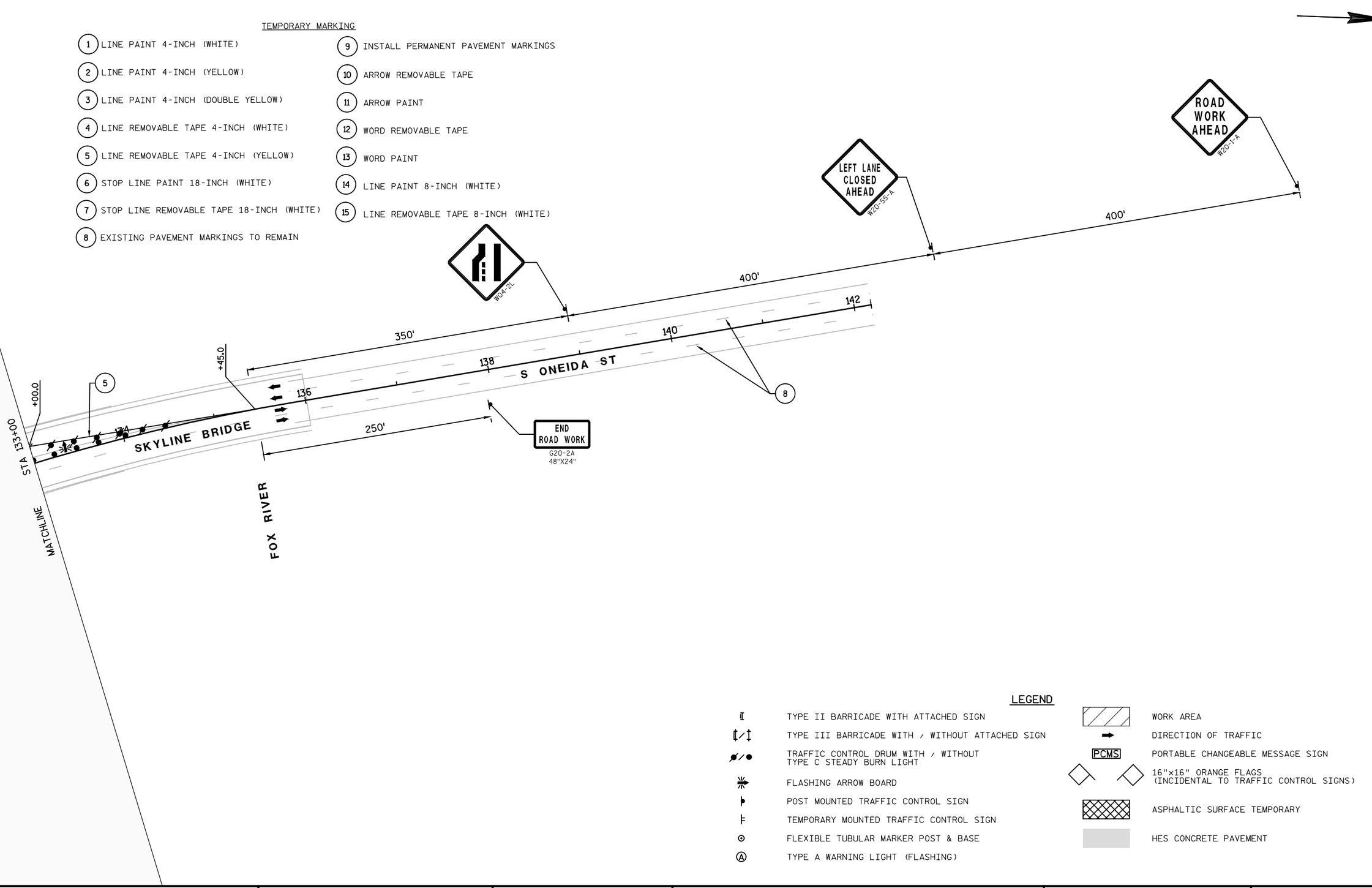
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1B	SCALE, FEET 0 50 100	SHEET 203	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S1B.DWG
LAYOUT NAME - 026001-S1B - 14
PLOT DATE : 7/11/2017 1:10 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

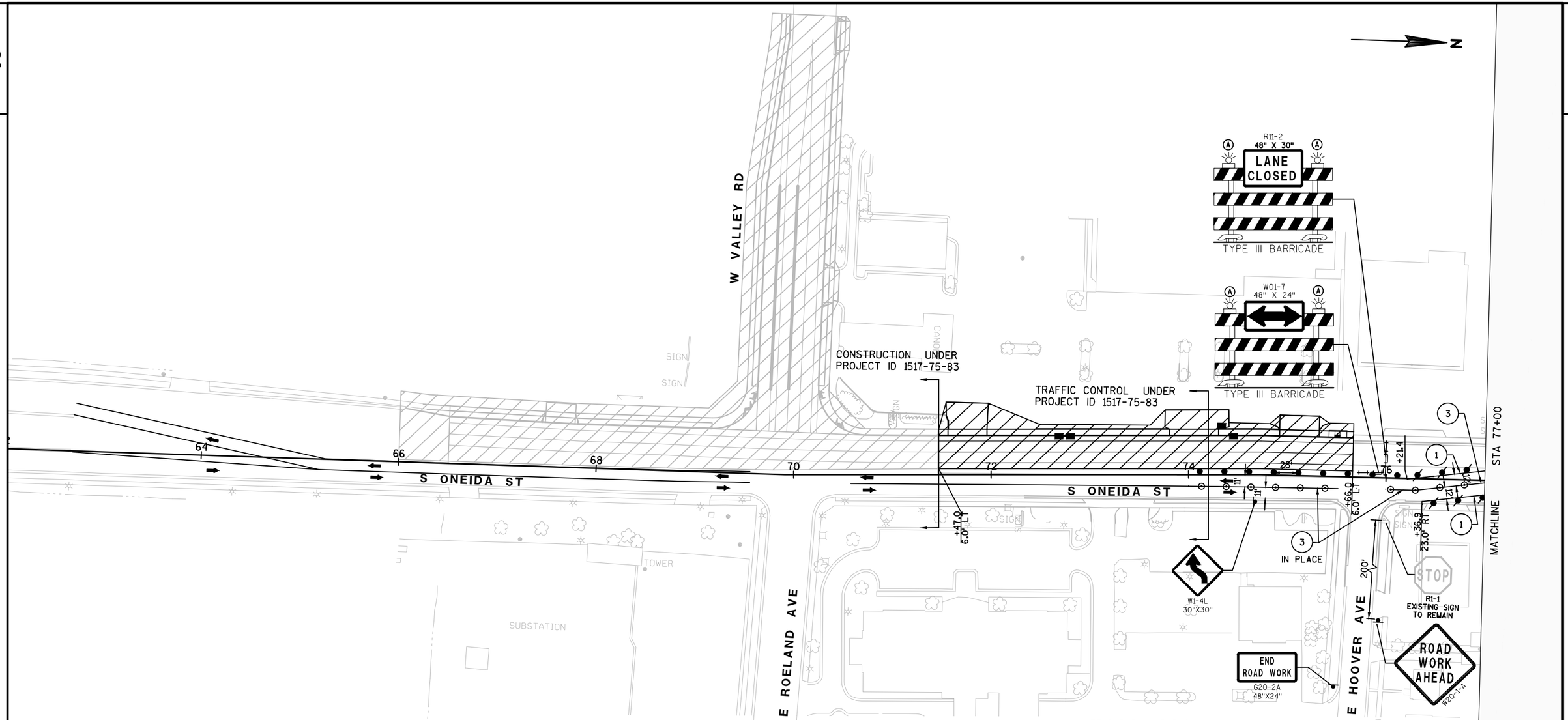


LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 1B	SCALE, FEET 0 50 100	SHEET 204	E

2



LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2A	SCALE, FEET 0 50 100	SHEET 205	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2A.DWG
LAYOUT NAME - 026001-S2A - 18
PLOT DATE : 7/11/2017 1:11 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
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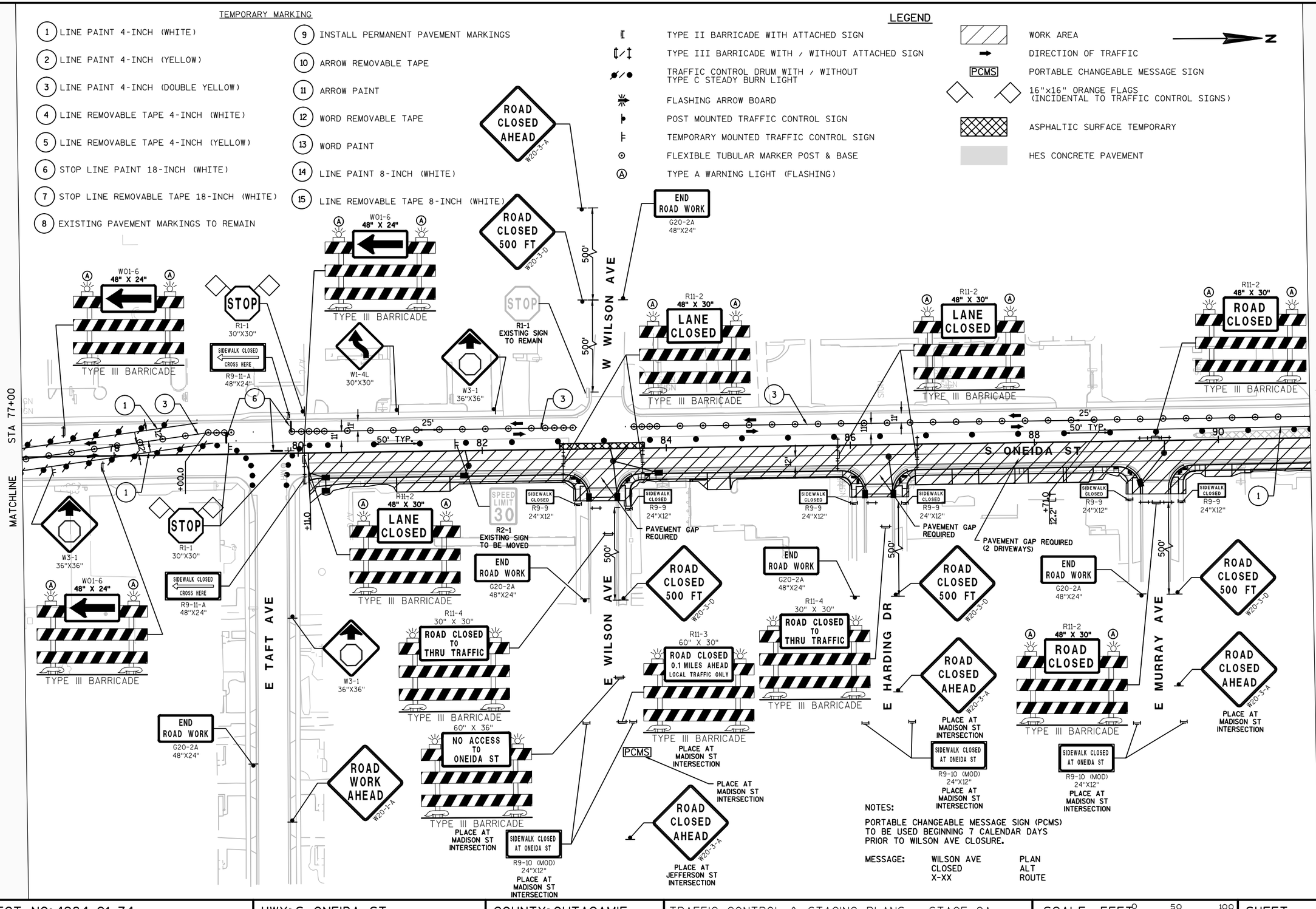
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT



NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO WILSON AVE CLOSURE.

MESSAGE:	WILSON AVE CLOSED X-XX	PLAN ALT ROUTE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2A	SCALE, FEET 0 50 100	SHEET 206	E

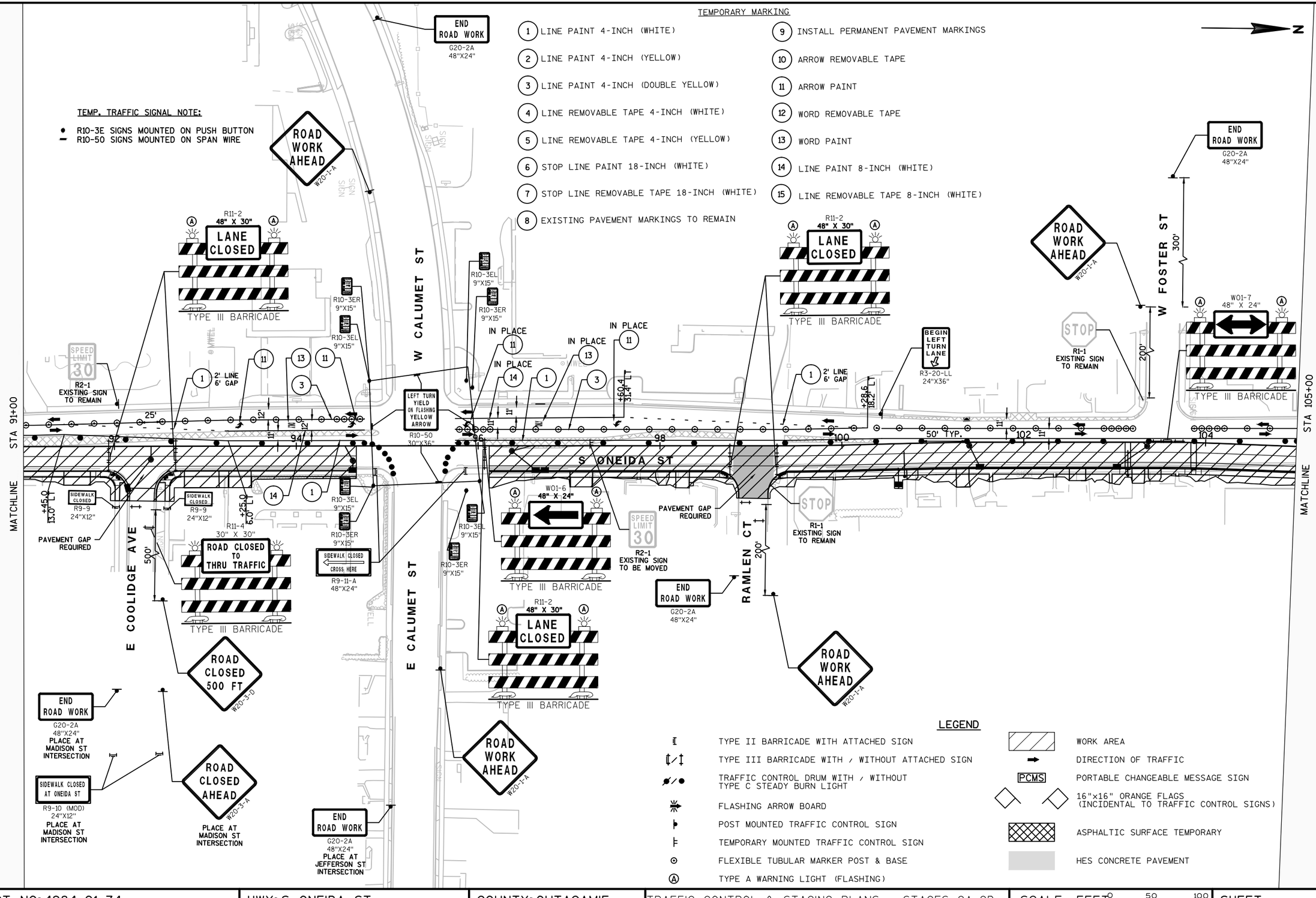
2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BUTTON
- R10-50 SIGNS MOUNTED ON SPAN WIRE



LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"X16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2A-2D	SCALE, FEET 0 50 100	SHEET 207	E

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
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- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"×16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

STA 105+00

MATCHLINE

S ONEIDA ST

W SEYMOUR ST

PRIVATE DRIVEWAY

E FREMONT ST

500'

STA 119+00

MATCHLINE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

W3-1 36"X36"

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

STOP R1-1 30"X30"

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

25' 50' TYP

106 108 110 112 114 116 118

PAVEMENT GAP REQUIRED

CONSTRUCT ST ELIZABETH HOSPITAL ER PERMANENT ACCESS

ST ELIZABETH HOSPITAL ER EXIST TEMP ACCESS OPEN AT ALL TIMES PAVEMENT GAP REQUIRED

SIDEWALK CLOSED R9-9 24"X12"

ROAD CLOSED

60" X 36" NO ACCESS TO ONEIDA ST TYPE III BARRICADE PLACE AT MADISON ST INTERSECTION

ROAD CLOSED 500 FT W20-3-D

R11-3 60" X 30" ROAD CLOSED 0.1 MILES AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12"

PCMS

ROAD CLOSED AHEAD W20-3-A PLACE AT JEFFERSON ST INTERSECTION

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO FREMONT ST CLOSURE.

MESSAGE:	FREMONT ST CLOSED X-XX	PLAN ALT ROUTE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2A	SCALE, FEET 0 50 100	SHEET 208	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2A.DWG
LAYOUT NAME - 026001-S2A - 31
PLOT DATE : 7/11/2017 1:12 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO OLDE ONEIDA ST CLOSURE.

MESSAGE: OLDE ONEIDA ST CLOSED X-XX / PLAN ALT ROUTE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
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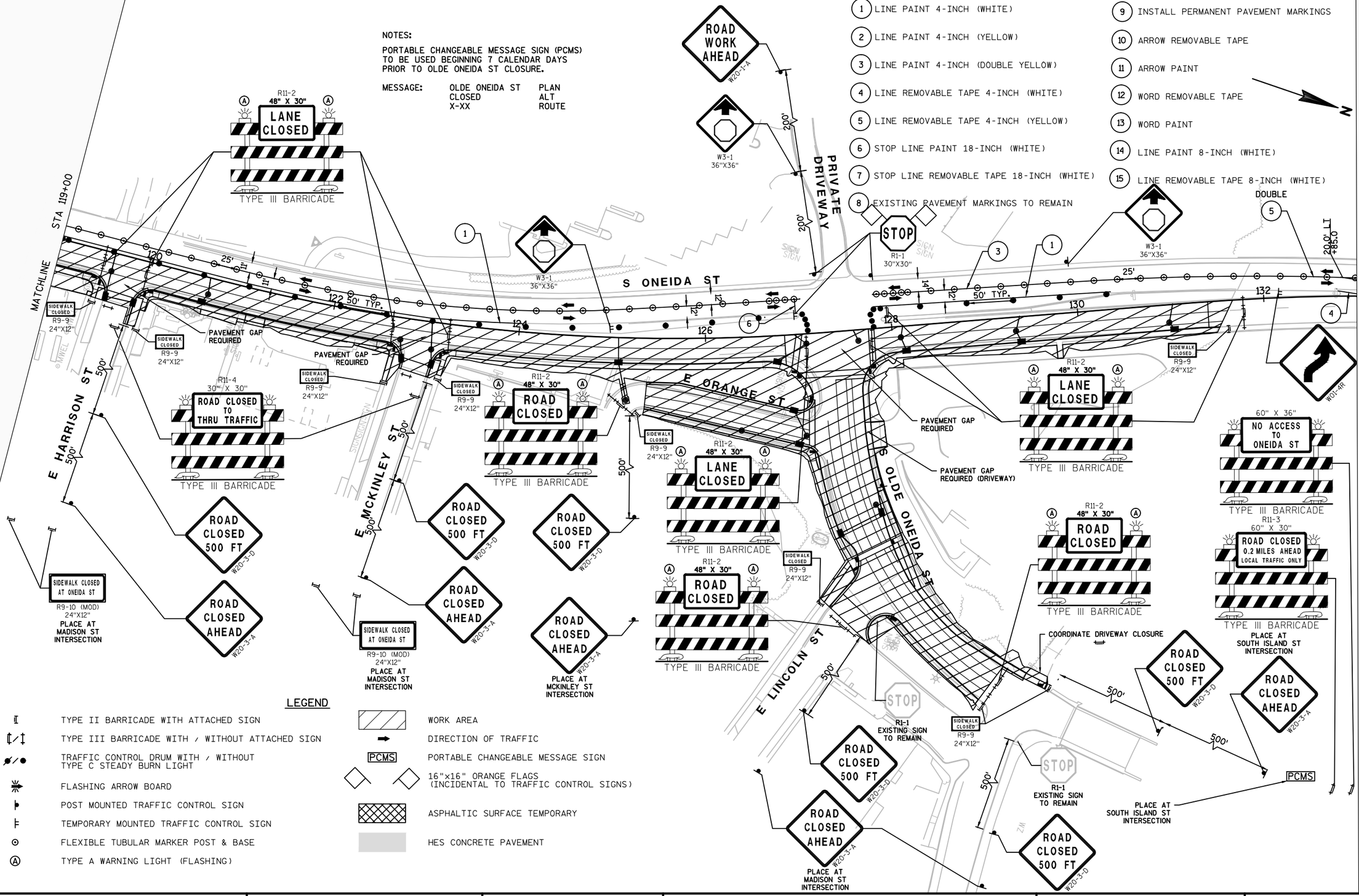
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)



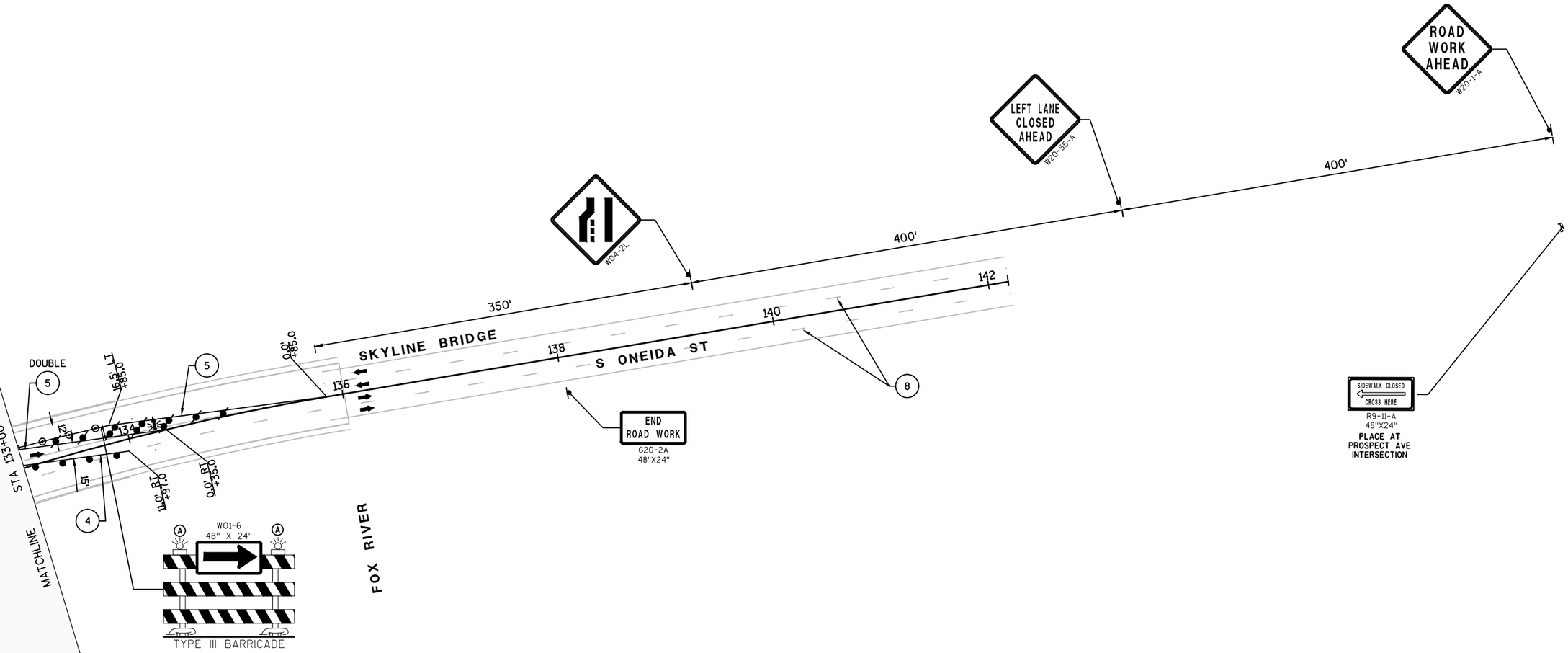
LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2A-2D	SCALE, FEET 0 50 100	SHEET 209	E

2

N



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
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4. LINE REMOVABLE TAPE 4-INCH (WHITE)
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11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

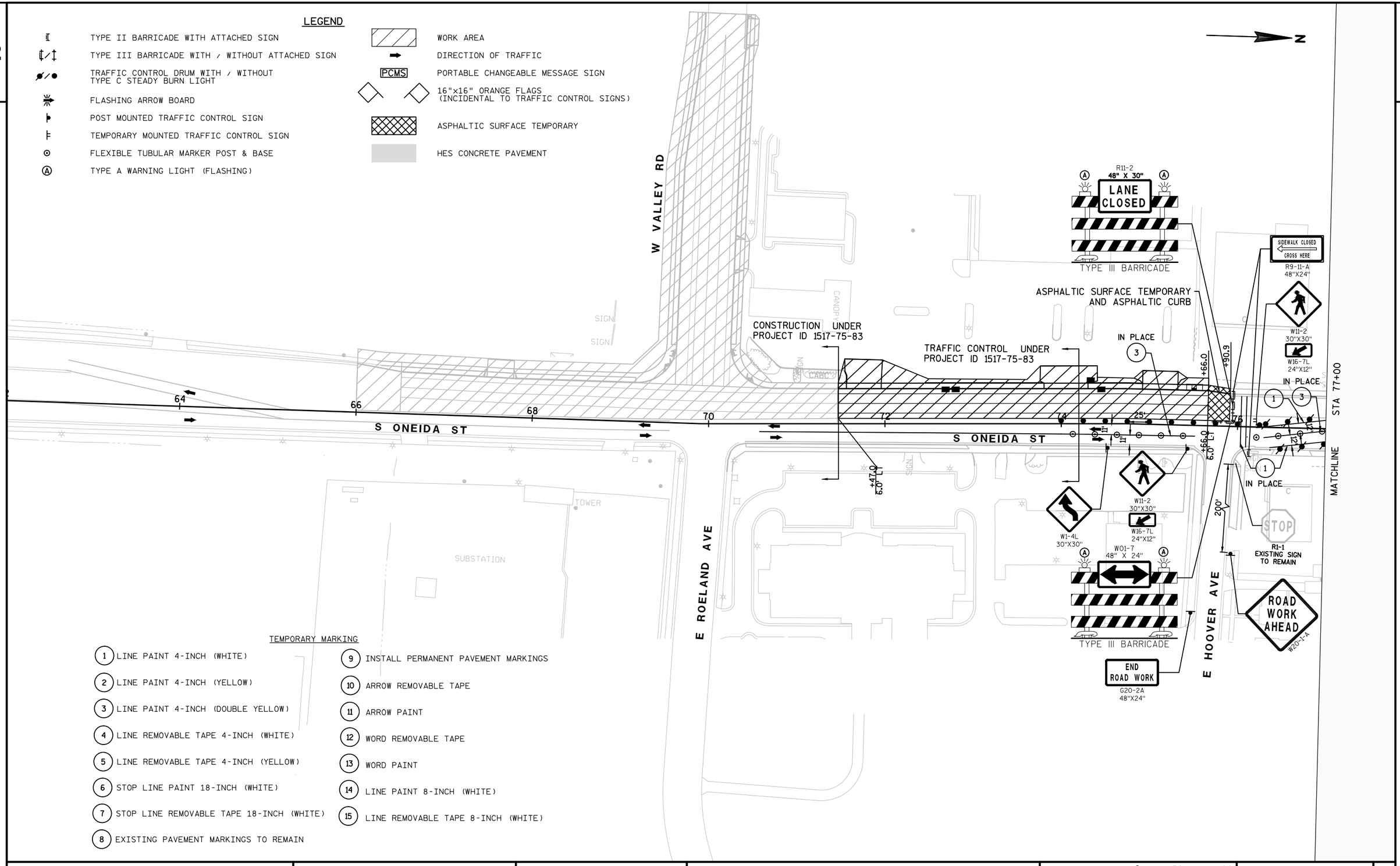
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2A-2F	SCALE, FEET 0 50 100	SHEET 210	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2A.DWG
LAYOUT NAME - 026001-S2A - 37

PLOT DATE : 7/11/2017 1:13 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2B	SCALE, FEET 0 50 100	SHEET 211	E

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

STA 77+00 — MATCHLINE — STA 91+00

W WILSON AVE — S ONEIDA ST — E TAFT AVE — E WILSON AVE — E HARDING DR — E MURRAY AVE

ROAD WORK AHEAD W20-1-A — END ROAD WORK G20-2A 48"X24" — 500' — 200'

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

W01-6 48" X 24" — TYPE III BARRICADE

W3-1 36"X36" — W1-4L 30"X30" — R1-1 30"X30" STOP — R1-1 EXISTING SIGN TO BE MOVED

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

IN PLACE (1) — IN PLACE (3) — PAVEMENT GAP REQUIRED

SIDEWALK CLOSED R9-9 24"X12"

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

SPEED LIMIT 30 — R2-1 EXISTING SIGN TO BE MOVED

ROAD CLOSED 500 FT W20-3-D

R11-3 60" X 30" ROAD CLOSED 0.1 MILES AHEAD LOCAL TRAFFIC ONLY — TYPE III BARRICADE — PLACE AT MADISON ST INTERSECTION

60" X 36" NO ACCESS TO ONEIDA ST — TYPE III BARRICADE — PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" — PLACE AT MADISON ST INTERSECTION

PCMS

ROAD CLOSED AHEAD W20-3-A — PLACE AT JEFFERSON ST INTERSECTION

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A — PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" — PLACE AT MADISON ST INTERSECTION

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED AHEAD W20-3-A — PLACE AT MADISON ST INTERSECTION

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" — PLACE AT MADISON ST INTERSECTION

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED AHEAD W20-3-A — PLACE AT MADISON ST INTERSECTION

50' TYP.

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO TAFT AVE CLOSURE.

MESSAGE: TAFT AVE CLOSED X-XX — PLAN ALT ROUTE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2B	SCALE, FEET 0 50 100	SHEET 212	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2B.DWG
LAYOUT NAME - 026001-S2B - 24

PLOT DATE : 7/11/2017 1:14 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

STA 105+00

MATCHLINE

S ONEIDA ST

W SEYMOUR ST

E FREMONT ST

STA 119+00

MATCHLINE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

W3-1 36"X36"

STOP R1-1 30"X30"

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

IN PLACE 3

IN PLACE 1

IN PLACE 6

IN PLACE 1

IN PLACE 3

6

7

25'

50' TYP.

11'

106 108 110 112 114 116 118

SIDEWALK CLOSED R9-9 24"X12"

TEMP CURB RAMP SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR DETAILS

PAVEMENT GAP REQUIRED

ST ELIZABETH HOSPITAL ER ACCESS OPEN AT ALL TIMES

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC TYPE III BARRICADE

ROAD CLOSED AHEAD W20-3-A

PRIVATE DRIVEWAY

CANOPY

DN

DN

PLACE AT MONROE ST INTERSECTION

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2B-2E	SCALE, FEET 0 50 100	SHEET 213	E

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

W VALLEY RD

CONSTRUCTION UNDER PROJECT ID 1517-75-83

TRAFFIC CONTROL UNDER PROJECT ID 1517-75-83

S ONEIDA ST

64 66 68 70 72

STA 77+00

MATCHLINE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

DOUBLE 4 5

3

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

PAVEMENT GAP REQUIRED

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

500'

E HOOVER AVE

ROAD CLOSED 500 FT W20-3-D

500'

ROAD CLOSED AHEAD W20-3-A

END ROAD WORK G20-2A 48"X24"

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

E ROELAND AVE

TOWER

SUBSTATION

CANOPY

SIGN

SIGN

CABC

C

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2C	SCALE, FEET 0 50 100	SHEET 214	E

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE STA 77+00

MATCHLINE STA 91+00

W WILSON AVE

S ONEIDA ST

E TAFT AVE

E WILSON AVE

E HARDING DR

E MURRAY AVE

ROAD WORK AHEAD W20-1-A

W3-1 36"X36"

500'

200'

END ROAD WORK G20-2A 48"X24"

R11-2 48" X 30" LANE CLOSED (A) TYPE III BARRICADE

STOP R1-1 EXISTING SIGN TO REMAIN

W1-4L 30"X30"

W3-1 36"X36"

STOP R1-1 30"X30"

W3-1 36"X36"

R11-2 48" X 30" LANE CLOSED (A) TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED (A) TYPE III BARRICADE

25'

50' TYP.

11'

12'

78 80 82 84 86 88 90

SPEED LIMIT 30 R2-1 EXISTING SIGN TO BE MOVED

SIDEWALK CLOSED R9-9 24"X12"

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

PAVEMENT GAP REQUIRED

PAVEMENT GAP REQUIRED (2 DRIVEWAYS)

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC TYPE III BARRICADE

ROAD CLOSED 500 FT W20-3-D

R11-2 48" X 30" LANE CLOSED (A) TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A PLACE AT MADISON ST INTERSECTION

R11-3 60" X 30" ROAD CLOSED 0.1 MILES AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE PLACE AT MADISON ST INTERSECTION

60" X 36" NO ACCESS TO ONEIDA ST TYPE III BARRICADE PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

ROAD CLOSED AHEAD W20-3-A PLACE AT JEFFERSON ST INTERSECTION

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC TYPE III BARRICADE

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

ROAD CLOSED AHEAD W20-3-A PLACE AT MADISON ST INTERSECTION

R11-2 48" X 30" ROAD CLOSED TYPE III BARRICADE

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

ROAD CLOSED AHEAD W20-3-A PLACE AT MADISON ST INTERSECTION

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2C-2E	SCALE, FEET 0 50 100	SHEET 215	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2C.DWG
LAYOUT NAME - 026001-S2C - 25

PLOT DATE : 7/11/2017 1:16 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

EB STH 441

WB STH 441

S ONEIDA ST

62

4

STA 64+00

MATCHLINE

+35.0

400'

400'

265'

ROAD WORK AHEAD W20-1-A

RIGHT LANE CLOSED AHEAD W20-5-A

W4-2R 36"X36"

ROAD WORK AHEAD W20-1-A

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2D-2F	SCALE, FEET 0 50 100	SHEET 216	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2D.DWG
LAYOUT NAME - 026001-S2D - 17

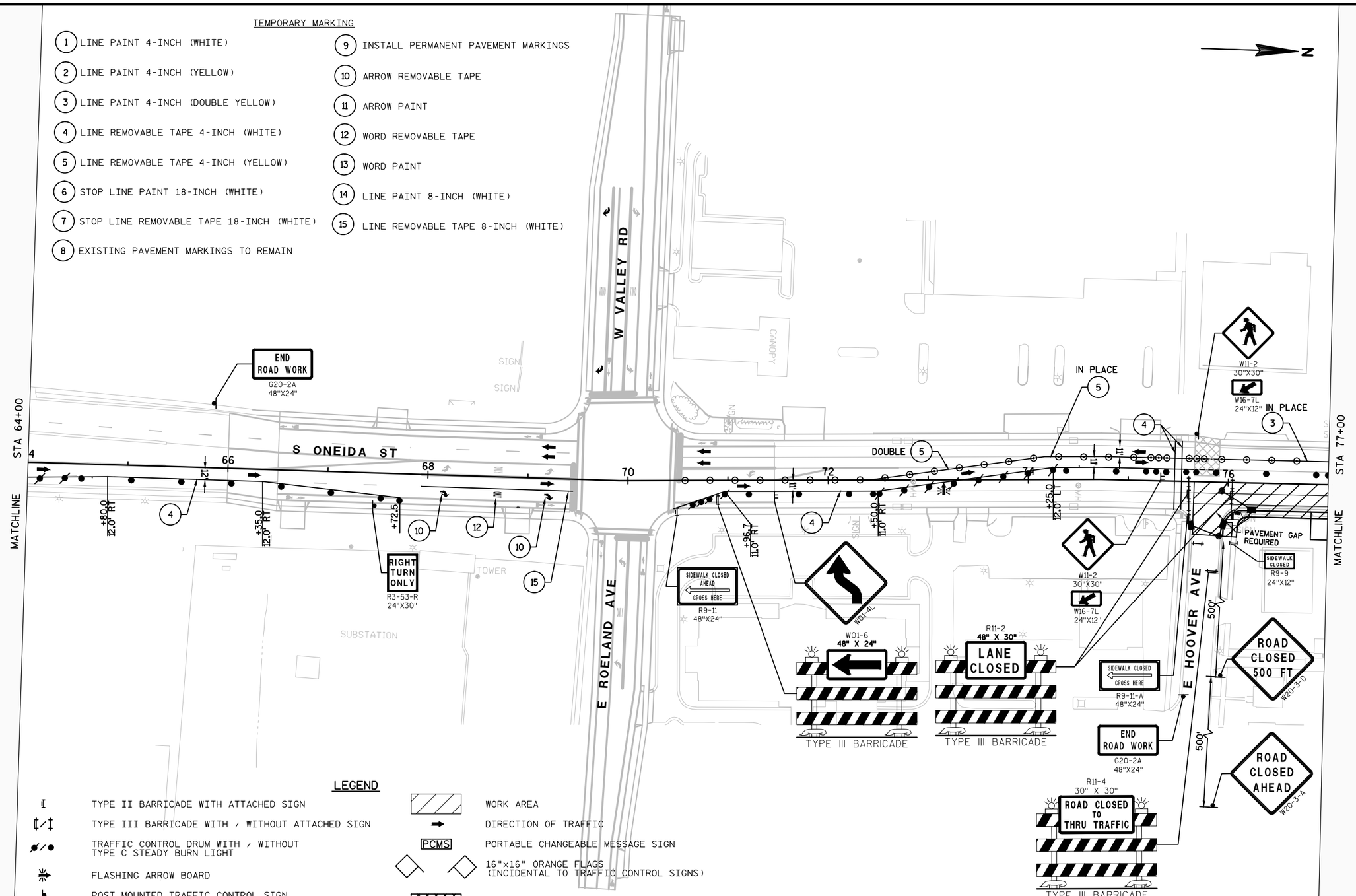
PLOT DATE : 7/11/2017 1:17 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)



LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 2D-2E	SCALE, FEET 0 50 100	SHEET 217	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2D.DWG
LAYOUT NAME - 026001-S2D - 21
PLOT DATE : 7/11/2017 1:17 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BUTTON
- R10-50 SIGNS MOUNTED ON SPAN WIRE

SIGNS R10-50 PLACED IN PREVIOUS STAGES TO REMAIN (TYP)

ROAD CLOSED 500 FT W20-3-D

END ROAD WORK G20-2A 48"X24"

SEE CALUMET ST DETOUR PLAN FOR ADVANCED WARNING SIGNS

W01-7 48" X 24"

TYPE III BARRICADE

R11-2 48" X 30" LANE CLOSED

TYPE III BARRICADE

TEMP. TRAFFIC SIGNAL SPAN WIRE

PEDESTRIAN PUSH BUTTON LOCATION (TYP)

SIGNS R10-3E PLACED IN PREVIOUS STAGES TO REMAIN

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

W CALUMET ST

S ONEIDA ST

W FOSTER ST

STA 91+00

STA 105+00

MATCHLINE

SPEED LIMIT 30 R2-1 EXISTING SIGN TO REMAIN

BEGIN LEFT TURN LANE R3-20-LL 24"X36"

IN PLACE (1) (3)

+45.0 13.0' LT

+25.0 6.0' LT

+60.4 31.4' LT

+28.6 18.2' LT

SIDEWALK CLOSED R9-9 24"X12"

PAVEMENT GAP REQUIRED

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

E COOLIDGE AVE

E CALUMET ST

PAVEMENT GAP REQUIRED (DRIVEWAY)

R11-2 48" X 30" LANE CLOSED

TYPE III BARRICADE

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

SPEED LIMIT 30 R2-1 EXISTING SIGN TO BE MOVED

PAVEMENT GAP REQUIRED

END ROAD WORK G20-2A 48"X24"

RAMLEN CT

STOP R1-1 EXISTING SIGN TO REMAIN

ROAD WORK AHEAD W20-1-A

ROAD CLOSED AHEAD W20-3-A

END ROAD WORK G20-2A 48"X24" PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

MATCHLINE STA 216+00

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2E	SCALE, FEET 0 50 100	SHEET 218	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2E.DWG
LAYOUT NAME - 026001-S2E - 28

PLOT DATE : 7/11/2017 1:18 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

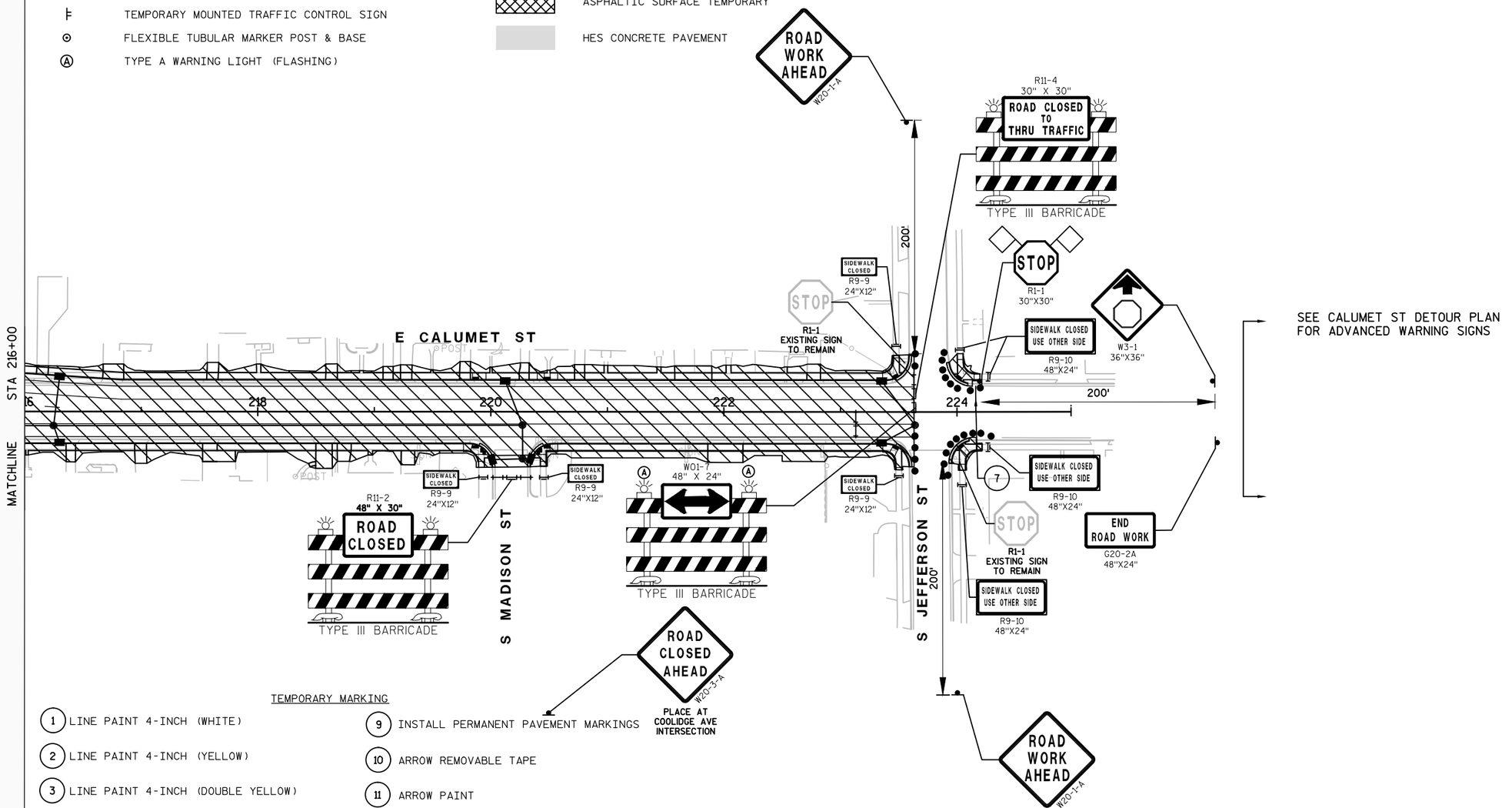
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2E	SCALE, FEET 0 50 100	SHEET 219	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2E-CALUMET.DWG
LAYOUT NAME - 026001-S2E-CALUMET - 29
PLOT DATE : 7/11/2017 1:19 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

STA 119+25

MATCHLINE

STA 133+00

MATCHLINE

S ONEIDA ST

E ORANGE ST

E HARRISON ST

E MCKINLEY ST

S OLDE ONEIDA ST

E LINCOLN ST

PRIVATE DRIVEWAY

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

W20-1-A ROAD WORK AHEAD

W3-1 36"X36"

W01-6 48" X 24"

R1-1 30"X30" STOP

IN PLACE 1

IN PLACE 3

IN PLACE 6

IN PLACE 5

50' TYP

20' LT

485.0

PAVEMENT GAP REQUIRED

SIDEWALK CLOSED R9-9 24"X12"

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

R9-11-A SIZE

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED AHEAD W20-3-A

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MADISON ST INTERSECTION

SIDEWALK CLOSED AT ONEIDA ST R9-10 (MOD) 24"X12" PLACE AT MCKINLEY ST INTERSECTION

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

COMPLETE FINAL PAVEMENT MARKINGS ON S OLDE ONEIDA STREET PRIOR TO OPENING TO TRAFFIC

W01-4R

ROAD WORK AHEAD W20-1-A

STOP R1-1 EXISTING SIGN TO REMAIN

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2E	SCALE, FEET 0 50 100	SHEET 220	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2E.DWG
LAYOUT NAME - 026001-S2E - 35

PLOT DATE : 7/11/2017 1:20 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

W VALLEY RD

END ROAD WORK
G20-2A
48"X24"

STA 64+00

MATCHLINE

S ONEIDA ST

66 68 70 72 74 76

+35.0 12.0 RT

+72.5

+07.0 12.0 RT

+32.0 27.5 RT

50' TYP.

IN PLACE

TEMP PAVEMENT MARKINGS IN PLACE

RIGHT TURN ONLY
R3-53-R
24"X30"

SUBSTATION

E ROELAND AVE

W01-4R

W01-6
48" X 24"

TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED

TYPE III BARRICADE

DOUBLE

STA 77+00

MATCHLINE

E HOOVER AVE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1-A

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2F	SCALE, FEET 0 50 100	SHEET 221	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2F.DWG
LAYOUT NAME - 026001-S2F - 22

PLOT DATE : 7/11/2017 1:21 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE

STA 77+00

STA 91+00

MATCHLINE

W WILSON AVE

E WILSON AVE

E TAFT AVE

E HARDING DR

E MURRAY AVE

200' TYP.

50' TYP.

11'

12'

78 80 82 84 86 88 90

+15.00

0.00

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

IN PLACE 3

STOP EXISTING SIGN TO REMAIN

STOP R1-1 30"X30"

5 DOUBLE

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

W3-1 36"X36"

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

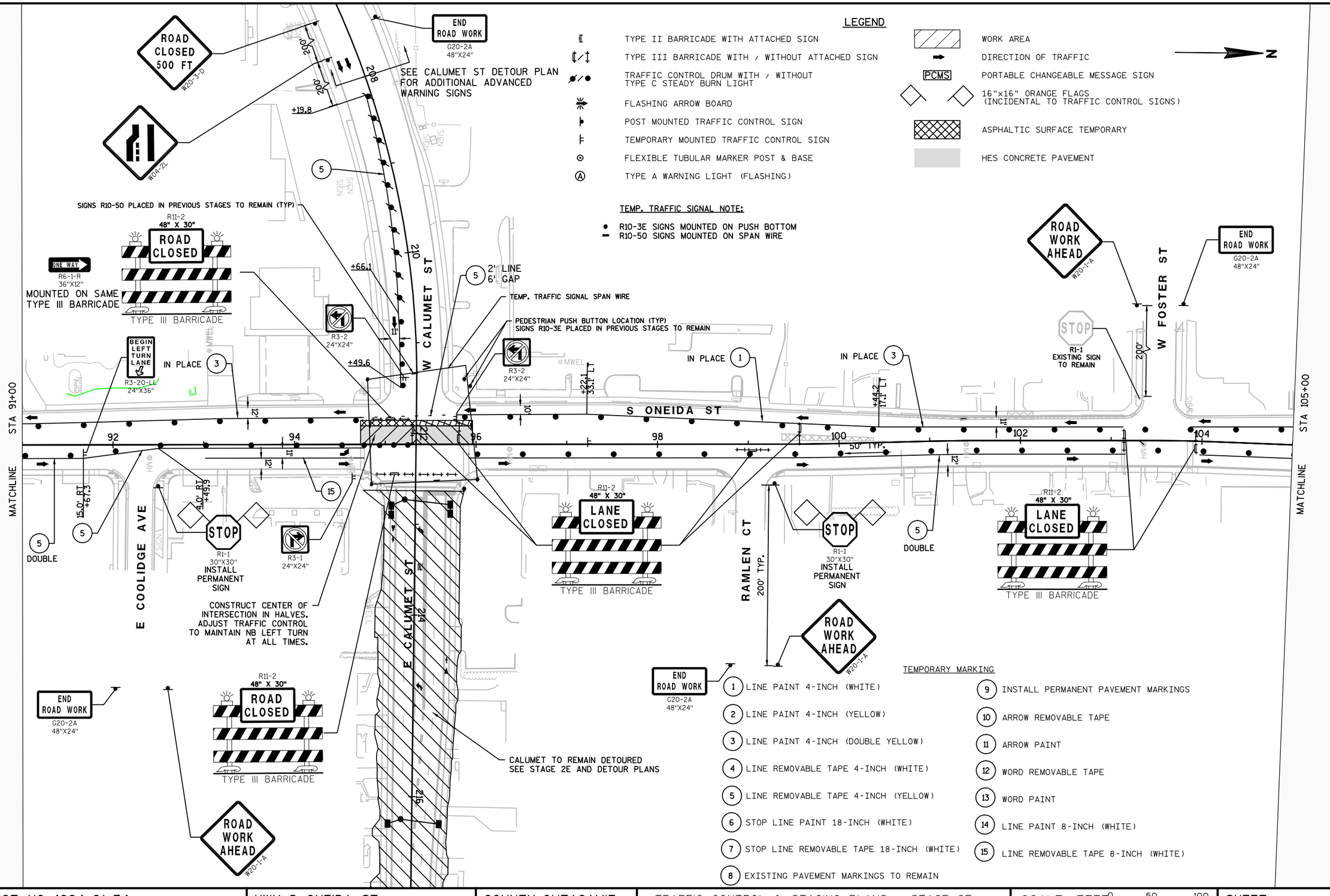
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2F	SCALE, FEET 0 50 100	SHEET 222	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2F.DWG
LAYOUT NAME - 026001-S2F - 26

PLOT DATE : 7/11/2017 1:21 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)

- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BOTTOM
- R10-50 SIGNS MOUNTED ON SPAN WIRE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2F	SCALE, FEET 0 50 100	SHEET 223	E

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

STA 105+00

MATCHLINE

W SEYMOUR ST

ROAD WORK AHEAD W20-1-A

W3-1 36"X36"

END ROAD WORK G20-2A 48"X24"

3 IN PLACE

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

STOP R1-1 30"X30"

11' 12' 50' TYP

106 108 110 112 114 116 118

5 DOUBLE

PRIVATE DRIVEWAY

E FREMONT ST

200' TYP.

STA 119+25

MATCHLINE

LEGEND

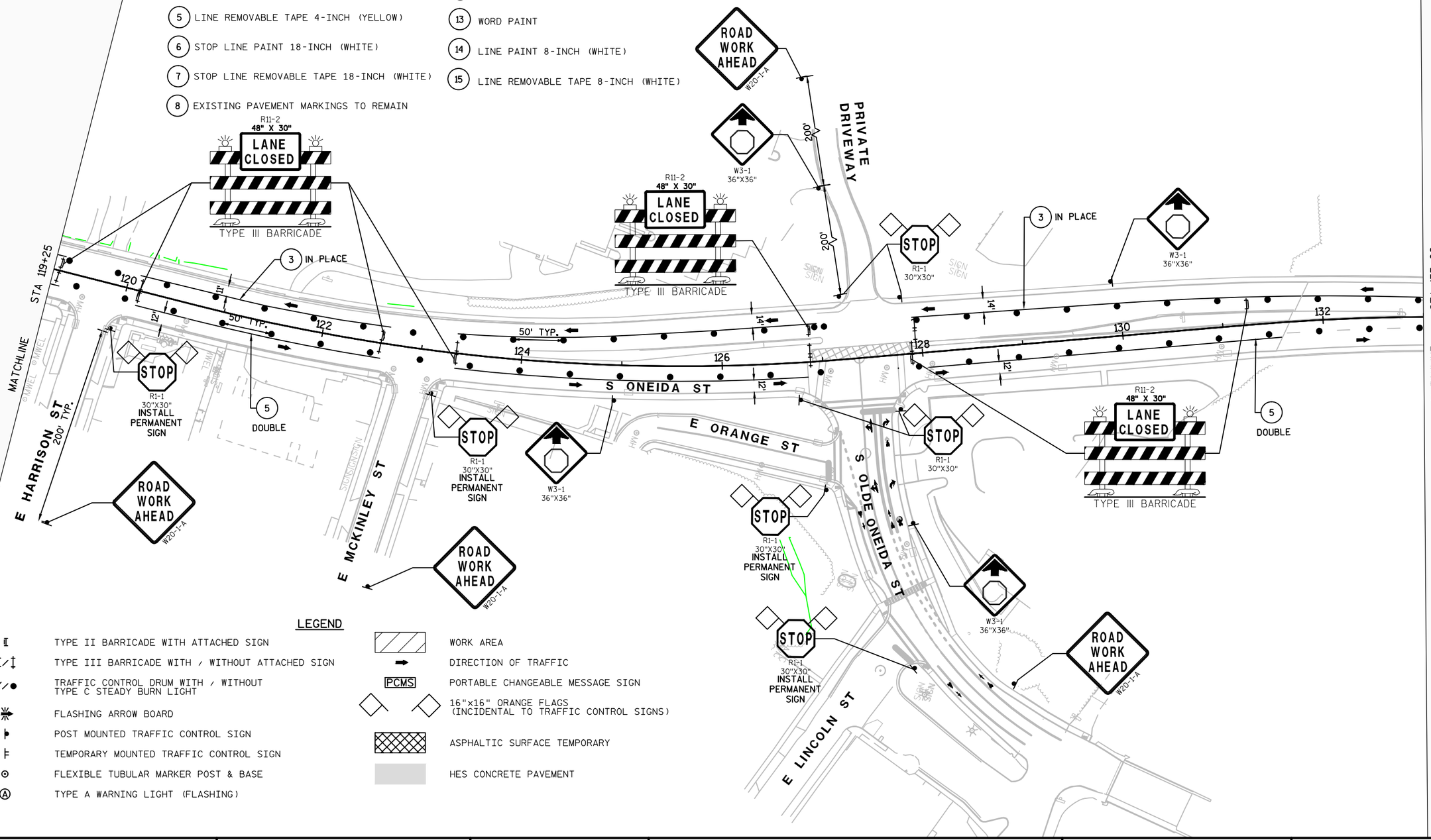
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2F	SCALE, FEET 0 50 100	SHEET 224	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2F.DWG
LAYOUT NAME - 026001-S2F - 33
PLOT DATE : 7/11/2017 1:22 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)



LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2F	SCALE, FEET 0 50 100	SHEET 225	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2F.DWG
LAYOUT NAME - 026001-S2F - 36

PLOT DATE : 7/11/2017 1:22 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

STA 77+00

MATCHLINE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

STOP — EXISTING SIGN TO REMAIN

200' TYP.

W WILSON AVE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

STA 91+00

MATCHLINE

11' 50' TYP. 11' 50' TYP.

78 80 82 84 86 88

12' 12'

+15.0 0.00

STOP R1-1 30"X30"

E TAFT AVE

200' TYP.

END ROAD WORK G20-2A 48"X24"

W3-1 36"X36"

ROAD WORK AHEAD W20-1-A

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

E WILSON AVE

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

E HARDING DR

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

E MURRAY AVE

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMP PAVEMENT MARKINGS ON THIS SHEET IN PLACE

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2G	SCALE, FEET 0 50 100	SHEET 226	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2G.DWG
LAYOUT NAME - 026001-S2G - 26
PLOT DATE : 7/11/2017 1:23 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BUTTON
- R10-50 SIGNS MOUNTED ON SPAN WIRE

ROAD WORK AHEAD W20-1-A

SIGNS R10-50 PLACED IN PREVIOUS STAGES TO REMAIN (TYP)

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

TEMP. TRAFFIC SIGNAL SPAN WIRE

PEDESTRIAN PUSH BUTTON LOCATION (TYP)
SIGNS R10-3E PLACED IN PREVIOUS STAGES TO REMAIN

W CALUMET ST

STA 91+00

STA 105+00

MATCHLINE

MATCHLINE

S ONEIDA ST

W FOSTER ST

E COOLIDGE AVE

E CALUMET ST

RAMLEN CT

BEGIN LEFT TURN LANE R3-20-LL 24"X36"

COVER PLATE REQ'D

IN PLACE

2' LINE 6' GAP

+31.1 23.9' LT

+44.2 17.1' LT

50' TYP.

200'

200' TYP.

15.0' RT +67.3

4.0' RT +49.9

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

R1-1 EXISTING SIGN TO REMAIN

COMPLETE FINAL PAVEMENT MARKINGS ON CALUMET ST PRIOR TO OPENING TO TRAFFIC

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 2G	SCALE, FEET 0 50 100	SHEET 227	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S2G.DWG
LAYOUT NAME - 026001-S2G - 30

PLOT DATE : 7/11/2017 1:24 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

EB STH 441

WB STH 441

S ONEIDA ST

SIGN

62

4

MATCHLINE STA 64+00

400'

400'

265'

ROAD WORK AHEAD W20-1-A

RIGHT LANE CLOSED AHEAD W20-5-A

W4-2R 36"X36"

ROAD WORK AHEAD W20-1-A

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 3A-3C	SCALE, FEET 0 50 100	SHEET 228	E

2

N

W VALLEY RD

STA 64+00

STA 77+00

MATCHLINE

MATCHLINE

END ROAD WORK
G20-2A
48"X24"

SIDEWALK CLOSED CROSS HERE
R9-11-A
48"X24"

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PAVEMENT GAP REQUIRED (2 DRIVEWAYS)
W01-4R

SIDEWALK CLOSED
R9-9
24"X12"

S ONEIDA ST

66 68 70 72 74 76

+35.0 12.0' RT
+35.0 12.0' RT
+72.5
+07.0 12.0' RT
+12.0' LT +10.5
+28.1 15.0' RT
+20.0 15.0' RT

4 IN PLACE
15 IN PLACE
4
5
4
5 DOUBLE IN PLACE

RIGHT TURN ONLY
R3-53-R
24"X30"

TOWER

SUBSTATION

W01-4R
W01-6
48" X 24"
TYPE III BARRICADE

STOP
R1-1
30"X30"
INSTALL PERMANENT SIGN

E HOOVER AVE

E ROELAND AVE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1-A

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 3A-3C	SCALE, FEET 0 50 100	SHEET 229	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A.DWG
LAYOUT NAME - 026001-S3A - 39
PLOT DATE : 7/11/2017 1:25 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO WILSON AVE CLOSURE.

MESSAGE: WILSON AVE CLOSED X-XX / PLAN ALT ROUTE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

60" X 36" NO ACCESS TO ONEIDA ST — TYPE III BARRICADE — PLACE AT SOUTHWOOD DR INTERSECTION

PCMS — PLACE AT SOUTHWOOD DR INTERSECTION

R11-3 60" X 30" ROAD CLOSED 0.4 MILES AHEAD LOCAL TRAFFIC ONLY — TYPE III BARRICADE — PLACE AT SOUTHWOOD DR INTERSECTION

ROAD CLOSED AHEAD W20-3-A

ROAD CLOSED 500 FT W20-3-D

500' W WILSON AVE 500'

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

PAVEMENT GAP REQUIRED (2 DRIVEWAYS)

STOP R1-1 30"X30"

W3-1 36"X36"

PAVEMENT GAP REQUIRED (2 DRIVEWAYS)

PAVEMENT GAP REQUIRED

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

W01-7 48" X 24" — TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

W01-7 48" X 24" — TYPE III BARRICADE

PAVEMENT GAP REQUIRED (2 DRIVEWAYS)

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

PAVEMENT GAP REQUIRED (DRIVEWAY)

STA 77+00

STA 91+00

MATCHLINE

MATCHLINE

S ONEIDA ST

78 80 82 84 86 88 90

50' 25' 12' 11' 12' 11' 25' 50'

5 DOUBLE IN PLACE

W3-1 36"X36"

STOP R1-1 30"X30"

5 DOUBLE IN PLACE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

5 DOUBLE IN PLACE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

5 DOUBLE IN PLACE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

ROAD WORK AHEAD W20-1-A

E TAFT AVE

E WILSON AVE

E HARDING DR

E MURRAY AVE

W01-7 48" X 24" — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

W3-1 36"X36"

ROAD WORK AHEAD W20-1-A

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3A-3C	SCALE, FEET 0 50 100	SHEET 230	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A.DWG
LAYOUT NAME - 026001-S3A - 40

PLOT DATE : 7/11/2017 1:25 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

N

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO FOSTER ST CLOSURE.

MESSAGE: FOSTER ST CLOSED X-XX | PLAN ALT ROUTE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

MATCHLINE STA 91+00

MATCHLINE STA 210+00

W CA

W01-4L

PAVEMENT GAP REQUIRED (DRIVEWAY)

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

W01-7 48" X 24" — TYPE III BARRICADE

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

PAVEMENT GAP REQUIRED (DRIVEWAY)

4 2' LINE 6' GAP

PLACE AT WILKIE ST INTERSECTION — PCMS

ROAD CLOSED AHEAD W20-3-A

ROAD CLOSED 500 FT W20-3-D

500'

R11-3 60" X 30" ROAD CLOSED 0.3 MILES AHEAD LOCAL TRAFFIC ONLY — TYPE III BARRICADE

PLACE AT WILKIE ST INTERSECTION

60" X 36" NO ACCESS TO ONEIDA ST — TYPE III BARRICADE

PLACE AT WILKIE ST INTERSECTION

R11-4 30" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

PAVEMENT GAP REQUIRED

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

W FOSTER ST

END ROAD WORK G20-2A 48"X24"

SIDEWALK CLOSED R9-9 24"X12"

STA 105+00

MATCHLINE

92 94 96 98 100 102 104

50' TYP

S ONEIDA ST

+67.3 15.0' RT — 5 IN PLACE

+50.0 4.0' RT — 5 STOP R1-1 30"X30" INSTALL PERMANENT SIGN

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

+89.1 4.0' RT — +15.9 8.0' LT — 5 DOUBLE IN PLACE — 15

7

PEDESTRIAN PUSH BUTTON LOCATION (TYP) SIGNS R10-3E PLACED IN PREVIOUS STAGES TO REMAIN

PAVEMENT GAP REQUIRED (INTERSECTION AND DRIVEWAY)

END ROAD WORK G20-2A 48"X24"

RAMLEN CT +00.0 4.0' RT — 5 STOP R1-1 30"X30" INSTALL PERMANENT SIGN

5 DOUBLE IN PLACE

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

TEMP. TRAFFIC SIGNAL SPAN WIRE

SIGNS R10-50 PLACED IN PREVIOUS STAGES TO REMAIN (TYP)

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

E CALUMET ST

214

216

SEE CALUMET ST DETOUR PLAN FOR ADVANCED WARNING SIGNS

TEMP. TRAFFIC SIGNAL NOTE:

- ● R10-3E SIGNS MOUNTED ON PUSH BUTTON
- ▬ R10-50 SIGNS MOUNTED ON SPAN WIRE

LEGEND

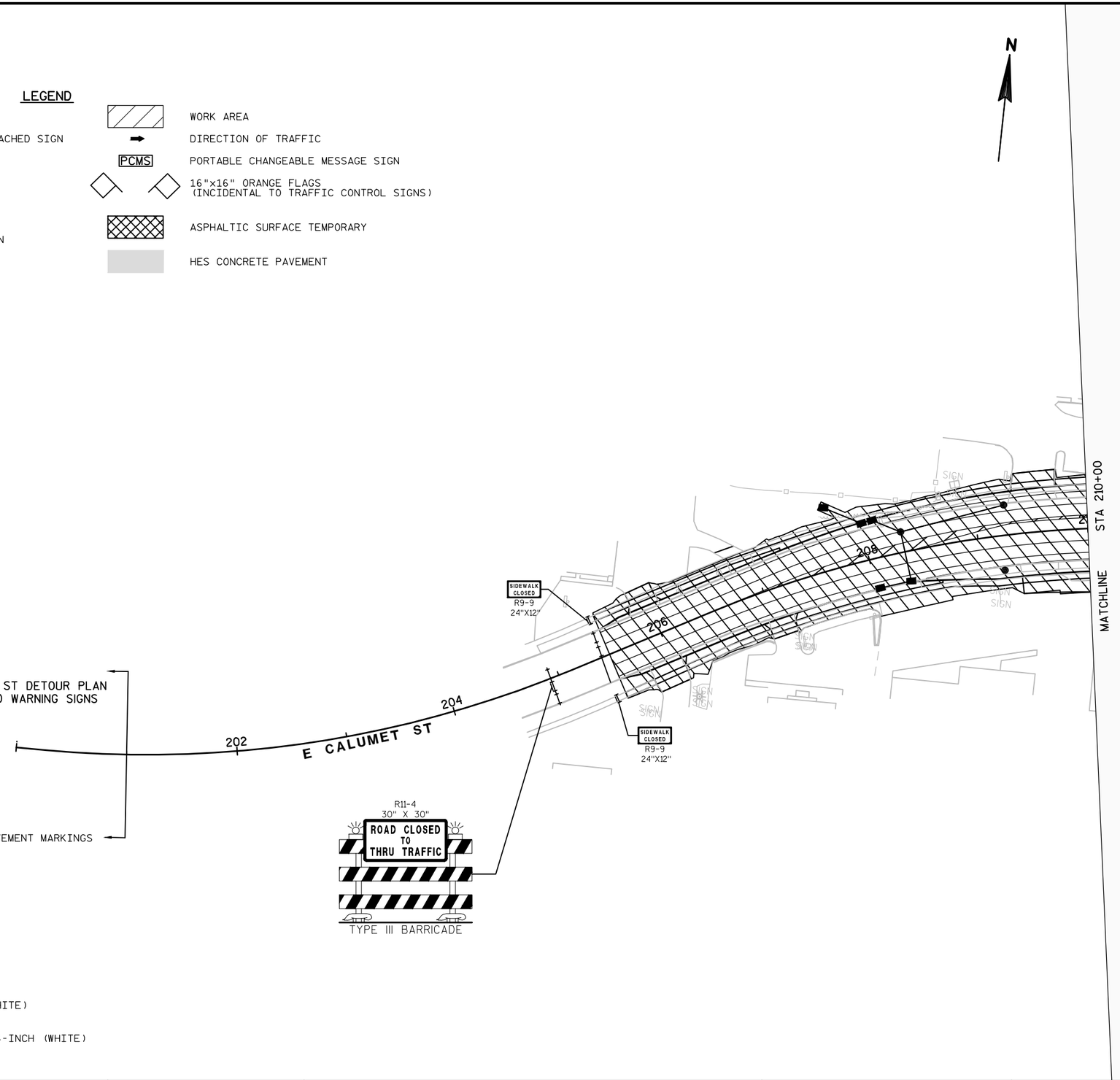
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3A	SCALE, FEET 0 50 100	SHEET 231	E

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3A	SCALE, FEET 0 50 100	SHEET 232	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A-CALUMET.DWG
LAYOUT NAME - 026001-S3A-CALUMET - 43
PLOT DATE : 7/11/2017 1:27 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PEMENT

N

ROAD WORK AHEAD W20-1-A

W3-1 36"X36"

END ROAD WORK G20-2A 48"X24"

W SEYMOUR ST

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

PAVEMENT GAP REQUIRED

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

PAVEMENT GAPS REQUIRED (2 DRIVEWAYS)

STA 105+00

MATCHLINE

S ONEIDA ST

106 25' 50' TYP 108 110 12' 11' 114 116 118 25' 50'

5 DOUBLE IN PLACE

STOP R1-1 30"X30"

PRIVATE DRIVEWAY

PAVEMENT GAP REQUIRED (DRIVEWAY)

W01-7 48" X 24"

R11-2 48" X 30" ROAD CLOSED TYPE III BARRICADE

STA 119+25

E FREMONT ST

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3A	SCALE, FEET 0 50 100	SHEET 233	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A.DWG
LAYOUT NAME - 026001-S3A - 46

PLOT DATE : 7/11/2017 1:28 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

STA 119+25

MATCHLINE

W01-7 48" X 24" — TYPE III BARRICADE

ROAD WORK AHEAD W20-1-A

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

PRIVATE DRIVEWAY

PAVEMENT GAP REQUIRED

R11-2 48" X 30" LANE CLOSED — TYPE III BARRICADE

SIDEWALK CLOSED R9-9 24"X12"

STA 133+00

MATCHLINE

S ONEIDA ST

E HARRISON ST

E MCKINLEY ST

E ORANGE ST

E LINCOLN ST

S OLDE ONEIDA ST

DOUBLE IN PLACE (5)

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

W01-7 48" X 24" — TYPE III BARRICADE

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

STOP R1-1 30"X30"

DOUBLE IN PLACE (5)

W3-1 36"X36"

W3-1 36"X36"

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

STOP

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

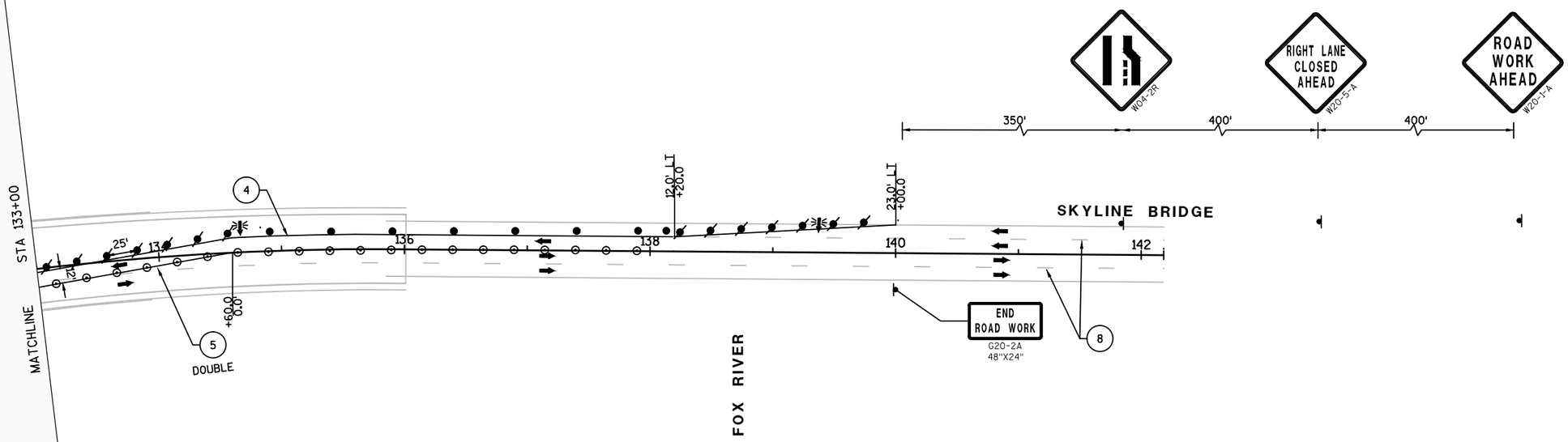
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 3A-3C	SCALE, FEET 0 50 100	SHEET 234	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A.DWG
LAYOUT NAME - 026001-S3A - 50
PLOT DATE : 7/11/2017 1:28 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT



TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 3A-3C	SCALE, FEET 0 50 100	SHEET 235	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3A.DWG
LAYOUT NAME - 026001-S3A - 51
PLOT DATE : 7/11/2017 1:29 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

W CALUMET ST

208

210

212

214

216

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

W01-4L

4 2' LINE 6' GAP IN PLACE

4 IN PLACE

ROAD CLOSED AHEAD W20-3-A

ROAD CLOSED 500 FT W20-3-D

500'

R11-3 60" X 30" ROAD CLOSED 0.3 MILES AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE PLACE AT WILKIE ST INTERSECTION

60" X 36" NO ACCESS TO ONEIDA ST TYPE III BARRICADE PLACE AT WILKIE ST INTERSECTION

R11-2 48" X 30" ROAD CLOSED TYPE III BARRICADE

W FOSTER ST

PAVEMENT GAP REQUIRED

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

SIDEWALK CLOSED R9-9 24"X12"

STA 91+00

STA 105+00

MATCHLINE

MATCHLINE

92 94 96 98 100 102 104

50' TYP

S ONEIDA ST

E CALUMET ST

RAMLEN CT

5 DOUBLE IN PLACE

7 IN PLACE

15 IN PLACE

10 12 10

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

TEMP. TRAFFIC SIGNAL SPAN WIRE

PEDESTRIAN PUSH BUTTON LOCATION (TYP) SIGNS R10-3E PLACED IN PREVIOUS STAGES TO REMAIN

SIGNS R10-50 PLACED IN PREVIOUS STAGES TO REMAIN (TYP)

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1-A

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BUTTON
- R10-50 SIGNS MOUNTED ON SPAN WIRE

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGES 3B-3C	SCALE, FEET 0 50 100	SHEET 236	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3B.DWG
LAYOUT NAME - 026001-S3B - 44

PLOT DATE : 7/11/2017 1:30 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

R11-3
60" X 30"
ROAD CLOSED
0.3 MILES AHEAD
LOCAL TRAFFIC ONLY
TYPE III BARRICADE
PLACE AT WILKIE ST INTERSECTION

60" X 36"
NO ACCESS TO ONEIDA ST
TYPE III BARRICADE
PLACE AT WILKIE ST INTERSECTION

ROAD CLOSED AHEAD
W20-3-A

ROAD CLOSED 500 FT
W20-3-D

SIDEWALK CLOSED
R9-9
24"X12"

PCMS
PLACE AT WILKIE ST INTERSECTION

END ROAD WORK
G20-2A
48"X24"

R11-4
30" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

W SEYMOUR ST

500'

500'

PAVEMENT GAP REQUIRED

TEMP CURB RAMP, SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR OTHER DETAILS

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO SEYMOUR ST CLOSURE.

MESSAGE:	SEYMOUR ST CLOSED X-XX	PLAN ALT ROUTE

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

W01-7
48" X 24"
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

STA 105+00

STA 119+25

MATCHLINE

MATCHLINE

S ONEIDA ST

S ONEIDA ST

106 108 110 114 116 118

25' 12' 11' 11' 25'

4 4

5 DOUBLE

7

STOP R1-1 30"X30"

W3-1 36"X36"

5 DOUBLE

STOP R1-1 30"X30"

W3-1 36"X36"

STOP R1-1 30"X30"

W3-1 36"X36"

STOP R1-1 30"X30"

W3-1 36"X36"

PRIVATE DRIVEWAY

W3-1 36"X36"

E FREMONT ST

W3-1 36"X36"

ROAD WORK AHEAD
W20-1-A

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3B	SCALE, FEET 0 50 100	SHEET 237	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3B.DWG
LAYOUT NAME - 026001-S3B - 47

PLOT DATE : 7/11/2017 1:30 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

ROAD WORK AHEAD W20-1-A

W3-1 36"X36"

END ROAD WORK G20-2A 48"X24"

SIDEWALK CLOSED CROSS HERE R9-11-A 48"X24"

R11-2 48" X 30" LANE CLOSED TYPE III BARRICADE

W01-7 48" X 24" TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED TYPE III BARRICADE

W SEYMOUR ST

STA 105+00

STA 119+25

MATCHLINE

S ONEIDA ST

E FREMONT ST

PRIVATE DRIVEWAY

STOP R1-1 30"X30"

DOUBLE

50' TYP

25'

12'

106 108 110 112 114 116 118

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3C	SCALE, FEET 0 50 100	SHEET 238	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3C.DWG
LAYOUT NAME - 026001-S3C - 48

PLOT DATE : 7/11/2017 1:31 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

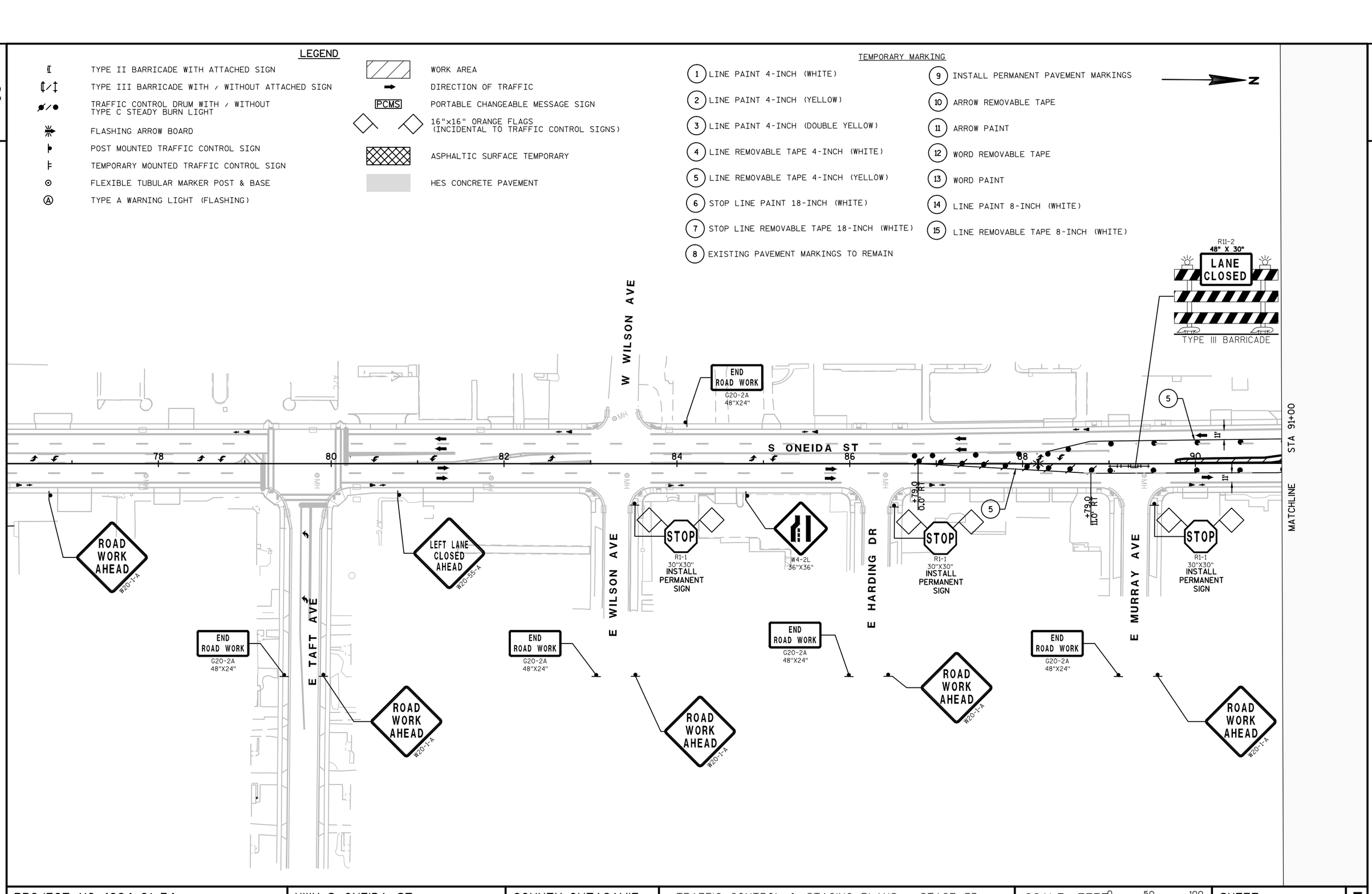
LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3D	SCALE, FEET 0 50 100	SHEET 239	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3D.DWG
LAYOUT NAME - 026001-S3D - 41

PLOT DATE : 7/11/2017 1:32 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

N

TEMP. TRAFFIC SIGNAL NOTE:

- R10-3E SIGNS MOUNTED ON PUSH BUTTON
- R10-50 SIGNS MOUNTED ON SPAN WIRE

STA 91+00

MATCHLINE

W CALUMET ST

E CALUMET ST

S ONEIDA ST

RAMLEN CT

W FOSTER ST

STA 105+00

MATCHLINE

ROAD WORK AHEAD W20-1-A

END ROAD WORK G20-2A 48"X24"

R11-2 48" X 30" LANE CLOSED

TYPE III BARRICADE

STOP R1-1 30"X30" INSTALL PERMANENT SIGN

W4-2L 36"X36"

PEDESTRIAN PUSH BUTTON LOCATION (TYP)
SIGNS R10-3E PLACED IN PREVIOUS STAGES TO REMAIN

TEMP. TRAFFIC SIGNAL SPAN WIRE
SIGNS R10-50 PLACED IN PREVIOUS STAGES TO REMAIN (TYP)

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3D	SCALE, FEET 0 50 100	SHEET 240	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3D.DWG
LAYOUT NAME - 026001-S3D - 45

PLOT DATE : 7/11/2017 1:32 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE WITH / WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH / WITHOUT TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- POST MOUNTED TRAFFIC CONTROL SIGN
- TEMPORARY MOUNTED TRAFFIC CONTROL SIGN
- FLEXIBLE TUBULAR MARKER POST & BASE
- (A) TYPE A WARNING LIGHT (FLASHING)
- WORK AREA
- DIRECTION OF TRAFFIC
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- 16"x16" ORANGE FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)
- ASPHALTIC SURFACE TEMPORARY
- HES CONCRETE PAVEMENT

N

MATCHLINE STA 105+00

LEFT LANE CLOSED AHEAD W20-5S-A

ROAD WORK AHEAD W20-1-A

W SEYMOUR ST

S ONEIDA ST

106 108 110 112 114 116 118

PRIVATE DRIVEWAY

E FREMONT ST

E HARRISON ST

TEMPORARY MARKING

1. LINE PAINT 4-INCH (WHITE)
2. LINE PAINT 4-INCH (YELLOW)
3. LINE PAINT 4-INCH (DOUBLE YELLOW)
4. LINE REMOVABLE TAPE 4-INCH (WHITE)
5. LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. STOP LINE PAINT 18-INCH (WHITE)
7. STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
8. EXISTING PAVEMENT MARKINGS TO REMAIN
9. INSTALL PERMANENT PAVEMENT MARKINGS
10. ARROW REMOVABLE TAPE
11. ARROW PAINT
12. WORD REMOVABLE TAPE
13. WORD PAINT
14. LINE PAINT 8-INCH (WHITE)
15. LINE REMOVABLE TAPE 8-INCH (WHITE)

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	TRAFFIC CONTROL & STAGING PLANS - STAGE 3D	SCALE, FEET 0 50 100	SHEET 241	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\STAGING\026001-S3D.DWG
LAYOUT NAME - 026001-S3D - 49
PLOT DATE : 7/11/2017 1:32 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:100 FT

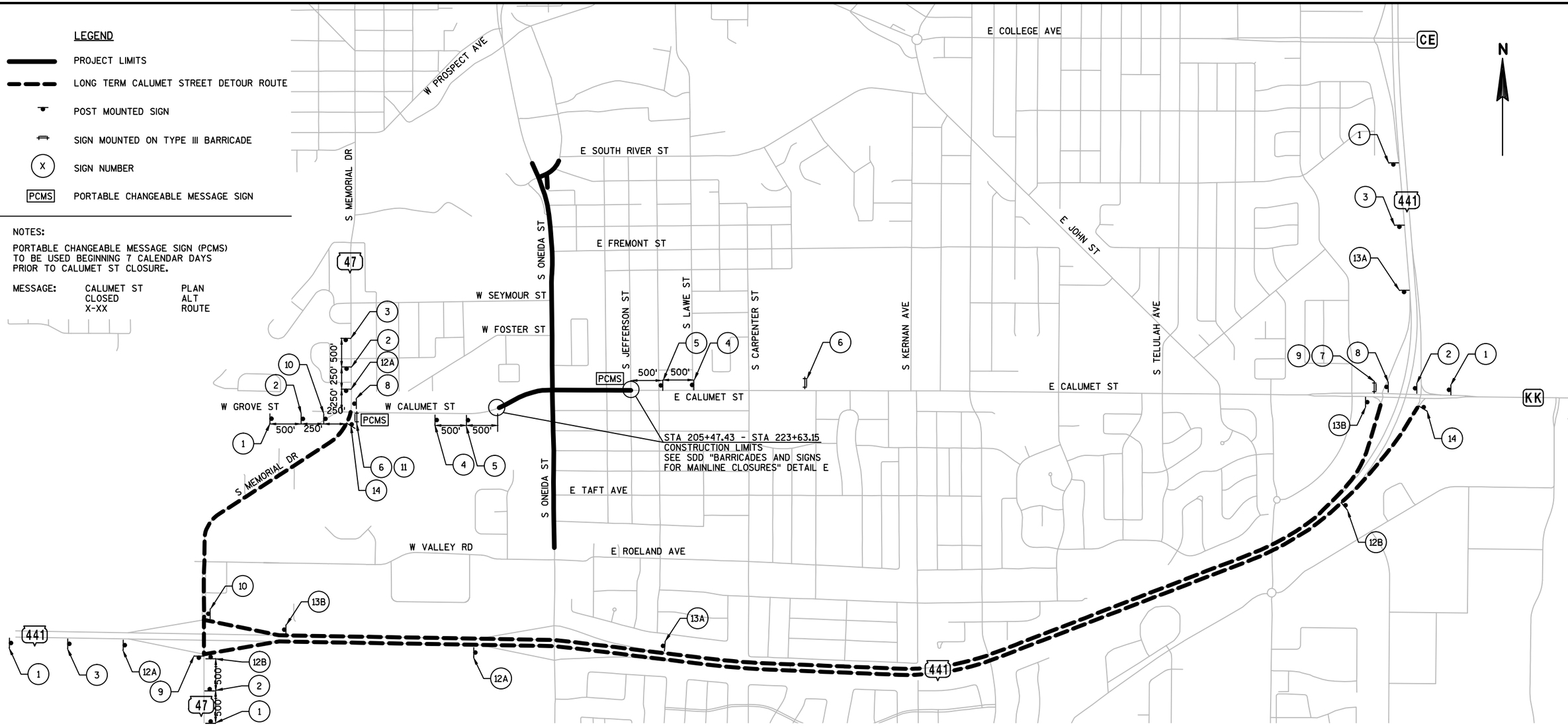
LEGEND

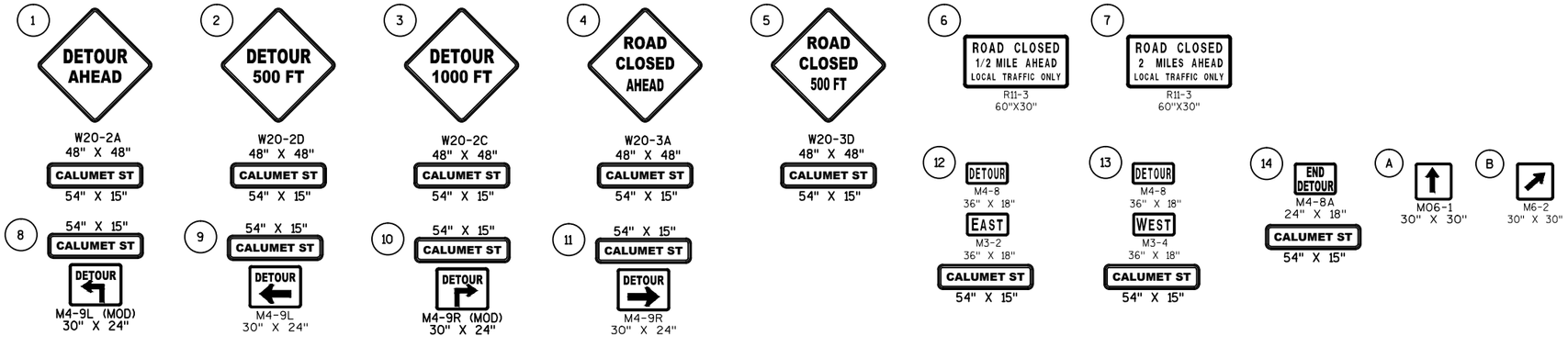
- PROJECT LIMITS
- LONG TERM CALUMET STREET DETOUR ROUTE
- POST MOUNTED SIGN
- SIGN MOUNTED ON TYPE III BARRICADE
- (X) SIGN NUMBER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

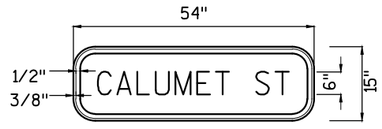
NOTES:

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TO BE USED BEGINNING 7 CALENDAR DAYS PRIOR TO CALUMET ST CLOSURE.

MESSAGE:	CALUMET ST CLOSED X-XX	PLAN ALT ROUTE







NOTES:
1. COLOR:
   BACKGROUND - REFLECTORIZED ORANGE
   LETTERS - BLACK
2. FACE MATERIAL - REFLECTORIZED SHEETING
3. ALL LETTERS ARE SERIES "C"
4. PAID FOR AS TRAFFIC CONTROL SIGNS FIXED MESSAGE

SIGN DETAIL

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CALUMET STREET DETOUR PLAN	SHEET 242	E

4984-01-74

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	23.000	23.000
0004	201.0120	Clearing	ID	44.000	44.000
0006	201.0205	Grubbing	STA	24.000	24.000
0008	201.0220	Grubbing	ID	49.000	49.000
0010	204.0100	Removing Pavement	SY	35,495.000	35,495.000
0012	204.0130	Removing Curb	LF	380.000	380.000
0014	204.0150	Removing Curb & Gutter	LF	410.000	410.000
0016	204.0155	Removing Concrete Sidewalk	SY	8,920.000	8,920.000
0018	204.0170	Removing Fence	LF	150.000	150.000
0020	204.0195	Removing Concrete Bases	EACH	42.000	42.000
0022	204.0220	Removing Inlets	EACH	85.000	85.000
0024	204.0245	Removing Storm Sewer (size) 01. 8-Inch	LF	91.000	91.000
0026	204.0245	Removing Storm Sewer (size) 02. 10-Inch	LF	94.000	94.000
0028	204.0245	Removing Storm Sewer (size) 03. 12-Inch	LF	1,266.000	1,266.000
0030	204.0280	Sealing Pipes	EACH	1.000	1.000
0032	204.0291.S	Abandoning Sewer	CY	29.000	29.000
0034	205.0100	Excavation Common	CY	24,558.000	24,558.000
0036	205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON	115.000	115.000
0038	209.2100	Backfill Granular Grade 2	CY	1,101.000	1,101.000
0040	213.0100	Finishing Roadway (project) 01. 4984-01-74	EACH	1.000	1.000
0042	305.0110	Base Aggregate Dense 3/4-Inch	TON	65.000	65.000
0044	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	32,085.000	32,085.000
0046	305.0130	Base Aggregate Dense 3-Inch	TON	20,370.000	20,370.000
0048	415.0080	Concrete Pavement 8-Inch	SY	12,960.000	12,960.000
0050	415.0090	Concrete Pavement 9-Inch	SY	43,795.000	43,795.000
0052	415.0210	Concrete Pavement Gaps	EACH	30.000	30.000
0054	415.0410	Concrete Pavement Approach Slab	SY	120.000	120.000
0056	415.1090	Concrete Pavement HES 9-Inch	SY	860.000	860.000
0058	415.4100	Concrete Pavement Joint Filling	SY	62,665.000	62,665.000
0060	416.0170	Concrete Driveway 7-Inch	SY	1,925.000	1,925.000
0062	416.0270	Concrete Driveway HES 7-Inch	SY	25.000	25.000
0064	416.0610	Drilled Tie Bars	EACH	129.000	129.000
0066	416.0620	Drilled Dowel Bars	EACH	350.000	350.000
0068	440.4410	Incentive IRI Ride	DOL	3,200.000	3,200.000
0070	455.0605	Tack Coat	GAL	45.000	45.000
0072	465.0105	Asphaltic Surface	TON	175.000	175.000
0074	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	640.000	640.000
0076	465.0125	Asphaltic Surface Temporary	TON	390.000	390.000
0078	465.0310	Asphaltic Curb	LF	835.000	835.000

4984-01-74

Line	Item	Item Description	Unit	Total	Qty
0080	520.8000	Concrete Collars for Pipe	EACH	11.000	11.000
0082	601.0105	Concrete Curb Type A	LF	30.000	30.000
0084	601.0110	Concrete Curb Type D	LF	310.000	310.000
0086	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	3,030.000	3,030.000
0088	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	1,450.000	1,450.000
0090	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	365.000	365.000
0092	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	15,000.000	15,000.000
0094	601.0600	Concrete Curb Pedestrian	LF	1,575.000	1,575.000
0096	602.0405	Concrete Sidewalk 4-Inch	SF	84,090.000	84,090.000
0098	602.0420	Concrete Sidewalk 7-Inch	SF	11,590.000	11,590.000
0100	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	1,156.000	1,156.000
0102	602.1500	Concrete Steps	SF	33.000	33.000
0104	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	2,222.000	2,222.000
0106	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	1,267.000	1,267.000
0108	611.0420	Reconstructing Manholes	EACH	43.000	43.000
0110	611.0530	Manhole Covers Type J	EACH	2.000	2.000
0112	611.0610	Inlet Covers Type BW	EACH	2.000	2.000
0114	611.0612	Inlet Covers Type C	EACH	4.000	4.000
0116	611.0624	Inlet Covers Type H	EACH	45.000	45.000
0118	611.0639	Inlet Covers Type H-S	EACH	49.000	49.000
0120	611.0645	Inlet Covers Type MS-A	EACH	4.000	4.000
0122	611.0666	Inlet Covers Type Z	EACH	21.000	21.000
0124	611.2004	Manholes 4-FT Diameter	EACH	1.000	1.000
0126	611.3003	Inlets 3-FT Diameter	EACH	2.000	2.000
0128	611.3004	Inlets 4-FT Diameter	EACH	34.000	34.000
0130	611.3230	Inlets 2x3-FT	EACH	82.000	82.000
0132	611.3901	Inlets Median 1 Grate	EACH	4.000	4.000
0134	611.8110	Adjusting Manhole Covers	EACH	23.000	23.000
0136	611.8115	Adjusting Inlet Covers	EACH	2.000	2.000
0138	611.8120.S	Cover Plates Temporary	EACH	9.000	9.000
0140	616.0404	Fence Chain Link Salvaged 4-FT	LF	30.000	30.000
0142	618.0100	Maintenance And Repair of Haul Roads (project) 01. 4984-01-74	EACH	1.000	1.000
0144	619.1000	Mobilization	EACH	1.000	1.000
0146	620.0100	Concrete Corrugated Median	SF	140.000	140.000
0148	620.0300	Concrete Median Sloped Nose	SF	255.000	255.000
0150	621.0100	Landmark Reference Monuments	EACH	5.000	5.000
0152	624.0100	Water	MGAL	620.000	620.000

4984-01-74

Line	Item	Item Description	Unit	Total	Qty
0154	625.0100	Topsoil	SY	9,480.000	9,480.000
0156	627.0200	Mulching	SY	14,640.000	14,640.000
0158	628.1104	Erosion Bales	EACH	100.000	100.000
0160	628.1504	Silt Fence	LF	750.000	750.000
0162	628.1520	Silt Fence Maintenance	LF	375.000	375.000
0164	628.1905	Mobilizations Erosion Control	EACH	12.000	12.000
0166	628.1910	Mobilizations Emergency Erosion Control	EACH	7.000	7.000
0168	628.2008	Erosion Mat Urban Class I Type B	SY	1,280.000	1,280.000
0170	628.7005	Inlet Protection Type A	EACH	70.000	70.000
0172	628.7010	Inlet Protection Type B	EACH	13.000	13.000
0174	628.7015	Inlet Protection Type C	EACH	73.000	73.000
0176	628.7020	Inlet Protection Type D	EACH	60.000	60.000
0178	628.7555	Culvert Pipe Checks	EACH	5.000	5.000
0180	628.7560	Tracking Pads	EACH	9.000	9.000
0182	628.7570	Rock Bags	EACH	100.000	100.000
0184	629.0210	Fertilizer Type B	CWT	9.000	9.000
0186	630.0140	Seeding Mixture No. 40	LB	150.000	150.000
0188	630.0200	Seeding Temporary	LB	120.000	120.000
0190	630.0300	Seeding Borrow Pit	LB	62.000	62.000
0192	638.2602	Removing Signs Type II	EACH	174.000	174.000
0194	638.3000	Removing Small Sign Supports	EACH	38.000	38.000
0196	642.5201	Field Office Type C	EACH	1.000	1.000
0198	643.0300	Traffic Control Drums	DAY	58,575.000	58,575.000
0200	643.0410	Traffic Control Barricades Type II	DAY	5,455.000	5,455.000
0202	643.0420	Traffic Control Barricades Type III	DAY	19,125.000	19,125.000
0204	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	635.000	635.000
0206	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	635.000	635.000
0208	643.0705	Traffic Control Warning Lights Type A	DAY	36,810.000	36,810.000
0210	643.0715	Traffic Control Warning Lights Type C	DAY	7,890.000	7,890.000
0212	643.0800	Traffic Control Arrow Boards	DAY	715.000	715.000
0214	643.0900	Traffic Control Signs	DAY	42,370.000	42,370.000
0216	643.1000	Traffic Control Signs Fixed Message	SF	90.000	90.000
0218	643.1050	Traffic Control Signs PCMS	DAY	80.000	80.000
0220	643.5000	Traffic Control	EACH	1.000	1.000
0222	644.1410.S	Temporary Pedestrian Surface Asphalt	SF	2,650.000	2,650.000
0224	644.1420.S	Temporary Pedestrian Surface Plywood	SF	1,010.000	1,010.000
0226	644.1601.S	Temporary Curb Ramp	EACH	9.000	9.000
0228	644.1616.S	Temporary Pedestrian Safety Fence	LF	510.000	510.000
0230	646.1020	Marking Line Epoxy 4-Inch	LF	20,889.000	20,889.000
0232	646.3020	Marking Line Epoxy 8-Inch	LF	4,296.000	4,296.000

4984-01-74

Line	Item	Item Description	Unit	Total	Qty
0234	646.5020	Marking Arrow Epoxy	EACH	98.000	98.000
0236	646.5120	Marking Word Epoxy	EACH	17.000	17.000
0238	646.5220	Marking Symbol Epoxy	EACH	50.000	50.000
0240	646.6120	Marking Stop Line Epoxy 18-Inch	LF	667.000	667.000
0242	646.7120	Marking Diagonal Epoxy 12-Inch	LF	504.000	504.000
0244	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,952.000	2,952.000
0246	646.8120	Marking Curb Epoxy	LF	90.000	90.000
0248	646.8220	Marking Island Nose Epoxy	EACH	9.000	9.000
0250	646.9000	Marking Removal Line 4-Inch	LF	8,465.000	8,465.000
0252	646.9100	Marking Removal Line 8-Inch	LF	285.000	285.000
0254	646.9200	Marking Removal Line Wide	LF	115.000	115.000
0256	646.9300	Marking Removal Special Marking	EACH	16.000	16.000
0258	649.0105	Temporary Marking Line Paint 4-Inch	LF	19,230.000	19,230.000
0260	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	22,160.000	22,160.000
0262	649.0205	Temporary Marking Line Paint 8-Inch	LF	710.000	710.000
0264	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	520.000	520.000
0266	649.0505	Temporary Marking Arrow Paint	EACH	12.000	12.000
0268	649.0550	Temporary Marking Arrow Removable Tape	EACH	2.000	2.000
0270	649.0605	Temporary Marking Word Paint	EACH	5.000	5.000
0272	649.0650	Temporary Marking Word Removable Tape	EACH	1.000	1.000
0274	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	130.000	130.000
0276	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	122.000	122.000
0278	650.4000	Construction Staking Storm Sewer	EACH	122.000	122.000
0280	650.4500	Construction Staking Subgrade	LF	10,160.000	10,160.000
0282	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,558.000	1,558.000
0284	650.7000	Construction Staking Concrete Pavement	LF	10,160.000	10,160.000
0286	650.8500	Construction Staking Electrical Installations (project) 01. 4984-01-74	LS	1.000	1.000
0288	650.9000	Construction Staking Curb Ramps	EACH	68.000	68.000
0290	650.9910	Construction Staking Supplemental Control (project) 01. 4984-01-74	LS	1.000	1.000
0292	650.9920	Construction Staking Slope Stakes	LF	10,160.000	10,160.000
0294	652.0310	Conduit Rigid Nonmetallic Schedule 80 1-Inch	LF	40.000	40.000
0296	652.0325	Conduit Rigid Nonmetallic Schedule 80 2-Inch	LF	27,585.000	27,585.000
0298	652.0335	Conduit Rigid Nonmetallic Schedule 80 3-Inch	LF	365.000	365.000
0300	653.0105	Pull Boxes Steel 12x24-Inch	EACH	10.000	10.000
0302	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	10.000	10.000
0304	653.0905	Removing Pull Boxes	EACH	1.000	1.000
0306	654.0102	Concrete Bases Type 2	EACH	18.000	18.000
0308	654.0105	Concrete Bases Type 5	EACH	22.000	22.000

4984-01-74

Line	Item	Item Description	Unit	Total	Qty
0310	654.0107	Concrete Bases Type 7	EACH	13.000	13.000
0312	654.0110	Concrete Bases Type 10	EACH	6.000	6.000
0314	654.0113	Concrete Bases Type 13	EACH	10.000	10.000
0316	655.0610	Electrical Wire Lighting 12 AWG	LF	963.000	963.000
0318	655.0615	Electrical Wire Lighting 10 AWG	LF	7,260.000	7,260.000
0320	655.0700	Loop Detector Lead In Cable	LF	1,277.000	1,277.000
0322	657.1345	Install Poles Type 9	EACH	1.000	1.000
0324	657.1350	Install Poles Type 10	EACH	5.000	5.000
0326	657.1355	Install Poles Type 12	EACH	1.000	1.000
0328	657.1360	Install Poles Type 13	EACH	9.000	9.000
0330	657.1515	Install Monotube Arms 15-FT	EACH	1.000	1.000
0332	657.1520	Install Monotube Arms 20-FT	EACH	1.000	1.000
0334	657.1525	Install Monotube Arms 25-FT	EACH	1.000	1.000
0336	657.1530	Install Monotube Arms 30-FT	EACH	3.000	3.000
0338	657.1545	Install Monotube Arms 45-FT	EACH	4.000	4.000
0340	657.1550	Install Monotube Arms 50-FT	EACH	6.000	6.000
0342	661.0200	Temporary Traffic Signals for Intersections (location) 01. S. Oneida Street & Calumet Street	LS	1.000	1.000
0344	678.0200	Fiber Optic Splice Enclosure	EACH	6.000	6.000
0346	678.0300	Fiber Optic Splice	EACH	72.000	72.000
0348	690.0150	Sawing Asphalt	LF	4,850.000	4,850.000
0350	690.0250	Sawing Concrete	LF	1,030.000	1,030.000
0352	715.0415	Incentive Strength Concrete Pavement	DOL	17,079.000	17,079.000
0354	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0356	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	3,040.000	3,040.000
0358	SPV.0035	Special 01. Excavation Below Subgrade	CY	9,700.000	9,700.000
0360	SPV.0060	Special 01. Municipal Poles Type 5	EACH	22.000	22.000
0362	SPV.0060	Special 02. Municipal Poles Type 17	EACH	13.000	13.000
0364	SPV.0060	Special 03. Municipal Luminaire Arms Single Member 4 1/2-INCH Clamp 6-FT	EACH	30.000	30.000
0366	SPV.0060	Special 04. Municipal Luminaire Arms Single Member 6-INCH Clamp 8-FT	EACH	13.000	13.000
0368	SPV.0060	Special 05. Municipal Transformer Bases Breakaway 11 1/2-INCH Bolt Circle	EACH	22.000	22.000
0370	SPV.0060	Special 06. Municipal Transformer Bases Breakaway 15-17 INCH Bolt Circle	EACH	13.000	13.000
0372	SPV.0060	Special 07. Municipal LED Luminaires Type 1	EACH	20.000	20.000
0374	SPV.0060	Special 08. Municipal LED Luminaires Type 2	EACH	11.000	11.000
0376	SPV.0060	Special 09. Municipal LED Luminaires Type 3	EACH	12.000	12.000
0378	SPV.0060	Special 10. Modifying Pole Wiring	EACH	5.000	5.000
0380	SPV.0060	Special 11. Concrete Bases City Type 1 (12 3/4-INCH	EACH	18.000	18.000

Line	Item	Item Description	Unit	Total	Qty
		Bolt Circle)			
0382	SPV.0060	Special 12. Bases, Cabinet Basement	EACH	5.000	5.000
0384	SPV.0060	Special 13. Communication Vault Type 1 SPECIAL	EACH	9.000	9.000
0386	SPV.0060	Special 14. Patch Panel with Fiber Optic Cable Pigtail 12-Count, 100-FT	EACH	5.000	5.000
0388	SPV.0060	Special 15. Patch Panel with Fiber Optic Cable Pigtail 12-Count, 200-FT	EACH	2.000	2.000
0390	SPV.0060	Special 16. Fiber Patch Cord	EACH	13.000	13.000
0392	SPV.0060	Special 17. Moving Inlets	EACH	7.000	7.000
0394	SPV.0060	Special 18. Adjusting Sanitary Manholes	EACH	32.000	32.000
0396	SPV.0060	Special 19. Pavement Marking Grooved Contrast Preformed Thermoplastic Yield Line 36-INCH	EACH	18.000	18.000
0398	SPV.0090	Special 01. Conduit Loop Detector SPECIAL	LF	445.000	445.000
0400	SPV.0090	Special 02. Tray Cable for Street Lighting 3 Conductor 12 AWG	LF	1,876.000	1,876.000
0402	SPV.0090	Special 03. Tray Cable for Street Lighting 2 Conductor 8 AWG	LF	7,260.000	7,260.000
0404	SPV.0090	Special 04. Loop Detector Wire SPECIAL	LF	1,470.000	1,470.000
0406	SPV.0090	Special 05. Fiber Optic Tracer Cable	LF	5,914.000	5,914.000
0408	SPV.0090	Special 06. Fiber Optic Warning Tape	LF	5,860.000	5,860.000
0410	SPV.0090	Special 07. Single-Mode Fiber Optic Communications Cable, 24-Count	LF	5,860.000	5,860.000
0412	SPV.0090	Special 08. Marking Line Epoxy 6-INCH	LF	14,291.000	14,291.000
0414	SPV.0090	Special 09. Pavement Marking Grooved Contrast Preformed Thermoplastic Crosswalk 18-INCH	LF	248.000	248.000
0416	SPV.0105	Special 01. Temporary Vehicle Detection System, S. Oneida Street & Calumet Street	LS	1.000	1.000
0418	SPV.0105	Special 02. Install Fiber Optic Communications In Cabinet, S. Oneida Street & E. Taft AV	LS	1.000	1.000
0420	SPV.0105	Special 03. Install Fiber Optic Communications In Cabinet, S. Oneida Street & Calumet ST	LS	1.000	1.000
0422	SPV.0105	Special 04. Install Fiber Optic Communications In Cabinet, S. Oneida Street & W. Seymour	LS	1.000	1.000
0424	SPV.0105	Special 05. Install Fiber Optic Communications In Cabinet, S. Oneida Street & E. Fremont	LS	1.000	1.000
0426	SPV.0105	Special 06. Install Fiber Optic Communications In Cabinet,S.Oneida St.& S.Olde Oneida St	LS	1.000	1.000
0428	SPV.0105	Special 07. Temporary EVP System, S. Oneida Street & Calumet Street	LS	1.000	1.000
0430	SPV.0105	Special 08. Concrete Pavement Joint Layout	LS	1.000	1.000
0432	SPV.0120	Special 01. Management Of Petroleum-Contaminated Groundwater	MGAL	0.100	0.100
0434	SPV.0120	Special 02. Water for Seeded Areas	MGAL	214.000	214.000

3

CLEARING AND GRUBBING

LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
ONEIDA ST		
72+00 - 73+00 LT/RT	1	1
73+00 - 74+00 LT	---	1
74+00 - 75+00 LT/RT	1	1
77+00 - 78+00 RT	1	1
84+00 - 85+00 RT	1	1
98+00 - 99+00 LT/RT	1	1
101+00 - 103+00 LT/RT	2	2
104+00 - 111+00 LT/RT	7	7
117+00 - 118+00 LT/RT	1	1
120+00 - 122+00 LT	2	2
CALUMET ST		
208+00 - 209+00 LT	1	1
213+00 - 216+00 LT/RT	3	3
218+00 - 220+00 RT	2	2
TOTALS	23	24

CLEARING AND GRUBBING

LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
ONEIDA ST		
75+42 LT	---	5
93+85 RT	6	6
94+12 RT	6	6
97+64 LT	8	8
112+29 RT	3	3
113+09 RT	3	3
126+75 RT	6	6
128+09 RT	6	6
OLDE ONEIDA ST		
304+48 LT	6	6
TOTALS	44	49

REMOVING PAVEMENT

STAGE	LOCATION	* 204.0100 SY
2	ONEIDA ST	
	71+47 - 76+00	2,240
	76+00 - 82+00	870
	82+00 - 88+00	890
	88+00 - 94+00	990
	94+00 - 100+00	1,240
	100+00 - 106+00	390
	106+00 - 111+00	20
	111+00 - 117+00	960
	117+00 - 122+50	1,140
	122+50 - 128+50	1,650
	128+50 - 131+67	100
3		
	71+47 - 76+00	100
	76+00 - 82+00	2,050
	82+00 - 88+00	2,200
	88+00 - 94+00	1,880
	94+00 - 100+00	2,070
	100+00 - 106+00	1,855
	106+00 - 111+00	2,050
	111+00 - 117+00	1,680
	117+00 - 122+50	880
	122+50 - 128+50	
	128+50 - 131+67	
2	CALUMET ST	
	205+47 - 210+00	---
	210+00 - 215+00	960
	215+00 - 221+00	2,290
	221+00 - 223+63	1,270
3		
	205+47 - 210+00	2,770
	210+00 - 215+00	680
	215+00 - 221+00	---
	221+00 - 223+63	---
2	OLDE ONEIDA ST	
	300+50 - 304+33	1,760
2	ORANGE ST	
	287+87 - 289+75	510
	TOTAL	35,495

* QUANTITIES ARE APPROXIMATE BASED ON ESTIMATES OF AREAS TEMPORARILY PATCHED WITH ASPHALT IN 2017.

REMOVING CURB

STAGE	LOCATION	204.0130 LF
2	ONEIDA ST	
	71+47 - 76+00	25
	76+00 - 82+00	---
	82+00 - 88+00	40
	88+00 - 94+00	30
	94+00 - 100+00	30
	100+00 - 106+00	---
	106+00 - 111+00	---
	111+00 - 117+00	20
	117+00 - 122+50	---
	122+50 - 128+50	---
	128+50 - 131+67	---
3		
	71+47 - 76+00	---
	76+00 - 82+00	50
	82+00 - 88+00	10
	88+00 - 94+00	10
	94+00 - 100+00	50
	100+00 - 106+00	---
	106+00 - 111+00	---
	111+00 - 117+00	20
	117+00 - 122+50	---
	122+50 - 128+50	---
	128+50 - 131+67	---
2	CALUMET ST	
	205+47 - 210+00	---
	210+00 - 215+00	50
	215+00 - 221+00	---
	221+00 - 223+63	---
3		
	205+47 - 210+00	30
	210+00 - 215+00	---
	215+00 - 221+00	---
	221+00 - 223+63	---
2	OLDE ONEIDA ST	
	300+50 - 304+33	15
	TOTAL	380

REMOVING CURB & GUTTER

STAGE	LOCATION	204.0150 LF
2	ONEIDA ST	
	71+47 - 76+00	---
	76+00 - 82+00	---
	82+00 - 88+00	45
	88+00 - 94+00	55
	94+00 - 100+00	---
	100+00 - 106+00	---
	106+00 - 111+00	145
	111+00 - 117+00	---
	117+00 - 122+50	20
	122+50 - 128+50	5
	128+50 - 131+67	---
3		
	71+47 - 76+00	---
	76+00 - 82+00	---
	82+00 - 88+00	20
	88+00 - 94+00	---
	94+00 - 100+00	---
	100+00 - 106+00	---
	106+00 - 111+00	---
	111+00 - 117+00	---
	117+00 - 122+50	---
	122+50 - 128+50	35
	128+50 - 131+67	---
2	CALUMET ST	
	205+47 - 210+00	---
	210+00 - 215+00	---
	215+00 - 221+00	30
	221+00 - 223+63	---
2	OLDE ONEIDA ST	
	300+50 - 304+33	55
	TOTAL	410

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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REMOVING CONCRETE SIDEWALK

STAGE	LOCATION	204.0155 SY
2	ONEIDA ST	
	71+47 - 76+00	505
	76+00 - 82+00	410
	82+00 - 88+00	405
	88+00 - 94+00	395
	94+00 - 100+00	370
	100+00 - 106+00	340
	106+00 - 111+00	320
	111+00 - 117+00	410
	117+00 - 122+50	310
	122+50 - 128+50	315
	128+50 - 131+67	165
3		
	71+47 - 76+00	20
	76+00 - 82+00	380
	82+00 - 88+00	330
	88+00 - 94+00	320
	94+00 - 100+00	330
	100+00 - 106+00	350
	106+00 - 111+00	310
	111+00 - 117+00	320
	117+00 - 122+50	250
	122+50 - 128+50	255
	128+50 - 131+67	185
2	CALUMET ST	
	205+47 - 210+00	---
	210+00 - 215+00	240
	215+00 - 221+00	570
	221+00 - 223+63	320
3		
	205+47 - 210+00	480
	210+00 - 215+00	130
	215+00 - 221+00	---
	221+00 - 223+63	---
2	OLDE ONEIDA ST	
	300+50 - 304+33	185
	TOTAL	8,920

REMOVING FENCE

LOCATION	204.0170 LF
ONEIDA ST	
93+22 RT	15
115+72 RT	20
CALUMET ST	
218+08 RT	5
218+71 LT	5
221+75 LT	5
222+27 LT	10
222+80 - 223+47 RT	80
223+42 LT	10
TOTAL	150

SEALING PIPES

LOCATION	204.0280 EACH
CALUMET ST	
208+50 LT - 18" RCP*	1
TOTAL	1

*SEAL SOUTH END OF PIPE ONLY

SIGNAL REMOVAL QUANTITIES

STAGE	ITEM NO.	204.0195 REMOVING CONCRETE BASES EACH	653.0905 REMOVING PULL BOXES EACH
ONEIDA ST & OLDE ONEIDA ST			
1	SB1	1	---
1	SB2	1	---
1	SB3	1	---
1	SB4	1	---
1	SB5	1	---
1	SB6	1	---
1	SB7	1	---
1	SB8	1	---
1	SB9	1	---
1	CB1	1	---
INTERSECTION TOTALS		10	0
ONEIDA ST & FREMONT ST			
1	SB1	1	---
1	SB2	1	---
1	SB3	1	---
1	SB4	1	---
1	SB5	1	---
1	CB1	1	---
INTERSECTION TOTALS		6	0
ONEIDA ST & SEYMOUR ST			
1	SB1	1	---
1	SB2	1	---
1	SB3	1	---
1	SB4	1	---
1	SB5	1	---
1	SB6	1	---
1	SB7	1	---
1	SB8	1	---
1	CB1	1	---
INTERSECTION TOTALS		9	0

SIGNAL REMOVAL QUANTITIES (CONTINUED)

STAGE	ITEM NO.	204.0195 REMOVING CONCRETE BASES EACH	653.0905 REMOVING PULL BOXES EACH
ONEIDA ST & CALUMET ST			
2	SB1	1	---
2	SB2	1	---
2	SB3	1	---
2	SB4	1	---
2	SB5	1	---
2	SB6	1	---
2	SB7	1	---
2	SB8	1	---
2	SB9	1	---
2	SB10	1	---
2	CB1	1	---
INTERSECTION TOTALS		11	0
ONEIDA ST & TAFT AVE			
1	SB1	1	---
1	SB2	1	---
1	SB3	1	---
1	SB4	1	---
1	SB5	1	---
1	CB1	1	---
1	PB1	---	1
INTERSECTION TOTALS		6	1
PROJECT TOTALS		42	1

CONTAMINATED SOIL AND GROUNDWATER

STAGE	SITE	STATION	205.0501.S EXCAVATION, SEGREGATION HAULING, AND DISPOSAL OF PETROLEUM-CONTAMINATED SOIL TON	SPV.0120.01 MANAGEMENT OF PETROLEUM-CONTAMINATED GROUNDWATER MGAL
2	3	75+80 - 76+75	60	0.036
3	6	93+75 - 95+40	10	---
3	10	108+10 - 108+75	---	0.025
2	12	118+25 - 119+75	30	0.025
2	13	120+25 - 121+00	15	0.014
TOTALS			115	0.100

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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REMOVING INLETS

STAGE	LOCATION	204.0220 EACH
	ONEIDA ST	
2	72+30, 38' LT	1
2	73+84, 24' RT	1
2	74+28, 36' LT	1
2	75+49, 36' LT	1
2	75+63, 49' RT	1
2	75+96, 45' RT	1
2	76+17, 25' RT	1
3	77+86, 36' LT	1
2	77+86, 25' RT	1
2	79+50, 47' RT	1
3	79+84, 36' LT	1
2	79+89, 48' RT	1
2	80+10, 25' RT	1
2	81+85, 25' RT	1
3	83+12, 72' LT	1
2	83+15, 47' RT	1
3	83+18, 58' LT	1
2	83+47, 47' RT	1
3	83+54, 60' LT	1
3	83+62, 69' LT	1
3	83+76, 36' LT	1
2	83+80, 25' RT	1
2	86+15, 47' RT	1
2	86+47, 47' RT	1
2	88+92, 25' RT	1
3	89+41, 36' LT	1
2	91+91, 26' RT	1
3	92+26, 40' LT	1
3	94+87, 43' LT	1
2	94+87, 25' RT	1
3	95+06, 62' LT	1
2	95+08, 47' RT	1
2	95+57, 47' RT	1
3	95+62, 63' LT	1
2	95+81, 24' RT	1
3	95+97, 44' LT	1
3	101+37, 25' LT	1
2	101+42, 27' RT	1
3	103+11, 26' LT	1
2	103+12, 26' RT	1
2	105+82, 17' RT	1
3	105+94, 35' LT	1
2	108+36, 17' RT	1
3	108+37, 35' LT	1
3	108+58, 57' LT	1

REMOVING INLETS (CONT'D)

STAGE	LOCATION	204.0220 EACH
	ONEIDA ST (CONT'D)	
2	111+78, 16' RT	1
3	111+80, 34' LT	1
3	114+65, 25' LT	1
2	114+71, 26' RT	1
3	114+72, 25' LT	1
2	115+78, 49' RT	1
2	116+35, 44' RT	1
2	116+57, 27' RT	1
2	119+37, 25' RT	1
3	119+42, 27' LT	1
2	119+59, 48' RT	1
2	119+90, 45' RT	1
3	122+57, 30' LT	1
2	122+79, 47' RT	1
2	123+11, 44' RT	1
2	126+72, 21' RT	1
3	126+92, 18' LT	1
3	126+94, 52' LT	1
3	126+95, 61' LT	1
3	127+32, 75' LT	1
3	127+59, 73' LT	1
3	127+95, 7' LT	1
3	128+09, 50' LT	1
3	128+10, 59' LT	1
2	128+17, 22' RT	1
2	130+98, 27' RT	1
3	131+02, 43' LT	1
	CALUMET ST	
3	208+32, 28' LT	1
3	208+32, 28' RT	1
2	216+30, 24' RT	1
2	216+33, 24' LT	1
2	220+02, 39' RT	1
2	220+19, 24' LT	1
2	220+40, 26' RT	1
2	223+36, 24' LT	1
2	223+53, 27' RT	1
	OLDE ONEIDA ST	
2	300+91, 46' RT	1
2	301+22, 34' RT	1
2	302+38, 31' LT	1
2	302+36, 20' RT	1
	TOTAL	85

REMOVING AND ABANDONING STORM SEWER

STAGE	LOCATION	REMOVING STORM SEWER 8-INCH 204.0245.01 LF	REMOVING STORM SEWER 10-INCH 204.0245.02 LF	REMOVING STORM SEWER 12-INCH 204.0245.03 LF	ABANDONING SEWER 204.0291.S CY	BACKFILL GRANULAR GRADE 2 209.2100 CY
	ONEIDA ST					
2	75+66, 49' RT - 75+92, 54' RT	---	---	26	---	20
2	75+92, 54' RT - 75+96, 45' RT	---	---	9	---	7
2	75+92, 54' RT - 76+16, 28' RT	---	---	---	0.8	---
2	79+52, 46' RT - 79+89, 49' RT	---	---	37	---	28
3	79+83, 13' RT - 79+84, 34' LT	---	---	---	1.4	---
2	79+83, 13' RT - 80+10, 24' RT	---	---	28	---	21
2	79+83, 13' RT - 79+89, 49' RT	---	---	35	---	26
2	81+85, 16' RT - 81+85, 22' RT	---	---	6	---	5
3	83+14, 70' LT - 83+20, 58' LT	---	---	13	---	10
2	83+17, 47' RT - 83+44, 47' RT	---	---	27	---	20
3	83+20, 58' LT - 83+52, 60' LT	---	---	32	---	24
3	83+52, 60' LT - 83+59, 68' LT	---	---	9	---	7
3	83+59, 68' LT - 83+76, 34' LT	---	---	29	---	22
3	83+42, 14' RT - 83+76, 34' LT	---	---	---	1.7	---
2	83+42, 14' RT - 83+78, 24' RT	---	---	37	---	28
2	83+42, 14' RT - 83+44, 47' RT	---	---	33	---	25
2	86+17, 47' RT - 86+47, 47' RT	---	---	30	---	23
2	86+41, 15' RT - 86+47, 47' RT	---	---	32	---	24
2	88+94, 24' RT - 89+39, 14' RT	---	---	46	---	35
3	89+39, 14' RT - 89+41, 34' LT	---	---	---	1.4	---
2	91+94, 25' RT - 92+40, 14' RT	---	---	48	---	36
3	92+26, 37' LT - 92+40, 14' RT	---	---	---	1.6	---
3	94+87, 43' LT - 95+06, 62' LT	---	---	---	0.8	---
3	95+06, 62' LT - 95+39, 58' LT	---	---	---	1.0	---
2	95+10, 48' RT - 95+21, 60' RT	---	---	16	---	12
2	95+21, 60' RT - 95+56, 47' RT	---	---	37	---	28
3	95+39, 58' LT - 95+62, 64' LT	---	---	24	---	18
2	95+56, 47' RT - 95+81, 24' RT	---	---	33	---	25
3	95+62, 64' LT - 95+97, 44' LT	---	---	40	---	30
3	101+37, 23' LT - 101+40, 4' RT	---	---	---	0.8	---
2	101+40, 4' RT - 101+42, 24' RT	---	---	20	---	15
3	103+11, 24' LT - 103+36, 4' RT	---	---	---	1.1	---
2	103+14, 23' RT - 103+36, 4' RT	---	---	29	---	22
3	105+41, 7' RT - 105+94, 33' LT	---	---	---	2.4	---
2	105+41, 7' RT - 105+82, 15' RT	---	---	---	1.2	---
2	108+36, 14' RT - 108+41, 4' RT	---	---	12	---	9
3	108+37, 35' LT - 108+41, 4' RT	---	---	39	---	29
3	108+37, 35' LT - 108+58, 57' LT	---	---	---	0.9	---
3	111+78, 30' LT - 111+80, 35' LT	---	---	5	---	4
2 & 3	111+78, 30' LT - 111+79, 15' RT	---	---	45	---	34
3	114+65, 26' LT - 114+72, 26' LT	---	7	---	---	6
3	114+71, 17' RT - 114+72, 26' LT	---	---	---	1.9	---
2	114+71, 17' RT - 114+71, 24' RT	---	---	7	---	6
2	115+78, 50' RT - 115+94, 48' RT	---	---	17	---	13
2	116+31, 23' RT - 116+34, 42' RT	---	---	19	---	15

ALL ITEMS CATEGORY 0010 UNLESS NOTED

REMOVING AND ABANDONING STORM SEWER (CONTINUED)

STAGE	LOCATION	REMOVING STORM SEWER 8-INCH 204.0245.01 LF	REMOVING STORM SEWER 10-INCH 204.0245.02 LF	REMOVING STORM SEWER 12-INCH 204.0245.03 LF	ABANDONING SEWER 204.0291.S CY	BACKFILL GRANULAR GRADE 2 209.2100 CY
	ONEIDA ST					
2	116+31, 23' RT - 116+55, 26' RT	---	---	24	---	18
2	119+39, 24' RT - 119+59, 20' RT	---	---	---	1.0	---
3	119+42, 25' LT - 119+59, 20' RT	---	---	---	1.4	---
2	119+59, 20' RT - 119+59, 48' RT	---	---	---	0.8	---
2	119+59, 20' RT - 119+83, 45' RT	---	---	---	1.5	---
2	119+59, 48' RT - 119+83, 45' RT	---	---	---	0.7	---
2	119+83, 45' RT - 119+88, 45' RT	---	---	---	0.1	---
3	122+57, 27' LT - 122+75, 23' RT	---	---	---	1.6	---
2	122+75, 23' RT - 122+80, 45' RT	---	---	22	---	17
2	123+09, 29' RT - 123+10, 41' RT	---	---	12	---	9
2	126+74, 19' RT - 127+08, 11' RT	---	---	34	---	26
3	126+92, 19' LT - 127+08, 11' RT	---	---	---	1.0	---
3	126+92, 19' LT - 126+94, 52' LT	---	---	33	---	25
3	126+94, 52' LT - 126+95, 62' LT	---	---	10	---	8
3	126+95, 62' LT - 127+32, 75' LT	38	---	---	---	29
3	127+59, 73' LT - 128+10, 59' LT	53	---	---	---	40
3	127+63, 12' RT - 128+09, 50' LT	---	---	---	2.2	---
2	127+97, 4' LT - 128+09, 12' RT	---	---	19	---	15
2	128+09, 12' RT - 128+16, 20' RT	---	---	13	---	10
2	128+10, 59' LT - 128+09, 50' RT	---	---	9	---	7
2	130+98, 27' RT - 130+97, 19' RT	---	---	8	---	6
3	130+97, 19' RT - 131+00, 41' LT	---	---	---	1.7	---
STAGE	CALUMET ST					
3	208+32, 26' LT - 208+33, 18' LT	---	---	8	---	6
3	208+32, 26' RT - 208+33, 18' LT	---	---	44	---	33
2	216+25, 12' RT - 216+30, 23' RT	---	---	12	---	9
2	216+25, 12' RT - 216+33, 23' RT	---	---	36	---	27
2	220+04, 37' LT - 220+27, 12' RT	---	34	---	---	26
2	220+18, 22' LT - 220+27, 12' RT	---	36	---	---	27
2	220+27, 12' RT - 220+39, 24' RT	---	17	---	---	13
2	223+39, 22' LT - 223+64, 11' RT	---	---	41	---	31
2	223+53, 27' RT - 223+64, 11' RT	---	---	19	---	15
STAGE	OLDE ONEIDA ST					
2	300+94, 46' RT - 301+08, 35' RT	---	---	19	---	15
2	301+08, 35' RT - 301+20, 34' RT	---	---	13	---	10
2	301+95, 21' LT - 302+37, 29' LT	---	---	39	---	29
2	302+06, 28' RT - 302+34, 20' RT	---	---	31	---	23
	TOTALS	91	94	1,266	29.0	1,101

BASE COURSE ITEMS

STAGE	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON
1	ONEIDA ST		
	STAGE 1 WIDENINGS	---	230
	STAGE 1 MEDIANS	---	580
2	ONEIDA ST		
	71+47 - 76+00	---	1,740
	76+00 - 82+00	---	1,050
	82+00 - 88+00	---	950
	88+00 - 94+00	---	1,395
	94+00 - 100+00	---	1,515
	100+00 - 106+00	---	795
	106+00 - 111+00	---	815
	111+00 - 117+00	---	995
	117+00 - 122+50	---	1,155
	122+50 - 128+50	---	1,255
	128+50 - 131+67	---	395
3			
	71+47 - 76+00	---	150
	76+00 - 82+00	---	1,180
	82+00 - 88+00	---	1,180
	88+00 - 94+00	---	1,075
	94+00 - 100+00	---	1,415
	100+00 - 106+00	---	935
	106+00 - 111+00	---	1,325
	111+00 - 117+00	65	1,115
	117+00 - 122+50	---	1,345
	122+50 - 128+50	---	1,655
	128+50 - 131+67	---	655
2	CALUMET ST		
	205+47 - 210+00	---	---
	210+00 - 215+00	---	695
	215+00 - 221+00	---	1,720
	221+00 - 223+63	---	700
3			
	205+47 - 210+00	---	1,960
	210+00 - 215+00	---	815
	215+00 - 221+00	---	---
	221+00 - 223+63	---	---
	OLDE ONEIDA ST		
	300+50 - 304+33	---	1,000
	ORANGE ST		
	287+87 - 289+75	---	295
	TOTALS	65	32,085

ALL ITEMS CATEGORY 0010 UNLESS NOTED

Earthwork Summary			Item #205.0100	Item #SPV.0035.01	*	*	Item #305.0130	*	*	*	*
Location	Stage	From/To Station	Common Excavation (1) (CY)	Excavation Below Subgrade	Salvaged/Unusable Pavement Material (6)	Available Material (7)	EBS Backfill = Base Aggregate Dense 3-Inch (3) (TON)	Unexpanded Fill	Expanded Fill (8) (CY)	Mass Ordinate +/- (9)	Waste
			Cut (2) (CY)	(3)(4)(5) (CY)	(CY)	(CY)	Conversion Factor 2.10	(CY)	Factor 1.25	(CY)	(CY)
ONEIDA STREET	1	89+73 - 100+38	355	0	130	225	0	0	0	225	225
	1	100+54 - 103+26	51	0	21	30	0	0	0	30	30
	1	113+52 - 118+91	118	0	62	56	0	0	0	56	56
	2	71+47 - 131+67	8,654	0	4,870	3,783	0	259	324	3,460	3,460
	3	75+66 - 131+90	8,855	0	4,476	4,379	0	149	186	4,193	4,193
CALUMET STREET	2	212+75 - 223+63	2,470	0	1,618	852	0	23	28	824	824
	2	223+91 - 224+21	21	0	9	12	0	0	0	12	12
	3	205+50 - 211+40	997	0	1,046	-49	0	217	271	-320	
OLDE ONEIDA STREET	2	300+50 - 304+88	1,070	0	844	226	0	18	23	203	203
ORANGE STREET	2	287+87 - 289+50	288	0	142	145	0	2	3	143	143
EXCAVATION BELOW SUBGRADE FOR REMOVING PAVEMENT AREAS (10)											
ONEIDA STREET	2	71+47 - 78+00	160	0	0	0	0	0	0	0	0
	2	93+00 - 96+00	120	0	0	0	0	0	0	0	0
	2	106+00 - 108+00	10	0	0	0	0	0	0	0	0
	2	117+00 - 128+50	290	0	0	0	0	0	0	0	0
	3	71+47 - 78+00	50	0	0	0	0	0	0	0	0
	3	93+00 - 96+00	190	0	0	0	0	0	0	0	0
	3	106+00 - 108+00	150	0	0	0	0	0	0	0	0
	3	117+00 - 128+50	260	0	0	0	0	0	0	0	0
CALUMET STREET	2	215+00 - 216+00	20	0	0	0	0	0	0	0	0
	3	208+00 - 211+40	410								
OLDE ONEIDA STREET	2	300+50 - 301+00	20	0	0	0	0	0	0	0	0
UNDISTRIBUTED (EBS)			0	9,700	0	0	20,370	0	0	0	0
Grand Total			24,558	9,700	13,218	9,660	20,370	668	834	8,826	8,826

*Not a bid item. Column shown for information only.

1) Common Excavation is the sum of the Cut and Excavation Below Subgrade for Removing Pavement Areas. Item number 205.0100.
2) Salvaged/Unsuable Pavement Material is included in the Cut to the proposed subgrade line.
3) EBS Excavation to be backfilled with Base Aggregate Dense 3-Inch.
4) EBS Areas were approximated as specified in the Geotechnical Report and are not shown on cross sections. Actual EBS locations to be determined by engineer for unstable soils.
5) EBS Excavation Material shall be removed from the site and shall not be used as fill material. EBS Excavation material is not included in the Mass Ordinate.
6) Salvaged/Unusable Pavement Material is included in the Common Excavation quantity to the bottom of the existing pavement. This assumes the existing pavement structure is salvaged or wasted by the contractor. The existing pavement structure is not shown on the cross sections and is estimated from assumptions of temporary asphalt placed with the City of Appleton's 2017 sewer project.
7) Available Material = Cut - Salvaged/Unusuable Pavement Material.
8) Expanded Fill = Unexpanded Fill * Expanded Fill Factor (1.25).
9) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates a waste volume of material within the Division. Minus indicates a borrow volume of material within the Division.
10) Estimated areas where removal of existing pavement is expected to be below the proposed subgrade elevation. These areas are to be backfilled with Base Aggregate Dense 1 1/4-Inch (quantities shown elsewhere). These areas are not shown on the cross sections and are not included in the earthwork data sheets.

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONCRETE PAVEMENT ITEMS

STAGE	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.0090 CONCRETE PAVEMENT 9-INCH SY	415.0210 CONCRETE PAVEMENT GAPS EACH	415.1090 CONCRETE PAVEMENT HES 9-INCH SY	415.4100 * CONCRETE PAVEMENT JOINT FILLING SY	416.0170 CONCRETE DRIVEWAY 7-INCH SY	416.0270 CONCRETE DRIVEWAY HES 7-INCH SY
2	ONEIDA ST							
	71+47 - 76+00	---	3,140	1	---	3,380	120	---
	76+00 - 82+00	---	1,910	1	---	2,145	95	---
	82+00 - 88+00	---	1,875	3	---	2,135	75	---
	88+00 - 94+00	---	2,335	1	---	2,605	120	---
	94+00 - 100+00	---	2,575	2	540	3,500	60	---
	100+00 - 106+00	---	1,700	---	---	1,865	95	---
	106+00 - 111+00	---	1,490	1	----	1,625	---	---
	111+00 - 117+00	---	2,225	2	---	2,420	20	---
	117+00 - 122+50	---	1,640	1	---	1,780	45	---
	122+50 - 128+50	---	2,080	3	---	2,235	---	---
	128+50 - 131+67	---	800	---	---	885	---	---
3								
	71+47 - 76+00	---	140	1	---	150	15	---
	76+00 - 82+00	---	2,500	2	---	2,665	75	---
	82+00 - 88+00	---	2,640	2	---	2,805	65	---
	88+00 - 94+00	---	1,965	1	---	2,130	95	---
	94+00 - 100+00	---	2,225	2	---	2,385	70	---
	100+00 - 106+00	---	2,060	2	---	2,225	110	10
	106+00 - 111+00	---	2,265	2	---	2,410	---	15
	111+00 - 117+00	---	2,440	2	---	2,605	110	---
	117+00 - 122+50	---	2,310	---	---	2,495	125	---
	122+50 - 128+50	---	2,380	1	320	2,865	---	---
	128+50 - 131+67	---	1,100	---	---	1,185	---	---
2	CALUMET ST							
	205+47 - 210+00	---	---	---	---	---	---	---
	210+00 - 215+00	1,530	---	---	---	1,645	65	---
	215+00 - 221+00	3,520	---	---	---	3,845	260	---
	221+00 - 223+63	1,500	---	---	---	1,665	60	---
3								
	205+47 - 210+00	2,980	---	---	---	3,230	180	---
	210+00 - 215+00	990	---	---	---	1,055	5	---
	215+00 - 221+00	---	---	---	---	---	---	---
	221+00 - 223+63	---	---	---	---	---	---	---
	OLDE ONEIDA ST							
	300+50 - 304+33	1,850	---	---	---	2,050	60	---
	ORANGE ST							
	287+87 - 289+75	590	---	---	---	680	---	---
	TOTALS	12,960	43,795	30	860	62,665	1,925	25

* JOINTS SHALL BE SEALED TO THE BACK OF CURB.

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONCRETE PAVEMENT APPROACH SLAB

STAGE	LOCATION	415.0410 SY
	ONEIDA ST	
2	131+40, 0' RT - 131+67, 0' RT	60
3	131+59, 37' LT - 131+86, 36' LT	60
	TOTAL	120

TEMPORARY ASPHALTIC ITEMS

LOCATION	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF
ONEIDA ST		
STAGE 1	190	810
STAGE 2	200	25
STAGE 3	---	---
TOTAL	390	835

HMA ITEMS

STAGE	LOCATION	455.0605 TACK COAT GAL	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
2	ONEIDA ST			
	71+47 - 76+00	---	---	60
	76+00 - 82+00	---	---	45
	82+00 - 88+00	7	26	30
	88+00 - 94+00	7	26	45
	94+00 - 100+00	---	---	20
	100+00 - 106+00	---	---	8
	106+00 - 111+00	10	42	---
	111+00 - 117+00	---	---	5
	117+00 - 122+50	3	12	40
	122+50 - 128+50	3	11	---
	128+50 - 131+67	---	---	---
3				
	71+47 - 76+00	---	---	5
	76+00 - 82+00	---	---	80
	82+00 - 88+00	3	12	50
	88+00 - 94+00	---	---	30
	94+00 - 100+00	---	---	25
	100+00 - 106+00	---	---	7
	106+00 - 111+00	---	---	5
	111+00 - 117+00	---	---	10
	117+00 - 122+50	---	---	25
	122+50 - 128+50	2	7	10
	128+50 - 131+67	---	---	---
2	CALUMET ST			
	205+47 - 210+00	---	---	---
	210+00 - 215+00	---	----	20
	215+00 - 221+00	3	10	10
	221+00 - 223+63	---	---	30
3				
	205+47 - 210+00	---	---	55
	210+00 - 215+00	---	---	15
	215+00 - 221+00	---	---	---
	221+00 - 223+63	---	---	---
	OLDE ONEIDA ST			
	300+50 - 304+33	7	29	10
	TOTALS	45	175	640

DRILLED TIE BARS

LOCATION	416.0610 EACH
ONEIDA ST	
71+47 - 76+00	10
76+00 - 82+00	7
82+00 - 88+00	14
88+00 - 94+00	11
94+00 - 100+00	10
100+00 - 106+00	4
106+00 - 111+00	8
111+00 - 117+00	7
117+00 - 122+50	4
122+50 - 128+50	8
128+50 - 131+67	---
CALUMET ST	
205+47 - 210+00	6
210+00 - 215+00	4
215+00 - 221+00	4
221+00 - 223+63	12
OLDE ONEIDA ST	
300+50 - 304+33	16
ORANGE ST	
287+87 - 289+75	4
TOTAL	129

DRILLED DOWEL BARS

LOCATION	416.0620 EACH
ONEIDA ST	
71+47 - 76+00	68
76+00 - 82+00	24
82+00 - 88+00	---
88+00 - 94+00	---
94+00 - 100+00	23
100+00 - 106+00	26
106+00 - 111+00	24
111+00 - 117+00	29
117+00 - 122+50	---
122+50 - 128+50	---
128+50 - 131+67	---
CALUMET ST	
205+47 - 210+00	36
210+00 - 215+00	---
215+00 - 221+00	---
221+00 - 223+63	72
OLDE ONEIDA ST	
300+50 - 304+33	29
ORANGE ST	
287+87 - 289+75	19
TOTAL	350

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONCRETE CURB & GUTTER ITEMS

STAGE	LOCATION	601.0105 CONCRETE CURB TYPE A LF	601.0110 CONCRETE CURB TYPE D LF	601.0405 18-INCH TYPE A LF	601.0409 30-INCH TYPE A LF	601.0411 30-INCH TYPE D LF	601.0452 INTEGRAL 30-INCH TYPE D LF	* 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
2	ONEIDA ST							
	71+47 - 76+00	---	20	---	50	---	825	20
	76+00 - 82+00	---	---	---	120	---	510	0
	82+00 - 88+00	---	30	---	80	60	475	90
	88+00 - 94+00	---	25	---	90	60	480	85
	94+00 - 100+00	---	20	---	---	---	585	20
	100+00 - 106+00	---	---	---	---	---	600	---
	106+00 - 111+00	---	---	---	30	90	445	90
	111+00 - 117+00	---	10	---	195	---	500	10
	117+00 - 122+50	---	---	---	30	45	505	45
	122+50 - 128+50	---	---	---	40	25	540	25
	128+50 - 131+67	---	---	---	---	---	300	---
3								
	71+47 - 76+00	---	---	---	---	---	35	0
	76+00 - 82+00	---	40	---	---	---	600	40
	82+00 - 88+00	---	10	---	55	---	535	10
	88+00 - 94+00	---	5	850	---	---	600	5
	94+00 - 100+00	---	65	620	---	---	575	65
	100+00 - 106+00	---	---	---	---	---	600	---
	106+00 - 111+00	---	---	---	110	---	415	0
	111+00 - 117+00	30	5	160	---	---	600	5
	117+00 - 122+50	---	---	---	---	---	545	0
	122+50 - 128+50	---	---	760	35	20	540	20
	128+50 - 131+67	---	---	640	---	---	340	---
2	CALUMET ST							
	205+47 - 210+00	---	---	---	---	---	---	0
	210+00 - 215+00	---	30	---	---	---	440	30
	215+00 - 221+00	---	---	---	25	20	1,150	20
	221+00 - 223+63	---	---	---	115	---	500	---
3								
	205+47 - 210+00	---	20	---	---	---	900	20
	210+00 - 215+00	---	---	---	---	---	240	0
	215+00 - 221+00	---	---	---	---	---	---	0
	221+00 - 223+63	---	---	---	---	---	---	---
	OLDE ONEIDA ST							
	300+50 - 304+33	---	30	---	125	45	620	75
	ORANGE ST							
	287+87 - 289+75	---	---	---	350	---	---	---
	TOTALS	30	310	3,030	1,450	365	15,000	675

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONCRETE SIDEWALK ITEMS

STAGE	LOCATION	** 601.0600 CONCRETE CURB PEDESTRIAN LF	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0420 CONCRETE SIDEWALK 7-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.1500 CONCRETE STEPS SF	* ** 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	** 650.9000 CONSTRUCTION STAKING CURB RAMPS EACH
2	ONEIDA ST							
	71+47 - 76+00	210	3,800	190	30	---	193	1
	76+00 - 82+00	40	2,440	810	80	---	---	3
	82+00 - 88+00	95	2,120	850	84	---	12	4
	88+00 - 94+00	55	1,730	780	88	---	---	4
	94+00 - 100+00	60	2,180	650	76	---	13	2
	100+00 - 106+00	---	3,020	200	20	---	---	2
	106+00 - 111+00	55	2,810	505	60	---	---	2
	111+00 - 117+00	95	3,990	515	45	---	65	2
	117+00 - 122+50	30	2,860	380	40	---	15	2
	122+50 - 128+50	---	2,740	940	90	---	---	4
	128+50 - 131+67	---	1,880	---	---	---	---	---
3								
	71+47 - 76+00	---	75	---	---	---	---	1
	76+00 - 82+00	60	2,600	350	10	---	---	3
	82+00 - 88+00	35	2,220	460	72	---	---	4
	88+00 - 94+00	35	4,460	440	40	---	---	4
	94+00 - 100+00	---	4,020	530	40	---	---	4
	100+00 - 106+00	---	3,140	650	44	---	---	2
	106+00 - 111+00	55	2,520	770	40	---	---	2
	111+00 - 117+00	45	3,050	270	20	7	---	2
	117+00 - 122+50	185	2,470	220	20	13	165	2
	122+50 - 128+50	135	4,730	590	72	13	115	4
	128+50 - 131+67	---	4,570		---	---	---	---
2	CALUMET ST							
	205+47 - 210+00	---	---	---	---	---	---	---
	210+00 - 215+00	110	2,150	---	---	---	110	---
	215+00 - 221+00	35	5,930	340	64	---	35	---
	221+00 - 223+63	70	2,580	650	40	---	---	8
3								
	205+47 - 210+00	---	3,940	---	---	---	---	---
	210+00 - 215+00	---	1,375	---	---	---	---	---
	215+00 - 221+00	---	---	---	---	---	---	---
	221+00 - 223+63	---	---	---	---	---	---	---
	OLDE ONEIDA ST							
	300+50 - 304+33	170	3,600	450	81	---	160	6
	ORANGE ST							
	287+87 - 289+75	---	1,090	50	---	---	---	---
	TOTALS	1,575	84,090	11,590	1,156	33	883	68

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

**STAKING OF CONCRETE CURB PEDESTRIAN ADJACENT TO CURB RAMPS IS INCIDENTAL TO CURB RAMP STAKING.
STAKING OF CONCRETE CURB PEDESTRIAN IN AREAS OUTSIDE OF CURB RAMPS IS PAID UNDER ITEM 650.5500.

3

STORM SEWER ITEMS

STRUCTURE NUMBER	STATION	OFFSET	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0420 RECON-STRUCTING MANHOLES EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.17 MOVING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0645 INLET COVERS TYPE MS-A EACH	611.0666 INLET COVERS TYPE Z EACH	PROPOSED RIM OR FLANGE ELEV	STR DEPTH FEET	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (FT/FT)	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0412 STORM SEWER PIPE REINF. CONC. CLASS IV 12" (LF)	608.0415 STORM SEWER PIPE REINF. CONC. CLASS IV 15" (LF)	STAGE	COMMENTS
1A	72+68.9	39.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	801.12	2.7	1A	1B	797.55	797.32	0.0200	---	11.4	---	2	
1B	72+80.3	39.0 LT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	801.16	3.8	1B	1	797.07	796.99	0.0200	1	---	4.0	2	SALVAGE AND RESET EXISTING COVER
1C	72+68.9	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	801.12	2.8	1C	1D	797.48	797.27	0.0200	---	10.2	---	2	
1D	72+79.1	27.0 RT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	801.16	3.8	1D	1	797.02	796.94	0.0200	1	---	4.0	2	SALVAGE AND RESET EXISTING COVER
1	72+85.5	1.7 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	801.67		1	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
2	74+33.4	49.4 LT	---	---	---	---	---	---	1	---	---	---	---	---	---	---	802.99		2	EXISTING				---	---	---	3	SALVAGE AND RESET EXISTING COVER
3A	74+45.0	39.0 LT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	801.74	3.6	3A	3	797.81	797.71	0.0200	1	5.1	---	3	SALVAGE AND RESET EXISTING COVER
3B	74+45.0	27.0 RT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	801.74	3.8	3B	3	797.63	797.56	0.0200	1	3.7	---	2	SALVAGE AND RESET EXISTING COVER
3	74+50.4	5.9 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	802.16		3	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
4A	76+23.6	39.0 LT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	802.36	3.7	4A	4	798.29	798.17	0.0200	1	5.8	---	3	SALVAGE AND RESET EXISTING COVER
4B	76+24.0	27.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	802.37	3.7	4B	4	797.88	797.17	0.0200	---	35.3	---	2	
4	75+94.0	8.6 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	802.61		4	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
5A	75+63.6	43.6 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	801.79	2.4	5A	5	798.60	798.00	0.0200	---	30.1	---	2	
5B	75+95.8	41.9 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	801.79	2.7	5B	5	798.25	798.00	0.0200	---	12.7	---	2	
5	75+91.8	54.0 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	802.24		5	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
6A	77+81.6	39.0 LT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	802.91	2.8	6A	6	799.80	799.75	0.0100	1	5.4	---	3	SALVAGE AND RESET EXISTING COVER
6B	77+82.0	27.0 RT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	802.92	3.6	6B	6	799.01	798.92	0.0200	1	4.5	---	2	SALVAGE AND RESET EXISTING COVER
6	77+85.8	14.2 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	803.17		6	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
7	80+29.5	41.4 RT	---	1	---	---	---	---	---	---	---	1	---	---	---	---	803.75	1.9	7	8B	800.75	800.61	0.0100	---	14.4	---	2	
8A	79+78.9	39.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	803.61	2.3	8A	8	800.48	800.22	0.0050	---	52.6	---	2 & 3	
8B	80+29.5	27.0 RT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	803.79	2.6	8B	8	800.36	797.69	0.0559	---	---	47.7	2	
8C	79+49.4	57.2 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	803.16	3.5	8C	8D	798.79	798.36	0.0100	---	42.6	---	2	
8D	79+92.0	58.1 RT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	803.08	4.1	8D	8	798.11	797.69	0.0092	---	---	45.4	2	
8	79+83.9	13.4 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	803.87		8	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
9A	81+72.9	39.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	804.52	2.5	9A	9	801.19	800.62	0.0100	---	56.9	---	2 & 3	
9B	81+80.2	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	804.56	3.5	9B	9	800.19	798.82	0.1186	---	11.6	---	2	
9	81+85.2	16.6 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	804.78		9	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
10A	83+12.4	73.0 LT	---	---	1	---	---	---	---	---	---	1	---	---	---	---	804.26	2.7	10A	10B	800.46	800.29	0.0100	---	16.6	---	3	
10B	83+19.1	57.9 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	805.07	4.2	10B	10	800.04	799.93	0.0100	---	---	10.5	3	
10C	83+61.3	69.8 LT	---	---	1	---	---	---	---	---	---	1	---	---	---	---	803.93	2.2	10C	10D	800.62	800.47	0.0100	---	14.5	---	3	
10D	83+56.2	56.3 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	805.11	4.1	10D	10	800.22	799.93	0.0100	---	---	28.6	3	
10	83+27.9	52.1 LT	1	---	---	---	---	---	---	---	1	---	---	---	---	---	805.25	4.3	10	EXISTING	799.85	799.65	0.0100	1	---	19.5	3	CONNECT TO EXISTING PIPE. VERIFY INVERT.
11A	83+90.9	39.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	805.79	2.5	11A	11	802.42	801.70	0.0100	---	71.7	---	2 & 3	
11B	83+91.4	27.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	805.79	3.5	11B	11	801.43	800.22	0.0237	---	51.0	---	2	
11C	83+15.3	52.7 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	804.95	3.5	11C	11D	800.57	800.42	0.0050	---	30.8	---	2	
11D	83+46.1	52.8 RT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	805.20	4.2	11D	11	800.17	799.97	0.0050	---	---	39.4	2	
11	83+42.2	13.6 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	805.75		11	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER

1. RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE OF THE INLET CASTING FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
3. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
4. STR DEPTH = RIM ELEV - INV - CASTING HEIGHT - ADJUSTMENT
   CASTING HEIGHT = 9" FOR TYPE C AND J COVERS; AND 6" FOR TYPE H, H-S, AND Z COVERS
   ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLET MEDIAN 1 GRATE)

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER ITEMS (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0420 RECON-STRUCTING MANHOLES EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.17 MOVING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0666 INLET COVERS TYPE Z EACH	PROPOSED RIM OR FLANGE ELEV	STR DEPTH FEET	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (FT/FT)	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0412 STORM SEWER PIPE REINF. CONC. CLASS IV 12" (LF)	608.0415 STORM SEWER PIPE REINF. CONC. CLASS IV 15" (LF)	STAGE	COMMENTS
12A	86+15.2	53.5 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	806.70	3.5	12A	12	802.32	802.01	0.0100	---	31.0	---	2	
12B	86+46.2	53.7 RT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	806.60	4.0	12B	12	801.76	801.35	0.0100	---	---	40.9	2	
12	86+41.4	13.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	807.27		12	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
13A	89+43.8	42.7 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	804.18	3.5	13A	13	799.81	799.25	0.0100	---	56.4	---	2 & 3	
13B	89+14.5	45.6 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	804.40	3.5	13B	13	800.03	799.25	0.0189	---	41.5	---	2	
13	89+40.8	13.6 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	804.49		13	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
14A	92+29.4	45.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	799.93	2.1	14A	14B	797.04	796.90	0.0050	---	27.7	---	3	
14B	92+34.4	17.8 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	800.39	2.7	14B	14C	796.90	796.85	0.0050	---	---	9.5	3	
14C	92+40.6	10.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	800.49	2.8	14C	14	796.85	796.73	0.0050	---	---	25.2	2 & 3	
14D	92+14.5	45.8 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	799.95	3.5	14D	14	795.59	794.95	0.0158	---	40.5	---	2	
14	92+40.3	14.5 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	800.41		14	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
15A	94+33.4	46.6 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	797.73	2.3	15A	15B	794.62	794.48	0.0050	---	27.3	---	3	
15B	94+36.0	19.4 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	798.15	3.1	15B	15C	794.23	794.18	0.0050	---	---	10.0	3	
15C	94+45.3	15.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	798.00	3.0	15C	15	794.18	794.00	0.0050	---	---	36.1	2 & 3	
15D	94+62.1	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	797.63	3.5	15D	15	793.29	792.39	0.0874	---	10.3	---	2	
15	94+62.1	16.2 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	797.79		15	EXISTING				---	---	---	2	
16A	96+73.4	46.1 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	796.13	2.4	16A	16B	792.90	792.80	0.0100	---	10.0	---	3	
16B	96+63.4	46.1 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	796.18	2.8	16B	16D	792.55	792.15	0.0100	---	---	39.6	3	
16C	96+73.4	7.0 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	796.50	3.2	16C	16D	792.50	792.40	0.0100	---	9.9	---	3	
16D	96+63.4	6.5 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	796.55	3.6	16D	16F	792.15	792.10	0.0100	---	---	5.8	3	
16E	96+73.4	0.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	796.59	3.3	16E	16F	792.45	792.35	0.0100	---	10.0	---	2 & 3	
16F	96+63.4	0.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	796.64	3.7	16F	16	792.10	791.83	0.0100	---	---	27.0	2 & 3	
16G	96+73.4	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	796.06	2.7	16G	16H	792.51	792.41	0.0100	---	10.0	---	2	
16H	96+63.4	26.5 RT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	796.11	3.1	16H	16	792.16	791.83	0.0100	---	---	33.4	2	
16	96+37.1	5.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	796.61		16	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
17A	100+61.2	44.8 RT	---	1	---	---	---	---	---	---	---	1	---	---	---	---	796.20	1.9	17A	17	793.20	793.03	0.0100	---	17.3	---	2	
17	100+61.4	27.5 RT	---	---	---	---	---	---	---	---	---	---	---	---	---	---			17	EXISTING				1	---	---	2	CONNECT TO EXISTING PIPE. VERIFY INVERT.
18A	101+36.4	28.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.44	2.5	18A	18	792.07	791.75	0.0100	---	32.1	---	2 & 3	
18B	101+51.9	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.31	2.5	18B	18	792.01	791.75	0.0100	---	25.9	---	2	
18	101+40.2	3.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	795.84		18	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
30A	103+02.0	27.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	794.20	2.5	30A	30	790.86	790.40	0.0100	---	46.2	---	2 & 3	
30B	103+02.5	27.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	794.20	3.5	30B	30	789.83	789.38	0.0114	---	40.3	---	2	
30	103+35.9	4.4 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	794.38		30	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
31A	105+25.6	33.3 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	792.79	3.5	31A	31B	788.43	788.33	0.0100	---	10.0	---	3	
31B	105+35.8	33.9 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	792.80	3.9	31B	31	788.08	787.67	0.0100	---	---	41.3	2 & 3	
31C	105+25.5	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	792.80	3.5	31C	31D	788.43	788.26	0.0169	---	10.0	---	2	
31D	105+35.4	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	792.80	4.0	31D	31	788.01	787.67	0.0168	---	---	20.5	2	
31	105+40.5	7.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	793.18		31	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER

1. RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE OF THE INLET CASTING FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
3. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
4. STR DEPTH = RIM ELEV - INV - CASTING HEIGHT - ADJUSTMENT
   CASTING HEIGHT = 9" FOR TYPE C AND J COVERS; AND 6" FOR TYPE H, H-S, AND Z COVERS
   ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLET MEDIAN 1 GRATE)

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER ITEMS (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0420 RECON-STRUCTING MANHOLES EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.17 MOVING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0645 INLET COVERS TYPE MS-A EACH	611.0666 INLET COVERS TYPE Z EACH	PROPOSED RIM OR FLANGE ELEV	STR DEPTH FEET	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (FT/FT)	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0412 STORM SEWER PIPE REINF. CONC. CLASS IV 12" (LF)	608.0415 STORM SEWER PIPE REINF. CONC. CLASS IV 15" (LF)	STAGE	COMMENTS
32A	108+16.8	37.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	791.81	2.5	32A	32	788.45	787.97	0.0100	---	47.8	---	2 & 3	
32B	108+20.0	27.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	791.78	3.5	32B	32	787.41	786.02	0.0444	---	31.2	---	2	
32C	108+54.7	40.1 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	791.01	3.8	32C	32	786.41	786.02	0.0100	---	38.4	---	2	
32	108+41.2	4.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	791.95		32	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
33A	108+55.2	66.5 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	790.94	3.8	33A	33	786.35	786.05	0.0100	---	29.7	---	3	
33B	108+97.6	66.8 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	791.06	3.5	33B	33	786.69	786.05	0.0458	---	14.0	---	3	
33	108+84.5	71.7 LT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	791.34		33	EXISTING				---	---	---	3	SALVAGE AND RESET EXISTING COVER
34A	111+96.2	40.3 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	787.24	2.5	34A	34	783.87	783.66	0.0100	---	20.9	---	2	
34B	112+20.9	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	786.69	3.5	34B	34C	782.33	781.90	0.0100	---	42.5	---	2 & 3	
34C	112+05.3	12.6 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	787.50	5.0	34C	34	781.65	781.33	0.0100	---	---	32.0	2	
34	111+78.4	29.7 LT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	787.71		34	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
35	114+74.8	58.3 LT	---	---	---	---	---	---	1	---	---	---	---	---	---	---	781.56		35	EXISTING	775.97	775.74		---	---	---	3	
36A	115+10.8	39.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	782.40	2.5	36A	36B	779.03	778.93	0.0100	---	10.0	---	3	
36B	115+00.7	39.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	782.40	2.9	36B	36	778.68	778.05	0.0100	---	---	63.1	2 & 3	
36C	115+00.7	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	782.40	3.5	36C	36D	778.03	777.80	0.0227	---	10.0	---	2	
36D	114+90.8	27.0 RT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	782.40	4.0	36D	36	777.55	777.37	0.0083	---	---	22.3	2	
36	114+71.2	16.9 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	782.64		36	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
37A	115+73.7	46.6 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	783.08	3.6	37A	37	778.61	778.39	0.0100	---	21.3	---	2	
37B	116+33.5	53.4 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	783.93	3.5	37B	37	779.60	778.39	0.0304	---	39.8	---	2	
37	115+94.5	48.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	783.67		37	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
38A	116+61.4	39.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	783.98	2.0	38A	38	781.11	780.50	0.0100	---	61.5	---	2 & 3	
38B	116+66.4	27.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	784.20	3.5	38B	38	779.84	778.99	0.1466	---	5.8	---	2	
38	116+62.8	22.5 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	784.23		38	EXISTING				---	---	---	2	
39A	119+59.1	39.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	784.57	2.5	39A	39	781.21	780.62	0.0100	---	58.9	---	2 & 3	
39B	119+90.1	46.4 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	783.99	3.5	39B	39C	779.61	779.31	0.0100	---	30.8	---	2	
39C	119+59.3	47.4 RT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	784.10	4.2	39C	39	779.06	778.73	0.0119	---	---	27.5	2	RECONNECT EXISTING PIPE. VERIFY INVERT.
39	119+59.1	19.9 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	784.69		39	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
40A	120+60.2	39.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	783.80	2.5	40A	40	780.44	779.87	0.0100	---	57.1	---	2 & 3	
40B	120+60.8	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	783.80	3.5	40B	40	779.43	779.33	0.0100	---	10.5	---	2	
40	120+65.7	17.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	783.93		40	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
41A	122+79.0	43.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	781.35	3.5	41A	41	777.00	776.80	0.0100	---	20.0	---	2	
41	122+75.2	23.3 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	781.77		41	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
42A	123+02.6	42.7 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	781.10	2.0	42A	42	778.24	777.52	0.0100	---	72.3	---	2 & 3	
42B	123+10.9	44.9 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	781.02	3.5	42B	42	776.65	776.49	0.0100	---	15.7	---	2	
42	123+09.0	29.3 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	780.87		42	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER

1. RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE OF THE INLET CASTING FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
3. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
4. STR DEPTH = RIM ELEV - INV - CASTING HEIGHT - ADJUSTMENT
   CASTING HEIGHT = 9" FOR TYPE C AND J COVERS; AND 6" FOR TYPE H, H-S, AND Z COVERS
   ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLET MEDIAN 1 GRATE)

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER ITEMS (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0420 RECON-STRUCTING MANHOLES EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.17 MOVING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0645 INLET COVERS TYPE MS-A EACH	611.0666 INLET COVERS TYPE Z EACH	PROPOSED RIM OR FLANGE ELEV	STR DEPTH FEET	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (FT/FT)	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0412 STORM SEWER PIPE REINF. CONC. CLASS IV 12" (LF)	608.0415 STORM SEWER PIPE REINF. CONC. CLASS IV 15" (LF)	STAGE	COMMENTS
43A	125+05.8	46.3 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	774.44	3.5	43A	43B	770.08	769.78	0.0100	---	29.7	---	3	
43B	125+06.5	16.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	774.88	4.5	43B	43C	769.53	769.43	0.0100	---	---	9.8	3	
43C	125+06.8	6.8 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	774.65	4.4	43C	43D	769.43	769.10	0.0100	---	---	33.4	2 & 3	
43D	125+07.5	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	773.99	4.1	43D	43	769.10	764.82	0.1038	---	---	41.2	2	
43	125+16.1	66.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	769.82		43	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
44A	126+63.0	50.0 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	770.06	2.5	44A	44B	766.70	766.43	0.0100	---	27.3	---	3	
44B	126+63.4	22.8 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	770.57	3.6	44B	44C	766.18	766.08	0.0100	---	---	10.0	3	
44C	126+72.5	18.5 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	770.20	3.3	44C	44	766.08	765.62	0.0100	---	---	45.4	2 & 3	
44D	126+75.7	27.9 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	769.24	3.5	44D	44	764.86	764.50	0.0100	---	36.5	---	2	
44	127+07.5	10.5 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	769.26		44	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
45A	126+97.2	62.8 LT	---	---	---	---	1	---	---	---	---	---	---	---	1	---	769.37	3.5	45A	45B	765.85	765.52	0.0100	---	33.4	---	3	
45B	127+31.5	65.8 LT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	768.90	2.8	45B	45	765.27	764.43	0.0100	---	---	83.9	2 & 3	
45C	127+60.2	60.2 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	768.87	2.2	45C	45B	765.81	765.52	0.0100	---	29.2	---	3	
45	127+63.4	11.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	769.57		45	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
46A	128+10.3	59.4 LT	---	---	---	---	1	---	---	---	---	---	---	---	1	---	769.15	4.6	46A	46B	764.58	764.47	0.0100	---	---	11.2	3	RECONNECT EXISTING PIPE. VERIFY INVERT.
46B	128+12.5	48.4 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	769.07	3.8	46B	46C	764.47	764.02	0.0100	---	---	44.0	3	
46C	128+21.1	5.2 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	769.31	4.5	46C	46D	764.02	763.92	0.0100	---	---	10.0	3	
46D	128+12.0	1.2 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	769.00	4.2	46D	46	763.92	762.57	0.1019	---	---	13.3	2	
46E	128+13.9	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	768.64	3.5	46E	46	764.28	762.82	0.0932	---	15.6	---	2	
46	128+08.9	11.7 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	768.89		46	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
47A	129+37.6	57.2 LT	---	---	---	---	1	---	---	---	---	---	---	---	1	---	771.12	2.2	47A	47B	768.95	767.65	0.1190	---	10.9	---	3	
47B	129+37.6	46.3 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	770.78	2.5	47B	47C	767.40	766.20	0.0321	---	---	37.3	3	
47C	129+37.6	9.0 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	771.09	4.1	47C	47D	766.20	765.94	0.0321	---	---	8.3	3	
47D	129+37.6	0.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	770.90	4.1	47D	47	765.94	765.41	0.0321	---	---	16.4	2	
47E	129+37.6	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	770.39	3.8	47E	47	765.78	765.66	0.0100	---	12.6	---	2	
47	129+32.6	14.9 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	770.48		47	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
48A	131+02.2	41.6 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	776.34	3.5	48A	48B	771.98	771.70	0.0100	---	27.3	---	3	
48B	131+02.2	14.3 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	776.85	4.6	48B	48C	771.45	771.32	0.0100	---	---	13.6	3	
48C	131+02.2	0.7 LT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	776.56	4.4	48C	48	771.32	771.11	0.0100	---	---	20.5	2	
48D	131+02.2	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	776.07	3.5	48D	48	771.70	771.36	0.0381	---	8.9	---	2	
48	130+97.2	19.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	775.98		48	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
	E Orange St																											
50	288+96.0	16.8 RT	---	---	---	---	---	1	---	---	---	---	1	---	---	---			50	EXISTING				---	---	---	2	INSTALL H COVER. 2'X3' OPENING REQUIRED.
51A	289+45.6	17.0 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	765.70	3.6	51A	51	761.27	759.65	0.0530	---	30.5	---	2	
51B	289+59.7	17.0 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	764.20	3.6	51B	51	759.77	759.65	0.0100	---	11.8	---	2	
51	289+65.1	6.5 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	764.54		51	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
	S Olde Oneida St																											
52A	302+10.6	24.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	758.36	3.5	52A	52B	753.99	753.50	0.0100	---	49.4	---	2	
52B	302+05.5	24.6 LT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	758.67	4.6	52B	52	753.25	753.15	0.0100	---	---	10.0	2	
52	301+95.3	21.9 LT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	759.33		52	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER

1. RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE OF THE INLET CASTING FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
3. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
4. STR DEPTH = RIM ELEV - INV - CASTING HEIGHT - ADJUSTMENT
   CASTING HEIGHT = 9" FOR TYPE C AND J COVERS; AND 6" FOR TYPE H, H-S, AND Z COVERS
   ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLET MEDIAN 1 GRATE)

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER ITEMS (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	611.2004 MANHOLES 4-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0420 RECON-STRUCTING MANHOLES EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.17 MOVING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0645 INLET COVERS TYPE MS-A EACH	611.0666 INLET COVERS TYPE Z EACH	PROPOSED RIM OR FLANGE ELEV	STR DEPTH FEET	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (FT/FT)	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0412 STORM SEWER PIPE REINF. CONC. CLASS IV 12" (LF)	608.0415 STORM SEWER PIPE REINF. CONC. CLASS IV 15" (LF)	STAGE	COMMENTS
	Calumet St																											
60A	207+72.4	56.3 LT	---	---	---	---	1	---	---	---	---	---	---	---	1	---	794.15	3.2	60A	60B	790.98	790.79	0.0050	---	37.1	---	3	
60B	208+00.8	33.9 LT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	795.52	4.1	60B	60C	790.54	790.49	0.0050	---	---	10.0	3	
60C	208+10.4	34.3 LT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	795.53	4.2	60C	60	790.49	790.35	0.0050	---	---	28.1	3	
60D	208+03.6	27.0 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.66	3.5	60D	60E	791.29	790.93	0.0128	---	28.7	---	3	
60E	208+33.1	27.1 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.75	4.2	60E	60	790.68	790.35	0.0073	---	---	45.4	3	RECONNECT EXISTING PIPE. VERIFY INVERT.
60	208+33.0	18.3 LT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	795.90		60	EXISTING				---	---	---	3	SALVAGE AND RESET EXISTING COVER
61	209+26.8	27.2 LT	---	---	---	---	---	1	---	---	1	---	---	---	---	---			61	EXISTING				---	---	---	3	INSTALL NEW TYPE J COVER
62	209+21.0	31.6 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---			62	EXISTING				---	---	---	3	SALVAGE AND RESET EXISTING COVER
63A	210+88.2	39.5 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.86	3.5	63A	63B	791.49	791.32	0.0173	---	10.0	---	3	
63B	210+97.8	39.4 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	795.87	4.0	63B	63	791.07	790.49	0.0173	---	---	33.4	3	CONNECT TO EXISTING PIPE. VERIFY INVERT.
63C	210+87.6	38.0 RT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	795.90	3.5	63C	63D	791.52	791.37	0.0151	---	10.0	---	3	
63D	210+98.0	38.0 RT	---	---	1	---	---	---	---	---	---	---	---	---	---	1	795.90	3.9	63D	63	791.12	790.49	0.0151	---	---	41.6	3	CONNECT TO EXISTING PIPE. VERIFY INVERT.
63	210+97.9	4.8 LT	---	---	---	---	---	---	---	---	---	---	---	---	---	---			63	EXISTING				2	---	---	3	CONNECT TO EXISTING PIPE. VERIFY INVERT.
64A	212+87.8	38.5 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	796.19	3.5	64A	64B	791.82	791.72	0.0100	---	10.0	---	2	
64B	212+77.8	38.5 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	796.16	3.9	64B	64	791.47	790.96	0.0100	---	---	50.5	2	
64C	212+89.7	26.5 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	796.43	3.5	64C	64D	792.07	791.74	0.0325	---	10.0	---	2	
64D	212+79.7	26.5 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	796.41	4.1	64D	64	791.49	790.96	0.0325	---	---	16.2	2	
64	212+72.9	11.8 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	796.70		64	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
65A	216+30.0	30.1 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	799.19	3.5	65A	65	794.83	794.40	0.0100	---	42.5	---	2	
65B	216+30.0	26.5 RT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	799.26	3.5	65B	65	794.90	794.40	0.0326	---	15.2	---	2	
65	216+25.0	12.1 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	799.49		65	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
66A	220+12.3	26.5 LT	---	---	---	1	---	---	---	---	---	---	1	---	---	---	801.11	3.5	66A	66	796.74	796.34	0.0100	---	40.8	---	2	
66	220+27.1	11.5 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	801.43		66	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
67A	220+01.2	41.1 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	800.60	3.4	67A	67	796.36	796.10	0.0100	---	26.3	---	2	
67B	220+34.2	40.2 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	800.90	3.5	67B	67	796.54	796.10	0.0648	---	6.8	---	2	
67	220+27.4	40.4 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	800.97		67	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
68A	223+35.4	26.5 LT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	801.11	3.5	68A	68	796.75	796.28	0.0100	---	47.5	---	2	
68B	223+35.4	26.5 RT	---	---	---	1	---	---	---	---	---	---	---	1	---	---	801.11	3.5	68B	68	796.75	796.28	0.0146	---	32.4	---	2	
68	223+64.0	11.3 RT	---	---	---	---	---	1	---	---	---	---	---	---	---	---	801.59		68	EXISTING				---	---	---	2	SALVAGE AND RESET EXISTING COVER
TOTALS			1	2	34	82	4	43	2	7	2	4	45	49	4	21								11	2,222	1,267		

1. RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE OF THE INLET CASTING FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
3. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
4. STR DEPTH = RIM ELEV - INV - CASTING HEIGHT - ADJUSTMENT
   CASTING HEIGHT = 9" FOR TYPE C AND J COVERS; AND 6" FOR TYPE H, H-S, AND Z COVERS
   ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLET MEDIAN 1 GRATE)

ALL ITEMS CATEGORY 0010 UNLESS NOTED

ADJUSTING MANHOLE COVERS

STAGE	LOCATION	611.8110 EACH
	ONEIDA ST	
2	95+22, 17' RT	1
3	95+39, 58' LT	1
2	95+40, 7' RT	1
2	103+49, 14' RT	1
3	103+57, 36' LT	1
3	110+21, 28' LT	1
3	111+74, 48' LT	1
2	111+91, 3' RT	1
3	114+04, 22' LT	1
2	114+23, 15' RT	1
2	115+48, 25' RT	1
2	115+54, 13' RT	1
3	116+02, 11' LT	1
2	116+27, 85' RT	1
2	116+31, 23' RT	1
3	119+68, 12' LT	1
3	122+22, 13' LT	1
3	124+37, 25' LT	1
3	127+21, 35' LT	1
	CALUMET ST	
3	207+09, 20' LT	1
	OLDE ONEIDA ST	
2	301+37, 2' RT	1
2	302+06, 28' RT	1
2	302+74, 16' RT	1
	TOTAL	23

COVER PLATES TEMPORARY

LOCATION	STORMSEWER STRUCTURE #	611.8120.S EACH
STAGE 1		
	18A	1
STAGE 2		
	14B	1
	14C	1
	15B	1
	15C	1
	16C	1
	16D	1
	16E	1
	16F	1
TOTAL		9

INLET COVERS TYPE BW

LOCATION	611.0610 EACH
ONEIDA ST	
114+65 LT	1
114+74 LT	1
TOTAL	2

FENCE CHAIN LINK SALVAGED 4-FT

LOCATION	616.0404 LF
ONEIDA ST	
111+86, 53' LT - 112+06, 56' LT	30
TOTAL	30

CONCRETE CORRUGATED MEDIAN

STAGE	LOCATION	620.0100 SF
	ONEIDA ST	
3	112+11 - 112+58	140
	TOTAL	140

CONCRETE MEDIAN SLOPED NOSE

STAGE	LOCATION	620.0300 TYPE 1 SF
	ONEIDA ST	
2	88+00 - 94+00	30
2	94+00 - 100+00	90
3	111+00 - 117+00	55
3	122+50 - 128+50	80
	TOTAL	255

RESTORATION ITEMS

STAGE	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB	630.0300 SEEDING BORROW PIT LB	SPV. 0120.02 WATER FOR SEEDED AREAS MGAL
2	ONEIDA ST							
	71+47 - 76+00	330	330	0.2	5	5	---	7.5
	76+00 - 82+00	260	260	0.2	5	5	---	6.0
	82+00 - 88+00	160	160	0.1	5	0	---	3.5
	88+00 - 94+00	220	220	0.1	5	5	---	5.0
	94+00 - 100+00	250	220	0.1	5	5	---	5.5
	100+00 - 106+00	480	400	0.3	5	5	---	11.0
	106+00 - 111+00	380	320	0.2	5	5	---	8.5
	111+00 - 117+00	480	410	0.3	5	5	---	11.0
	117+00 - 122+50	340	280	0.2	5	5	---	7.5
	122+50 - 128+50	970	970	0.6	15	15	---	22.0
	128+50 - 131+67	200	200	0.1	5	5	---	4.5
3								
	71+47 - 76+00	20	20	0.0	0	0	---	0.5
	76+00 - 82+00	80	80	0.1	0	0	---	2.0
	82+00 - 88+00	220	220	0.1	5	5	---	5.0
	88+00 - 94+00	320	320	0.2	5	5	---	7.0
	94+00 - 100+00	330	290	0.2	5	5	---	7.5
	100+00 - 106+00	230	170	0.1	5	0	---	5.0
	106+00 - 111+00	450	390	0.2	5	5	---	10.0
	111+00 - 117+00	440	380	0.2	5	5	---	10.0
	117+00 - 122+50	550	490	0.3	10	5	---	12.5
	122+50 - 128+50	560	560	0.3	10	5	---	12.5
	128+50 - 131+67	130	130	0.1	0	0	---	3.0
2	CALUMET ST							
	205+47 - 210+00	---	---	---	---	---	---	---
	210+00 - 215+00	100	100	0.1	---	---	---	2.0
	215+00 - 221+00	450	450	0.3	10	5	---	10.0
	221+00 - 223+63	230	230	0.1	5	5	---	5.0
3								
	205+47 - 210+00	640	640	0.4	10	10	---	14.5
	210+00 - 215+00	80	80	0.0	---	---	---	2.0
	215+00 - 221+00	---	---	---	---	---	---	---
	221+00 - 223+63	---	---	---	---	---	---	---
	OLDE ONEIDA ST							
	300+50 - 304+33	530	530	0.3	10	5	---	12.0
	ORANGE ST							
	287+87 - 289+75	50	50	---	---	---	---	1.0
	WASTE SITE	---	5,740	3.6	---	---	62	---
	TOTALS	9,480	14,640	9.0	150	120	62	214

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

LANDMARK REFERENCE MONUMENTS

LOCATION	DESCRIPTION	621.0100 CAST IN PLACE EACH
ONEIDA / CALUMET INTERSECTION	CORNER OF SECTION 1, T20N R17E, AND SECTION 6, T20N R18E	1
	WITNESS MONUMENTS	4
TOTAL		5

WATER

LOCATION	624.0100 MGAL
BASE AGGREGATE PLACEMENT	550
DUST CONTROL	70
TOTAL	620

3

EROSION CONTROL ITEMS

LOCATION	628.1104 EROSION BALES		628.1504 SILT FENCE		628.1520 SILT FENCE MAINTENANCE		628.1905 MOBILIZATIONS EROSION CONTROL		628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL		628.2008 EROSION MAT URBAN CLASS I TYPE B		628.7005 INLET PROTECTION TYPE A		628.7010 INLET PROTECTION TYPE B		628.7015 INLET PROTECTION TYPE C		628.7020 INLET PROTECTION TYPE D		628.7555 CULVERT PIPE CHECKS		628.7560 TRACKING PADS		628.7570 ROCK BAGS	
	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 LF	STAGE 3 LF	STAGE 2 LF	STAGE 3 LF	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 SY	STAGE 3 SY	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH	STAGE 2 EACH	STAGE 3 EACH
ONEIDA ST																										
71+47 - 76+00	---	---	---	---	---	---	---	---	---	---	---	---	7	---	1	---	2	---	6	---	---	---	1	1	---	---
76+00 - 82+00	---	---	---	---	---	---	---	---	---	---	---	---	3	---	1	---	4	4	2	---	---	---	---	---	---	---
82+00 - 88+00	---	---	---	---	---	---	---	---	---	---	---	---	4	4	---	2	3	1	4	2	---	---	---	---	---	---
88+00 - 94+00	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	4	4	2	---	---	---	---	---	---	---
94+00 - 100+00	---	---	---	---	---	---	---	---	---	---	---	---	6	11	---	---	1	2	6	11	---	---	---	---	---	---
100+00 - 106+00	---	---	55	---	28	---	---	---	---	---	---	---	3	2	1	---	2	2	2	2	---	---	---	---	---	---
106+00 - 111+00	---	---	230	---	115	---	---	---	---	---	---	---	1	1	---	---	1	2	1	1	---	---	---	---	---	---
111+00 - 117+00	---	---	195	---	98	---	---	---	---	---	---	---	3	4	---	2	3	3	3	2	---	---	---	---	---	---
117+00 - 122+50	---	---	---	---	---	---	---	---	---	---	---	155	2	---	2	---	1	2	2	---	---	---	---	---	---	---
122+50 - 128+50	---	---	---	---	---	---	---	---	---	---	530	300	2	5	---	2	4	8	2	3	---	---	---	---	---	---
128+50 - 131+67	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	4	4	---	---	---	---	1	1	---	---
CALUMET ST																										
205+47 - 210+50	---	---	---	---	---	---	---	---	---	---	---	---	---	5	---	1	---	---	---	4	---	5	---	1	---	---
213+50 - 219+00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---
219+00 - 223+63	---	---	---	---	---	---	---	---	---	---	---	---	4	---	---	---	3	---	4	---	---	---	1	---	---	---
OLDE ONEIDA ST																										
300+75 - 304+33	---	---	120	---	60	---	---	---	---	---	35		---	---	---	---	7	---	1	---	---	---	1	---	---	---
STAGE TOTALS	0	0	600	0	300	0	0	0	0	0	565	455	37	33	5	8	41	32	35	25	0	5	4	3	0	0
UNDISTRIBUTED	100		150		75		12		7		260		---		---		---		---		---		2		100	
TOTALS	100		750		375		12		7		1,280		70		13		73		60		5		9		100	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE (in)	*** SIGNS TYPE II REFLECTIVE H SF	*** SIGNS TYPE II REFLECTIVE F SF	*** MOVING SIGNS TYPE II EACH	SIGN MOUNTED ON SAME POST AS #	DESCRIPTION
1-01	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
1-02	R3-9D	2S	24X6	1	---	---		END (PLAQUE)
1-03	R3-9B	2S	24X36	6	---	---	1-02	CENTER LANE LEFT TURN ONLY SYMBOL
1-04	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
1-05	R7-9A	2S	18X24	3	---	---	1-04	NO PARKING BIKE LANE
1-06	D9-2	2S	24X24	4	---	---		HOSPITAL
1-07	MB6-1	2S	21X21	3.06	---	---	1-06	ARROW - RIGHT, LEFT, OR AHEAD - BLUE
1-08	R3-9C	2S	24X6	1	---	---		BEGIN (PLAQUE)
1-09	R3-9B	2S	24X36	6	---	---	1-08	CENTER LANE LEFT TURN ONLY SYMBOL
1-10	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
1-11	R7-9A	2S	18X24	3	---	---	1-10	NO PARKING BIKE LANE
1-12	---	---	---	---	---	---		S ONEIDA ST 2500
1-13	---	---	---	---	---	---	1-12	E HOOVER AV 100
1-14	R1-1	2S	30X30	6.25	---	---	1-12	STOP
2-01	R3-9B	2S	24X36	6	---	---		CENTER LANE LEFT TURN ONLY SYMBOL
2-02	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
2-03	---	---	---	---	---	---		E TAFT AV 100
2-04	---	---	---	---	---	---		S ONEIDA ST 2500
2-05	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
2-06	R7-9A	2S	18X24	3	---	---	2-05	NO PARKING BIKE LANE
2-07	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
2-08	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
2-09	---	---	---	---	---	---		E TAFT AV 100
3-01	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
3-02	R7-9A	2S	18X24	3	---	---	3-01	NO PARKING BIKE LANE
3-03	---	---	---	---	---	---		S ONEIDA ST 2400
3-04	---	---	---	---	---	---	3-03	W WILSON AV 100
3-05	R1-1	2S	30X30	6.25	---	---	3-03	STOP
3-06	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
3-07	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
3-08	---	---	---	---	---	---		S ONEIDA ST 2300
3-09	---	---	---	---	---	---	3-08	E WILSON AV 100
3-10	R1-1	2S	30X30	6.25	---	---	3-08	STOP
3-11	R3-9B	2S	24X36	6	---	---		CENTER LANE LEFT TURN ONLY SYMBOL
3-12	R7-9A	2S	18X24	3	---	---	3-12	NO PARKING BIKE LANE
3-13	---	---	---	---	---	---		S ONEIDA ST 2200
3-14	---	---	---	---	---	---	3-13	E HARDING DR 100
3-15	R1-1	2S	30X30	6.25	---	---	3-13	STOP
3-16	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
4-01	R3-9C	2S	24X6	1	---	---		BEGIN (PLAQUE)
4-02	R3-9B	2S	24X36	6	---	---	4-01	CENTER LANE LEFT TURN ONLY SYMBOL
4-03	R7-9A	2S	18X24	3	---	---	4-01	NO PARKING BIKE LANE
4-04	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-05	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-06	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-07	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-08	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-09	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-10	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
4-11	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PERMANENT SIGNING (cont.)

SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE (in)	*** SIGNS TYPE II REFLECTIVE H SF	*** SIGNS TYPE II REFLECTIVE F SF	*** MOVING SIGNS TYPE II EACH	SIGN MOUNTED ON SAME POST AS #	DESCRIPTION
4-12	S5-2	2S	24X30	5	---	---	4-11	END SCHOOL ZONE
4-13	R3-9D	2S	24X6	1	---	---		END (PLAQUE)
4-14	R3-9B	2S	24X36	6	---	---	4-13	CENTER LANE LEFT TURN ONLY SYMBOL
4-15	R2-1	2S	24X30	5	---	---	4-13	SPEED LIMIT 30 MPH
4-16	---	---	---	---	---	---		S ONEIDA ST 2100
4-17	---	---	---	---	---	---	4-16	E MURRAY AV 100
4-18	R1-1	2S	30X30	6.25	---	---	4-16	STOP
4-19	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
4-20	S1-1	2S	36X36	---	12	---		SCHOOL ADVANCE
4-21	W16-9P	2S	24X12	---	2	---	4-20	AHEAD PLAQUE (YELLOW)
4-22	R2-6P	2S	24X18	3	---	---	4-20	FINES HIGHER PLAQUE
4-23	---	---	---	---	---	---		S ONEIDA ST 2000
4-24	---	---	---	---	---	---	4-23	E COOLIDGE AV 100
4-25	R1-1	2S	30X30	6.25	---	---	4-23	STOP
4-26	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
4-27	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
4-28	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
4-29	R7-9A	2S	18X24	3	---	---	4-28	NO PARKING BIKE LANE
5-01	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
5-02	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
5-03	---	---	---	---	---	---		E 100 CALUMET ST W 100
5-04	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
5-05	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
5-06	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
5-07	---	---	---	---	---	---		S ONEIDA ST 1900
5-08	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
5-09	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
5-10	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
5-11	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
5-12	R14-1 MOD	2S	18X24	3	---	---	5-11	TRUCK ROUTE
5-13	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
5-14	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
5-15	D9-2	2S	24X24	4	---	---		HOSPITAL
5-16	MB6-1	2S	21X21	3.06	---	---	5-14	ARROW - RIGHT, LEFT, OR AHEAD - BLUE
5-17	---	---	---	---	---	---		1900 S ONEIDA ST 2000
5-18	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
5-19	R14-1 MOD	2S	18X24	3	---	---	5-18	TRUCK ROUTE
5-20	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
5-21	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
5-22	---	---	---	---	---	---		100 E CALUMET ST 100 W
5-23	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
5-24	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
5-25	R1-1	2S	30X30	6.25	---	---		STOP
5-26	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
5-27	R4-7	2S	24X30	6.63	1.38	---		KEEP RIGHT
5-28	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
5-29	---	---	---	---	---	---		S ONEIDA ST 1900
5-30	---	---	---	---	---	---	5-29	E RAMLEN CT 100
5-31	R1-1	2S	30X30	6.25	---	---	5-29	STOP
6-01	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PERMANENT SIGNING (cont.)

SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE (in)	*** SIGNS TYPE II REFLECTIVE H SF	*** SIGNS TYPE II REFLECTIVE F SF	*** MOVING SIGNS TYPE II EACH	SIGN MOUNTED ON SAME POST AS #	DESCRIPTION
6-02	R1-9	2S	90X24	15	---	---		STATE LAW - YIELD TO PEDESTRIANS (OVERHEAD)
6-03	S1-1	2S	36X36	---	6.75	---		SCHOOL ADVANCE
6-04	S1-1	2S	36X36	---	6.75	---		SCHOOL ADVANCE
6-05	W16-7L	2M	30X18	---	3.75	---	6-04	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW
6-06	---	---	---	---	---	---		S ONEIDA ST 1800
6-07	---	---	---	---	---	---	6-06	W FOSTER ST 100
6-08	R1-1	2S	30X30	6.25	---	---	6-06	STOP
6-09	R1-5L	2M	36X36	9	---	---		YIELD HERE TO PEDESTRIANS [LA]
6-10	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
6-11	S4-51		54X36	9	4.5	---		SCHOOL SPEED LIMIT
6-12	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
6-13	R1-5L	2M	36X36	9	---	---		YIELD HERE TO PEDESTRIANS [LA]
6-14	S1-1	2S	36X36	---	6.75	---		SCHOOL ADVANCE
6-15	W16-7L	2M	30X18	---	3.75	---	6-14	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW
6-16	S1-1	2S	36X36	---	6.75	---		SCHOOL ADVANCE
6-17	R1-9	2S	90X24	15	---	---		STATE LAW - YIELD TO PEDESTRIANS (OVERHEAD)
6-18	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
6-19	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
6-20	S5-2	2S	24X30	5	---	---	6-19	END SCHOOL ZONE
7-01	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
7-02	S4-51		54X36	9	4.5	---		SCHOOL SPEED LIMIT
7-03	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
7-04	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
7-05	---	---	---	---	---	---		W SEYMOUR ST 100
7-06	---	---	---	---	---	---		S ONEIDA ST 1600
7-07	R3-8A	2S	36X30	7.5	---	---		LEFT ONLY / AHEAD, RIGHT
7-08	R5-2	2S	24X24	4	---	---		NO TRUCKS SYMBOL
7-09	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
7-10	S1-1	4	48X48	---	12	---		SCHOOL ADVANCE
7-11	W16-9P	2S	24X12	---	2	---	7-10	AHEAD PLAQUE (YELLOW)
7-12	R2-6P	2S	24X18	3	---	---	7-10	FINES HIGHER PLAQUE
7-13	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
7-14	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
7-15	---	---	---	---	---	---		S ONEIDA ST 1700
7-16	---	---	---	---	---	---		W SEYMOUR ST 100
7-17	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
7-18	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
7-19	R3-17 MOD	2S	30X30	6.25	---	---	7-18	BIKE LANE (BIKE SYMBOL)
8-01	R1-1	2S	30X30	6.25	---	---		STOP
8-02	R3-2	2S	24X24	4	---	---	8-01	NO LEFT TURN SYMBOL
8-03	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
8-04	R4-7	2S	24X30	5	---	---		KEEP RIGHT
8-05	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
8-06	R6-1R	2S	36X12	3	---	---		ONE WAY RIGHT ARROW
8-07	W5-54	2S	18X18	2.25	---	---	8-06	IN ROAD OBJECT MARKER, 4' MOUNTING HEIGHT
8-08	W12-1D	2S	24X24	4	---	---	8-06	DOUBLE DOWN ARROWS
8-09	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
8-10	---	---	---	---	---	---		E FREMONT ST 100
8-11	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
8-12	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PERMANENT SIGNING (cont.)

SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE (in)	*** SIGNS TYPE II REFLECTIVE H SF	*** SIGNS TYPE II REFLECTIVE F SF	*** MOVING SIGNS TYPE II EACH	SIGN MOUNTED ON SAME POST AS #	DESCRIPTION
8-13	---	---	---	---	---	---		1400 S ONEIDA ST 1300
8-14	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
8-15	R1-1	2S	30X30	6.25	---	---		STOP
8-16	R3-2	2S	24X24	4	---	---	8-15	NO LEFT TURN SYMBOL
8-17	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
8-18	R7-9A	2S	18X24	3	---	---	8-17	NO PARKING BIKE LANE
8-19	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
8-20	---	---	---	---	---	---		E FREMONT ST 100
8-21	R3-8F	2S	36X30	7.5	---	---		LEFT ONLY / RIGHT ONLY
8-22	R8-3	2S	18X18	---	---	---		NO PARKING
8-23	R4-4	2S	36X30	7.5	---	---		BEGIN RIGHT TURN LANE - YIELD TO BIKES
9-01	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
9-02	R3-9D	2S	24X6	1	---	---		END (PLAQUE)
9-03	R3-9B	2S	24X36	6	---	---	9-02	CENTER LANE LEFT TURN ONLY SYMBOL
9-04	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
9-05	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
9-06	R3-9C	2S	24X6	1	---	---	9-05	BEGIN (PLAQUE)
9-07	R3-9B	2S	24X36	6	---	---	9-05	CENTER LANE LEFT TURN ONLY SYMBOL
9-08	---	---	---	---	---	---		S ONEIDA ST 1200
9-09	---	---	---	---	---	---	9-08	E HARRISON ST 100
9-10	R1-1	2S	30X30	6.25	---	---	9-08	STOP
9-11	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
9-12	R3-9D	2S	24X6	1	---	---		END (PLAQUE)
9-13	R3-9B	2S	24X36	6	---	---	9-12	CENTER LANE LEFT TURN ONLY SYMBOL
10-01	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
10-02	R3-9C	2S	24X6	1	---	---		BEGIN (PLAQUE)
10-03	R3-9B	2S	24X36	6	---	---	10-02	CENTER LANE LEFT TURN ONLY SYMBOL
10-04	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
10-05	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
10-06	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
10-07	---	---	---	---	---	---		S OLDE ONEIDA ST 1000
10-08	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
10-09	---	---	---	---	---	---		S ONEIDA ST 1000
10-10	D9-2	2S	24X24	4	---	---		HOSPITAL
10-11	MB6-1	2S	21X21	3.06	---	---	10-10	ARROW - RIGHT, LEFT, OR AHEAD - BLUE
10-12	R4-7C	2S	18X30	3.75	---	---		KEEP RIGHT
10-13	---	---	---	---	---	---		S ONEIDA ST 1100
10-14	---	---	---	---	---	---	10-13	E MCKINLEY ST 100
10-15	R1-1	2S	30X30	6.25	---	---	10-13	STOP
10-16	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
M10-01	---	---	---	---	---	1		
10-17	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
M10-02	---	---	---	---	---	1		
10-18	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
10-19	---	---	---	---	---	---		S ONEIDA ST 1100
10-20	R3-7R	2S	30X30	6.25	---	---		RIGHT LANE MUST TURN RIGHT
10-21	---	---	---	---	---	---		S OLDE ONEIDA ST 1000
10-22	R10-50L	2S	30X36	7.5	---	---		LEFT TURN YIELD ON FLASHING YELLOW ARROW
10-23	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
11-01	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PERMANENT SIGNING (cont.)

SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE (in)	*** SIGNS TYPE II REFLECTIVE H SF	*** SIGNS TYPE II REFLECTIVE F SF	*** MOVING SIGNS TYPE II EACH	SIGN MOUNTED ON SAME POST AS #	DESCRIPTION
11-02	R7-9A	2S	18X24	3	---	---	11-01	NO PARKING BIKE LANE
11-03	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
11-04	I3-1	2S	---	---	---	---		ONEIDA SKYLINE BRIDGE
M12-01	---	---	---	---	---	1		
M12-02	---	---	---	---	---	1	M12-01	
12-01	R3-17	2S	30X24	5	---	---		BIKE LANE (BIKE SYMBOL)
12-02	R3-17B	2S	30X12	2.5	---	---	12-01	BIKE LANE ENDS PLAQUE
12-03	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
12-04	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
12-05	S5-2	2S	24X30	5	---	---	12-04	END SCHOOL ZONE
12-06	R3-17	2S	30X24	5	---	---		BIKE LANE (BIKE SYMBOL)
12-07	R3-17A	2S	30X12	2.50	---	---	12-06	BIKE LANE AHEAD PLAQUE
12-08	S1-1	4	48X48	---	12	---		SCHOOL ADVANCE
12-09	W16-9P	2S	24X12	---	2	---	12-08	AHEAD PLAQUE (YELLOW)
12-10	R2-6P	2S	24X18	3	---	---	12-08	FINES HIGHER PLAQUE
12-11	D9-2	2S	24X24	4	---	---		HOSPITAL
12-12	MB5-1L	2S	21X21	3.06	---	---	12-11	ADVANCED LEFT TURN ARROW - BLUE
12-13	R14-1 MOD	2S	18X24	3	---	---	12-11	TRUCK ROUTE
12-14	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
12-15	R7-9A	2S	18X24	3	---	---	12-14	NO PARKING BIKE LANE
12-16	R4-4	2S	36X30	7.5	---	---		BEGIN RIGHT TURN LANE - YIELD TO BIKES
13-01	D9-2	2S	24X24	4	---	---		HOSPITAL
13-02	MB5-1R	2S	21X21	3.06	---	---	13-01	ADVANCED RIGHT TURN ARROW - BLUE
13-03	R14-1 MOD	2S	18X24	3	---	---	13-01	TRUCK ROUTE
13-04	S4-51	2S	24X48	6.63	1.38	---		SCHOOL SPEED LIMIT
13-05	R3-17	2S	30X24	5	---	---	13-04	BIKE LANE (BIKE SYMBOL)
13-06	S1-1	4	48X48	---	12	---		SCHOOL ADVANCE
13-07	W16-9P	2S	24X12	---	2	---	13-06	AHEAD PLAQUE (YELLOW)
13-08	R2-6P	2S	24X18	3	---	---	13-06	FINES HIGHER PLAQUE
13-09	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
13-10	S5-2	2S	24X30	5	---	---	13-09	END SCHOOL ZONE
13-11	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
14-01	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
14-02	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
14-03	---	---	---	---	---	---		E CALUMET ST 300
14-04	---	---	---	---	---	---	14-03	S JEFFERSON ST 1900
14-05	R1-1	2S	30X30	6.25	---	---	14-03	STOP
14-06	---	---	---	---	---	---		E CALUMET ST 300
14-07	---	---	---	---	---	---	14-06	S MADISON ST 2000
14-08	R1-1	2S	30X30	6.25	---	---	14-06	STOP
14-09	R7-9A	2S	18X24	3	---	---		NO PARKING BIKE LANE
14-10	R2-1	2S	24X30	5	---	---		SPEED LIMIT 30 MPH
14-11	R3-17	2S	30X24	5	---	---		BIKE LANE (BIKE SYMBOL)
14-12	R3-17B	2S	30X12	2.5	---	---	14-11	BIKE LANE ENDS PLAQUE
14-13	---	---	---	---	---	---		E CALUMET ST 300
14-14	---	---	---	---	---	---	14-13	S JEFFERSON ST 1900
14-15	R1-1	2S	30X30	6.25	---	---	14-13	STOP
15-01	R4-4	2S	36X30	7.5	---	---		BEGIN RIGHT TURN LANE - YIELD TO BIKES
14-02	R3-17 MOD	2S	30X30	6.25	---	---		BIKE LANE (BIKE SYMBOL)
15-03	R1-1	2S	30X30	6.25	---	---		STOP

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

PERMANENT SIGNING (cont.)

SIGN #	SIGN CODE	SIGN SIZE	SIZE (in)	*** SIGNS TYPE II H SF	*** SIGNS TYPE II F SF	*** MOVING SIGNS EACH	SIGN MOUNTED POST AS #	DESCRIPTION
15-04	---	---	---	---	---	---		S OLDE ONEIDA ST 1000
15-05	---	---	---	---	---	---	15-04	E ORANGE ST 100
15-06	R1-1	2S	30X30	6.25	---	---	15-04	STOP
15-07	R3-17A	2S	30X12	2.50	---	---		BIKE LANE AHEAD PLAQUE
15-08	---	---	---	---	---	---		S OLDE ONEIDA ST 1000
15-09	---	---	---	---	---	---	15-08	E LINCOLN ST 100
15-10	R1-1	2S	30X30	6.25	---	---	15-08	STOP
15-11	R14-1 MOD	2S	18X24	3	---	---		TRUCK ROUTE
15-12	R7-9A	2S	18X24	3	---	---	15-11	NO PARKING BIKE LANE
TOTALS				920.93	98.38	4		

***FOR INFORMATION PURPOSES ONLY. PERMANENT SIGNING TO BE INSTALLED BY CITY OF APPLETON.

REMOVING SIGNS

SIGN #	SIGN CODE	SIGN MOUNTED ON SAME POST AS #	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	DESCRIPTION
1R-01	R2-1	---	1	---	SPEED LIMIT 30 MPH
1R-02	R8-3A	1R-01	1	---	NO PARKING
1R-03	R2-1	---	1	---	SPEED LIMIT 30 MPH
1R-04	R1-1	---	1	1	STOP
2R-01	D3-1	---	1	---	STREET NAME
2R-02	R2-1	---	1	---	SPEED LIMIT 30 MPH
2R-03	R8-3A	2R-02	1	---	NO PARKING
2R-04	R8-3A	---	1	---	NO PARKING
2R-05	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
2R-06	R8-3A	2R-05	1	---	NO PARKING
2R-07	D3-1	---	1	---	STREET NAME
2R-08	D3-1	---	1	---	STREET NAME
2R-09	R2-1	---	1	---	SPEED LIMIT 30 MPH
2R-10	R8-3A	2R-09	1	---	NO PARKING
3R-01	R1-1	---	1	1	STOP
3R-02	R1-1	---	1	1	STOP
3R-03	R3-9B	---	1	---	CENTER LANE LEFT TURN ONLY SYMBOL
3R-04	R8-3A	3R-03	1	---	NO PARKING
3R-05	R1-1	---	1	1	STOP
3R-06	R8-3A	---	1	---	NO PARKING
4R-01	R5-1	---	1	---	DO NOT ENTER
4R-02	R3-9B	4R-01	1	---	CENTER LANE LEFT TURN ONLY SYMBOL
4R-03	R8-3A	4R-01	1	---	NO PARKING
4R-04	R6-2R	---	1	1	ONE WAY RIGHT ARROW
4R-05	R2-1	---	1	---	SPEED LIMIT 30 MPH
4R-06	R6-2R	---	1	1	ONE WAY RIGHT ARROW
4R-07	R1-1	---	1	1	STOP
4R-08	R4-7	---	1	1	KEEP RIGHT
4R-09	S1-1	---	1	---	SCHOOL ADVANCE
4R-10	S16-9P	4R-09	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
4R-11	R8-3A	4R-09	1	---	NO PARKING
4R-12	R6-2R	---	1	1	ONE WAY RIGHT ARROW
4R-13	R1-1	---	1	1	STOP
4R-14	S4-51	---	1	---	SCHOOL SPEED LIMIT
4R-15	R8-3A	4R-14	1	---	NO PARKING
4R-16	R6-2R	4R-06	1	---	ONE WAY RIGHT ARROW
5R-01	R8-3A	---	1	1	NO PARKING
5R-02	R4-7	---	1	---	KEEP RIGHT
5R-03	D3-1	---	1	---	STREET NAME
5R-04	D3-1	---	1	---	STREET NAME
5R-05	R8-3A	---	1	1	NO PARKING
5R-06	D3-1	---	1	---	STREET NAME
5R-07	R4-7	---	1	---	KEEP RIGHT
5R-08	R8-3A	---	1	---	NO PARKING
5R-09	R6-2R	---	1	1	ONE WAY RIGHT ARROW
5R-10	S4-51	---	1	---	SCHOOL SPEED LIMIT
5R-11	S1-1	---	1	---	SCHOOL ADVANCE
5R-12	S16-9P	5R-11	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
5R-13	R4-7	---	1	1	KEEP RIGHT
5R-14	R4-7	---	1	1	KEEP RIGHT
SUBTOTAL			**50**	**15**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

REMOVING SIGNS (cont.)

SIGN #	SIGN CODE	SIGN MOUNTED ON SAME POST AS #	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	DESCRIPTION
5R-15	D3-1	---	1	---	STREET NAME
5R-16	D3-1	---	1	---	STREET NAME
5R-17	R8-3A	---	1	1	NO PARKING
5R-18	D3-1	---	1	---	STREET NAME
5R-19	I2-2	---	1	---	COUNTY LINE NAME
5R-20	D3-1	5R-19	1	---	STREET NAME
5R-21	R8-3A	---	1	---	NO PARKING
5R-22	D9-2	---	1	---	HOSPITAL
5R-23	D5-5C	5R-22	1	---	ARROW
5R-24	R6-2R	5R-09	1	---	ONE WAY RIGHT ARROW
5R-25	R1-1	---	1	1	STOP
5R-26	R2-1	---	1	---	SPEED LIMIT 30 MPH
5R-27	R4-7	---	1	1	KEEP RIGHT
5R-28	R8-3A	---	1	---	NO PARKING
5R-29	R1-1	---	1	1	STOP
5R-30	S1-1	---	1	---	SCHOOL ADVANCE
5R-31	S16-9P	5R-30	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
6R-01	R2-1	---	1	---	SPEED LIMIT 30 MPH
6R-02	R8-3A	6R-01	1	---	NO PARKING
6R-03	R8-3A	---	1	---	NO PARKING
6R-04	R1-1	---	1	1	STOP
6R-05	S1-1	---	1	---	SCHOOL ADVANCE
6R-06	S16-7L	6R-05	1	---	LEFT DIAGONAL DOWNWARD POINTING ARROW (FLUORESCENT)
6R-07	R8-3A	6R-05	1	---	NO PARKING
6R-08	S4-51	---	1	---	SCHOOL SPEED LIMIT
6R-09	S4-51	---	1	---	SCHOOL SPEED LIMIT
6R-10	R8-3A	---	1	1	NO PARKING
6R-11	S1-1	---	1	---	SCHOOL ADVANCE
6R-12	S16-7L	6R-11	1	---	LEFT DIAGONAL DOWNWARD POINTING ARROW (FLUORESCENT)
6R-13	R8-3A	---	1	---	NO PARKING
6R-14	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
6R-15	R2-1	---	1	---	SPEED LIMIT 30 MPH
6R-16	R8-3A	6R-15	1	---	NO PARKING
7R-01	R8-3A	---	1	---	NO PARKING
7R-02	S1-1	---	1	---	SCHOOL ADVANCE
7R-03	S16-9P	7R-02	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
7R-04	R8-3A	---	1	---	NO PARKING
7R-05	D3-1	---	1	---	STREET NAME
7R-06	R5-2	7R-05	1	---	NO TRUCKS SYMBOL
7R-07	R5-2	---	1	---	NO TRUCKS SYMBOL
7R-08	D3-1	---	1	---	STREET NAME
7R-09	R3-8M	7R-08	1	---	LEFT ONLY / AHEAD ONLY / AHEAD, RIGHT
7R-10	R8-3A	---	1	---	NO PARKING
7R-11	R3-8M	---	1	---	LEFT ONLY / AHEAD ONLY / AHEAD, RIGHT
7R-12	D3-1	---	1	---	STREET NAME
7R-13	R3-8M	7R-12	1	---	LEFT ONLY / AHEAD ONLY / AHEAD, RIGHT
7R-14	R8-3A	7R-12	1	---	NO PARKING
7R-15	R8-3A	---	1	---	NO PARKING
7R-16	D9-2	7R-15	1	---	HOSPITAL
8R-01	R8-3A	---	1	---	NO PARKING
SUBTOTAL			**50**	**6**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

REMOVING SIGNS (cont.)

SIGN #	SIGN CODE	SIGN MOUNTED ON SAME POST AS #	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	DESCRIPTION
8R-02	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
8R-03	R2-1	---	1	---	SPEED LIMIT 30 MPH
8R-04	R8-3A	8R-03	1	---	NO PARKING
8R-05	R8-3A	---	1	---	NO PARKING
8R-06		8R-05		---	REID MUNICIPAL GOLF COURSE
8R-07	R2-1	---	1	---	SPEED LIMIT 30 MPH
8R-08	R8-3A	8R-07	1	---	NO PARKING
8R-09	R8-3A	---	1	---	NO PARKING
8R-10	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
8R-11	R8-3A	8R-10	1	---	NO PARKING
8R-12	D3-1	---	1	---	STREET NAME
8R-13		8R-12		---	REID MUNICIPAL GOLF COURSE
8R-14	D3-1	---	1	---	STREET NAME
8R-15	R8-3A	8R-14	1	---	NO PARKING
9R-01	R8-3A	---	1	---	NO PARKING
9R-02	R8-3A	---	1	---	NO PARKING
9R-03	R2-1	---	1	---	SPEED LIMIT 30 MPH
9R-04	R8-3A	---	1	---	NO PARKING
9R-05	R1-1	---	1	---	STOP
9R-06	D3-1	9R-05	1	---	STREET NAME
9R-07	D3-1	9R-05	1	---	STREET NAME
9R-08	R2-1	---	1	---	SPEED LIMIT 30 MPH
10R-01	R8-3A	---	1	---	NO PARKING
10R-02	R4-7	---	1	1	KEEP RIGHT
10R-03	R8-3A	---	1	---	NO PARKING
10R-04	R4-7	---	1	---	KEEP RIGHT
10R-05	D3-1	---	1	---	STREET NAME
10R-06	R1-1	---	1	1	STOP
10R-07	R8-3A	10R-07	1	---	NO PARKING
10R-08	R8-3A	---	1	---	NO PARKING
10R-09	R14-1 MOD	10R-09	1	---	TRUCK ROUTE (MOD)
10R-10	D3-1	---	1	---	STREET NAME
10R-11	D3-1	---	1	---	STREET NAME
10R-12	R4-7	---	1	---	KEEP RIGHT
11R-01	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
11R-02	R3-17	---	1	---	BIKE LANE (BIKE SYMBOL)
11R-03	R3-17B	11R-02	1	---	BIKE LANE ENDS PLAQUE
11R-04	R3-17	---	1	1	BIKE LANE (BIKE SYMBOL)
11R-05	R8-3A	11R-04	1	---	NO PARKING
11R-06	I-3	---	1	---	ONEIDA SKYLINE BRIDGE
11R-07	R2-1	11R-06	1	---	SPEED LIMIT 30 MPH
12R-01	R14-1	---	1	1	TRUCK ROUTE
12R-02		---	1	1	TOWN OF MENASHA
12R-03	R2-1	---	1	1	SPEED LIMIT 30 MPH
12R-04	R7-13	12R-03	1	---	NO PARKING THIS SIDE OF STREET
12R-05	S1-1	---	1	---	SCHOOL ADVANCE
12R-06	S16-9P	12R-05	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
12R-07	S4-51	---	1	---	SCHOOL SPEED LIMIT
13R-01	D9-2	---	1	1	HOSPITAL
13R-02	D5-5C	13R-01	1	---	ARROW
SUBTOTAL			**48**	**7**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

REMOVING SIGNS (cont.)

SIGN #	SIGN CODE	SIGN MOUNTED ON SAME POST AS #	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	DESCRIPTION
13R-03	S4-51	---	1	---	SCHOOL SPEED LIMIT
13R-04	R8-3A	13R-03	1	---	NO PARKING
13R-05	S1-1	---	1	---	SCHOOL ADVANCE
13R-06	S16-9P	13R-05	1	---	AHEAD PLAQUE (FLUORESCENT YELLOW GREEN)
13R-07	R8-3A	---	1	---	NO PARKING
13R-08	R2-1	---	1	---	SPEED LIMIT 30 MPH
13R-09	R8-3A	13R-08	1	---	NO PARKING
14R-01	R2-1	---	1	---	SPEED LIMIT 30 MPH
14R-02	R8-3A	14R-01	1	---	NO PARKING
14R-03	R1-1	---	1	1	STOP
14R-04	R8-3A	---	1	---	NO PARKING
14R-05	R1-1	---	1	1	STOP
14R-06	R8-3A	---	1	---	NO PARKING
14R-07	R8-3A	---	1	---	NO PARKING
15R-01	R8-3A	---	1	---	NO PARKING
15R-02	R8-3A	---	1	---	NO PARKING
15R-03	R7-1L	---	1	1	NO PARKING ANY TIME - LEFT ARROW
15R-04	R1-1	---	1	1	STOP
15R-05	R8-3A	---	1	1	NO PARKING
15R-06	R8-3A	---	1	1	NO PARKING
15R-07	R8-3A	---	1	1	NO PARKING
15R-08	R7-1R	---	1	1	NO PARKING ANY TIME - RIGHT ARROW
15R-09	R1-1	---	1	1	STOP
15R-10	R1-1	---	1	1	STOP
15R-11	R2-1	---	1	---	SPEED LIMIT 25 MPH
15R-12	R14-1 MOD	---	1	---	TRUCK ROUTE (MOD)
SUBTOTAL			**26**	**10**	
TOTALS			**174**	**38**	

TRAFFIC CONTROL SIGNS FIXED MESSAGE

LOCATION	SIGN SIZE	*643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF
E WILSON AVE		
STAGE 2	36" X 60"	15.00
E TAFT AVE		
STAGE 2	36" X 60"	15.00
E FREMONT ST		
STAGE 2	36" X 60"	15.00
OLDE ONEIDA ST		
STAGE 2	36" X 60"	15.00
W WILSON AVE		
STAGE 3	36" X 60"	15.00
W FOSTER ST		
STAGE 3	36" X 60"	15.00
PROJECT TOTALS		90.00

*MOUNT SIGNS ON TYPE III BARRICADES

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

TRAFFIC CONTROL ITEMS

LOCATION	* DAYS PER LOCATION	643.0300 DRUMS DAY	643.0410 BARRICADES TYPE II DAY	643.0420 BARRICADES TYPE III DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C DAY	643.0800 ARROW BOARDS DAY	643.0900 SIGNS DAY	** *** 643.1050 SIGNS PCMS DAY
PROJECT											
STAGE 1	20	5,700	160	380	35	35	760	500	20	1,060	7
STAGE 2	100	29,100	4,200	10,800	315	315	20,800	3,100	200	18,200	35
STAGE 3	85	18,445	595	6,205	225	225	11,900	3,570	425	10,795	14
UNDISTRIBUTED	---	5,330	500	1,740	60	60	3,350	720	70	3,010	---
TOTALS	---	58,575	5,455	19,125	635	635	36,810	7,890	715	33,065	56

*NON-BID ITEM (FOR INFORMATION ONLY)
**QUANTITIES INCLUDE SIGNS PLACED PRIOR TO CONSTRUCTION
***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

DETOUR ITEMS

LOCATION	* DAYS	** *** 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	*** 643.0900 TRAFFIC CONTROL SIGNS DAY
CALUMET ST DETOUR	95	14	8,455
UNDISTRIBUTED	---	10	850
TOTAL	---	24	9,305

*NON-BID ITEM (FOR INFORMATION ONLY)
**QUANTITIES INCLUDE SIGNS PLACED PRIOR TO CONSTRUCTION
***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

TEMPORARY MARKING

LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	649.0105 LINE PAINT 4-INCH YELLOW LF	649.0105 LINE PAINT 4-INCH WHITE LF	649.0150 LINE REMOVABLE TAPE 4-INCH YELLOW LF	649.0150 LINE REMOVABLE TAPE 4-INCH WHITE LF	649.0205 LINE PAINT 8-INCH WHITE LF	649.0250 LINE REMOVABLE TAPE 8-INCH WHITE LF	649.0505 ARROW PAINT EACH	649.0550 ARROW REMOVABLE TAPE EACH	649.0605 WORD PAINT EACH	649.0650 WORD REMOVABLE TAPE EACH	649.0805 STOP LINE PAINT 18-INCH LF	649.0850 STOP LINE REMOVABLE TAPE 18-INCH LF
ONEIDA ST																
STAGE 1	2,042	285	---	4	3,000	470	370	250	560	---	8	---	3	---	---	---
STAGE 2	5,370	---	115	7	10,800	4,960	10,995	1,735	150	320	4	---	2	---	130	72
STAGE 3	953	--	---	3	---	---	1,595	6,895	---	200	---	2	---	1	---	50
CALUMET ST																
STAGE 2	100	---	---	2	---	---	320	---	---	---	---	---	---	---	---	---
SUBTOTALS					13,800	5,430	13,280	8,880								
TOTALS	8,465	285	115	16	19,230		22,160		710	520	12	2	5	1	130	122

ALL ITEMS CATEGORY 0010 UNLESS NOTED

MARKING ITEMS

LOCATION	646.1020 LINE EPOXY 4-INCH (YELLOW) LF	646.1020 LINE EPOXY 4-INCH (WHITE) LF	646.3020 LINE EPOXY 8-INCH LF	646.5020 ARROW EPOXY EACH	646.5120 WORD EPOXY EACH	646.5220 SYMBOL EPOXY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	646.7120 DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7120 DIAGONAL EPOXY 12-INCH (WHITE) LF	646.7420 CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 CURB EPOXY LF	646.8220 ISLAND NOSE EPOXY EACH	SPV.0060.19 GROOVED CONTRAST PREFORMED THERMOPLASTIC YIELD LINE 36-INCH EACH	SPV.0090.08 LINE EPOXY 6-INCH LF	SPV.0090.09 GROOVED CONTRAST PREFORMED THERMOPLASTIC CROSSWALK 18-INCH LF
ONEIDA ST (STAGE 3)															
71+47 - 76+00	1,286	213	16	3	---	1	---	---	---	---	---	---	----	850	---
76+00 - 82+00	1,365	250	251	9	---	3	69	69	14	278	---	---	---	1005	---
82+00 - 88+00	1,533	263	138	7	---	4	---	13	10	---	---	---	---	978	---
88+00 - 94+00	225	288	344	7	1	3	---	---	5	---	10	1	---	1038	---
94+00 - 100+00	115	225	466	8	1	4	79	---	63	358	30	3	---	676	---
100+00 - 106+00	1,594	225	67	2	---	2	20	51	---	221	---	---	18	1107	144
106+00 - 111+00	825	200	323	6	3	2	96	29	---	363	---	---	---	825	---
111+00 - 117+00	1,055	225	246	6	---	2	68	46	---	265	20	2	---	1073	---
117+00 - 122+50	1,493	263	180	6	---	3	---	---	---	---	---	---	---	1028	---
122+50 - 128+50	161	250	152	9	---	3	125	---	90	575	30	3	---	1355	---
128+50 - 134+50	700	288	192	1	1	---	---	---	7	---	---	---	---	640	---
13-+50 - 140+00	40	125	---	---	---	---	---	---	---	---	---	---	---	---	---
CALUMET ST (STAGE 2)															
212+50 - 213+50	155	38	171	2	1	1	40	---	11	162	---	---	---	182	---
213+50 -219+00	1,465	275	360	3	---	2	---	---	---	---	---		---	1101	---
219+00 - 223+63	926	213	---	3	3	3	---	---	---	---	---	---	---	807	---
CALUMET ST (STAGE 3)															
205+47 - 210+50	1,812	---	437	4	4	2	---	82	---	---	---	---	---	760	---
210+50 - 212+50	309	25	327	4	---	2	54	---	5	174	---	---	---	87	---
OLDE ONEIDA ST															
STAGE 2															
300+75 - 304+33	1,002	---	276	6	---	6	38	---	---	206	---	---	---	560	104
TAFT AVENUE															
STAGE 2	518	---	133	2	---	---	28	---	---	109	---	---	---	---	---
FREMONT ST															
STAGE 2	389	---		8	2	7	25	---	10	145	---	---	---	221	---
SEYMOUR ST															
STAGE 3	559	---	219	2	1	---	27	---	---	98	---	---	---	---	---
SUBTOTAL	17,526	3,363						289	215						
TOTALS	20,889		4,296	98	17	50	667	504		2,952	90	9	18	14,291	248

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

TEMPORARY PEDESTRIAN ACCOMMODATIONS

LOCATION	644.1410.S TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1601.S TEMPORARY CURB RAMP EACH	644.1616.S TEMPORARY PEDESTRIAN SAFETY FENCE LF
STAGE / LOCATION				
STAGE 1				
101+86 - 102+14 LT	140	---	---	---
114+30 - 118+90 LT	2,510	---	---	---
STAGE 2				
E TAFT AVE	---	120	1	60
CALUMET STREET	---	120	1	60
W SEYMOUR STREET	---	100	1	50
STAGE 3				
E TAFT AVE	---	170	1	90
CALUMET STREET	---	120	1	60
W FOSTER STREET	---	120	1	60
W SEYMOUR STREET	---	160	1	80
UNDISTRIBUTED		100	2	50
TOTAL	2,650	1,010	9	510

CONSTRUCTION STAKING*

LOCATION	650.4500 SUBGRADE LF	650.7000 CONCRETE PAVEMENT LF	650.9920 SLOPE STAKES LF
ONEIDA ST			
71+47 - 89+77	1,830	1,830	1,830
89+77 - 99+00	1,850	1,850	1,850
99+00 - 123+40	2,440	2,440	2,440
123+40 - 131+67	1,650	1,650	1,650
CALUMET ST			
205+47 - 223+63	1,820	1,820	1,820
OLDE ONEIDA ST			
300+50 - 304+33	380	380	380
ORANGE ST			
287+87 - 289+75	190	190	190
TOTALS	10,160	10,160	10,160

* ADDITIONAL STAKING ITEMS SHOWN ELSEWHERE

FIELD OFFICE TYPE C

LOCATION	642.5201 EACH
ID 4984-01-74	1
TOTAL	1

CONSTRUCTION STAKING STORM SEWER

LOCATION	650.4000 EACH
INLETS 3-FT DIAMETER	2
INLETS 4-FT DIAMETER	32
INLETS 2X3-FT	84
INLETS MEDIAN 1 GRATE	4
TOTAL	122

GENERAL LIGHTING QUANTITIES

STAGE	LOCATION	650.8500 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS LS
2 & 3	PROJECT	1
	TOTAL	1

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONDUIT RIGID NONMETALLIC

STAGE	FROM	TO	652.0310 SCHEDULE 80 1-INCH LF	*652.0325 SCHEDULE 80 2-INCH LF	652.0335 SCHEDULE 80 3-INCH LF
ONEIDA ST & OLDE ONEIDA ST					
2	CB1	SB1	---	9	---
2	CB1	SB2	---	19	---
3	CB1	SB3	---	105	---
3	CB1	SB4	---	125	---
3	CB1	SB5	---	170	---
3	CB1	SB6	---	223	---
3	CB1	SB7	---	205	---
2	CB1	SB8	---	100	---
2	CB1	SB9	---	115	---
2	CB1	SB10	---	105	---
2	CB1	SB11	---	10	---
3	CB1	PB1	---	90	---
3	CB1	PB2	---	190	---
2	CB1	CV9	---	12	---
2	CB1	UTILITY POLE	---	---	100
INTERSECTION TOTAL				1,478	100
ONEIDA ST & FREMONT ST					
2	CB1	SB1	---	4	---
2	CB1	SB2	---	90	---
2	CB1	SB3	---	105	---
2	CB1	SB4	---	120	---
3	CB1	SB5	---	183	---
3	CB1	SB6	---	163	---
3	CB1	SB7	---	130	---
3	CB1	SB8	---	99	---
2	CB1	SB9	---	14	---
2	CB1	PB1	---	135	---
2	CB1	CV7	---	5	---
2	CB1	UTILITY POLE	---	---	100
INTERSECTION TOTAL				1,048	100
ONEIDA ST & SEYMOUR ST					
2	CB1	SB1	---	30	---
2	CB1	SB2	---	47	---
2	CB1	SB3	---	110	---
2	CB1	SB4	---	120	---
3	CB1	SB5	---	177	---
3	CB1	SB6	---	197	---
3	CB1	SB7	---	177	---
3	CB1	SB8	---	105	---
3	CB1	SB9	---	95	---
2	CB1	PB1	---	175	---
2	CB1	PB2	---	30	---
2	CB1	CV6	---	3	---
3	CB1	UTILITY POLE	---	---	100
INTERSECTION TOTAL				1,266	100

CONDUIT RIGID NONMETALLIC (CONTINUED)

STAGE	FROM	TO	652.0310 SCHEDULE 80 1-INCH LF	*652.0325 SCHEDULE 80 2-INCH LF	652.0335 SCHEDULE 80 3-INCH LF
ONEIDA ST & CALUMET ST					
3	CB1	SB1	---	19	---
3	CB1	SB2	---	115	---
3	CB1	SB3	---	165	---
3	CB1	SB4	---	150	---
3	CB1	SB5	---	205	---
3	CB1	SB6	---	225	---
3	CB1	SB7	---	145	---
3	CB1	SB8	---	135	---
3	CB1	SB9	---	140	---
3	CB1	SB10	---	32	---
3	CB1	PB1	---	27	---
3	CB1	PB2	---	200	---
3	CB1	PB3	---	190	---
3	CB1	PB4	---	125	---
3	CB1	CV4	---	139	---
3	CB1	UTILITY POLE	---	---	50
INTERSECTION TOTAL				2,012	50
ONEIDA ST & TAFT AVE					
2	CB1	SB1	---	4	---
2	CB1	SB2	---	15	---
3	CB1	SB3	---	90	---
3	CB1	SB4	---	115	---
3	CB1	SB5	---	135	---
3	CB1	SB6	---	160	---
2	CB1	SB7	---	85	---
2	CB1	SB8	---	75	---
2	CB1	SB9	---	7	---
2	CB1	PB1	---	35	---
2	CB1	EXISTING	40	---	---
2	CB1	CV2	---	5	---
2	CB1	UTILITY POLE	---	---	15
INTERSECTION TOTAL			40	726	15

CONDUIT RIGID NONMETALLIC (CONTINUED)

STAGE	FROM	TO	652.0310 SCHEDULE 80 1-INCH LF	*652.0325 SCHEDULE 80 2-INCH LF	652.0335 SCHEDULE 80 3-INCH LF
INTERCONNECT					
2	EXISTING	CV1	---	926	---
2	CV1	CV2	---	858	---
2	CV2	CV3	---	1,790	---
2	CV3	CV4	---	1,382	---
2	CV4	CV5	---	678	---
2	CV5	CV6	---	1,768	---
2	CV6	CV7	---	1,502	---
2	CV7	CV8	---	1,462	---
2	CV8	CV9	---	1,054	---
2	CV9	CV10	---	640	---
2	CB1[P]	SFB1	---	250	---
2	CB1[P]	SFB2	---	5	---
3	CB1[P]	SFB3	---	75	---
3	CB1[P]	SFB4	---	390	---
2	CB1[P]	CB1S	---	495	---
3	CV4	CB1C	---	140	---
3	CV4	UTILITY POLE	---	135	---
INTERCONNECT TOTAL				13,550	0
TOTAL			40	20,080	365

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

[P]POLE-MOUNTED CABINET NEAR FOSTER ST

ALL ITEMS CATEGORY 0010 UNLESS NOTED

LIGHTING BRANCH CIRCUIT WIRE AND CONDUIT QUANTITIES (1 OF 2)

STAGE	FROM	TO	652.0325* CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0615** ELECTRICAL WIRE LIGHTING 10 AWG LF	SPV.0090.03 TRAY CABLE FOR STREET LIGHTING 2 CONDUCTOR 8 AWG LF
2	LPB901	LT1	35	165		
2	LT1	LT2	180		190	190
2	LT2	LT3	180		190	190
2	LT3	LT4	215		225	225
2	LT4	CABINET 'T'	265		280	280
2	CABINET 'T'	LT5	200		215	215
2	LT5	LT6	150		160	160
2	LT6	LT7	92		102	102
2	LT7	LT8	236		246	246
2	LT8	LT9	212		222	222
2	LT9	LPB-T1	207	215		
2	LPB-T1	LC1	35	43		
3	LC1	LC2	172		182	182
3	LC2	LPB-C2	83		91	91
3	LPB-C2	CABINET 'C'	274		293	293
3	CABINET ' C'	LC4	198		213	213
3	LC4	LC3	195		205	205
2 & 3	CABINET 'C'	LC5	359		374	374
3	CABINET 'C'	LPB-C2	175		196	196
3	LPB-C2	LC6	141		152	152
2	LS1	LS2	173		183	183
2	LS2	CABINET 'S'	147		162	162
2	CABINET 'S'	LPB-S1	154		169	169
2 & 3	LPB-S1	LS3	80		88	88
2	LPB-S1	LS4	103		111	111
2	LS4	LPB-S2	115		123	123
2 & 3	LPB-S2	LS5	38		46	46
2	LPB-S2	LPB-F1	145	155		
2 & 3	LPB-F1	LF1	80		88	88
2	LPB-F1	LF2	100		106	106
2	LF2	CABINET 'F'	142		157	157
2	CABINET 'F'	EXISTING POLE	75		115	115
		SUBTOTALS	4956	578	4884	4884

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
**MODIFIED TO SOLID CONDUCTOR

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

LIGHTING BRANCH CIRCUIT WIRE AND CONDUIT QUANTITIES (2 OF 2)

STAGE	FROM	TO	652.0325* CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0615** ELECTRICAL WIRE LIGHTING 10 AWG LF	SPV.0090.03 TRAY CABLE FOR STREET LIGHTING 2 CONDUCTOR 8 AWG LF
2	CABINET 'F'	LF3	263		278	278
2	LF3	LPB-F2	111		119	119
2 & 3	LPB-F2	LF4	80		88	88
2	LPB-F2	LF5	95		103	103
2	LF5	LPB-F3	119		127	127
2	LPB-F3	LF7	87		98	98
2 & 3	LPB-F3	LF6	85		96	96
2	LPB-L1	LL8	23		32	32
2	LL2	LL1	127		137	137
2 & 3	LPB-L1	LL3	71		80	80
3	LL3	LL2	170		180	180
2	LPB-L1	CABINET 'L'	190		203	203
2	CABINET 'L'	LPB-L2	120		133	133
2 & 3	LPB-L2	LL4	62		73	73
3	LL4	LL5	212		222	222
2	CABINET 'L'	LL6	154		169	169
2	LL6	LL7	120		130	130
2	LL7	EPB02	85		108	108
2	CABINET 'L'	EPB02	375	385		
		SUBTOTALS	2549	385	2376	2376
		TOTALS	7505	963	7260	7260

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** MODIFIED TO SOLID CONDUCTOR

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONCRETE BASES

STAGE	SIGNAL BASE NO.	ALIGNMENT	STATION	OFFSET	654.0102 CONCRETE BASES TYPE 2 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0113 CONCRETE BASES TYPE 13 EACH	SPV.0060.11 CONCRETE BASES CITY TYPE 1 (12 3/4" BOLT CIRCLE) EACH	SPV.0060.12 BASES CABINET BASEMENT EACH
ONEIDA ST & OLDE ONEIDA ST									
2	CB1	ONEIDA-NB	127+83	49.75' RT	---	---	---	---	1
2	SB1	ONEIDA-NB	127+85	42.50' RT	---	---	---	1	---
2	SB2	ONEIDA-NB	128+00	37.00' RT	---	---	1	---	---
3	SB3	ONEIDA-NB	127+81	57.50' LT	1	---	---	---	---
3	SB4	ONEIDA-NB	127+68	59.00' LT	---	1	---	---	---
3	SB5	ONEIDA-NB	127+24	60.00' LT	---	---	---	1	---
3	SB6	ONEIDA-NB	127+08	58.86' LT	---	---	---	1	---
3	SB7	ONEIDA-NB	126+88	59.25' LT	---	---	1	---	---
2	SB8	ONEIDA-NB	126+86	42.50' RT	1	---	---	---	---
2	SB9	ONEIDA-NB	126+96	52.25' RT	---	---	---	1	---
2	SB10	ONEIDA-NB	127+02	68.50' RT	---	1	---	---	---
2	SB11	ONEIDA-NB	127+76	51.50' RT	---	---	---	1	---
			INTERSECTION TOTALS		2	2	2	5	1
ONEIDA ST & FREMONT ST									
2	CB1	ONEIDA-NB	115+54	49.00' RT	---	---	---	---	1
2	SB1	ONEIDA-NB	115+58	45+50' RT	---	---	---	1	---
2	SB2	ONEIDA-NB	116+38	42.75' RT	1	---	---	---	---
2	SB3	ONEIDA-NB	116+55	30.25' RT	---	---	---	1	---
2	SB4	ONEIDA-NB	116+70	30.75' RT	---	1	---	---	---
3	SB5	ONEIDA-NB	116+49	48.50' LT	1	---	---	---	---
3	SB6	ONEIDA-NB	116+28	48.50' LT	---	---	---	1	---
3	SB7	ONEIDA-NB	115+96	48.50' LT	---	---	---	1	---
3	SB8	ONEIDA-NB	115+46	48.75' LT	---	---	1	---	---
2	SB9	ONEIDA-NB	115+45	38.25' RT	1	---	---	---	---
			INTERSECTION TOTALS		3	1	1	4	1
ONEIDA ST & SEYMOUR ST									
2	CB1	ONEIDA-NB	108+06	44.00' RT	---	---	---	---	1
2	SB1	ONEIDA-NB	108+30	36.50' RT	1	---	---	---	---
2	SB2	ONEIDA-NB	108+46	36.75' RT	---	1	---	---	---
2	SB3	ONEIDA-NB	109+06	40.50' RT	1	---	---	---	---
2	SB4	ONEIDA-NB	109+18	36.50' RT	---	---	1	---	---
3	SB5	ONEIDA-NB	109+21	49.00' LT	---	---	---	1	---
3	SB6	ONEIDA-NB	109+10	59.00' LT	---	---	---	1	---
3	SB7	ONEIDA-NB	109+00	75.25' LT	---	1	---	---	---
3	SB8	ONEIDA-NB	108+42	59.25' LT	---	---	---	1	---
3	SB9	ONEIDA-NB	108+28	47.75' LT	---	---	1	---	---
			INTERSECTION TOTALS		2	2	2	3	1

CONCRETE BASES (CONTINUED)

STAGE	SIGNAL BASE NO.	ALIGNMENT	STATION	OFFSET	654.0102 CONCRETE BASES TYPE 2 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0113 CONCRETE BASES TYPE 13 EACH	SPV.0060.11 CONCRETE BASES CITY TYPE 1 (12 3/4" BOLT CIRCLE) EACH	SPV.0060.12 BASES CABINET BASEMENT EACH
ONEIDA ST & CALUMET ST									
3	CB1	ONEIDA-NB	95+87	94.25' LT	---	---	---	---	1
3	SB1	ONEIDA-NB	95+85	76.50' LT	---	---	1	---	---
3	SB2	ONEIDA-NB	94+84	77.00' LT	1	---	---	---	---
3	SB3	ONEIDA-NB	94+72	62.50' LT	---	---	---	1	---
3	SB4	ONEIDA-NB	94+55	56.25' LT	---	---	1	---	---
2	SB5	ONEIDA-NB	94+75	37.00' RT	1	---	---	---	---
2	SB6	ONEIDA-NB	94+93	50.25' RT	---	---	1	---	---
2	SB7	ONEIDA-NB	95+85	51.75' RT	1	---	---	---	---
2	SB8	ONEIDA-NB	95+96	40.75' RT	---	---	---	1	---
2	SB9	ONEIDA-NB	96+11	36.00' RT	---	---	1	---	---
3	SB10	ONEIDA-NB	95+97	61.50' LT	1	---	---	---	---
			INTERSECTION TOTALS		4	0	4	2	1
ONEIDA ST & TAFT AVE									
2	CB1	ONEIDA-NB	80+14	46.00' RT	---	---	---	---	1
2	SB1	ONEIDA-NB	80+16	39.50' RT	---	---	---	1	---
2	SB2	ONEIDA-NB	80+24	30.75' RT	---	1	---	---	---
3	SB3	ONEIDA-NB	80+10	47.50' LT	1	---	---	---	---
3	SB4	ONEIDA-NB	79+77	47.50' LT	---	---	---	1	---
3	SB5	ONEIDA-NB	79+55	47.50' LT	---	---	---	1	---
3	SB6	ONEIDA-NB	79+27	47.75' LT	---	---	1	---	---
2	SB7	ONEIDA-NB	79+24	37.25' RT	1	---	---	---	---
2	SB8	ONEIDA-NB	79+35	45.75' RT	1	---	---	---	---
2	SB9	ONEIDA-NB	80+07	47.25' RT	---	---	---	1	---
			INTERSECTION TOTALS		3	1	1	4	1
SCHOOL ZONE CROSSING OVERHEAD ASSEMBLY									
2	SFB1	ONEIDA-NB	100+68	36.25' RT	1	---	---	---	---
2	SFB2	ONEIDA-NB	103+14	36.25' RT	1	---	---	---	---
3	SFB3	ONEIDA-NB	103+14	36.05' LT	1	---	---	---	---
3	SFB4	ONEIDA-NB	106+29	46.00' LT	1	---	---	---	---
			INTERSECTION TOTALS		4	0	0	0	0
			PROJECT TOTALS		18	6	10	18	5

3

ALL ITEMS CATEGORY 0010 UNLESS NOTED

LIGHTING UNIT QUANTITIES

STAGE	NO.	654.0105 CONCRETE BASES TYPE 5 EACH	654.0107 CONCRETE BASES TYPE 7 EACH	SPV.0060.01 MUNICIPAL POLES TYPE 5 EACH	SPV.0060.02 MUNICIPAL POLES TYPE 17 EACH	SPV.0060.03 MUNICIPAL LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	SPV.0060.04 MUNICIPAL LUMINAIRE ARMS SINGLE MEMBER 6-INCH CLAMP 8-FT EACH	SPV.0060.05 MUNICIPAL TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.06 MUNICIPAL TRANSFORMER BASES BREAKAWAY 15-17 INCH BOLT CIRCLE EACH	SPV.0060.07 MUNICIPAL LED LUMINAIRES TYPE 1 EACH	SPV.0060.08 MUNICIPAL LED LUMINAIRES TYPE 2 EACH	SPV.0060.09 MUNICIPAL LED LUMINAIRES TYPE 3 EACH	SPV.0090.02 * TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF
2	LT1		1		1		1		1			1	52
2	LT2		1		1		1		1			1	52
2	LT3		1		1		1		1			1	52
2	LT4		1		1		1		1			1	52
2	LT5		1		1		1		1			1	52
2	LT6	1		1		1		1			1		40
2	LT7		1		1		1		1			1	52
2	LT8		1		1		1		1			1	52
2	LT9		1		1		1		1			1	52
3	LC1	1		1		2		1		2			80
3	LC2	1		1		2		1		2			80
3	LC3		1		1		1		1	1			52
3	LC4		1		1		1		1			1	52
2	LC5		1		1		1		1			1	52
3	LC6	1		1		2		1		2			80
2	LS1		1		1		1		1			1	52
2	LS2		1		1		1		1			1	52
3	LS3	1		1		1		1			1		40
2	LS4	1		1		1		1			1		40
3	LS5	1		1		2		1		2			80
3	LF1	1		1		1		1			1		40
2	LF2	1		1		1		1			1		40
2	LF3	1		1		1		1			1		40
3	LF4	1		1		1		1			1		40
2	LF5	1		1		1		1			1		40
3	LF6	1		1		1		1			1		40
2	LF7	1		1		1		1			1		40
3	LL1	1		1		1		1			1		40
3	LL2	1		1		2		1		2			80
3	LL3	1		1		2		1		2			80
3	LL4	1		1		2		1		2			80
3	LL5	1		1		2		1		2			80
2	LL6	1		1		1		1		1			40
2	LL7	1		1		1		1		1			40
2	LL6	1		1		1		1		1			40
	TOTALS	22	13	22	13	30	13	22	13	20	11	12	1876

* ADDITIONAL CITY FURNISHED & INSTALLED QUANTITIES SHOWN ELSEWHERE

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC DETECTOR LOOPS

STAGE	FROM	LOOP DETECTOR NUMBER TO	STATION	OFFSET	NO. TURNS	655.0700 LOOP DETECTOR LEAD IN CABLE LF	SPV.0090.01 CONDUIT LOOP DETECTOR SPECIAL LF	SPV.0090.04 LOOP DETECTOR WIRE SPECIAL LF
ONEIDA ST & OLDE ONEIDA ST								
3	PB1	51	128+28	3.0' LT	4	98	27	112
3	PB2	11	126+47	20.00' LT	4	198	28	114
ONEIDA ST & FREMONT ST								
3	PB1	51	116+86	31.75' RT	4	143	54	166
ONEIDA ST & SEYMOUR ST								
3	PB1	51	109+74	32.00' RT	4	183	56	170
3	PB2	11	107+80	32.00' RT	4	38	55	168
ONEIDA ST & CALUMET ST								
3	PB1	71	95+77	119.25' LT	4	35	57	172
3	PB2	11	94+29	17.25' LT	4	208	32	122
3	PB3	31	95+76	97.75' RT	4	198	57	172
3	PB4	51	96+28	3.00' LT	4	133	28	114
ONEIDA ST & TAFT AVE								
3	PB1	51	80+50	30.25' RT	4	43	51	160
PROJECT TOTALS						1,277	445	1,470

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC SIGNAL POLES, STANDARDS, AND MAST ARMS

STAGE	SIG. BASE NO.	**** PEDESTAL BASES EACH	**** TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	**** TRAFFIC SIGNAL STANDARD 10-FT EACH	**** TRAFFIC SIGNAL STANDARD 13-FT EACH	**** TRAFFIC SIGNAL STANDARD 15-FT EACH	**** POLES TYPE 2 EACH	**** POLES TYPE 4 EACH	**** TROMBONE ARMS 25-FT EACH	657.1345 INSTALL POLES TYPE 9 EACH	657.1350 INSTALL POLES TYPE 10 EACH	657.1355 INSTALL POLES TYPE 12 EACH	657.1360 INSTALL POLES TYPE 13 EACH	657.1515 INSTALL MONOTUBE ARM 15-FT EACH	657.1520 INSTALL MONOTUBE ARM 20-FT EACH	657.1525 INSTALL MONOTUBE ARM 25-FT EACH	657.1530 INSTALL MONOTUBE ARM 30-FT EACH	657.1545 INSTALL MONOTUBE ARM 45-FT EACH	657.1550 INSTALL MONOTUBE ARM 50-FT EACH	**** INSTALL LUMINAIRE ARMS STEEL 6-FT EACH	**** LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH	**** LUMINAIRES LED EACH
ONEIDA ST & OLDE ONEIDA ST																						
2	SB1	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB2	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
3	SB3	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
3	SB4	---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	---
3	SB5	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB6	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB7	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
2	SB8	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB9	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB10	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	1	---	1
2	SB11	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL		5	2	3	2	0	0	2	0	1	1	0	2	0	1	0	1	0	2	3	2	5
ONEIDA ST & FREMONT ST																						
2	SB1	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB2	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB3	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB4	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	1	---	1
3	SB5	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
3	SB6	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB7	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB8	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	1	---	1
2	SB9	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
TOTAL		4	3	2	2	0	0	3	0	0	1	0	1	0	0	0	1	1	0	2	3	5
ONEIDA ST & SEYMOUR ST																						
2	SB1	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB2	---	---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	---	---	1	---	1
2	SB3	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB4	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	1	---	1
3	SB5	1	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB6	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB7	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	---	1	---	1
3	SB8	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB9	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	1	---	1
TOTAL		4	1	1	2	1	0	1	0	0	2	0	2	1	0	1	0	2	0	4	1	5

**** FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

TRAFFIC SIGNAL POLES, STANDARDS, AND MAST ARMS CONTINUED

STAGE	SIG. BASE NO.	**** PEDESTAL BASES EACH	**** TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	**** TRAFFIC SIGNAL STANDARD 10-FT EACH	**** TRAFFIC SIGNAL STANDARD 13-FT EACH	**** TRAFFIC SIGNAL STANDARD 15-FT EACH	**** POLES TYPE 2 EACH	**** POLES TYPE 4 EACH	**** TROMBONE ARMS 25-FT EACH	657.1345 INSTALL POLES TYPE 9 EACH	657.1350 INSTALL POLES TYPE 10 EACH	657.1355 INSTALL POLES TYPE 12 EACH	657.1360 INSTALL POLES TYPE 13 EACH	657.1515 INSTALL MONOTUBE ARM 15-FT EACH	657.1520 INSTALL MONOTUBE ARM 20-FT EACH	657.1525 INSTALL MONOTUBE ARM 25-FT EACH	657.1530 INSTALL MONOTUBE ARM 30-FT EACH	657.1545 INSTALL MONOTUBE ARM 45-FT EACH	657.1550 INSTALL MONOTUBE ARM 50-FT EACH	**** INSTALL LUMINAIRE ARMS STEEL 6-FT EACH	**** LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH	**** LUMINAIRES LED EACH
ONEIDA ST & CALUMET ST																						
3	SB1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
3	SB2	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
3	SB3	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB4	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
2	SB5	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB6	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
2	SB7	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB8	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB9	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	---	1
3	SB10	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
TOTAL		2	4	2	0	0	0	4	0	0	0	0	4	0	0	0	0	0	4	4	4	8
ONEIDA ST & TAFT AVE																						
2	SB1	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SB2	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	1	---	1
3	SB3	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
3	SB4	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB5	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SB6	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---
2	SB7	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB8	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1
2	SB9	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL		4	3	1	3	0	0	3	0	0	1	1	0	0	0	0	1	1	0	1	3	4
ONEIDA ST & FOSTER AVE																						
2	SFB1	---	1	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	SBB2	---	1	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SFB3	---	1	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
3	SFB4	---	1	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL		0	4	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	
PROJECT TOTALS		19	17	9	9	1	4	13	4	1	5	1	9	1	1	1	3	4	6	14	13	27

**** FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

ALL ITEMS CATEGORY 0010 UNLESS NOTED

SIGNAL FACES

STAGE	SIG. BASE NO.	SIG. HEAD NO.	TYPE OF MOUNT	**** 3-12" VERT. EACH	**** 4-12" VERT. EACH	**** LED RED BALL EACH	**** LED YELLOW BALL EACH	**** LED GREEN BALL EACH	**** LED RED ARROW EACH	**** LED YELLOW ARROW EACH	**** LED GREEN ARROW EACH	**** BCKPLT 3-SEC. EACH	**** BCKPLT 4-SEC. EACH	**** PEDESTRIAN SIGNAL FACE 16-INCH EACH	**** LED MODULES COUNTDOWN TIMER 16-INCH EACH	**** PEDESTRIAN PUSH BUTTONS EACH
ONEIDA ST & OLDE ONEIDA ST																
2	SB1	19	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB2	3	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		4	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		5	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB3	2	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		9	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		20	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB4	8	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		21	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB5	7	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		14	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		22	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB6	23	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB7	11	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		12	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		13	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
2	SB8	1	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		10	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		24	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB9	17	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB10	16	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
2	SB11	6	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		15	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		18	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
			TOTAL	12	4	12	12	12	4	8	4	12	4	8	8	8
ONEIDA ST & FREMONT ST																
2	SB1	12	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB2	4	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---			---
		13	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB3	14	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB4	2	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		3	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB5	7	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		15	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB6	6	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB7	5	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB8	9	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		10	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		11	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		16	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB9	1	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		8	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		17	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
			TOTAL	9	2	9	9	9	2	4	2	9	2	6	6	6

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

3

SIGNAL FACES (CONTINUED)

STAGE	SIG. BASE NO.	SIG. HEAD NO.	TYPE OF MOUNT	**** 3-12" VERT. EACH	**** 4-12" VERT. EACH	**** LED RED BALL EACH	**** LED YELLOW BALL EACH	**** LED GREEN BALL EACH	**** LED RED ARROW EACH	**** LED YELLOW ARROW EACH	**** LED GREEN ARROW EACH	**** BCKPLT 3-SEC. EACH	**** BCKPLT 4-SEC. EACH	**** PEDESTRIAN SIGNAL FACE 16-INCH EACH	**** LED MODULES COUNTDOWN TIMER 16-INCH EACH	**** PEDESTRIAN PUSH BUTTONS EACH
ONEIDA ST & SEYMOUR ST																
2	SB1	1	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		10	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		24	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB2	16	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		17	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB3	6	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		15	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		18	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB4	3	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		4	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		5	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		19	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB5	2	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		9	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		20	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB6	21	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	---	---	1
3	SB7	8	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	1	1	---
3	SB8	7	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		14	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		22	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB9	11	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		12	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		13	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		23	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
			TOTAL	12	4	12	12	12	4	8	4	12	4	8	8	8

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

SIGNAL FACES (CONTINUED)

STAGE	SIG. BASE NO.	SIG. HEAD NO.	TYPE OF MOUNT	**** 3-12" VERT. EACH	**** 4-12" VERT. EACH	**** LED RED BALL EACH	**** LED YELLOW BALL EACH	**** LED GREEN BALL EACH	**** LED RED ARROW EACH	**** LED YELLOW ARROW EACH	**** LED GREEN ARROW EACH	**** BCKPLT 3-SEC. EACH	**** BCKPLT 4-SEC. EACH	**** PEDESTRIAN SIGNAL FACE 16-INCH EACH	**** LED MODULES COUNTDOWN TIMER 16-INCH EACH	**** PEDESTRIAN PUSH BUTTONS EACH
ONEIDA ST & CALUMET ST																
3	SB1	8	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		9	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		10	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		25	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB2	7	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		16	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		26	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB3	27	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB4	13	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		14	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		15	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
2	SB5	1	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		12	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		28	POST MOUNT VERTICAL	---		---	---	---	---	---	---	---	---	1	1	1
2	SB6	18	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		19	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		20	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		21	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB7	6	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		17	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		22	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB8	23	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB9	3	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		4	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		5	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB10	2	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		11	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		24	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
			TOTAL	12	8	12	12	12	8	16	8	12	8	8	8	8

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

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SIGNAL FACES (CONTINUED)

STAGE	SIG. BASE NO.	SIG. HEAD NO.	TYPE OF MOUNT	**** 3-12" VERT. EACH	**** 4-12" VERT. EACH	**** LED RED BALL EACH	**** LED YELLOW BALL EACH	**** LED GREEN BALL EACH	**** LED RED ARROW EACH	**** LED YELLOW ARROW EACH	**** LED GREEN ARROW EACH	**** BCKPLT 3-SEC. EACH	**** BCKPLT 4-SEC. EACH	**** PEDESTRIAN SIGNAL FACE 16-INCH EACH	**** LED MODULES COUNTDOWN TIMER 16-INCH EACH	**** PEDESTRIAN PUSH BUTTONS EACH
ONEIDA ST & TAFT AVE																
2	SB1	15	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB2	2	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		3	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB3	7	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		14	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
3	SB4	6	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB5	5	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
3	SB6	9	MONOTUBE ARM MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		10	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		11	MONOTUBE ARM MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		13	MONOTUBE UPRIGHT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB7	1	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		8	POST MOUNT VERTICAL	---	1	---	---	---	1	2	1	---	1	---	---	---
		12	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB8	17	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
2	SB9	4	POST MOUNT VERTICAL	1	---	1	1	1	---	---	---	1	---	---	---	---
		16	POST MOUNT VERTICAL	---	---	---	---	---	---	---	---	---	---	1	1	1
			TOTAL	9	2	9	9	9	2	4	2	9	2	6	6	6
			PROJECT TOTALS	54	20	54	54	54	20	40	20	54	20	36	36	36

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

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TEMPORARY TRAFFIC SIGNALS

STAGE	LOCATION	661.0200.01 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS (S ONEIDA ST & CALUMET ST) LS
1	S ONEIDA ST & CALUMET ST	1
	TOTAL	1

FIBER OPTIC SPLICES & SPLICE ENCLOSURES

INTERSECTION/LOCATION	CABINET OR VAULT NUMBER	678.0200 SPLICE ENCLOSURE EACH	678.0300 SPLICE (SM) EACH
CATEGORY			
E TAFT AVE	CV2	1	12
W CALUMET ST	CV4	1	24
W SEYMOUR ST	CV6	1	12
E FREMONT ST	CV7	1	12
S OLDE ONEIDA ST	CV9	1	6
W VALLEY RD / E ROELAND AVE	EXCV	1	6
	PROJECT TOTALS	6	72

3

SAWING ASPHALT

LOCATION	690.0150 LF
ONEIDA ST	
71+47 - 76+00	360
76+00 - 82+00	860
82+00 - 88+00	715
88+00 - 94+00	735
94+00 - 100+00	315
100+00 - 106+00	90
106+00 - 111+00	35
111+00 - 117+00	135
117+00 - 122+50	230
122+50 - 128+50	215
128+50 - 131+67	---
CALUMET ST	
205+47 - 210+00	310
210+00 - 215+00	415
215+00 - 221+00	125
221+00 - 223+63	225
OLDE ONEIDA ST	
300+50 - 304+33	85
ORANGE ST	
287+87 - 289+75	---
TOTAL	4,850

SAWING CONCRETE

LOCATION	690.0250 LF
ONEIDA ST	
71+47 - 76+00	95
76+00 - 82+00	40
82+00 - 88+00	30
88+00 - 94+00	10
94+00 - 100+00	50
100+00 - 106+00	155
106+00 - 111+00	40
111+00 - 117+00	45
117+00 - 122+50	30
122+50 - 128+50	10
128+50 - 131+67	55
CALUMET ST	
205+47 - 210+00	50
210+00 - 215+00	---
215+00 - 221+00	170
221+00 - 223+63	125
OLDE ONEIDA ST	
300+50 - 304+33	50
ORANGE ST	
287+87 - 289+75	75
TOTAL	1,030

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

MODIFYING LIGHTING QUANTITIES

STAGE	NO	SPV.0060.10 MODIFYING POLE WIRING EACH
2	E1	1
2	E2	1
2	E3	1
2	E4	1
2	E5	1
	TOTAL	5

LIGHTING PULL BOX QUANTITIES

STAGE	NO.	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH
2	LPB-T1	1
3	LPB-C1	1
3	LPB-C2	1
2	LPB-S1	1
2	LPB-S2	1
2	LPB-F1	1
2	LPB-F2	1
2	LPB-F3	1
2	LPB-L1	1
2	LPB-L2	1
	TOTAL	10

COMMUNICATION VAULT, TYPE 1 SPECIAL

STAGE	VAULT NUMBER	STATION	OFFSET	DIR	LOCATION	SPV.0060.13 COMMUNICATION VAULT TYPE 1 SPECIAL EACH
2	CV1	76+00	54'	RT	E HOOVER AVE	1
2	CV2	80+21	40'	RT	E TAFT AVE	1
2	CV3	89+09	48'	RT	E MURRAY AVE	1
2	CV4	95+92	46'	RT	CALUMET ST	1
2	CV5	99+26	44'	RT	RAMLEN CT	1
2	CV6	108+05	37'	RT	W SEYMOUR ST	1
2	CV7	115+48	44'	RT	E FREMONT ST	1
2	CV8	122+74	45'	RT	E MCKINLEY ST	1
2	CV9	127+90	39'	RT	S OLDE ONEIDA ST	1
					PROJECT TOTAL	9

PULL BOXES

STAGE	PULL BOX NO.	ALIGNMENT	STATION	OFFSET	653.0105 PULL BOXES STEEL 12 x 24-INCH EACH
ONEIDA ST & OLDE ONEIDA ST					
3	PB1	ONEIDA-NB	128+28	3.0' LT	1
3	PB2	ONEIDA-NB	126+47	20.00' LT	1
		INTERSECTION TOTAL			2
ONEIDA ST & FREMONT ST					
2	PB1	ONEIDA-NB	116+86	31.75' RT	1
		INTERSECTION TOTAL			1
ONEIDA ST & SEYMOUR ST					
2	PB1	ONEIDA-NB	109+74	32.00' RT	1
2	PB2	ONEIDA-NB	107+80	32.00' RT	1
		INTERSECTION TOTAL			2
ONEIDA ST & CALUMET ST					
3	PB1	ONEIDA-NB	95+77	119.25' LT	1
3	PB2	ONEIDA-NB	94+29	17.25' LT	1
2	PB3	ONEIDA-NB	95+76	97.75' RT	1
3	PB4	ONEIDA-NB	96+28	3.00' LT	1
		INTERSECTION TOTAL			4
ONEIDA ST & TAFT AVE					
2	PB1	ONEIDA-NB	80+50	30.25' RT	1
		INTERSECTION TOTAL			1
		PROJECT TOTAL			10

FIBER OPTIC CABLE

STAGE	FROM	TO	SPV.0060.14 PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 12-COUNT 100-FT EACH	SPV.0060.15 PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 12-COUNT 200-FT EACH	SPV.0060.16 FIBER PATCH CORD EACH	SPV.0090.05 FIBER OPTIC TRACER CABLE LF	SPV.0090.06 FIBER OPTIC WARNING TAPE LF	SPV.0090.07 SINGLE-MODE FIBER OPTIC COMMUNICATIONS CABLE, 24-COUNT LF
3	CV2	CB1	1	---	2	---	---	---
3	CV4	CB1	---	2	4	---	---	---
3	CV6	CB1	1	---	2	---	---	---
3	CV7	CB1	1	---	2	---	---	---
3	CV9	CB1	1	---	2	---	---	---
3	CV1 (VALLEY RD)	CV1	1	---	1	606	600	600
3	CV1	CV2	---	---	---	436	430	430
3	CV2	CV3	---	---	---	901	895	895
3	CV3	CV4	---	---	---	701	695	695
3	CV4	CV5	---	---	---	346	340	340
3	CV5	CV6	---	---	---	891	885	885
3	CV6	CV7	---	---	---	756	750	750
3	CV7	CV8	---	---	---	741	735	735
3	CV8	CV9	---	---	---	536	530	530
		PROJECT TOTALS	5	2	13	5,914	5,860	5,860

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC SIGNAL CABLE AND WIRING

STAGE	FROM	TO	**** CABLE TRAFFIC SIGNAL 5-14 AWG LF	**** CABLE TRAFFIC SIGNAL 7-14 AWG LF	**** CABLE TRAFFIC SIGNAL 16-14 AWG LF	**** TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF	**** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
ONEIDA ST & OLDE ONEIDA ST							
3	CB1	SB1	---	---	22	---	---
3	CB1	SB2	---	---	32	32	---
3	CB1	SB3	---	---	118	118	---
3	CB1	SB4	---	---	138	---	---
3	CB1	SB5	---	---	183	---	---
3	CB1	SB6	---	---	236	---	---
3	CB1	SB7	---	---	218	218	---
3	CB1	SB8	---	---	113	113	---
3	CB1	SB9	---	---	128	---	---
3	CB1	SB10	---	---	118	118	---
3	CB1	SB11	---	---	23	---	---
3	SB1	HEAD 19	15	---	---	---	---
3	SB2	HEAD 3	---	76	---	---	---
3	SB2	HEAD 4	75	---	---	---	---
3	SB2	HEAD 5	75	---	---	---	---
3	SB2	LUMINAIRE	---	---	---	117	---
3	SB3	HEAD 2	---	22	---	---	---
3	SB3	HEAD 9	19	---	---	---	---
3	SB3	HEAD 20	15	---	---	---	---
3	SB3	LUMINAIRE	---	---	---	117	---
3	SB4	HEAD 8	45	---	---	---	---
3	SB4	HEAD 21	15	---	---	---	---
3	SB5	HEAD 7	19	---	---	---	---
3	SB5	HEAD 14	19	---	---	---	---
3	SB5	HEAD 22	15	---	---	---	---
3	SB6	HEAD 23	15	---	---	---	---
3	SB7	HEAD 11	---	76	---	---	---
3	SB7	HEAD 12	75	---	---	---	---
3	SB7	HEAD 13	75	---	---	---	---
3	SB7	LUMINAIRE	---	---	---	117	---
3	SB8	HEAD 1	19	---	---	---	---
3	SB8	HEAD 10	---	22	---	---	---
3	SB8	HEAD 24	15	---	---	---	---
3	SB8	LUMINAIRE	---	---	---	117	---
3	SB9	HEAD 17	15	---	---	---	---
3	SB10	HEAD 16	55	---	---	---	---
3	SB10	LUMINAIRE	---	---	---	117	---
3	SB11	HEAD 6	19	---	---	---	---
3	SB11	HEAD 15	19	---	---	---	---
3	SB11	HEAD 18	15	---	---	---	---
INTERSECTION TOTALS			634	196	1,329	1,184	0

****FOR INFORMATION ONLY-CITY FURNISHED & INSTALLED

TRAFFIC SIGNAL CABLE AND WIRING (CONTINUED)

STAGE	FROM	TO	**** CABLE TRAFFIC SIGNAL 5-14 AWG LF	**** CABLE TRAFFIC SIGNAL 7-14 AWG LF	**** CABLE TRAFFIC SIGNAL 16-14 AWG LF	**** TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF	**** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
ONEIDA ST & FREMONT ST							
3	CB1	SB1	---	---	17	---	---
3	CB1	SB2	---	---	103	103	---
3	CB1	SB3	---	---	118	---	---
3	CB1	SB4	---	---	133	133	---
3	CB1	SB5	---	---	196	196	---
3	CB1	SB6	---	---	176	---	---
3	CB1	SB7	---	---	143	---	---
3	CB1	SB8	---	---	112	112	---
3	CB1	SB9	---	---	27	27	---
3	SB1	HEAD 12	15	---	---	---	---
3	SB2	HEAD 4	19	---	---	---	---
3	SB2	HEAD 13	15	---	---	---	---
3	SB2	LUMINAIRE	---	---	---	117	---
3	SB3	HEAD 14	15	---	---	---	---
3	SB4	HEAD 2	55	---	---	---	---
3	SB4	HEAD 3	55	---	---	---	---
3	SB4	LUMINAIRE	---	---	---	117	---
3	SB5	HEAD 7	19	---	---	---	---
3	SB5	HEAD 15	15	---	---	---	---
3	SB5	LUMINAIRE	---	---	---	117	---
3	SB6	HEAD 6	19	---	---	---	---
3	SB7	HEAD 5	19	---	---	---	---
3	SB8	HEAD 9	---	71	---	---	---
3	SB8	HEAD 10	70	---	---	---	---
3	SB8	HEAD 11	70	---	---	---	---
3	SB8	HEAD 16	15	---	---	---	---
3	SB8	LUMINAIRE	---	---	---	117	---
3	SB9	HEAD 1	19	---	---	---	---
3	SB9	HEAD 8	---	22	---	---	---
3	SB9	HEAD 17	15	---	---	---	---
3	SB9	LUMINAIRE	---	---	---	117	---
INTERSECTION TOTALS			435	93	1,025	1,156	0

TRAFFIC SIGNAL CABLE AND WIRING
(CONTINUED)

STAGE	FROM	TO	**** CABLE TRAFFIC SIGNAL 5-14 AWG LF	**** CABLE TRAFFIC SIGNAL 7-14 AWG LF	**** CABLE TRAFFIC SIGNAL 16-14 AWG LF	**** TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF	**** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
ONEIDA ST & SEYMOUR ST							
3	CB1	SB1	---	---	43	43	---
3	CB1	SB2	---	---	60	60	---
3	CB1	SB3	---	---	123	---	---
3	CB1	SB4	---	---	133	133	---
3	CB1	SB5	---	---	190	---	---
3	CB1	SB6	---	---	210	---	---
3	CB1	SB7	---	---	190	190	---
3	CB1	SB8	---	---	118	---	---
3	CB1	SB9	---	---	108	108	---
3	SB1	HEAD 1	19	---	---	---	---
3	SB1	HEAD 10	---	22	---	---	---
3	SB1	HEAD 24	15	---	---	---	---
3	SB1	LUMINAIRE	---	---	---	117	---
3	SB2	HEAD 16	50	---	---	---	---
3	SB2	HAED 17	15	---	---	---	---
3	SB2	LUMINAIRE	---	---	---	117	---
3	SB3	HEAD 6	19	---	---	---	---
3	SB3	HEAD 15	19	---	---	---	---
3	SB3	HEAD 18	15	---	---	---	---
3	SB4	HEAD 3	---	71	---	---	---
3	SB4	HEAD 4	70	---	---	---	---
3	SB4	HEAD 5	70	---	---	---	---
3	SB4	HEAD 19	15	---	---	---	---
3	SB4	LUMINAIRE	---	---	---	117	---
3	SB5	HEAD 2	---	22	---	---	---
3	SB5	HEAD 9	19	---	---	---	---
3	SB5	HEAD 20	15	---	---	---	---
3	SB6	HEAD 21	15	---	---	---	---
3	SB7	HEAD 8	40	---	---	---	---
3	SB7	LUMINAIRE	---	---	---	117	---
3	SB8	HEAD 7	19	---	---	---	---
3	SB8	HEAD 14	19	---	---	---	---
3	SB8	HEAD 22	15	---	---	---	---
3	SB9	HEAD 11	---	71	---	---	---
3	SB9	HEAD 12	70	---	---	---	---
3	SB9	HEAD 13	70	---	---	---	---
3	SB9	HEAD 23	15	---	---	---	---
3	SB9	LUMINAIRE	---	---	---	117	---
	INTERSECTION TOTALS		604	186	1,175	1,119	0

****FOR INFORMATION ONLY-CITY FURNISHED & INSTALLED

TRAFFIC SIGNAL CABLE AND WIRING
(CONTINUED)

STAGE	FROM	TO	**** CABLE TRAFFIC SIGNAL 5-14 AWG LF	**** CABLE TRAFFIC SIGNAL 7-14 AWG LF	**** CABLE TRAFFIC SIGNAL 16-14 AWG LF	**** TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF	**** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
ONEIDA ST & CALUMET ST							
3	CB1	SB1	---	---	32	32	---
3	CB1	SB2	---	---	128	128	---
3	CB1	SB3	---	---	178	---	---
3	CB1	SB4	---	---	163	163	---
3	CB1	SB5	---	---	218	218	---
3	CB1	SB6	---	---	238	238	---
3	CB1	SB7	---	---	158	158	---
3	CB1	SB8	---	---	148	---	---
3	CB1	SB9	---	---	153	153	---
3	CB1	SB10	---	---	45	45	---
3	SB1	HEAD 8	---	76	---	---	---
3	SB1	HEAD 9	75	---	---	---	---
3	SB1	HEAD 10	75	---	---	---	---
3	SB1	HEAD 25	15	---	---	---	---
3	SB1	LUMINAIRE	---	---	---	117	---
3	SB2	HEAD 7	---	22	---	---	---
3	SB2	HEAD 16	19	---	---	---	---
3	SB2	HEAD 26	15	---	---	---	---
3	SB2	LUMINAIRE	---	---	---	117	---
3	SB3	HEAD 27	15	---	---	---	---
3	SB4	HEAD 13	---	76	---	---	---
3	SB4	HEAD 14	75	---	---	---	---
3	SB4	HEAD 15	75	---	---	---	---
3	SB4	LUMINAIRE	---	---	---	117	---
3	SB5	HEAD 1	9	---	---	---	---
3	SB5	HEAD 12	---	22	---	---	---
3	SB5	HEAD 28	15	---	---	---	---
3	SB5	LUMINAIRE	---	---	---	117	---
3	SB6	HEAD 18	---	76	---	---	---
3	SB6	HEAD 19	75	---	---	---	---
3	SB6	HEAD 20	75	---	---	---	---
3	SB6	HEAD 21	15	---	---	---	---
3	SB6	LUMINAIRE	---	---	---	117	---
3	SB7	HEAD 6	19	---	---	---	---
3	SB7	HEAD 17	---	22	---	---	---
3	SB7	HEAD 22	15	---	---	---	---
3	SB7	LUMINAIRE	---	---	---	117	---
3	SB8	HEAD 23	15	---	---	---	---
3	SB9	HEAD 3	---	76	---	---	---
3	SB9	HEAD 4	75	---	---	---	---
3	SB9	HEAD 5	75	---	---	---	---
3	SB9	LUMINAIRE	---	---	---	117	---
3	SB10	HEAD 2	---	22	---	---	---
3	SB10	HEAD 11	19	---	---	---	---
3	SB10	HEAD 24	15	---	---	---	---
3	SB10	LUMINAIRE	---	---	---	117	---
	INTERSECTION TOTALS		786	392	1,461	2,071	0

TRAFFIC SIGNAL CABLE AND WIRING
(CONTINUED)

STAGE	FROM	TO	**** CABLE TRAFFIC SIGNAL 5-14 AWG LF	**** CABLE TRAFFIC SIGNAL 7-14 AWG LF	**** CABLE TRAFFIC SIGNAL 16-14 AWG LF	**** TRAY CABLE FOR STREET LIGHTING 3 CONDUCTOR 12 AWG LF	**** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
ONEIDA ST & TAFT AVE							
3	CB1	SB1	---	---	17	---	---
3	CB1	SB2	---	---	28	28	---
3	CB1	SB3	---	---	103	103	---
3	CB1	SB4	---	---	128	---	---
3	CB1	SB5	---	---	148	---	---
3	CB1	SB6	---	---	173	---	---
3	CB1	SB7	---	---	98	98	---
3	CB1	SB8	---	---	88	88	---
3	CB1	SB9	---	---	20	---	---
3	SB1	HEAD 15	15	---	---	---	---
3	SB2	HEAD 2	55	---	---	---	---
3	SB2	HEAD 3	55	---	---	---	---
3	SB2	LUMINAIRE	---	---	---	117	---
3	SB3	HEAD 7	19	---	---	---	---
3	SB3	HEAD 14	15	---	---	---	---
3	SB3	LUMINAIRE	---	---	---	117	---
3	SB4	HEAD 6	19	---	---	---	---
3	SB5	HEAD 5	19	---	---	---	---
3	SB6	HEAD 9	---	71	---	---	---
3	SB6	HEAD 10	70	---	---	---	---
3	SB6	HEAD 11	70	---	---	---	---
3	SB6	HEAD 13	15	---	---	---	---
3	SB7	HEAD 1	19	---	---	---	---
3	SB7	HEAD 8	---	22	---	---	---
3	SB7	HEAD 12	15	---	---	---	---
3	SB7	LUMINAIRE	---	---	---	117	---
3	SB8	HEAD 17	15	---	---	---	---
3	SB8	LUMINAIRE	---	---	---	117	---
3	SB9	HEAD 4	19	---	---	---	---
3	SB9	HEAD 16	15	---	---	---	---
	INTERSECTION TOTALS		435	93	803	785	0
ONEIDA ST & FOSTER ST							
3	CB1[+]	CB1[P]	---	---	---	496	---
3	CB1[P]	SFB1	249	---	---	---	249
3	CB1[P]	SFB2	5	---	---	---	5
3	CB1[P]	SFB3	79	---	---	---	79
3	CB1[P]	SFB4	387	---	---	---	387
	INTERSECTION TOTALS		720	0	0	496	720
	PROJECT TOTALS		3,614	960	5,793	6,811	720

[+]CB1 AT SEYMOUR ST
[P]POLE-MOUNTED CABINET NEAR FOSTER ST
****FOR INFORMATION ONLY-CITY FURNISHED & INSTALLED

INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

SPV.0105.02 INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

STAGE	LOCATION	LS
3	S ONEIDA ST & E TAFT AVE	1
	TOTAL	1

SPV.0105.03 INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

STAGE	LOCATION	LS
3	S ONEIDA ST & CALUMET ST	1
	TOTAL	1

SPV.0105.04 INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

STAGE	LOCATION	LS
3	S ONEIDA ST & W SEYMOUR ST	1
	TOTAL	1

SPV.0105.05 INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

STAGE	LOCATION	LS
3	S ONEIDA ST & E FREMONT ST	1
	TOTAL	1

SPV.0105.06 INSTALL FIBER OPTIC COMMUNICATIONS IN CABINET

STAGE	LOCATION	LS
3	S ONEIDA ST & OLDE ONEIDA ST	1
	TOTAL	1

ALL ITEMS CATEGORY 0010 UNLESS NOTED

MICROWAVE VEHICLE DETECTION SYSTEM

****

MICROWAVE VEHICLE DETECTION SYSTEM (ONEIDA ST & OLDE ONEIDA ST)

STAGE	LOCATION	LS
3	ONEIDA ST & OLDE ONEIDA ST	1
	TOTAL	1

****

MICROWAVE VEHICLE DETECTION SYSTEM (ONEIDA ST & FREMONT ST)

STAGE	LOCATION	LS
3	ONEIDA ST & FREMONT ST	1
	TOTAL	1

****

MICROWAVE VEHICLE DETECTION SYSTEM (ONEIDA ST & SEYMOUR ST)

STAGE	LOCATION	LS
3	ONEIDA ST & SEYMOUR ST	1
	TOTAL	1

****

MICROWAVE VEHICLE DETECTION SYSTEM (ONEIDA ST & CALUMET ST)

STAGE	LOCATION	LS
3	ONEIDA ST & CALUMET ST	1
	TOTAL	1

****

MICROWAVE VEHICLE DETECTION SYSTEM (ONEIDA ST & TAFT AVE)

STAGE	LOCATION	LS
3	ONEIDA ST & TAFT AVE	1
	TOTAL	1

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

EVP SYSTEM

****

EVP SYSTEM (ONEIDA ST & OLDE ONEIDA ST)

STAGE	LOCATION	LS
3	ONEIDA ST & OLDE ONEIDA ST	1
	TOTAL	1

****

EVP SYSTEM (ONEIDA ST & FREMONT ST)

STAGE	LOCATION	LS
3	ONEIDA ST & FREMONT ST	1
	TOTAL	1

****

EVP SYSTEM (ONEIDA ST & SEYMOUR ST)

STAGE	LOCATION	LS
3	ONEIDA ST & SEYMOUR ST	1
	TOTAL	1

****

EVP SYSTEM (ONEIDA ST & CALUMET ST)

STAGE	LOCATION	LS
3	ONEIDA ST & CALUMET ST	1
	TOTAL	1

****

EVP SYSTEM (ONEIDA ST & TAFT AVE)

STAGE	LOCATION	LS
3	ONEIDA ST & TAFT AVE	1
	TOTAL	1

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

TRAFFIC SIGNAL CABINETS

STAGE	INTERSECTION/LOCATION	CABINET NUMBER	ALIGNMENT	STATION/OFFSET	**** TRAFFIC SIGNAL CABINETS EACH	**** ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
3	E TAFT AVE	CB1	ONEIDA-NB	80+14, 46' RT	1	1
3	W CALUMET ST	CB1	ONEIDA-NB	95+87, 94' LT	1	1
3	W SEYMOUR ST	CB1	ONEIDA-NB	105+06, 44' RT	1	1
3	E FREMONT ST	CB1	ONEIDA-NB	115+54, 49' RT	1	1
3	S OLDE ONEIDA ST	CB1	ONEIDA-NB	127+83, 50' RT	1	1
3	W FOSTER ST	CB1 (POLE MOUNTED)	ONEIDA-NB	103+14, 40' RT	1	---
				PROJECT TOTALS	6	

****FOR INFORMATION ONLY - CITY FURNISHED & INSTALLED

3

TEMPORARY EVP SYSTEM

STAGE	LOCATION	SPV.0105.07 TEMPORARY EVP SYSTEM (S ONEIDA ST & CALUMET ST) LS
1	S ONEIDA ST & CALUMET ST	1
	TOTAL	1

TEMPORARY VEHICLE DETECTION SYSTEM

STAGE	LOCATION	SPV.0105.01 TEMPORARY VEHICLE DETECTION (S ONEIDA ST & CALUMET ST) LS
1	S ONEIDA ST & CALUMET ST	1
	TOTAL	1

CONCRETE PAVEMENT JOINT LAYOUT

LOCATION	SPV.0105.08 LS
ID 4984-01-74	1
TOTAL	1

ADJUSTING SANITARY MANHOLES

LOCATION	SPV.0060.18 EACH
ONEIDA ST	
73+32, 36' RT	1
73+34, 20' LT	1
75+81, 26' RT	1
75+82, 18' LT	1
75+86, 46' LT	1
79+72, 26' RT	1
83+32, 25' RT	1
86+32, 26' RT	1
89+32, 26' RT	1
92+32, 27' RT	1
94+93, 26' RT	1
95+39, 33' RT	1
95+82, 6' LT	1
99+05, 7' LT	1
103+52, 6' LT	1
105+56, 14' LT	1
108+76, 17' LT	1
110+46, 18' LT	1
112+07, 21' LT	1
113+73, 16' LT	1
116+17, 1' RT	1
118+39, 1' LT	1
119+77, 3' LT	1
120+94, 13' LT	1
122+44, 3' LT	1
122+68, 12' RT	1
122+95, 50' RT	1
128+05, 30' RT	1
CALUMET ST	
215+15, 5' LT	1
217+78, 0' RT	1
220+17, 0' RT	1
OLDE ONEIDA ST	
302+80, 49' RT	1
TOTAL (CAT 0020)	32

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.01 AMENDMENT NO: 1

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.01 RECORDED AS DOCUMENT NUMBER 1719356.

THAT PART OF PARCEL A CSM 46, LOT 1,CSM 261, LOT 1 CSM 2713 AND LOT 2 CSM 4205, AND ALSO THAT PART OF THE SE1/4 - NE1/4, ALL IN SECTION 1, TOWNSHIP 20 NORTH, RANGE 17 EAST, CITY OF APPLETON, WINNEBAGO COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

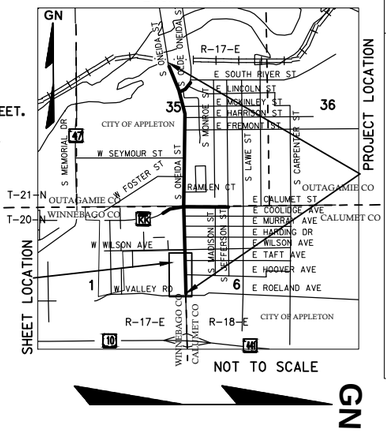
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 1719356.

LOCATION MAP

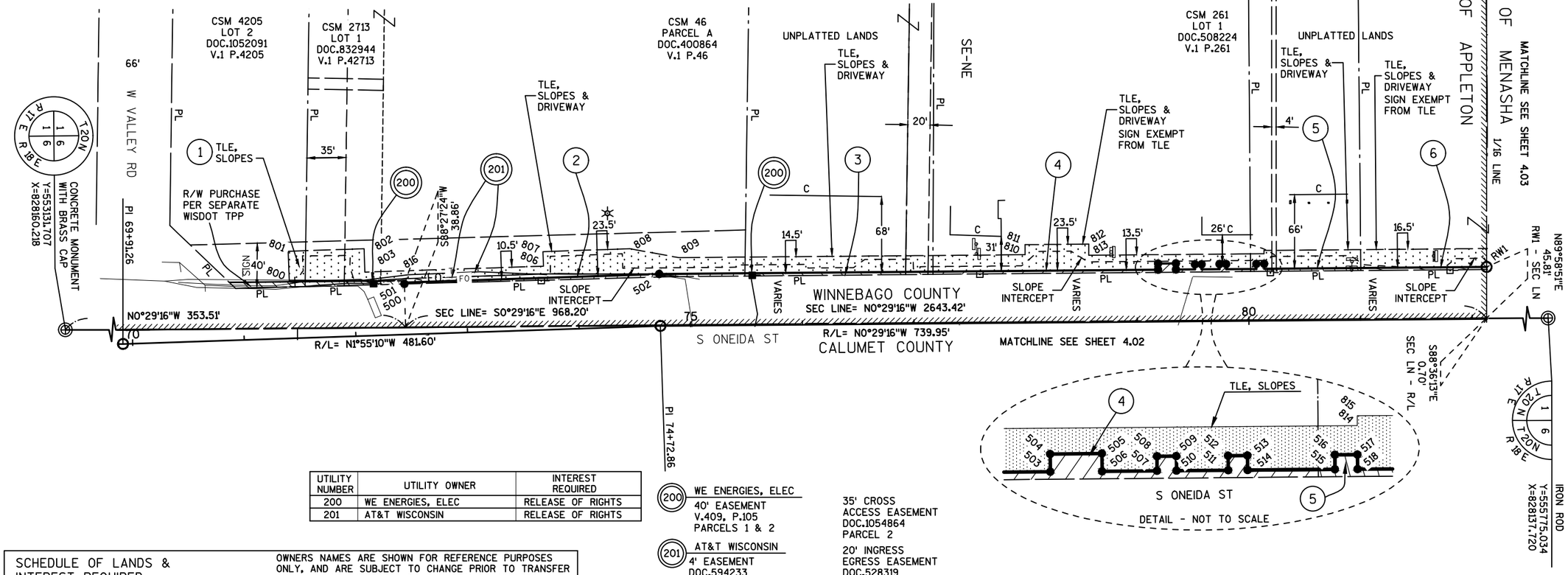


SCALE, FEET

0 50 100

CITY OF APPLETON

TOWN OF MENASHA



UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS

200 WE ENERGIES, ELEC
40' EASEMENT
V.409, P.105
PARCELS 1 & 2

201 AT&T WISCONSIN
4' EASEMENT
DOC.594233
J.3936 I.18
PARCEL 5

35' CROSS ACCESS EASEMENT
DOC.1054864
PARCEL 2

20' INGRESS EGRESS EASEMENT
DOC.528319
PARCEL 3

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED			TLE SQ. FT.
			NEW	EXISTING	TOTAL	
1	VAN ZEELAND OIL CO., A WI CORPORATION	TLE	-	-	-	412
2	H&S INVESTMENT GROUP LLC	FEE, TLE	645	-	645	6,625
3	GARY J., JOHN K., & THOMAS L. STAFFORD	FEE, TLE	407	-	407	2,441
4	HAVAN INVESTMENTS LLP	FEE, TLE	804	-	804	4,350
5	HAVAN INVESTMENTS LLP, PARTNERSHIP OF GORDON R. VANDINTER & JEROME A. HAEN	FEE, TLE	254	-	254	1,560
6	KC PROPCO, LLC	FEE, TLE	249	-	249	1,860

PI	Y	X
69+91.26	553232.11	828172.09
74+72.86	553713.44	828155.96

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	CSM 4205	VARIES	1999
ONEIDA ST	CSM 261	VARIES	1977

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.01 AMENDMENT NO: 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

SIGNATURE DATE: 6/5/17

1741809
REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON
06/14/2017 10:40 AM
NATALIE STROHMEYER
REGISTER OF DEEDS
RECORDING FEE 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.01
SHEET 1 OF 1
AMENDMENT NO:1

R/W COURSE TABLE		
500-501	S88°27'24"W	1.24'
501-502	N01°55'10"W	228.45'
502-503	N00°29'16"W	446.72'
503-504	S89°30'44"W	5.50'
504-505	N00°29'16"W	16.00'
505-506	N89°30'44"E	5.50'
506-507	N00°29'16"W	17.00'
507-508	S89°30'44"W	4.50'
508-509	N00°29'16"W	6.00'
509-510	N89°30'44"E	4.50'
510-511	N00°29'16"W	16.00'
511-512	S89°30'44"W	4.50'
512-513	N00°29'16"W	6.00'
513-514	N89°30'44"E	4.50'
514-515	N00°29'16"W	27.00'
515-516	S89°30'44"W	4.50'
516-517	N00°29'16"W	7.00'
517-518	N89°30'44"E	4.50'
518-RW1	N00°29'16"W	199.21'

TLE STATION & OFFSET TABLE		
800	71+42.00	50.64'
801	71+42.00	78.00'
802	72+10.00	78.00'
803	72+10.00	57.00'
806	73+70.00	57.00'
807	73+70.00	70.00'
808	74+48.00	70.00'
809	74+90.00	61.00'
810	78+00.00	61.00'
811	78+00.00	70.00'
812	78+57.00	70.00'
813	78+57.00	60.00'
814	80+14.00	60.00'
815	80+14.00	63.00'
816	72+44.99	48.07'

R/W STATION & OFFSET TABLE		
500	72+44.98	45.26'
501	72+44.98	46.50'
502	74+73.44 BK	46.50'
503	79+19.00	46.50'
504	79+19.00	52.00'
505	79+35.00	52.00'
506	79+35.00	46.50'
507	79+52.00	46.50'
508	79+52.00	51.00'
509	79+58.00	51.00'
510	79+58.00	46.50'
511	79+74.00	46.50'
512	79+74.00	51.00'
513	79+80.00	51.00'
514	79+80.00	46.50'
515	80+07.00	46.50'
516	80+07.00	51.00'
517	80+14.00	51.00'
518	80+14.00	46.50'
RW1	82+13.21	46.50'

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.02 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.02 RECORDED AS DOCUMENT NUMBER 515432 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.02 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 521454.

THAT PART OF LOT 1 CSM 974, LOT 1 CSM 1566, LOTS 1, 2, 3, 4 & 5, BLOCK 21 AND LOTS 2, 3, 4 & 5, BLOCK 17 OF LAKE PARK RESERVE ASSESSORS PLAT, BEING A PART OF THE SW1/4 - NW1/4 ALL IN SECTION 6, TOWNSHIP 20 NORTH, RANGE 18 EAST, IN THE CITY OF APPLETON, CALUMET COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

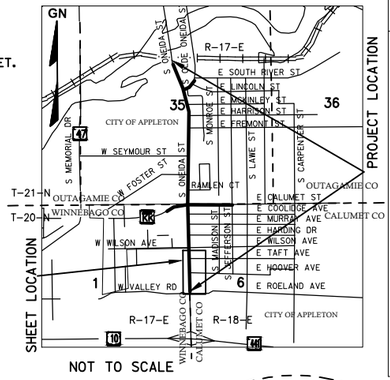
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 515432, OF TRANSPORTATION PROJECT PLATS IN THE CALUMET COUNTY REGISTER OF DEEDS.

LOCATION MAP



R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.02 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN — DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR
SIGNATURE — DATE: 6/5/17

DOCUMENT # 522919

TAMARA ALTEN
REGISTER OF DEEDS
CALUMET COUNTY, WI
06/14/2017 1:20 PM
VOL: D PAGE: 110
RECORDING FEE: 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.02
AMENDMENT NO:2

200 WE ENERGIES, ELEC
NON DESCRIPT
EASEMENT
DOC.448854
J.5347 I.1
PARCELS 7, 8, 9, 10 & 11

12' EASEMENT
DOC.245825
J.2932, I.15-16
PARCEL 7

201 AT&T WISCONSIN
NON DESCRIPT
EASEMENT
DOC.6387
V.D, P.277
PARCELS 8, 9, 10 & 11

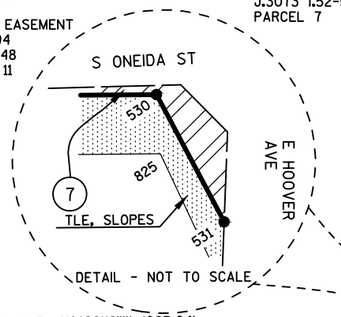
17' EASEMENT
V.L, P.351
PARCELS 8 & 9

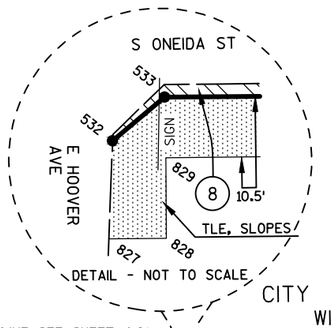
118'X53' EASEMENT
DOC.54023
V.L, P.626
PARCEL 8

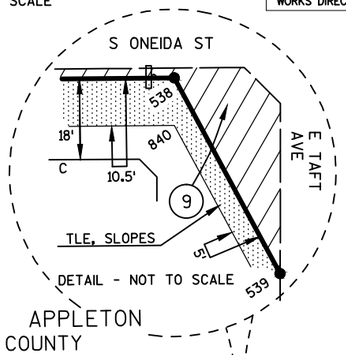
140'X59' EASEMENT
DOC.57194
V.M, P.448
PARCEL 11

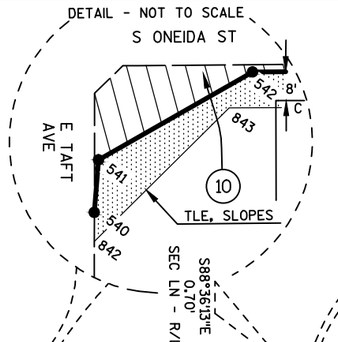
204 TIME WARNER CABLE
NON DESCRIPT
AGREEMENT
DOC.249656
J.3073 I.52-56
PARCEL 7

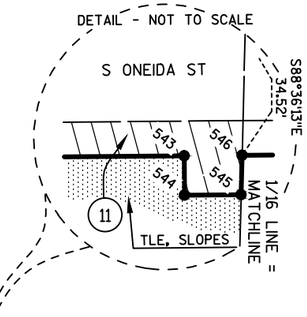
GN
SCALE, FEET
0 50 100

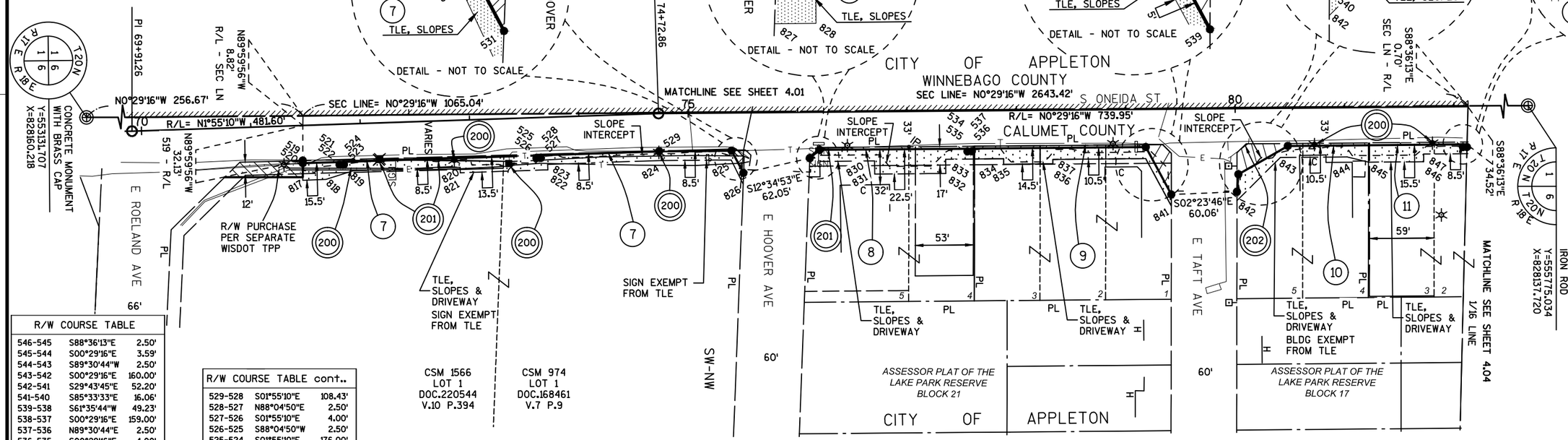












R/W COURSE TABLE		
546-545	S88°36'13"E	2.50'
545-544	S00°29'16"E	3.59'
544-543	S89°30'44"W	2.50'
543-542	S00°29'16"E	160.00'
542-541	S29°43'45"E	52.20'
541-540	S85°33'33"E	16.06'
539-538	S61°35'44"W	49.23'
538-537	S00°29'16"E	159.00'
537-536	N89°30'44"E	2.50'
536-535	S00°29'16"E	4.00'
535-534	S89°30'44"W	2.50'
534-533	S00°29'16"E	135.10'
533-532	S40°03'27"E	11.77'
531-530	S62°01'31"W	23.11'
530-529	S00°29'16"E	66.19'

R/W COURSE TABLE cont..		
529-528	S01°55'10"E	108.43'
528-527	N88°04'50"E	2.50'
527-526	S01°55'10"E	4.00'
526-525	S88°04'50"W	2.50'
525-524	S01°55'10"E	176.00'
524-523	N88°04'50"E	2.50'
523-522	S01°55'10"E	4.00'
522-521	S88°04'50"W	2.50'
521-520	S01°55'10"E	33.54'
520-519	N89°59'56"W	2.39'

PI	Y	X
69+91.26	553232.11	828172.09
74+72.86	553713.44	828155.96

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
7	COMMUNITY FIRST CREDIT UNION	FEE, TLE	616	-	616	4,055
8	RICHARD & LISA BRUNDRIDGE	FEE, TLE	336	-	336	2,426
9	A&S ENTERPRISES, LLC	FEE, TLE	874	-	874	2,043
10	CAROLYN J. FLEMING	FEE, TLE	851	-	851	1,462
11	SIMPSONS RED OX, INC. A WI COROPORATION	FEE, TLE	207	-	207	1,109

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS
204	TIME WARNER CABLE	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	ASSESSOR PLAT LAKE PARK PRESERVE	VARIES	1950
ONEIDA ST	CSM 974	VARIES	1983
HOOVER AVE	R/W PLAT ID 1506-03-22	60'	1981
TAFT AVE	R/W PLAT ID 1506-03-22	60'	1981

R/W STATION & OFFSET TABLE		
519	71+46.54	32.11'
520	71+46.46	34.50'
521	71+80.00	34.50'
522	71+80.00	37.00'
523	71+84.00	37.00'
524	71+84.00	34.50'
525	73+60.00	34.50'
526	73+60.00	37.00'
527	73+64.00	37.00'
528	73+64.00	34.50'
529	74+73.29	34.50'
530	75+39.48	34.50'
531	75+50.15	55.00'
532	76+10.82	42.00'
533	76+19.90	34.50'

R/W STATION & OFFSET TABLE		
534	77+55.00	34.50'
535	77+55.00	37.00'
536	77+59.00	37.00'
537	77+59.00	34.50'
538	79+18.00	34.50'
539	79+41.05	78.00'
540	80+01.07	76.00'
541	80+02.45	60.00'
542	80+48.00	34.50'
543	82+08.00	34.50'
544	82+08.00	37.00'
545	82+11.67	37.00'
546	82+11.59	34.50'

TLE STATION & OFFSET TABLE		
817	71+45.94	50.00'
818	71+67.00	50.00'
819	71+92.00	43.00'
820	72+90.00	43.00'
821	72+90.00	48.00'
822	73+70.00	48.00'
823	73+70.00	43.00'
824	74+72.33	43.00'
825	75+39.00	43.00'
826	75+49.68	65.00'
827	76+10.03	59.00'
828	76+20.00	59.00'
829	76+20.00	45.00'
830	76+70.00	45.00'
831	76+70.00	57.00'
832	77+35.00	57.00'
833	77+35.00	44.00'
834	77+88.00	44.00'
835	77+88.00	49.00'
836	78+33.00	49.00'
837	78+33.00	45.00'
840	79+17.90	45.00'
841	79+40.95	88.49'
842	80+00.99	84.00'
843	80+41.00	45.00'
844	81+02.00	45.00'
845	81+22.00	50.00'
846	81+72.00	50.00'
847	81+72.00	43.00'

FILE NAME:S/5166283/PLAT/TPP100.DWG

4984-01-73 - 4.02 AMENDMENT NO: 2

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.03 AMENDMENT NO: 1

REMOVES UTILITY NUMBER 203 AND ADDS UTILITY NUMBER 207 AND AMENDS RELOCATION ORDER, NOTES, MUNICIPALITY, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.03 RECORDED AS DOCUMENT NUMBER 1719357.

THAT PART OF LOTS 1 & 2 CSM 2755 AND LOTS 1, 2, 3, 4, 5 & 10 ASSESSOR PLAT NO. 1 TO THE TOWN OF MENASHA, BEING PART OF THE NE1/4 - NE1/4, ALL IN SECTION 1 TOWNSHIP 20 NORTH, RANGE 17 EAST, VILLAGE OF FOX CROSSING, WINNEBAGO COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 61.43(3),(3M), 61.36 & 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY AND VILLAGE FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING, PURSUANT TO THE PROVISIONS OF SECTION 61.43(3),(3M), 61.36 & 62.22, WISCONSIN STATUTES.

NOTES:

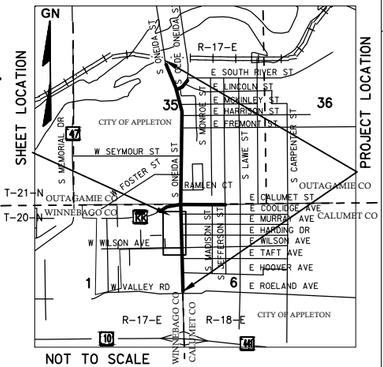
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 1719356, OF TRANSPORTATION PROJECT PLATS IN THE WINNEBAGO COUNTY REGISTER OF DEEDS.

LOCATION MAP



SCALE, FEET

0 50 100

GN

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.03 AMENDMENT NO: 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR
SIGNATURE DATE: 6/5/17

DALE YOUNGQUIST
VILLAGE OF FOX CROSSING VILLAGE PRESIDENT
SIGNATURE DATE: 6/13/17

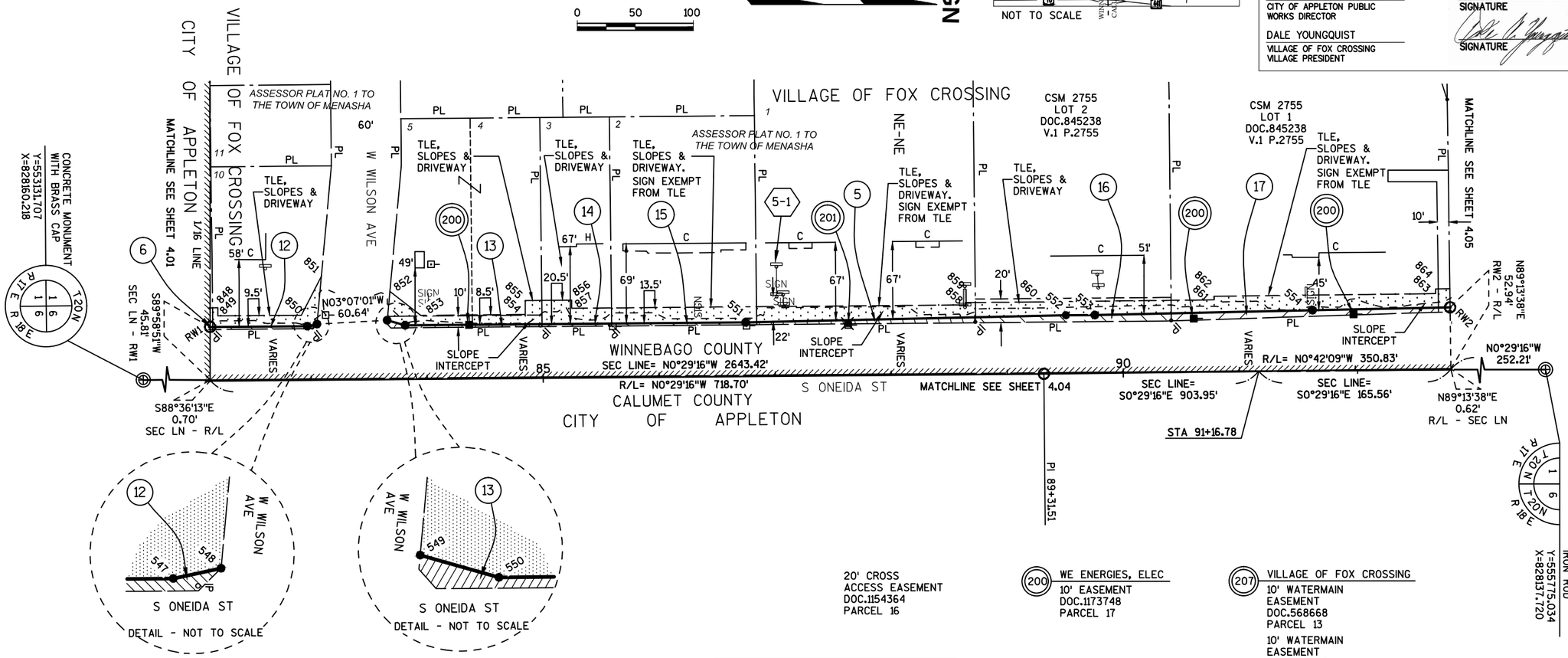
1741810

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON
06/14/2017 10:40 AM

NATALIE STROHMEYER
REGISTER OF DEEDS

RECORDING FEE 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.03
AMENDMENT NO: 1



R/W COURSE TABLE		
RW1-547	N00°29'16"W	83.88'
547-548	N12°08'23"W	8.51'
549-550	N15°42'36"E	16.13'
550-551	N00°29'16"W	293.41'
551-552	N01°17'41"W	276.00'
552-553	N00°08'56"W	25.00'
553-554	N01°17'41"W	187.71'
554-RW2	N01°09'05"W	118.52'

TLE STATION & OFFSET TABLE		
848	82+20.00	63.00'
849	82+20.00	56.00'
850	82+92.00	56.00'
851	83+09.54	89.54'
852	83+68.46	75.79'
853	83+95.00	55.00'
854	84+85.00	55.00'
855	84+85.00	67.00'
856	85+25.00	67.00'
857	85+25.00	60.00'
858	88+65.00	60.00'
859	88+65.00	62.00'
860	89+31.63	62.00'
861	90+79.00	62.00'
862	90+79.00	65.00'
863	92+70.00	65.00'
864	92+70.00	69.00'

R/W STATION & OFFSET TABLE		
RW1	82+13.21	46.50'
547	82+97.08	46.50'
548	83+05.42	48.22'
549	83+65.99	51.00'
550	83+81.48	46.50'
551	86+74.90	46.50'
552	89+51.06	50.31'
553	89+76.06	50.07'
554	91+63.76	52.01'
RW2	92+82.27	52.94'

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
5	HAVAN INVESTMENTS LLP, PARTNERSHIP OF GORDON R. VANDINTER & JEROME A. HAEN	FEE, TLE	648	-	648	2,287
6	KC PROPCO, LLC	FEE, TLE	5	-	5	37
12	ROBERT JEFFREY RENARD	FEE, TLE	195	-	195	1,120
13	CRAIG LUTZ	FEE, TLE	311	-	311	1,566
14	GTO DEVELOPMENT LLP	FEE, TLE	124	-	124	990
15	WILLIAM S. & DIANE S. BARDOSY	FEE, TLE	255	-	255	1,687
16	RICHARD R. & LOUISE A NEIMUTH	FEE, TLE	953	-	953	2,006
17	TIMOTHY J. & COLLEEN M. O'CONNOR	FEE, TLE	1,244	-	1,244	3,081

20' CROSS ACCESS EASEMENT
DOC.1154364
PARCEL 16

(200) WE ENERGIES, ELEC
10' EASEMENT
DOC.1173748
PARCEL 17

(207) VILLAGE OF FOX CROSSING
10' WATERMAIN EASEMENT
DOC.568668
PARCEL 13
10' WATERMAIN EASEMENT
DOC.568669
PARCEL 13

PI	Y	X
89+31.51	555172.03	828143.55

SIGN TABLE		
NO.	OWNER	OASIS
5-1	LAMAR CO. LLC/HAVAN INVESTMENTS, LLP	32341 & 32342

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
207	VILLAGE OF FOX CROSSING	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	ASSESSOR PLAT NO.1 TOWN OF MENASHA	VARIES	1965
ONEIDA ST	CSM 2755	VARIES	1993
W WISLON AVE	R/W PLAT ID 1506-03-22	60'	1981

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.04 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.04 RECORDED AS DOCUMENT NUMBER 515433 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.04 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 521455.

THAT PART OF LOTS 1, 12 & 22, BLOCK 5, LOTS 1, 12, 13 & 24, BLOCK 9, LOTS 1, 12, 13 & 14, BLOCK 13 AND LOTS 1 & 2, BLOCK 17, ALL IN THE LAKE PARK RESERVE ASSESSORS PLAT BEING A PART OF THE NW1/4 - NW1/4, ALL IN SECTION 6, TOWNSHIP 20 NORTH, RANGE 18 EAST, CITY OF APPLETON, CALUMET COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

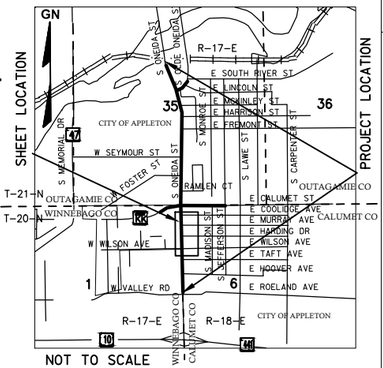
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 515432, OF TRANSPORTATION PROJECT PLATS IN THE CALUMET COUNTY REGISTER OF DEEDS.

LOCATION MAP



SCALE, FEET

0 50 100

GN

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.04 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK, WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN — DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

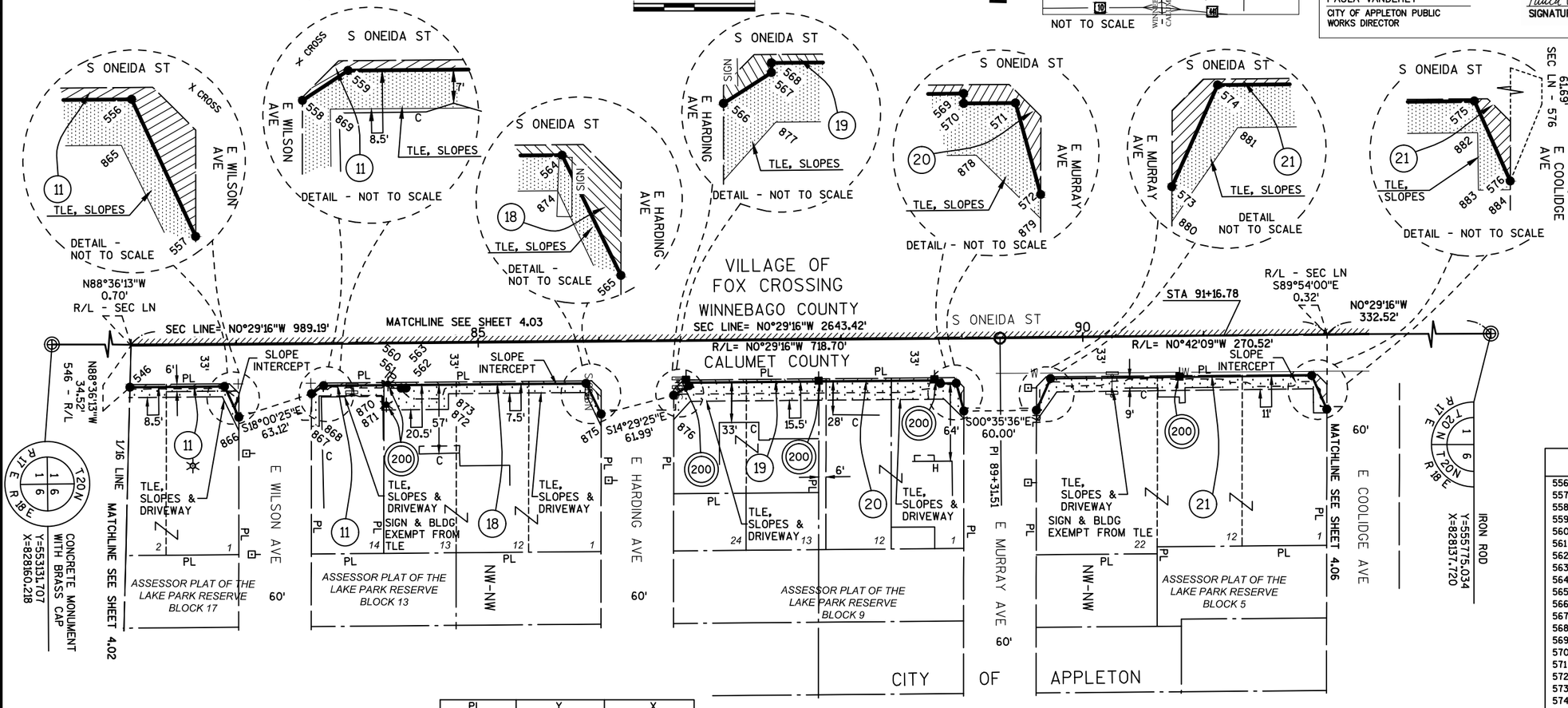
PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

Paula Vandehey 6/5/17
SIGNATURE — DATE:

DOCUMENT # 522920

TAMARA ALTEN
REGISTER OF DEEDS
CALUMET COUNTY, WI
06/14/2017 1:20 PM
VOL: D PAGE: 111
RECORDING FEE: 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.04
AMENDMENT NO:2



PI	Y	X
89+31.51	555172.03	828143.55

R/W COURSE TABLE		
576-575	S65°49'10"W	30.53'
575-574	S00°42'09"E	216.00'
574-573	S65°44'31"E	28.68'
572-571	S74°36'54"W	23.80'
571-570	S00°29'16"E	13.00'
570-569	S89°30'44"W	2.50'
569-568	S00°29'16"E	208.00'
568-567	N89°30'44"E	2.50'
567-566	S32°51'02"E	14.95'
565-564	S63°53'51"W	28.28'
564-563	S00°29'16"E	149.00'
563-562	N89°30'44"E	2.50'
562-561	S00°29'16"E	4.00'
561-560	S89°30'44"W	2.50'
560-559	S00°29'16"E	64.00'
559-558	S33°03'52"E	12.07'
557-556	S64°58'53"W	28.03'
556-546	S00°29'16"E	78.33'

R/W STATION & OFFSET TABLE		
556	82+90.00	34.50'
557	83+01.64	60.00'
558	83+61.83	41.00'
559	83+72.00	34.50'
560	84+36.00	34.50'
561	84+36.00	37.00'
562	84+40.00	37.00'
563	84+40.00	34.50'
564	85+89.00	34.50'
565	86+01.23	60.00'
566	86+61.38	45.00'
567	86+74.00	37.00'
568	86+74.00	34.50'
569	88+82.00	34.50'
570	88+82.00	37.00'
571	88+95.00	37.00'
572	89+01.12	60.00'
573	89+60.90	60.00'
574	89+73.00	34.00'
575	91+89.00	34.00'
576	92+01.16	62.00'

TLE STATION & OFFSET TABLE		
865	82+88.00	43.00'
866	83+01.53	71.00'
867	83+61.56	68.00'
868	83+68.00	68.00'
869	83+68.00	43.00'
870	84+20.00	43.00'
871	84+20.00	55.00'
872	84+75.00	55.00'
873	84+75.00	42.00'
874	85+88.00	42.00'
875	86+01.13	70.00'
876	86+61.18	65.00'
877	86+75.00	50.00'
878	88+85.00	50.00'
879	89+01.06	66.00'
880	89+60.78	69.00'
881	89+78.00	45.00'
882	91+90.00	45.00'
883	91+90.00	65.00'
884	92+01.12	65.00'

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED			TLE SQ. FT.
			NEW	EXISTING	TOTAL	
11	SIMPSONS RED OX, INC. A WI CORPORATION	FEE, TLE	450	-	450	1,463
18	SCOTT D. DEWITT	FEE, TLE	532	-	532	2,060
19	DENNIS VERRIER & THOMAS DIX	FEE, TLE	313	-	313	1,880
20	GARY J., JOHN K., & THOMAS L. STAFFORD	FEE, TLE	353	-	353	1,868
21	MARY'S RESTAURANT BUILDINGS, LLC	FEE, TLE	537	-	537	2,743

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	ASSESSOR PLAT LAKE PARK PRESERVE	VARIES	1950
E WISLON AVE	R/W PLAT ID 1506-03-22	60'	1981
HARDING AVE	R/W PLAT ID 1506-03-22	60'	1981
MURRAY AVE	R/W PLAT ID 1506-03-22	60'	1981
COOLIDGE AVE	R/W PLAT ID 1506-03-22	60'	1981

(200) WE ENERGIES, ELEC
NON DESCRIPT EASEMENT
DOC.448854
J.5347 I.1
PARCELS 11, 18, 19, 20 & 21

6' PRIVATE DRIVEWAY EASEMENT
DOC.37881 V.61 P.306
PARCEL 11

(201) AT&T WISCONSIN
NON DESCRIPT EASEMENT
DOC.6387
V.D, P.277
PARCELS 11, 18, 19, 20 & 21
6' EASEMENT
DOC.162535
J.144, I.41
PARCEL 20

FILE NAME:S/5166283/PLAT/TPP100.DWG

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.05 AMENDMENT NO: 1

AMENDS UTILITY NUMBERS 200 & 202, MUNICIPALITY, RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE, REMOVES UTILITY NUMBER 203 AND ADDS UTILITY NUMBER 207 OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.05 RECORDED AS DOCUMENT NUMBER 1719358.

THAT PART OF LOT 1 CSM 871, LOTS 1 & 2 CSM 1367, LOT 1 CSM 1659, LOT 2 CSM 2506, ALSO THAT PART OF THE NE1/4 - NE1/4, ALL IN SECTION 1, TOWNSHIP 20 NORTH, RANGE 17 EAST, VILLAGE OF FOX CROSSING, WINNEBAGO COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 61.43(3),(3M), 61.36 & 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON AND VILLAGE OF FOX CROSSING HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY AND VILLAGE FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING, PURSUANT TO THE PROVISIONS OF SECTION 61.43(3),(3M), 61.36 & 62.22, WISCONSIN STATUTES.

NOTES:

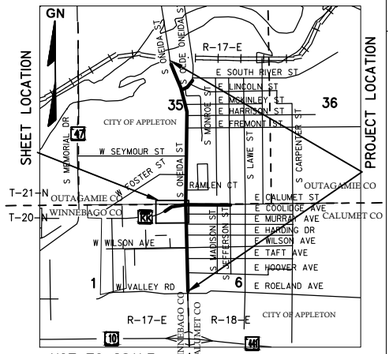
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 1719356, OF TRANSPORTATION PROJECT PLATS IN THE WINNEBAGO COUNTY REGISTER OF DEEDS.

LOCATION MAP



NOT TO SCALE

R.A. Smith National

Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.05 AMENDMENT NO: 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

Nathan A Vaughn 05/17/2017
SIGNATURE DATE

NATHAN A. VAUGHN
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON AND THE VILLAGE OF FOX CROSSING.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR
Paula Vandehey 6/5/17
SIGNATURE DATE:

DALE YOUNGQUIST
VILLAGE OF FOX CROSSING VILLAGE PRESIDENT
SIGNATURE DATE:

1741811

REGISTER'S OFFICE WINNEBAGO COUNTY, WI RECORDED ON 06/14/2017 10:40 AM

NATALIE STROHMEYER REGISTER OF DEEDS

RECORDING FEE 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.05
AMENDMENT NO:1

R/W COURSE TABLE		
RW1-577	N01°09'05"W	164.74'
577-578	S89°17'51"W	6.77'
578-579	N00°42'09"W	20.00'
579-580	N51°15'16"W	35.08'
581-582	S83°20'32"W	37.48'
583-584	S59°30'18"W	69.13'
585-586	N28°38'07"W	4.42'
586-587	N61°21'53"E	100.61'
588-589	N72°18'17"W	22.98'
589-590	N19°39'30"E	8.00'
590-591	S73°41'54"E	34.32'

CURVE TABLE				
CURVE	CURVE LENGTH	RADIUS	LONG CHORD BEARING	CHORD LENGTH
580-581	199.81'	955.00'	S82°28'50"W	199.45'
582-583	247.73'	960.00'	S66°53'51"W	247.04'
587-588	139.97'	1042.00'	N65°12'46"E	139.86'
591-RW2	48.63'	884.00'	N68°50'19"E	48.62'

TLE STATION & OFFSET TABLE		
885	93+67.00	69.00'
886	93+67.00	64.00'
887	94+37.00	64.00'
888	94+37.00	69.00'
889	94+64.00	69.00'
890	211+26.00	55.00'
891	210+25.00	55.00'
892	210+25.00	63.00'
893	209+25.00	63.00'
894	209+25.00	57.00'
895	207+92.00	57.00'
896	207+92.00	52.00'
897	206+49.61	52.00'
898	206+20.00	59.00'
899	205+30.00	43.53'
900	205+40.00	36.78'
901	205+40.00	51.00'
902	206+15.00	51.00'
903	207+55.00	50.00'
904	207+68.00	70.00'
905	208+05.00	53.00'

R/W STATION & OFFSET TABLE		
RW1	92+82.27	52.94'
577	94+47.00	54.23'
578	94+47.00	61.00'
579	94+67.00	61.00'
580	211+23.00	45.50'
581	209+13.67	45.50'
582	208+74.88	40.30'
583	206+18.09	40.72'
584	205+49.00	42.97'
585	205+49.00	37.08'
586	205+49.00	41.50'
587	206+49.61	41.50'
588	207+84.00	41.50'
589	207+67.00	56.00'
590	207+72.00	62.00'
591	208+98.00	41.26'
RW2	208+44.62	43.26'

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS
205	WE ENERGIES, GAS	RELEASE OF RIGHTS
207	VILLAGE OF FOX CROSSING	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	R/W PLAT ID 1506-03-21	82'	1976
CALUMET ST	CSM 871	80'	1981
CALUMET ST	CSM 1367	80'	1984
CALUMET ST	CSM 2506	80'	1992
CALUMET ST	SCOTTSDALE CONDOMINIUM	80'	1987
CALUMET ST	DEED DOC.813412 V.3397 I.10	80'	1982

GN

(200) WE ENERGIES, ELEC
VARIABLE WIDTH EASEMENT
DOC.675211
PARCEL 23

100' EASEMENT
DOC.134093
V.537, P.277
PARCELS 22 & 24

(201) AT&T WISCONSIN
VARIABLE WIDTH EASEMENT
DOC.675211
PARCEL 23

(207) VILLAGE OF FOX CROSSING
15' STORM SEWER EASEMENT
DOC.555274
PARCEL 25

SCALE, FEET
0 50 100

IRON ROD
Y=555769.657
X=827761.106

CHESTER J. MEIERS REPLAT BLOCK 2

10' SCOTTSDALE EASEMENT
DOC.681049
PARCEL 23

NON DESCRIPT UTILITY EASEMENT
DOC.105472
PARCELS 26 & 27

ALUMINUM MONUMENT
Y=555729.126
X=825119.853

ALUMINUM MONUMENT
Y=555735.483
X=825521.586

CITY OF APPLETON

OUTAGAMIE COUNTY SEC LINE= N89°07'33"E 2239.78'

N89°05'36"E 401.78'

WINNEBAGO COUNTY

CSM 871 LOT 2 DOC.561221 V.1 P.871

CSM 871 LOT 1 DOC.561221 V.1 P.871

PC 206+49.61

PT 205+11.92

N28°38'07"W 37.08'

R/L=N61°21'53"E 100.61'

R/L=N61°21'53"E 37.08'

N28°38'07"W 42.97'

SLOPE INTERCEPT

CALUMET ST CROSS

TLE, SLOPES & DRIVEWAY

TLE, SLOPES

CSM 1659 LOT 1 DOC.672749 V.1 P.1659 & SCOTTSDALE CONDOMINIUM DOC.681018 V.1 P.81

CSM 1367 LOT 1 DOC.611811 V.1 P.1254

CSM 1367 LOT 2 DOC.611811 V.1 P.1254

TLE, SLOPES. SIGN EXEMPT FROM TLE

CSM 2506 LOT 2 DOC.795000 V.1 P.2506

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
22	IGWTF LLC, MINNESOTA LIMITED LIABILITY CO.	FEE, TLE	918	-	918	2,921
23	JOSEPH A. PENNINGS REV. TRUST	TLE	-	-	-	183
24	WAB HOLDINGS FUND LXVIII & WAB HOLDINGS 68	TLE	-	-	-	774
25	DR. DAVID L. & CYNTHIA L. OLSEN	TLE	-	-	-	2,030
26	LOPEZ INVESTMENTS	FEE, TLE	394	-	394	2,597
27	JS FOOD MART II, LLC	FEE, TLE	2,175	-	2,175	4,314
58	IMELDA WHITMAN	FEE	22	-	22	-

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PI	Y	X
95+34.55	555775.03	828136.15

TLE, SLOPES. SIGN EXEMPT FROM TLE

UNPLATTED LANDS

TLE, SLOPES & DRIVEWAY

SLOPE INTERCEPT

VILLAGE OF FOX CROSSING

NE-NE

R/L CALUMET ST CURVE DATA
PI = 202+74.32
Y = 555467.631
X = 827256.643
DELTA = 27°47'56" L
D.B. = S89°09'50"W
D.A. = N61°21'53"E
D = 5°43'57"
T = 247.34'
L = 484.94'
R = 999.50'
PC= 200+26.98

R/L CALUMET ST CURVE DATA
PI = 209+05.74
Y = 555774.900
X = 827819.385
DELTA = 28°43'08" R
D.B. = S61°21'53"W
D.A. = S89°54'58"E
D = 5°43'36"
T = 256.13'
L = 501.49'
R = 1000.50'

MATCHLINE SEE SHEET 4.03

MATCHLINE SEE SHEET 4.08

SEC LN= N89°10'55"E 267.07'

R/L= N89°54'58"W 60.65' PT TO R/L

PT 211+51.10

STA 211+03.72

STA 211+75.01

SEC LN= 71.28'

36.73'

SEC LINE= S89°54'00"E 2268.10'

E CALUMET ST

CALUMET COUNTY

CITY OF APPLETON

MATCHLINE SEE SHEET 4.06

R/L= N0°42'09"W 251.62'

SEC LINE=S00°29'16"E 251.60'

S ONEIDA ST

WINNEBAGO COUNTY

CALUMET COUNTY

NO0°29'16"W 2643.42'

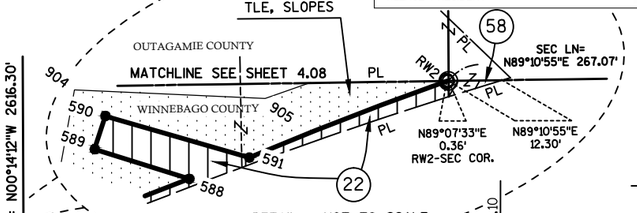
S89°13'38"W 0.62' SEC LN - R/L

S89°13'38"W 52.94'

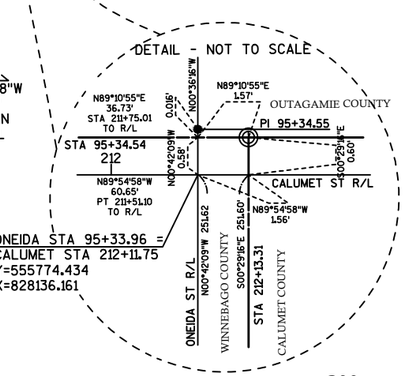
CONCRETE MONUMENT WITH BRASS CAP
Y=553131.707
X=828160.218

T20N R17E R18E

DETAIL - NOT TO SCALE



DETAIL - NOT TO SCALE



(202) CITY OF APPLETON
15' STORM SEWER EASEMENT
CHESTER J MEIER REPLAT
DOC.443640
PARCEL 22

15' WATERMAIN EASEMENT
LIS PENDENS DOC.1155278, DOC.1163901, DOC.1163988
PARCEL 22

CUT CROSS
Y=555771.080
X=830405.816

OUTAGAMIE COUNTY
S89°52'28"E 532.43'

CUT CROSS
Y=555769.914
X=830938.249

IRON ROD
Y=555775.034
X=828137.720

DETAIL - NOT TO SCALE

FILE NAME:S/5166283/PLAT/TPP200.DWG

4984-01-73 - 4.05 AMENDMENT NO: 1

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.06 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.06 RECORDED AS DOCUMENT NUMBER 515434 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.06 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 521456.

THAT PART OF LOT 1 CSM 1746, LOT 1 CSM 3444, LOTS 1-13, BLOCK 1, LOTS 1-5, BLOCK 2, LOT 1, BLOCK 3 LAKE PARK RESERVE ASSESSORS PLAT, BEING PART OF THE NW1/4 - NW1/4, ALL IN SECTION 6, TOWNSHIP 20 NORTH, RANGE 18 EAST, CITY OF APPLETON, CALUMET COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

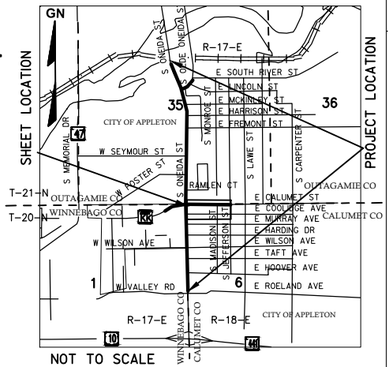
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 515432, OF TRANSPORTATION PROJECT PLATS IN THE CALUMET COUNTY REGISTER OF DEEDS.

LOCATION MAP



R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.06 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN — DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

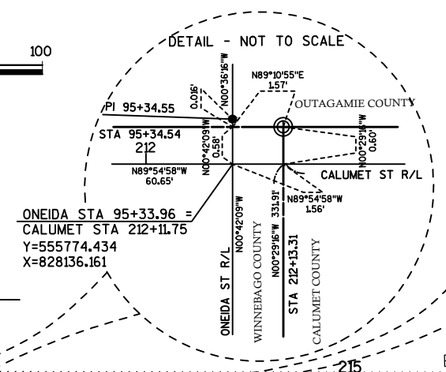
PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR
SIGNATURE — DATE: 6/5/17

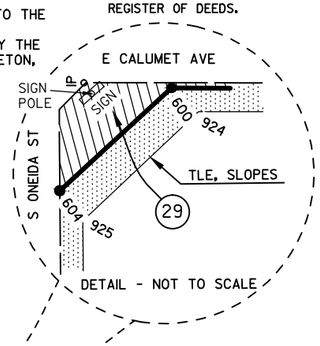
DOCUMENT # 522921
TAMARA ALTEN
REGISTER OF DEEDS
CALUMET COUNTY, WI
06/14/2017 1:20 PM
VOL: D PAGE: 112
RECORDING FEE: 25.00

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.06
AMENDMENT NO:2

GN
SCALE, FEET
0 50 100

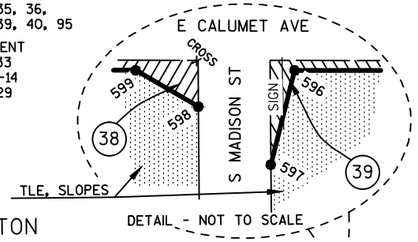
DETAIL - NOT TO SCALE



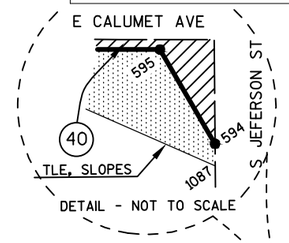


DETAIL - NOT TO SCALE

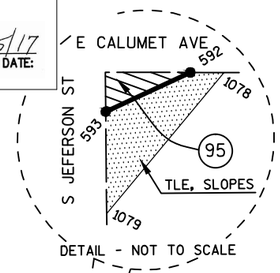
201 AT&T WISCONSIN
NON DESCRIPT
EASEMENT
DOC.6387
V.D P.277
PARCELS 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 95
6' EASEMENT
DOC.162233
J.135 I.13-14
PARCEL 29



DETAIL - NOT TO SCALE



DETAIL - NOT TO SCALE



DETAIL - NOT TO SCALE

MATCHLINE SEE SHEET 4.07

CITY OF APPLETON
OUTAGAMIE COUNTY
SEC LINE =S89°54'00"E 2268.10'
R/L= S89°54'58"E 1164.33' SEC LN - PI

SEC LINE =S89°54'00"E 1205.19' SEC COR - SEC LN

PI 223+77.64
R/L= S89°58'07"W 40.88'
S07°47'39"E 0.18' SEC LN TO R/L
S07°47'39"E 33.13' R/L-592
S89°52'28"E 532.43'

IRON ROD
Y=555775.034
X=828137.720

T 20 N R 17 E / T 20 N R 18 E

E CALUMET ST

CALUMET COUNTY

SLOPE INTERCEPT

IP REBAR

N82°19'54"W 60.61'

S79°37'13"W 60.91'

CUT CROSS
Y=555769.914
X=830938.249

T 21 N R 17 E / T 21 N R 18 E
35 36

CUT CROSS
Y=555771.080
X=830405.816

MATCHLINE SEE SHEET 4.05

WINNEBAGO COUNTY
SEC LINE= N00°29'16"W 2643.42'
R/L= N00°42'09"W 331.92' TO R/L
SEC LN= N00°29'16"W 331.91' TO R/L
CALUMET COUNTY

S ONEIDA ST

S MADISON ST 60'

S JEFFERSON ST 60'

CSM 1746
LOT 1
DOC.242607
V.12 P.197

CSM 3444
DOC.494835
V.30 P.103

ASSESSOR PLAT OF THE LAKE PARK RESERVE BLOCK 1

ASSESSOR PLAT OF THE LAKE PARK RESERVE BLOCK 2

ASSESSOR PLAT OF THE LAKE PARK RESERVE BLOCK 3

TLE, SLOPES & DRIVEWAY

TLE, SLOPES & DRIVEWAY. PORCH EXEMPT FROM TLE

CITY OF APPLETON

E COOLIDGE AVE 60'

MATCHLINE SEE SHEET 4.04

N89°54'00"W 0.32' SEC LN - R/L

N89°54'00"W 61.69' 576 - SEC LN

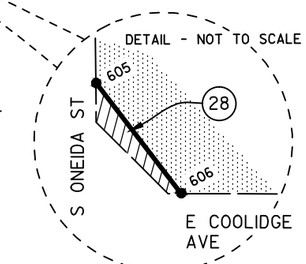
T 20 N R 18 E

CONCRETE MONUMENT WITH BRASS CAP
Y=553131.707
X=828160.218

200 WE ENERGIES, ELEC
NON DESCRIPT
EASEMENT
DOC.448854
J.5347 I.1
PARCELS 28 & 29

202 CITY OF APPLETON
NON DESCRIPT
EASEMENT
V.172 P.688
PARCEL 39

NON DESCRIPT
EASEMENT
DOC.90876
V.85 P.81-82
PARCEL 95



UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
28	CONSTANTINO S. & RAFAELA CASTILLO	FEE, TLE	27	-	27	1,152
29	STEVEN J. LIEBZEIT	FEE, TLE	791	-	791	3,505
30	RICHARD A. LEARMAN & JUDY M. BLECK	FEE, TLE	92	-	92	660
31	EMMANUEL VILLANUEVA	FEE, TLE	91	-	91	660
32	SCOTT R. SIMON	FEE, TLE	90	-	90	660
33	HILARIE J. BUNKERS	FEE, TLE	89	-	89	834
34	STEVEN J. & PAMELA M. PAALMAN	FEE, TLE	88	-	88	840
35	PATRICK J. & SHERRI L. KOLLER	FEE, TLE	87	-	87	840
36	RSDD, LLC	FEE, TLE	86	-	86	981
37	STEVEN W. PUTZ	FEE, TLE	77	-	77	881
38	MICHAEL & CHRISTINE FAUCETT	FEE, TLE	112	-	112	1,018
39	CALUMET CAPITAL, LLC	FEE, TLE	343	-	343	2,471
40	RANDY J. & SANDRA A. DEEG	FEE, TLE	171	-	171	662
95	FREUND INVESTMENTS, LLC	FEE, TLE	54	-	54	212

R/W COURSE TABLE		
592-593	S64°30'31"W	16.68'
594-595	N33°07'10"W	20.32'
595-596	N89°54'58"W	286.00
596-597	S14°08'31"W	13.40'
598-599	N59°55'28"W	10.00'
599-600	N89°54'58"W	699.00'
600-604	S47°23'37"W	44.96'
604-605	S00°29'16"E	195.00'
605-606	S37°31'50"E	15.70'

R/W STATION & OFFSET TABLE		
592	224+23.00	32.84'
593	224+07.94	40.00'
594	223+48.13	51.00'
595	223+37.00	34.00'
596	220+51.00	34.00'
597	220+47.74	47.00'
598	219+87.66	39.00'
599	219+79.00	34.00'
600	212+80.00	34.00'
604	94+69.00	34.32'
605	92+74.00	33.59'
606	92+61.43	43.00'

TLE STATION & OFFSET TABLE		
906	223+15.00	43.00'
907	222+26.00	43.00'
908	222+26.00	48.00'
909	221+75.00	48.00'
910	221+75.00	43.00'
911	220+62.00	43.00'
912	220+47.81	53.55'
913	219+87.77	50.00'
914	218+70.00	50.00'
915	218+70.00	53.00'
916	218+40.00	53.00'
917	218+40.00	48.00'
918	216+30.00	48.00'
919	216+30.00	45.00'
920	214+31.00	45.00'
921	214+31.00	48.00'
922	213+66.00	48.00'
923	213+66.00	41.00'
924	212+88.00	41.00'
925	94+60.00	41.00'
926	93+55.00	41.00
927	93+55.00	51.00'
928	92+77.00	51.00'
929	92+61.01	73.00'
1078	224+29.00	32.84'
1079	224+08.08	58.00'
1087	223+48.	0'

PI	Y	X
223+77.64	555772.73	829302.05

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	R/W PLAT ID 1506-03-21	82'	1976
CALUMET ST	ASSESSOR PLAT LAKE PARK PRESERVE	66'	1950
MADISON ST	ASSESSOR PLAT LAKE PARK PRESERVE	60'	1950
JEFFERSON ST	ASSESSOR PLAT LAKE PARK PRESERVE	60'	1950
COOLIDGE AVE	R/W PLAT ID 1506-03-22	60'	1981

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.07 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.07 RECORDED AS DOCUMENT NUMBER 2080302 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.07 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2101702.

THAT PART OF LOTS 11, 14, 15, 16, 17, 18, 19 & 20, BLOCK 27, LOT 10, BLOCK 32, AND LOT 9, BLOCK 33, EDWARDS WEST PLAT, BEING A PART OF THE SW1/4 - SE1/4 AND THE SE1/4 - SE1/4, ALL IN SECTION 35, TOWNSHIP 21 NORTH, RANGE 18 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST. VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

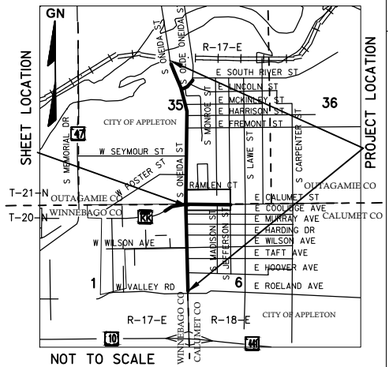
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP



NOT TO SCALE

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.07 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN — DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

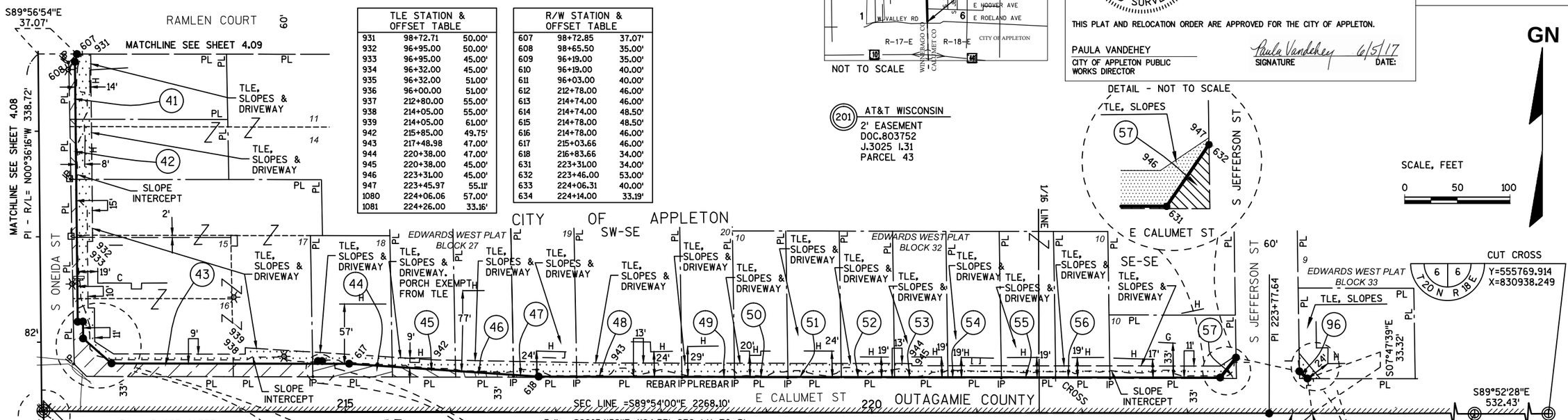
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR
SIGNATURE — DATE: 6/5/17

Document #: **2107196**
Date: **06-23-2017** Time: **11:58 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
IKBTS - Appleton

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.07
AMENDMENT NO:2

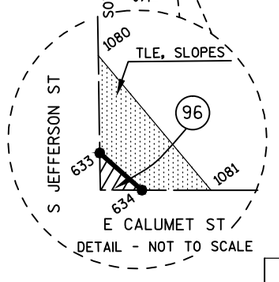


TLE STATION & OFFSET TABLE		
931	98+72.71	50.00'
932	96+95.00	50.00'
933	96+95.00	45.00'
934	96+32.00	45.00'
935	96+32.00	51.00'
936	96+00.00	51.00'
937	212+80.00	55.00'
938	214+05.00	55.00'
939	214+05.00	61.00'
942	215+85.00	49.75'
943	217+48.98	47.00'
944	220+38.00	47.00'
945	220+38.00	45.00'
946	223+31.00	45.00'
947	223+45.97	55.11'
1080	224+06.06	57.00'
1081	224+26.00	33.16'

R/W STATION & OFFSET TABLE		
607	98+72.85	37.07'
608	98+65.50	35.00'
609	96+19.00	35.00'
610	96+19.00	40.00'
611	96+03.00	40.00'
612	212+78.00	46.00'
613	214+74.00	46.00'
614	214+74.00	48.50'
615	214+78.00	48.50'
616	214+78.00	46.00'
617	215+03.66	46.00'
618	216+83.66	34.00'
631	223+31.00	34.00'
632	223+46.00	53.00'
633	224+06.31	40.00'
634	224+14.00	33.19'

(201) AT&T WISCONSIN
2' EASEMENT
DOC.803752
J.3025 I.31
PARCEL 43

DETAIL - NOT TO SCALE



DETAIL - NOT TO SCALE

SCALE, FEET
0 50 100

GN

SCHEDULE OF LANDS & INTEREST REQUIRED	OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.					
PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
41	JOHN J. JANET M. KENNEDY	FEE, TLE	331	-	331	920
42	US BANK NATIONAL ASSOCIATION	FEE, TLE	303	-	303	855
43	FRONTIER WISCONSIN HOLDINGS, LLC	FEE, TLE	4,036	-	4,036	4,062
44	MICHAEL H. BECKER	FEE, TLE	897	-	897	699
45	JAMES J. MISCHLER	FEE, TLE	466	-	466	557
46	JOHN J. & WILLIAM T. SECARD	FEE, TLE	217	-	217	634
47	DEAN A. & DEBORAH S. STEWART	FEE, TLE	51	-	51	821
48	RANDY B. LEWINS	FEE, TLE	55	-	55	1,307
49	VANDEYACHT PROPERTIES, LLC	FEE, TLE	29	-	29	650
50	AMY L. JACKSON	FEE, TLE	30	-	30	659
51	MICHAEL A., WENDY S., & LUKE J. FISHER	FEE, TLE	31	-	31	659
52	THOMAS A. & GRACE E. VOLMER	FEE, TLE	31	-	31	659
53	SANDRA J. MEETZ & CO-OWNER COLETTE B. IHDE	FEE, TLE	32	-	32	590
54	THEODORE J. KARY	FEE, TLE	33	-	33	557
55	JOHN L. & JOAN M. FULCER	FEE, TLE	34	-	34	567
56	LYNN M. DRIESSEN	FEE, TLE	35	-	35	567
57	STEVE J. AMICH	FEE, TLE	229	-	229	1,251
96	DANIEL J. & MARJORIE NIMMER	FEE, TLE	26	-	26	207

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
201	AT&T WISCONSIN	RELEASE OF RIGHTS

PI	Y	X
223+77.64	555772.73	829302.05

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	R/W PLAT ID 1506-03-21	82'	1976
CALUMET ST	ASSESSOR PLAT LAKE PARK PRESERVE	66'	1950
CALUMET ST	EDWARDS WEST PLAT	--'	1907
JEFFERSON ST	ASSESSOR PLAT LAKE PARK PRESERVE	60'	1950

R/W COURSE TABLE		
607-608	S15°05'57"W	7.63'
608-609	S00°36'16"E	246.50'
609-610	N89°23'44"E	5.00'
610-611	S00°36'16"E	16.00'
611-612	S48°57'08"E	35.87'
612-613	S89°54'58"E	196.00'
613-614	N00°05'02"E	2.50'
614-615	S89°54'58"E	4.00'
615-616	S00°05'02"W	2.50'
616-617	S89°54'58"E	25.66'
617-618	S86°06'08"E	180.40'
618-631	S89°54'58"E	647.34'
631-632	N38°22'49"E	24.21'
632-633	S77°47'16"E	61.60'
633-634	S48°31'02"E	10.27'

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.08 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.08 RECORDED AS DOCUMENT NUMBER 2080317 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.08 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2101703.

THAT PART OF LOTS 5 & 6, BLOCK 2, CHESTER J. MEIERS REPLAT, BEING A PART OF THE SE1/4 - SW1/4, SECTION 35, ALSO THAT PART OF LOTS 13, 14, 15 & 16, BLOCK 26, EDWARDS WEST PLAT, BEING A PART OF THE SW1/4 - SE1/4, SECTION 35, ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

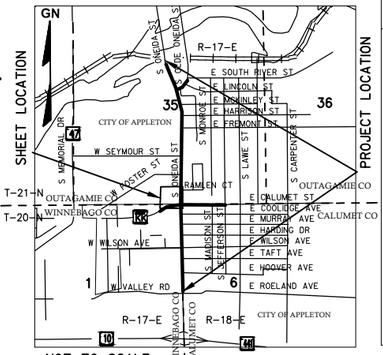
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP



NOT TO SCALE

SCALE, FEET

0 50 100

GN

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 – 4.08 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

NATHAN A. VAUGHN — 05/17/2017 DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

SIGNATURE — DATE: 6/5/17

Document #: 2107197
Date: 06-23-2017 Time: 11:58 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
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KBTS - Appleton

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.08
AMENDMENT NO: 2

(202) CITY OF APPLETON
8' STORM
SEWER EASEMENT
DOC.1058836
J.13218, I.20
PARCEL 60

15' STORM
SEWER EASEMENT
CHESTER J MEIER REPLAT
DOC.443640
PARCELS 58 & 59

15' WATERMAIN
EASEMENT
LIS PENDENS DOC.1155278, DOC.1163901, DOC.1163988
PARCEL 58

(200) WE ENERGIES, ELEC
NON DESCRIPT
EASEMENT
DOC.455404
V.414 P.363
PARCELS 58 & 59

PI	Y	X
95+34.55	555775.03	828136.15

R/W COURSE TABLE		
635-636	N12°51'52"W	2.50'
636-637	N75°59'54"E	4.19'
637-638	S12°38'07"E	2.50'
639-640	N02°05'53"W	11.28'
640-641	N88°46'48"E	32.45'
641-642	N30°05'07"E	24.71'
642-643	N00°04'41"W	143.01'
643-644	S89°23'44"W	11.62'
644-645	N00°36'16"W	15.00'
645-646	N89°23'44"E	11.76'
646-647	N00°04'41"W	112.79'

CURVE TABLE				
CURVE	CURVE LENGTH	RADIUS	LONG CHORD BEARING	CHORD LENGTH
RW1-635	84.00'	884.00'	N73°08'13"E	83.97'
638-639	192.62'	884.00'	N82°22'22"E	192.24'
647-RW2	54.57'	1635.22'	N00°32'19"E	54.56'

TLE STATION & OFFSET TABLE		
948	209+10.00	53.00'
949	209+10.00	61.00'
950	211+03.00	61.00'
951	96+04.00	64.00'
952	96+95.00	64.00'
953	96+95.00	71.00'
954	97+78.00	71.00'
955	97+78.00	61.00'
956	98+88.00	61.00'
957	98+88.00	76.00'
958	99+25.00	76.00'

R/W STATION & OFFSET TABLE		
RW1	208+44.62	43.26'
635	209+25.00	45.75'
636	209+25.00	48.25'
637	209+29.00	48.34'
638	209+29.00	45.84'
639	211+13.00	46.72'
640	211+13.00	58.00'
641	211+43.67	58.00'
642	96+14.00	55.19'
643	97+57.00	53.88'
644	97+57.00	65.50'
645	97+72.00	65.50'
646	97+72.00	53.74'
647	98+84.79	52.70'
RW2	99+39.34	51.61'

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS

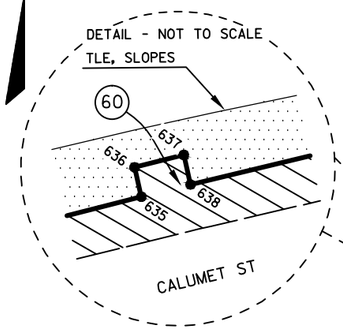
HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-22	VARIES	1981
ONEIDA ST	R/W PLAT ID 1506-03-21	82'	1976
CALUMET ST	CSM 871	80'	1981
CALUMET ST	CSM 1367	80'	1984
CALUMET ST	CSM 2506	80'	1992
CALUMET ST	SCOTTSDALE CONDOMINIUM	80'	1987

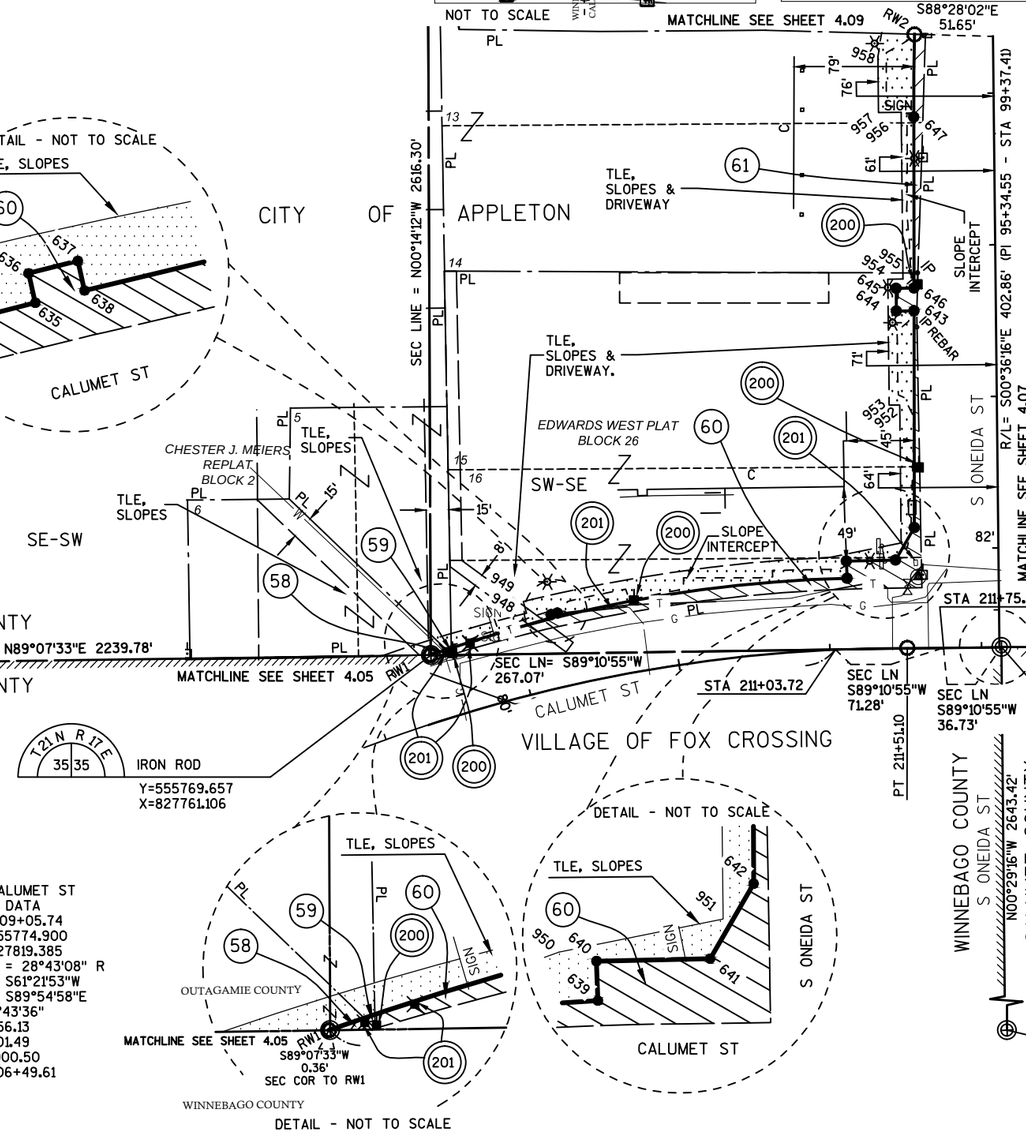
R/L CALUMET ST
CURVE DATA
PI = 209+05.74
Y = 555774.900
X = 827819.385
DELTA = 28°43'08" R
D.B. = S61°21'53"W
D.A. = S89°54'58"E
D = 5°43'36"
T = 256.13
L = 501.49
R = 1000.50
PC= 206+49.61

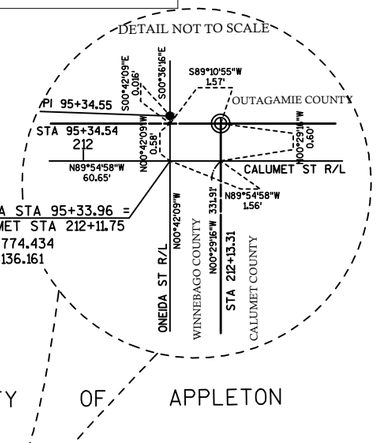
SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED			TLE SQ. FT.
			NEW	EXISTING	TOTAL	
58	IMELDA WHITMAN	FEE, TLE	26	-	26	238
59	JEROME JOCHIMSEN	FEE, TLE	7	-	7	68
60	ONEIDA RESTAURANT CORPORATION	FEE, TLE	3,555	-	3,555	5,839
61	WALTRUST PROPERTIES, INC	FEE, TLE	807	-	807	2,040







TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.09 AMENDMENT NO: 2

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.09 RECORDED AS DOCUMENT NUMBER 2080318 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.09 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2101704.

THAT PART OF LOT 2 CSM 756, CSM 5644, LOT 1 CSM 4054, LOTS 11, 12, 13 BLOCK 26, LOTS 1 & 2 BLOCK 23, LOTS 4, 5, 6, 7, 8, 9, 10, 11 BLOCK 27 OF EDWARDS WEST PLAT, ALL BEING A PART OF THE SW1/4 - SE1/4, AND THAT PART OF CSM 5644 IN THE NW1/4 - SE1/4 SECTION 35, TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

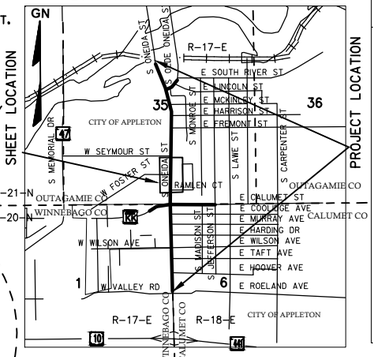
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP NOT TO SCALE



SCALE, FEET
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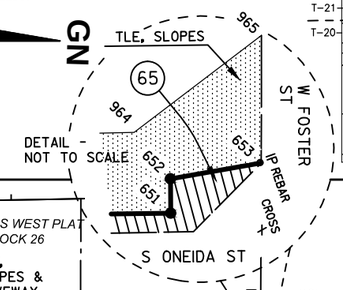
GN



R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.09 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
DATE

NATHAN A. VAUGHN
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

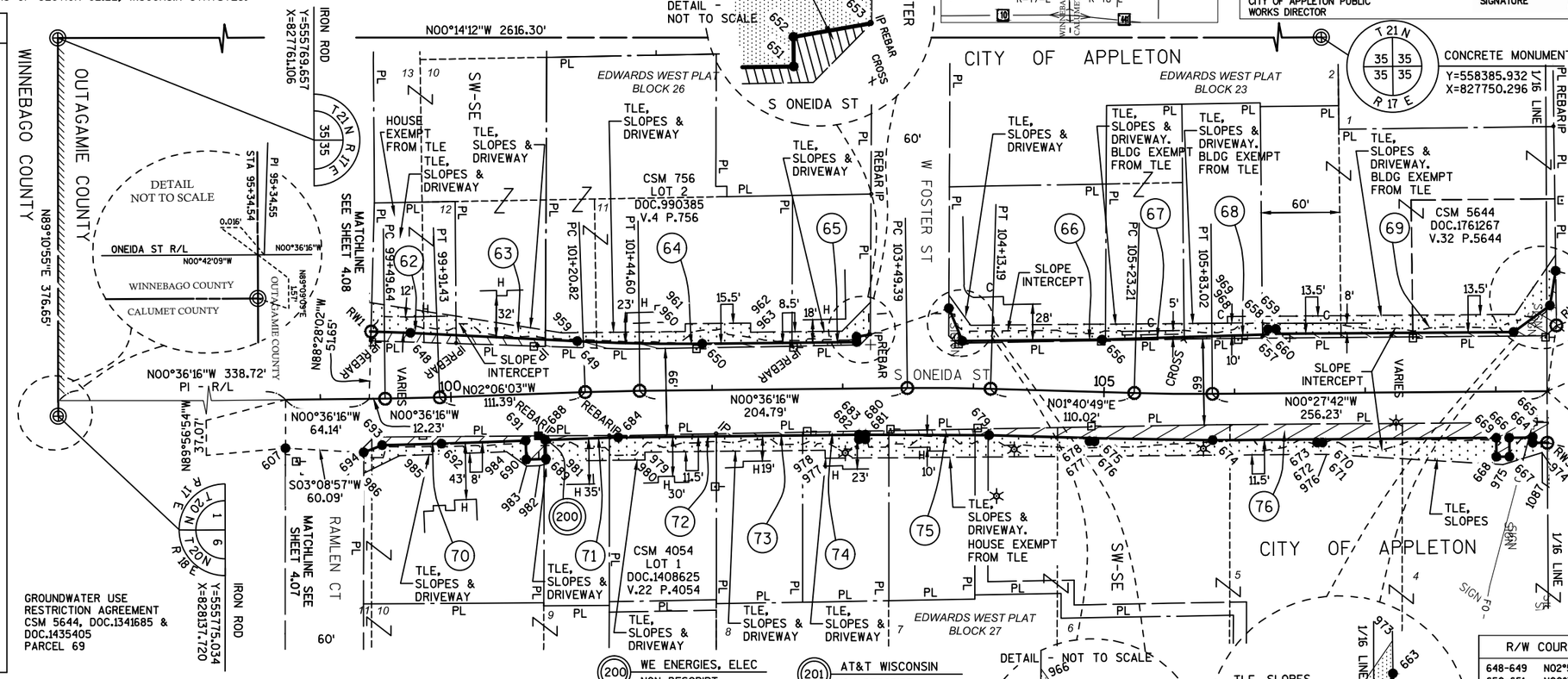
SIGNATURE DATE: 6/5/17

Document #: 2107198
Date: 06-23-2017 Time: 11:58 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
KBTS - Appleton

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.09
AMENDMENT NO:2

R/W STATION & OFFSET TABLE		
RW1	99+39.34	51.61'
648	99+70.25	50.09'
649	100+98.29	39.10'
650	101+92.78	35.50'
651	103+11.00	35.50'
652	103+11.00	39.50'
653	103+21.59	41.25'
654	103+80.69	61.00'
655	103+91.00	36.05'
656	104+97.49	40.16'
657	106+26.00	45.10'
658	106+26.00	49.11'
659	106+32.00	49.24'
660	106+32.00	45.50'
661	108+14.00	45.50'
662	108+42.00	65.50'
663	108+46.56	92.00'
RW2	108+46.77	50.26'
RW3	108+39.12	39.50'
664	108+28.00	39.50'
665	108+28.00	35.50'
666	108+10.00	35.50'
667	108+10.00	50.00'
668	108+00.00	50.00'
669	108+00.00	35.50'
670	106+67.00	35.50'
671	106+67.00	38.00'
672	106+63.00	38.00'
673	106+63.00	35.50'
674	105+83.04	35.50'
675	104+94.00	35.50'
676	104+94.00	38.00'
677	104+90.00	38.00'
678	104+90.00	35.50'
679	104+13.19	35.50'
680	103+17.00	35.50'
681	103+17.00	39.00'
682	103+12.00	39.00'
683	103+12.00	35.50'
684	101+27.38	35.41'
688	100+71.00	35.50'
689	100+71.00	50.00'
690	100+56.00	50.00'
691	100+56.00	35.50'
692	99+91.43	35.50'
693	99+47.00	35.50'
694	99+32.81	41.00'
607	98+72.85	37.07'



TLE STATION & OFFSET TABLE		
959	100+87.00	45.97'
960	101+80.00	45.00'
961	101+80.00	51.00'
962	102+30.00	51.00'
963	102+30.00	44.00'
964	103+00.00	44.00'
965	103+21.96	66.00'
966	103+80.65	71.00'
967	103+97.00	48.26'
968	105+95.00	54.00'
969	105+95.00	59.00'
972	108+15.00	59.00'
973	108+46.50	104.00'
1087	108+35.00	70.00'
974	108+35.00	47.00'
975	108+05.00	56.00'
976	106+70.00	47.00'
977	102+86.00	53.19'
978	102+86.00	47.00'
979	101+48.00	47.00'
980	101+48.00	53.00'
981	100+80.00	51.88'
982	100+66.00	55.00'
983	100+56.00	55.00'
984	100+41.00	43.50'
985	99+60.00	43.82'
986	99+32.62	57.00'

R/W COURSE TABLE cont..		
RW3-664	S00°27'42"E	11.12'
664-665	S89°32'18"W	4.00'
665-666	S00°27'42"E	18.00'
666-667	N89°32'18"E	14.50'
667-668	S00°27'42"E	10.00'
668-669	S89°32'18"W	14.50'
669-670	S00°27'42"E	133.00'
670-671	N89°32'18"E	2.50'
671-672	S00°27'42"E	4.00'
672-673	S89°32'18"W	2.50'
673-674	S00°27'42"E	79.96'
674-675	S00°57'20"W	90.36'
675-676	S88°19'11"E	2.50'
676-677	S01°40'49"W	4.00'
677-678	N88°19'11"W	2.50'
678-679	S01°40'49"W	76.81'
679-680	S00°08'51"W	94.77'
680-681	N89°23'44"E	3.50'
681-682	S00°36'16"E	5.00'
682-683	S89°23'44"W	3.50'
683-684	S00°36'16"E	184.23'
684-688	S02°00'17"E	55.84'
688-689	N87°53'57"E	14.50'
689-690	S02°06'03"E	15.00'
690-691	S87°53'57"W	14.50'
691-692	S02°06'03"E	64.57'
692-693	S01°18'23"E	45.36'
693-694	S21°47'43"E	15.22'

R/W COURSE TABLE		
648-649	N02°53'44"E	127.86'
650-651	N00°36'16"W	118.22'
651-652	S89°23'44"W	4.00'
652-653	N09°58'41"W	10.73'
653-654	N18°28'11"W	63.35'
654-655	N67°38'30"E	27.11'
655-656	N00°36'16"W	107.07'
656-657	N01°45'55"W	127.01'
657-658	S89°32'18"W	4.00'
658-659	N01°45'55"W	6.00'
659-660	N89°32'18"E	3.74'
660-661	N00°27'42"W	182.00'
661-662	N35°59'59"W	34.41'
662-663	N80°42'01"W	26.89'

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
62	NICKOLAOS EFTHIMIOU	FEE, TLE	456	-	456	1,172
63	DONALD H. & MARGARET A. KIRCHNER	FEE, TLE	397	-	397	745
64	LESLIE A. & LYNNE A. JAMES	FEE, TLE	698	-	698	1,893
65	JANINE L. GOTTFREID	FEE, TLE	161	-	161	697
66	SHAWN C. SUMNICHT	FEE, TLE	260	-	260	1,493
67	MICHAEL & MICHELLE JOHNSON	FEE, TLE	72	-	72	664
68	MDC REAL ESTATE INVESTMENTS, LLC	FEE, TLE	123	-	123	714
69	SEYMOUR, LLC	FEE, TLE	1,139	-	1,139	3,294
70	JEFFREY P. WILLIAMSON	FEE, TLE	916	-	916	1,299
71	CHARLES MILHAUPT	FEE, TLE	141	-	141	832
72	BRIAN T. KROSTUE	FEE, TLE	139	-	139	1,106
73	THE RAMONA E. KELPINSKE REV. TRUST	FEE, TLE	147	-	147	759
74	GLENNA C. MUELLER	FEE, TLE	200	-	200	1,047
75	TIMOTHY SCHROEDER	FEE, TLE	257	-	257	1,139
76	ST ELIZABETH HOSPITAL, INC	FEE, TLE	4,719	-	4,719	6,137

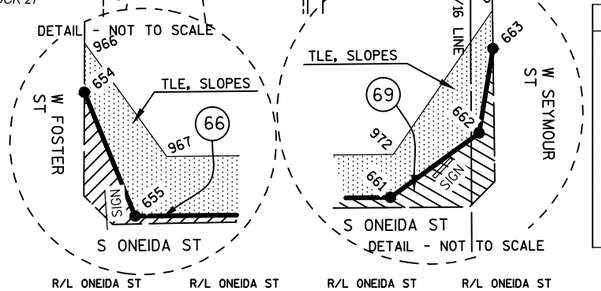
(200) WE ENERGIES, ELEC
NON DESCRIPT EASEMENT DOC.504723 V.487 P.349 PARCEL 72

(201) AT&T WISCONSIN
NON DESCRIPT EASEMENT DOC.504723 V.487 P.349 PARCEL 72
NON DESCRIPT EASEMENT DOC.362486 V.275 P.529 PARCEL 76
10' EASEMENT DOC.1168926 J.17350 I.09 PARCEL 76

(202) CITY OF APPLETON
60' STORM SEWER AGREEMENT DOC.693115 V.973 P.643 PARCEL 69

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-21	VARIES/66'	1976
ONEIDA ST	CSM 756	VARIES/66'	1990
ONEIDA ST	CSM 5644	VARIES	2007
ONEIDA ST	CSM 4054	66'	2001
ONEIDA ST	BOUNDARY SURVEY OMNI ASSOCIATES	VARIES	2003
RAMLEN CT	R/W PLAT ID 1506-03-21	60'	1976
FOSTER ST	EDWARDS WEST PLAT	60'	1907



R/L ONEIDA ST CURVE DATA
PI = 99+70.53
Y = 556210.985
X = 828131.554
DELTA = 01°29'47" L
D.B. = S00°36'16"E
D.A. = N02°06'03"W
D = 03°34'52"
T = 20.89
L = 41.79
R = 1600.00

R/L ONEIDA ST CURVE DATA
PI = 101+23.71
Y = 556364.063
X = 828125.938
DELTA = 01°29'47" R
D.B. = S02°06'03"E
D.A. = N00°36'16"W
D = 03°34'52"
T = 20.89
L = 41.79
R = 1600.00

R/L ONEIDA ST CURVE DATA
PI = 103+81.30
Y = 556621.635
X = 828123.221
DELTA = 02°17'05" R
D.B. = S00°36'16"E
D.A. = N01°40'49"W
D = 03°34'52"
T = 31.91
L = 63.80
R = 1600.00

R/L ONEIDA ST CURVE DATA
PI = 105+53.12
Y = 556793.393
X = 828128.259
DELTA = 01°29'47" L
D.B. = S01°40'49"E
D.A. = N00°27'42"W
D = 03°34'52"
T = 29.91
L = 59.82
R = 1600.00

CURVE TABLE				
CURVE	CURVE LENGTH	RADIUS	LONG CHORD BEARING	CHORD LENGTH
RW1-648	30.30'	1635.22'	N02°01'32"E	30.30'
649-650	95.57'	1564.50'	N01°08'44"E	95.55'

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.10 AMENDMENT NO: 3

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.10 RECORDED AS DOCUMENT NUMBER 2080319, AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.10 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2095126 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.10 AMENDMENT NO: 2 RECORDED AS DOCUMENT NUMBER 2101705.

THAT PART OF CSM 6804, LOTS 3, 4, 5, 6, 7 BLOCK 22, LOTS 1, 2, 3, 4 BLOCK 27, LOTS 1, 2, 3 BLOCK 28, LOTS 7 & 8 BLOCK 21 OF EDWARDS WEST PLAT, ALL BEING PART OF THE NW1/4 - SE1/4 SECTION 35, TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

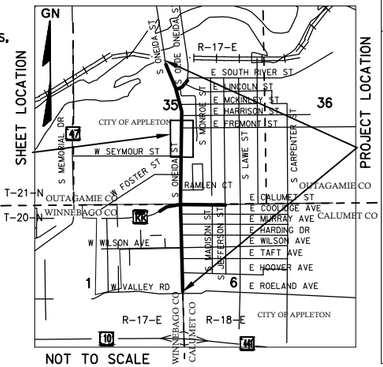
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP



NOT TO SCALE

SCALE, FEET
0 50 100

GN

NO0°14'12"W 2616.30'

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.10 AMENDMENT NO: 3 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK, WI LAND SURVEYOR

05/17/2017
NATHAN A. VAUGHN DATE
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

Paula Vandehey 6/5/17
SIGNATURE DATE:

Document #: **2107199**
Date: **05-23-2017** Time: **11:58 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
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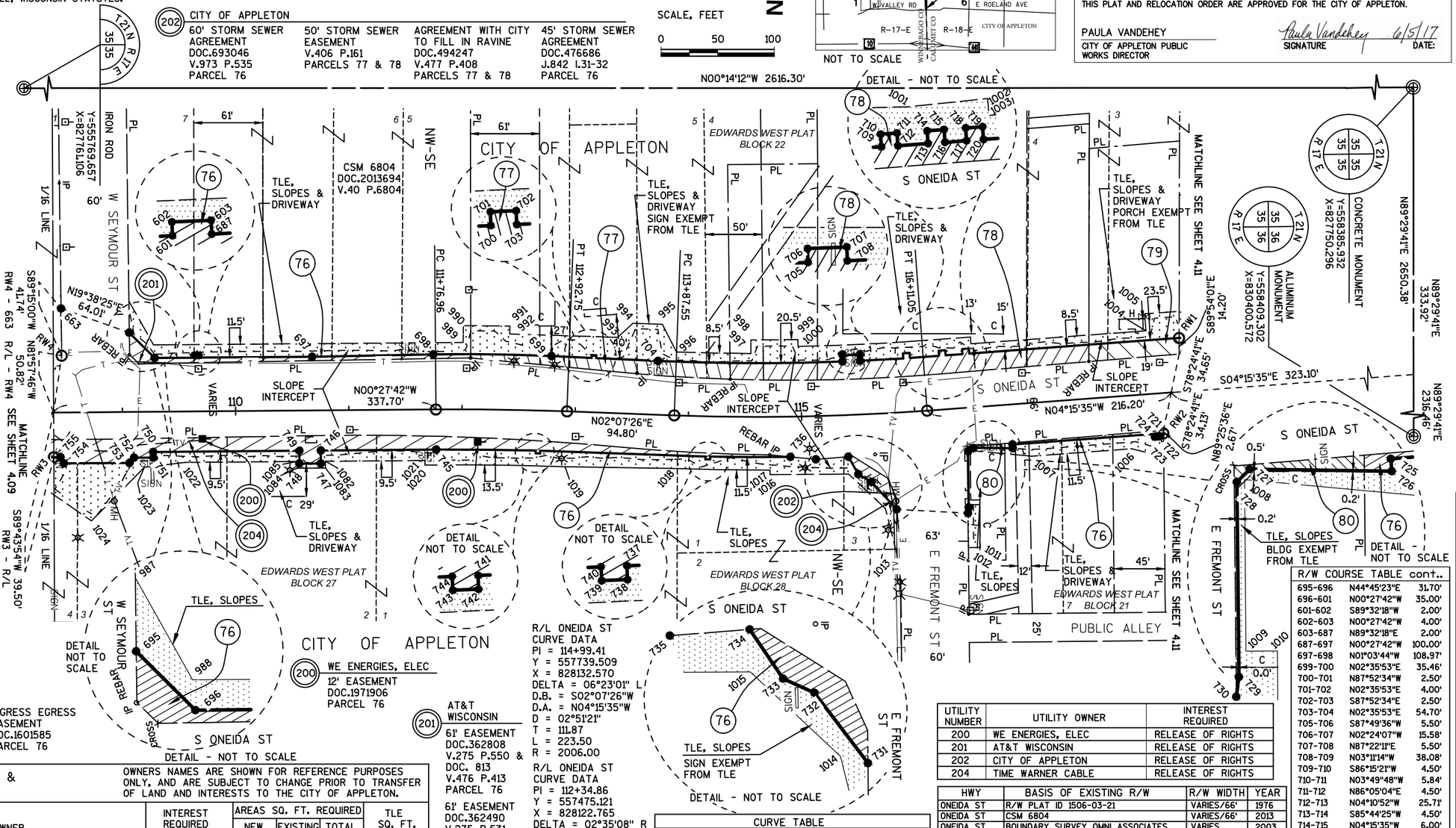
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.10
AMENDMENT NO: 3

R/W STATION & OFFSET TABLE		
RW4	108+46.77	50.26'
663	108+46.56	92.00'
695	109+06.67	70.00'
696	109+29.00	47.50'
601	109+64.00	47.50'
602	109+64.00	49.50'
603	109+68.00	49.50'
687	109+68.00	47.50'
697	110+68.00	47.50'
698	111+76.96	48.64'
699	112+77.58	48.39'
700	113+12.75	48.05'
701	113+12.75	50.55'
702	113+16.75	50.52'
703	113+16.75	48.02'
704	113+71.46	47.57'
705	115+38.00	47.50'
706	115+38.00	53.00'
707	115+54.00	53.00'
708	115+54.00	47.50'
709	115+93.00	47.50'
710	115+93.00	52.00'
711	115+99.00	52.00'
712	115+99.00	47.50'
713	116+25.00	47.50'
714	116+25.00	52.00'
715	116+31.00	52.00'
716	116+31.00	47.50'
717	116+46.00	47.50'
718	116+46.00	52.00'
719	116+52.00	52.00'
720	116+52.00	47.50'
RW1	118+37.39	47.50'
RW2	118+17.76	35.50'
721	118+14.00	35.50'
722	118+14.00	38.00'
723	118+10.00	38.00'
724	118+10.00	35.50'
725	116+84.00	35.50'
726	116+84.00	38.68'
727	116+48.00	35.50'
728	116+44.51	38.50'
729	116+41.35	88.00'
730	116+40.33	93.00'
731	115+79.07	85.26'
732	115+59.00	60.00'
733	115+48.00	52.50'
734	115+40.00	36.76'
735	115+11.73	38.10'
736	114+89.79	35.50'
737	114+20.00	35.50'
738	114+20.00	38.00'
739	114+16.00	38.00'
740	114+16.00	35.50'
741	112+70.00	35.50'
742	112+70.00	38.00'
743	112+66.00	38.00'
744	112+66.00	35.50'
745	111+76.96	35.50'
746	110+75.00	35.50'
747	110+75.00	47.00'
748	110+56.00	47.00'
749	110+56.00	35.50'
750	109+27.00	35.50'
751	109+27.00	40.50'
752	109+10.00	40.50'
753	109+06.00	45.00'
754	108+48.00	45.00'
755	108+45.00	39.50'
RW3	108+39.12	39.50'

(202) CITY OF APPLETON
60' STORM SEWER AGREEMENT DOC.693046 V.973 P.535 PARCEL 76
50' STORM SEWER EASEMENT V.406 P.161 PARCELS 77 & 78
AGREEMENT WITH CITY TO FILL IN RAVINE DOC.494247 V.477 P.408 PARCELS 77 & 78
45' STORM SEWER AGREEMENT DOC.476686 J.842 I.31-32 PARCEL 76


CITY OF APPLETON
W SEYMOUR ST
S ONEIDA ST
E FREMONT ST
EDWARDS WEST PLAT BLOCK 22
EDWARDS WEST PLAT BLOCK 27
EDWARDS WEST PLAT BLOCK 28
EDWARDS WEST PLAT BLOCK 21
CSM 6804 DOC.2013694 V.40 P.6804
MATCHLINE SEE SHEET 4.09
MATCHLINE SEE SHEET 4.11
1/16 LINE
IRON ROD
Y=555769.657 X=827761.106
N19°38'25"W 64.01'
S89°15'00"W 41.74'
N8°57'46"W 50.82'
S89°43'54"W 39.50'
RW4 - 663 R/L - RW4
RW3 - R/L
N89°29'41"E 2650.38'
N89°29'41"E 333.92'
N89°29'41"E 2316.46'
Y=558385.932 X=827750.296
CONCRETE MONUMENT
Y=558409.302 X=830400.572
ALUMINUM MONUMENT
S89°54'20"E 2654.14'
N02°07'26"E 94.80'
N00°27'42"W 337.70'
S04°15'35"E 323.10'
N04°15'35"W 216.20'
S78°24'41"E 34.65'
S78°24'41"E 34.13'
N89°25'36"E 2.67'
SLOPE INTERCEPT
REBAR IP
TLE, SLOPES & DRIVEWAY
TLE, SLOPES & DRIVEWAY SIGN EXEMPT FROM TLE
TLE, SLOPES & DRIVEWAY PORCH EXEMPT FROM TLE
TLE, SLOPES
TLE, SLOPES & DRIVEWAY
TLE, SLOPES BLDG EXEMPT FROM TLE
PUBLIC ALLEY
DETAIL - NOT TO SCALE
DETAIL NOT TO SCALE
DETAIL NOT TO SCALE
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DETAIL - NOT TO SCALE
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DETAIL - NOT TO SCALE
DETAIL - NOT TO SCALE
DETAIL -

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.11 AMENDMENT NO: 3

AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.11 RECORDED AS DOCUMENT NUMBER 2080320, AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.11 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2095127 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.11 AMENDMENT NO: 2 RECORDED AS DOCUMENT NUMBER 2101706.

THAT PART OF LOT 3 CSM 244, LOT 1 CSM 6545, LOTS 5 & 6 BLOCK 12, LOTS 1 & 2 BLOCK 11, LOT 9 BLOCK 10 OF EDWARDS WEST PLAT, ALL BEING PART OF THE SW1/4 - NE1/4, ALSO THAT PART OF LOT 3 CSM 244, LOT 1 CSM 6545, AND LOT 1 CSM 6733, LOTS 1 & 2 BLOCK 22, LOTS 5, 6, 7 BLOCK 21 EDWARDS WEST PLAT, ALL BEING PART OF THE NW1/4 - SE1/4 SECTION 35, TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND TO ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

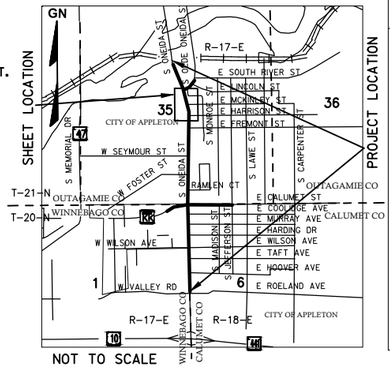
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP



R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.11 AMENDMENT NO: 3 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK, WI LAND SURVEYOR

05/17/2017
DATE

NATHAN A. VAUGHN
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

SIGNATURE DATE: 6/5/17

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SARAH R VAN CAMP, REGISTER OF DEEDS
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.11
AMENDMENT NO:3

(200) WE ENERGIES, ELEC
8' EASEMENT
DOC.796458
J.2741 I.1-7
PARCEL 83

12' EASEMENT
DOC.816007
J.3501 I.11-17
PARCEL 84

(202) CITY OF APPLETON
20' WATER MAIN EASEMENT
J.9797 I.5-8
DOC.968515
PARCELS 83 & 84

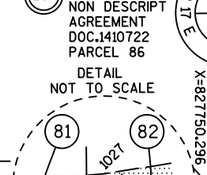
SIGNAL MAINTENANCE EASEMENT
J.5739 I.31-34
DOC.871552
PARCEL 84

(204) TIME WARNER CABLE
NON DESCRIPT AGREEMENT
DOC.1410722
PARCEL 86

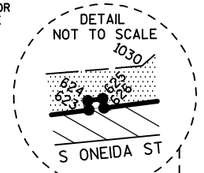
T.21 N
R.17 E
35 35 35 35
CONCRETE MONUMENT
Y=558385.932
X=827750.296

R/L ONEIDA ST
CURVE DATA
PI = 124+02.28
Y = 558640.110
X = 828065.490
DELTA = 19°09'51" L
D.B. = S4°15'35"E
D.A. = N23°25'26"W
D = 02°56'18"
T = 329.19
L = 652.23
R = 1950.00

DETAIL NOT TO SCALE



DETAIL NOT TO SCALE



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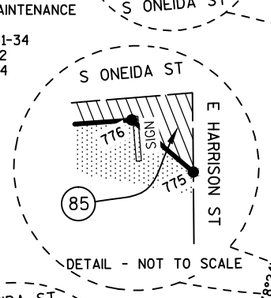
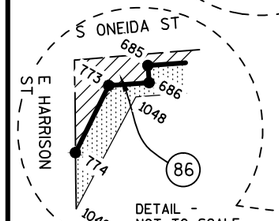
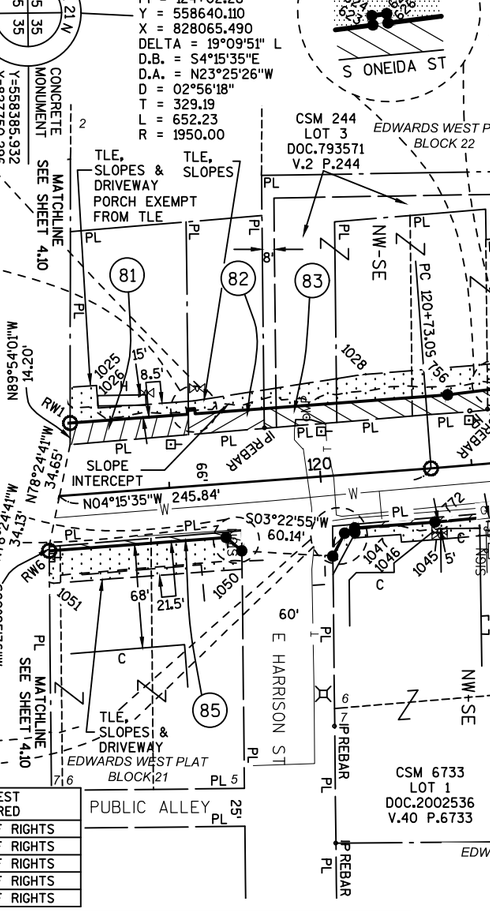


DETAIL - NOT TO SCALE



DETAIL - NOT TO SCALE



UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS
204	TIME WARNER CABLE	RELEASE OF RIGHTS
205	WE ENERGIES, GAS	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTEREST REQUIRED

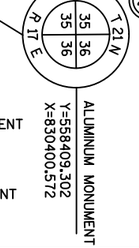
OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED NEW	EXISTING	TOTAL	TLE SQ. FT.
81	GEORGE H. KOENIG & ANATASIA BURKHAM	FEE, TLE	1,084	-	1,084	932
82	GREATER FOX CITIES HABITAT FOR HUMANITY,INC	FEE, TLE	679	-	679	499
83	RIVERVIEW GARDENS INC	FEE, TLE	4,965	-	4,965	8,615
84	RIVERVIEW GARDENS INC; FAIRWAY CONDOMINIUMS	FEE, TLE	2,100	-	2,100	5,219
85	NORTHERN GAS, LLC	FEE, TLE	461	-	461	2,691
86	POSITIVE VENTURES, LLC	FEE, TLE	626	-	626	2,676
87	SOUL PURPOSE MINISTRY, INC	TLE	-	-	-	315
88	GEORGE H. KOENIG & ANASTASIA B. BURKHAM	FEE, TLE	338	-	338	2,212

WELL AGREEMENT BETWEEN OWNERS
V.136 P.282
PARCELS 81 & 82

NON DESCRIPT STORMWATER AGREEMENT
DOC.1699356
PARCEL 85

GROUNDWATER USE RESTRICTION AGREEMENT
CSM 6733
DOC.1351539
PARCEL 86



AT&T WISCONSIN
8' EASEMENT
DOC.796458
J.2741 I.1-7
PARCEL 83

12' EASEMENT
DOC.816007
J.3501 I.11-17
PARCEL 84

12' EASEMENT
DOC.1195652
J.18320 I.46 &
DOC.1195656
J.18320 I.54
PARCEL 84

NON DESCRIPT EASEMENT
DOC.354636
V.269 P.565
PARCEL 87

8' EASEMENT
DOC.1195654
J.18320 I.50-51
PARCEL 88

CURVE	CURVE LENGTH	RADIUS	LONG CHORD BEARING	CHORD LENGTH
759-760	290.50'	1816.00'	N17°50'28"W	290.19'

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-21	VARIES	1976
ONEIDA ST	CSM 244	VARIES	1980
ONEIDA ST	CSM 6733	VARIES	2013
ONEIDA ST	CSM 6545	VARIES	2012
HARRISON ST	EDWARDS WEST PLAT	60'	1907
MCKINLEY ST	EDWARDS WEST PLAT	60'	1907
ORANGE ST	EDWARDS WEST PLAT	40'	1907

SIGN TABLE		
NO.	OWNER	OASIS
86-1	LAMAR CO. LLC	32311 & 32312

R/W COURSE TABLE		
623-624	S82°43'12"W	2.50'
624-625	N07°16'48"W	4.00'
625-626	N82°43'12"E	2.50'
626-SEC LN	N07°16'48"W	32.63'

R/W COURSE TABLE		
SEC LN-757	N07°16'48"W	47.95'
757-627	N10°58'41"W	100.27'
627-628	S79°01'19"W	2.50'
628-629	N10°58'41"W	4.00'
629-630	N79°01'19"E	2.50'
630-758	N10°58'41"W	2.90'
758-759	N09°25'00"W	25.61'
760-761	N22°25'26"W	39.89'
761-762	S67°52'42"W	8.28'
762-763	N22°46'22"W	42.83'
763-RW2	N23°25'26"W	3.08'
RW5-764	S51°43'49"W	4.97'
764-765	S54°15'11"W	57.38'
765-766	S04°45'40"E	190.54'
767-768	S02°28'58"E	170.09'
769-770	S04°47'01"E	43.62'
770-771	N83°18'22"E	1.50'
771-SEC LN	S05°20'06"E	78.73'
SEC LN-772	S05°20'06"E	75.04'
772-685	S04°15'35"E	53.09'
685-686	N85°44'25"E	3.00'
686-773	S04°15'35"E	6.84'
773-774	S62°40'06"E	17.02'
775-776	S40°21'22"W	13.53'
776-RW6	S04°15'35"E	117.24'
RW1-619	N04°15'35"W	77.71'
619-620	S85°44'25"W	3.50'
620-621	N04°15'35"W	5.00'
621-622	N85°44'25"E	3.50'
622-756	N04°15'35"W	167.14'
756-623	N07°16'48"W	29.52'

R/W STATION & OFFSET TABLE		
RW1	118+37.79	47.50'
619	119+15.50	47.50'
620	119+15.50	51.00'
621	119+20.50	51.00'
622	119+20.50	47.50'
756	120+88.00	47.44'
623	121+18.25	48.55'
624	121+18.17	51.04'
625	121+22.28	51.16'
626	121+22.35	48.66'
757	122+05.00	49.16'
627	123+07.91	51.49'
628	123+07.92	53.99'
629	123+12.04	53.98'
630	123+12.02	51.48'
758	123+15.00	51.46'
759	123+41.27	50.41'
760	126+39.90	57.09'
761	126+81.00	57.72'
762	126+81.00	66.00'
763	127+25.33	66.00'
RW2	127+28.41	66.00'
RW3	301+31.24	26.47'
RW4	301+84.47	28.27'
RW5	301+84.42	31.81'
764	301+79.86	32.00'
765	301+27.46	36.13'
766	125+27.02	79.51'
767	124+89.80	69.11'
768	123+27.48	34.77'
769	122+66.63	40.52'
770	122+24.00	37.07'
771	122+24.00	38.57'

R/W STATION & OFFSET TABLE		
772	120+73.09	35.50'
685	120+20.00	35.50'
686	120+20.00	38.50'
773	120+13.16	38.50'
774	120+04.24	53.00'
775	119+44.63	45.00'
776	119+35.00	35.50'
RW6	118+17.76	35.50'

TLE STATION & OFFSET TABLE		
1025	118+57.00	71.00'
1026	118+57.00	56.00'
1027	119+20.00	56.00'
1028	120+32.00	65.00'
1030	121+34.00	65.00'
1031	121+72.00	90.00'
1032	122+61.00	75.00'
1033	124+75.00	75.00'
1034	124+75.00	65.00'
1035	126+71.00	65.00'
1036	126+71.00	70.00'
1037	127+25.32	80.00'
1038	301+30.00	45.00'
1039	126+43.00	122.00'
1040	125+24.53	88.00'
1041	123+45.00	37.76'
1042	123+20.96	69.00'
1043	122+60.84	77.00'
1044	122+64.00	47.00'
1045	120+73.09	47.00'
1046	120+50.00	47.00'
1047	120+50.00	42.00'
1048	120+18.00	42.00'
1049	120+03.47	65.00'
1050	119+43.86	57.00'
1051	118+19.00	57.00'

FILE NAME:S/5166283/PLAT/TPP300.DWG

4984-01-73 - 4.11 AMENDMENT NO: 3

TRANSPORTATION PROJECT PLAT NO: 4984-01-73 - 4.12 AMENDMENT NO: 2

ADDS UTILITY NUMBER 200 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.12 RECORDED AS DOCUMENT NUMBER 2080321 AND AMENDS RELOCATION ORDER, NOTES, AND CERTIFICATE LANGUAGE OF TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.12 AMENDMENT NO: 1 RECORDED AS DOCUMENT NUMBER 2101707.

THAT PART OF LOTS 1 &2 CSM 244, LOTS 1, 2, 3 CSM 510, LOT 9 BLOCK 10, AND LOT 6 BLOCK 3 OF EDWARDS WEST PLAT, BEING PART OF THE SW1/4 - NE1/4, SECTION 35, TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY WISCONSIN.

RELOCATION ORDER ONEIDA ST, VALLEY RD TO SKYLINE BRIDGE

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, SCALE, FEET PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

NOTES:

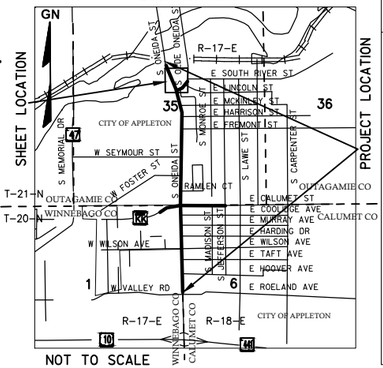
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 2080302, OF TRANSPORTATION PROJECT PLATS IN THE OUTAGAMIE COUNTY REGISTER OF DEEDS.

LOCATION MAP



INGRESS/EGRESS EASEMENT
DOC.791226
J.2532 I.12-16 &
DOC.793897
J.2640 I.44-48
PARCEL 83

15' UTILITY EASEMENT
DOC.793897
J.2640-2644 I.44-48
PARCEL 89

JOINT PARKING LOT EASEMENT
CSM 510
DOC.950456
V.3 P.510
PARCELS 90 & 91

(202) CITY OF APPLETON
SIGNAL MAINTENANCE EASEMENT
DOC.871552
J.5739 I.31-34
PARCEL 89

40' SANITARY SEWER EASEMENT
DOC.793897
J.2640-2644 I.44-48
PARCEL 89

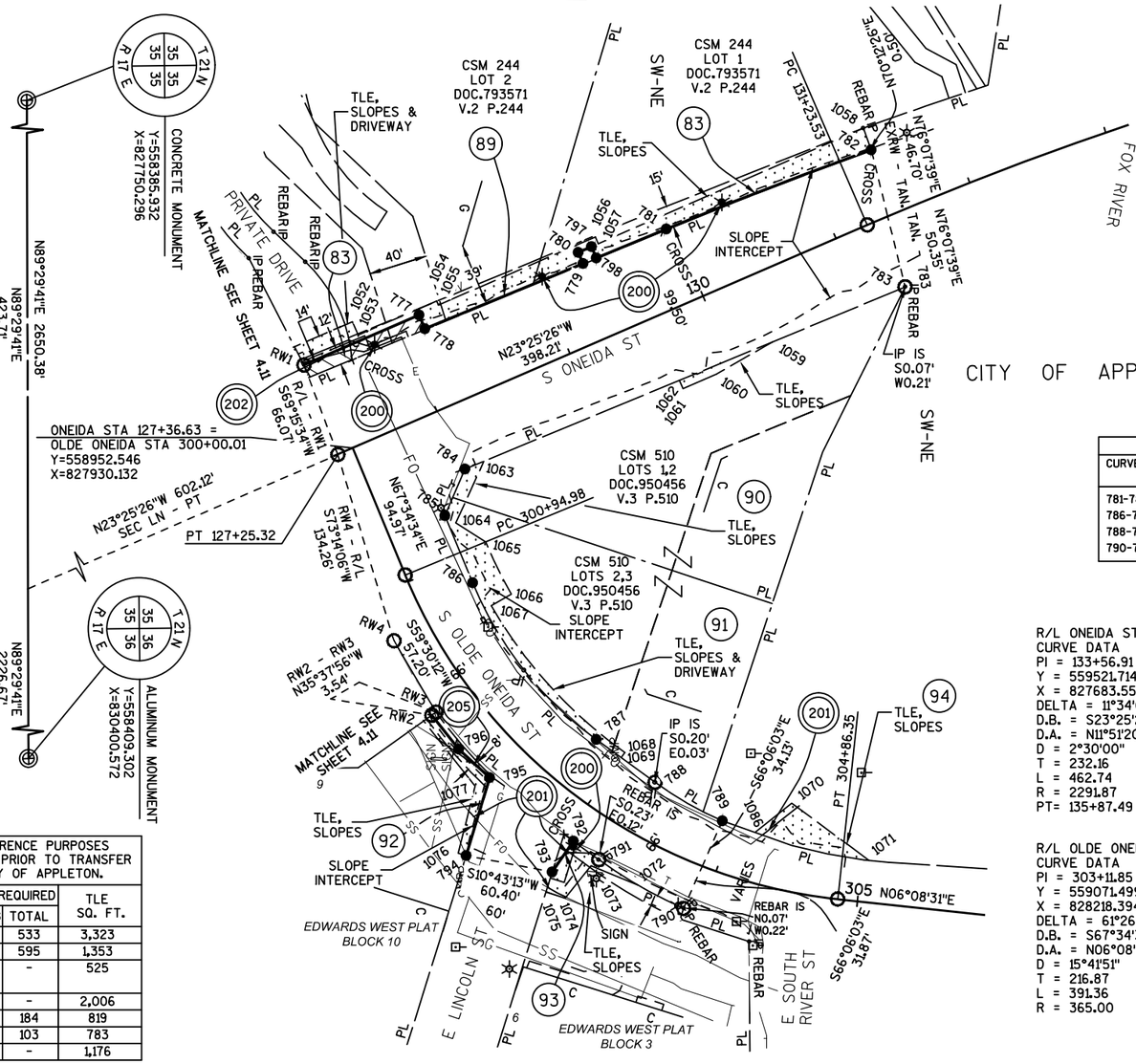
PARKING & SIDEWALK EASEMENT
QUIT CLAIM DEED
DOC.1972421
PARCELS 90 & 91

(201) AT&T WISCONSIN
12' EASEMENT
DOC.1195652
J.18320 I.46 &
DOC.1195656
J.18320 I.54
PARCEL 83

8' EASEMENT
DOC.1195653
J.18320 I.48-49
PARCEL 92

8' EASEMENT
DOC.1195655
J.18320 I.52-53
PARCEL 93

10'X30' EASEMENT
DOC.1195651
J.18320 I.43-44
PARCEL 93



CITY OF APPLETON

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
ONEIDA ST	R/W PLAT ID 1506-03-21	VARIES	1976
ONEIDA ST	CSM 244	99.50'	1980
ONEIDA ST	CSM 510	99.50'	1988
OLDE ONEIDA ST	CSM 510	66'	1988
LINCOLN ST	EDWARDS WEST PLAT	60'	1907
E SOUTH RIVER ST	EDWARDS WEST PLAT	70'	1907
PRIVATE DR	CSM 244	VARIES	1980

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
200	WE ENERGIES, ELEC	RELEASE OF RIGHTS
201	AT&T WISCONSIN	RELEASE OF RIGHTS
202	CITY OF APPLETON	RELEASE OF RIGHTS
205	WE ENERGIES, GAS	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE CITY OF APPLETON.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SQ. FT. REQUIRED			TLE SQ. FT.
			NEW	EXISTING	TOTAL	
83	RIVERVIEW GARDENS INC.	FEE, TLE	533	-	533	3,323
89	RIVERVIEW GARDENS INC; CERCLE CONDOMINIUMS	FEE, TLE	595	-	595	1,353
90	DANIEL & SANDEE J. MCKINNON & PROFESSIONAL BUILDING PARTNERSHIP	TLE	-	-	-	525
91	1010 SOUTH ONEIDA STREET, LLC	TLE	-	-	-	2,006
92	LULU ENTERPRISES, LLC	FEE, TLE	184	-	184	819
93	R.P. MOSES, LLC	FEE, TLE	103	-	103	783
94	STATE OF WISCONSIN	TLE	-	-	-	1,176

R.A. Smith National
Beyond Surveying and Engineering

I, NATHAN A. VAUGHN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 4984-01-73 - 4.12 AMENDMENT NO: 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN NATHAN A. VAUGHN S-2986 JOHNSON CREEK WI LAND SURVEYOR

05/17/2017
DATE

NATHAN A. VAUGHN
AGENT FOR R.A. SMITH NATIONAL
P.L.S. NUMBER 2986

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.

PAULA VANDEHEY
CITY OF APPLETON PUBLIC WORKS DIRECTOR

6/5/17
SIGNATURE DATE:

Document #: 2107201
Date: 06-23-2017 Time: 11:58 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
KBTS - Appleton

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-01-73 - 4.12
AMENDMENT NO:2

R/W COURSE TABLE		
RW1-777	N23°25'26"W	86.59'
777-778	N66°34'34"E	10.39'
778-779	N22°28'14"W	118.02'
779-780	S66°34'34"W	8.35'
780-797	N23°25'26"W	10.00'
797-798	N66°34'34"E	8.52'
798-781	N22°28'17"W	52.14'
783-784	S22°28'17"E	328.67'
784-785	S66°53'34"E	35.00'
785-786	N67°31'43"E	50.08'
787-788	N36°00'41"E	50.16'
791-792	S36°00'41"W	21.74'
792-793	S55°32'53"E	25.81'
794-795	N73°17'07"W	56.21'
795-796	S42°36'04"W	28.99'
796-RW2	S51°43'49"W	29.98'

CURVE TABLE				
CURVE	CURVE LENGTH	RADIUS	LONG CHORD BEARING	CHORD LENGTH
781-782	151.60'	3242.44'	N21°07'55"W	151.58'
786-787	139.43'	253.48'	N51°46'12"E	137.68'
788-789	53.60'	253.49'	N29°57'25"E	53.50'
790-791	67.56'	319.49'	S29°57'24"W	67.43'

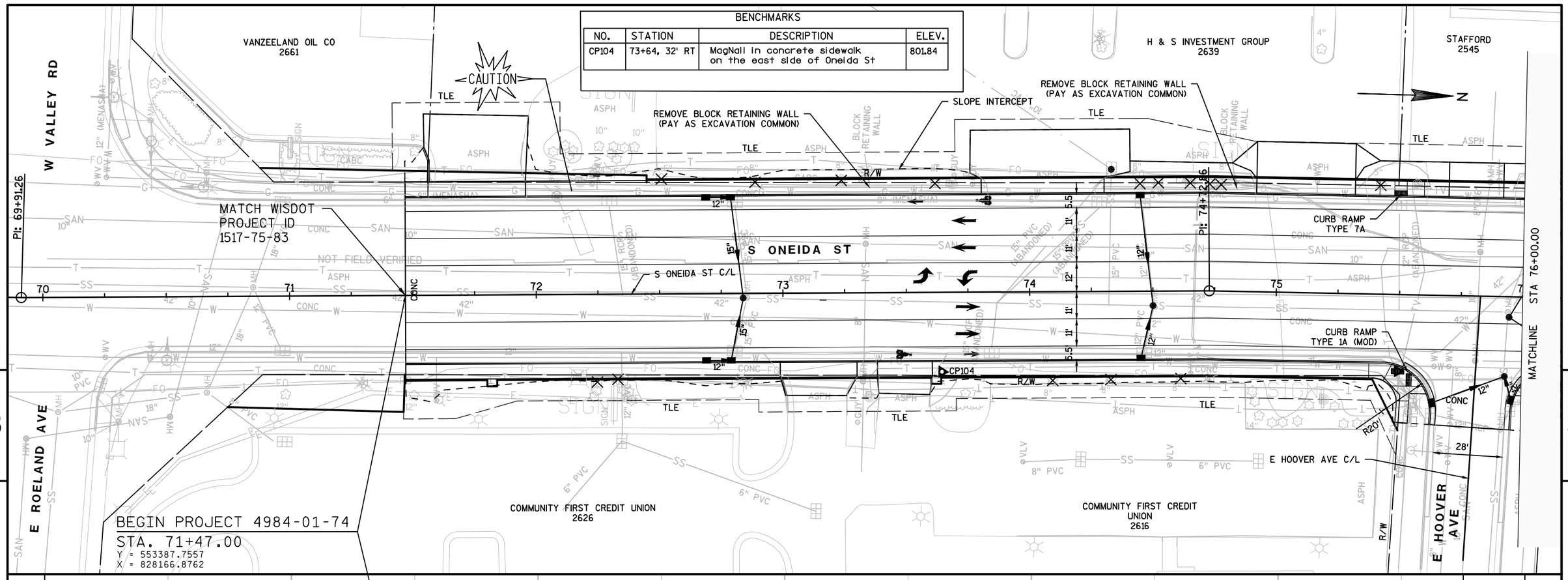
R/L ONEIDA ST
CURVE DATA
PI = 133+56.91
Y = 559521.714
X = 827683.550
DELTA = 11°34'06" R
D.B. = S23°25'26"E
D.A. = N11°51'20"W
D = 2°30'00"
T = 232.16
L = 462.74
R = 2291.87
PT= 135+87.49

R/L OLDE ONEIDA ST
CURVE DATA
PI = 303+11.85
Y = 559071.499
X = 828218.394
DELTA = 61°26'03" L
D.B. = S67°34'34"W
D.A. = N06°08'31"E
D = 15°41'51"
T = 216.87
L = 391.36
R = 365.00

R/W STATION & OFFSET TABLE		
RW1	127+28.41	66.00'
777	128+15.00	66.00'
778	128+15.00	55.61'
779	129+33.00	53.65'
780	129+33.00	62.00'
797	129+43.00	62.00'
798	129+43.00	53.48'
781	129+95.13	52.61'
782	131+46.13	46.67'
783	131+30.62	49.64'
784	128+01.84	44.19'
785	300+67.57	41.00'
786	301+20.48	40.25'
787	302+76.15	39.23'
788	303+32.30	38.10'
789	303+91.57	34.09'
790	303+88.52	31.84'
791	303+26.22	27.63'
792	303+06.00	26.43'
793	303+06.00	52.24'
794	302+60.53	80.00'
795	302+38.65	29.72'
796	302+12.00	32.00'
RW2	301+84.42	31.81'
RW3	301+84.47	28.27'
RW4	301+31.24	26.47'

TLE STATION & OFFSET TABLE		
1052	127+71.00	80.00'
1053	127+71.00	70.00'
1054	128+30.00	70.00'
1055	128+30.00	67.00'
1056	129+48.00	67.00'
1057	129+48.00	62.00'
1058	131+46.97	62.64'
1059	130+32.00	48.01'
1060	129+87.00	53.00'
1061	129+62.00	53.00'
1062	129+62.00	46.85'
1063	128+16.00	44.42'
1064	300+75.00	46.00'
1065	300+94.98	60.00'
1066	301+43.00	60.00'
1067	301+43.00	44.00'
1068	303+00.00	44.00'
1069	303+00.00	39.69'
1086	304+18.00	33.86'
1070	304+40.00	60.00'
1071	305+05.00	28.98'
1072	303+56.00	29.98'
1073	303+24.00	34.00'
1074	303+21.00	62.46'
1075	303+09.63	66.20'
1076	302+56.31	82.36'
1077	302+36.00	41.00'

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP104	73+64, 32' RT	MagNail in concrete sidewalk on the east side of Oneida St	801.84



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 308	E

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP103	79+72, 54' LT	MagNail in asphalt west of sidewalk	805.11

STAFFORD 2545

HAVAN INVESTMENTS 2501

HAVAN INVESTMENTS 2437

KC PROP CO 2407

BRUNDRIDGE 2530

A & S ENTERPRISES 2500

FLEMING 2418

SIMPSON'S RED OX 2318

CAUTION

REMOVE ACCESS

CURB RAMP TYPE 7A

CURB RAMP TYPE 1A (MOD)

CP103

S ONEIDA ST

S ONEIDA ST C/L

E TAFT AVE

E TAFT AVE C/L

SLOPE INTERCEPT

TLE

R/W

MATCHLINE STA 76+00.00

MATCHLINE STA 82+00.00

5

5

VCL = 105.00

K = 447.27

0.35%

0.58%

FINISHED PROFILE

EXISTING PROFILE

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

STA	EXISTING PROFILE ELEVATION	FINISHED PROFILE ELEVATION
76	802.08	802.80
77	802.33	802.97
78	802.52	803.15
79	802.81	803.32
	802.89	803.50
	803.18	803.67
	803.38	803.85
80	803.50	804.02
	803.67	804.20
VPC STA 80+22.50	VPC EL 804.28	
	803.85	804.38
VPI STA 80+75.00	VPI EL 804.46	
81	804.14	804.62
VPT STA 81+27.50	VPT EL 804.77	
	804.43	804.90
82	804.63	805.19

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 309 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050101-PP.DWG
LAYOUT NAME - 050101-PP - S - 02-PP

PLOT DATE : 6/30/2017 4:04 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

MATCHLINE STA 82+00.00

MATCHLINE STA 88+00.00

5

5

W WILSON AVE

W WILSON AVE C/L

EXISTING R/W

RENARD
2405

LUTZ
2317

GTO DEVELOPMENT
2309

THE LAUNDRY CHUTE
2301

HAVAN INVESTMENTS
2215

CAUTION

N

REMOVE ACCESS

SLOPE INTERCEPT

TLE

R/W

CURB RAMP TYPE 7A

CURB RAMP TYPE 4A1

S ONEIDA ST

S ONEIDA ST C/L

CURB RAMP TYPE 1A (MOD)

HMA

CONC

R20'

R25'

34'

28'

BM5

E WILSON AVE

E HARDING DR

E WILSON AVE C/L

E HARDING DR C/L

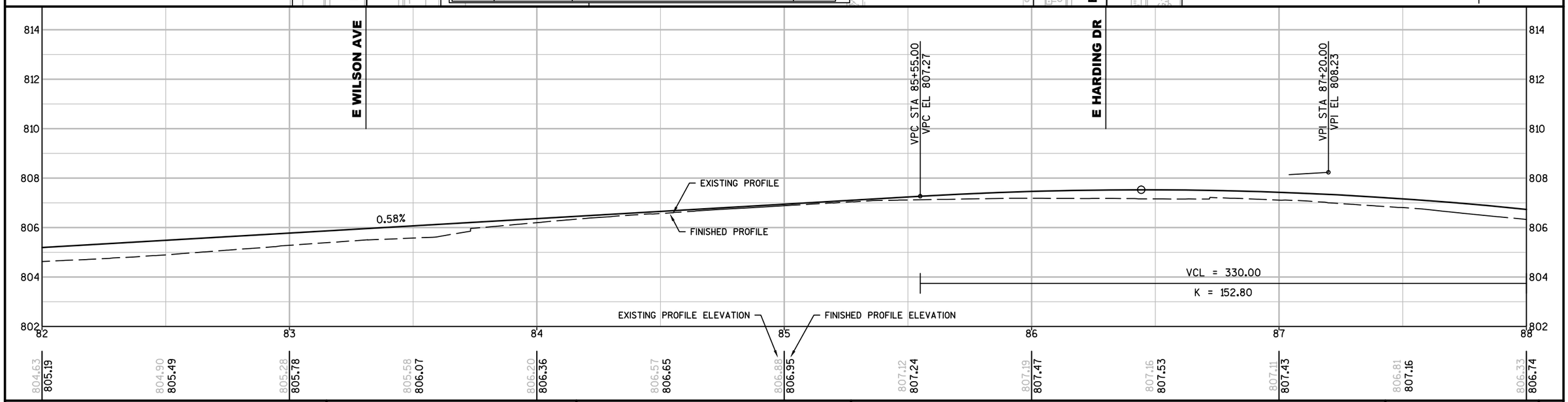
SIMPSON'S RED OX
2318

DEWITT
2306

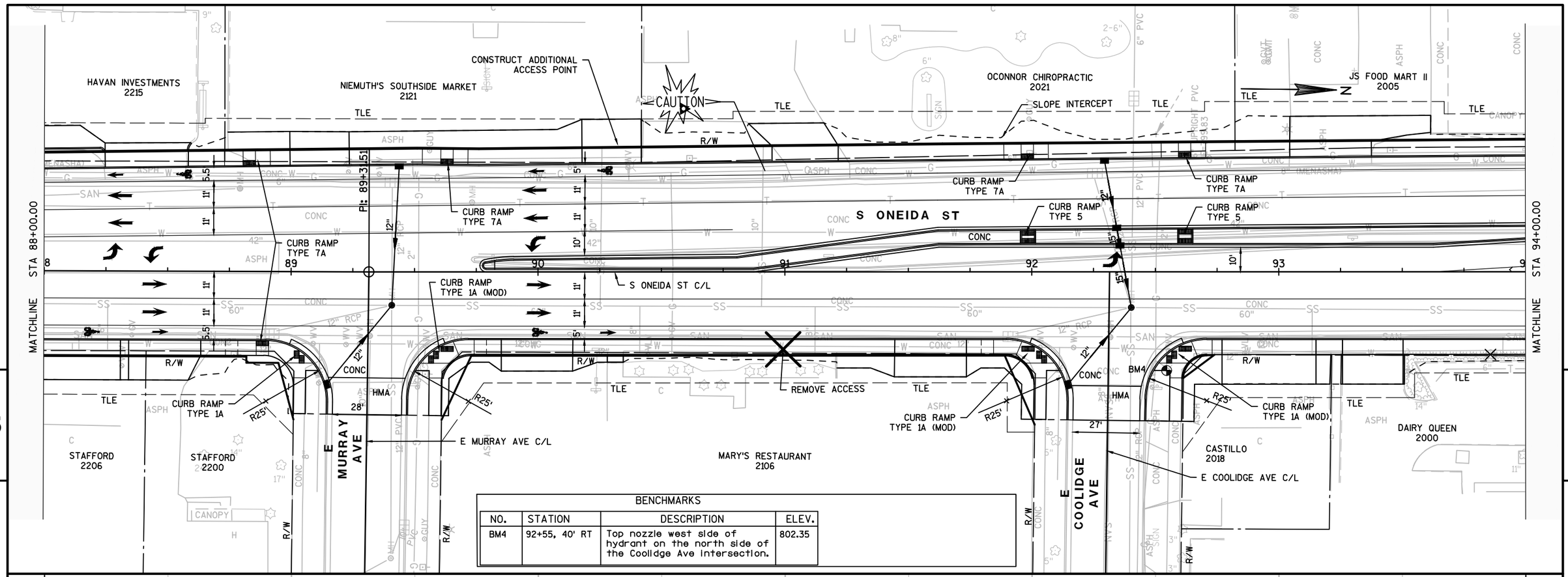
VERRIER
2214

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM5	83+08, 39' RT	Top nozzle north side of hydrant at the SE quadrant of the WIlson Ave intersection.	808.55

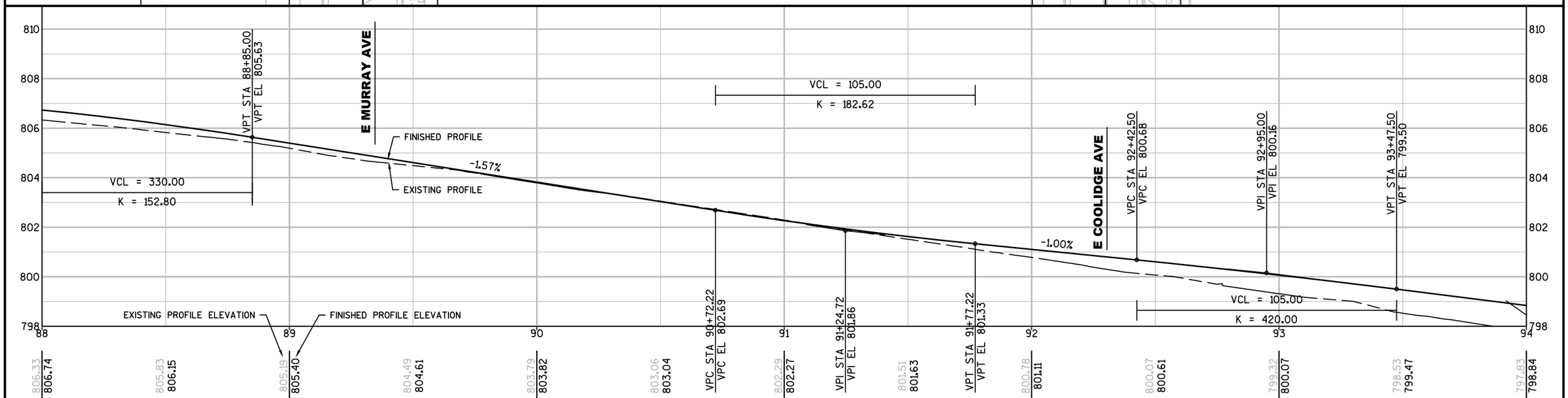


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 310	E

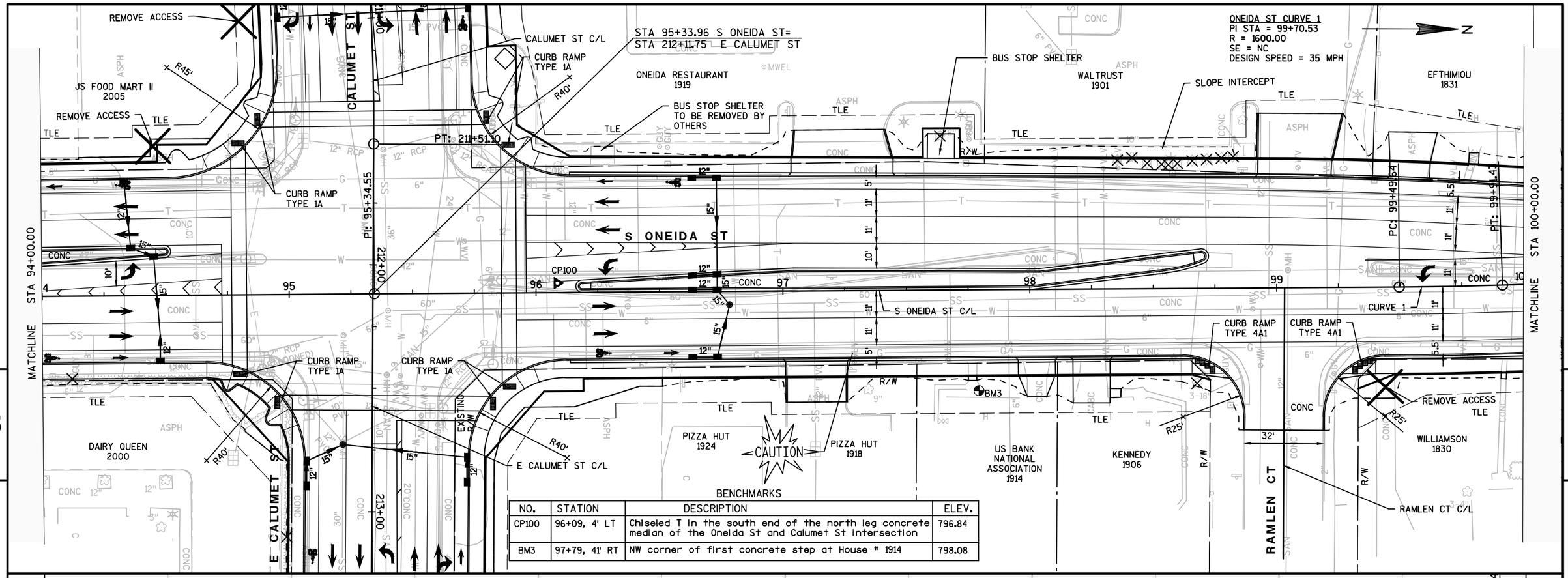


BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
BM4	92+55, 40' RT	Top nozzle west side of hydrant on the north side of the Coolidge Ave intersection.	802.35

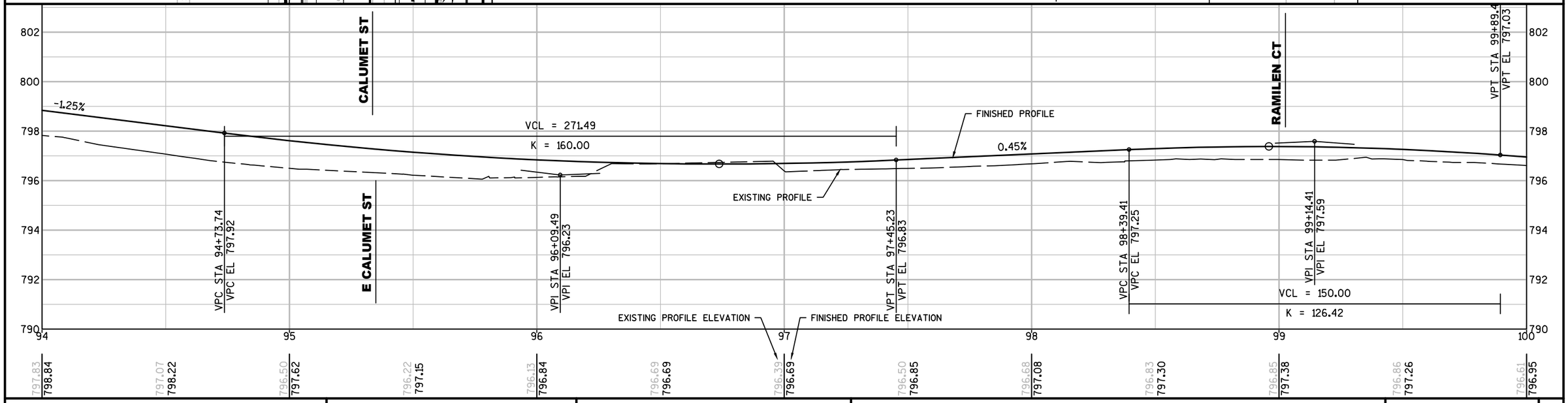


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 311 E



BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP100	96+09, 4' LT	Chiseled T in the south end of the north leg concrete median of the Oneida St and Calumet St intersection	796.84
BM3	97+79, 41' RT	NW corner of first concrete step at House # 1914	798.08



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 312	E

5

ONEIDA ST CURVE 2
PI STA = 101+23.71
R = 1600.00
SE = NC
DESIGN SPEED = 35 MPH

ONEIDA ST CURVE 3
PI STA = 103+81.30
R = 1600.00
SE = NC
DESIGN SPEED = 35 MPH

ONEIDA ST CURVE 4
PI STA = 105+53.12
R = 1600.00
SE = NC
DESIGN SPEED = 35 MPH

MATCHLINE STA 100+00.00

MATCHLINE STA 106+00.00

KIRCHNER 1825

JAMES 1815

GOTTFRIED 1805

W FOSTER ST

W FOSTER ST C/L

SUMNICHT 1725

JOHNSON 1713

MDC REAL ESTATE INVESTMENTS 1707

S ONEIDA ST

S ONEIDA ST C/L

WILLIAMSON 1830

MILHAUPT 1822

KROSTUE 1814

KELPINSKI 1808

MUELLER 1800

SCHROEDER 1728

ST. ELIZABETH HOSP 1506

SLOPE INTERCEPT

INSTALL CONCRETE BASE TYPE 2 FOR OVERHEAD SIGN SUPPORT (SIGN SUPPORTS TO BE INSTALLED BY OTHERS)

REMOVE TIMBER RETAINING WALL (PAY AS EXCAVATION COMMON)

CURB RAMP TYPE 1A

CURB RAMP TYPE 1A (MOD)

CURB RAMP TYPE 7A

CURB RAMP TYPE 7A

CURVE 2

CURVE 3

CURVE 4

CAUTION

PC: 101+12.82

PT: 101+44.60

PC: 103+49.39

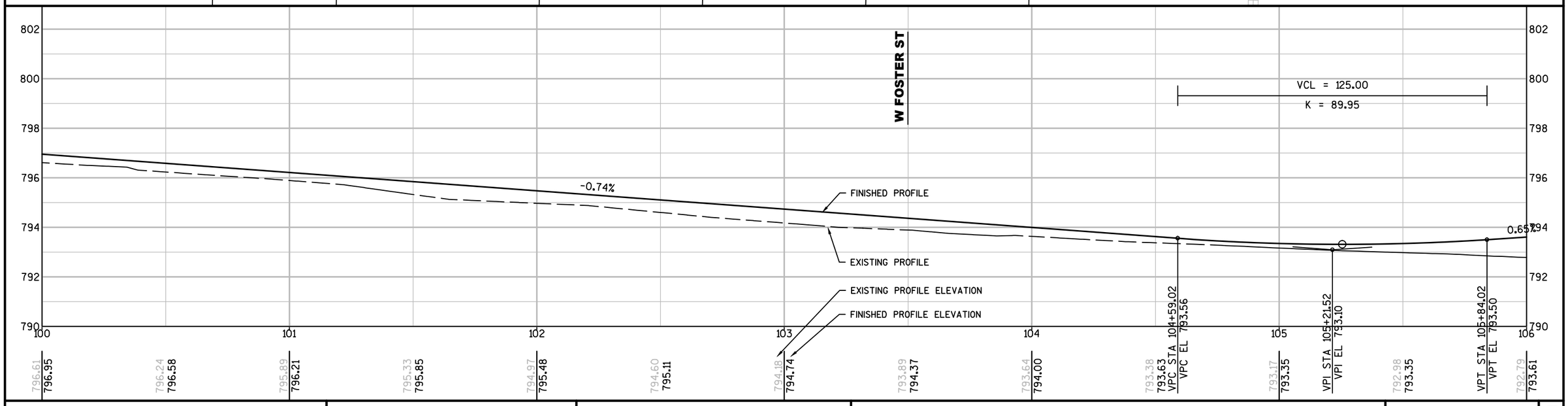
PT: 104+13.19

PC: 104+23.21

PT: 105+83.02

BM2

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
BM2	103+85, 27' RT	W/SW flange bolt of hydrant at House #1728	796.31

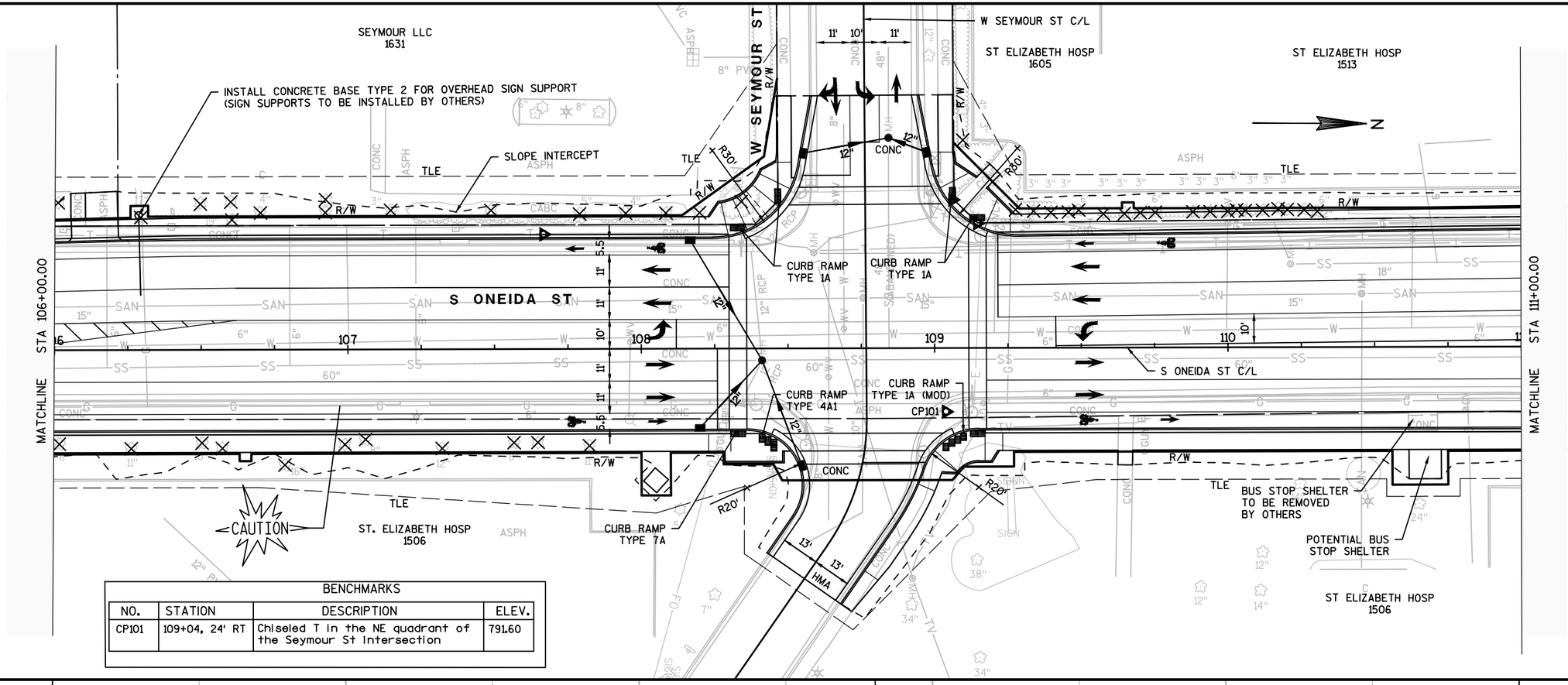


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 313 E

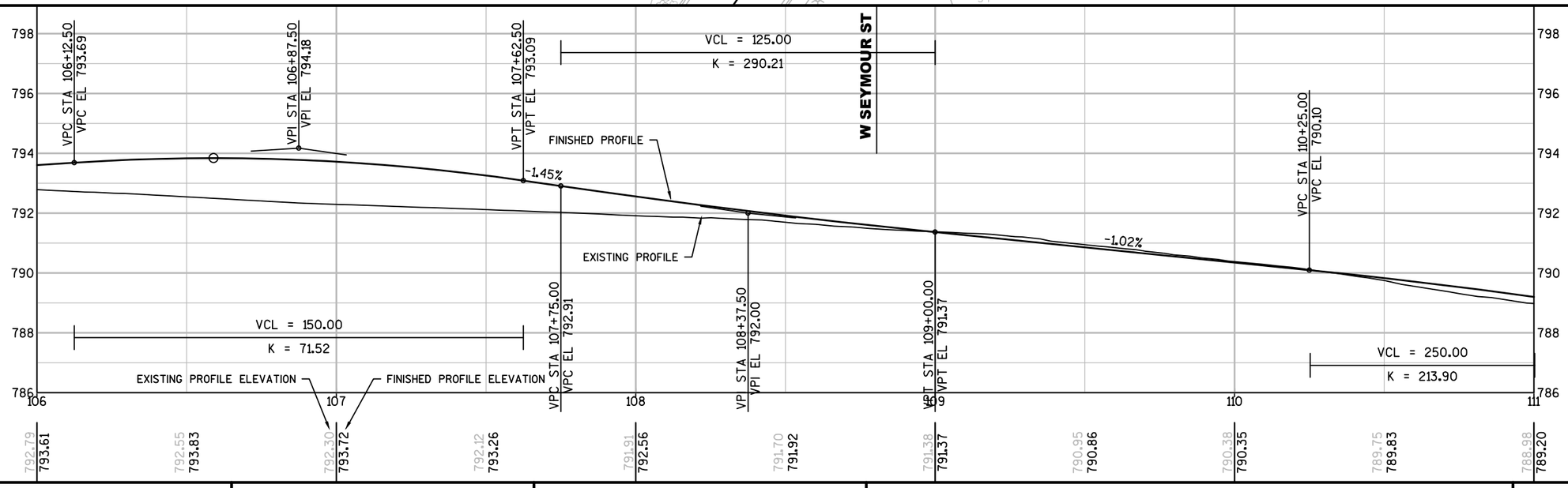
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050101-PP.DWG
LAYOUT NAME - 050101-PP - S - 06-PP

PLOT DATE : 6/30/2017 4:05 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

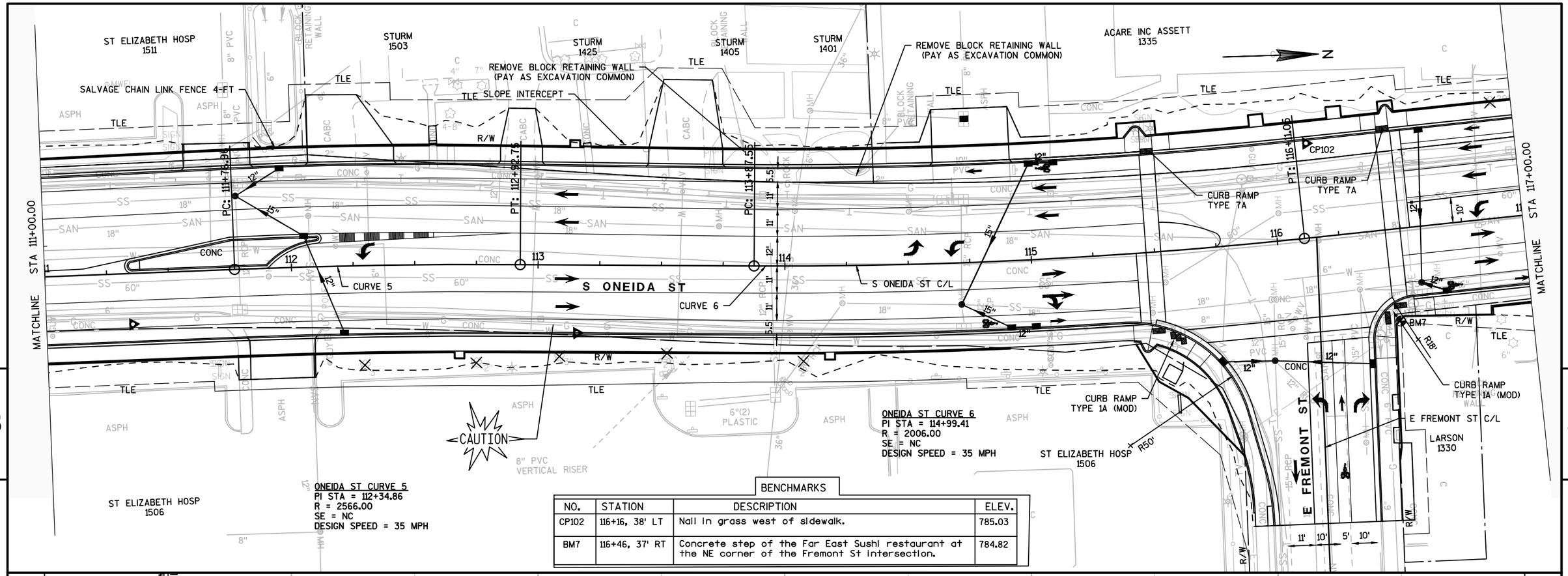
WISDOT/CADDS SHEET 44



BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP101	109+04, 24' RT	Chiseled T in the NE quadrant of the Seymour St Intersection	791.60



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 314	E

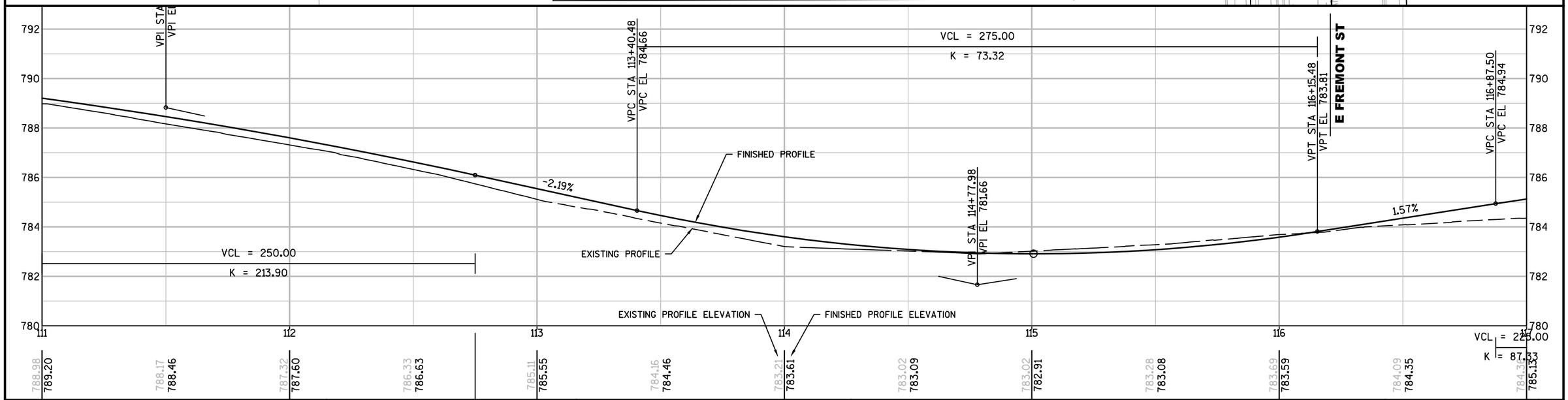


ONEIDA ST CURVE 5
PI STA = 112+34.86
R = 2566.00
SE = NC
DESIGN SPEED = 35 MPH

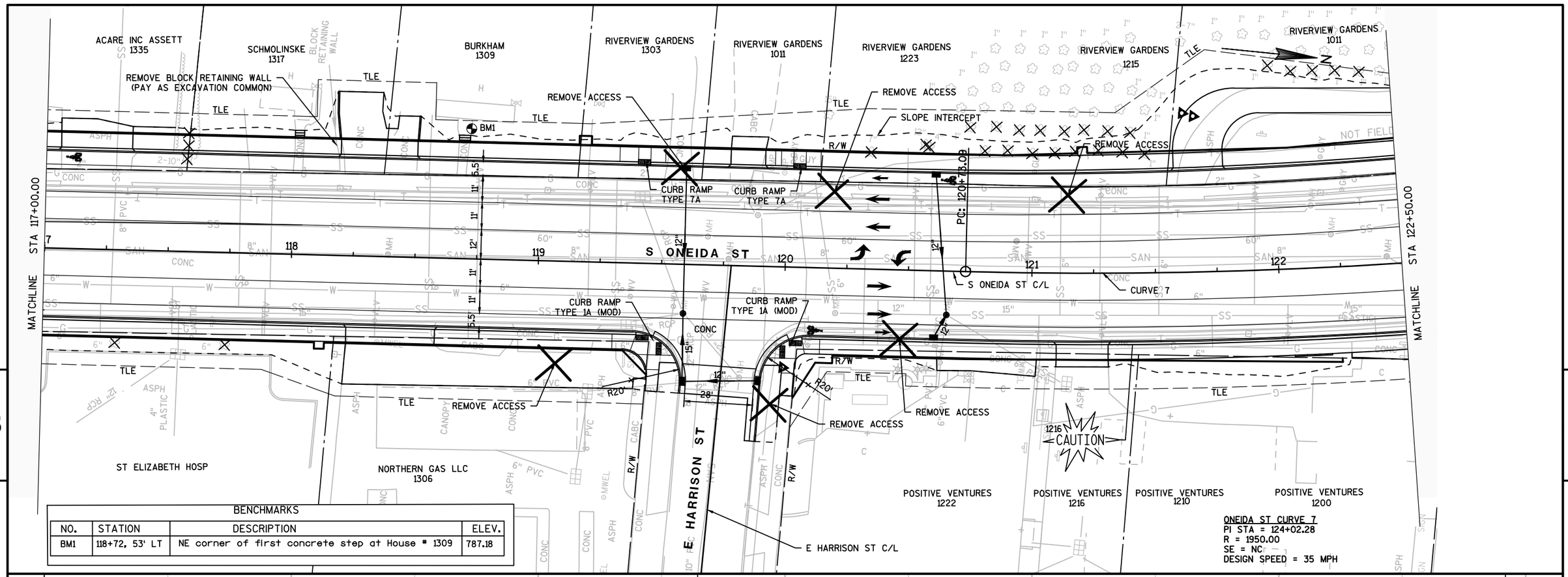
ONEIDA ST CURVE 6
PI STA = 114+99.41
R = 2006.00
SE = NC
DESIGN SPEED = 35 MPH

BENCHMARKS

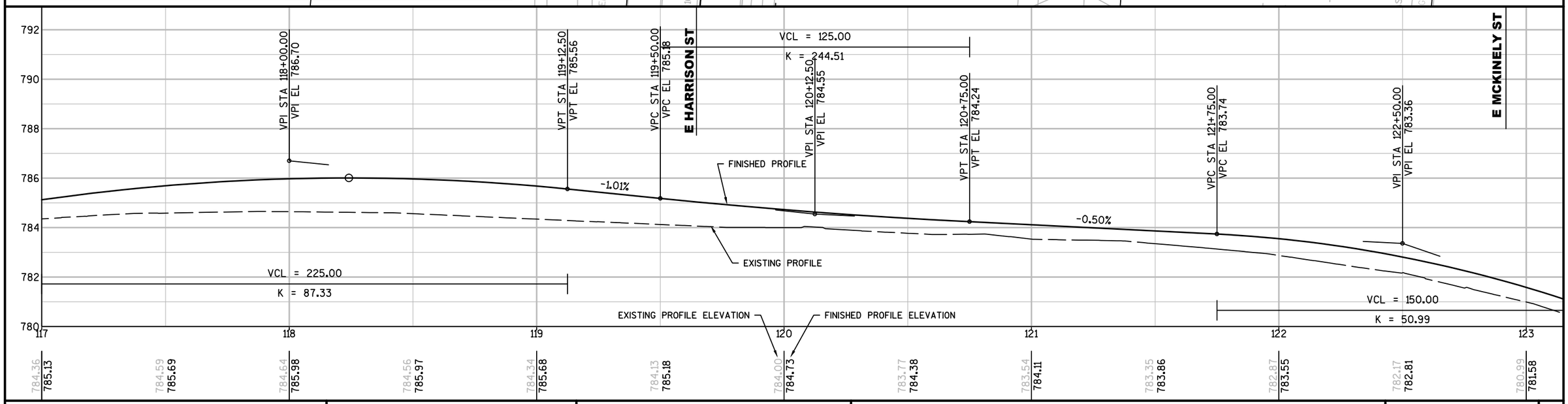
NO.	STATION	DESCRIPTION	ELEV.
CP102	116+16, 38' LT	Nail in grass west of sidewalk.	785.03
BM7	116+46, 37' RT	Concrete step of the Far East Sushi restaurant at the NE corner of the Fremont St intersection.	784.82



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 315	E



BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
BM1	118+72, 53' LT	NE corner of first concrete step at House # 1309	787.18



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 316 E

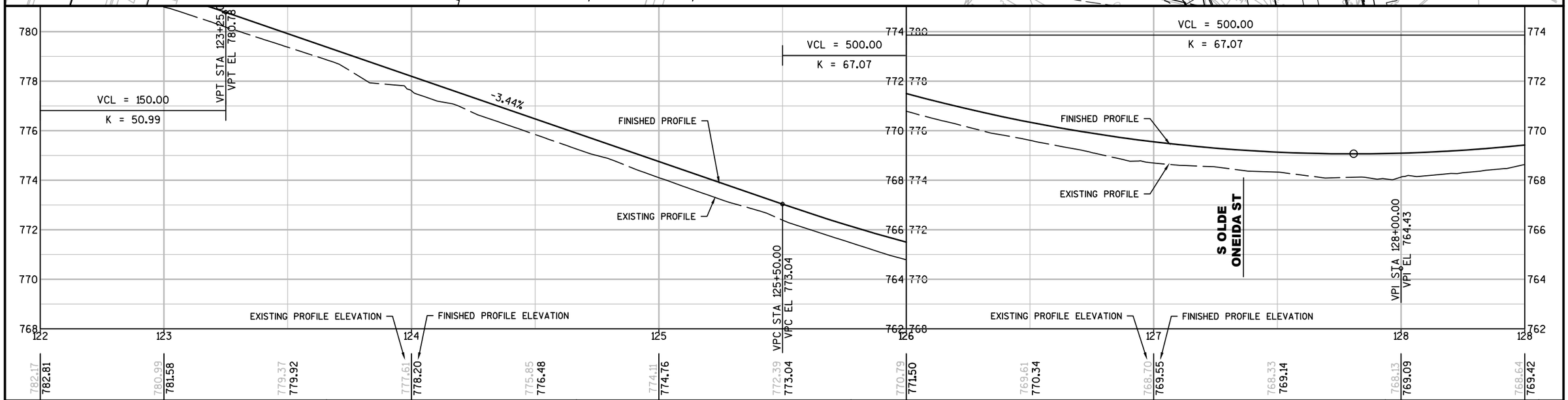
BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP137	123+41, 28' RT	MagNail In concrete sidewalk at the NE quadrant of McKinley St intersection	779.74
CP125	126+65, 116' RT	MagNail In concrete sidewalk on the east side of Orange St	765.16

RIVERVIEW GARDENS 1011
RIVERVIEW FAIRWAY CONDOS 1111-1161
RIVERVIEW CIRCLE CONDOS 1101
SOUL PURPOSE MINISTRY 1110
BEAUTIFUL DAY PROPERTIES 100
1010 SOUTH ONEIDA STREET LLC 1010
MCKINNON 1000

S ONEIDA ST
E MCKINLEY ST
E ORANGE ST
S OLDE ONEIDA ST

MATCHLINE STA 122+50.00
MATCHLINE STA 128+50.00
S ONEIDA ST C/L
E MCKINLEY ST C/L
S OLDE ONEIDA ST C/L
SLOPE INTERCEPT
REMOVE SIDEWALK CONNECTION TO SLOPE INTERCET
CAUTION
CP137
CP125
CURB RAMP TYPE 7A
CURB RAMP TYPE 4A1
CURB RAMP TYPE 1A (MOD)
PT: 127+25.32
BP: 300+00.00
PC: 300+94.98
STA 127+36.63 S ONEIDA ST =
STA 300+00.00 S OLDE ONEIDA ST



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 317 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050101-PP.DWG
LAYOUT NAME - 050101-PP - S - 10-PP
PLOT DATE : 6/30/2017 4:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

RIVERVIEW CIRCLE CONDOS
1101

RIVERVIEW GARDENS
1101

SLOPE INTERCEPT

CONCRETE PAVEMENT
APPROACH SLAB

EXISTING SIDEWALK
COVER PLATES
TO REMAIN

TLE

R/W

NOT FIELD VERIFIED

S ONEIDA ST

S ONEIDA ST C/L

CONC

SS

MATCHLINE STA 128+50.00

PC: 131+28.50

CURVE 8

MATCH B-44-75

EXISTING R/W

ASPH

MCKINNON
1000

END PROJECT
STA. 131+66.71

ONEIDA ST CURVE 8
PI STA = 133+56.91
R = 2283.58
SE = NC
DESIGN SPEED = 35 MPH

VCL = 500.00
K = 67.07

4.01%

FINISHED PROFILE

EXISTING PROFILE

VPT STA 130+50.00
VPT EL 774.47

STA 131+66.72
EL 779.15

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S ONEIDA ST	SHEET 318 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050101-PP.DWG
LAYOUT NAME - 050101-PP - S - 11-PP

PLOT DATE : 6/30/2017 4:06 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

FAST WASH INC
210

DOMINOS
206

WHITMAN
82

JOCHIMSEN
76

ONEIDA RESTAURANT
1919

SEAL PIPE
(SOUTH END ONLY)

SLOPE INTERCEPT

REMOVE ACCESS

CAUTION

R/W

TLE

PT: 205+11.92

PC: 206+48.61

CALUMET ST

CALUMET ST CURVE 1

CALUMET ST C/L

204+00

205+00

206+00

207+00

208+00

209+00

MATCHLINE STA 210+00.00

OLSEN ORTHODONTICS
145

PENNINGS
205-235

WAB HOLDINGS
153-161

LOPEZ INVESTMENTS
141

RELOCATE DRIVEWAY

BLOCK RETAINING WALL

8" (MINIMA SHA) CONC

6" CPP

36" RCP

30" CPP

12" RCP

15"

24"

21"

18"

CONC

ASPH

SS

SAN

W

G

CV

MH

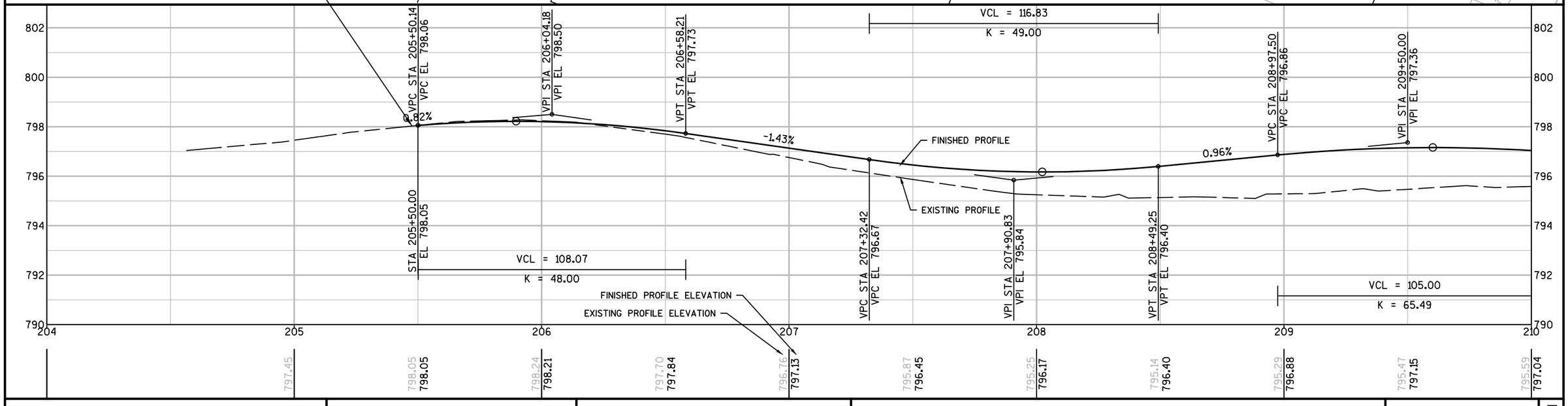
SIGN

GUY

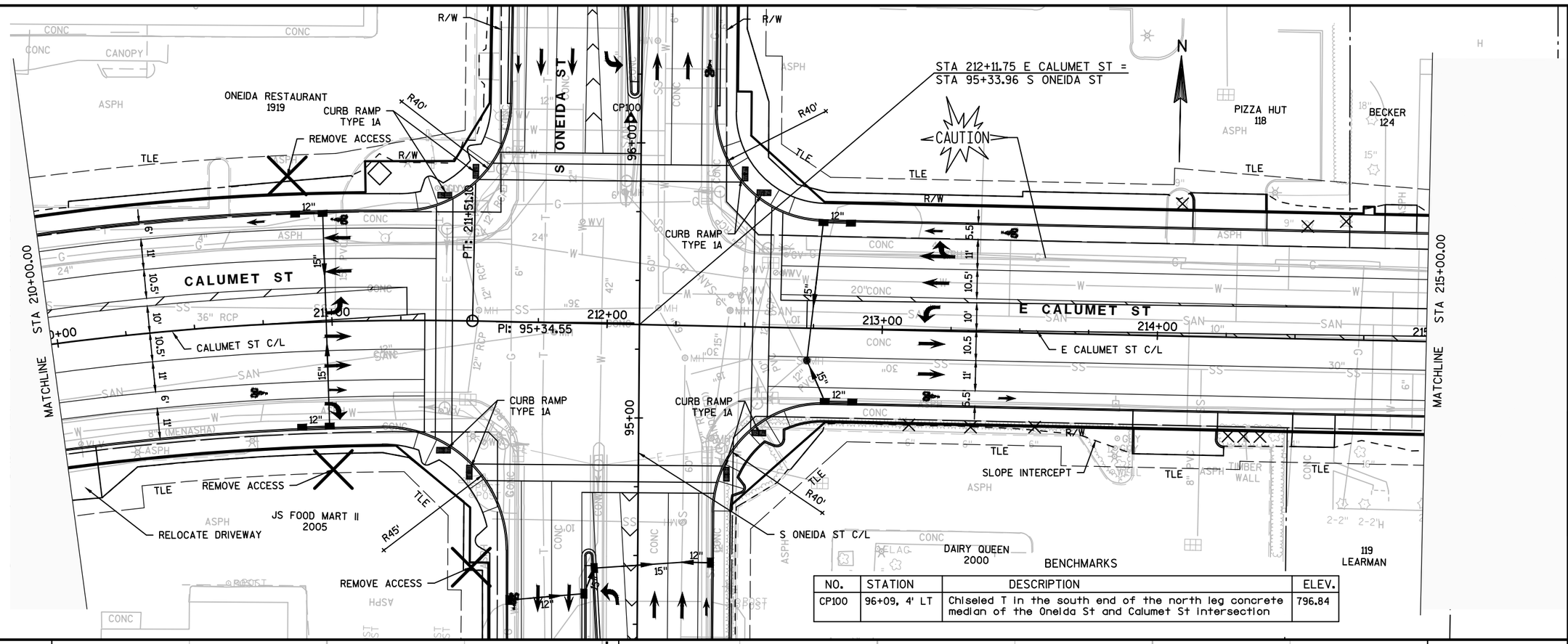
5

CALUMET ST CURVE 1
PI STA = 209+05.74
SE = NC
DESIGN SPEED = 35 MPH

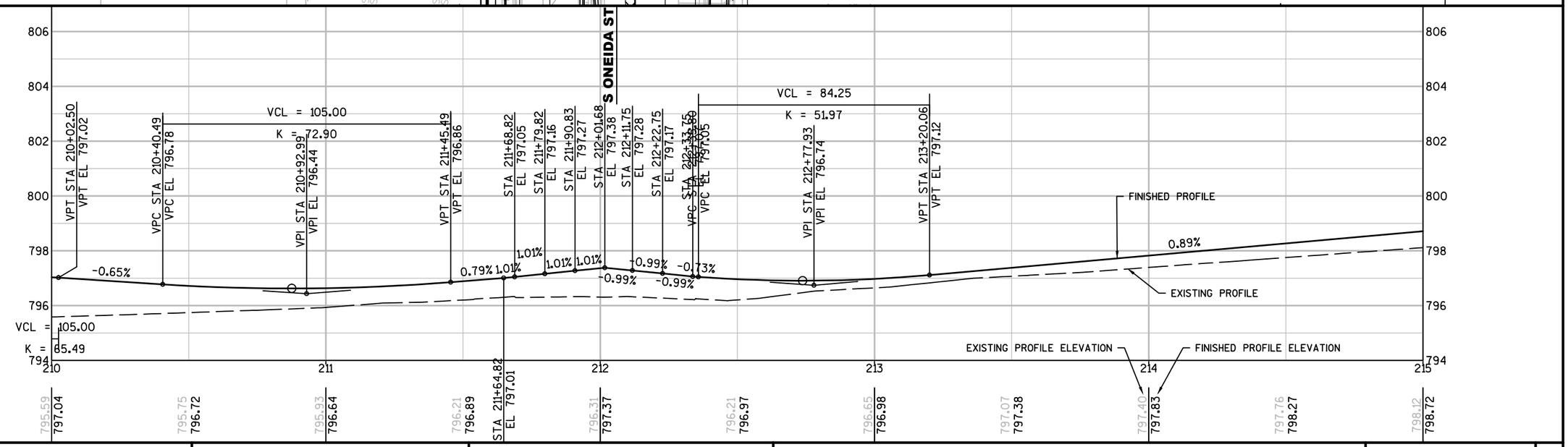
BEGIN CONSTRUCTION
STA. 205+47.43



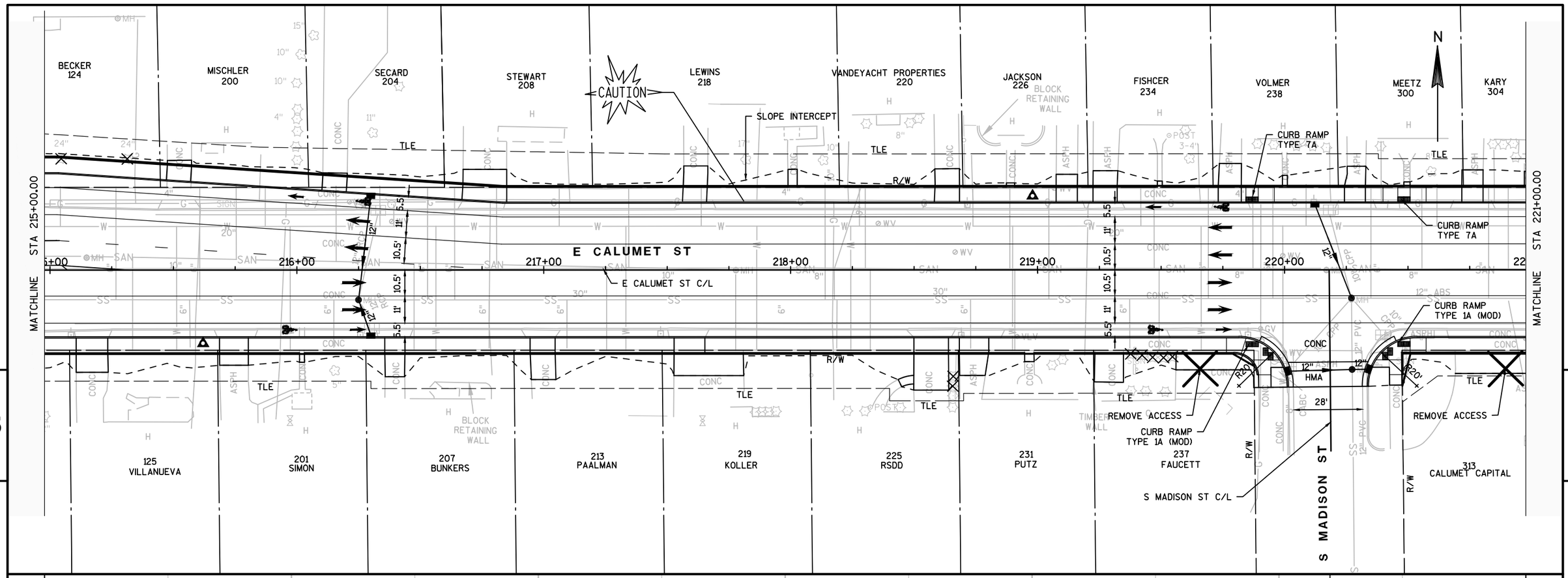
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CALUMET ST	SHEET 319	E

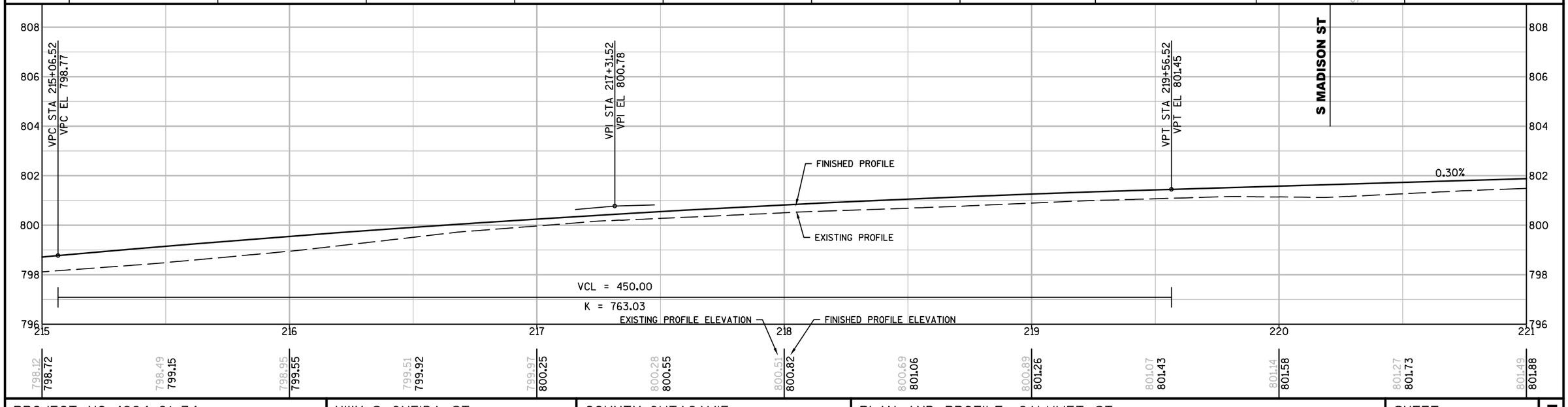


NO.	STATION	DESCRIPTION	ELEV.
CP100	96+09, 4' LT	Chiseled T in the south end of the north leg concrete median of the Oneida St and Calumet St intersection	796.84



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CALUMET ST	SHEET 320	E



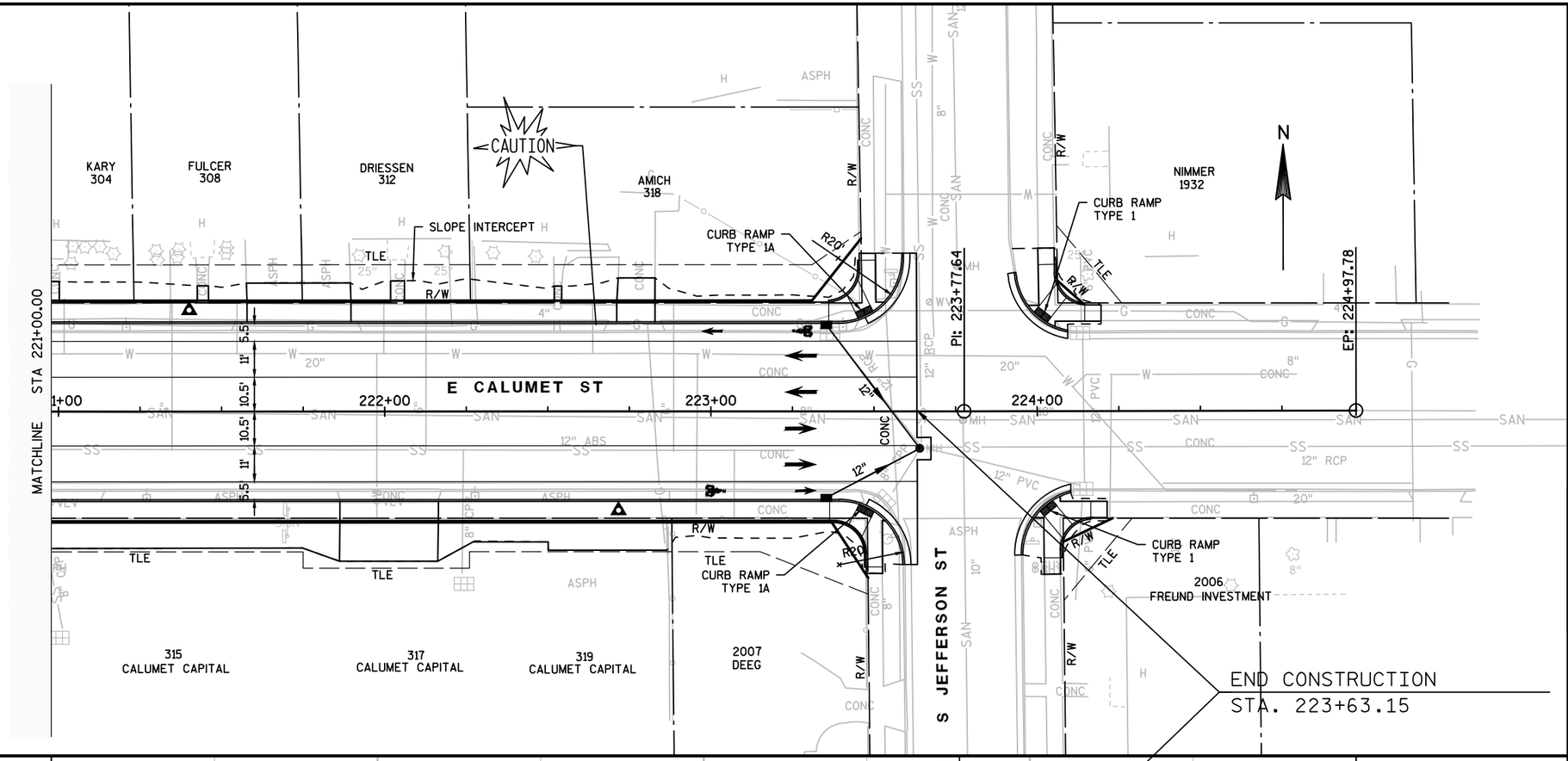


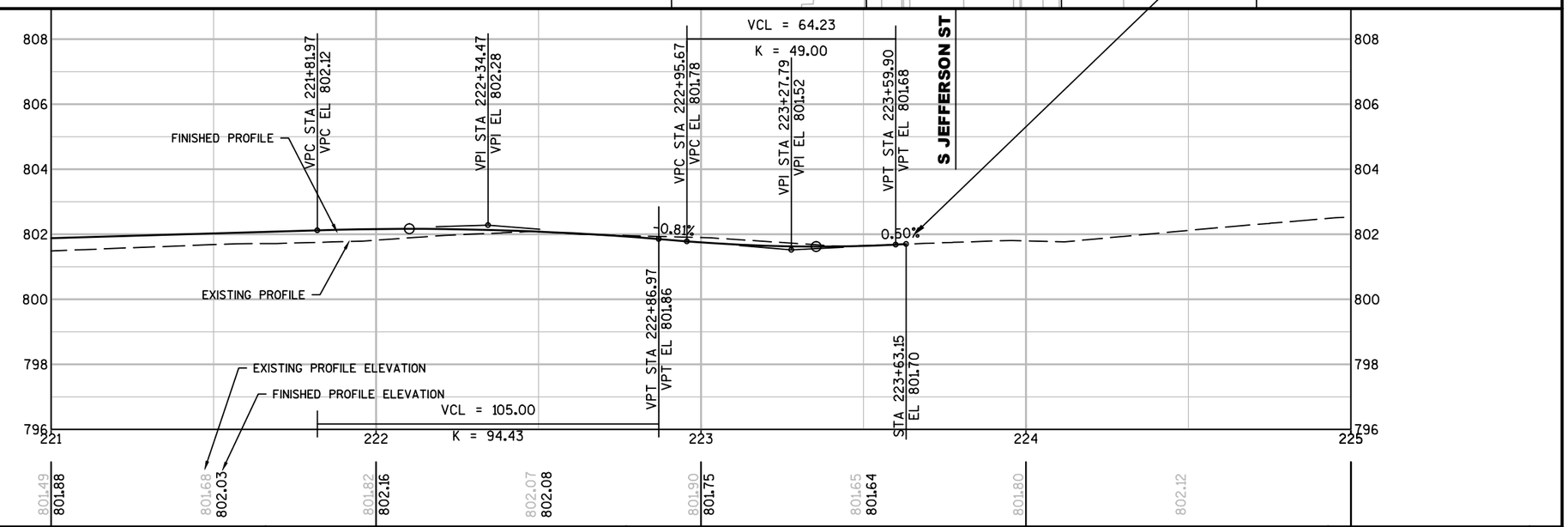
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CALUMET ST	SHEET 321 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050102-PP.DWG
LAYOUT NAME - S - (03)-PP

PLOT DATE : 6/30/2017 4:08 PM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CALUMET ST	SHEET 322 E

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP125	126+65, 116' RT	MagNail in concrete sidewalk on the east side of Orange St.	765.16

STA 300+00.00 S OLDE ONEIDA ST =
STA 127+36.63 S ONEIDA ST

STA 301+13.33 S OLDE ONEIDA ST =
STA 290+00.00 E ORANGE ST

BP: 300+00.00
PT: 127+25.32
EP: 290+00.00
PC: 300+94.98
PT: 288+60.00
PC: 288+28.18
OLDE ONEIDA CURVE 1
NOT FIELD VERIFIED

CURB RAMP TYPE 1A (MOD)
CURB RAMP TYPE 4A1
CURB RAMP TYPE 7A
CURB RAMP TYPE 7B
CURB RAMP TYPE 2 (MOD) WITH SIDEWALK CLOSURE

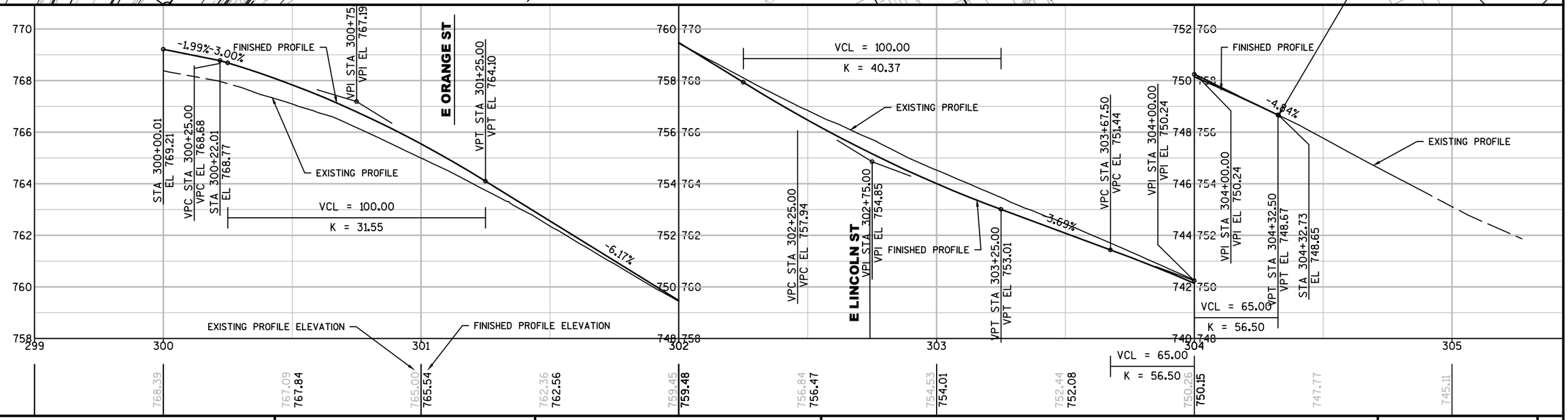
MCKINNON 1000
SLOPE INTERCEPT 1010 SOUTH ONEIDA STREET LLC 1010
BEAUTIFUL DAY PROPERTIES 100
LULU ENTERPRISES 1024
STATE OF WISCONSIN
MOSES 1004
RUDOLPH 111

S ONEIDA ST
E ORANGE ST
S OLDE ONEIDA ST
E SOUTH RIVER ST
E LINCOLN ST
S ONEIDA ST C/L
S OLDE ONEIDA ST C/L
E LINCOLN ST R/L

OLDE ONEIDA CURVE 1
PI STA = 303+11.85
R = 365.00
SE = NC
DESIGN SPEED = 30 MPH

CAUTION

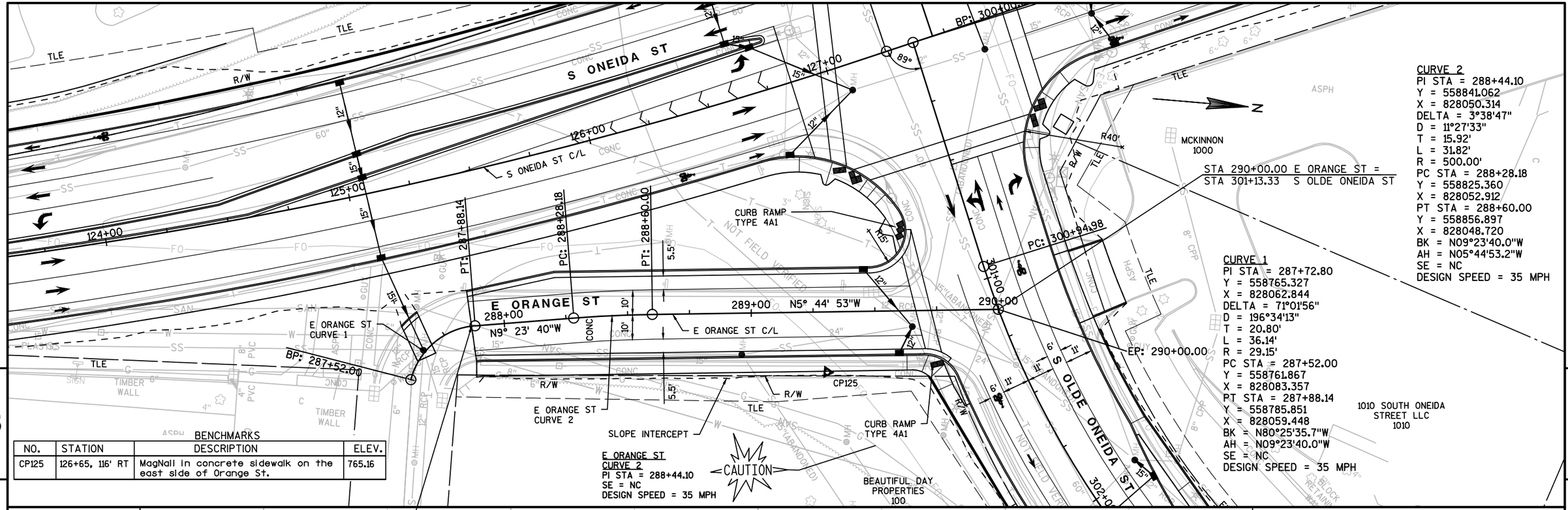
END CONSTRUCTION
STA. 304+32.73



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: S OLDE ONEIDA ST	SHEET 323	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\PLANPROF\050103-PP.DWG
LAYOUT NAME - 050103-PP - S - 01-PP
PLOT DATE : 6/30/2017 4:09 PM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



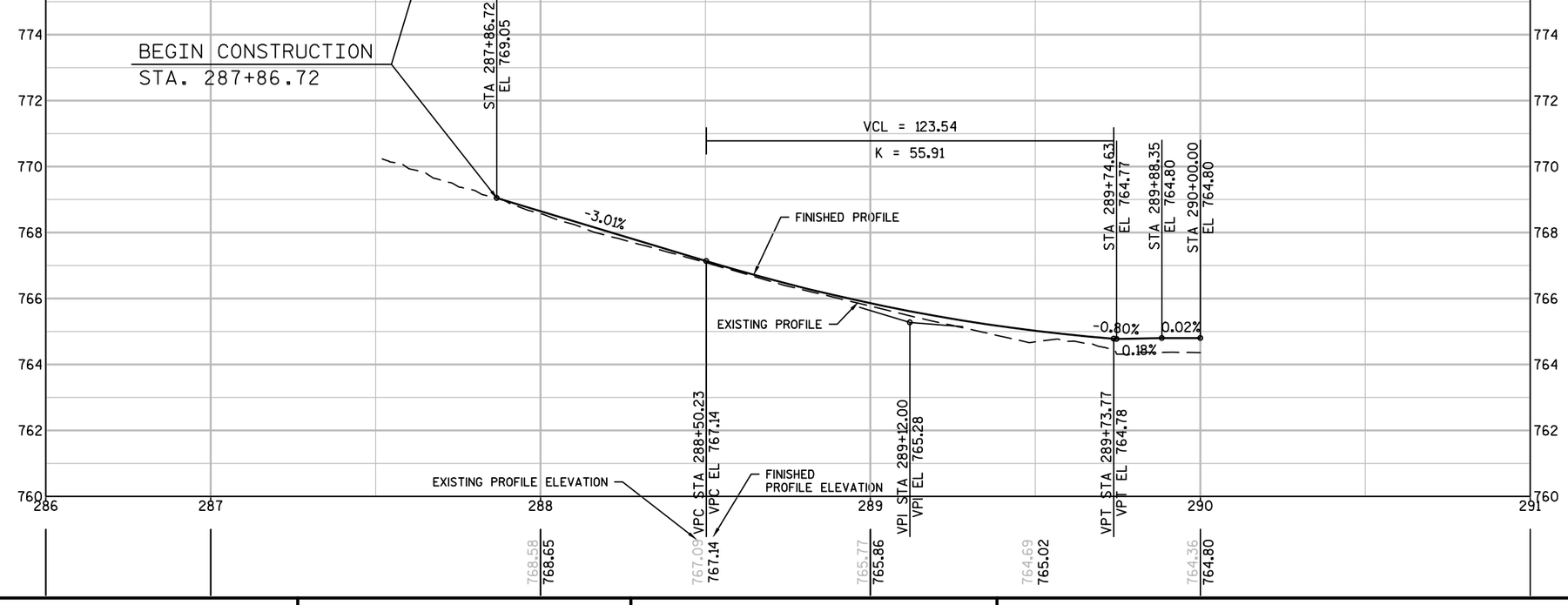
CURVE 2
PI STA = 288+44.10
Y = 558841.062
X = 828050.314
DELTA = 3°38'47"
D = 11°27'33"
T = 15.92'
L = 31.82'
R = 500.00'
PC STA = 288+28.18
Y = 558825.360
X = 828052.912
PT STA = 288+60.00
Y = 558856.897
X = 828048.720
BK = N09°23'40.0"W
AH = N05°44'53.2"W
SE = NC
DESIGN SPEED = 35 MPH

CURVE 1
PI STA = 287+72.80
Y = 558765.327
X = 828062.844
DELTA = 71°01'56"
D = 196°34'13"
T = 20.80'
L = 36.14'
R = 29.15'
PC STA = 287+52.00
Y = 558761.867
X = 828083.357
PT STA = 287+88.14
Y = 558785.851
X = 828059.448
BK = N80°25'35.7"W
AH = N09°23'40.0"W
SE = NC
DESIGN SPEED = 35 MPH

E ORANGE ST CURVE 2
PI STA = 288+44.10
SE = NC
DESIGN SPEED = 35 MPH

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEV.
CP125	126+65, 116' RT	MagNail in concrete sidewalk on the east side of Orange St.	765.16



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	PLAN AND PROFILE: E ORANGE ST	SHEET 324 E

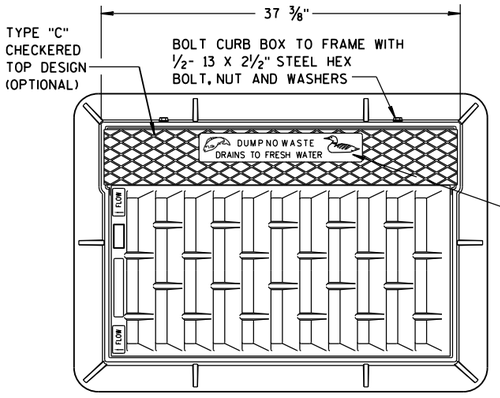
Standard Detail Drawing List

08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-02	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-19	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-18A	CURB RAMPS TYPES 1 AND 1-A
08D05-18B	CURB RAMPS TYPES 2 AND 3
08D05-18C	CURB RAMPS TYPES 4A AND 4A1
08D05-18D	CURB RAMPS TYPE 4B AND 4B1
08D05-18E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B04-11	PULL BOX
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C08-05	CONCRETE BASE, TYPE 7
09C10-03	TRANSFORMER BASE FOR 15" BOLT CIRCLE
09C11-09	CONCRETE BASE TYPE 10
09C12-08A	CONCRETE BASE TYPE 13
09C12-08B	CONCRETE BASE TYPE 13
09E01-14D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-14F	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 17 (40 FEET)
09E01-14G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E08-08A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-08B	TYPE 10 POLE 15'-30' MONOTUBE ARM
09E08-08C	TYPE 12 POLE 35'-55' MONOTUBE ARM
09E08-08D	TYPE 13 POLE 35'-55' MONOTBE ARM
09E08-08E	GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS
09G01-04B	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
11B01-05	CONCRETE CORRUGATED MEDIAN
11B02-02	CONCRETE MEDIAN NOSE
13B02-08A	CONCRETE PAVEMENT APPROACH SLAB
13C01-18	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C09-14A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-14B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-14C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C13-08	URBAN DOWELED CONCRETE PAVEMENT
13C18-05A	CONCRETE PAVEMENT JOINTING
13C18-05B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-05C	CONCRETE PAVEMENT JOINT TYPES
13C18-05D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
15B03-15A	FENCE CHAIN LINK
15B03-15B	FENCE CHAIN LINK
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C07-13E	PAVEMENT MARKING FOR BIKE LANES
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C11-06	FLEXIBLE TUBULAR MARKER POST
15C12-05	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

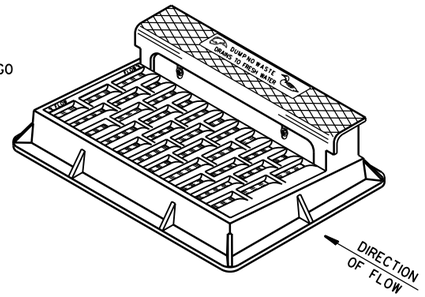
6

Standard Detail Drawing List

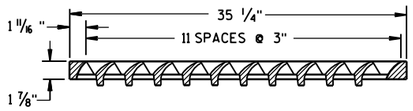
15C18-03	MEDIAN ISLAND MARKING
15C29-05A	BICYCLE LANE MARKING
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D06-03	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-04	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D29-04	TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-01A	TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS
15D38-01B	ATTACHMENT OF SIGNS TO POSTS
16A01-06	LANDMARK REFERENCE MONUMENTS AND COVERS

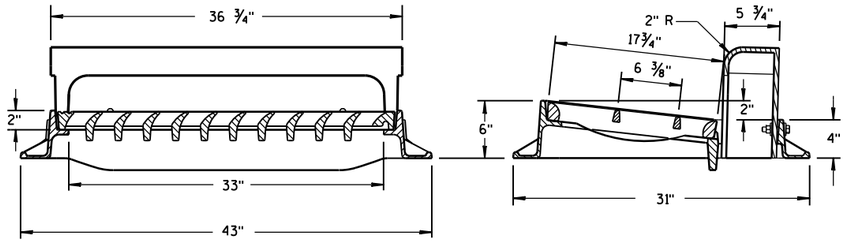


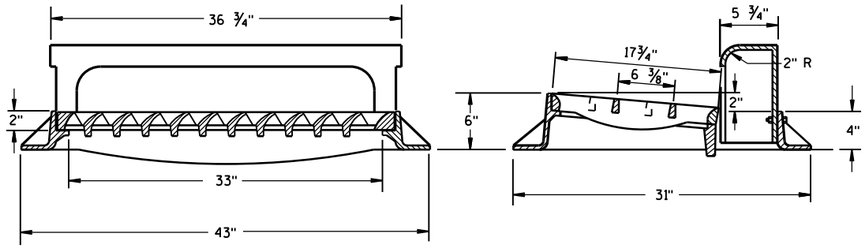
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

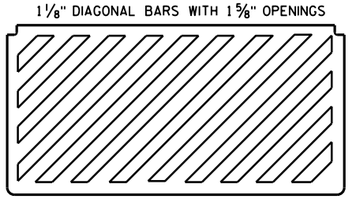






TYPE "H"

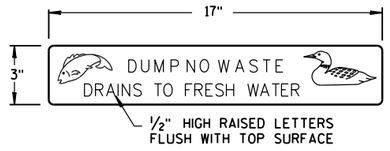
NOTE: EITHER CASTING IS ACCEPTABLE



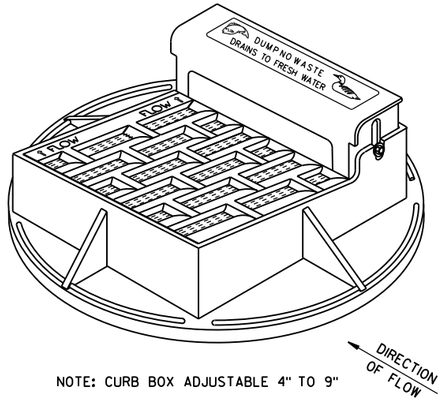
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

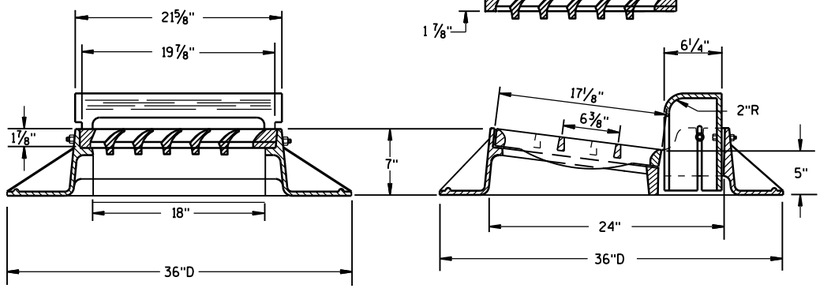


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



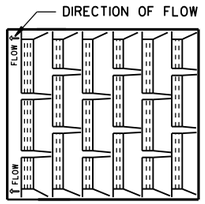
TYPE "A"

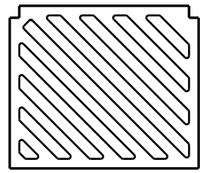
GENERAL NOTES

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.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

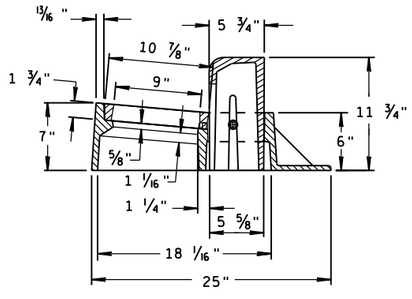


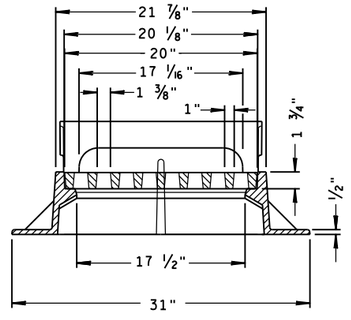


SPECIAL GRATE FOR TYPE "A" COVER

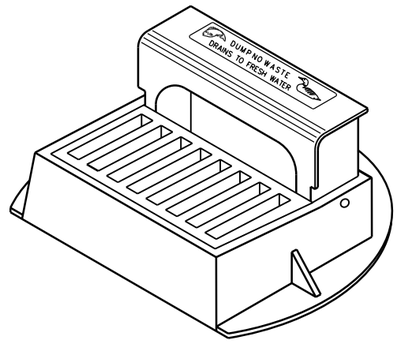
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



INLET COVERS TYPE A, H, A-S, H-S & Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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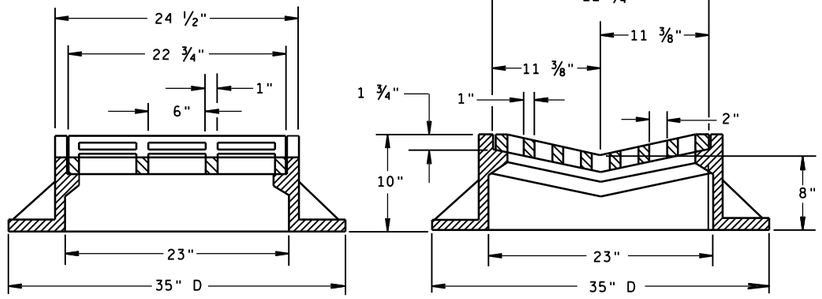
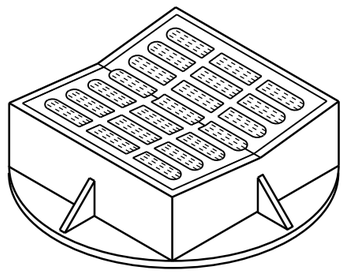
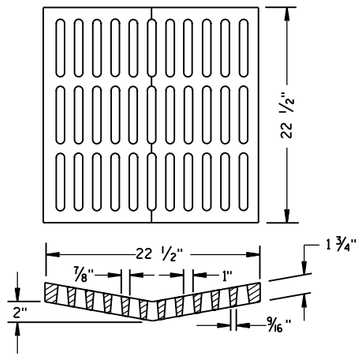
S.D.D. 8 A 5-19a



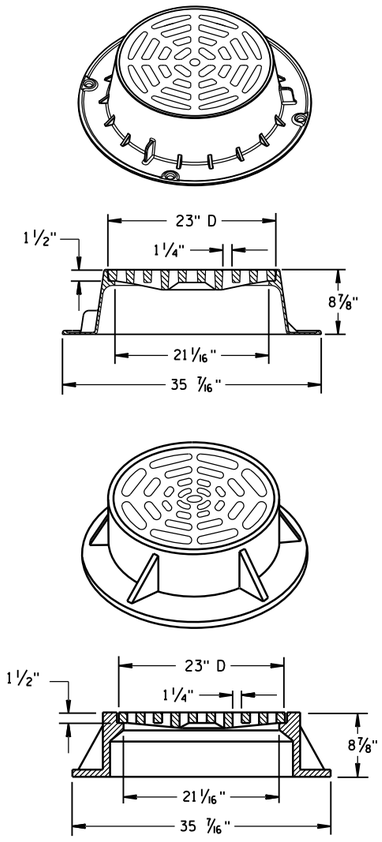


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

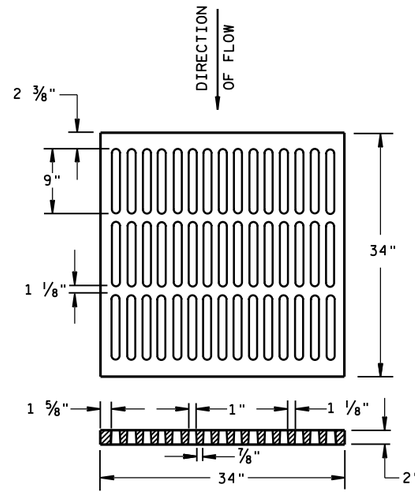
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

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.

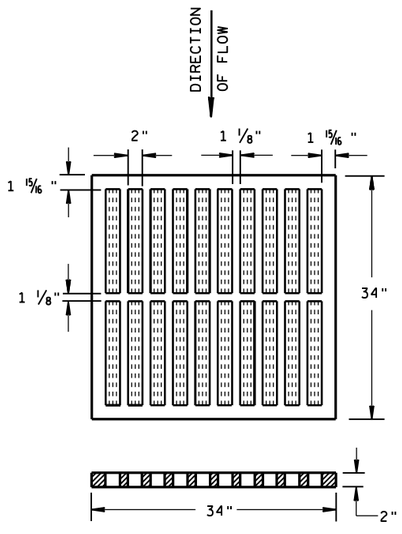
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



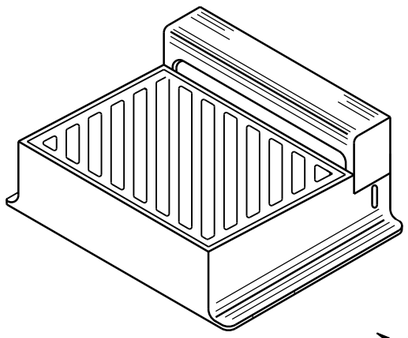
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

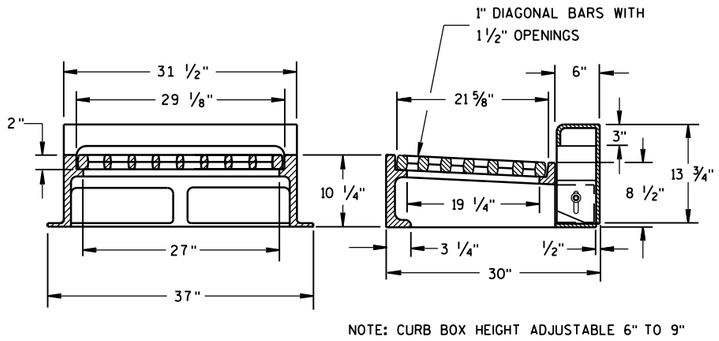


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

INLET COVERS
TYPE B, B-A, C,
MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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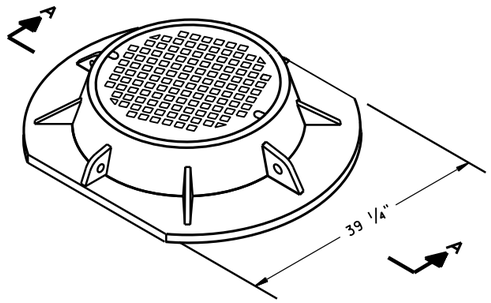
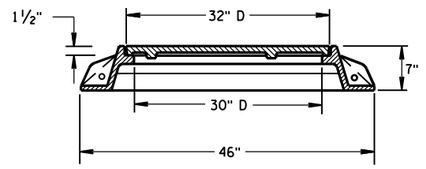
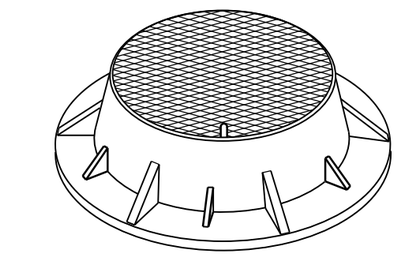
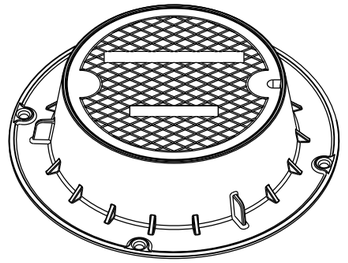
S.D.D. 8 A 5-19b

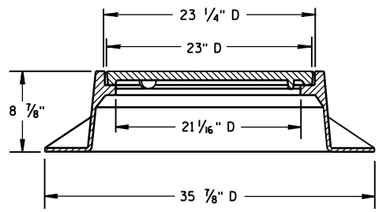


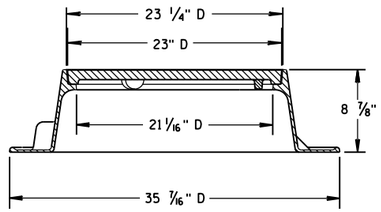


SECTION A-A
TYPE "K"









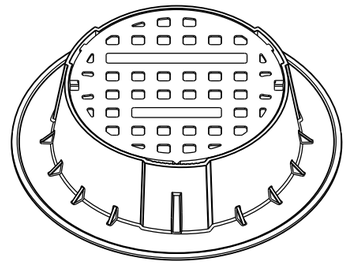
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

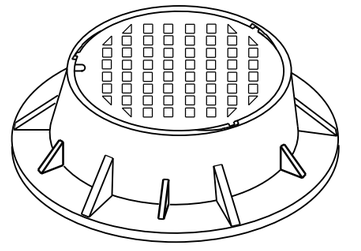
GENERAL NOTES

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.

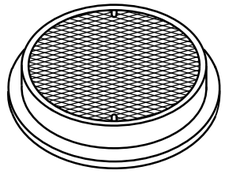
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

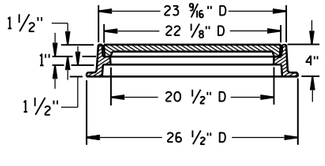
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



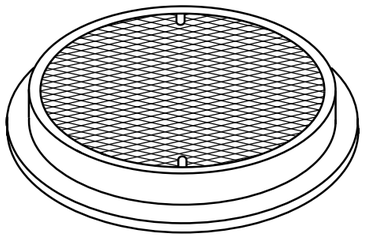


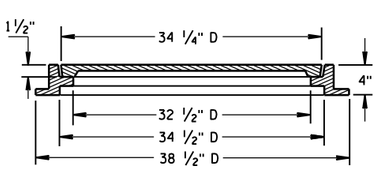
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



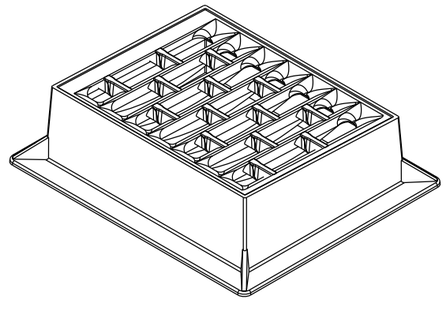


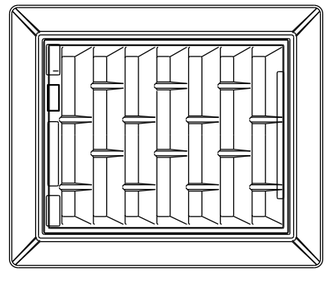
TYPE "L"

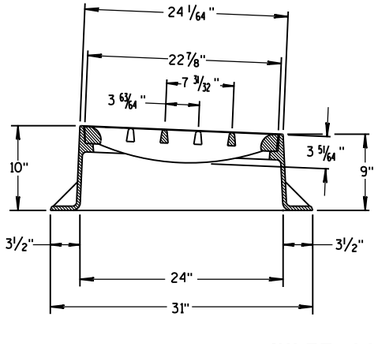


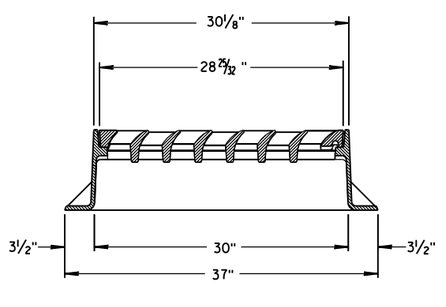


TYPE "M"









INLET COVER TYPE "BW"

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
FHWA

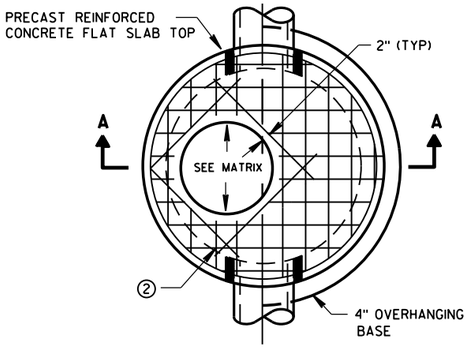
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

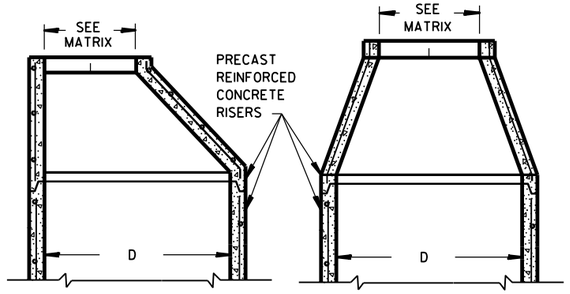
S.D.D. 8 A 5-19d

6

S.D.D. 8 A 5-19d

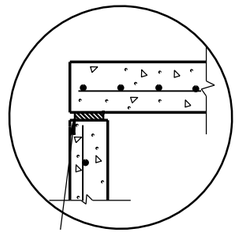


PLAN VIEW CIRCULAR OPENING

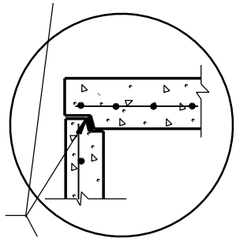


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

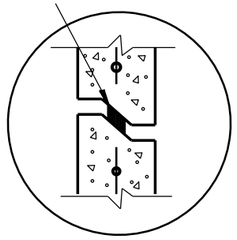


TOP WITH PLAIN END JOINT



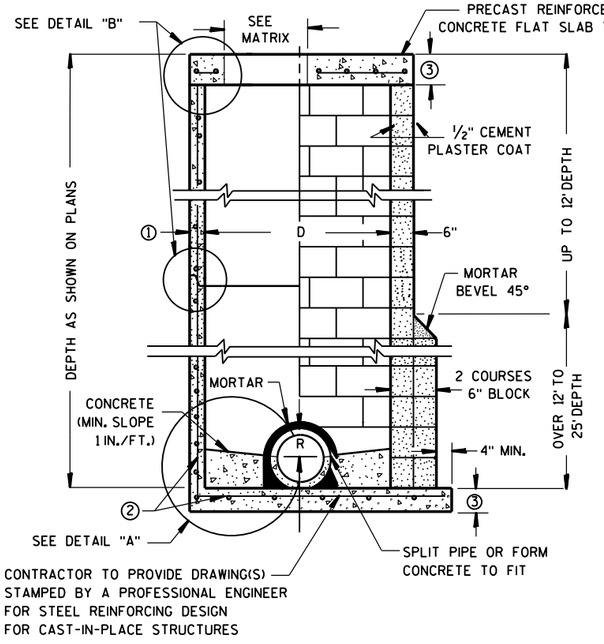
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



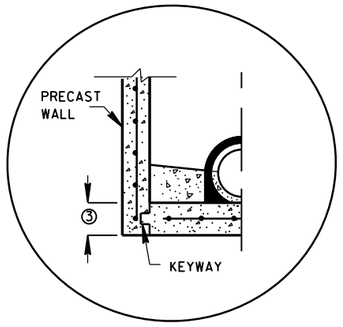
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

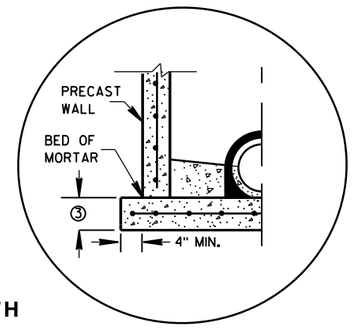


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

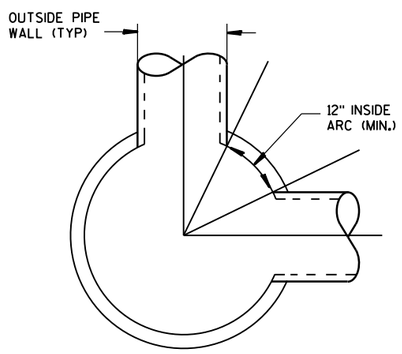


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"

GENERAL NOTES

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

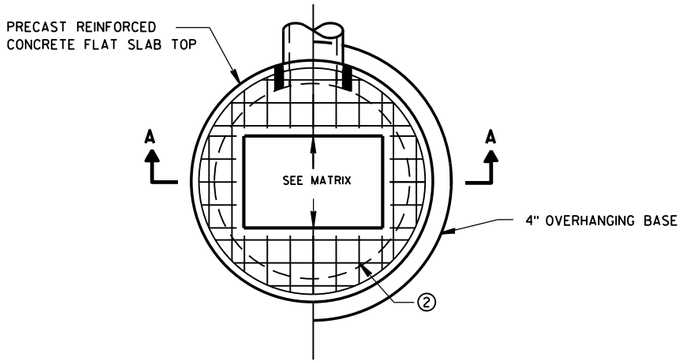
APPROVED

Sept., 2016
DATE

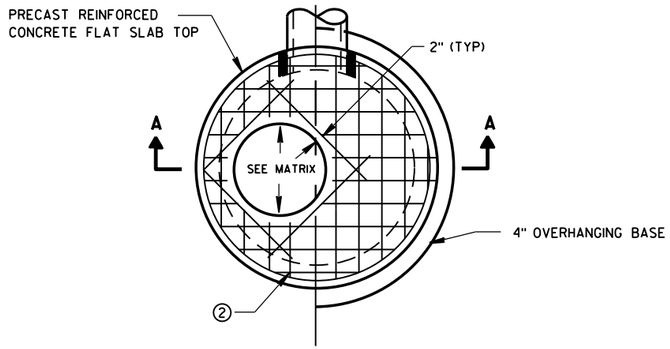
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERV 330

FHWA

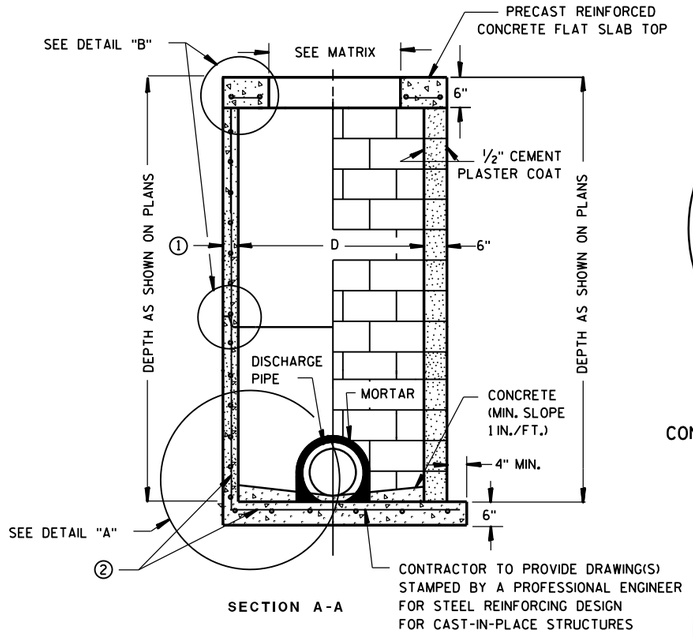
6
S.D.D. 8 B 9-2



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

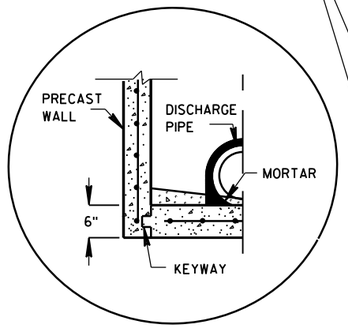


SECTION A-A

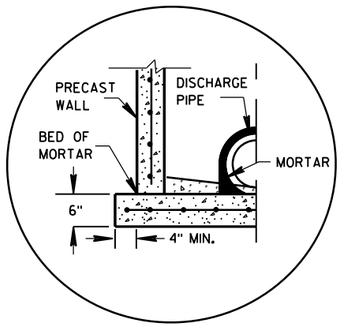
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

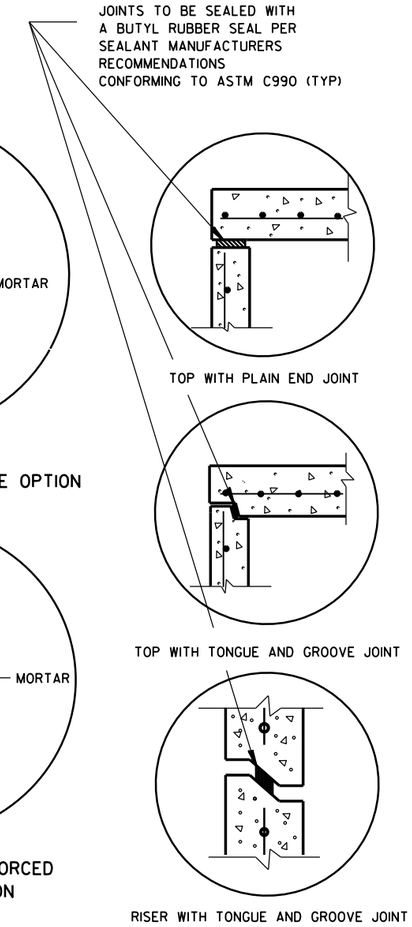


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



TOP WITH PLAIN END JOINT

TOP WITH TONGUE AND GROOVE JOINT

RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

GENERAL NOTES

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

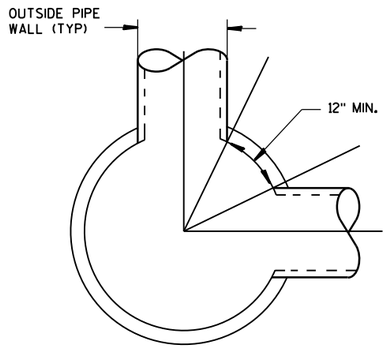
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

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INLETS 3-FT AND 4-FT DIAMETER

6

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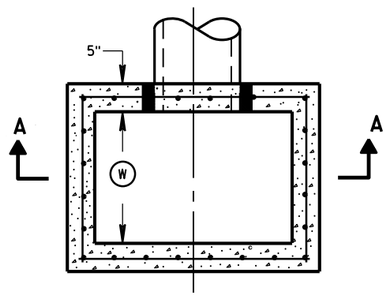
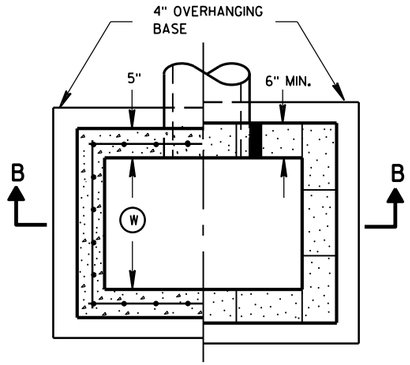
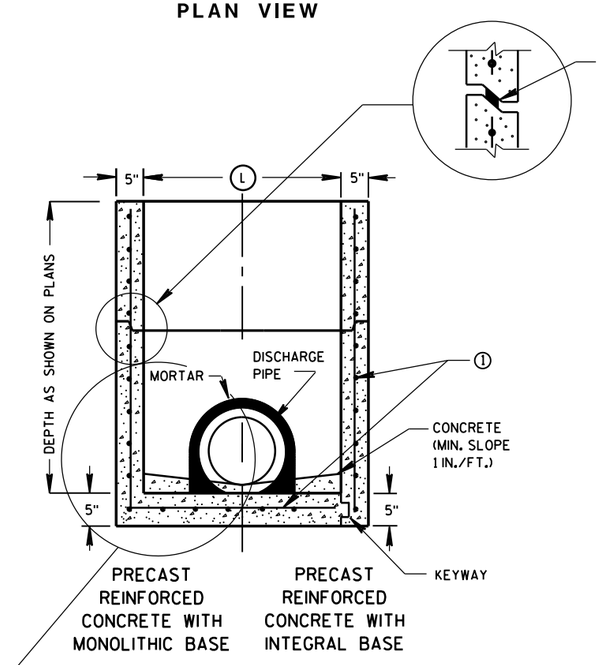


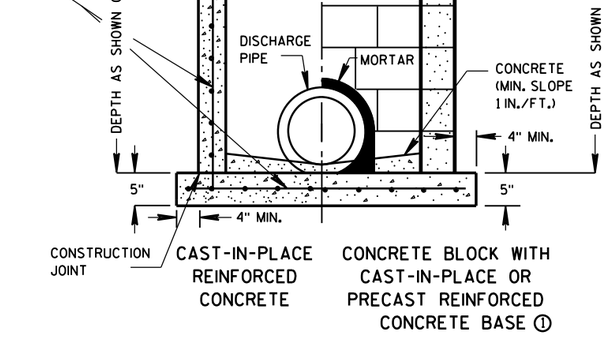
PLAN VIEW



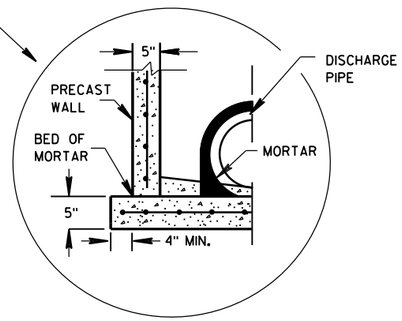
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

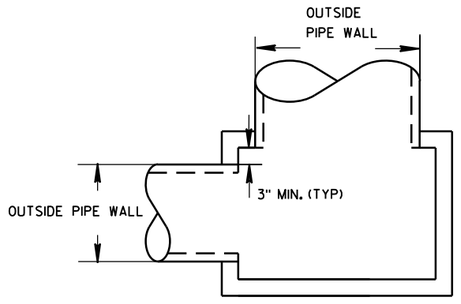
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

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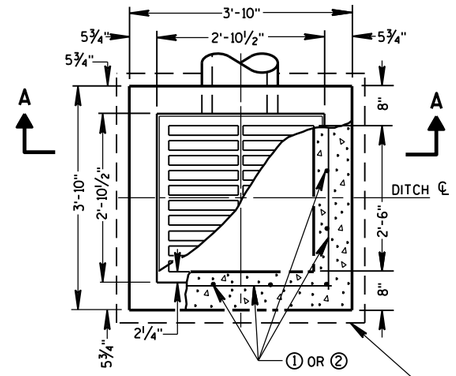
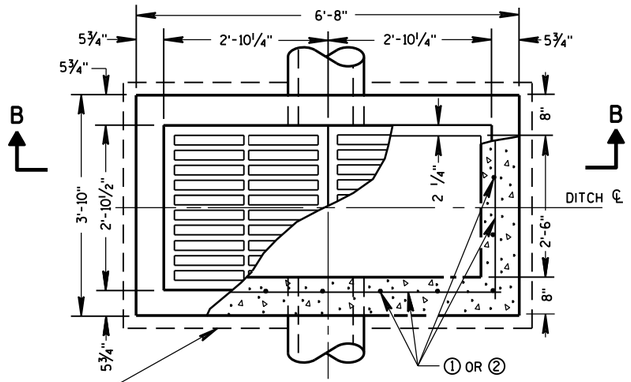
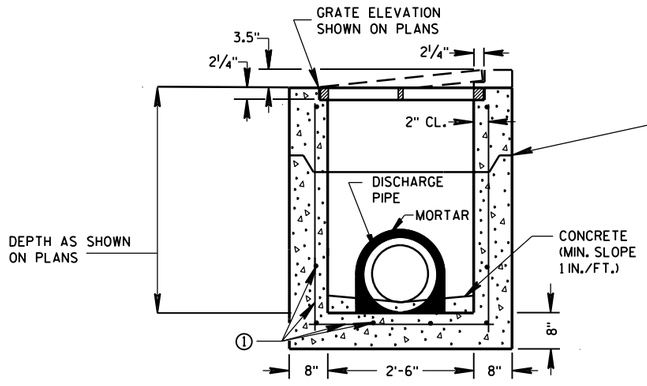


PLAN VIEW

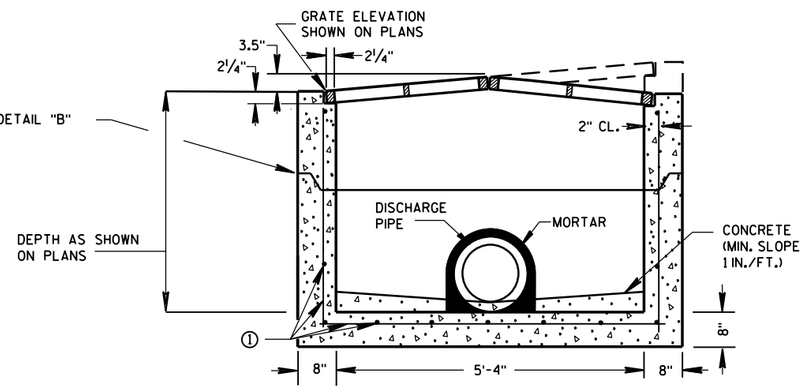


PLAN VIEW

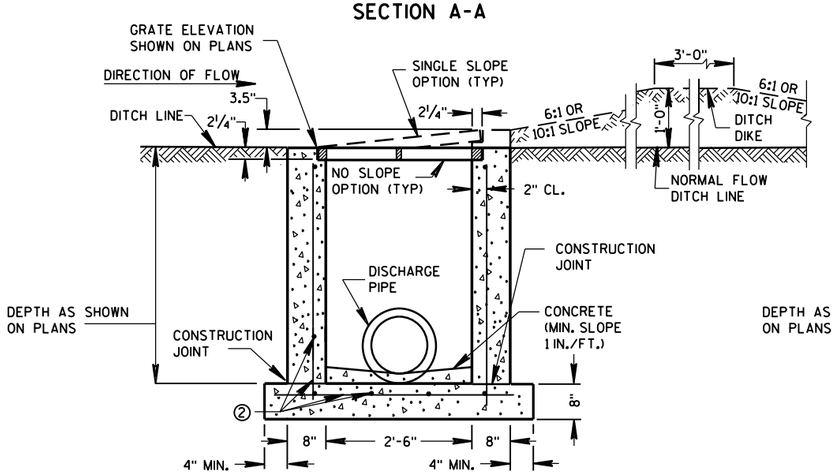
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



PRECAST REINFORCED CONCRETE SECTION A-A

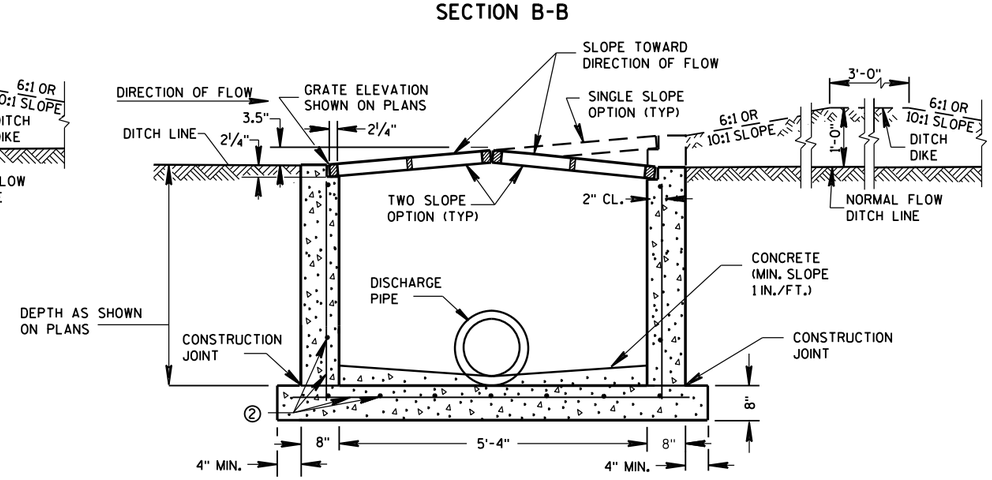


PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A

INLETS MEDIAN 1 GRATE



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

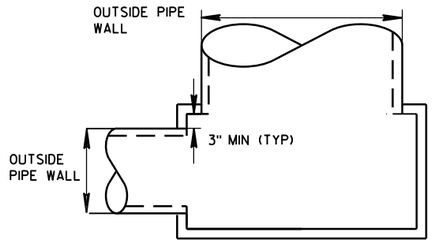
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

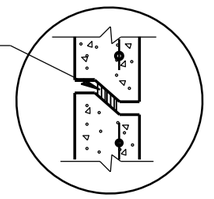
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

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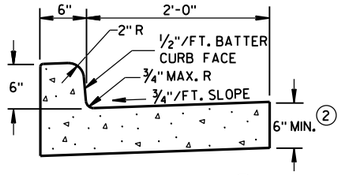
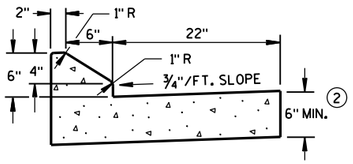
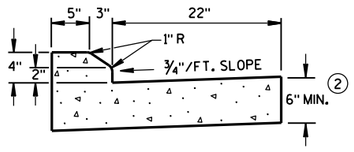


TYPES A & D ①

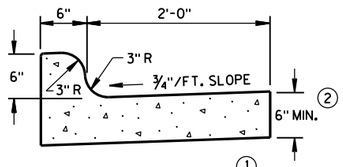


6" SLOPED CURB TYPES G & J ①

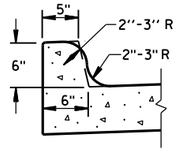


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

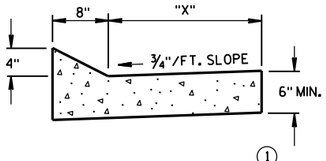


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

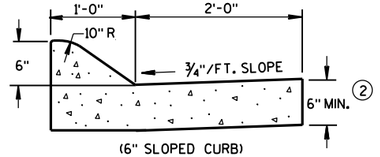
CONCRETE CURB & GUTTER 30"



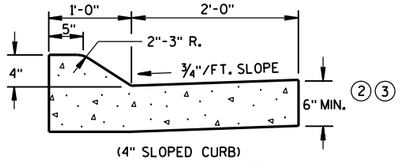
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

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

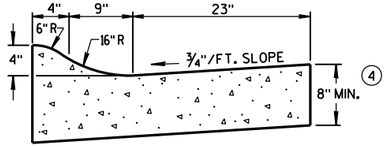


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ①⑤

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS 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 & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

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 GUTTER TYPES A, G, K, R AND TBTT.

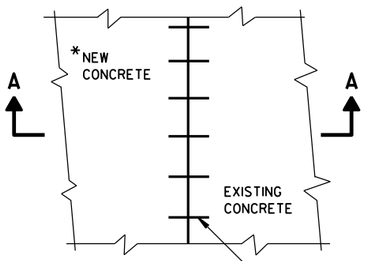
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

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 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

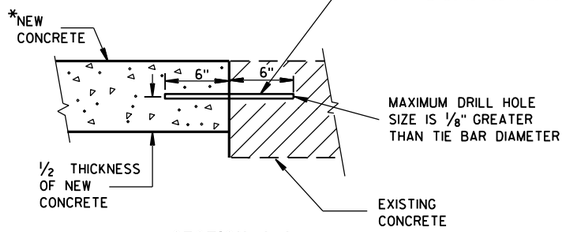
⑤ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



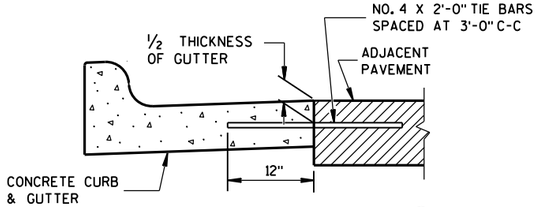
*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW

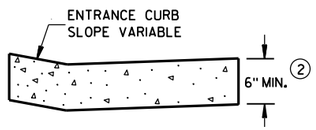


SECTION A-A

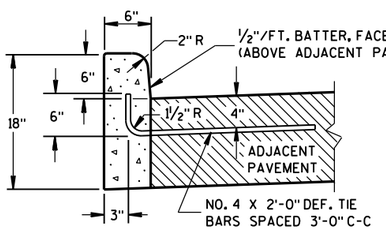
TIE BARS DRILLED INTO EXISTING PAVEMENT



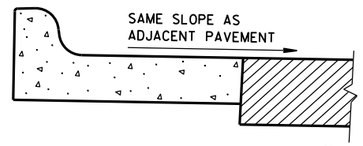
TYPICAL TIE BAR LOCATION ①



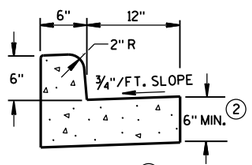
DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)



① TYPES A & D

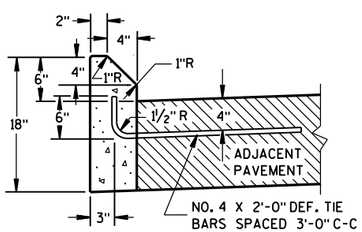


⑥ REVERSE SLOPE GUTTER
(TYPICAL FOR ALL CURB & GUTTER TYPES)



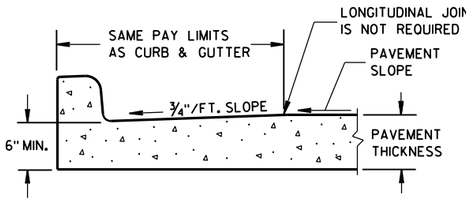
① TYPES A & D

CONCRETE CURB & GUTTER 18"

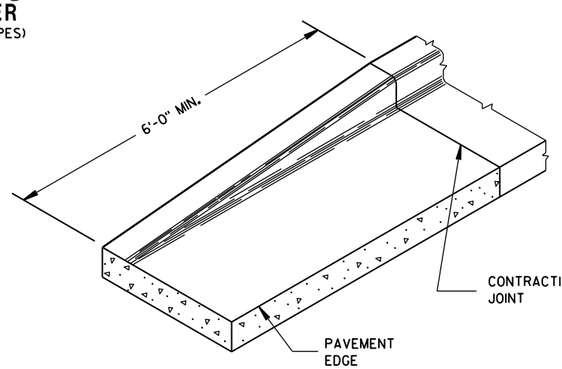


① TYPES G & J

CONCRETE CURB



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2016 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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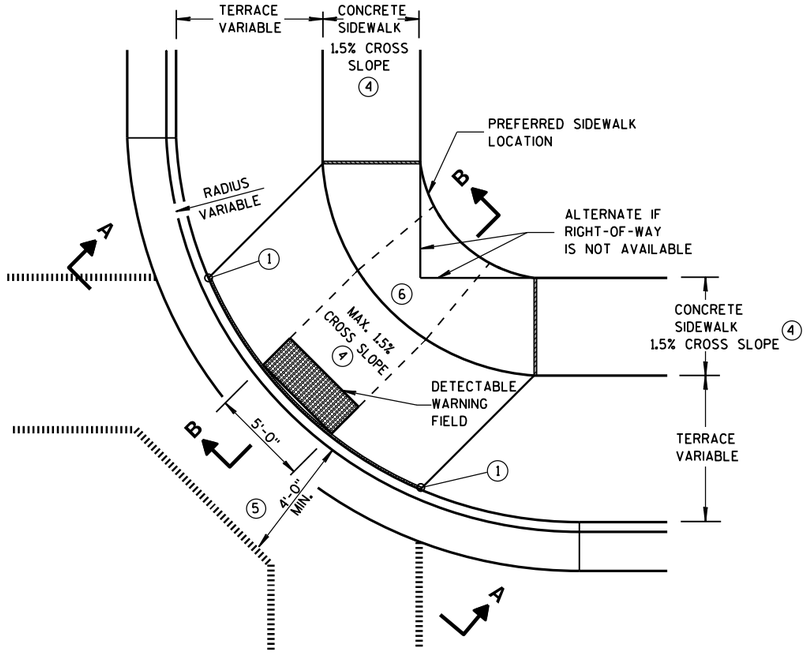
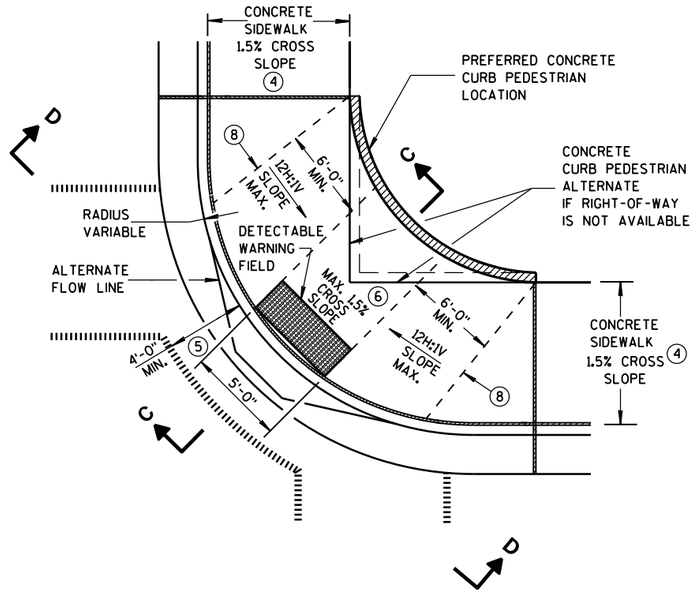


PLAN VIEW

TYPE 1 RAMP

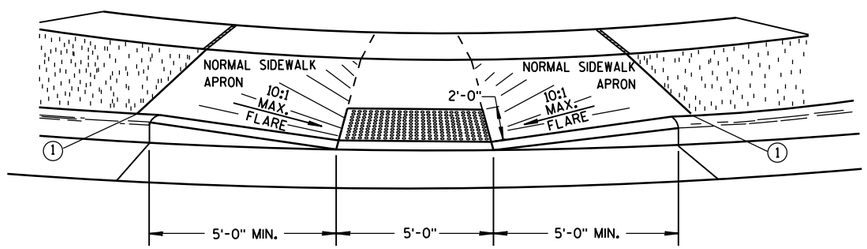
(CENTER OF CORNER RADIUS)



PLAN VIEW

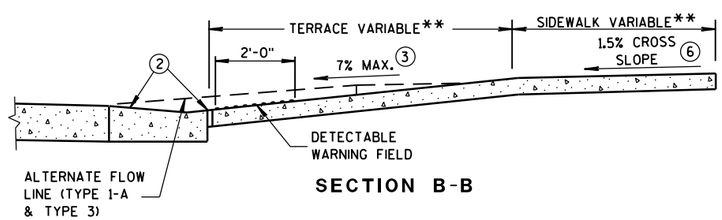
TYPE 1-A RAMP

(NO TERRACE)

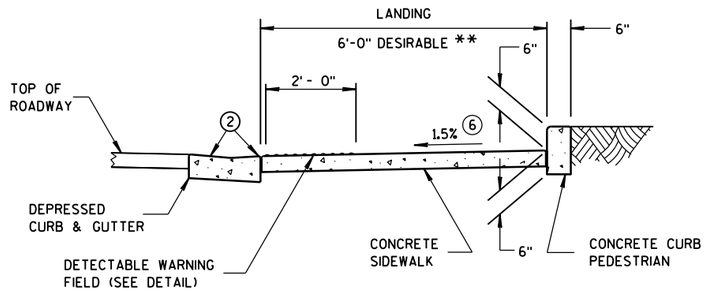


VIEW A-A

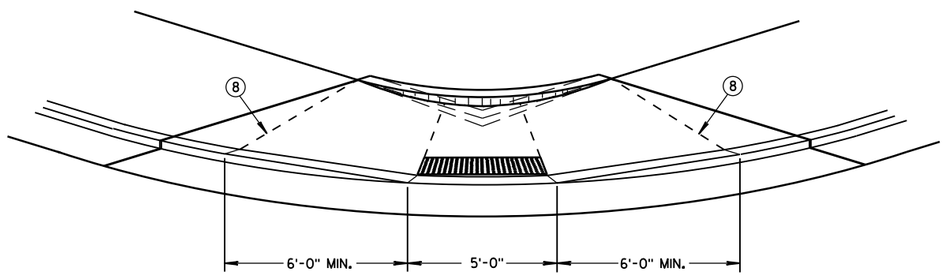
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

GENERAL NOTES

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.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

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 LINEAL 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.

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".

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

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

① 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.

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

③ ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

④ ±0.5% 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 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.

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

⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

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

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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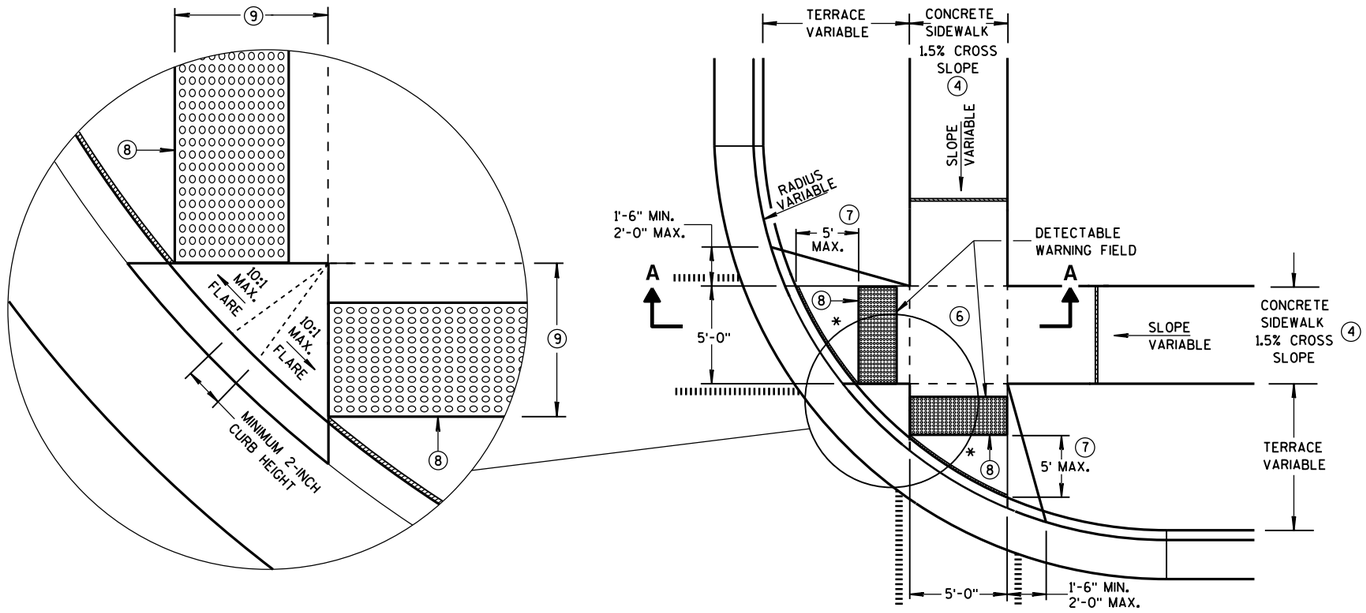
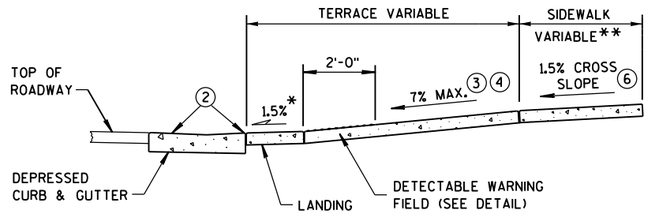


PLAN VIEW

TYPE 2 RAMP

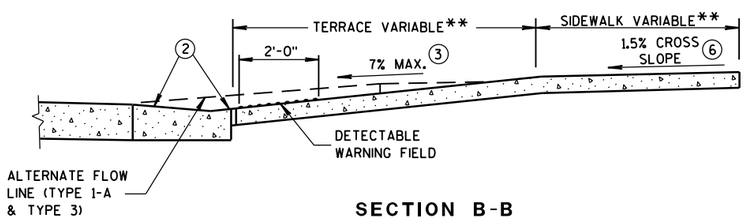
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

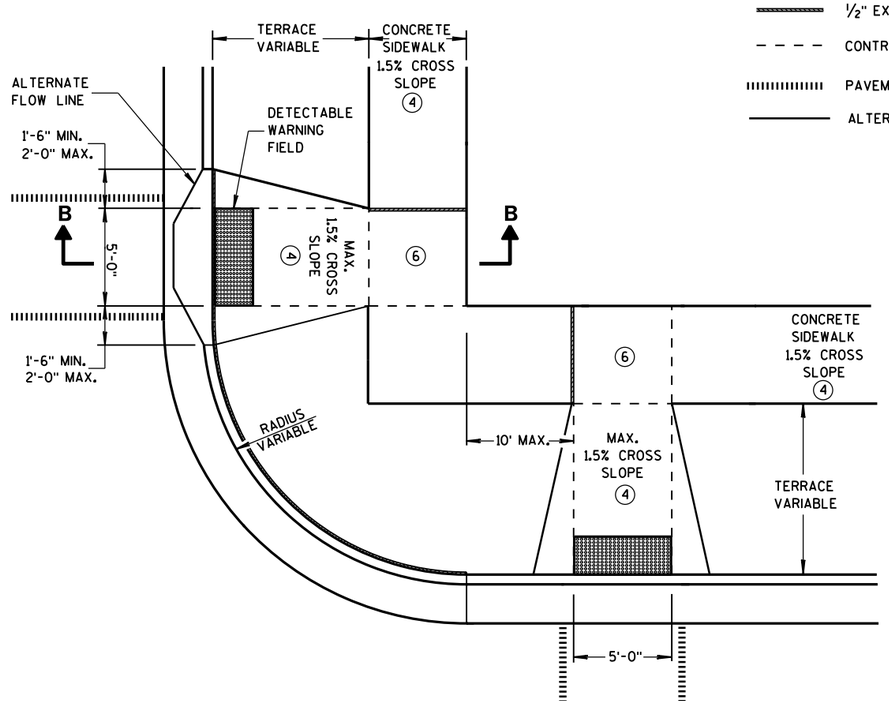


SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



PLAN VIEW

TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±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 LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

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

CURB RAMPS
TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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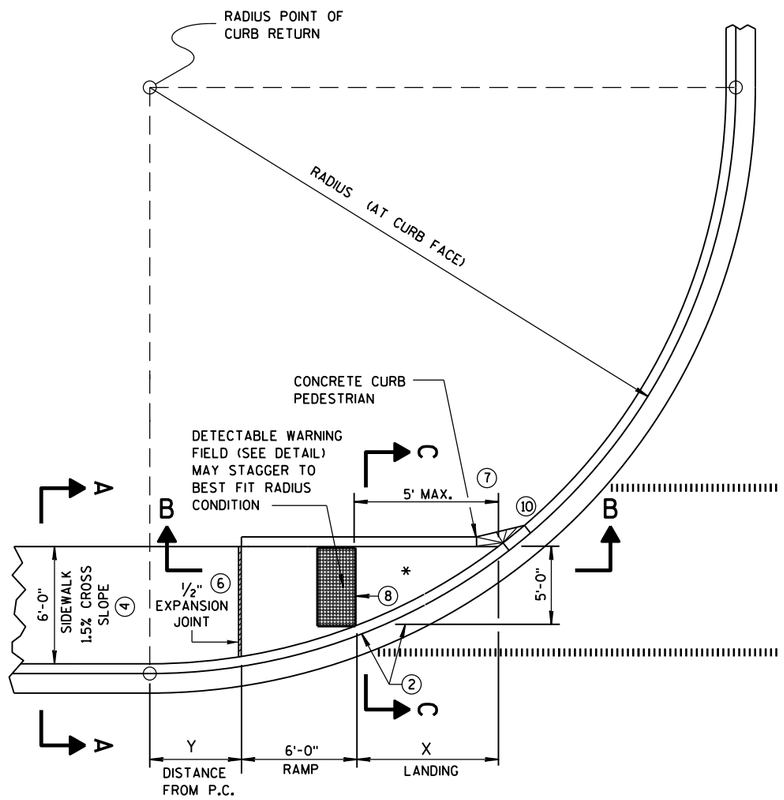
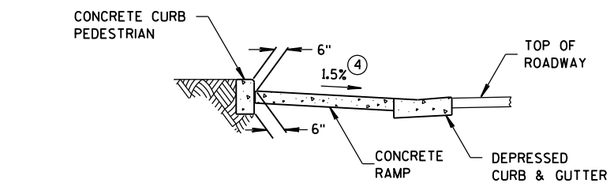


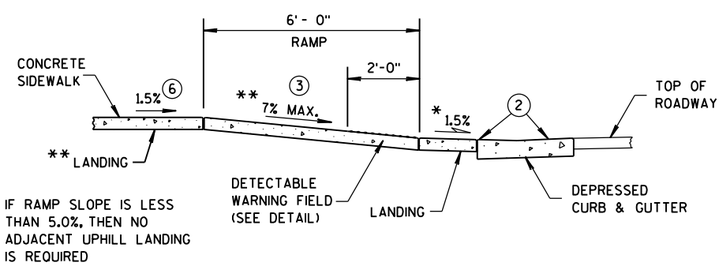
CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X	Y
20 FEET	7'-11"	0'-2"
30 FEET	10'-2¾"	1'-7½"
40 FEET	12'-1¼"	2'-10"
50 FEET	13'-8¾"	3'-10¾"
60 FEET	15'-2"	4'-10¼"

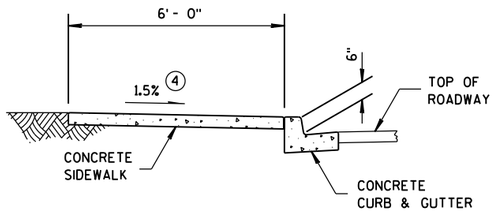
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION C-C FOR TYPE 4A

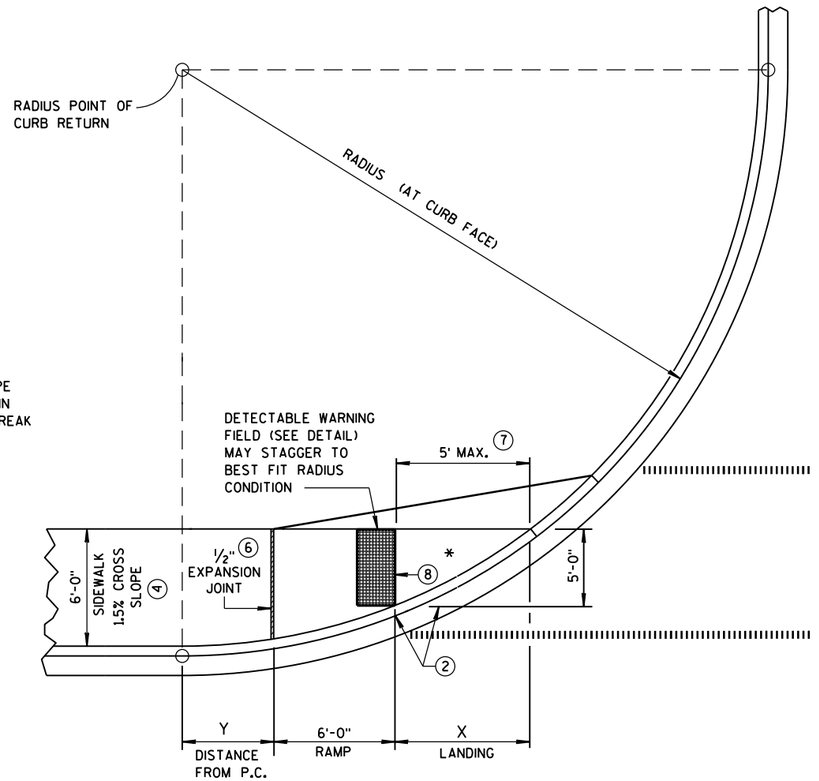


SECTION B-B FOR TYPE 4A



SECTION A-A FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



CURB RAMP TYPE 4A1
PLAN VIEW

GENERAL NOTES

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

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

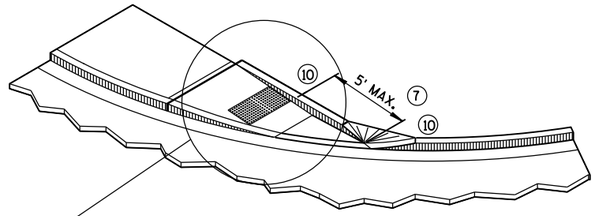
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

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

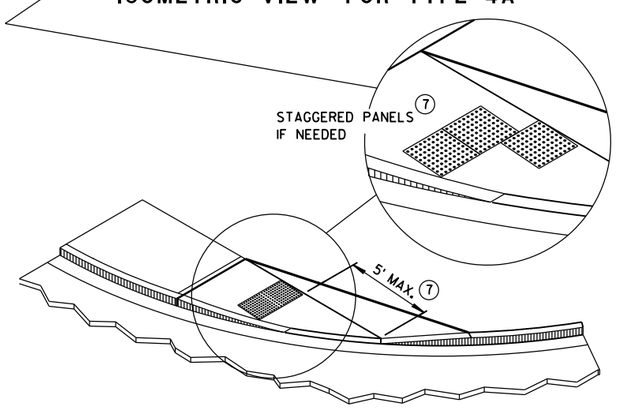
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

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



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

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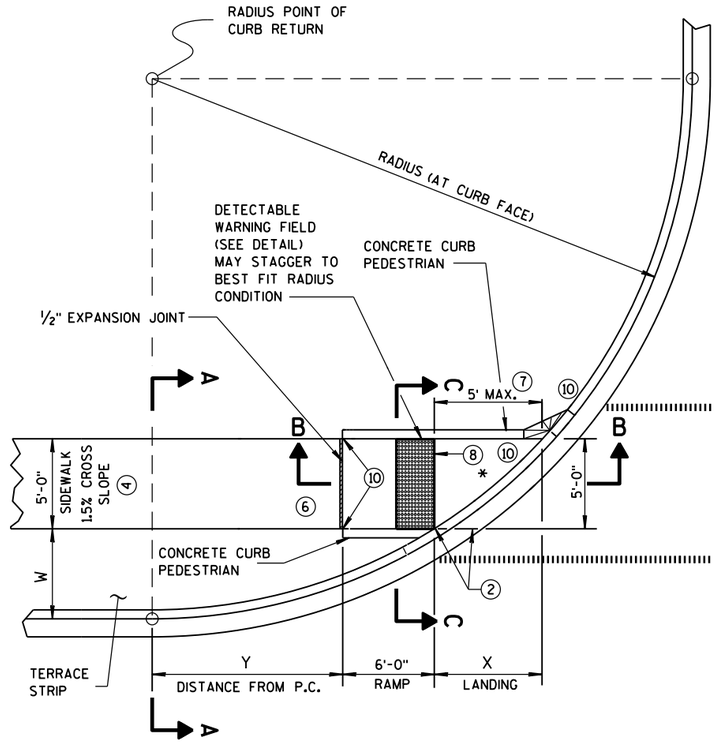
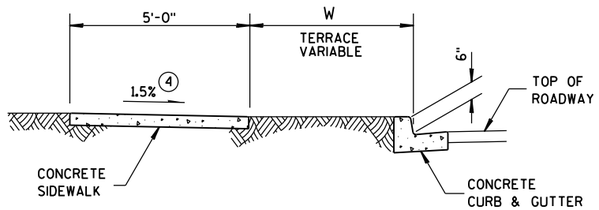
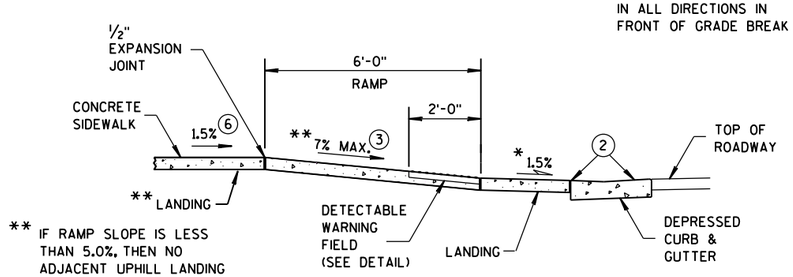


CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

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

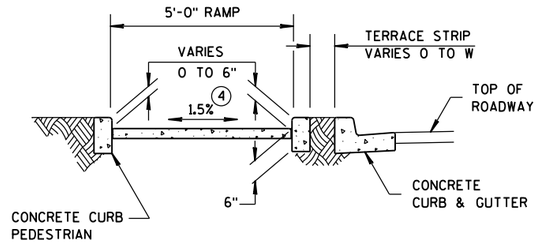
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-6¾"	3'-3"	8'-6¼"
30 FEET	7'-9¼"	5'-10½"	6'-9½"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"
40 FEET	9'-4"	7'-10"	8'-2¾"	10'-3"	7'-4¾"	12'-3¾"	6'-8½"	14'-1¼"	6'-1¾"	15'-8½"
50 FEET	10'-8"	9'-6½"	9'-5½"	12'-3¼"	8'-6½"	14'-7½"	7'-9¾"	16'-8¼"	7'-2½"	18'-6¼"
60 FEET	11'-10¼"	11'-0¾"	10'-6½"	14'-1¼"	9'-6½"	16'-8½"	8'-9¼"	18'-11¾"	8'-1½"	21'-0½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

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

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 ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

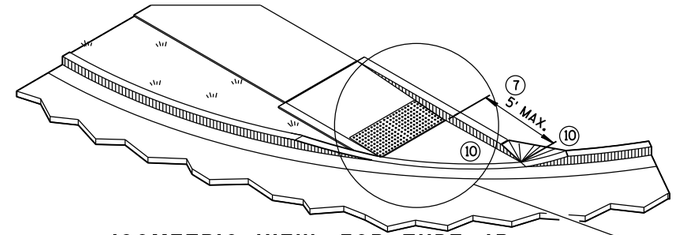
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

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

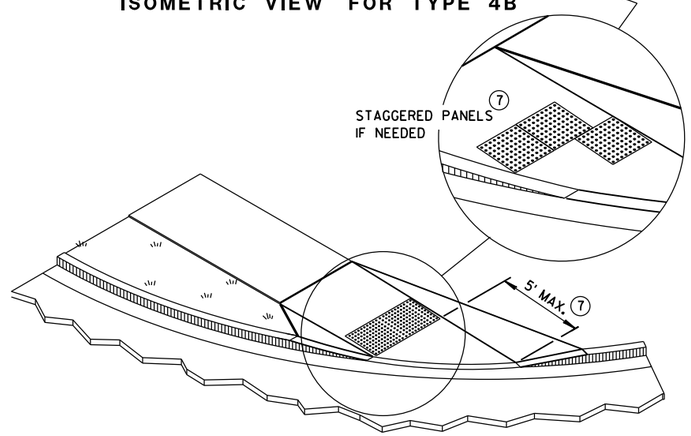
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

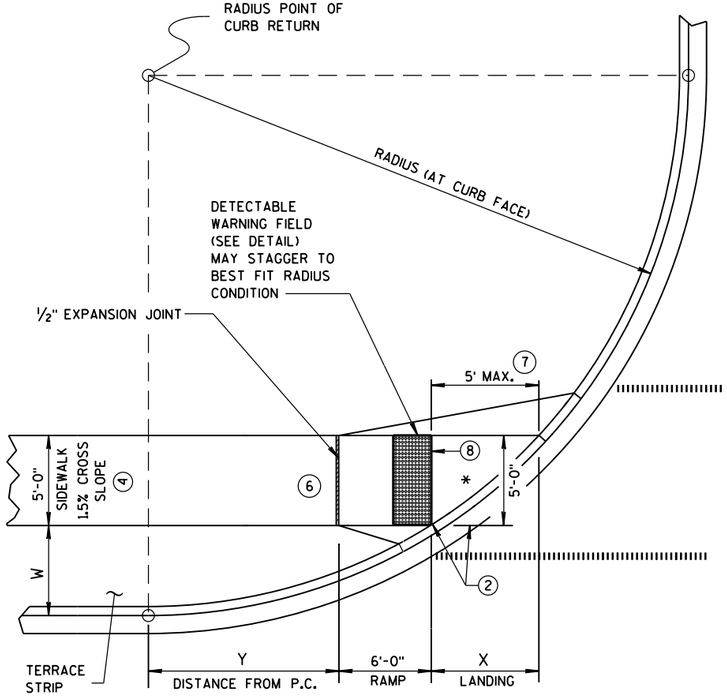
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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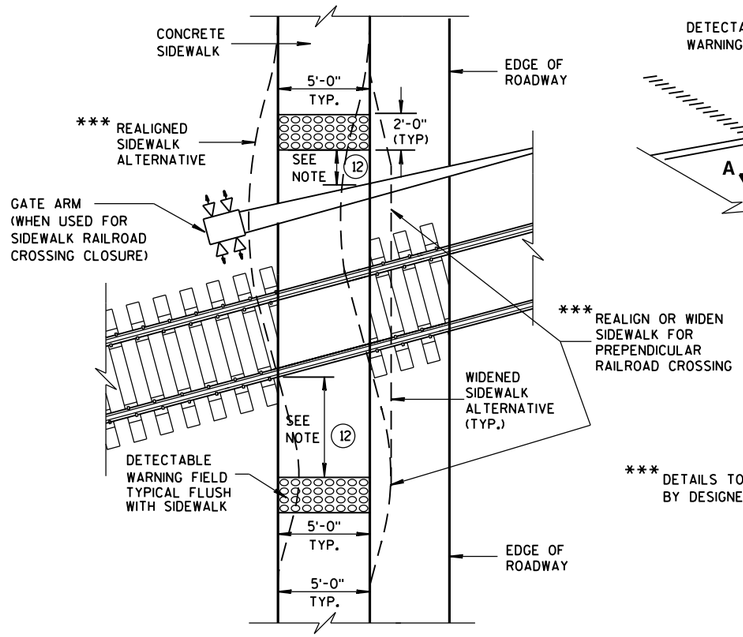
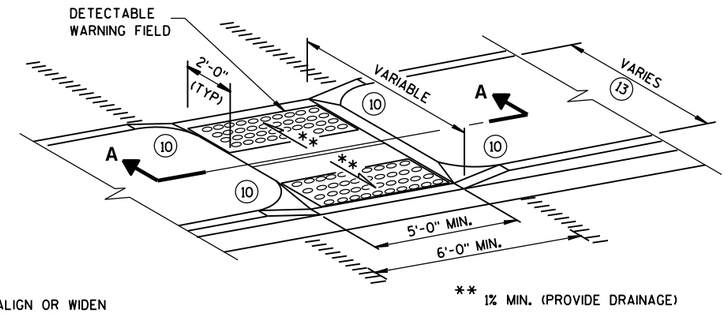
S.D.D. 8 D 5-18d



*** DETAILS TO BE DETERMINED BY DESIGNER

TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



MEDIAN ISLAND NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

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.

(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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

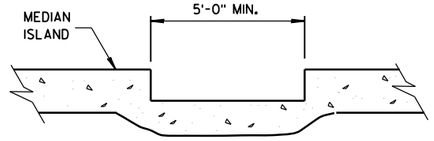
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(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 ± 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.

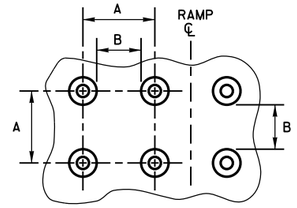
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



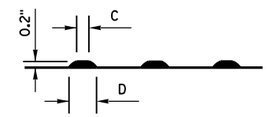
SECTION A-A

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

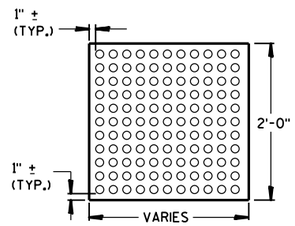


PLAN VIEW

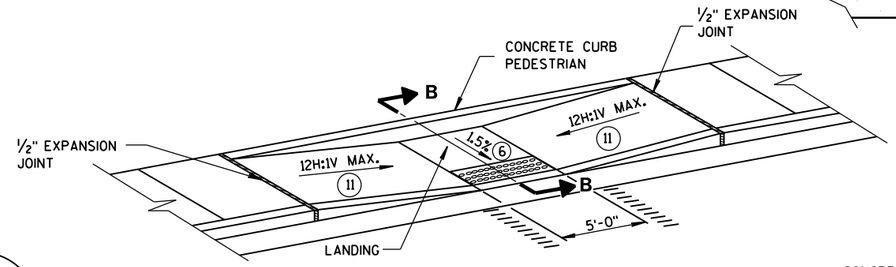


ELEVATION VIEW

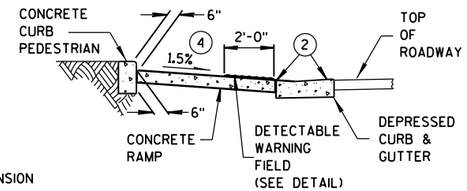
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



PLAN VIEW
DETECTABLE WARNING FIELD (TYPICAL)

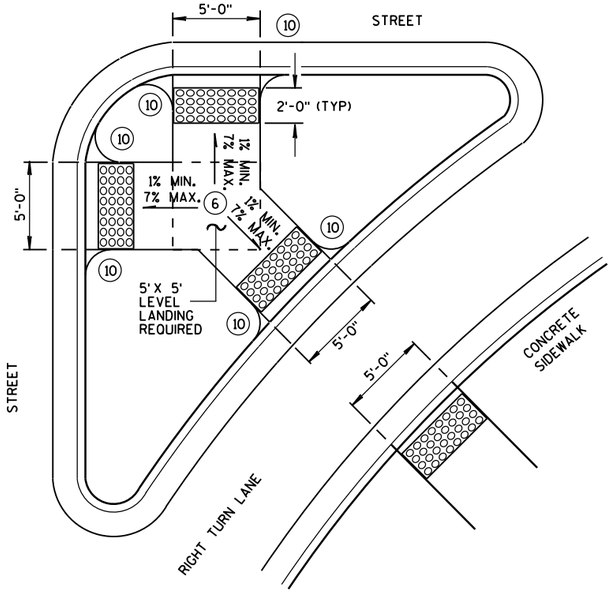


MID-BLOCK CROSSING
TYPE 7A

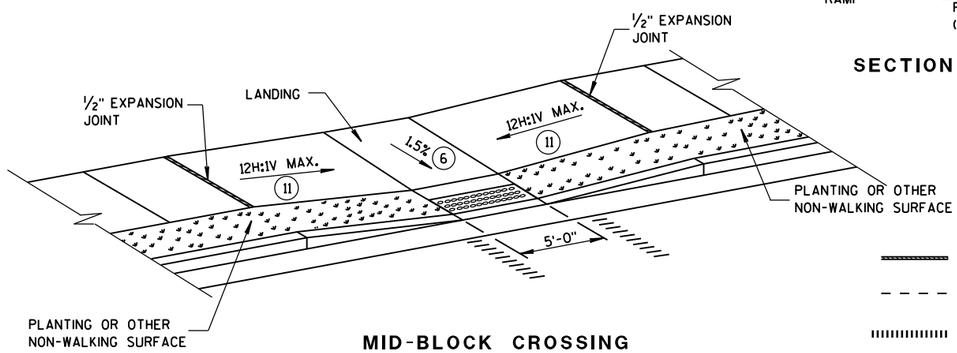


SECTION B-B

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



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

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

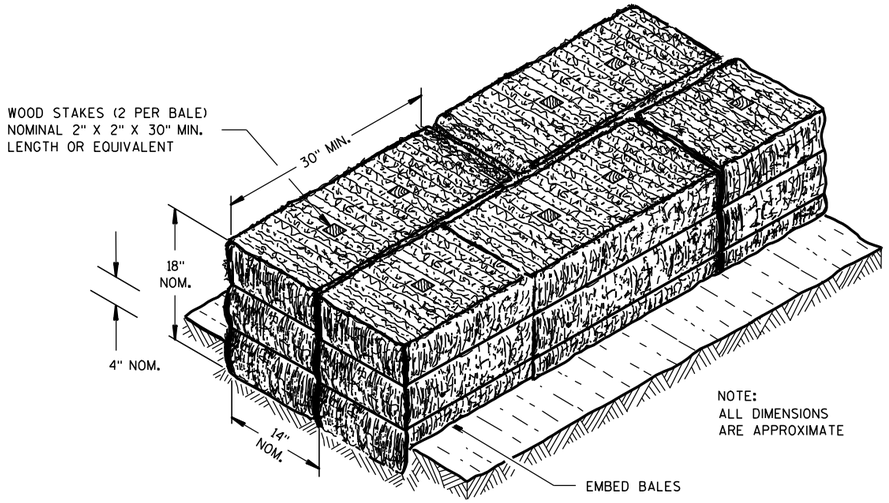
LEGEND

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

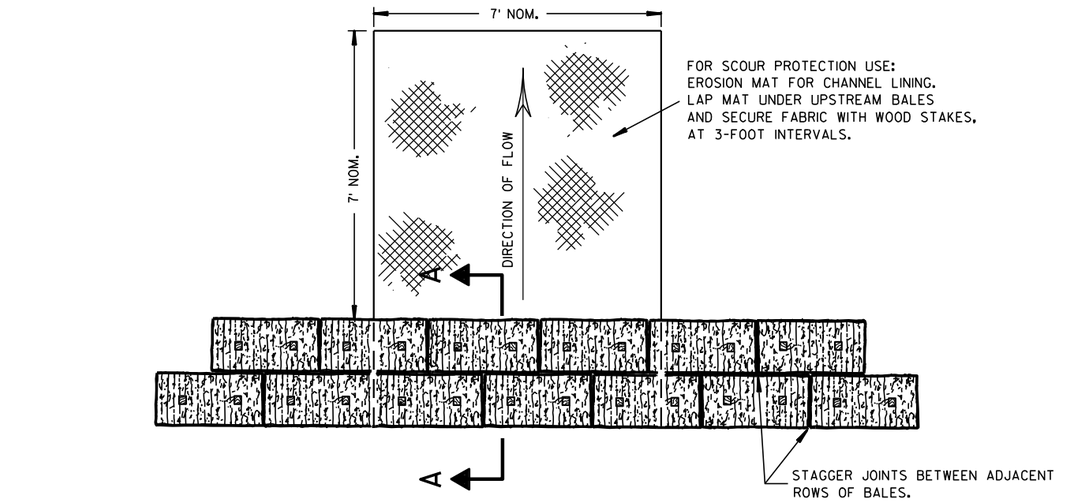
CURB RAMPS TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

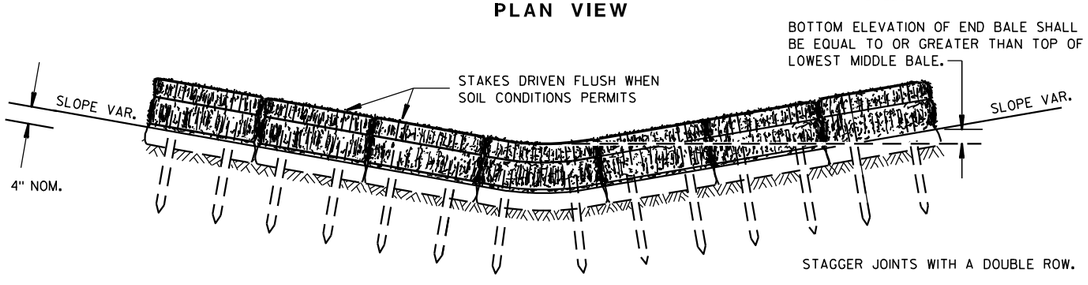
APPROVED
Sept., 2016
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV
ENT
FHWA



SECTION A-A



PLAN VIEW



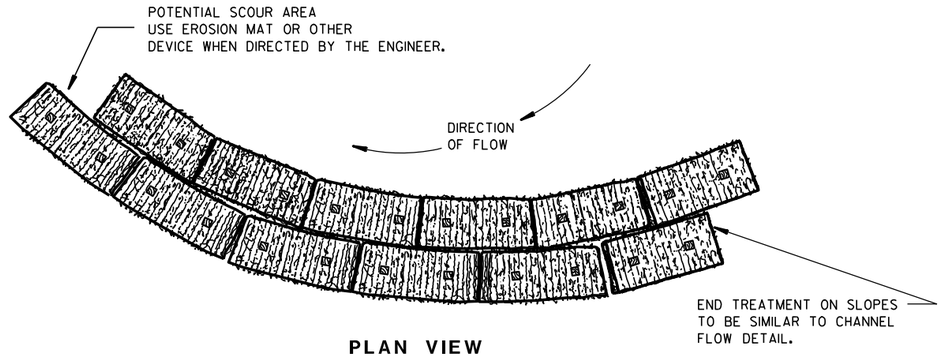
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

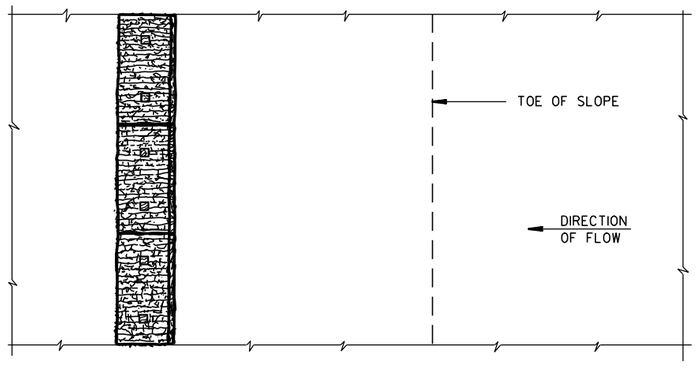
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

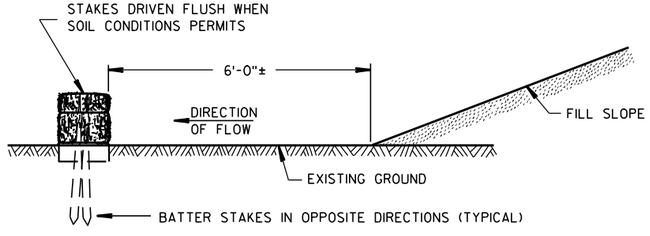


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 DATE
/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 8-3

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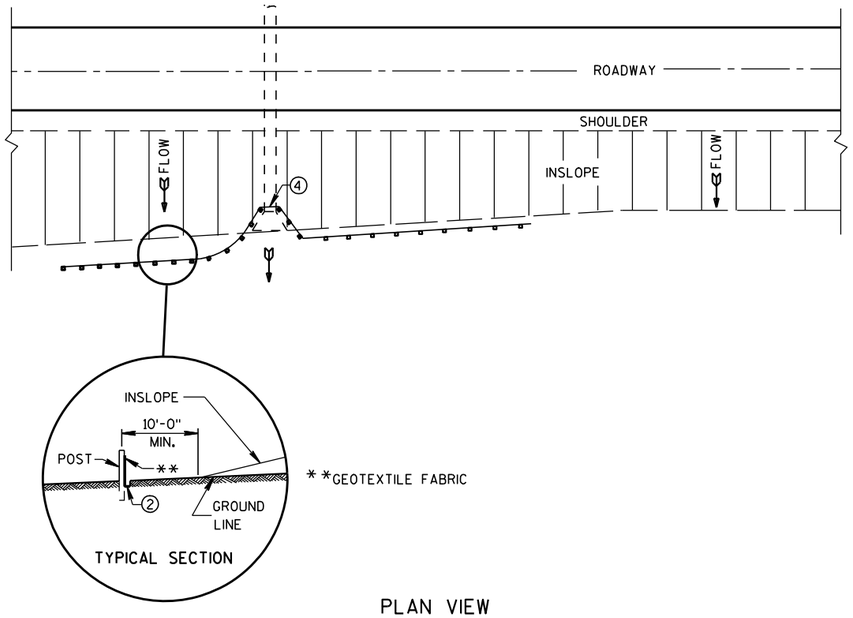
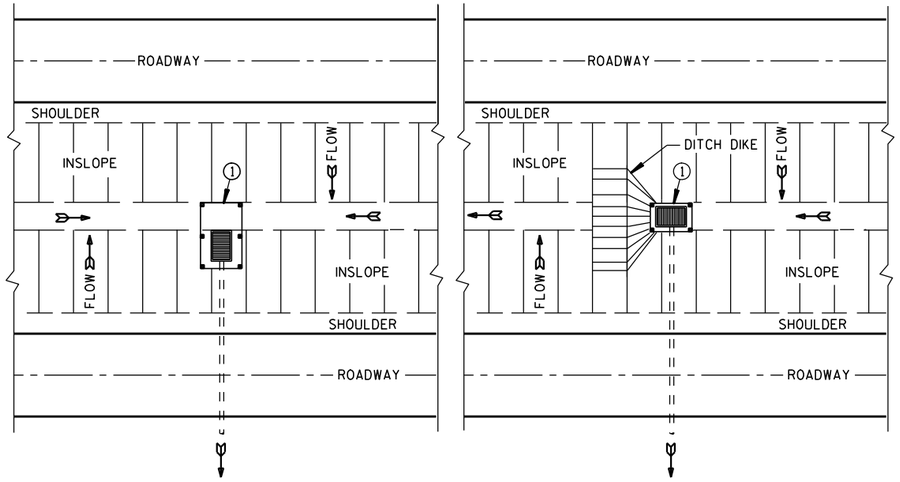
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



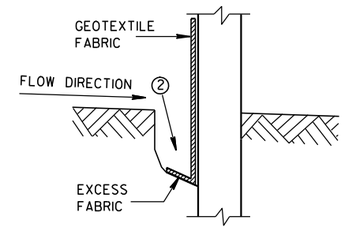
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

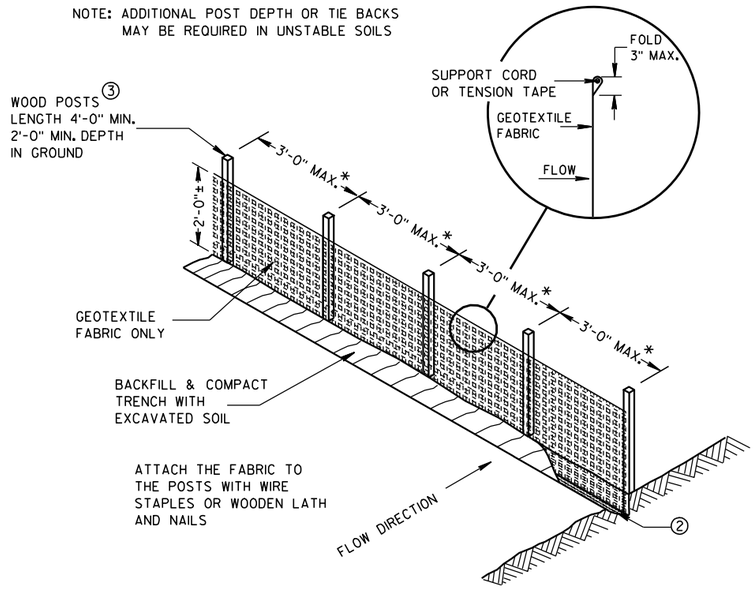
GENERAL NOTES

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

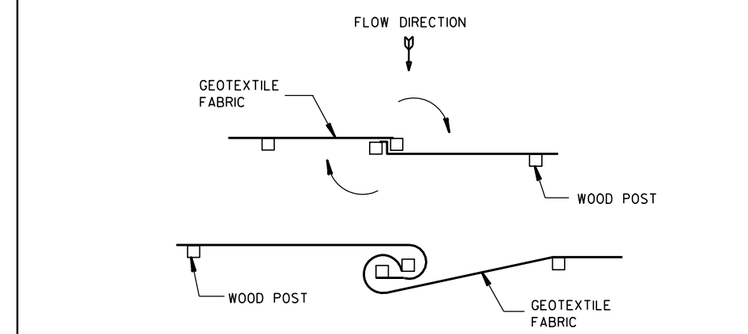
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



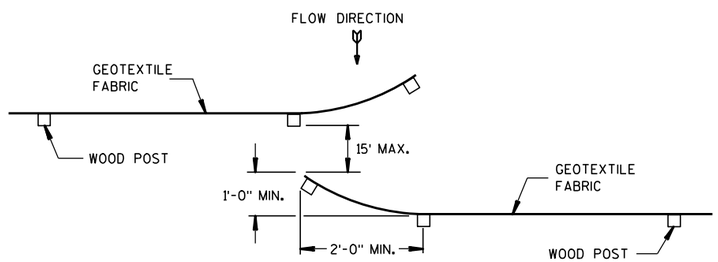
TRENCH DETAIL



SILT FENCE

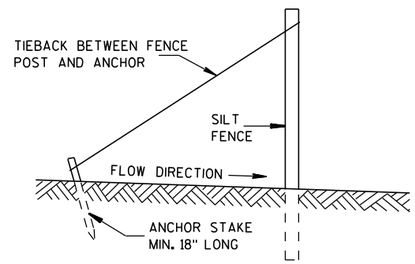


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

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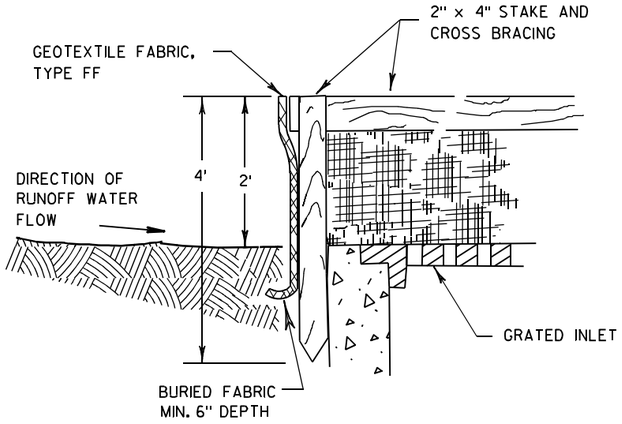
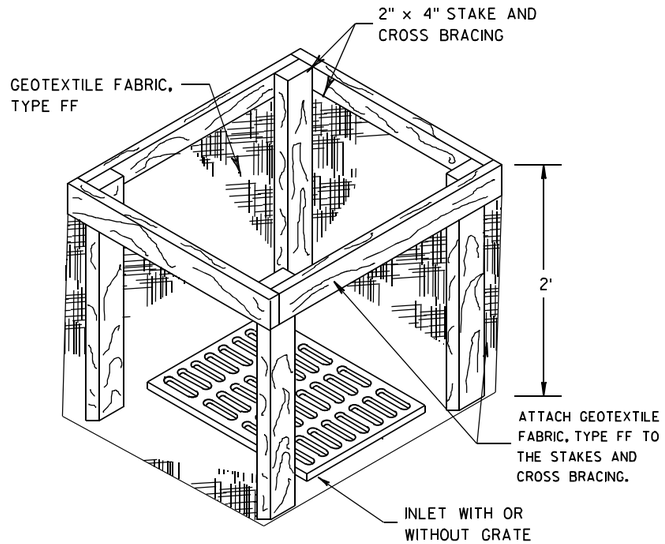
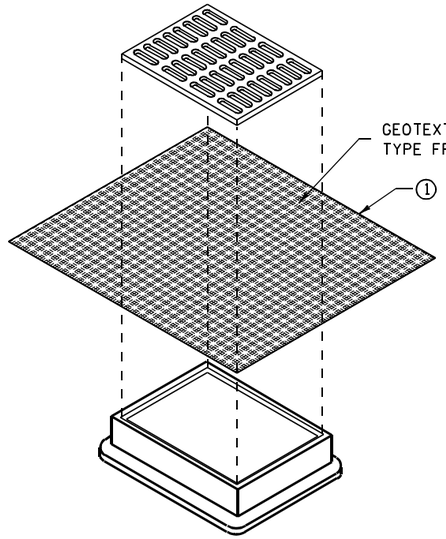
S.D.D. 8 E 9-6



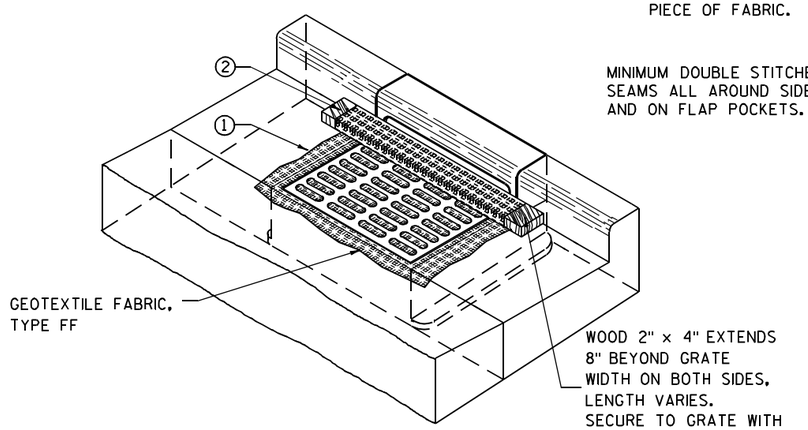


INLET PROTECTION, TYPE A

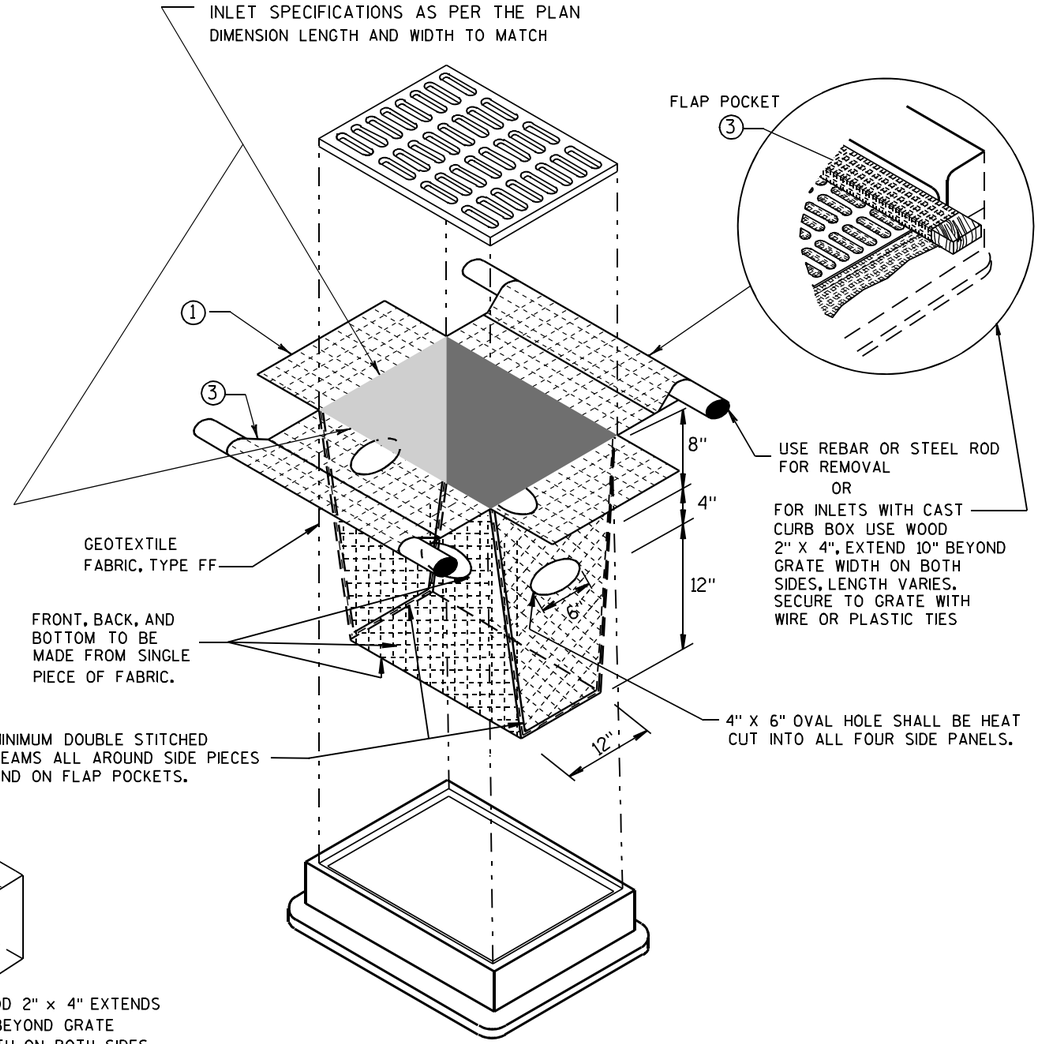


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 8 E 10-2

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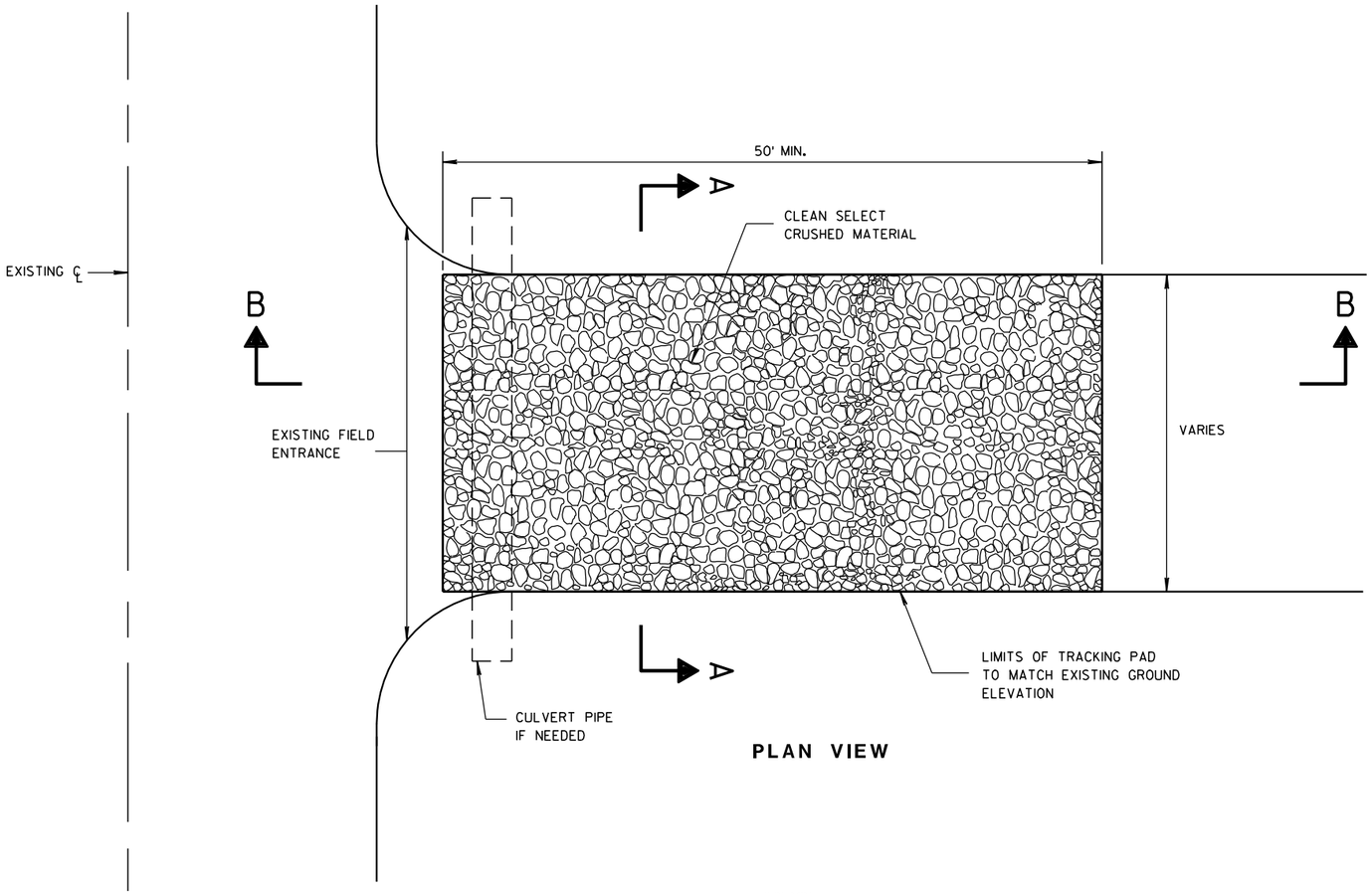
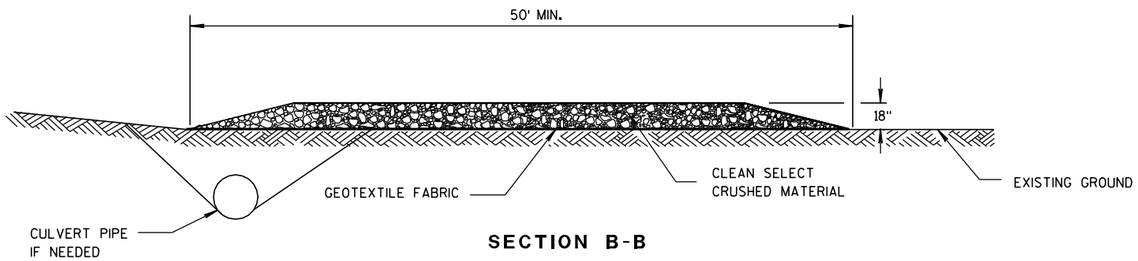
S.D.D. 8 E 10-2



PLAN VIEW



SECTION B-B

GENERAL NOTES

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

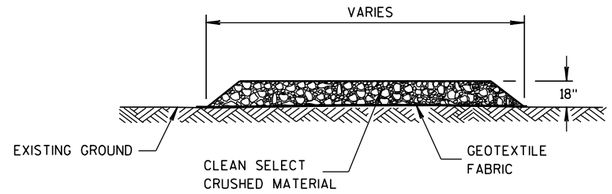
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A-A

TRACKING PAD

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S.D.D. 8 E 14-1

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/24/2011 — DATE

/S/ Jerry H. Zoda — ROADWAY STANDARDS ENGINEER

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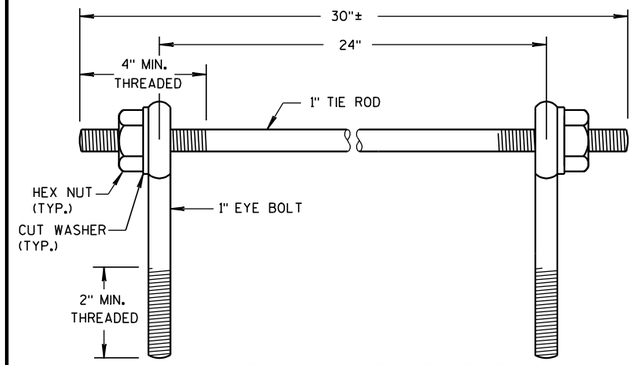
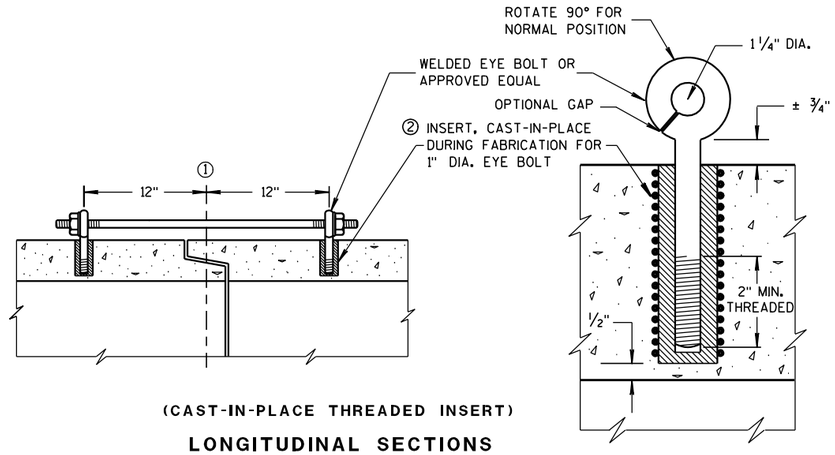
S.D.D. 8 E 14-1



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

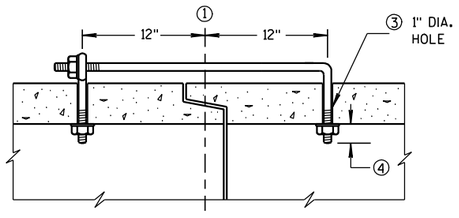
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

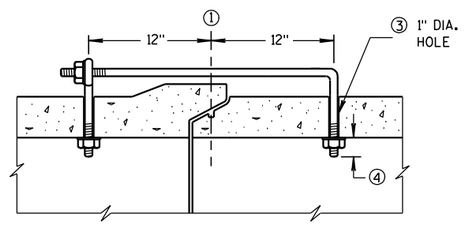
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

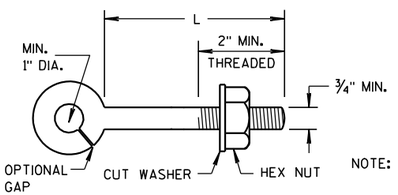


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

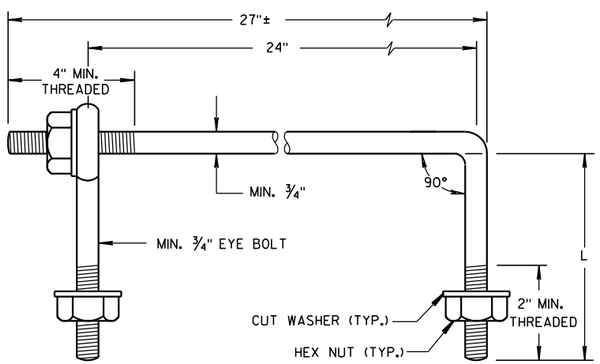
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

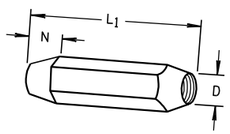
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES



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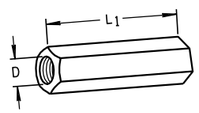
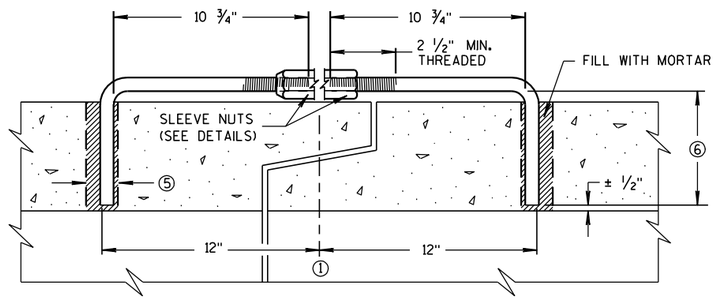


PLAIN

RIGHT AND LEFT THREADS

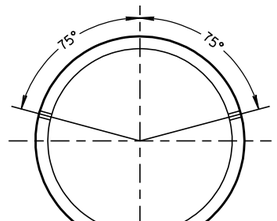
SLEEVE NUTS



LONGITUDINAL SECTION

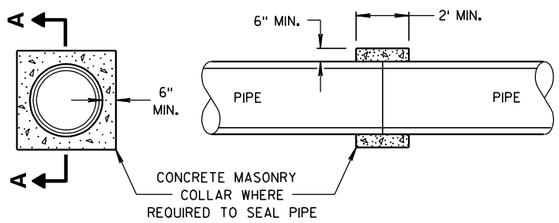
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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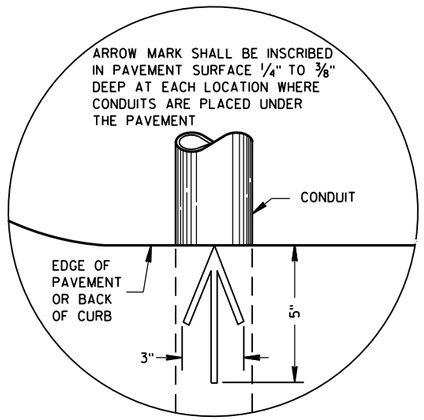
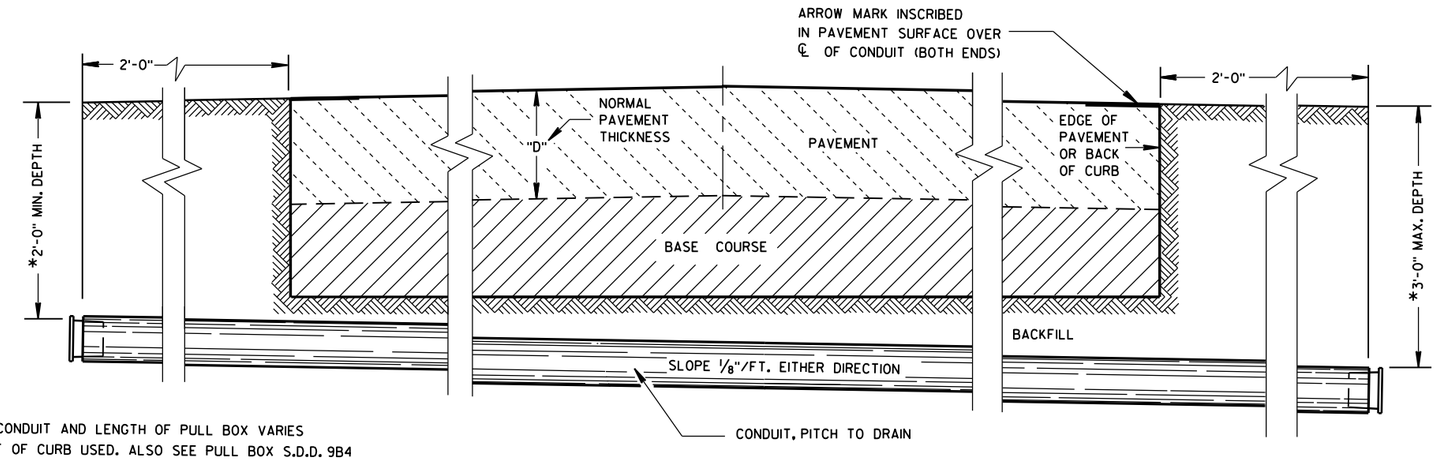


PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 345
FHWA

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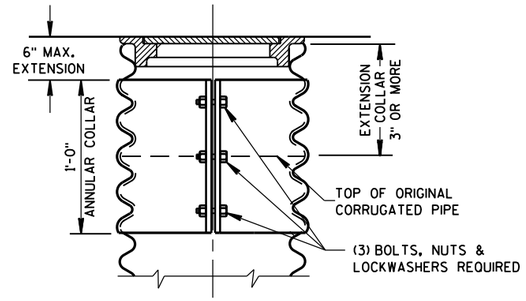
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

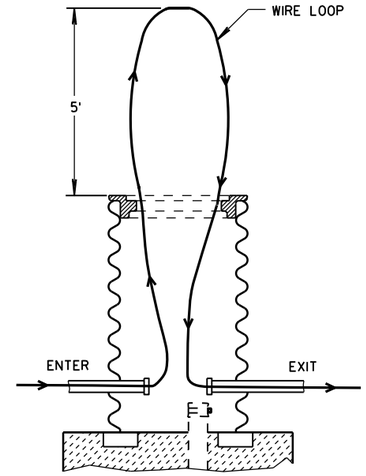
DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	E	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	26 1/2	26 1/2	26 1/2
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 1/2	23 1/2	23 1/2
WEIGHT IN POUNDS *										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

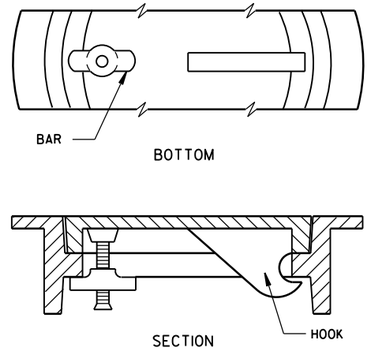
** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.



CORRUGATED PIPE EXTENDER

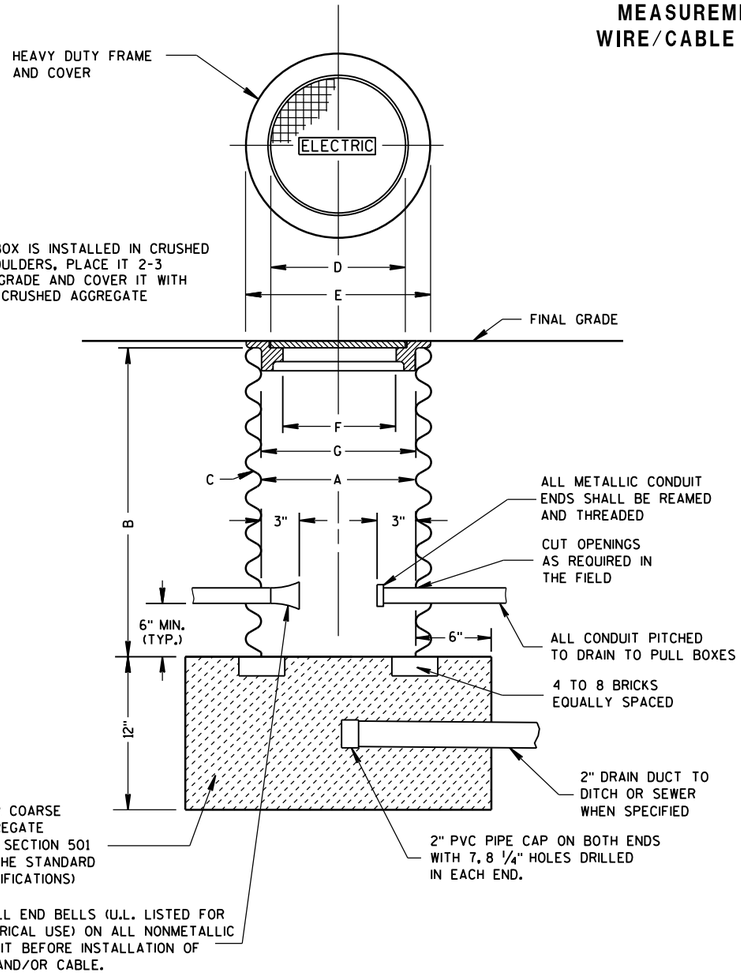


MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



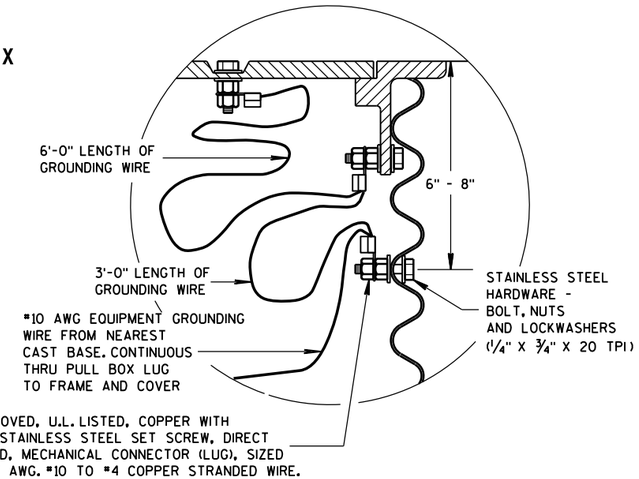
ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE

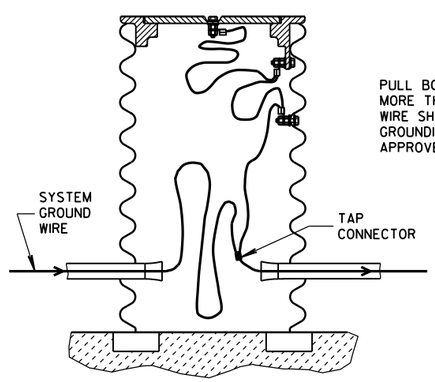


WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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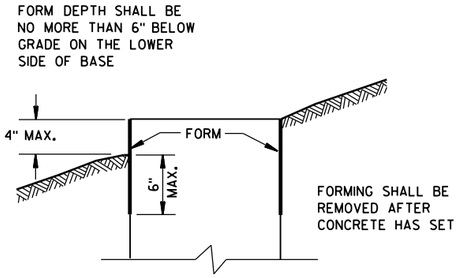
S.D.D. 9 B 4-11



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 1, TYPE 2, TYPE 5, AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

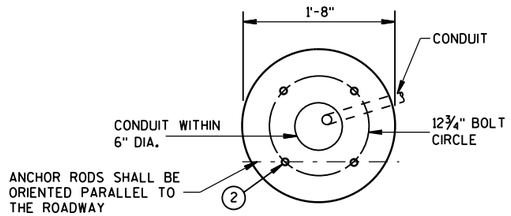
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

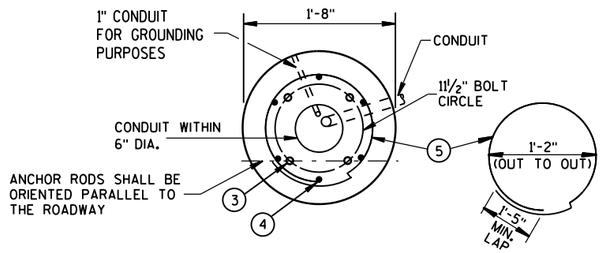
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

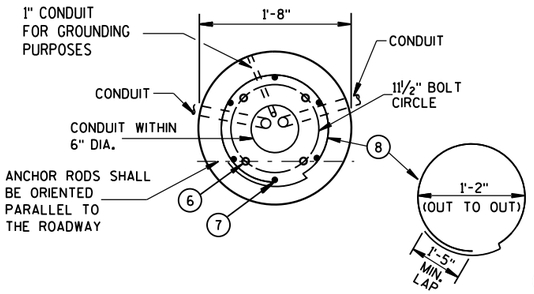
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

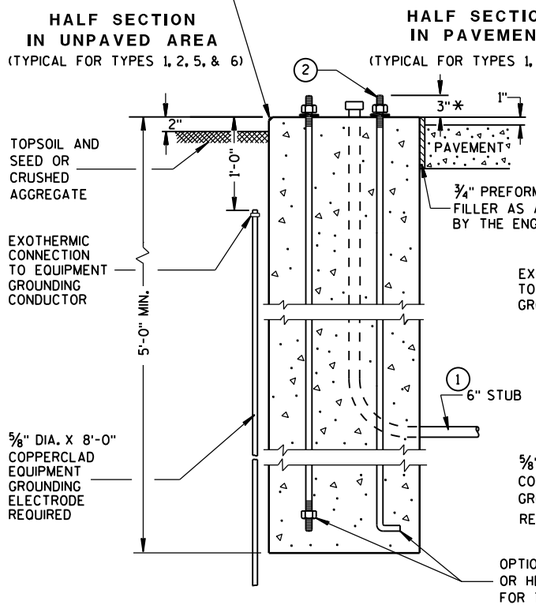
(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

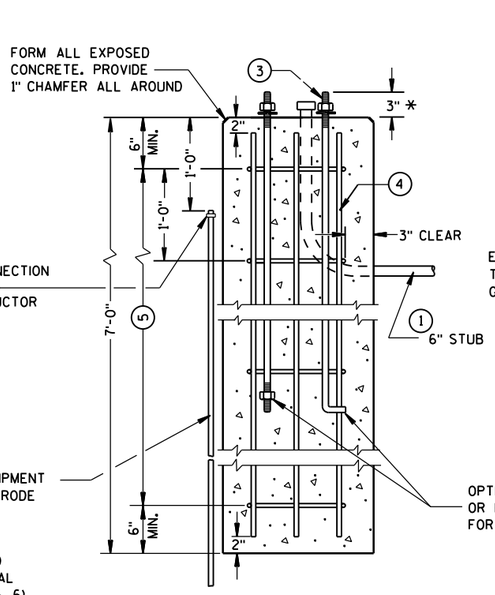
(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.



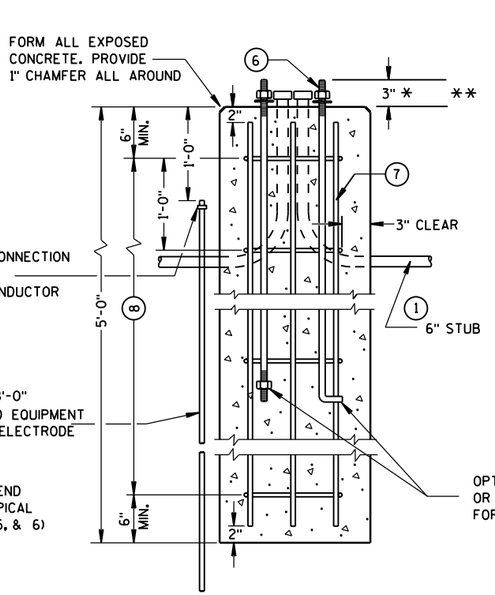








TYPE 2



TYPE 5 & 6

CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 2-7

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

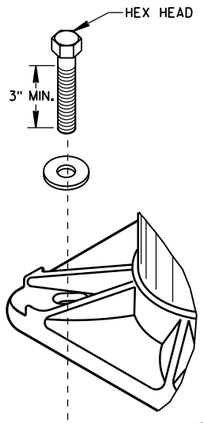
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

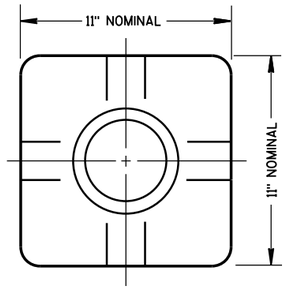
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

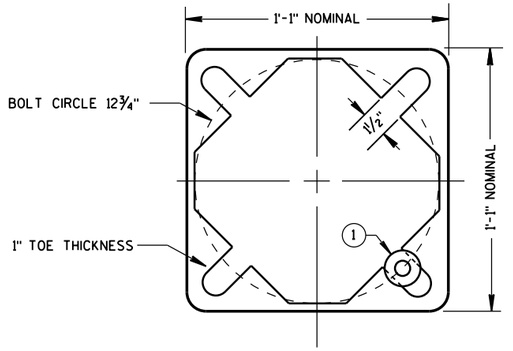
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

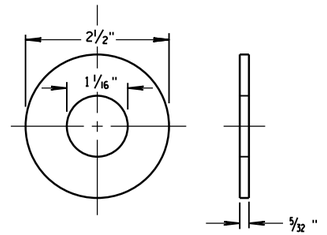




TOP VIEW
(PEDESTAL BASE)

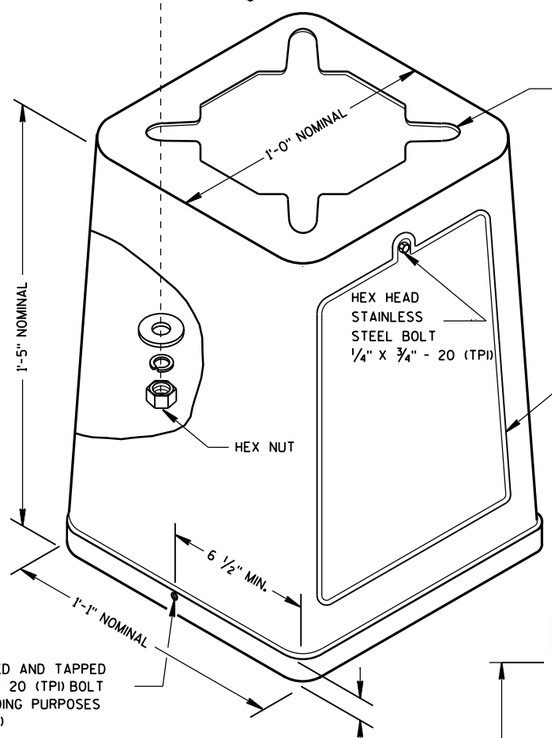


BOTTOM VIEW
(PEDESTAL BASE)

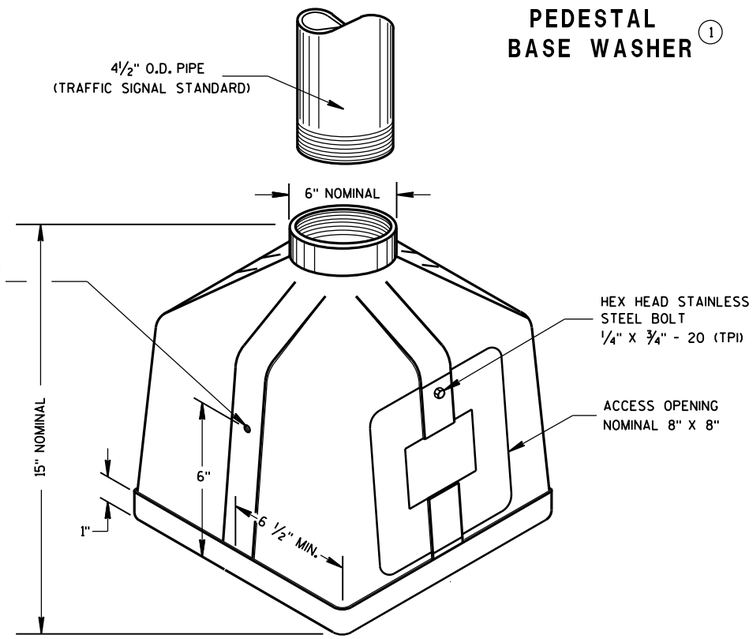


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

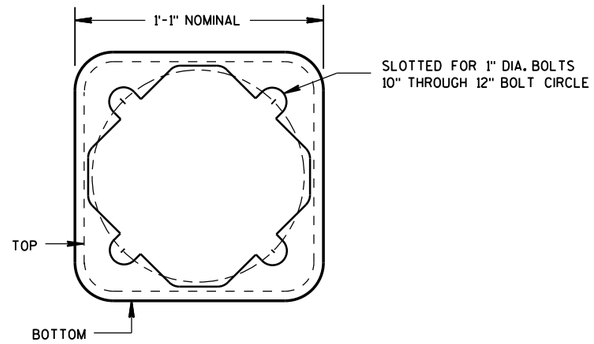
PEDESTAL BASE WASHER (1)



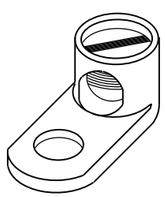
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

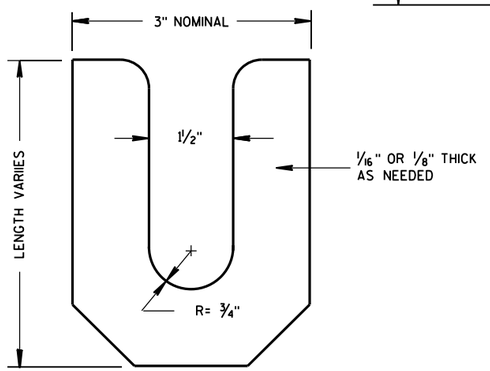


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 3-4

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE 1" X 60".

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

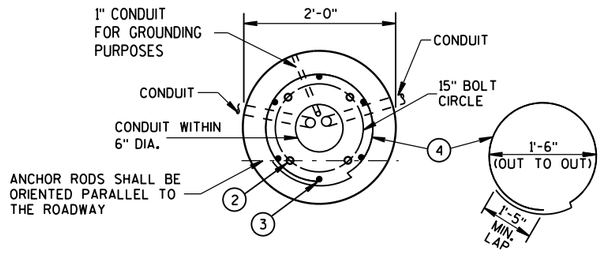
BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

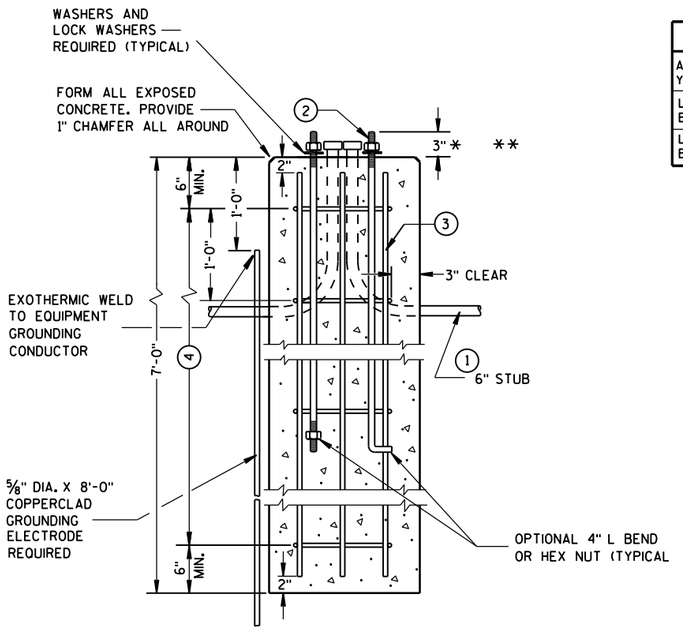
(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 5'-0" ANCHOR RODS.

(3) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

(4) (7) NO. 4 X 6'-2" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

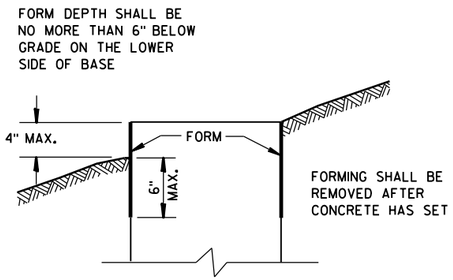




CONCRETE BASE, TYPE 7 (FOR 40' LIGHT POLES)

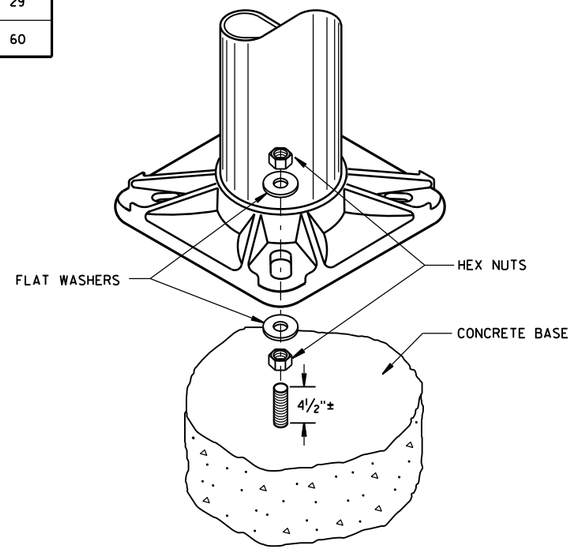
* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.



FORMING DETAIL

QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	0.8
LBS. OF HOOP BAR STEEL	29
LBS. OF VERTICAL BAR STEEL	60



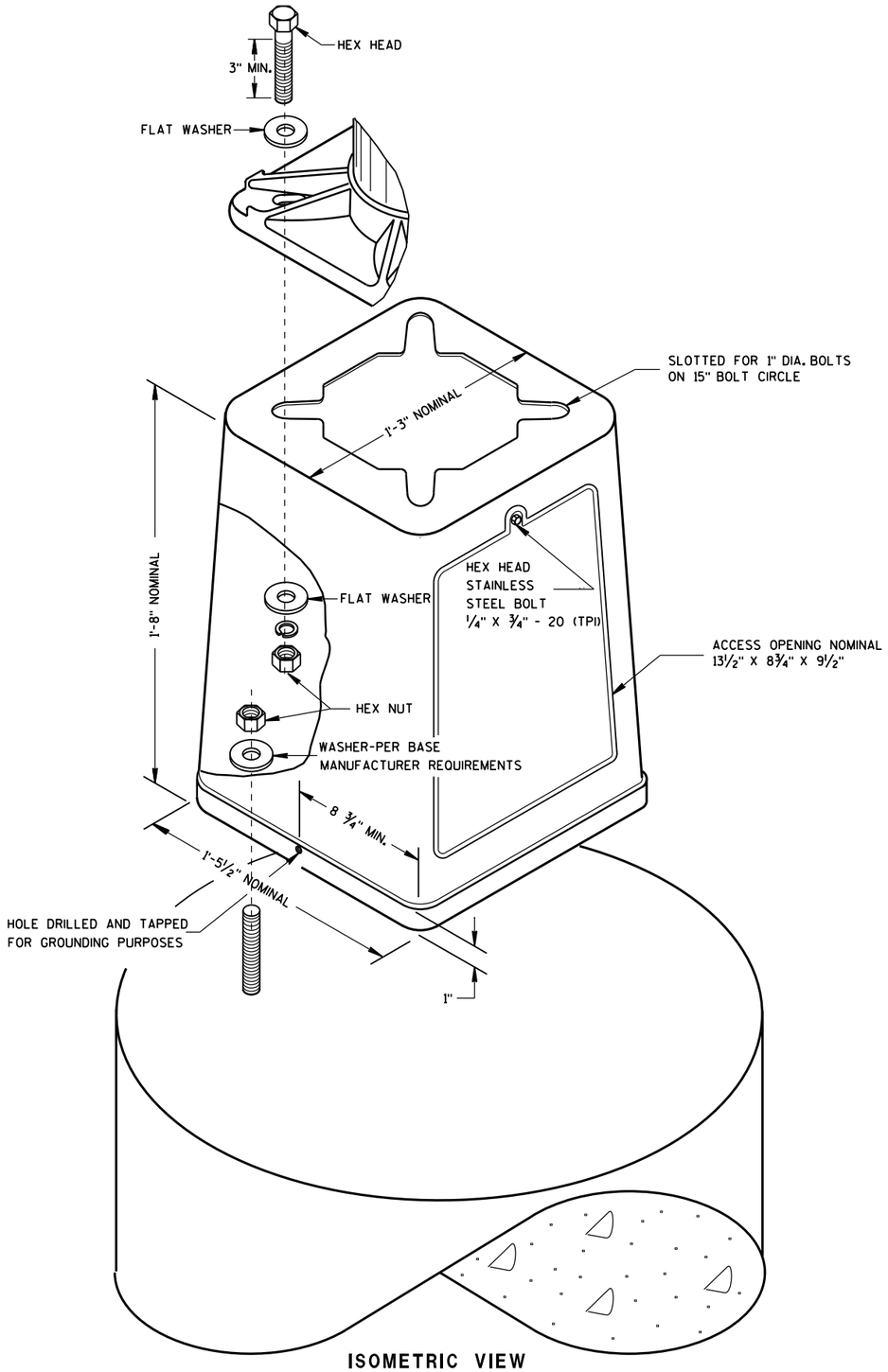
NON-BREAKAWAY INSTALLATION (LEVELING NUT)

CONCRETE BASE, TYPE 7

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

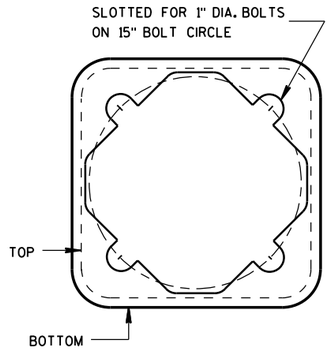
APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6
S.D.D. 9 C 8-5



ISOMETRIC VIEW

TRANSFORMER BASE



BOTTOM VIEW

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BREAKAWAY BASES (WHERE REQUIRED) WILL BE MEASURED AND PAID AS SEPARATE ITEMS OF WORK IN ADDITION TO THE LIGHT POLE.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIMS SHALL BE SIZED TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

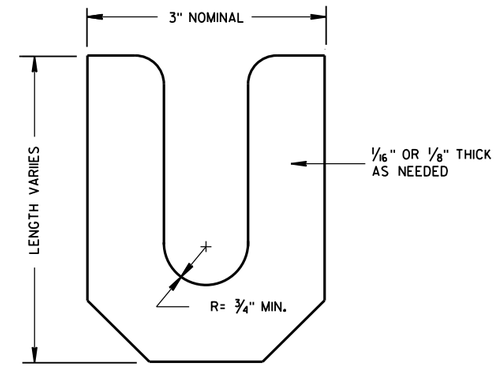
A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE TRANSFORMER BASE.

THE MECHANICAL CONNECTOR (GROUNDING LUG) SHALL BE INSTALLED USING THE TAPPED HOLE PROVIDED BY THE MANUFACTURER. THE MOUNTING BOLT HEXHEAD), NUT, WASHER AND LOCK WASHER SHALL BE STAINLESS STEEL, SIZED TO FIT THE THREADING AND HOLE SIZE, AND BE OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

SHOULD A GROUNDING LUG MOUNTING HOLE NOT BE PROVIDED, THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" X 3/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE. IT SHALL BE MOUNTED IN THE SAME LOCATION AS IS SHOWN ON THE DRAWING.

SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, AND LOCK WASHERS, THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

THE ACCESS DOOR SHALL BE MANUFACTURED OF THE SAME MATERIAL AS THE BASE.



LEVELING SHIM

TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE FOR 15" BOLT CIRCLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL

FHWA

6

S.D.D. 9 C 10-3

6

S.D.D. 9 C 10-3

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL END INSTALLED. ALL CONDUIT SHALL BE SLOPED TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUIT IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

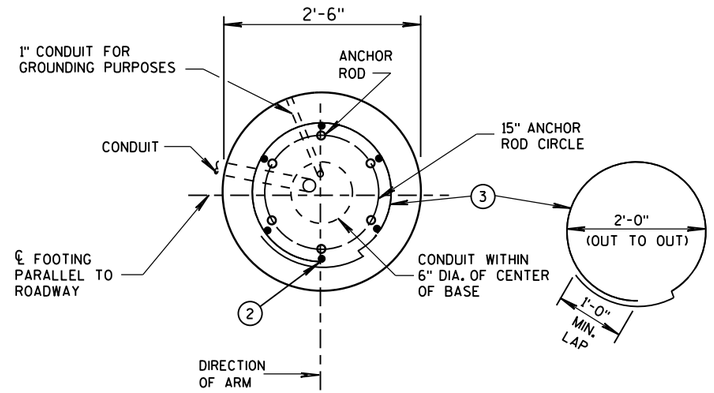
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

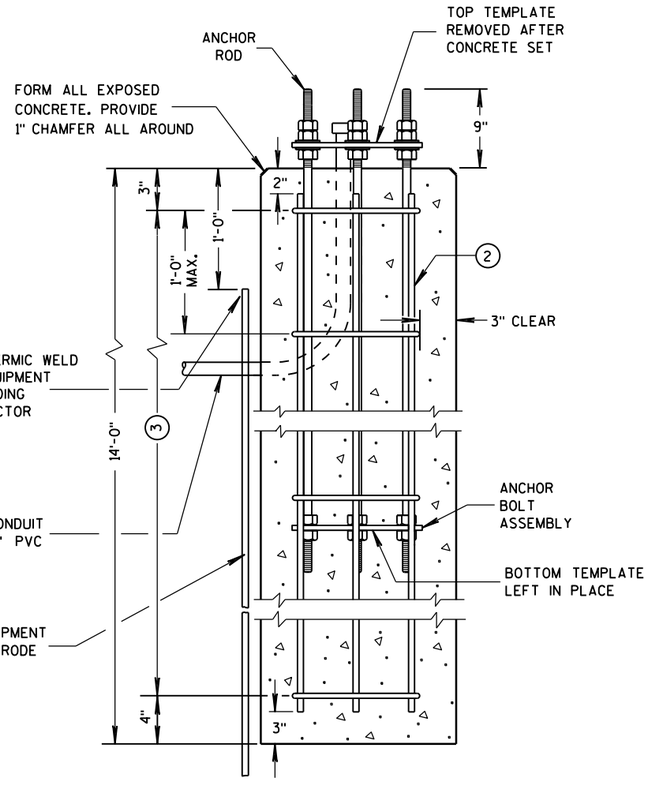
(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES, (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (6) NO. 6 X 13'-7" BAR STEEL REINFORCEMENT.

(3) (15) NO. 4 X 7'-4" BAR STEEL REINFORCEMENT @ 1'-0" MAX. C-C.

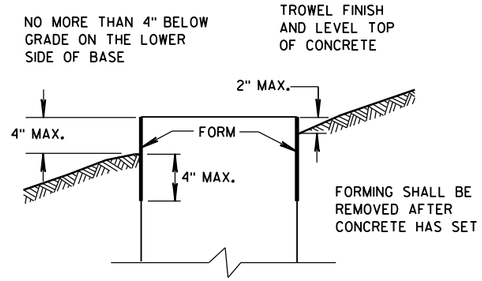
CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 641.2.2.3 OF THE STANDARD SPECIFICATION)	fy=55,000 p.s.i.
TEMPLATES, ASTM, A709 GRADE 36	fy=36,000 p.s.i.



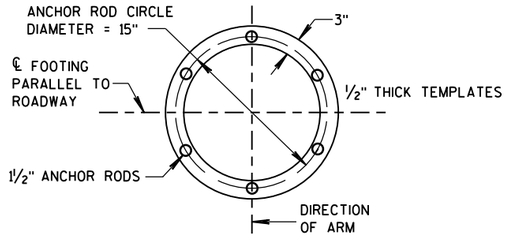


CONCRETE BASE TYPE 10
(FOR TYPE 9 & 10 POLES)

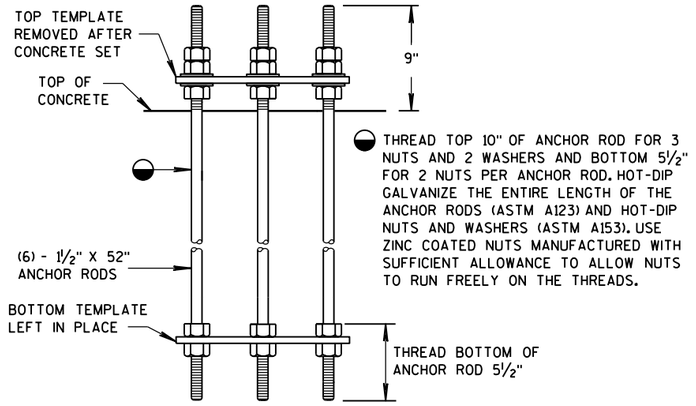
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATES



ANCHOR BOLT ASSEMBLY DETAIL

CONCRETE BASE TYPE 10
ANCHOR ASSEMBLY

QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	69
LBS. OF VERTICAL BAR STEEL	122

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2016 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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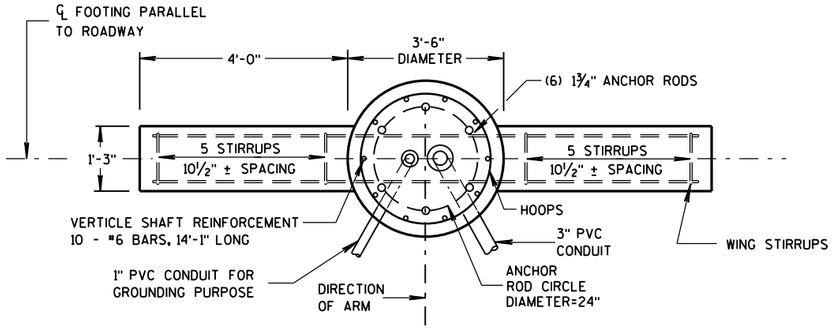
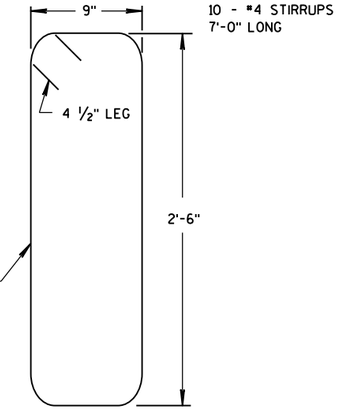
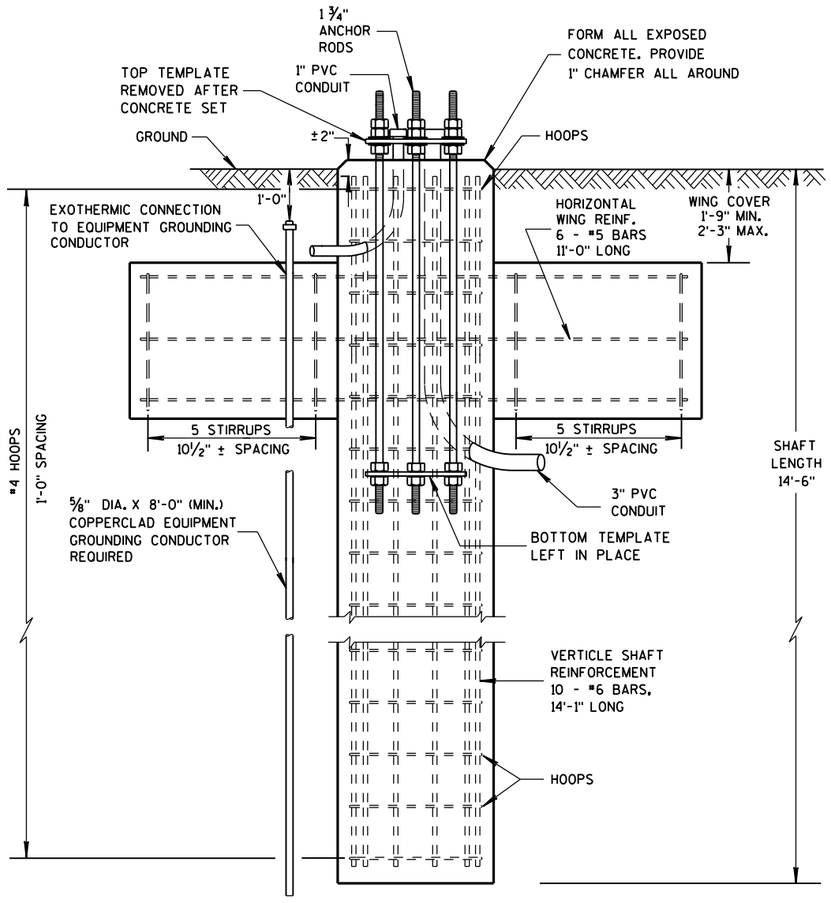
S.D.D. 9 C 11-9



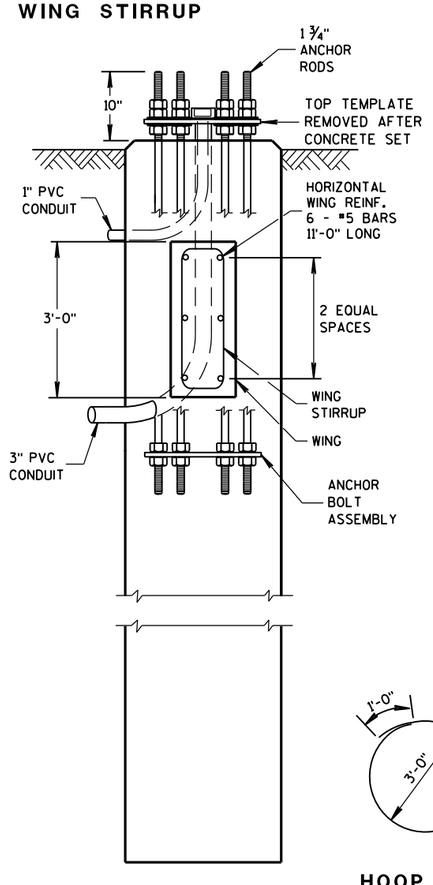
PLAN VIEW



WING STIRRUP

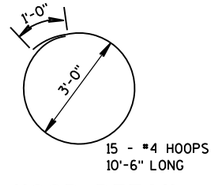


ELEVATION VIEW



SIDE VIEW

DOES NOT SHOW HOOPS OR VERTICAL SHAFT REINFORCEMENT



15 - #4 HOOPS 10'-6" LONG

HOOP DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF THE UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BASES (SHAFT), BELOW THE WING, SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUNG THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZE AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASE SHALL BE 4½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF THE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTOR FITTINGS, UL LISTED FOR ELECTRICAL USE, SHALL BE USED.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1-INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4-FOOT COIL OF WIRE ABOVE THE CONCRETE BASE, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS.

THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVEL WAY SHALL BE 24-INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18-INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36-INCHES, (GREATER THAN 36-INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 641.2.2.3 OF THE STANDARD SPECIFICATIONS	fy=55,000 p.s.i.
TEMPLATES, ASTM A709 GRADE 36	fy=36,000 p.s.i.

(FOR TYPE 12 & 13 POLES)

CONCRETE = 6.3 C.Y.
H.S. REINFORCEMENT = 433 LBS.

TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.
SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 13

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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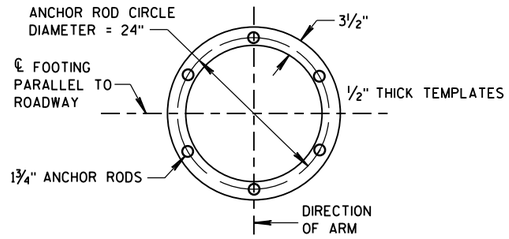
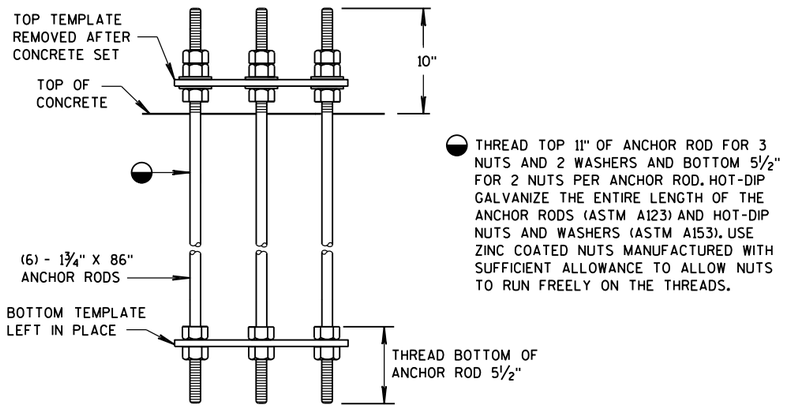
S.D.D. 9 C 12-8a

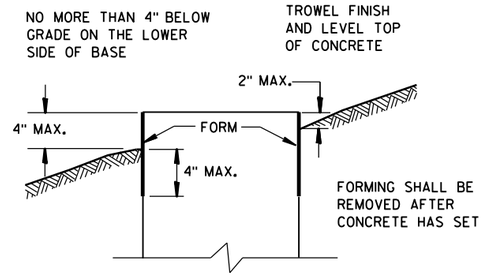


TOP AND BOTTOM TEMPLATES



ANCHOR BOLT ASSEMBLY DETAIL

CONCRETE BASE TYPE 13 ANCHOR ASSEMBLY



FORMING DETAIL

CONCRETE BASE TYPE 13

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2016 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
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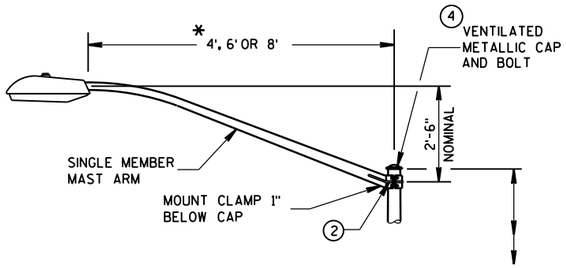
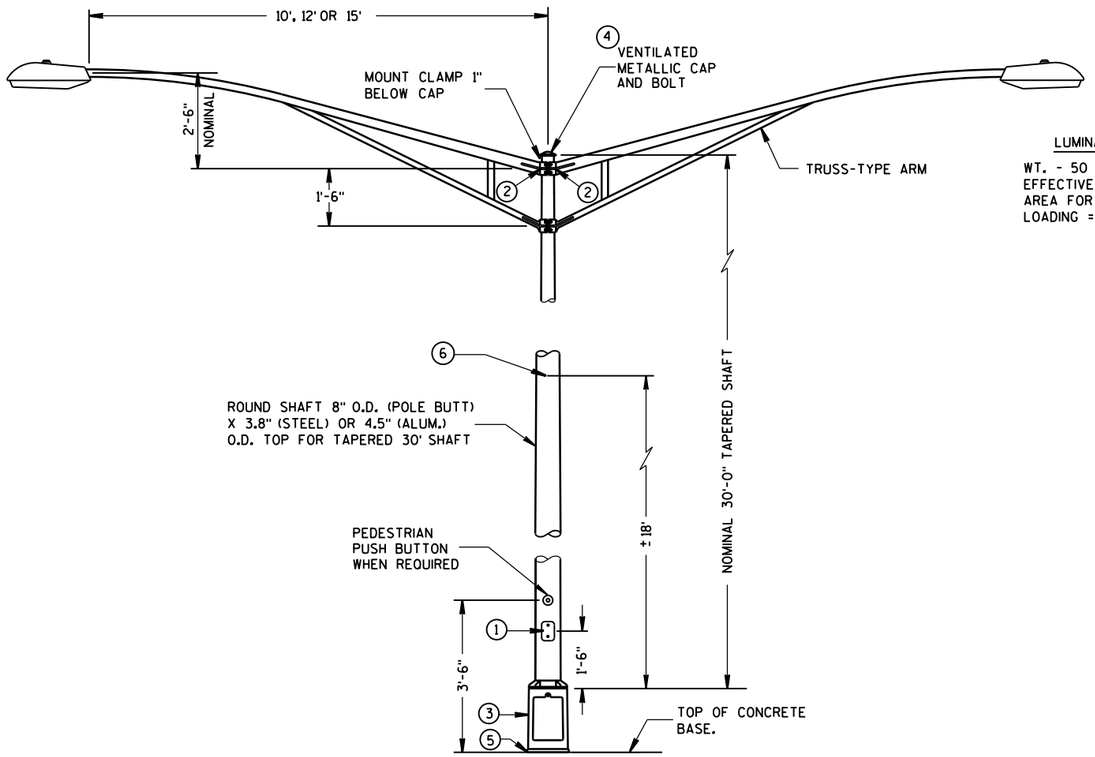
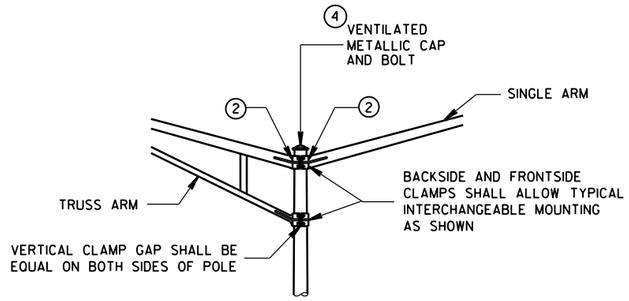
S.D.D. 9 C 12-8b

*RISE FOR 4' ARM SHALL BE 2'-0".





TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY



INTERCHANGEABLE MOUNTING DETAIL

LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED
AREA FOR WIND
LOADING = 1.5 SQ. FT.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.188".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONEECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

6

S.D.D. 9 E 1-14d

POLE MONTINGS FOR
LIGHTING UNITS, TYPE 5
(30 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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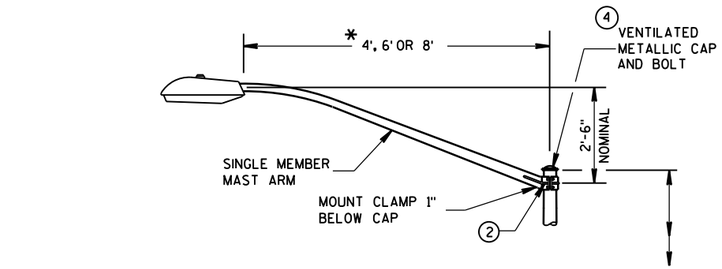
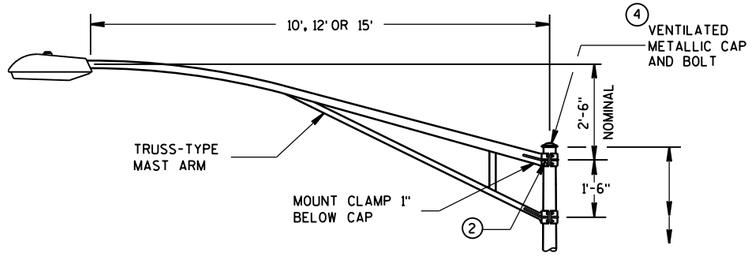
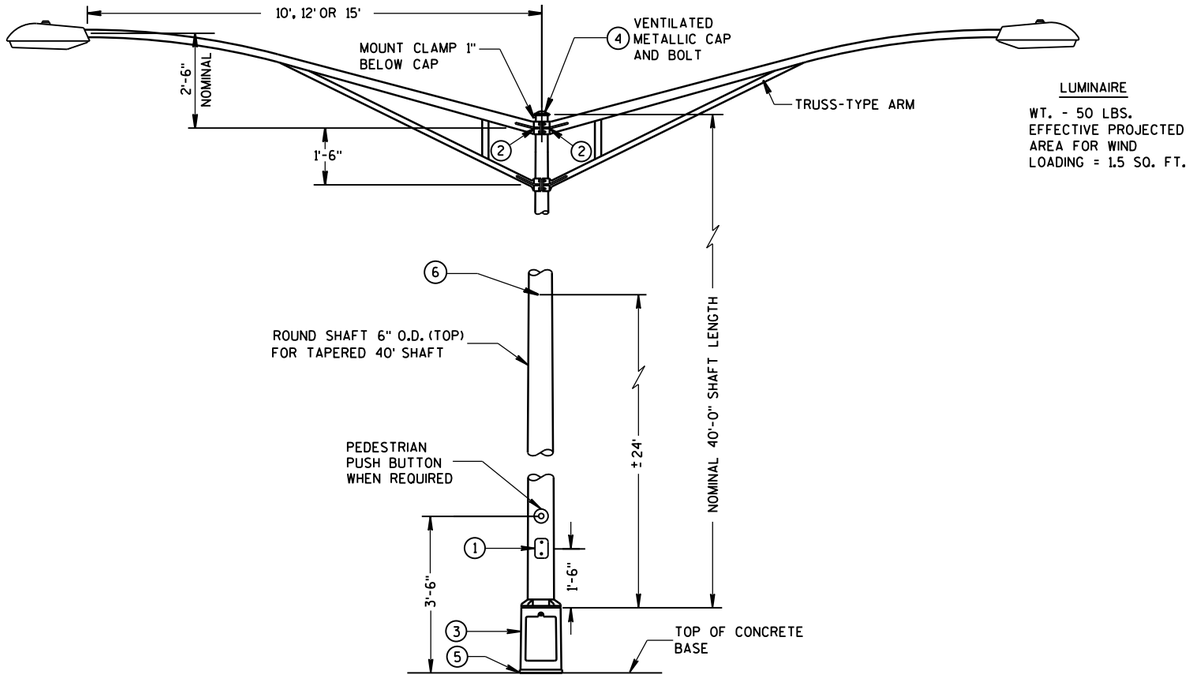
S.D.D. 9 E 1-14d

*RISE FOR 4' ARM SHALL BE 2'-0".

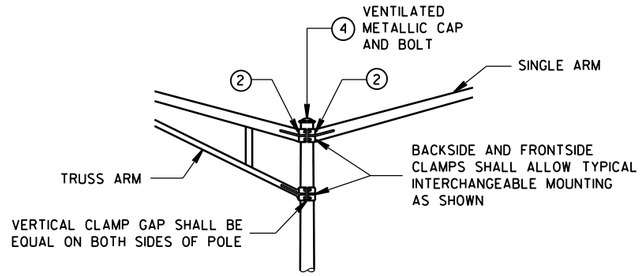






TYPE 17 POLE MOUNTING CONFIGURATION

(MAXIMUM LOAD)
LIGHTING ONLY



INTERCHANGEABLE MOUNTING DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL LUMINAIRE POLE MOUNTINGS SHALL BE DESIGNED FOR TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 17 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 17 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

THE SHOE BASE SHALL BE SLOTTED TO ACCEPT A 15" BOLT CIRCLE (14" X 16" SLOT) USING 1" ANCHOR RODS.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR A 1⅜" HOLE IN THE POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM FHWA APPROVED TRANSFORMER BASE WHEN REQUIRED, SHALL HAVE AN ULTIMATE STATIC LOAD STRENGTH OF AT LEAST 40,000 FT. - LBS.

(4) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

POLE MOUNTINGS FOR LIGHTING UNIT, TYPE 17 (40 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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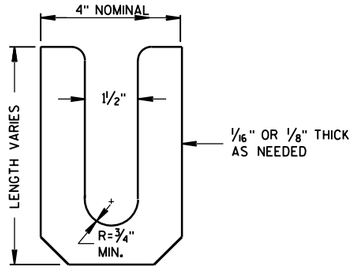
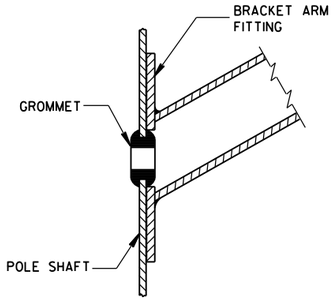
S.D.D. 9 E 1-14f

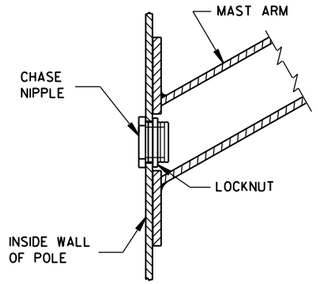


LEVELING SHIM (13)

SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

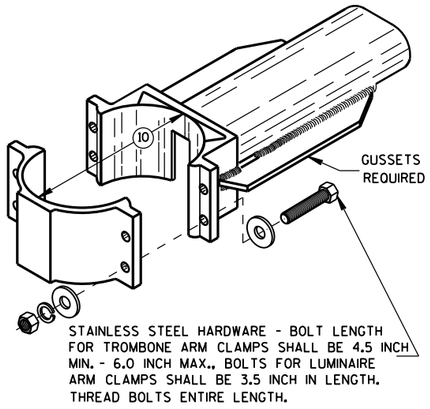
(10) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP.
6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(11) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

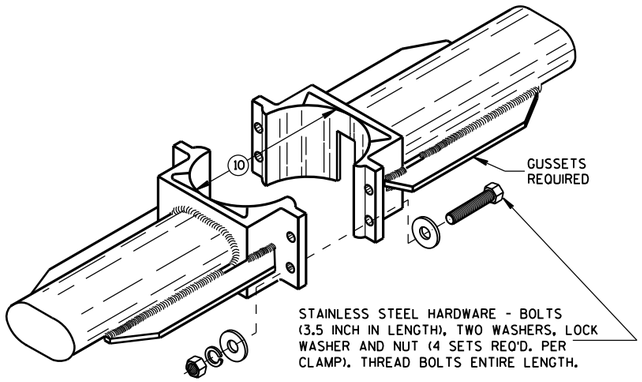
(12) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(13) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

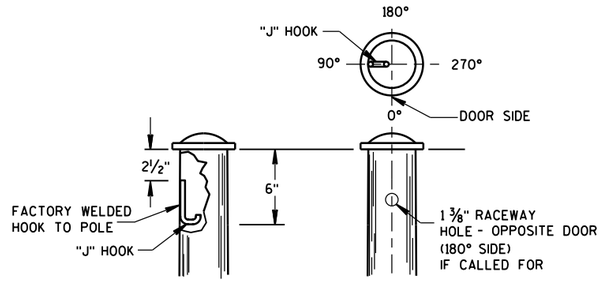
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



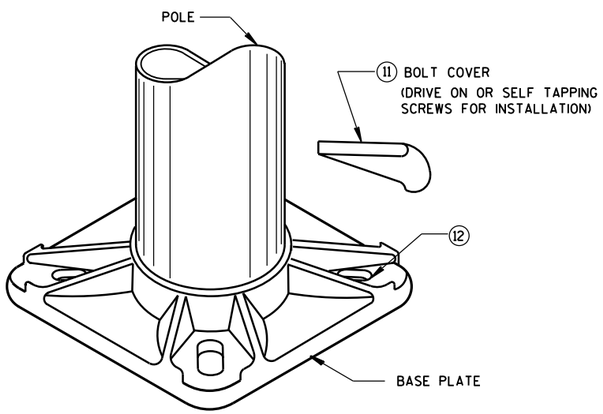
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



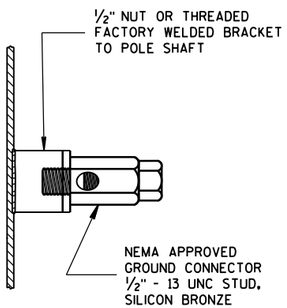
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

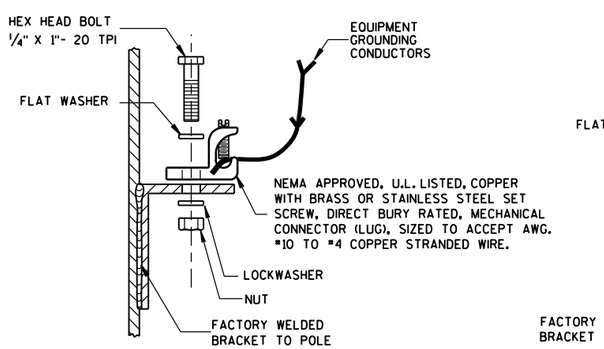


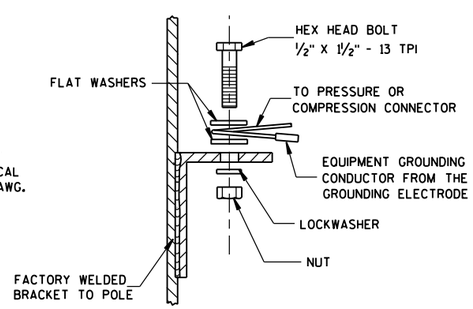
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Feb. 2015
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

FHWA

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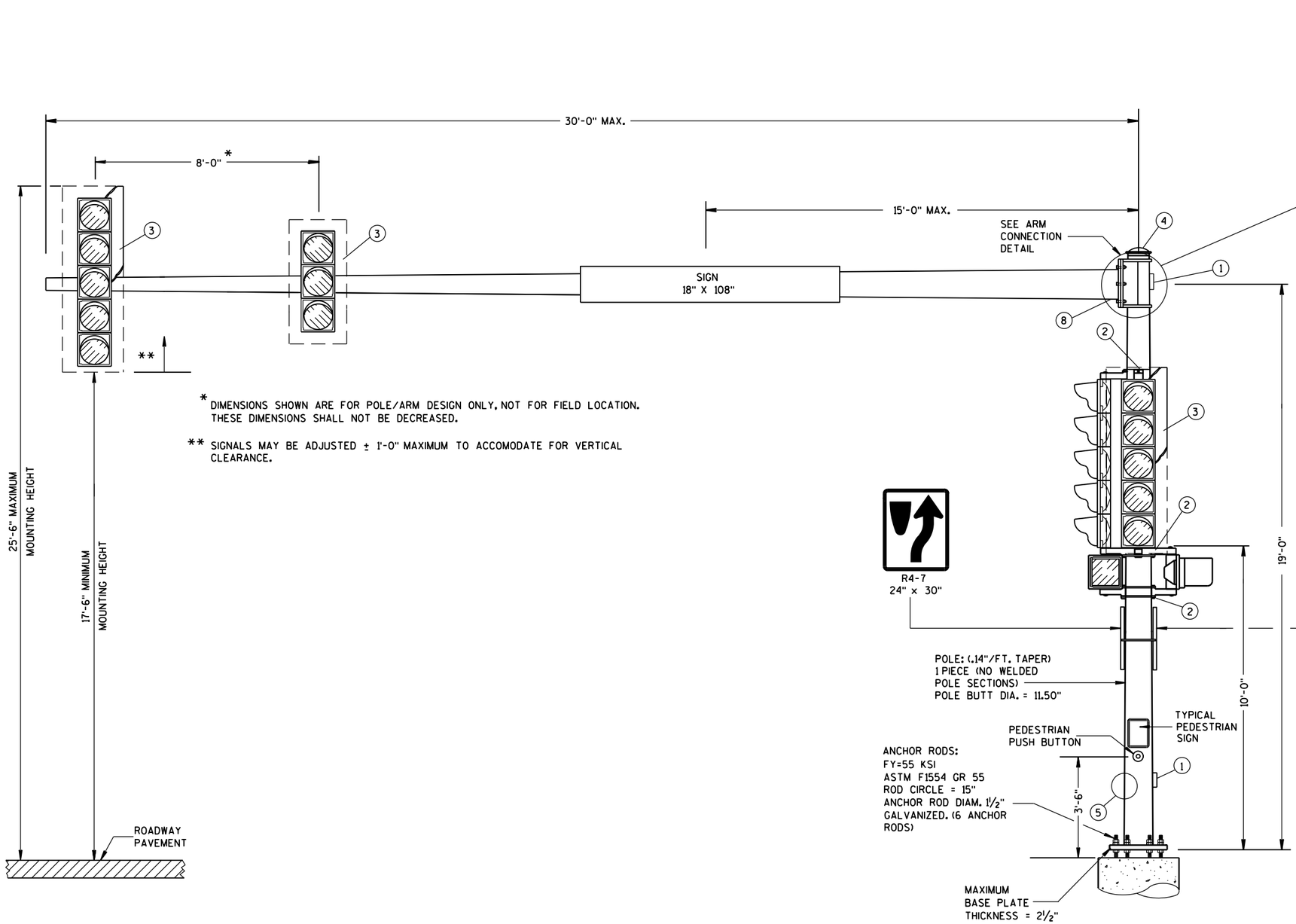
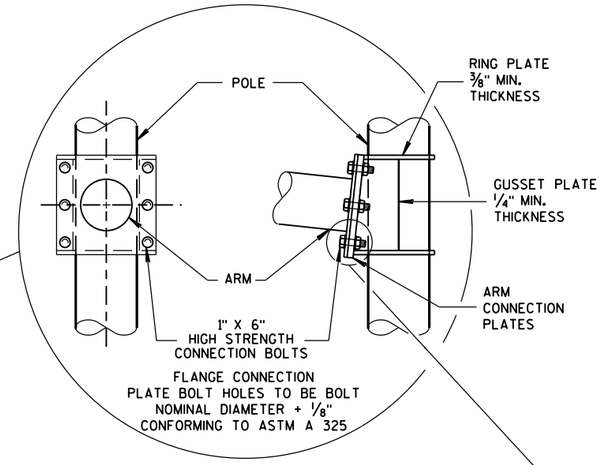
S.D.D. 9 E 1-14g

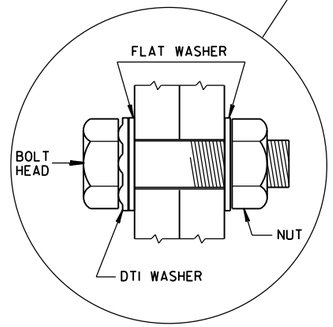


* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

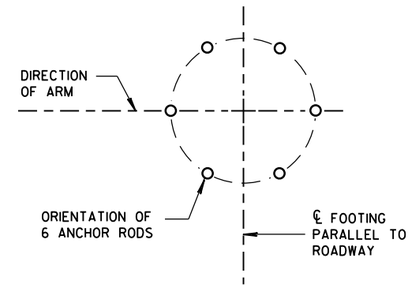
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

TYPE 9 POLE 15'- 30' MONOTUBE ARM

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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S.D.D. 9 E 8-8a

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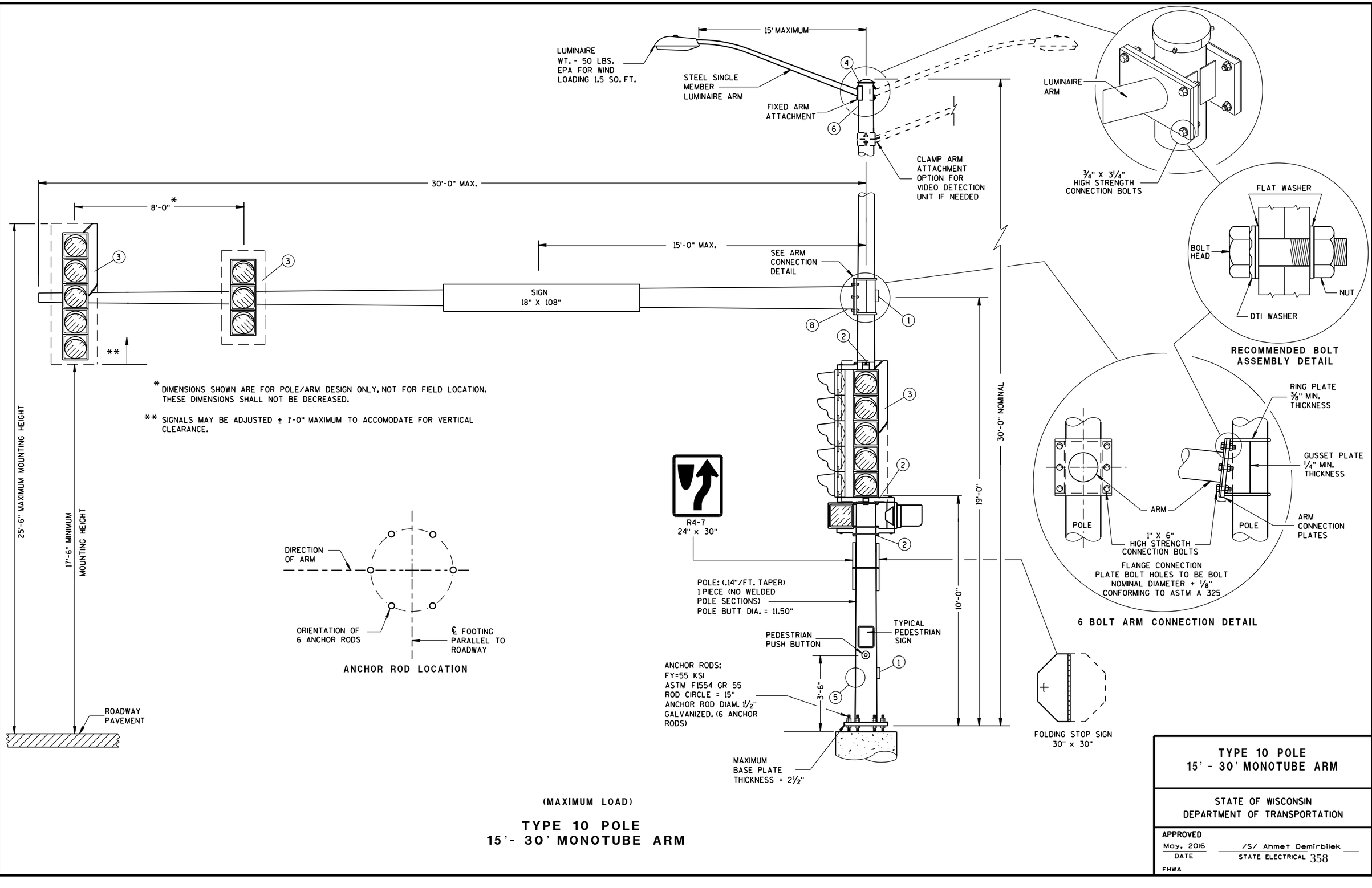
S.D.D. 9 E 8-8a



* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.

(MAXIMUM LOAD)

TYPE 10 POLE
15'- 30' MONOTUBE ARM

TYPE 10 POLE
15' - 30' MONOTUBE ARM

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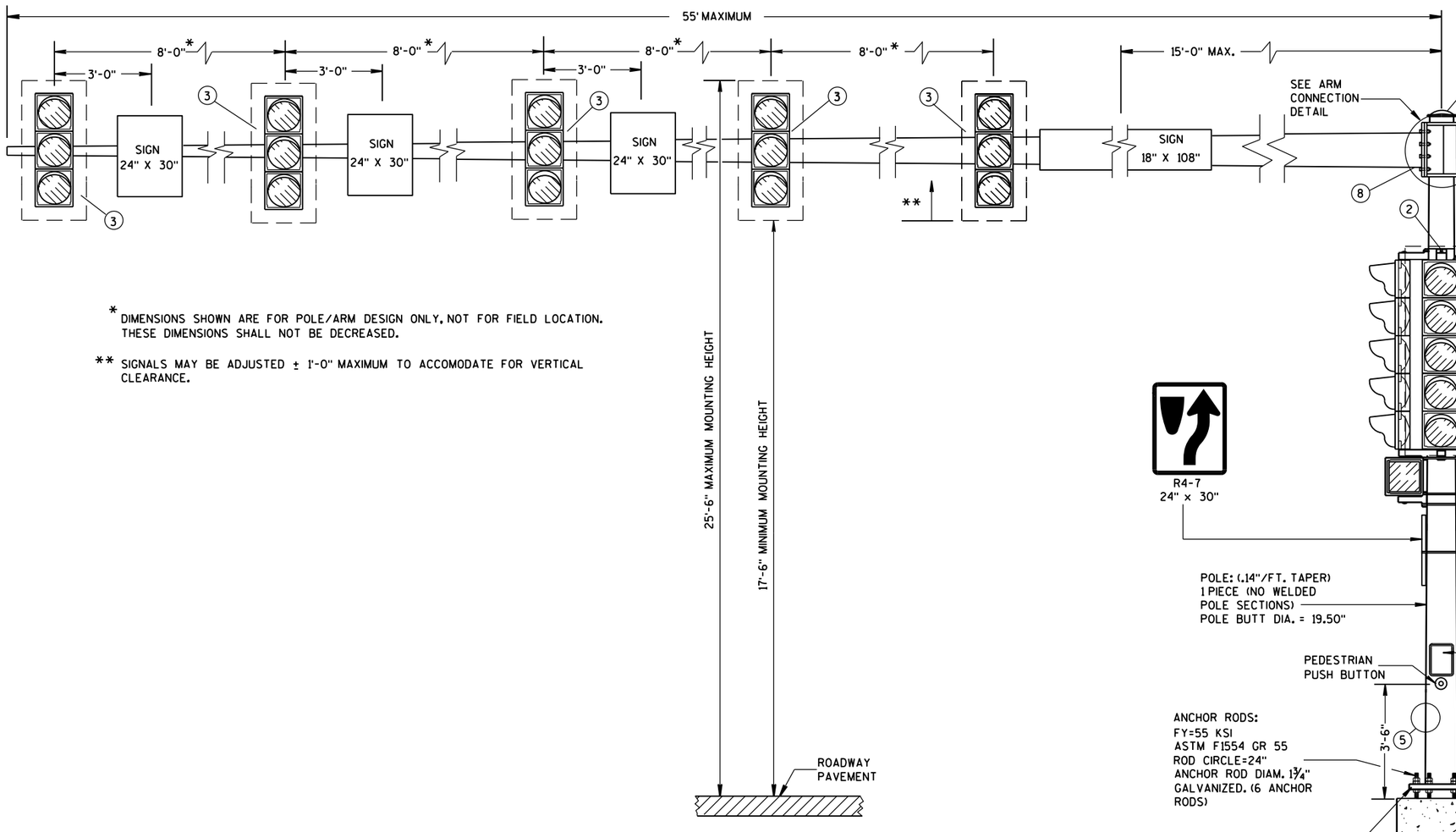
S.D.D. 9 E 8-8b



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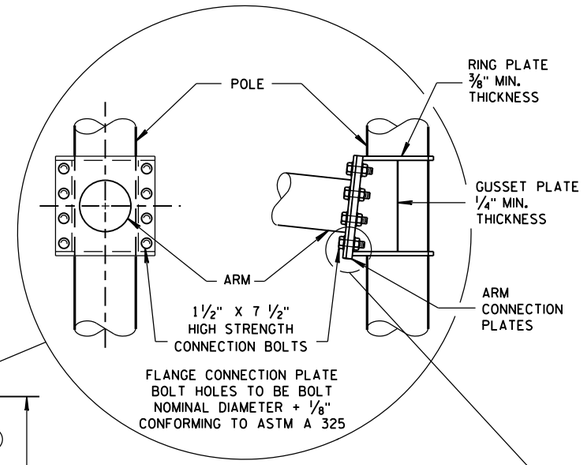
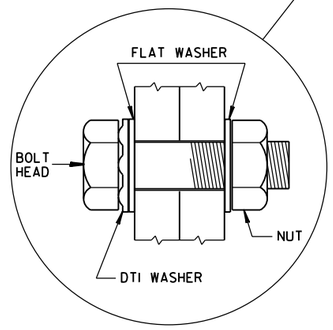
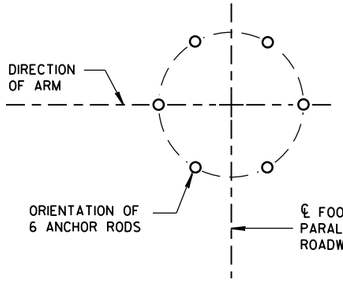
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



8 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

TYPE 12 POLE 35'- 55' MONOTUBE ARM

TYPE 12 POLE
35' - 55' MONOTUBE ARM

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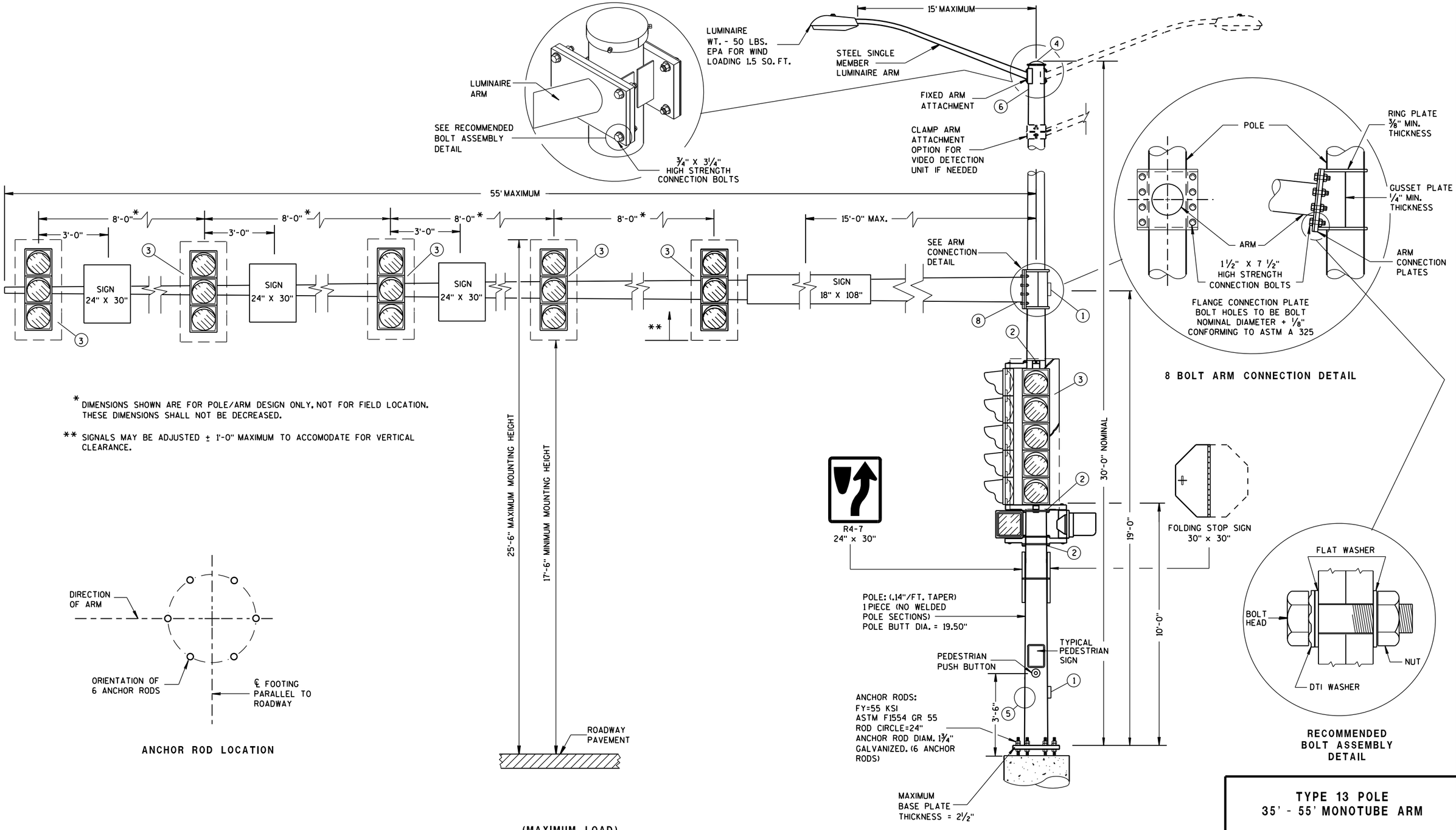

* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.

8 BOLT ARM CONNECTION DETAIL

RECOMMENDED BOLT ASSEMBLY DETAIL

ANCHOR ROD LOCATION

(MAXIMUM LOAD)

TYPE 13 POLE 35'- 55' MONOTUBE ARM

TYPE 13 POLE
35' - 55' MONOTUBE ARM

STATE OF WISCONSIN
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GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15-FOOT TO 30-FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35-FOOT TO 55-FOOT.

MONOTUBE POLE AND ARM SHALL BE GALVANIZED STEEL.

RING-STIFFENED BUILT-UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE (1) PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3 % ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO 2013 6TH EDITION AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR TRAFFIC AND LIGHTING STRUCTURES AND AS FOLLOWS:

- CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.
- CATEGORY II FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 12 AND TYPE 13 STRUCTURES.
- 90 MPH (3-SECOND GUST) WIND SPEED AND A 50 YEAR DESIGN LIFE.

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" S.S. BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR AS DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEADS AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HANDHOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING, (SEE SPECIFICATIONS SEC. 658).

(3) SECURELY MOUNT BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE END OF THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY-WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HANDHOLE, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

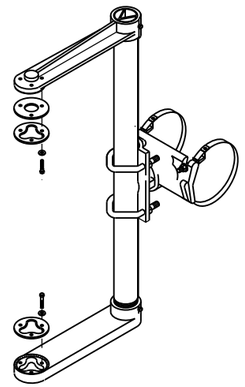
(6) FACTORY-WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

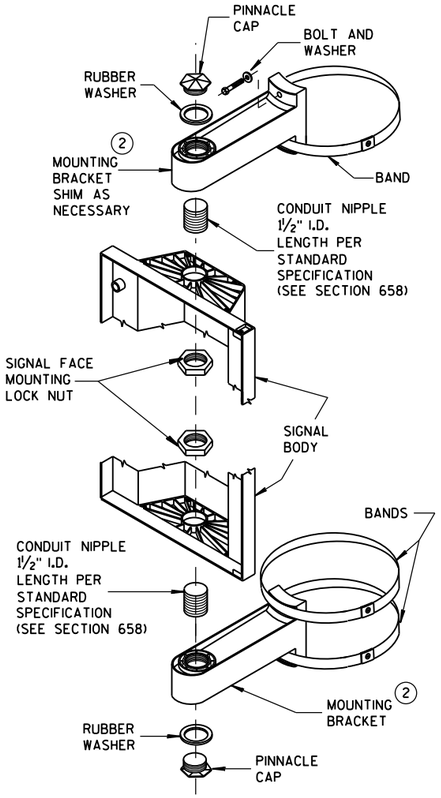
MOUNTING HEIGHT SHALL BE 6'-0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

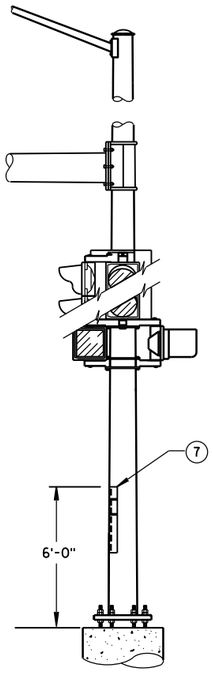


SIGNAL FACE MOUNTING BRACKET
DETAIL FOR MONOTUBE ARM

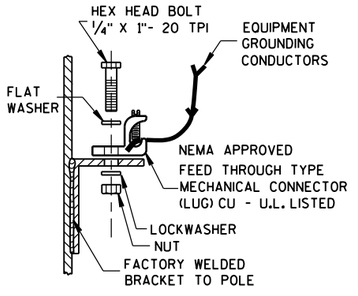
(MOUNT PER MANUFACTURER'S RECOMMENDATION)



SIGNAL FACE
VERTICAL MOUNTING DETAIL

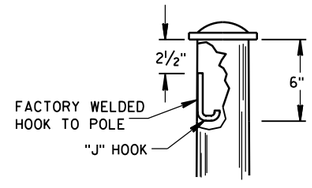


STRUCTURAL IDENTIFICATION
PLAQUE PLACEMENT



TYPICAL GROUNDING CONNECTIONS (5)

NUT, BOLT AND WASHERS SHALL
BE STAINLESS STEEL



"J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2016
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

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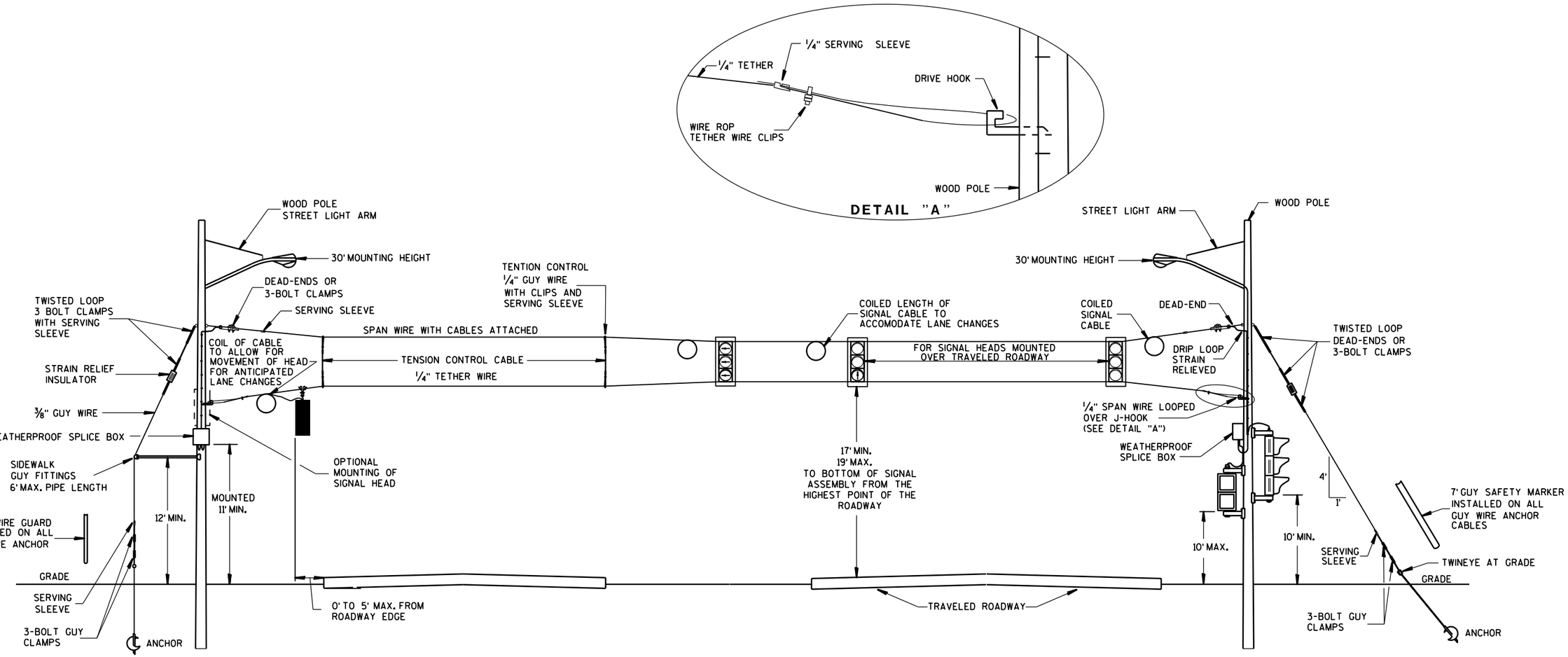
S.D.D. 9 E 8-8e



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED.
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.

SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

MINIMUM POLE LENGTHS	CLASS	MIN. BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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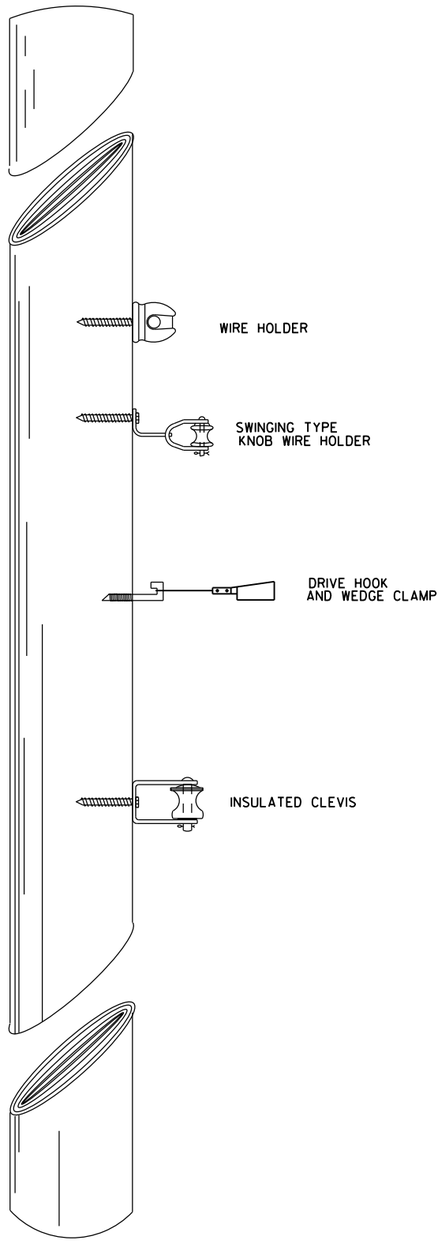
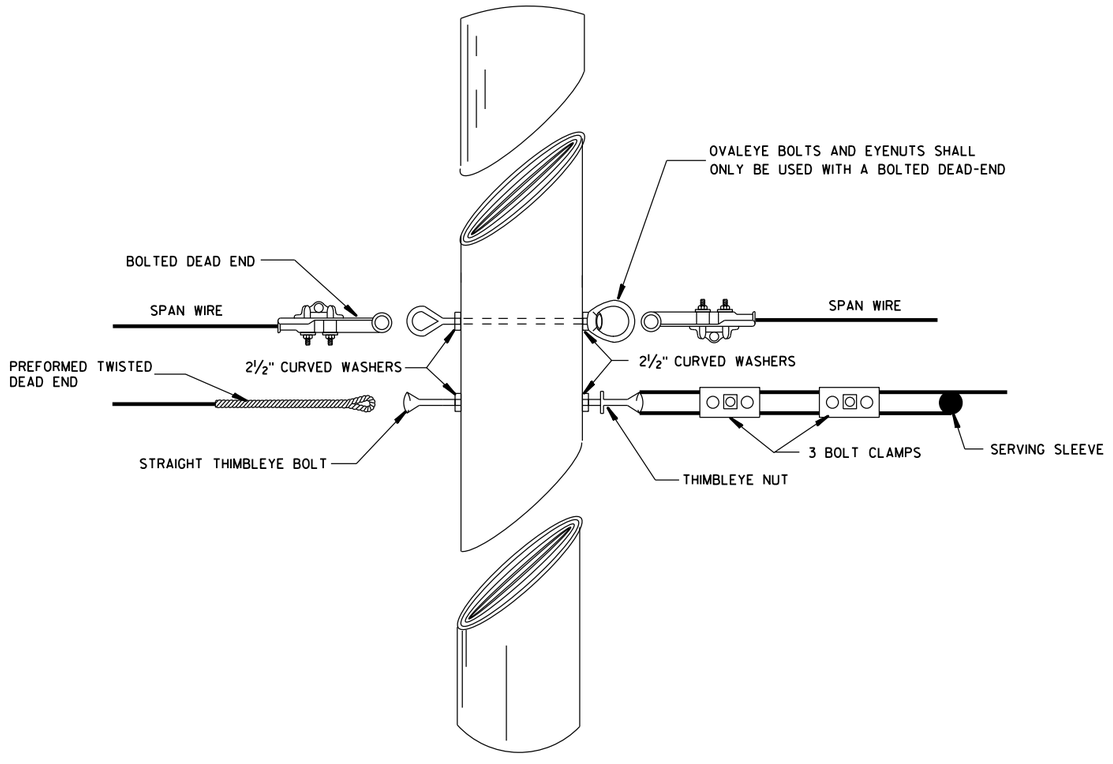


TYPICAL CABLE HANGERS



TYPICAL DEAD-ENDING

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
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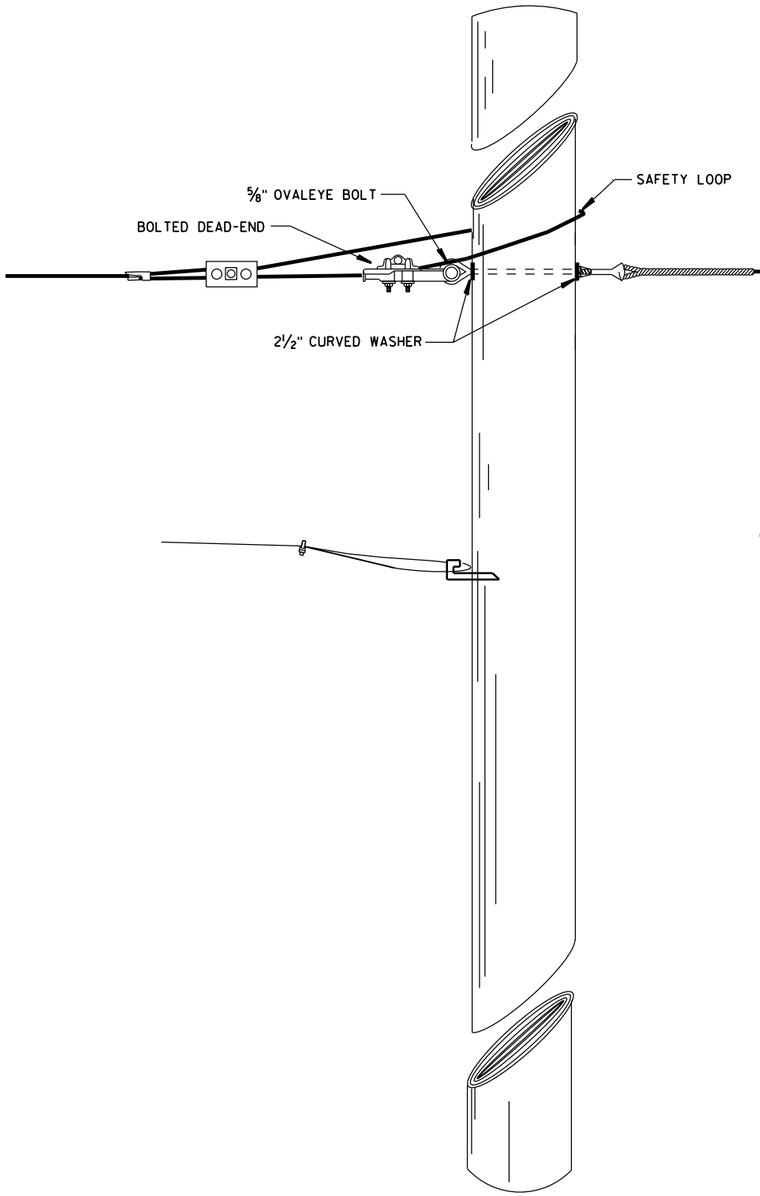
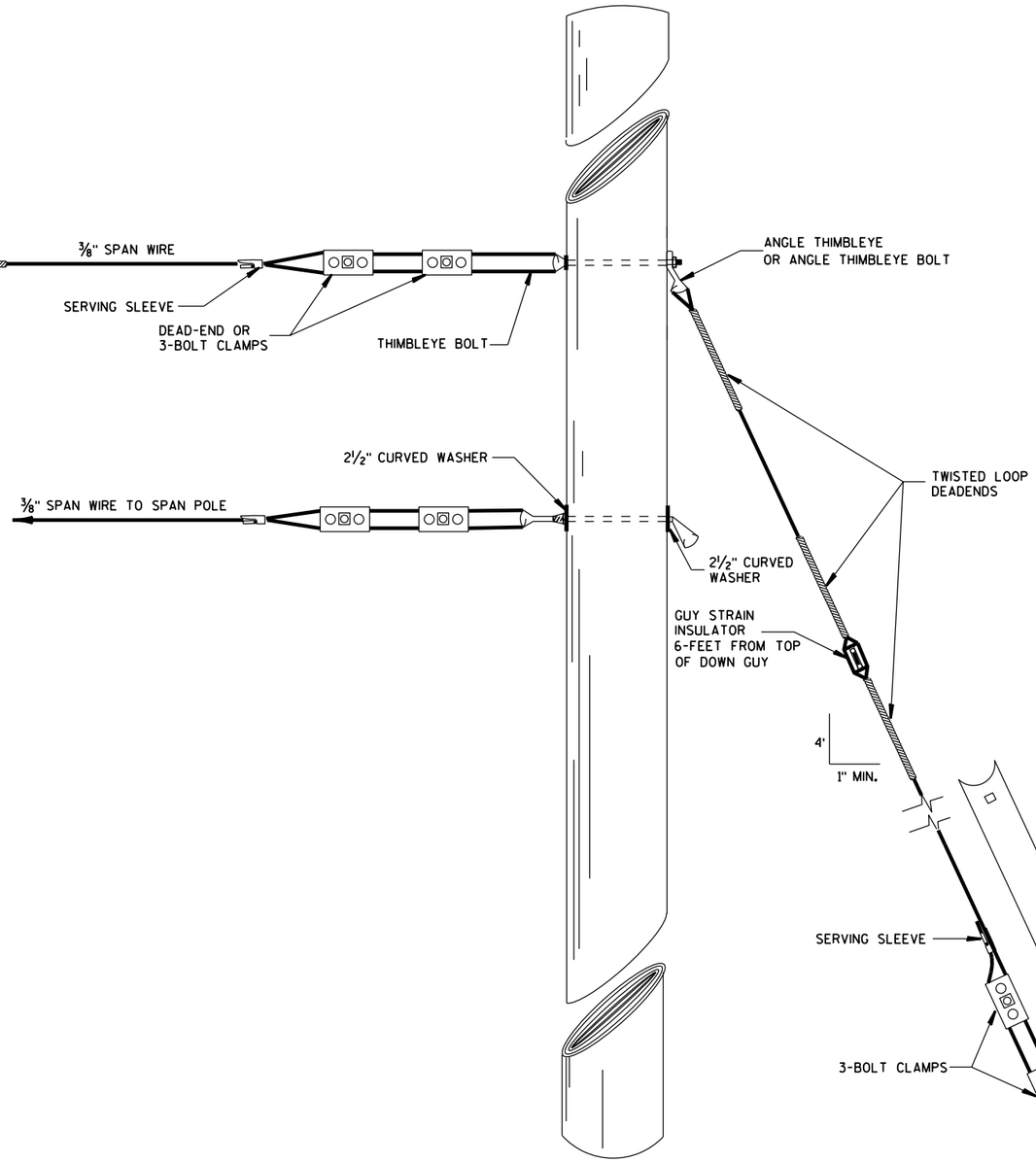
S.D.D. 9 G 1-4d

GENERAL NOTES

1. USE ¾" DRILL IN WOOD POLE TO PROVIDE HOLE FOR ⅝" BOLTS.
2. SAFTY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.



SPAN WIRE POLE



GUY POLE

TYPICAL DEAD-ENDINGS OR GUYING

SPAN WIRE TEMPORARY TRAFFIC SIGNAL
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED June. 2015 DATE /S/ Ahmet Demirbilek STATE ELECTRICAL

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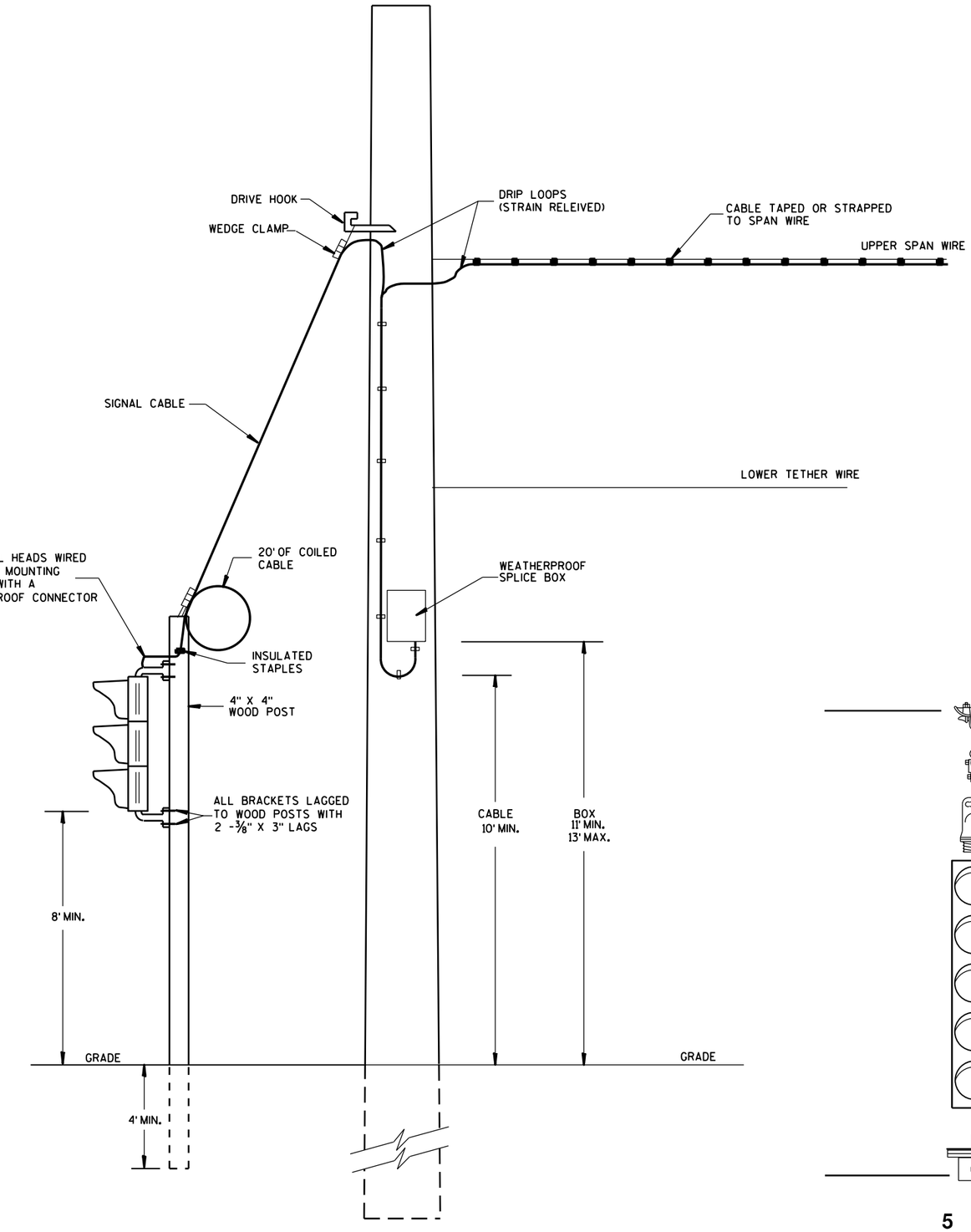
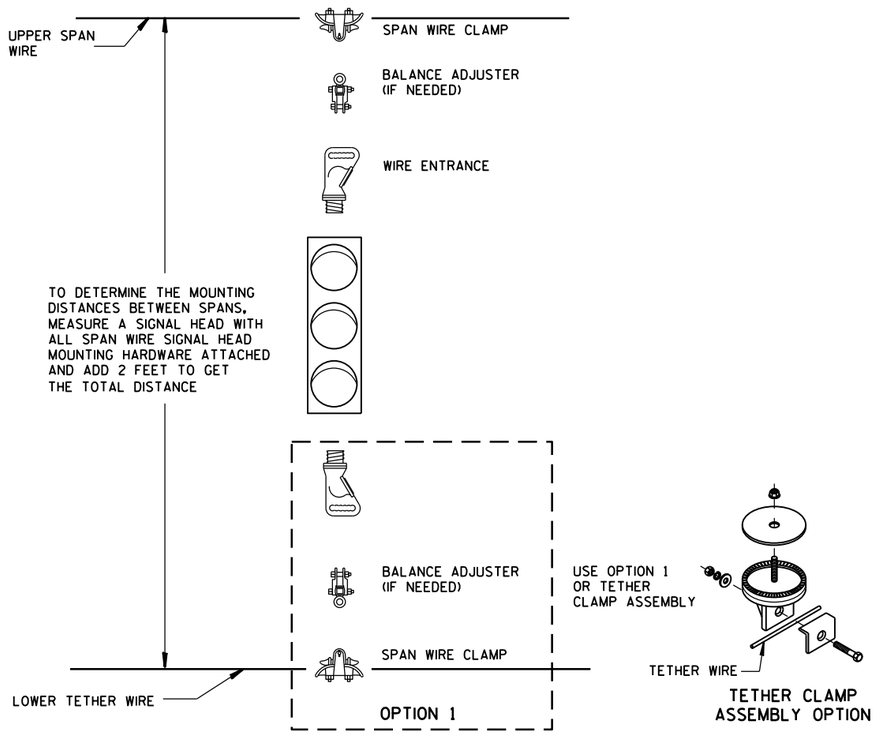
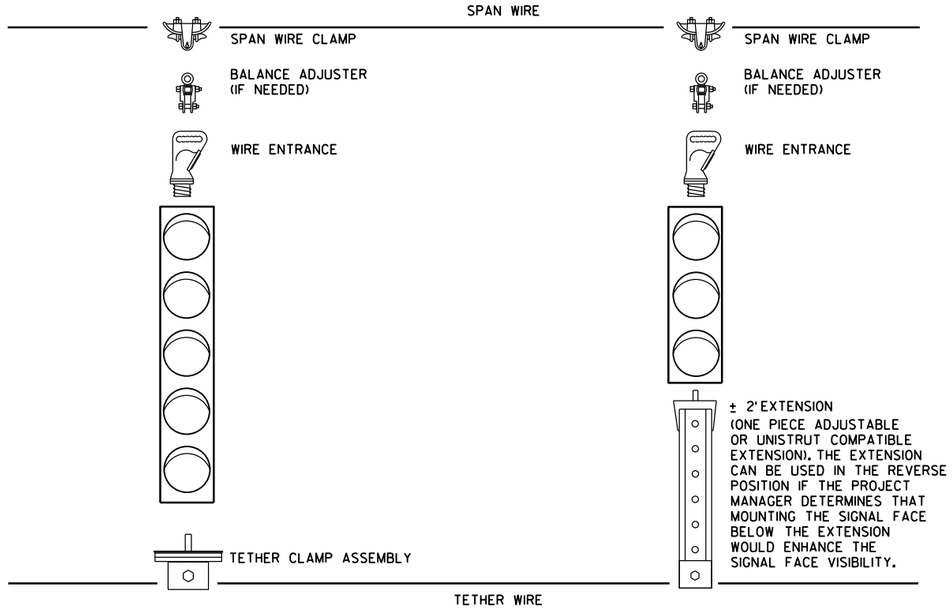


TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL



TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
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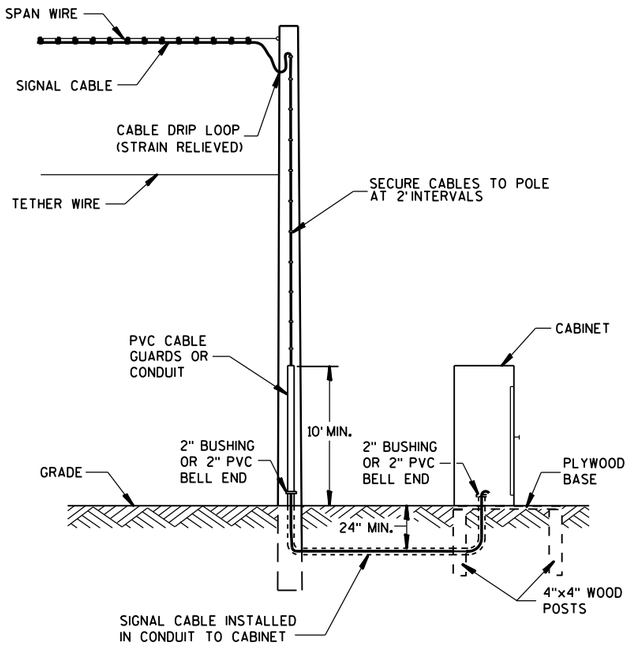
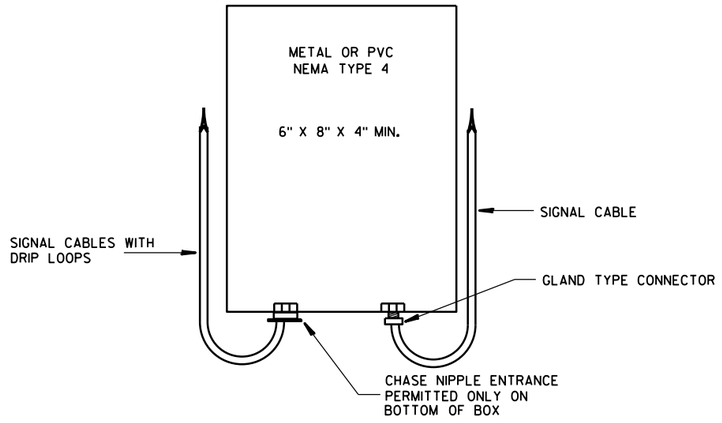
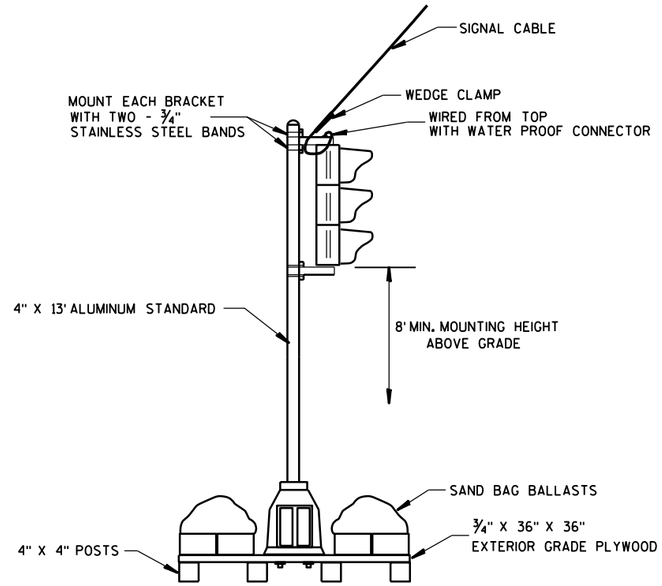
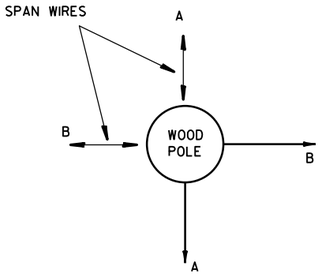




SPLICE BOX

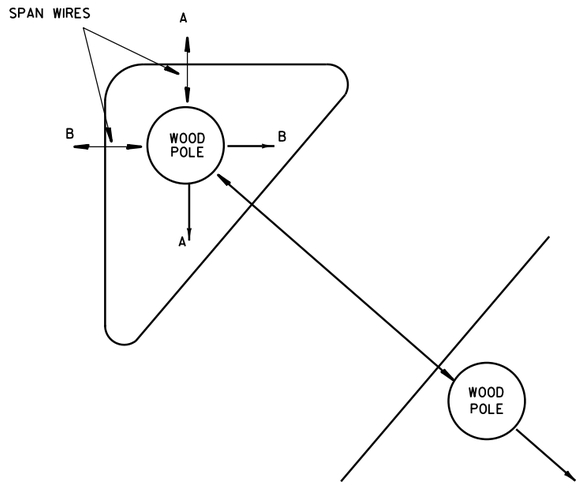


TYPICAL SKID TYPE TEMPORARY

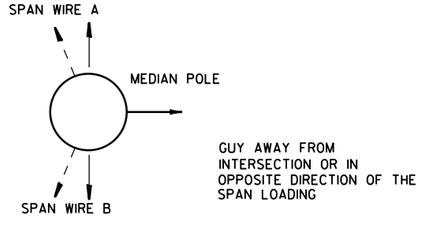


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF THE
SPAN LOADING

MEDIAN POLES

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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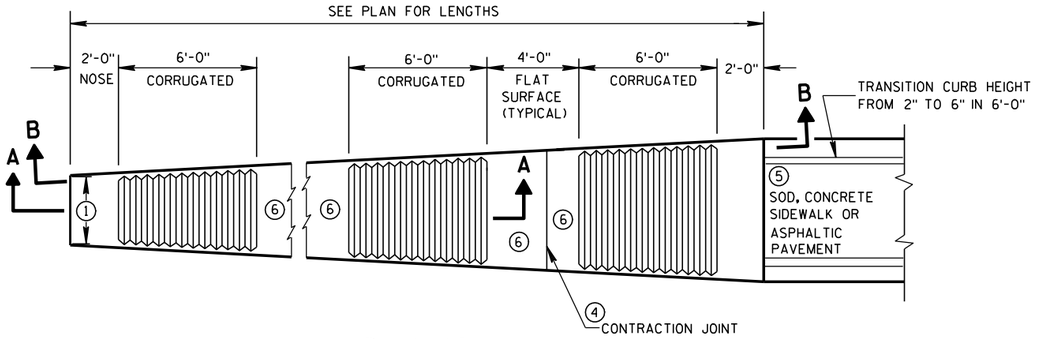
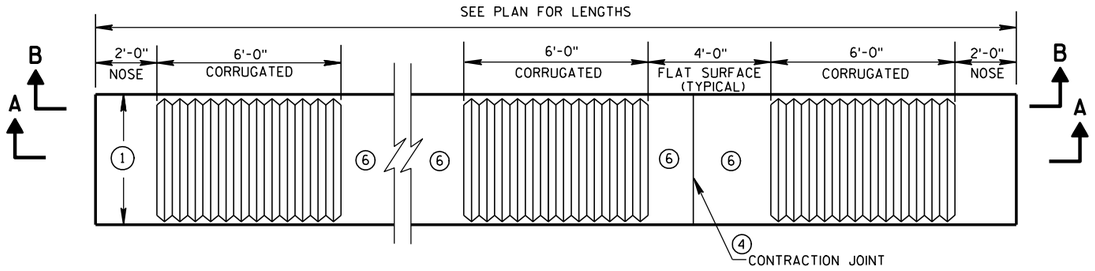


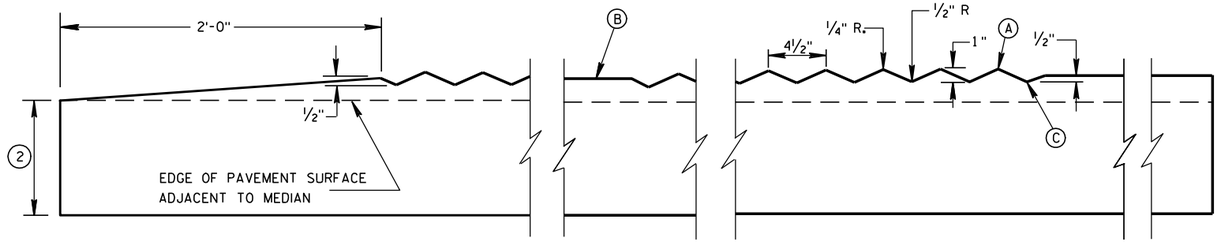
PLAN VIEW

VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN



PLAN VIEW

UNIFORM WIDTH CONCRETE CORRUGATED MEDIAN



SECTION A-A

LONGITUDINAL SECTION

GENERAL NOTES

(1) SEE PLANS FOR CONSTANT OR VARIABLE WIDTH.

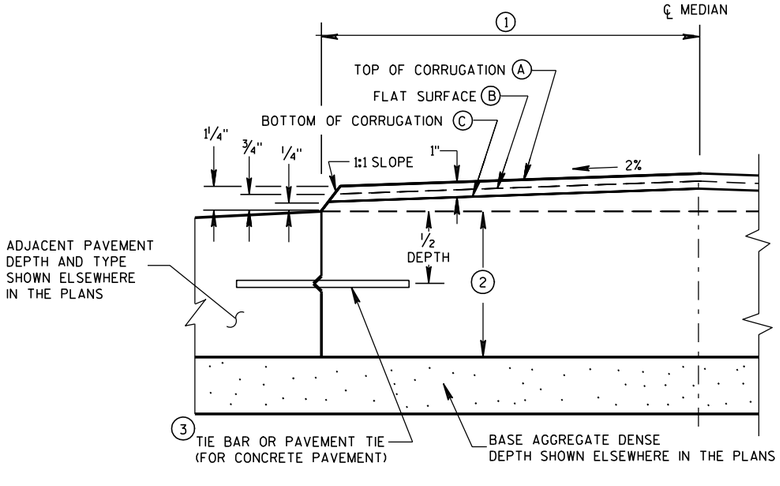
(2) THE DEPTH OF THE CONCRETE CORRUGATED MEDIAN SHALL BE 9-INCHES UNLESS SHOWN OTHERWISE IN THE PLAN.
ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:
(1) NEW OR EXISTING CONCRETE PAVEMENT.
(2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE, OR PAVEMENT.
(3) ASPHALTIC PAVEMENT OVER BASE AGGREGATE DENSE.

(3) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.
INSTALL TIE BARS TO MAINTAIN A MINIMUM OF 3-INCHES OF COVER BETWEEN THE TIE BAR AND THE CONCRETE SURFACE (BOTTOM AND TOP).
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE PAVEMENT OR CONCRETE BASE COURSE, PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(4) CONCRETE CORRUGATED MEDIAN CONTRACTION JOINTS SHALL BE CONSTRUCTED TO MATCH THE JOINTS IN ADJACENT CONCRETE PAVEMENT. WHERE ADJACENT PAVEMENT IS ASPHALT WITH BASE AGGREGATE DENSE. TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT 20 FOOT INTERVALS.

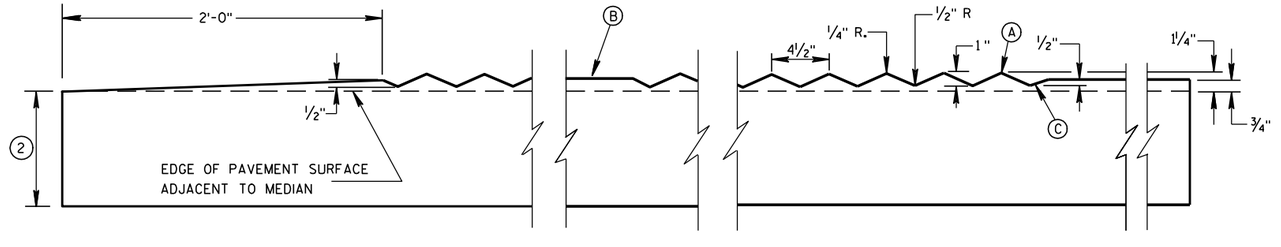
(5) SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.

(6) YELLOW MARKING ON FLAT SURFACE WHEN MEDIAN SEPARATES OPPOSING TRAFFIC.



HALF CROSS SECTION

(2) CONCRETE CORRUGATED MEDIAN AND ADJACENT PAVEMENT



SECTION B-B

LONGITUDINAL SECTION

CONCRETE CORRUGATED MEDIAN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/17/07
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

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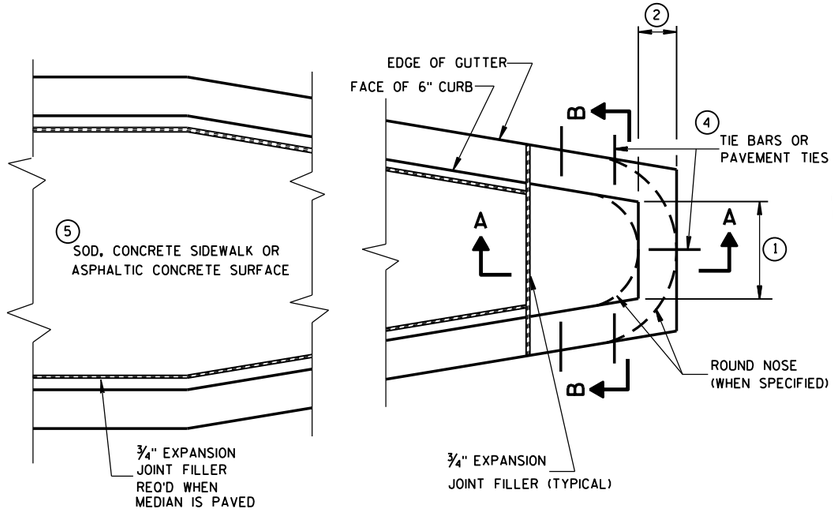
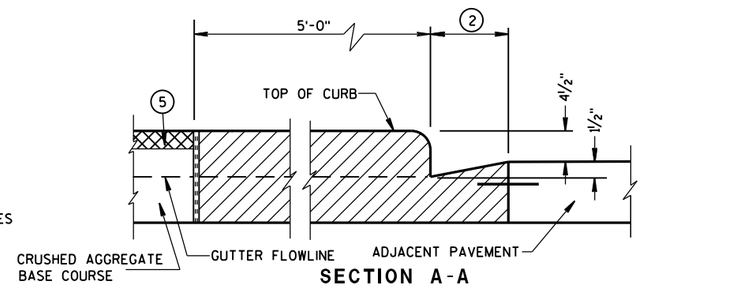
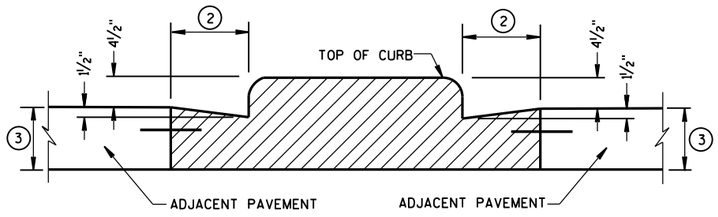
S.D.D. 11 B 1-5







CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

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.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

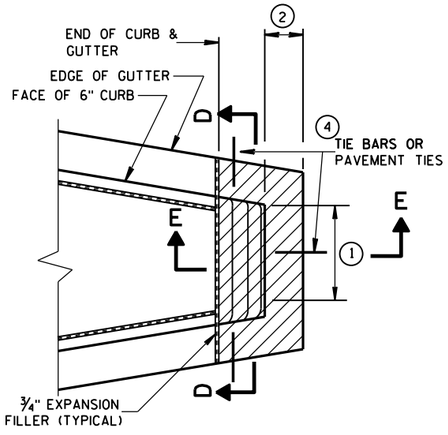
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

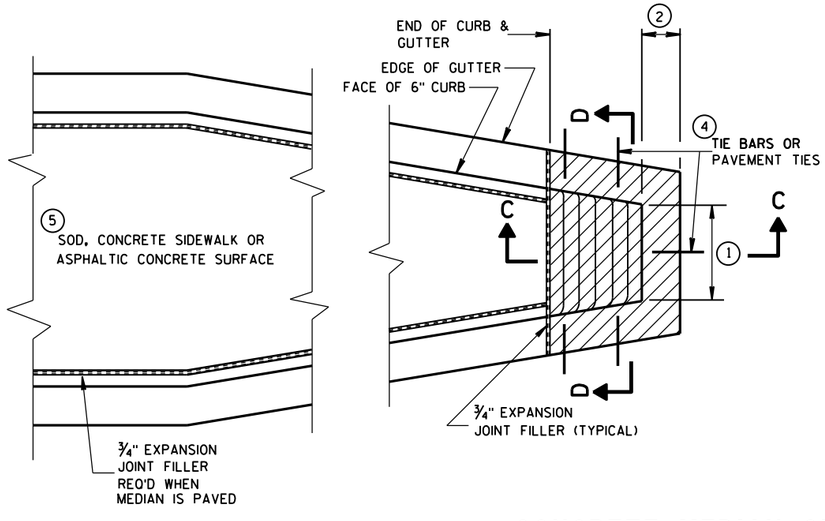
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

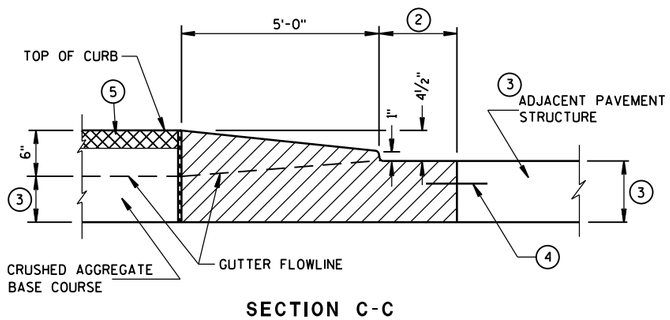
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

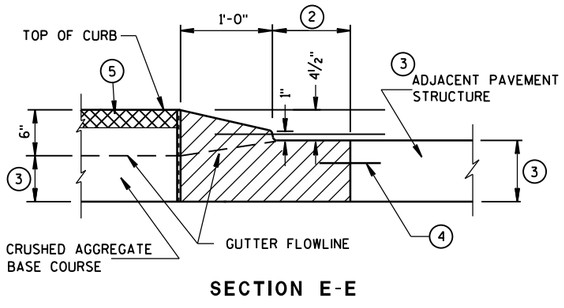
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



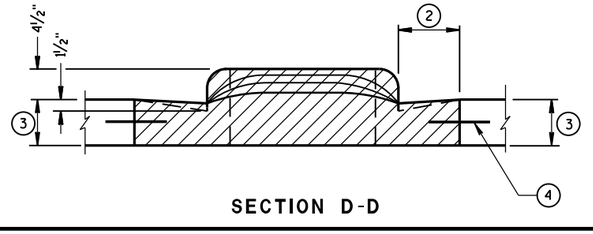




CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 11 B 2-2

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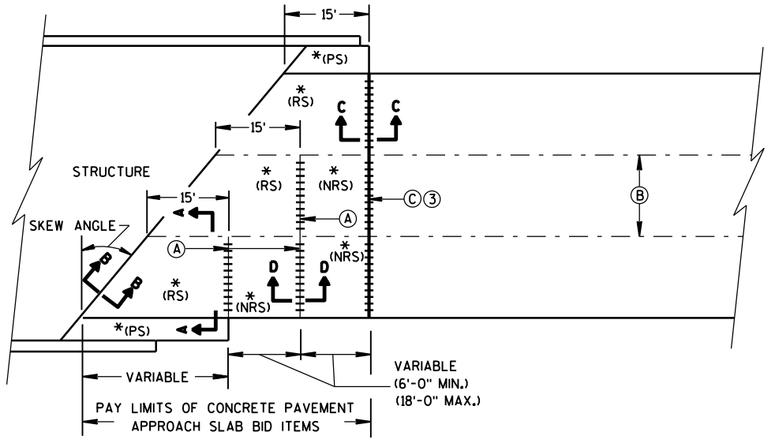
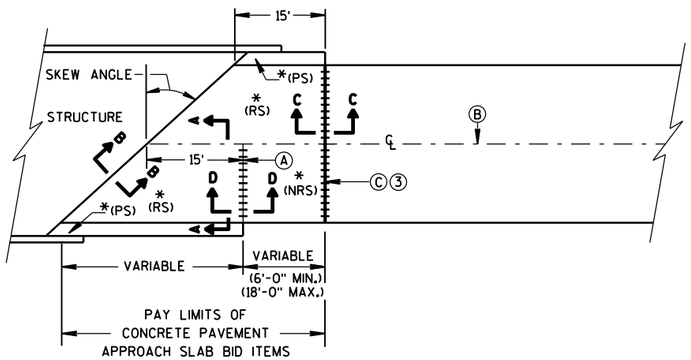
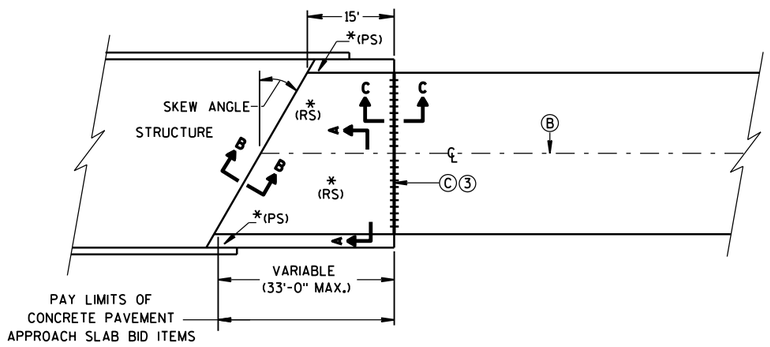


SKEWED APPROACH
(PAVEMENT MORE THAN 2 LANES)



SKEWS >20°
(PAVEMENT WIDTH ≤30')



SKEWS ≤20°
(PAVEMENT WIDTH ≤30')

APPROACH SLAB AND ADJACENT PAVEMENT

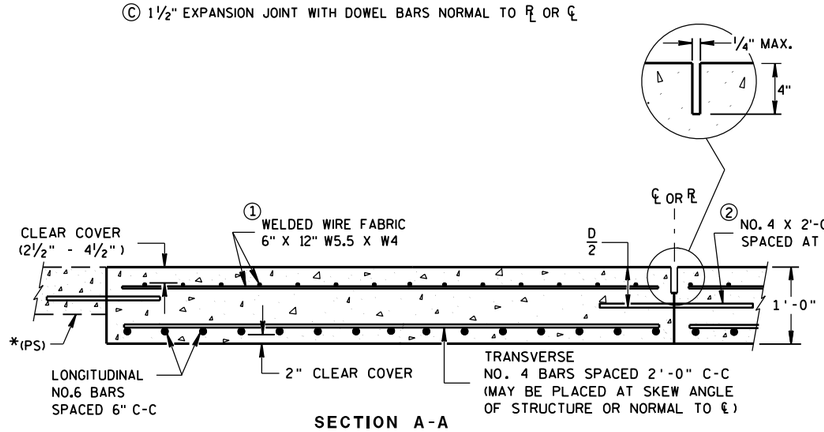
*(RS) = REINFORCED CONCRETE SLAB
*(PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB
(SEE DETAILS ELSEWHERE IN THE PLAN)
*(NRS) = NON-REINFORCED CONCRETE SLAB

***STANDARD DOWEL BAR DIAMETER
(SEE SDD 13C11, & SDD 13C13)

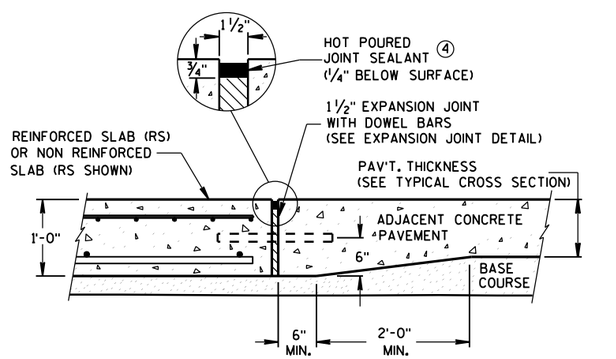
Ⓐ STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℄

Ⓑ STANDARD LONGITUDINAL JOINT WITH TIE BARS.

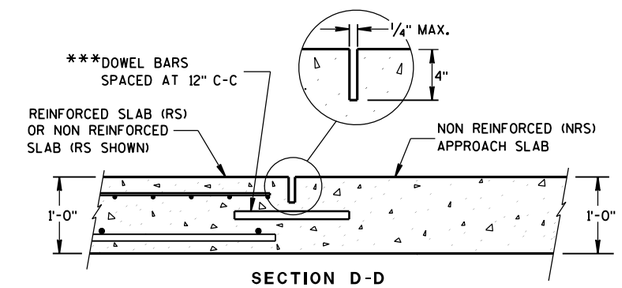
Ⓒ 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄



SECTION A-A
REINFORCEMENT POSITIONING DETAIL



SECTION C-C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT



SECTION D-D
CONTRACTION JOINT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

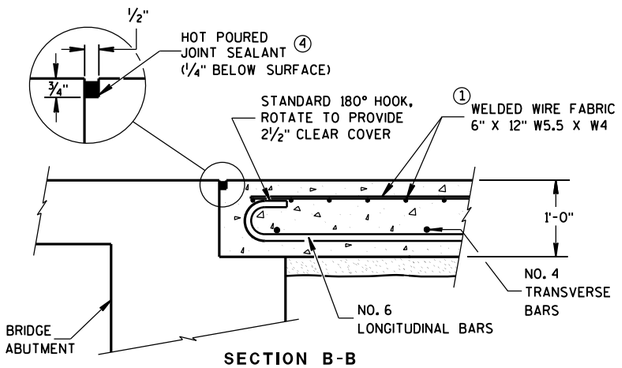
① THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2'-0" C-C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

② THE CONTRACTOR MAY OMIT TIE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

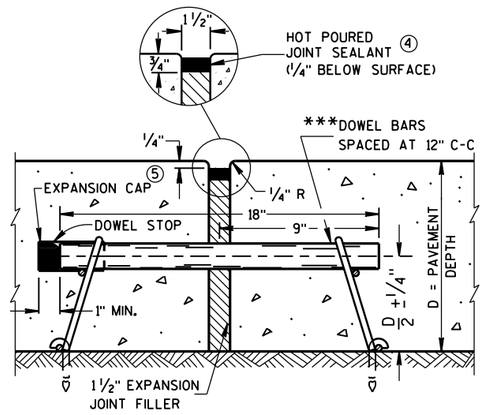
③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

④ USE A JOINT SEALANT MEETING THE REQUIREMENTS OF ASTM D6690.

⑤ PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.



SECTION B-B
BEND DETAIL
BOTTOM REINFORCEMENT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPER
FHWA

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S.D.D. 13 B 2-8a

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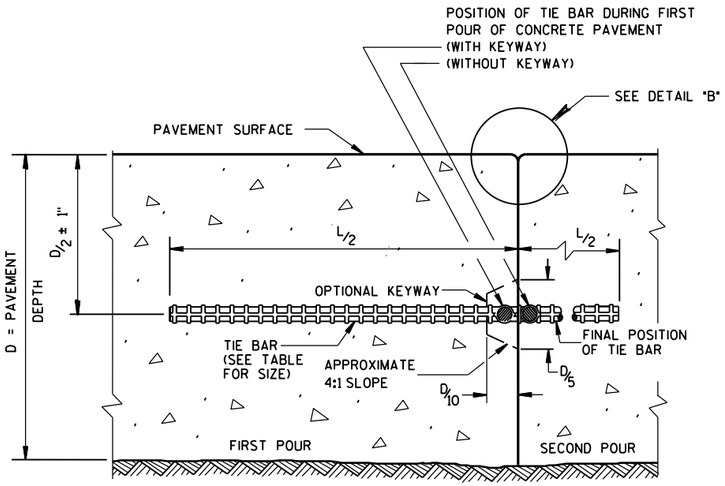
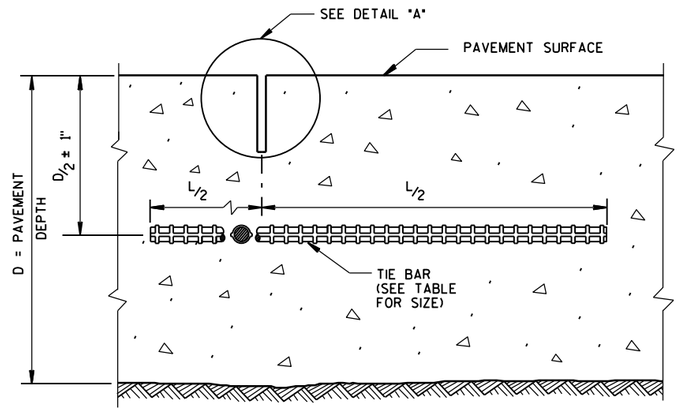
S.D.D. 13 B 2-8a



CONSTRUCTION JOINT



SAWED JOINT

GENERAL NOTES

DO NOT SEAL OR FILL LONGITUDINAL JOINTS.

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

PLAN VIEW

SECTION A-A

LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

DETAIL "A"

DETAIL "B"

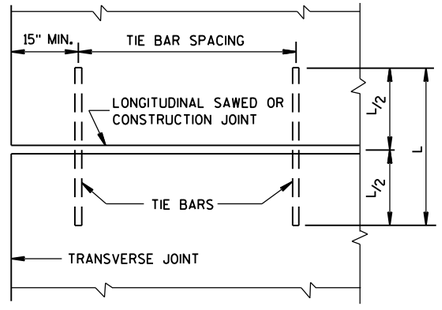
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

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S.D.D. 13 C 1-18

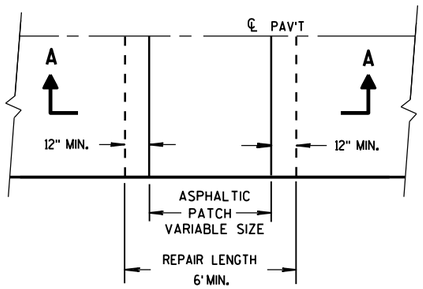
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

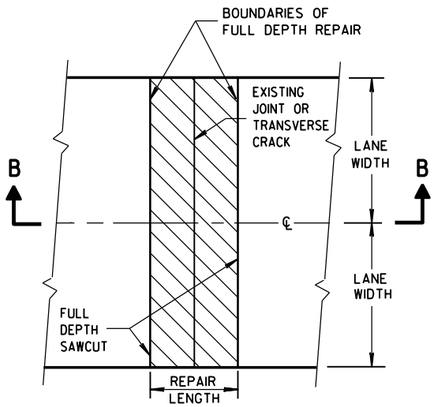
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

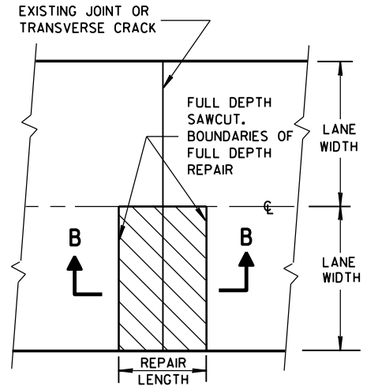
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW

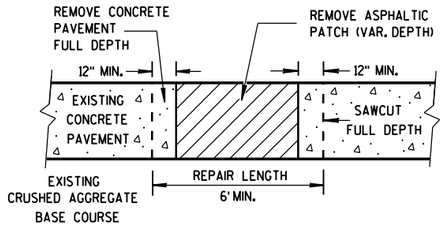


PLAN VIEW
(DOUBLE LANE REPAIR)



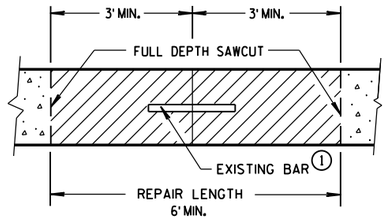
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION A-A

HMA PATCH REMOVAL



SECTION B-B

CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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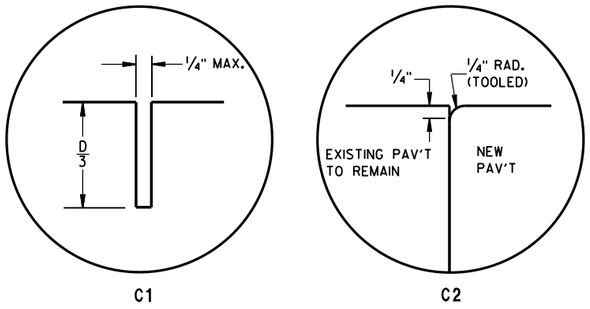
S.D.D. 13 C 9-14a



C1 C2

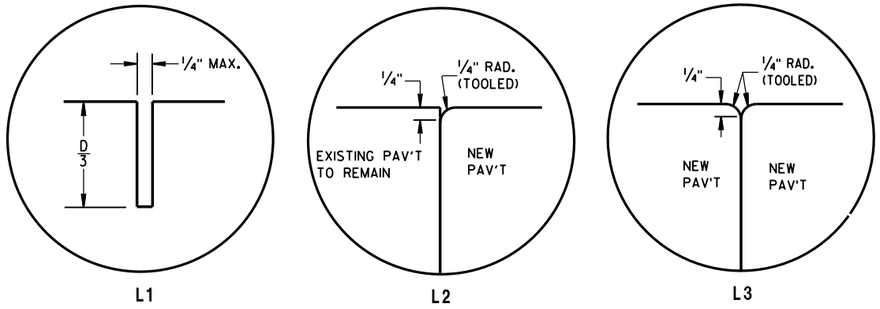
TRANSVERSE JOINTS

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

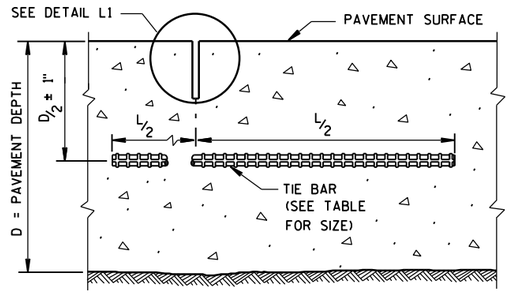
* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



L1 L2 L3

LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

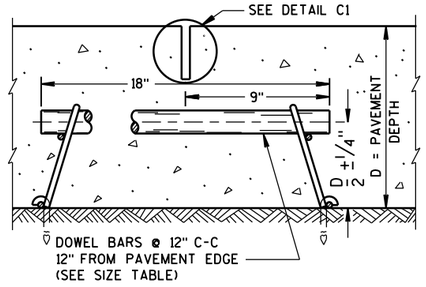
CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

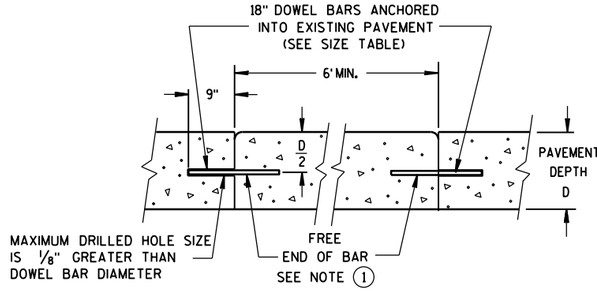
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

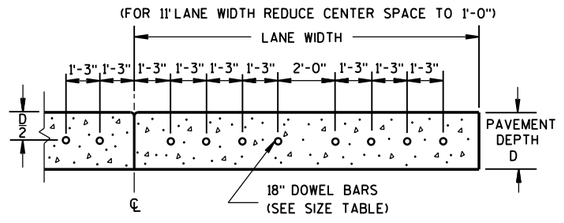


SECTION F-F

CONTRACTION JOINT



SECTION D-D

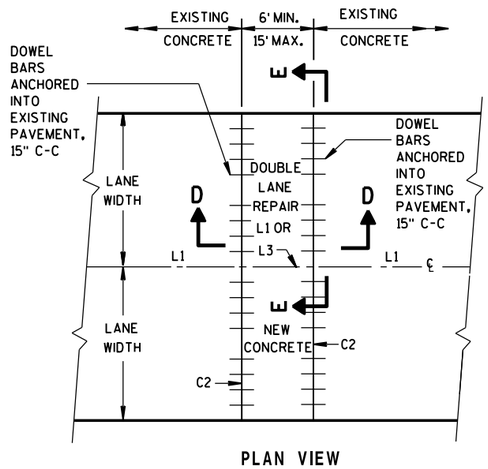


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

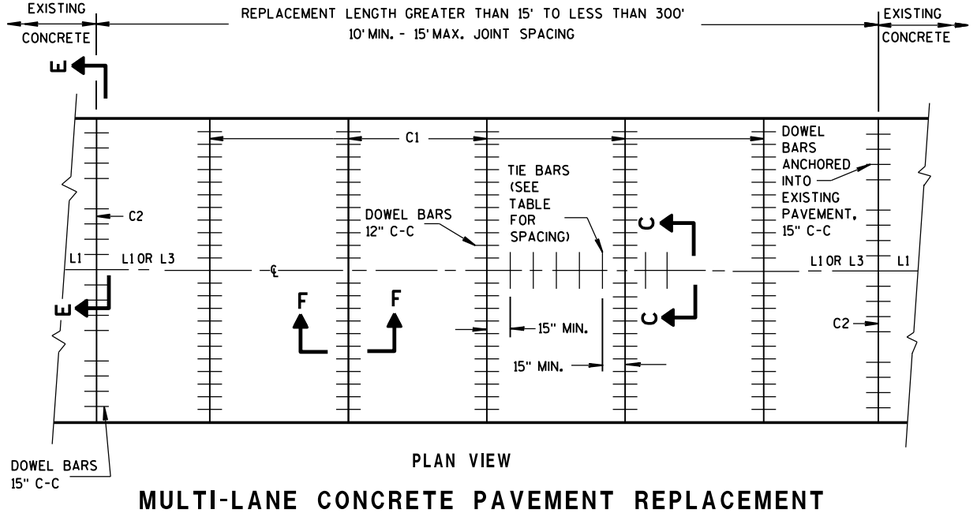
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6",6 ½"	NONE	NONE	12'
7",7 ½"	1"	1"	14'
8",8 ½"	1¼"	1¼"	15'
9",9 ½"	1¼"	1¼"	15'
10" & ABOVE	1½"	1¼"	15'



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

S.D.D. 13 C 9-14b

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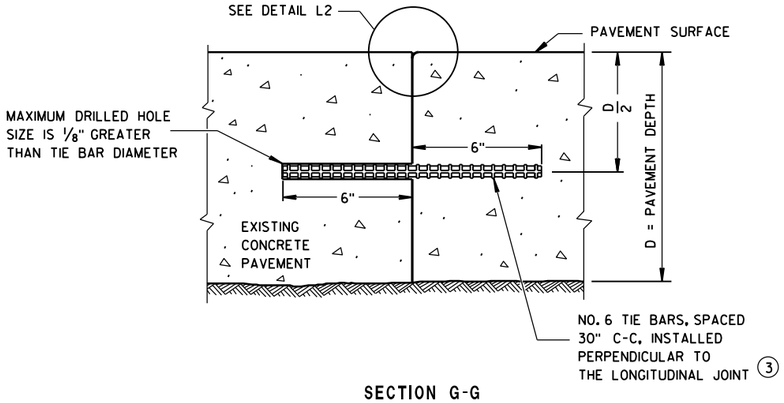


SECTION G-G

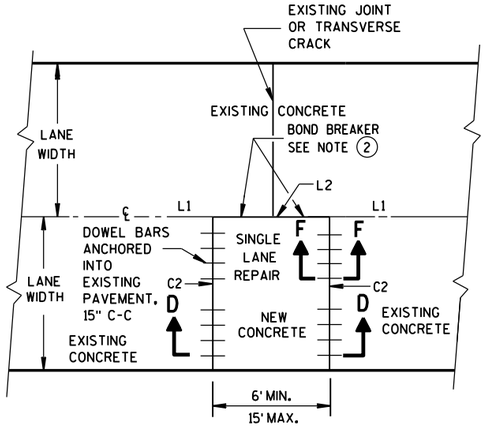
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

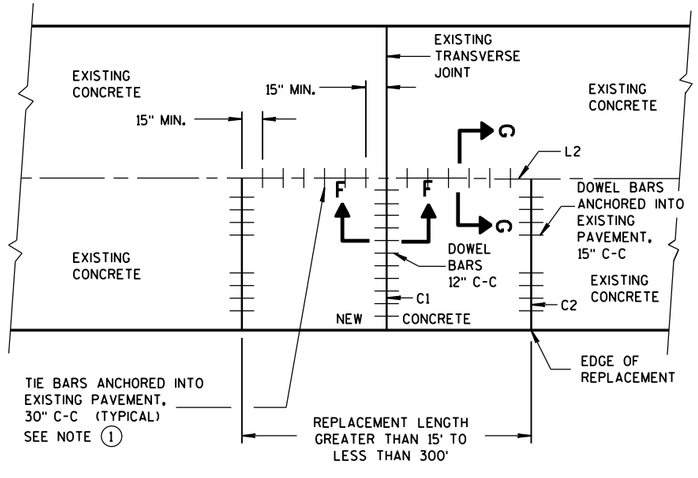
(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

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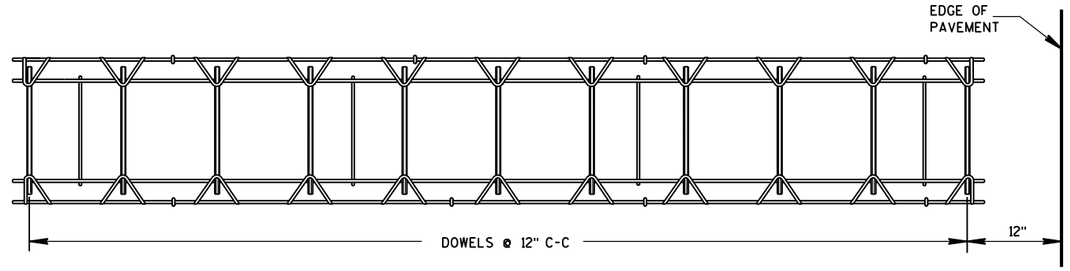
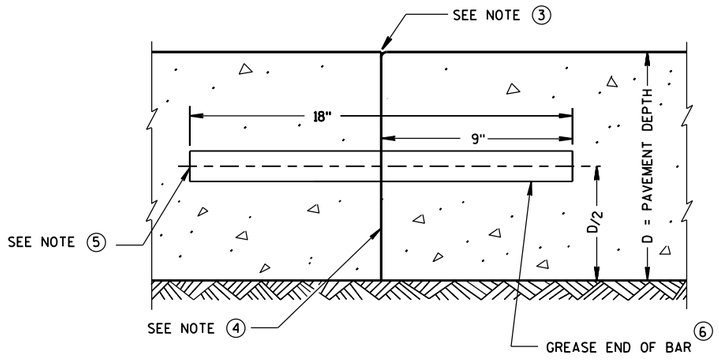
S.D.D. 13 C 9-14c



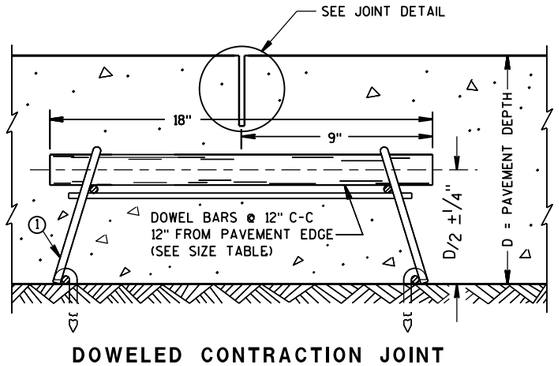
PLAN VIEW

SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY ①



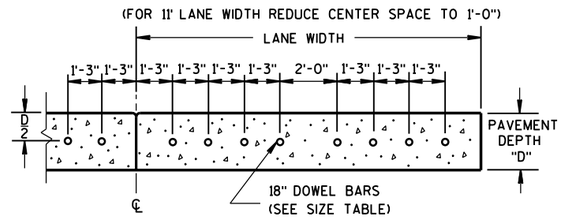
TRANSVERSE CONSTRUCTION JOINT



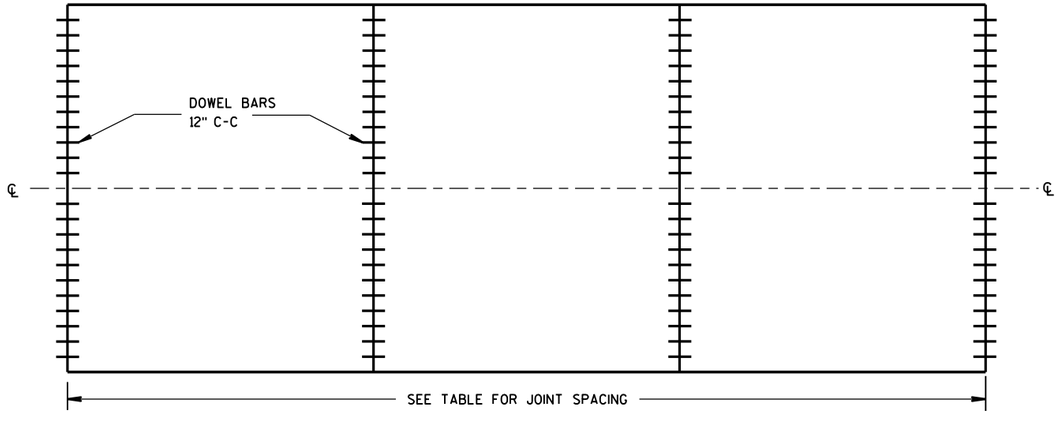
DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



DRILLED DOWEL BAR CONSTRUCTION JOINT ⑦



CONTRACTION JOINT LOCATIONS

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT SEAL OR FILL CONTRACTION JOINTS.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE LONGITUDINAL JOINT AND THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① **OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.**

② SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

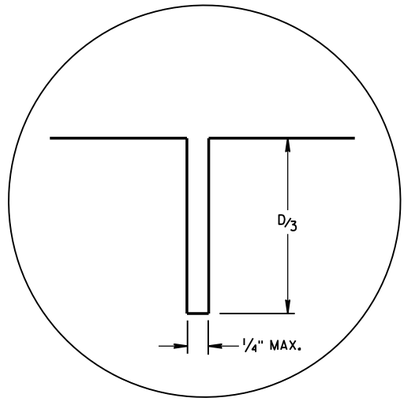
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼-INCH RADIUS AT FORMED JOINTS.

④ PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

⑤ INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.

⑥ APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

⑦ ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



JOINT DETAIL

URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/3/2013 DATE
/S/ Deb Bischoff
PAVEMENT POLICY & DE ENGINEER
FHWA

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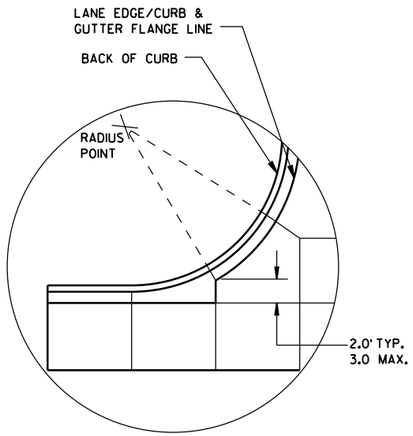
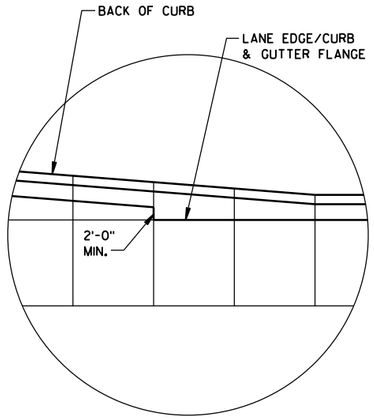
S.D.D. 13 C 13-8



DETAIL "A"



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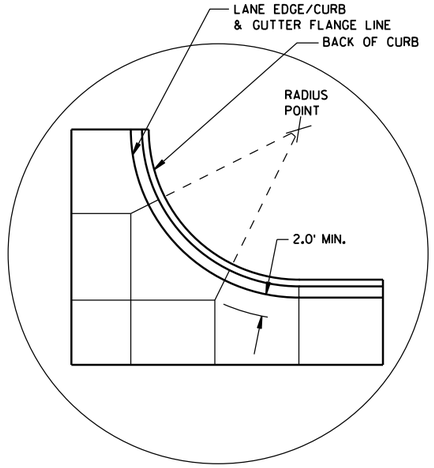

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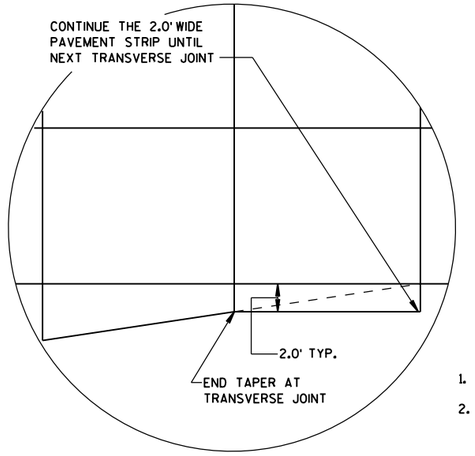


DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G. MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

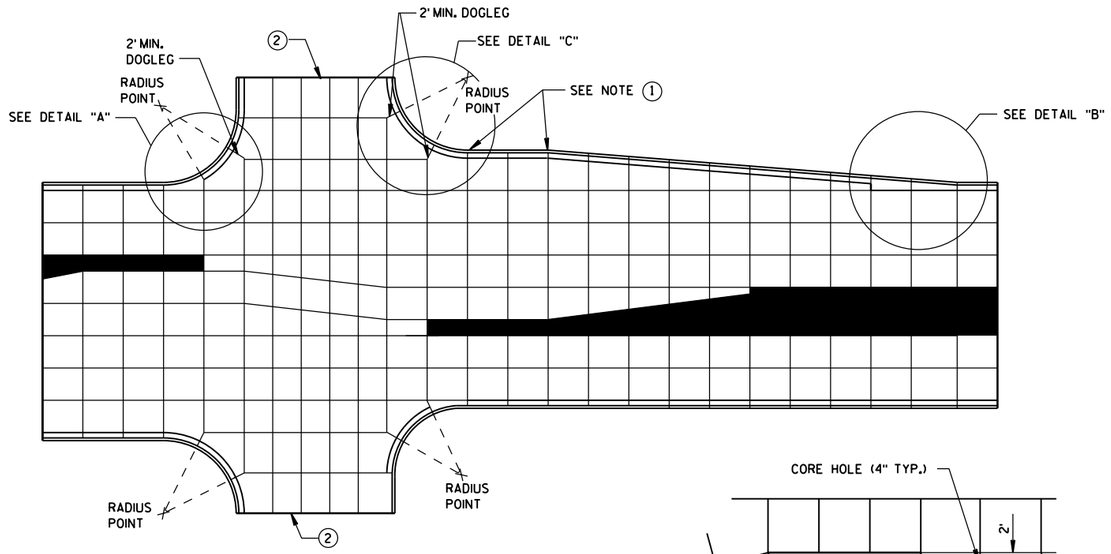
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

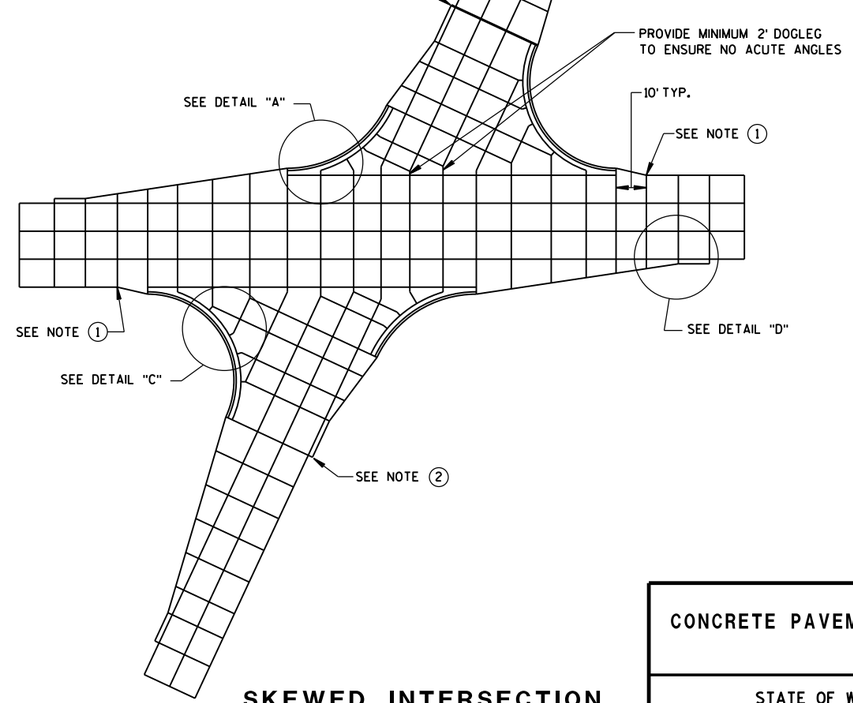
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



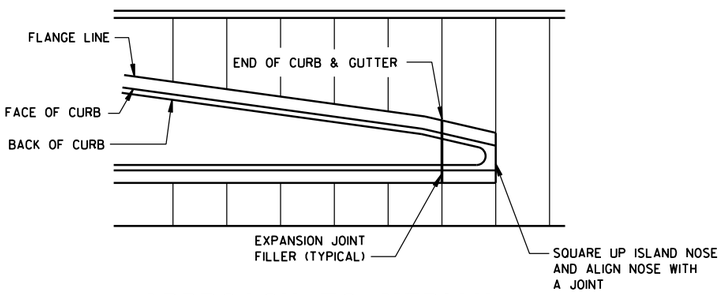
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

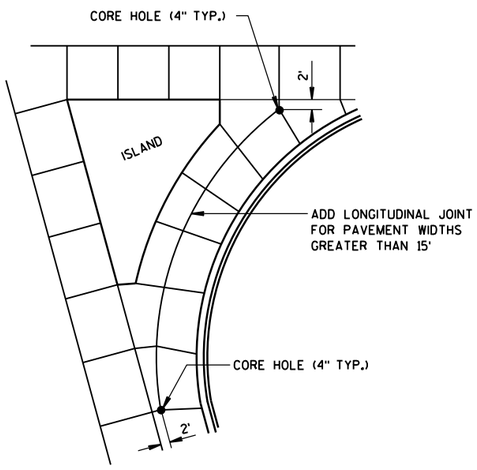
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6½"	12'
7", 7½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

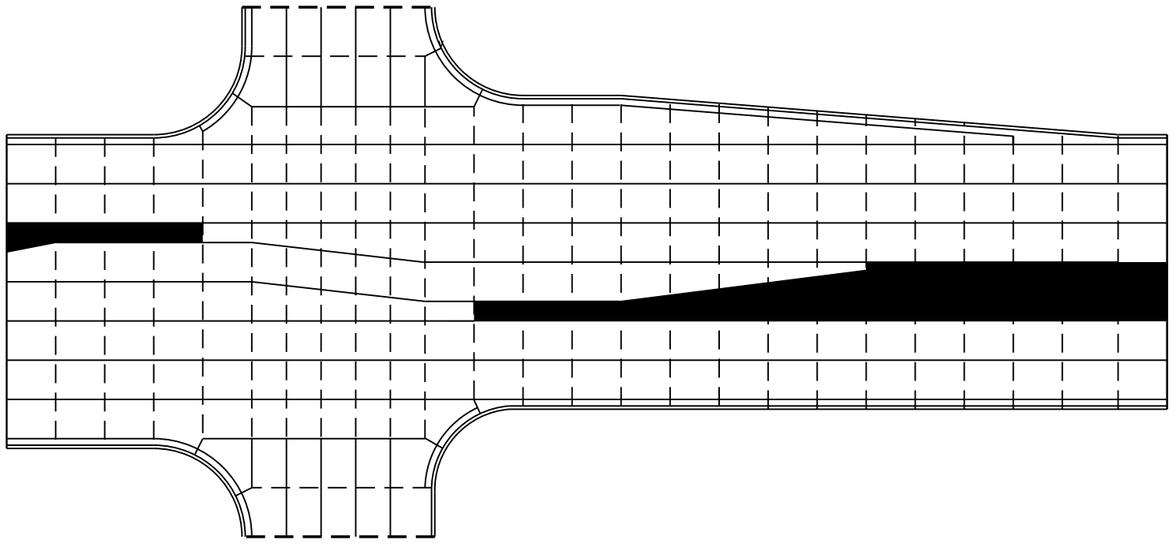
6
S.D.D. 13 C 18-5a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

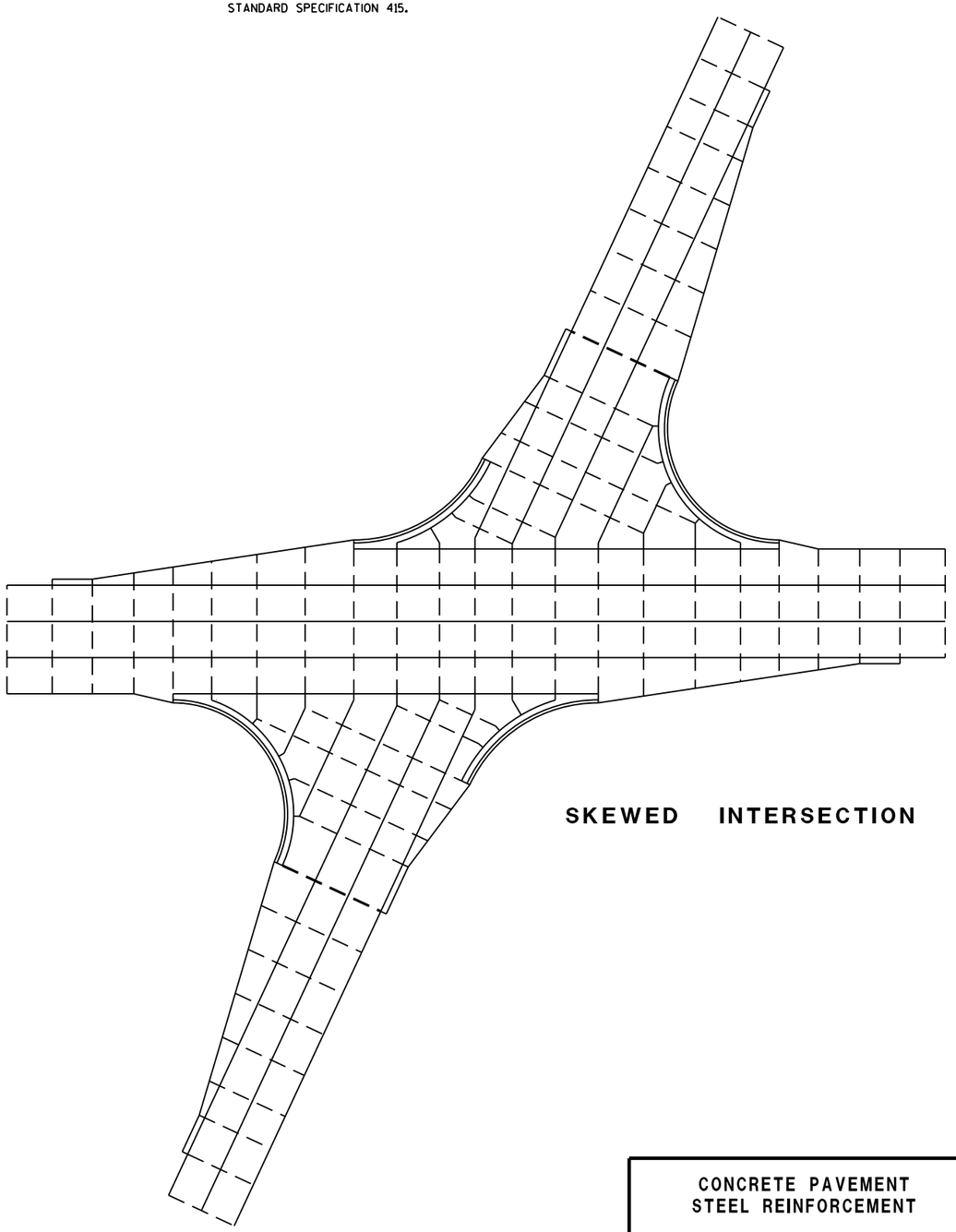
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

CONCRETE PAVEMENT
STEEL REINFORCEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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S.D.D. 13 C 18-5b

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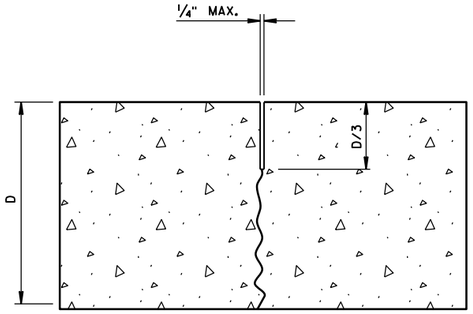
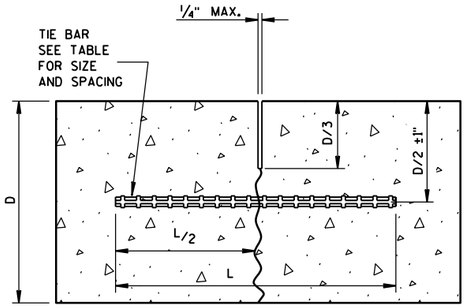
S.D.D. 13 C 18-5b



UNDOWELED-TRANSVERSE



TIED LONGITUDINAL

TIE BAR TABLE

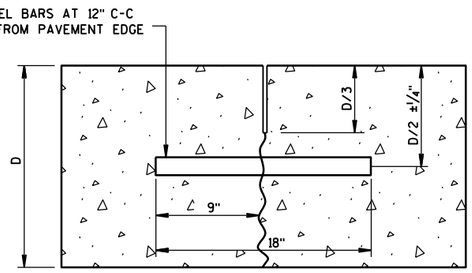
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

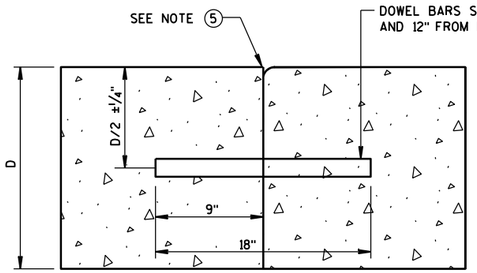
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A 1/4-INCH RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



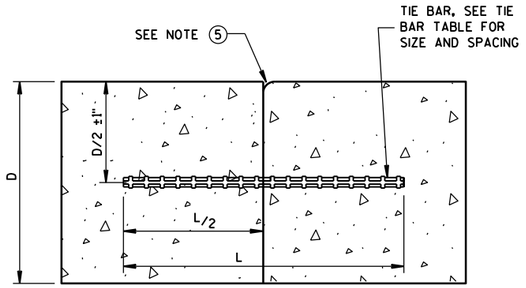
DOWELED-TRANSVERSE

CONTRACTION JOINTS

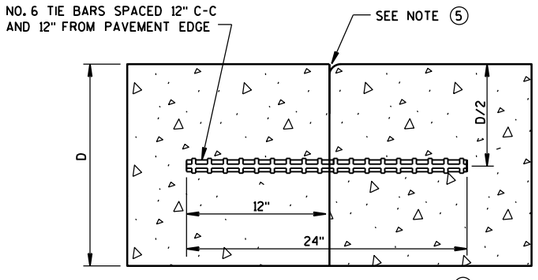
SEE NOTE (2)



DOWELED TRANSVERSE (3)

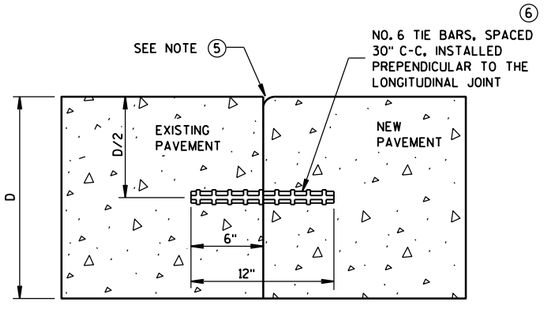


TIED LONGITUDINAL



TIED TRANSVERSE (3)

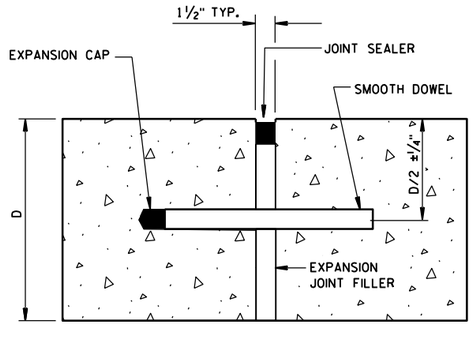
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

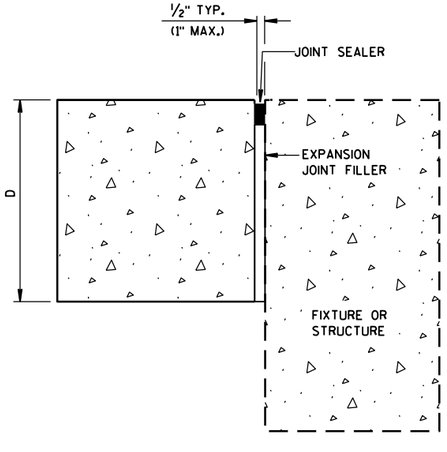
CONSTRUCTION JOINTS

SEE NOTE (4)



DOWELED-TRANSVERSE

SEE NOTE (1)



UNTIED-LONGITUDINAL

EXPANSION JOINTS

CONCRETE PAVEMENT
JOINT TYPES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 377

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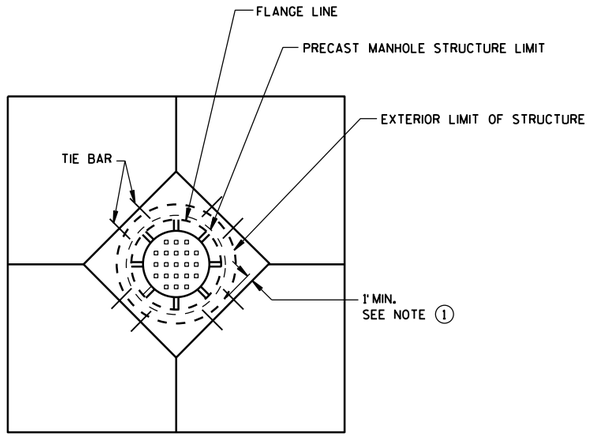
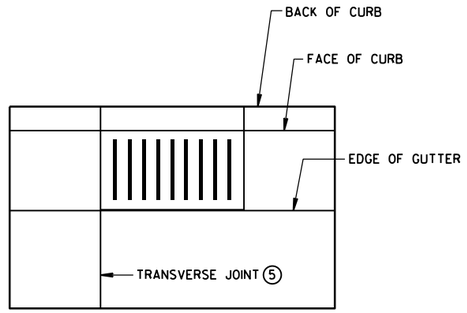
S.D.D. 13 C 18-5c

6

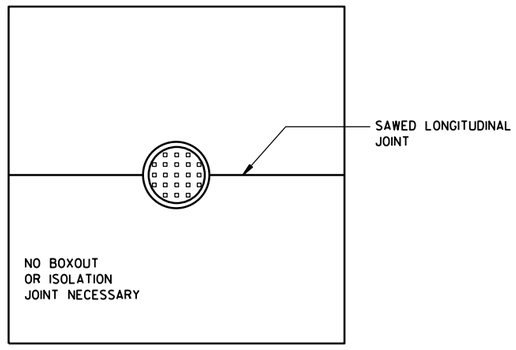
S.D.D. 13 C 18-5c



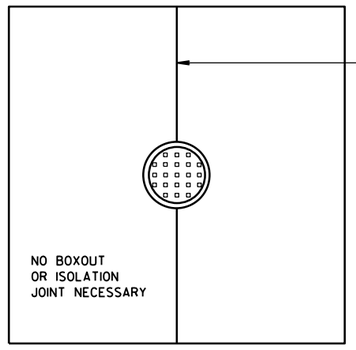
DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS



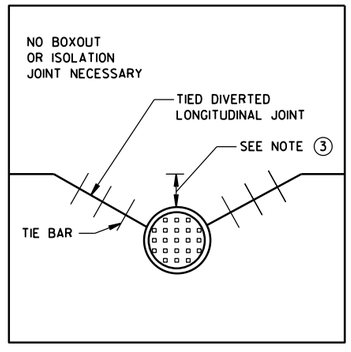
INLET WITH TRANSVERSE JOINT



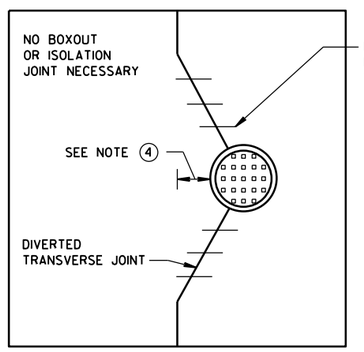
MANHOLE WITH LONGITUDINAL JOINT



MANHOLE WITH TRANSVERSE JOINT



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT

GENERAL NOTES

(1) USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1-FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.

(2) ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.

(3) IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDIAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(4) IF DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(5) ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 /S/ Peter Kemp, P.E.
DATE PAVEMENT SUPER
FHWA

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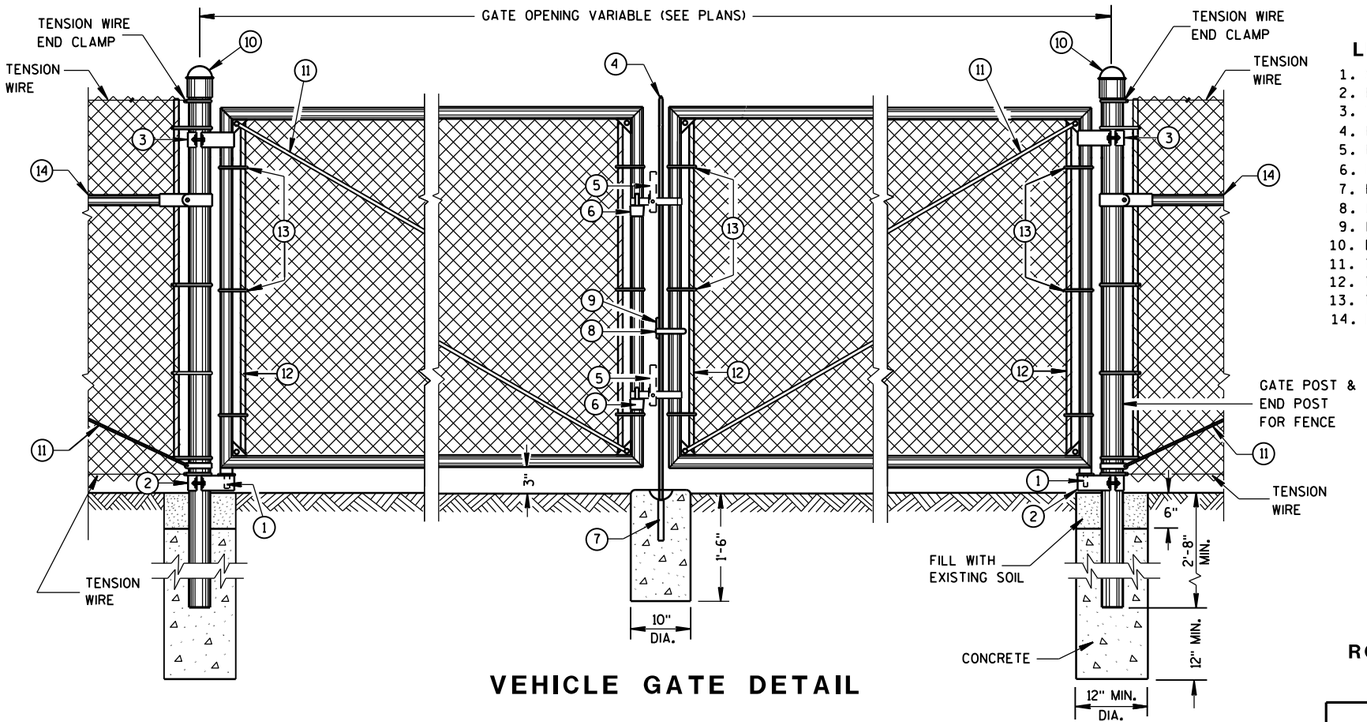
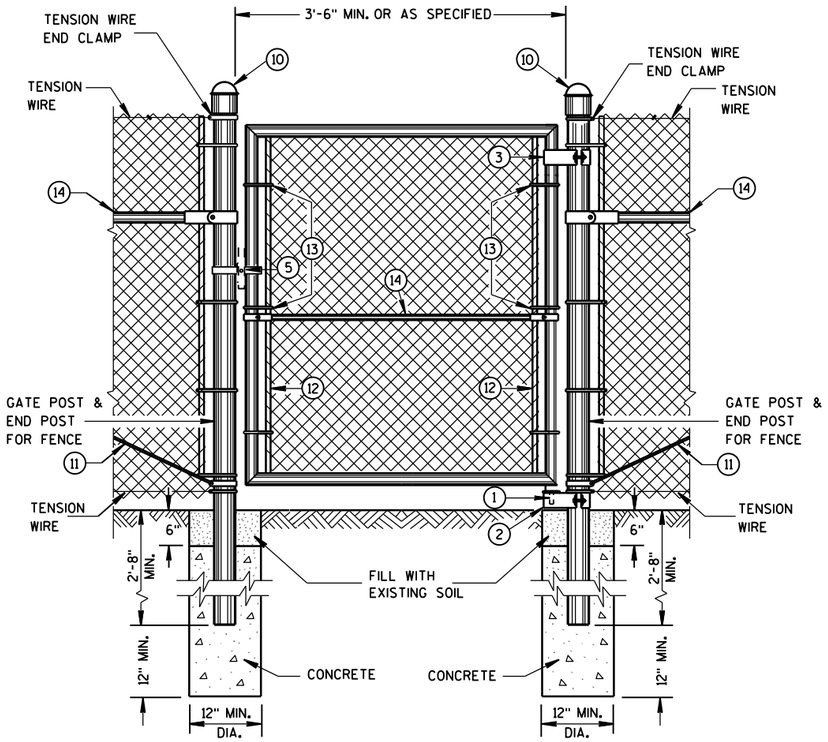
S.D.D. 13 C 18-5d



VEHICLE GATE DETAIL



PEDESTRIAN GATE DETAIL

LEGEND

1. STRAIGHT PLUG
2. BOTTOM HINGE
3. TOP HINGE
4. PLUNGER ROD
5. FULCRUM LATCH
6. FORK CATCH *
7. PLUNGER ROD CATCH
8. LOCK KEEPER GUIDE
9. LOCK KEEPER
10. DOME TOPS
11. TRUSS RODS
12. TENSION BAR
13. TENSION BANDS
14. BRACE RAIL

*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE

GENERAL NOTES

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

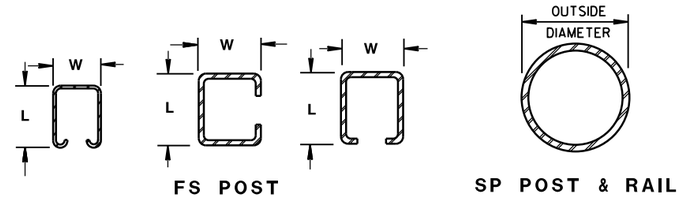
USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE, INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAG FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1% OF THE LEAF GATE WIDTH OR 2 INCHES.

USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A 817.



CROSS SECTIONS OF POSTS AND RAILS

REQUIRED FENCE POST SIZES

USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 8 FT.	SP3
	GREATER THAN OR EQUAL TO 8 FT.	SP4
	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3

BRACE RAIL TYPES

USE		TYPE
BRACE RAIL		SP1 OR FS1

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

ROLLED-FORMED STEEL FENCE POST (2.0 OZ./SQ. FT. COATING)

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS/FT
FS1	1.625	1.25	1.35
FS2†	1.875	1.625	1.850
FS2	1.875	1.625	2.400
FS3	2.250	1.700	2.780

REQUIRED POST SIZE FOR GATES

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

ROUND STEEL FENCE POST (1.8 OZ./SQ. FT. COATING)

POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS/FT
SP1	1.660	0.140	2.270
SP2	1.900	0.145	2.720
SP3	2.375	0.154	3.650
SP4	2.875	0.203	5.800
SP5	4.000	0.226	9.120
SP6	6.625	0.280	18.990
SP7	8.625	0.322	28.580

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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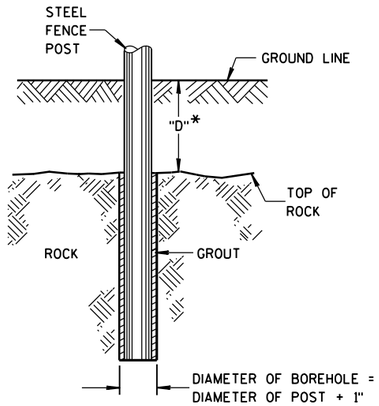
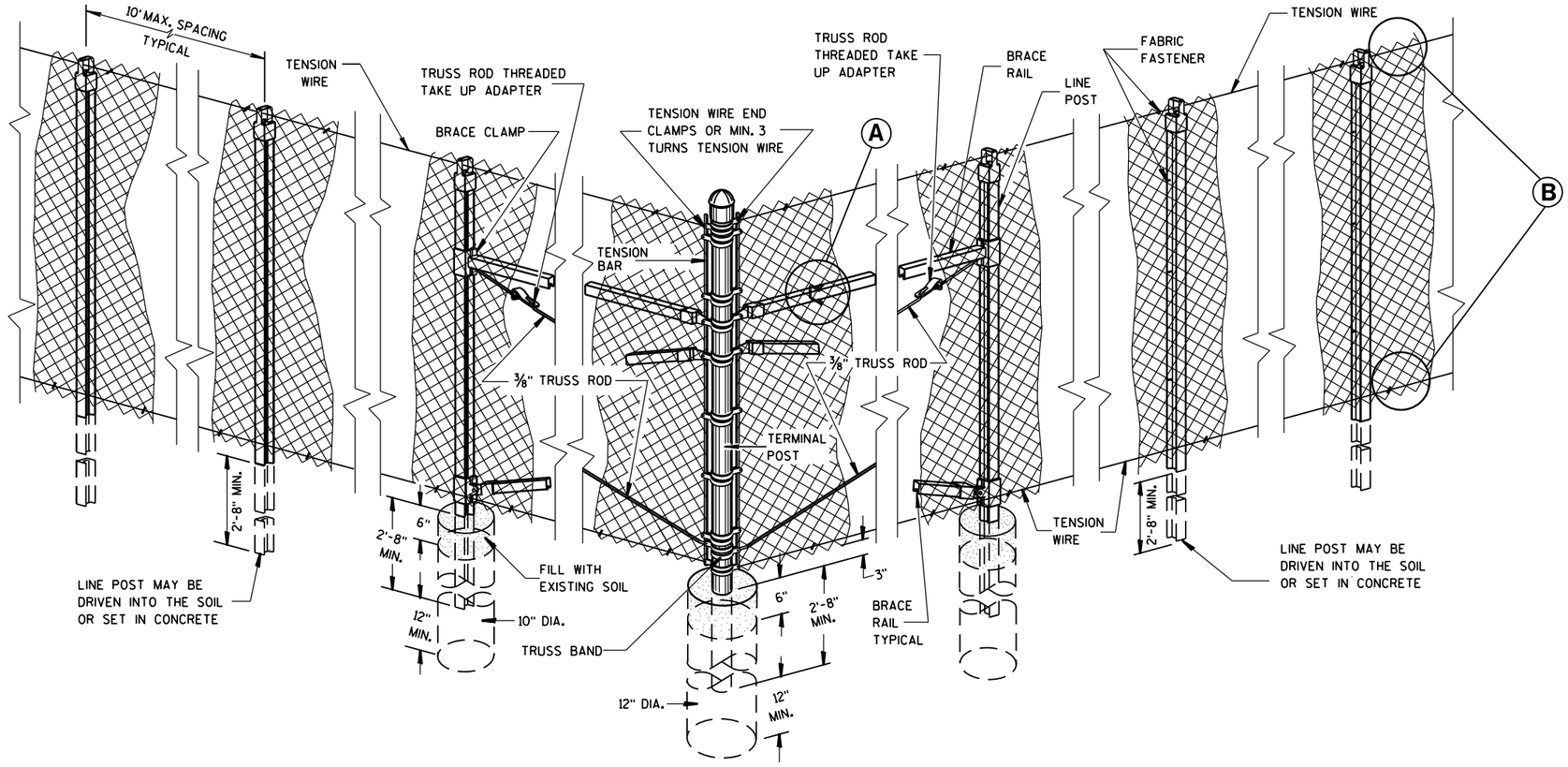
S.D.D. 15 B 3-15a
S.D.D. 15 B 3-15a

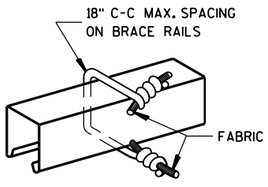


*IF "D" IS LESS THAN 2'-6", DRILL ROCK AND INSTALL GROUT

ROCK INSTALLATION OF LINE POST



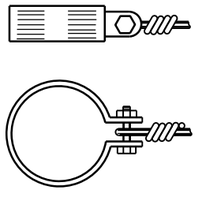
END, CORNER, ANGLE INTERSECTION & INTERMEDIATE BRACED POSTS



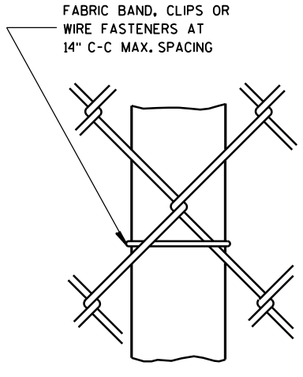
BRACE RAIL

FABRIC FASTENER

Ⓐ



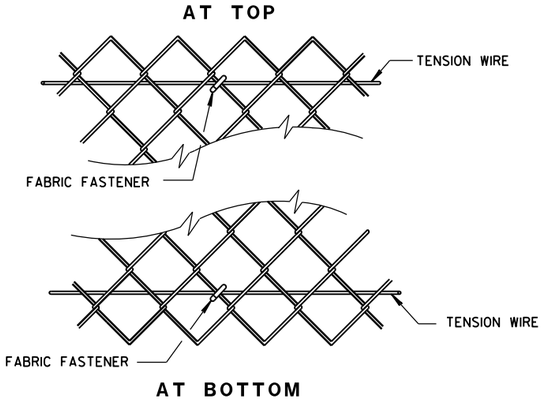
TENSION WIRE END CLAMP



LINE POST

FABRIC FASTENER

AT TOP



AT BOTTOM

SELVAGES

Ⓑ

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

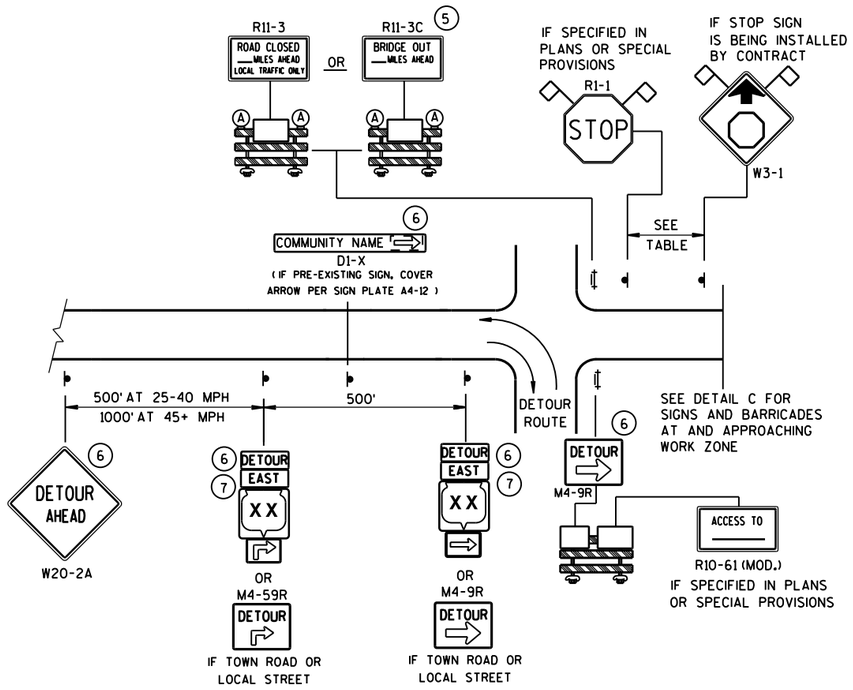
APPROVED
FEB. 2015 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 15 B 3-15b

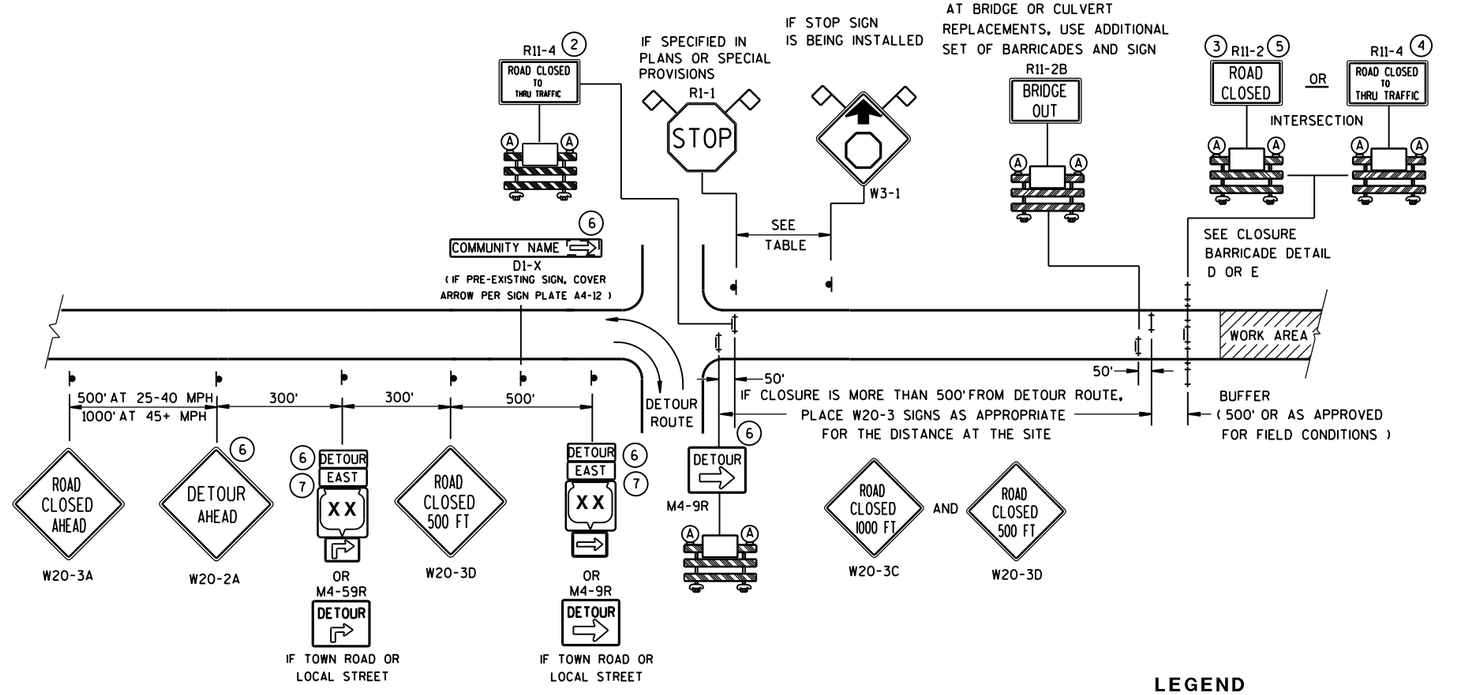
6

S.D.D. 15 B 3-15b



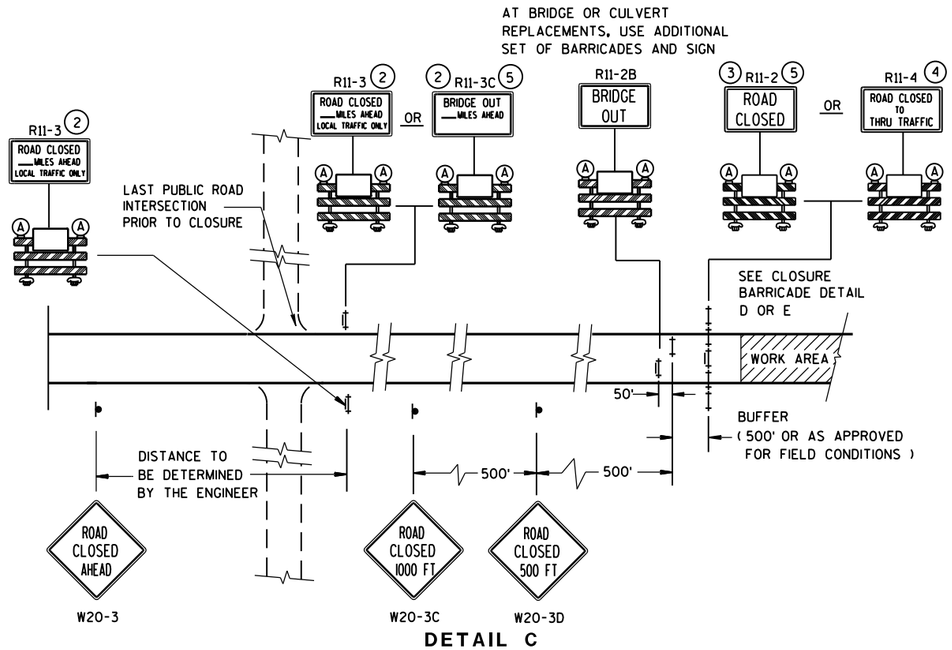
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "**b**"
FOR GENERAL NOTES
AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

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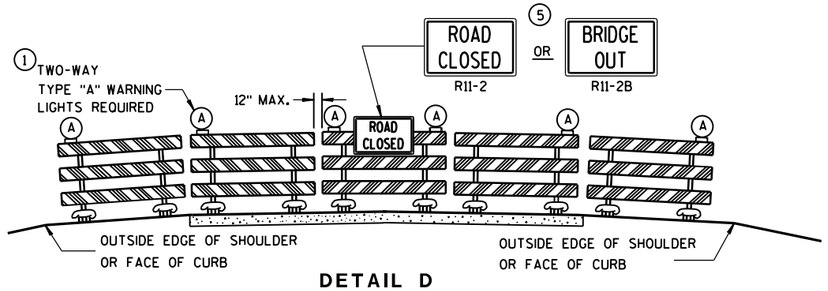
S.D.D. 15 C 2-6a

6

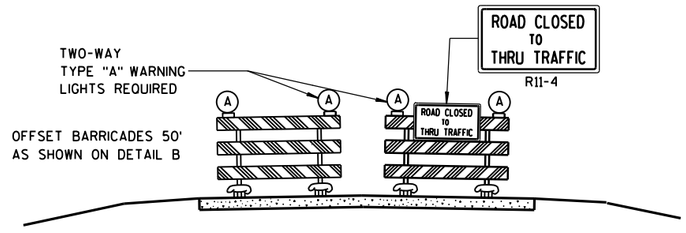
S.D.D. 15 C 2-6a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI

FHWA

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S.D.D. 15 C 2-6b

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S.D.D. 15 C 2-6b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

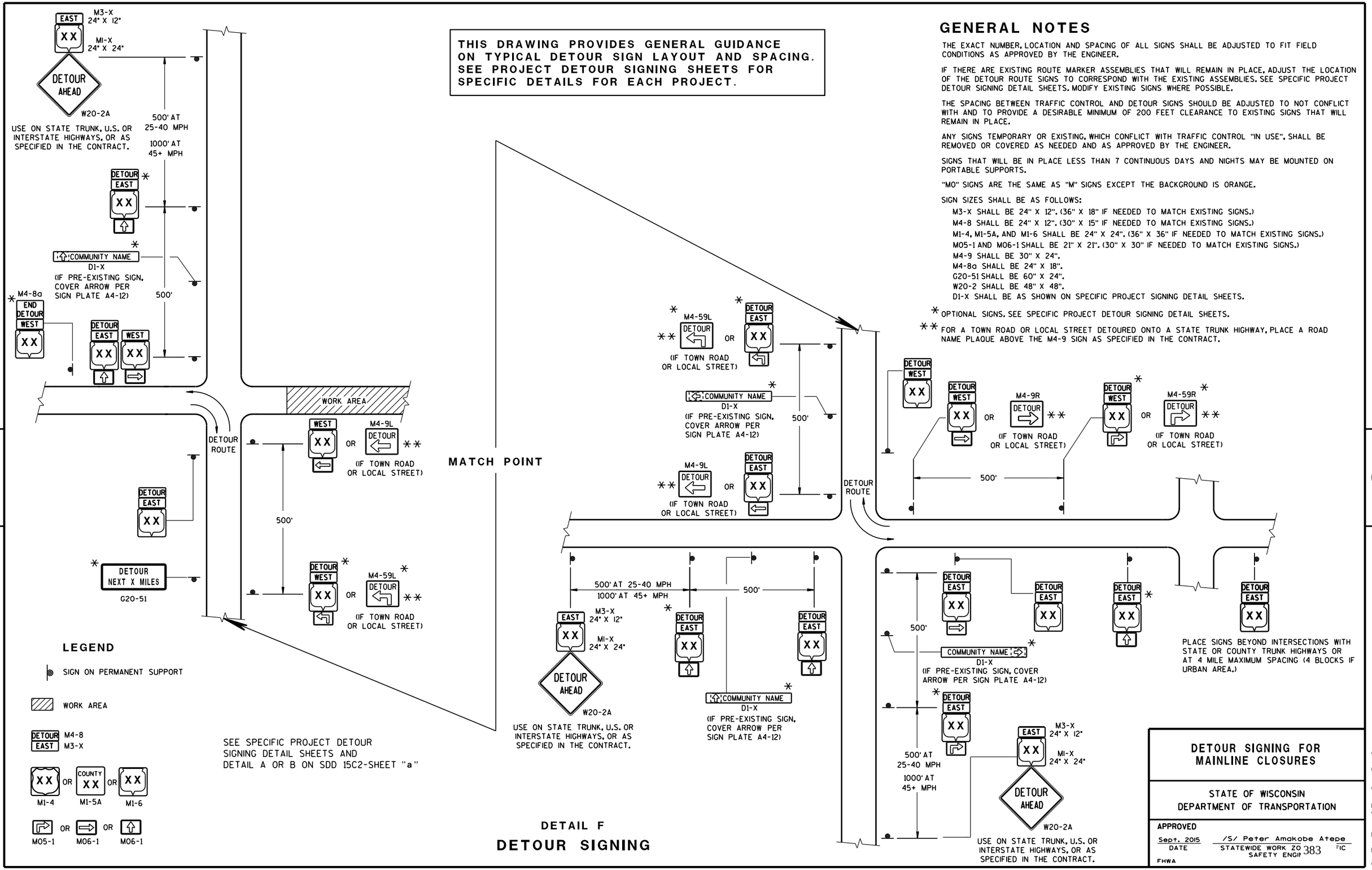
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-9 SHALL BE 30" X 24".
- M4-8a SHALL BE 24" X 18".
- G20-51 SHALL BE 60" X 24".
- W20-2 SHALL BE 48" X 48".
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



DETAIL F

DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO... SAFETY ENGI...

FHWA

S.D.D. 15 C 2-6c

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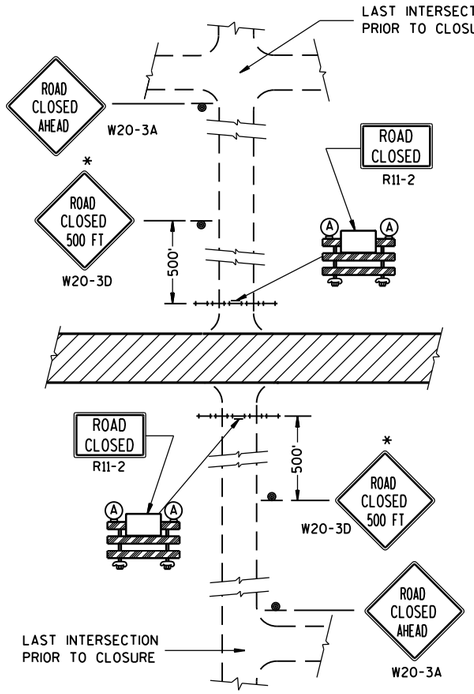
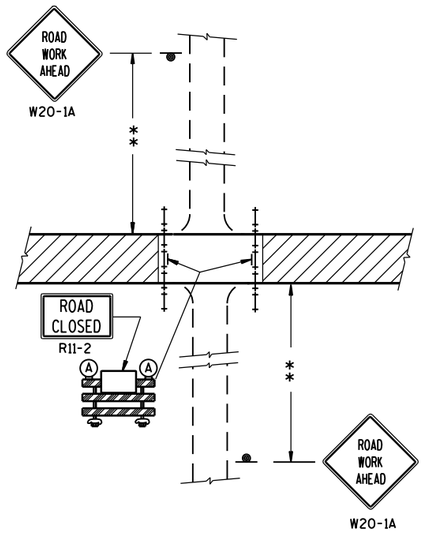


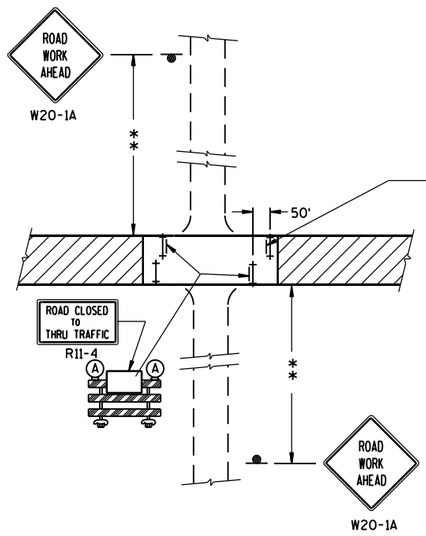
DETAIL 1

(NO ACCESS TO PROJECT)



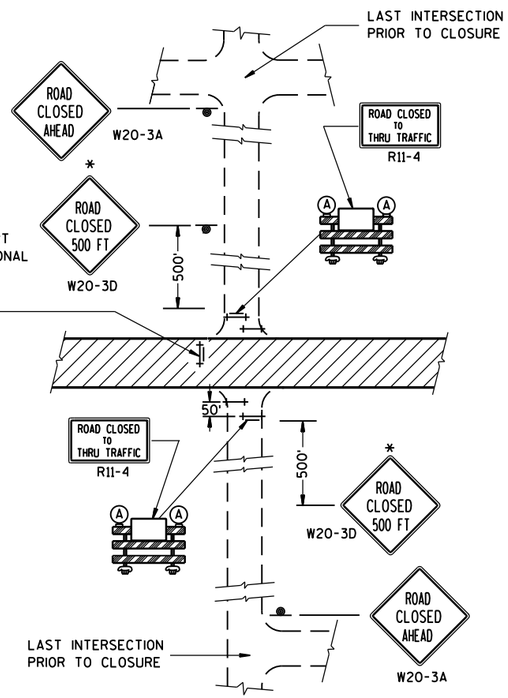
DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).



DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO... SAFETY ENGI... TIC
FHWA

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S.D.D. 15 C 3-3

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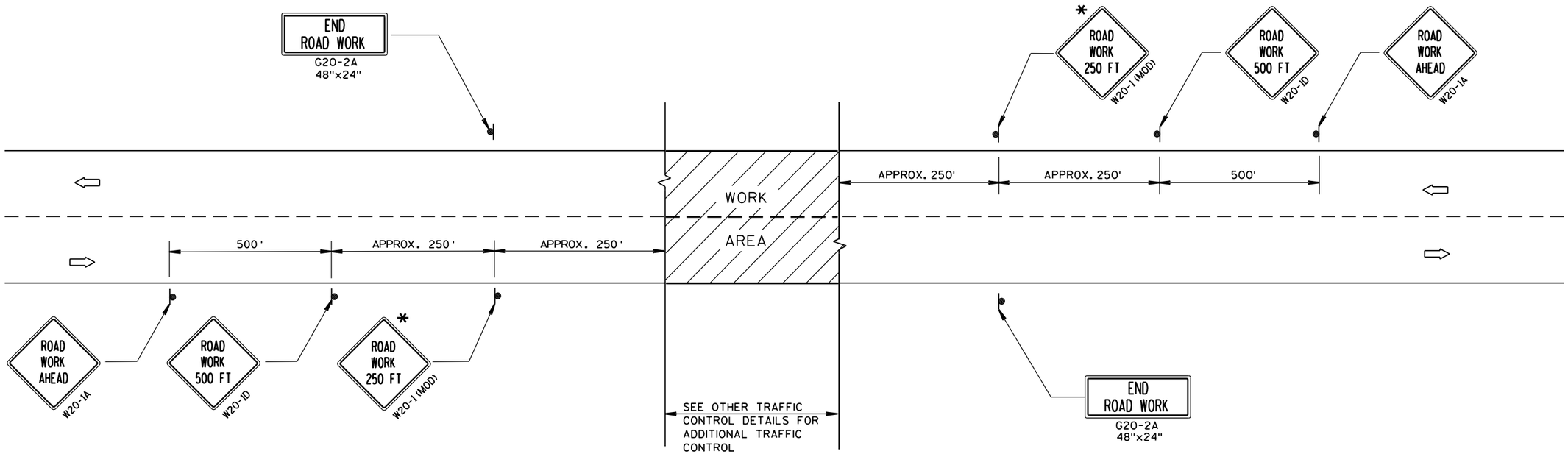
S.D.D. 15 C 3-3

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

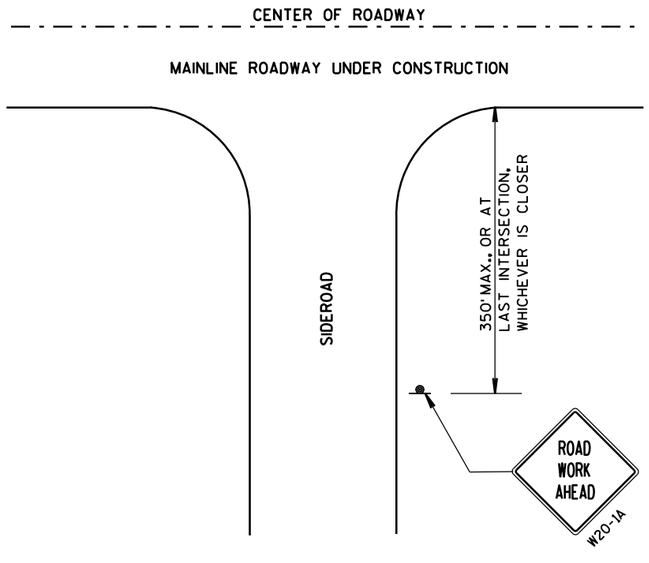
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

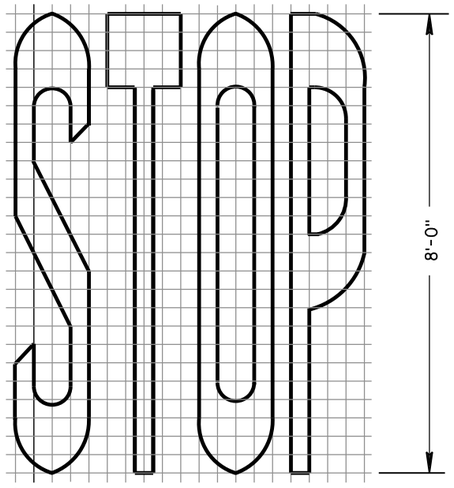
APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

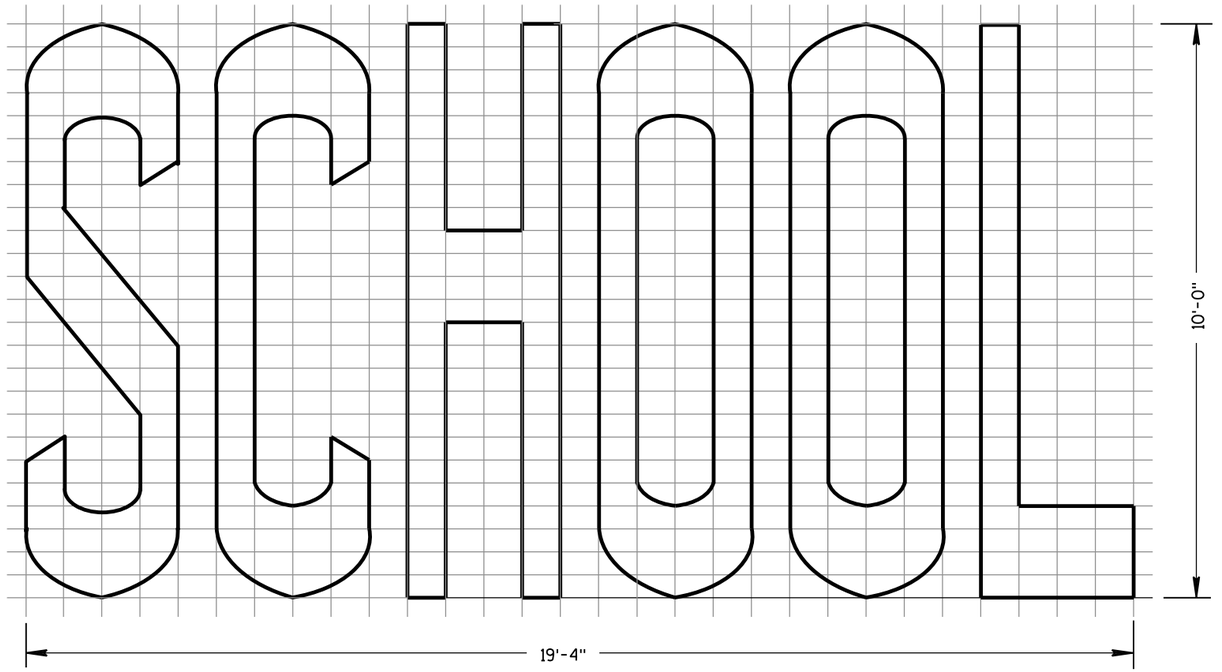
6

S.D.D. 15 C 5-3

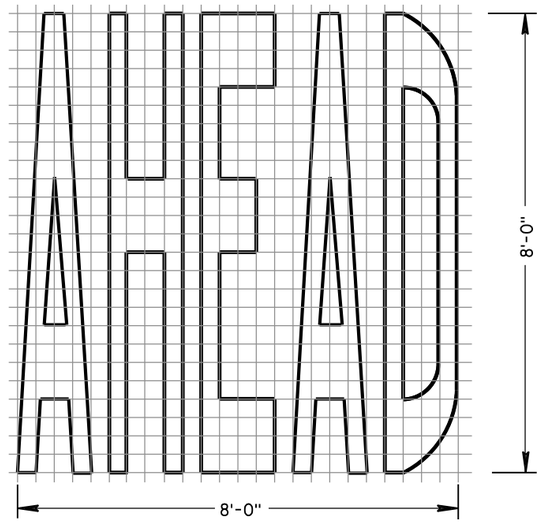
GENERAL NOTES

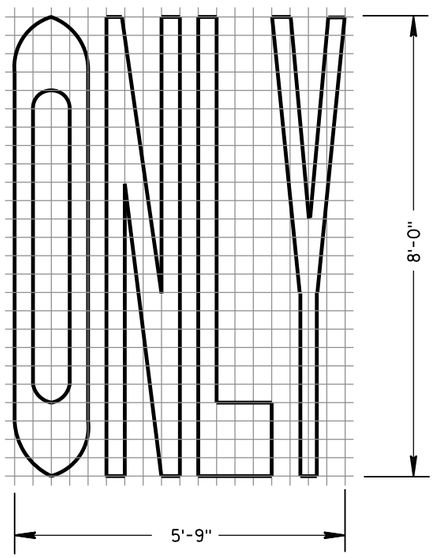
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

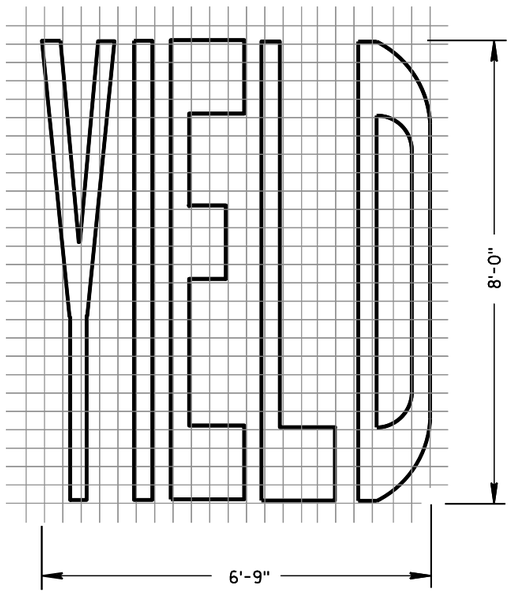


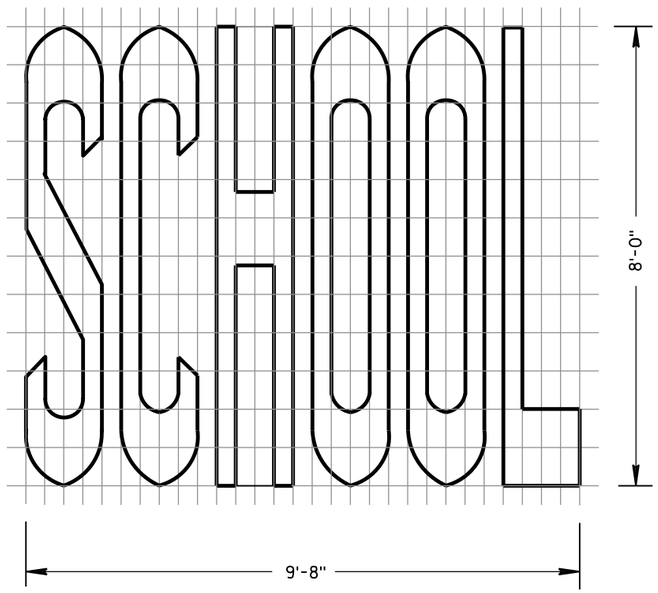


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-16	/S/ Matthew R. Rauch	
DATE	STATE SIGNING AND MARK	EER

FHWA

6

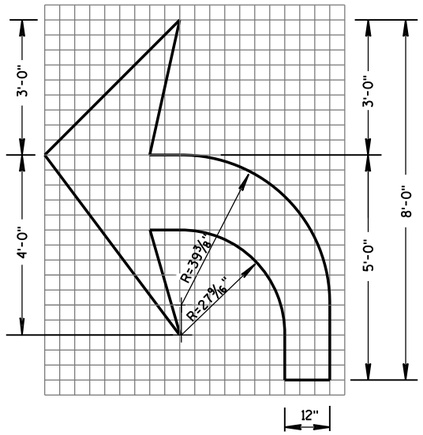
S.D.D. 15 C 7-13b

6

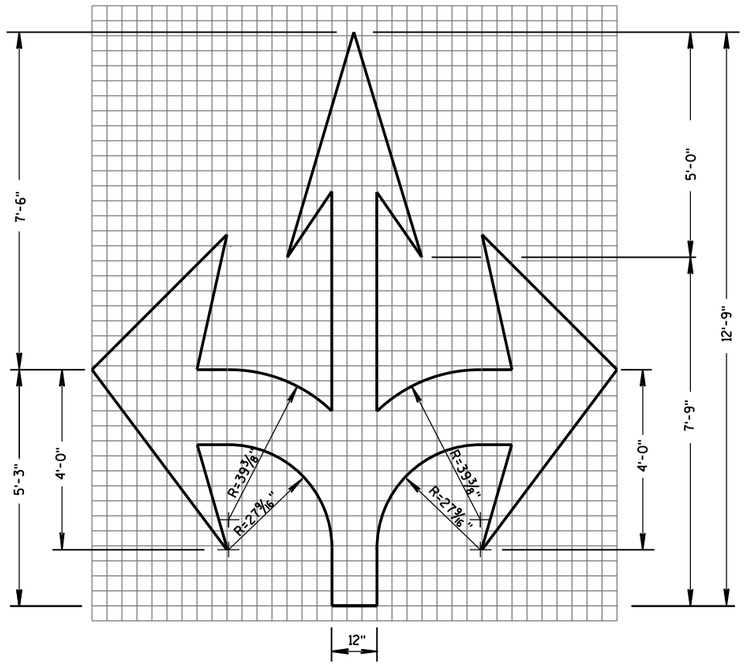
S.D.D. 15 C 7-13b

GENERAL NOTES

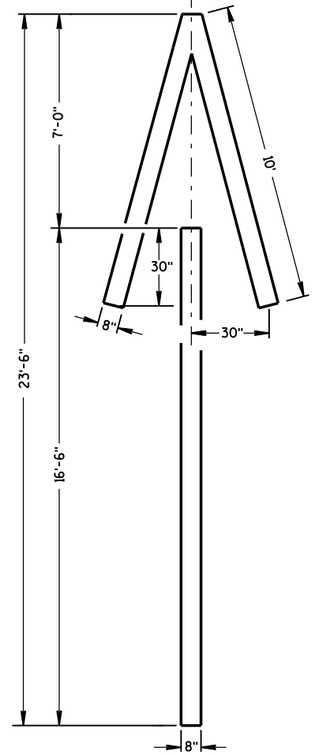
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 2



TYPE 6



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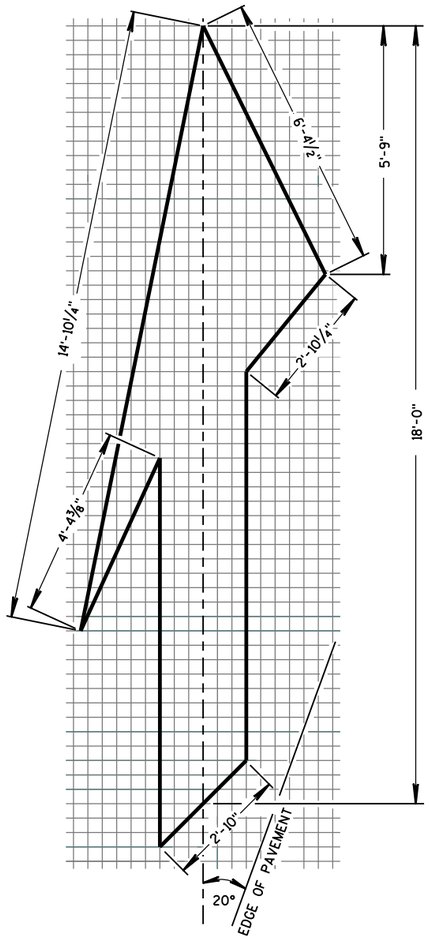
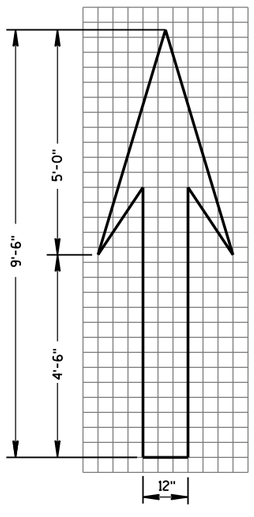
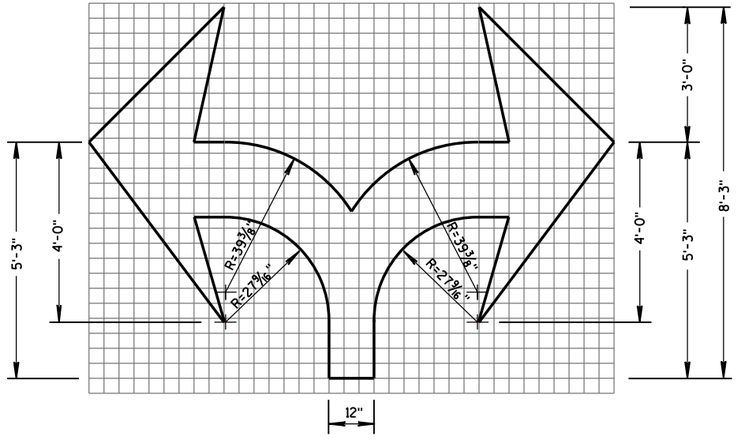


TYPE 5 LANE DROP ARROW



TYPE 1



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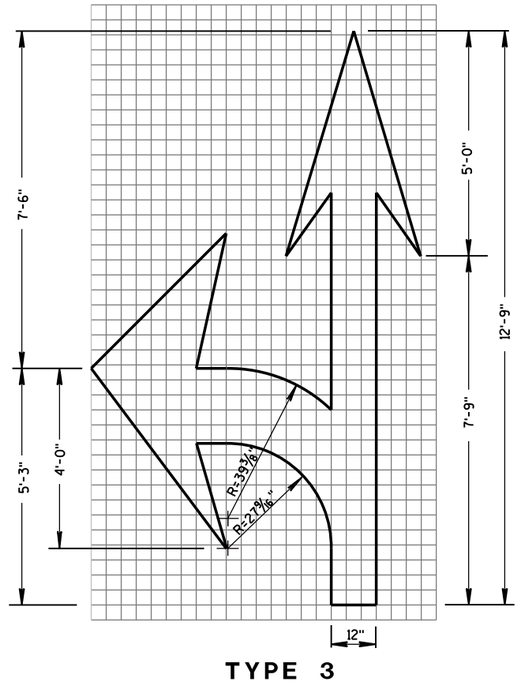

TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-18-16 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR 387 NEER
FHWA

6

S.D.D. 15 C 7-13c

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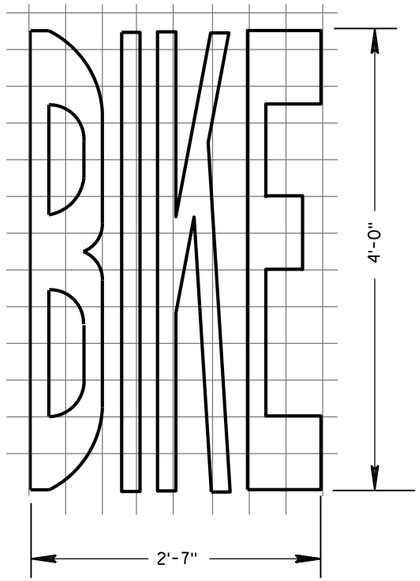
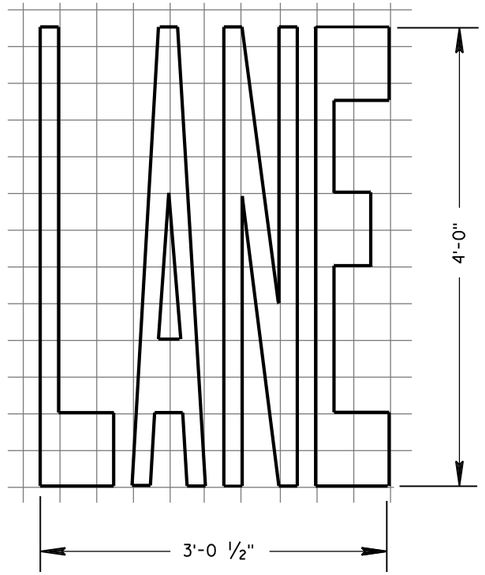
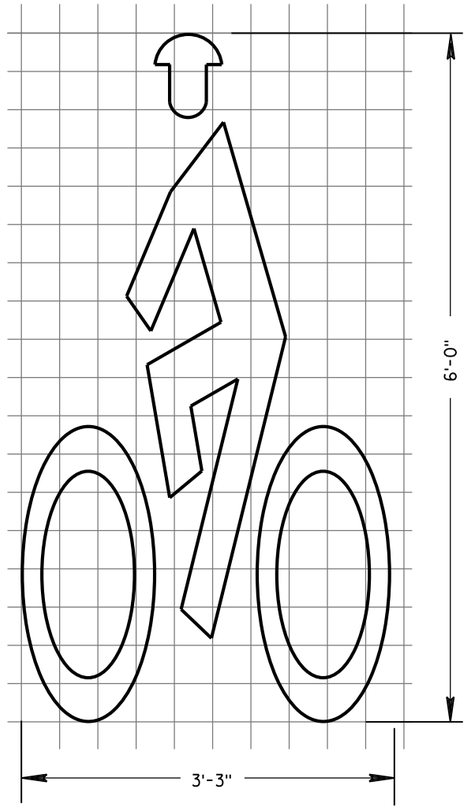
S.D.D. 15 C 7-13c

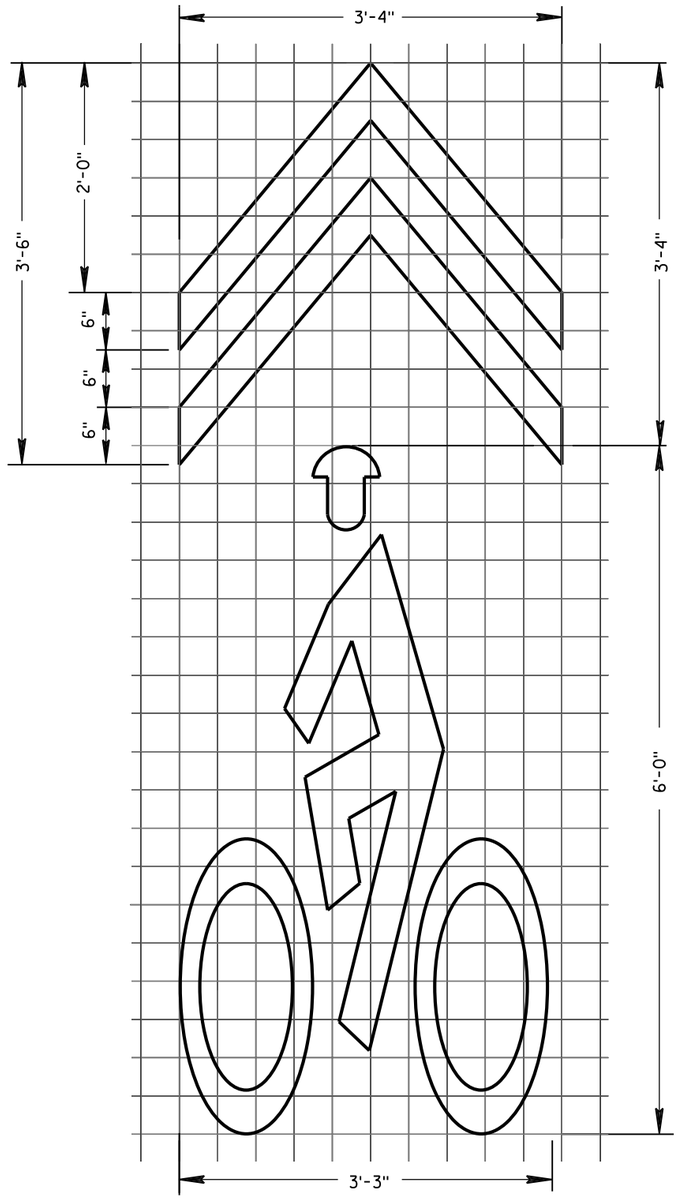




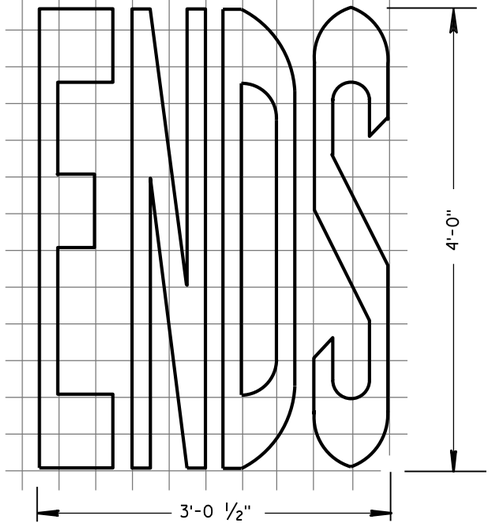
BIKE LANE WORDS



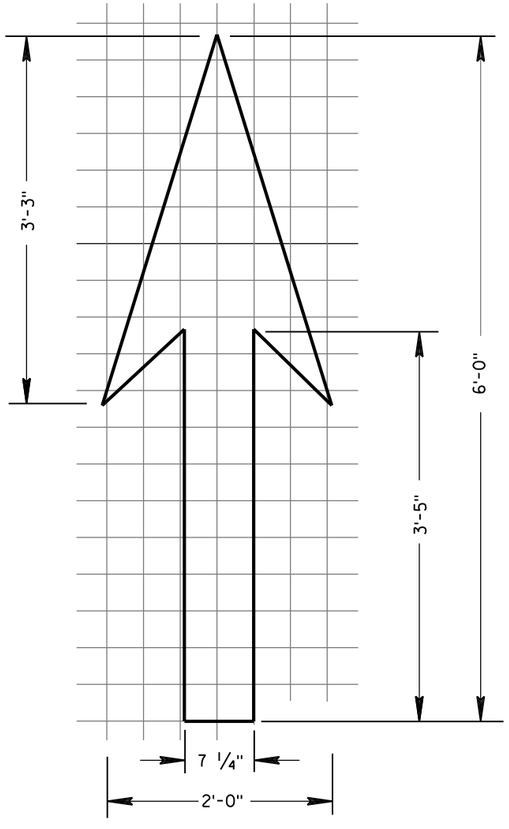
BIKE LANE SYMBOL



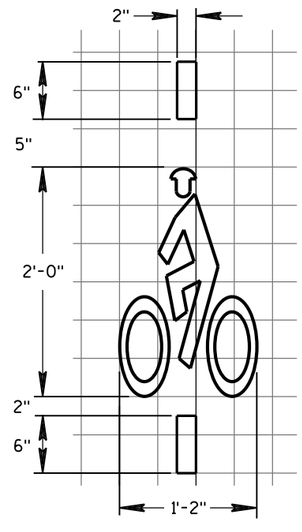
BIKE SYMBOL FOR SHARED LANE



BIKE LANE WORDS



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

GENERAL NOTES

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

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARK ENGINEER

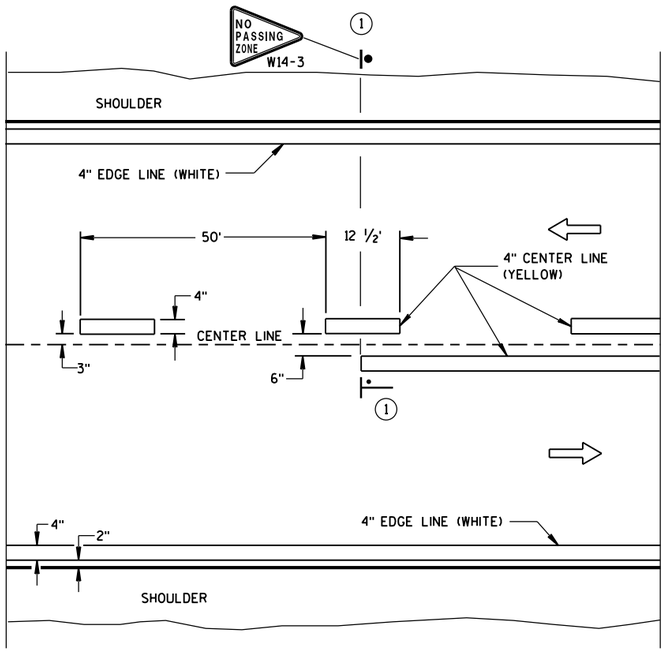
FHWA

6

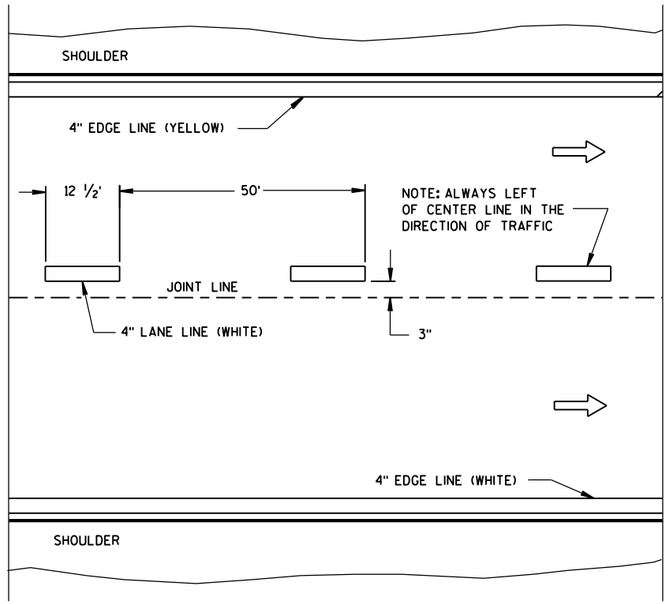
S.D.D. 15 C 7-13e

6

S.D.D. 15 C 7-13e



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

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

(1) NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

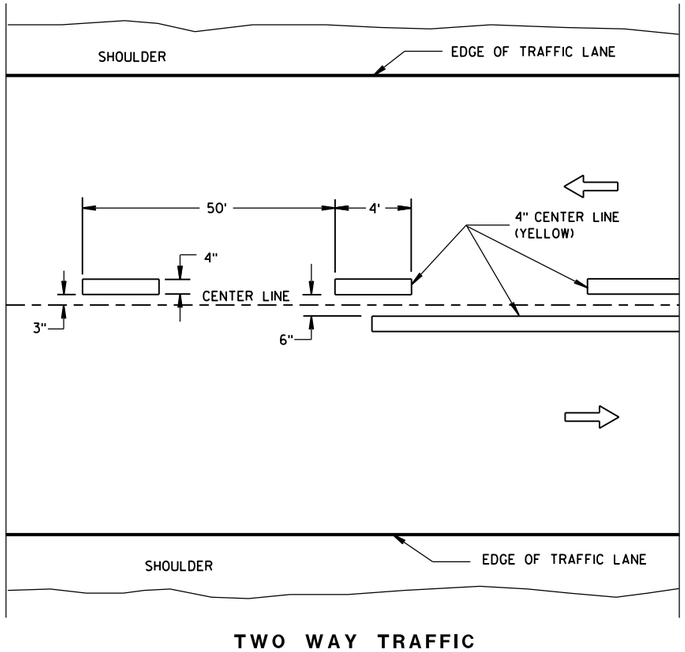
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

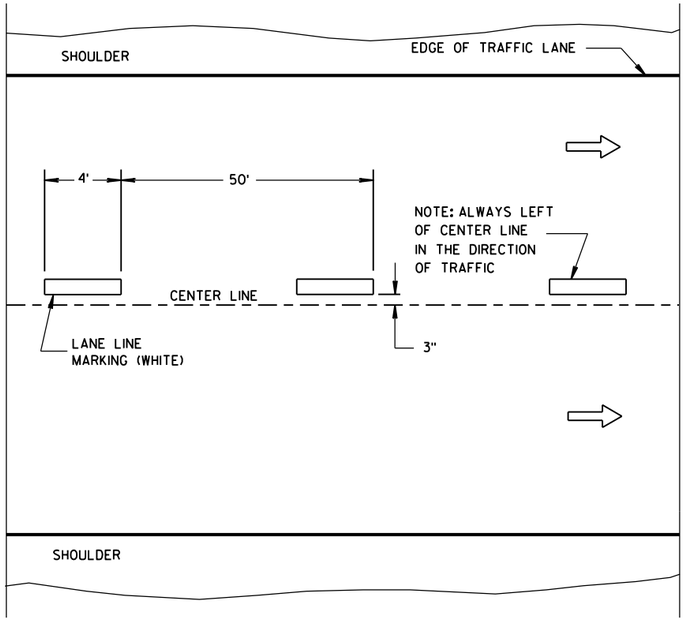
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

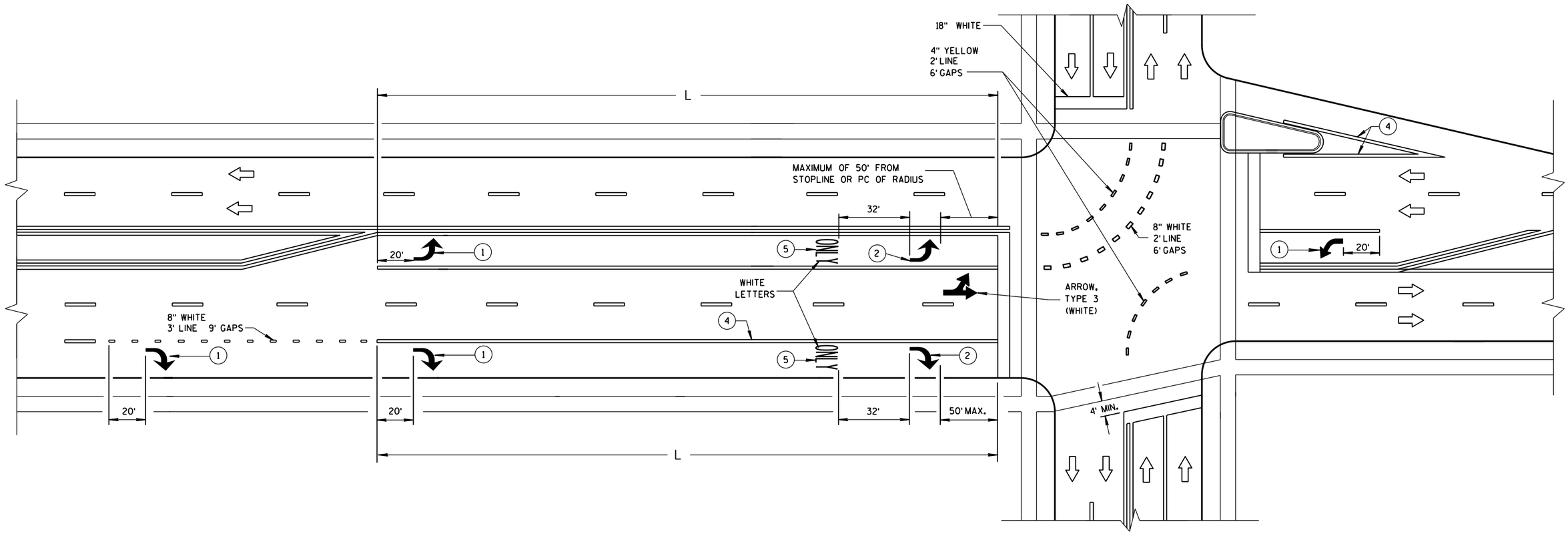
APPROVED
Sept., 2016 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

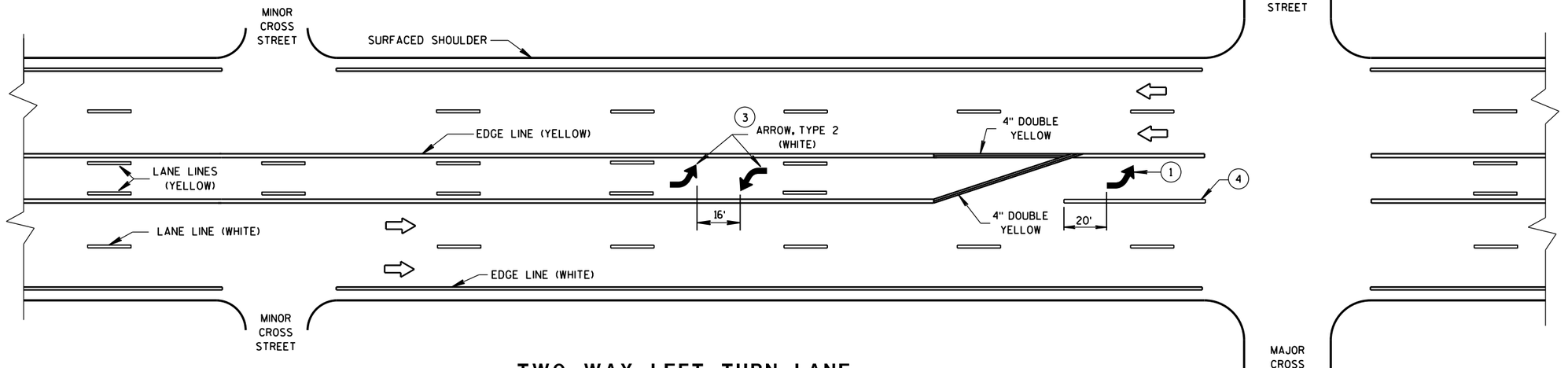
6

S.D.D. 15 C 8-17a

6

S.D.D. 15 C 8-17a





GENERAL NOTES

(1) REQUIRED ARROW, TYPE 2 (WHITE).

(2) REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.

(3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(4) 8" WHITE

(5) REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

L = LENGTH OF TURN BAY

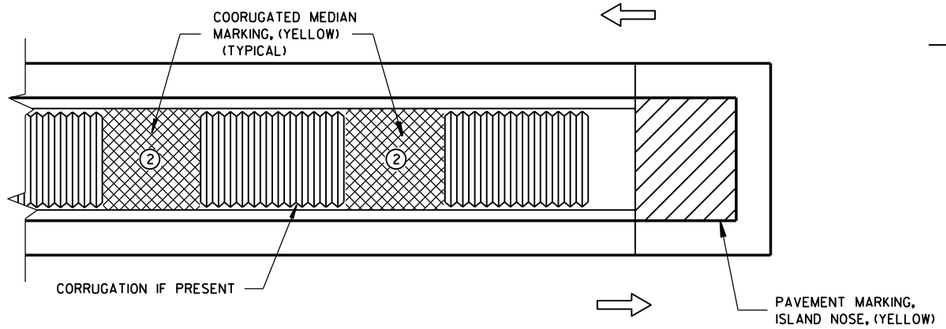
TWO WAY LEFT TURN LANE

PAVEMENT MARKING
(TURN LANES)

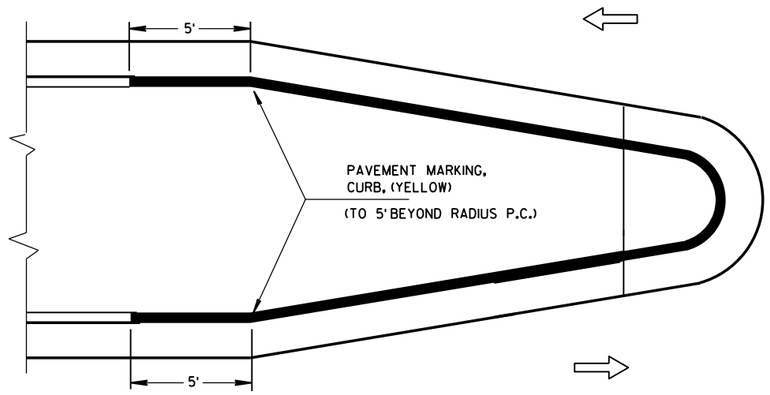
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

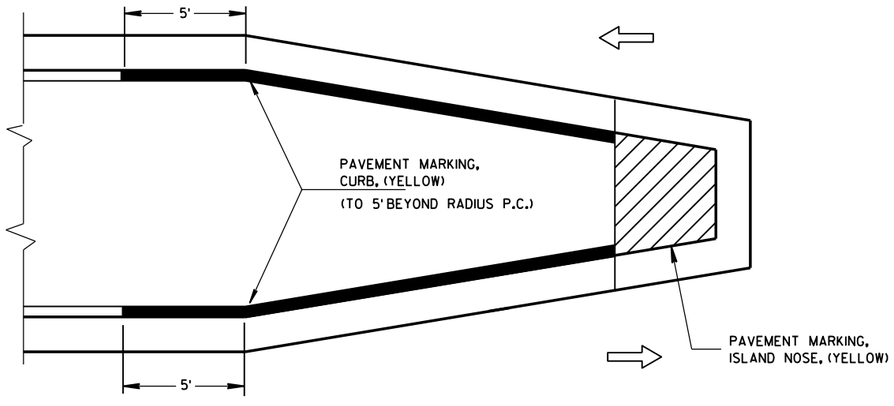
S.D.D. 15 C 8-17b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

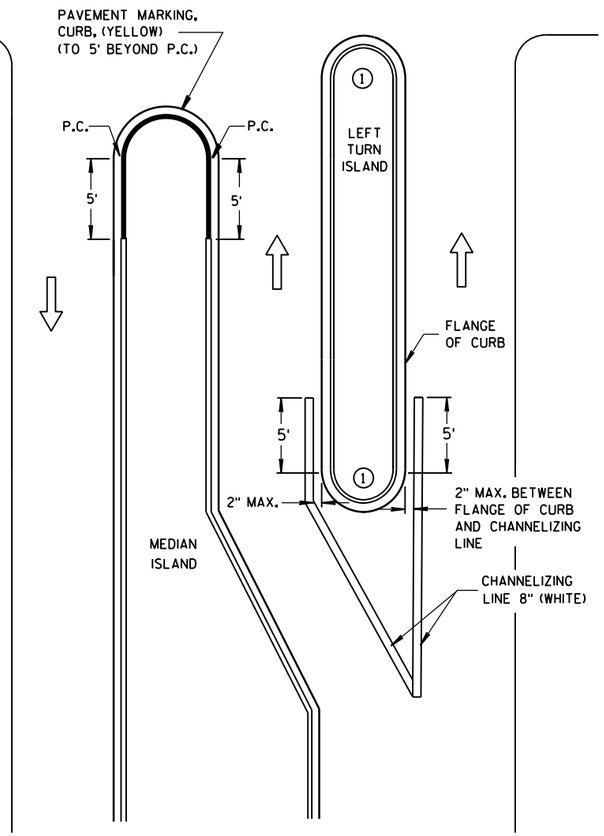


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

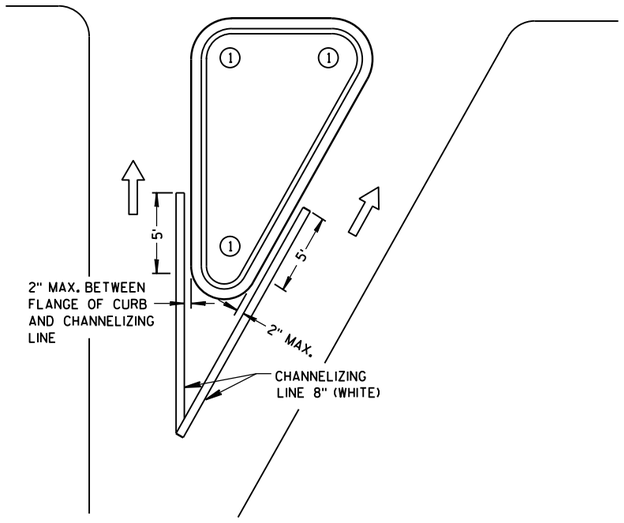


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

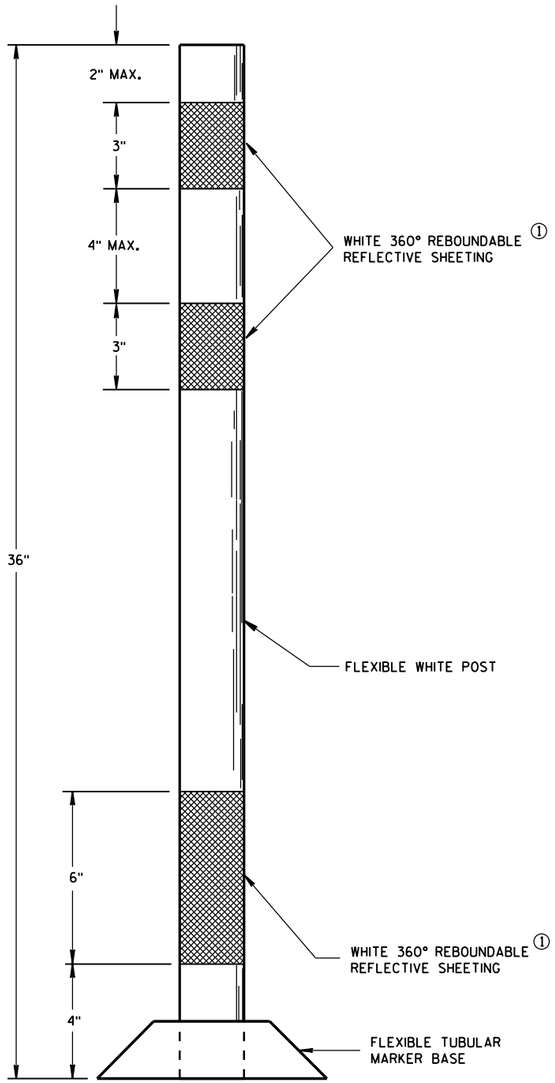
- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

6

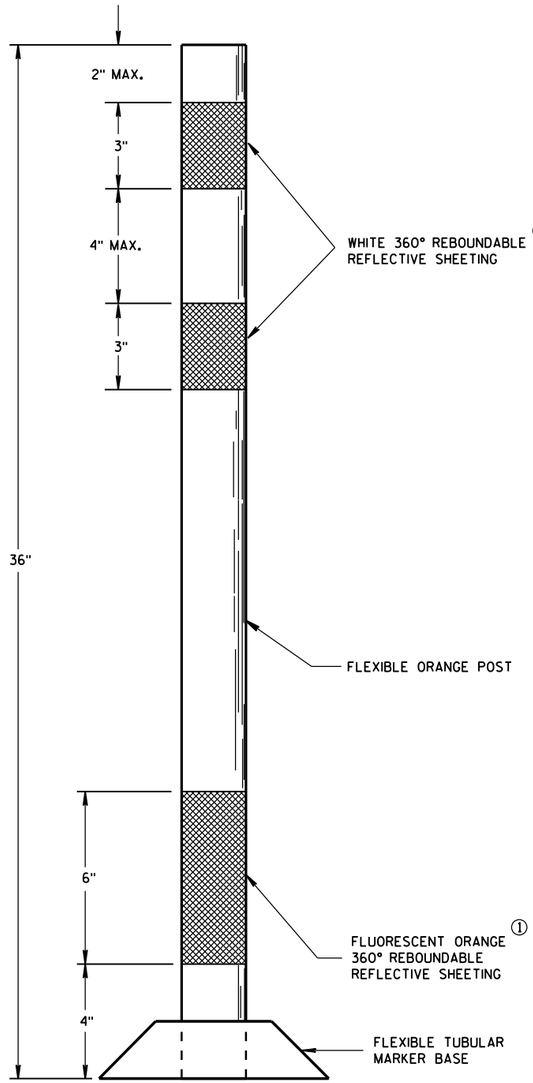
S.D.D. 15 C 8-17c

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO



FLEXIBLE
TUBULAR MARKER POST
PERMANENT CROSSOVER



FLEXIBLE
TUBULAR MARKER POST
WORK ZONE

GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

6

S.D.D. 15 C 11-6

S.D.D. 15 C 11-6

FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-16-2015
DATE
FHWA

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON
SAFETY ENGINE

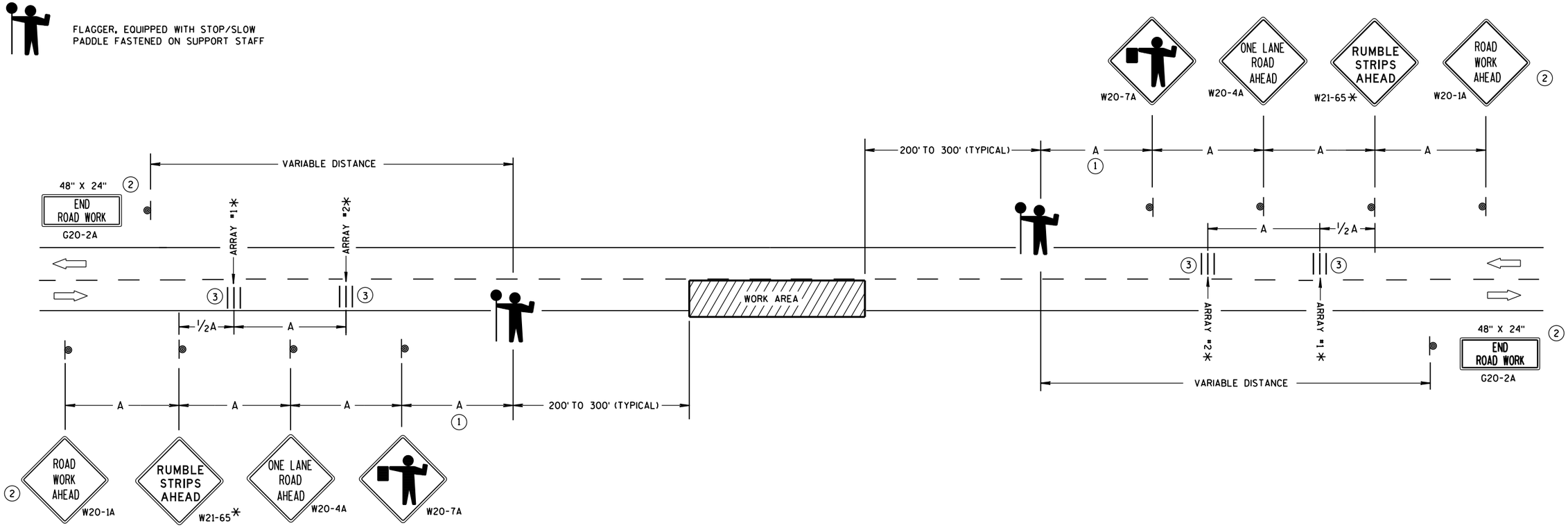
LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

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



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

GENERAL NOTES

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

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

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

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

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

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

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

* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

(1) FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

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

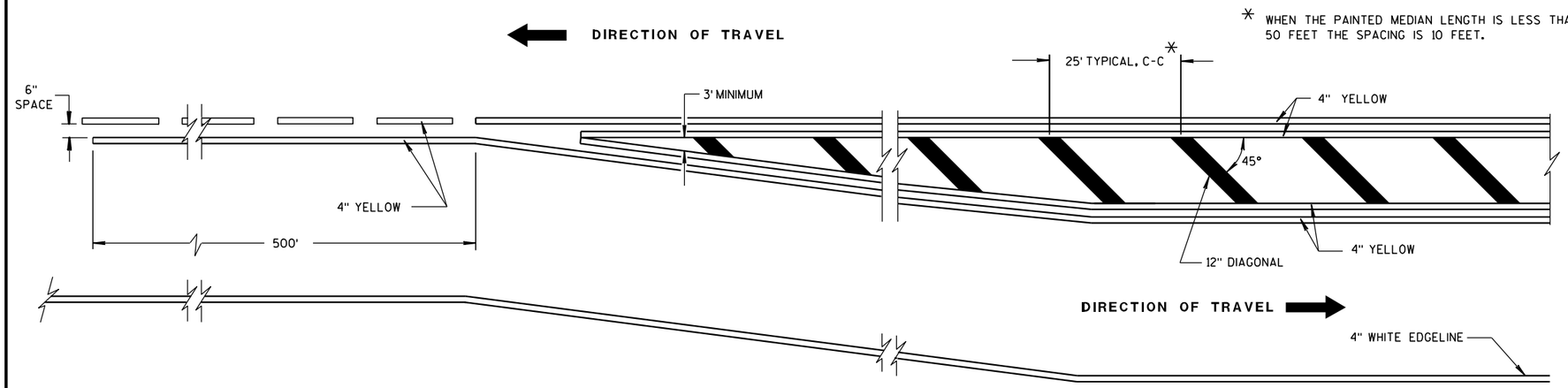
(3) EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 — /S/ Andrew Heldtke
DATE — WORK ZONE ENG
FHWA

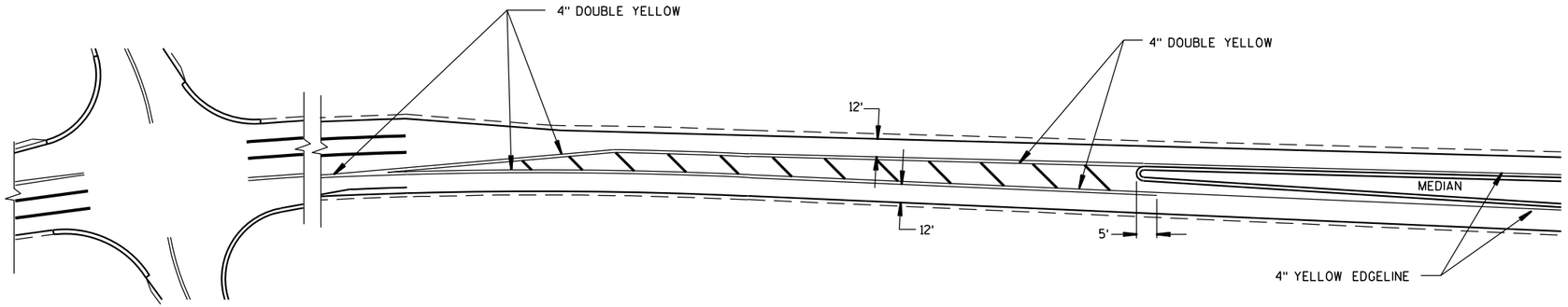
6
S.D.D. 15 C 12-5



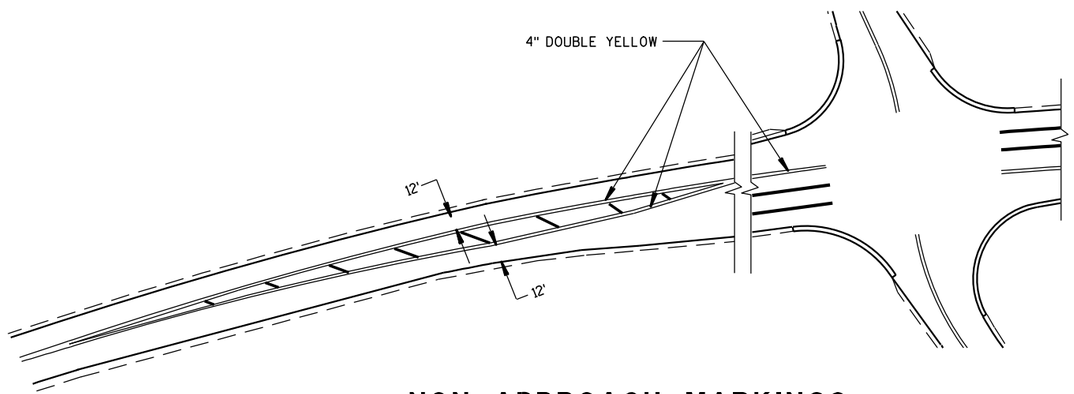
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER
FHWA	

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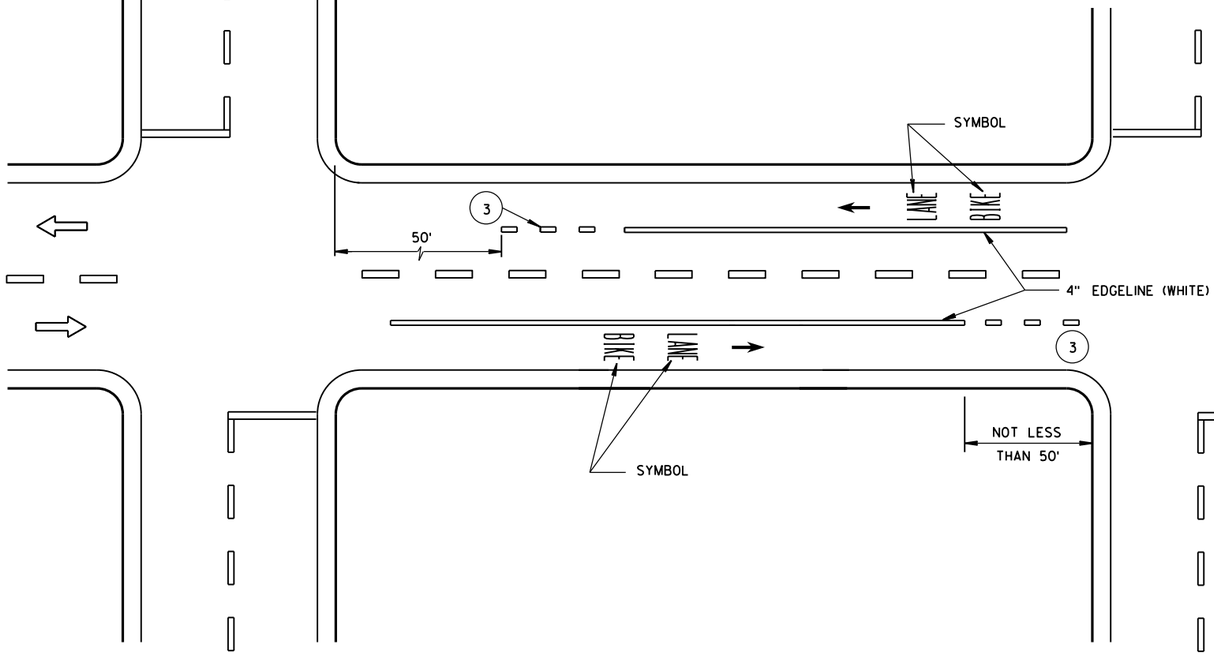
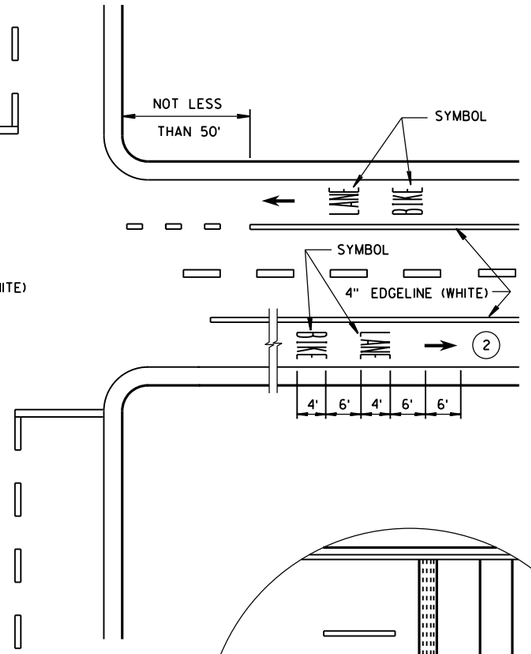


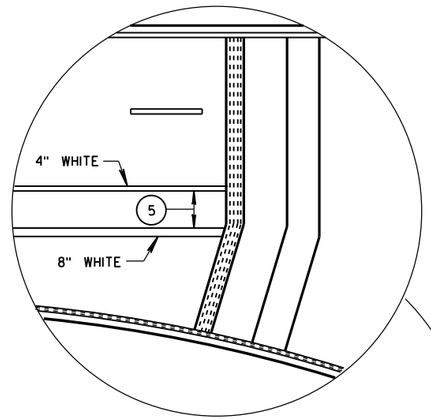


DESIGNATED BICYCLE LANE
NO PARKING

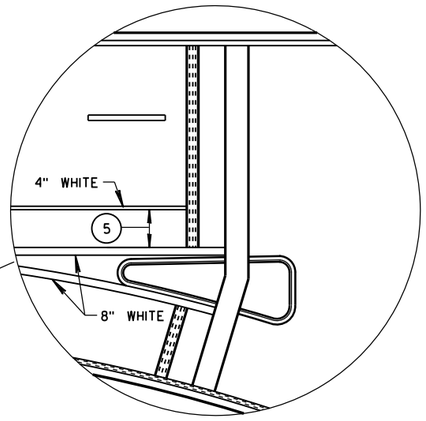
GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3'LINE, 9'GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. BIKE ACCOMODATION FOR CONCRETE PAVEMENT IS 5 FEET WIDE. BIKE ACCOMODATION FOR ASPHALT PAVEMENT IS A MINIMUM OF 4 FEET. USE 5 FEET AT ≥45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FEET WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

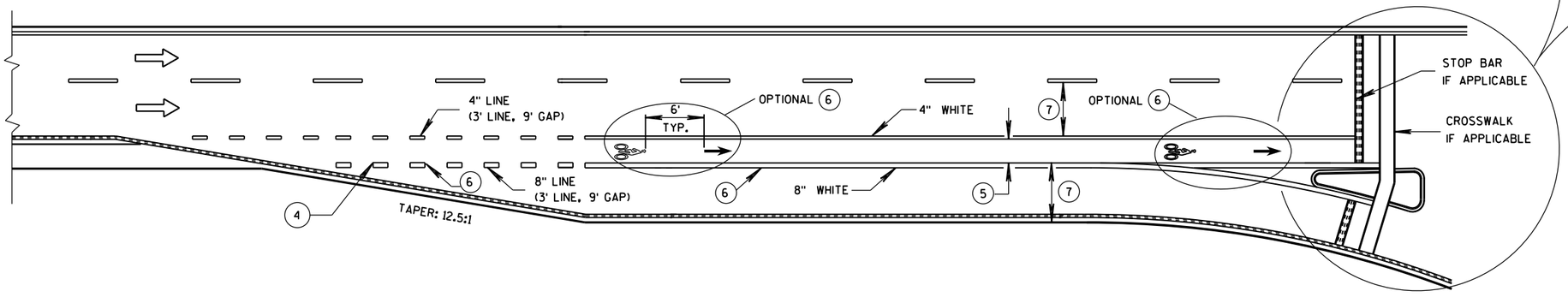
⇨ DIRECTION OF TRAVEL



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12-2016
DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER
FHWA

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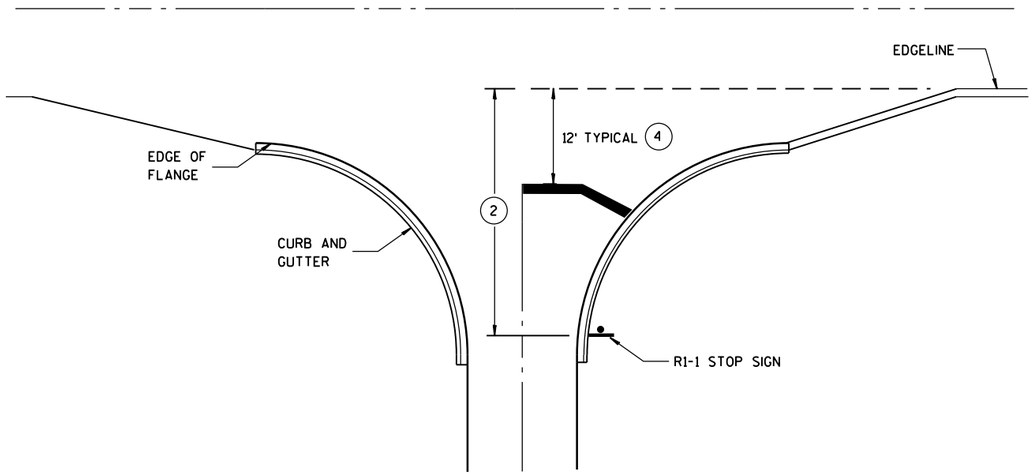
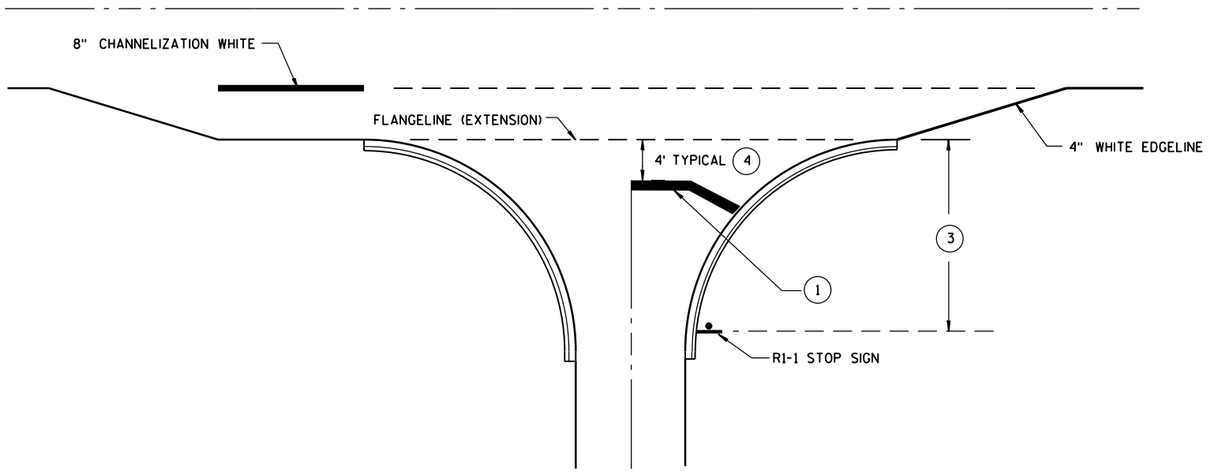
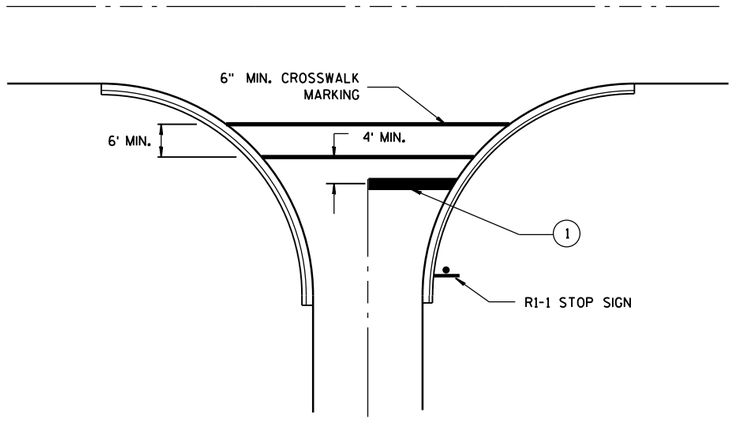


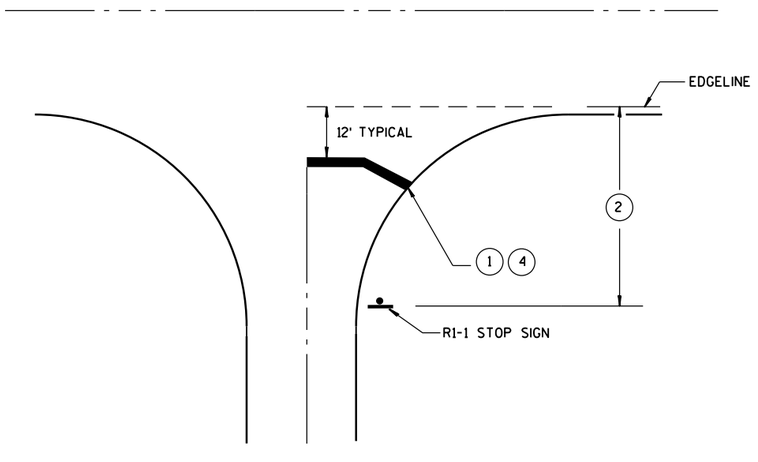
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR 396 NEER

FHWA

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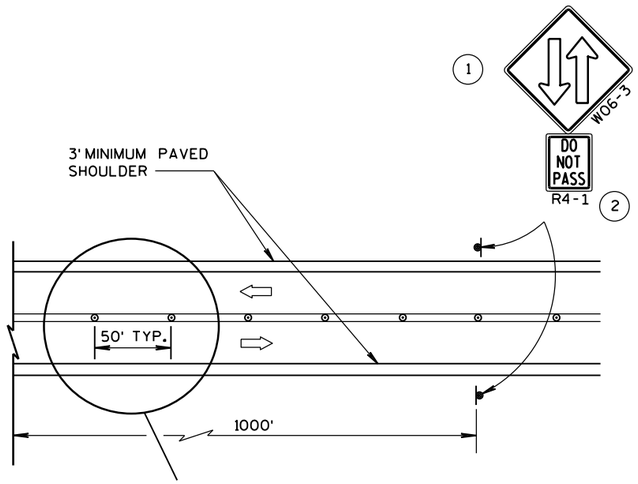
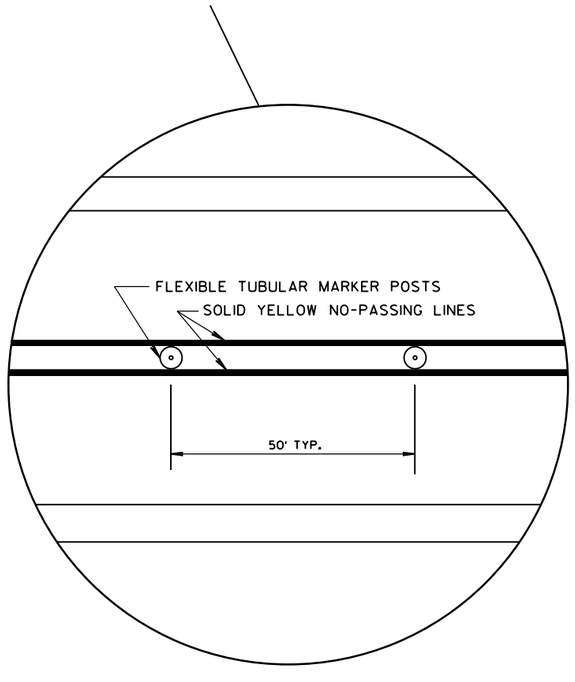


TWO LANE, TWO WAY OPERATION



LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"x48" UNLESS OTHERS NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50-FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW.

(1)

W057-51
48"x24"

R4-1 (2)

THE W06-3 WITH THE W057-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND/OR 500 FEET BEYOND ANY SIDEROAD. THE W06-3 WITH THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE W06-3 AND THE W057-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN W06-3 SIGNS.

(2) CONVENTIONAL: 24"x30"
FREEWAY AND EXPRESSWAY: 36"x48"

TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER — SIGN

FHWA

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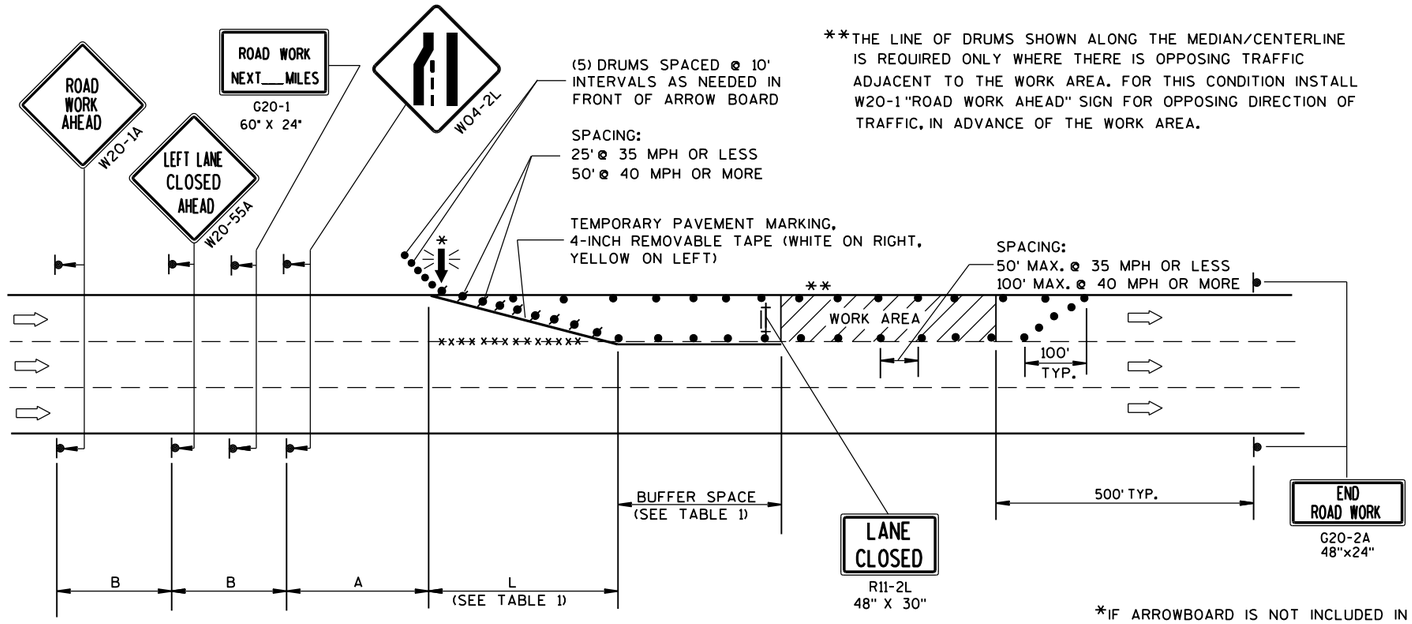

**THE LINE OF DRUMS SHOWN ALONG THE MEDIAN/CENTERLINE IS REQUIRED ONLY WHERE THERE IS OPPOSING TRAFFIC ADJACENT TO THE WORK AREA. FOR THIS CONDITION INSTALL W20-1 "ROAD WORK AHEAD" SIGN FOR OPPOSING DIRECTION OF TRAFFIC, IN ADVANCE OF THE WORK AREA.

B=400' AT 25-30 MPH
700' AT 35-40 MPH
1000' AT 45-55 MPH

A=200' AT 25-30 MPH
350' AT 35-40 MPH
500' AT 45-55 MPH

(PLACE BARRICADE AND SIGN APPROX. EVERY 1000' ACROSS THE CLOSED LANE)

*IF ARROWBOARD IS NOT INCLUDED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE A TYPE III BARRICADE WITH W01-6 SIGN IN THE LANE CLOSURE TAPER.

W01-6
48"x24"

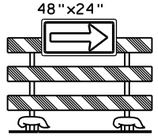

TABLE 1
TAPER AND BUFFER SPACE FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

PLACE THE ARROWBOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
FHWA

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER

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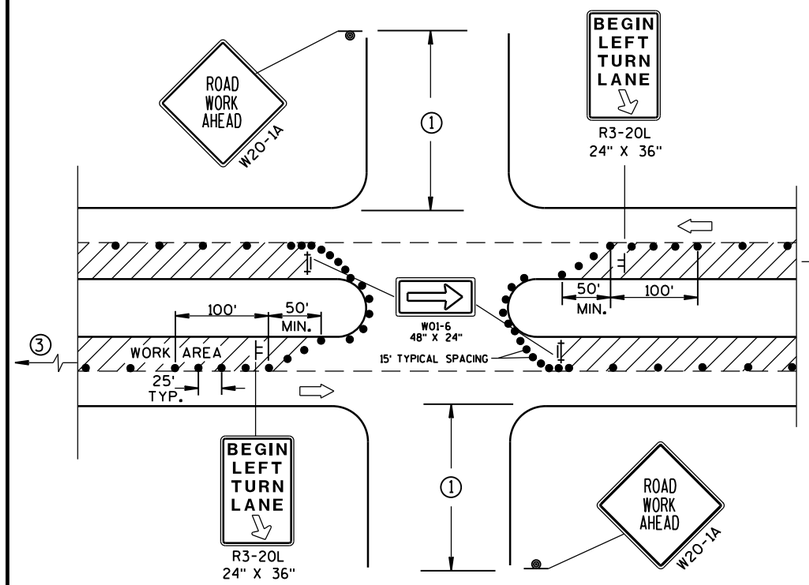
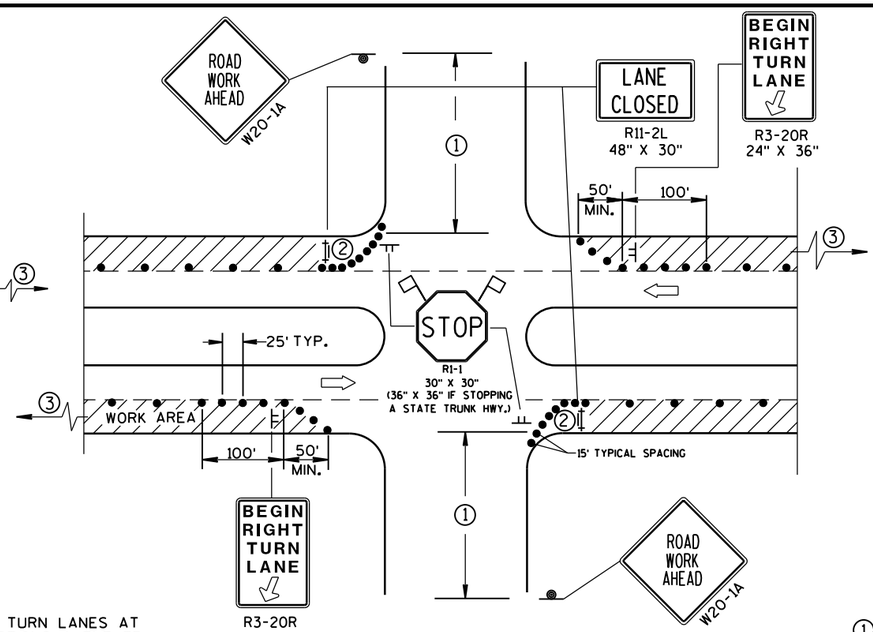


DETAIL A

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



DETAIL B

FOR RIGHT LANE CLOSURE AT INTERSECTION

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

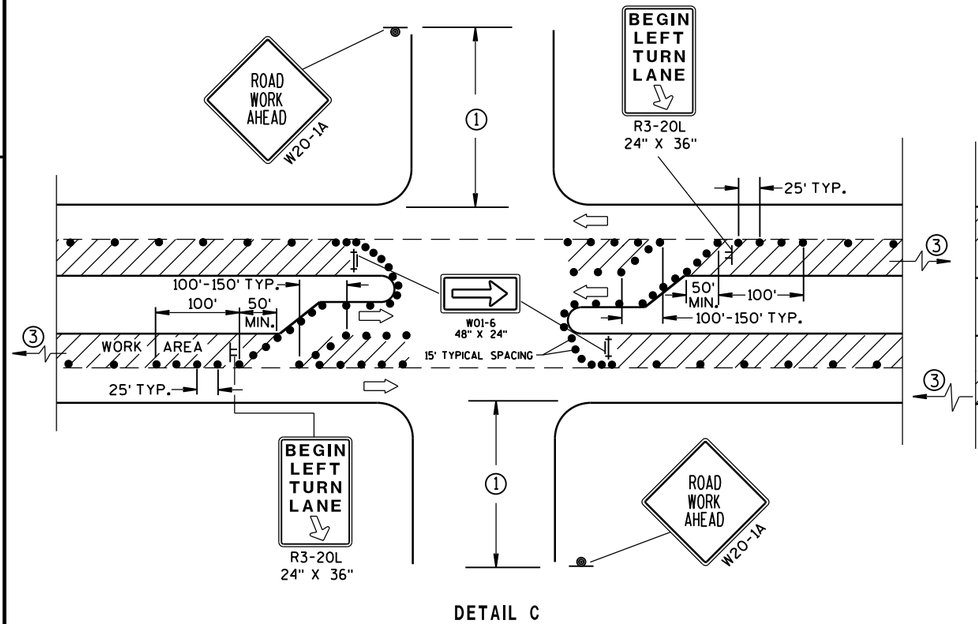
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

① 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35-40 MPH.
200' IF 25-30 MPH.

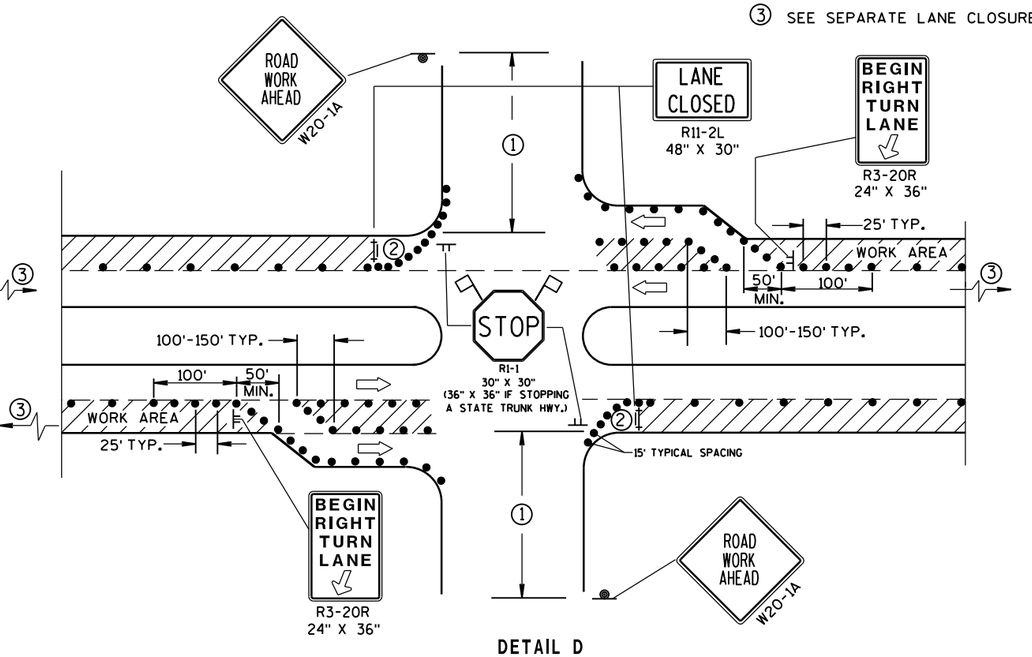
② ALSO USE BARRICADE AND 15-FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.

③ SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.



DETAIL C

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)



DETAIL D

FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT (5' MIN. MOUNTING HEIGHT)
- TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., (ORANGE)
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Peter Anakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]
FHWA

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GENERAL NOTES

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

TABLE A

S \ W	SHOULDER TAPER LENGTH (FEET) 4	6	8	10	BUFFER SPACE (FEET)
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

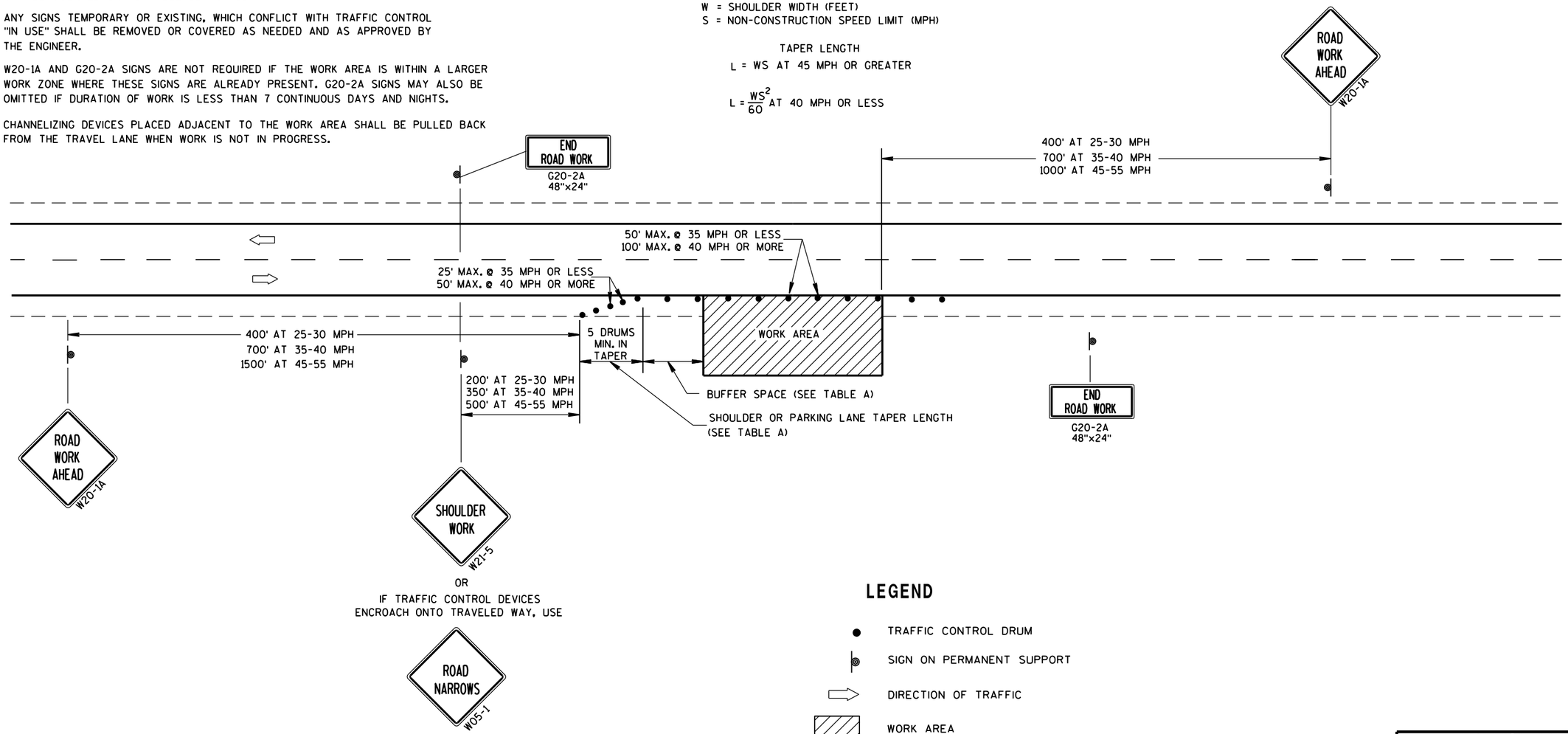
W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 14, 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI TIC

FHWA

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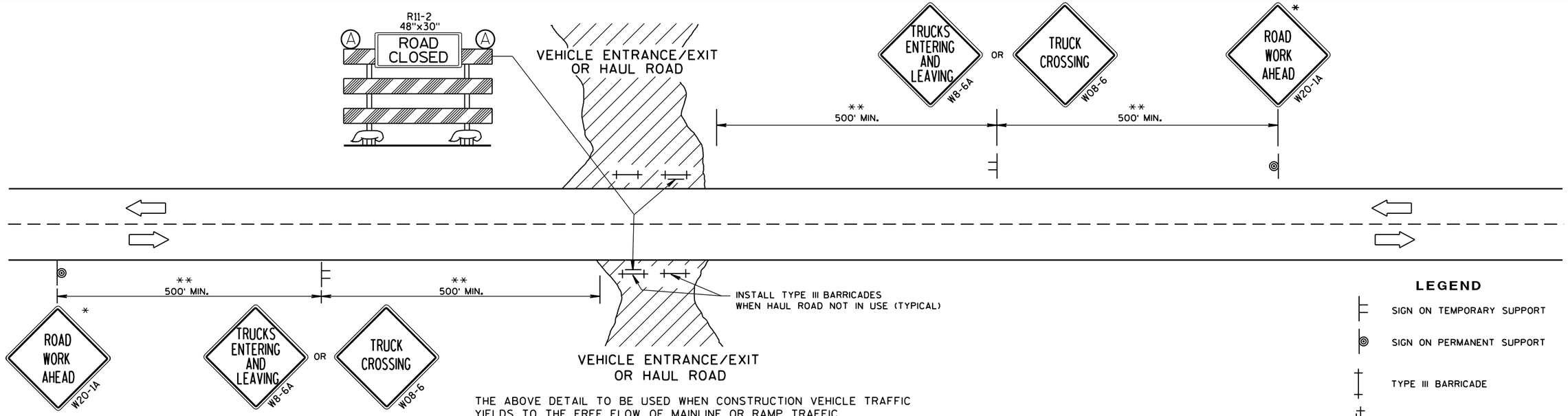


THE ABOVE DETAIL TO BE USED WHEN CONSTRUCTION VEHICLE TRAFFIC YIELDS TO THE FREE FLOW OF MAINLINE OR RAMP TRAFFIC

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

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

WHEN ACTIVITY REFLECTED BY THE SIGN IS NOT CURRENTLY TAKING PLACE, THE HIGHWAY SHALL BE RESTORED TO NORMAL CONDITION AND THE SIGNS SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC.

WHEN A SIDE ROAD OR RAMP INTERSECTS WITHIN THE ADVANCE SIGNING AREA, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

* THESE SIGNS ARE TO BE USED ONLY WHEN VEHICLE **ENTRANCE/EXIT CONDITIONS ARE SEPARATED BY MORE THAN 2 MILES** FROM PREVIOUS WORK AREA OR SIGNING OR AS DIRECTED BY THE ENGINEER.

** 500 FEET SHOWN IS FOR ROADWAYS WITH A NON-CONSTRUCTION REGULATORY SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FEET. FOR 25-30 MPH, USE 200 FEET. USE 1000 FEET/1500 FEET FOR EXPRESSWAY/FREEWAY.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

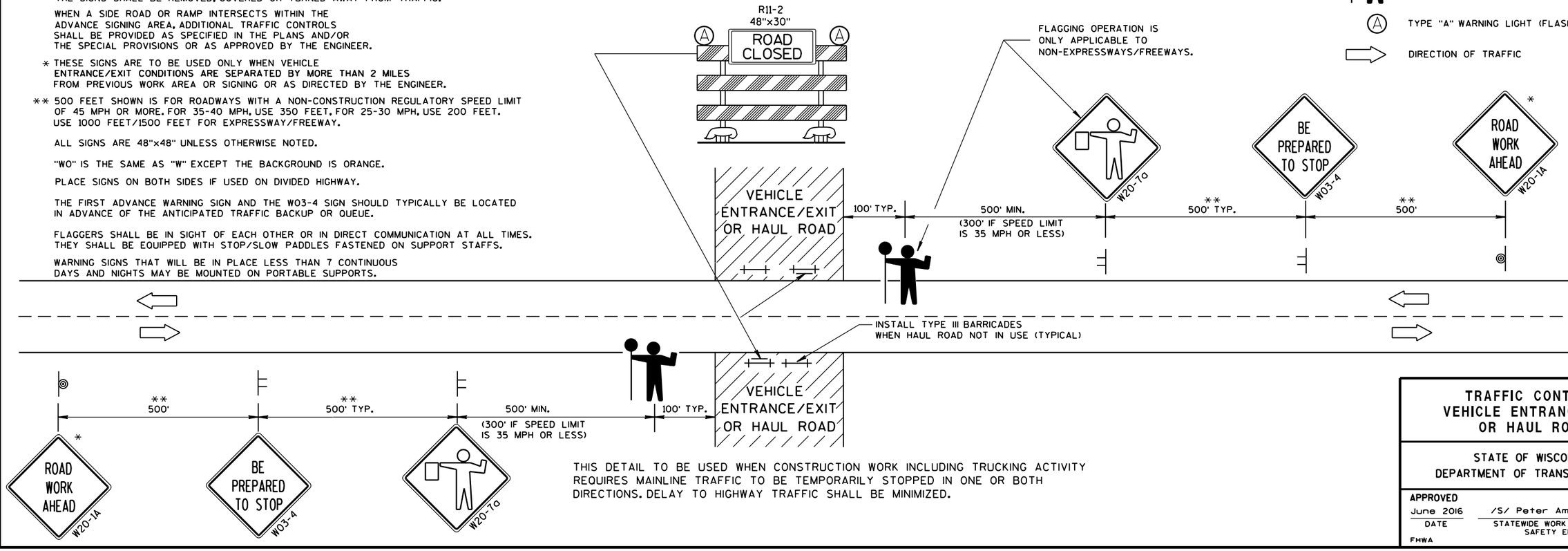
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

PLACE SIGNS ON BOTH SIDES IF USED ON DIVIDED HIGHWAY.

THE FIRST ADVANCE WARNING SIGN AND THE W03-4 SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS.

WARNING SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.



THIS DETAIL TO BE USED WHEN CONSTRUCTION WORK INCLUDING TRUCKING ACTIVITY REQUIRES MAINLINE TRAFFIC TO BE TEMPORARILY STOPPED IN ONE OR BOTH DIRECTIONS. DELAY TO HIGHWAY TRAFFIC SHALL BE MINIMIZED.

TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016	/S/ Peter Amakobe Atepe
DATE	STATEWIDE WORK ZONE SAFETY ENGINEER

FHWA

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S.D.D. 15 D 29-4

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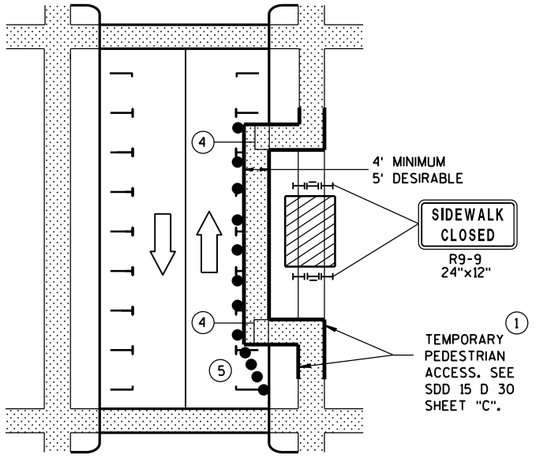
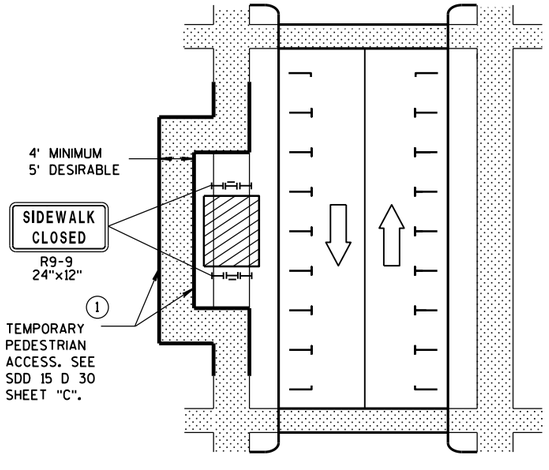
NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

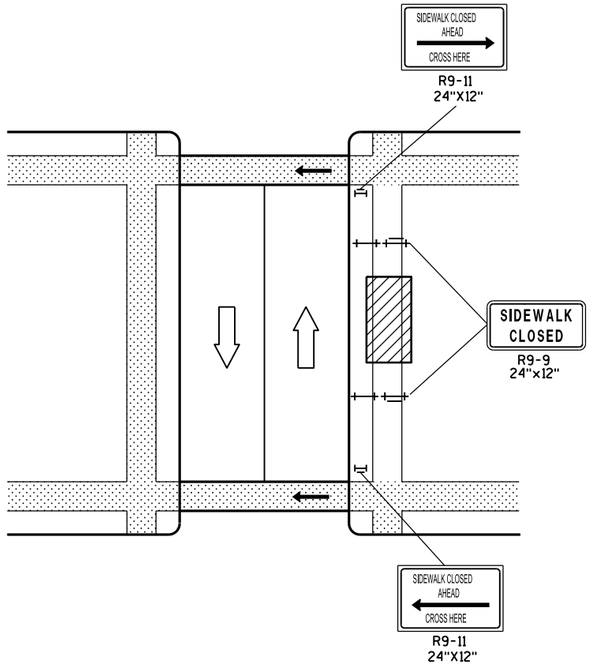


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

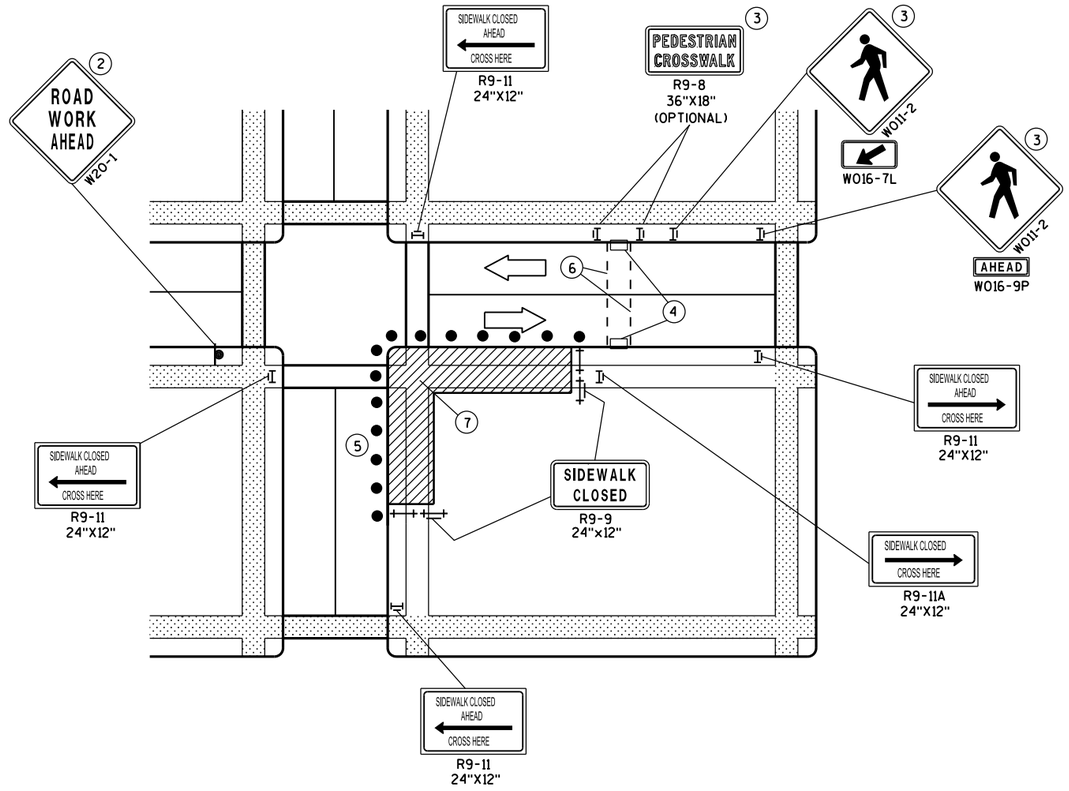
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 D 30-3a

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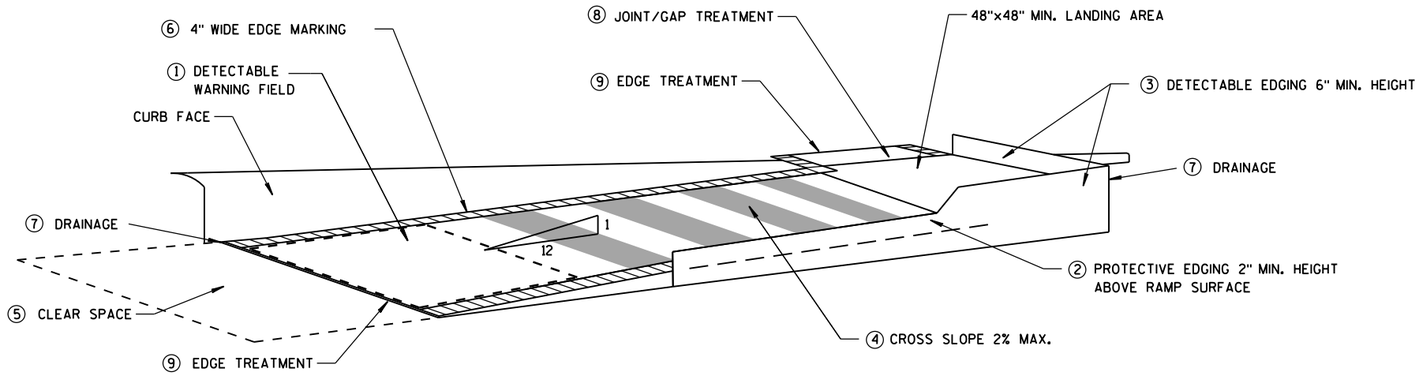
S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

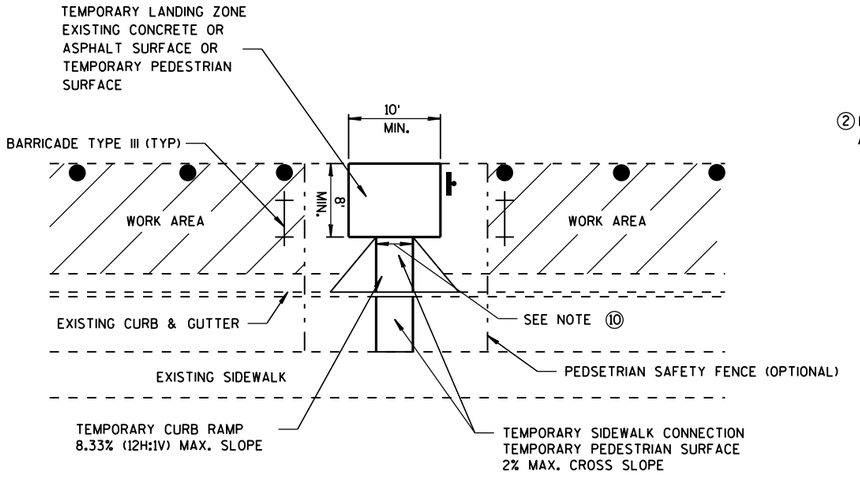
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

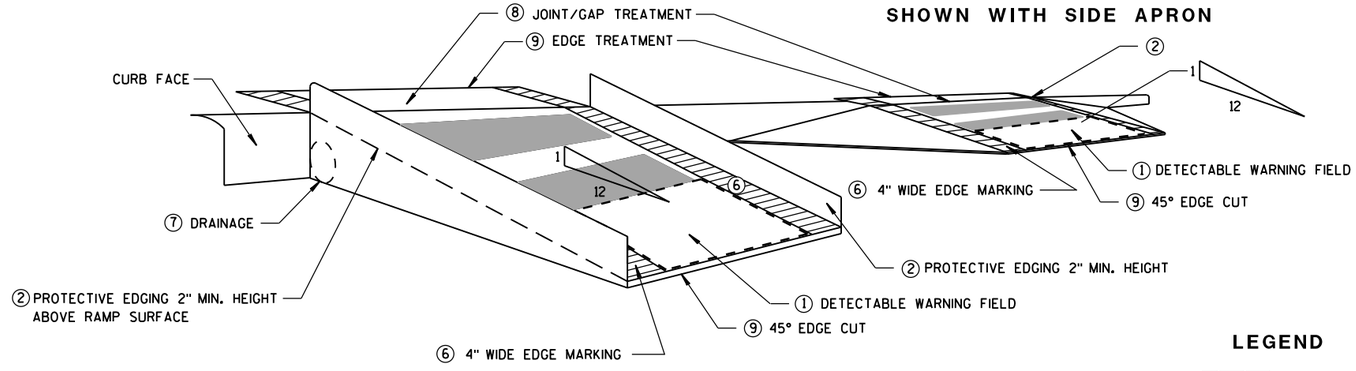
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH SIDE APRON

SHOWN WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

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S.D.D. 15 D 30-3b

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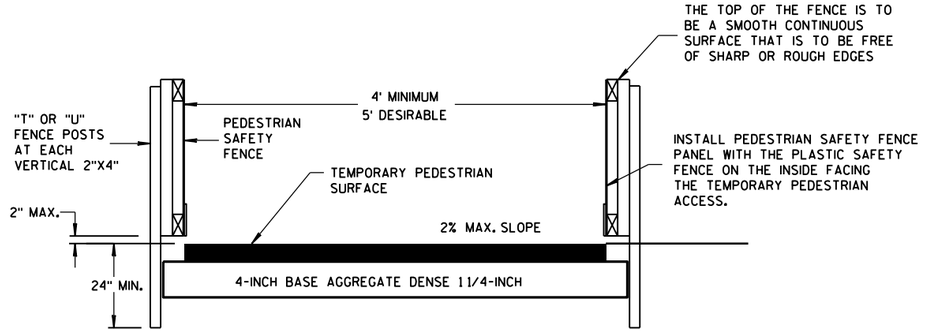
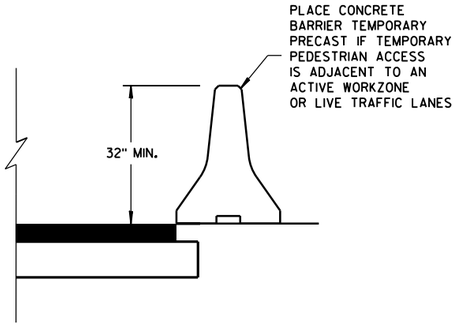
S.D.D. 15 D 30-3b

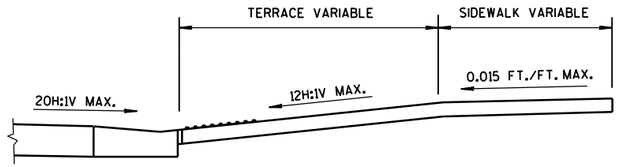




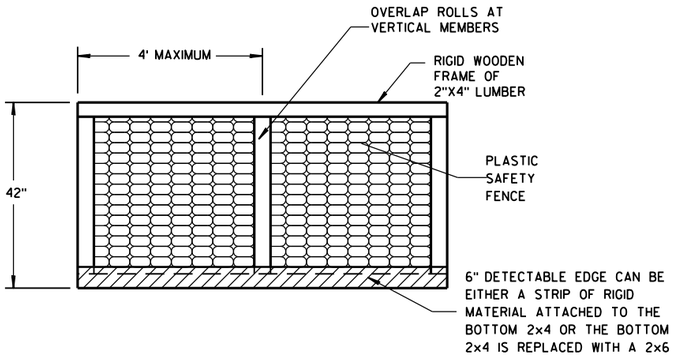
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

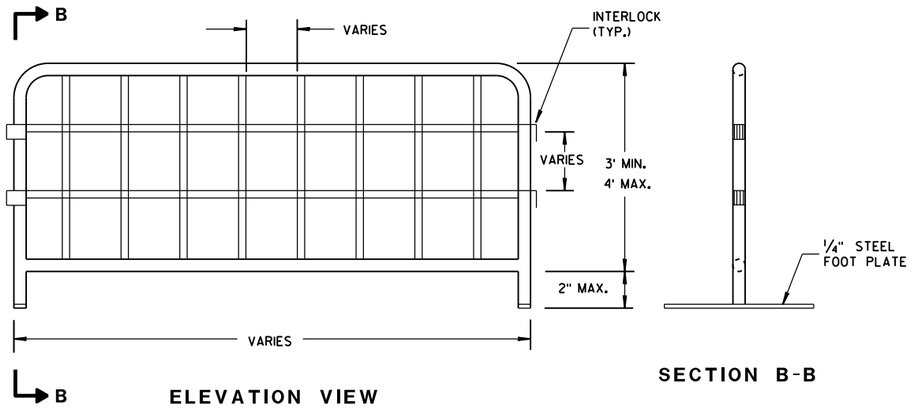
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



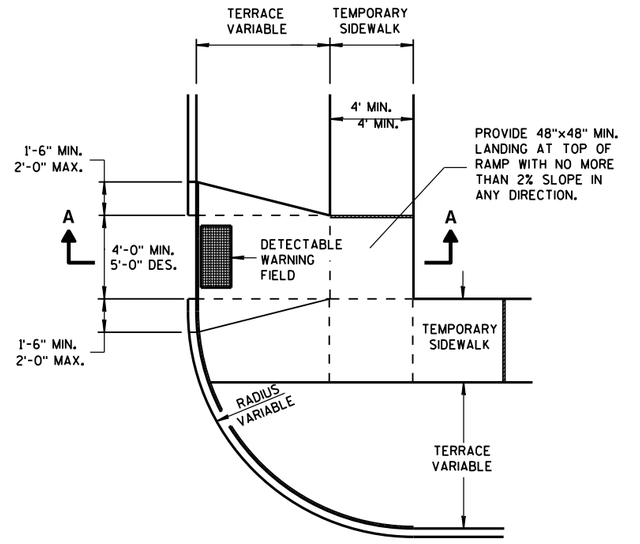
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

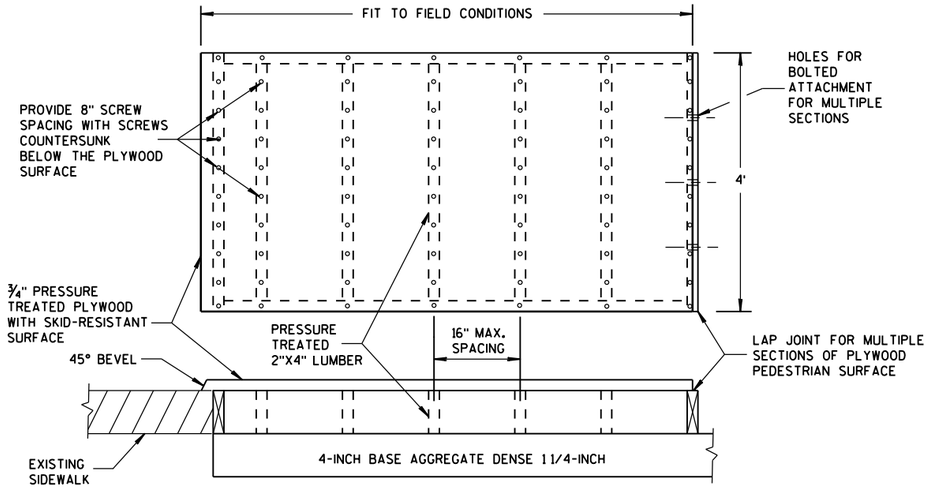
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



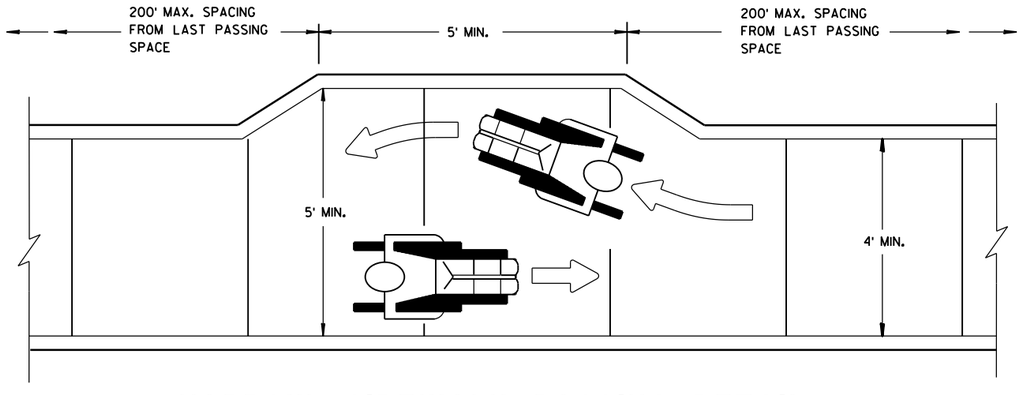
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON IC
SAFETY ENGIN
FHWA

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S.D.D. 15 D 30-3c

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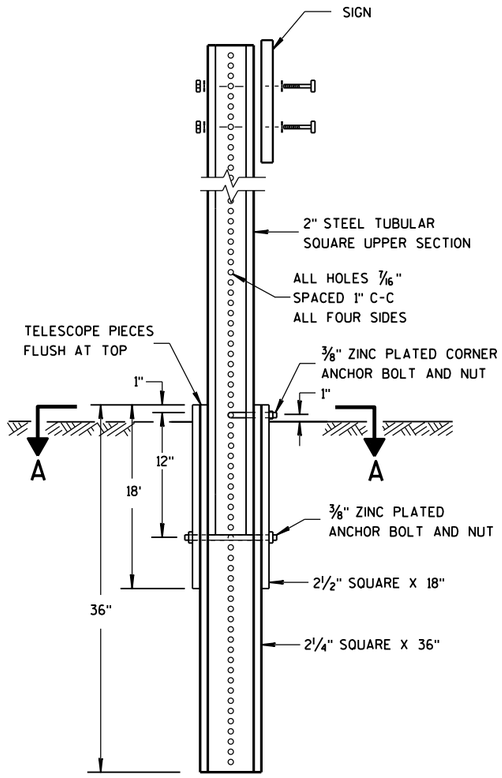
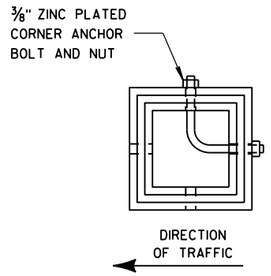
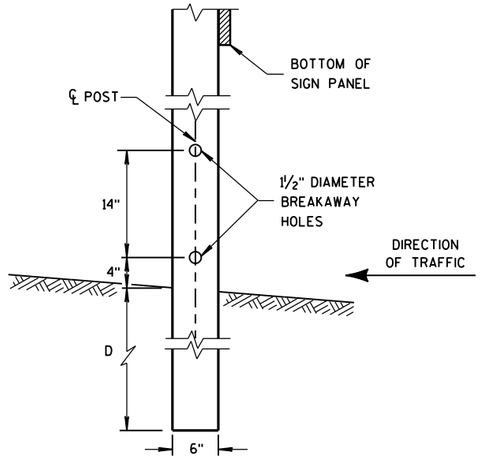


DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



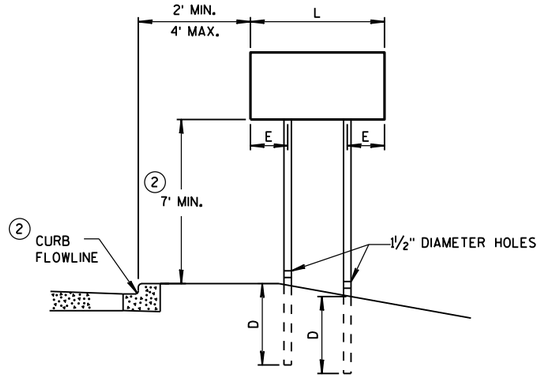
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

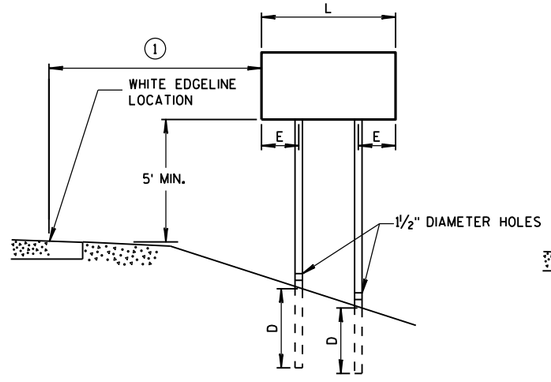
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

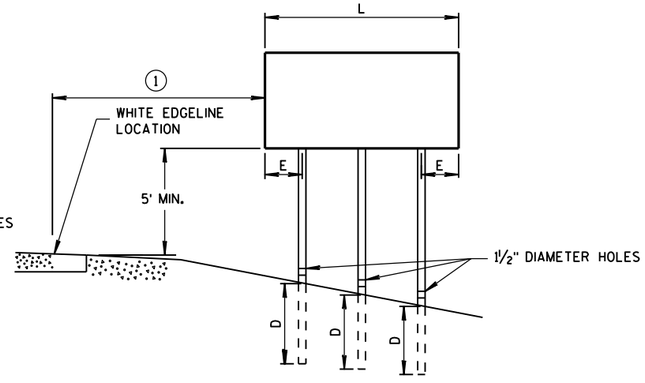
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

STATE OF WISCONSIN DEPARTMENT OF TRANSPO

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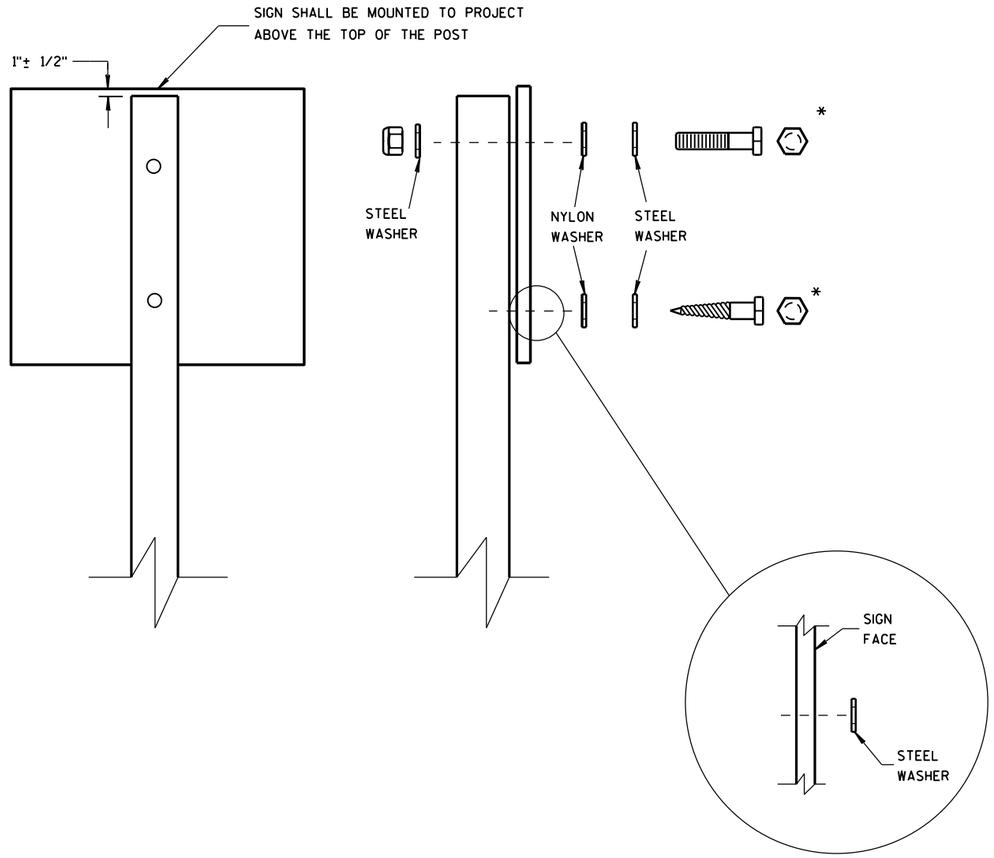
S.D.D. 15 D 38-1a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 5/16" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

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S.D.D. 15 D 38-1b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

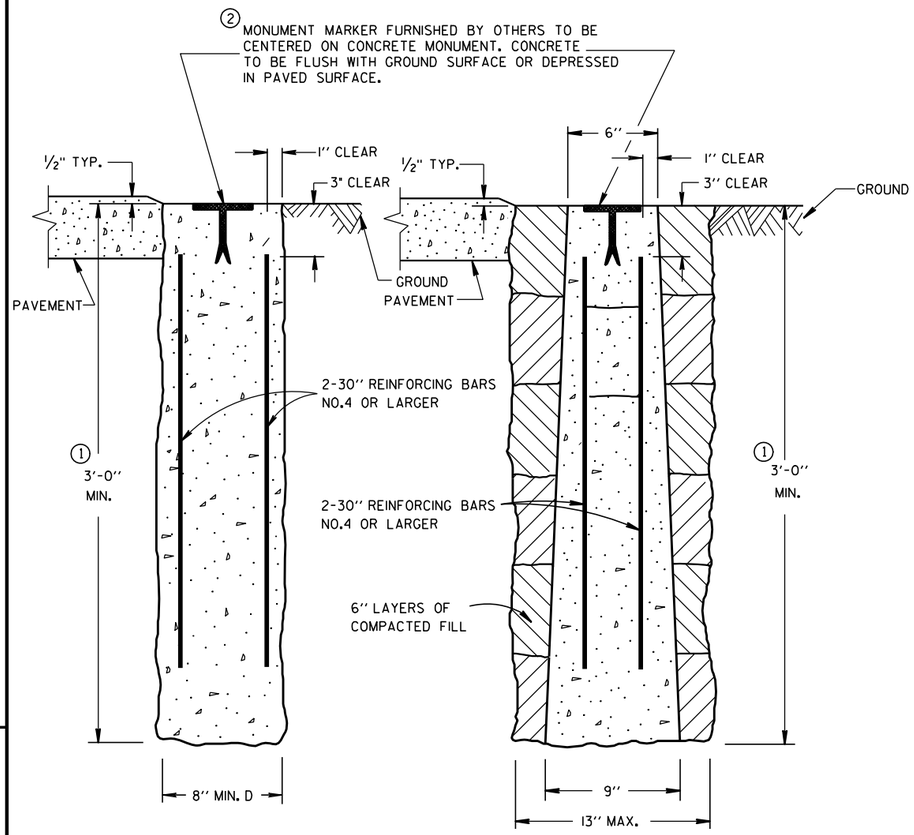
APPROVED

Feb. 2015 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

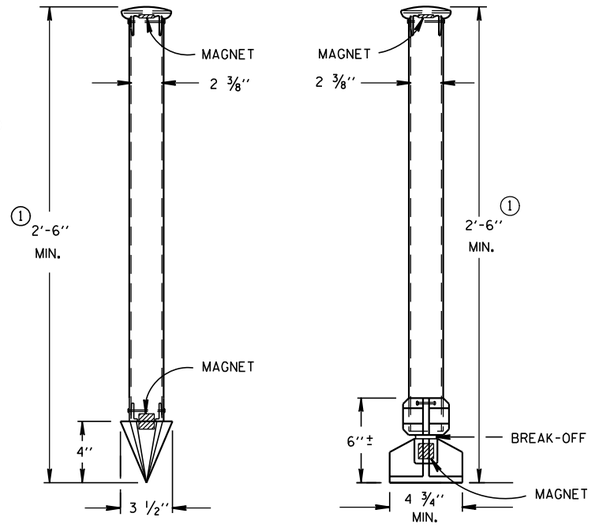
SIGN



CAST-IN-PLACE PRECAST

CONCRETE MONUMENTS

TYPE A



TYPE C DRIVE-IN MONUMENT

TYPE D BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)

GENERAL NOTES

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.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

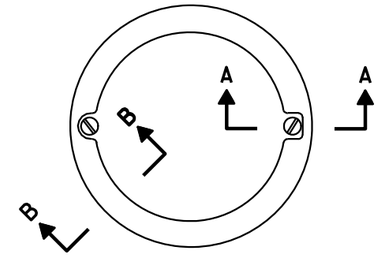
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

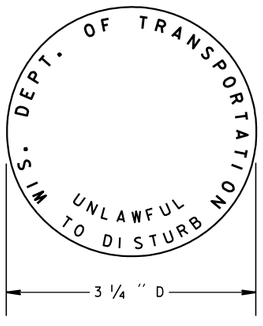
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

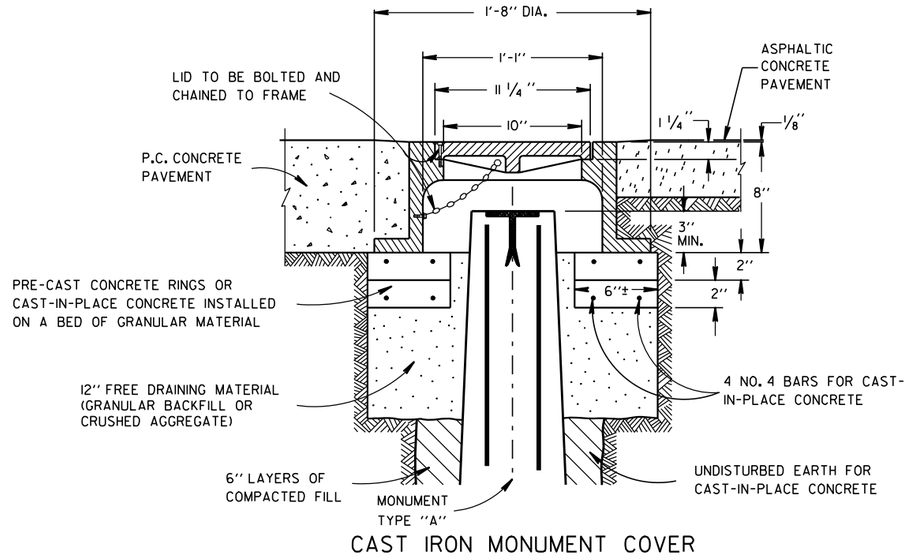
② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW

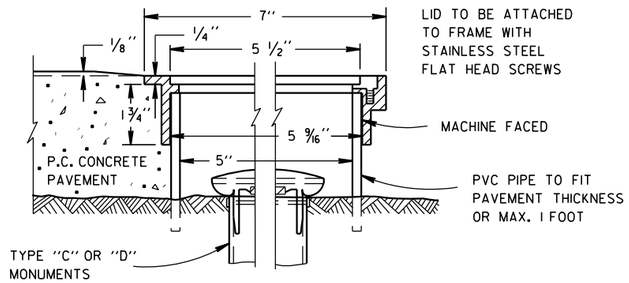


② WIS DOT MONUMENT MARKER LOGO FOR TYPES "A", "C" & "D"



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT - 95 LBS.)



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)

(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MOUNMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

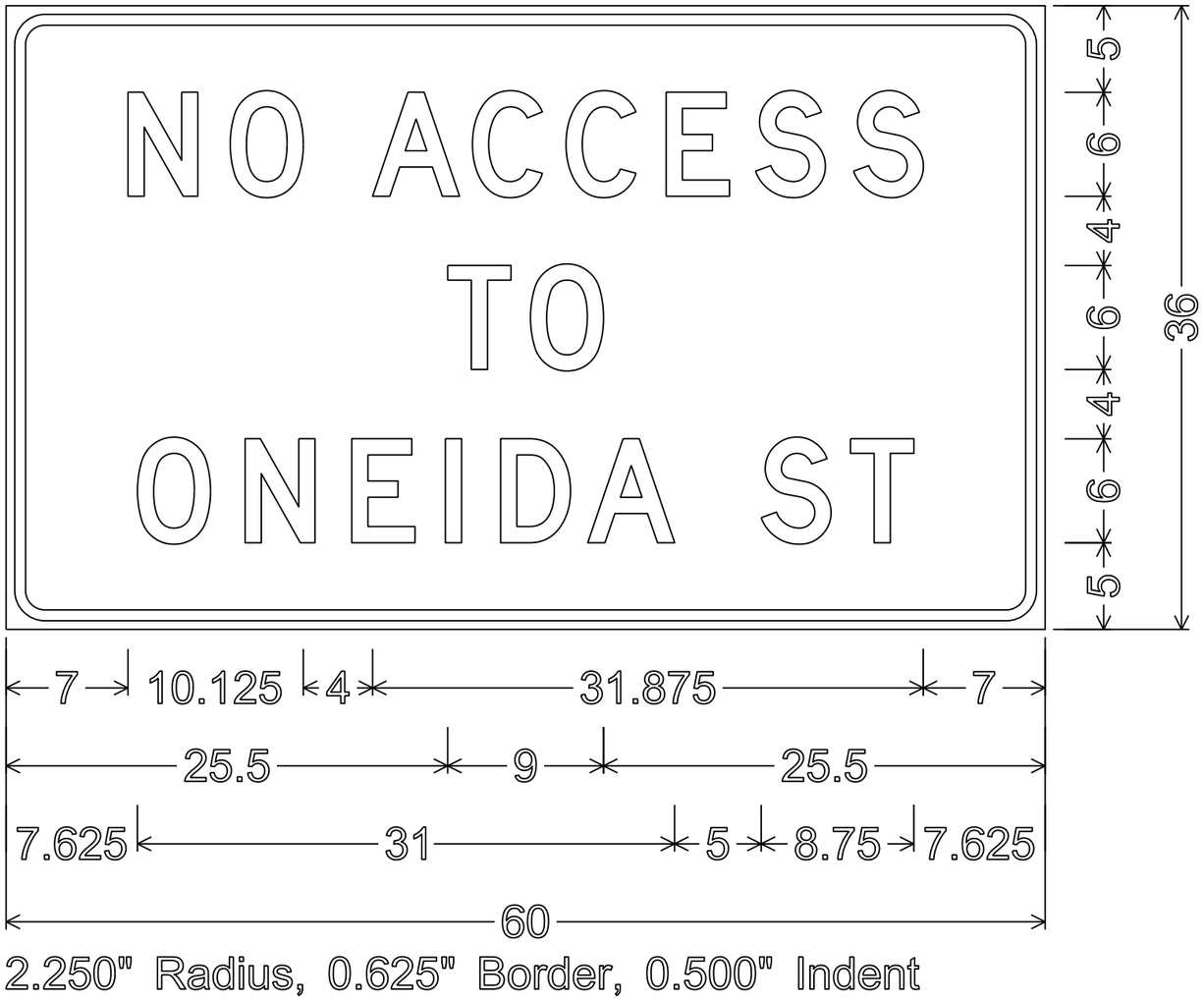
9/22/1999 DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 407 NEER

FHWA

NOTES

1. Fixed Message Type II Signs - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



2.250" Radius, 0.625" Border, 0.500" Indent

7

7

PROJECT NO: 4984-01-74	HWY: ONEIDA ST	COUNTY: OUTAGAMIE	TEMPORARY SIGNING	SHEET NO: 408	E

ONEIDA STREET STAGE 2									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
71+47	7147.00	0.00	28.78	6.63	0	0	0	0	0
71+50	7150.00	3.00	29.49	5.74	3	1	3	1	2
72+00	7200.00	50.00	39.41	1.11	64	6	67	9	58
72+50	7250.00	50.00	54.02	0.86	87	2	154	11	142
73+00	7300.00	50.00	66.63	0.03	112	1	265	12	253
73+50	7350.00	50.00	66.18	0.06	123	0	388	12	376
74+00	7400.00	50.00	66.36	0.00	123	0	511	12	499
74+50	7450.00	50.00	64.95	0.00	122	0	633	12	620
75+00	7500.00	50.00	62.19	0.00	118	0	750	12	738
75+50	7550.00	50.00	60.10	0.00	113	0	863	12	851
75+66.03	7566.03	16.03	77.79	0.00	41	0	904	12	892
75+66.04	7566.04	0.01	48.79	0.00	0	0	904	12	892
75+82.75	7582.75	16.71	48.48	0.00	30	0	935	12	922
76+00	7600.00	17.25	36.35	0.00	27	0	962	12	949
76+50	7650.00	50.00	26.66	0.00	58	0	1,020	12	1,008
77+00	7700.00	50.00	35.95	0.00	58	0	1,078	12	1,066
77+50	7750.00	50.00	25.26	0.01	57	0	1,135	12	1,122
78+00	7800.00	50.00	32.39	0.00	53	0	1,188	12	1,176
78+50	7850.00	50.00	24.73	0.14	53	0	1,241	12	1,228
79+00	7900.00	50.00	24.56	0.56	46	1	1,287	13	1,273
79+50	7950.00	50.00	86.55	0.00	103	1	1,389	14	1,376
79+71.82	7971.82	21.82	72.39	0.00	64	0	1,454	14	1,440
80+00	8000.00	28.18	43.24	0.00	60	0	1,514	14	1,500
80+50	8050.00	50.00	23.66	2.55	62	2	1,576	17	1,559
81+00	8100.00	50.00	26.02	0.00	46	2	1,622	20	1,602
81+50	8150.00	50.00	28.23	0.00	50	0	1,672	20	1,652
82+00	8200.00	50.00	21.41	0.05	46	0	1,718	20	1,698
82+50	8250.00	50.00	24.08	0.00	42	0	1,760	20	1,740
83+00	8300.00	50.00	29.79	0.00	50	0	1,810	20	1,790
83+32.23	8332.23	32.23	57.60	0.00	52	0	1,862	20	1,842
83+50	8350.00	17.77	51.50	0.00	36	0	1,898	20	1,878
84+00	8400.00	50.00	37.39	0.13	82	0	1,980	20	1,960
84+50	8450.00	50.00	44.25	0.00	76	0	2,056	20	2,036
85+00	8500.00	50.00	38.29	0.00	76	0	2,133	20	2,112
85+50	8550.00	50.00	37.45	0.00	70	0	2,203	20	2,182
86+00	8600.00	50.00	36.31	0.00	68	0	2,271	20	2,251
86+31.18	8631.18	31.18	62.53	0.00	57	0	2,328	20	2,308
86+50	8650.00	18.82	51.61	0.00	40	0	2,368	20	2,348
87+00	8700.00	50.00	34.63	0.00	80	0	2,448	20	2,427
87+50	8750.00	50.00	32.89	0.00	63	0	2,510	20	2,490

ONEIDA STREET STAGE 2 (Continued)									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
88+00	8800.00	50.00	33.41	0.00	61	0	2,572	20	2,551
88+50	8850.00	50.00	37.09	0.00	65	0	2,637	20	2,617
89+00	8900.00	50.00	39.75	0.00	71	0	2,708	20	2,688
89+31.51	8931.51	31.51	67.45	0.00	63	0	2,771	20	2,750
89+50	8950.00	18.49	62.07	0.00	44	0	2,815	20	2,795
89+74.98	8974.98	24.98	39.70	0.00	47	0	2,862	20	2,842
89+74.99	8974.99	0.01	60.83	0.00	0	0	2,862	20	2,842
90+00	9000.00	25.01	62.67	0.00	57	0	2,919	20	2,899
90+50	9050.00	50.00	63.34	0.00	117	0	3,036	20	3,016
91+00	9100.00	50.00	66.73	0.00	120	0	3,156	20	3,136
91+50	9150.00	50.00	69.49	0.00	126	0	3,282	20	3,262
92+00	9200.00	50.00	58.39	0.00	118	0	3,401	20	3,381
92+31.47	9231.47	31.47	80.61	0.00	81	0	3,482	20	3,462
92+50	9250.00	18.53	55.26	0.00	47	0	3,528	20	3,508
93+00	9300.00	50.00	36.15	0.65	85	1	3,613	21	3,592
93+50	9350.00	50.00	25.46	1.24	57	2	3,670	23	3,647
94+00	9400.00	50.00	21.48	3.19	43	4	3,714	28	3,685
94+50	9450.00	50.00	15.39	2.74	34	5	3,748	35	3,713
95+00	9500.00	50.00	33.80	0.00	46	3	3,793	38	3,755
95+33.96	9533.96	33.96	37.01	0.00	45	0	3,838	38	3,799
95+50	9550.00	16.04	33.31	0.00	21	0	3,859	38	3,820
96+00	9600.00	50.00	36.76	1.04	65	1	3,924	40	3,884
96+50	9650.00	50.00	45.66	0.37	76	1	4,000	41	3,959
97+00	9700.00	50.00	52.45	0.00	91	0	4,091	42	4,049
97+50	9750.00	50.00	51.59	0.00	96	0	4,187	42	4,145
98+00	9800.00	50.00	58.25	0.00	102	0	4,289	42	4,247
98+50	9850.00	50.00	45.96	0.00	96	0	4,385	42	4,344
99+00	9900.00	50.00	73.04	0.00	110	0	4,495	42	4,454
99+03.2	9903.20	3.20	73.28	0.00	9	0	4,504	42	4,462
99+50	9950.00	46.80	48.33	0.15	105	0	4,610	42	4,568
99+53.28	9953.28	3.28	46.78	0.18	6	0	4,615	42	4,573
99+53.29	9953.29	0.01	31.53	0.18	0	0	4,615	42	4,573
100+00	10000.00	46.71	30.45	0.51	54	1	4,669	43	4,626
100+50	10050.00	50.00	30.32	0.44	56	1	4,725	44	4,682
101+00	10100.00	50.00	28.51	1.20	54	2	4,780	46	4,734
101+50	10150.00	50.00	25.27	0.53	50	2	4,829	48	4,782
102+00	10200.00	50.00	26.02	0.13	47	1	4,877	48	4,829
102+50	10250.00	50.00	23.40	0.08	46	0	4,923	49	4,874
103+00	10300.00	50.00	22.58	2.66	43	3	4,965	52	4,914
103+50	10350.00	50.00	32.02	0.00	51	2	5,016	55	4,961

ONEIDA STREET STAGE 2 (Continued)									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
104+00	10400.00	50.00	30.66	1.02	58	1	5,074	56	5,018
104+50	10450.00	50.00	51.33	0.00	76	1	5,150	57	5,093
105+00	10500.00	50.00	59.45	0.00	103	0	5,252	57	5,195
105+50	10550.00	50.00	51.46	0.00	103	0	5,355	57	5,298
106+00	10600.00	50.00	29.96	0.00	75	0	5,430	57	5,373
106+50	10650.00	50.00	17.69	0.64	44	1	5,475	58	5,417
107+00	10700.00	50.00	13.75	3.76	29	4	5,504	63	5,441
107+50	10750.00	50.00	20.43	0.00	32	3	5,535	67	5,468
108+00	10800.00	50.00	30.57	0.11	47	0	5,583	67	5,515
108+50	10850.00	50.00	85.70	0.00	108	0	5,690	68	5,623
108+76.73	10876.73	26.73	133.30	0.00	108	0	5,799	68	5,731
109+00	10900.00	23.27	69.09	0.00	87	0	5,886	68	5,818
109+50	10950.00	50.00	60.23	0.00	120	0	6,006	68	5,938
110+00	11000.00	50.00	57.30	0.00	109	0	6,114	68	6,047
110+50	11050.00	50.00	53.41	0.00	103	0	6,217	68	6,149
111+00	11100.00	50.00	48.28	0.00	94	0	6,311	68	6,243
111+50	11150.00	50.00	42.13	0.09	84	0	6,395	68	6,327
112+00	11200.00	50.00	33.18	1.86	70	2	6,464	70	6,395
112+50	11250.00	50.00	34.67	5.80	63	7	6,527	79	6,448
113+00	11300.00	50.00	29.93	4.58	60	10	6,587	91	6,496
113+50	11350.00	50.00	29.50	2.05	55	6	6,642	99	6,544
114+00	11400.00	50.00	26.02	0.90	51	3	6,694	102	6,592
114+50	11450.00	50.00	35.47	0.00	57	1	6,750	103	6,647
115+00	11500.00	50.00	45.99	0.00	75	0	6,826	103	6,723
115+50	11550.00	50.00	47.78	0.00	87	0	6,913	103	6,810
116+00	11600.00	50.00	141.14	0.00	175	0	7,088	103	6,985
116+15.98	11615.98	15.98	145.65	0.00	85	0	7,173	103	7,070
116+50	11650.00	34.02	28.36	0.00	110	0	7,282	103	7,179
117+00	11700.00	50.00	18.19	1.52	43	1	7,325	105	7,221
117+50	11750.00	50.00	8.17	5.31	24	6	7,350	113	7,237
118+00	11800.00	50.00	2.63	7.28	10	12	7,360	127	7,232
118+50	11850.00	50.00	3.22	6.30	5	13	7,365	143	7,222
119+00	11900.00	50.00	1.71	12.77	5	18	7,370	165	7,205
119+50	11950.00	50.00	11.69	0.00	12	12	7,382	180	7,202
119+78.15	11978.15	28.15	40.72	0.00	27	0	7,409	180	7,230
120+00	12000.00	21.85	23.28	0.00	26	0	7,435	180	7,255
120+50	12050.00	50.00	22.94	0.01	43	0	7,478	180	7,298
121+00	12100.00	50.00	26.95	0.33	46	0	7,524	180	7,344
121+50	12150.00	50.00	29.95	0.00	53	0	7,577	181	7,396
122+00	12200.00	50.00	26.85	0.45	53	0	7,630	181	7,448

ONEIDA STREET STAGE 2 (Continued)									
			AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
STATION	Real Station	Distance	Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Ordinate Note 10
122+50	12250.00	50.00	26.00	2.67	49	3	7,678	185	7,494
123+00	12300.00	50.00	56.15	0.00	76	2	7,755	188	7,567
123+03.36	12303.36	3.36	57.40	0.00	7	0	7,762	188	7,574
123+50	12350.00	46.64	24.26	0.43	71	0	7,832	188	7,644
124+00	12400.00	50.00	21.55	4.48	42	5	7,875	194	7,681
124+50	12450.00	50.00	20.79	7.05	39	11	7,914	207	7,706
125+00	12500.00	50.00	19.76	9.92	38	16	7,951	227	7,724
125+50	12550.00	50.00	21.87	9.67	39	18	7,990	250	7,740
126+00	12600.00	50.00	23.30	11.04	42	19	8,032	274	7,758
126+50	12650.00	50.00	22.95	13.01	43	22	8,074	301	7,773
127+00	12700.00	50.00	33.51	3.49	52	15	8,127	321	7,806
127+36.63	12736.63	36.63	37.38	0.00	48	2	8,175	323	7,851
127+50	12750.00	13.37	44.21	0.00	20	0	8,195	323	7,872
128+00	12800.00	50.00	11.21	0.00	51	0	8,246	323	7,923
128+50	12850.00	50.00	20.18	0.03	29	0	8,275	324	7,952
129+00	12900.00	50.00	28.36	0.00	45	0	8,320	324	7,997
129+50	12950.00	50.00	32.36	0.00	56	0	8,377	324	8,053
130+00	13000.00	50.00	36.39	0.00	64	0	8,440	324	8,117
130+50	13050.00	50.00	36.24	0.00	67	0	8,507	324	8,184
131+00	13100.00	50.00	29.46	0.00	61	0	8,568	324	8,245
131+50	13150.00	50.00	46.92	0.00	71	0	8,639	324	8,315
131+66.7	13166.70	16.70	0.27	0.00	15	0	8,654	324	8,330
				COLUMN TOTALS:	8,654	259			

CALUMET STREET STAGE 2									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate Note 10
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	
212+75	21275.00	0.00	71.49	0.10	0	0	0	0	0
213+00	21300.00	25.00	76.94	0.00	69	0	69	0	69
213+50	21350.00	50.00	71.32	0.40	137	0	206	1	205
214+00	21400.00	50.00	62.75	1.09	124	1	330	2	328
214+50	21450.00	50.00	59.62	0.78	113	2	443	4	439
215+00	21500.00	50.00	47.80	1.23	99	2	543	7	536
215+50	21550.00	50.00	44.64	0.59	86	2	628	9	620
216+00	21600.00	50.00	42.05	1.78	80	2	709	12	697
216+50	21650.00	50.00	53.11	0.30	88	2	797	14	783
217+00	21700.00	50.00	65.91	0.14	110	0	907	14	893
217+50	21750.00	50.00	62.47	0.00	119	0	1,026	15	1,011
218+00	21800.00	50.00	58.15	0.78	112	1	1,138	16	1,122
218+50	21850.00	50.00	65.87	0.03	115	1	1,252	16	1,236
219+00	21900.00	50.00	53.77	0.06	111	0	1,363	17	1,347
219+50	21950.00	50.00	53.95	0.78	100	1	1,463	18	1,445
220+00	22000.00	50.00	70.77	0.03	115	1	1,578	19	1,560
220+18.06	22018.06	18.06	73.96	0.00	48	0	1,627	19	1,608
220+50	22050.00	31.94	48.18	0.00	72	0	1,699	19	1,681
221+00	22100.00	50.00	50.78	1.71	92	2	1,791	21	1,770
221+50	22150.00	50.00	54.98	0.81	98	2	1,889	23	1,865
222+00	22200.00	50.00	63.57	1.39	110	2	1,998	26	1,972
222+50	22250.00	50.00	71.35	0.27	125	2	2,123	28	2,095
223+00	22300.00	50.00	86.57	0.00	146	0	2,270	28	2,241
223+50	22350.00	50.00	80.11	0.00	154	0	2,424	28	2,396
223+63	22363.00	13.00	111.36	0.00	46	0	2,470	28	2,442
				COLUMN TOTALS:	2,470	23			

9

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	EARTHWORK DATA	SHEET NO: 413	E

OLDE ONEIDA STREET STAGE 2									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
300+50	30050.00	0.00	40.45	0.71	0	0	0	0	0
301+00	30100.00	50.00	68.18	2.42	101	3	101	4	97
301+13.33	30113.33	13.33	81.38	0.61	37	1	137	5	133
301+50	30150.00	36.67	72.47	0.23	104	1	242	5	237
302+00	30200.00	50.00	77.56	0.35	139	1	381	6	375
302+50	30250.00	50.00	78.79	0.26	145	1	526	7	519
302+73.81	30273.81	23.81	129.03	1.10	92	1	617	7	610
303+00	30300.00	26.19	112.93	2.99	117	2	735	10	725
303+50	30350.00	50.00	66.21	3.39	166	6	901	17	883
304+00	30400.00	50.00	29.94	0.25	89	3	990	21	968
304+32.73	30432.73	32.73	65.04	1.58	58	1	1,047	23	1,024
304+34.05	30434.05	1.32	10.82	0.00	2	0	1,049	23	1,026
304+50	30450.00	15.95	13.77	0.00	7	0	1,056	23	1,033
304+87.52	30487.52	37.52	5.91	0.00	14	0	1,070	23	1,047
				COLUMN TOTALS:	1,070	18			

ORANGE STREET STAGE 2									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
287+86.74	28786.74	0.00	42.16	0.00	0	0	0	0	0
288+00	28800.00	13.26	43.80	0.00	21	0	21	0	21
288+50	28850.00	50.00	51.64	0.31	88	0	109	0	109
289+00	28900.00	50.00	50.07	0.17	94	0	204	1	203
289+50	28950.00	50.00	40.68	1.29	84	1	288	3	285
				COLUMN TOTALS:	288	2			

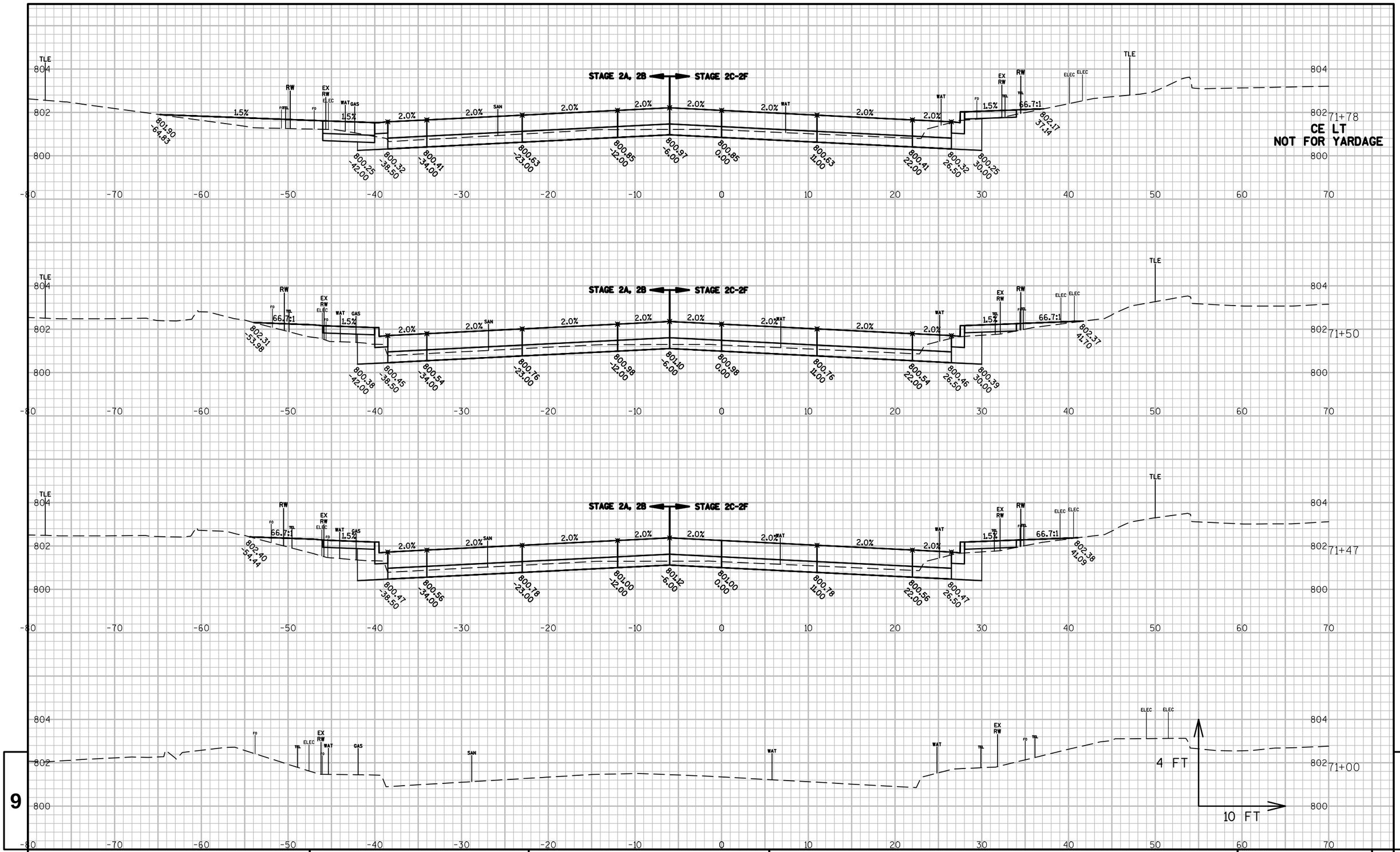
ONEIDA STREET STAGE 3									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
75+66.02	7566.02	0.00	28.99	0.00	0	0	0	0	0
75+82.75	7582.75	16.73	28.70	0.00	18	0	18	0	18
76+00	7600.00	17.25	26.06	0.39	17	0	35	0	35
76+50	7650.00	50.00	25.05	0.45	47	1	83	1	82
77+00	7700.00	50.00	30.04	0.00	51	0	134	2	132
77+50	7750.00	50.00	26.60	0.10	52	0	186	2	184
78+00	7800.00	50.00	25.29	0.35	48	0	234	2	232
78+50	7850.00	50.00	27.91	0.34	49	1	283	3	280
79+00	7900.00	50.00	24.77	1.72	49	2	332	5	327
79+50	7950.00	50.00	23.61	0.00	45	2	377	7	370
79+71.82	7971.82	21.82	24.88	0.07	20	0	397	7	389
80+00	8000.00	28.18	20.84	1.73	24	1	420	9	412
80+50	8050.00	50.00	24.47	0.00	42	2	462	11	452
81+00	8100.00	50.00	28.30	0.18	49	0	511	11	500
81+50	8150.00	50.00	30.82	0.00	55	0	566	11	555
82+00	8200.00	50.00	32.43	0.00	59	0	625	11	614
82+50	8250.00	50.00	37.16	0.00	64	0	689	11	678
83+00	8300.00	50.00	38.32	0.00	70	0	759	11	748
83+32.23	8332.23	32.23	78.04	0.00	69	0	828	11	817
83+50	8350.00	17.77	74.31	0.00	50	0	879	11	867
84+00	8400.00	50.00	51.94	1.02	117	1	995	12	983
84+50	8450.00	50.00	51.77	0.11	96	1	1,091	14	1,078
85+00	8500.00	50.00	65.18	0.00	108	0	1,200	14	1,186
85+50	8550.00	50.00	49.86	0.00	107	0	1,306	14	1,293
86+00	8600.00	50.00	46.58	0.00	89	0	1,396	14	1,382
86+31.18	8631.18	31.18	44.44	0.00	53	0	1,448	14	1,434
86+50	8650.00	18.82	40.19	0.00	29	0	1,478	14	1,464
87+00	8700.00	50.00	44.68	0.22	79	0	1,556	14	1,542
87+50	8750.00	50.00	42.66	0.88	81	1	1,637	15	1,622
88+00	8800.00	50.00	44.70	1.11	81	2	1,718	17	1,700
88+50	8850.00	50.00	48.24	0.00	86	1	1,804	19	1,785
89+00	8900.00	50.00	56.74	0.00	97	0	1,901	19	1,882
89+31.51	8931.51	31.51	55.01	0.72	65	0	1,966	19	1,947
89+50	8950.00	18.49	58.73	0.99	39	1	2,005	20	1,985
89+74.98	8974.98	24.98	64.44	0.61	57	1	2,062	21	2,041
89+74.99	8974.99	0.01	43.62	0.61	0	0	2,062	21	2,041
90+00	9000.00	25.01	44.57	0.09	41	0	2,103	21	2,082
90+50	9050.00	50.00	59.66	0.00	97	0	2,200	21	2,178
91+00	9100.00	50.00	61.94	0.00	113	0	2,312	21	2,291
91+50	9150.00	50.00	53.18	0.00	107	0	2,419	21	2,397

ONEIDA STREET STAGE 3 (Continued)									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
92+00	9200.00	50.00	50.99	0.00	96	0	2,515	21	2,494
92+31.47	9231.47	31.47	42.77	0.13	55	0	2,570	22	2,548
92+50	9250.00	18.53	40.14	0.76	28	0	2,598	22	2,576
93+00	9300.00	50.00	30.43	1.60	65	2	2,664	25	2,639
93+50	9350.00	50.00	18.60	4.59	45	6	2,709	32	2,677
94+00	9400.00	50.00	20.32	0.00	36	4	2,745	37	2,708
94+50	9450.00	50.00	16.23	2.33	34	2	2,779	40	2,739
95+00	9500.00	50.00	17.64	0.14	31	2	2,810	43	2,768
95+33.96	9533.96	33.96	25.65	0.00	27	0	2,838	43	2,795
95+50	9550.00	16.04	27.54	0.00	16	0	2,853	43	2,811
96+00	9600.00	50.00	21.67	0.37	46	0	2,899	43	2,856
96+50	9650.00	50.00	27.40	0.28	45	1	2,944	44	2,900
97+00	9700.00	50.00	33.89	0.00	57	0	3,001	44	2,957
97+50	9750.00	50.00	35.60	0.00	64	0	3,066	44	3,021
98+00	9800.00	50.00	32.25	0.99	63	1	3,128	45	3,083
98+50	9850.00	50.00	26.55	1.62	54	2	3,183	49	3,134
99+00	9900.00	50.00	28.89	1.86	51	3	3,234	53	3,182
99+03.2	9903.20	3.20	28.38	1.88	3	0	3,238	53	3,185
99+25	9925.00	21.80	28.10	3.47	23	2	3,260	56	3,205
99+50	9950.00	25.00	40.23	3.46	32	3	3,292	60	3,232
99+50.01	9950.01	0.01	55.82	0.00	0	0	3,292	60	3,232
100+00	10000.00	49.99	48.67	0.00	97	0	3,389	60	3,329
100+50	10050.00	50.00	37.68	0.03	80	0	3,469	60	3,409
101+00	10100.00	50.00	35.82	0.20	68	0	3,537	60	3,477
101+50	10150.00	50.00	27.41	0.12	59	0	3,595	60	3,535
102+00	10200.00	50.00	34.97	0.00	58	0	3,653	60	3,593
102+50	10250.00	50.00	25.11	0.14	56	0	3,709	61	3,648
103+00	10300.00	50.00	24.02	0.54	45	1	3,754	61	3,693
103+50	10350.00	50.00	60.55	0.00	78	0	3,832	62	3,771
104+00	10400.00	50.00	34.66	0.57	88	1	3,921	63	3,858
104+50	10450.00	50.00	46.70	0.00	75	1	3,996	63	3,933
105+00	10500.00	50.00	54.92	0.00	94	0	4,090	63	4,027
105+50	10550.00	50.00	44.56	0.04	92	0	4,182	63	4,119
106+00	10600.00	50.00	27.03	0.00	66	0	4,248	63	4,185
106+50	10650.00	50.00	7.02	4.43	32	4	4,280	68	4,211
107+00	10700.00	50.00	3.76	4.58	10	8	4,290	79	4,211
107+50	10750.00	50.00	13.53	3.19	16	7	4,306	88	4,218
108+00	10800.00	50.00	32.95	0.85	43	4	4,349	93	4,256
108+50	10850.00	50.00	84.90	0.00	109	1	4,458	94	4,365
108+76.73	10876.73	26.73	113.10	0.00	98	0	4,556	94	4,463

ONEIDA STREET STAGE 3 (Continued)									
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Ordinate
			Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Note 10
109+00	10900.00	23.27	116.91	0.00	99	0	4,655	94	4,562
109+50	10950.00	50.00	70.28	0.00	173	0	4,829	94	4,735
110+00	11000.00	50.00	73.85	0.00	133	0	4,962	94	4,868
110+50	11050.00	50.00	66.71	0.00	130	0	5,092	94	4,999
111+00	11100.00	50.00	58.45	0.00	116	0	5,208	94	5,114
111+50	11150.00	50.00	53.89	0.00	104	0	5,312	94	5,219
112+00	11200.00	50.00	47.94	0.00	94	0	5,406	94	5,313
112+50	11250.00	50.00	53.78	0.00	94	0	5,501	94	5,407
113+00	11300.00	50.00	55.58	0.00	101	0	5,602	94	5,508
113+50	11350.00	50.00	55.93	0.00	103	0	5,705	94	5,612
114+00	11400.00	50.00	38.07	0.51	87	0	5,792	94	5,698
114+50	11450.00	50.00	50.27	0.29	82	1	5,874	95	5,779
115+00	11500.00	50.00	57.65	0.41	100	1	5,974	96	5,878
115+50	11550.00	50.00	89.08	0.00	136	0	6,110	96	6,013
116+00	11600.00	50.00	88.73	0.00	165	0	6,274	96	6,178
116+15.98	11615.98	15.98	82.62	0.00	51	0	6,325	96	6,229
116+50	11650.00	34.02	62.85	0.00	92	0	6,417	96	6,320
117+00	11700.00	50.00	32.29	0.00	88	0	6,505	96	6,408
117+50	11750.00	50.00	22.86	1.74	51	2	6,556	98	6,457
118+00	11800.00	50.00	30.95	6.43	50	8	6,606	108	6,498
118+50	11850.00	50.00	21.30	8.55	48	14	6,654	125	6,529
119+00	11900.00	50.00	23.53	4.87	42	12	6,696	141	6,555
119+50	11950.00	50.00	26.65	0.00	46	5	6,742	146	6,596
119+78.15	11978.15	28.15	31.09	0.00	30	0	6,772	146	6,626
120+00	12000.00	21.85	37.56	0.00	28	0	6,800	146	6,654
120+50	12050.00	50.00	56.02	0.00	87	0	6,887	146	6,740
121+00	12100.00	50.00	47.35	0.00	96	0	6,982	146	6,836
121+50	12150.00	50.00	53.51	0.00	93	0	7,076	146	6,929
122+00	12200.00	50.00	91.65	0.00	134	0	7,210	146	7,064
122+50	12250.00	50.00	74.37	0.00	154	0	7,364	146	7,217
123+00	12300.00	50.00	76.70	0.00	140	0	7,504	146	7,357
123+03.36	12303.36	3.36	68.78	0.00	9	0	7,513	146	7,366
123+50	12350.00	46.64	37.60	0.00	92	0	7,605	146	7,458
124+00	12400.00	50.00	39.85	0.00	72	0	7,676	146	7,530
124+50	12450.00	50.00	0.00	0.00	37	0	7,713	146	7,567
125+00	12500.00	50.00	35.51	1.15	33	1	7,746	148	7,598
125+50	12550.00	50.00	39.12	0.63	69	2	7,815	150	7,665
126+00	12600.00	50.00	38.15	0.83	72	1	7,887	151	7,735
126+50	12650.00	50.00	32.38	3.13	65	4	7,952	156	7,796
127+00	12700.00	50.00	28.75	3.81	57	6	8,009	164	7,845

ONEIDA STREET STAGE 3 (Continued)									
			AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
STATION	Real Station	Distance	Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Ordinate Note 10
127+36.63	12736.63	36.63	58.46	0.00	59	3	8,068	167	7,900
127+50	12750.00	13.37	47.95	0.00	26	0	8,094	167	7,927
128+00	12800.00	50.00	25.92	4.82	68	4	8,163	173	7,990
128+50	12850.00	50.00	33.35	1.34	55	6	8,217	180	8,037
129+00	12900.00	50.00	44.79	0.94	72	2	8,290	183	8,107
129+50	12950.00	50.00	45.78	0.33	84	1	8,374	184	8,189
130+00	13000.00	50.00	59.42	0.05	97	0	8,471	185	8,286
130+50	13050.00	50.00	61.65	0.06	112	0	8,583	185	8,398
131+00	13100.00	50.00	53.45	0.45	107	0	8,690	185	8,504
131+50	13150.00	50.00	53.26	0.10	99	1	8,788	186	8,603
131+66.7	13166.70	16.70	67.11	0.00	37	0	8,826	186	8,640
131+90.24	13190.24	23.55	0.00	0.00	29	0	8,855	186	8,669
				COLUMN TOTALS:	8,855	149			

CALUMET STREET STAGE 3									
			AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		
STATION	Real Station	Distance	Cut Note 2	Fill	Cut Note 2	Fill	Cut 1.00 Note 2	Expanded Fill 1.25 Note 9	Mass Ordinate Note 10
205+50	20550.00	0.00	67.73	0.70	0	0	0	0	0
206+00	20600.00	50.00	101.71	0.00	157	1	157	1	156
206+50	20650.00	50.00	70.58	0.61	160	1	316	2	315
207+00	20700.00	50.00	61.52	2.40	122	3	439	5	434
207+50	20750.00	50.00	45.26	8.07	99	10	538	17	520
208+00	20800.00	50.00	29.98	12.79	70	19	607	41	566
208+50	20850.00	50.00	7.76	17.37	35	28	642	76	566
209+00	20900.00	50.00	12.07	28.03	18	42	661	129	532
209+50	20950.00	50.00	14.42	31.25	25	55	685	197	488
210+00	21000.00	50.00	24.76	13.32	36	41	721	249	472
210+50	21050.00	50.00	47.66	0.59	67	13	788	265	523
211+00	21100.00	50.00	62.61	2.62	102	3	891	269	622
211+40	21140.00	40.00	80.83	0.00	106	2	997	271	726
				COLUMN TOTALS:	997	217			



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PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 419	E

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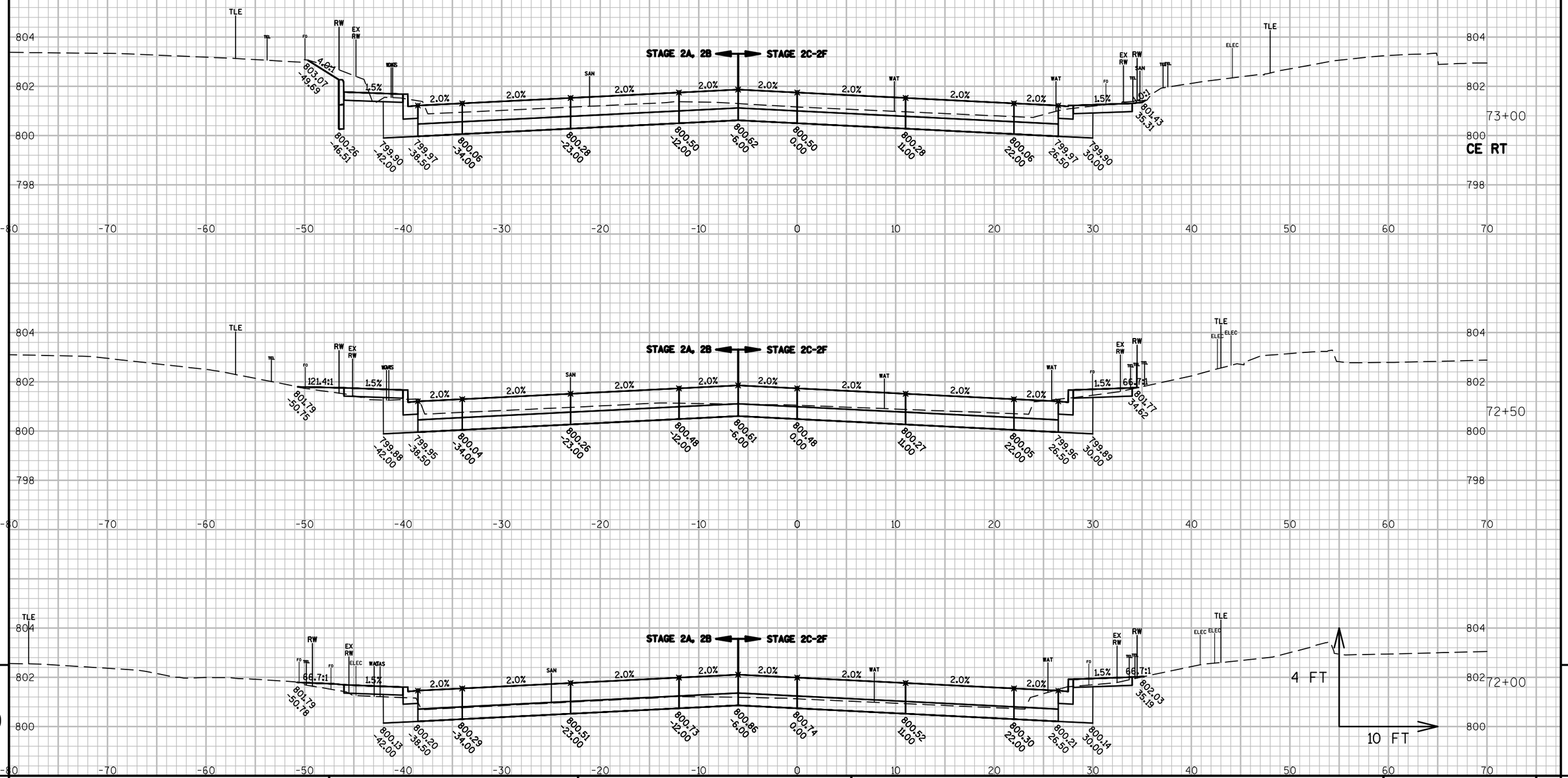
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:52 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

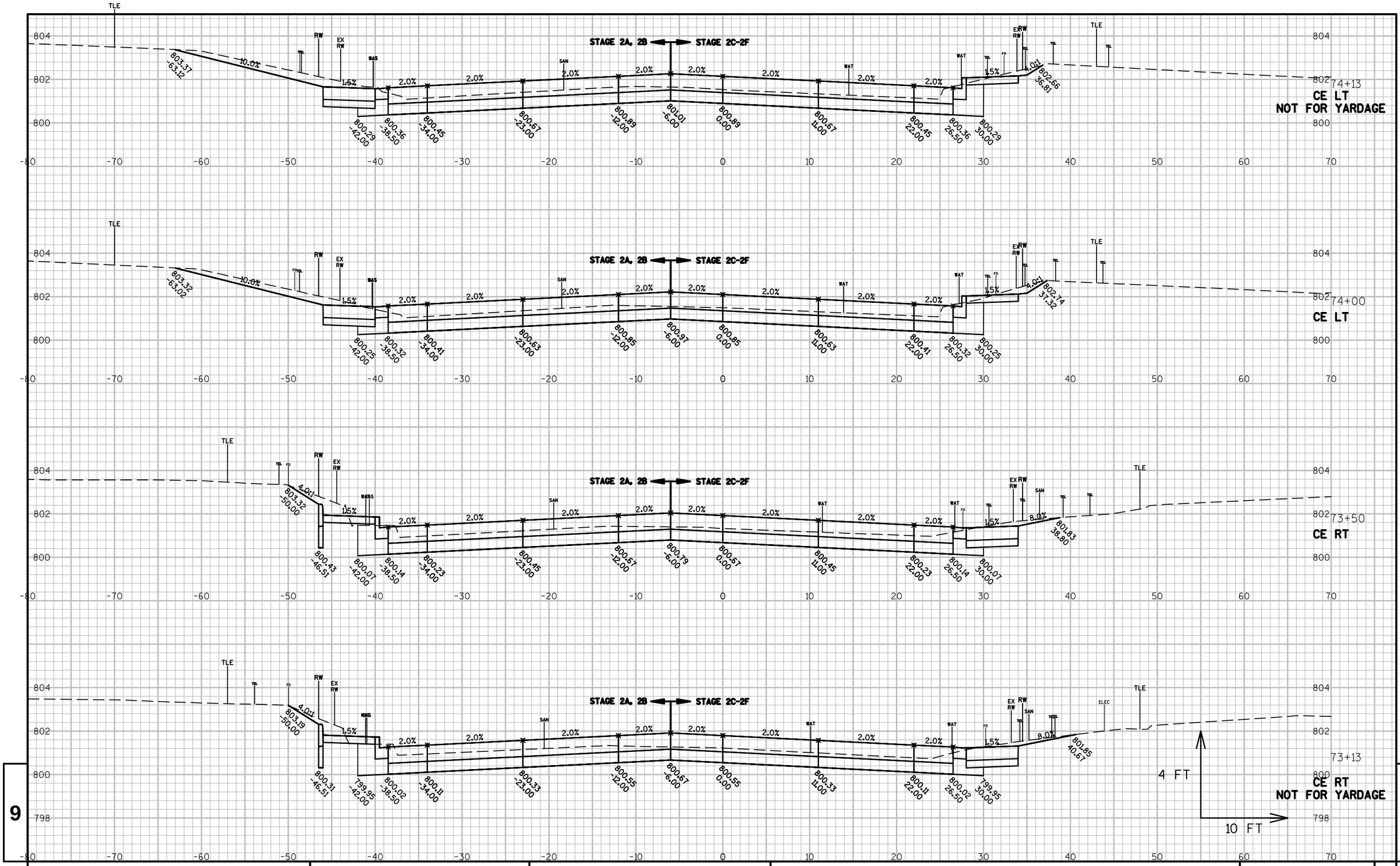


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 420	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:52 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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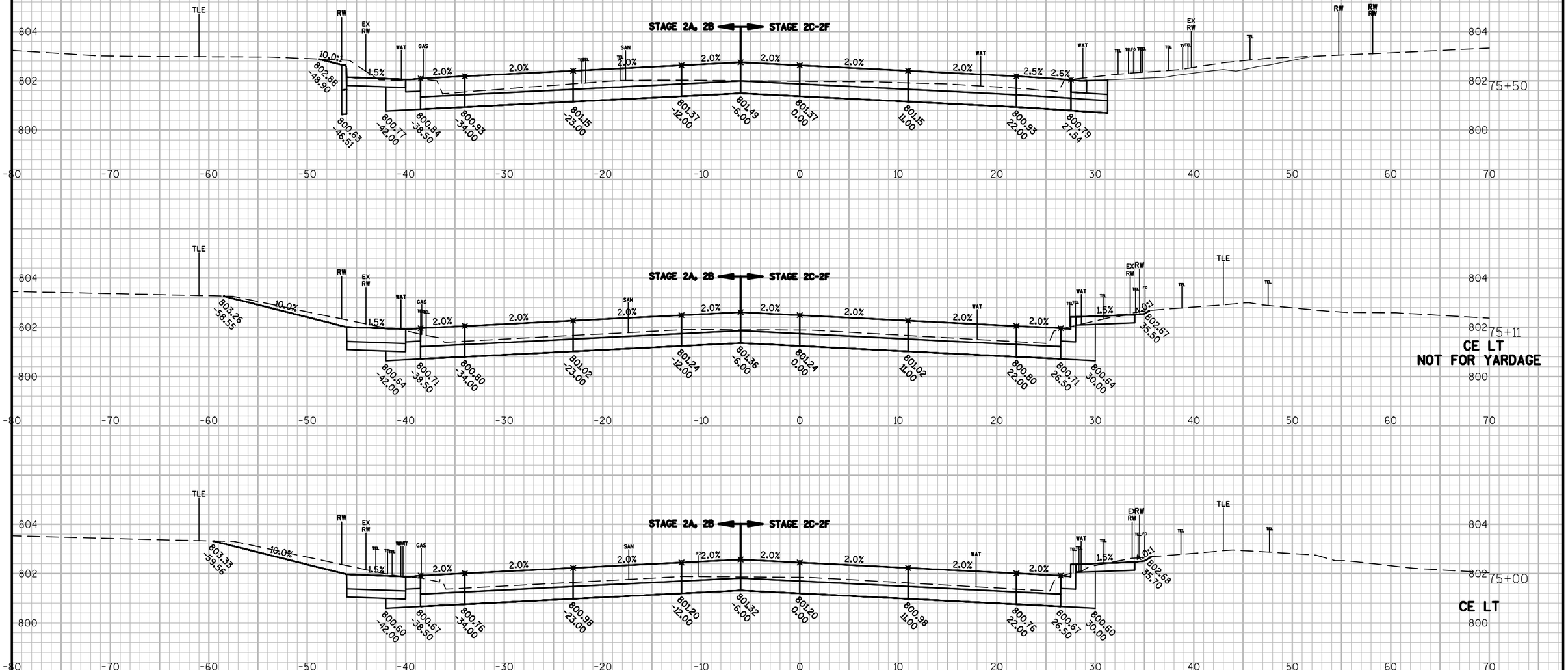
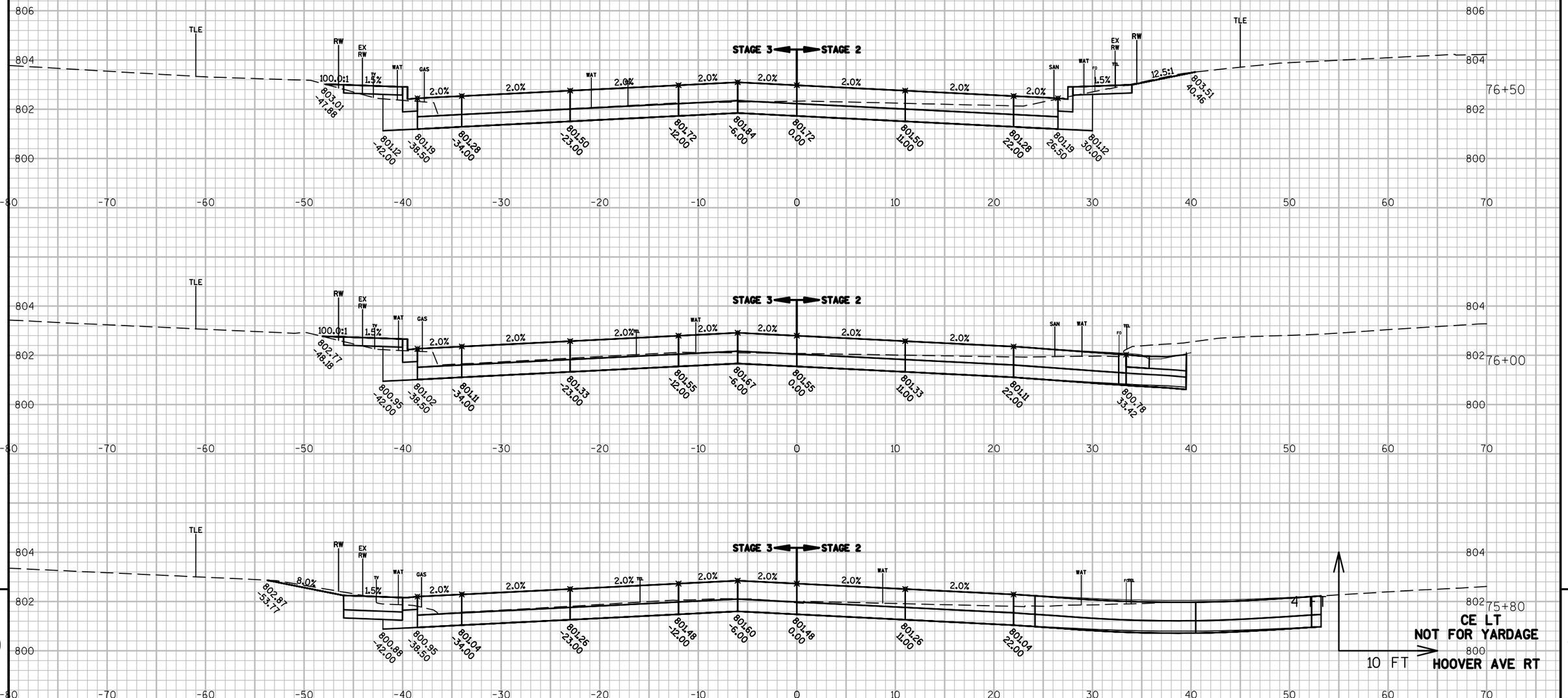
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 421	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01
PLOT DATE : 6/30/2017 10:52 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 49



9	PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 422 E



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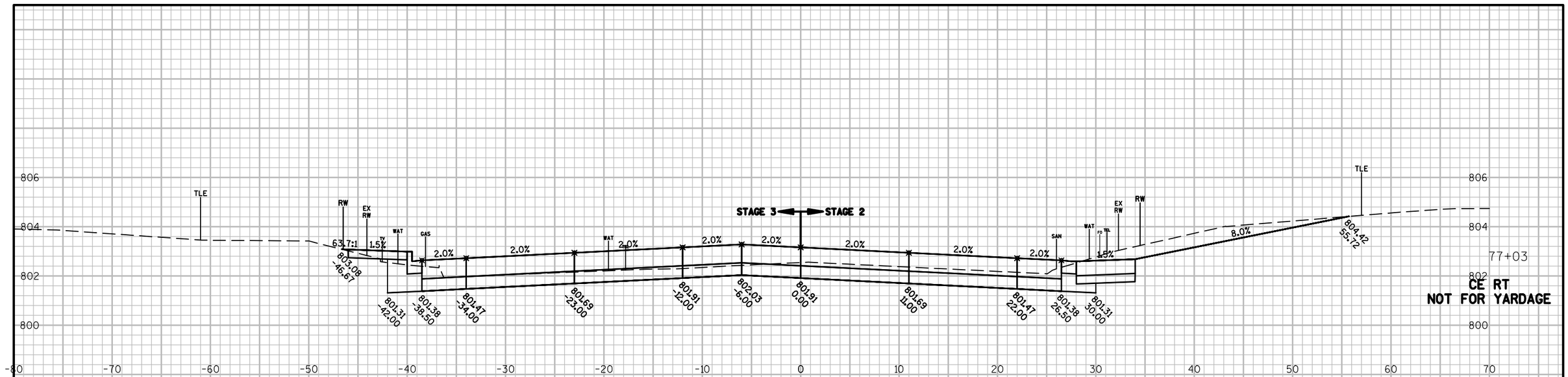
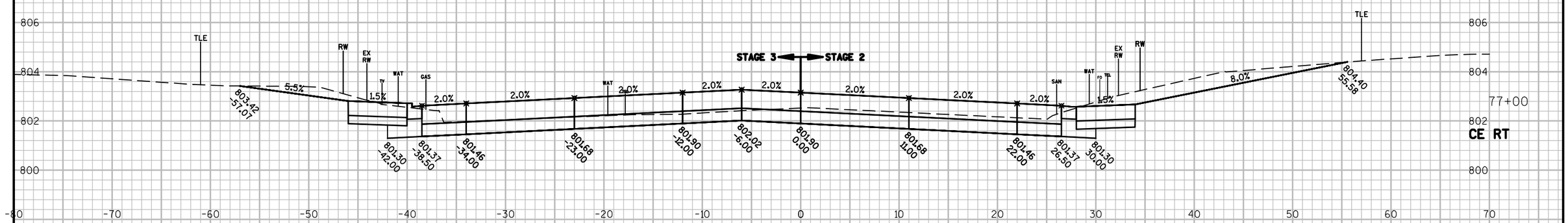
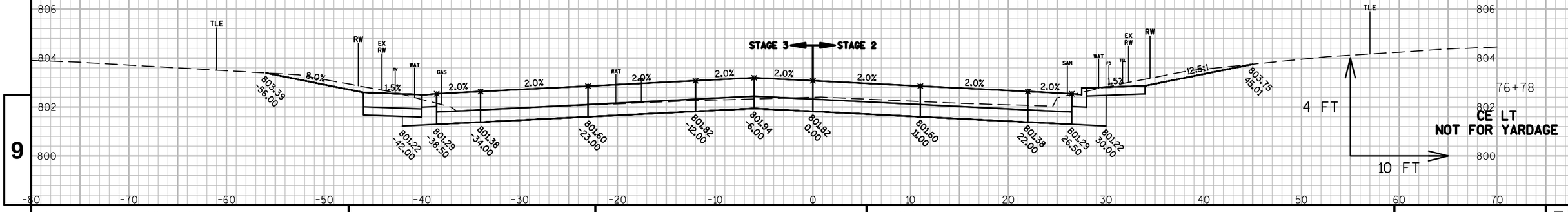
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49







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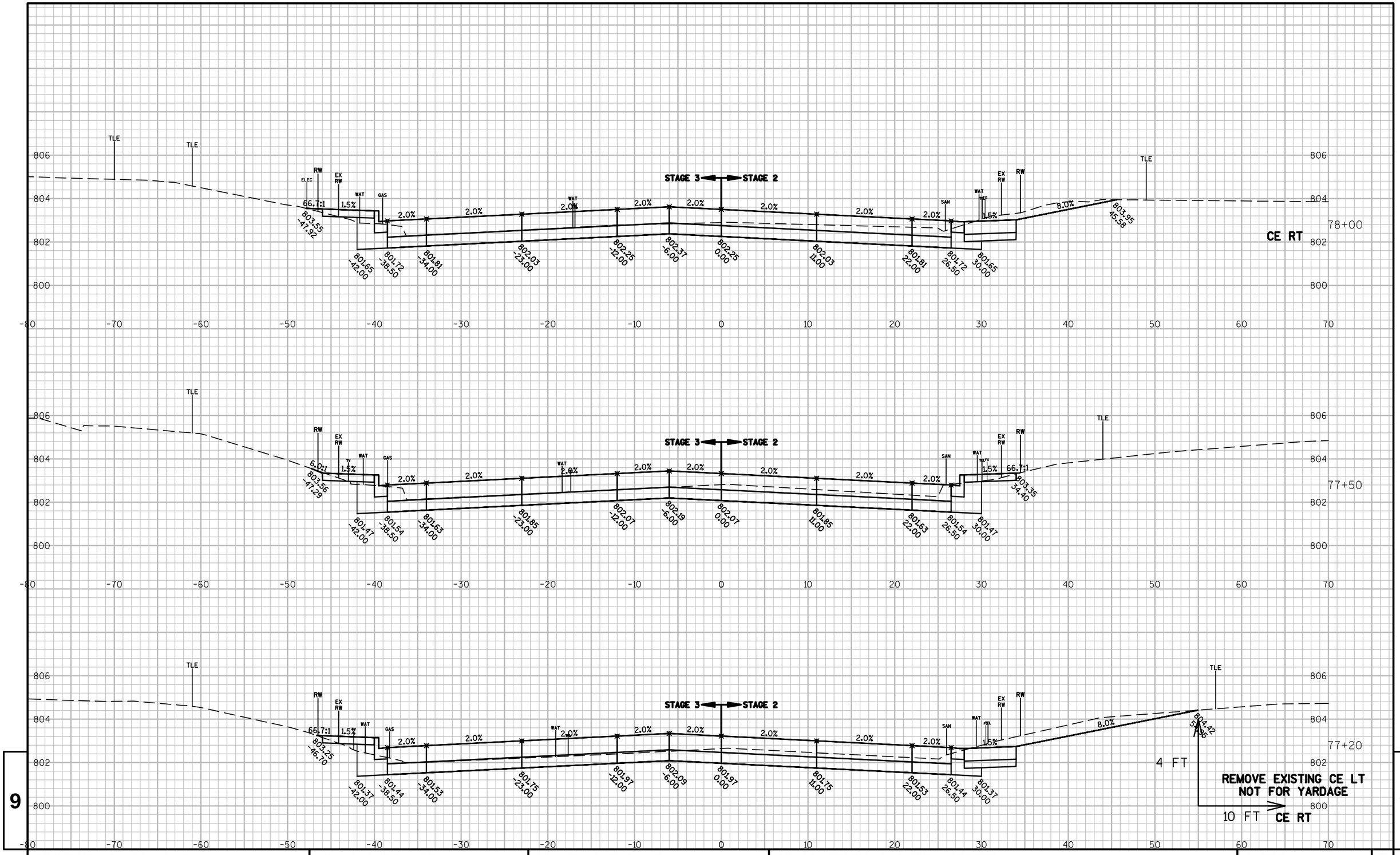
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 424	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 425	E

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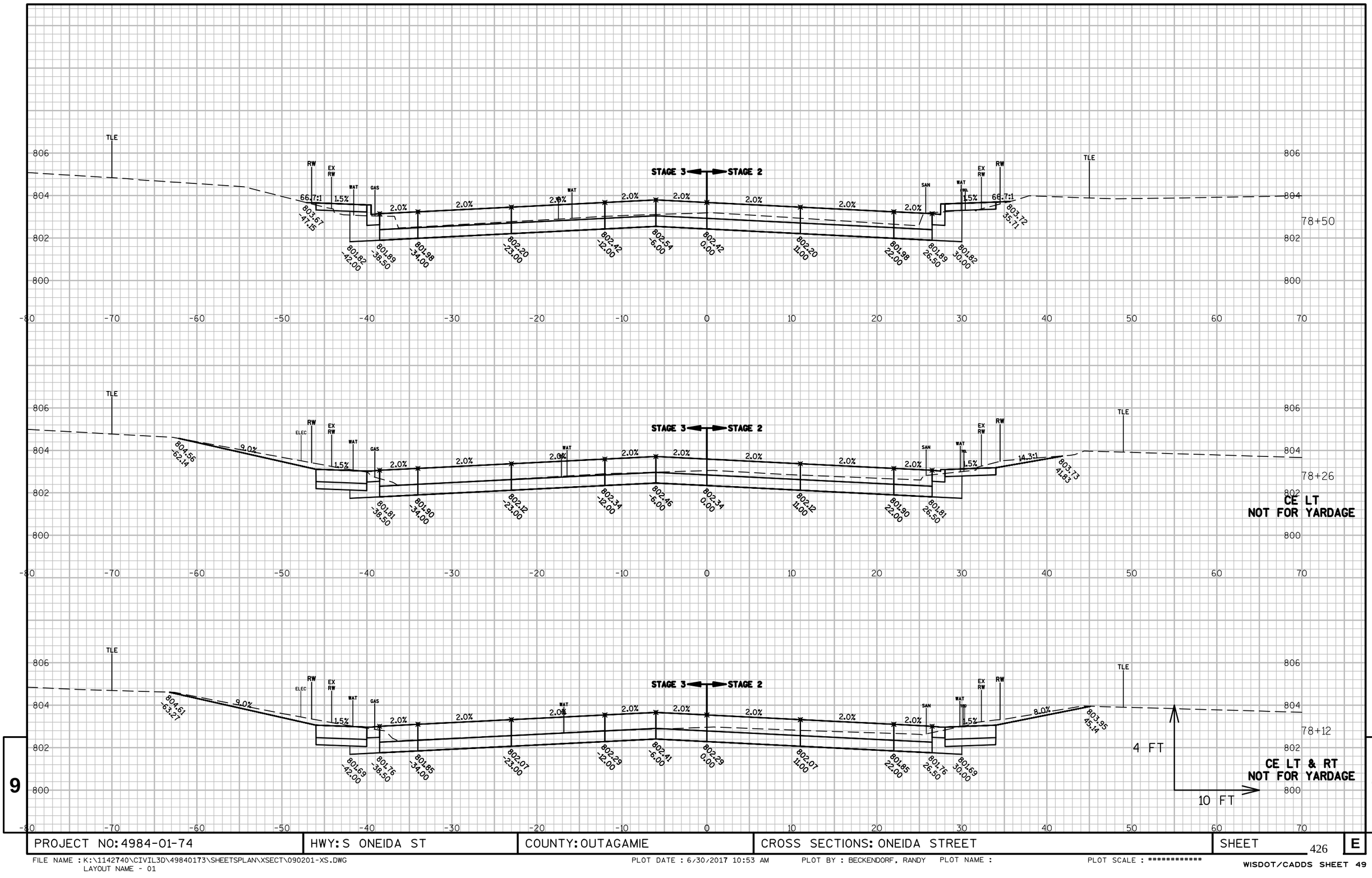
LAYOUT NAME - 01
PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :
PLOT SCALE : **********
WISDOT/CADDS SHEET 49



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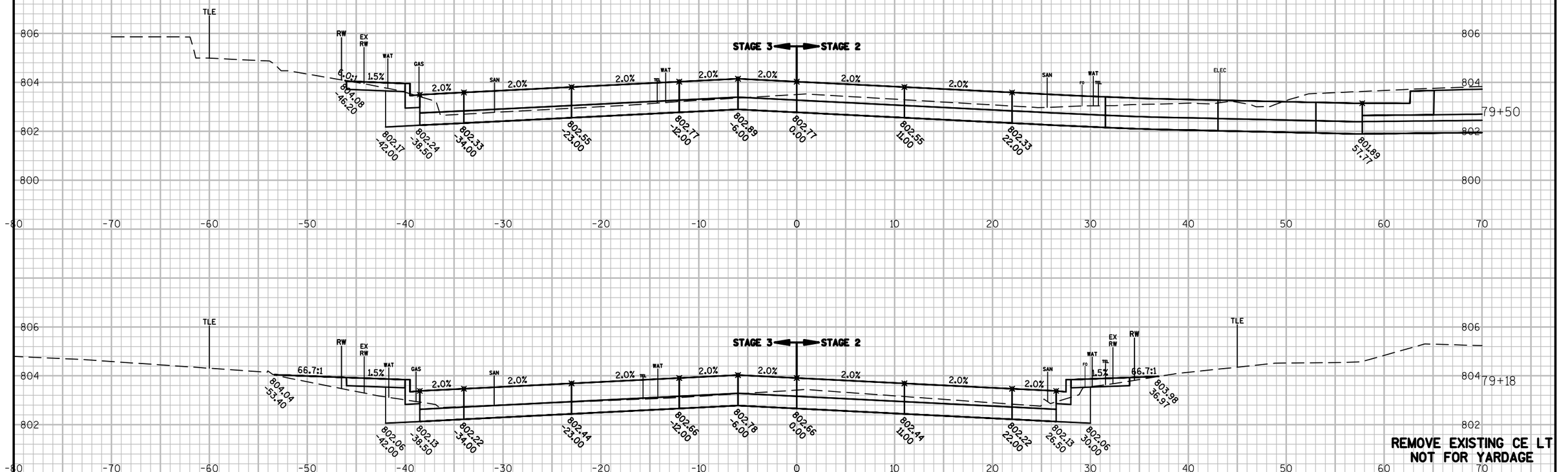
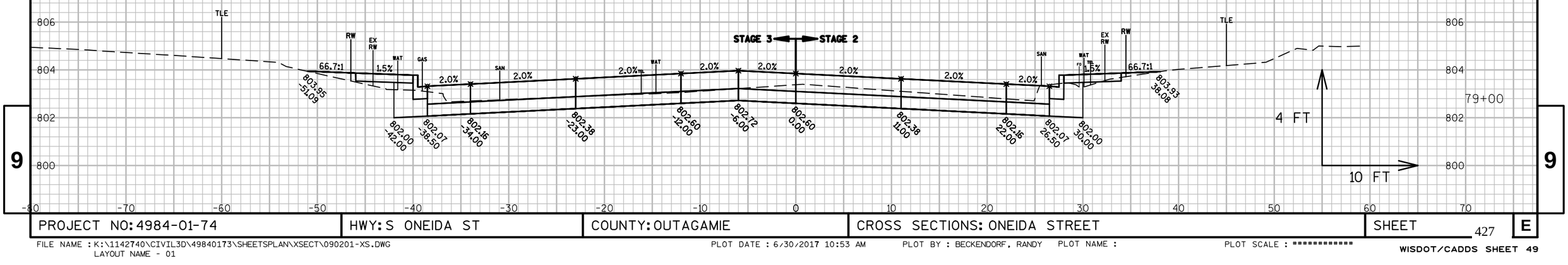
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 426	E





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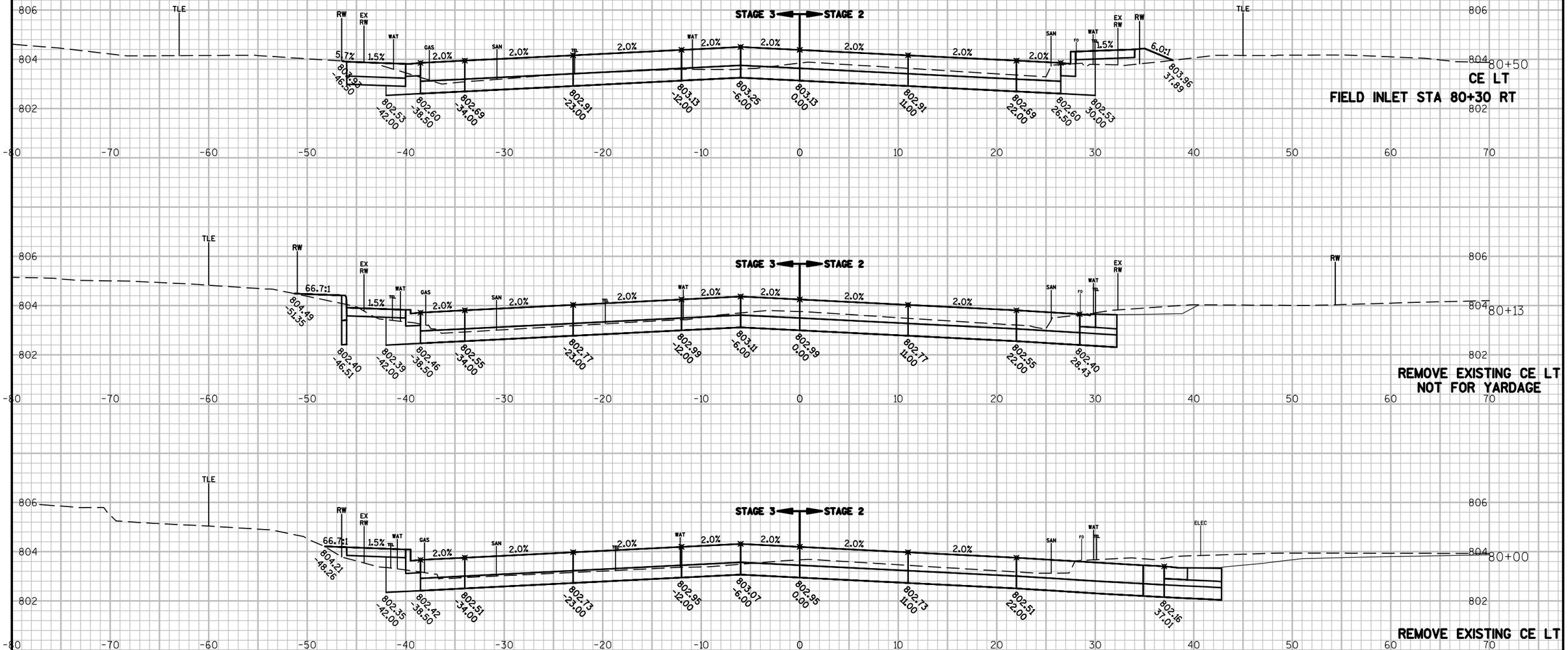
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 427	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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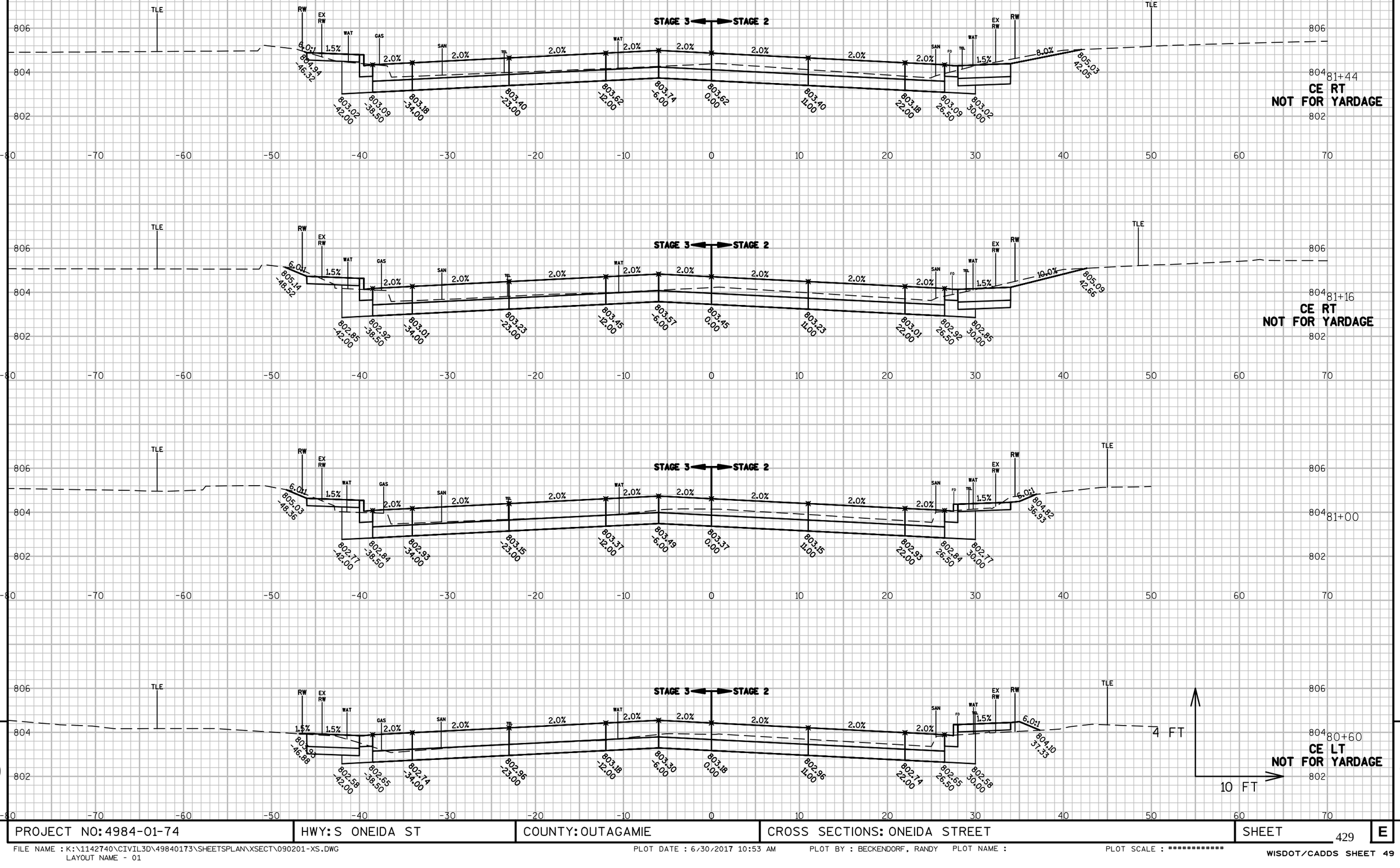
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 428	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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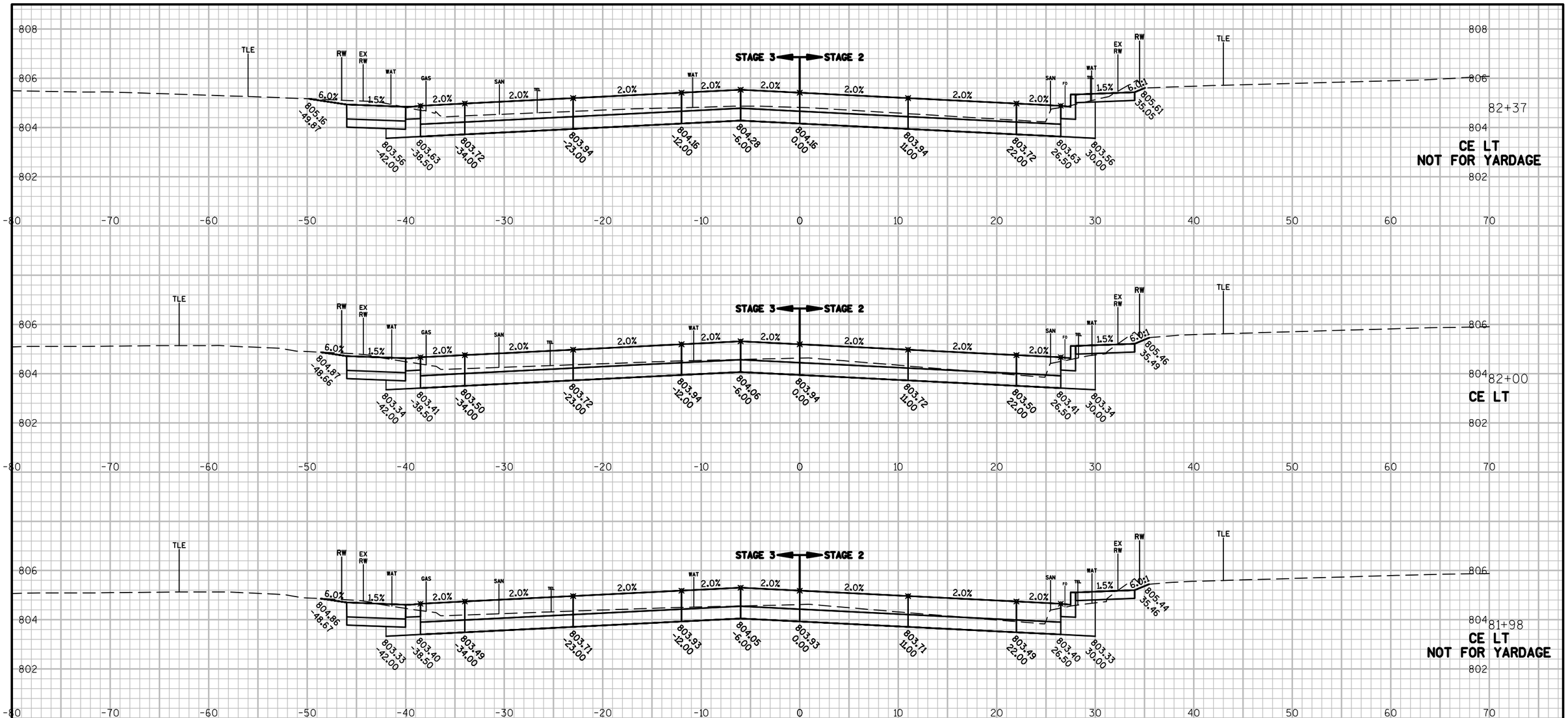
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 429	E

9

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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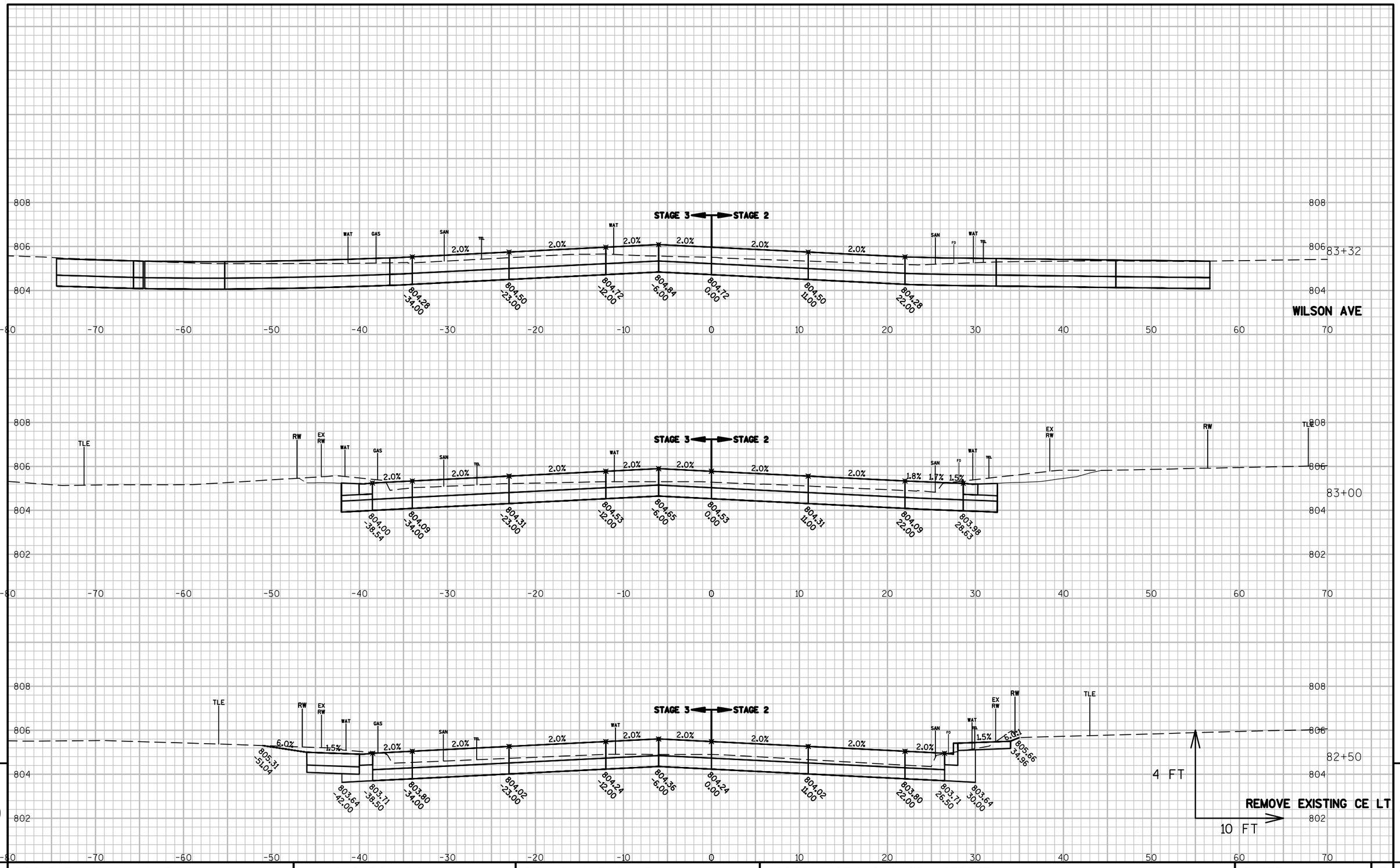
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 430	E

9

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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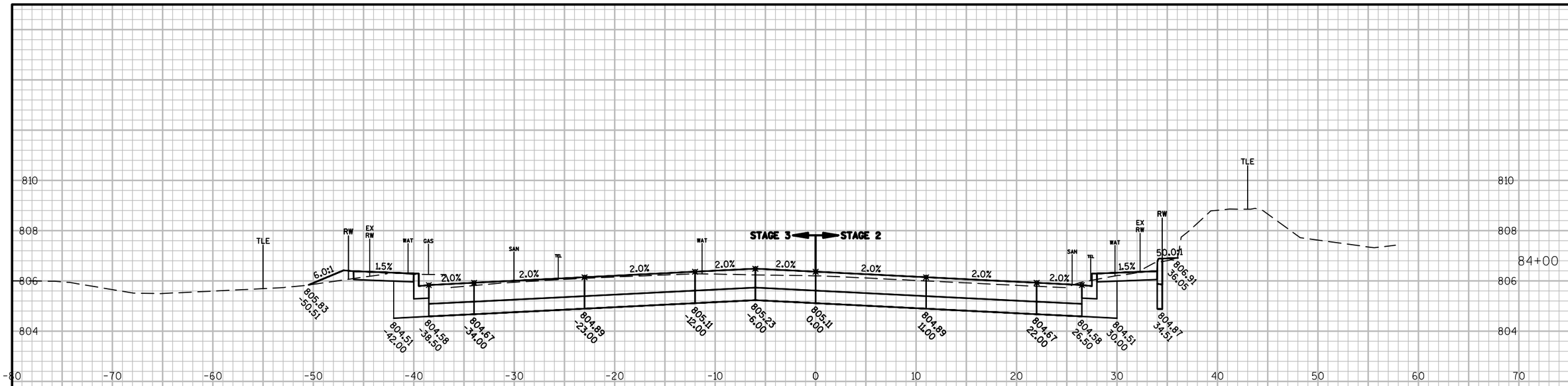
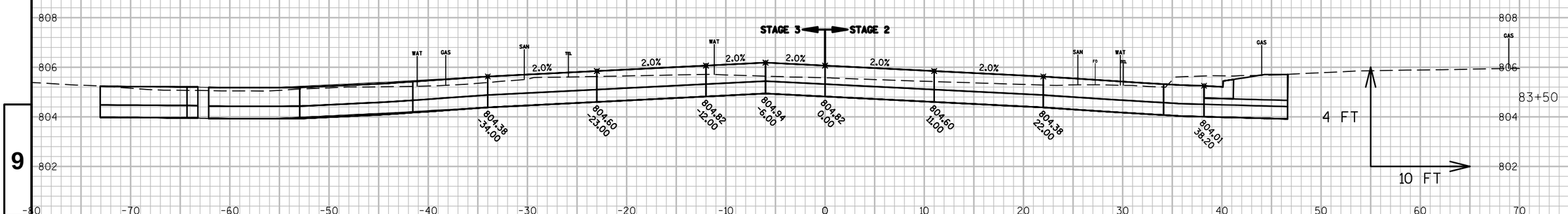
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 431	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********



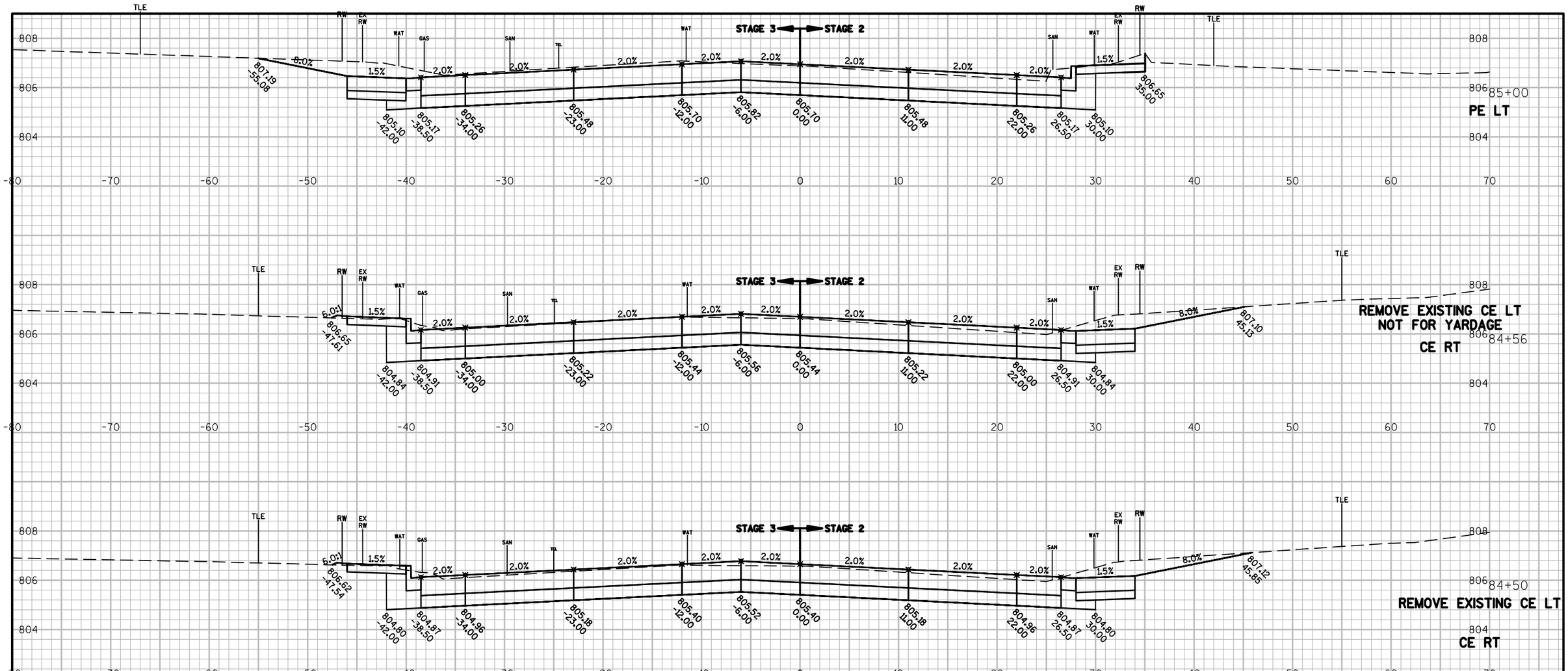


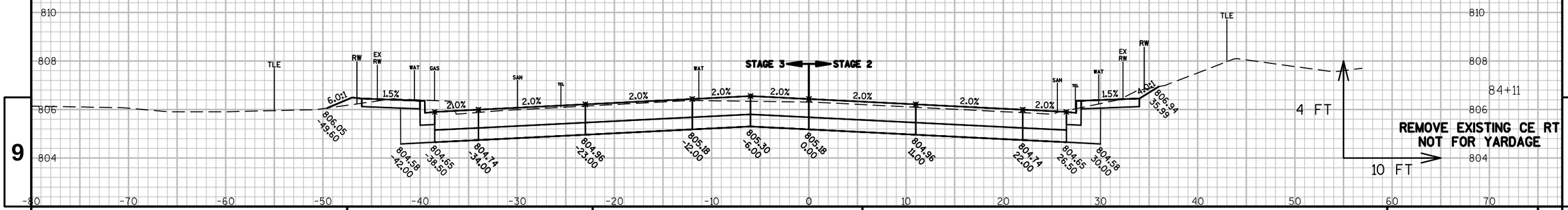
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 432	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:53 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49





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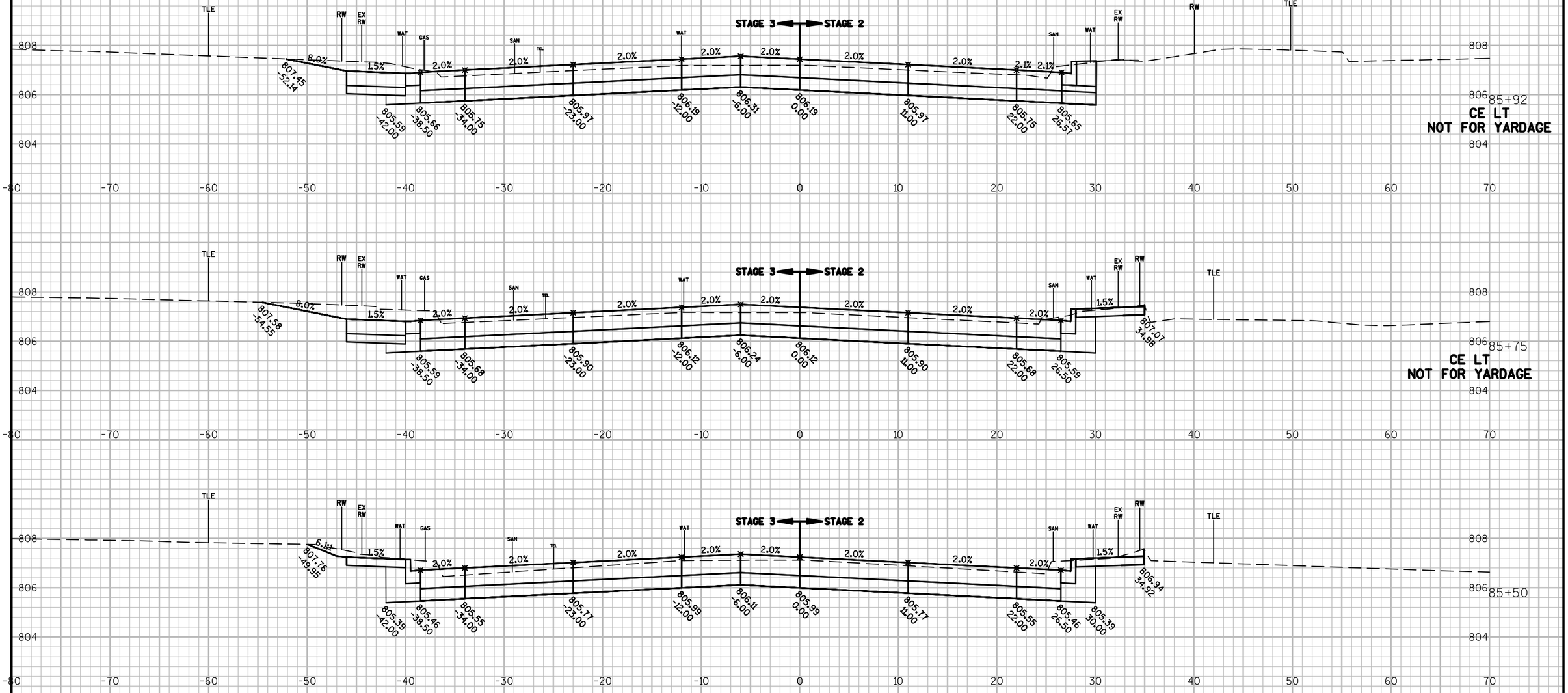
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 433	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2017 3:59 PM PLOT BY : SILVA, DIEGO PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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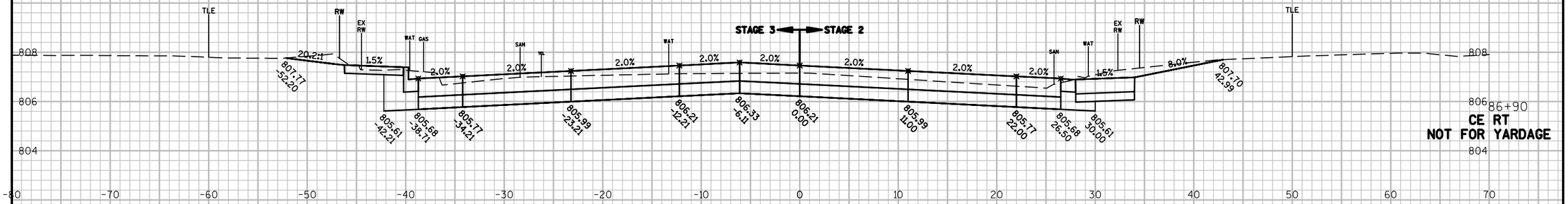
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 434	E

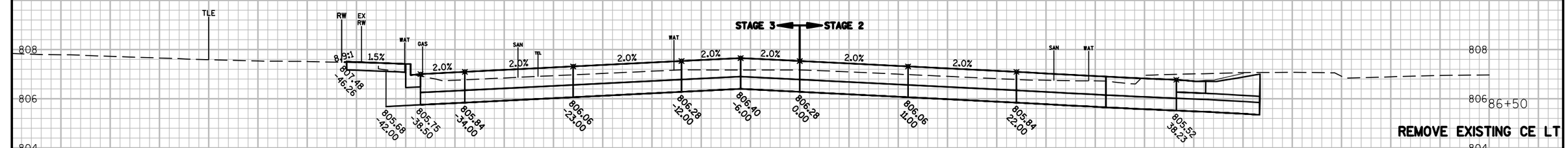
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2017 3:59 PM PLOT BY : SILVA, DIEGO PLOT NAME : PLOT SCALE : **********

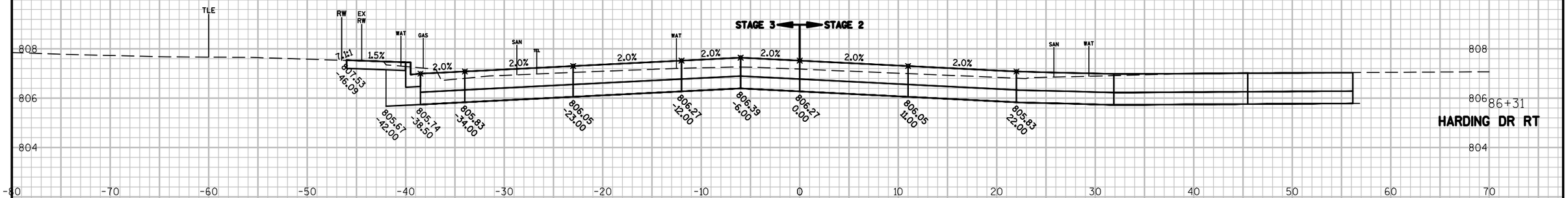
WISDOT/CADDS SHEET 49



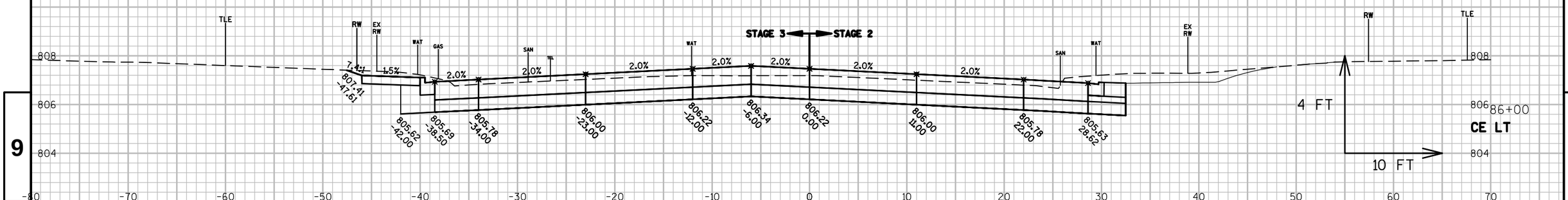
86+90
CE RT
NOT FOR YARDAGE



86+50
REMOVE EXISTING CE LT



86+31
HARDING DR RT

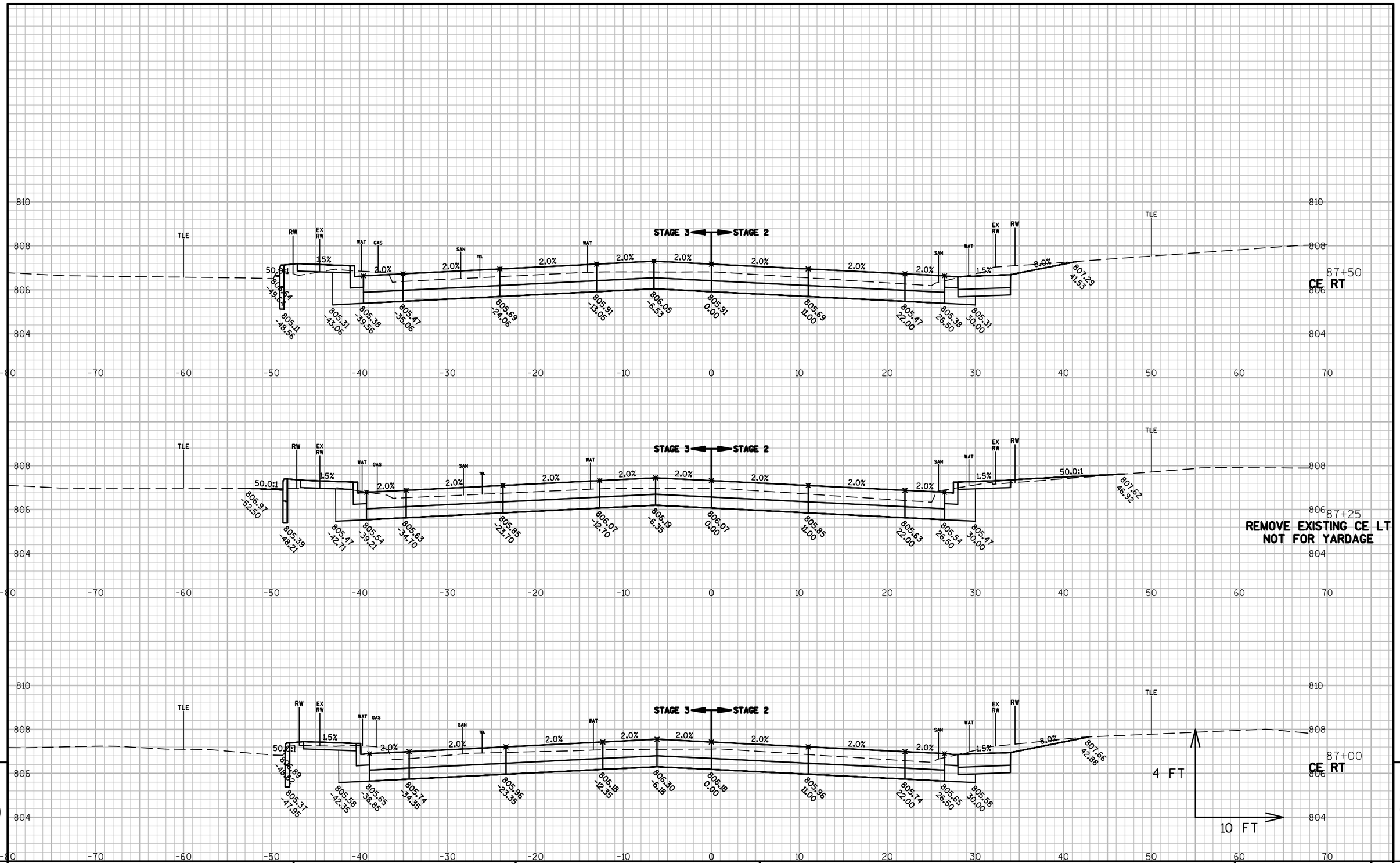


86+00
CE LT

9

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 435	E

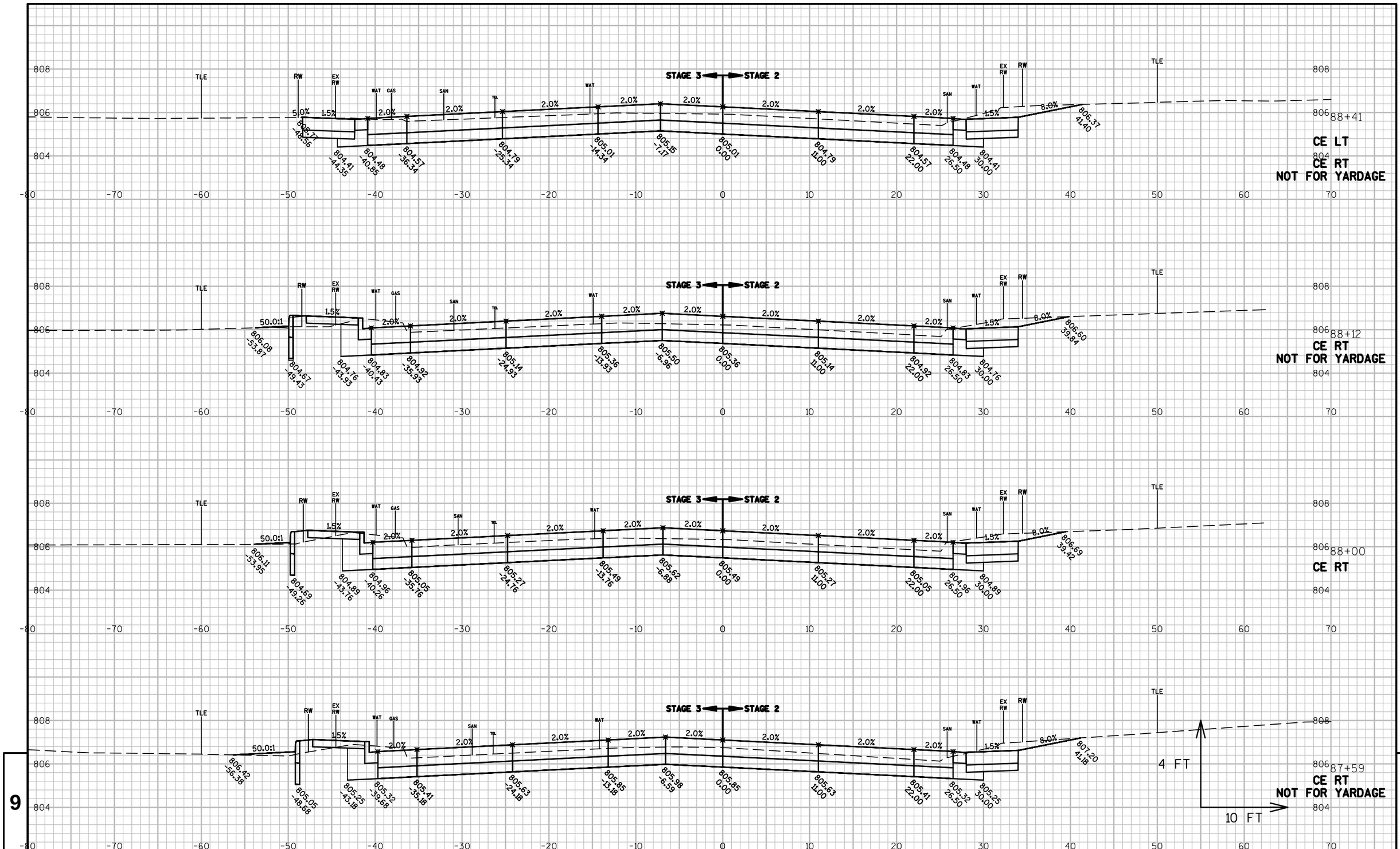


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 436	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:54 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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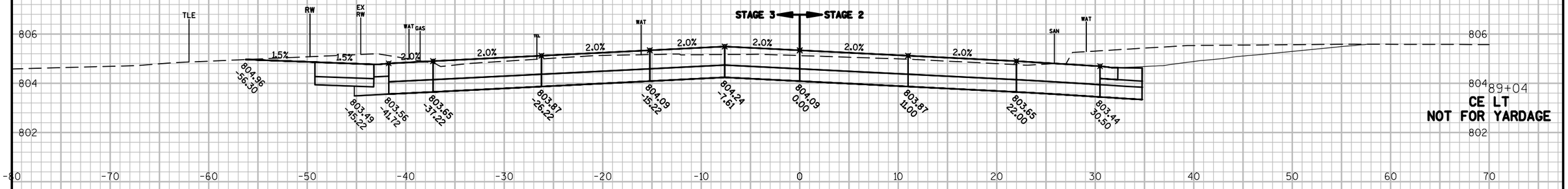
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 437	E

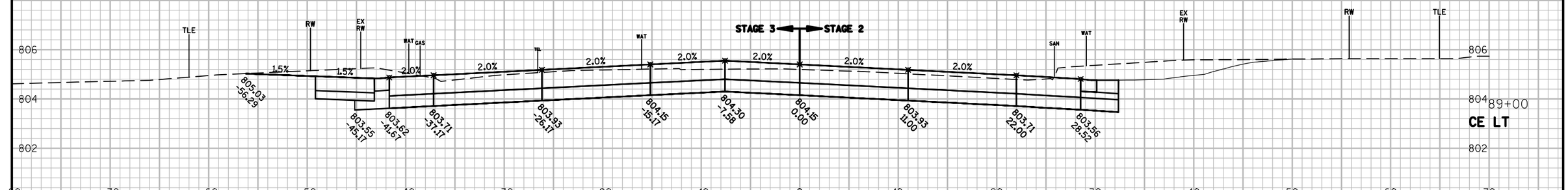
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:54 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

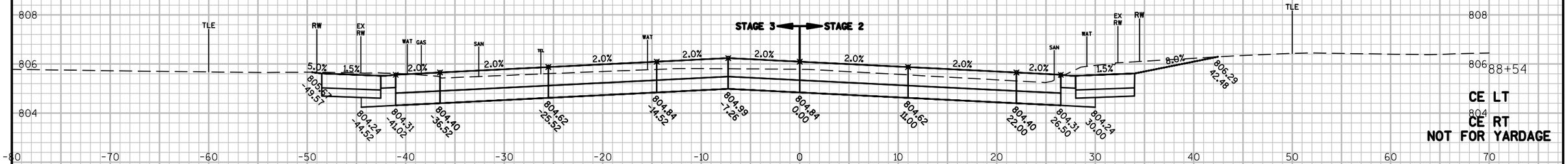
WISDOT/CADDS SHEET 49



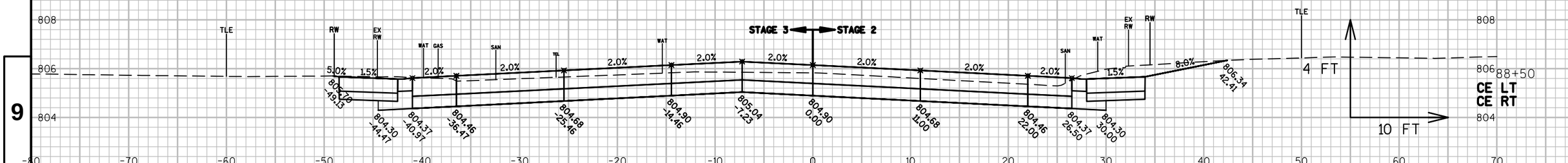
89+04
CE LT
NOT FOR YARDAGE



89+00
CE LT



88+54
CE LT
CE RT
NOT FOR YARDAGE

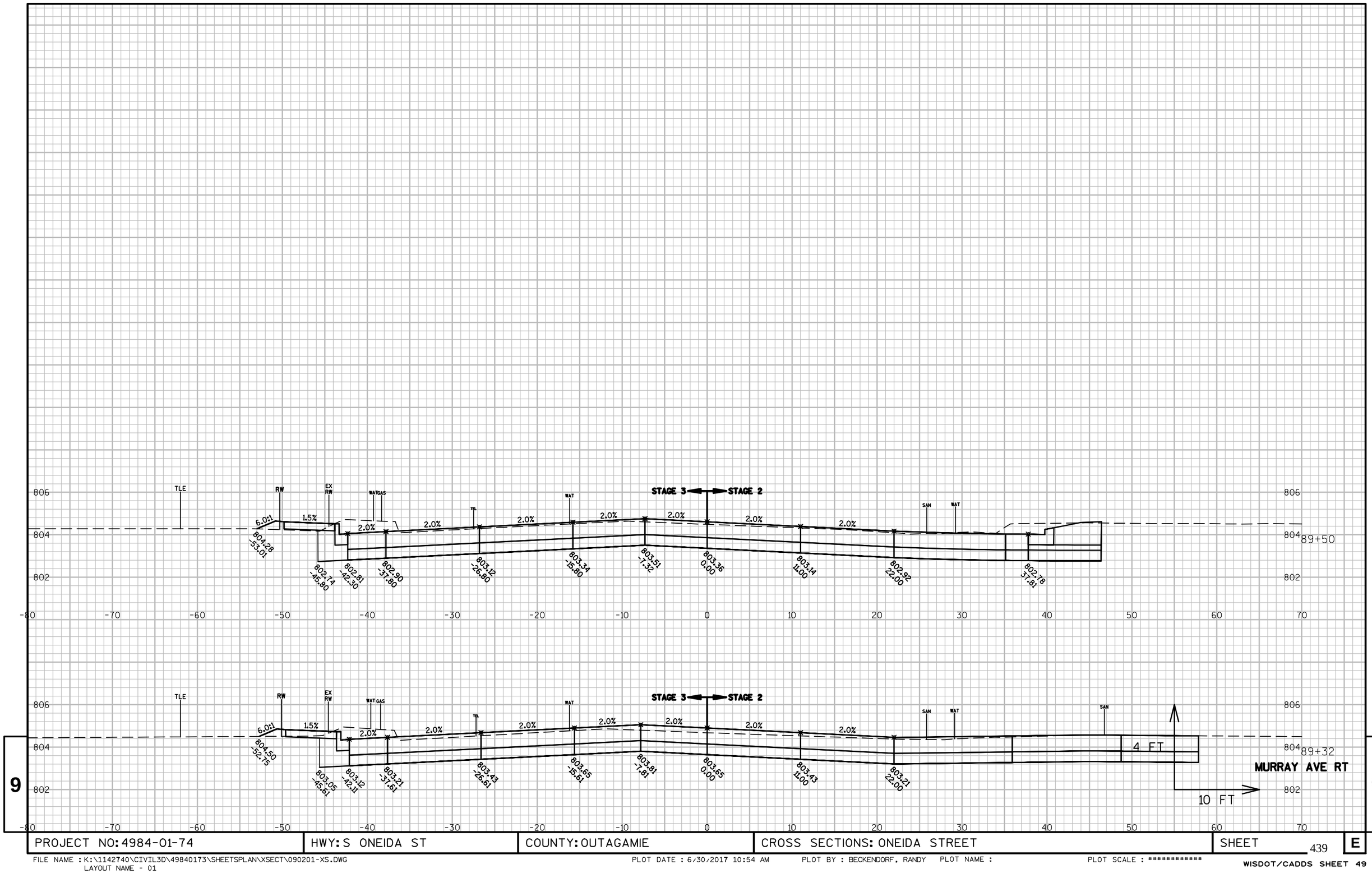


88+50
CE LT
CE RT

9

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 438	E



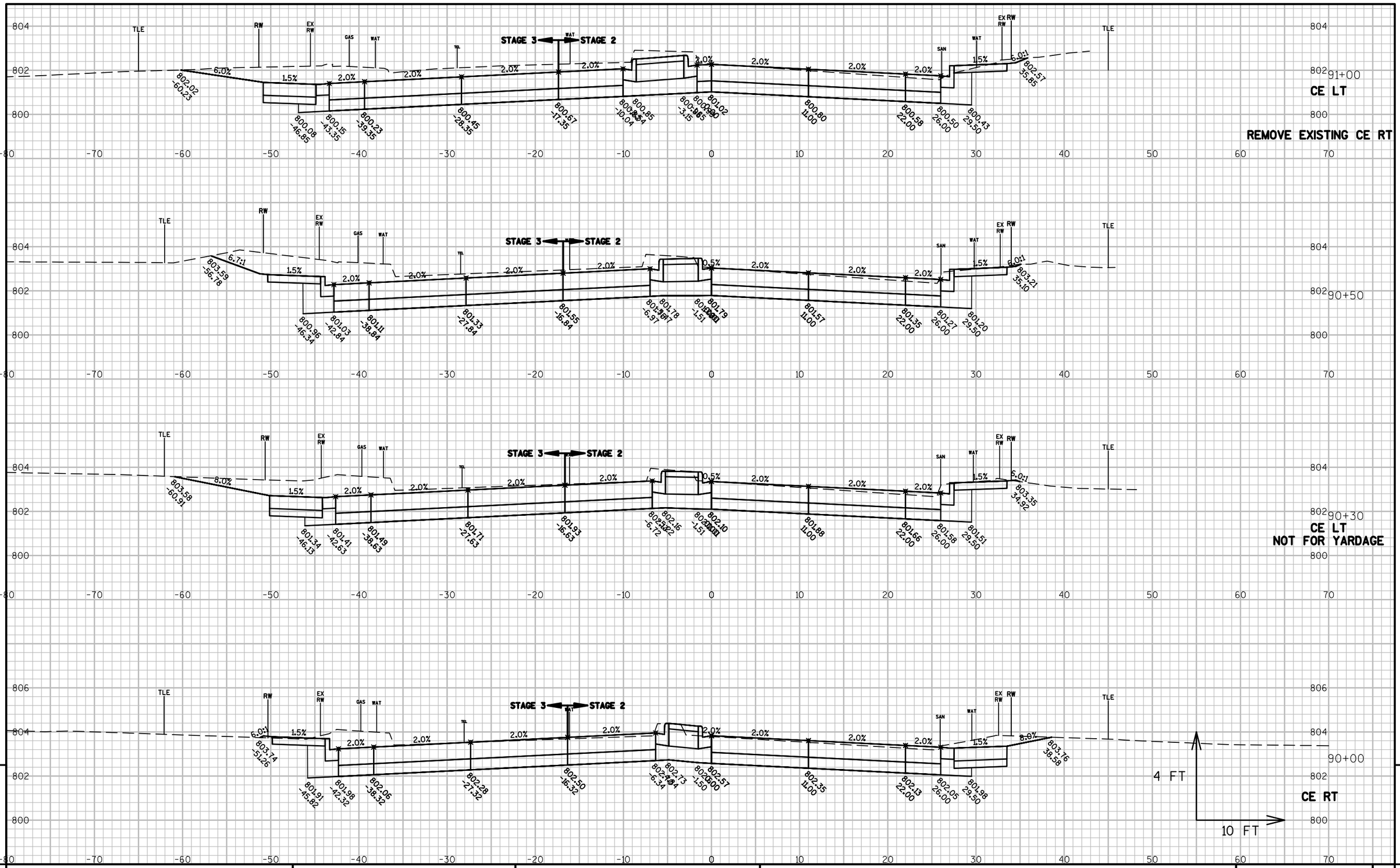
9 9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 439	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:54 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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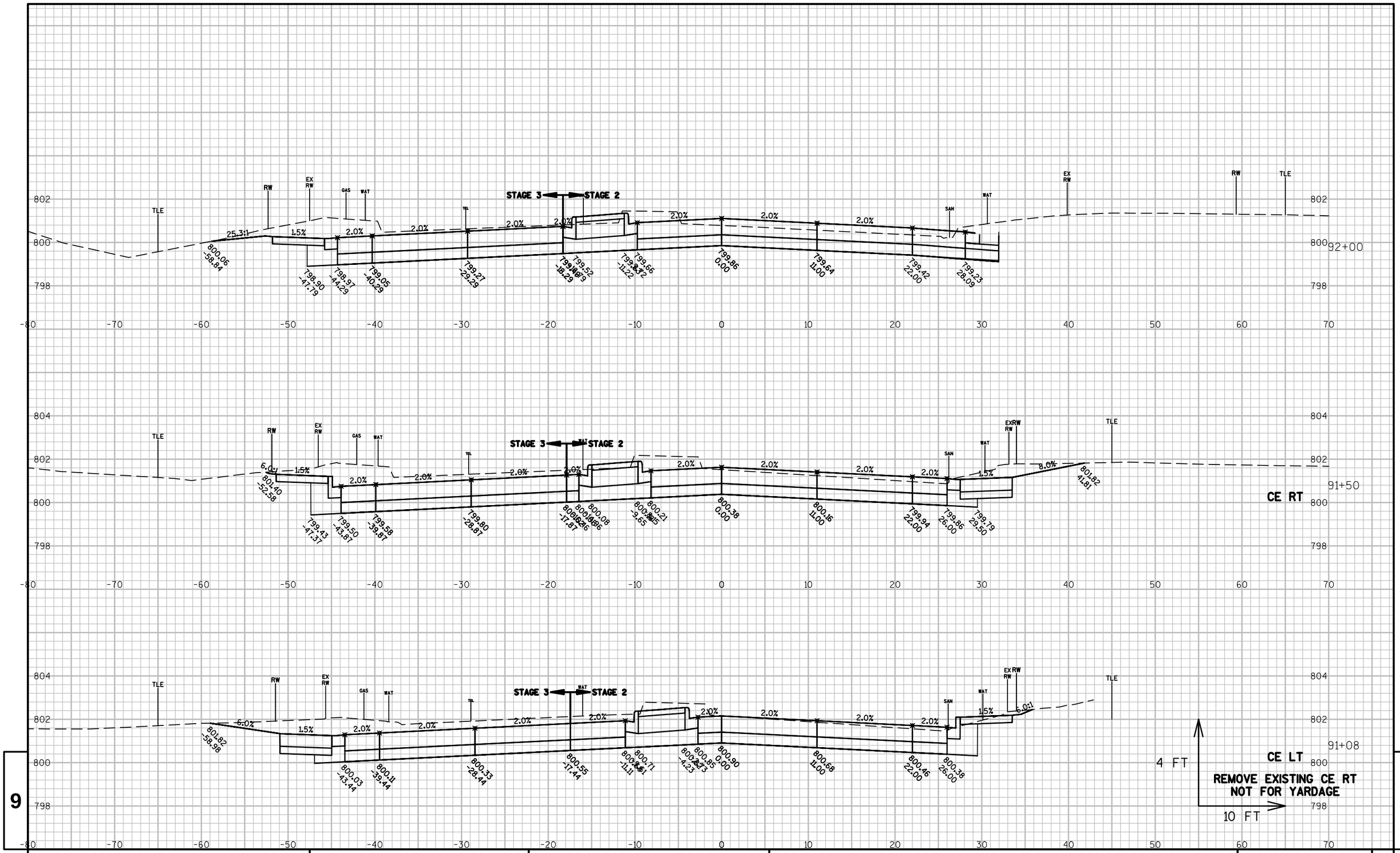
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 440	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:58 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********



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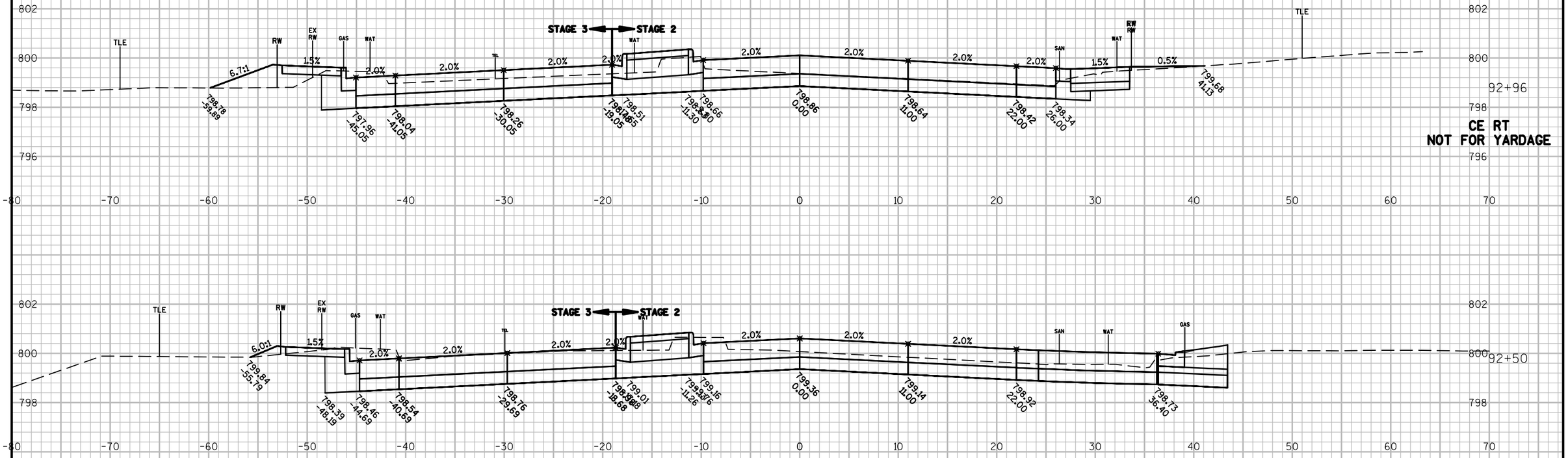
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 441	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

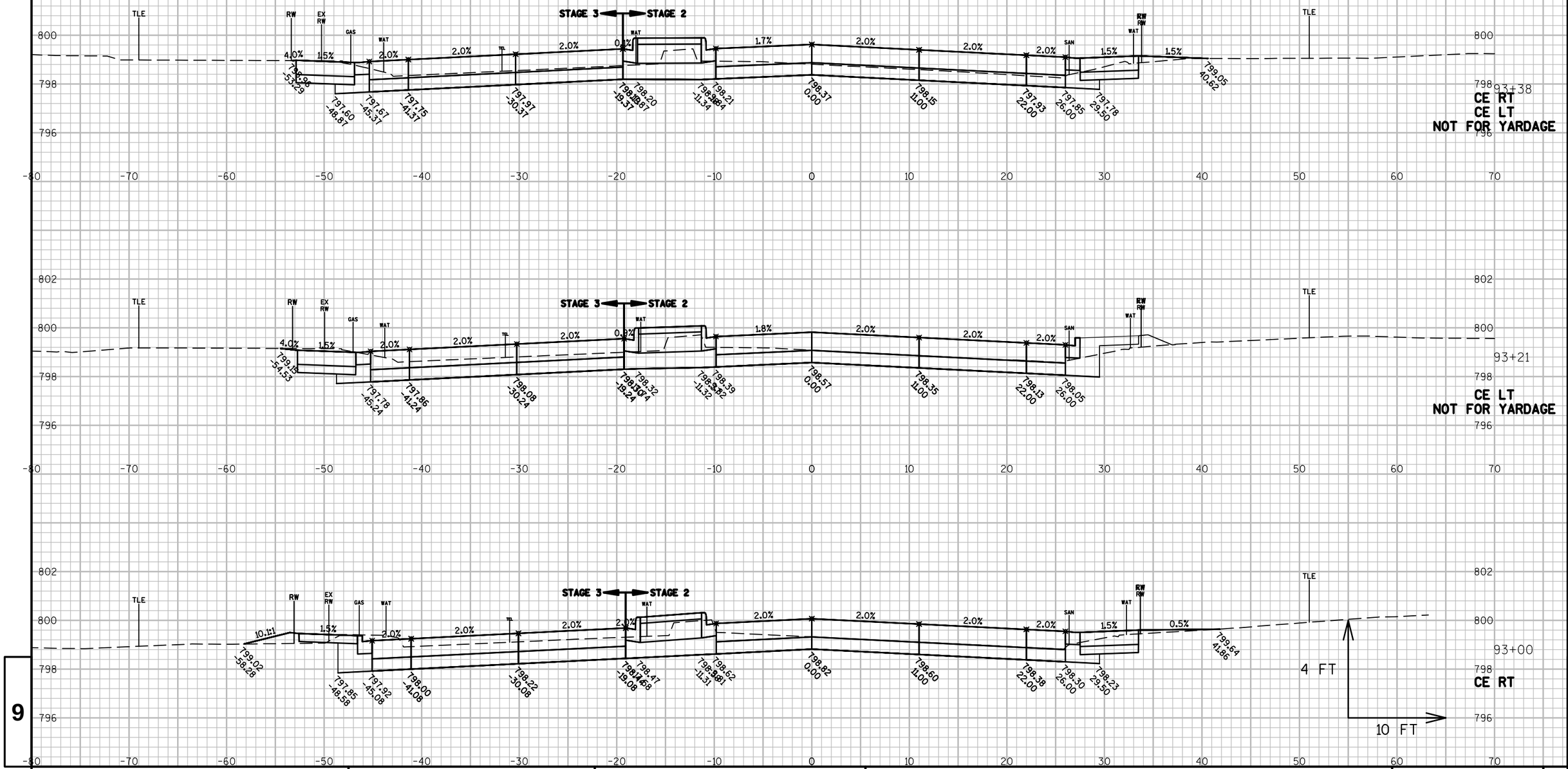


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 442	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

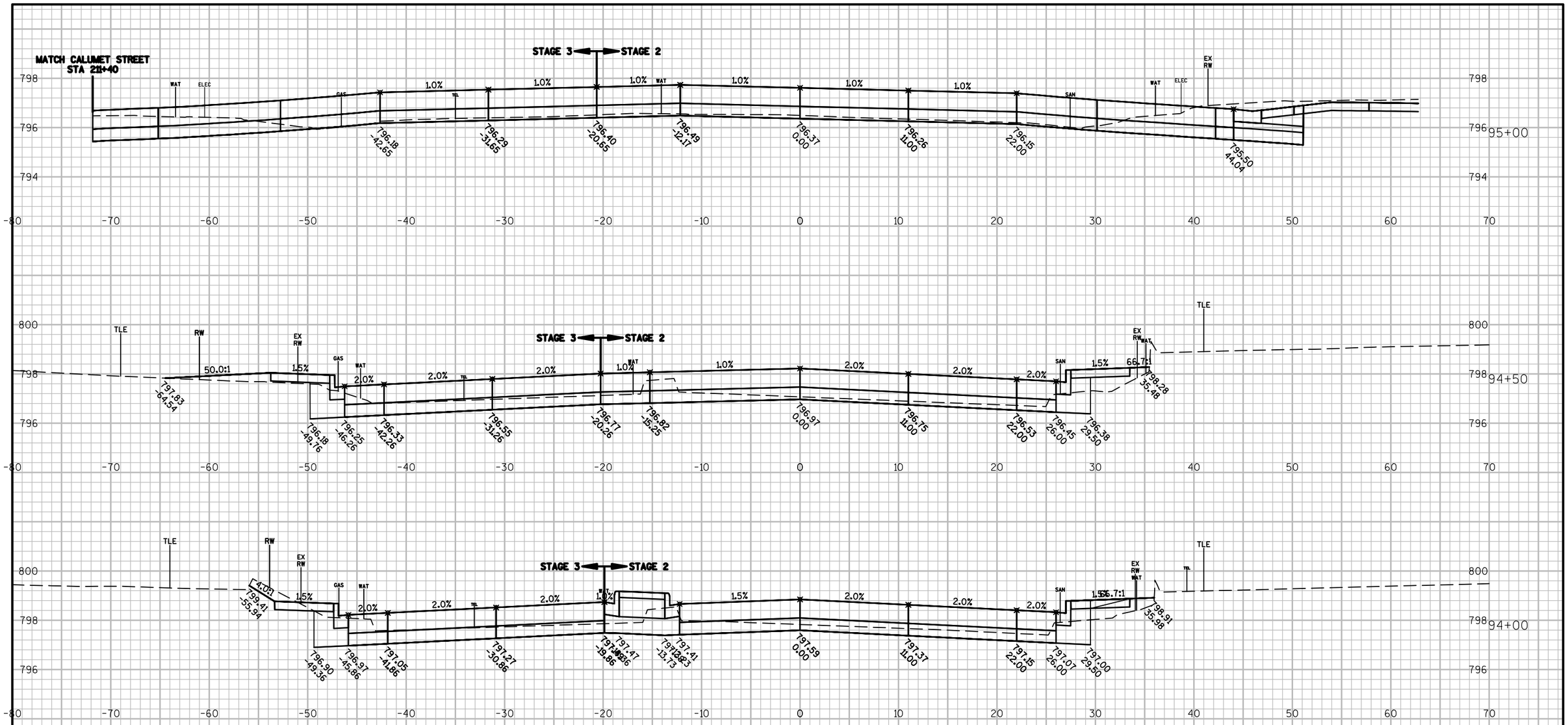


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 443	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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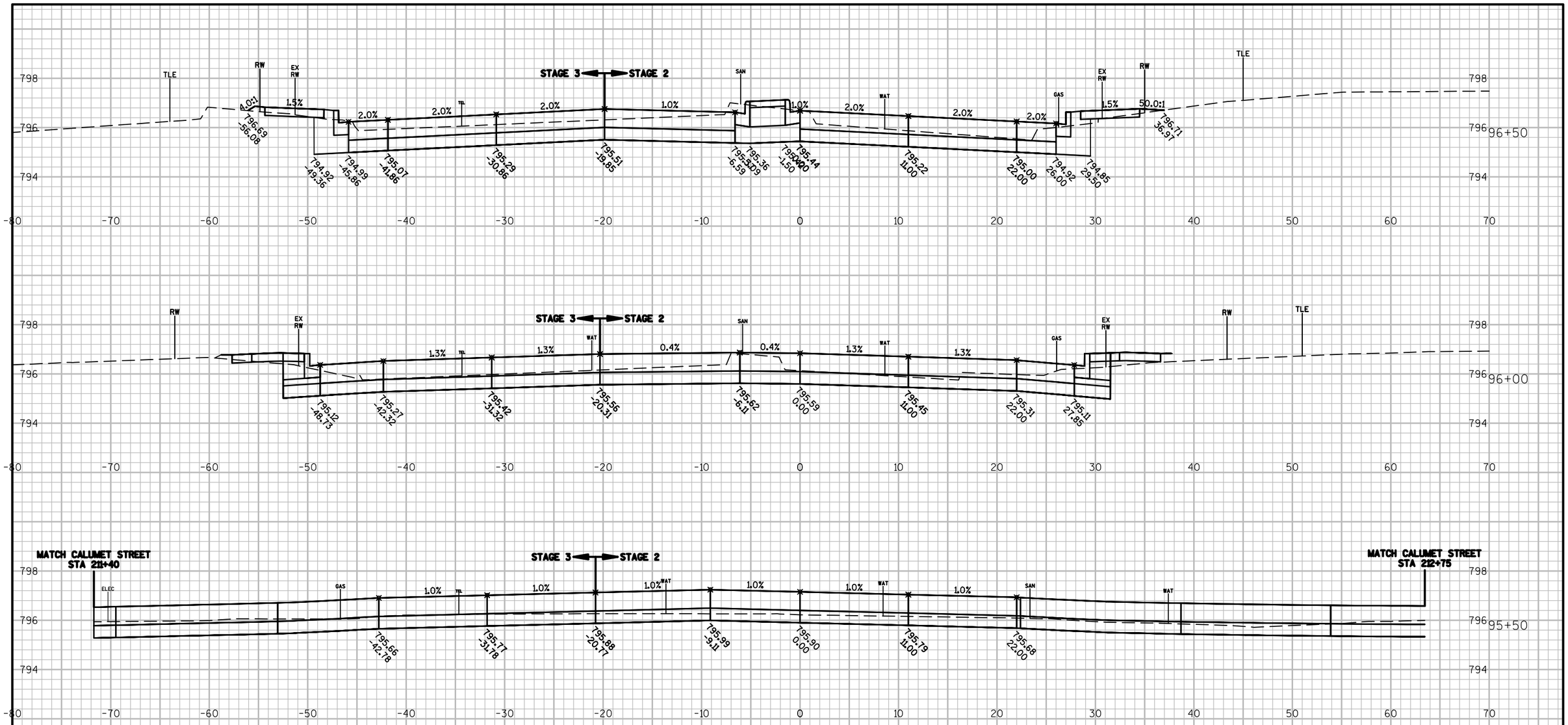
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 444	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

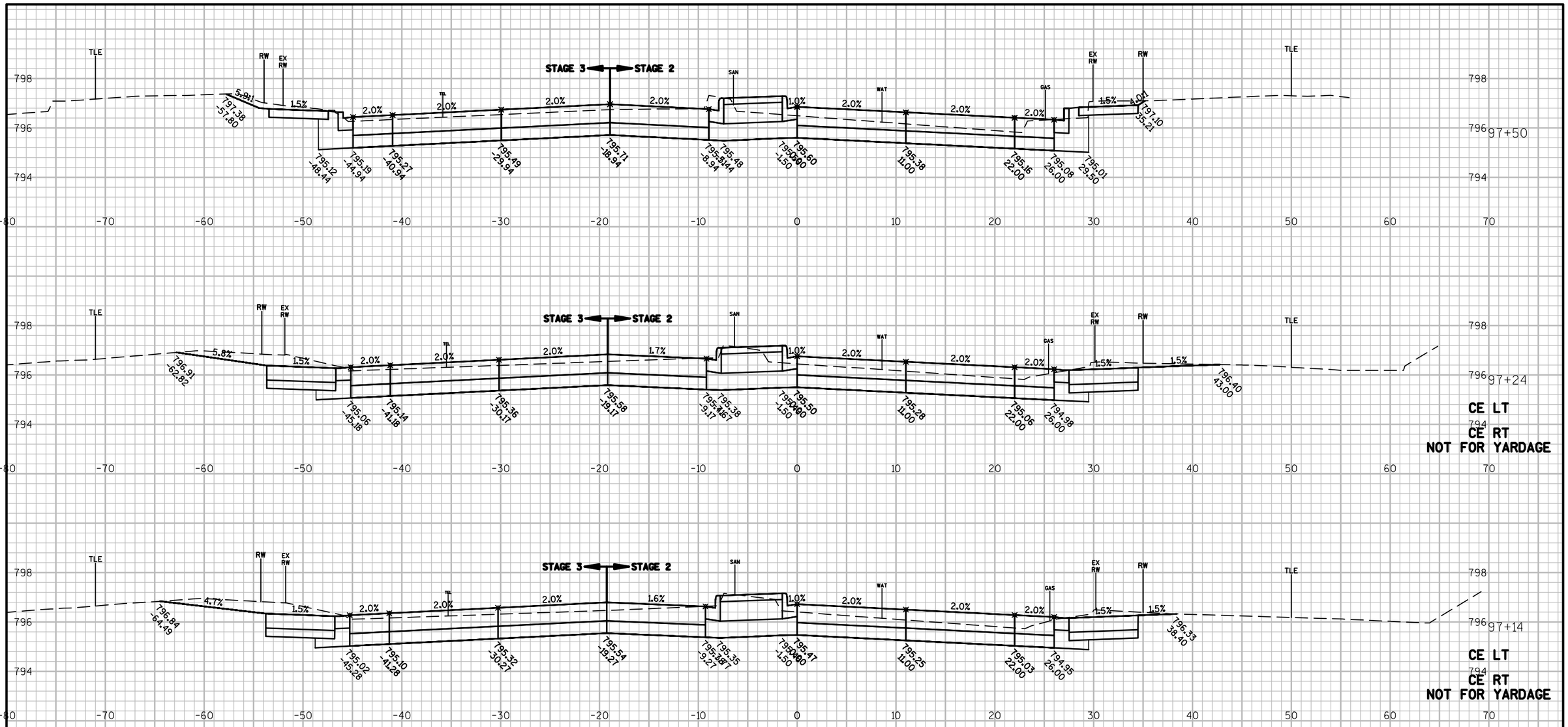


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 445	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

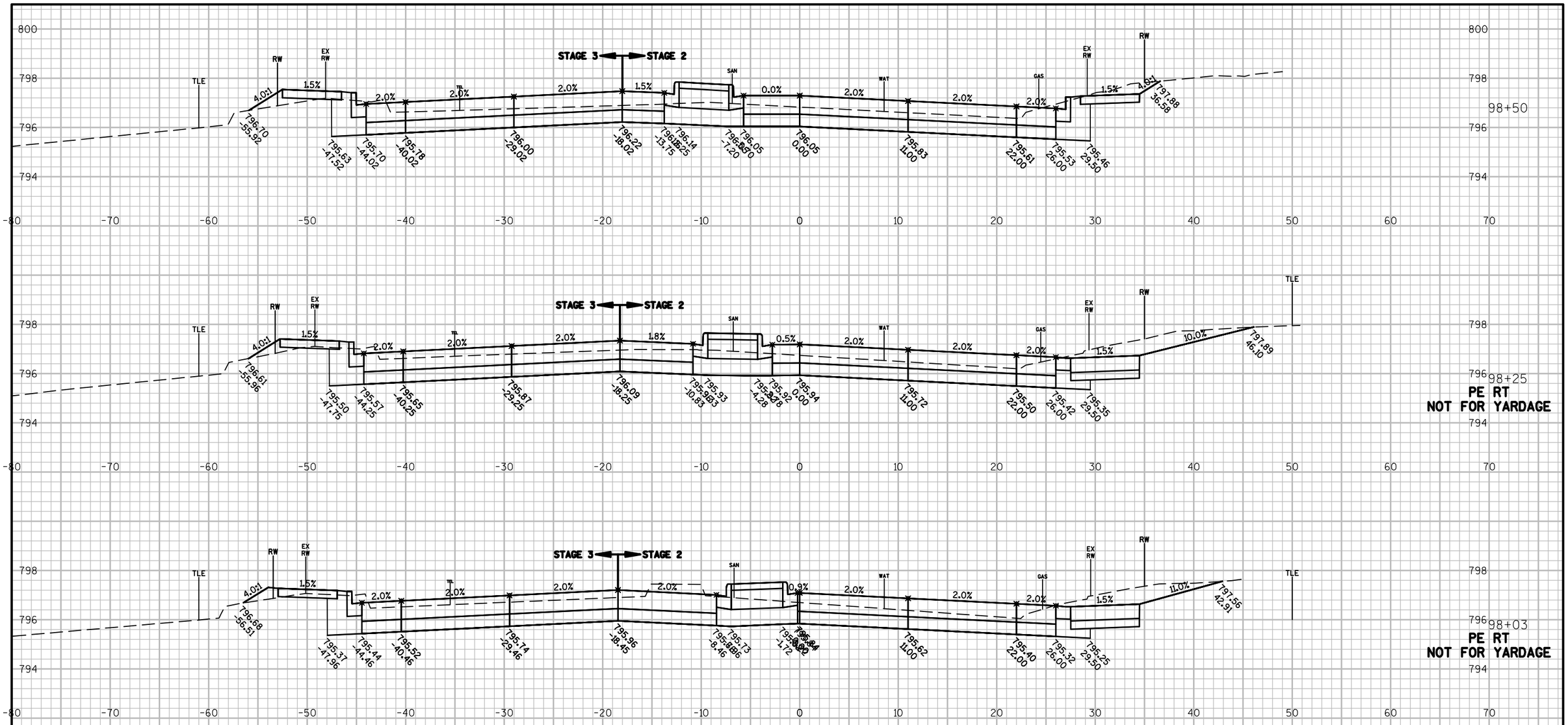


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 446	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

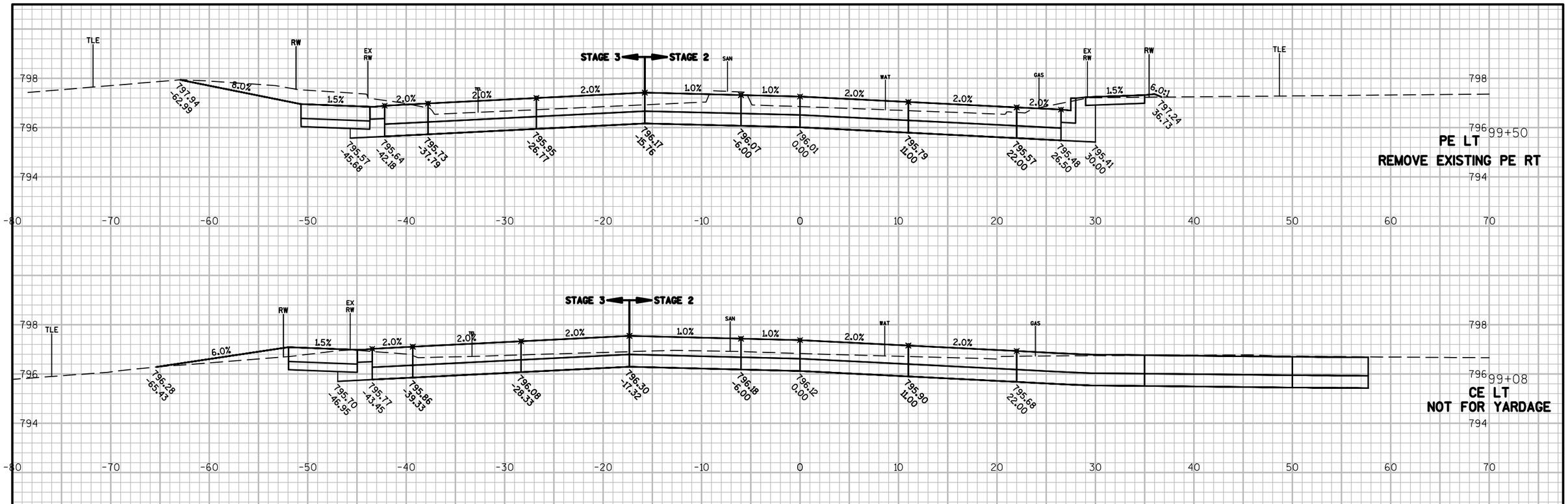
WISDOT/CADDS SHEET 49

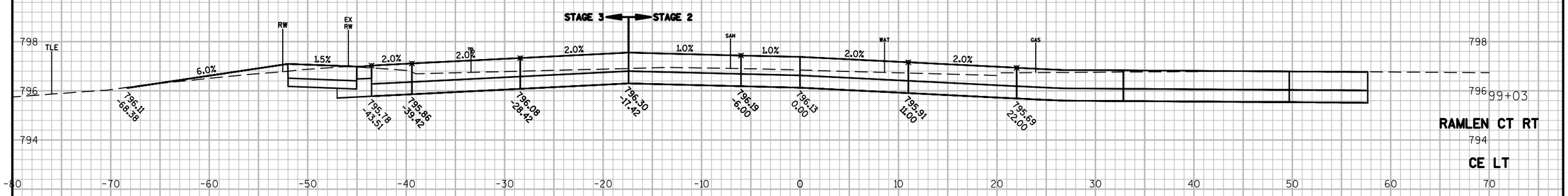


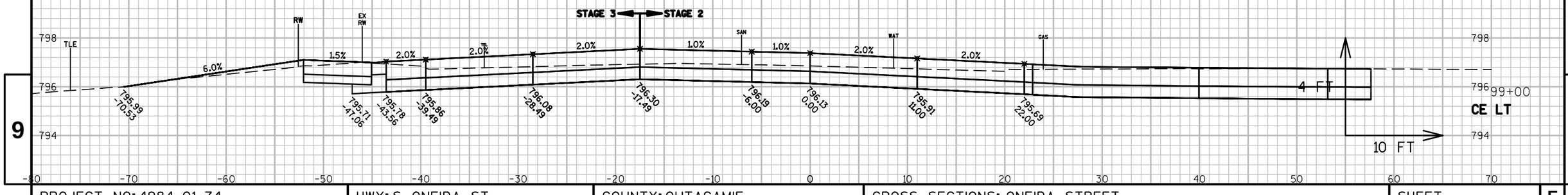
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 447	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********







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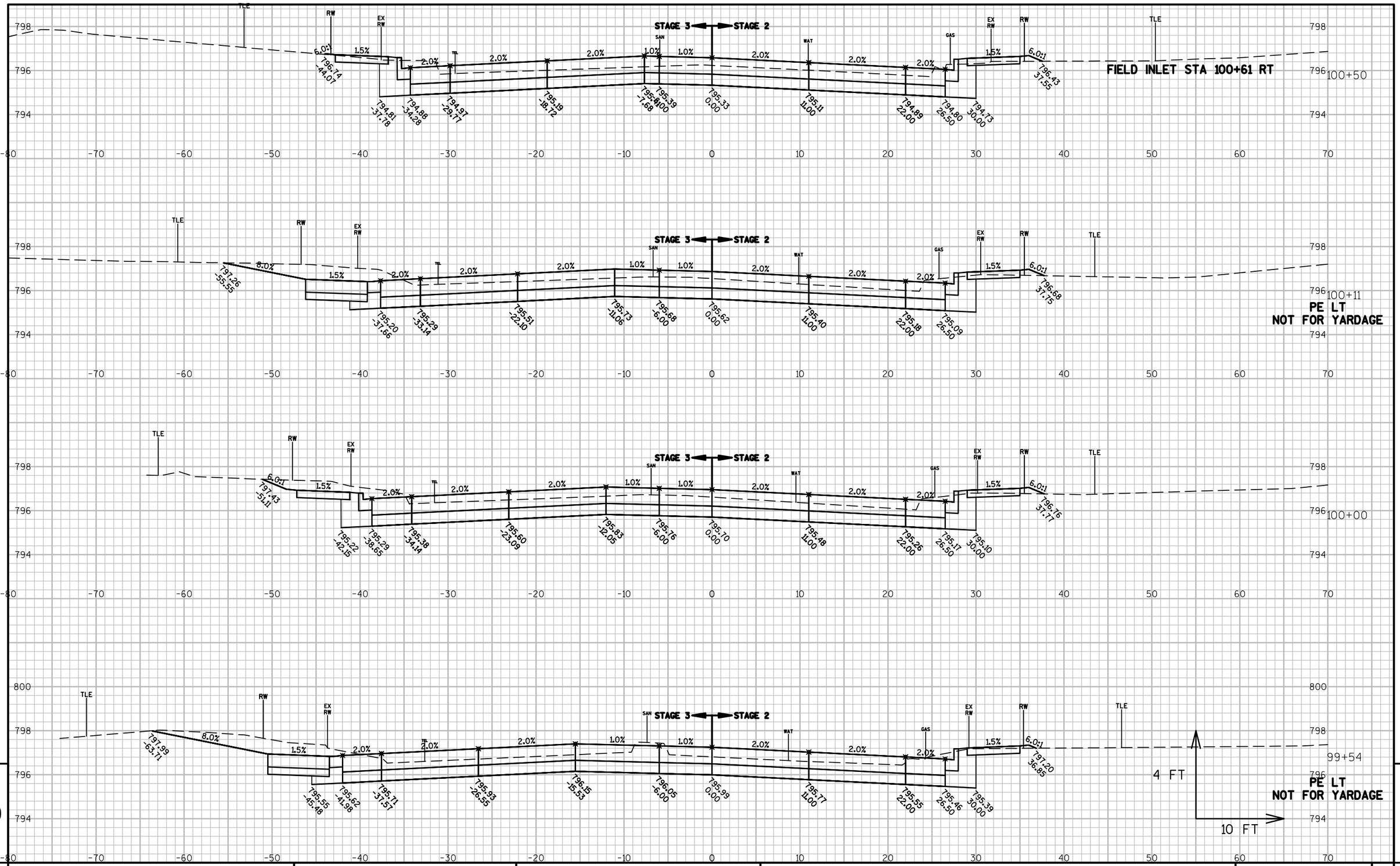
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 448	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

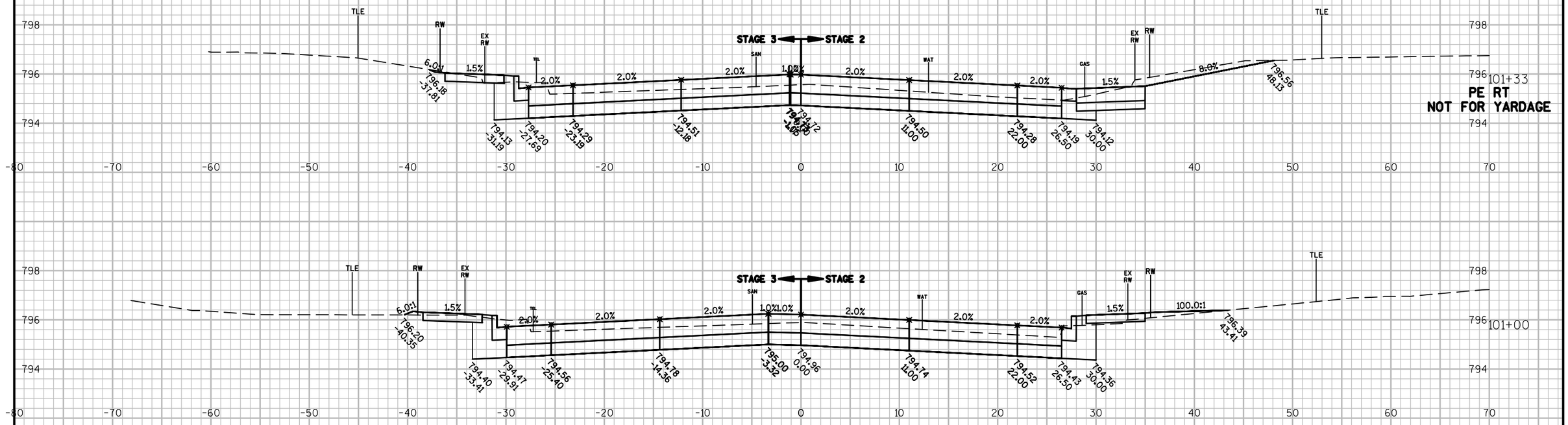


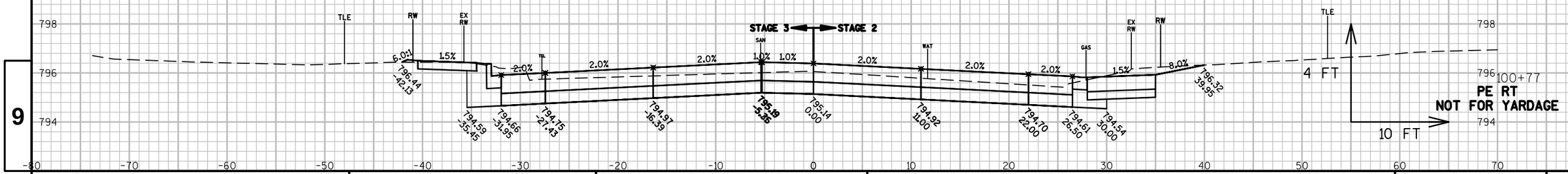
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 449	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 10:59 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49





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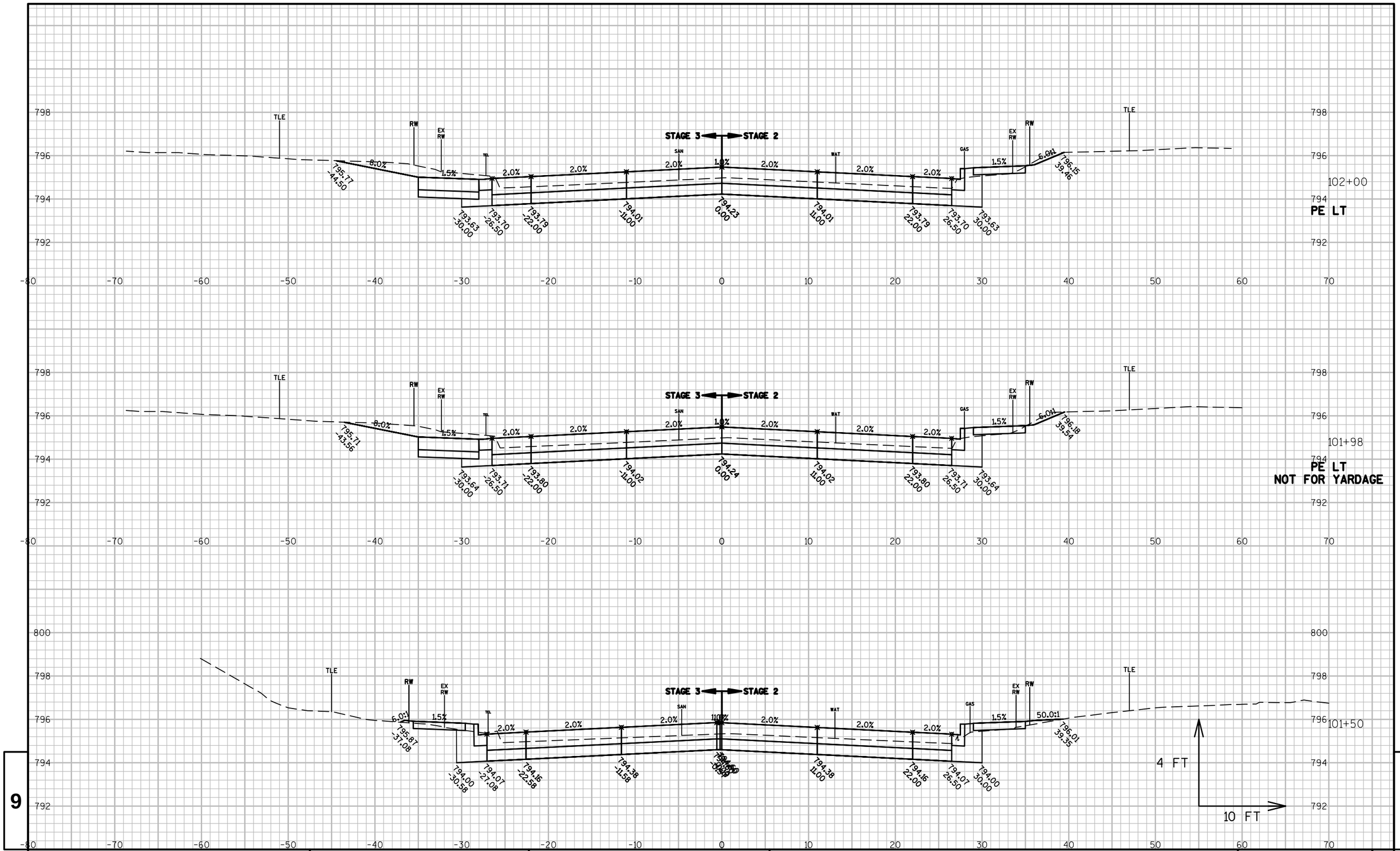
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 450	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:00 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

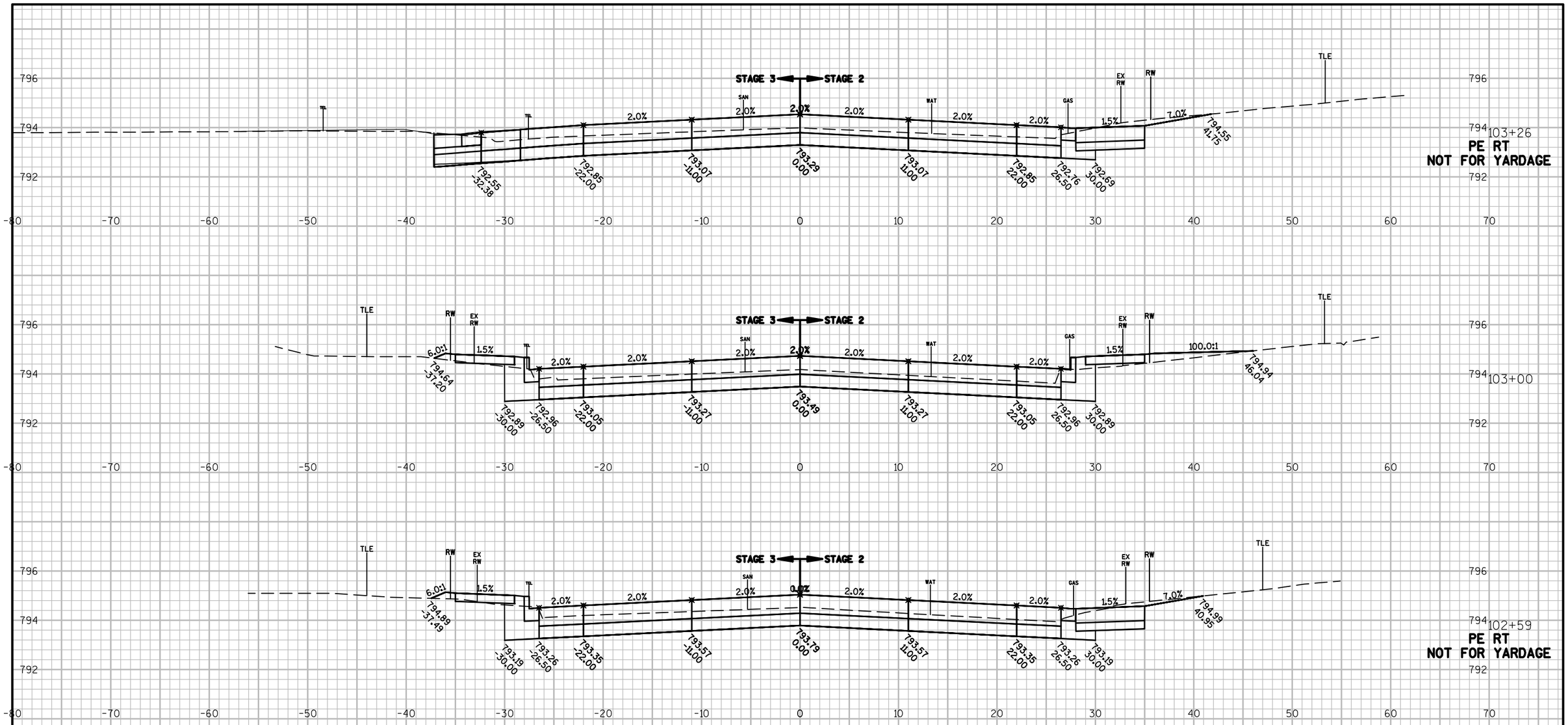


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 451	E

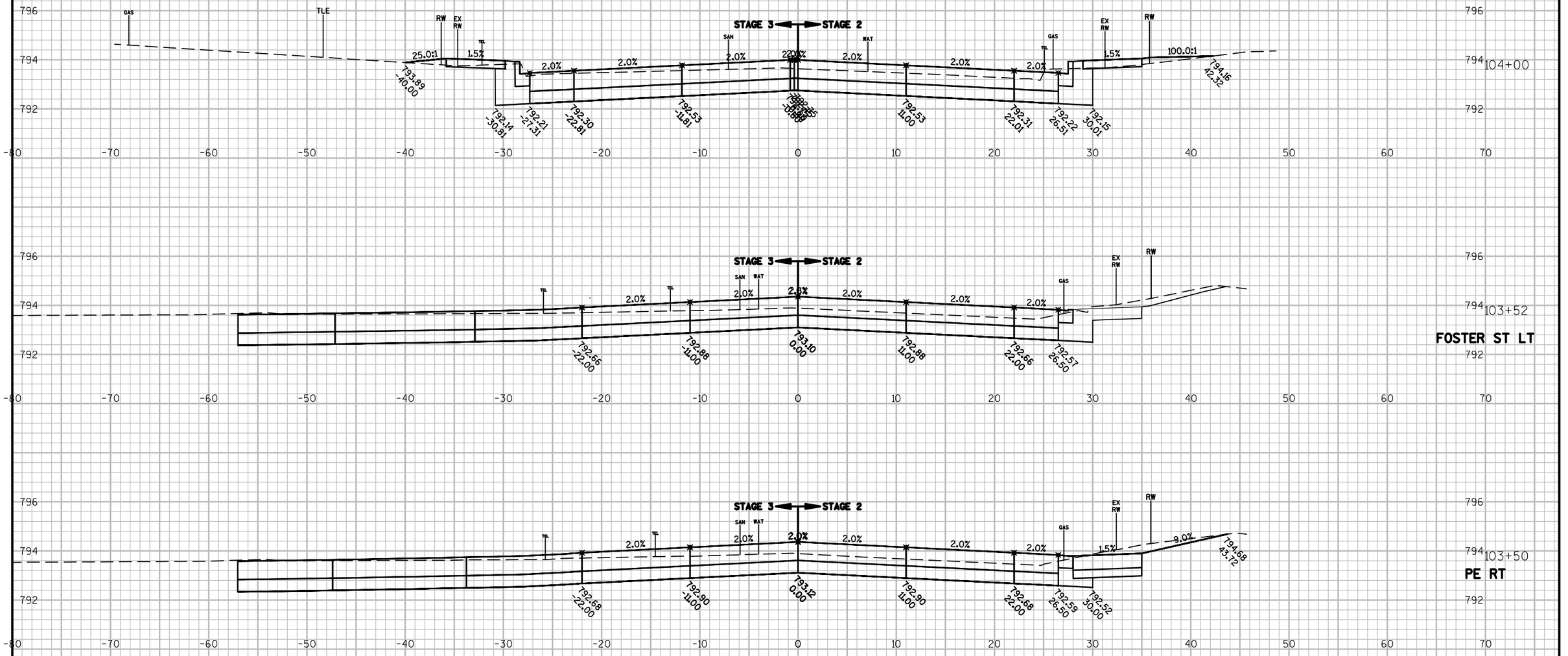
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:00 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 452	E



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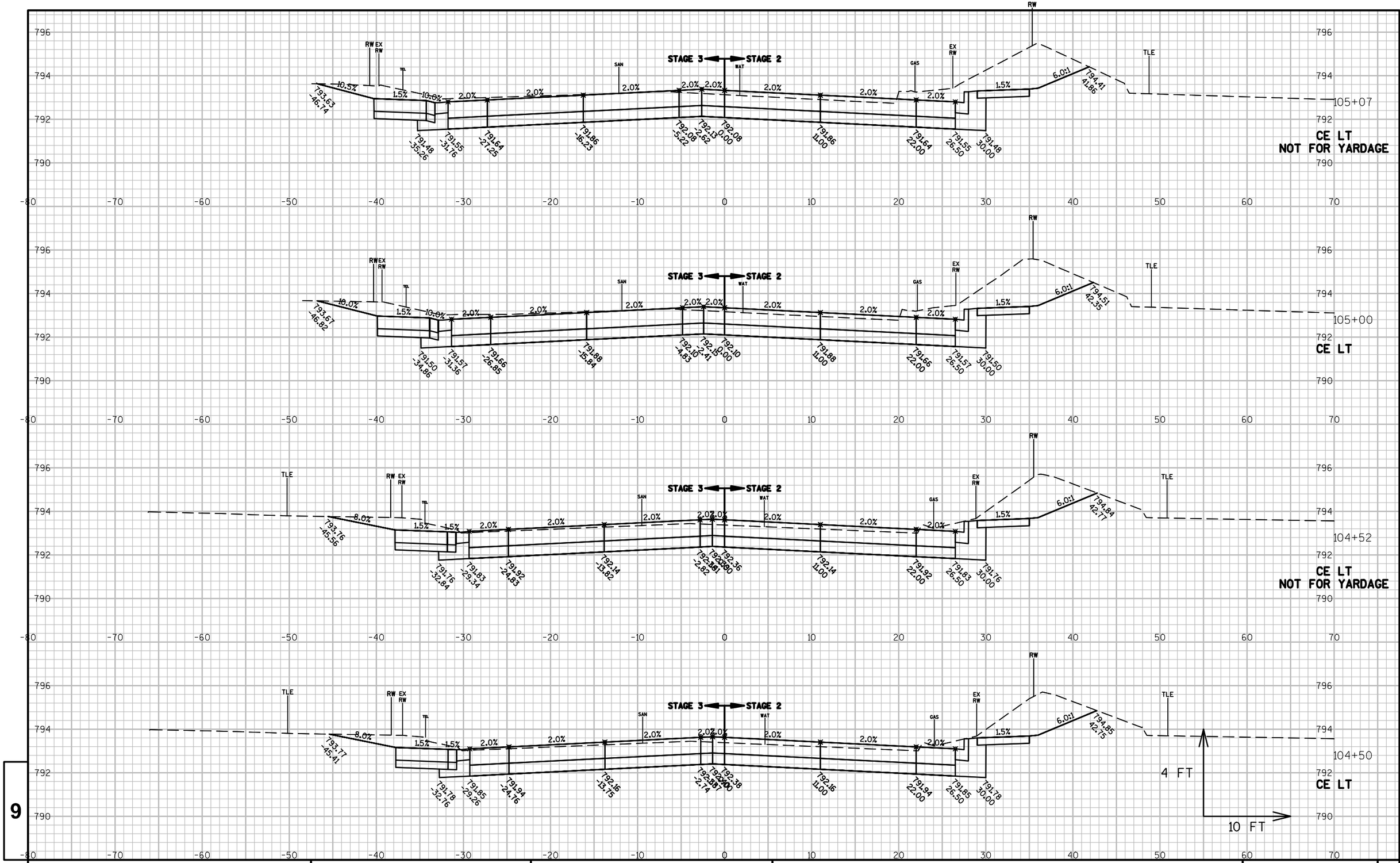
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 453	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:00 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

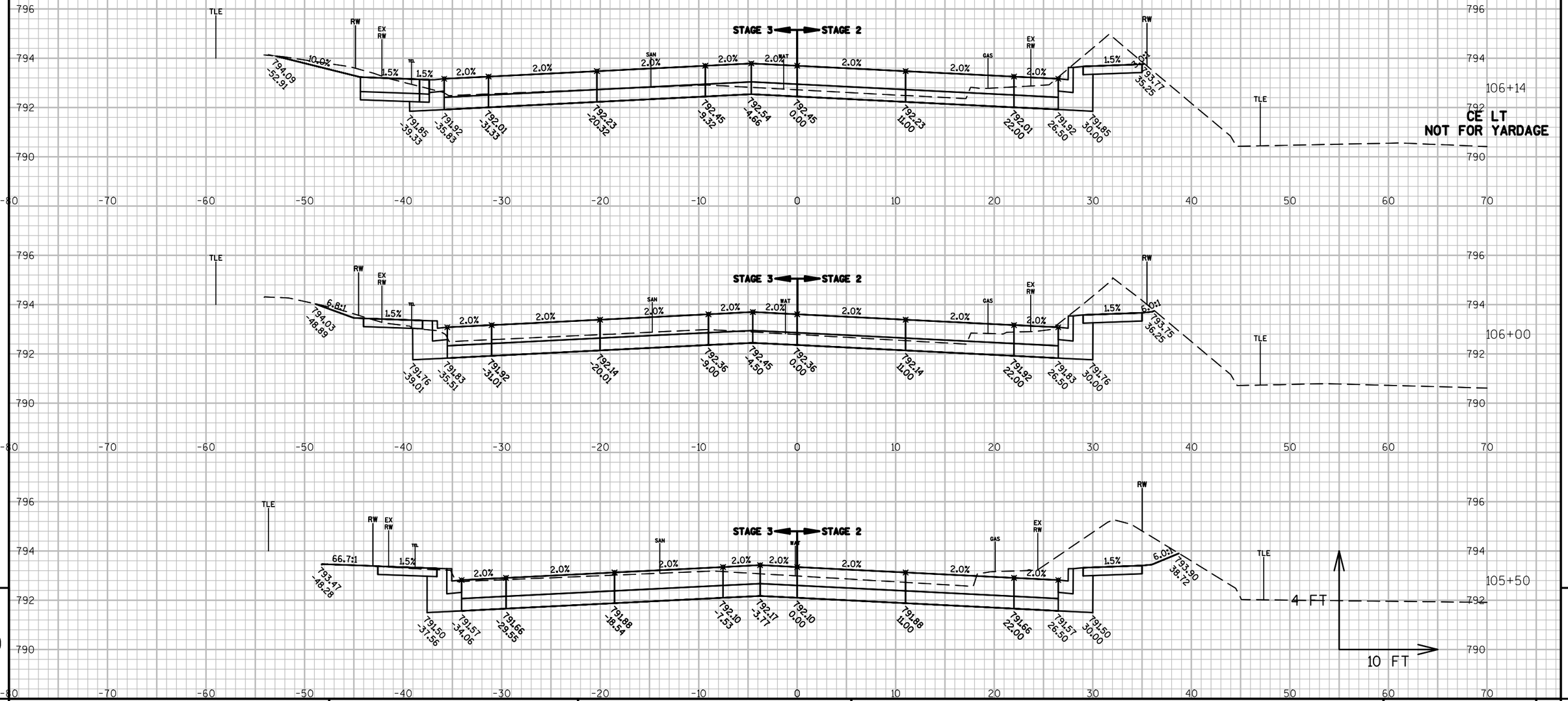


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 454	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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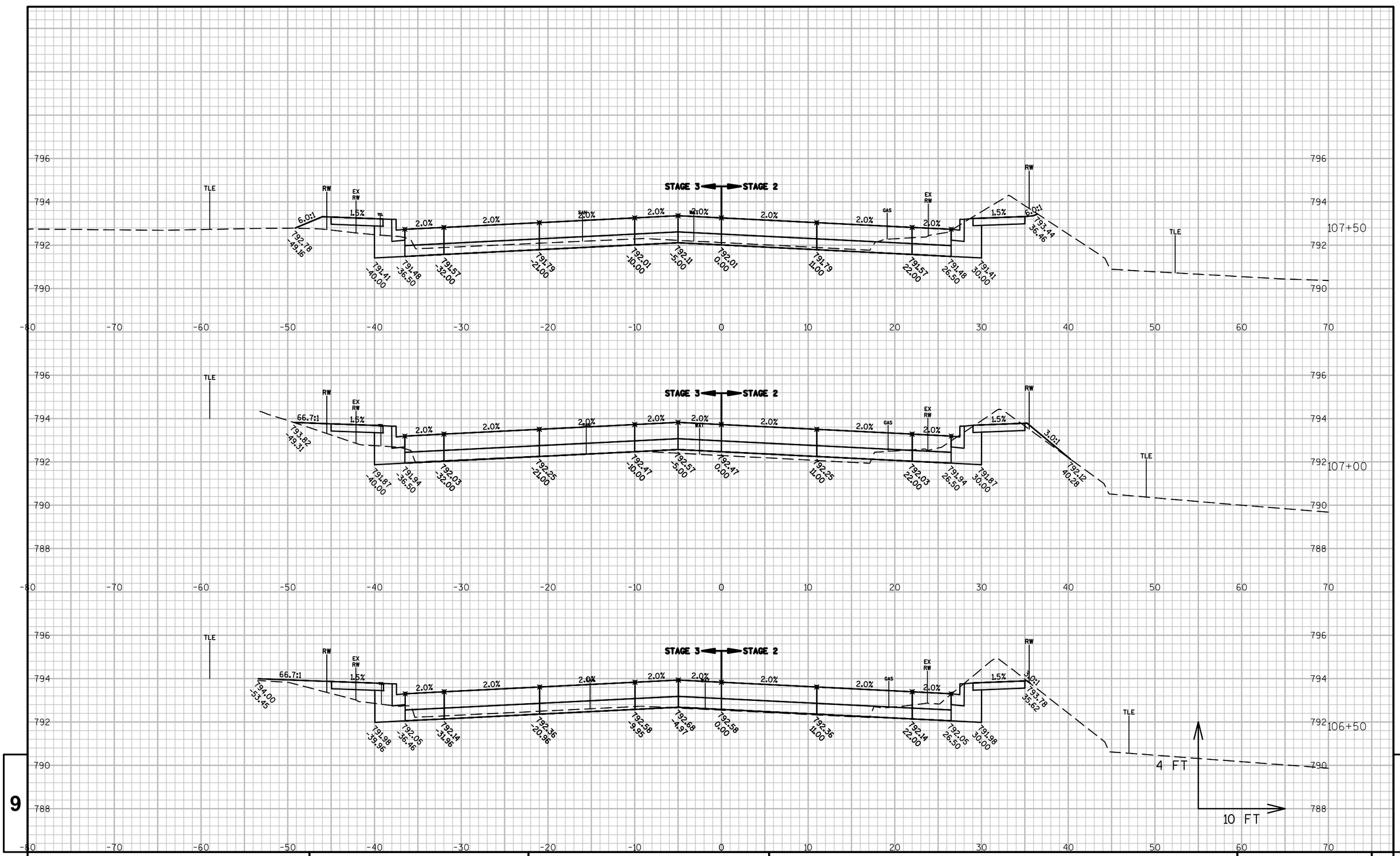
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 455	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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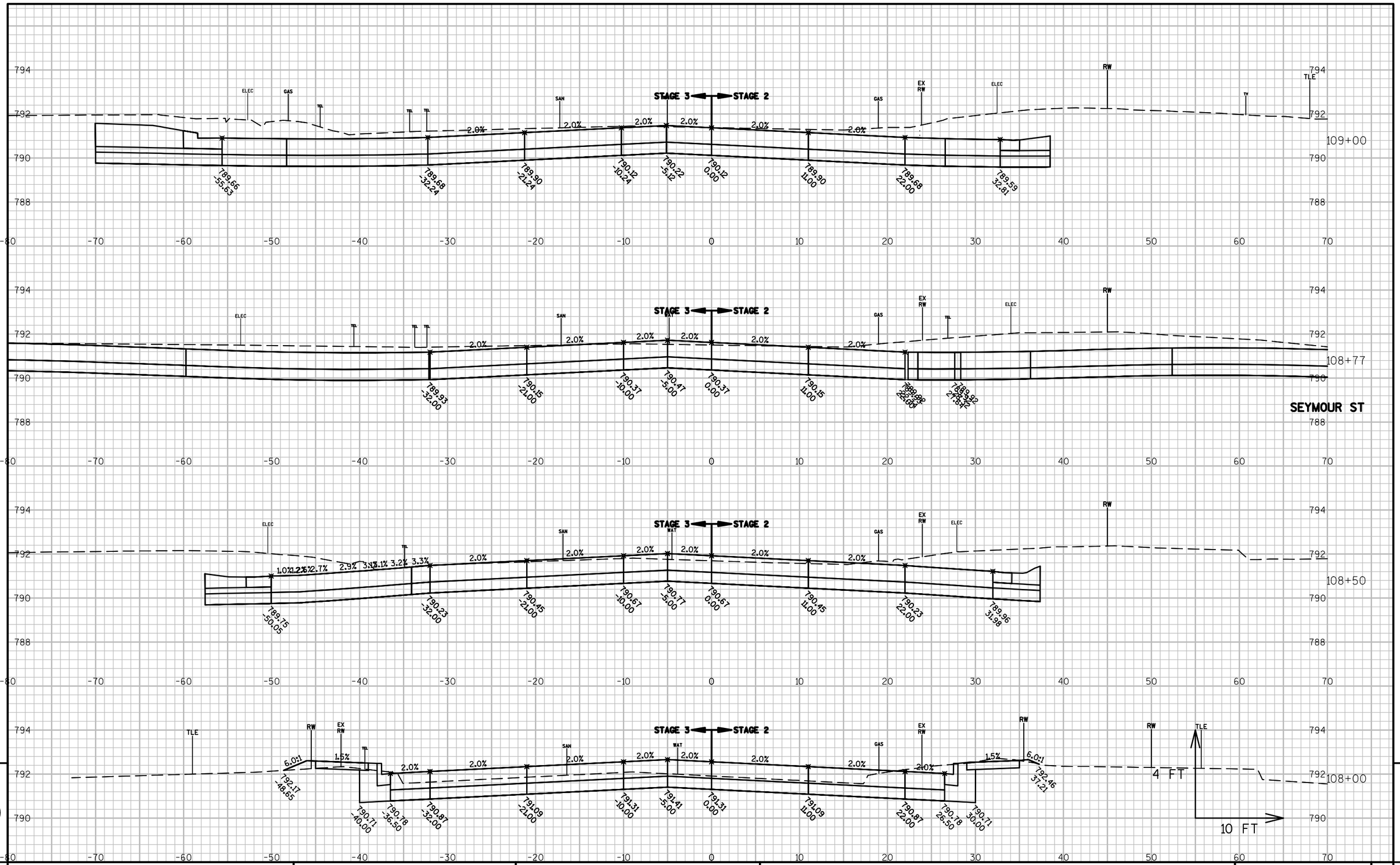
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 456	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : **********

WISDOT/CADDS SHEET 49

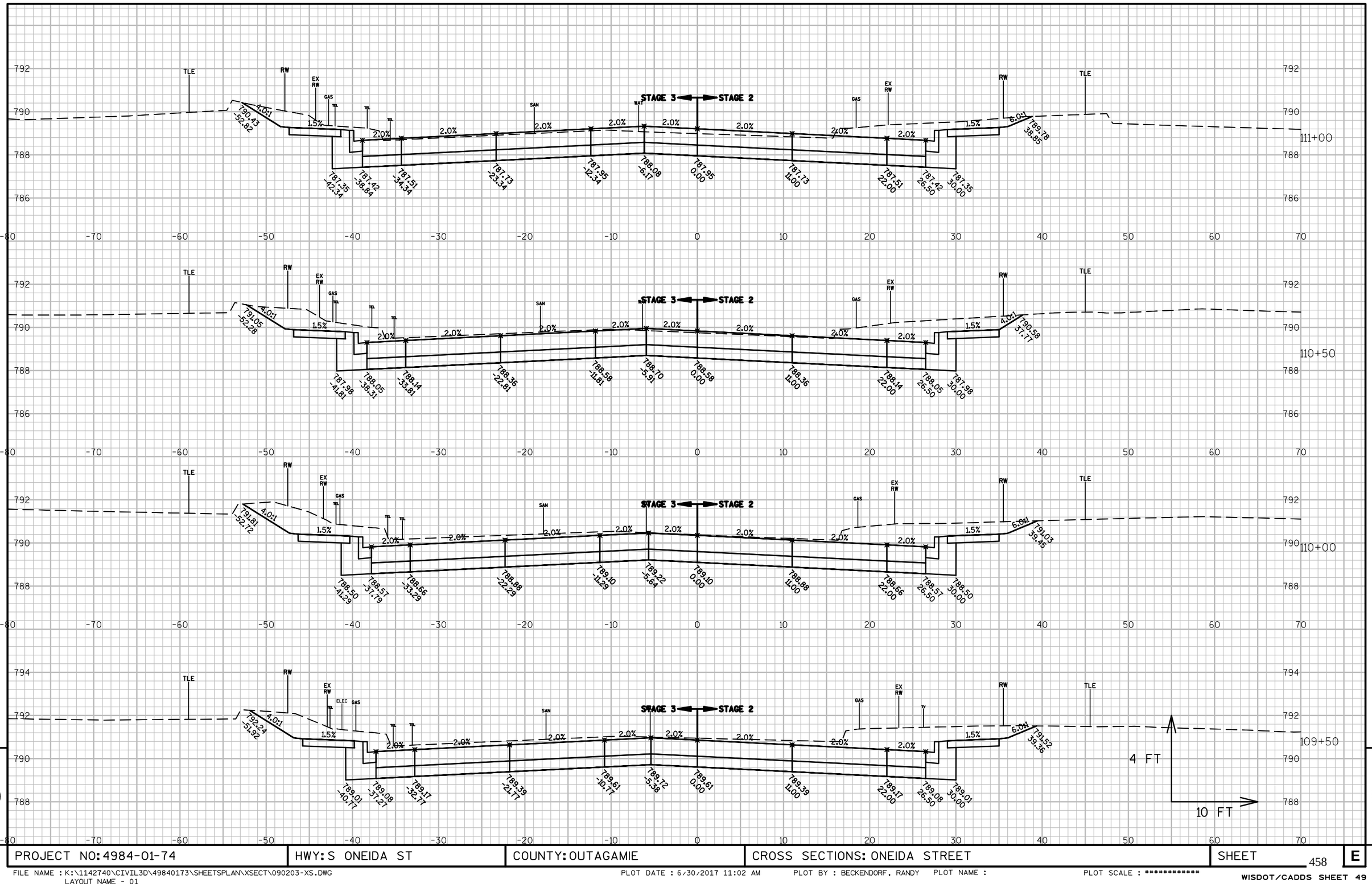


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 457	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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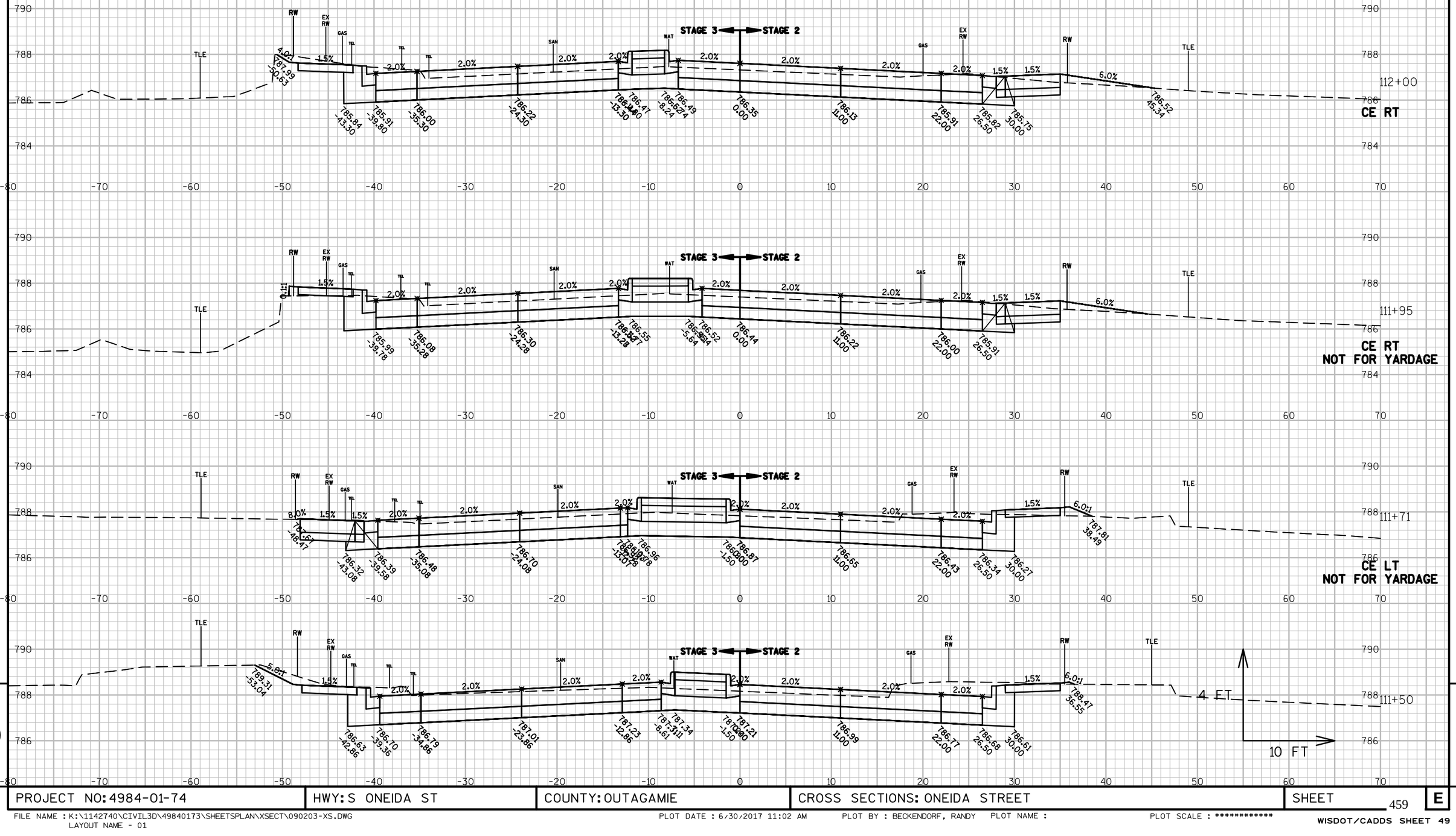
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 458	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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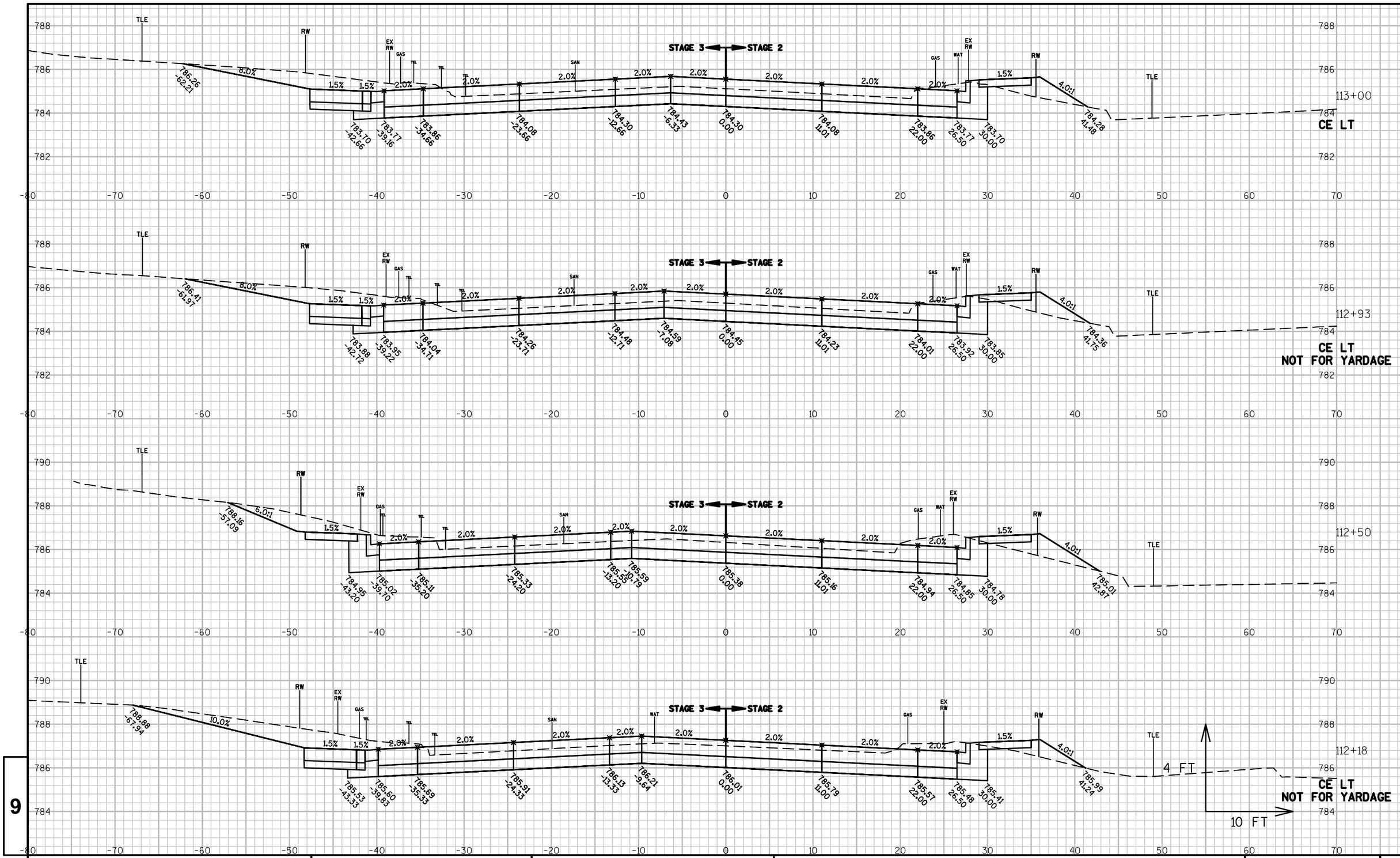
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 459	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

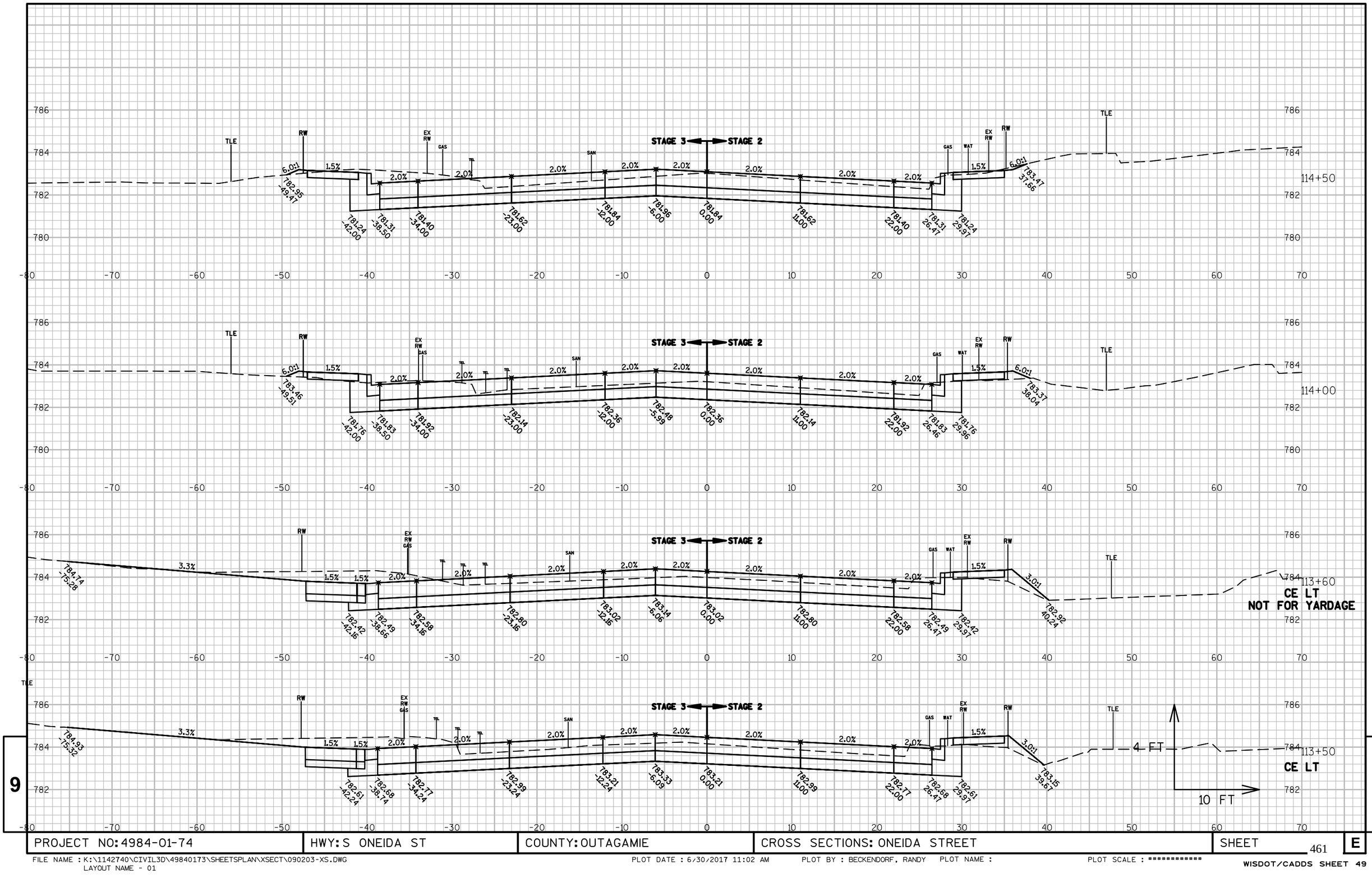


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 460	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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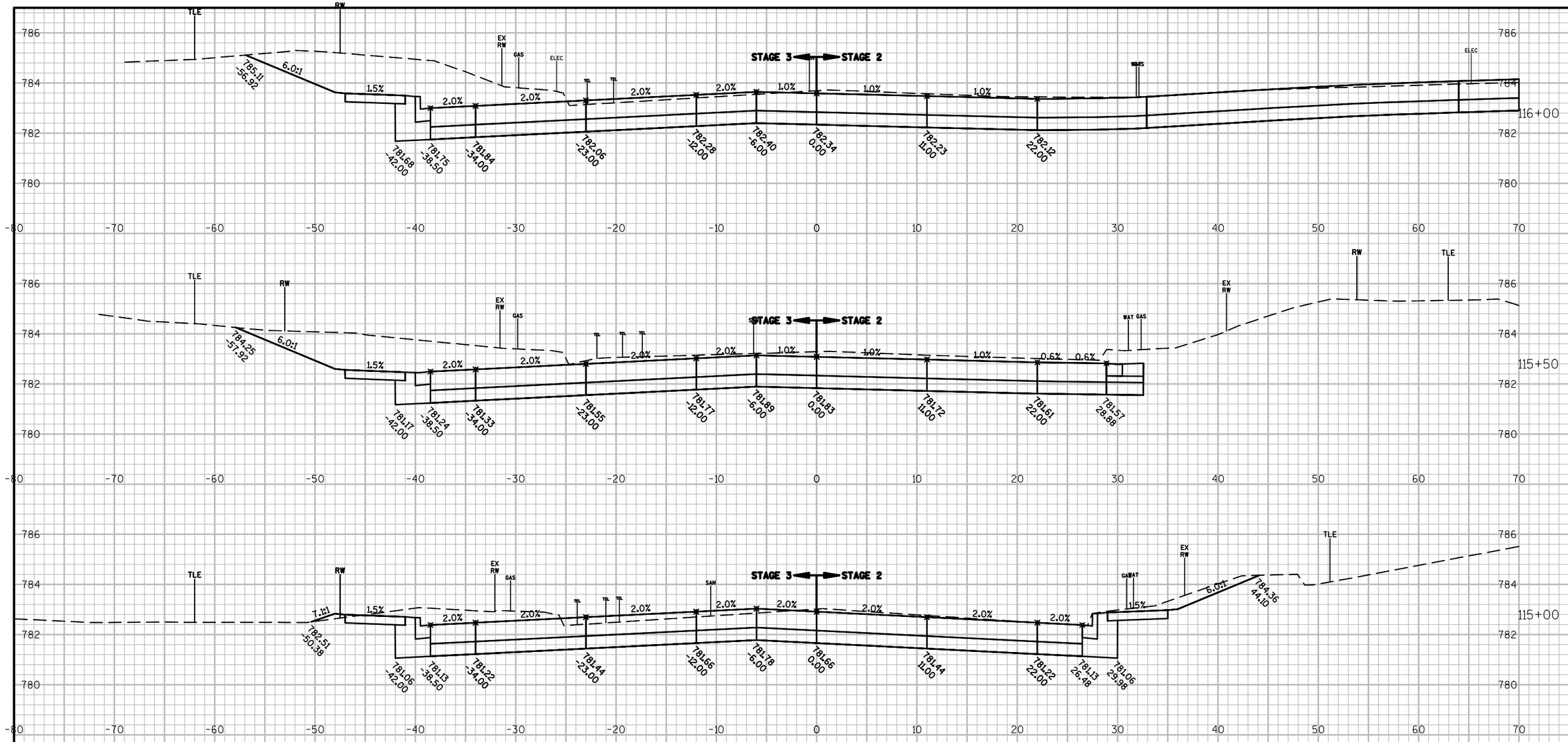
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 461	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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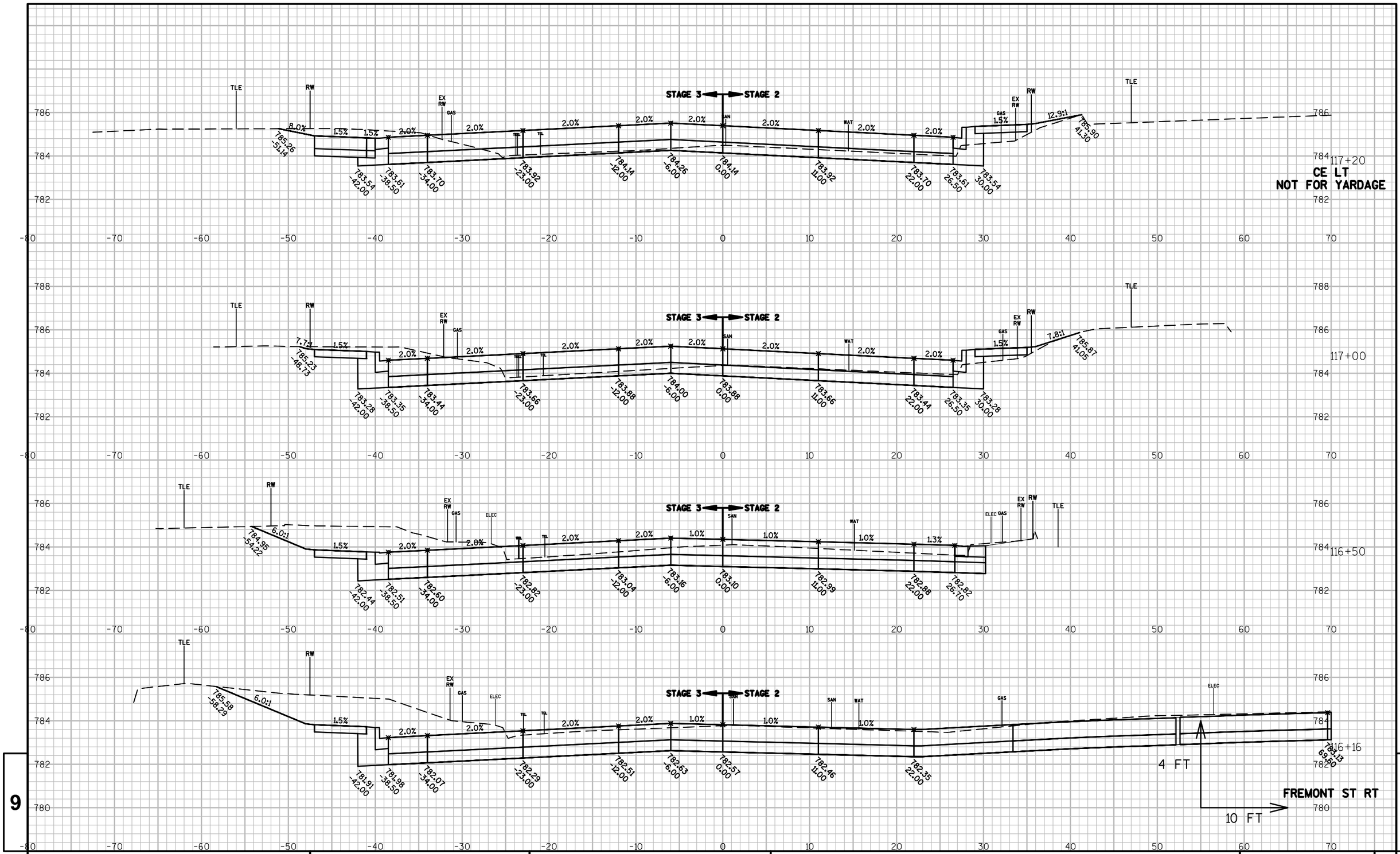
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 462	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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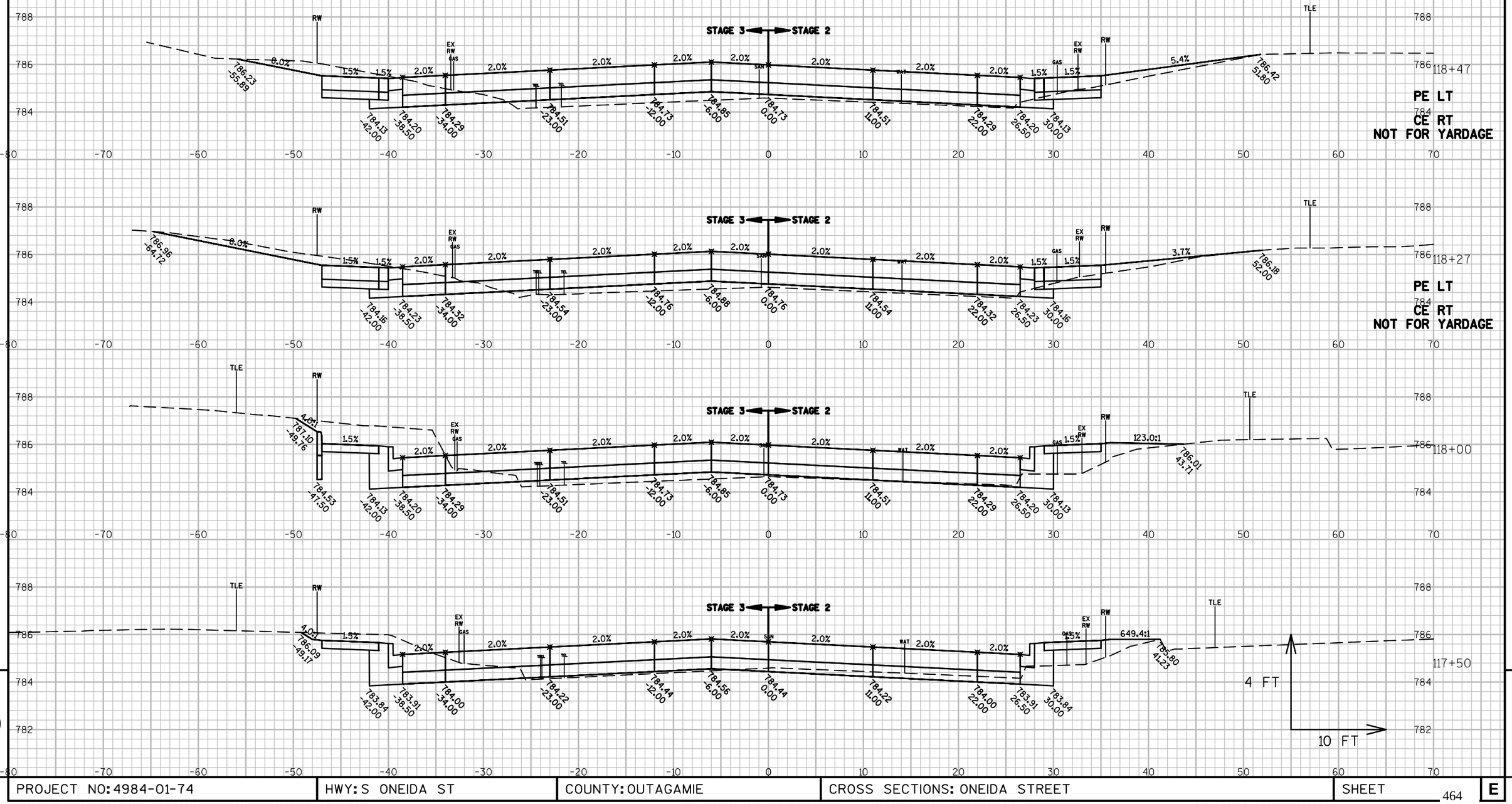
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 463	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:02 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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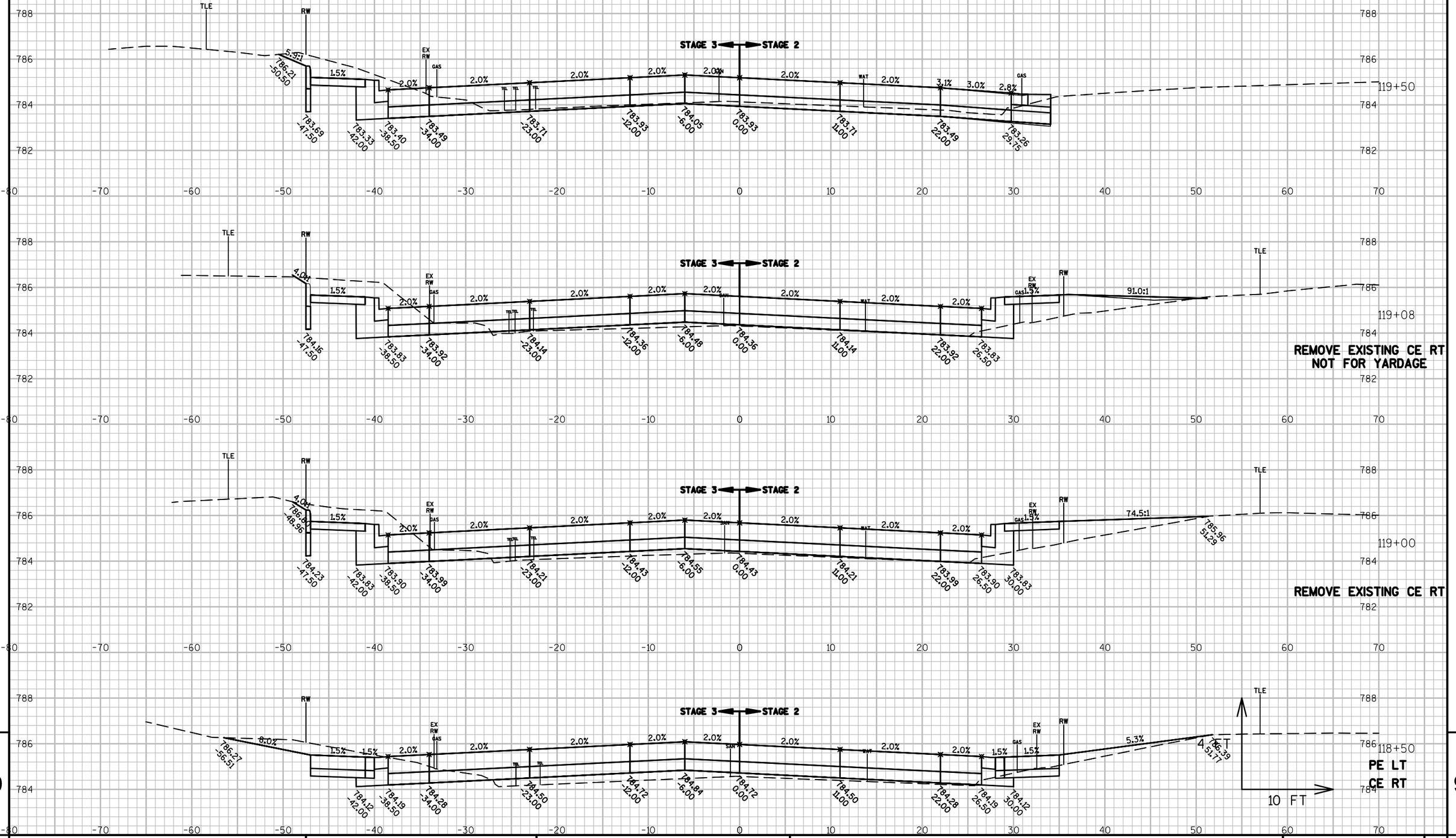
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 464	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

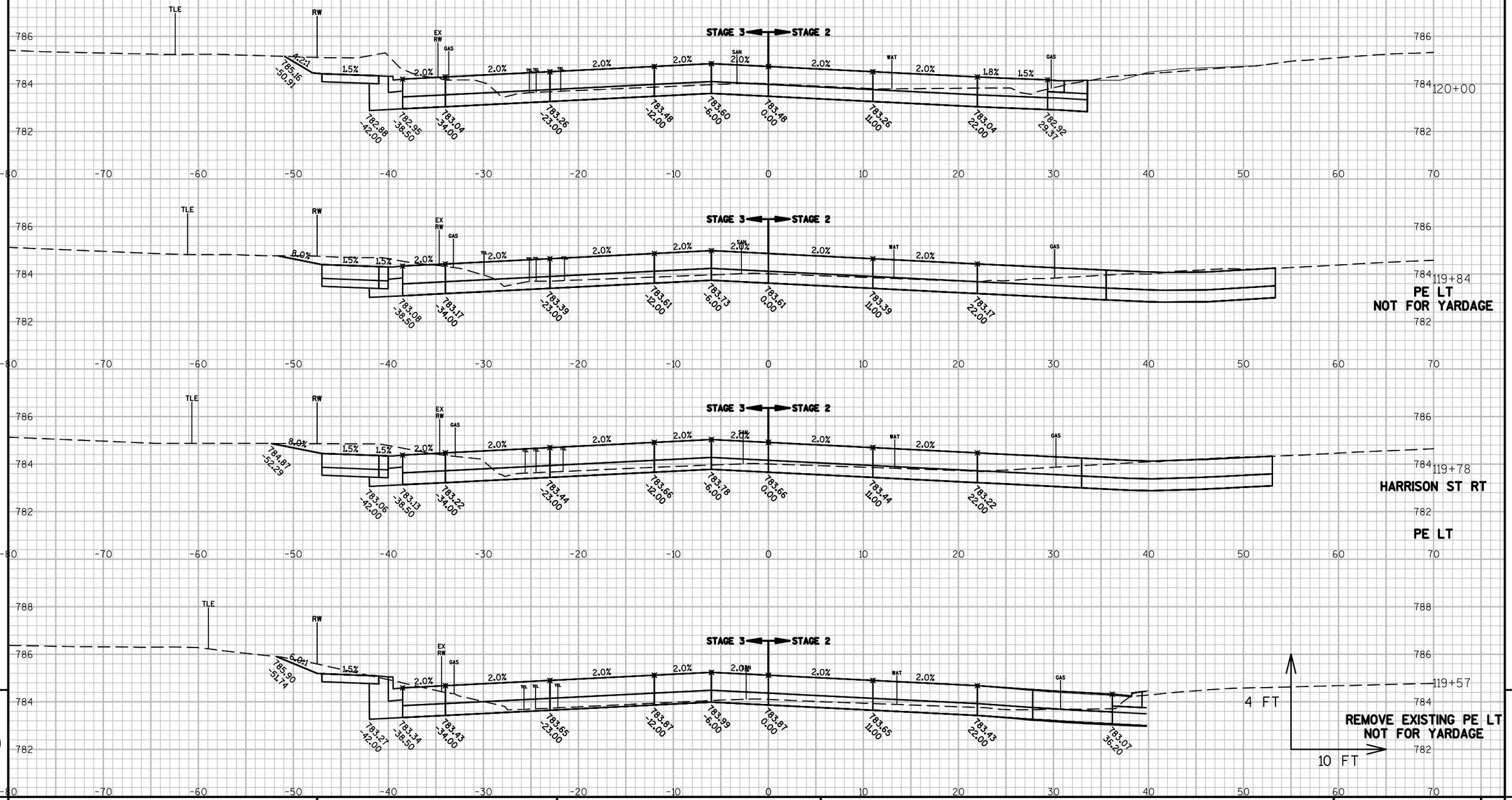


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 465	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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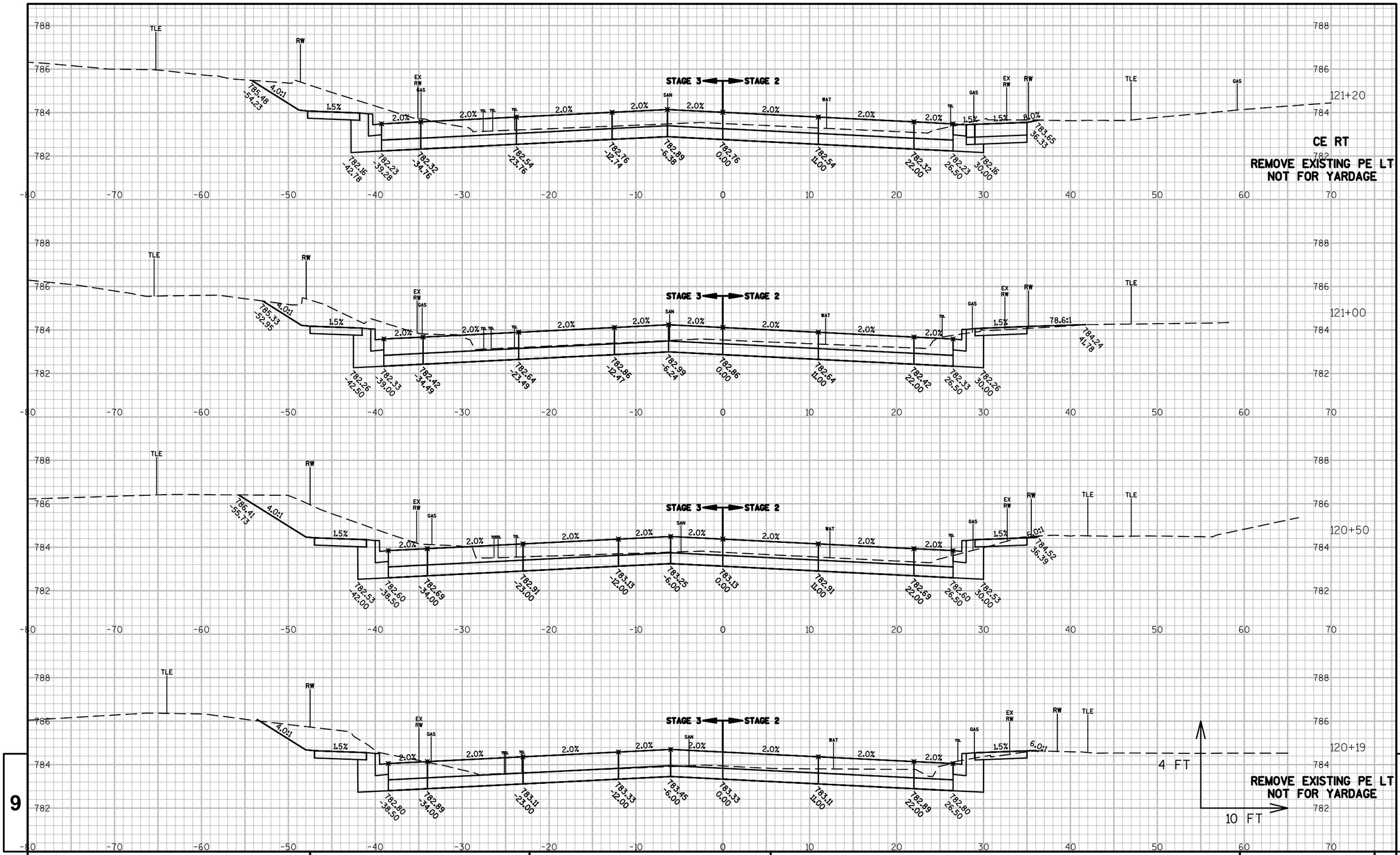
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 466	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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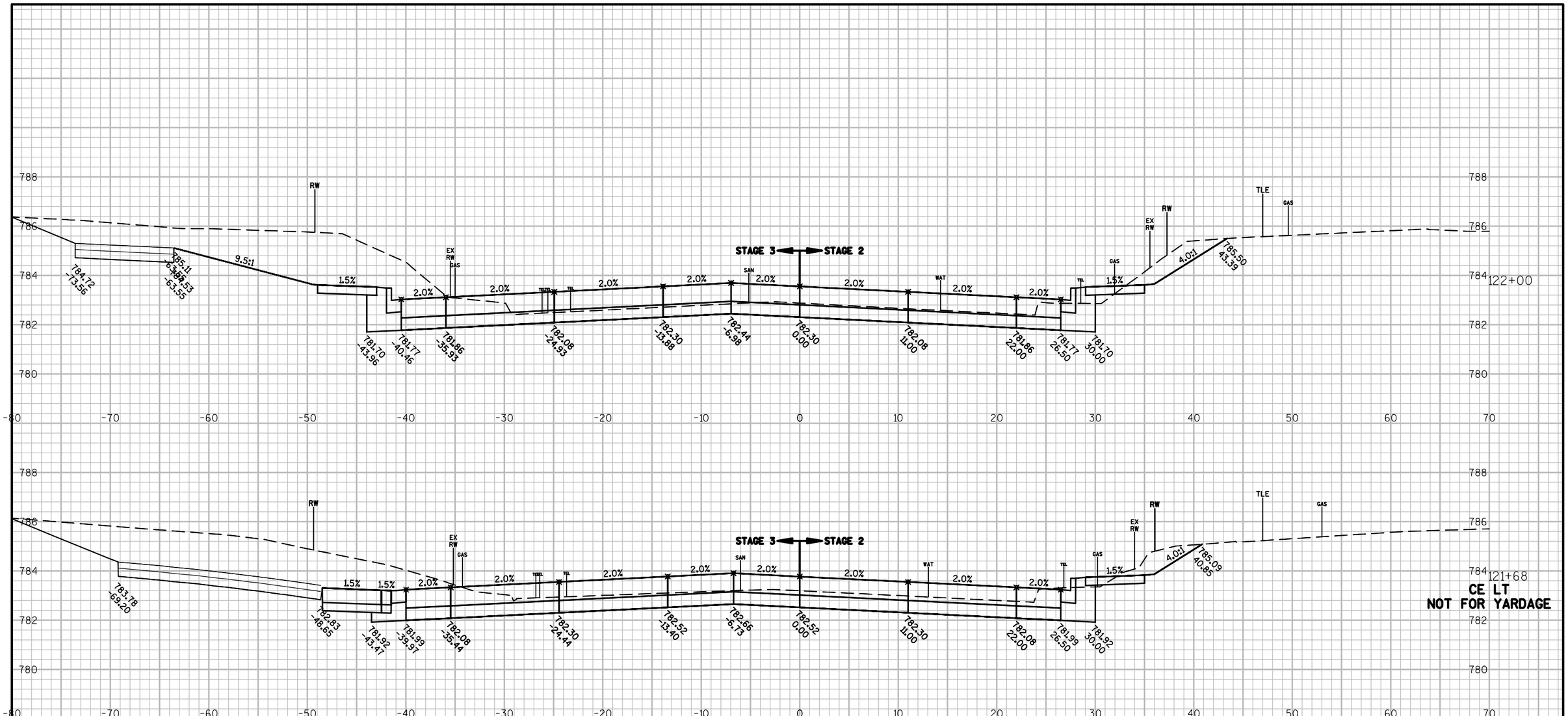
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 467	E

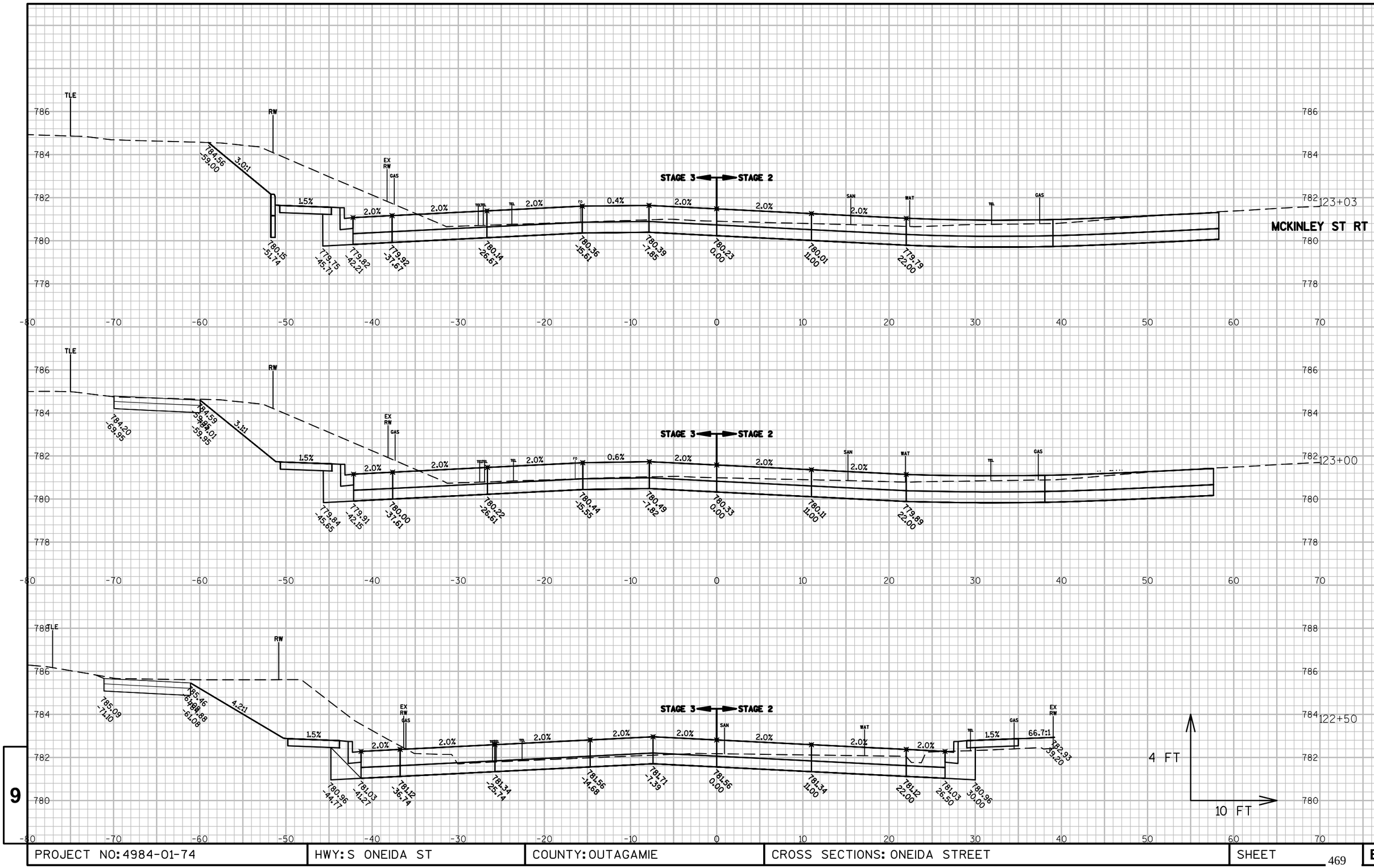
FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

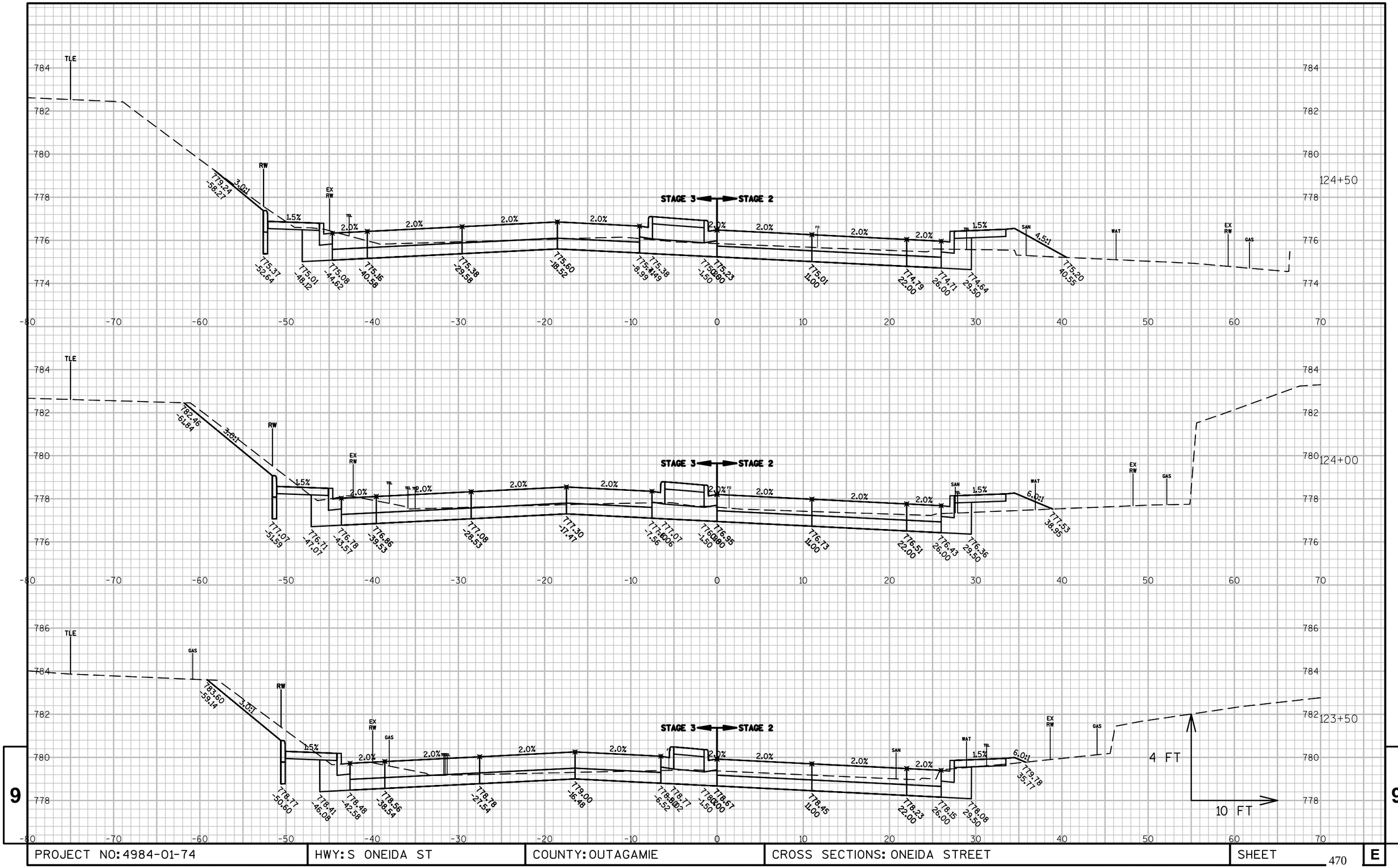
WISDOT/CADDS SHEET 49



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 468	E



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 469	E

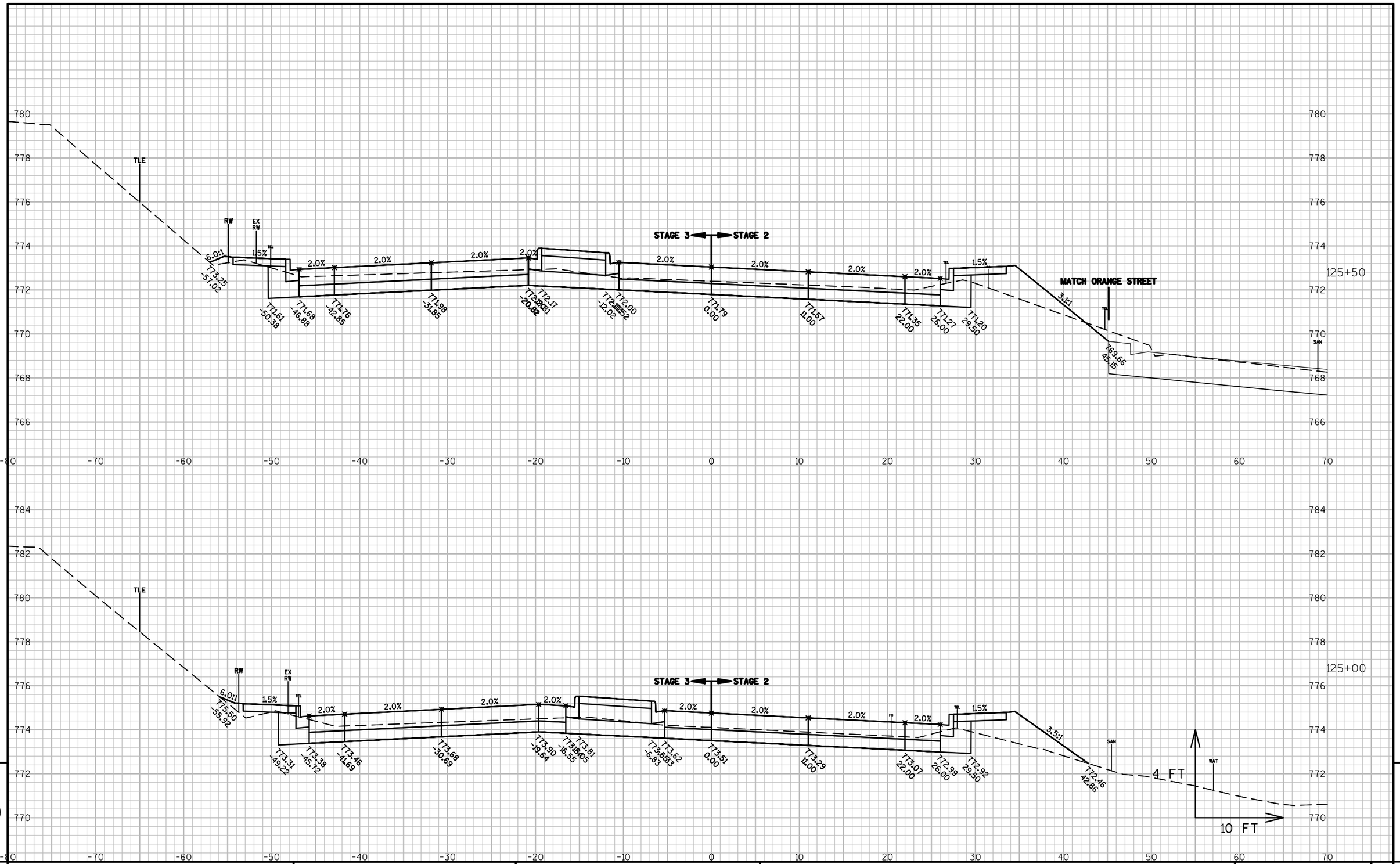


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 470	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

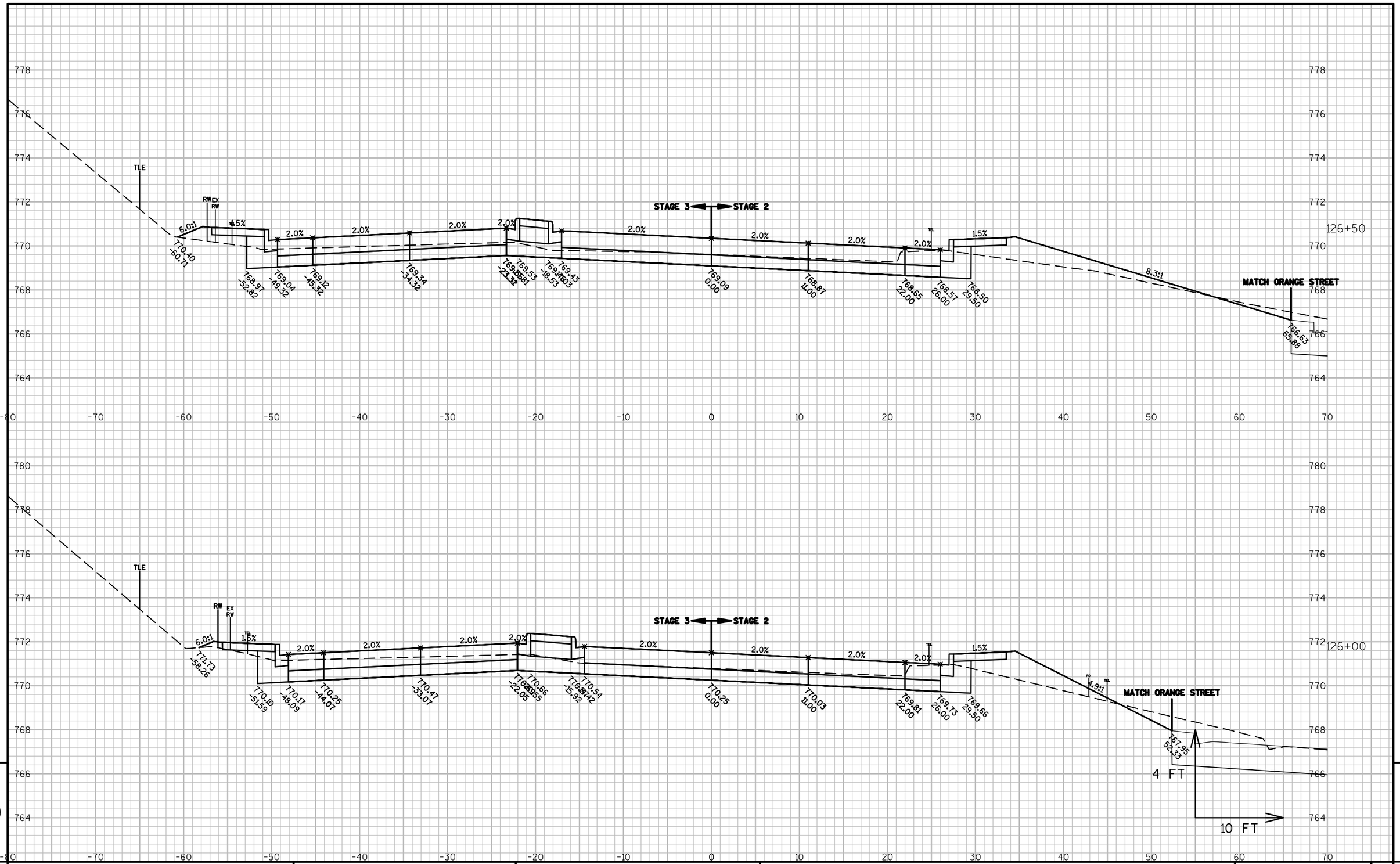


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 471	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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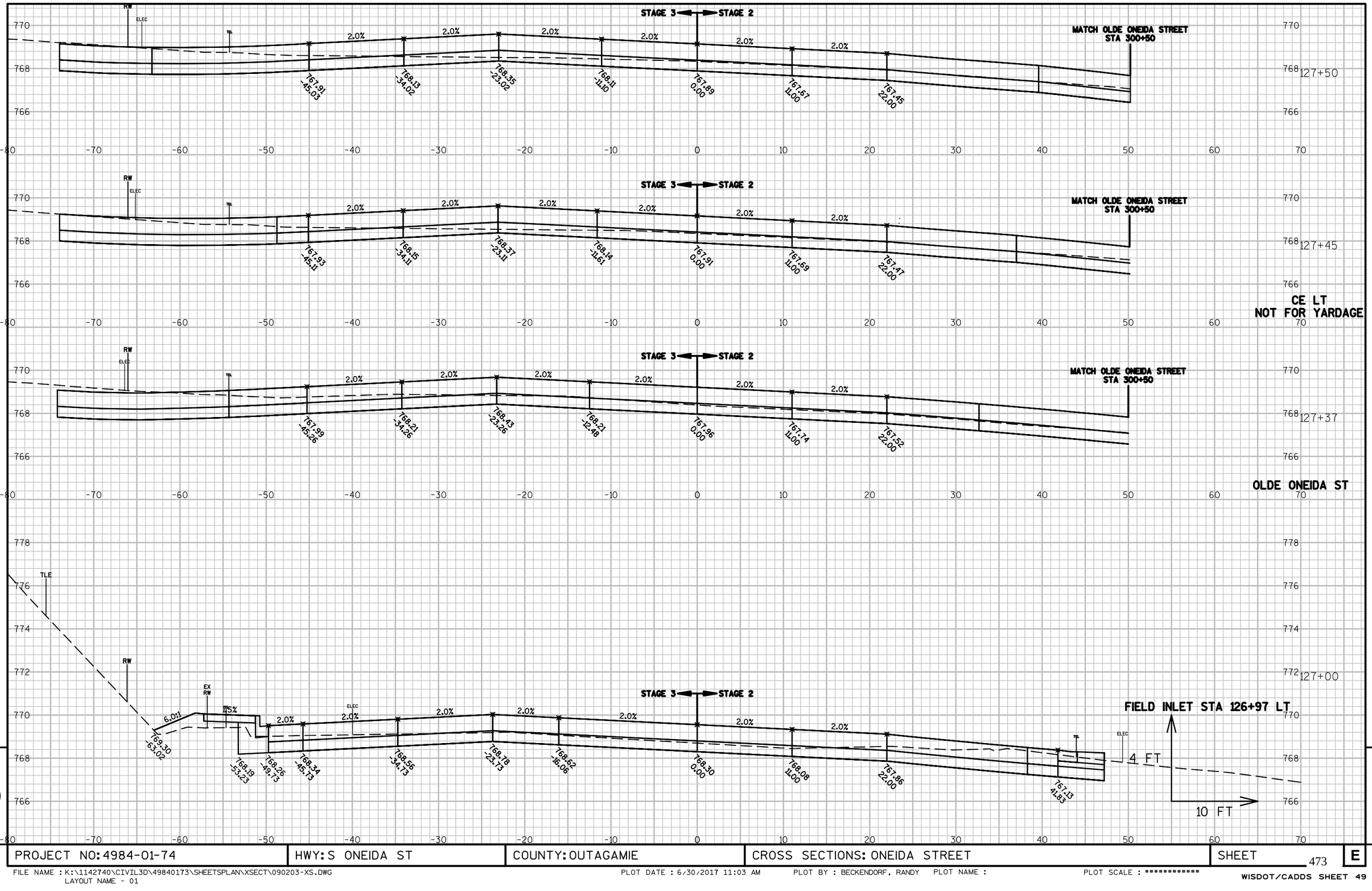
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 472	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

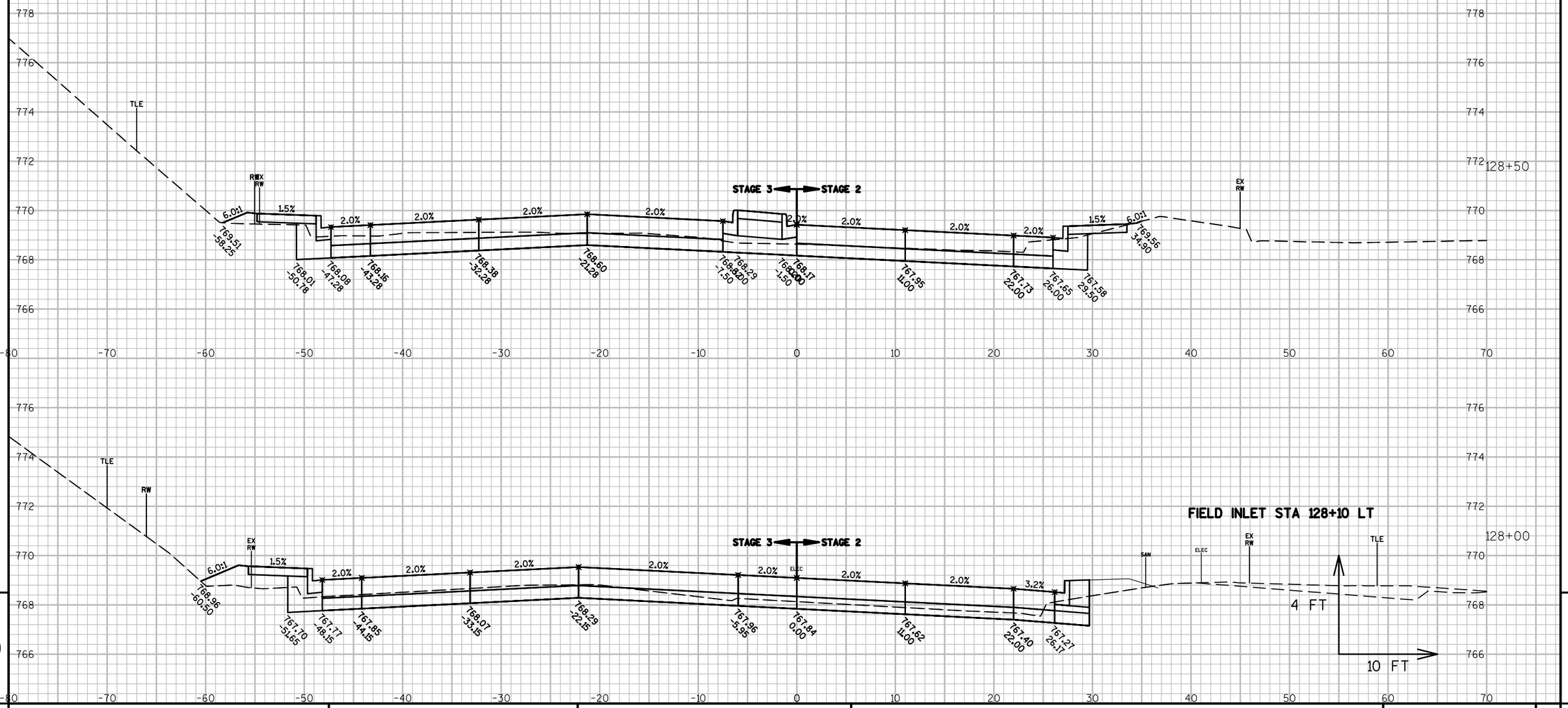


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 473	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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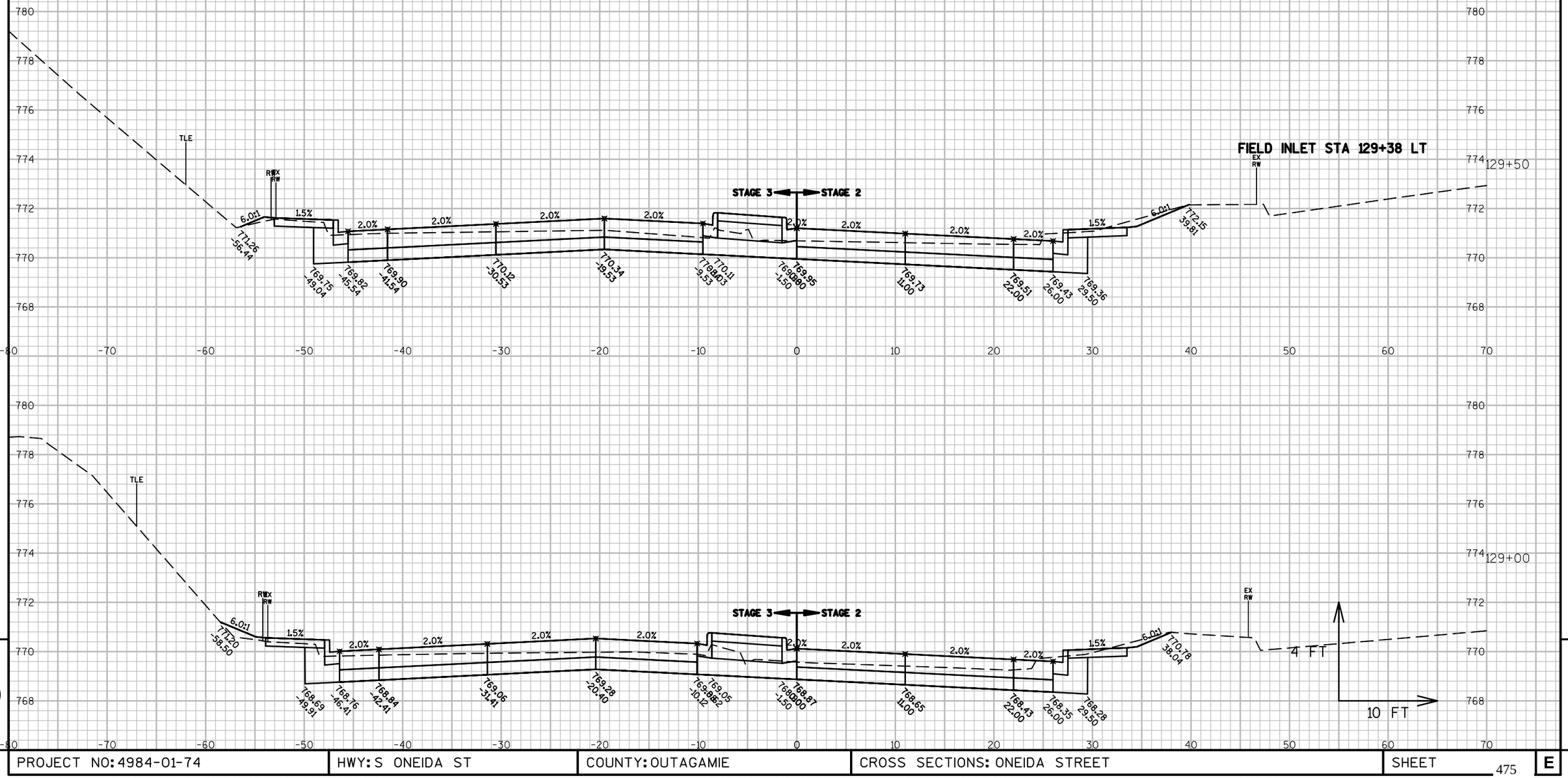
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 474	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:03 AM PLOT BY : BECKENDORF, RANDY PLOT NAME :

PLOT SCALE : **********



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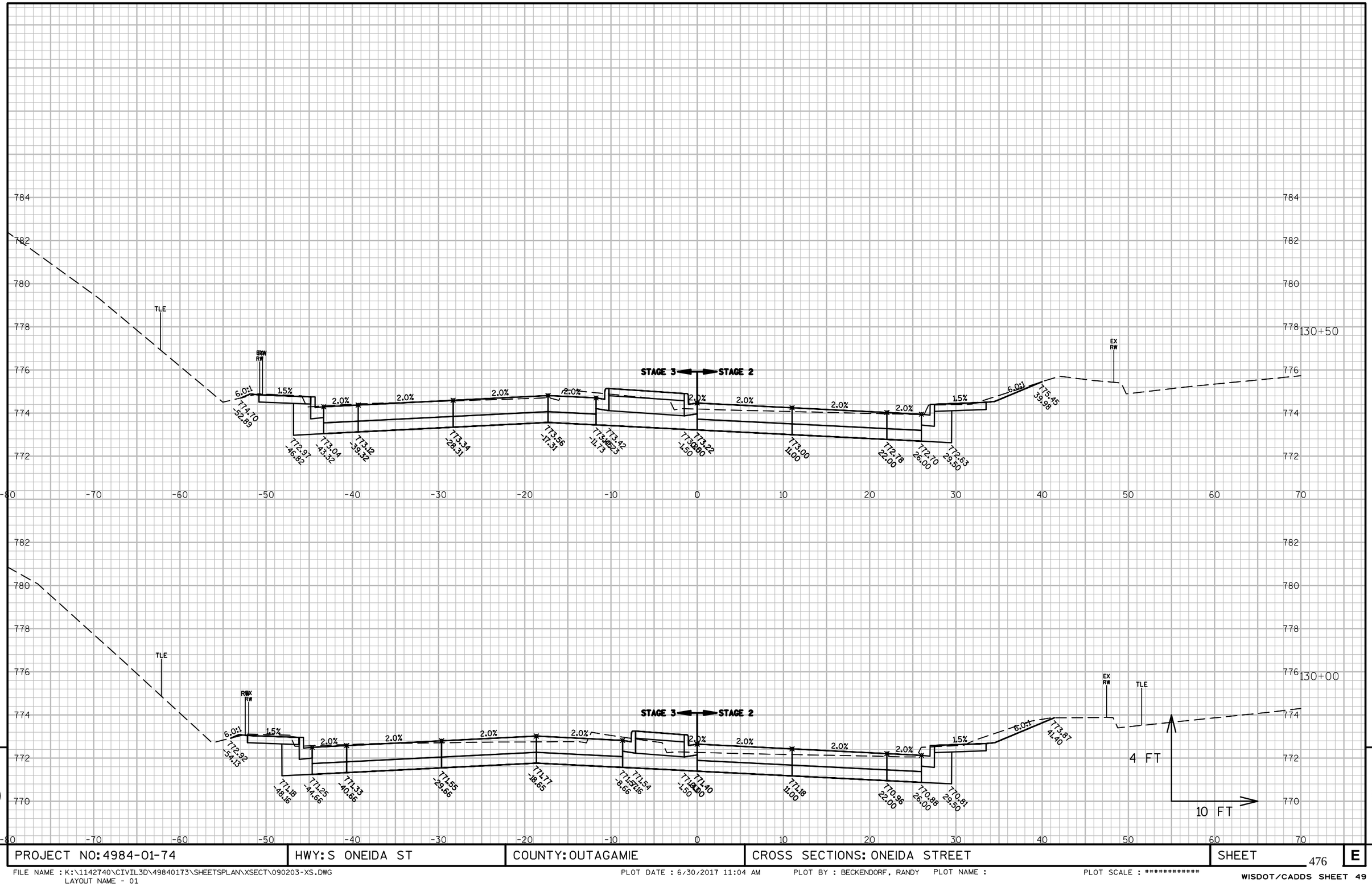
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 475	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

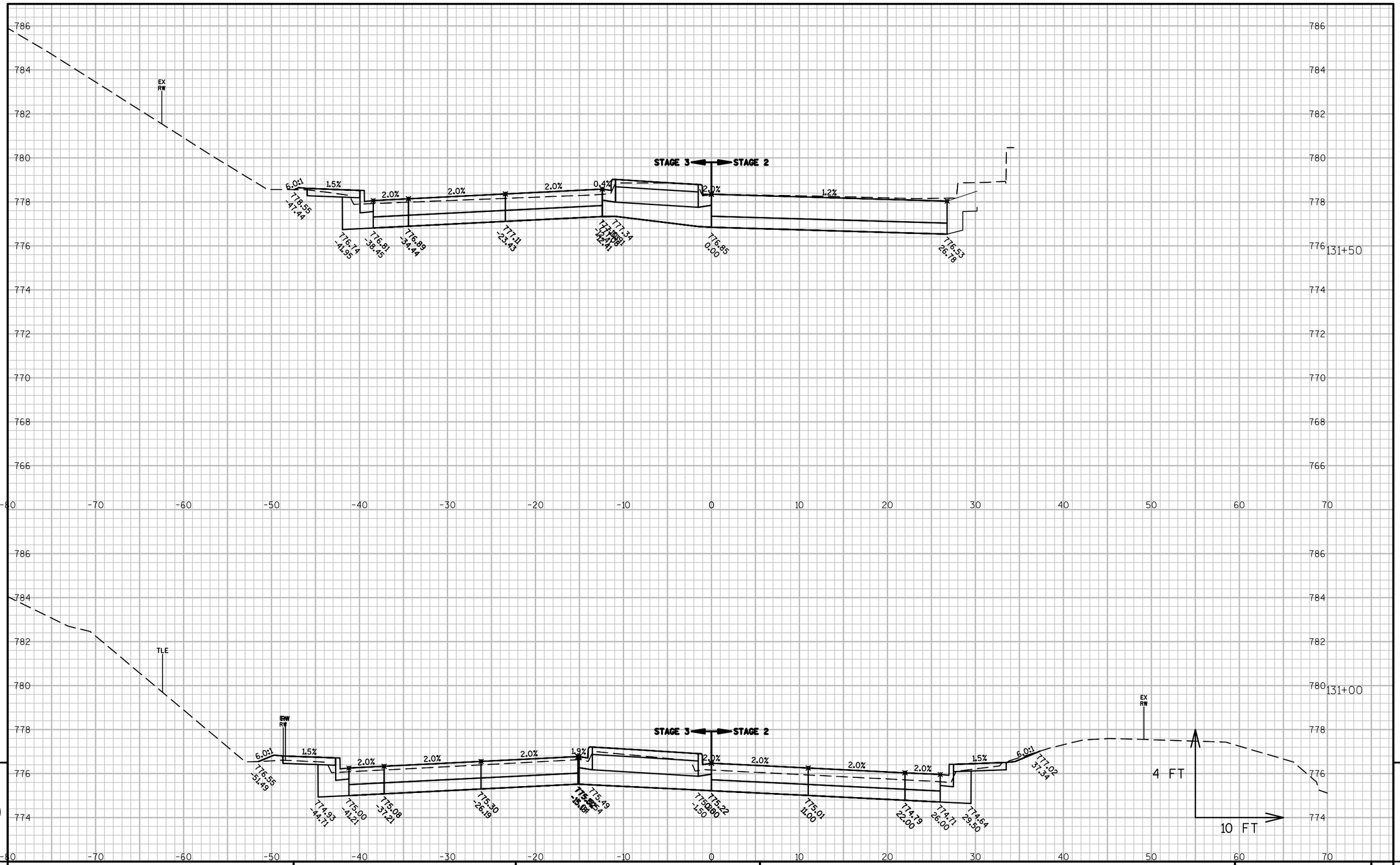


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 476	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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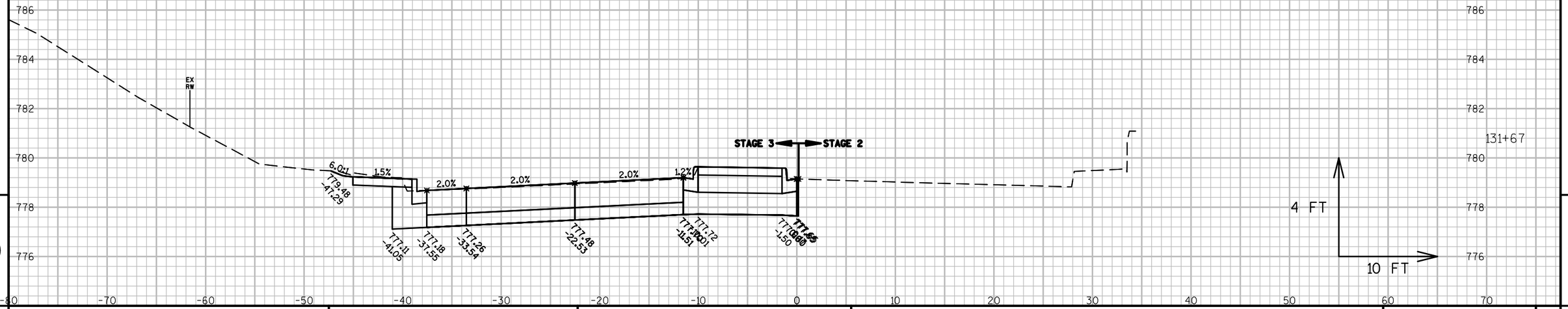
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 477	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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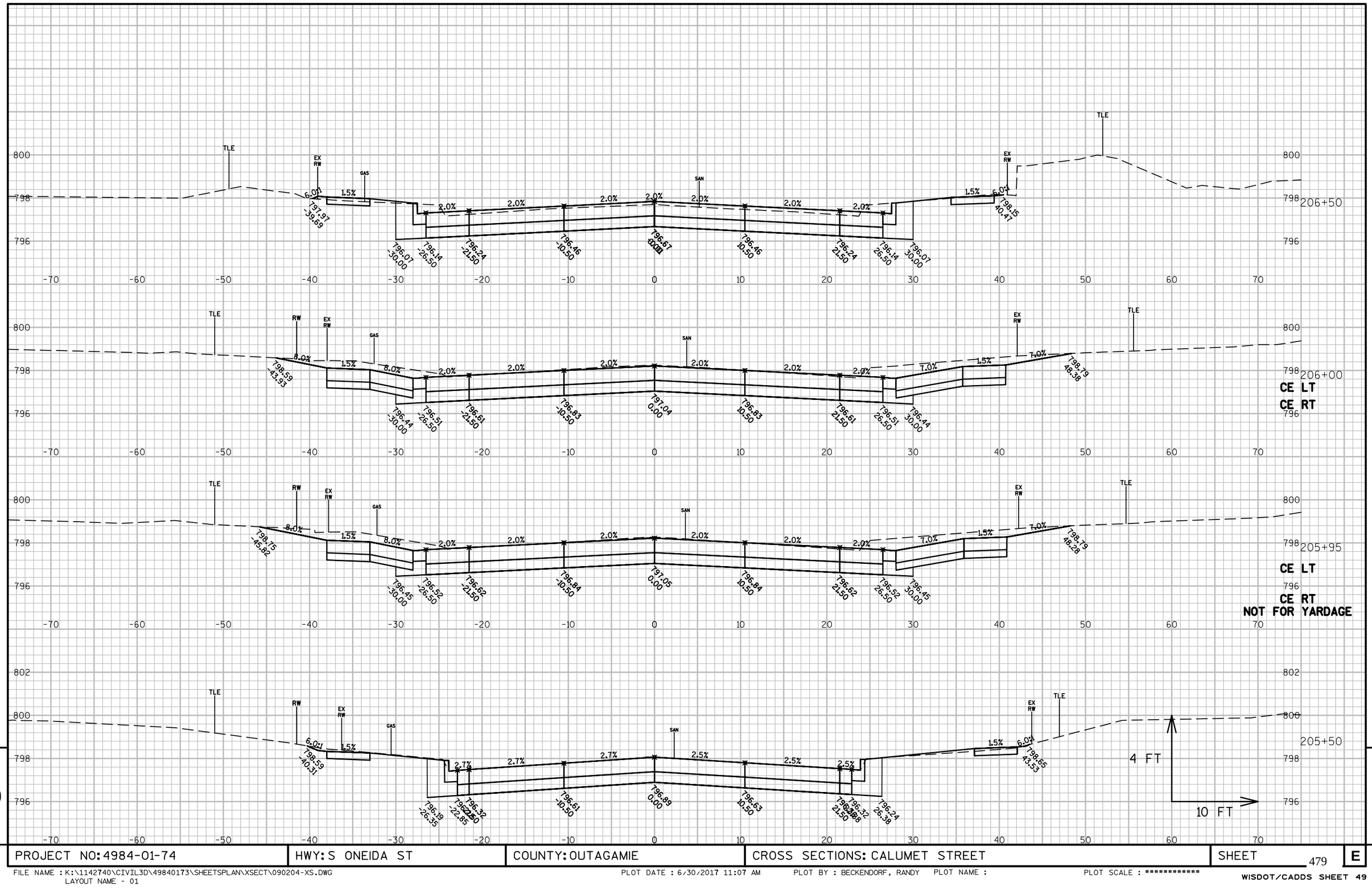
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ONEIDA STREET	SHEET 478	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

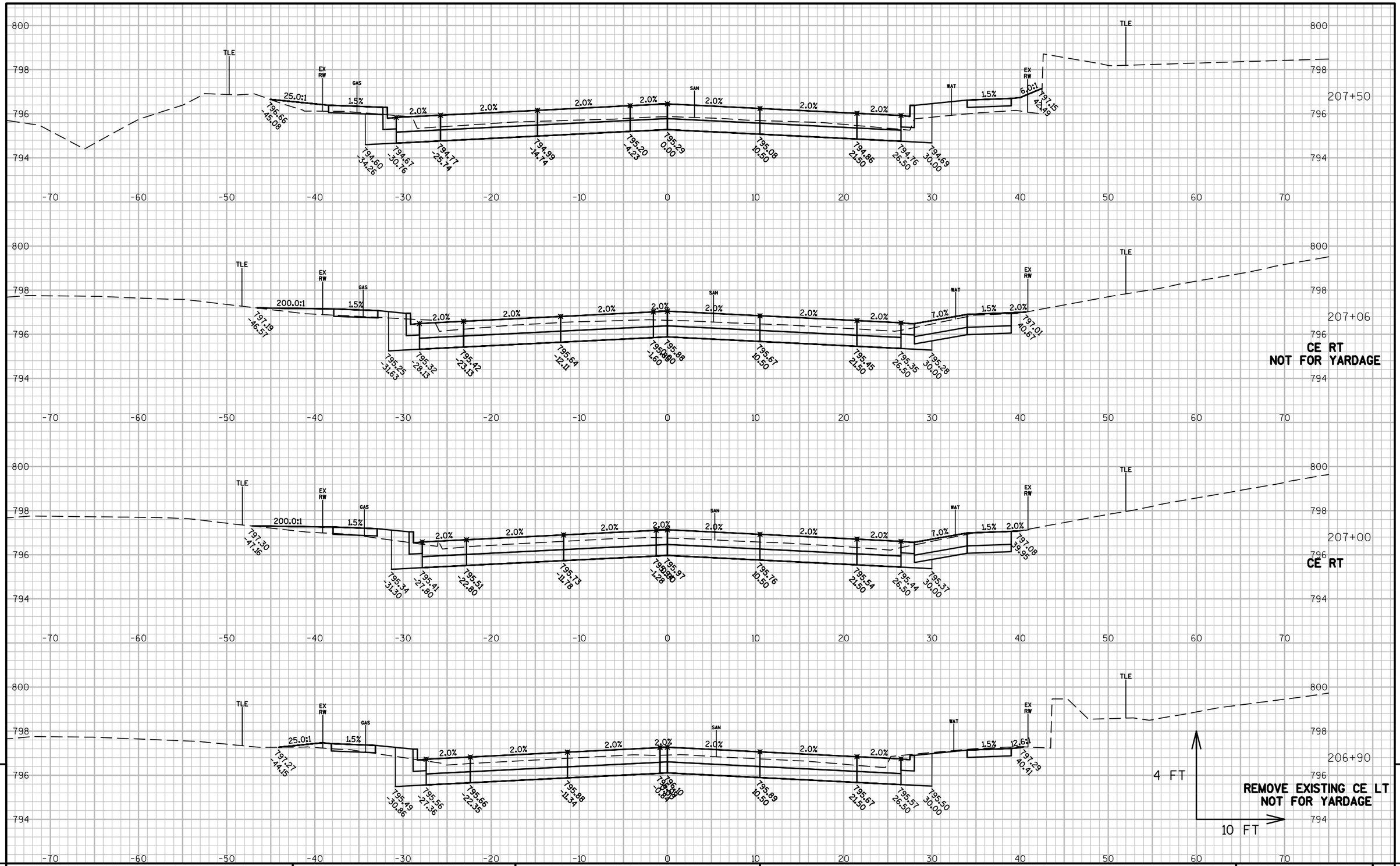


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 479	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:07 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

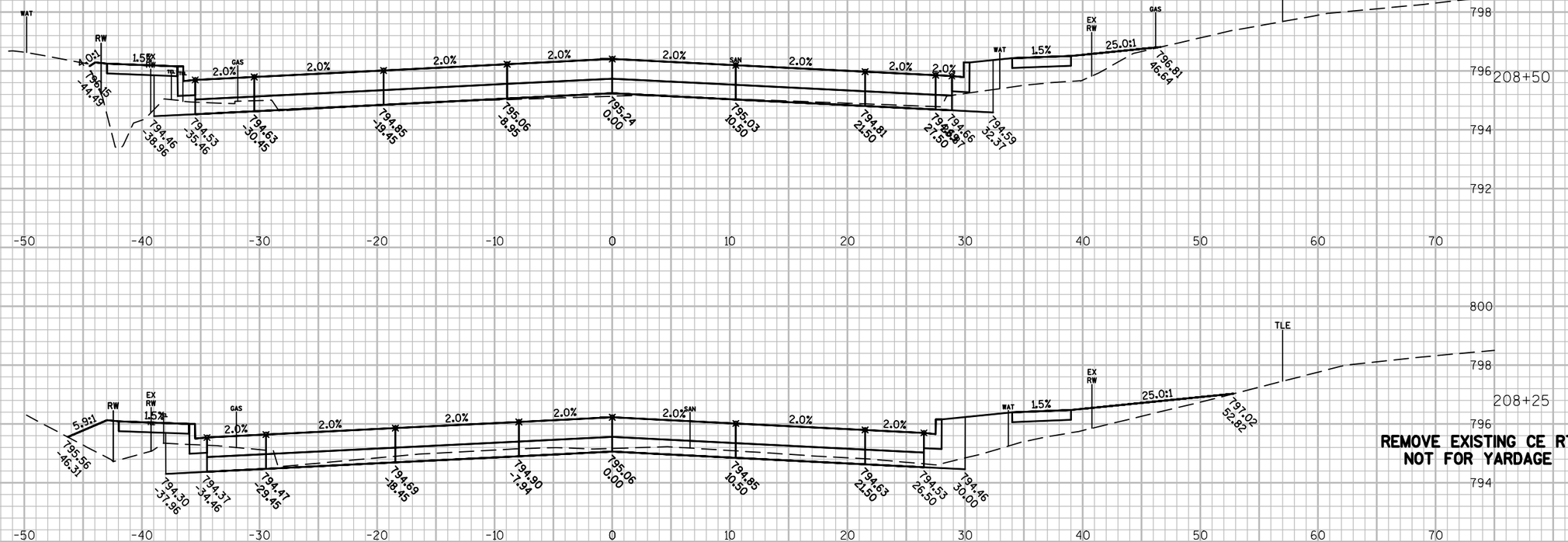


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 480	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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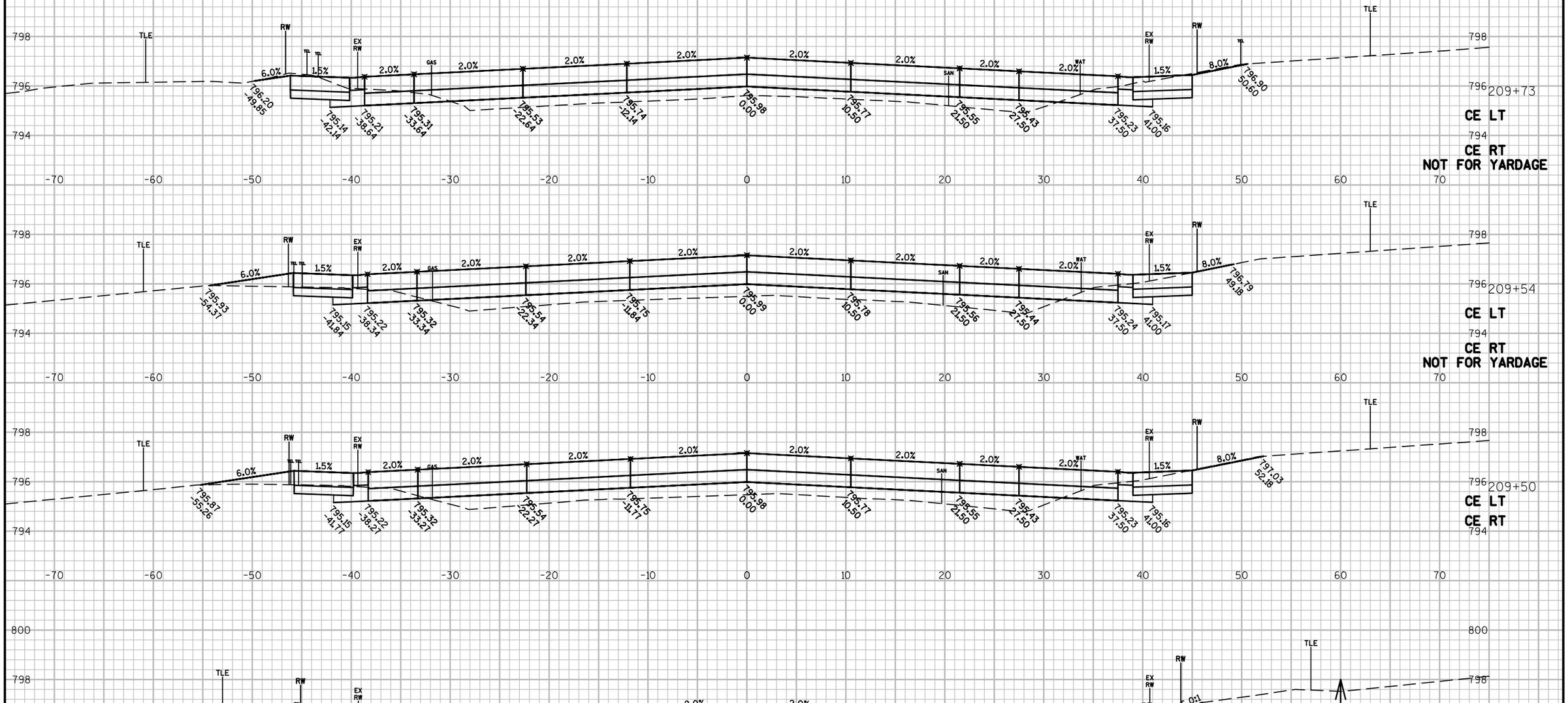
9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 481	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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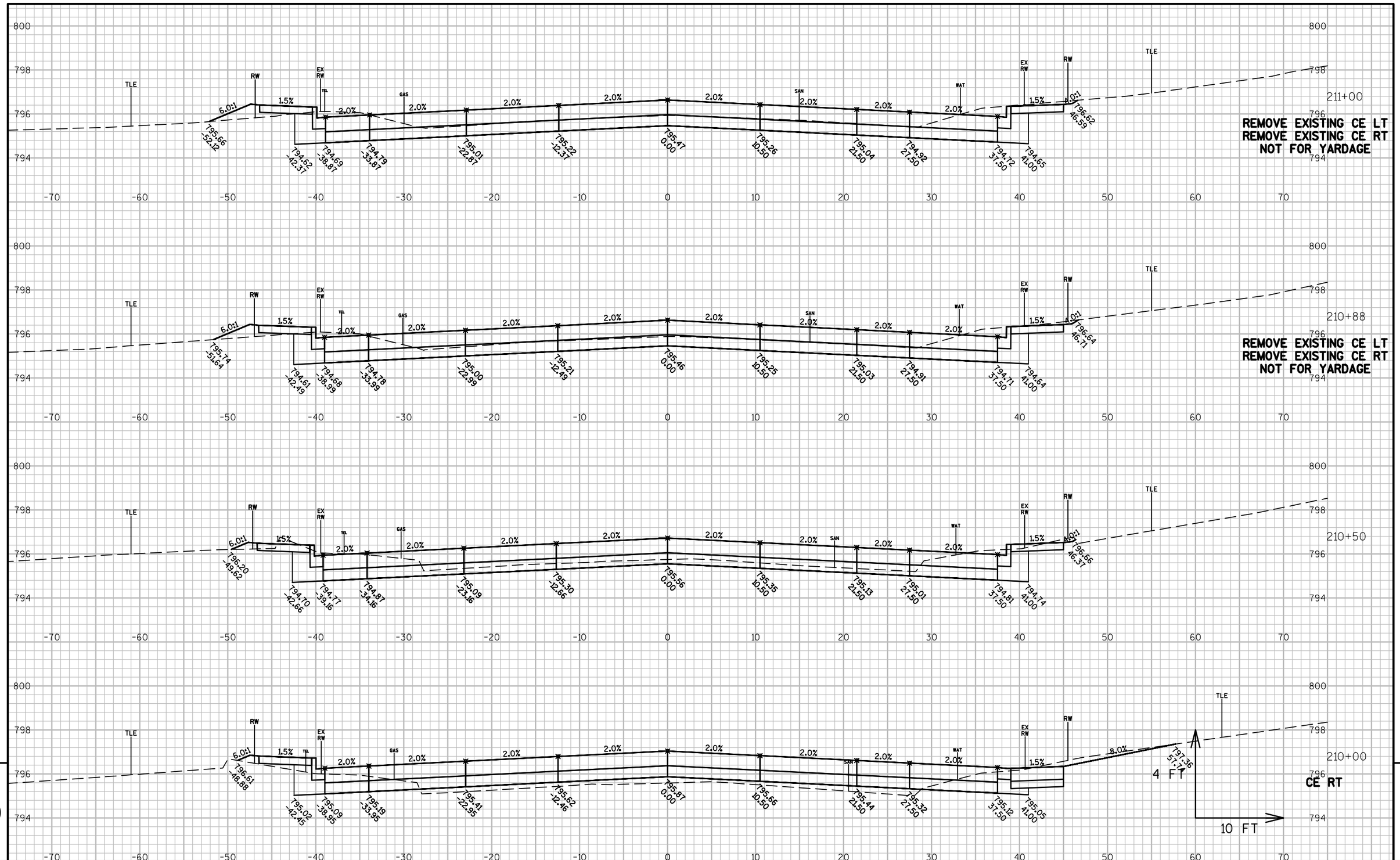
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 482	E



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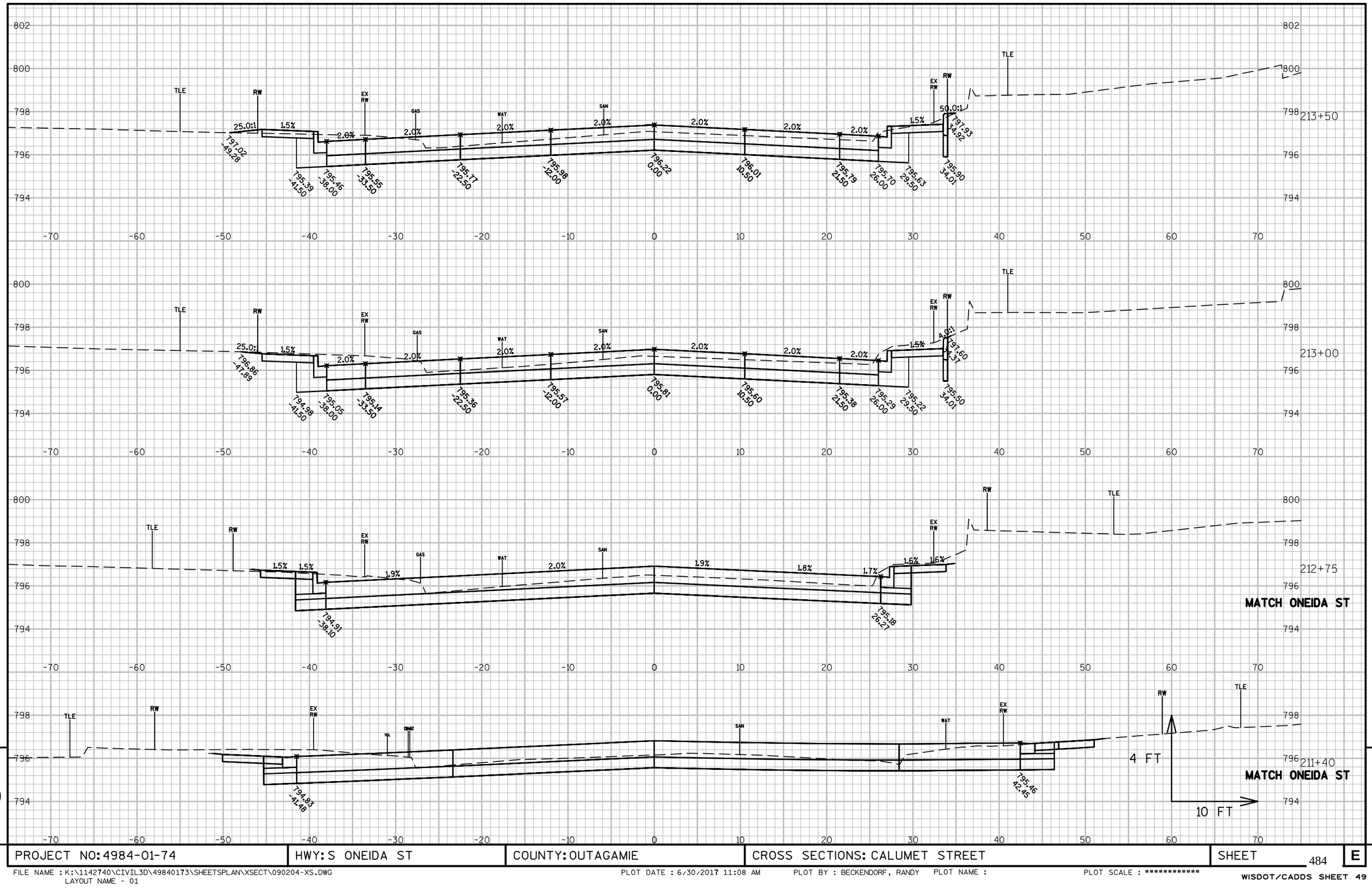
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 483	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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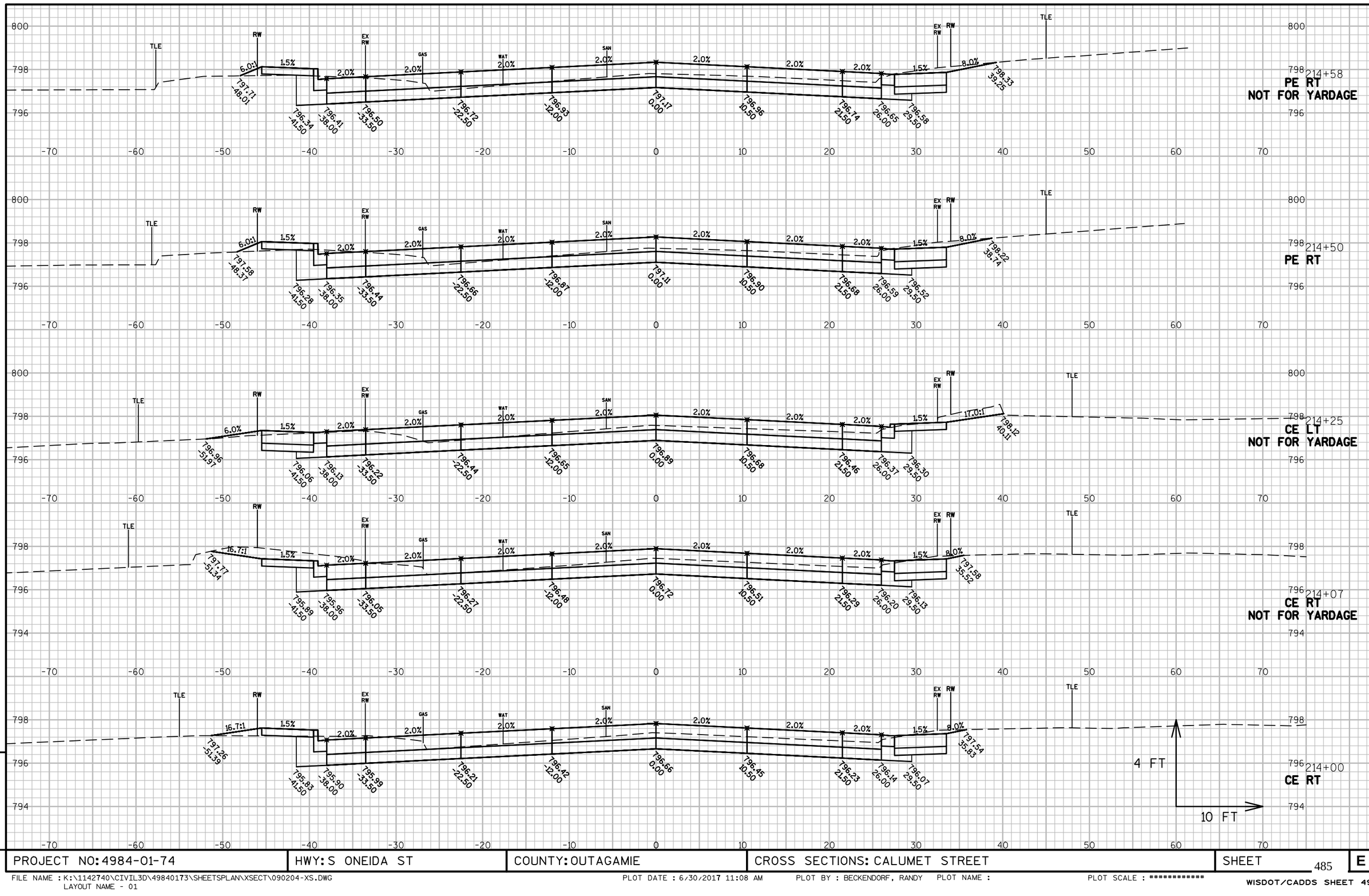
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 484	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

9



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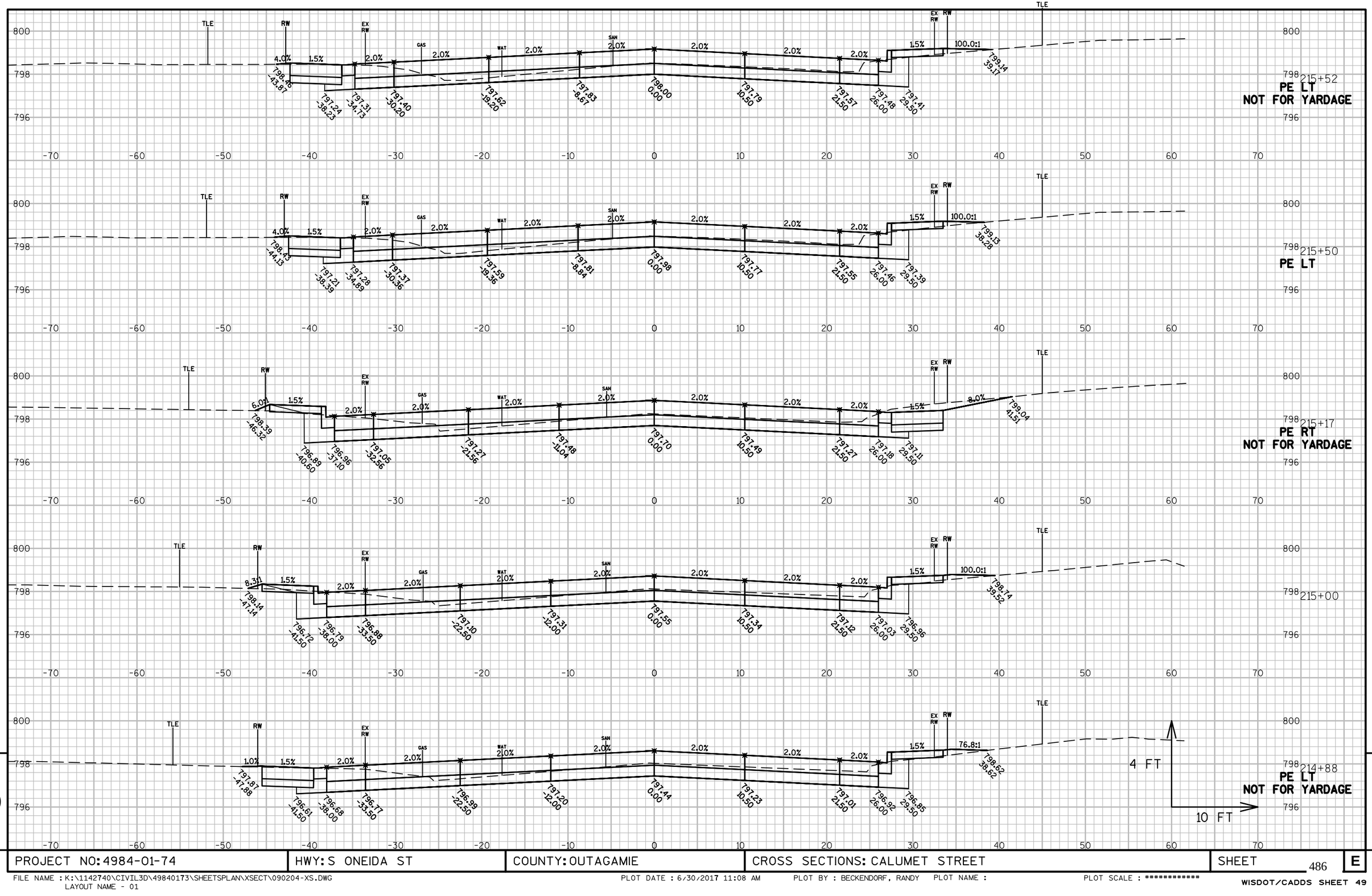
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 485	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01
PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : ***********
WISDOT/CADDS SHEET 49



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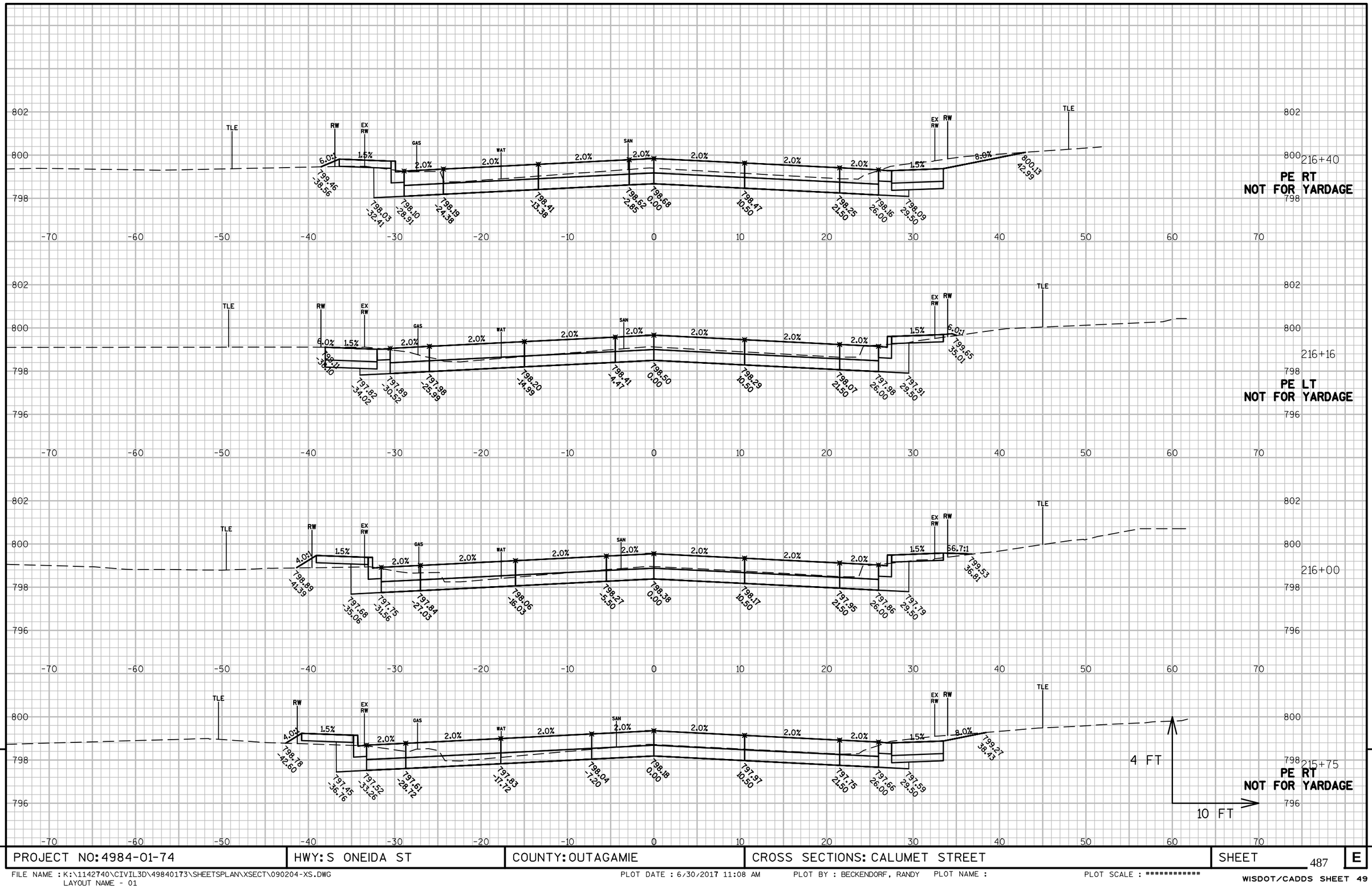
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 486	E



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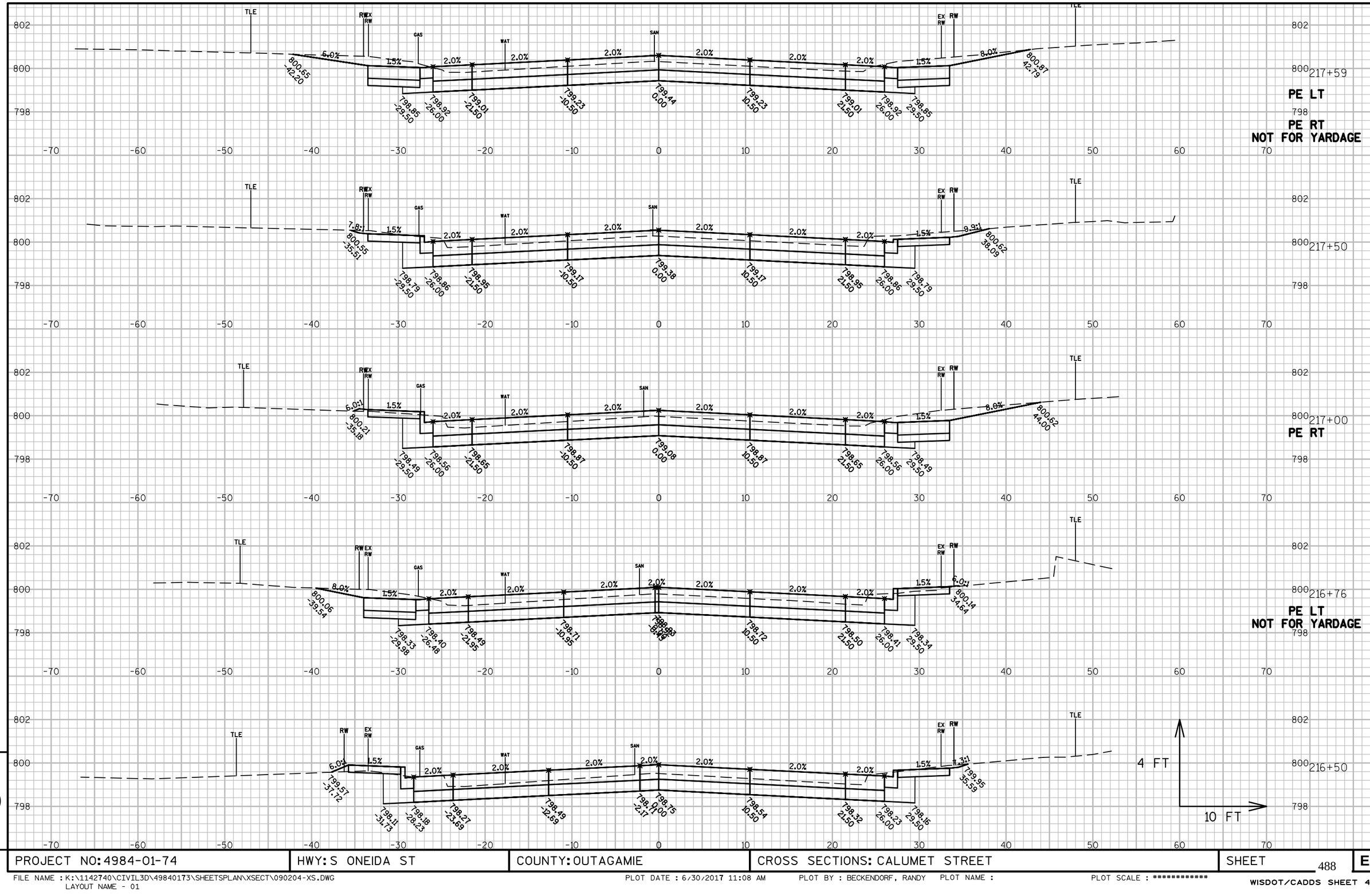
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 487	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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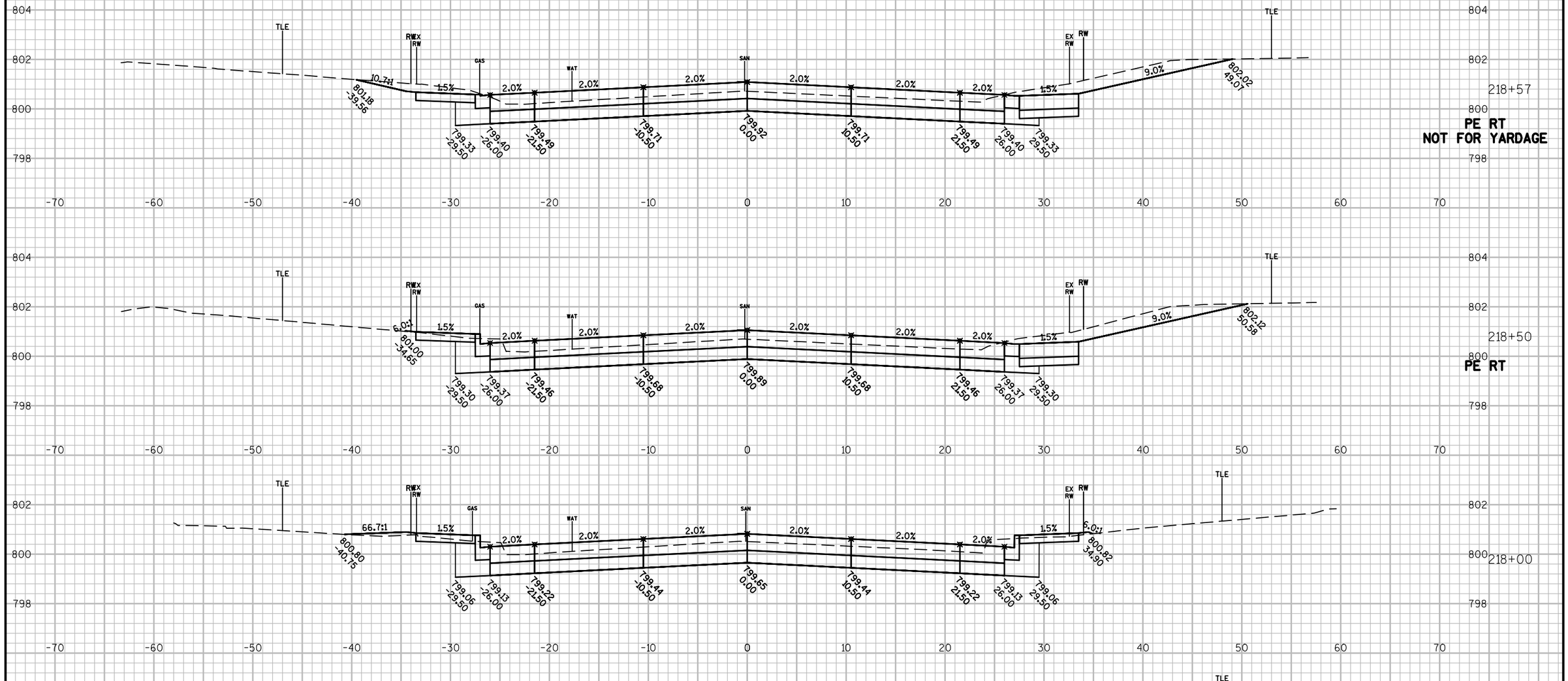
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 488	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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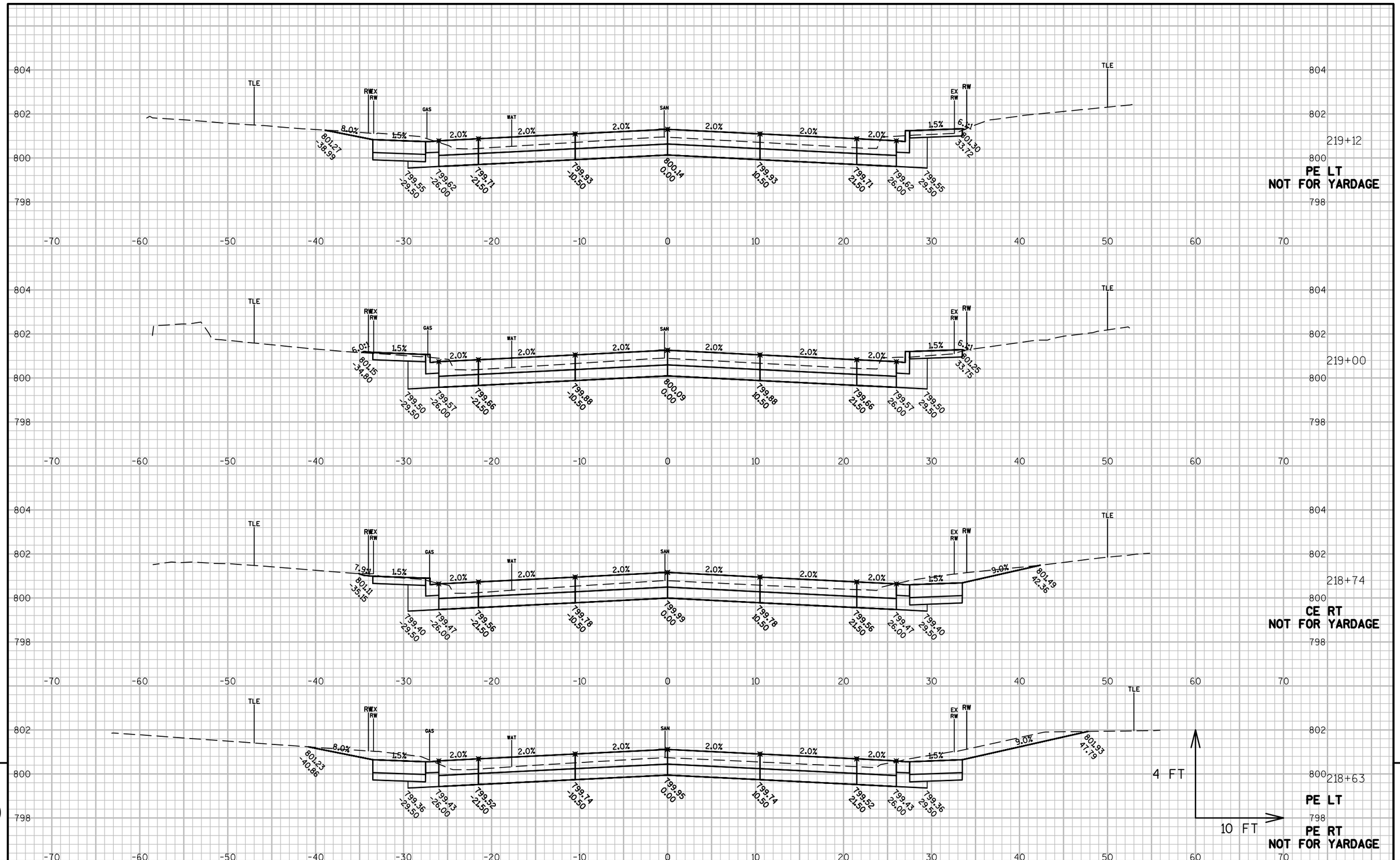
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 489	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01
PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 49

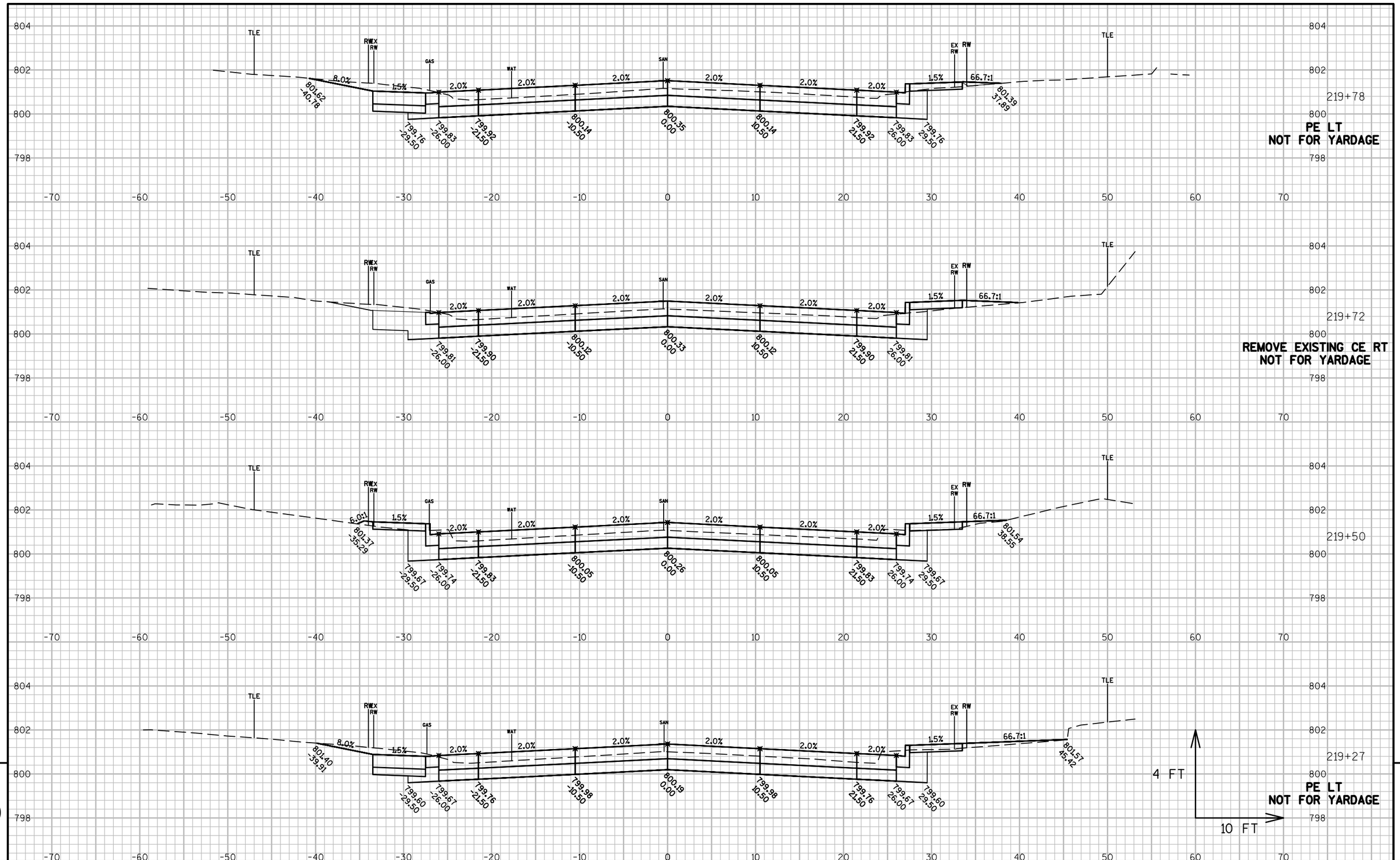


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 490 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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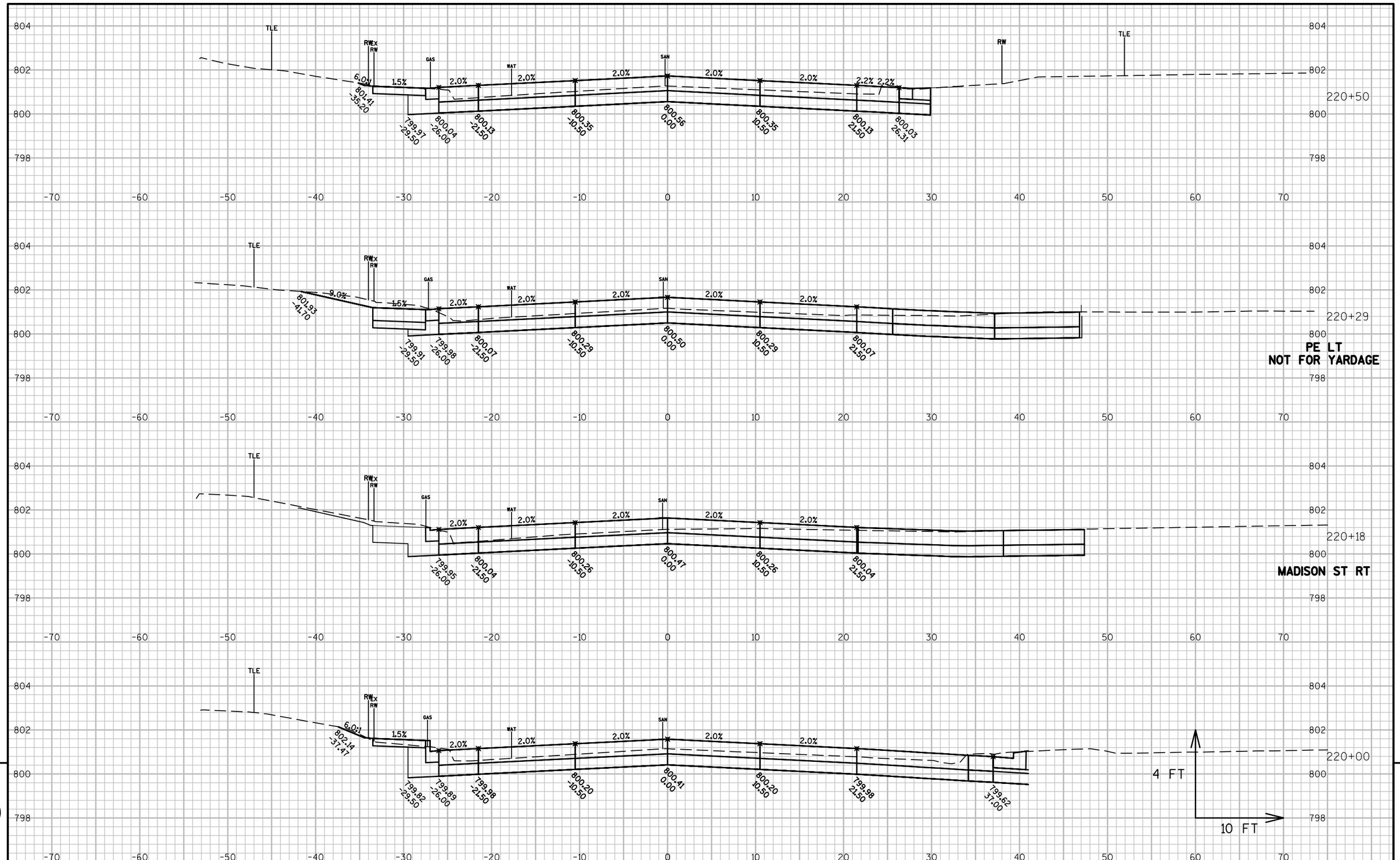
9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 491	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:08 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

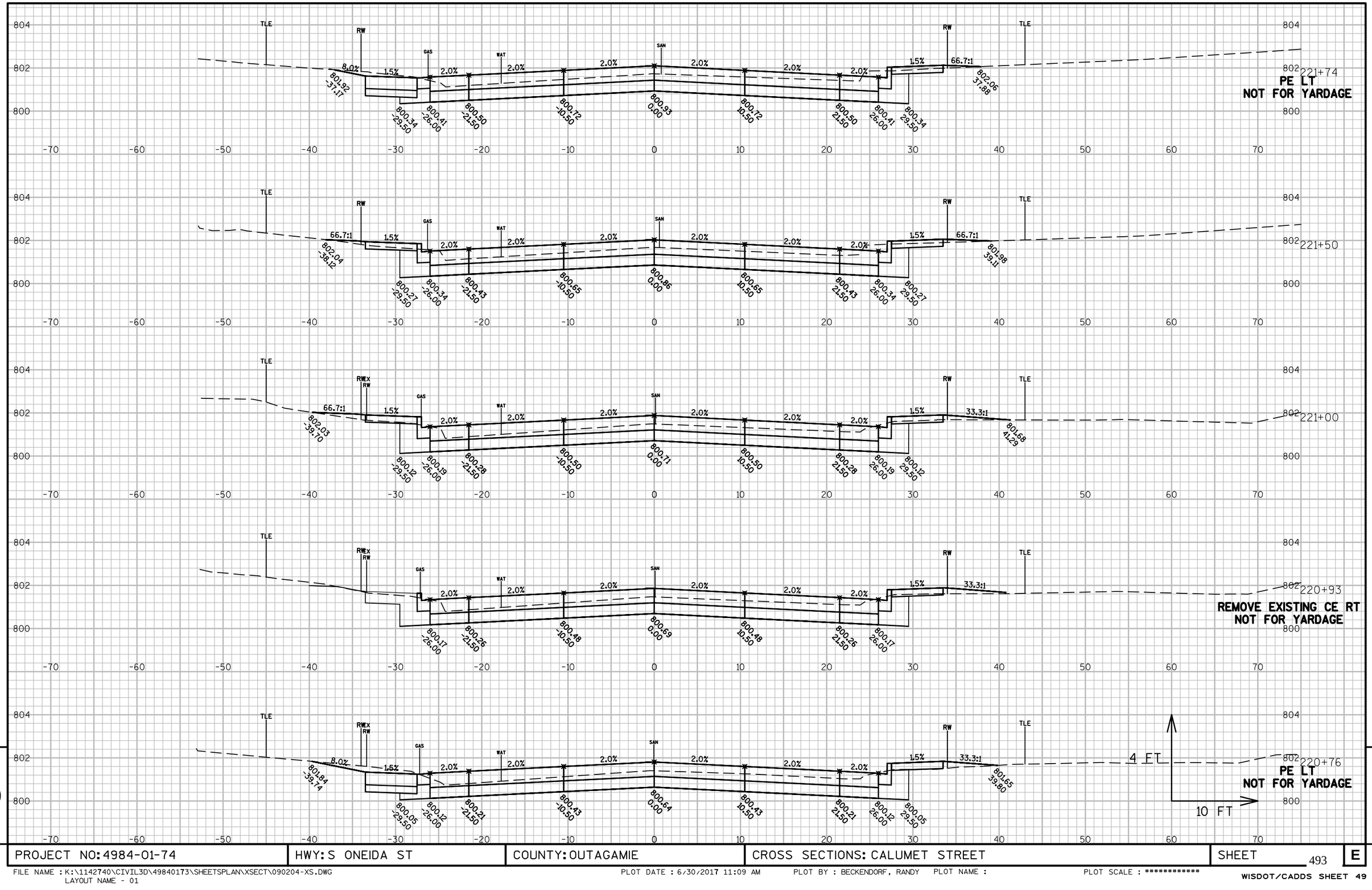


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 492	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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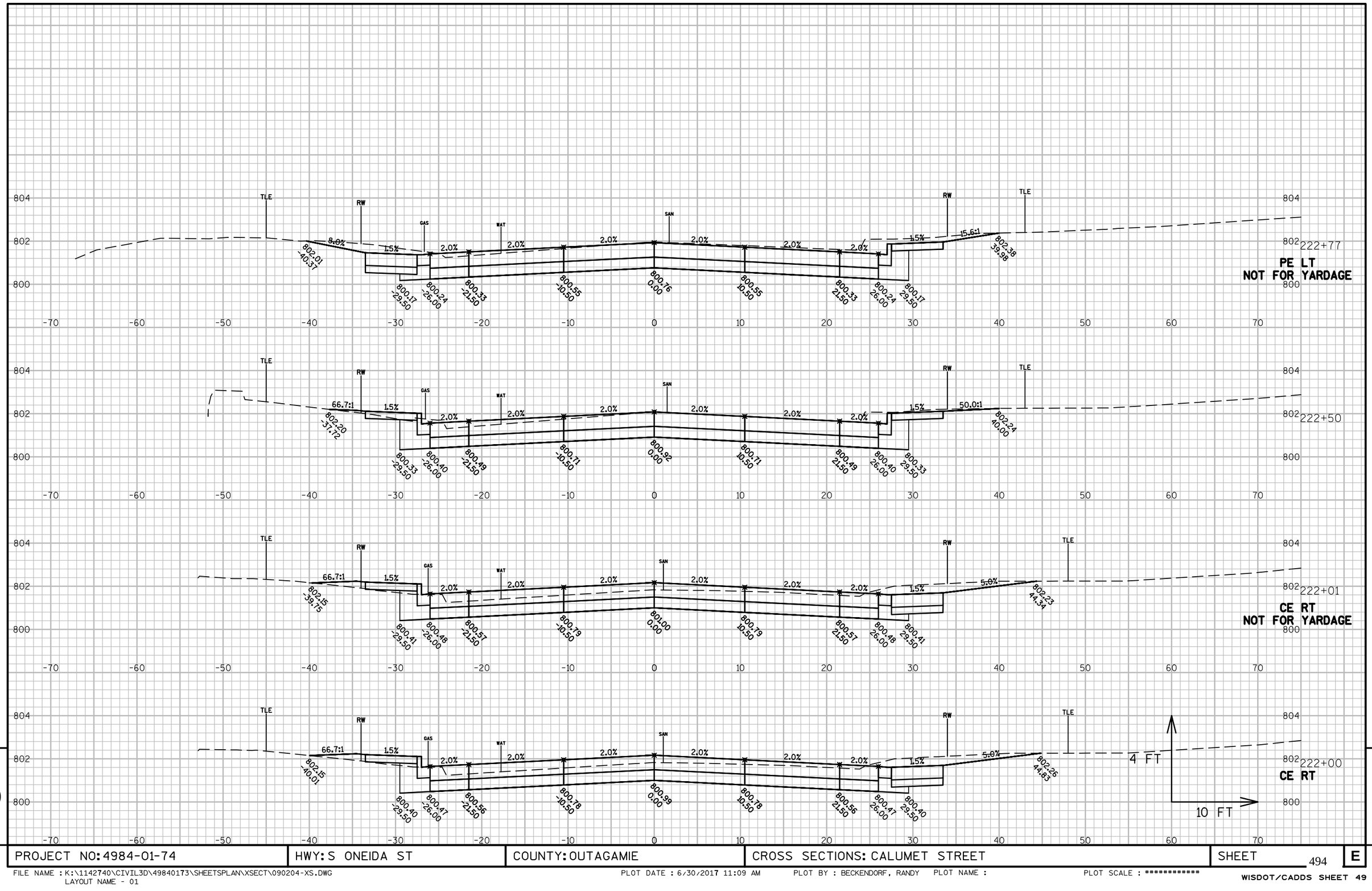
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 493	E



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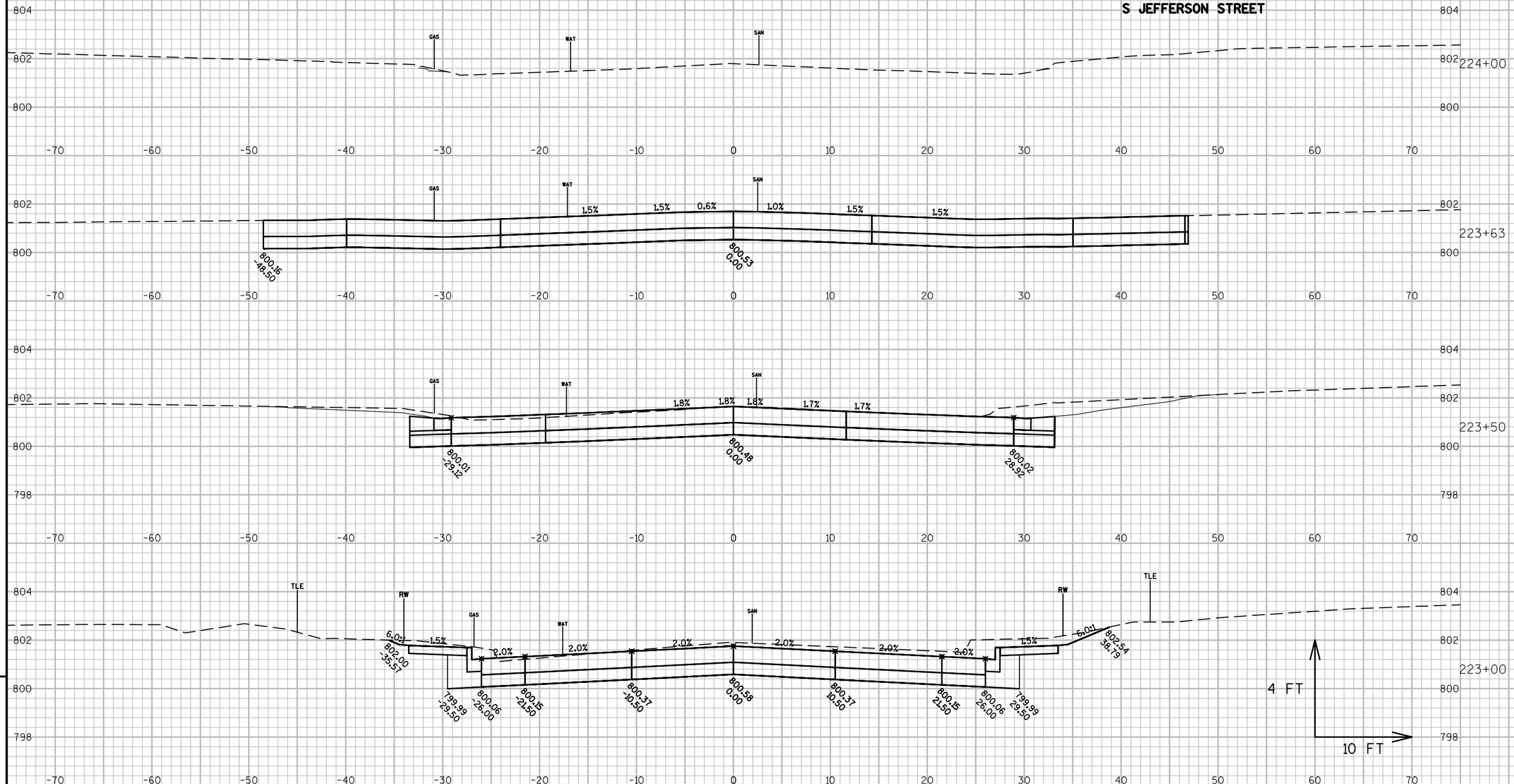
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 494	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

S JEFFERSON STREET

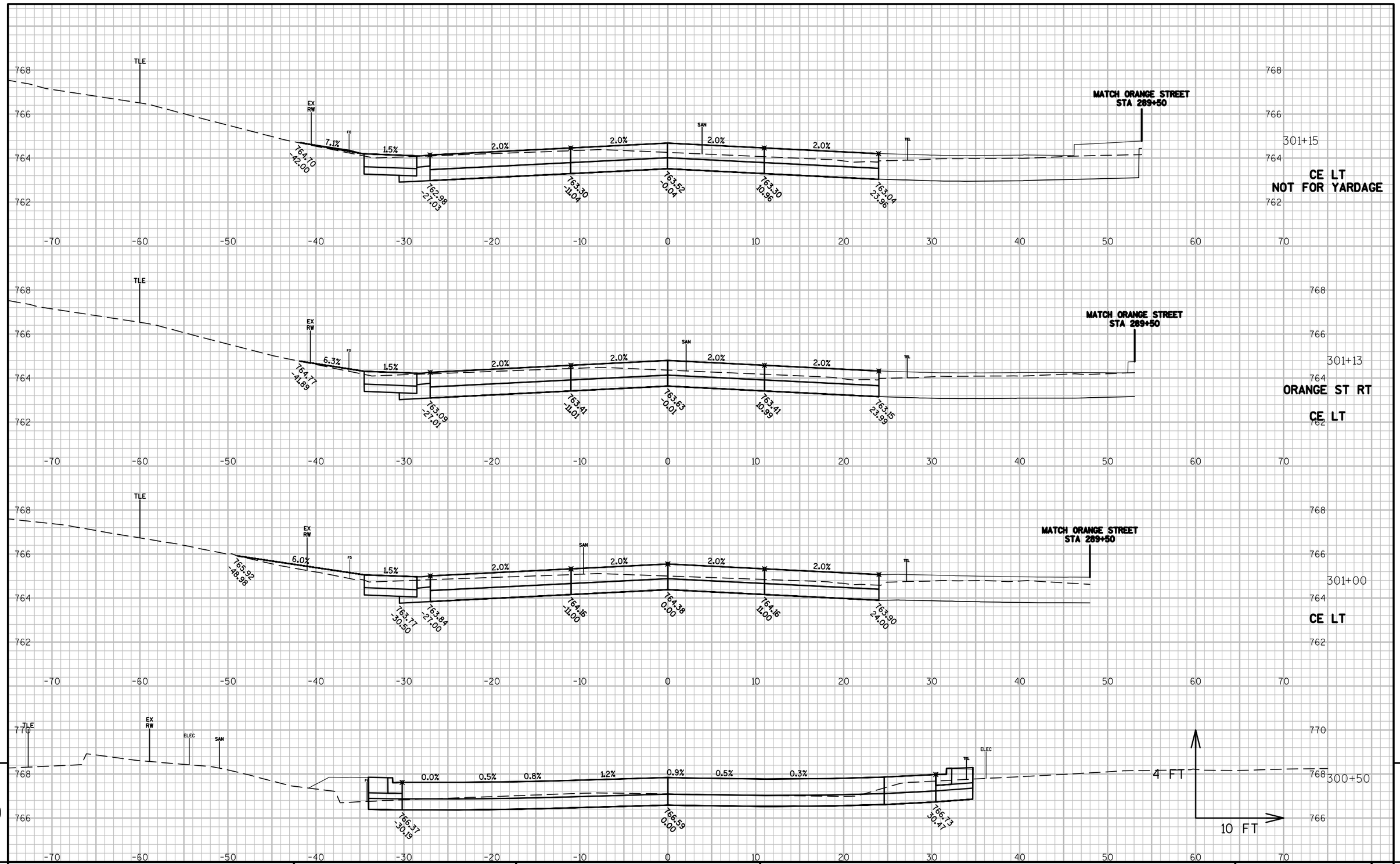


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: CALUMET STREET	SHEET 495 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:09 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



9

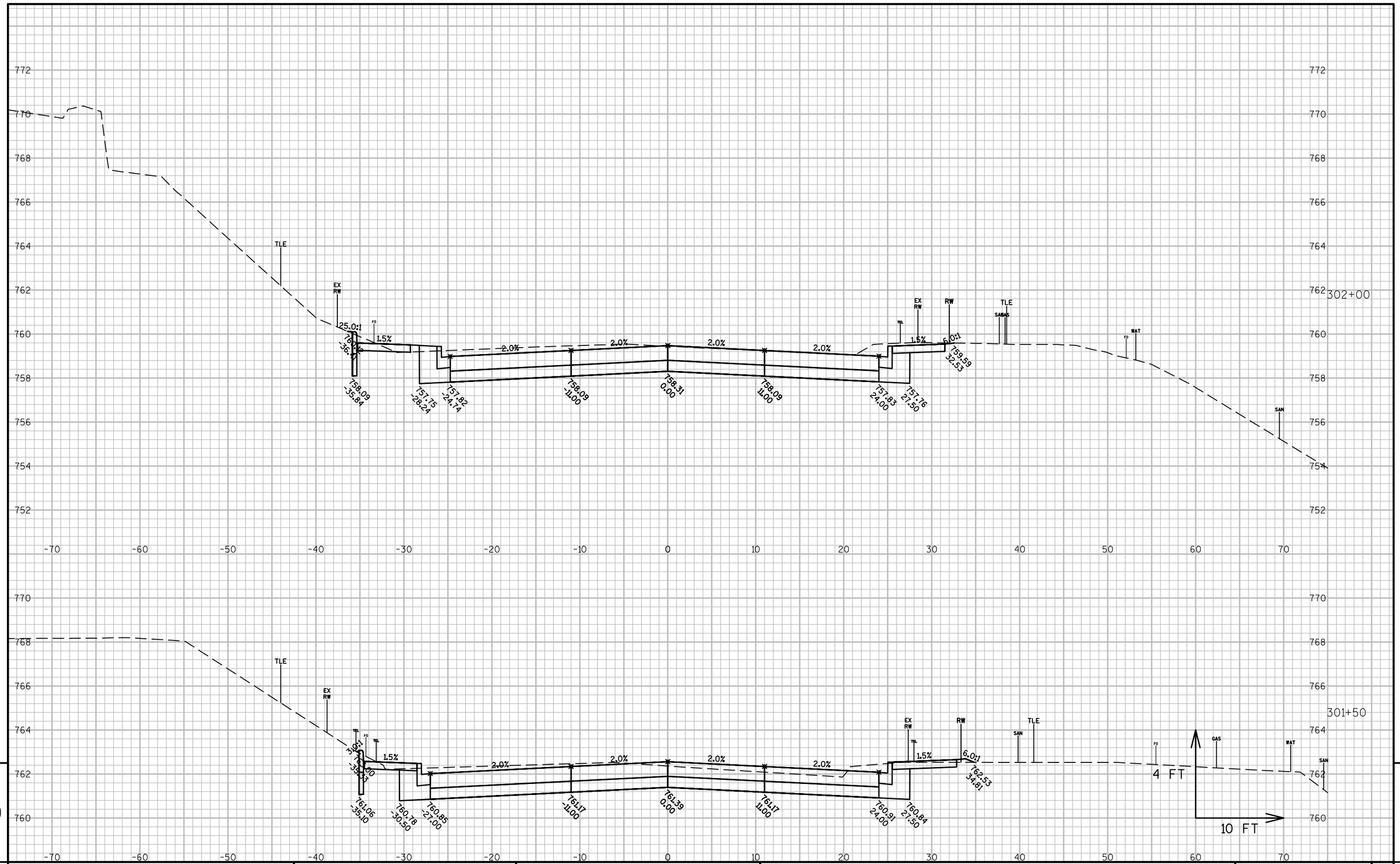
9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 496	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

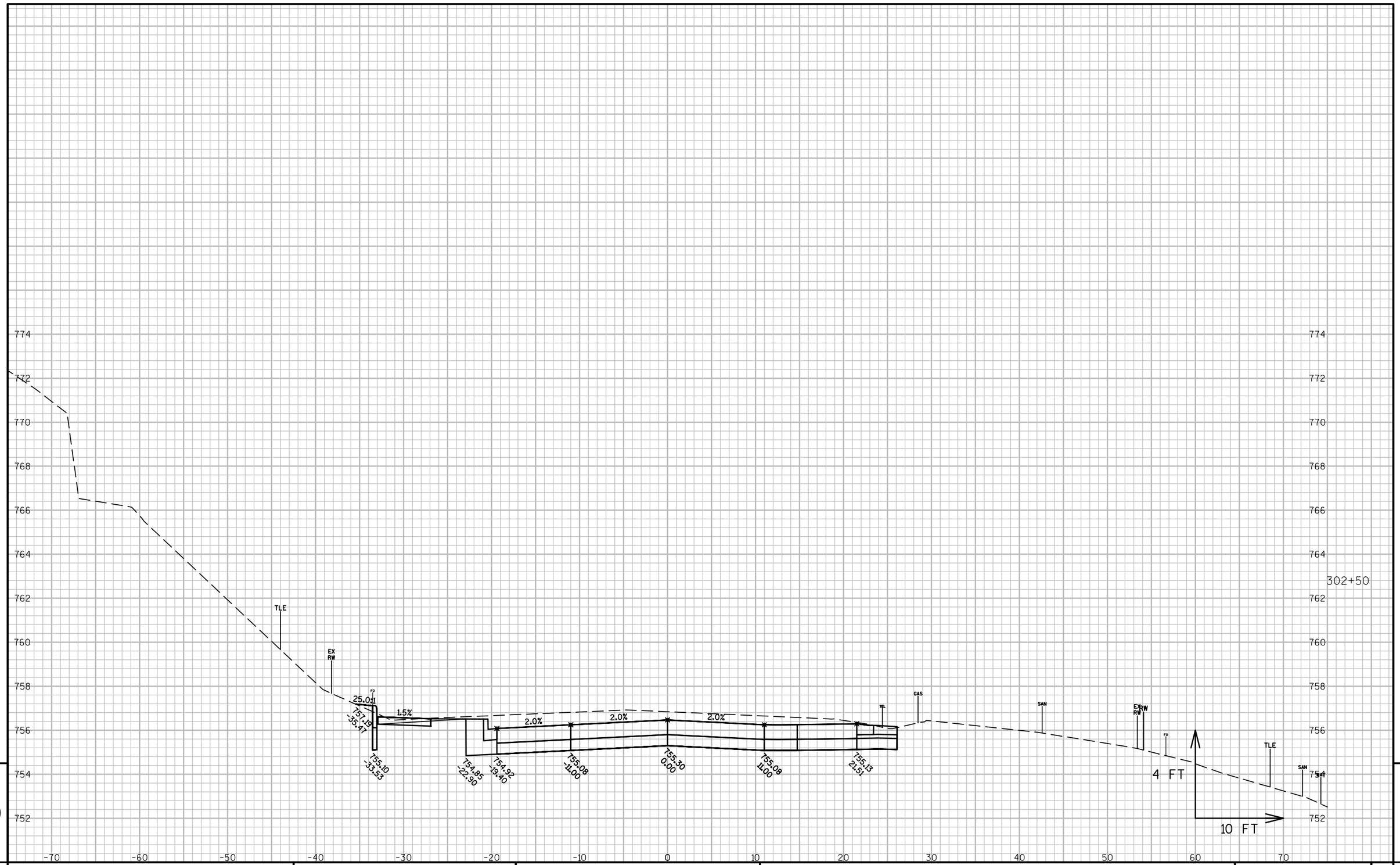


PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 497	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 498	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:04 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

774
772
770
768
766
764
762
760
758
756
754
752
750

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

TLE
EX RW
FD
25.0:1
1.5%
755.68
-34.18
2.0%
2.0%
2.0%
2.0%
753.64
-20.68
753.71
-17.18
753.83
-11.00
754.05
0.00
753.83
11.00
TLE
SAN
FD
4 FT
10 FT

302+74
E LINCOLN ST RT

9

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 499	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

772
770
768
766
764
762
760
758
756
754
752
750

TLE
EX RW
FD
25.0:1
1.5%
2.0%
2.0%
2.0%
2.0%
754.63 -33.85
752.45 -19.50
752.52 -16.00
752.62 -11.00
752.84 0.00
752.62 11.00
EX RW
TP
EX RW
4 FT
FD
WAT
SAN
150.20 61.32
10 FT
303+00

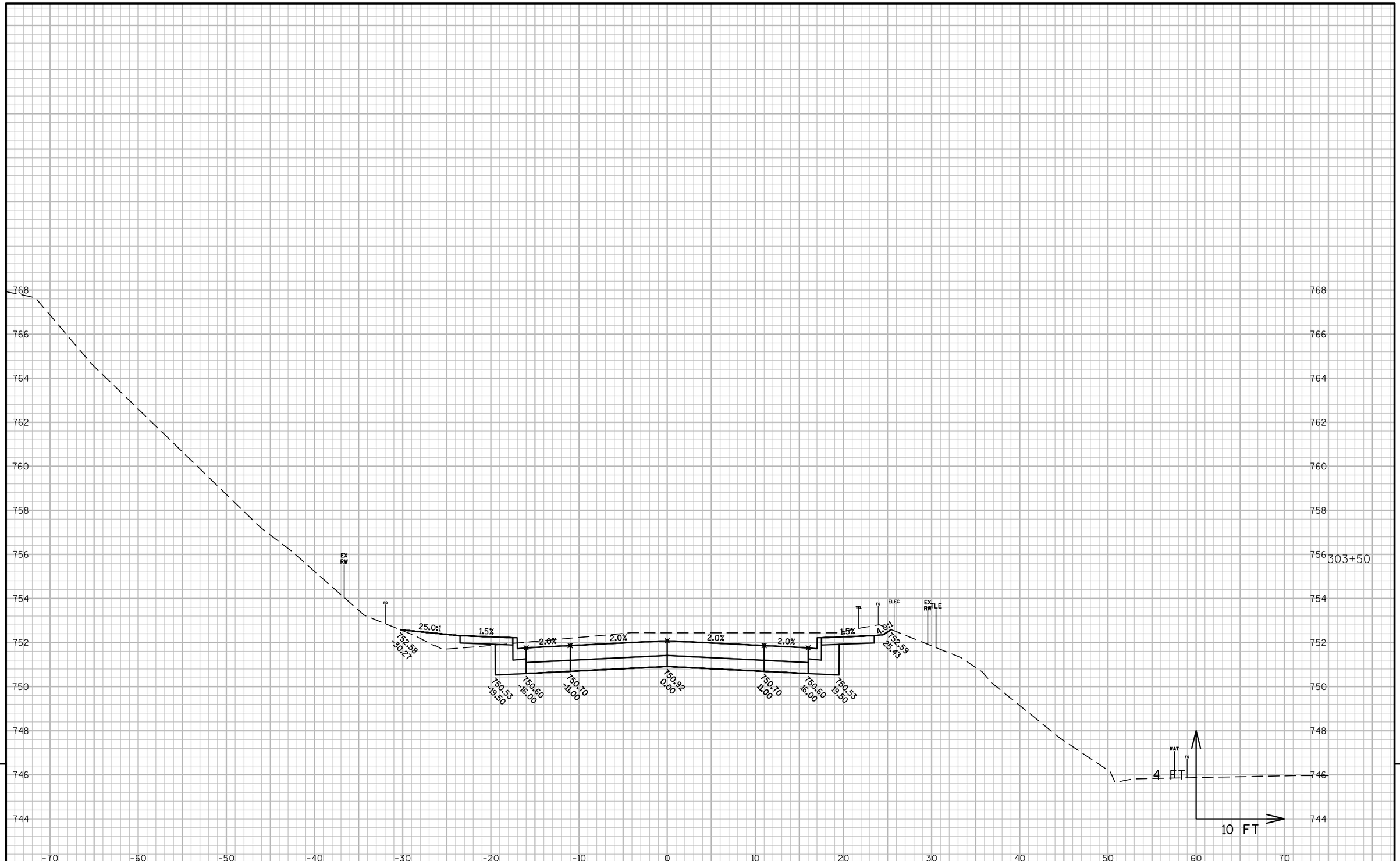
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 500	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********



9

9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 501	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49

768
766
764
762
760
758
756
754
752
750
748
746
744
742

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

304+00

EX RW

25.0:1

1.5% 2.0% 2.0% 2.0% 2.0% 1.5%

0:1

TEL

ELEC

750.8
-28.66

748.81
-27.37

748.52
-22.72

748.59
-19.22

748.76
-11.00

748.98
0.00

748.76
11.00

748.64
15.96

748.57
20.46

750.37
24.54

EX RW

WAT

4 FT

10 FT

9

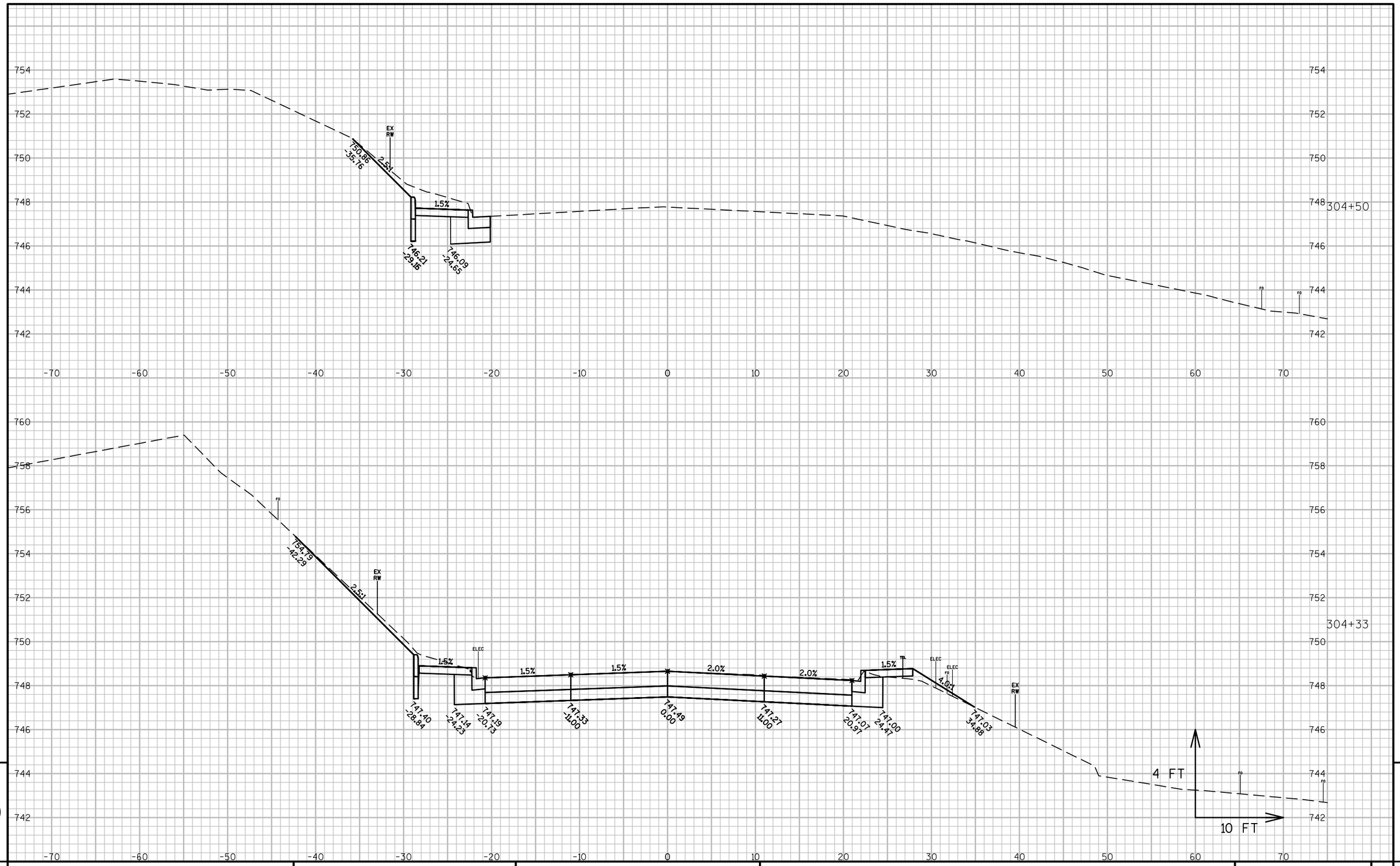
9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 502	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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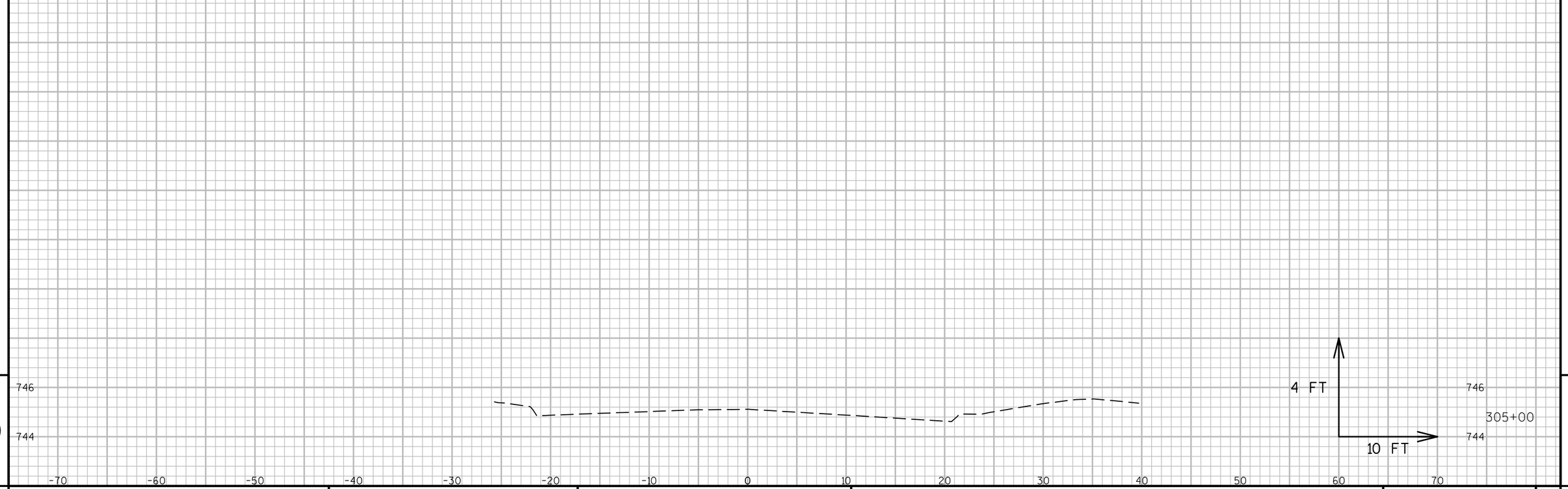
9

PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 503	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 49



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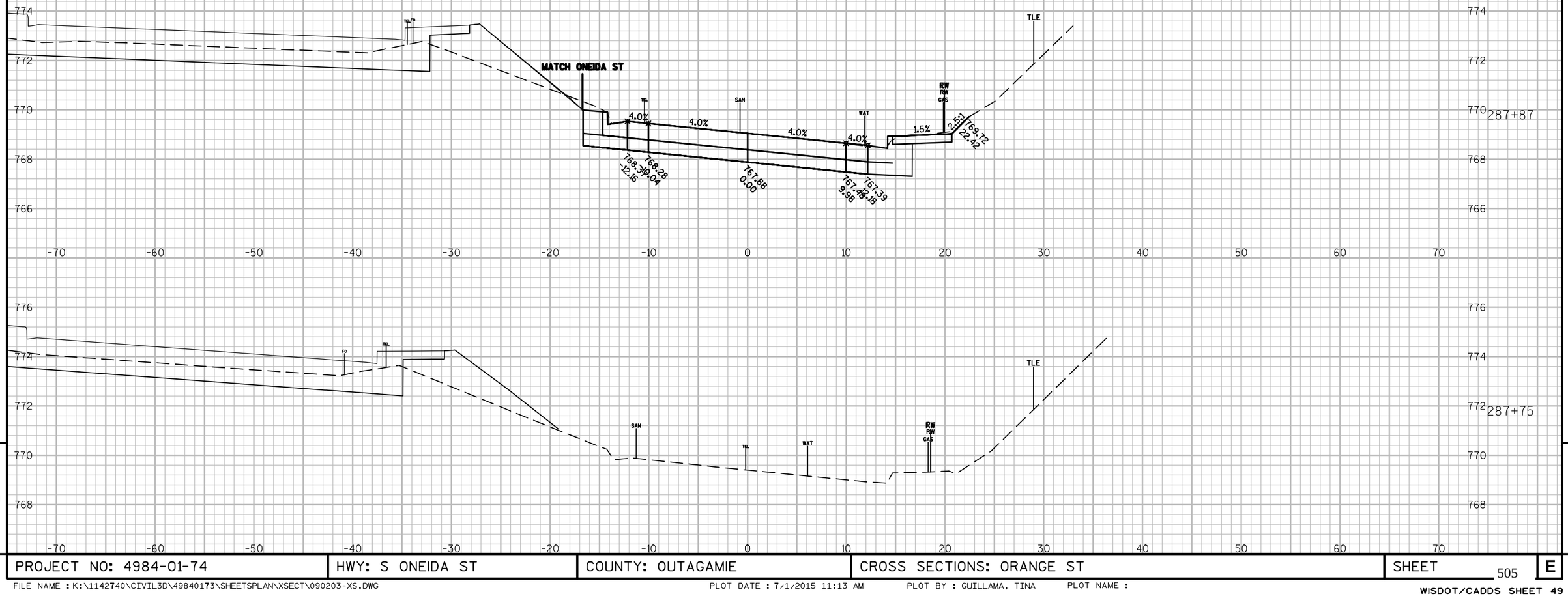
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: OLDE ONEIDA STREET	SHEET 504	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG
LAYOUT NAME - 01

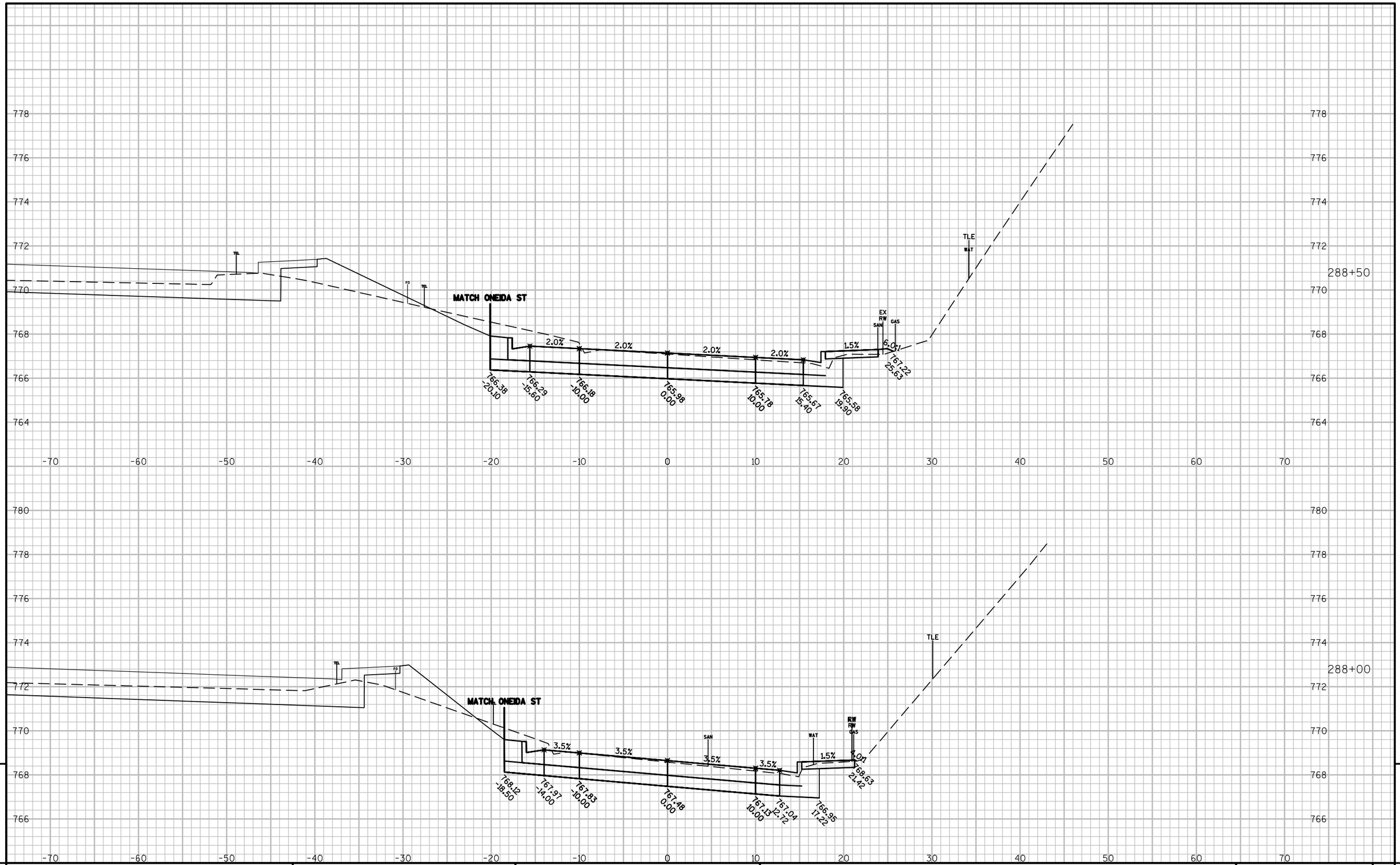
PLOT DATE : 6/30/2017 11:05 AM PLOT BY : BECKENDORF, RANDY PLOT NAME : PLOT SCALE : **********



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ORANGE ST	SHEET 505 E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG PLOT DATE : 7/1/2015 11:13 AM PLOT BY : GUILLAMA, TINA PLOT NAME :

WISDOT/CADDS SHEET 49



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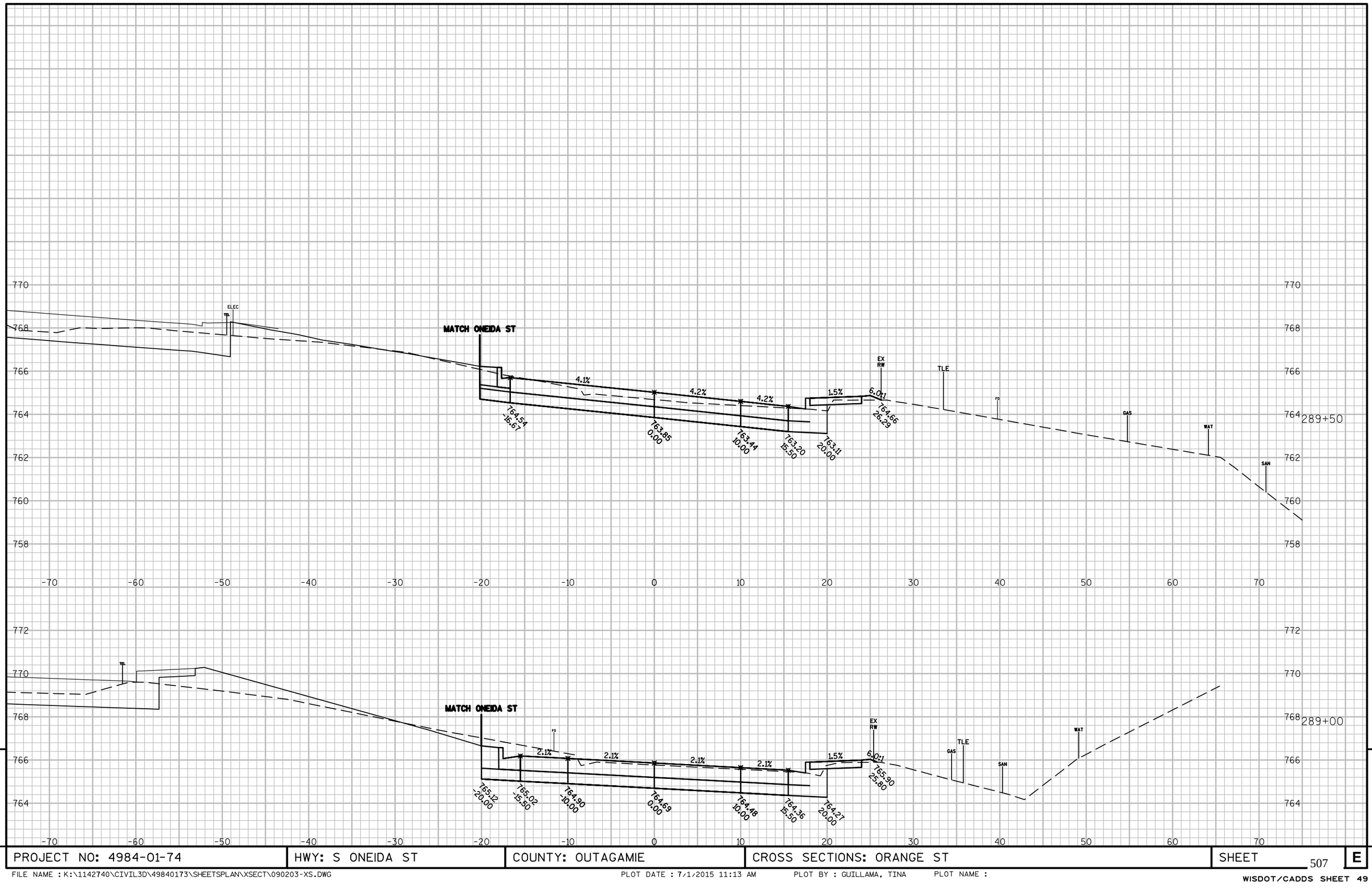
PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ORANGE ST	SHEET 506	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG PLOT DATE : 7/1/2015 11:13 AM PLOT BY : GUILLAMA, TINA PLOT NAME :

WISDOT/CADDS SHEET 49



PROJECT NO: 4984-01-74	HWY: S ONEIDA ST	COUNTY: OUTAGAMIE	CROSS SECTIONS: ORANGE ST	SHEET 507	E

FILE NAME : K:\1142740\CIVIL3D\49840173\SHEETSPLAN\XSECT\090203-XS.DWG PLOT DATE : 7/1/2015 11:13 AM PLOT BY : GUILLAMA, TINA PLOT NAME :

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