GRE APR 13

PROJECT ID: 1120-11-89
WITH: N/A

COUNTY: WINNEBAGO

ORDER OF SHEETS

TOTAL SHEETS = 106

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 26 - BREEZEWOOD LANE

STH 21 - USH 45

USH 41

WINNEBAGO COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1120-11-89	WISC 2013217	1

STATE PROJECT NUMBER
1120-11-89

LAKE BUTTE DES MORTS CAUSEWAY LANDSCAPING AND TRAIL ENHANCEMENT PLANS

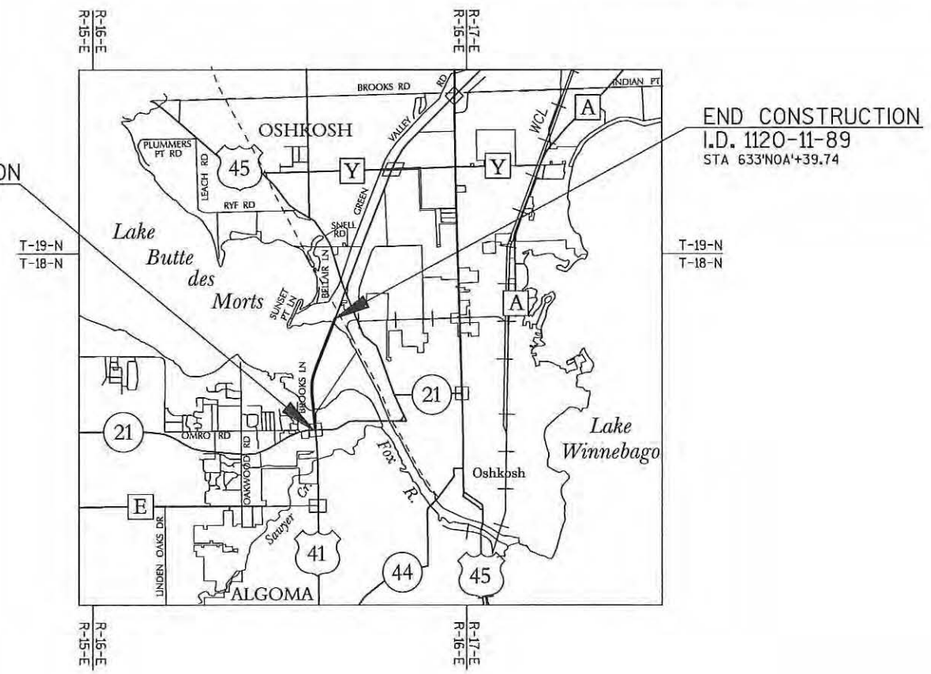
N

DESIGN DESIGNATION

A.D.T.	2007	68,400
A.D.T.	2035	111,800
D.H.V.	2035	9,780
D.D.		50-50
T.		14.0%
DESIGN SPEED		70 MPH
ESALS		22,549,700

BEGIN CONSTRUCTION
I.D. 1120-11-89
STA 551'NOA'+41.00
Y = 478392.26
X = 781305.54

END CONSTRUCTION
I.D. 1120-11-89
STA 633'NOA'+39.74



LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.000 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), WINNEBAGO COUNTY HORIZONTAL DATUM NAD 83 (91). ALL DISTANCES ARE GROUND. ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO VERTICAL DATUM 1929 ADJUSTMENT (NGVD 29).

CONVENTIONAL SYMBOLS

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- TEMPORARY LIMITED EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- RETAINING WALL
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) — MARSH
- SPECIAL DITCH — LABEL
- GRADE ELEVATION 95.36
- CULVERT (Profile View)

UTILITIES
- OVERHEAD COMMUNICATIONS — C-OH
- UNDERGROUND COMMUNICATIONS — C-UG
- OVERHEAD ELECTRIC — OH
- UNDERGROUND ELECTRIC — E
- GAS — G
- SANITARY SEWER — SAN
- STORM SEWER — SS
- TELEPHONE — T
- WATER — W
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

ORIGINAL PLANS PREPARED BY
HNTB
11414 WEST PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

WISCONSIN
MARK P. MATHU
E-25826
GREENFIELD, WI
PROFESSIONAL ENGINEER

10/15/2012 Mark P Mathu
(Date) (Signature)

ORIGINAL PLANS PREPARED BY
CH2MHILL
MILWAUKEE, WISCONSIN

WISCONSIN
JEFFREY A. BAUER
E-30709
GRAFTON, WI
PROFESSIONAL ENGINEER

10/17/12 Jeffrey A. Bauer
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT NORTHEAST REGION
Designer	CH2M HILL/KEN SAIKI DESIGN/HNTB
Project Manager	TOM BUCHHOLZ
Regional Examiner	BRIAN HAEN
Regional Supervisor	MIKE KING
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 10/22/2012 Tom Buchholz
(Signature)

E

2

GENERAL NOTES

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

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

THE EROSION CONTROL ITEMS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

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

EXISTING ELEVATIONS SHALL BE VERIFIED IN THE FIELD.

REFERENCE LINE ALIGNMENTS SHOWN THROUGHOUT THE PLAN DO NOT CORRELATE WITH THE ALIGNMENT SHOWN ON THE RIGHT-OF-WAY PLAN.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS.

EXISTING SIDE SLOPES AND DITCH GRADES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD.

DO NOT REMOVE ANY EXISTING SIGNS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THESE SIGNS.

REFERENCE LINE CALL OUTS

'ALL'	ALLEY STREET	'OMC'	USH 41 NORTHBOUND ENTRANCE RAMP
'BRK'	BROOKS LANE	'OMD'	USH 41 NORTHBOUND EXIT RAMP
'BUT'	LAKE BUTTE DES MORTS DR	'OME'	STH 21 EASTBOUND
'FPN'	NORTH FISHING PATH	'OMW'	STH 21 WESTBOUND
'FPS'	SOUTH FISHING PATH	'KSN'	NORTH KOELLER STREET (NORTH OF RAB)
'KSN'	NORTH KOELLER STREET (NORTH OF RAB)	'KSS'	NORTH KOELLER STREET (SOUTH OF RAB)
'NBR'	STH 21/NORTHBOUND RAMPS ROUNDABOUT	'SOA'	USH 41 SOUTHBOUND
'NOA'	USH 41 NORTHBOUND	'SUP'	SHARED USE PATH
'OKR'	STH 21/N. KOELLER ST ROUNDABOUT	'WAS'	NORTH WASHBURN STREET
'OMA'	USH 41 SOUTHBOUND ENTRANCE RAMP	'WBR'	STH 21/N.WASHBURN ST/BROOKS LN ROUNDABOUT
'OMB'	USH 41 SOUTHBOUND EXIT RAMP		

DESIGNER NOTES

DESIGN, PLANS, SPECIFICATIONS, AND ESTIMATE FOR PLANTING PROVIDED BY KEN SAIKI DESIGN.

DESIGN, PLANS, SPECIFICATIONS, AND ESTIMATE FOR OVERLOOKS AND LIGHTING PROVIDED BY HNTB.

UTILITY COORDINATION AND UTILITY SPECIFICATIONS BY BECHER HOPPE ASSOCIATES.

DESIGN, PLANS, SPECIFICATIONS, AND ESTIMATE FOR ALL REMAINING ITEMS PROVIDED BY CH2M HILL, INC.

STANDARD ABBREVATIONS

AEW	APRON END WALL
AGG	AGGREGATE
AH	AHEAD
ASP	ASPHALTIC
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
BT	BEGIN TRANSITION
CC	CENTER OF CURVATURE
CE	COMMERCIAL ENTRANCE
C&G	CURB AND GUTTER
C/L OR ℄	C/L OR ℄ CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
△	DELTA
DISCH	DISCHARGE
ET	END TRANSITION
FE	FIELD ENTRANCE
FS	FULL SUPERELEVATION
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HT	HEIGHT
INV	INVERT
L	LENGTH OF CURVE
LBDM	LAKE BUTTE DES MORTS
LHF	LEFT HAND FORWARD
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
NORM	NORMAL
O/S	OFF SET
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASMENT
POB	POINT OF BEGINNING
PT	POINT OF TANGENT
PUU	PIPE UNDERDRAIN UNPERFORATED
PVC	POLYVINYL CHLORIDE
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF	SQUARE FOOT
STA	STATION
SY	SQUARE YARD
SVD	SLOTTED VANE DRAIN
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASMENT
TYP	TYPICAL
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPRC	POINT OF VERTICAL REVERSE CURVE
VPT	POINT OF VERTICAL TANGENT

ORDER OF SECTION 2 SHEETS

OTHER CONTACTS

DNR LIAISON
BOBBI JO FISCHER
427 EAST TOWER DRIVE
SUITE 100
WAUTOMA, WI 54982
PHONE: (920) 787-4686 EXT 3007

TOWN OF OSHKOSH
TOWN HALL
2492 HICKORY LANE
OSHKOSH, WI 54901
PHONE: 920-233-3618
JIM ERDMAN, CHAIRPERSON
4804 ISLAND VIEW DRIVE
OSHKOSH, WI 54901
PHONE: (920) 233-3618

WINNEBAGO COUNTY HIGHWAY DEPARTMENT
JOHN HAESE
901 WEST COUNTY ROAD Y
OSHKOSH, WI 54901
PHONE: (920) 232-1700

WISCONSIN HIGHWAY BUSINESS SIGNS/ DIVISION OF DERSE, INC.
MARK ROGNSVOOG
3800 W. CANAL STREET
MILWAUKEE, WI 53208
PHONE: (414) 257-2000

WISCONSIN DEPARTMENT OF TRANSPORTATION
FIBER OPTICS
DON SCHELL
STATE WIDE TRAFFIC OPERATIONS CENTER
433 W. PAUL 300
MILWAUKEE, WI 53203
PHONE: (414) 227-2148

NE REGION CONTACT
RANDY ASMAN
OFFICE: (920) 492-7719
CELL: (920) 360-3107

WINNEBAGO COUNTY SURVEYOR
JERRY BOUGIE
WINNEBAGO COUNTY COURT HOUSE
448 ALGOMA BLVD
OHSHKOSH, WI 54903-2808
PHONE: (920) 236-4839

WISCONSIN STATE PATROL
SGT. TIMOTHY McGRATH
NORTHEAST REGION - FOND DU LAC POST
P.O. BOX 984
FOND DU LAC, WI 54936-0894
OFFICE: (920) 929-3700 EXT 3004
CELL: (920) 960-5304

UTILITIES

CITY OF OSHKOSH, DEPT. OF PUBLIC WORKS
(SANITARY SEWER & WATER)
PETE GULBRONSON
215 CHURCH AVENUE
P.O. BOX 1130
OSHKOSH, WI 54903
OFFICE: (920) 236-5065
CELL: (920) 376-0413
pgulbronson@ci.oshkosh.wi.us

DAVID PATEK
215 CHURCH AVENUE
P.O. BOX 1130
OSHKOSH, WI 54903
OFFICE: (920) 236-5065
dpatek@ci.oshkosh.wi.us

AMERICAN TRANSMISSION COMPANY LLC
(ELECTRIC - TRANSMISSION)
MIKE OLSEN
SENIOR SURVEYING SPECIALIST
801 O'KEEFE ROAD
PO BOX 6113
DE PERE, WI 54115-6113
OFFICE: (920) 338-6582
CELL: (920) 660-2390
molsen@atcllc.com

AT&T WISCONSIN
(TELECOMMUNICATIONS)
CHARLES BARTELT
70 EAST DIVISION STREET
FOND DU LAC, WI 54935
OFFICE: (920) 929-1013
CELL: (920) 410-5105
cb1461@att.com

TIME WARNER CABLE
(TELECOMMUNICATIONS)
VINCE ALBIN
CONSTRUCTION ADMINISTRATOR
3520 DESTINATION DRIVE
APPLETON, WI 54195
OFFICE: (920) 831-9249
CELL: (920) 378-0488
vince.albin@twcable.com

WISCONSIN PUBLIC SERVICE CORPORATION
(ELECTRIC DISTRIBUTION)
DAVE PETERSEN
REGIONAL ELECTRIC ENGINEER
3300 N. MAIN STREET
PO BOX 420
OSHKOSH, WI 54903-0420
OFFICE: (920) 236-5910
CELL: (920) 680-2036
dtpetersen@wiscosninpublicservice.com

(GAS DISTRIBUTION)
PAUL SPANGLER
REGIONAL GAS ENGINEER
3330 N. MAIN STREET
PO BOX 420
OSHKOSH, WI 54903-0420
OFFICE: (920) 236-5908
CELL: (920) 660-3150
paspangler@wiscosninpublicservice.com

TRANSCANADA
(GAS PIPELINE)
MARK BIRSCHBACK
W3925 PIPELINE LANE
EDEN, WI 53019
OFFICE: (920) 477-2242
CELL: (920) 375-0467
mark_birschback@transcanada.com

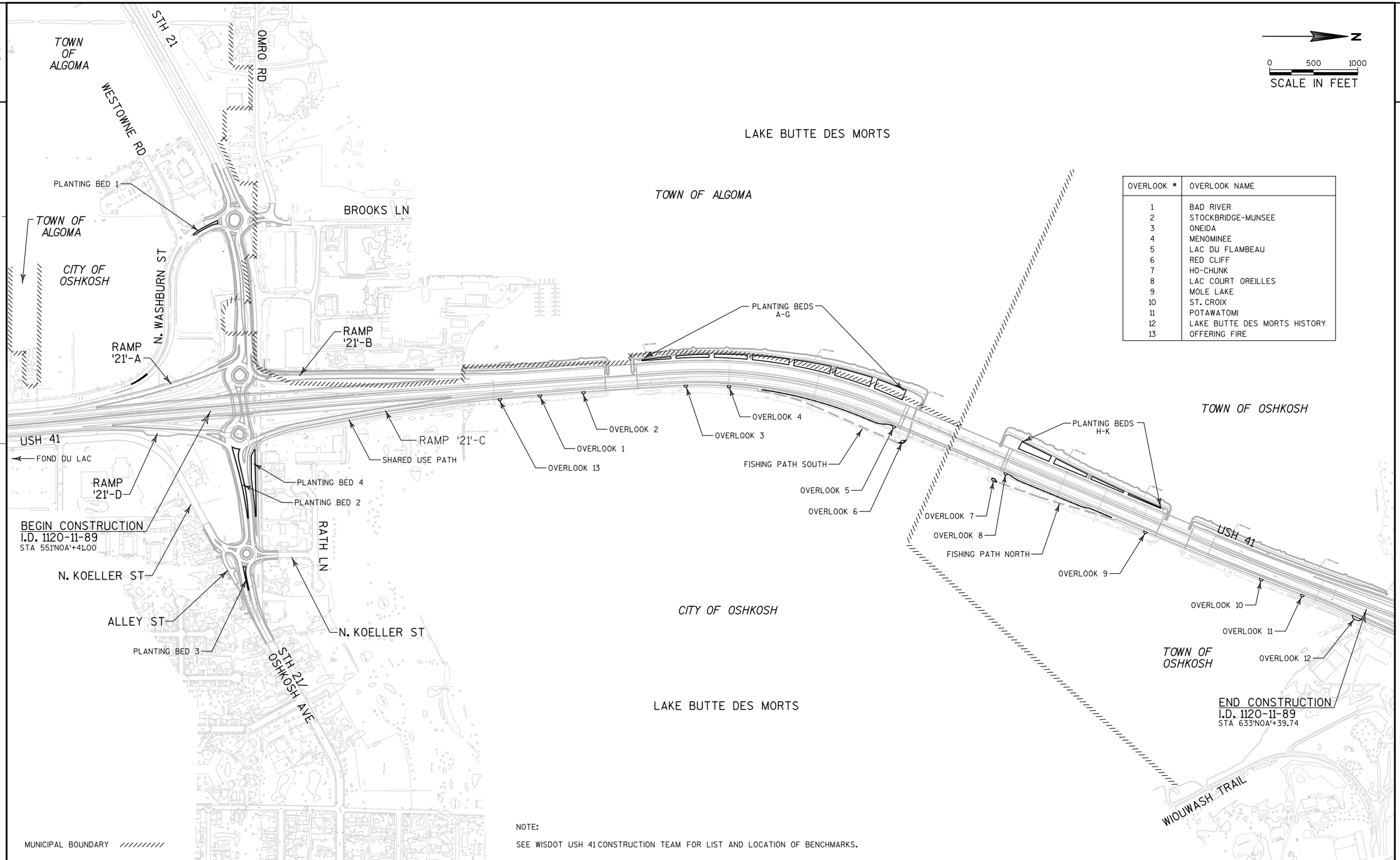
TOWN OF ALGOMA SANITARY DISTRICT #1
(SANITARY SEWER)
KEVIN MRAZ
UTILITY DIRECTOR
3477 MILLER ROAD
OSHKOSH, WI 54904
OFFICE: (920) 426-0335
CELL: (920) 720-9267
kevin@algomasd.org

DIGGERS HOTLINE

Call 811 3 Work Days Before You Dig
or Toll Free (800) 242-8511
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



OVERLOOK #	OVERLOOK NAME
1	BAD RIVER
2	STOCKBRIDGE-MUNSEE
3	ONEIDA
4	MENOMINEE
5	LAC DU FLAMBEAU
6	RED CLIFF
7	HO-CHUNK
8	LAC COURT OREILLES
9	MOLE LAKE
10	ST. CROIX
11	POTAWATOMI
12	LAKE BUTTE DES MORTS HISTORY
13	OFFERING FIRE

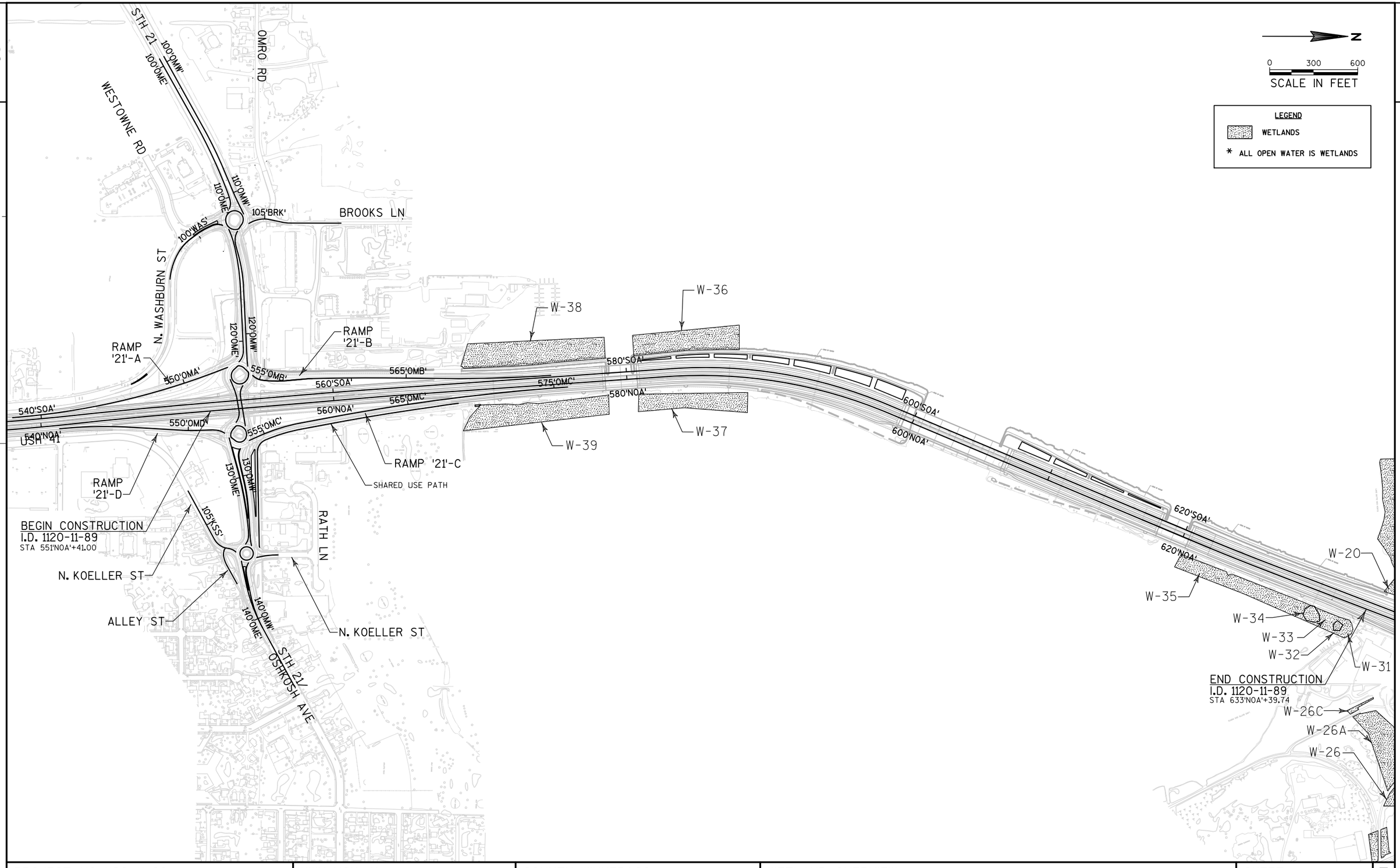
NOTE:

SEE WISDOT USH 41 CONSTRUCTION TEAM FOR LIST AND LOCATION OF BENCHMARKS.

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PROJECT OVERVIEW	SHEET 3	E

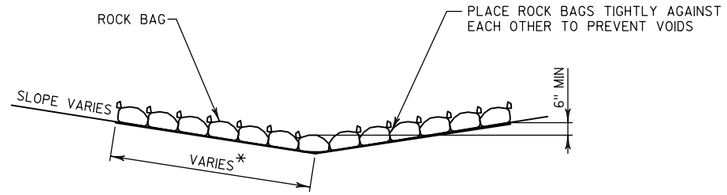
FILE NAME : ch_1189_020201_po.dgn PLOT DATE : 15-OCT-2012 PLOT BY : swendt1 PLOT NAME : PLOT SCALE : 600:1

WISDOT/CADDS SHEET 42

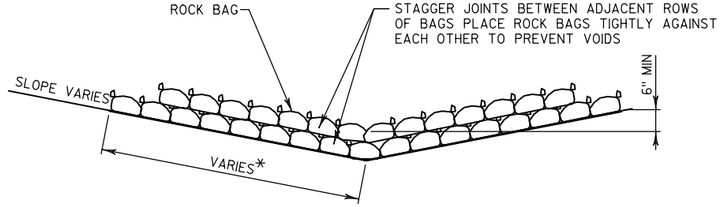


PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	WETLAND OVERVIEW	SHEET 4	E

2



SIDE VIEW (SINGLE LAYER)

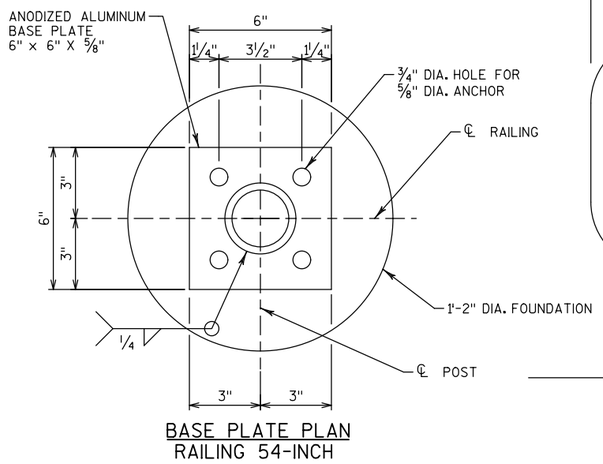


* LENGTH AND NUMBER OF BAGS MAY VARY
DEPENDING ON DESIRED DEPTH OF WATER POOL

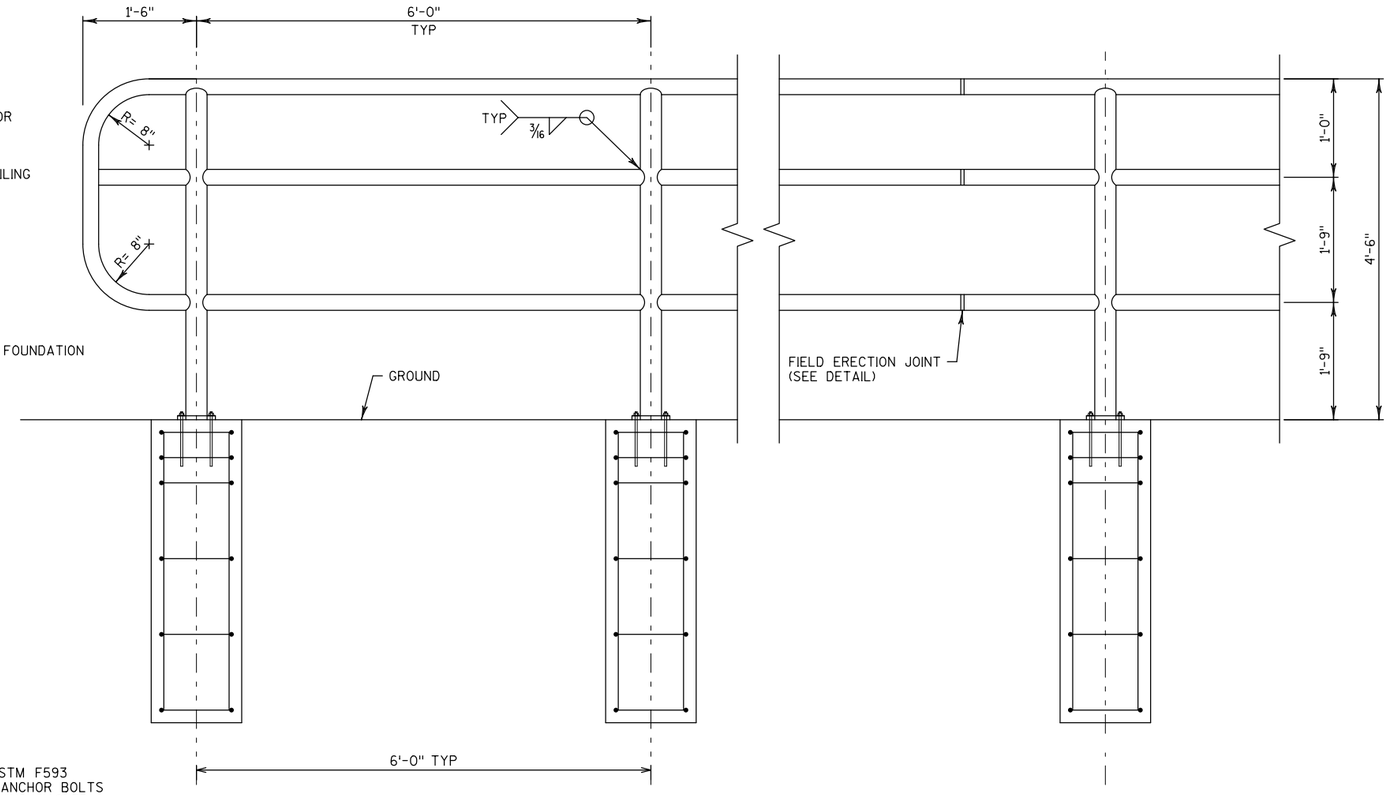
SIDE VIEW (MULTIPLE LAYER)

DITCH CHECKS

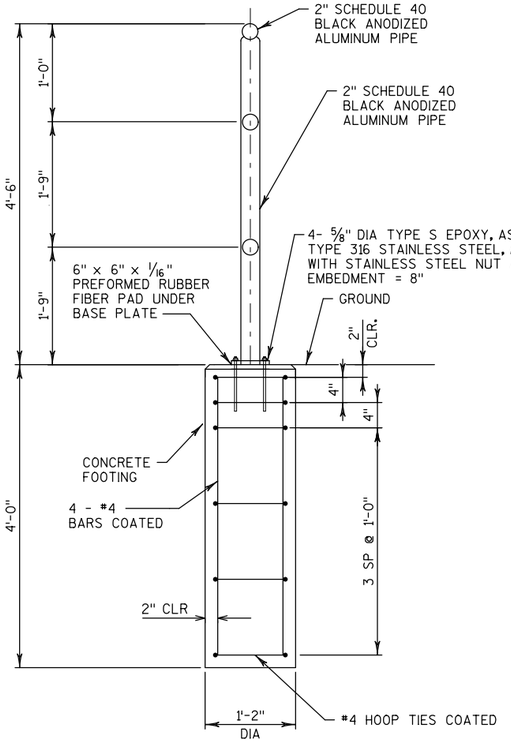
ROCK BAGS DETAIL



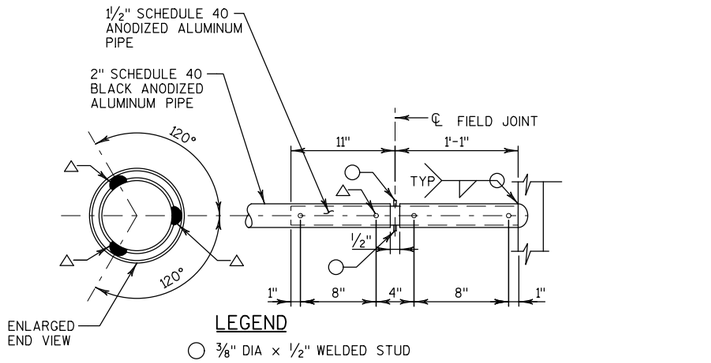
BASE PLATE PLAN
RAILING 54-INCH



ELEVATION VIEW
RAILING 54-INCH



TYPICAL SECTION
RAILING 54-INCH

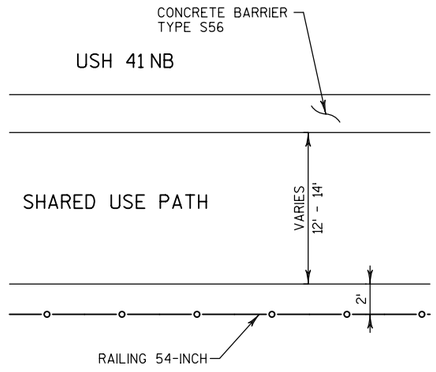


LEGEND

○ 3/8" DIA x 1/2" WELDED STUD

△ WELD BEADS (3) AT 120° AROUND CIRCUMFERENCE (4) PLACES ON PIPE. GRIND BEADS SO THAT SLEEVE FITS FREELY IN THE I.D. OF PIPE.

FIELD ERECTION JOINT DETAIL
RAILING 54-INCH



PLAN
RAILING 54-INCH

NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS.

ALL POST SPA. ARE TAKEN HORIZ. ALONG CENTER LINE OF RAILING AT BASE OF POST.

THE BID ITEM SHALL BE "RAILING 54-INCH" WHICH SHALL INCLUDE ALL ITEMS SHOWN.

RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE MINIMUM OF 4 POSTS.

ALL MATERIAL SHALL BE ANODIZED AFTER FABRICATION.

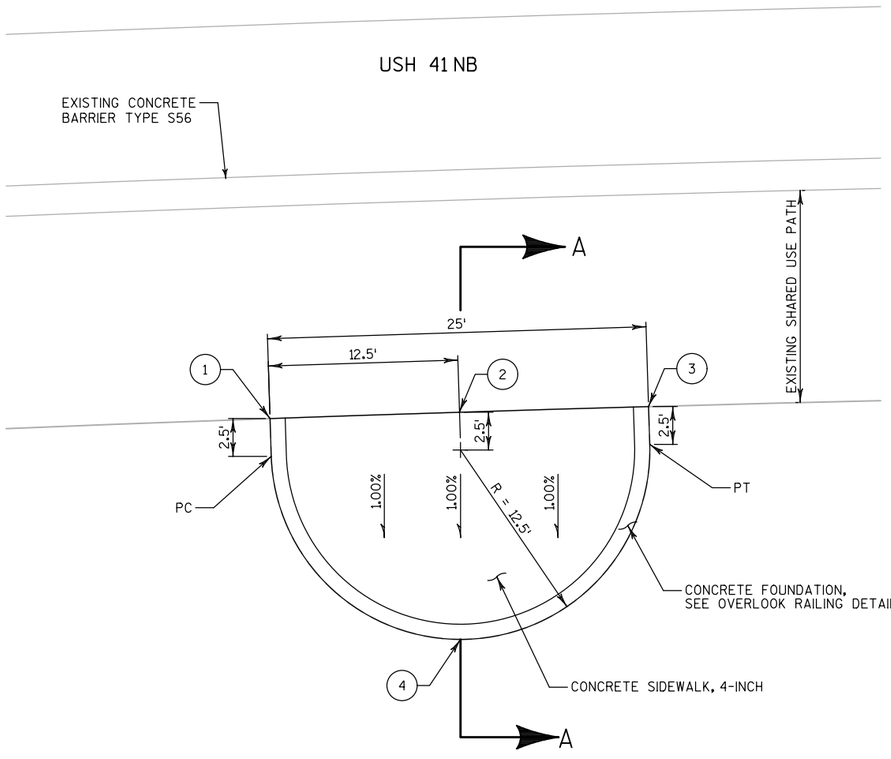
POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.

CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.

STAINLESS STEEL SHIMS SHALL BE PROVIDED AND USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT.

CAULK AROUND PERIMETER OF BASE PLATE WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

ALL JOINTS TO BE WELDED, SEE SPECIAL PROVISIONS, SHOP DRAWINGS REQUIREMENT

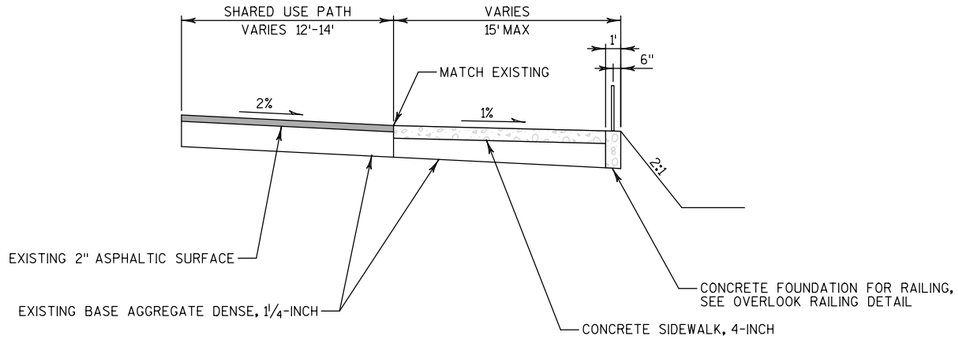


			ELEVATION			
LOCATION	STATION	OFFSET	1	2	3	4
OVERLOOK #1	574'N0A'+01.26	64.3' RT	755.14	755.19	755.25	755.04
OVERLOOK #2	577'N0A'+00.11	63.4' RT	756.56	756.61	756.67	756.46
OVERLOOK #3	584'N0A'+00.00	64.0' RT	758.18	758.22	758.27	758.07
OVERLOOK #4	587'N0A'+00.00	64.6' RT	759.94	760.04	760.14	759.89
OVERLOOK #5	598'N0A'+94.60	65.0' RT	778.77	778.89	779.00	779.04
OVERLOOK #8	607'N0A'+19.38	65.1' RT	776.22	776.01	775.81	775.86
OVERLOOK #9	617'N0A'+50.00	64.0' RT	759.29	759.23	759.22	759.08
OVERLOOK #10	626'N0A'+00.00	61.7' RT	755.83	755.79	755.75	755.64
OVERLOOK #11	629'N0A'+00.00	64.0' RT	754.82	754.78	754.74	754.63
OVERLOOK #13	571'N0A'+21.20	70.8' RT	754.21	754.24	754.28	754.09

STATION OFFSET PROVIDED AT POINT ②.

NOTES:

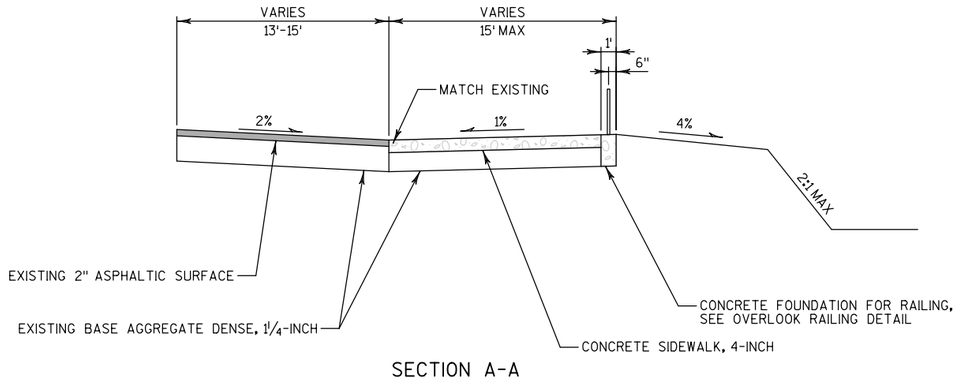
1. EXISTING ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD FOR POINTS ①, ②, AND ③.
2. SEE OVERLOOK DETAILS FOR LAYOUT OF CONCRETE SIDEWALK 4-INCH.
3. OVERLOOK 5 IS SLOPED 1% TOWARDS THE SHARED USE PATH.



SECTION A-A

TYPICAL SECTION OVERLOOK

OVERLOOKS 1,2,3,4,8,9,10,AND 11



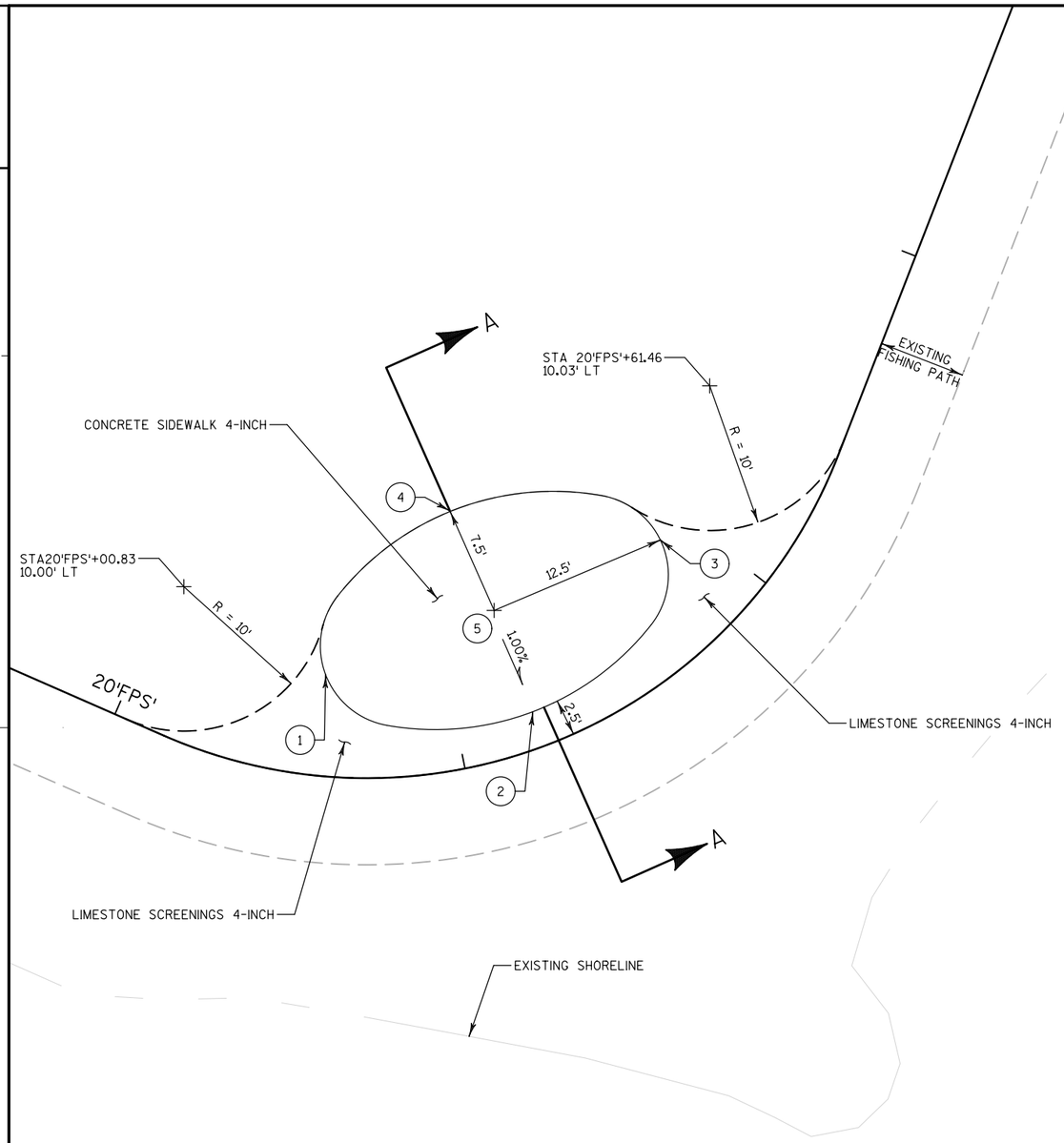
SECTION A-A

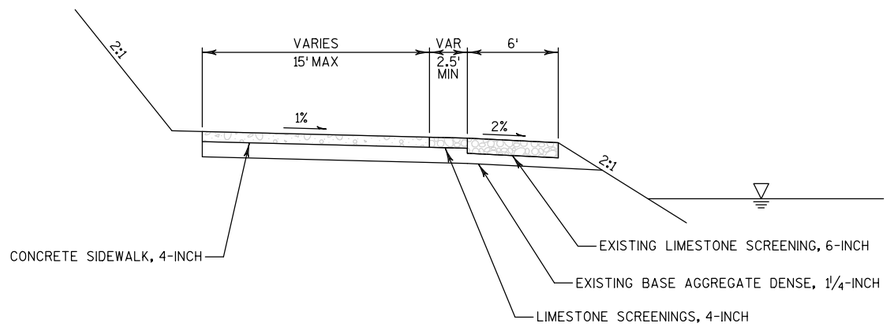
TYPICAL SECTION OVERLOOK

OVERLOOK 5

OVERLOOK PAVING DETAIL

OVERLOOKS 1,2,3,4,5,8,9,10,11 AND 13





SECTION A-A

TYPICAL SECTION OVERLOOK

OVERLOOK 6

			ELEVATION				
LOCATION	STATION	OFFSET	1	2	3	4	5
OVERLOOK #6	20'FPS'+30.79	10.0' LT	749.56	749.48	749.56	749.63	749.56

STATION PROVIDED AT POINT ⑤.

NOTES:

1. EXISTING ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD FOR POINTS ①, ②, ③, AND ⑤.
2. SEE OVERLOOK DETAILS FOR LAYOUT OF CONCRETE SIDEWALK 4-INCH.

OVERLOOK PAVING DETAIL

OVERLOOK 6

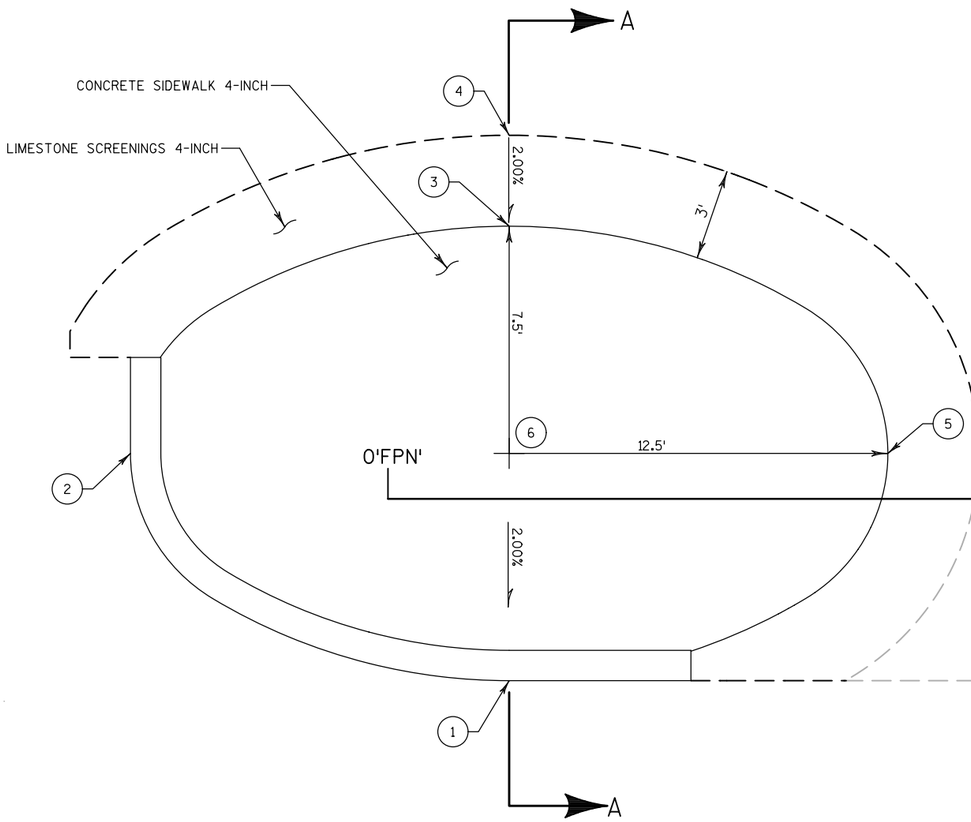
2

NOTES:

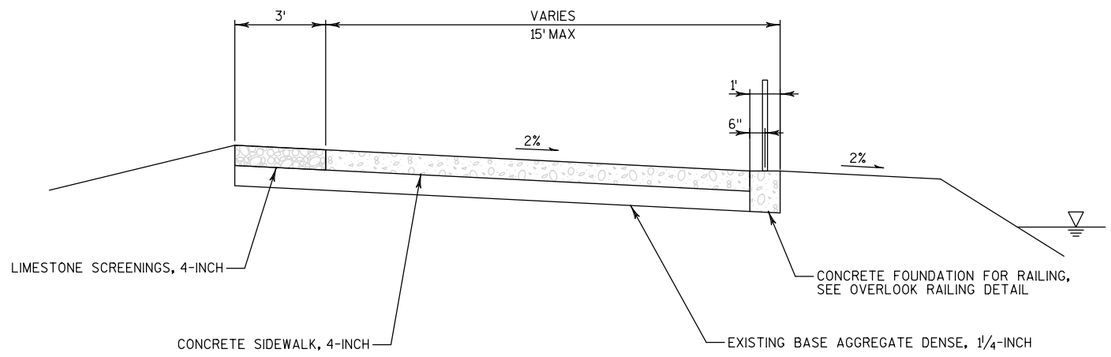
1. EXISTING ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD FOR POINTS ①, ②, ③, AND ⑤.
2. SEE OVERLOOK DETAILS FOR LAYOUT OF CONCRETE SIDEWALK 4-INCH.

			ELEVATION					
LOCATION	STATION	OFFSET	1	2	3	4	5	6
OVERLOOK #7	0'FPN'+04.00	1.5' LT	749.50	749.65	749.80	749.86	749.65	749.65

STATION PROVIDED AT POINT ⑥.

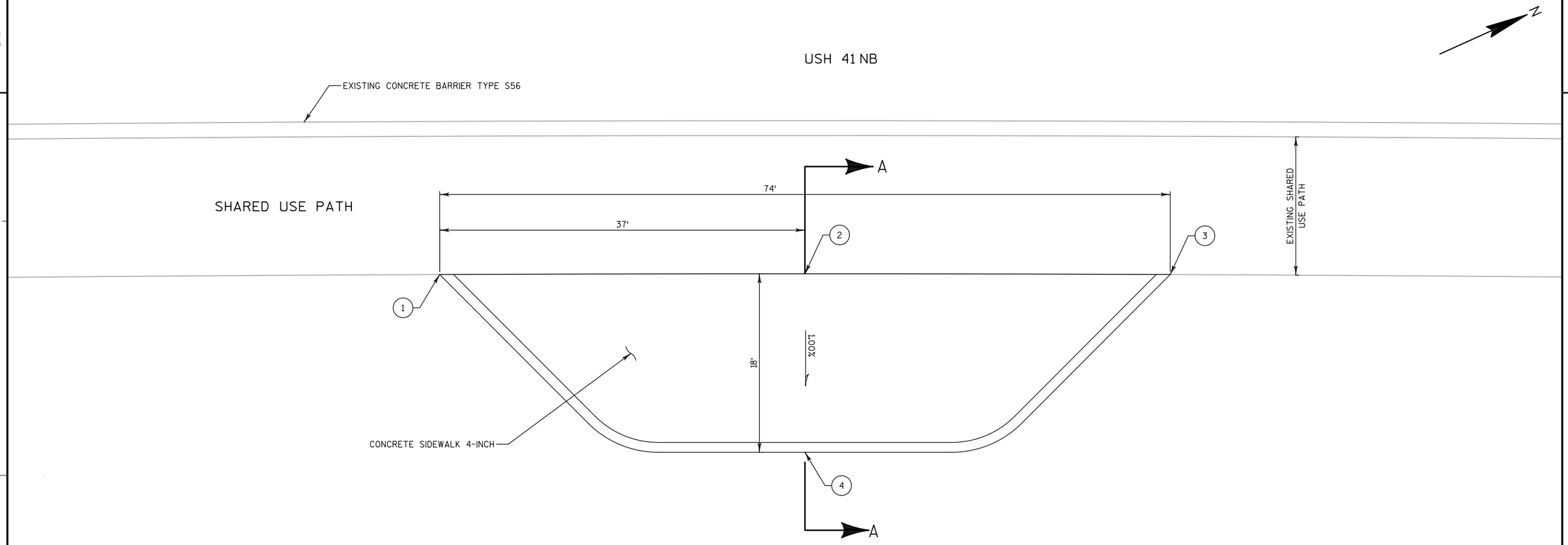


OVERLOOK PAVING DETAIL
OVERLOOK 7

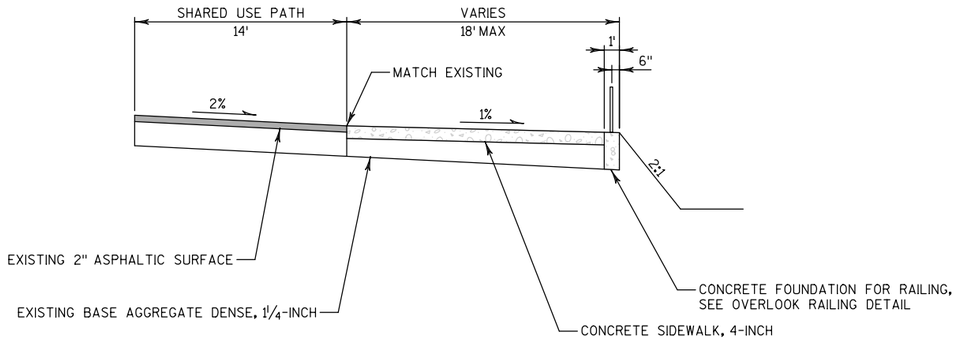


SECTION A-A

TYPICAL SECTION OVERLOOK
OVERLOOK 7



PLAN VIEW



SECTION A-A

TYPICAL SECTION OVERLOOK
OVERLOOK 12

			ELEVATION			
LOCATION	STATION	OFFSET	1	2	3	4
OVERLOOK #12	633'NOA'+00.00	75.4' RT	753.43	753.26	753.08	753.08

STATION PROVIDED AT POINT ②.

OVERLOOK PAVING DETAIL
OVERLOOKS 12

NOTES:

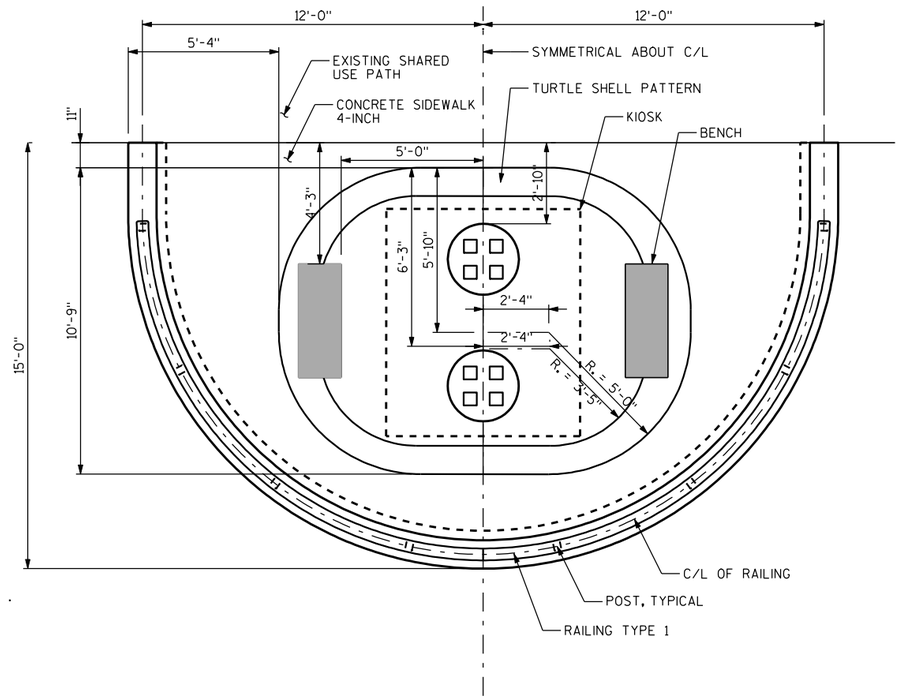
1. EXISTING ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD FOR POINTS ①, ②, AND ③.
2. SEE OVERLOOK DETAILS FOR LAYOUT OF CONCRETE SIDEWALK 4-INCH.

2

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

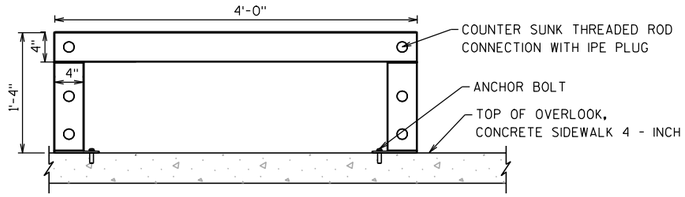
SEE PLAN SHEET FOR OVERLOOK LOCATION



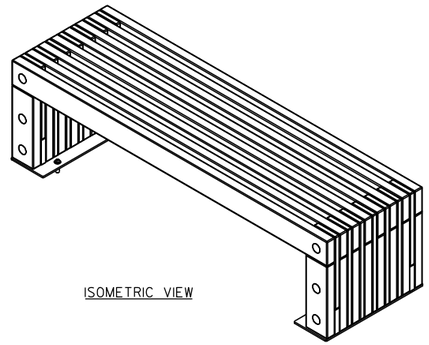
OVERLOOK SITE PLAN

PLANVIEW

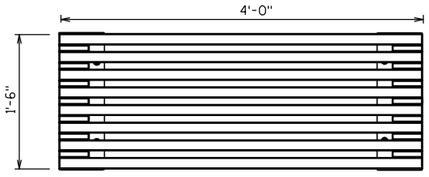
NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



FRONT ELEVATION

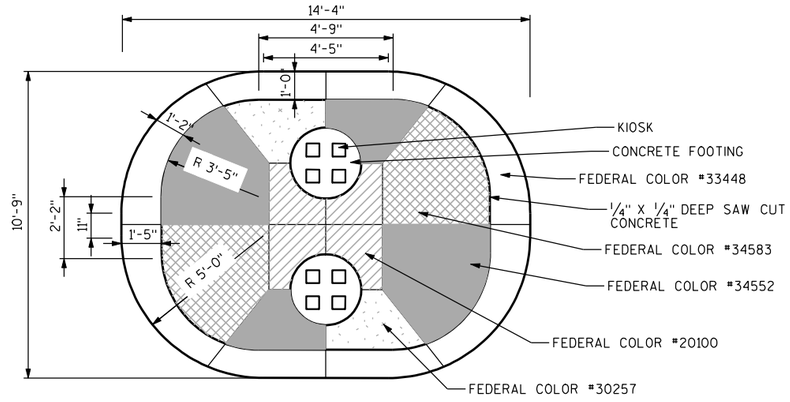


ISOMETRIC VIEW



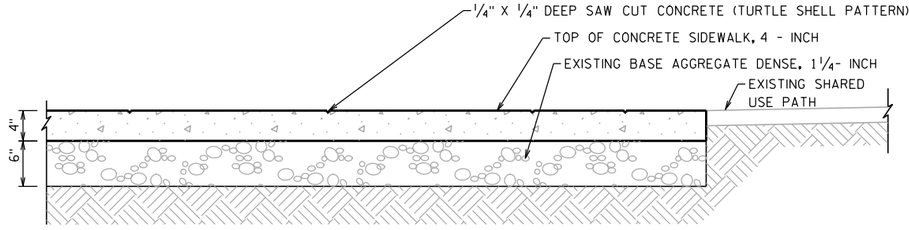
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

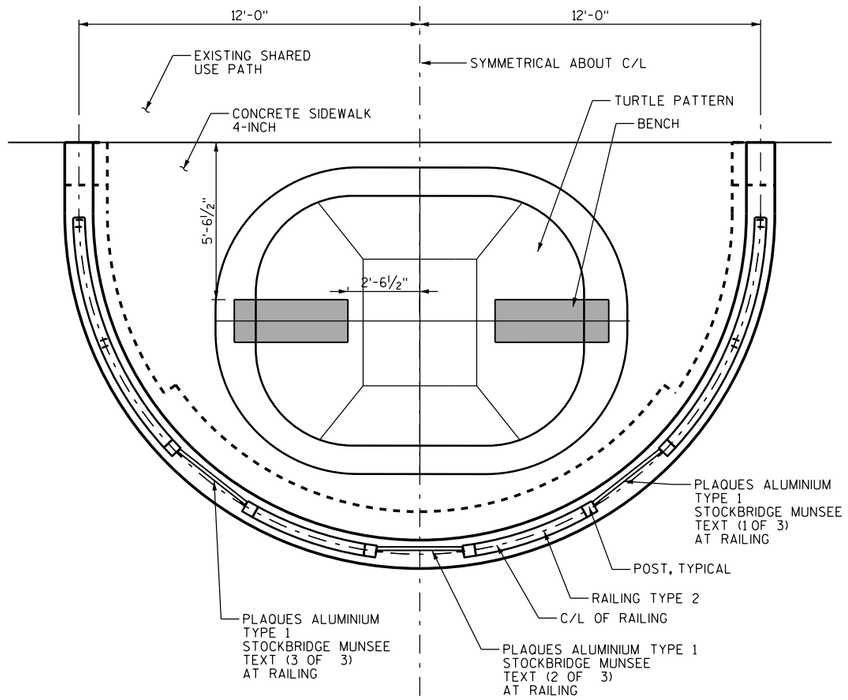
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
□	STOCKBRIDGE MUNSEE (2)
□	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
□	HO-CHUNK (7)
□	ST. CROIX (10)
□	LAKE BUTTE DES MORTS HISTORY (12)
□	OFFERING FIRE (13)

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

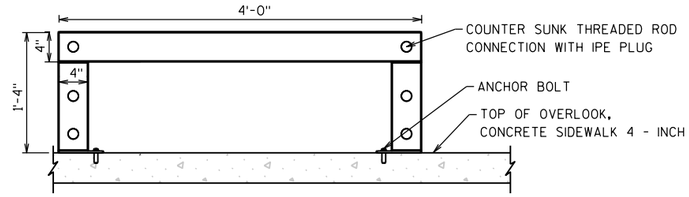
SEE PLAN SHEET FOR OVERLOOK LOCATION



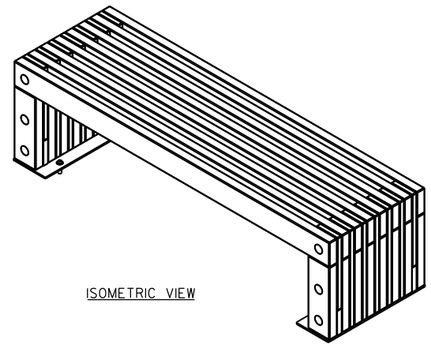
OVERLOOK SITE PLAN

PLANVIEW

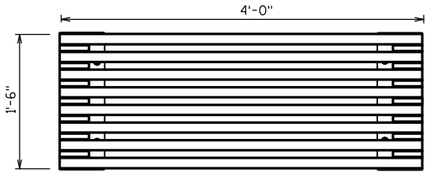
NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



FRONT ELEVATION

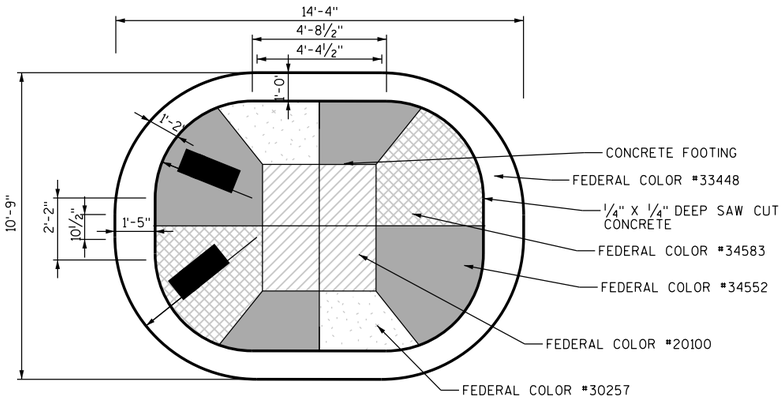


ISOMETRIC VIEW



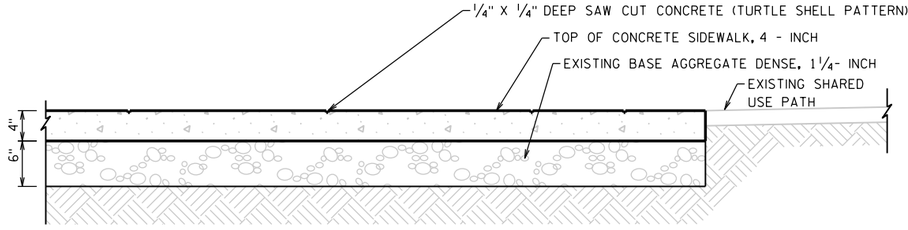
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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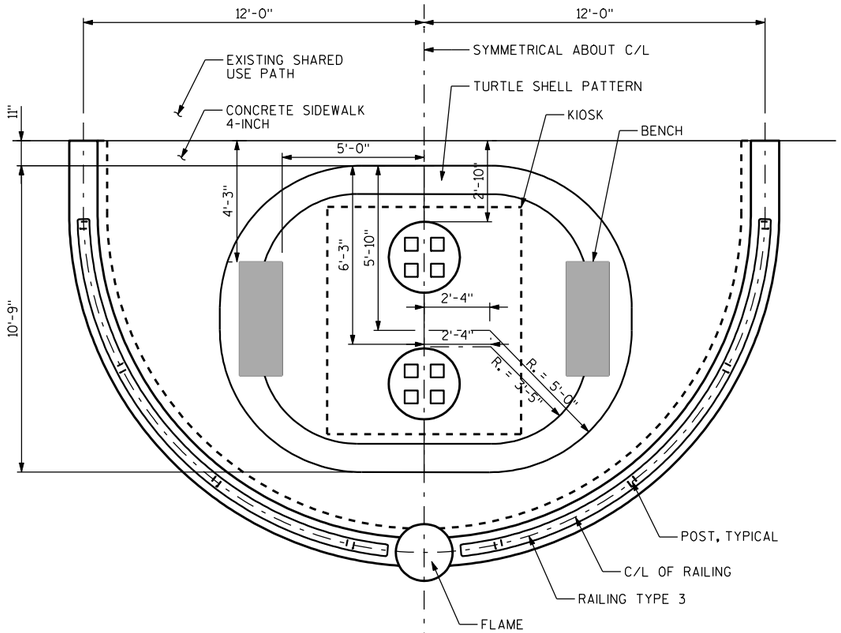
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

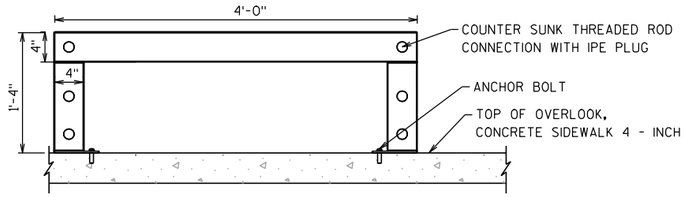
SEE PLAN SHEET FOR OVERLOOK LOCATION



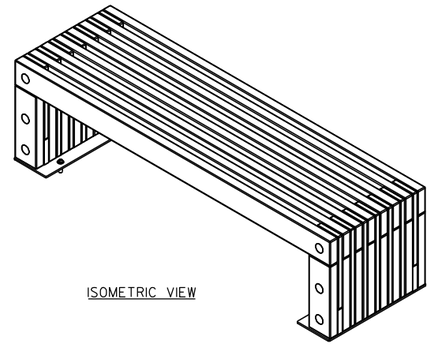
OVERLOOK SITE PLAN

PLANVIEW

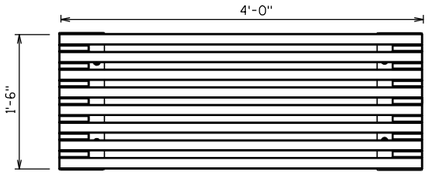
NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



FRONT ELEVATION

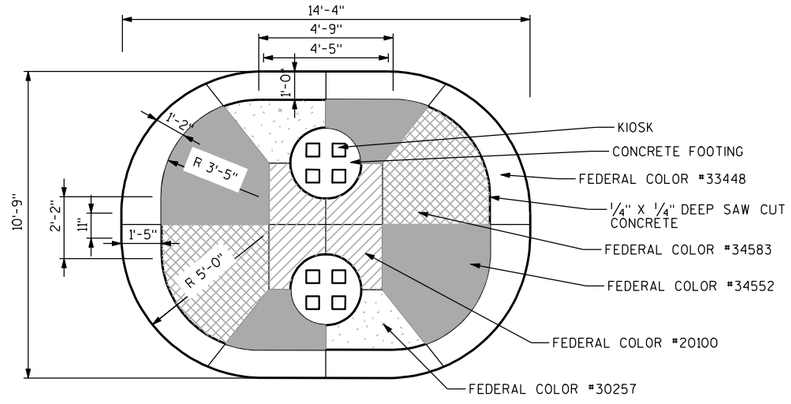


ISOMETRIC VIEW



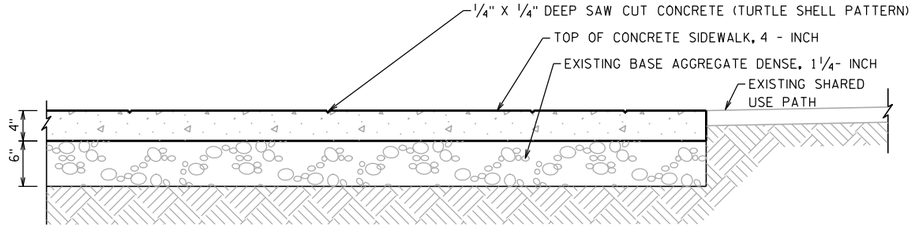
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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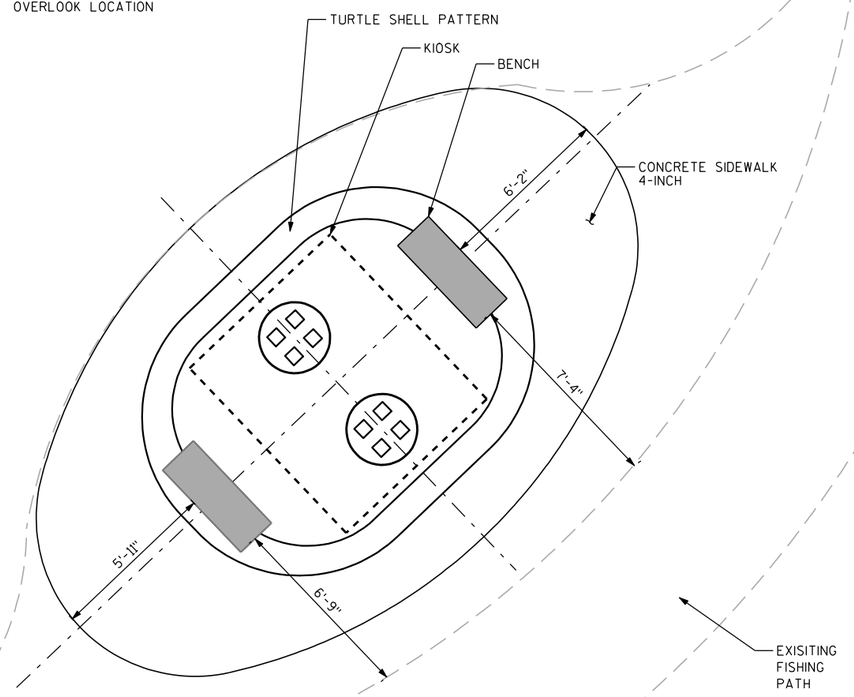
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

2

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

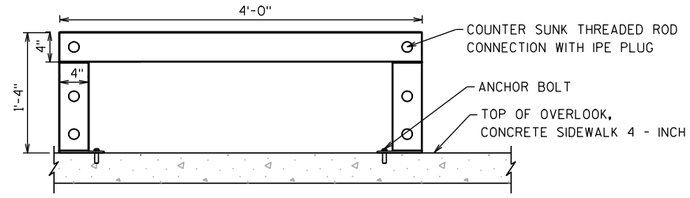
SEE PLAN SHEET FOR OVERLOOK LOCATION



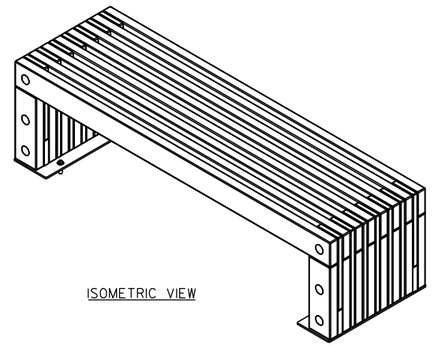
OVERLOOK SITE PLAN

PLANVIEW

NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



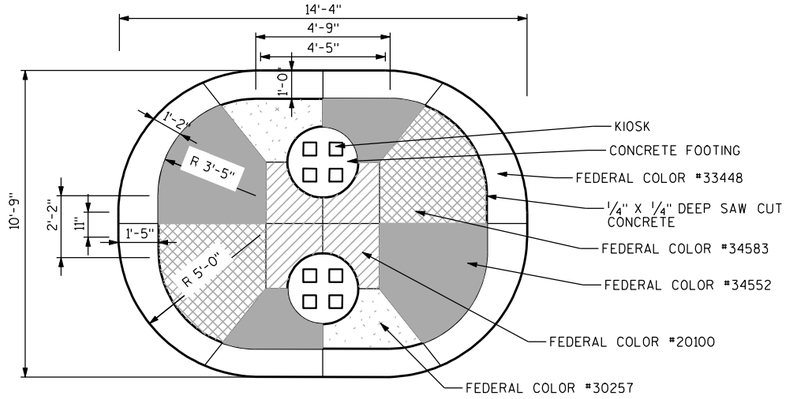
FRONT ELEVATION



ISOMETRIC VIEW

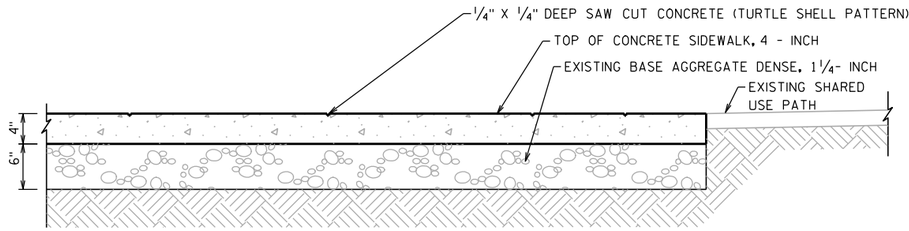
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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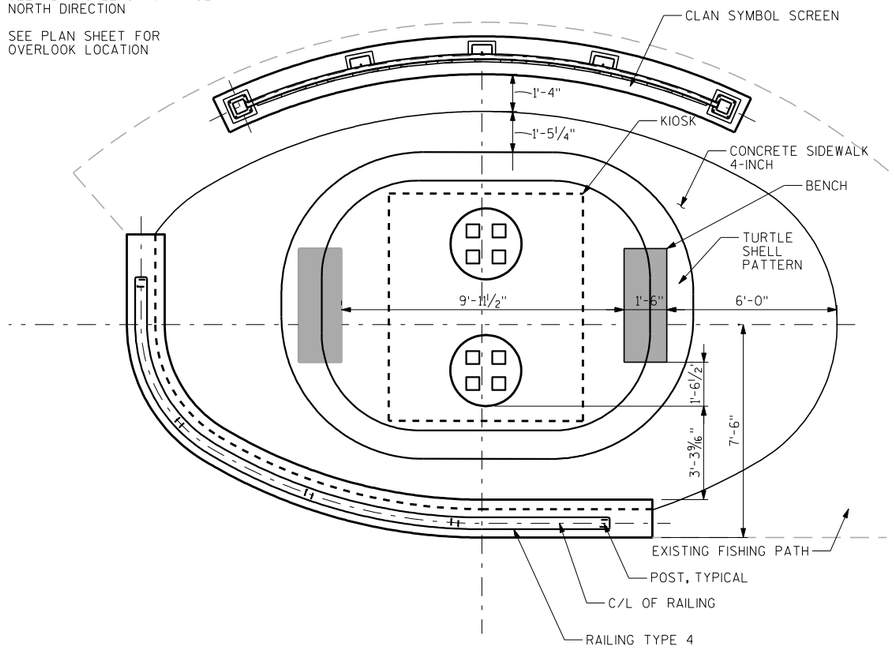
☐	LAC DU FLAMBEAU (5)
■	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

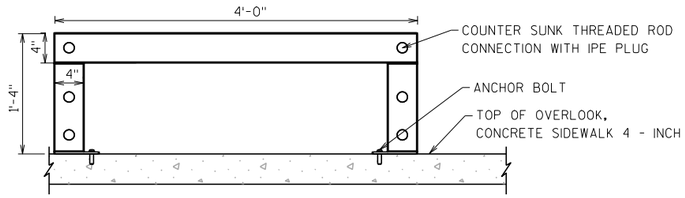
SEE PLAN SHEET FOR OVERLOOK LOCATION



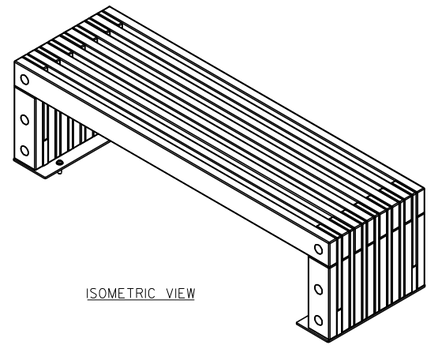
OVERLOOK SITE PLAN

PLANVIEW

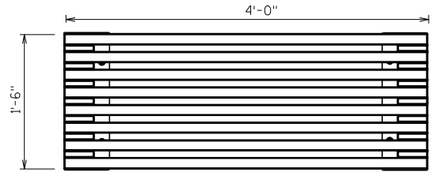
NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



FRONT ELEVATION

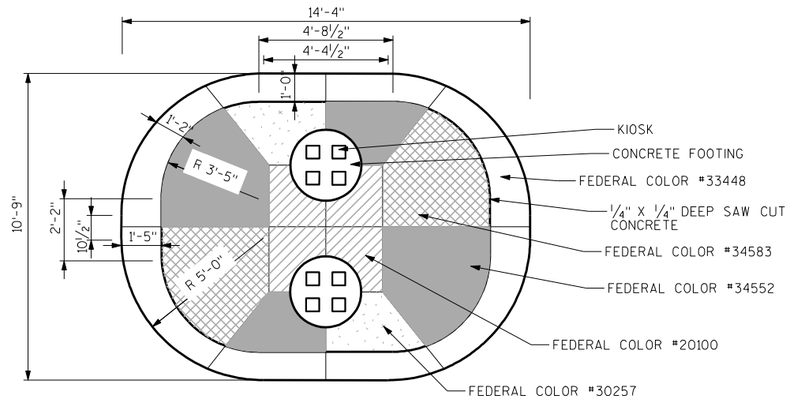


ISOMETRIC VIEW



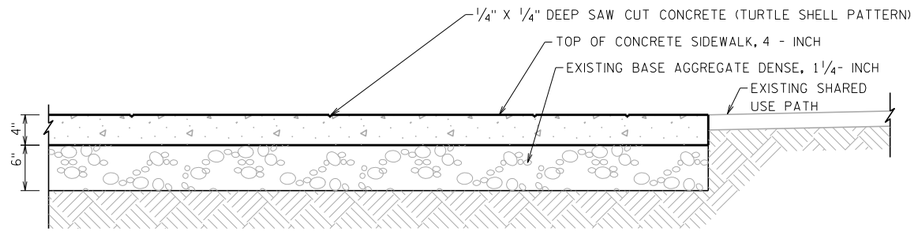
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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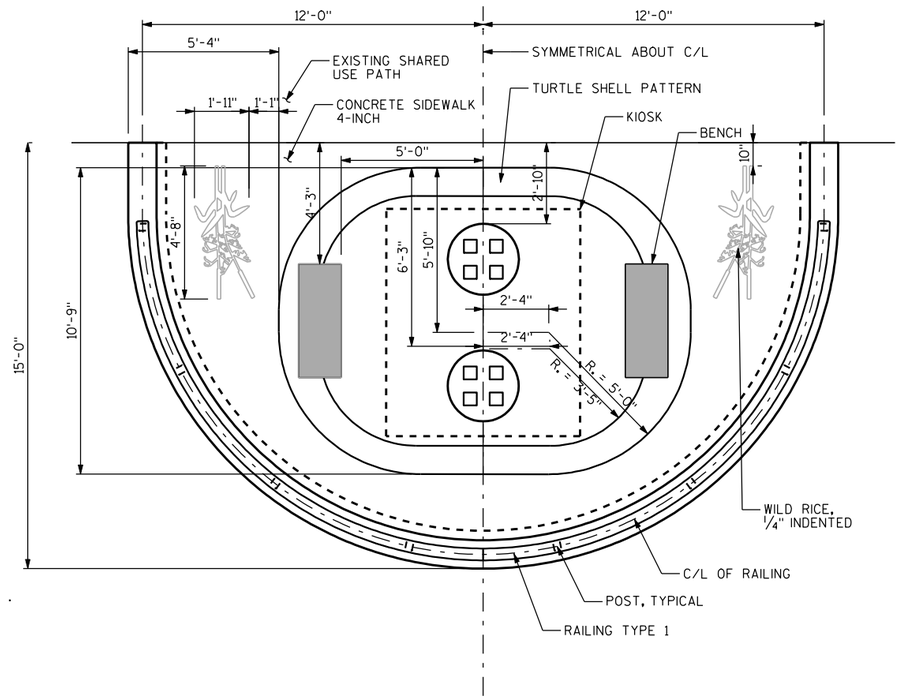
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

2

PLAN NORTH

SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

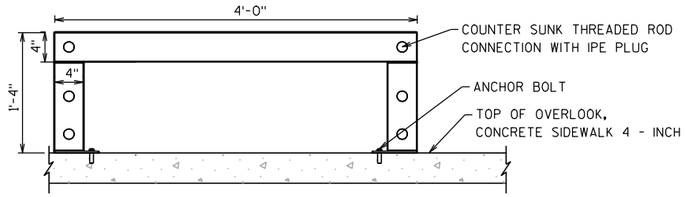
SEE PLAN SHEET FOR OVERLOOK LOCATION



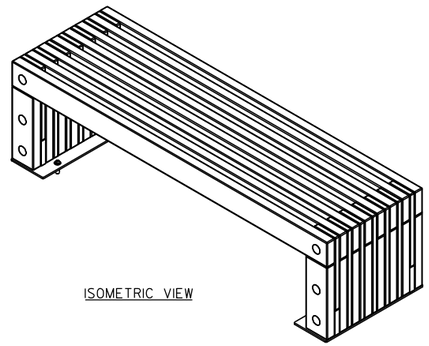
OVERLOOK SITE PLAN

PLANVIEW

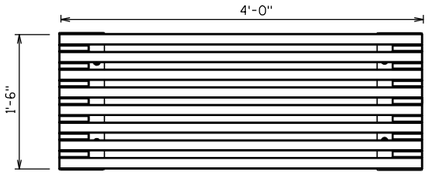
NOTE: ANCHOR BOLTS TO BE EQUAL SPACED ON BOTH SIDES OF SAW CUTS OF TURTLE PATTERN



FRONT ELEVATION

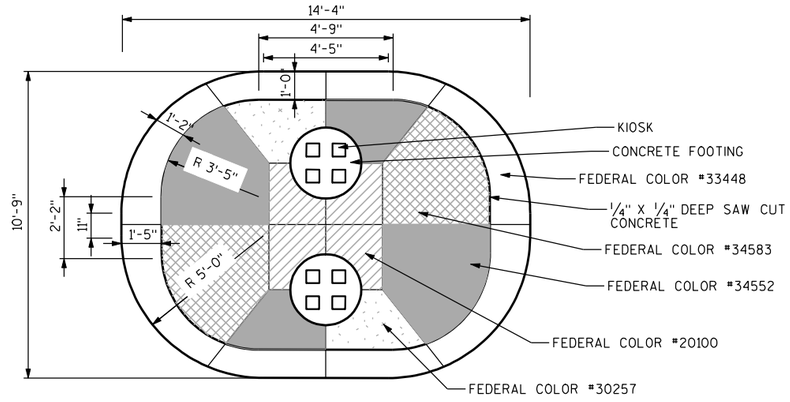


ISOMETRIC VIEW



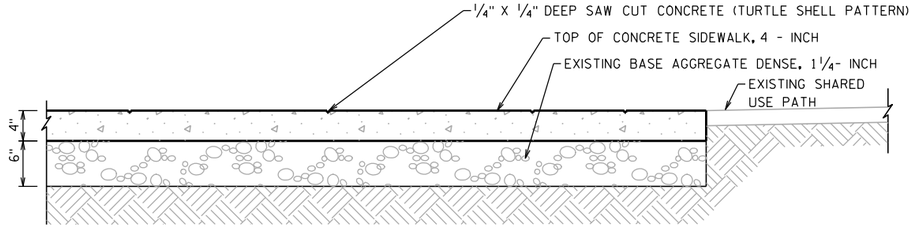
TOP ELEVATION

BENCH DETAIL



TURTLE SHELL PATTERN AND STAINING DETAIL

AT OVERLOOKS



CONCRETE SIDEWALK 4 - INCH

SECTION

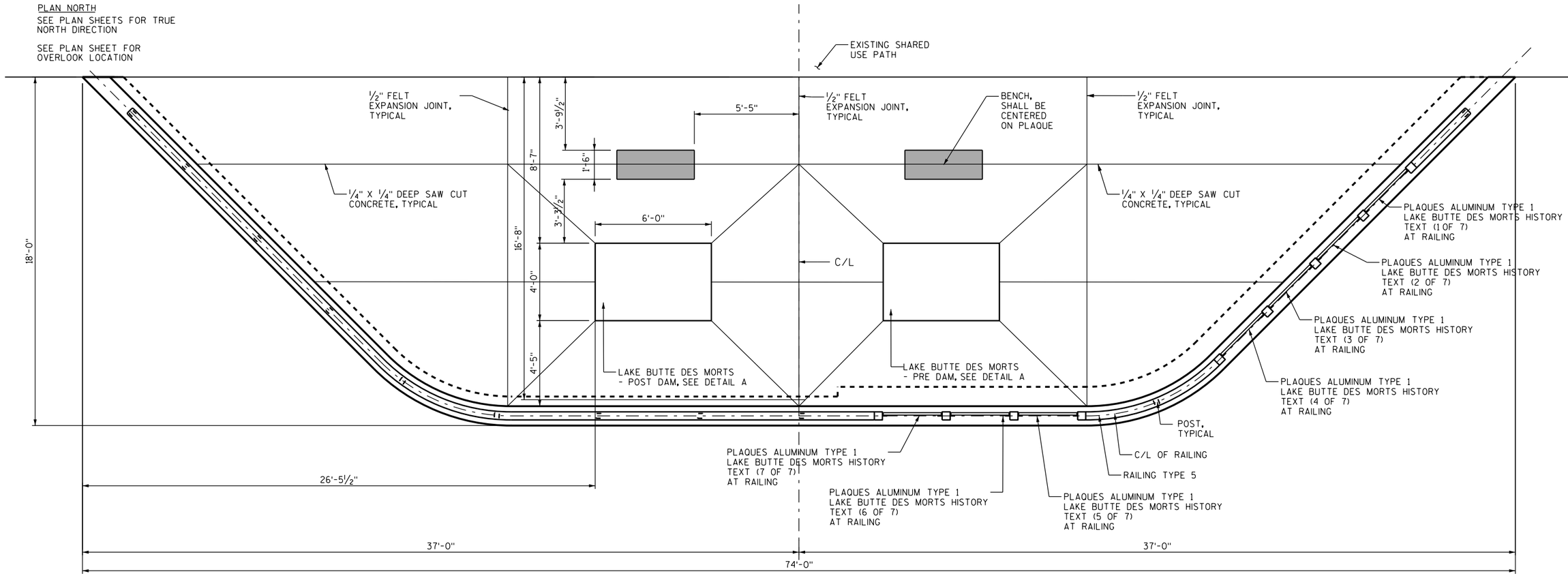
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
■	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

PLAN NORTH

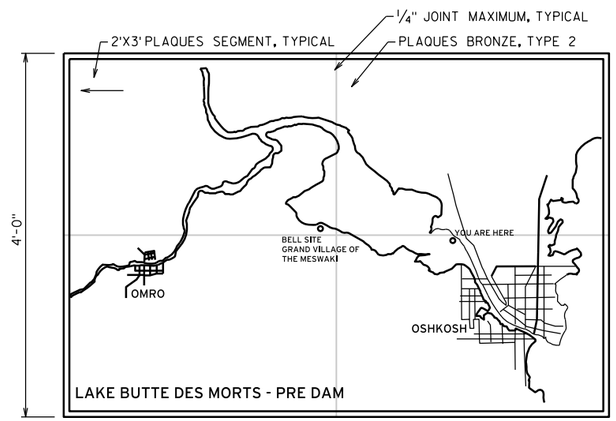
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

SEE PLAN SHEET FOR OVERLOOK LOCATION

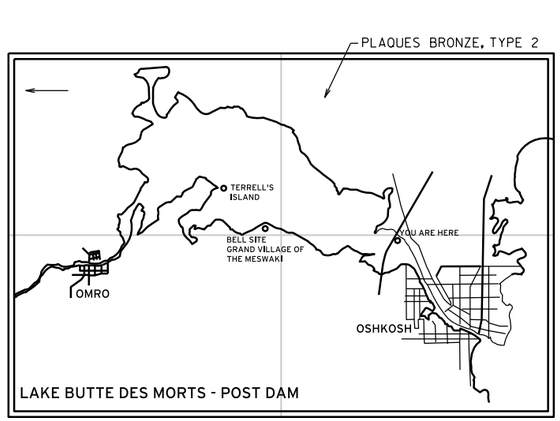


OVERLOOK SITE PLAN

PLANVIEW



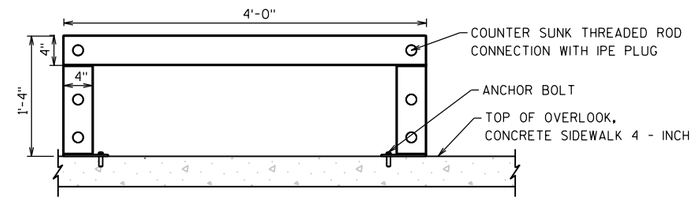
LAKE BUTTE DES MORTS - PRE DAM



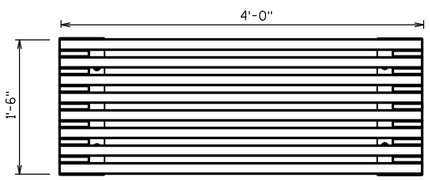
LAKE BUTTE DES MORTS - POST DAM

NOTE: PLAQUE SHALL BE INSTALLED TO READ FROM EXISTING SHARED USE PATH

DETAIL A



FRONT ELEVATION



TOP ELEVATION

BENCH DETAIL

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

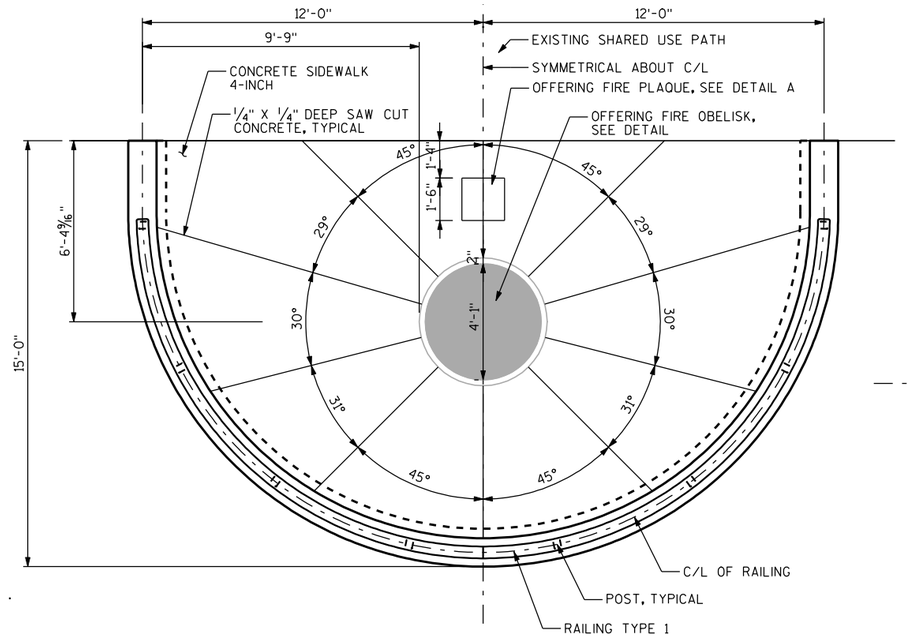
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS - OVERLOOK	SHEET 17	E

PLAN NORTH

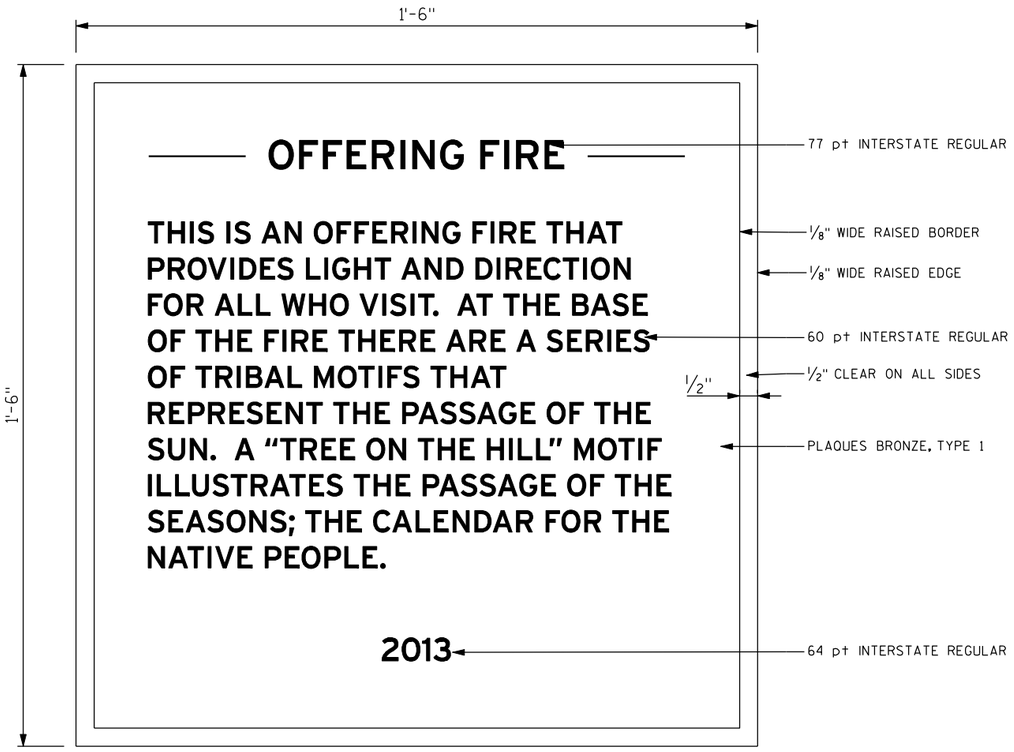
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

SEE PLAN SHEET FOR OVERLOOK LOCATION



OVERLOOK SITE PLAN

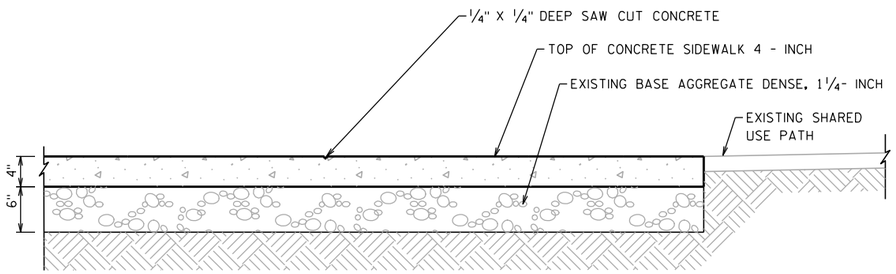
PLANVIEW



NOTE: PLAQUE SHALL BE INSTALLED TO READ FROM EXISTING SHARED USE PATH (READER STANDS FACING EAST)

DETAIL A

PLANVIEW



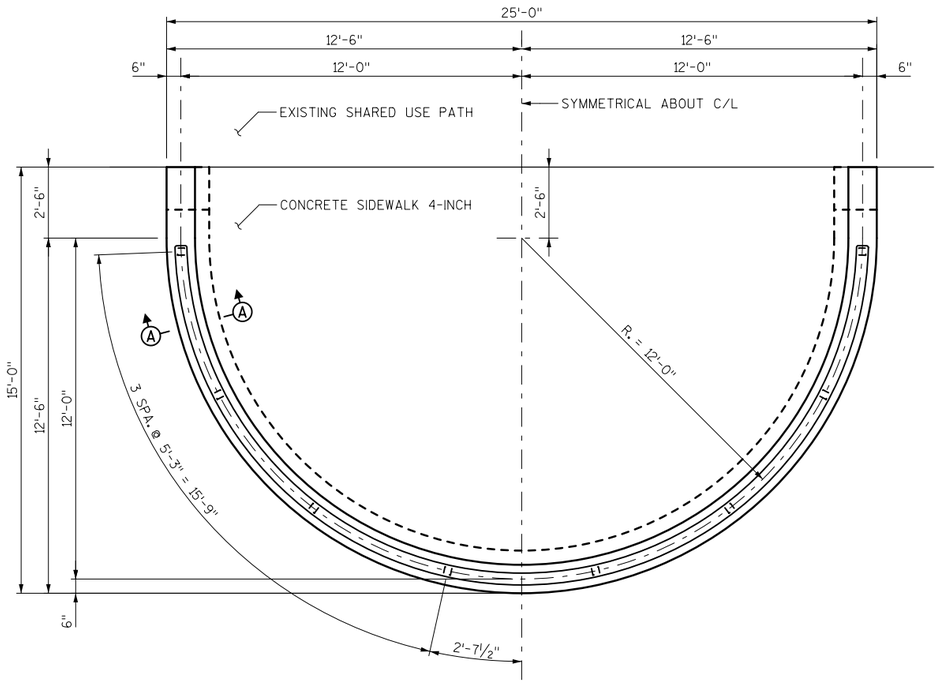
CONCRETE SIDEWALK 4 - INCH

SECTION

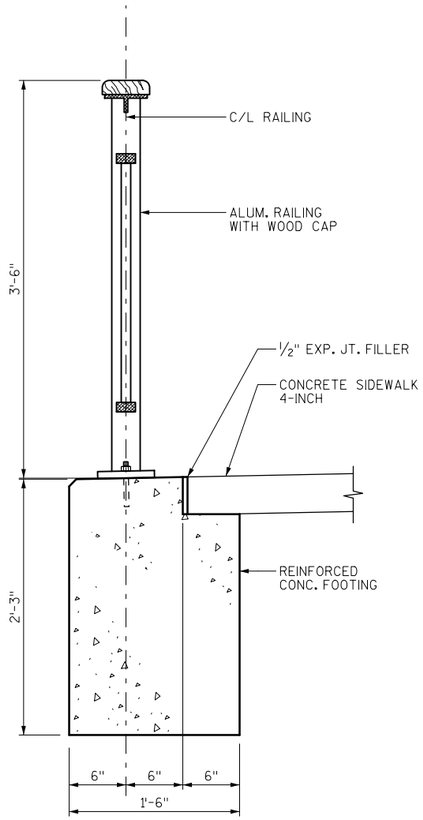
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

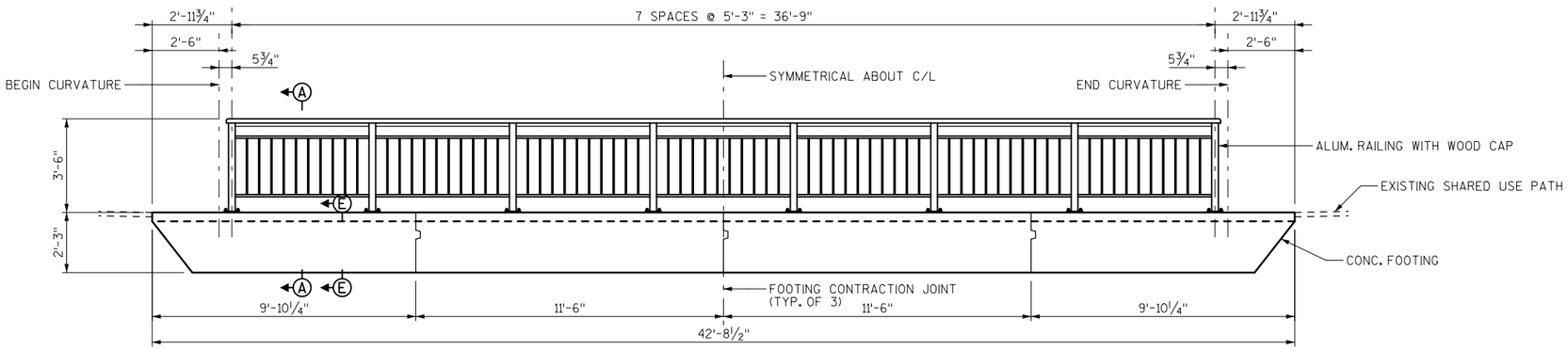
PLAN NORTH
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION



RAILING AND FOOTING PLAN



SECTION A-A
TYPICAL SECTION THRU RAILING



RAILING AND FOOTING ELEVATION
HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING

NOTES

THE BID ITEMS SHALL BE "RAILING TYPE 1" AND "CONCRETE FOOTINGS AND WALL."

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

ANY EXCAVATION REQUIRED TO CONSTRUCT THE FOOTING IS INCIDENTAL TO THE BID ITEM "CONCRETE FOOTINGS AND WALLS."

SEE PLAN SHEETS FOR OVERLOOK LOCATIONS.

THIS SHEET SHOWS THE RAILING AND FOOTING ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT EACH OVERLOOK.

FOR FOOTING SECTION E-E AND FOR CONSTRUCTION DETAILS OF CONCRETE FOOTING, SEE "OVERLOOK FOOTINGS AND WALLS" DRAWINGS.

POST SPACINGS ARE MEASURED HORIZONTALLY ALONG CENTERLINE OF RAILING.

TOP OF CONC. FOOTING ELEVATION AND SLOPE VARIES. SEE OVERLOOK PAVING DETAILS.

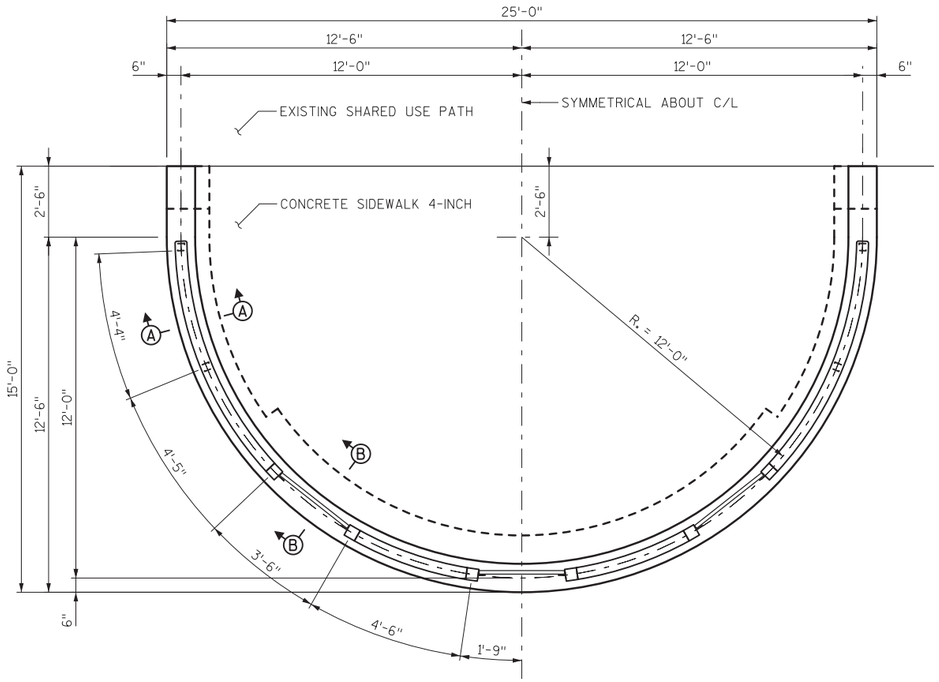
FOR CONSTRUCTION DETAILS OF METAL RAILING WITH WOOD CAP, SEE "OVERLOOK RAILING DETAILS" DRAWINGS.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

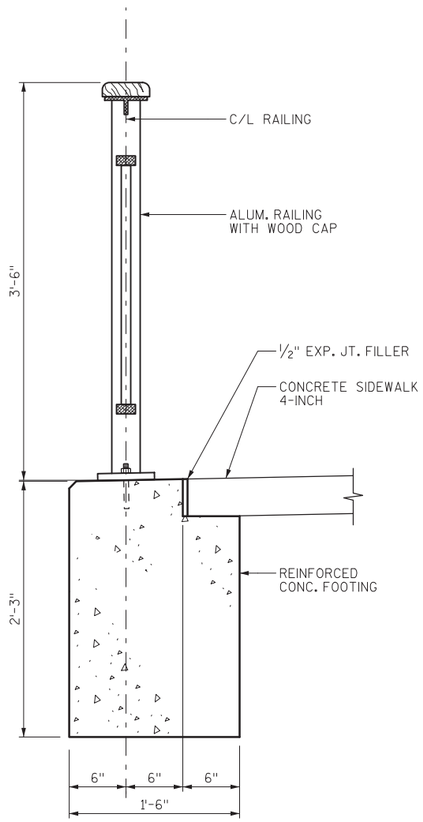
■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
□	STOCKBRIDGE MUNSEE (2)
□	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
□	HO-CHUNK (7)
■	ST. CROIX (10)
□	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 1

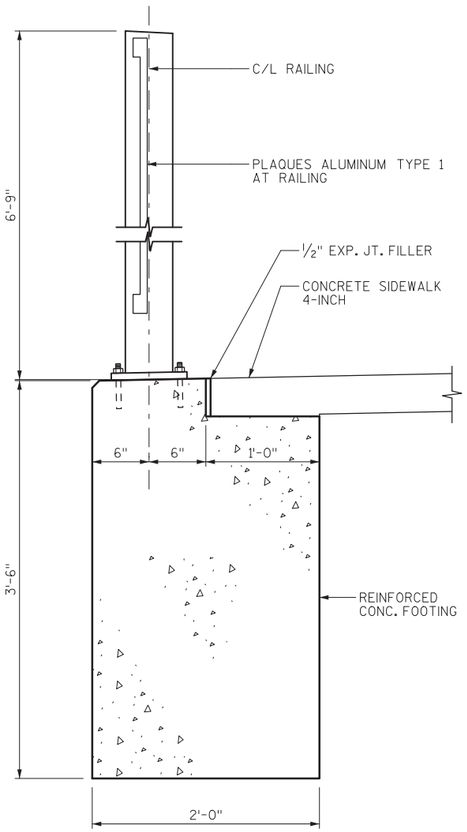
PLAN NORTH
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION



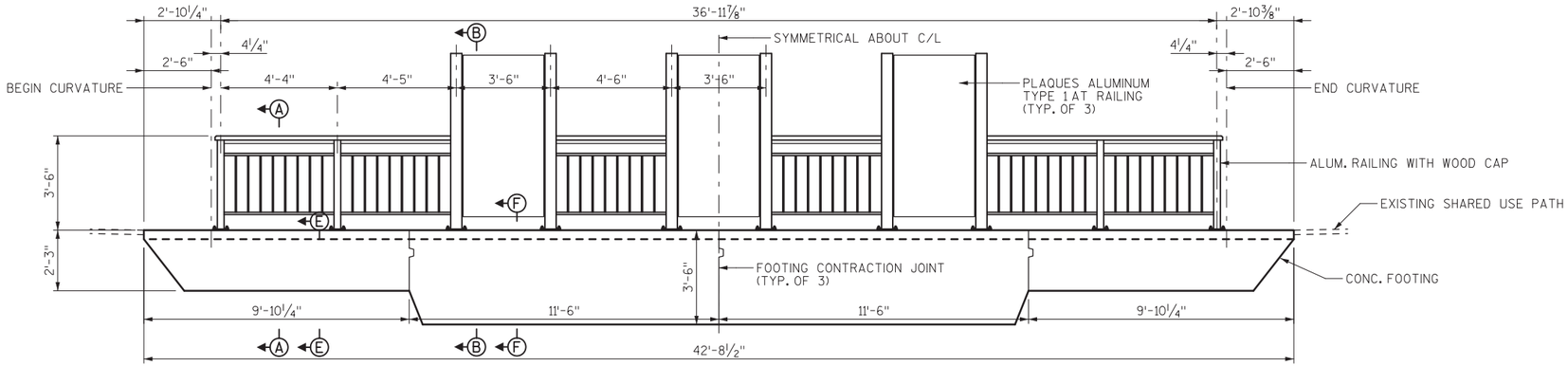
RAILING AND FOOTING PLAN



SECTION A-A
TYPICAL SECTION THRU RAILING



SECTION B-B
TYPICAL SECTION THRU PLAQUE



RAILING AND FOOTING ELEVATION
HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING

NOTES

THE BID ITEMS SHALL BE "RAILING TYPE 2," PLAQUES ALUMINUM TYPE 1" AND "CONCRETE FOOTINGS AND WALL."

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

ANY EXCAVATION REQUIRED TO CONSTRUCT THE FOOTING IS INCIDENTAL TO THE BID ITEM "CONCRETE FOOTINGS AND WALLS."

SEE PLAN SHEETS FOR OVERLOOK LOCATIONS.

THIS SHEET SHOWS THE RAILING AND FOOTING ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT EACH OVERLOOK.

FOR FOOTING SECTIONS E-E, F-F, AND FOR CONSTRUCTION DETAILS OF CONCRETE FOOTING, SEE "OVERLOOK FOOTINGS AND WALLS" DRAWINGS.

POST SPACINGS ARE MEASURED HORIZONTALLY ALONG CENTERLINE OF RAILING.

TOP OF CONC. FOOTING ELEVATION AND SLOPE VARIES. SEE OVERLOOK PAVING DETAILS.

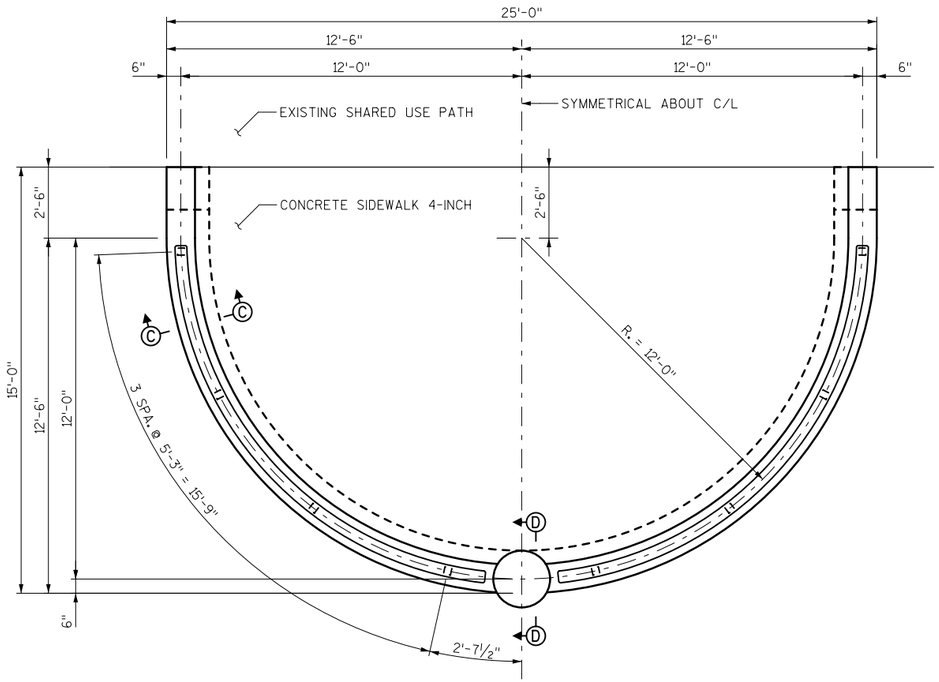
FOR CONSTRUCTION DETAILS OF METAL RAILING WITH WOOD CAP, SEE "OVERLOOK RAILING DETAILS" DRAWINGS.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

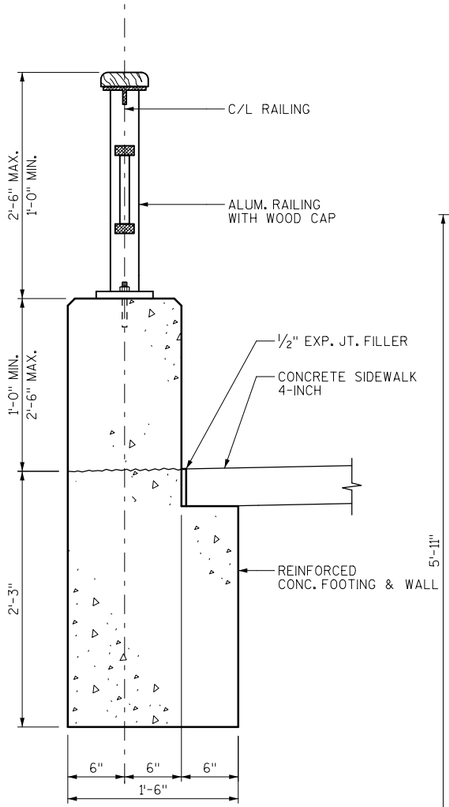
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 2

PLAN NORTH
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

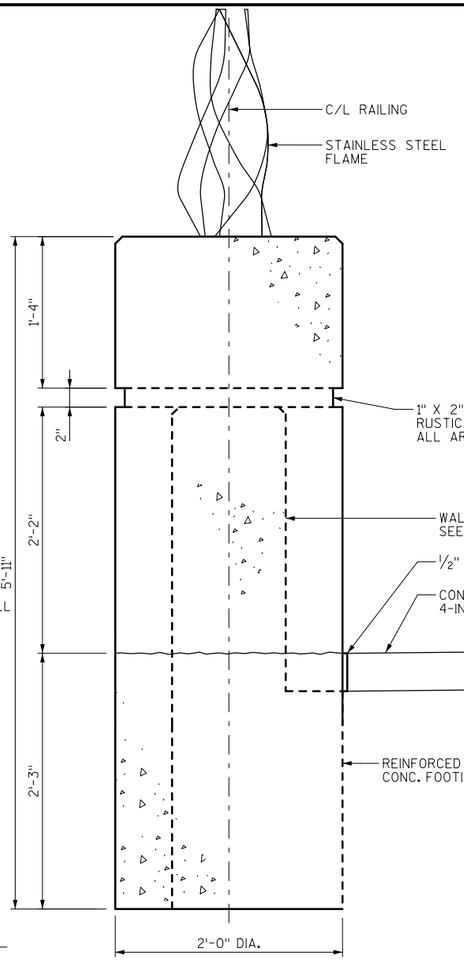


RAILING AND FOOTING PLAN



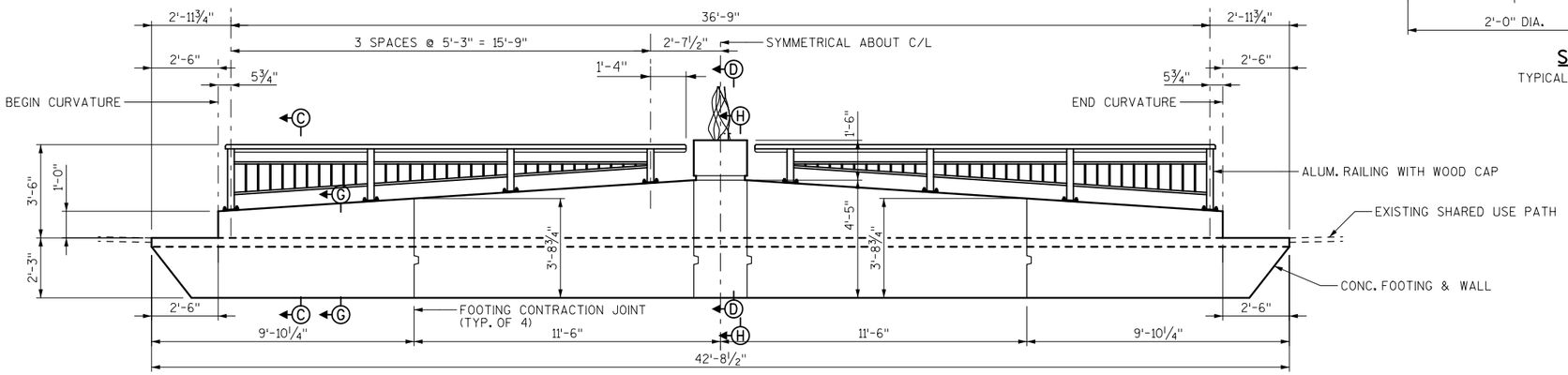
SECTION C-C

TYPICAL SECTION THRU WALL & RAILING



SECTION D-D

TYPICAL SECTION THRU FLAME



RAILING AND FOOTING ELEVATION

HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING

NOTES

THE BID ITEMS SHALL BE "RAILING TYPE 3," "FLAME TYPE 2" AND "CONCRETE FOOTINGS AND WALL."

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

ANY EXCAVATION REQUIRED TO CONSTRUCT THE FOOTING IS INCIDENTAL TO THE BID ITEM "CONCRETE FOOTINGS AND WALLS."

SEE PLAN SHEETS FOR OVERLOOK LOCATIONS.

THIS SHEET SHOWS THE RAILING AND FOOTING ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT EACH OVERLOOK.

FOR FOOTING SECTIONS G-G, H-H, AND FOR CONSTRUCTION DETAILS OF CONCRETE FOOTING, SEE "OVERLOOK FOOTINGS AND WALLS" DRAWINGS.

POST SPACINGS ARE MEASURED HORIZONTALLY ALONG CENTERLINE OF RAILING.

TOP OF CONC. FOOTING ELEVATION AND SLOPE VARIES. SEE OVERLOOK PAVING DETAILS.

FOR CONSTRUCTION DETAILS OF METAL RAILING WITH WOOD CAP, SEE "OVERLOOK RAILING DETAILS" DRAWINGS.

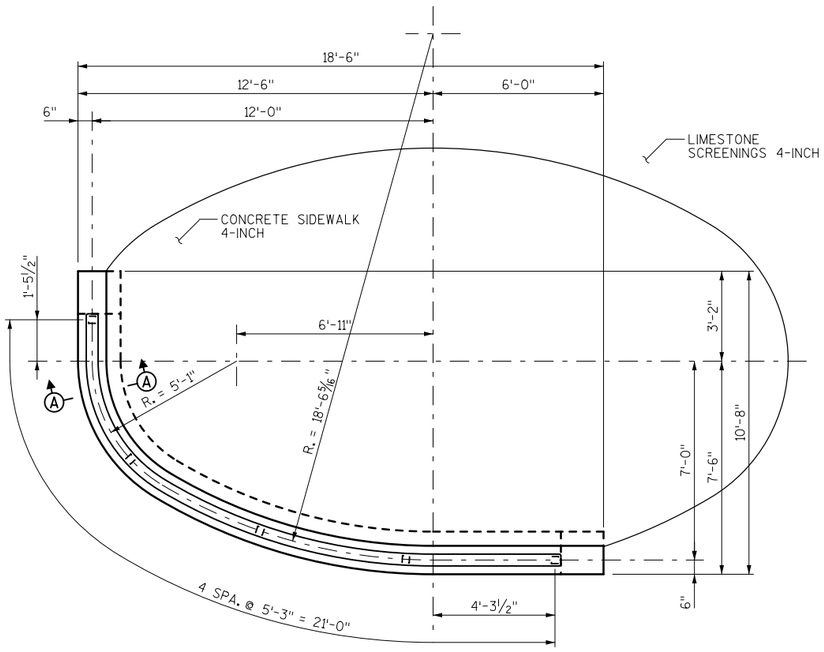
FOR STAINLESS STEEL FLAME AND MOUNTING DETAILS, SEE "OVERLOOK FLAME" DRAWING.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

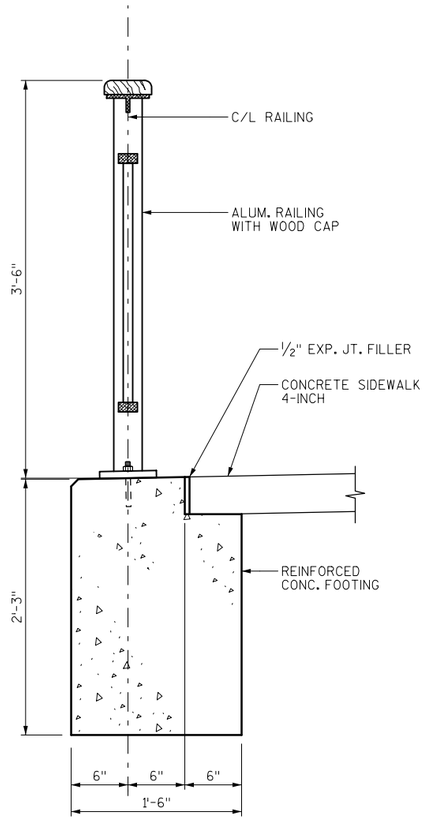
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 3

PLAN NORTH
SEE PLAN SHEETS FOR TRUE NORTH DIRECTION

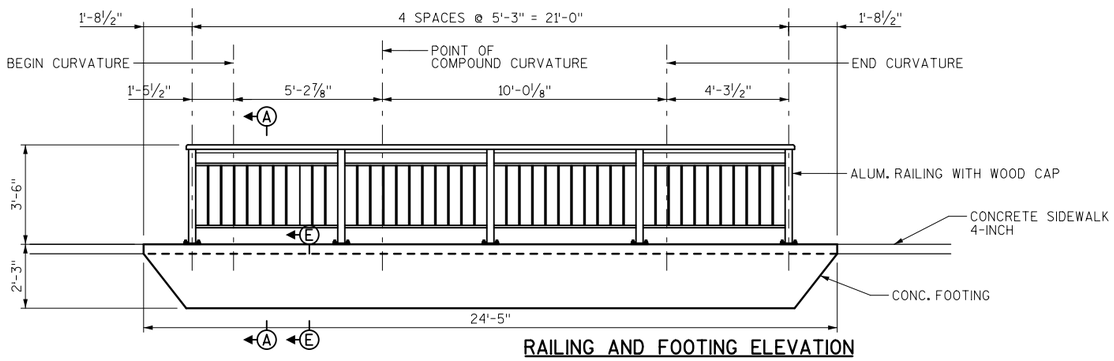


RAILING AND FOOTING PLAN



SECTION A-A

TYPICAL SECTION THRU RAILING



RAILING AND FOOTING ELEVATION

HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING

NOTES

THE BID ITEMS SHALL BE "RAILING TYPE 4" AND "CONCRETE FOOTINGS AND WALL."

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

ANY EXCAVATION REQUIRED TO CONSTRUCT THE FOOTING IS INCIDENTAL TO THE BID ITEM "CONCRETE FOOTINGS AND WALLS."

SEE PLAN SHEETS FOR OVERLOOK LOCATIONS.

THIS SHEET SHOWS THE RAILING AND FOOTING ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT EACH OVERLOOK.

FOR FOOTING SECTION E-E AND FOR CONSTRUCTION DETAILS OF CONCRETE FOOTING, SEE "OVERLOOK FOOTINGS AND WALLS" DRAWINGS.

POST SPACINGS ARE MEASURED HORIZONTALLY ALONG CENTERLINE OF RAILING.

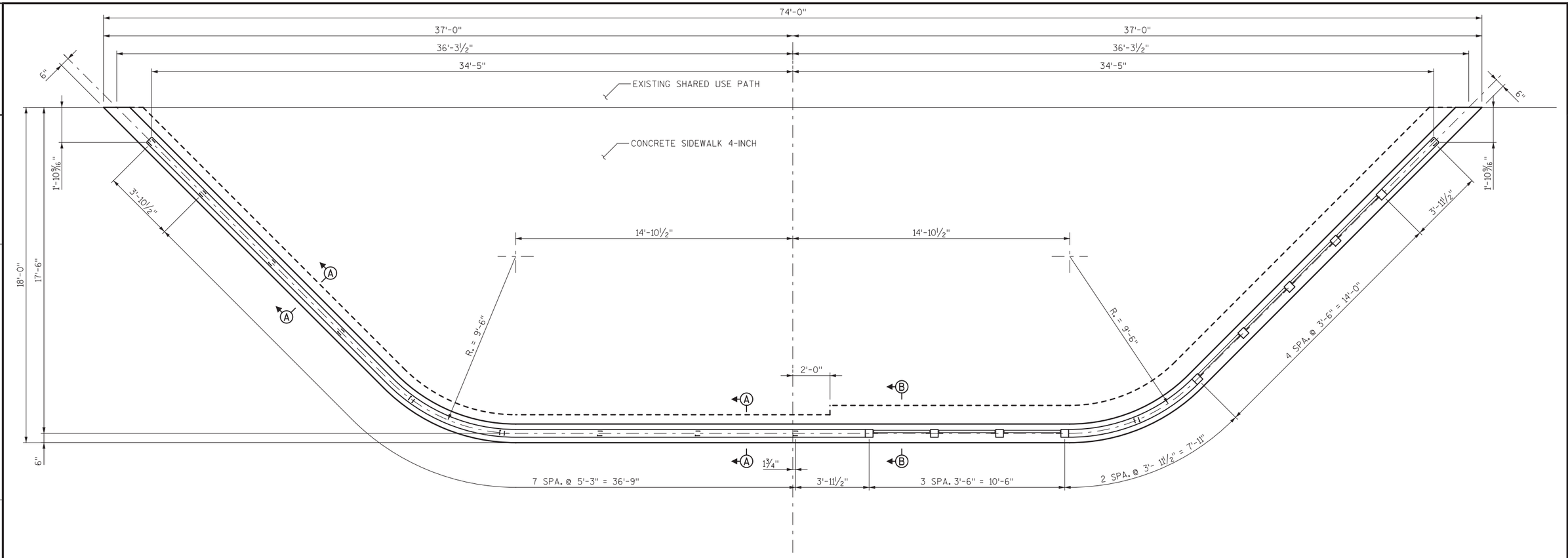
TOP OF CONC. FOOTING ELEVATION AND SLOPE VARIES. SEE OVERLOOK PAVING DETAILS.

FOR CONSTRUCTION DETAILS OF METAL RAILING WITH WOOD CAP, SEE "OVERLOOK RAILING DETAILS" DRAWINGS.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 4



RAILING AND FOOTING PLAN

NOTES

THE BID ITEMS SHALL BE "RAILING TYPE 5," "PLAQUES ALUMINUM TYPE 1" AND "CONCRETE FOOTINGS AND WALL."

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

ANY EXCAVATION REQUIRED TO CONSTRUCT THE FOOTING IS INCIDENTAL TO THE BID ITEM "CONCRETE FOOTINGS AND WALLS."

SEE PLAN SHEETS FOR OVERLOOK LOCATIONS.

THIS SHEET SHOWS THE RAILING AND FOOTING ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT EACH OVERLOOK.

FOR FOOTING SECTIONS E-E, F-F, AND FOR CONSTRUCTION DETAILS OF CONCRETE FOOTING, SEE "OVERLOOK FOOTINGS AND WALLS" DRAWINGS.

POST SPACINGS ARE MEASURED HORIZONTALLY ALONG CENTERLINE OF RAILING.

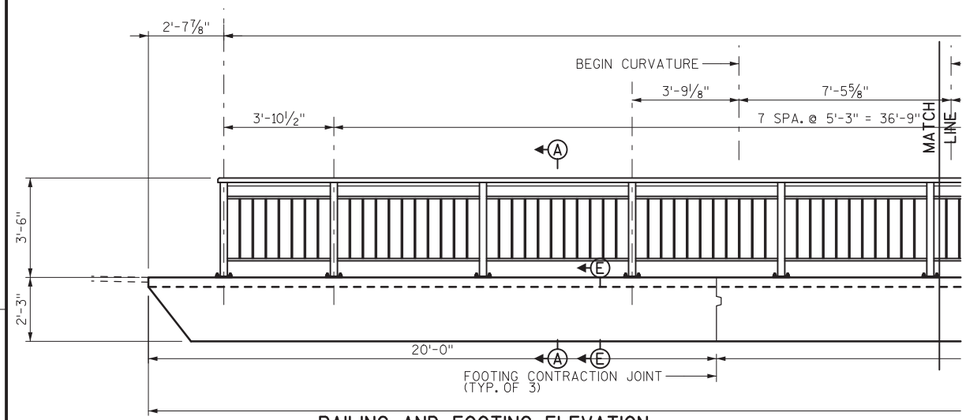
TOP OF CONC. FOOTING ELEVATION AND SLOPE VARIES. SEE OVERLOOK PAVING DETAILS.

FOR CONSTRUCTION DETAILS OF METAL RAILING WITH WOOD CAP, SEE "OVERLOOK RAILING DETAILS" DRAWINGS.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

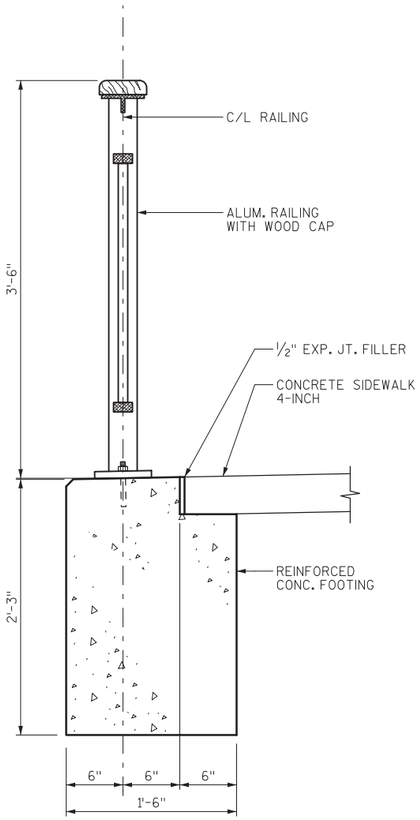
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 5 (1 OF 2)



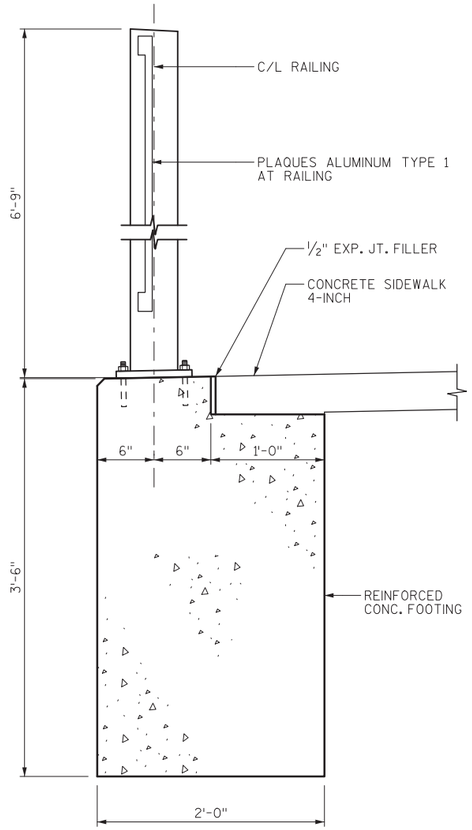
RAILING AND FOOTING ELEVATION

HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING



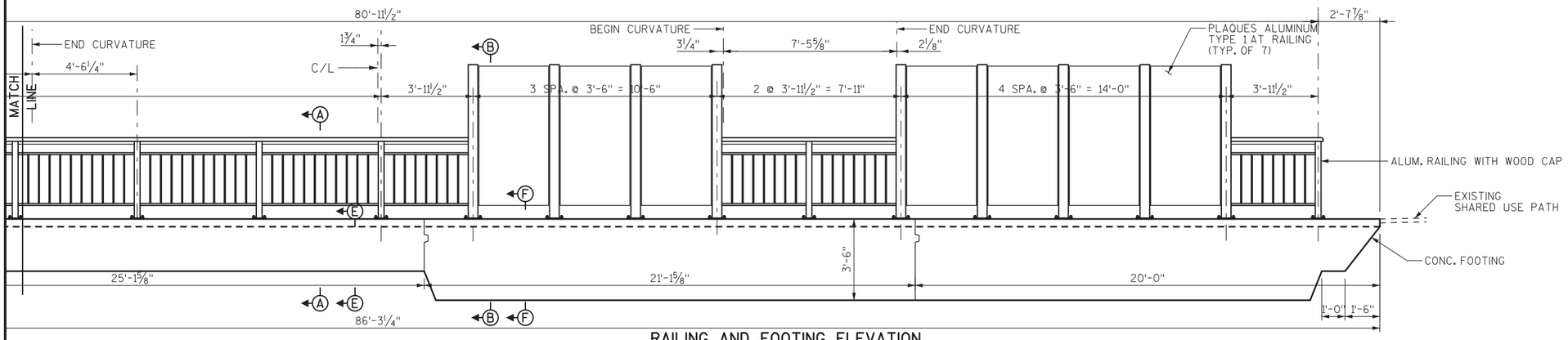
SECTION A-A

TYPICAL SECTION THRU RAILING



SECTION B-B

TYPICAL SECTION THRU PLAQUE



RAILING AND FOOTING ELEVATION

HORIZONTAL DIMENSIONS ARE MEASURED ALONG C/L RAILING

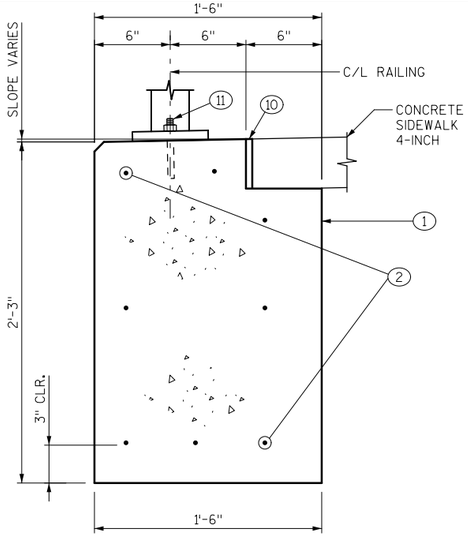
NOTES

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

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

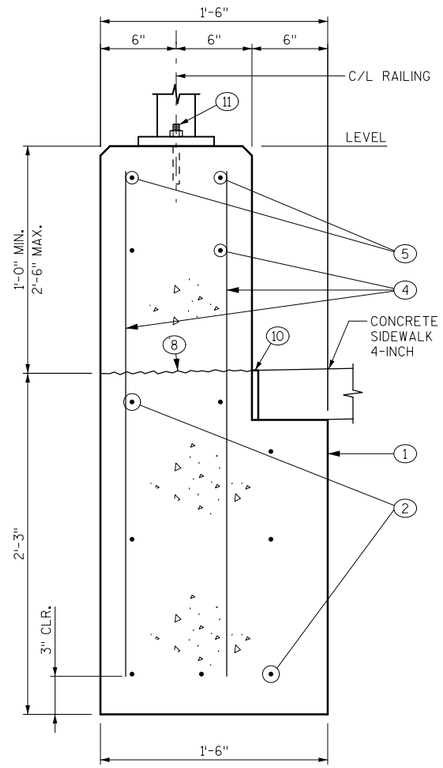
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK RAILING TYPE 5 (2 OF 2)



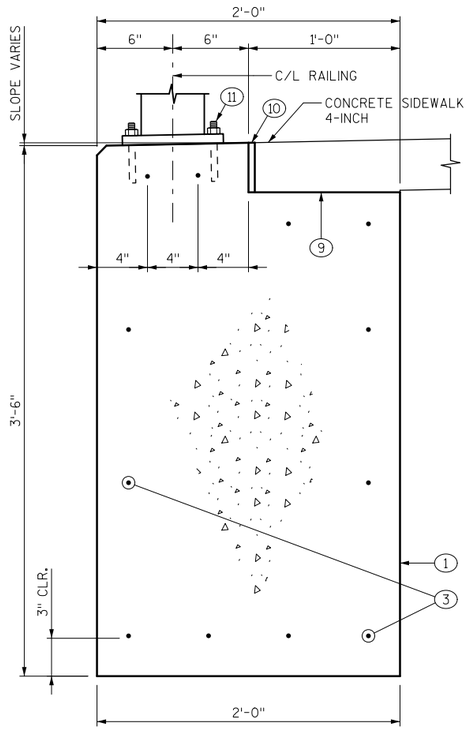
FOOTING SECTION E-E

OVERLOOK RAILINGS TYPES 1, 2, 4 & 5



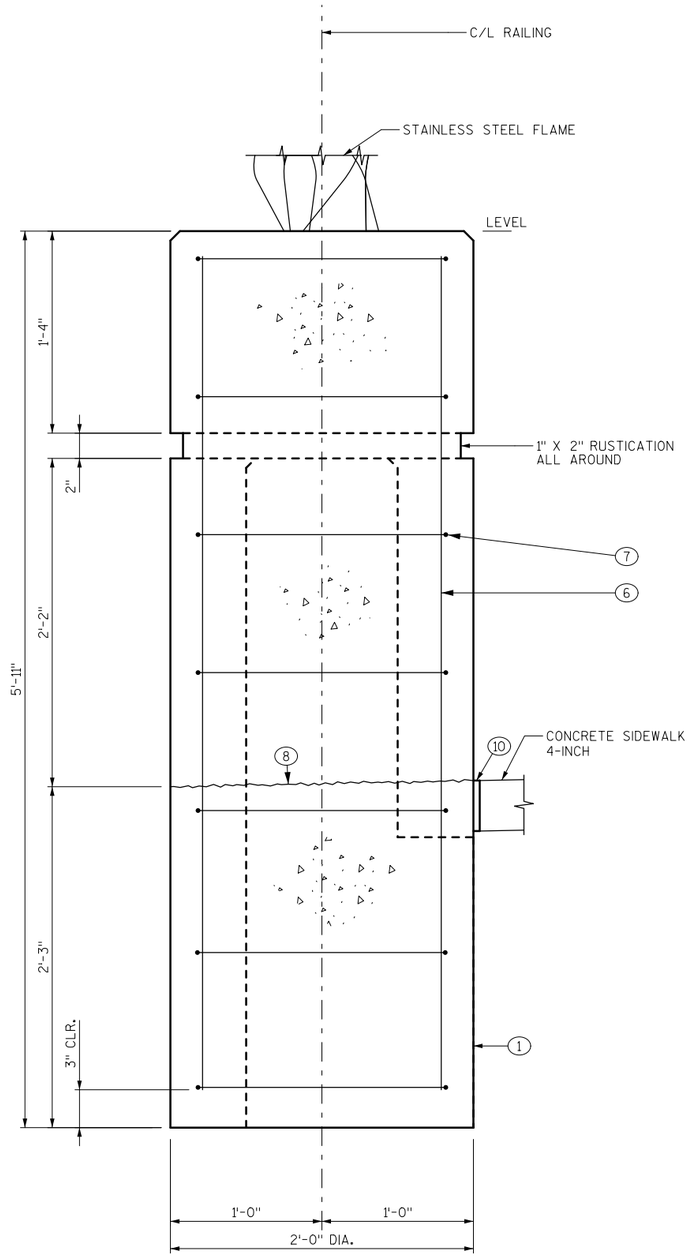
FOOTING SECTION G-G

OVERLOOK RAILING TYPE 3



FOOTING SECTION F-F

OVERLOOK RAILINGS TYPES 2 & 5



FOOTING SECTION H-H

OVERLOOK RAILING TYPE 3

NOTES

THE BID ITEM SHALL BE "CONCRETE FOOTINGS AND WALL."

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

SEE PLANS AND ELEVATIONS OF RAILING TYPES FOR SECTION CUT LOCATIONS.

THE TOP OF CONC. FOOTING ELEVATION VARIES. SEE OVERLOOK PAVING DETAIL SHEETS FOR ELEVATIONS AND SLOPES.

REINFORCEMENT SHALL BE AASHTO M 31 GRADE 60 OR ASTM A 615 GRADE 60.

LEGEND

(1) REINFORCED CONCRETE FOOTING WITH GRADE A, A-FA, A-S, A-T, A-IS OR A-IP CONCRETE.

(2) (8) - #5 REINFORCEMENT.

(3) (12) - #8 REINFORCEMENT. PLACE TOP BARS TO MISS RAILING WEDGE ANCHORS.

(4) #5 @ 12" EACH WAY EACH FACE REINFORCEMENT.

(5) #5 EACH FACE REINFORCEMENT AT TOP OF WALL.

(6) (8) - #5 X 5'-5" VERT. REINFORCEMENT.

(7) (7) - #4 HOOPS AT 12". LAP HOOPS 1'-0".

(8) OPTIONAL CONSTRUCTION JOINT. ROUGHEN CONC. TO 1/4" MIN. AMPLITUDE.

(9) SMOOTH FINISH AND POLYETHYLENE BOND BREAKER.

(10) 1/2" EXPANSION JOINT FILLER.

(11) RAILING BASE PLATE WITH TYPE S MASONRY ANCHORS.

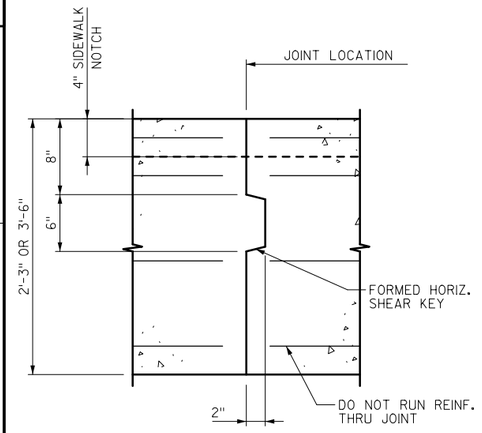
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

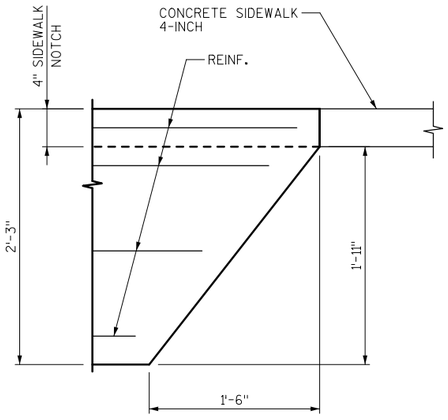
OVERLOOK FOOTINGS AND WALLS (1 OF 2)

NOTES

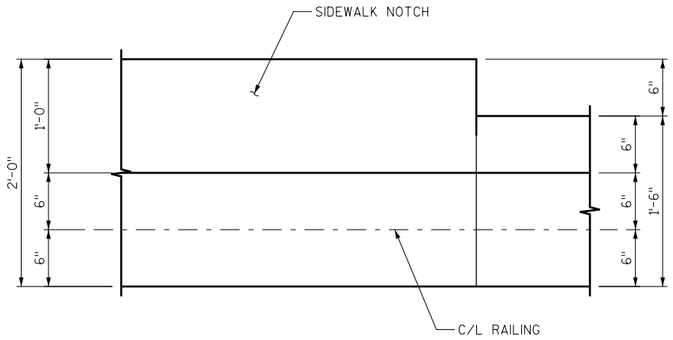
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.



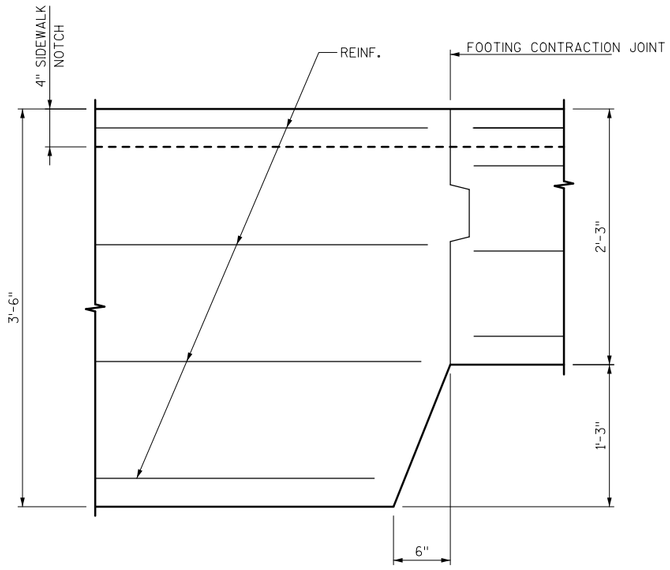
FOOTING CONTRACTION JOINT
OVERLOOK RAILINGS TYPE 1, 2 & 5



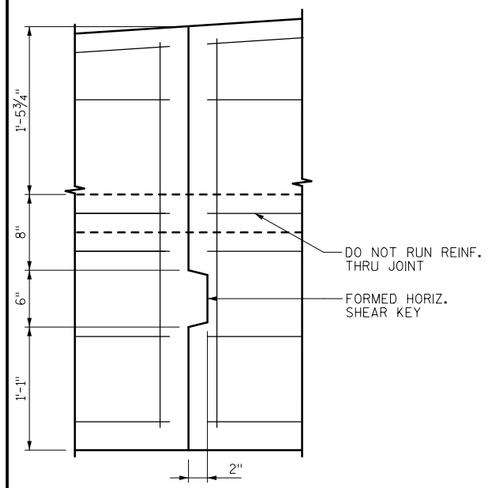
FOOTING TERMINATION
OVERLOOK RAILINGS TYPE 1, 2 3, 4 & 5



PLAN



ELEVATION



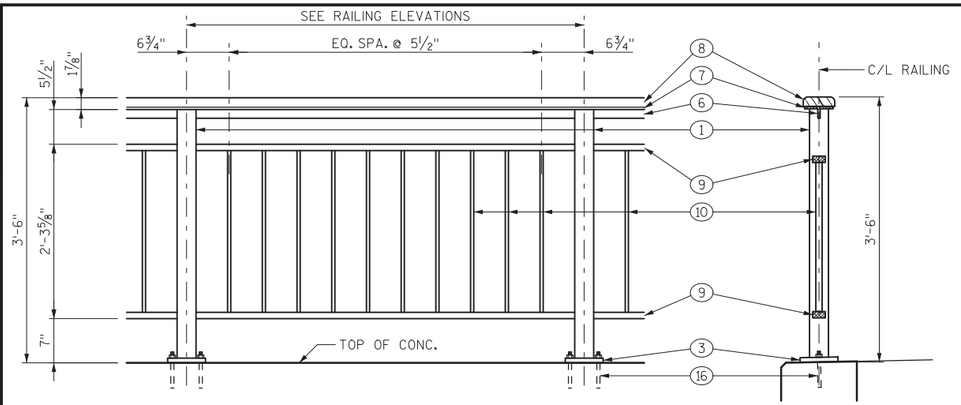
FOOTING CONTRACTION JOINT
OVERLOOK RAILING TYPE 3

STEPPED FOOTING
OVERLOOK RAILINGS TYPE 2 & 5

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

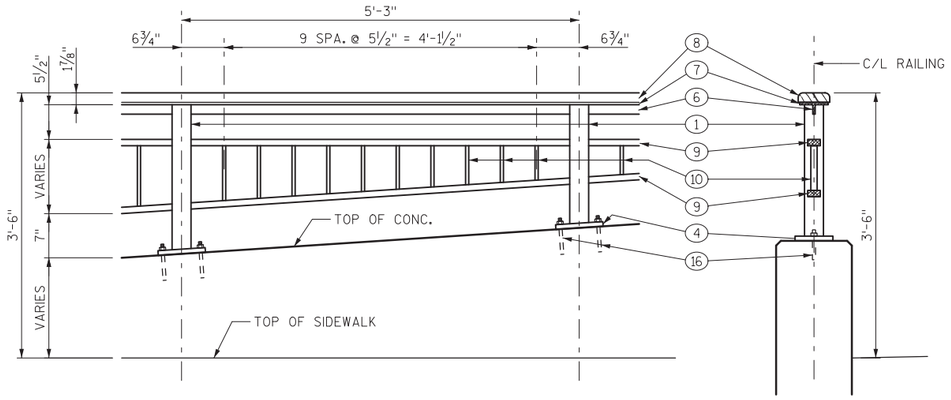
■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

OVERLOOK FOOTINGS AND WALLS (2 OF 2)



TYPICAL RAILING PANEL ELEVATION AND SECTION

OVERLOOK RAILING TYPES 1, 2, 4 & 5



TYPICAL RAILING PANEL ELEVATION AND SECTION

OVERLOOK RAILING TYPE 3

LEGEND

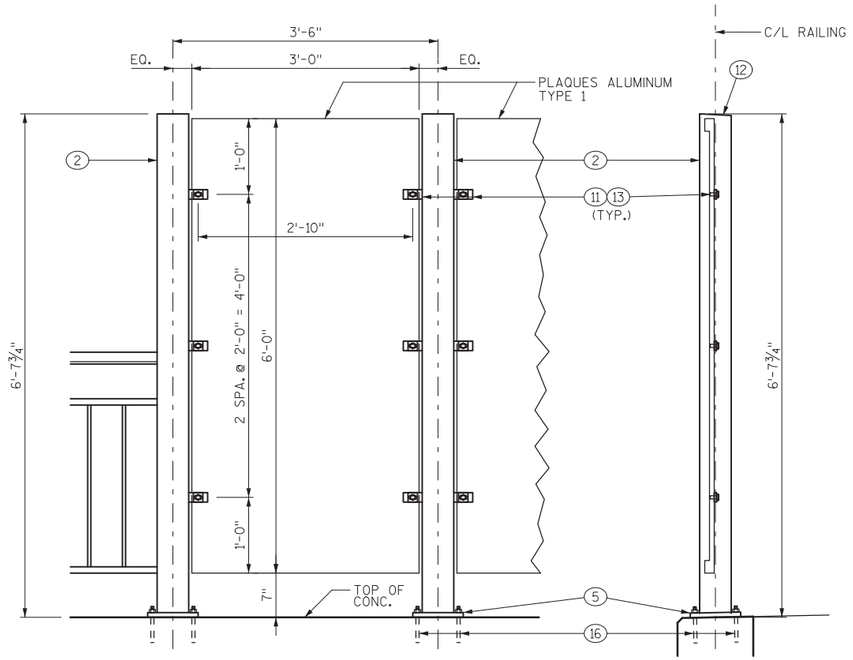
1. POST - SQUARE TUBE 3" X 3" X ¼" ALUM.
2. POST - SQUARE TUBE 5" X 5" X ¼" ALUM.
3. BASE - PLATE ¾" X 6½" X 6½" ALUM. WITH ⅜" DIA. HOLES FOR NO. 16.
4. BASE - PLATE ¾" X 7½" X 4" ALUM. WITH ⅜" DIA. HOLES FOR NO. 16.
5. BASE - PLATE ¾" X 8" X 8" ALUM. WITH ⅜" DIA. HOLES FOR NO. 16.
6. TOP RAIL - PLATE ⅜" X 1½" ALUM.
7. TOP RAIL - PLATE ⅜" X 4½" ALUM.
8. TOP RAIL - REDWOOD 1½" X 5". CURVED RAILING SECTIONS MAY BE FABRICATED FROM MULTIPLE LAMINATIONS BONDED WITH EPOXY GLUE.
9. INTERMEDIATE RAIL - PLATE 1" X 2" ALUM.
10. BALUSTER - PLATE ½" X 1" ALUM.
11. FLANGE - PLATE ⅜" X 1½" X 0'-3" ALUM. WITH ⅜" x 1¼" SLOTTED HOLE FOR MOUNTING 3'X 6' PLAQUE ALUMNIMUM WITH NO. 13.
12. POST TOP PLATE - ⅛" ALUM. WELD TO NO. 2.
13. MOUNTING BOLTS - ½" DIA. STAINLESS STEEL TAPPED INTO BACK SIDE OF PLAQUE WITH STAINLESS STEEL DECORATIVE NUT CAP.
14. ⅛" X 1½" SQ. STAINLESS STEEL PLATE WASHER.
15. ¼" DIA. X 1¼" STAINLESS STEEL LAG SCREW AT STAGGERED SPACING, 16" MAX. PITCH.
16. MASONRY ANCHOR TYPE S, ½" DIA. STAINLESS STEEL HAVING A MIN. PULLOUT CAPACITY OF 8.6 KIPS. EMBED A MIN. OF 4" IN CONC.

AT FIELD ERECTION JOINT:

17. PLATE ⅜" X 1¼" X 3½" ALUM. EACH SIDE OF NO. 6 AT FIELD ERECTION JOINT.
18. PLATE ⅜" X 1¼" X 3" ALUM. EACH SIDE OF NO. 9 AT FIELD ERECTION JOINT.
19. 1/16" THICK NYLON WASHER EACH SIDE OF NO. 6 AND NO. 9.
20. ½" DIA. STAINLESS STEEL BOLT WITH LOCKING WASHER AND NUT. PROVIDE ⅜" X 1¼" LONG SLOTTED HOLE IN NO. 6 AND NO. 9, STANDARD HOLES IN NO. 17 AND NO. 18.

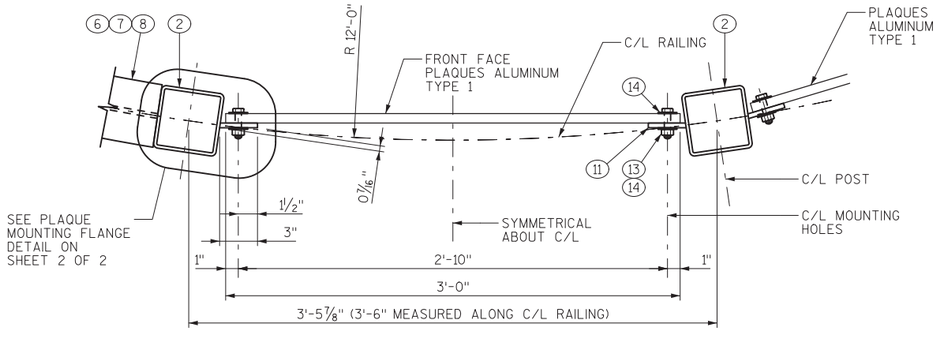
POST SHIMS:

21. PLATE 1/16" X 2¼" X 6½" ALUM. AT HANDRAIL POSTS.
22. PLATE 1/16" X 3¼" X 4½" ALUM. AT HANDRAIL POSTS.
23. PLATE 1/16" X 2" X 7½" ALUM. AT HANDRAIL POSTS.
24. PLATE 1/16" X 3¾" X 4" ALUM. AT HANDRAIL POSTS.
25. PLATE 1/16" X 4" X 8" ALUM. AT PLAQUE POSTS. 2 REQ'D PER POST.



TYPICAL PLAQUE PANEL ELEVATION AND SECTION

OVERLOOK RAILING TYPES 2 & 5



TYPICAL PLAQUE PANEL PLAN

ALONG CURVED C/L RAILING

OVERLOOK RAILING DETAILS (1 OF 3)

NOTES

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

THE RAILINGS SHOWN ON THIS SHEET DEPICT TYPICAL RAILING PANELS. SEE THE PLAN AND ELEVATION OF EACH RAILING FOR THE SPECIFIC LAYOUT OF EACH RAILING TYPE.

FOR TYPICAL CONNECTION DETAILS, SEE SHEET 2 OF 2.

CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.

¼" DIA. VENT HOLES LOCATED IN TOP RAIL OVER RAIL POSTS AND AT LOW END OF OTHER RAILS.

FABRICATE RAILING IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.

USE ALUMINUM SHIMS UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT.

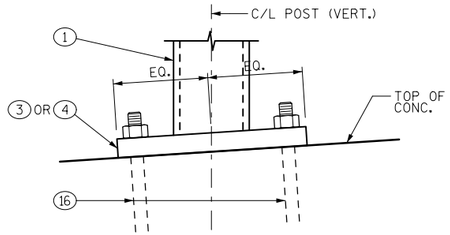
FILL BOLT SLOT OPENINGS IN SHIMS AND BASE PLATES AND CAULK AROUND PERIMETER OF BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

AFTER FABRICATION, ALL RAILING MATERIAL, EXCEPT MASONRY ANCHORS, SHALL BE ANODIZED USING AN ELECTROLYTIC PROCESS. COLOR OF ANODIZING SHALL BE BLACK.

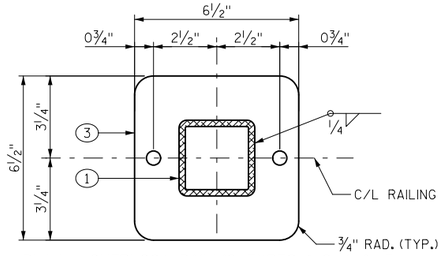
TOUCH-UP OF THE FINISH COATING TO BE DONE AT COMPLETION OF RAILING INSTALLATION TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

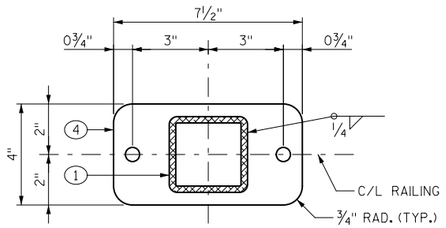
■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



ELEVATION - TYPICAL POST BASE PLATE



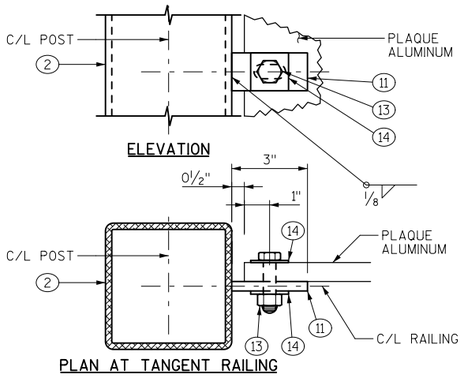
PLAN - OVERLOOK RAILING TYPES 1, 2, 4, & 5

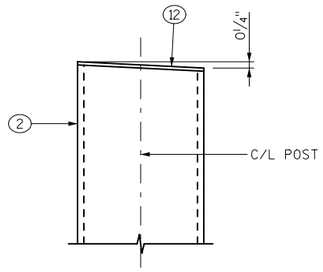


PLAN - OVERLOOK RAILING TYPE 3

RAILING POST BASE PLATES

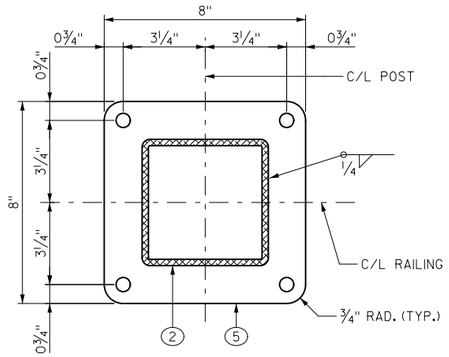
RAILING TYPES AS NOTED





TOP PLATE FOR PLAQUE POST

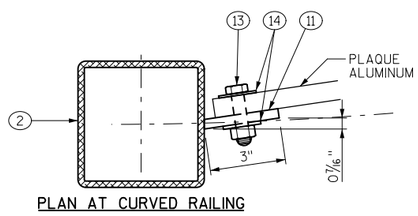
RAILING TYPES 2 & 5



PLAN - OVERLOOK RAILING TYPES 2 & 5

PLAQUE POST BASE PLATES

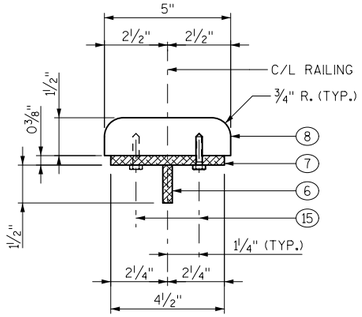
RAILING TYPES 2 & 5



PLAN AT CURVED RAILING

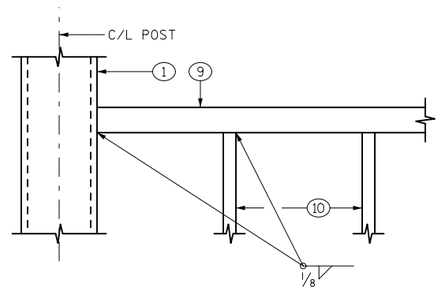
PLAQUE MOUNTING FLANGE

RAILING TYPES 2 & 5



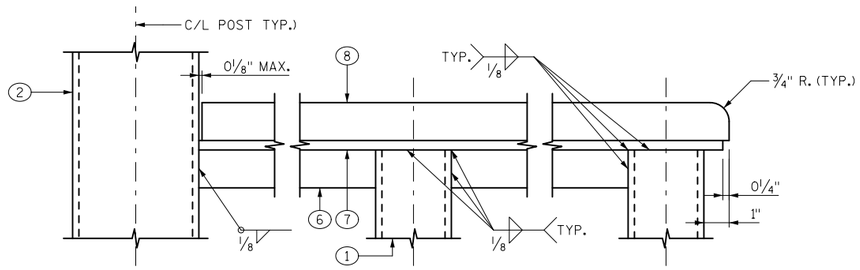
TOP RAIL DETAIL

RAILING TYPES 1, 2, 3, 4 & 5



INTERMEDIATE RAIL CONNECTIONS

RAILING TYPES 1, 2, 4, & 5 SHOWN; TYPE 3 IS SIMILAR

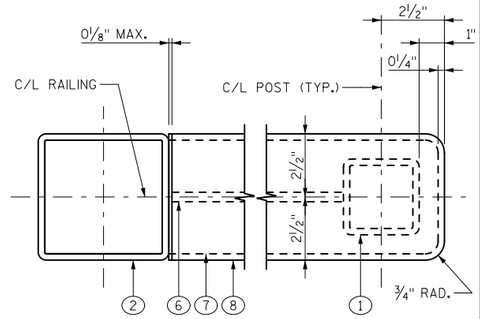


AT PLAQUE POST AT INTERIOR POST AT END POST

NOTES

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

FOR ADDITIONAL NOTES AND LEGEND OF MATERAILS, SEE SHEET 1 OF 2.



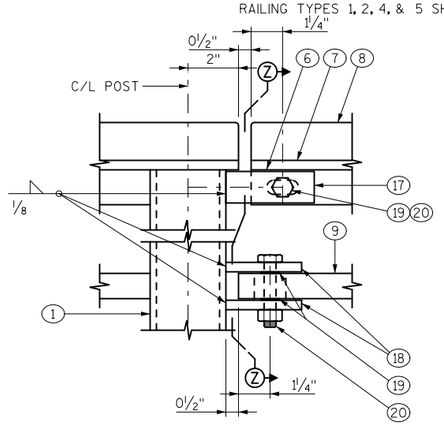
AT PLAQUE POST AT END POST

TOP RAIL TERMINATION

RAILING TYPES 1, 2, 3, 4, & 5

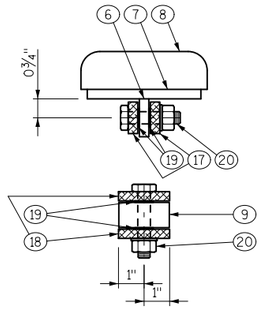
TOP RAIL CONNECTIONS

RAILING TYPES 1, 2, 4, & 5 SHOWN; TYPE 3 IS SIMILAR



FIELD ERECTION JOINT DETAIL

RAILING TYPES 1, 2 & 5



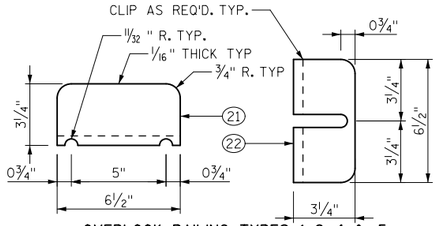
SECTION Z-Z

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

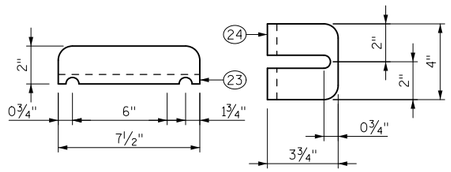
■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

OVERLOOK RAILING DETAILS (2 OF 3)

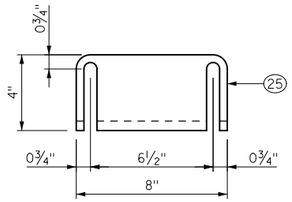
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS	SHEET 28	E



OVERLOOK RAILING TYPES 1, 2, 4, & 5



OVERLOOK RAILING TYPE 3



OVERLOOK RAILING TYPES 2 & 5 (2 PER POST)

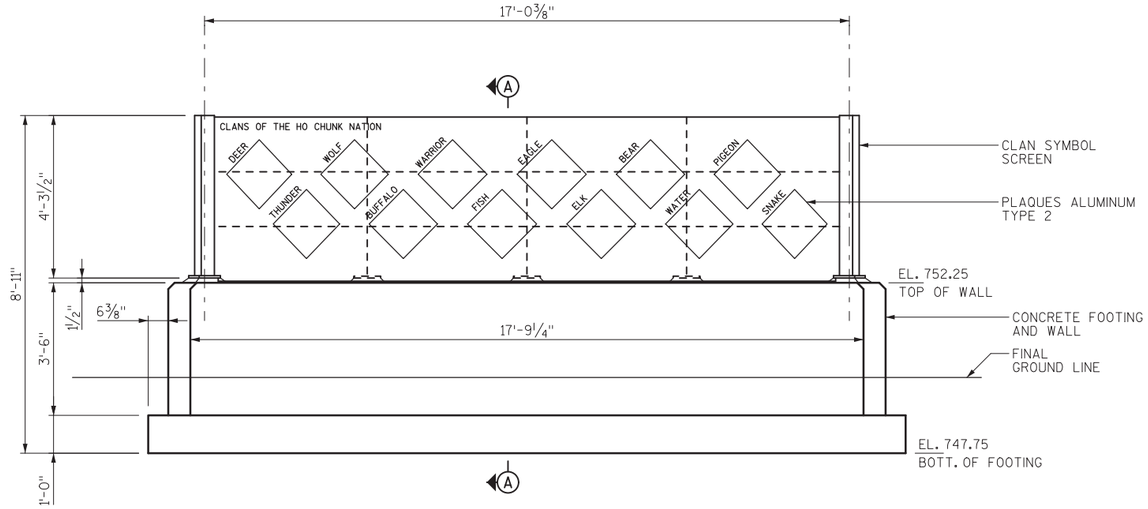
POST SHIM DETAILS

1 SET PER POST

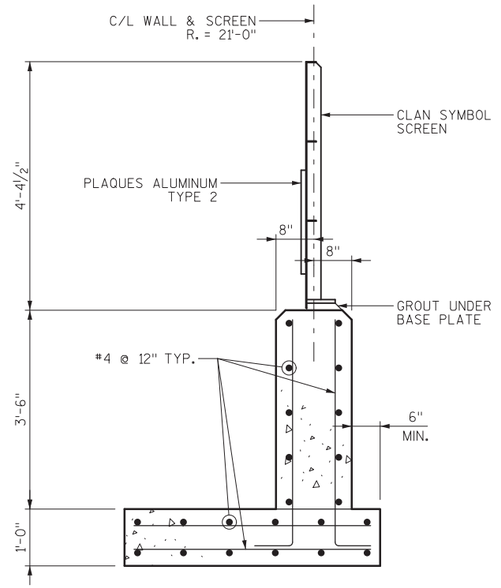
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
■	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
□	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
■	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

OVERLOOK RAILING DETAILS (3 OF 3)



CLAN SCREEN - FRONT ELEVATION



SECTION A-A

NOTES

THE BID ITEMS SHALL BE "CLAN SYMBOL SCREEN," "PLAQUES ALUMINUM TYPE 2" AND AND "CONCRETE FOOTINGS AND WALL."

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

SEE PLAN SHEETS FOR CLAN SYMBOL SCREEN LOCATION.

THIS SHEET SHOWS THE CLAN SYMBOL SCREEN AND FOUNDATION ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT OVERLOOK.

THE TOP OF CONCRETE WALL MAY SLOPE WITH RESPECT TO HORIZONTAL AT A RATE NOT TO EXCEED 1/4" IN ANY 10 FT. OF LENGTH.

ALUMINUM PLATES AND SHEETS SHALL CONFORM TO ASTM B 209, ALLOY 6061-T6. EXTRUDED ALUMINUM TUBING SHALL CONFORM TO ASTM B 221, ALLOY 6061-T6.

SEE "CONSTRUCTION DETAILS - PLAQUES ALUMINUM TYPE 2" SHEETS FOR CAST ALUMINUM PLAQUE DETAILS.

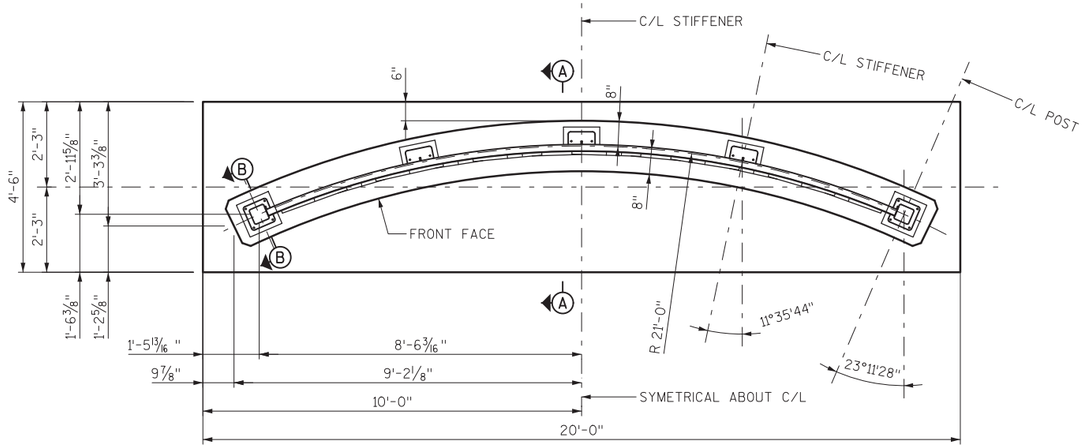
ALL SIDES OF THE ALUMINUM CLAN SYMBOL SCREEN SHALL BE PAINTED WITH A THREE COAT EPOXY SYSTEM PER THE SPECIAL PROVISIONS. THE COLOR SHALL BE FED-STD 595C #36375 (GHOST GRAY) EXCEPT FOR AREAS SHOWN OTHERWISE IN THE PLAQUE LETTERING AND PAINTING DETAIL.

AFTER FINAL POSITIONING OF CLAN SCREEN, PROVIDE FULL BEARING UNDER BASE PLATES USING AN ENGINEER-APPROVED, PREMIXED, NON-SHRINK COMMERCIAL GROUT OR IN AN EPOXY CONFORMING TO 415.2.6. GROUT SHALL BE INCIDENTAL TO BID ITEM "CONCRETE FOOTINGS AND WALL."

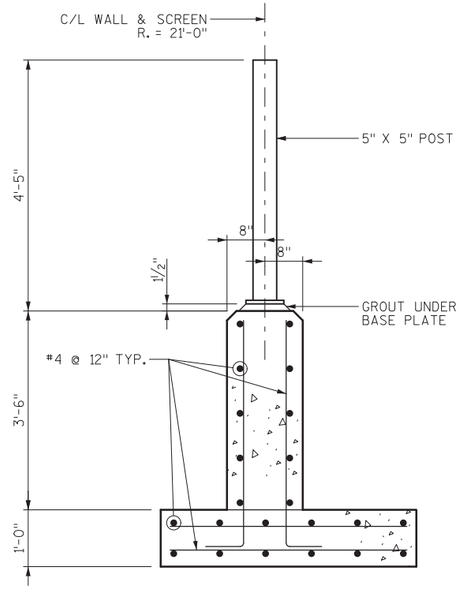
COAT THE BOTTOM OF THE BASE PLATES WITH A HEAVY COATING OF BITUMINOUS PAINT WERE THEY ARE IN CONTACT WITH GROUT.

PROVIDE 2" CHAMFERS IN VERTICAL AND HORIZONTAL EDGES OF WALL.

BOLTS, MASONRY ANCHORS, NUTS AND WASHERS SHALL BE TYPE 304 OR 316 STAINLESS STEEL.



CLAN SCREEN - PLAN



SECTION B-B

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

OVERLOOK CLAN SYMBOL SCREEN (1 OF 3)

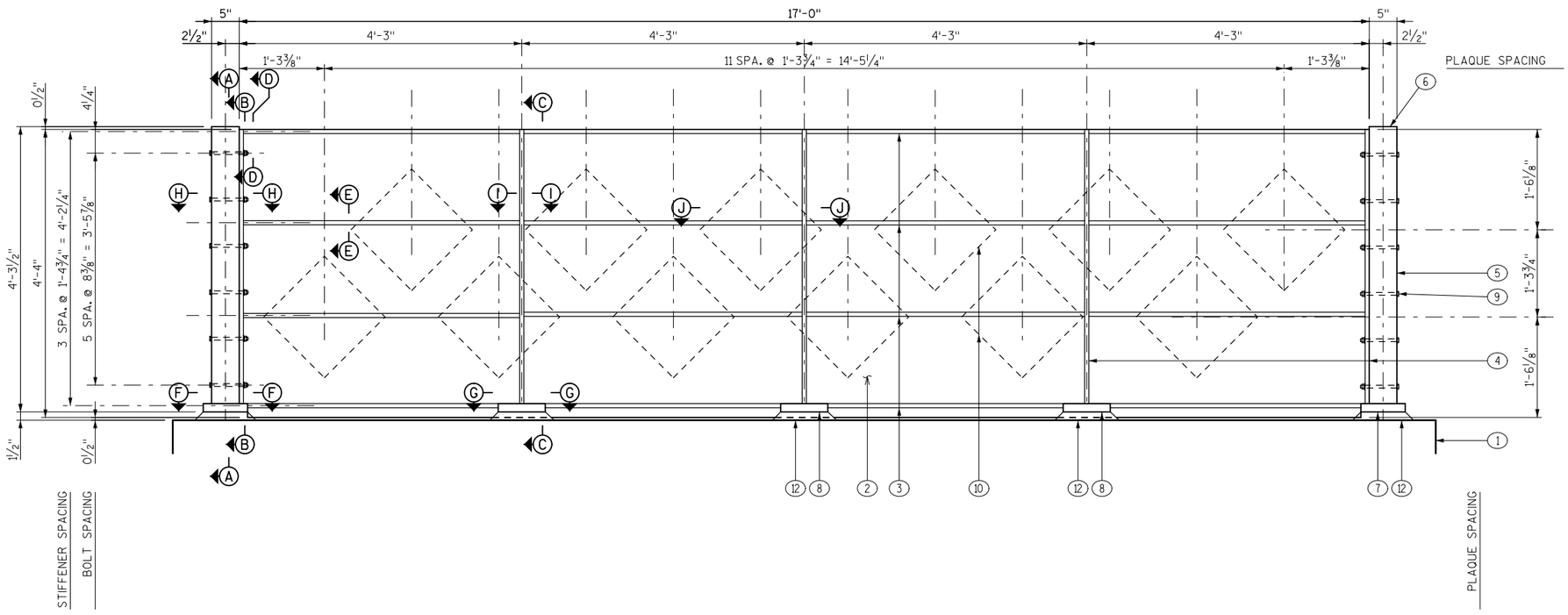
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS	SHEET 30	E

2

NOTES

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

FOR SECTIONS E-E, F-F, G-G, H-H, I-I AND J-J SEE SHEET 3 OF 3.

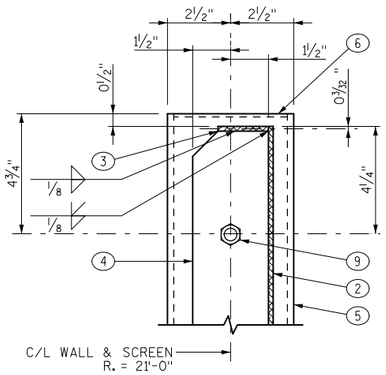


LEGEND

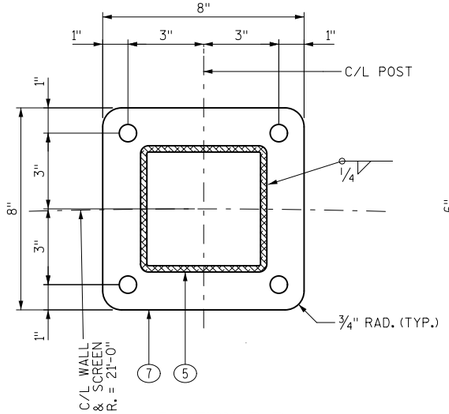
1. REINFORCED CONC. WALL WITH SACK RUBBED SURFACE FINISH.
2. 3/16" ALUM. SKIN PLATE.
3. 2" X 3/16" ALUM. STIFFENER.
4. 3" X 3/8" ALUM. STIFFENER.
5. 5" X 5" X 0.250" ALUM. TUBE.
6. 1/8" ALUM. END PLATE. WELD TO NO. 5.
7. 8" X 8" X 3/4" ALUM. BASE PLATE WITH 11/16 " DIA. HOLES FOR NO. 11.
8. 6" X 8½" X 3/4" ALUM. BASE PLATE WITH 11/16 " DIA. HOLES FOR NO. 11.
9. ½" STAINLESS STEEL BOLT AND NUT.
10. 15½" X 15½" CAST ALUM. CLAN PLAQUES. WELD TO NO. 2.
11. 5/8" DIA. STAINLESS STEEL MASONRY ANCHOR TYPE S WITH 7" EMBEDMENT.
12. DEPARTMENT-APPROVED, PREMIXED, NON-SHRINK COMMERCIAL GROUT.
13. 2" ALUMINUM LETTERS. MOUNT TO NO. 2 PER MANUFACTURER'S RECOMMENDATIONS.

CLAN SCREEN - REAR ELEVATION

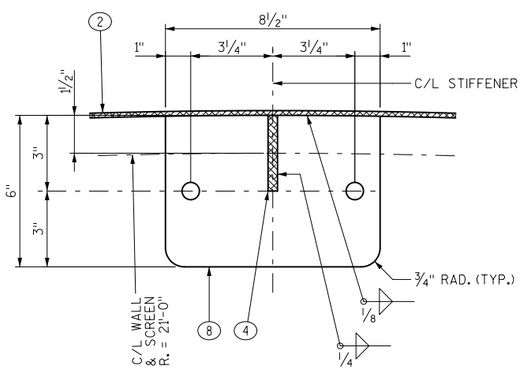
HORIZ. DIMENSIONS ARE MEASURED ALONG C/L OF CLAN SCREEN AND WALL.



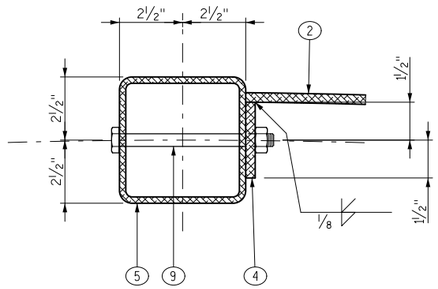
SECTION A-A



SECTION B-B



SECTION C-C

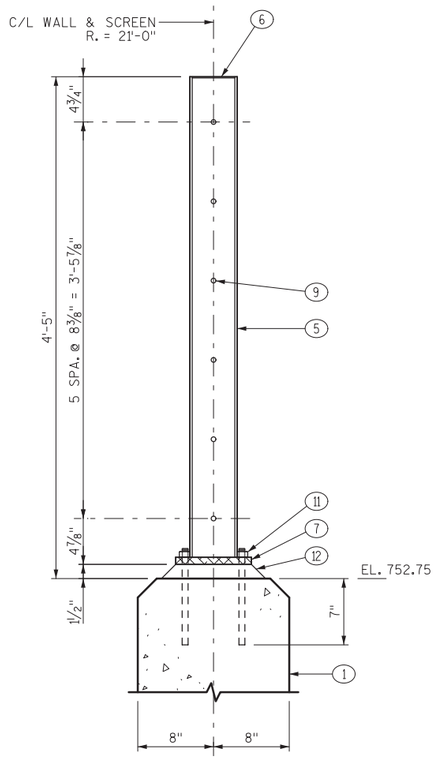


SECTION D-D

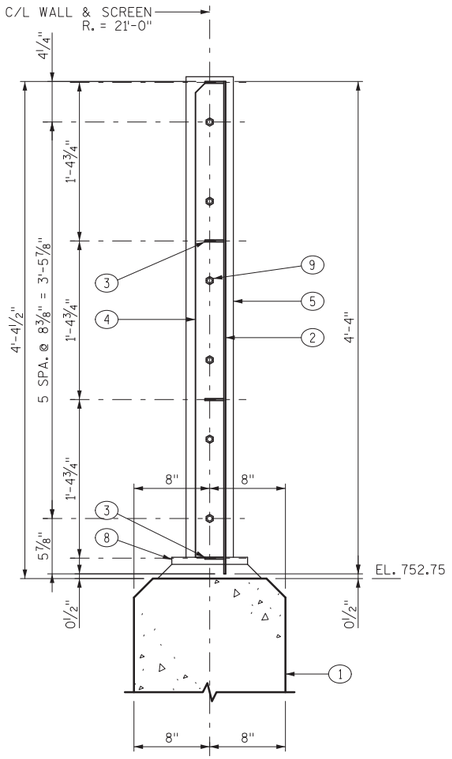
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

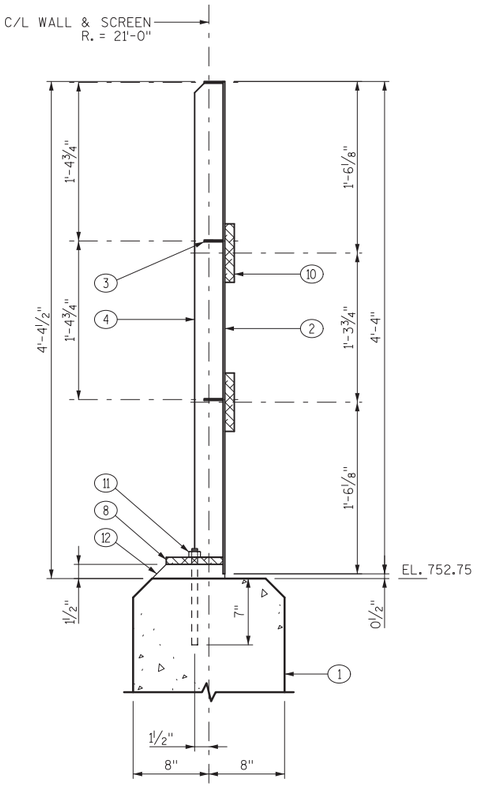
OVERLOOK CLAN SYMBOL SCREEN (2 OF 3)



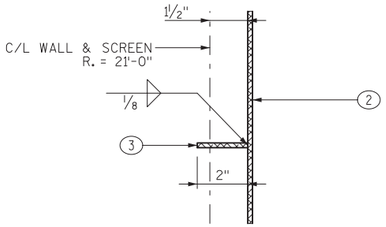
SECTION E-E



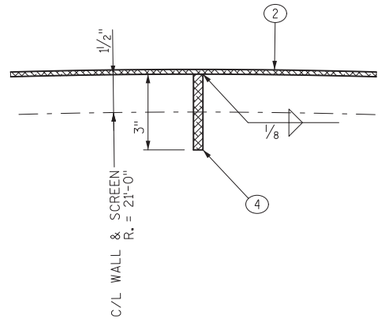
SECTION F-F



SECTION G-G



SECTION H-H

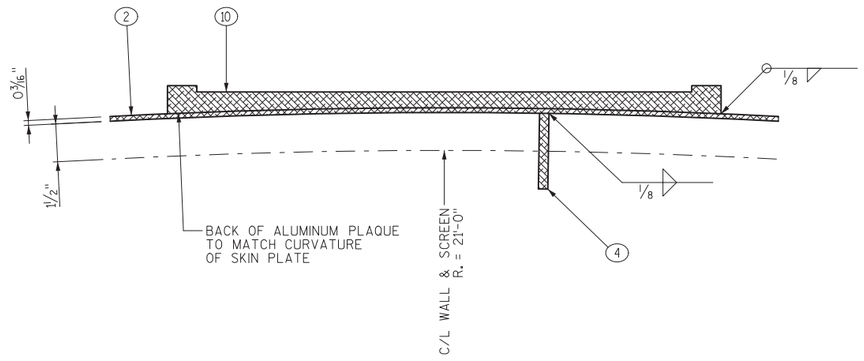


SECTION I-I

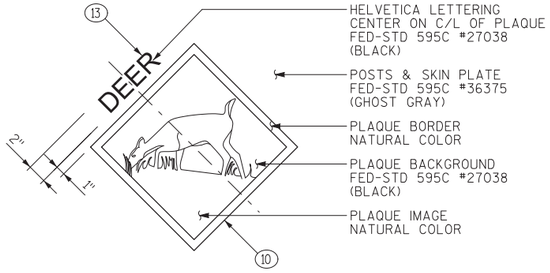
NOTES

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

SEE SHEET 2 OF 3 FOR THE MATERIAL LEGEND.



SECTION J-J



PLAQUE LETTERING AND PAINTING DETAIL

SEE "CONSTRUCTION DETAILS - PLAQUES ALUMINUM TYPE 2" SHEETS FOR INDIVIDUAL PLAQUE IMAGES

OVERLOOK CLAN SYMBOL SCREEN (3 OF 3)

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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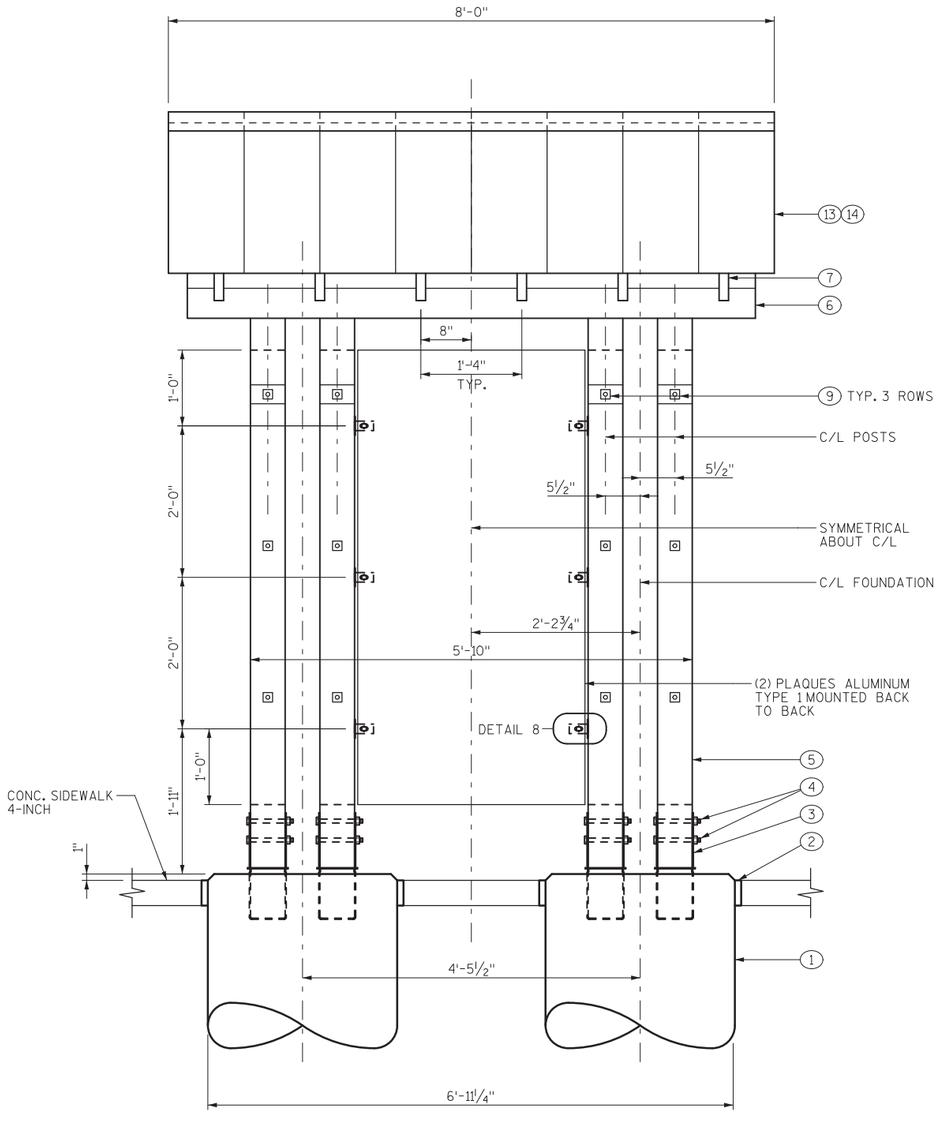
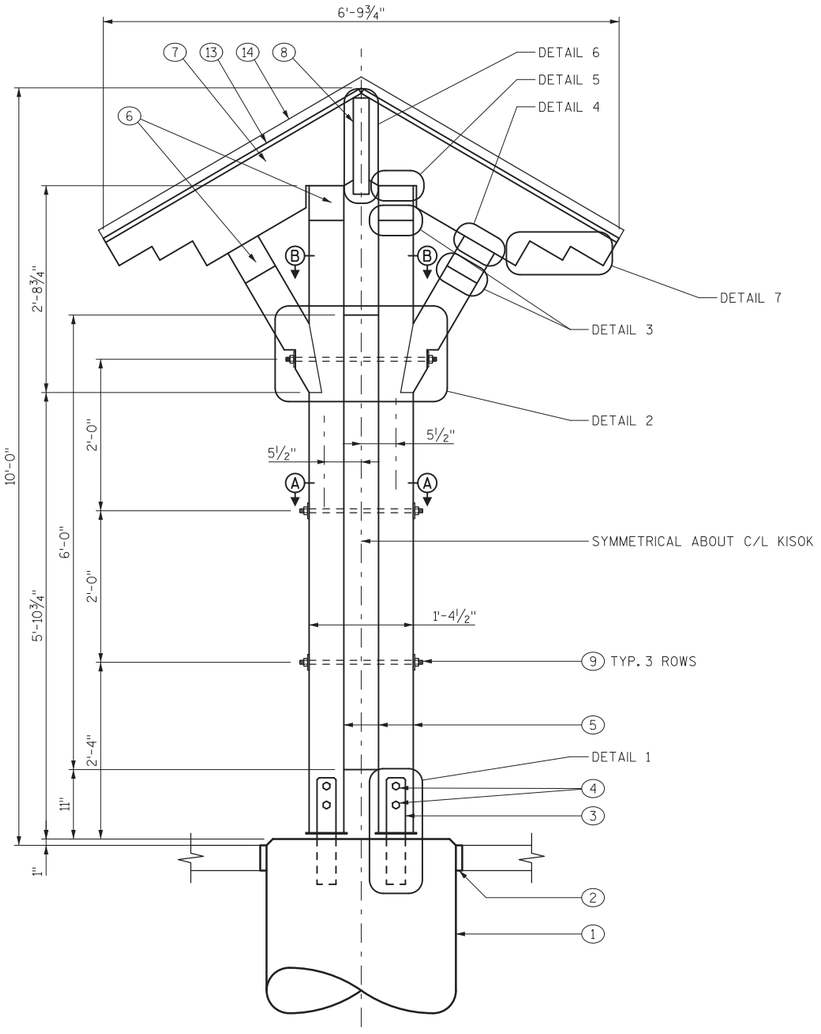
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)



FRONT ELEVATION



SIDE ELEVATION

NOTES

THE BID ITEMS SHALL BE "KIOSK", "CONCRETE FOOTINGS AND WALL" AND "PLAQUES ALUMINUM TYPE 1".

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

SEE PLAN SHEETS FOR KIOSK LOCATIONS.

THIS SHEET SHOWS THE KIOSK AND FOUNDATION ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT OVERLOOKS.

LUMBER SHALL BE DOUGLAS FIR - LARCH, GRADE NO. 1 KILN DRIED SURFACED FOUR SIDES AND SHALL BE TREATED WITH PENTACHLOROPHENOL IN ACCORDANCE WITH THE SPECIFICATIONS.

BOLT HOLES AT POST BASE SHALL BE SOAKED WITH PENTACHLOROPHENOL BEFORE INSERTING BOLTS.

STEEL AND HARDWARE SHALL BE ZINC COATED.

APPLY 2 COATS OF UV RESISTANT TRANSPARENT OIL STAIN TO THE TIMBER PORTION OF THE KIOSK. SEE SPECIAL PROVISIONS FOR STAIN COLOR. THIS WORK IS INCIDENTAL TO THE BID ITEM "KIOSK."

CONTRACTOR MAY SUBSTITUTE GALVANIZED COMMERCIAL LUMBER CONNECTORS HAVING CAPACITIES EQUAL TO THOSE SHOWN ON THE LUMBER CONNECTOR DETAILS. MINIMUM THICKNESS OF EACH CONNECTOR TYPE SHALL BE AS SPECIFIED IN THE MATERIALS LEGEND.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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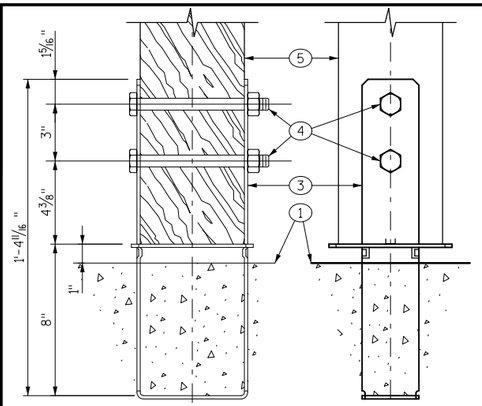
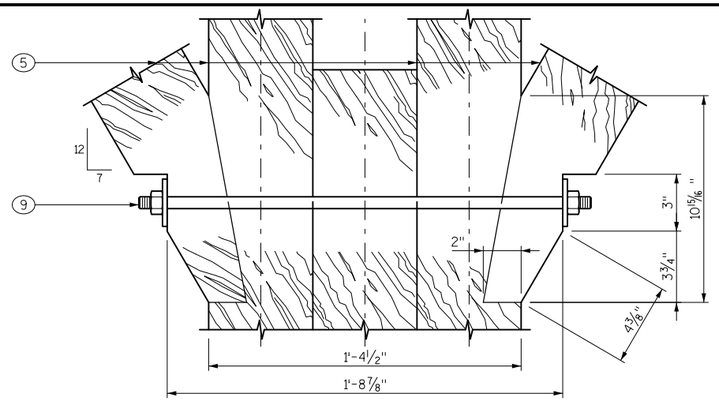
■	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
□	LAKE BUTTE DES MORTS HISTORY (12)
□	OFFERING FIRE (13)

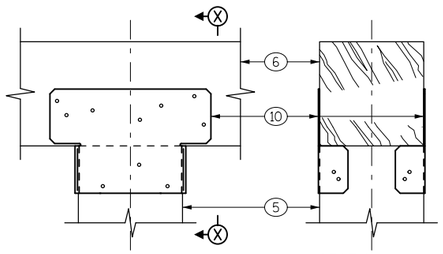
OVERLOOK KIOSK (1 OF 3)



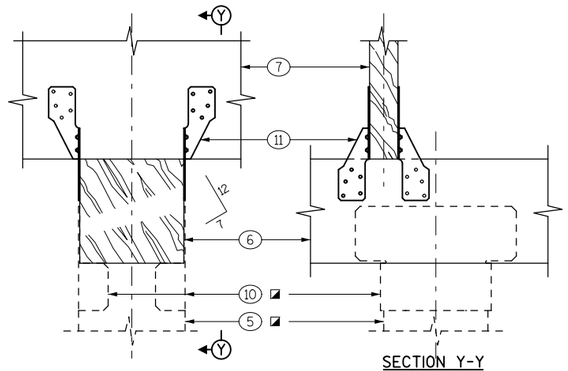
DETAIL 1



DETAIL 2



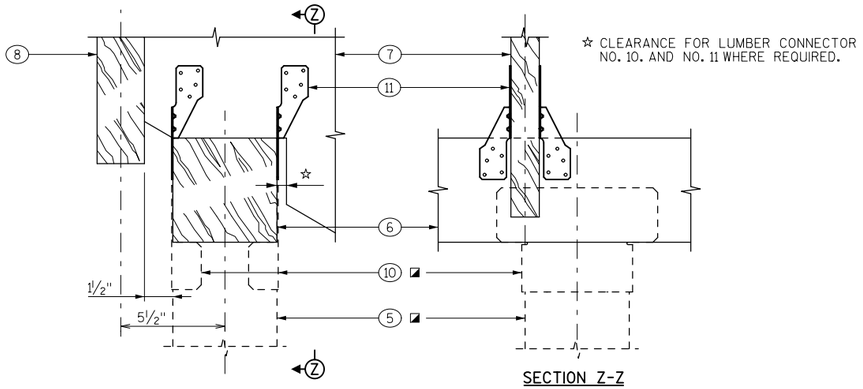
SECTION X-X



SECTION Y-Y

DETAIL 3

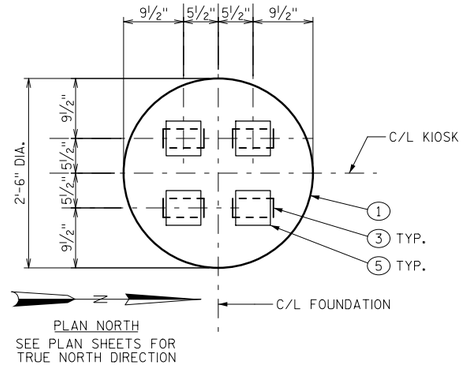
DETAIL 4



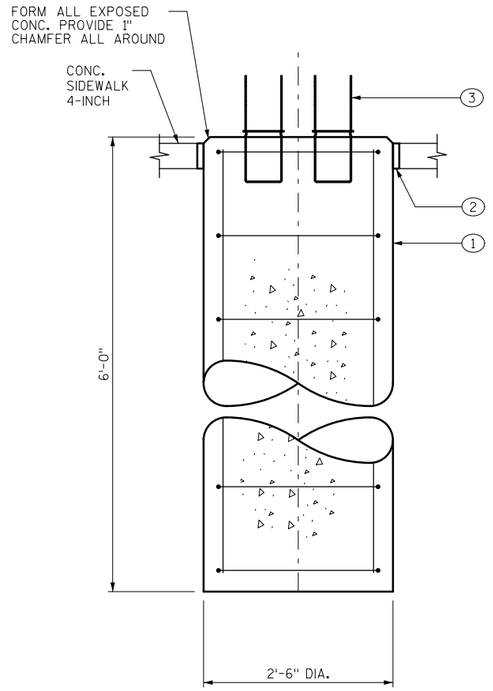
☆ CLEARANCE FOR LUMBER CONNECTOR NO. 10. AND NO. 11 WHERE REQUIRED.

SECTION Z-Z

DETAIL 5



PLAN - CONCRETE FOOTING



ELEVATION - CONCRETE FOOTING

NOTES

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

LEGEND

(1) CONCRETE FOOTING - 2'-6" DIA. X 6'-0" WITH (8) - #6 VERT. AND #4 @ 12" HOOPS (LAP 1'-0").

(2) 1" EXP. JOINT FILLER

(3) POST BASE - 7 GA. MIN. GALV. STEEL WITH 1" STANDOFF HEIGHT, 1910 POUND CAPACITY (INCLUDING WIND LOAD). PROVIDE 11/16" DIA. HOLES FOR NO. 4.

(4) 5/8" DIA. GALV. BOLT WITH WASHER AND NUT.

(5) POST - 6 X 6 LUMBER.

(6) BEAM - 6 X 6 LUMBER.

(7) JOIST - 2 X 12 LUMBER.

(8) RIDGE BEAM - 3 X 16 LUMBER.

(9) 5/8" DIA. GALV. ASTM A 307 ROD WITH 2" SQ. X 1/8" SQUARE GALV. PLATE WASHER AND NUT ON EACH END.

(10) LUMBER CONNECTOR - 18 GA. MIN. GALV. WITH (14) - 16d HOT DIPPED GALV. NAILS EACH FACE, 1940 POUND UPLIFT CAPACITY (INCLUDING WIND LOAD) TOTAL FOR BOTH CONNECTORS.

(11) LUMBER CONNECTOR - 18 GA. MIN. GALV. WITH (10) - 8d X 1 1/2" HOT DIPPED GALV. NAILS EACH SIDE EACH FACE, 1290 POUND UPLIFT CAPACITY (INCLUDING WIND LOAD) TOTAL FOR FOUR CONNECTORS.

(12) LUMBER CONNECTOR - 16 GA. MIN. GALV. WITH (8) - 8d HOT DIPPED GALV. NAILS EACH SIDE EACH FACE, 1060 POUND UPLIFT CAPACITY (INCLUDING WIND LOAD) TOTAL FOR TWO CONNECTORS.

(13) 3/4" APA RATED C-D EXPOSURE 1 PLYWOOD. FASTEN TO NO. 7. WITH 6d OR 8d NAILS SPACED 4" O.C. AT EDGES, 8" O.C. AT INTERMEDIATE SUPPORTS.

(14) ARCHITECTURAL STANDING SEAM ROOF SYSTEM, INCLUDING FASTENERS AND ACCESORIES. FEDERAL COLOR 14109.

(15) CONNECTION PLATE - PLATE 3/8" X 3" X 5" ALUM. WITH (4) HOLES FOR COUNTERSUNK NO. 10, 3" STAINLESS STEEL WOOD SCREWS TO ATTACH TO NO. 5.

(16) FLANGE - PLATE 3/8" X 1 1/2" X 0'-2 1/2" ALUM. WITH 9/16" X 1" SLOTTED HOLE FOR MOUNTING 3'X 6' PLAQUE ALUMINUM WITH NO. 18.

(17) 1/8" X 1 1/2" SQ. STAINLESS STEEL PLATE WASHER.

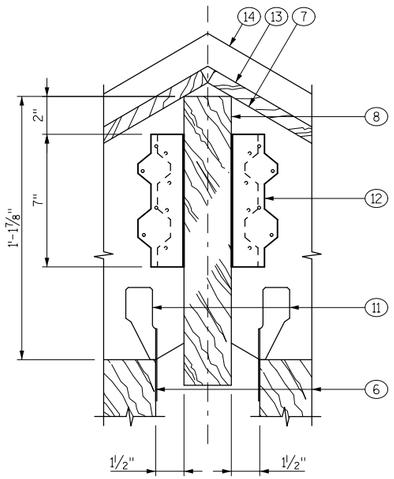
(18) MOUNTING BOLTS - 1/2" DIA. STAINLESS STEEL BOLT AND NUT WITH STAINLESS STEEL DECORATIVE NUT CAP. ITEMS TO BE TAMPERPROOF.

◪ SEE STRUCTURE ELEVATION FOR LOCATIONS OF POST NO. 5 AND LUMBER CONNECTOR NO. 10. LUMBER CONNECTORS NO. 10 AND NO. 11 MUST CLEAR EACH OTHER.

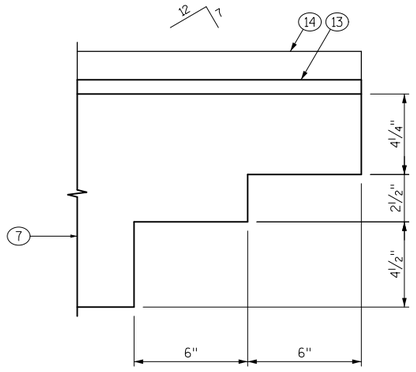
THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

■	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
□	STOCKBRIDGE MUNSEE (2)
■	LAC DU FLAMBEAU (5)
■	RED CLIFF (6)
■	HO-CHUNK (7)
■	ST. CROIX (10)
□	LAKE BUTTE DES MORTS HISTORY (12)
□	OFFERING FIRE (13)

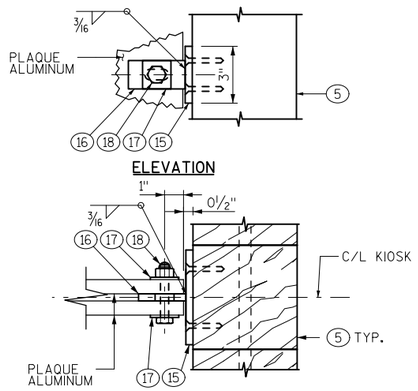
OVERLOOK KIOSK (2 OF 3)



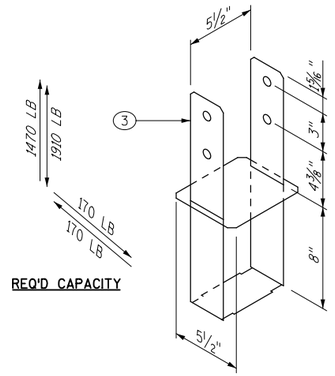
DETAIL 6



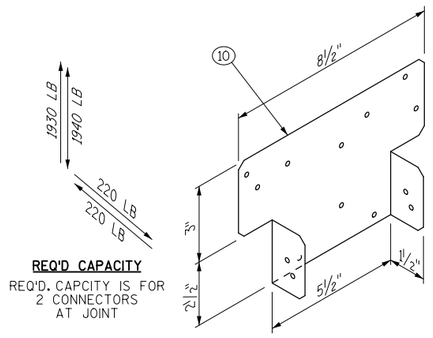
DETAIL 7



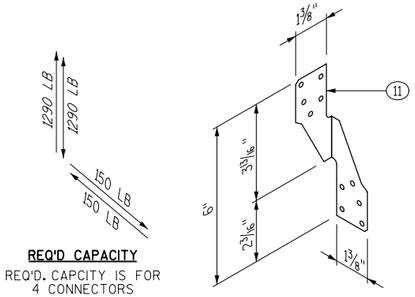
DETAIL 8



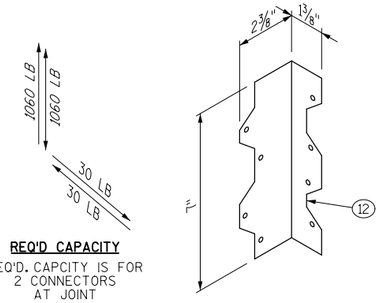
POST BASE (3)



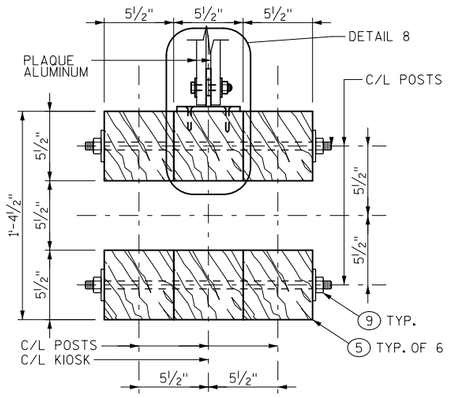
LUMBER CONNECTOR (10)
(2) REQUIRED AT EACH JOINT



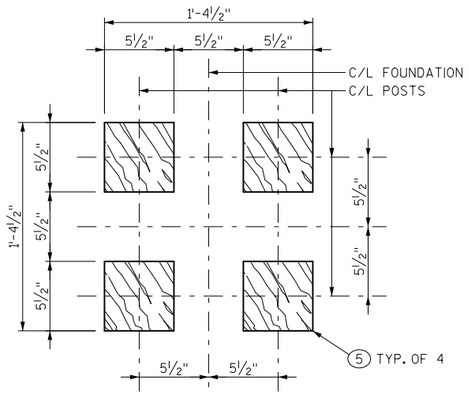
LUMBER CONNECTOR (11)
(2) LEFT HAND AND (2) RIGHT HAND REQUIRED AT EACH JOINT



LUMBER CONNECTOR (12)
(2) REQUIRED AT EACH JOINT



SECTION A-A



SECTION B-B

NOTES

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

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

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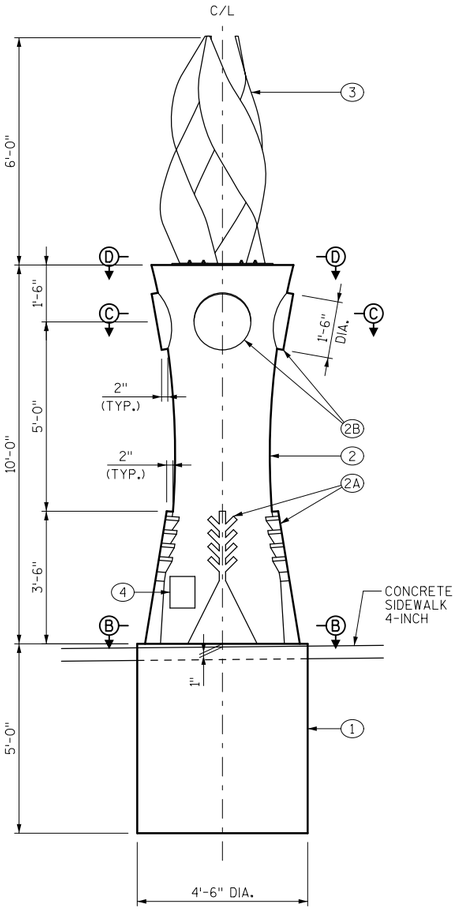
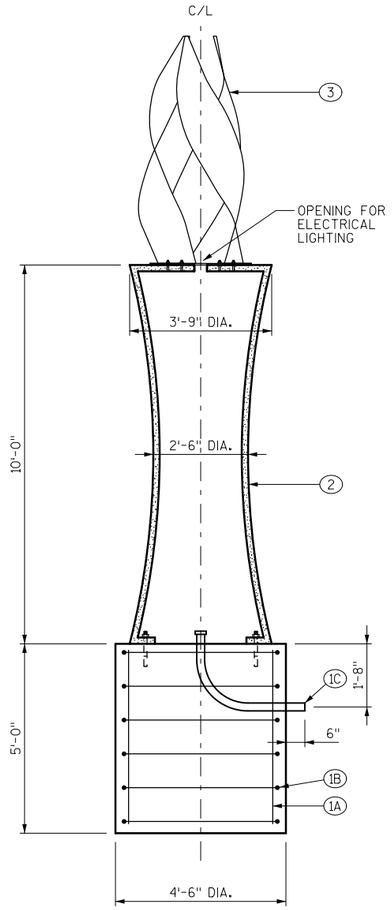
■	HO-CHUNK (7)
■	ST. CROIX (10)
□	LAKE BUTTE DES MORTS HISTORY (12)
□	OFFERING FIRE (13)

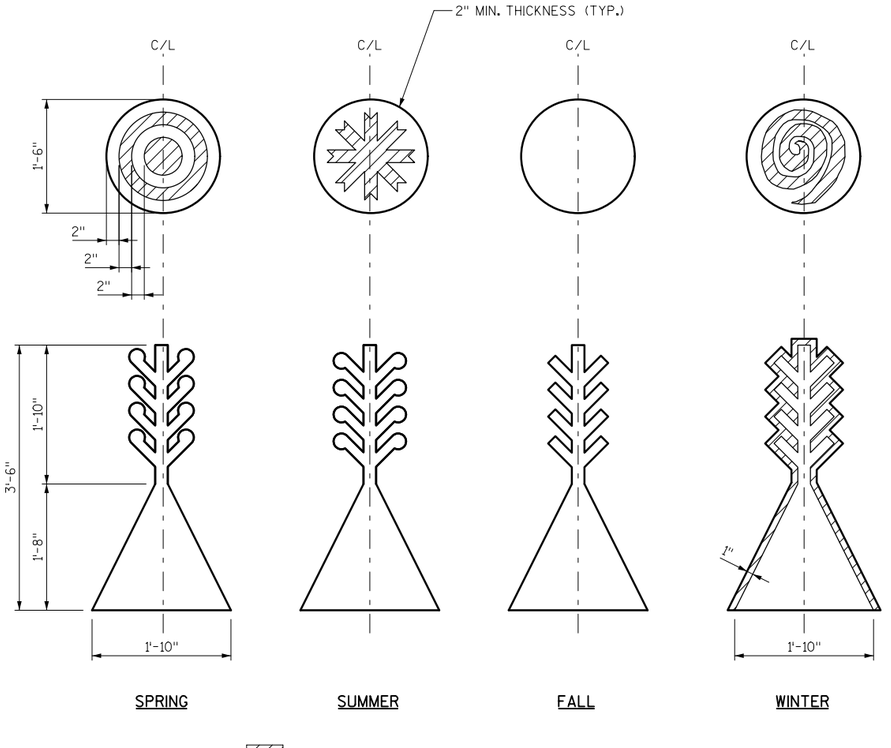
OVERLOOK KIOSK (3 OF 3)



ELEVATION - OFFERING FIRE OBLEISK



SECTION A-A



SPRING SUMMER FALL WINTER

RECESS 1" DEEP FROM FACE OF MOTIF

NOTES

THE BID ITEMS SHALL BE "OFFERING FIRE OBELISK" AND "CONCRETE FOOTINGS AND WALL."

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

SEE PLAN SHEETS FOR OFFERING FIRE LOCATION.

THIS SHEET SHOWS THE OFFERING FIRE OBLEISK AND FOUNDATION ONLY. SEE PLAN SHEETS FOR OTHER ITEMS REQUIRED AT OVERLOOK.

TOP SURFACE OF FOUNDATION SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZE AND LOCATIONS SHALL BE AS SHOWN ON THE LIGHTING PLANS. MINIMUM BENDING RADIUS OF CONDUIT IS 6 X THE DIAMETER. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ANCHOR RODS.

OBELISK AND STAINLESS STEEL FLAME, INCLUDING BLADES, BASE PLATE, AND CONNECTIONS, TO BE CONTRACTOR DESIGNED.

COORDINATE THE CONSTRUCTION OF THE OBELISK AND FLAME WITH THE LIGHTING DETAILS.

LEGEND

(1) CONCRETE FOUNDATION.

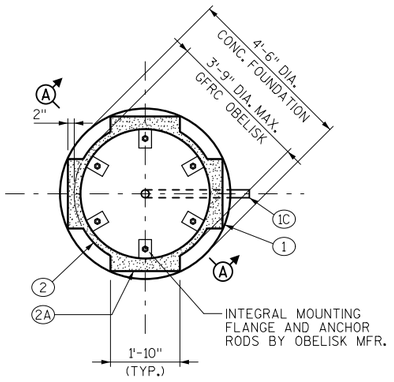
- (1A) (16) #8 VERT. REINF.
- (1B) #4 @ 12" HOOP REINF. (LAP 1'-0").
- (1C) CONDUIT, SEE LIGHTING PLAN SHEETS.

(2) GLASS FIBER REINFORCED CONCRETE (GFRC) OBELISK.

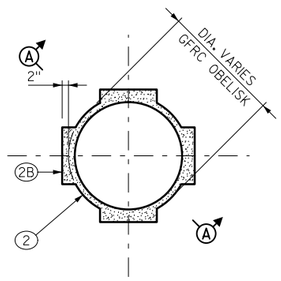
- (2A) 2" RAISED "TREE ON THE HILL MOTIF" TYP. ON 4 SIDES OF OBELISK.
- (2B) 2" RAISED STAINLESS STEEL "SUN MOTIF" TYP. ON 4 SIDES OF OBELISK.
- (2C) STAINLESS STEEL ANCHORS EMBEDDED IN NO. 2 WITH NUTS & WASHERS.

(3) STAINLESS STEEL OFFERING FIRE FLAME, INCIDENTAL TO OFFERING FIRE OBELISK. SEE "OVERLOOK FLAME" SHEET FOR DETAILS. ATTACH TO NO. 2 WITH NO. 2C.

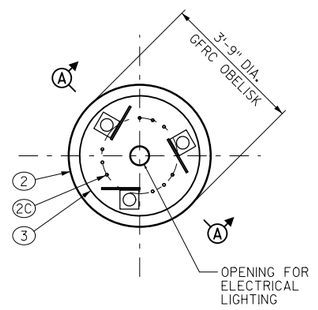
(4) (2) 10" X 10" MIN. REMOVABLE ACCESS PANELS AT BASE OF OBELISK, LOCATED ON OPPOSITE SIDES. PANEL HARDWARE TO BE STAINLESS STEEL AND TAMPERPROOF.



SECTION B-B



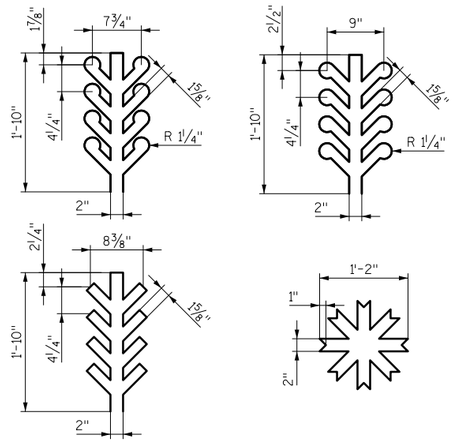
SECTION C-C



SECTION D-D

MOTIFS

LOCATED AT QUARTER-POINTS AROUND OBELISK



MOTIF LAYOUTS

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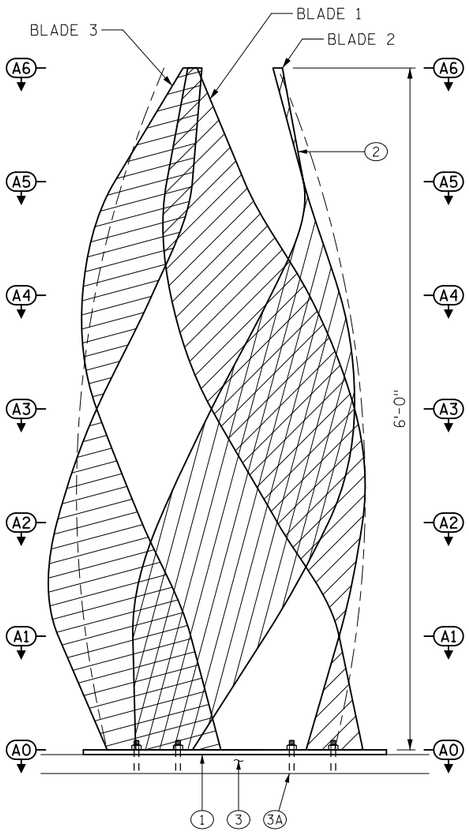
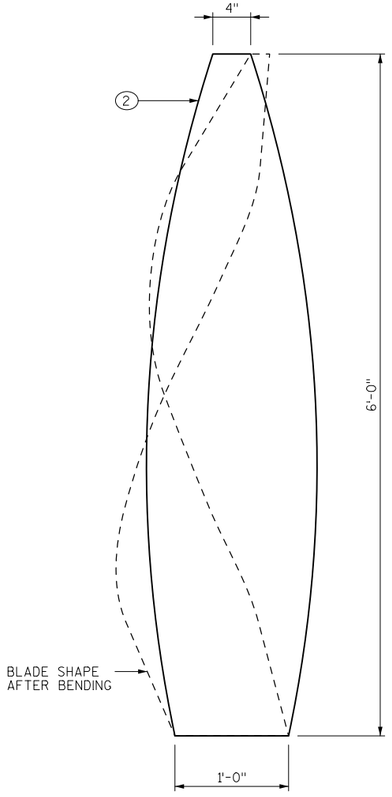
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)

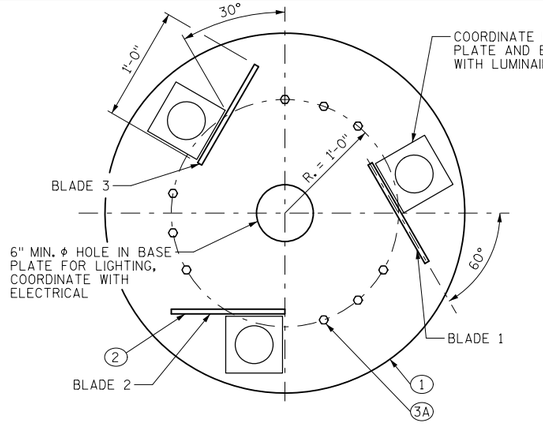
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS - OVERLOOK OBELISK (1 OF 3)	SHEET 36	E



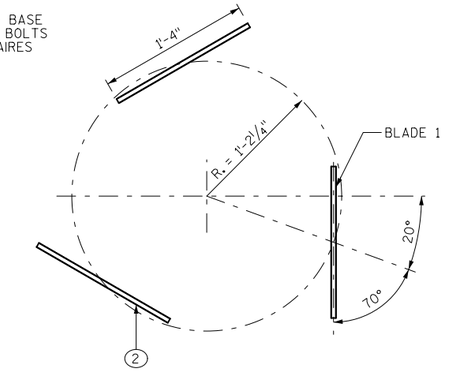
FLAME ELEVATION



TYPICAL BLADE
PRIOR TO BENDING, 4 REQ'D.



SECTION A0-A0
AT BASE PLATE



SECTION A1-A1
1'-0" ABOVE BASE PLATE

NOTES

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

STAINLESS STEEL FLAME IS INCIDENTAL TO "OFFERING FIRE OBELISK" BID ITEM.

OBELISK AND STAINLESS STEEL FLAME, INCLUDING BLADES, BASE PLATE, AND CONNECTIONS, TO BE CONTRACTOR DESIGNED. BLADES SHALL CONFORM TO THE SHAPE, ANGLES, AND DIMENSIONS ON THIS SHEET.

COORDINATE THE CONSTRUCTION OF THE OBELISK AND FLAME WITH THE LIGHTING DETAILS.

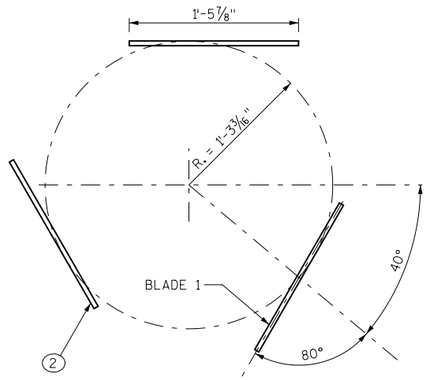
LEGEND

(1) STAINLESS STEEL BASE PLATE.

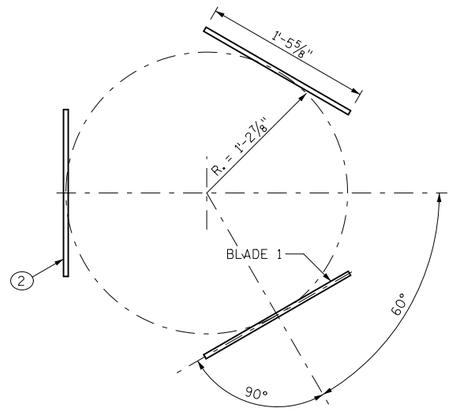
(2) POLISHED STAINLESS STEEL BLADE (3 REQ'D.).

(3) GLASS FIBER REINFORCED CONCRETE (GFRC) OBELISK.

(3A) STAINLESS STEEL ANCHORS EMBEDDED IN NO. 3 WITH TAMPER PROOF NUTS & WASHERS.



SECTION A2-A2
2'-0" ABOVE BASE PLATE



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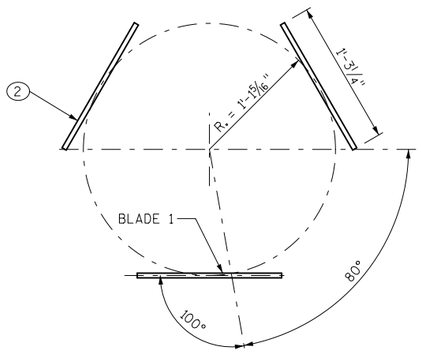
3'-0" ABOVE BASE PLATE



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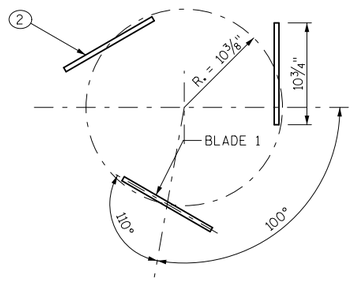
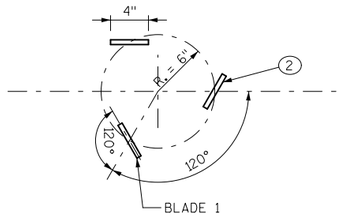


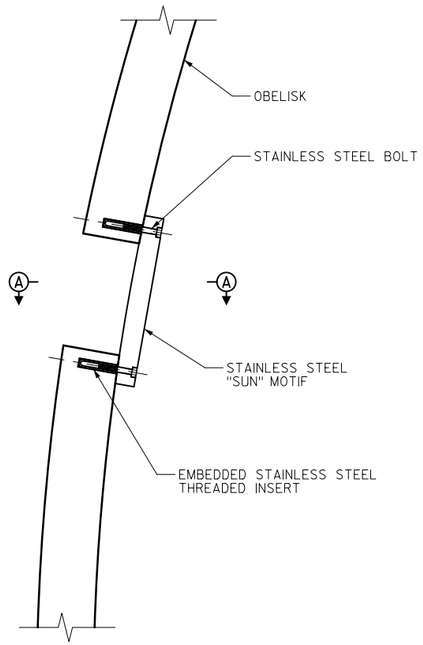
SECTION A5-A5
5'-0" ABOVE BASE PLATE



SECTION A6-A6
6'-0" ABOVE BASE PLATE

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



NOTES

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

STAINLESS STEEL "SUN MOTIFS" AND CONNECTIONS ARE INCIDENTAL TO "OFFERING FIRE OBELISK" BID ITEM.

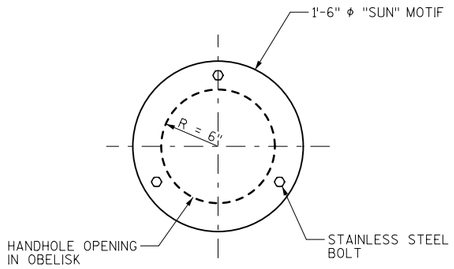
STAINLESS STEEL "SUN MOTIFS" AND CONNECTIONS ARE TO BE CONTRACTOR DESIGNED.

A MINIMUM OF (2) HANDHOLES SHALL BE LOCATED ON OPPOSITE SIDES OF THE OBELISK. HANDHOLES ARE REQUIRED FOR LIGHTING INSTALLATION AND MAINTENANCE.

"SUN MOTIFS" COVERING HANDHOLES SHALL BE REMOVABLE.

STAINLESS STEEL BOLT HEADS SHALL BE FLUSH WITH THE FACE OF THE "SUN MOTIFS".

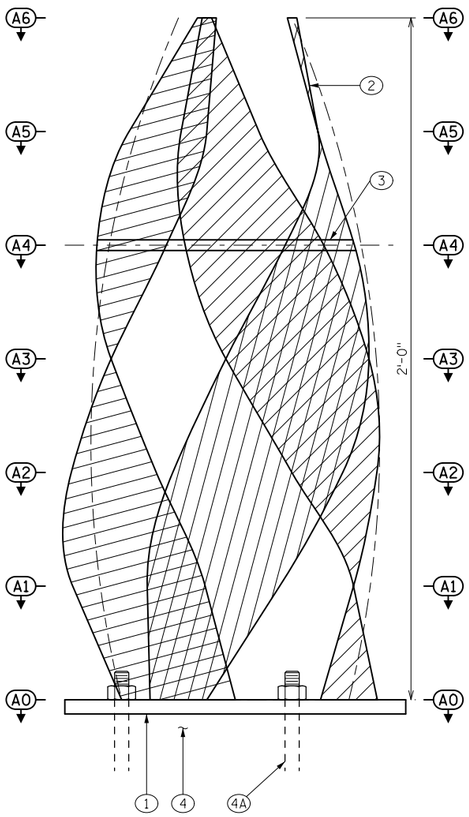
TYP. "SUN" MOTIF SECTION



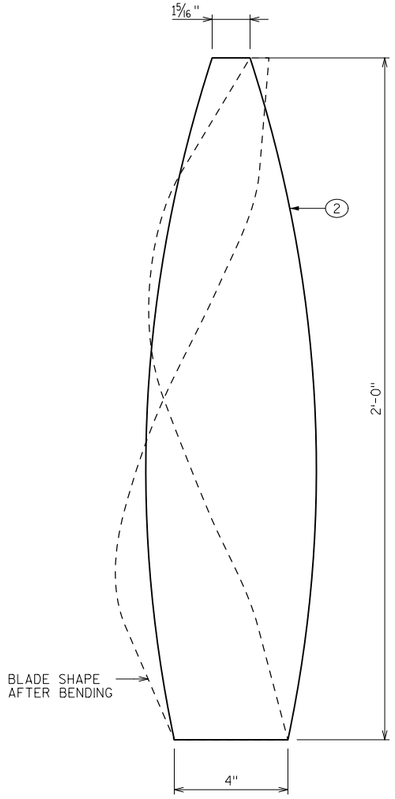
SECTION A-A

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

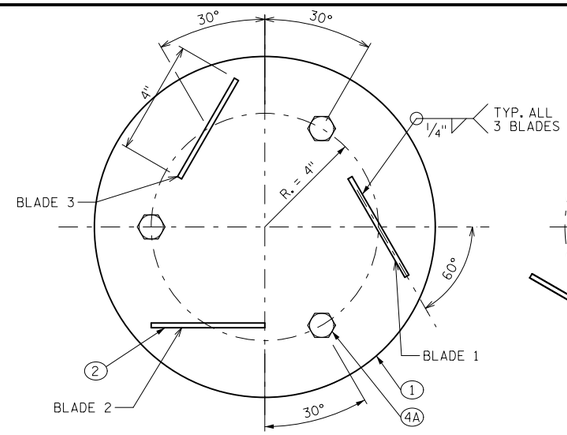
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



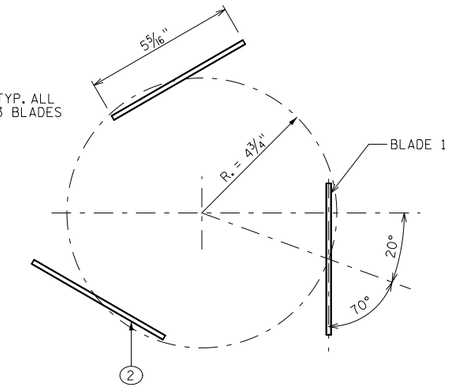
FLAME ELEVATION



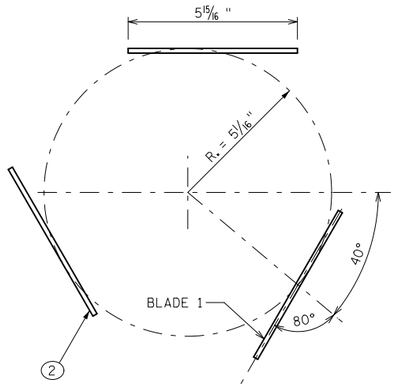
TYPICAL BLADE
PRIOR TO BENDING, 3 REQ'D.



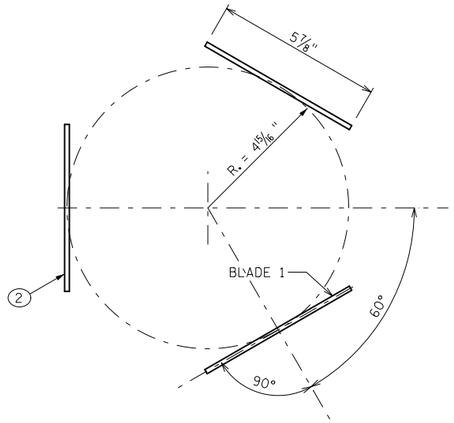
SECTION A0-A0
AT BASE PLATE



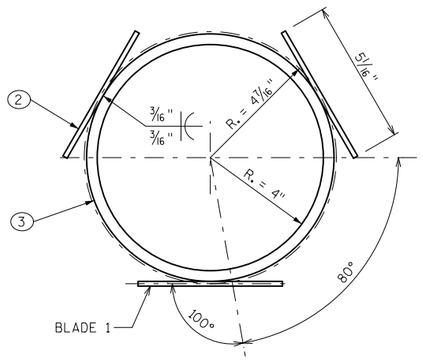
SECTION A1-A1
4" ABOVE BASE PLATE



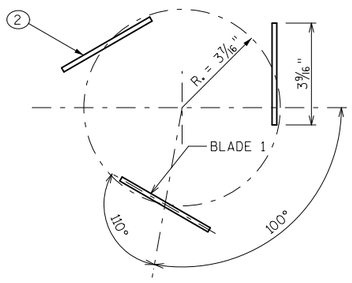
SECTION A2-A2
8" ABOVE BASE PLATE



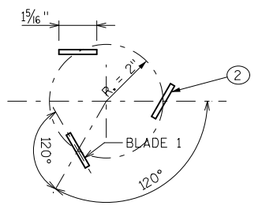
SECTION A3-A3
1'-0" ABOVE BASE PLATE



SECTION A4-A4
1'-4" ABOVE BASE PLATE



SECTION A5-A5
1'-8" ABOVE BASE PLATE



SECTION A6-A6
2'-0" ABOVE BASE PLATE

NOTES

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

LEGEND

(1) 1'-0" DIA. X 1/2" STAINLESS STEEL BASE PLATE.

(2) 1/4" POLISHED STAINLESS STEEL BLADE (3 REQ'D.).

(3) 3/8" ϕ STAINLESS STEEL SUPPORT RING PAINTED BLACK

(4) CONCRETE PEDESTAL

(4A) (3) - 1/2" DIA. STAINLESS STEEL STUDS EMBEDDED IN NO. 4 WITH TAMPER PROOF NUTS & WASHERS.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
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☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

2

BAD RIVER BAND OF LAKE SUPERIOR CHIPPEWA

NAMADABIN "SIT"
AND LET US TELL YOU A LITTLE ABOUT US–

WE ARE LOCATED IN ASHLAND AND IRON COUNTIES IN NORTHERN WISCONSIN AND ARE ONE CHIPPEWA BAND OF THE GREAT CHIPPEWA NATION THAT SPANS FROM MICHIGAN TO MONTANA AND THROUGHOUT SOUTHERN CANADA. OUR RESERVATION BOUNDARIES ENCOMPASS ABOUT 125,000 ACRES OF LAND, WHICH INCLUDES OVER 30 MILES OF NATURAL SHORELINE ALONG GITCHI-GUMI, OR LAKE SUPERIOR. OUR GOVERNMENT SEAT IS LOCATED IN THE TOWN OF ODANAH AND WE HAVE AN ESTIMATED 2,300 MEMBERS OF OUR NEARLY 8,000 ENROLLED WHO LIVE WITHIN OUR BOUNDARIES. ORIGINALLY, BEFORE THE BAND WAS NAMED BAD RIVER, IT WAS KNOWN AS "ANISHINABE ODETOWIN," MEANING "THE PLACE WITH THE PEOPLE OF GOOD HEART." BAD RIVER COMES FROM THE ENGLISH VERSION OF THE RIVER THAT RUNS THROUGH THE CENTER OF OUR RESERVATION "MASHKII ZIIBING." IN OUR LANGUAGE "MASHKII" REFERS TO "MASHKIIKII," WHICH IS "SWAMP" OR "MEDICINE." IT IS UNCERTAIN HOW THE FRENCH TRANSLATED IT TO "BAD," AND IS STILL A TOPIC OF CONVERSATION AMONG OUR MEMBERS TODAY.

ALONG WITH THE BAD RIVER, SEVERAL OTHER TRIBUTARIES THROUGHOUT THE RESERVATION CONTRIBUTE GREATLY TO THE ECOLOGICAL BEAUTY OF OUR RESERVATION. NEARLY NINETY PERCENT OF OUR RESERVATION IS LEFT IN ITS NATURAL STATE FOR THE SUBSISTENCE HUNTING, FISHING, TRAPPING, GATHERING AND ENJOYMENT OF OUR MEMBERSHIP. ONE OF OUR MOST SIGNIFICANT RIVERS IS THE KAKAGON, WHICH LENDS ITSELF GREATLY TO OUR GREAT MIGRATION STORY AS IT HAS A 16,000 ACRE WILD RICE MARSH ESTUARY AT ITS MOUTH. A PORTION OF THE KAKAGON IS ON THE REGISTER OF NATIONAL NATURAL LANDMARKS. IT IS THE LARGEST NATURALLY GROWN WILD RICE MARSH IN THE WORLD TODAY.

TODAY IN ODANAH, WE ALSO HAVE SEVERAL TRIBAL MEMBER AND TRIBAL GOVERNMENT OWNED BUSINESSES SUCH AS: A CASINO, RESTAURANT, HOTEL, GIFT SHOPS, GAS STATION, FIREWORK SHOPS AND MORE.

MIIGWETCH "THANK-YOU" FOR TAKING THE TIME TO LEARN ABOUT OUR TRIBE

BAD RIVER TEXT (SOUTH)

STOCKBRIDGE - MUNSEE

QUIN- A -MONTHA

THE MOHICAN NATION TAKES ITS NAME FROM MUH-HE-CON-NE-OK

"THE PEOPLE OF THE WATERS THAT ARE NEVER STILL"

THE MOHICANS CAME TO WISCONSIN FROM THEIR HOME ON THE MAHIKANITUCK RIVER, NOW CALLED THE HUDSON. THEIR TERRITORY STRETCHED FROM MANHATTAN TO LAKE CHAMPLAIN, WHERE THEY WERE A STRONG AND POWERFUL NATION OF ABOUT 25,000, WITH 4,000 WARRIORS.

IN THE EARLY 1700s, UNDER PRESSURE AND HOSTILITY FROM COLONISTS WHO WANTED THEIR LANDS, THE MOHICANS DECIDED TO MAKE A NEW HOME IN THEIR HUNTING TERRITORY NEAR THE HOUSATONIC RIVER, IN WHAT IS NOW MASSACHUSETTS. THERE THEY WERE CHRISTIANIZED IN THE COLONIAL VILLAGE OF STOCKBRIDGE AND CAME TO BE CALLED STOCKBRIDGE INDIANS. AFTER THEIR WARRIORS FOUGHT WITH THE COLONISTS IN THE REVOLUTIONARY WAR, IT WAS DECIDED TO MOVE FROM STOCKBRIDGE BECAUSE THEIR LANDS WERE AGAIN BEING TAKEN OVER.

SEVERAL MORE MOVES WERE MADE AFTER THIS, INCLUDING LIVING AMONG THE ONEIDA INDIANS IN NEW YORK, MOVING AGAIN TO THE WHITE RIVER AREA, INDIANA, WHERE THE LAND WAS NO LONGER AVAILABLE, THEN ESTABLISHING A VILLAGE IN WHAT IS NOW KAUKAUNA, WISCONSIN. SOON THEY HAD TO MOVE AGAIN TO THE EAST SIDE OF LAKE WINNEBAGO, WHERE THEY ESTABLISHED THE VILLAGE OF STOCKBRIDGE, WISCONSIN, IN 1834. IT WAS HERE THAT THE MUNSEE INDIANS BECAME PART OF THE TRIBE.

YET ANOTHER MOVE WAS MADE WHEN 1856 TREATY NEGOTIATIONS LED TO THE TRIBE GIVING UP THEIR LANDS ON LAKE WINNEBAGO AND MOVING TO ITS CURRENT RESERVATION IN SHAWANO COUNTY, ON LANDS CEDED BY THE MENOMINEES. DESPITE FURTHER LAND LOSSES THERE, THE INDIAN REORGANIZATION ACT OF 1934 ALLOWED FOR THE TRIBAL GOVERNMENT TO REORGANIZE AND TO REGAIN MUCH OF THE LAND THAT HAD BEEN LOST. THIS RESULTED IN THE TRIBES FINAL MOVE TO THE WESTERN PORTION OF THAT RESERVATION.

STOCKBRIDGE MUNSEE TEXT (1 OF 3)

B A N D O F T H E

ELECTA QUINNEY

THE FIRST PUBLIC SCHOOL TEACHER IN WISCONSIN WAS A STOCKBRIDGE WOMAN NAMED ELECTA QUINNEY. QUINNEY WAS BORN IN 1802, AND ATTENDED SCHOOLS IN THE EAST AND TAUGHT IN NEW YORK FOR SIX YEARS BEFORE SHE AND HER TRIBE MOVED WEST IN THE 1820s. HER ONE-ROOM SCHOOL WAS OPEN TO ALL AND WAS THE FIRST OF ITS KIND IN WHAT WOULD BECOME THE STATE OF WISCONSIN.

THEIR SURVIVAL AS A NATION IS EXPRESSED AS 'MANY TRAILS' AND IS A SYMBOL OF ENDURANCE, STRENGTH, HOPE AND PERSERVANCE.

TODAY THE HOME OF THE STOCKBRIDGE-MUNSEE BAND OF MOHICAN INDIANS, OR MOHICAN NATION, IS LOCATED IN "MUH-HE-CON-NUCK," NEAR BOWLER, WISCONSIN. THE TRIBE OPERATES TRIBAL GOVERNMENT OFFICES, A FAMILY CENTER, HEALTH AND WELLNESS CENTER, WILDLIFE AND LAND MANAGEMENT, ROADS AND PUBLIC SAFETY, TRIBAL COURT, GOLF COURSE, GAMING, AND OTHER ENTERPRISES.

AS A SOVEREIGN NATION THEY CONTINUE TO EXPLORE OPPORTUNITIES TO BETTER PROVIDE FOR THEIR PEOPLE. MOST OF THE TRIBAL MEMBERS LIVE ON THE RESERVATION, BUT MANY ALSO LIVE IN OTHER PARTS OF WISCONSIN, THE UNITED STATES AND THE WORLD.

STOCKBRIDGE MUNSEE TEXT (2 OF 3)

ONEIDA NATION OF WISCONSIN

THE ONEIDA NATION OF WISCONSIN IS THE LARGEST TRIBE OF INDIANS IN THE STATE OF WISCONSIN. WITH OVER 16,000 TRIBAL MEMBERS, THE ONEIDA NATION IS MORE THAN DOUBLE THE SIZE OF THE NEXT LARGEST TRIBE, THE MENOMINEE. THE ONEIDA ARE ORIGINALLY FROM CENTRAL NEW YORK STATE AND ARE ONE OF THE ORIGINAL FIVE NATIONS OF THE IROQUOIS CONFEDERACY.

THE WORD "ONEIDA" IN ENGLISH IS DERIVED FROM THE ONEIDA WORD "Onáyote?a.ka," WHICH IS HOW THE ONEIDA PEOPLE REFERRED TO THEMSELVES IN THE ONEIDA LANGUAGE. Onáyote?a.ka (OH-NHU-YO-DAY AAHG) IS TRANSLATED AS "PEOPLE OF THE STANDING STONE." ACCORDING TO ONEIDA ORAL HISTORY, OTHER TRIBES REFERRED TO THE ONEIDA AS THE PEOPLE OF THE STANDING STONE DUE TO THE LARGE ROCK FORMATIONS THAT PROTRUDED OUT OF THE GROUND IN THE ONEIDA HOMELANDS. OTHER STORIES EXPLAIN THAT OCCASIONALLY WHEN THE ONEIDA MOVED TO A NEW VILLAGE SITE THEY WOULD BRING A LARGE STONE WITH THEM AND IT WOULD STAND OUTSIDE THE ENTRANCE OF THE VILLAGE. IT ALSO IS RECORDED IN SOME INSTANCES THAT THE STONE MYSTERIOUSLY FOLLOWED THEM TO THEIR NEW HOME.

AFTER THE AMERICAN REVOLUTION SETTLERS, LAND COMPANIES AND POLITICIANS PRESSURED THE ONEIDA AND OTHER TRIBES TO MOVE WESTWARD. THE MENOMINEE AND HO-CHUNK TRIBES, THE ORIGINAL INHABITANTS OF THIS REGION, SIGNED TREATIES WITH ONEIDA IN 1821 AND AGAIN IN 1822. AS A RESULT, OVER 600 ONEIDA MOVED TO THE FOX RIVER VALLEY OVER A SPAN OF 20 YEARS. IN 1838 A TREATY WITH THE FEDERAL GOVERNMENT REDUCED THE ONEIDA RESERVATION TO JUST OVER 65,400 ACRES. THE RESERVATION BORDERS HAVE REMAINED UNCHANGED SINCE. AT PRESENT, PORTIONS OF BROWN AND OUTAGAMIE COUNTIES AND THE CITY OF GREEN BAY OVERLAP THE ONEIDA RESERVATION.

TODAY THE ONEIDA HAVE DEVELOPED A DIVERSE ECONOMY OF GAMING FACILITIES, HOTELS, GAS STATIONS, ORCHARDS, FARMS AND OTHER BUSINESSES.

ONEIDA TEXT (SOUTH)

MENOMINEE INDIAN TRIBE OF WISCONSIN

THE MENOMINEE PEOPLE ARE KNOWN AS THE "OMAEAONOMENEWAK," OR PEOPLE OF THE WILD RICE. THEY HAVE A NAME FOR THEMSELVES, "KAYES MAMACHITAWUK," OR THE ANCIENT ONES BECAUSE OF THEIR PRESENCE IN WHAT IS NOW WISCONSIN SINCE TIME IMMEMORIAL. THEY ONCE RESIDED IN OVER 10 MILLION ACRES OF THE LAND. HOWEVER THEY WERE FORCED TO GIVE UP MOST OF THEIR LAND THROUGH TREATIES WITH THE US GOVERNMENT. THEIR PRESENT RESERVATION, WHICH IS A PART OF THE ANCESTRAL LAND, CONSISTS OF 234,000 ACRES COMPRISED OF A SUSTAINABLE FOREST, PRISTINE LAKES AND STREAMS. THE MENOMINEE ARE INDIGENOUS TO WISCONSIN AND ARE THE STATE'S OLDEST CONTINUOUS RESIDENTS.

ONE OF THE MOST NOTED CHIEFS OF THE MENOMINEE NATION WAS CHIEF OSHKOSH OR "CLAW," AND WAS NAMED HEAD CHIEF AT THE TREATY OF LAKE BUTTE DES MORTS IN 1827 BY TERRITORIAL GOVERNOR LEWIS CASS. THE TREATY OF LAKE BUTTE DES MORTS BROUGHT THE MENOMINEE, WINNEBAGO AND CHIPPEWA TRIBES TO THE TABLE TO DISCUSS AND SETTLE THEIR LAND BOUNDARIES. THE TREATY ALSO SETTLED THE LONG STANDING DISPUTE OVER LAND ISSUES WITH THE NEW YORK TRIBES. CHIEF OSHKOSH DIED IN 1858 AND IS BURIED ON THE MENOMINEE RESERVATION. THE CITY OF OSHKOSH NOW CARRIES HIS NAME.

THE MENOMINEE CLAN SYSTEM IS COMPRISED OF FIVE CLANS THAT INCLUDE THE ANCESTRAL BEAR, EAGLE OR THUNDERER, WOLF, MOOSE AND CRANE. EACH CLAN WAS GIVEN A RESPONSIBILITY BY THE CREATOR AT THE TIME OF CREATION. THE ANCESTRAL BEAR CLAN WAS GIVEN THE RESPONSIBILITY OF BEING THE SPEAKERS OF THE TRIBE AND KEEPERS OF THE LAW. THE EAGLE OR THUNDERER CLAN WAS TO PROVIDE FREEDOM AND JUSTICE. THE WOLF CLAN TAKES CARE OF HUNTING AND GATHERING.

MENOMONEE TEXT (SOUTH)

LAC DU FLAMBEAU BAND
OF LAKE SUPERIOR CHIPPEWA

THE LAC DU FLAMBEAU NATION OF NORTH CENTRAL WISCONSIN IS ONE OF THE 11 BANDS OF LAKE SUPERIOR CHIPPEWA AND HAS HAD A PRESENCE HERE SINCE 1745. THEIR 86,500 ACRE RESERVATION IS LOCATED IN VILAS COUNTY AND IS LOCATED AMONG A LARGE NUMBER OF FRESH WATER LAKES.

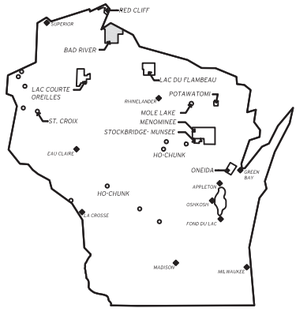
THE LAC DU FLAMBEAU NATION NAME IS FROM THE LEGEND OF AN OLD MAN WALLEYE FISHING AT NIGHT. HE COULD NOT FISH DURING THE DAY SINCE THE SUNLIGHT HURT HIS EYES. THE MAN USED A TORCH AT NIGHT TO GIVE HIM LIGHT AND DRAW FISH TO THE LIGHT. AFTER THAT, THE CHIPPEWA HAD USED TORCHES TO SEARCH FOR WALLEYE AND SPEAR THEM WHEN THEY CAME TO THE SURFACE. WHEN THE EARLY FRENCH TRADERS FIRST SAW THE LAKE AND THE TORCHES, THEY THOUGHT THE LAKE WAS ON FIRE. THE FRENCH WOULD REFER TO THIS PLACE AS "LAKE OF THE TORCHES," OR LAC DU FLAMBEAU.

THE LAC DU FLAMBEAU NATION SETTLED IN NORTH CENTRAL WISCONSIN DUE TO THE PERFECT CONDITIONS FOR WILD RICING, ABUNDANCE OF FRESHWATER LAKES FOR FISHING AND POPULATION OF WILD GAME. THESE CONDITIONS STILL REMAIN; FISHING IN THE AREA IS A YEAR-ROUND TOURIST ATTRACTION. THE SERIES OF RIVERS AND LAKES ALLOW VISITORS OF ALL INTERESTS TO PLAY OR RELAX AS THEY CHOOSE.

THE GEORGE BROWN JR. MUSEUM AND CULTURAL CENTER AND WA-SWA-GONING OJIBWE INDIAN VILLAGE ARE PLACES TO EXPERIENCE THE UNIQUE CULTURE OF THE LAC DU FLAMBEAU NATION.

LAC DU FLAMBEAU TEXT (SOUTH)

BAD RIVER BAND OF LAKE SUPERIOR CHIPPEWA



CURRENT LOCATIONS OF TRIBAL LAND - 2013

BAD RIVER MAP (NORTH)

M O H I C A N S

THE MOHICAN VETERAN'S ASSOCIATION ERECTED A VETERAN'S MEMORIAL ON THE RESERVATION. YOU WILL ALSO FIND AN OLD LUTHERAN INDIAN MISSION CHURCH AND SCHOOL, WHICH IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.

THE MOHICAN NATION IS HOME TO FIFTEEN HISTORIC STONE HOUSES BUILT ON THE RESERVATION DURING THE 1930s BY THE WORKS PROGRESS ADMINISTRATION.

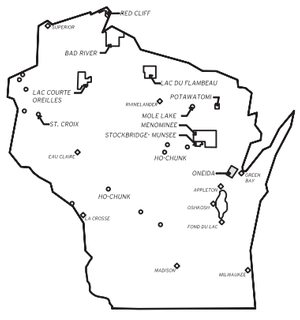
THEIR HISTORY AND CULTURE IS RICHLY PRESERVED IN THE ARVID E. MILLER MEMORIAL LIBRARY-MUSEUM. NAMED AFTER A LONG-TIME LEADER OF THE NATION, THE LIBRARY - MUSEUM CONTAINS MANY VALUABLE HISTORICAL DOCUMENTS AND CULTURAL ITEMS.

THE COLLECTION INCLUDES ARTIFACTS FROM THE PRE-CONTACT, FARMING, LOGGING, AND MISSION SCHOOL PERIODS.

2013

STOCKBRIDGE MUNSEE TEXT (3 OF 3)

ONEIDA NATION OF WISCONSIN



CURRENT LOCATIONS OF TRIBAL LAND - 2013

ONEIDA MAP (NORTH)

MENOMINEE INDIAN TRIBE OF WISCONSIN

THE MOOSE CLAN WOULD PROVIDE SECURITY, AND THE CRANE CLAN WOULD BE RESPONSIBLE FOR PROVIDING ARCHITECTURE. THE MENOMINEE CREATION STORY TOOK PLACE AT THE MOUTH OF THE MENOMINEE RIVER WHERE MARINETTE, WISCONSIN IS NOW SITUATED.

OUR RESERVATION CONSISTS OF HEAVILY FORESTED LAND MANAGED UNDER A SUSTAINED YIELD MANAGEMENT SYSTEM. THE IDEA OF SUSTAINED YIELD FIRST CAME FROM CHIEF OSHKOSH WHO SAID "START ON THE EAST END OF THE RESERVATION AND WORK TOWARDS THE WEST END. CUT ONLY THE MATURE TREES AND WHEN YOU REACH THE WEST END OF THE RESERVATION IT WILL BE TIME TO START OVER AGAIN." THE FOREST CONSISTS OF 46 VARIETIES OF TREE SPECIES AND A TRIBAL SAWMILL MANAGED BY MENOMINEE TRIBAL ENTERPRISES. THE SAWMILL HARVESTS AND PROCESSES ITS OWN LOGS TO LUMBER, WHICH ARE SOLD WORLDWIDE. DUE TO THE DENSE AND LUSH FOREST, THE RESERVATION IS VISIBLE FROM SATELLITE PHOTOGRAPHS.

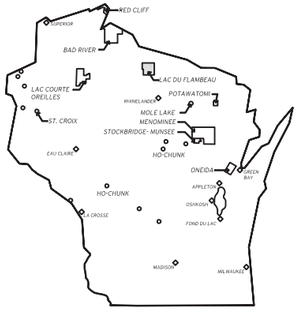
THE MENOMINEE RESERVATION FEATURES THE WILD AND SCENIC WOLF RIVER. RAFTING ALONG THE WOLF RIVER PROVIDES A WIDE RANGE OF SCENERY AND EXCITEMENT INCLUDING WHITEWATER RAPIDS, WATERFALLS AND MAJESTIC TREES. THESE TREES ARE A REMINDER TO TRIBAL MEMBERS THAT THEIR ANCESTORS WOULD ALWAYS HAVE A HOME IN THEIR ANCESTRAL TERRITORY. IN TURN, THEIR RESPONSIBILITY IS TO KEEP THE RESERVATION PRISTINE.

LAKE WINNEBAGO IS THE PASSAGE WAY FOR STURGEON. THE STURGEON IS SACRED TO THE MENOMINEE PEOPLE AND WAS THE TRIBAL CLAN SYMBOL. IN THE MENOMINEE TRIBE'S CREATION STORY IT WAS MENTIONED AS THE KEEPER OF THE WILD RICE AND TRIBAL HISTORIAN. IT PROVIDED SUSTENANCE, MEDICINE AND SPIRITUAL TEACHINGS TO OUR PEOPLE FOR THOUSANDS OF YEARS.

2013

MENOMONEE TEXT (NORTH)

LAC DU FLAMBEAU BAND
OF LAKE SUPERIOR CHIPPEWA



CURRENT LOCATIONS OF TRIBAL LAND - 2013

LAC DU FLAMBEAU MAP (NORTH)

2

RED CLIFF BAND OF LAKE SUPERIOR CHIPPEWA

MIS KWA BE KONG

THE NAMES OF THE ANISHINAABE ARE MANY; OJIBWE, CHIPEWYAN, OJIBWA, CHIPPEWA, BUT UNITED BY A SHARED HISTORY OF CLANS, LANGUAGE AND CULTURE, ALL IDENTIFY THE THOUSANDS OF POLITICALLY AUTONOMOUS BANDS AND TRIBES WHICH MAKE THE CHIPPEWA NATION THE LARGEST TRIBE IN NORTH AMERICA. MOST SIGNIFICANT OF AMONG THESE SHARED BACKGROUNDS ARE THE SPIRITUAL PRACTICES AND VALUES OF THE GRAND MEDICINE SOCIETY, WHICH CONTINUE TODAY.

SITUATED ALONG THE SHORES OF THE LEGENDARY WATERS OF LAKE SUPERIOR, THE RED CLIFF RESERVATION IS LOCATED ON THE BAYFIELD PENINSULA. THESE LANDS AND WATERS ARE RENOWNED FOR THEIR PRISTINE ENVIRONMENT, RUGGED WATERS, WILDERNESS AREAS AND UNIQUE SCENIC BEAUTY.

AND HERE, THE PEOPLE OF THE BIG WATER OR "GI-CHI-B-WAA-TIG" REMAIN TODAY, AT THE HUB OR CENTER OF A HISTORICAL, SPIRITUAL AND CULTURAL CROSSROADS. THE ANISHINAABE WERE TOLD BY A PROPHET THAT A SACRED SHELL WOULD GUIDE THEM ON A LONG JOURNEY TO THE "FOOD THAT GROWS ON THE WATER." THAT FOOD TODAY IS KNOWN AS "MAA-NO-MIN" OR WILD RICE. THE JOURNEY LEAD TO AN ISLAND CALLED "MOO-NING-WANA-KAWN-ING," WHICH MEANS "THE PLACE OF THE YELLOW-BREASTED WOODPECKER." CENTURIES LATER THIS ISLAND WAS RENAMED MADELINE ISLAND.

AMONG THE SMALLEST OF THE INDIAN RESERVATIONS IN WISCONSIN TODAY, RED CLIFF WAS THE PRIMARY VILLAGE OF THE GREAT BUFFALO, HEAD CHIEF OF THE ANISHINAABE. THE 'GREAT BUFFALO' IS A HISTORICAL TRIBAL FIGURE TODAY SPECIFICALLY FOR HIS ROLE AS PEACEMAKER IN THE FORMATION OF THE TREATY OF 1854.

2013

RED CLIFF TEXT (SOUTH)

HO-CHUNK NATION

HO-CHUNK ORAL STORIES SPEAK OF RED BANKS AS THEIR PLACE OF ORIGIN. THE NAME HO-CHUNK MEANS "PEOPLE OF THE PARENT VOICE," WHICH REFERS TO THE SACRED LANGUAGE THAT IS SPOKEN BY THE FIRST INDIGENOUS PEOPLES TO THIS AREA. THE HO-CHUNK DOCUMENTED THEIR ANCIENT PRESENCE THROUGH MUCH OF THE ROCK ART AND PETRO GLYPHS FOUND THROUGHOUT THEIR REGION. EVEN BEFORE THE LAST GLACIER RECEDED FROM THE GREAT LAKES REGION, THE HO-CHUNK HAD RETURNED TO THEIR PLACE OF ORIGIN NEAR WHAT IS NOW KNOWN AS GREEN BAY, WISCONSIN.

SINCE THE BEGINNING OF TIME, THE HO-CHUNK HAS KNOWN NO OTHER HOME THAN WHAT IS NOW WISCONSIN. IN FACT, THE HO-CHUNK IS WITHOUT A FORMAL TRIBAL RESERVATION BECAUSE OF THEIR RELUCTANCE TO BE TAKEN FROM THEIR ANCESTRAL AREAS DURING THE FORCED REMOVALS IN THE 1900S. ALTHOUGH MOST OF THEIR PEOPLE WERE MOVED MANY TIMES TO DIFFERENT LOCATIONS, EVEN AS FAR AS SOUTH DAKOTA, THEY WOULD RETURN TO REUNITE WITH THE HO-CHUNK WHO AVOIDED BEING REMOVED FROM THEIR ABORIGINAL HOMELANDS.

TRADITIONALLY, THE HO-CHUNK PEOPLE HAVE FOUR UPPER CLANS AND EIGHT LOWER CLANS. THESE 12 CLANS ARE DEPICTED IN THE SURROUNDING METAL SILHOUETTES. THE THUNDERER, EAGLE, WARRIOR AND PIGEON REPRESENT THE UPPER CLANS; WHILE THE BUFFALO, ELK, DEER, BEAR, WOLF, SNAKE, FISH AND WATER SPIRIT REPRESENT THE LOWER CLANS. EACH CLAN HAS ITS OWN RESPECTIVE DUTIES WITHIN THE TRIBE. DUE TO THE TENACITY AND PERSEVERANCE OF THEIR ANCESTORS, THE HO-CHUNK PEOPLE OF TODAY STILL ENJOY LIVING WITHIN THEIR ABORIGINAL TERRITORIES.

HO-CHUNK TEXT (SOUTH)

LAC COURTE OREILLES BAND OF LAKE SUPERIOR CHIPPEWA

THE LAC COURTE OREILLES OF NORTH CENTRAL WISCONSIN OCCUPY A RESERVATION OF 76,500 ACRES IN SAWYER COUNTY. THE LAC COURTE OREILLES (PRONOUNCED LAC COOT O'RAY) ARE ONE OF SIX BANDS OF LAKE SUPERIOR CHIPPEWA LIVING IN WISCONSIN AND MINNESOTA.

THEY SETTLED IN THIS AREA DUE TO THE ABUNDANCE OF WILD GAME, FISH AND WILD RICING BEDS. LIKE MOST CHIPPEWA, THEIR RESERVATION WAS CREATED BY THE TREATY OF 1854, WHERE THE TRIBES CEDED THEIR TRADITIONAL LANDS AND SETTLED ON RESERVATIONS, ALONG WITH GOODS AND SUPPLIES.

THE LAC COURTE OREILLES ARE LOCATED IN THE POPULAR AREA KNOWN AS THE CHIPPEWA FLOWAGE. THIS FLOWAGE WAS CREATED IN 1923 WHEN THE WISCONSIN AND MINNESOTA LIGHT AND POWER COMPANY BUILT THE WINTER DAM. THE DAM, BUILT AGAINST THE WISHES OF THE TRIBE, DISPLACED ONE OF ITS VILLAGES AND A SACRED GRAVE SITE. THE DAM ALSO ELIMINATED A SIGNIFICANT AMOUNT OF RICING BEDS USED BY THE TRIBE FOR HUNDREDS OF YEARS. PROVISIONS FOR RESTITUTION WERE CREATED FOR THE TRIBE BUT WERE NOT HONORED PER THE AGREED AMOUNT.

TODAY, THE LAC COURTE OREILLES OPERATE MANY ENTERPRISES TO REDUCE THEIR DEPENDENCE ON INDIAN GAMING. THEY OPERATE THEIR OWN TRIBAL SCHOOL SYSTEM, COMMERCIAL CENTER, CONSTRUCTION CORPORATION, CREDIT UNION AND RADIO STATION. THESE STEPS TOWARD A BROADER ECONOMY SHOW THE VISION AND WISDOM THE TRIBE HAS IN CARING FOR THE FUTURE OF THE NATION AND ITS MEMBERS.

2013

LAC COURTE OREILLES TEXT (SOUTH)

SOKAOGON MOLE LAKE BAND OF LAKE SUPERIOR CHIPPEWA

THE MOLE LAKE CHIPPEWA SETTLED IN THE NORTHERN REGIONS OF WISCONSIN, HAVING MOVED OUT OF EASTERN CANADA AT LEAST 1,000 YEARS AGO. ACCORDING TO THE TEACHINGS OF THE OJIBWE PEOPLE, IT WAS THE SACRED MEGIS SHELL THAT FIRST GUIDED THE PEOPLE TO THE RICH REGIONS OF THE GREAT LAKES. THE MEGIS SHELL WAS LAST SEEN NEAR LAKE SUPERIOR'S MADELINE ISLAND, WHICH WAS ONE OF THE SETTLING POINTS FOR TRIBAL PEOPLE MIGRATING FROM THE EASTERN SHORES OF THE CONTINENT. CURRENTLY, THE SOKAOGON MOLE LAKE BAND OF LAKE SUPERIOR CHIPPEWA RESIDE ON THE MOLE LAKE INDIAN RESERVATION NEXT TO RICE LAKE IN FOREST COUNTY.

LIVING NEAR THE UPPER GREAT LAKES REGION, THE MOLE LAKE CHIPPEWA KEPT THE RIGHT TO HUNT, FISH AND GATHER ON LANDS SOLD TO THE US GOVERNMENT IN THE MID 1800S. THE CHIPPEWA KEPT THE RIGHT TO OBTAIN FOOD AND OTHER NECESSITIES ON CEDED LANDS TO ENSURE THAT FUTURE GENERATIONS WOULD ALWAYS HAVE A SOURCE OF FOOD AND SURVIVAL.

BEFORE THE RESERVATION WAS FORMALLY APPROVED FOLLOWING THE INDIAN REORGANIZATION ACT OF 1934, THE SOKAOGON HAD ALWAYS LIVED IN THE VICINITY OF RICE LAKE. CHIEF ACKLEY WAS INSTRUMENTAL IN ESTABLISHING THE CURRENT RESERVATION STARTING WITH APPROXIMATELY 1,700 ACRES ADJACENT TO MOLE LAKE AND INCLUDING RICE LAKE, IN FOREST COUNTY, WISCONSIN.

CHIEF ACKLEY

MOLE LAKE TEXT (SOUTH)

ST. CROIX BAND OF LAKE SUPERIOR CHIPPEWA

THE ST. CROIX WERE PART OF AN IMMENSE NATIVE GROUP BOUND BY MARRIAGE AND LANGUAGE - THE ALGONQUIANS. OVER 500 YEARS AGO, THE ALGONQUIAN PROPHETS FORETOLD THE COMING OF THE EUROPEANS AND TOLD THE PEOPLE TO MOVE WEST. THIS MOVEMENT WOULD ENSURE THEIR WAY OF LIFE. THE GREAT SPIRIT SAID THE PEOPLE WOULD MOVE TO A PLACE "WHERE THE FOOD GROWS ON THE WATER." THIS FOOD IS WILD RICE. SOME SETTLED IN WHAT IS NOW MICHIGAN AND SOUTHERN ONTARIO, ALONG THE SHORES OF THE GREAT LAKES. OTHERS CONTINUED ON TO THE WESTERN SHORES OF PRESENT DAY WISCONSIN AND MINNESOTA - THE OJIBWE PEOPLE.

THE FIRST EUROPEANS - FRENCH TRADERS AND MISSIONARIES - ARRIVED IN THE EARLY 1600S. THEY BROUGHT NEW IDEAS INCLUDING FUR TRADING AND TOOLS, BUT THEY ALSO BROUGHT DISEASE, WEAPONS AND LIQUOR. THE OJIBWE PEOPLE LIVED IN PEACE WITH THE FRENCH. WHEN THE FRENCH ABANDONED THEIR TRADING POST ON MADELINE ISLAND IN 1698, SOME OJIBWE MOVED SOUTH, SETTLING IN THE DANBURY AREA. THEY WERE CALLED THE ST. CROIX PEOPLE BECAUSE THEY LIVED ALONG THE ST. CROIX RIVER.

THE ST. CROIX RESERVATION CURRENTLY OCCUPIES 4,700 ACRES AND IS LOCATED IN NORTHWESTERN WISCONSIN. THE ST. CROIX RESERVATION HAS LAND HOLDINGS IN THREE WISCONSIN COUNTIES - BARRON, BURNETT AND POLK. THERE ARE FOUR MAJOR ST. CROIX COMMUNITIES: MAPLE PLAIN LOCATED IN BARRON COUNTY, BIG SAND LAKE AND DANBURY LOCATED IN BURNETT COUNTY, AND ROUND LAKE LOCATED IN POLK COUNTY.

THE ST. CROIX TRIBE WAS KNOWN AS "THE LOST TRIBE" FROM 1854 TO 1934. THE ST. CROIX SIGNED TREATIES IN 1837 AND 1842. THE TREATY OF LAPOINTE IN 1854 ESTABLISHED RESERVATIONS FOR BAD RIVER, RED CLIFF, LAC COURTE ORIELLES AND LAC DU FLAMBEAU. SADLY, ST. CROIX CHIEF YAH-BAYNCE SIGNED WITH THE LAC COURTE ORIELLES CHIEFS, THEREBY GROUPING THE TRIBES TOGETHER. THE ST. CROIX PEOPLE HAD NO FORMAL LANDS AND BECAME SQUATTERS. FORTUNATELY, IN 1934, WITH THE PASSAGE OF THE INDIAN REORGANIZATION ACT, THE ST. CROIX INDIANS WERE GIVEN FEDERAL RECOGNITION AS "ST. CROIX CHIPPEWA INDIANS OF WISCONSIN." THE 1934 ACT

ST. CROIX TEXT (SOUTH)

FOREST COUNTY POTAWATOMI

IN THE BEGINNING, THE NESHNABEK "ORIGINAL PEOPLE" SETTLED ALONG THE SHORES OF THE GREAT SALT WATER, THE ATLANTIC OCEAN. IN THE SIXTEENTH CENTURY NEAR THE STRAITS OF MACKINAW, THE NESHNABEK SPILT INTO THREE GROUPS - THE OJIBWE "KEEPERS OF THE FAITH," THE ODAWA "KEEPERS OF THE TRADE," AND THE BODEWADMI "KEEPERS OF THE FIRE." THIS CONFEDERATION TODAY IS KNOWN AS THE COUNCIL OF THE THREE FIRES AND THE BODEWADMI ARE REFERRED TO AS THE POTAWATOMI.

POTAWATOMI LAND BASE CONSISTED OF WHAT IS NOW LOWER MICHIGAN, PART OF INDIANA, OHIO, ILLINOIS AND WISCONSIN. SOME WISCONSIN CITIES BEARING THE NAMES OF WHAT WERE ONCE POTAWATOMI VILLAGES INCLUDE MILWAUKEE, WAUKESHA, WAUWATOSA, MEQUON, MANITOWOC AND KEWAUNEE.

THE POTAWATOMI WERE FORCED INTO VARIOUS TREATIES STARTING IN 1789 AND CULMINATING WITH THE TREATY OF 1867, WHICH RESULTED IN THE LOSS OF 300 MILLION ACRES OF LAND. THE TREATY OF CHICAGO IN 1833 STIPULATED THAT THE POTAWATOMI BE REMOVED WEST OF THE MISSISSIPPI RIVER WITHIN THREE YEARS. THE MOST ATROCIOUS OF THESE FORCED REMOVALS WAS IN 1838 WITH THE ST. JOSEPHS RIVER BAND IN INDIANA. THIS MARCH BECAME KNOWN AS THE "POTAWATOMI TRAIL OF DEATH."

FEARING THIS REMOVAL TO KANSAS, SOME BANDS BROKE FROM THE MAIN TRIBE AND ESTABLISHED TRIBAL GOVERNMENTS IN OKLAHOMA, WISCONSIN, MICHIGAN AND ONTARIO, CANADA. AROUND 1880, GROUPS SETTLED IN AREAS NEAR BLACKWELL, WABENO, CARTER AND CRANDON. THE POTAWATOMI TRIBE WAS REORGANIZED UNDER THE ACT OF 1934 AND OFFICIALLY BECAME THE FOREST COUNTY POTAWATOMI COMMUNITY. SOME OF THE POTAWATOMI WHO FLED SOUTH NOW LIVE TODAY AMONG THE MEXICAN KICKAPOO INDIANS.

TODAY, LIFE ON THE RESERVATION IS VERY DIFFERENT THAN IT WAS FOR THE ELDERS. BY PURSUING A DIVERSE SET OF BUSINESS MODELS, THE FOREST COUNTY POTAWATOMI IS THE LARGEST EMPLOYER IN FOREST COUNTY. REVENUES FROM TRIBAL ENTERPRISES HAVE ENSURED THE FUTURE OF THEIR PEOPLE.

FOREST COUNTY POTAWATOMI TEXT (SOUTH)

2

RED CLIFF BAND OF LAKE SUPERIOR CHIPPEWA

GREAT BUFFALO AND SEVERAL BAND CHIEFS WERE DELEGATED TO BEGIN THE LONG JOURNEY TO WASHINGTON D.C. TO MEET WITH PRESIDENT MILLARD FILLMORE. THE CHIEFS CARRIED THE WORDS OF THE GRAND COUNCILS AND A "PA-WA-GON," OR GREAT PIPE. FOLLOWING THE MEETING, THE CHIEFS RETURNED HOME WITH THAT PIPE, NOW KNOWN AS THE "BUFFALO PEACE PIPE," WHICH BECAME A SYMBOL OF OUR NATION'S AGREEMENT AND TODAY IS PRESERVED AND PROTECTED BY THE RED CLIFF TRIBE.

THE TREATY OF 1854 WOULD FOREVER CHANGE THE ANISHINAABE AS WELL AS OTHER TRIBES AND WITH THE ESTABLISHMENT OF HOMELAND RESERVATIONS, MARKED THE END OF FEDERAL EFFORTS TO REMOVE TRIBES ONTO LANDS WEST OF THE MISSISSIPPI RIVER.

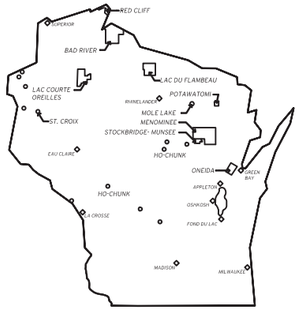
AS THE LARGEST EMPLOYER IN BAYFIELD COUNTY, THE RED CLIFF TRIBE IS A SIGNIFICANT PARTNER FOR THE ECONOMIC PROSPERITY OF THE REGION IN SUSTAINABLE ECONOMIC AND COMMUNITY DEVELOPMENT. THE TRIBE OPERATES A FULL RANGE OF GOVERNMENTAL, CULTURAL AND RECREATIONAL OPPORTUNITIES, PROVIDING SERVICES AND FACILITIES FOR HEALTH CLINICS AND SENIOR CENTERS, TRIBAL FISHERIES AND AQUACULTURE RESEARCH, POLICE, FIRE, CONSERVATION AND EMERGENCY SERVICES. A LAKESIDE RESORT HOTEL, CONFERENCE CENTER, CASINO AND MARINA FACILITY PROVIDE A GATEWAY TO THE ISLANDS AND WATERS OF THE ISLAND ARCHIPELAGO.

THE RED CLIFF MISSION STATEMENT IS "TO PROMOTE, PLAN AND PROVIDE FOR THE HEALTH, WELFARE, EDUCATION, ENVIRONMENTAL PROTECTION, CULTURAL PRESERVATION AND ECONOMIC WELLBEING OF TRIBAL MEMBERS AND TO PROTECT TREATY RIGHTS NOW AND IN THE FUTURE."

2013

RED CLIFF TEXT (NORTH)

HO-CHUNK NATION



CURRENT LOCATIONS OF TRIBAL LAND - 2013

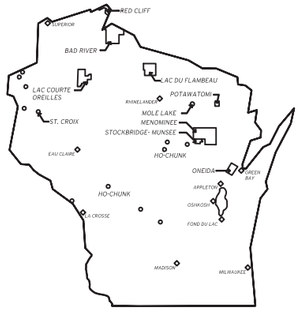
HO-CHUNK MAP (NORTH)

LAC COURTE OREILLES BAND OF LAKE SUPERIOR CHIPPEWA

LAC COURTE OREILLES MAP (NORTH)

SOKAOGON MOLE LAKE BAND OF LAKE SUPERIOR CHIPPEWA

TODAY THE SOKAOGON CHIPPEWA CONTINUE CULTURAL TRADITIONS, ESPECIALLY THE LATE SUMMER WILD RICE HARVESTING AND EARLY SPRING SPEAR FISHING ACTIVITIES. UTILIZING STATE OF THE ART TECHNOLOGY AND RESEARCH, THE SOKAOGON CHIPPEWA CONTINUE TO PROTECT THE RESOURCES FOR FUTURE GENERATIONS. THE TRIBE IS INVESTING IN CULTURAL RESTORATION PROJECTS, ENVIRONMENTAL PLANNING OF THE RESOURCES, EDUCATION OF ITS MEMBERS AND SOCIAL PROGRAMS THAT ENHANCE THE GENERAL HEALTH OF THE TRIBE.



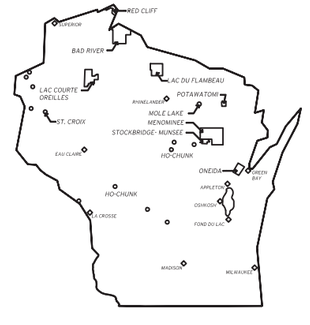
CURRENT LOCATIONS OF TRIBAL LAND - 2013

MOLE LAKE MAP (NORTH)

ST. CROIX BAND OF LAKE SUPERIOR CHIPPEWA

ENABLED THE ST. CROIX PEOPLE TO GAIN RESERVATION LAND, WHICH HAD BEEN DENIED FOR OVER 80 YEARS. IRONICALLY, WHILE THE RESERVATION TRACTS WERE SMALL, THEY WERE ON OR NEAR THE HISTORIC VILLAGE SITES THE PEOPLE HAD BEEN OCCUPYING FOR OVER 200 YEARS.

THE ST. CROIX TRIBE HAS TAKEN MANY GREAT STEPS TOWARDS SELF-SUFFICIENCY. THE TRIBE HAS COME FROM BEING ALL BUT VANQUISHED TO A THRIVING ECONOMIC CENTER IN NORTHWEST WISCONSIN. THE ST. CROIX CHIPPEWA ARE TRULY A MODERN TRIBE. THEY HAVE CONQUERED COUNTLESS OBSTACLES TO BECOME A PROSPEROUS PEOPLE. THEY ARE PROVEN BUSINESS LEADERS, BUT ARE ALSO RICH IN TRADITION AND CULTURE.



CURRENT LOCATIONS OF TRIBAL LAND - 2013

ST. CROIX MAP (NORTH)

FOREST COUNTY POTAWATOMI

CURRENT LOCATIONS OF TRIBAL LAND - 2013

FOREST COUNTY POTAWATOMI MAP (NORTH)

2

LAKE BUTTE DES MORTS CAUSEWAY

THE WISCONSIN DEPARTMENT OF TRANSPORTATION ACKNOWLEDGES THE COLLABORATION BETWEEN THE FEDERAL HIGHWAY ADMINISTRATION, THE 11 FEDERALLY RECOGNIZED TRIBES OF WISCONSIN, THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES, WINNEBAGO COUNTY, AND LOCAL CITIZENS AND OFFICIALS IN DEVELOPING THE ARCHITECTURAL FEATURES OF THE LAKE BUTTE DES MORTS CAUSEWAY. THE CAUSEWAY PAYS HOMAGE TO THE HISTORY OF THE TRIBAL NATIONS IN WISCONSIN AND THE LAKE BUTTE DES MORTS WATERWAY RESOURCES. THE CAUSEWAY CONTAINS THREE BRIDGE LOCATIONS THAT CROSS THE WATERWAY AND A TRAIL INCLUDING OVERLOOKS DEDICATED TO THE TRIBAL NATIONS AND HISTORY OF LAKE BUTTE DES MORTS.

THE DESIGN FOR THE THREE BRIDGE LOCATIONS ON THE WATERWAY WAS DEVELOPED TO RECOGNIZE THE ELEMENTS COMMONLY FOUND IN TRIBAL STORIES. THE NATIVE PEOPLE OFTEN IDENTIFIED AND PRAISED THE SIGNIFICANCE OF THE EARTH, WATER AND FIRE PROVIDED BY THE CREATOR. EACH BRIDGE, THROUGH COLOR AND DESIGN, EMBODIES THE SPIRIT OF THOSE ELEMENTS. THE SOUTHERN-MOST BRIDGE IS THE EARTH BRIDGE, WHOSE EARTHEN COLOR PROVIDES THE BASE THAT ALL LIFE STEMS FROM. A FLOWERING MOTIF CAN BE FOUND ON THE BRIDGE SIGNIFYING THE LIFE FORMS EARTH SUSTAINS. THE LONGEST SPAN OVER THE WATERWAY IS THE WATER BRIDGE. ITS BLUE COLOR AND CURVILINEAR ELEMENTS PROVIDE A GENTLE, FLOWING DESIGN REMINISCENT OF THE WATER BELOW. THE NORTHERN-MOST BRIDGE IS THE FIRE BRIDGE. THE RADIATING WAVES, RED HOT COLOR AND FLAME MOTIFS PROVIDE WARMTH AND GUIDANCE TO ALL WHO CROSS THE BRIDGE.

ALONG THE CAUSEWAY TRAIL, 11 OVERLOOKS ARE DEDICATED TO THE TRIBES OF WISCONSIN. THESE AREAS PROVIDE HISTORY, INSIGHT AND EDUCATION REGARDING EACH TRIBE. THIS OVERLOOK RECOGNIZES THE HISTORY OF THE NATIVE PEOPLE, AND NATURAL RESOURCES.

THE WISCONSIN DEPARTMENT OF TRANSPORTATION ACKNOWLEDGES THE DEDICATED WORK OF THE STAKEHOLDERS IN DEVELOPING THE ARTISTIC INTERPRETATION OF THE HISTORY AND CULTURE OF LAKE BUTTE DES MORTS.

LBDM HISTORY TEXT (1 OF 7)

NATURAL HISTORY OF LAKE BUTTE DES MORTS

THE EARLIEST WRITTEN ACCOUNTS OF LAKE BUTTE DES MORTS DESCRIBE A VAST EXPANSE OF WILD RICE THROUGH A CHANNEL OF THE FOX RIVER. FISH AND OTHER WILDLIFE, ESPECIALLY WATERFOWL AND FURBEARING ANIMALS, WERE IN GREAT ABUNDANCE. THIS CONDITION EXISTED THROUGH THE MID-1850s, AT WHICH TIME A DRAMATIC CHANGE IN WATER LEVELS OCCURRED.

IN THE MID-1850s, TWO DAMS WERE BUILT ON THE TWIN LOWER FOX RIVER OUTLETS OF LAKE WINNEBAGO; ONE EACH AT NEENAH AND MENASHA. THESE DAMS WERE PART OF THE FOX RIVER NAVIGATION PROJECT, WHEREBY THE FOX AND WISCONSIN RIVERS WERE TO BE IMPROVED FOR COMMERCIAL NAVIGATION THROUGH A SERIES OF LOCKS AND DAMS BETWEEN GREEN BAY AND THE MISSISSIPPI RIVER. THIS PROJECT WAS NEVER FULLY REALIZED, BUT THE ENVIRONMENTAL IMPACTS OF DAMMING THE WATERWAY ARE STILL EVIDENT AND ONGOING TO THIS DAY.

THE INITIAL RISE IN WATER LEVELS CREATED BY THE NEENAH AND MENASHA DAMS RAISED THE LEVEL OF LAKE BUTTE DES MORTS TWO FEET. THIS ELANCE OF MUCH OF THE WILD RICE FROM THE DEEPER PARTS OF THE LAKE. IT ALSO CAUSED MUCH OF THE EXTENSIVE SEDGE MARSHES SURROUNDING THE LAKE TO FLOAT. SUBSEQUENTLY, THOUSANDS OF ACRES THESE MARSHES, LOCALLY KNOWN AS "BOG," BROKE AWAY AND FLOATED DOWNSTREAM TO DISINTEGRATE.

THE PERIOD OF GREATEST MARSH LOSS WAS ESSENTIALLY OVER BY THE 1920s. FOR THE NEXT SEVERAL DECADES, WETLAND COMMUNITIES FLOURISHED CONSISTING OF SUBMERGENT PLANTS SUCH AS WILD CELERY AND PONDWEEDS IN DEEPER AREAS, AND BULRUSHES, DUCK POTATOES AND WATER LILIES IN THE SHALLOWS. THIS PROVIDED FOR A CONTINUATION OF FISH AND WILDLIFE. HOWEVER, MODIFICATIONS TO THE NEENAH DAM IN 1937 CAUSED AN ADDITIONAL RISE IN WATER LEVEL OF SIX INCHES, BRINGING THE TOTAL WATER LEVEL CHANGE ON LAKE BUTTE DES MORTS TO APPROXIMATELY TWO AND A HALF FEET ABOVE WHAT IT WAS HISTORICALLY; FROM A MAXIMUM DEPTH OF A LITTLE OVER SIX FEET TO ITS PRESENT NINE FEET. THAT, AND OTHER MAN-MADE ACTIVITIES, PARTICULARLY IN THE POST WORLD WAR II ERA, CAUSED A THIRD AND DRAMATIC CHANGE IN THE WETLANDS OF LAKE BUTTE DES MORTS.

LBDM HISTORY TEXT (2 OF 7)

NATURAL HISTORY OF LAKE BUTTE DES MORTS

A NUMBER OF ENVIRONMENTALLY DETRIMENTAL ACTIVITIES, BOTH ON THE LAKE AND IN THE WATERSHED, BEGAN INTENSIFYING SUBSTANTIALLY IN THE 1950s AND ACCELERATED THROUGH THE 1960s. THESE INCLUDED WETLAND DRAINING AND FILLING, AGRICULTURAL USE AND DEVELOPMENT, SHORELINE ALTERATION AND DEVELOPMENT, RECREATIONAL BOAT TRAFFIC, EXOTIC SPECIES SUCH AS CARP, AND POLLUTION FROM BOTH POINT AND NON-POINT SOURCES. EVENTUALLY, THESE COMBINED TO OVERWHELM THE LAKE'S WETLAND COMMUNITIES, CAUSING SEVERE DECLINES BY THE END OF THE 1960s. TOTAL MEASURABLE WETLAND LOSSES BY THIS TIME WERE AT LEAST 3,800 ACRES, LIKELY MORE, SINCE THE DAMS WERE BUILT. THIS RESULTED IN A GREAT EXPANSION OF THE LAKE'S SURFACE AREA; FROM APPROXIMATELY 5,000 ACRES TO ITS PRESENT 8,857 ACRES.

TODAY IT IS ESTIMATED THAT APPROXIMATELY 11 PERCENT OF LAKE BUTTE DES MORTS' AQUATIC PLANTS REMAIN. THESE FEW PLANTS CONSTITUTE THE REMAINING IN-LAKE WETLAND HABITAT. REESTABLISHMENT OF WETLAND PLANTS IS RESTRICTED BY HIGH WATER LEVELS, RUNOFF, SEDIMENTS AND ALGAE BLOOMS. THE LACK OF PROTECTION AND FILTRATION THAT WETLANDS PROVIDE MAKES IT DIFFICULT TO IMPROVE HABITAT AND WATER QUALITY.

IN THE MID-1980s, THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES BROUGHT TOGETHER CITIZENS FROM THROUGHOUT THE REGION TO IDENTIFY PROBLEMS ON THE WINNEBAGO POOL LAKES, INCLUDING LAKE BUTTE DES MORTS, AND TO DEVELOP SOLUTIONS TO THE PROBLEMS. A REGIONAL PLAN WAS DEVELOPED AND IMPLEMENTED.

AN EXAMPLE OF THE PLAN IMPLEMENTATION WAS THE CREATION OF THE TERRELL'S ISLAND HABITAT RESTORATION AREA. A JOINT EFFORT BETWEEN DNR, THE BUTTE DES MORTS CONSERVATION CLUB, LOCAL CITIZENS AND LEGISLATORS. A TWO MILE LONG BREAKWALL WAS CONSTRUCTED AROUND 1200 ACRE TERRELL'S ISLAND, CREATING A CLEAR, QUIET BACKWATER OF 600 ACRES. NATIVE PLANTS, FISH AND WILDLIFE THRIVE IN THIS AREA. THIS PROJECT ALONE HAS INCREASED AQUATIC PLANT LIFE ON LAKE BUTTE DES MORTS BY 9 PERCENT IN RECENT YEARS. CONTINUING EFFORTS BY THE COMMUNITY AND ORGANIZATIONS PROTECT, RESTORE, AND IMPROVE THE LAKE'S NATURAL RESOURCES.

LBDM HISTORY TEXT (3 OF 7)

HISTORY OF OSHKOSH

OSHKOSH IS LOCATED ON THE WESTERN SHORE OF LAKE WINNEBAGO AND IS BANKED BY THE FOX RIVER AND LAKE BUTTE DES MORTS IN WINNEBAGO COUNTY. LAKE WINNEBAGO WAS CARVED FROM THE SAME LIMESTONE FORMATION THAT CREATES NIAGARA FALLS, 900 MILES EAST OF OSHKOSH.

THE CITY OF OSHKOSH WAS ONCE AN AREA OF FOREST AND PRAIRIE ALONG THE BANKS OF A RIVER CONNECTING TWO INLAND LAKES, LAKE BUTTE DES MORTS AND LAKE WINNEBAGO. NATIVE AMERICANS - THE FOX, MASCOUTIN, MENOMINEE, MIAMI, POTAWOTAMI, SAUK AND THE WINNEBAGOS INHABITED THE REGION. THE PHYSICAL SETTING OF THE AREA PUT THE CITY ON ONE OF THE MAIN EXPLORATION, AND LATER, TRADING ROUTES TO THE INTERIOR CONTINENT.

WEBSTER STANLEY MIGRATED HERE IN 1836 FROM OHIO AND STARTED A FERRYBOAT OPERATION. BROOKLYN, LOCATED ON THE SOUTH SIDE OF THE FOX RIVER, AND ATHENS ON THE NORTH MERGED AND OFFICIALLY ADOPTED THE NAME "OSHKOSH" AFTER THE CHIEF OF THE NEARBY MENOMINEE INDIAN TRIBE. IN 1847, MORRIS FIRMAN BEGAN OPERATING THE FIRST SAWMILL IN OSHKOSH. WITHIN SEVERAL YEARS, SAWMILLS LINED THE FOX RIVER. THE 1859 ARRIVAL OF RAIL TRANSPORTATION PROVIDED AN OPPORTUNITY TO MEET THE DEMANDS OF A RAPIDLY GROWING CONSTRUCTION MARKET. THE GREAT CHICAGO FIRE OF 1871 CREATED A BOOM IN OSHKOSH'S LUMBER TRADE. BY 1873, 24 SAWMILLS, 15 SHINGLE MILLS AND SEVEN SASH AND DOOR FACTORIES WERE IN OPERATION AND OSHKOSH BECAME KNOWN AS "A SAWDUST CITY."

TODAY OSHKOSH HAS AN ABUNDANCE OF SIGHTS AND SOUNDS FOR VISITORS AND RESIDENTS ALIKE TO ENJOY ON THE WESTERN SHORE OF LAKE WINNEBAGO. THE WATERWAYS THAT ONCE PROVIDED TRANSPORTATION FOR EXPLORERS AND POWER FOR SAWMILLS ARE STILL A VITAL PART OF OUR COMMUNITY, ONLY NOW THEY ARE USED FOR RECREATION. OSHKOSH CONTINUES TO GROW AND THRIVE WITH ITS GREATEST ASSET - THE PEOPLE THAT MAKE THIS A GREAT PLACE TO LIVE, WORK AND PLAY.

LBDM HISTORY TEXT (4 OF 7)

THE MESKWAKI AND BIG LAKE BUTTE DES MORTS

THE MESKWAKI (ALSO KNOWN AS THE FOX INDIANS) ARE AN ALGONKIAN TRIBE THAT RELOCATED FROM LOWER MICHIGAN TO EAST CENTRAL WISCONSIN IN THE EARLY 1600S. THEY WERE ONE OF MANY EASTERN TRIBES THAT MIGRATED WESTWARD AS A RESULT OF THE DISRUPTIONS OF THE EASTERN FUR TRADE AND THE CONFLICTS BETWEEN THE FRENCH AND BRITISH COLONIES AND THEIR VARIOUS NATIVE AMERICAN ALLIES.

BY 1680 THE MESKWAKI HAD ESTABLISHED SEVERAL PERMANENT VILLAGES IN THE MIDDLE FOX RIVER VALLEY. THEIR GRAND VILLAGE, WHICH COVERED AT LEAST 45 ACRES, WAS LOCATED ON HIGH GROUND SOUTH OF BIG LAKE BUTTE DES MORTS. THE GRAND VILLAGE OF THE MESKWAKI, IDENTIFIED BY NUMEROUS HISTORIC FRENCH COLONIAL DOCUMENTS, HAS BEEN CONFIRMED THROUGH EXTENSIVE ARCHAEOLOGICAL INVESTIGATIONS AT THE BELL SITE. ANOTHER LARGE MESKWAKI VILLAGE HAS BEEN ARCHAEOLOGICALLY DOCUMENTED ON THE SOUTH SHORE OF DOTY ISLAND AT THE OUTLET OF LAKE WINNEBAGO. A THIRD VILLAGE, LOCATED AT FAHRNEY POINT ON THE SOUTHWEST SHORE OF LAKE WINNEBAGO, HAS ALSO BEEN IDENTIFIED BY HISTORIC DOCUMENTS AND CONFIRMED BY LIMITED ARCHAEOLOGICAL INVESTIGATION. A FOURTH VILLAGE, AT THE INUNDATED CONFLUENCE OF THE WOLF AND UPPER FOX RIVERS AT THE WEST END OF BIG LAKE BUTTE DES MORTS, IS KNOWN ONLY FROM HISTORIC DOCUMENTS.

THESE VILLAGE LOCATIONS GAVE THE MESKWAKI CONTROL OVER THE LUCRATIVE FUR TRADE AND THE FOX-WISCONSIN WATERWAY, THE MAIN TRADE AND TRAVEL ROUTE BETWEEN LAKE MICHIGAN AND THE UPPER MISSISSIPPI RIVER VALLEY. MESKWAKI POLITICAL AND ECONOMIC INFLUENCE SPREAD THROUGHOUT THE UPPER MIDWEST AND BROUGHT THEM INTO COMPETITION WITH THE FRENCH. THIS COMPETITION AND THE CONFLICTING GOALS OF THE FRENCH AND MESKWAKI ERUPTED INTO THE FRENCH AND FOX WARS (1712-1716 AND 1728-1737).

LBDM HISTORY TEXT (5 OF 7)

THE MESKWAKI AND BIG LAKE BUTTE DES MORTS

IN 1716, A FORCE OF NEARLY 800 FRENCH AND THEIR NATIVE AMERICAN ALLIES ATTACKED THE GRAND VILLAGE OF THE MESKWAKI. AFTER THREE DAYS OF SIEGE, WHICH INCLUDED THE USE OF ARTILLERY, THE MESKWAKI WERE FORCED TO SURRENDER. ARCHAEOLOGICAL INVESTIGATION OF THE BELL SITE (THE GRAND VILLAGE OF THE MESKWAKI) HAS PRODUCED FRAGMENTS OF EXPLOSIVE MORTAR SHELLS, CONFIRMING THE IDENTIFICATION OF THE SITE WITH THE MESKWAKI.

THE 1716 BATTLE BROUGHT PEACE AND PROVIDED FOR FRENCH ACCESS TO THE FOX-WISCONSIN WATERWAY. THIS TEMPORARY PEACE LASTED ONLY UNTIL 1728. BECAUSE THE 1716 EXPEDITION DID NOT SETTLE THE ISSUES THAT LED TO THE WAR, IT WAS INEVITABLE THAT CONFLICT WOULD RE-ERUPT. AS A CONSEQUENCE OF THE RESUMPTION OF HOSTILITIES MARKED BY THE SECOND FRENCH AND FOX WAR THE FRENCH ESTABLISHED A FORMAL POLICY OF GENOCIDE, INTENDING TO COMPLETELY DESTROY THE MESKWAKI.

TWO MORE FRENCH EXPEDITIONS (1728 AND 1730) AND INTENSIFIED WARFARE BETWEEN THE MESKWAKI AND THE NATIVE AMERICAN ALLIES OF THE FRENCH FORCED THE MESKWAKI TO PERMANENTLY ABANDON THE FOX RIVER VALLEY IN 1730. THE FRENCH GENOCIDAL POLICY RESULTED IN SEVERAL MASSACRES AND SIGNIFICANTLY DECREASED THE MESKWAKI POPULATION.

AFTER 1730, THE MESKWAKI RELOCATED TO THE LOWER WISCONSIN RIVER VALLEY AND THE SURROUNDING PORTIONS OF SOUTHWESTERN WISCONSIN. FOLLOWING THE ESTABLISHMENT OF AMERICAN CONTROL FOR THE TERRITORY, ESPECIALLY FOLLOWING THE END OF THE WAR OF 1812, THE MESKWAKI HAD LARGELY MIGRATED TO IOWA. DESPITE A FORCED RELOCATION TO KANSAS, MOST OF THE MESKWAKI RETURNED TO IOWA. THE MAJORITY OF THE MESKWAKIS STILL RESIDE IN IOWA, ON THEIR SETTLEMENT NEAR TAMA.

FOLKLORE AND AN IMPERFECT UNDERSTANDING OF THE FRENCH AND FOX WARS HAVE MEMORIALIZED PORTIONS OF THE MESKWAKI HISTORY. THE NUMEROUS LATE PREHISTORIC BURIALS (AND UNRELATED TO THE MESKWAKI) THAT HAVE BEEN DISTURBED BY CONSTRUCTION IN THE VILLAGE OF BUTTE DES MORTS ON THE NORTH SHORE OF BIG LAKE BUTTE DES MORTS WERE FREQUENTLY BUT INCORRECTLY LINKED TO THE BATTLE DEATHS SUFFERED BY THE MESKWAKI DURING THE FRENCH AND FOX WARS. THE HIGH GROUND CAME TO BE KNOWN AS THE "HILL OF THE DEAD" (OR "BUTTE DES MORTS") AND LENT ITS NAME TO THE ADJACENT LAKE.

LBDM HISTORY TEXT (6 OF 7)

2

THE MESKWAKI AND BIG LAKE BUTTE DES MORTS

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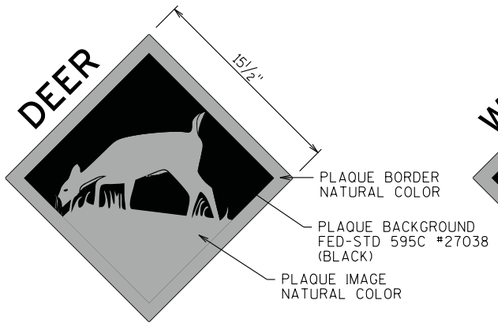
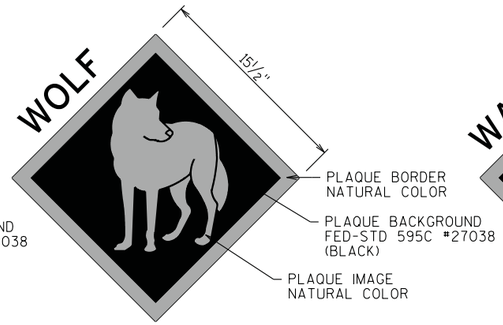
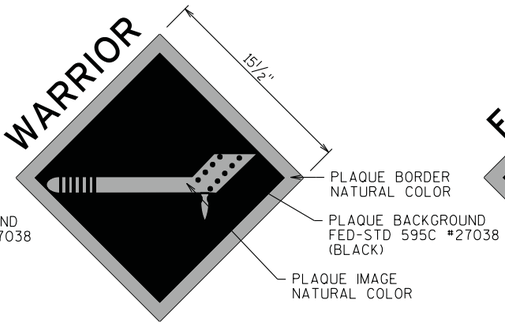
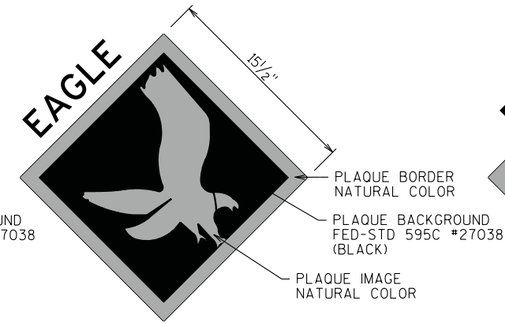
LBDM HISTORY TEXT (7 OF 7)

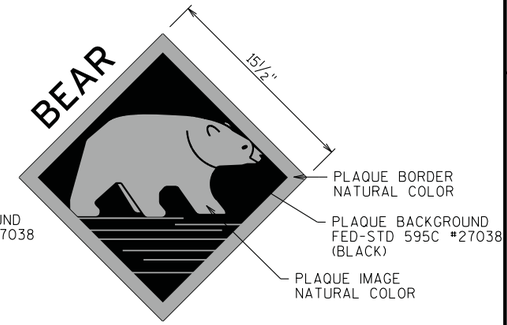
PROJECT NO:1120-11-89	HWY:USH 41	COUNTY:WINNEBAGO	CONSTRUCTION DETAILS – PLAQUE ALUMINUM TYPE 1	SHEET 42	E

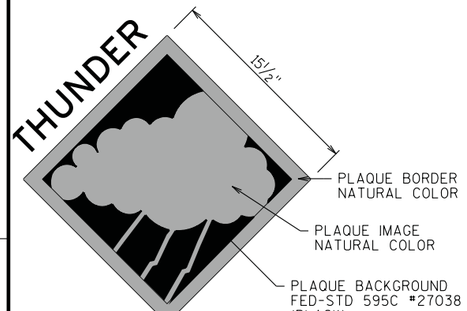


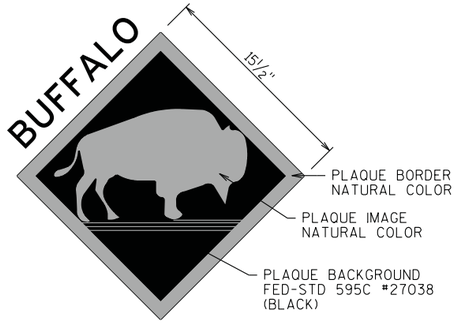


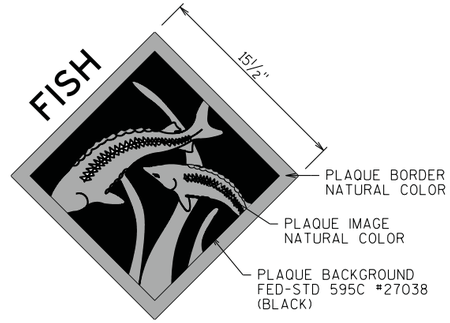


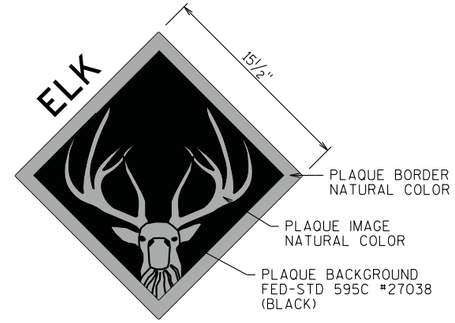


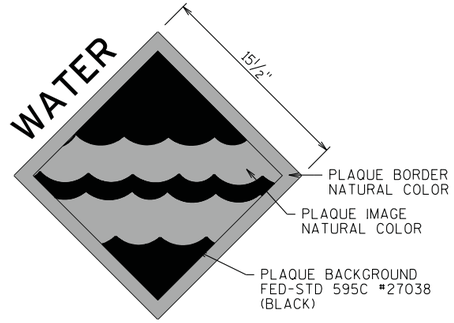


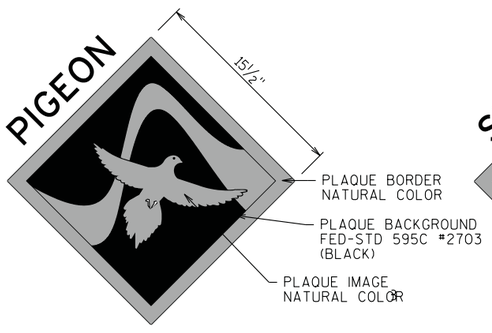


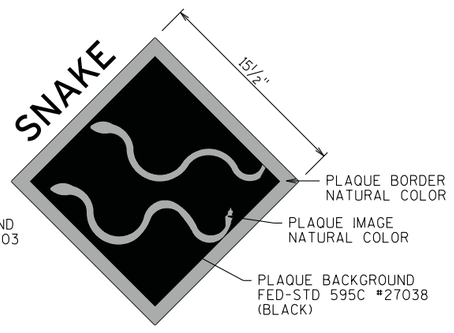










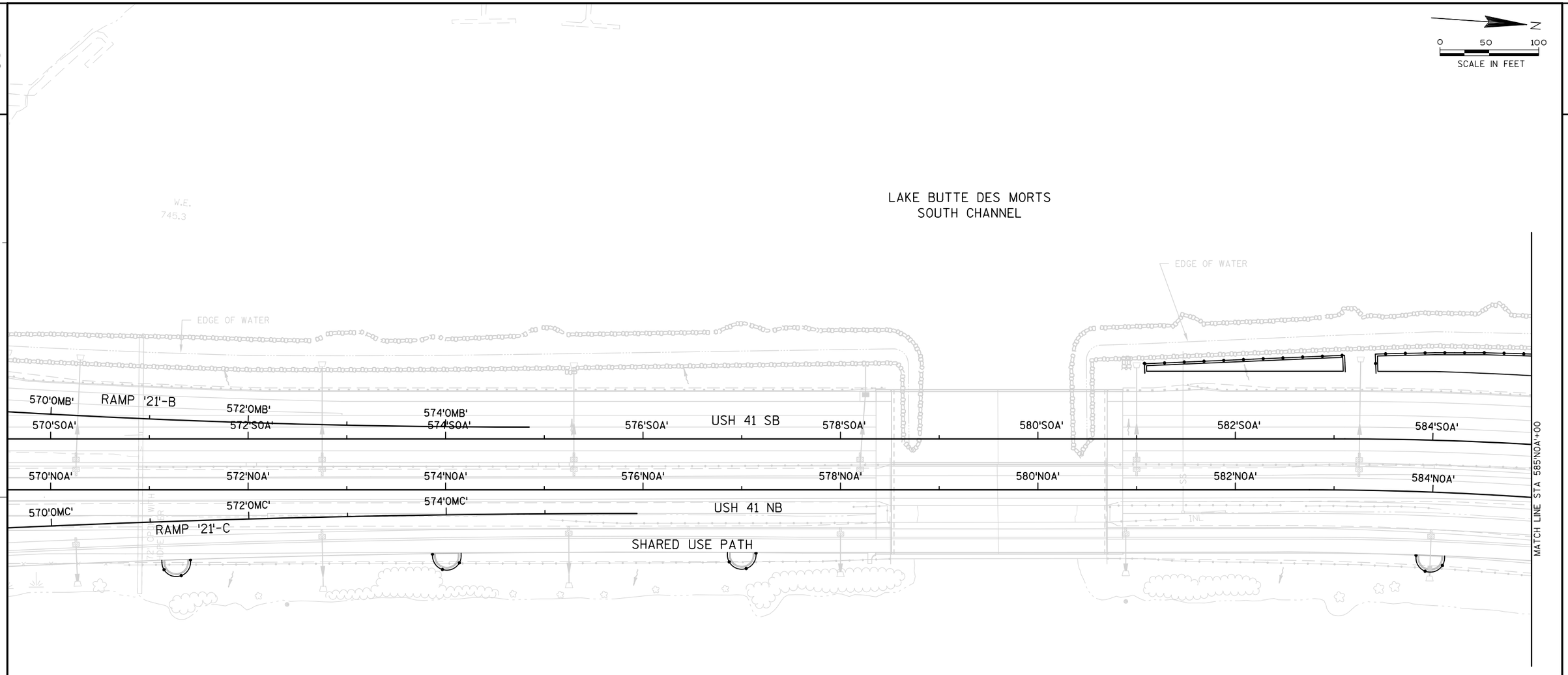


THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
■	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
☐	OFFERING FIRE (13)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS - PLAQUE ALUMINUM TYPE 2	SHEET E

2



LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

NOTE:

* INLET PROTECTION SHALL BE TYPE C UNLESS OTHERWISE NOTED IN THE PLANS.

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 44	E

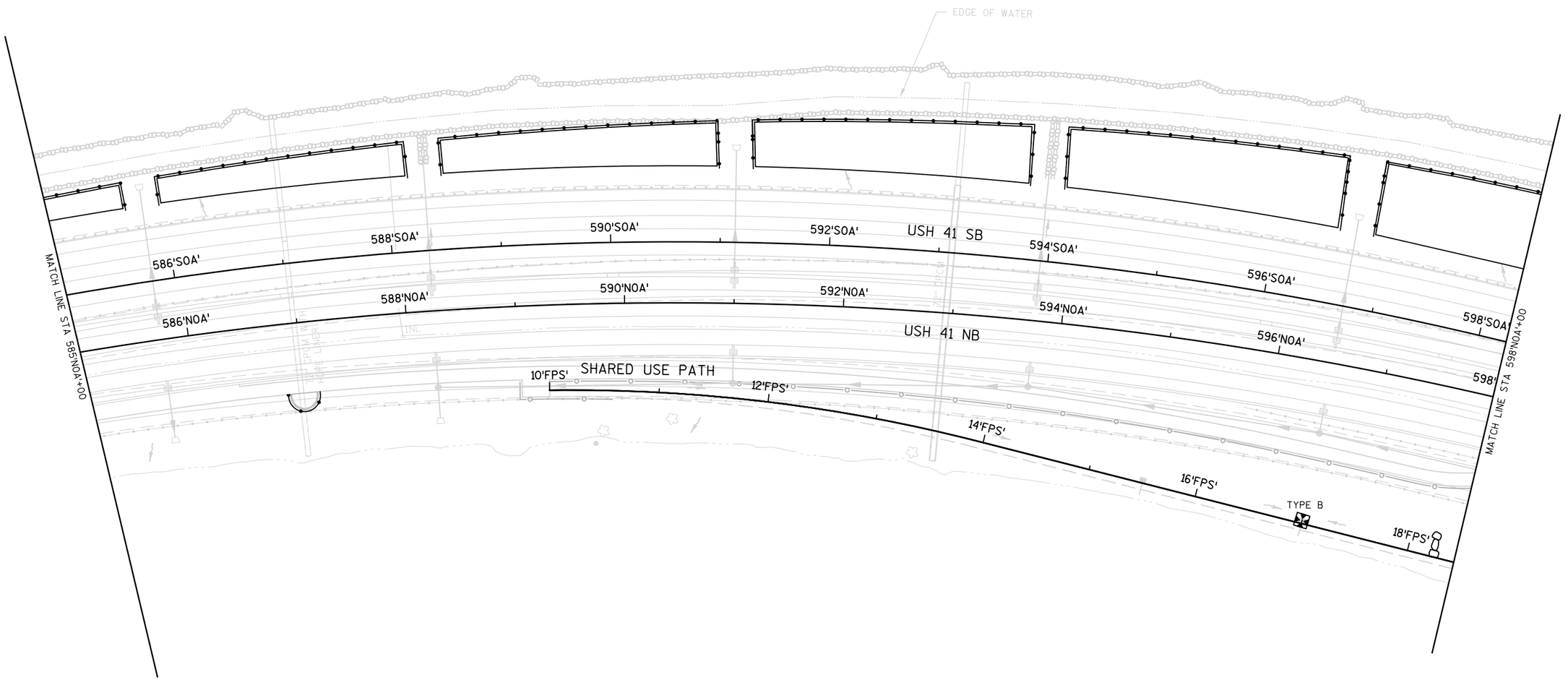
2

LAKE BUTTE DES MORTS

N

0 50 100

SCALE IN FEET



LAKE BUTTE DES MORTS

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LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 45	E

2

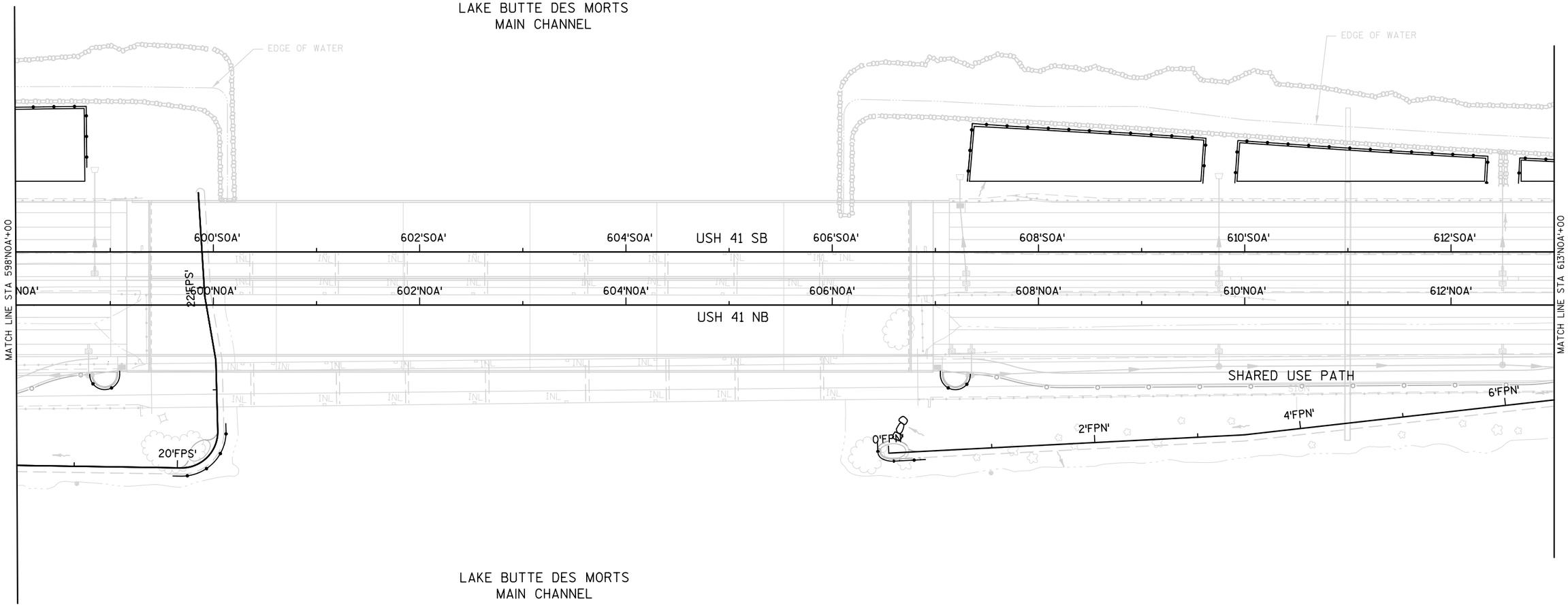
N

0 50 100

SCALE IN FEET

LAKE BUTTE DES MORTS
MAIN CHANNEL

LAKE BUTTE DES MORTS
MAIN CHANNEL



LAKE BUTTE DES MORTS
MAIN CHANNEL

NOTE:

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LEGEND

- SILT FENCE
- INLET PROTECTION *
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- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 46	E

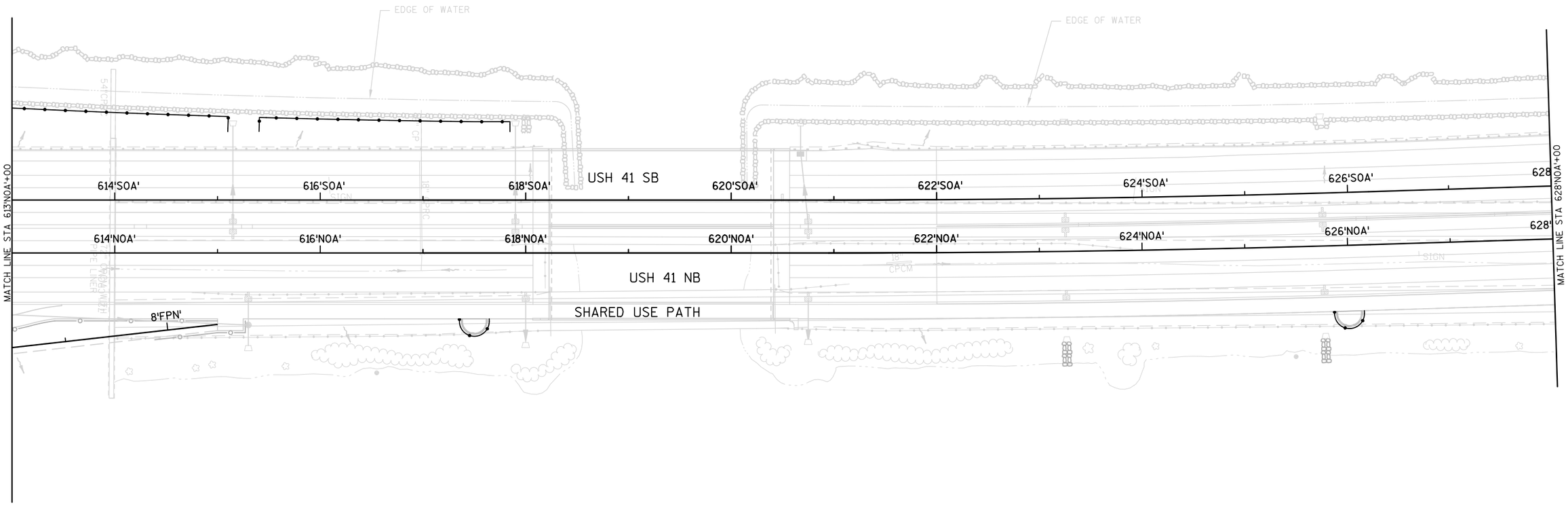
2

2

LAKE BUTTE DES MORTS
MAIN CHANNEL

N

0 50 100
SCALE IN FEET



LAKE BUTTE DES MORTS
MAIN CHANNEL

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LEGEND

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- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
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- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 47	E

FILE NAME : ch_1189_022004_ect.dgn PLOT DATE : 18-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

N

0 50 100

SCALE IN FEET

LAKE BUTTE DES MORTS
MAIN CHANNEL

EDGE OF WATER

R/W

MATCH LINE STA 628'NOA'+00

630'SOA' 632'SOA' 634'SOA' 636'SOA' 638'SOA' 640'SOA' 642'SOA'

630'NOA' 632'NOA' 634'NOA' 636'NOA' 638'NOA' 640'NOA' 642'NOA'

SIGN

SS

SUBS

END CONSTRUCTION
I.D.1120-11-89
STA 633'NOA'+41.09

LAKE BUTTE DES MORTS
MAIN CHANNEL

LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

NOTE:

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PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 48	E

LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

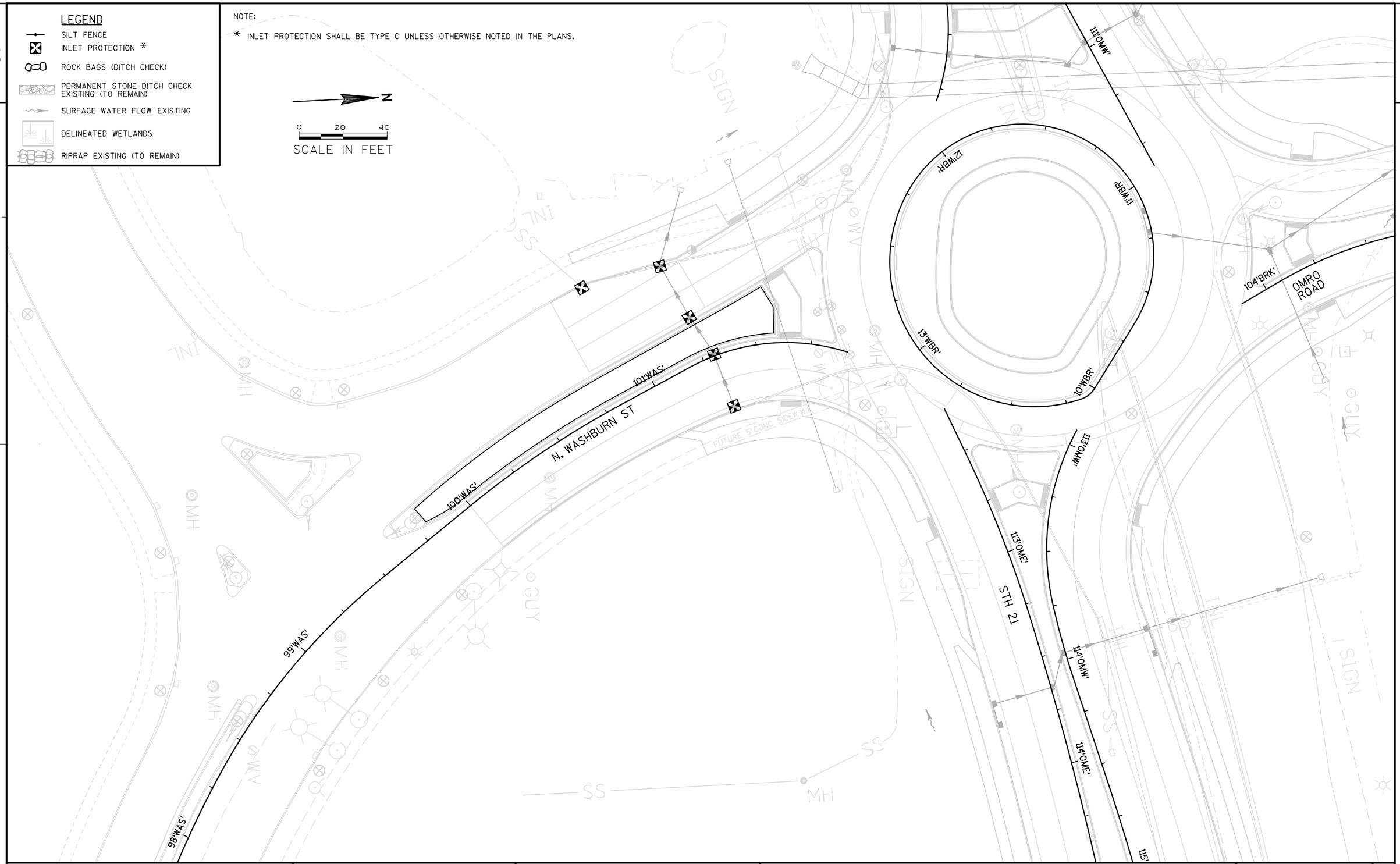
NOTE:

* INLET PROTECTION SHALL BE TYPE C UNLESS OTHERWISE NOTED IN THE PLANS.

N

0 20 40

SCALE IN FEET

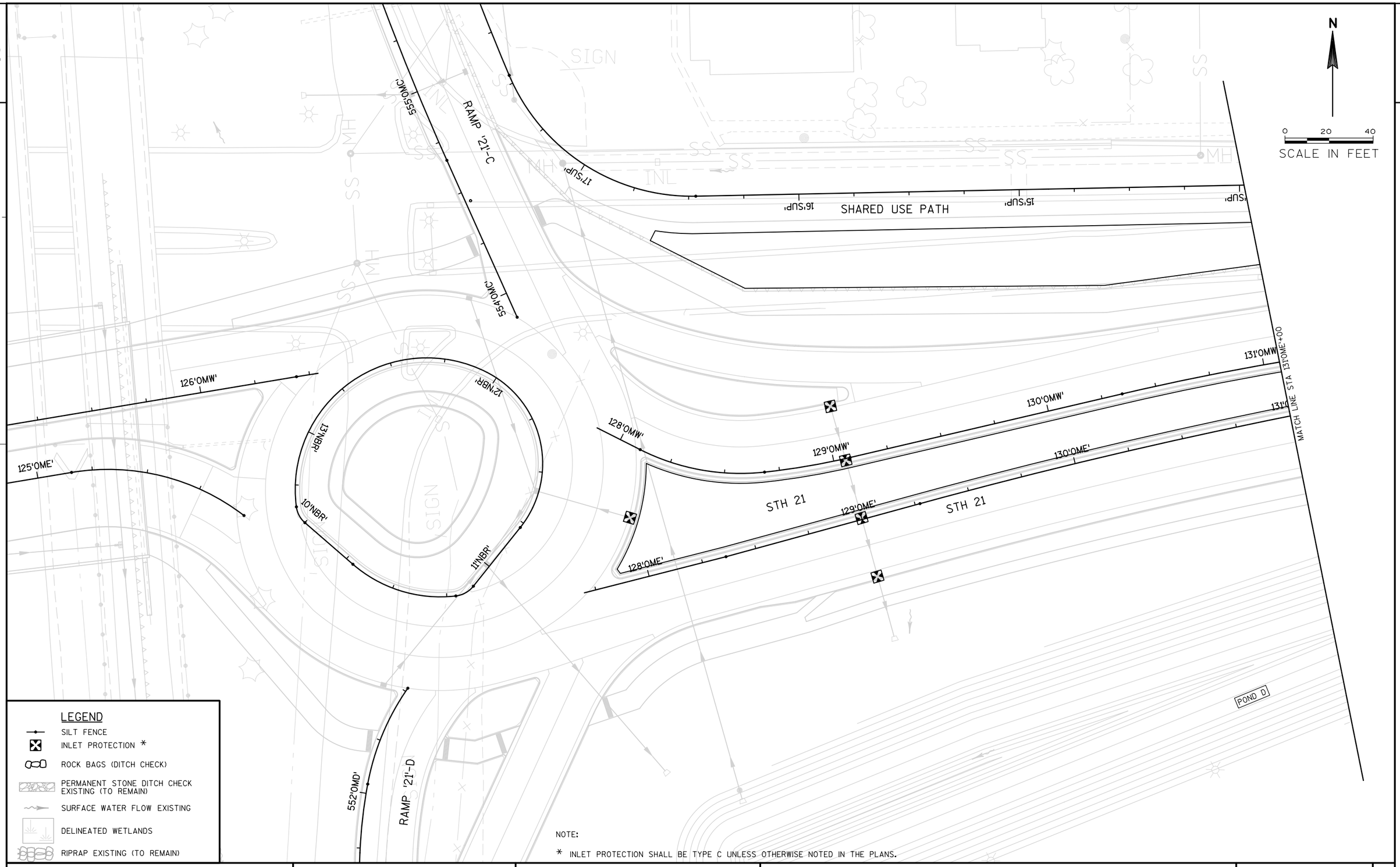


PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 49	E

FILE NAME : ch_1189_022006_ect.dgn PLOT DATE : 18-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



LEGEND

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- INLET PROTECTION *
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PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 50	E

FILE NAME : ch_1189_022007_ect.dgn PLOT DATE : 18-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

NOTE:

* INLET PROTECTION SHALL BE TYPE C UNLESS OTHERWISE NOTED IN THE PLANS.

N

0 20 40

SCALE IN FEET

N. KOELLER STREET

SHARED USE PATH

STH 21

ALLEY ST

MATCH LINE STA 131'0ME'+00

MATCH LINE STA 137'0ME'+00

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 51	E

2

2

N

0 20 40

SCALE IN FEET

MATCH LINE STA 137'0ME'+00

137'0MW'

137'0ME'

138'0MW'

138'0ME'

139'0MW'

139'0ME'

140'0MW'

140'0ME'

141'0ME'

142'0ME

143'0M

STH 21

STH 21 / OSHKOSH AVE

ALLEY ST

SIGN

SIGN

MH

MH

INL

INL

SS

SS

W

W

NOTE:

* INLET PROTECTION SHALL BE TYPE C UNLESS OTHERWISE NOTED IN THE PLANS.

LEGEND

- SILT FENCE
- INLET PROTECTION *
- ROCK BAGS (DITCH CHECK)
- PERMANENT STONE DITCH CHECK EXISTING (TO REMAIN)
- SURFACE WATER FLOW EXISTING
- DELINEATED WETLANDS
- RIPRAP EXISTING (TO REMAIN)

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	EROSION CONTROL TEMPORARY	SHEET 52	E

FILE NAME : ch_1189_022009_ect.dgn PLOT DATE : 18-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR WILL BE FULLY RESPONSIBLE FOR REPAIRING ANY AND ALL EXISTING LAWN AREAS DISTURBED BY PLANTING OPERATIONS WITH WISDOT NO. 40 SEED MIX AND APPROPRIATE EROSION CONTROL MATERIAL AND/OR MULCH ACCORDING TO SECTION 630 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES CONSTRUCTION, CURRENT EDITION AND EROSION CONTROL PLANS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING AND PROPOSED UTILITIES AND SHALL ADJUST PLANT LOCATIONS AS NECESSARY TO ACCOMMODATE UTILITY REQUIREMENTS.

PLANS PREPARED BY KEN SAIKI DESIGN, MADISON, WI
(608) 251-3600

USH 41

BROOKS LN.

STH 21 / OMRO RD.

Sheet 1

Sheet 4

Sheet 5

Sheet 6

Sheet 7

Sheet 8

Sheet 9

Sheet 10

NORTH WASHBURN ST.

OSHKOSH AVE.

USH 41

LEGEND

- abc / xx — PLANT SYMBOL / QUANTITY
- XXX — STATION POINT
- DECIDUOUS PLANT MATERIAL LOCATION
- EVERGREEN PLANT MATERIAL LOCATION
- 1 — SHREDDED HARDWOOD BARK MULCH BED

0' 100' 200' 400'

SCALE 1" = 200'-0"

1 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANTING OVERVIEW - STH 21	SHEET	E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :200:1

WISDOT/CADDS SHEET 42

2

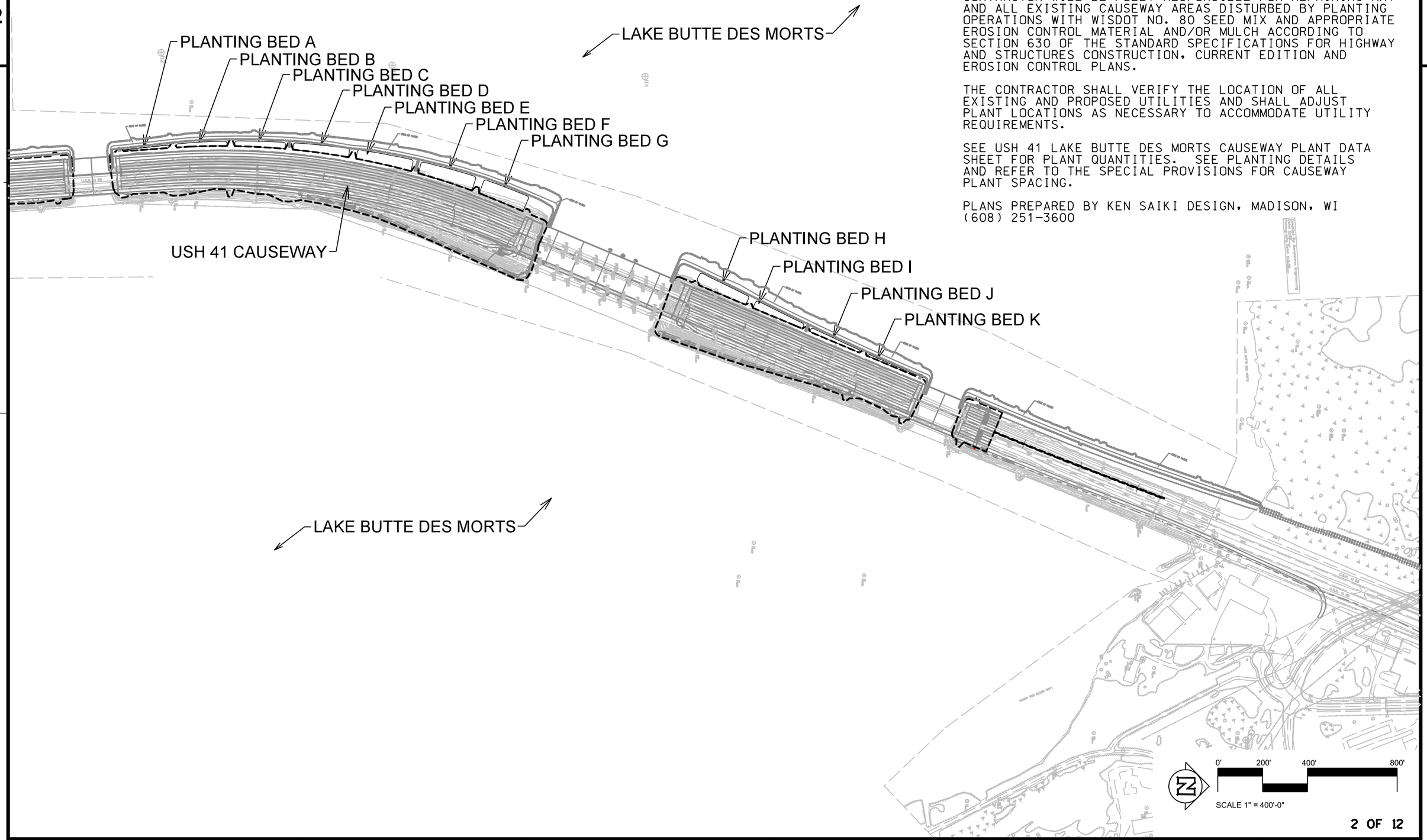
NOTES:

CONTRACTOR WILL BE FULLY RESPONSIBLE FOR REPAIRING ANY AND ALL EXISTING CAUSEWAY AREAS DISTURBED BY PLANTING OPERATIONS WITH WISDOT NO. 80 SEED MIX AND APPROPRIATE EROSION CONTROL MATERIAL AND/OR MULCH ACCORDING TO SECTION 630 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES CONSTRUCTION, CURRENT EDITION AND EROSION CONTROL PLANS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING AND PROPOSED UTILITIES AND SHALL ADJUST PLANT LOCATIONS AS NECESSARY TO ACCOMMODATE UTILITY REQUIREMENTS.

SEE USH 41 LAKE BUTTE DES MORTS CAUSEWAY PLANT DATA SHEET FOR PLANT QUANTITIES. SEE PLANTING DETAILS AND REFER TO THE SPECIAL PROVISIONS FOR CAUSEWAY PLANT SPACING.

PLANS PREPARED BY KEN SAIKI DESIGN, MADISON, WI
(608) 251-3600



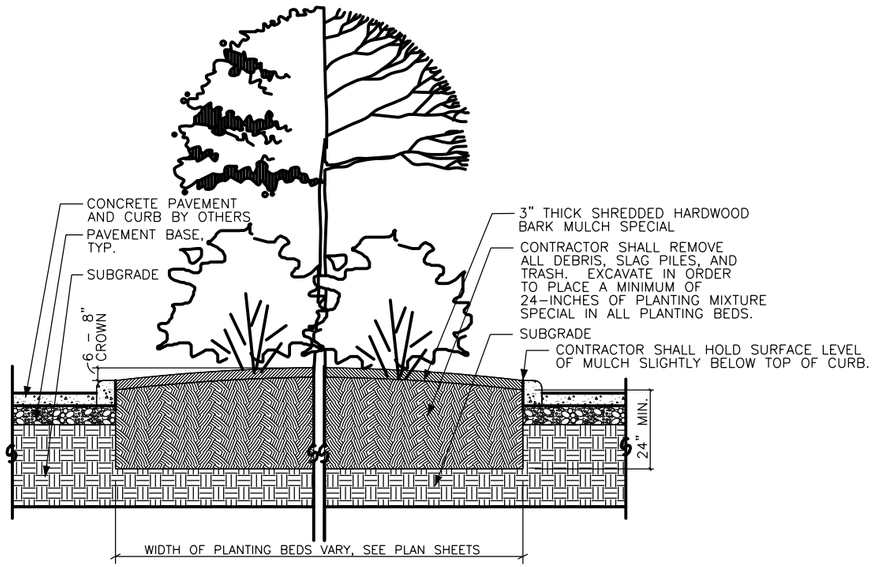
2 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANTING OVERVIEW - USH 41 CAUSEWAY	SHEET E

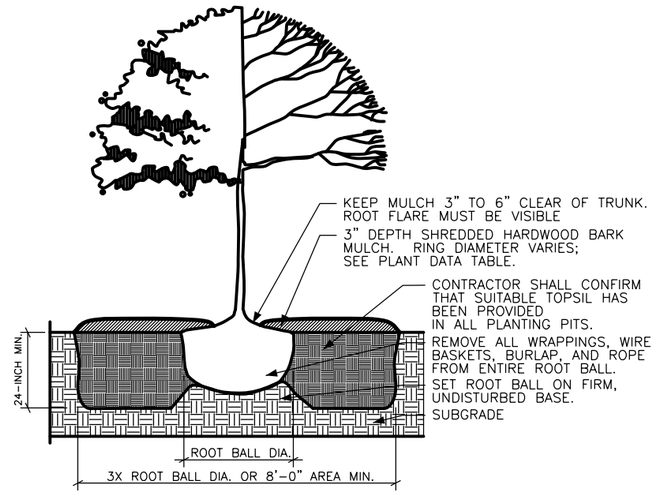
FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :200:1

WISDOT/CADDS SHEET 42

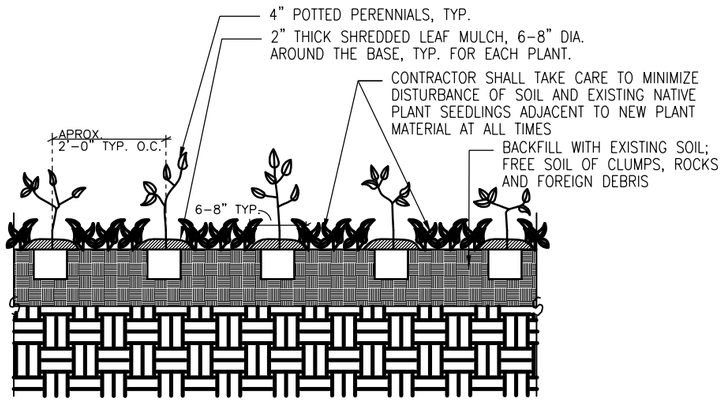
2



1 STH 21 MEDIAN PLANTING BED BEDS 1-3 — DETAIL NOT TO SCALE



2 STH 21 TREE PLANTING IN LAWN BED 4 — DETAIL NOT TO SCALE



3 US 41 / LAKE BUTTE DES MORTS CAUSEWAY 4-INCH PERENNIAL PLANTING — DETAIL NOT TO SCALE

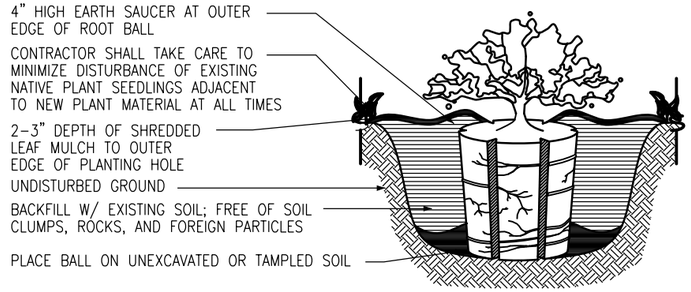
NOTES:

FOR CONTAINER SHRUBS: MAKE 1"-2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL BEFORE PLANTING.

PLANT EACH SHRUB SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.

DO NOT PLACE MULCH IN CONTACT WITH STEM



4 US 41 / LAKE BUTTE DES MORTS CAUSEWAY SHRUB PLANTING — DETAIL NOT TO SCALE

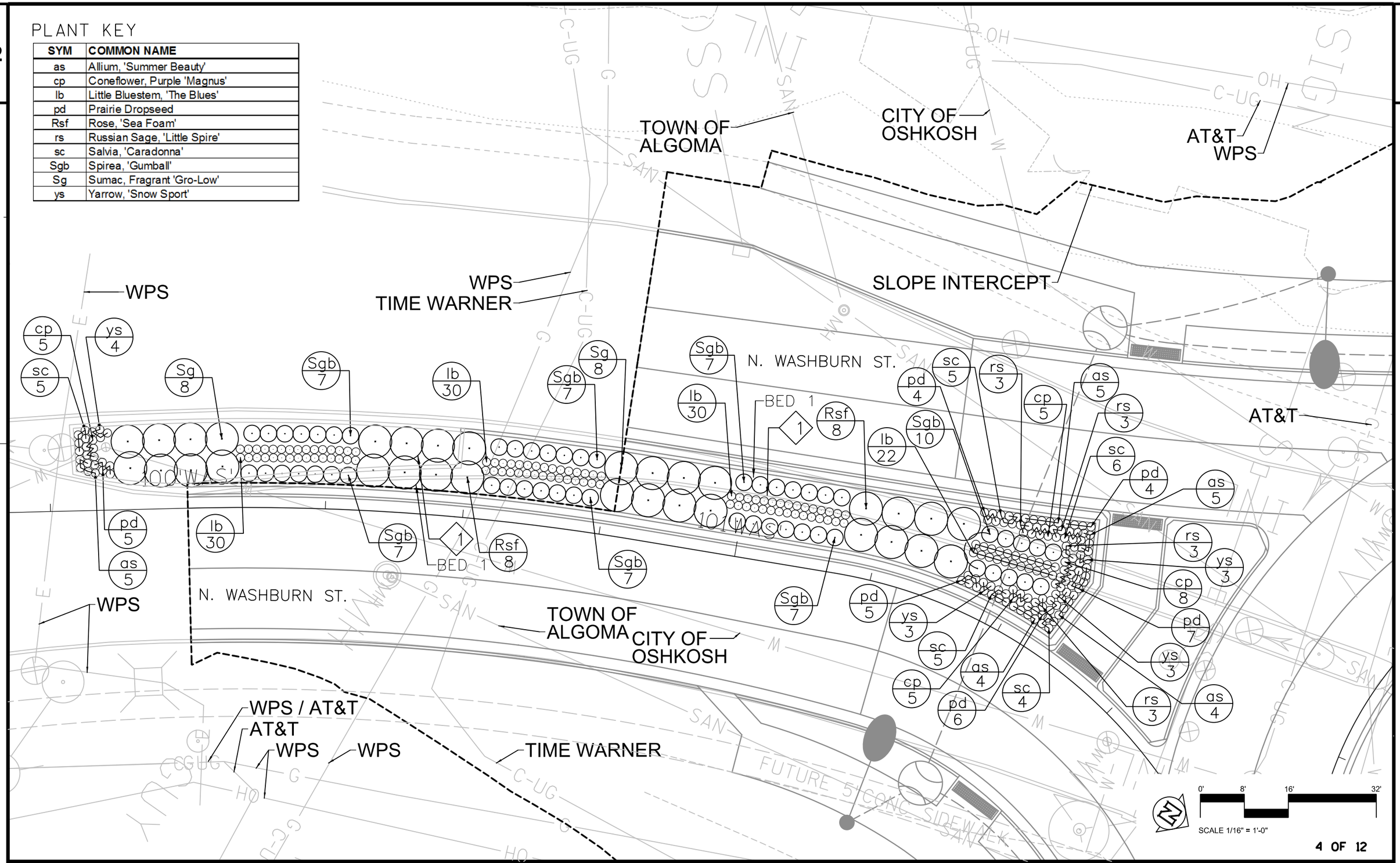
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANTING DETAILS	SHEET	E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :

2

PLANT KEY

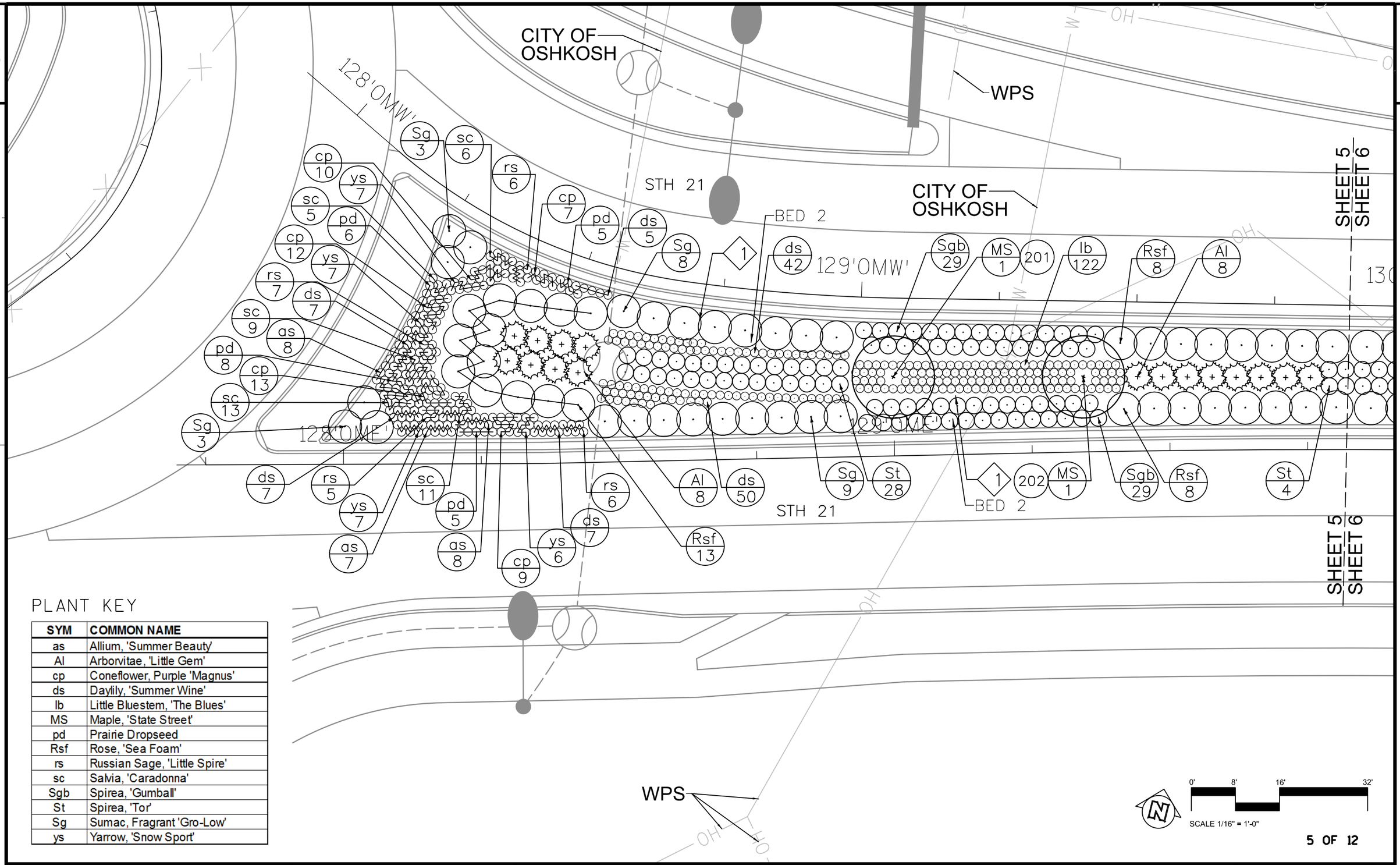
SYM	COMMON NAME
as	Allium, 'Summer Beauty'
cp	Coneflower, Purple 'Magnus'
lb	Little Bluestem, 'The Blues'
pd	Prairie Dropseed
Rsf	Rose, 'Sea Foam'
rs	Russian Sage, 'Little Spire'
sc	Salvia, 'Caradonna'
Sgb	Spirea, 'Gumball'
Sg	Sumac, Fragrant 'Gro-Low'
ys	Yarrow, 'Snow Sport'



4 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 1	SHEET E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21•Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE : 1"=16'-0"
WISDOT/CADDS SHEET 42



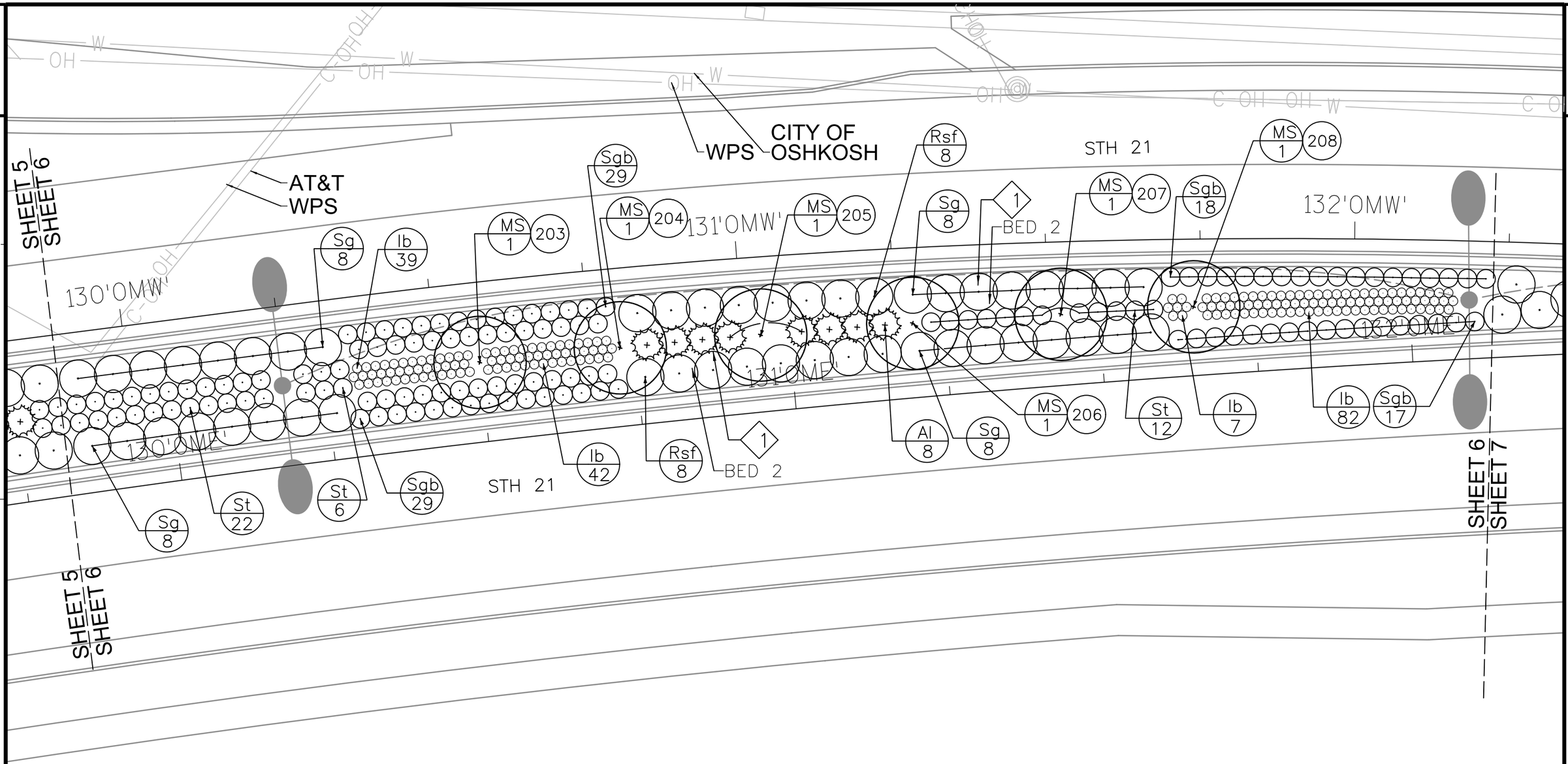
PLANT KEY

SYM	COMMON NAME
as	Allium, 'Summer Beauty'
Al	Arborvitae, 'Little Gem'
cp	Coneflower, Purple 'Magnus'
ds	Daylily, 'Summer Wine'
lb	Little Bluestem, 'The Blues'
MS	Maple, 'State Street'
pd	Prairie Dropseed
Rsf	Rose, 'Sea Foam'
rs	Russian Sage, 'Little Spire'
sc	Salvia, 'Caradonna'
Sgb	Spirea, 'Gumball'
St	Spirea, 'Tor'
Sg	Sumac, Fragrant 'Gro-Low'
ys	Yarrow, 'Snow Sport'

5 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 2	SHEET	E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21•Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :1"=16'-0"
WISDOT/CADDS SHEET 42



PLANT KEY

SYM	COMMON NAME
Al	Arborvitae, 'Little Gem'
Ib	Little Bluestem, 'The Blues'
MS	Maple, 'State Street'
Rsf	Rose, 'Sea Foam'
Sgb	Spirea, 'Gumball'
St	Spirea, 'Tor'
Sg	Sumac, Fragrant 'Gro-Low'

N

0' 8' 16' 32'

SCALE 1/16" = 1'-0"

6 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 2	SHEET

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :1"=16'-0"
WISDOT/CADDS SHEET 42

2

C OH OH W

WPS
CITY OF
OSHKOSH

134'OMW'

STH 21 133'OMW'

134'OME'

133'OME'

1

BED 2

STH 21

Rsf 8

MS 1 209

MS 1 210

Sg 5

SHEET 6
SHEET 7

PLANT KEY

SYM	COMMON NAME
MS	Maple, 'State Street'
Rsf	Rose, 'Sea Foam'
Sg	Sumac, Fragrant 'Gro-Low'

N

0' 8' 16' 32'

SCALE 1/16" = 1'-0"

7 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 2	SHEET E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :1"=16'-0"

PLANT KEY

SYM	COMMON NAME
as	Allium, 'Summer Beauty'
cp	Coneflower, Purple 'Magnus'
lb	Little Bluestem, 'The Blues'
pd	Prairie Dropseed
Rsf	Rose, 'Sea Foam'
rs	Russian Sage, 'Little Spire'
sc	Salvia, 'Caradonna'
Sgb	Spirea, 'Gumball'
Sg	Sumac, Fragrant 'Gro-Low'
ys	Yarrow, 'Snow Sport'

CITY OF OSHKOSH
WPS
TIME WARNER
WPS
TIME WARNER
WPS
WPS
WPS
WPS
STH 21
BED 3
STH 21
BED 3
136'0ME'
137'0ME'
137'0MW'
138'0ME'
138'0MW'
as 5
pd 3
ys 3
sc 4
rs 3
sc 6
cp 5
pd 5
lb 24
cp 8
Sgb 6
as 4
lb 10
Rsf 4
1
ys 5
pd 6
rs 3
ys 5
Sg 6
Sgb 16
1
Sgb 16
Sg 4
Sgb 16
sc 5
as 6
cp 5
Sgb 6
0' 8' 16' 32'
SCALE 1/16" = 1'-0"
8 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 3	SHEET E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE : 1"=16'-0"
WISDOT/CADDS SHEET 42

2

2

PLANT KEY

SYM	COMMON NAME
CR	Crabapple, Redbud
CS1	Crabapple, Sargent (Shrub Form Tree)

AT&T

CITY OF OSHKOSH

CITY OF OSHKOSH

WPS

WPS

CITY OF OSHKOSH

CS1 2 402

401

WPS

CS1 1 403 SHARED USE PATH

CITY OF OSHKOSH

WPS

WPS

BED 4

CR 3 406

404

405

SHEET 9
SHEET 10

SHEET 9
SHEET 10

0' 8' 16' 32'

SCALE 1/16" = 1'-0"

9 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 4	SHEET E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :1"=16'-0"

WISDOT/CADDS SHEET 42

PLANT KEY

SYM	COMMON NAME
CR	Crabapple, Redbud
CS1	Crabapple, Sargent (Shrub Form Tree)

WPS
TIME WARNER
AT&T

SHEET 9
SHEET 10

AT&T
WPS
WPS
AT&T

WPS
AT&T
WPS
WPS
AT&T
WPS

CS1 1 407
408
CR 2 409
CS1 1 410

TIME
WARNER
WPS

BED 4

SHARED USE PATH

S.T.H. 21

TIME
WARNER

CITY OF
OSHKOSH

SCALE 1/16" = 1'-0"

10 OF 12

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLANT LAYOUT - PLANTING BED 4	SHEET	E

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :1"=16'-0"

WISDOT/CADDS SHEET 42

LOCATION: USH 41 AT STH 21

PLANS PREPARED BY KEN SAIKI DESIGN,
MADISON, WI (608) 251-3600

PLANT DATA TABLE

Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace Or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail
							Ball/Pot		Root	Plant Hole						
							Diameter	Depth	Spread	Diameter	Depth					
	Deciduous Canopy Trees															
MS	Maple, 'State Street'	*Acer miyabei 'Morton'*	2T	30-40' Ht.	2" Cal.	B&B	24"	14"	-------	48"	14"	See SPV	4	Yes	BED	BED 2
	Deciduous Ornamental Trees															
CR	Crabapple, Redbud	*Malus x zumi calocarpa*	4T	15-20' Ht.	2" Cal.	B&B	24"	14"	-------	48"	14"	See SPV	4	Yes	60"	-------
CS1	Crabapple, Sargent (Shrub Form Tree)	*Malus sargentii (Shrub Form Tree)*	4T	6-8' Ht.	6' Ht.	B&B	18"	12"	-------	42"	12"	See SPV	4	Yes	54"	-------
	Deciduous Ornamental Shrubs															
Rsf	Rose, 'Sea Foam'	*Rosa 'Sea Foam'*	2S	2-3' Ht.	24" Sp./ # 2	CONT	20"	15"	-------	36"	20"	-------	2	No	BED	BED 1,2,3
Sgb	Spirea, 'Gumball'	*Spiraea japonica 'Gumball'*	2S	2' Ht.	18" Ht. / #2	CONT	20"	15"	-------	36"	20"	-------	2	No	BED	BED 1,2,3
St	Spirea, 'Tor'	*Spiraea betulifolia 'Tor'*	2S	3' Ht.	18" Ht. / #2	CONT	20"	15"	-------	36"	20"	-------	2	No	BED	BED 2
Sg	Sumac, Fragrant 'Gro-Low'	*Rhus aromatica 'Gro-Low'*	2S	2-3' Ht.	24" Sp./ # 2	CONT	20"	15"	-------	36"	20"	-------	2	No	BED	BED 1,2,3
	Evergreen Shrubs															
Al	Arborvitae, 'Little Gem'	*Thuja occidentalis 'Little Gem'*	3C	3' Ht.	24" Ht./ # 3	CONT	20"	15"	-------	36"	20"	-------	2	No	BED	BED 2
	Perennials / Ornamental Grasses															
as	Allium, 'Summer Beauty'	*Allium x 'Summer Beauty'*	4V	1-1.5' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
cp	Coneflower, Purple 'Magnus'	*Echinacea purpurea 'Magnus'*	4V	2-3' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
ds	Daylily, 'Summer Wine'	*Hemerocallis 'Summer Wine'*	4V	1.5-2' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 2
lb	Little Bluestem, 'The Blues'	*Schizachyrium scoparium 'The Blues'*	4V	2-3'	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
pd	Prairie Dropseed	*Sporobolus heterolepis*	4V	1.5-3'	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
rs	Russian Sage, 'Little Spire'	*Perovskia atriplicifolia 'Little Spire'*	4V	2-3' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
sc	Salvia, 'Caradonna'	*Salvia nemorosa 'Caradonna'*	4V	1.5-2' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3
ys	Yarrow, 'Snow Sport'	*Achillea hybrida 'Snow Sport'*	4V	1.5' Ht.	1 gal.	CONT	10"	10"	-------	14"	-------	-------	1	No	BED	BED 1,2,3

PLANT QUANTITIES TABLE

Symbol	Common Name	Scientific Name	Size When Planted	Root Zone Mode	Sheets				
					Bed 1	Bed 2	Bed 3	Bed 4	Totals
	Deciduous Canopy Trees								
MS	Maple, 'State Street'	*Acer miyabei 'Morton'*	2" Cal.	B&B		10			10
	Deciduous Ornamental Trees								
CR	Crabapple, Redbud	*Malus x zumi calocarpa*	2" Cal.	B&B				5	5
CS1	Crabapple, Sargent (Shrub Form Tree)	*Malus sargentii (Shrub Form Tree)*	6' Ht.	B&B				5	5
	Deciduous Ornamental Shrubs								
Rsf	Rose, 'Sea Foam'	*Rosa 'Sea Foam'*	24" Sp./ # 2	CONT	16	53	4		73
Sgb	Spirea, 'Gumball'	*Spiraea japonica 'Gumball'*	18" Ht. / #2	CONT	52	151	60		263
St	Spirea, 'Tor'	*Spiraea betulifolia 'Tor'*	18" Ht. / #2	CONT		72			72
Sg	Sumac, Fragrant 'Gro-Low'	*Rhus aromatica 'Gro-Low'*	24" Sp./ # 2	CONT	16	60	10		86
	Evergreen Shrubs								
Al	Arborvitae, 'Little Gem'	*Thuja occidentalis 'Little Gem'*	24" Ht. / #3	CONT		24			24
	Perennials / Ornamental Grasses								
as	Allium, 'Summer Beauty'	*Allium x 'Summer Beauty'*	1 gal.	CONT	23	23	15		61
cp	Coneflower, Purple 'Magnus'	*Echinacea purpurea 'Magnus'*	1 gal.	CONT	23	51	18		92
ds	Daylily, 'Summer Wine'	*Hemerocallis 'Summer Wine'*	1 gal.	CONT		118			118
lb	Little Bluestem, 'The Blues'	*Schizachyrium scoparium 'The Blues'*	1 gal.	CONT	112	292	34		438
pd	Prairie Dropseed	*Sporobolus heterolepis*	1 gal.	CONT	31	24	14		69
rs	Russian Sage, 'Little Spire'	*Perovskia atriplicifolia 'Little Spire'*	1 gal.	CONT	12	24	6		42
sc	Salvia, 'Caradonna'	*Salvia nemorosa 'Caradonna'*	1 gal.	CONT	25	44	15		84
ys	Yarrow, 'Snow Sport'	*Achillea hybrida 'Snow Sport'*	1 gal.	CONT	13	27	13		53

BED 2

POINT	STATION	OFFSET
201	129'SUP'+00.05	14.33
202	129'SUP'+34.51	13.64
203	130'SUP'+50.05	12.88
204	130'SUP'+72.73	12.70
205	130'SUP'+95.42	12.44
206	131'SUP'+19.95	12.04
207	131'SUP'+43.84	11.52
208	131'SUP'+65.24	11.13
209	132'SUP'+50.85	7.88
210	132'SUP'+74.51	7.13

BED 4

POINT	STATION	OFFSET
401	16'SUP'+23.20	23.21
402	16'SUP'+10.20	29.93
403	15'SUP'+70.51	29.11
404	14'SUP'+78.36	31.32
405	14'SUP'+64.49	35.94
406	14'SUP'+44.60	27.91
407	14'SUP'+12.67	31.35
408	13'SUP'+87.92	24.94
409	13'SUP'+74.00	26.72
410	13'SUP'+36.96	22.62

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21•Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :

WISDOT/CADDS SHEET 42

LOCATION: USH 41 LAKE BUTTE DES MORTS CAUSEWAY

PLANT DATA TABLE

Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace Or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail
							Ball/Pot		Root	Plant Hole						
							Diameter	Depth	Spread	Diameter	Depth					
	Deciduous Ornamental Shrubs															
Hd	Honeysuckle, Dwarf Bush	*Diervilla lonicera*	1S	3-4' ht.	18" sp. / #2	CONT	12"	8"	----------	18"	12"	----------	2	No	No	----------
Me	Meadowsweet	*Spiraea alba*	1S	3' ht.	18" ht. / #2	CONT	12"	8"	----------	18"	12"	----------	2	No	No	----------
Nj	New Jersey Tea	*Ceanothus americanus*	1S	2' ht.	18" ht. / #2	CONT	12"	8"	----------	18"	12"	----------	2	No	No	----------
Sj	St. John's Wort	*Hypericum kalmianum*	1S	2-3' ht.	18" ht. / #2	CONT	12"	8"	----------	18"	12"	----------	2	No	No	----------
Sc	Snowberry, Common	*Symphoricarpos albus*	1S	3' ht.	18" ht. / #2	CONT	12"	8"	----------	18"	12"	----------	2	No	No	----------
	Perennials / Ornamental Grasses															
as	Aster, Smooth	*Aster laevis*	4V	1-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
bp	Baptisia, Prairie	*Baptisia leucantha*	4V	4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
be	Bergamont, Wild	*Monarda fistulosa*	4V	2-4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
bes	Black-eyed Susan	*Rudbeckia hirta*	4V	2-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
bs	Blazing Star, Button	*Liatris aspera*	4V	2-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
bw	Butterfly Weed	*Asclepias tuberosa*	4V	1-2.5' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
cp	Coneflower, Pale Purple	*Echinacea pallida*	4V	3-4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
cy	Coneflower, Yellow	*Ratibita pinnata*	4V	3-4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
gw	Geranium, Wild	*Geranium maculatum*	4V	1.5-2' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
ga	Golden Alexanders	*Zizia aurea*	4V	1.5-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
gs	Goldenrod, Showy	*Solidago speciosa*	4V	2-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
if	Indigo, False	*Amorpha canescens*	4V	3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
no	Nodding Onion	*Allium cernuum*	4V	2' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
pc	Prairie Clover, Purple	*Petalostemon purpureum*	4V	1-2' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
pcw	Prairie Clover, White	*Petalostemon candidum*	4V	1-2' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
pd	Prairie Dropseed	*Sporobolus heterolepis*	4V	1.5-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
rm	Rattlesnake Master	*Eryngium yuccifolium*	4V	3-4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
so	Spiderwort, Ohio	*Tradescantia ohiensis*	4V	2-3' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------
sw	Sunflower, Western	*Helianthus occidentalis*	4V	2-4' ht.	4"	POT	4"	4"	----------	6"	4"	----------	No	No	No	----------

PLANT QUANTITIES TABLE

Symbol	Common Name	Scientific Name	Size When Planted	Root Zone Mode	Beds											
					Bed A	Bed B	Bed C	Bed D	Bed E	Bed F	Bed G	Bed H	Bed I	Bed J	Bed K	Totals
	Deciduous Ornamental Shrubs															
Hd	Honeysuckle, Dwarf Bush	*Diervilla lonicera*	18" sp. / #2	CONT	1	2	3	4	6	7	7	6	3	2	1	42
Me	Meadowsweet	*Spiraea alba*	18" ht. / #2	CONT	2	5	6	10	13	16	16	13	8	4	2	95
Nj	New Jersey Tea	*Ceanothus americanus*	18" ht. / #2	CONT	5	10	14	22	29	37	36	28	17	9	4	211
Sj	St. John's Wort	*Hypericum kalmianum*	18" ht. / #2	CONT	2	5	6	10	13	16	16	13	8	4	2	95
Sc	Snowberry, Common	*Symphoricarpos albus*	18" ht. / #2	CONT	1	2	2	3	5	6	6	5	3	1	1	35
	Perennials / Ornamental Grasses															
ap	Alumroot, Prairie	*Heuchera richardsonii*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
as	Aster, Smooth	*Aster laevis*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
bp	Baptisia, Prairie	*Baptisia leucantha*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
be	Bergamont, Wild	*Monarda fistulosa*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
bes	Black-eyed Susan	*Rudbeckia hirta*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
bs	Blazing Star, Button	*Liatris aspera*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
bw	Butterfly Weed	*Asclepias tuberosa*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
cp	Coneflower, Pale Purple	*Echinacea pallida*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
cy	Coneflower, Yellow	*Ratibita pinnata*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
gw	Geranium, Wild	*Geranium maculatum*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
ga	Golden Alexanders	*Zizia aurea*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
gs	Goldenrod, Showy	*Solidago speciosa*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
if	Indigo, False	*Amorpha canescens*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
no	Nodding Onion	*Allium cernuum*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
pc	Prairie Clover, Purple	*Petalostemon purpureum*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
pcw	Prairie Clover, White	*Petalostemon candidum*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
pd	Prairie Dropseed	*Sporobolus heterolepis*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
rm	Rattlesnake Master	*Eryngium yuccifolium*	4"	POT	5	26	36	54	72	92	91	71	44	23	4	518
so	Spiderwort, Ohio	*Tradescantia ohiensis*	4"	POT	12	52	71	108	144	184	182	142	87	45	11	1038
sw	Sunflower, Western	*Helianthus occidentalis*	4"	POT	5	26	36	54	72	92	91	71	44	23	4	518

NOTES:

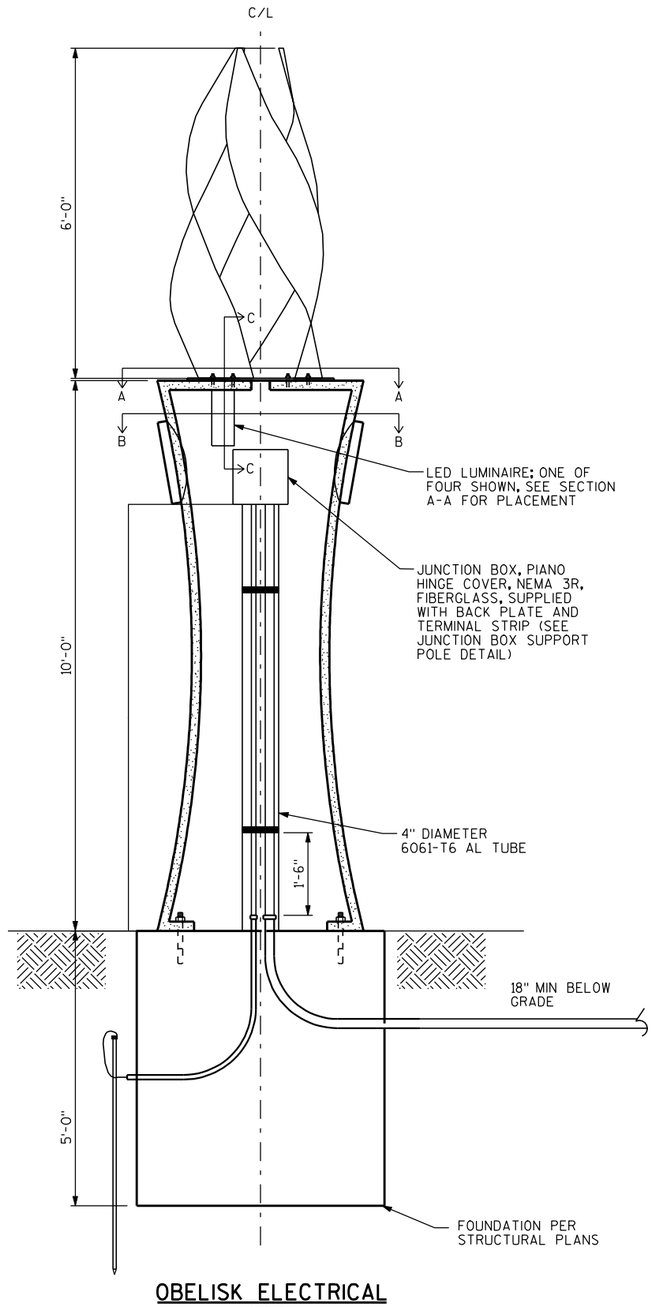
REFER TO PLAN SHEETS FOR DESIGNATED CAUSEWAY PLANTING BEDS.

PLANTS SHALL BE RANDOMLY MIXED IN EACH BED; TOTAL QUANTITIES OF EACH PERENNIAL AND/OR SHRUB SHALL CONFORM TO EACH AREA AS OUTLINED IN THE PLANT QUANTITIES TABLE, THIS SHEET.

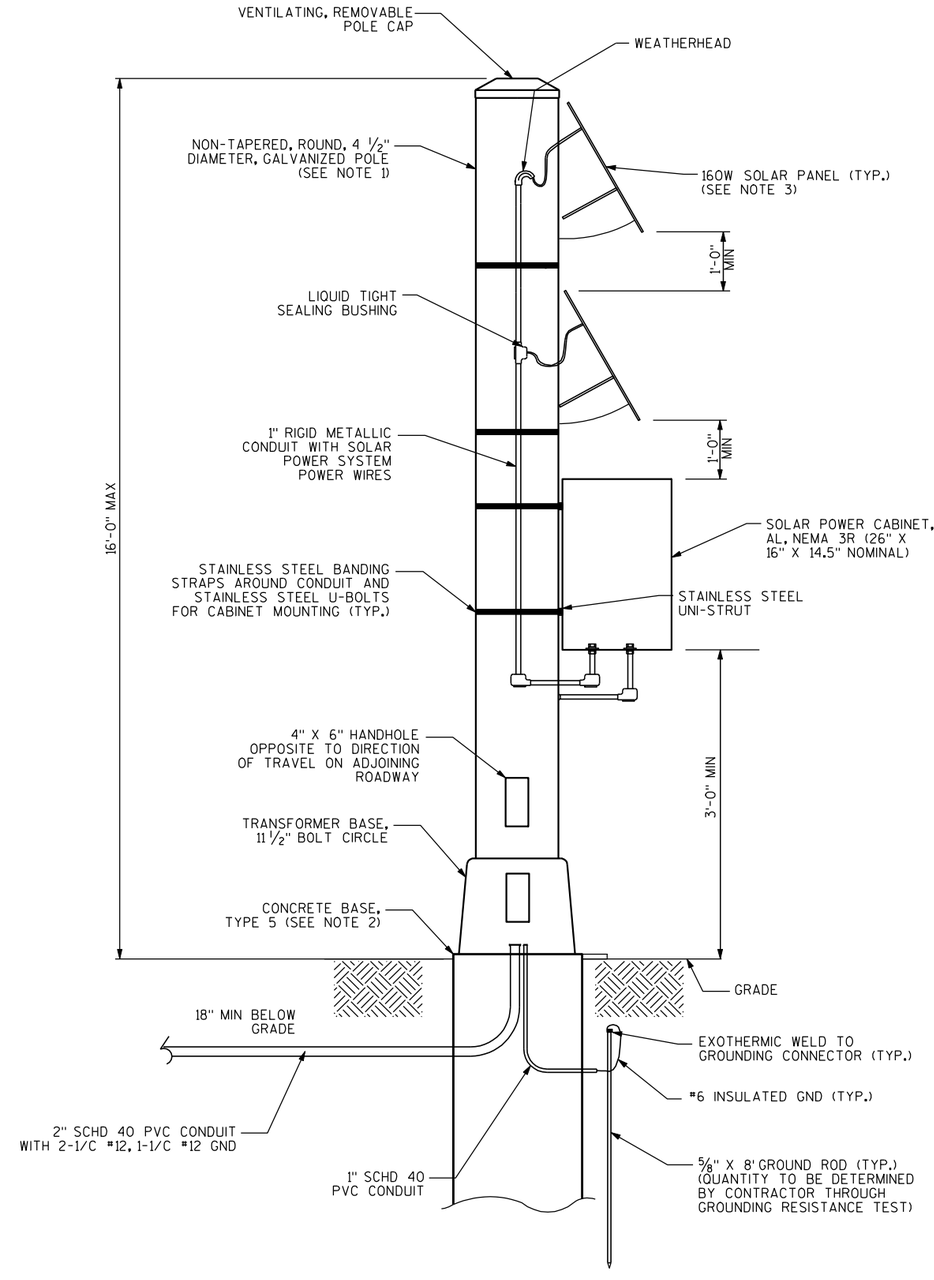
PLANS PREPARED BY
KEN SAIKI DESIGN,
MADISON, WI
(608) 251-3600

FILE NAME : 2008-039 Hwy 41 Oshkosh DOT 1120-11-02\ 1120-11-89_STH 21+Causeway\CAD\Working Drawings\ 1120-11-89_ksd base.dgn PLOT DATE : 26-Oct-2012 PLOT BY : rdeboer PLOT NAME : _____ PLOT SCALE :

WISDOT/CADDS SHEET 42



OBELISK ELECTRICAL
(N.T.S.)



SOLAR POWERED POWER SUPPLY
(N.T.S.)

NOTES:

1. FIELD CUT POLE TO REQUIRED LENGTH; CLEAN ALL EXPOSED STEEL AND THEN COVER WITH HIGH ZINC CONTENT PAINT. (BRUSH ON ONLY)

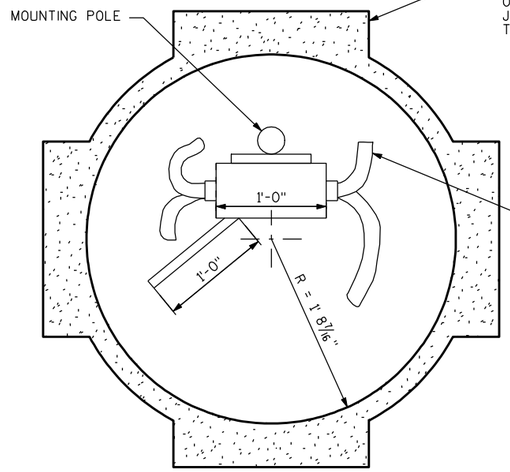
2. ANCHOR BOLTS TO BE INSTALLED WITH A 4 1/2" PROJECTION. SEE STANDARD DETAIL FOR MORE INFORMATION.

3. TILT AND ORIENTATION OF PANELS DETERMINED BY CONTRACTOR, SEE SPECIAL PROVISION FOR MORE INFORMATION.

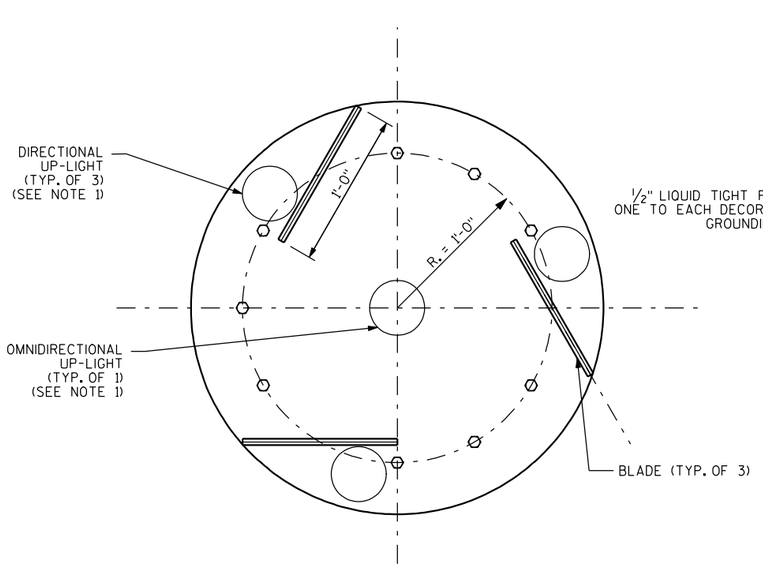
4. EACH SOLAR PANEL TO BE PROVIDED WITH AN ADJUSTABLE MOUNT. EACH MOUNT TO BE CONNECTED TO POLE IN TWO PLACES AND PROVIDE TWO ARMS TO HOLD A PANEL IN PLACE. ALUMINUM SHALL NOT BE MOUNTED IN DIRECT CONTACT WITH STEEL POLE.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

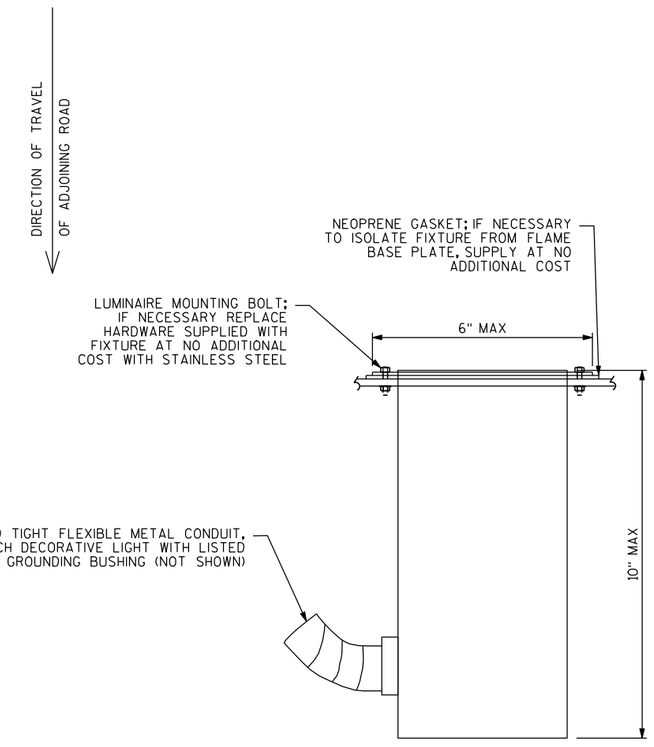
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



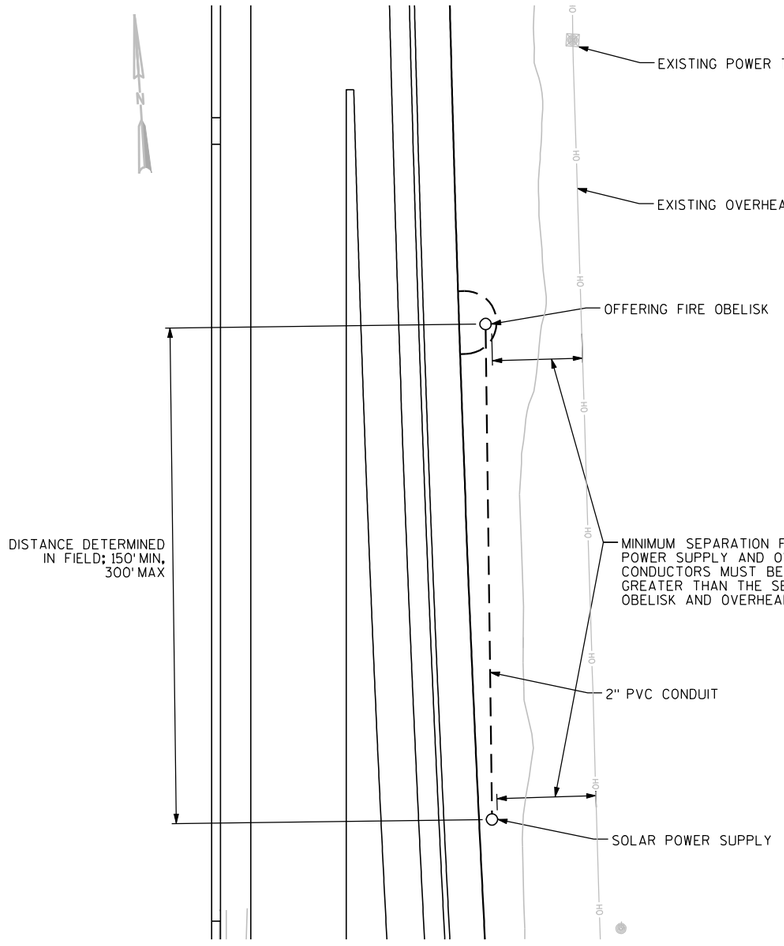
SECTION B-B
ABOVE JUNCTION BOX
(N.T.S.)



SECTION A-A
AT BASE PLATE
(N.T.S.)



SECTION C-C
THROUGH LUMINAIRE
(N.T.S.)



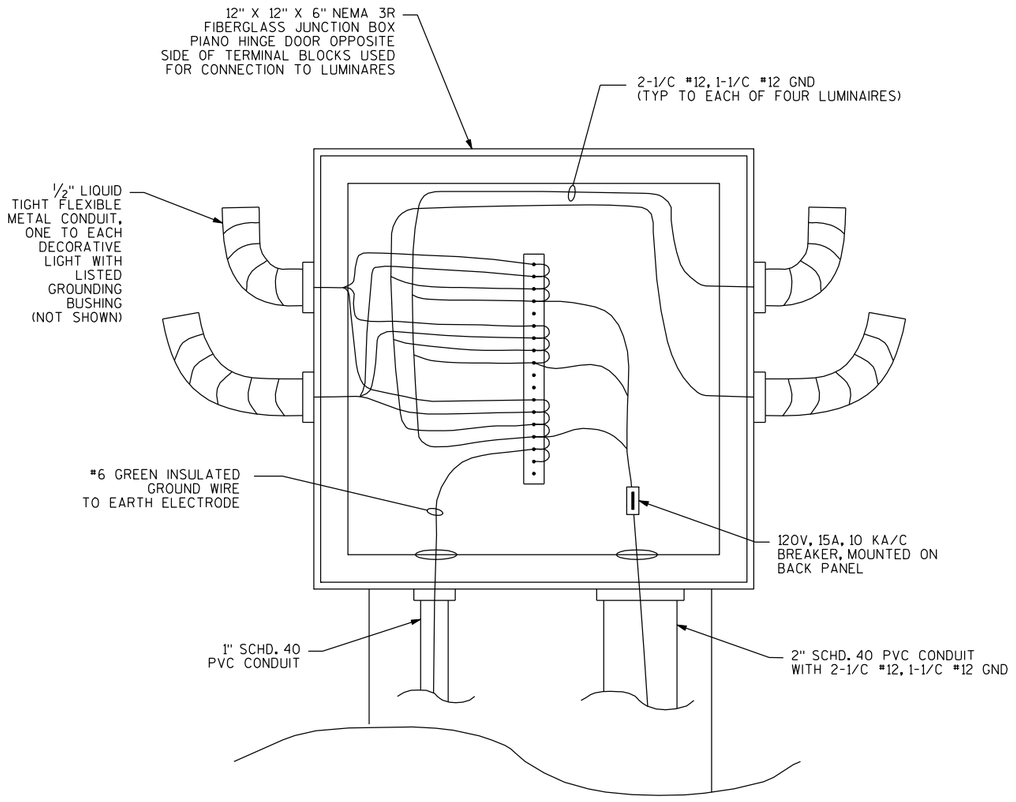
SCHEMATIC PLAN VIEW
(N.T.S.)

NOTES:

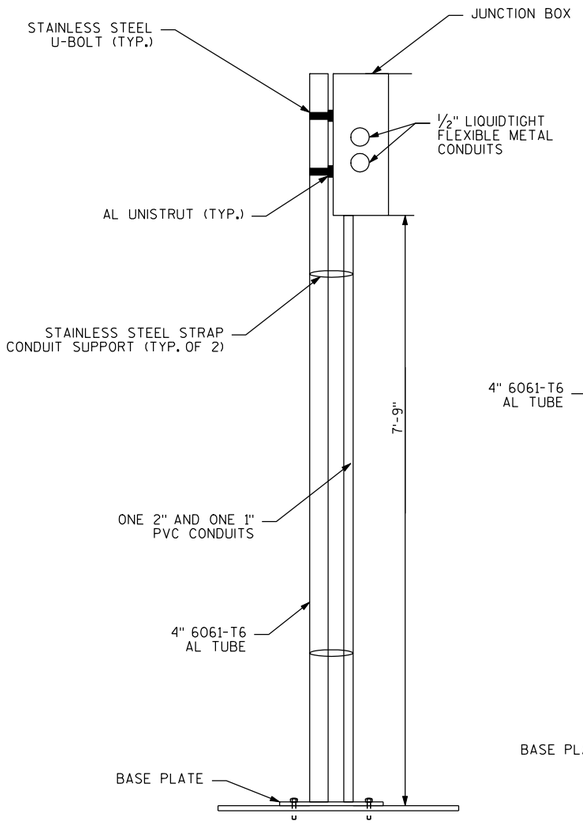
1. CONTRACTOR SHALL COORDINATE LIGHT LOCATIONS AND MOUNTING HOLES WITH OBELISK MANUFACTURER.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

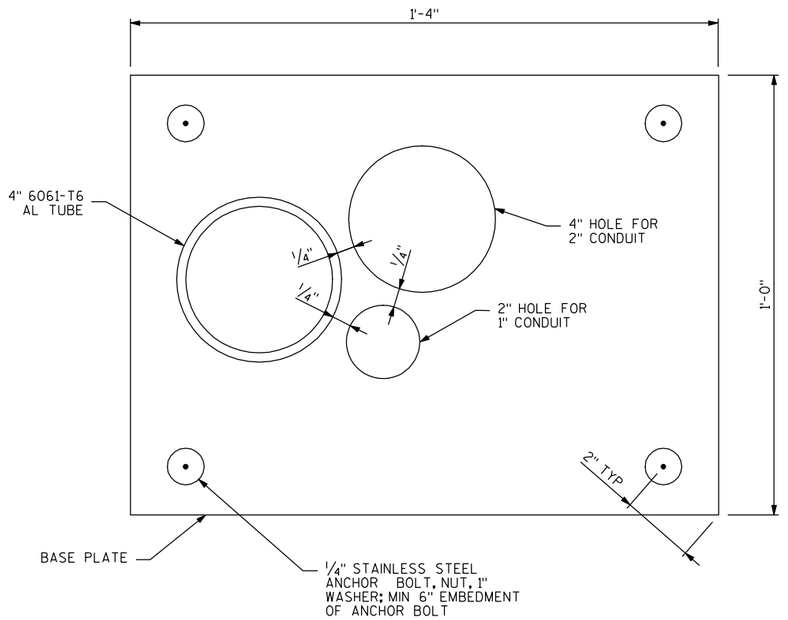
☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



JUNCTION BOX WIRING DIAGRAM
(N.T.S.)



ELEVATION VIEW



PLAN VIEW - BASE PLATE

JUNCTION BOX SUPPORT POLE
(N.T.S.)

ESTIMATE OF QUANTITIES

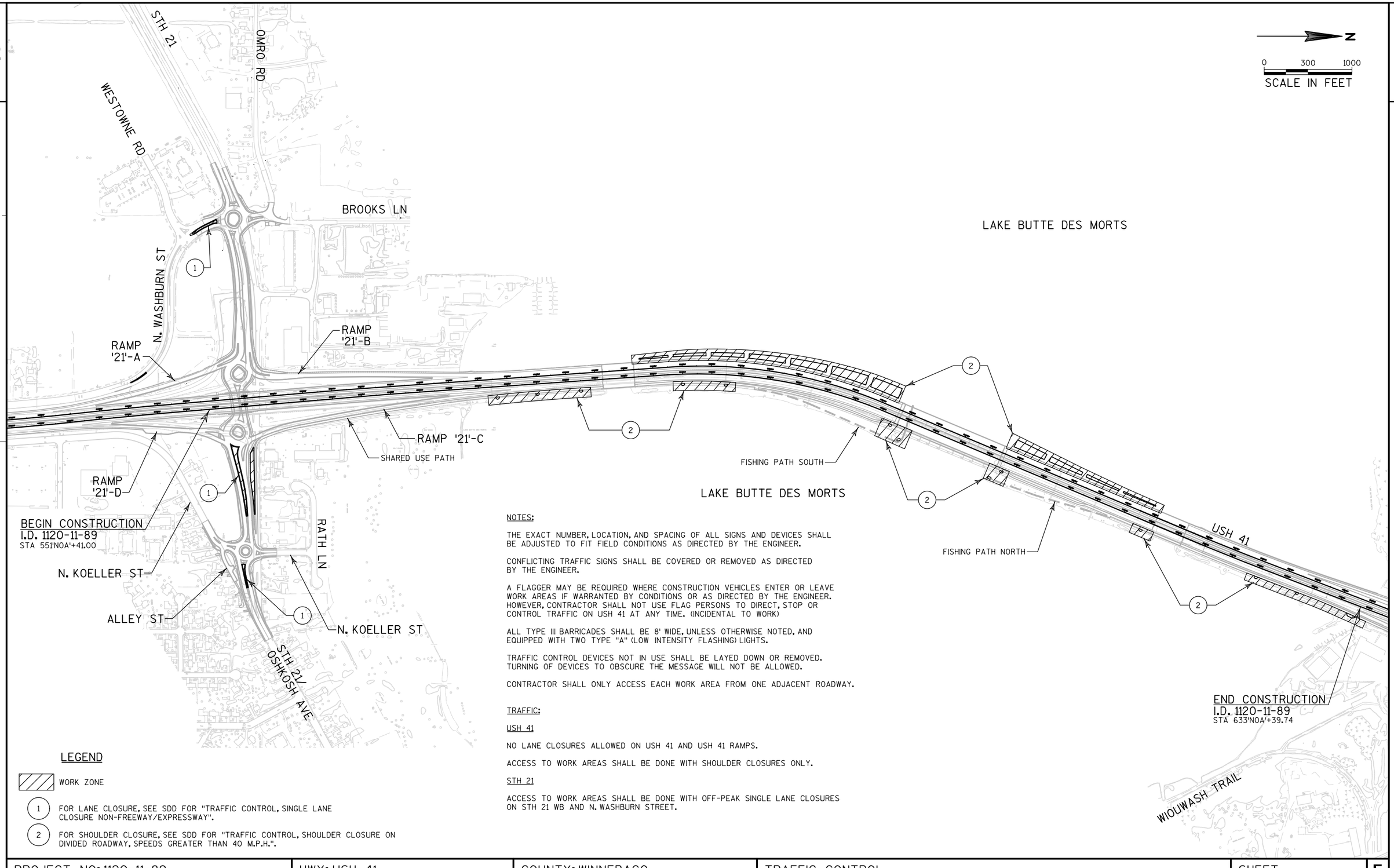
DESCRIPTION	UNIT	QTY
MOUNTING POLE AND TYPE 5 FOUNDATION	EA	1
SOLAR PANELS AND MOUNTS	EA	2
12V, GEL FILLED BATTERIES	EA	4
SOLAR POWER CABINET	EA	1
TRENCHED 2" SCHD 40 PVC DUCT	LF*	300
CONDUCTORS, 1/C#12	LF*	960
JUNCTION BOX AND MOUNT	EA	1
LUMINAIRES	EA	4

* ASSUME 300' SEPARATION BETWEEN OBELISK AND POWER SOURCE.

** MISCELLANEOUS COUNDUIT, WIRE HARDWARE, ETC. ALSO INCLUDED.

THE DETAILS ON THIS SHEET APPLY TO THE FOLLOWING OVERLOOKS (NUMBERS):

☐	BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)
☐	STOCKBRIDGE MUNSEE (2)
☐	LAC DU FLAMBEAU (5)
☐	RED CLIFF (6)
☐	HO-CHUNK (7)
☐	ST. CROIX (10)
☐	LAKE BUTTE DES MORTS HISTORY (12)
■	OFFERING FIRE (13)



LAKE BUTTE DES MORTS

NOTES:

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CONFLICTING TRAFFIC SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER. HOWEVER, CONTRACTOR SHALL NOT USE FLAG PERSONS TO DIRECT, STOP OR CONTROL TRAFFIC ON USH 41 AT ANY TIME. (INCIDENTAL TO WORK)

ALL TYPE III BARRICADES SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

TRAFFIC CONTROL DEVICES NOT IN USE SHALL BE LAYED DOWN OR REMOVED. TURNING OF DEVICES TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.

CONTRACTOR SHALL ONLY ACCESS EACH WORK AREA FROM ONE ADJACENT ROADWAY.

TRAFFIC:

USH 41

NO LANE CLOSURES ALLOWED ON USH 41 AND USH 41 RAMPS.

ACCESS TO WORK AREAS SHALL BE DONE WITH SHOULDER CLOSURES ONLY.

STH 21

ACCESS TO WORK AREAS SHALL BE DONE WITH OFF-PEAK SINGLE LANE CLOSURES ON STH 21 WB AND N. WASHBURN STREET.

LEGEND

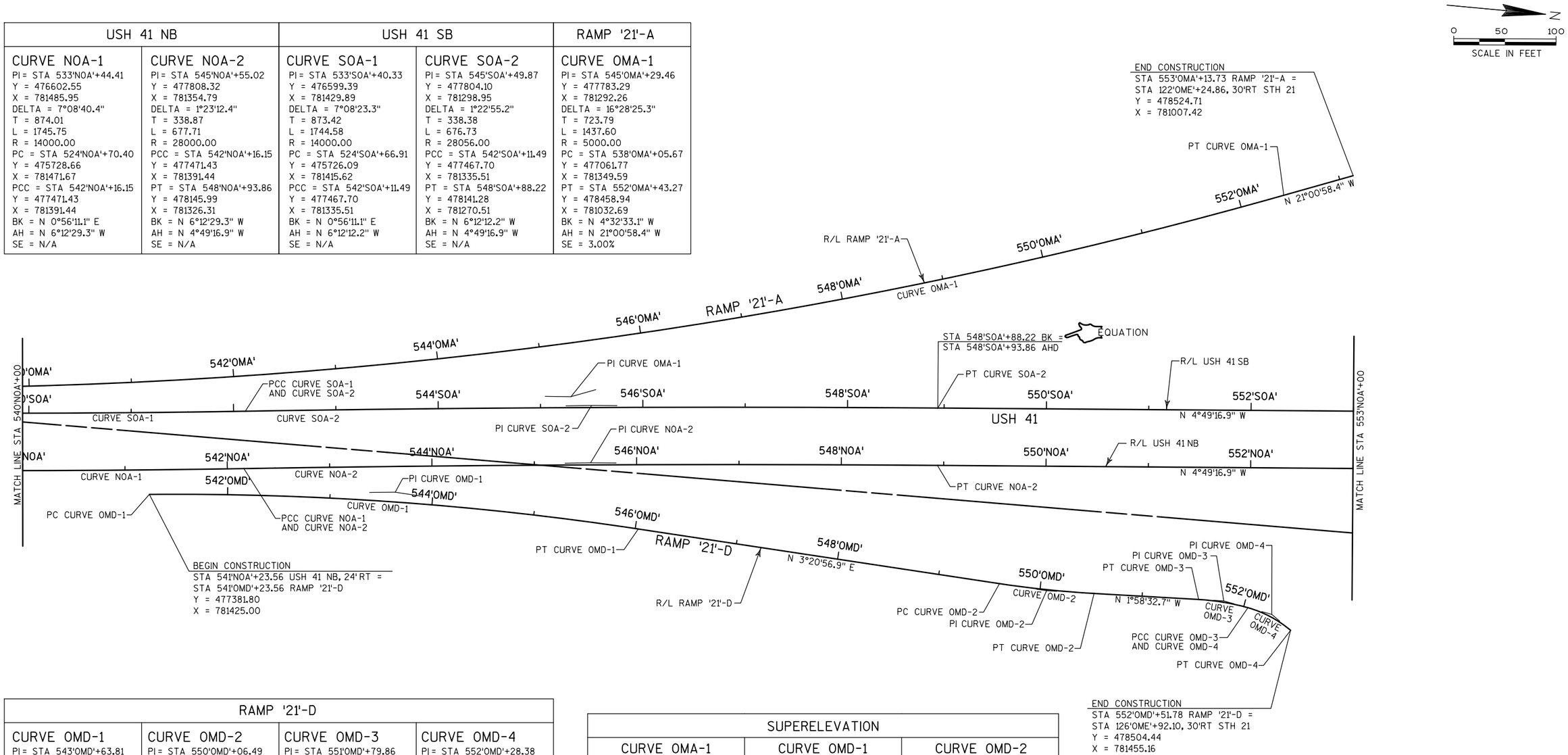
WORK ZONE

1 FOR LANE CLOSURE, SEE SDD FOR "TRAFFIC CONTROL, SINGLE LANE CLOSURE NON-FREEWAY/EXPRESSWAY".

2 FOR SHOULDER CLOSURE, SEE SDD FOR "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H.".

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	TRAFFIC CONTROL	SHEET 68	E

USH 41 NB		USH 41 SB		RAMP '21'-A
CURVE NOA-1	CURVE NOA-2	CURVE SOA-1	CURVE SOA-2	CURVE OMA-1
PI= STA 533'NOA'+44.41	PI= STA 545'NOA'+55.02	PI= STA 533'SOA'+40.33	PI= STA 545'SOA'+49.87	PI= STA 545'OMA'+29.46
Y = 476602.55	Y = 477808.32	Y = 476599.39	Y = 477804.10	Y = 477783.29
X = 781485.95	X = 781354.79	X = 781429.89	X = 781298.95	X = 781292.26
DELTA = 7°08'40.4"	DELTA = 1°23'12.4"	DELTA = 7°08'23.3"	DELTA = 1°22'55.2"	DELTA = 16°28'25.3"
T = 874.01	T = 338.87	T = 873.42	T = 338.38	T = 723.79
L = 1745.75	L = 677.71	L = 1744.58	L = 676.73	L = 1437.60
R = 14000.00	R = 28000.00	R = 14000.00	R = 28056.00	R = 5000.00
PC = STA 524'NOA'+70.40	PCC = STA 542'NOA'+16.15	PC = STA 524'SOA'+66.91	PCC = STA 542'SOA'+11.49	PC = STA 538'OMA'+05.67
Y = 475728.66	Y = 477471.43	Y = 475726.09	Y = 477467.70	Y = 477061.77
X = 781471.67	X = 781391.44	X = 781415.62	X = 781335.51	X = 781349.59
PCC = STA 542'NOA'+16.15	PT = STA 548'NOA'+93.86	PCC = STA 542'SOA'+11.49	PT = STA 548'SOA'+88.22	PT = STA 552'OMA'+43.27
Y = 477471.43	Y = 478145.99	Y = 477467.70	Y = 478141.28	Y = 478458.94
X = 781391.44	X = 781326.31	X = 781335.51	X = 781270.51	X = 781032.69
BK = N 0°56'11.1" E	BK = N 6°12'29.3" W	BK = N 0°56'11.1" E	BK = N 6°12'12.2" W	BK = N 4°32'33.1" W
AH = N 6°12'29.3" W	AH = N 4°49'16.9" W	AH = N 6°12'12.2" W	AH = N 4°49'16.9" W	AH = N 21°00'58.4" W
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = 3.00%



RAMP '21'-D			
CURVE OMD-1	CURVE OMD-2	CURVE OMD-3	CURVE OMD-4
PI= STA 543'OMD'+63.81	PI= STA 550'OMD'+06.49	PI= STA 551'OMD'+79.86	PI= STA 552'OMD'+28.38
Y = 477620.83	Y = 478263.43	Y = 478436.76	Y = 478484.67
X = 781400.88	X = 781438.48	X = 781432.50	X = 781441.33
DELTA = 9°06'42.5"	DELTA = 5°19'29.6"	DELTA = 12°24'58.0"	DELTA = 24°31'55.4"
T = 240.25	T = 46.50	T = 24.58	T = 24.13
L = 479.48	L = 92.94	L = 48.97	L = 47.53
R = 3015.00	R = 1000.00	R = 226.00	R = 111.00
PC = STA 541'OMD'+23.56	PC = STA 549'OMD'+59.99	PC = STA 551'OMD'+55.28	PCC = STA 552'OMD'+04.25
Y = 477381.80	Y = 478217.01	Y = 478412.19	Y = 478460.94
X = 781425.00	X = 781435.76	X = 781433.35	X = 781436.96
PT = STA 546'OMD'+03.04	PT = STA 550'OMD+52.93	PCC = STA 552'OMD'+04.25	PT = STA 552'OMD'+51.78
Y = 477860.66	Y = 478309.90	Y = 478460.94	Y = 478504.44
X = 781414.91	X = 781436.88	X = 781436.96	X = 781455.16
BK = N 5°45'45.6" W	BK = N 3°20'56.9" E	BK = N 1°58'32.7" W	BK = N 10°26'25.3" E
AH = N 3°20'56.9" E	AH = N 1°58'32.7" W	AH = N 10°26'25.3" E	AH = N 34°58'20.7" E
SE = 4.30%	SE = 2.00%	SE = N/A	SE = N/A

SUPERELEVATION								
CURVE OMA-1			CURVE OMD-1			CURVE OMD-2		
	STA	SE		STA	SE		STA	SE
BT	538'OMA'+00.00	N.C.	BT	541'OMD'+00.00	N.C.	BT	549'OMD'+00.00	N.C.
FS	538'OMA'+25.00	3.00%	FS	541'OMD'+75.00	4.30%	FS	550'OMD'+00.00	2.00%
FS	552'OMA'+25.00	3.00%	FS	545'OMD'+50.00	4.30%	FS	550'OMD'+25.00	2.00%
ET	552'OMA'+50.00	N.C.	ET	546'OMD'+25.00	N.C.	ET	551'OMD'+25.00	N.C.

*8% MAX SHLD ROLLOVER, SHLD TRANSITION BEGINS AT 4% SE

SUPERELEVATION		
CURVE OMC-1		
	STA	SE
BT	554'0MC'+50.00	N.C.
FS	554'0MC'+75.00	2.56%
FS	557'0MC'+50.00	2.56%
ET	557'0MC'+75.00	N.C.

SCALE IN FEET: 0 50 100

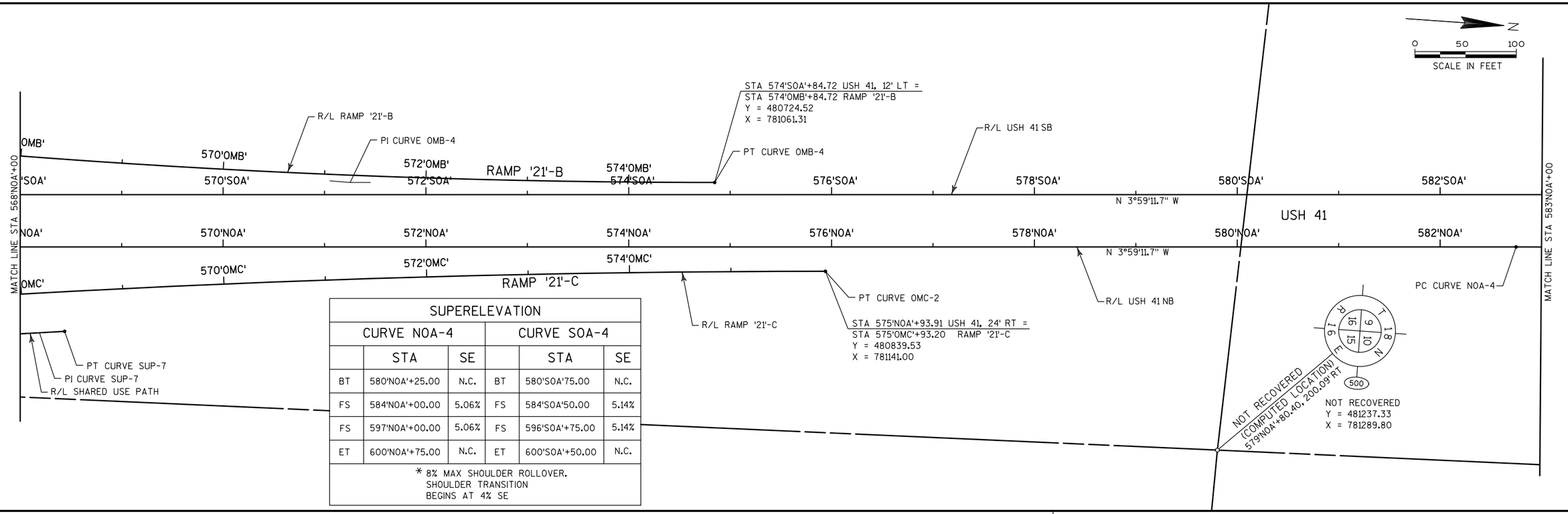
SHARED USE PATH					
CURVE SUP-2	CURVE SUP-3	CURVE SUP-4	CURVE SUP-5	CURVE SUP-6	CURVE SUP-7
PI= STA 17'SUP'+07.69	PI= STA 18'SUP'+82.69	PI= STA 25'SUP'+52.02	PI= STA 29'SUP'+11.03	PI= STA 29'SUP'+99.73	PI= STA 30'SUP'+67.66
Y = 478726.47	Y = 478901.13	Y = 479560.09	Y = 479915.71	Y = 480003.29	Y = 480070.68
X = 781524.94	X = 781450.86	X = 781327.88	X = 781277.91	X = 781263.83	X = 781255.23
DELTA = 68°10'21.4"	DELTA = 12°24'42.7"	DELTA = 2°34'24.5"	DELTA = 1°07'59.4"	DELTA = 1°51'40.3"	DELTA = 0°12'13.1"
T = 60.90	T = 128.82	T = 313.53	T = 45.58	T = 43.12	T = 24.81
L = 107.09	L = 256.63	L = 626.96	L = 91.16	L = 86.24	L = 49.62
R = 90.00	R = 1184.67	R = 13958.67	R = 4609.22	R = 2654.88	R = 13961.00
PC = STA 16'SUP'+46.79	PCC = STA 17'SUP'+53.87	PC = STA 22'SUP'+38.49	PCC = STA 28'SUP'+65.45	PCC = STA 29'SUP'+56.61	PCC = STA 30'SUP'+42.85
Y = 478727.70	Y = 478782.54	Y = 479251.88	Y = 479870.57	Y = 479960.71	Y = 480046.07
X = 781585.84	X = 781501.16	X = 781385.40	X = 781270.68	X = 781270.68	X = 781258.37
PCC = STA 17'SUP'+53.87	PT = STA 20'SUP'+10.51	PT = STA 28'SUP'+65.45	PCC = STA 29'SUP'+56.61	PCC = STA 30'SUP'+42.85	PT = STA 30'SUP'+92.47
Y = 478782.54	Y = 479027.76	Y = 479870.57	Y = 479960.71	Y = 480046.07	Y = 480095.30
X = 781501.16	X = 781427.23	X = 781284.25	X = 781270.68	X = 781258.37	X = 781252.18
BK = N 88°50'37.3" E	BK = N 22°59'01.3" W	BK = N 10°34'18.6" W	BK = N 7°59'54.1" W	BK = N 9°07'53.5" W	BK = N 7°16'13.2" W
AH = N 22°59'01.3" W	AH = N 10°34'18.6" W	AH = N 7°59'54.1" W	AH = N 9°07'53.5" W	AH = N 7°16'13.2" W	AH = N 7°04'00.1" W
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A

RAMP '21'-B				USH 41 NB	USH 41 SB	RAMP '21'-C	
CURVE OMB-1	CURVE OMB-2	CURVE OMB-3	CURVE OMB-4	CURVE NOA-3	CURVE SOA-3	CURVE OMC-1	CURVE OMC-2
PI= STA 554'0MB'+87.66	PI= STA 556'0MB'+04.26	PI= STA 561'0MB'+47.06	PI= STA 571'0MB'+25.67	PI= STA 563'N0A'+75.94	PI= STA 560'S0A'+67.49	PI= STA 556'0MC'+11.79	PI= STA 567'0MC'+89.55
Y = 478727.28	Y = 478844.93	Y = 479387.34	Y = 480365.96	Y = 479622.83	Y = 479310.76	Y = 478876.95	Y = 480036.05
X = 781089.89	X = 781104.94	X = 781076.26	X = 781086.29	X = 781201.74	X = 781171.86	X = 781413.33	X = 781197.00
DELTA = 33°59'59.7"	DELTA = 12°27'15.3"	DELTA = 1°56'06.4"	DELTA = 4°34'26.2"	DELTA = 0°50'05.3"	DELTA = 0°50'05.3"	DELTA = 13°33'19.4"	DELTA = 6°35'06.9"
T = 33.94	T = 84.67	T = 287.11	T = 359.43	T = 145.70	T = 145.70	T = 145.71	T = 805.43
L = 65.87	L = 168.68	L = 574.16	L = 718.47	L = 291.40	L = 291.40	L = 290.05	L = 1609.08
R = 111.00	R = 776.00	R = 17000.00	R = 9000.00	R = 20000.00	R = 20000.00	R = 1226.00	R = 14000.00
PC = STA 554'0MB'+53.72	PCC = STA 555'0MB'+19.59	PC = STA 558'0MB'+59.95	PC = STA 567'0MB'+66.25	PC = STA 562'N0A'+30.24	PC = STA 559'S0A'+21.78	PC = STA 554'0MC'+66.08	PC = STA 559'0MC'+84.12
Y = 478701.79	Y = 478760.95	Y = 479100.31	Y = 480006.55	Y = 479477.65	Y = 479165.57	Y = 478743.97	Y = 479244.30
X = 781067.49	X = 781094.19	X = 781083.01	X = 781082.61	X = 781213.99	X = 781184.11	X = 781472.89	X = 781344.77
PCC = STA 555'0MB'+19.59	PT = STA 556'0MB'+88.27	PT = STA 564'0MB'+34.11	PT = STA 574'0MB'+84.72	PT = STA 565'N0A'+21.64	PT = STA 562'S0A'+13.18	PT = STA 557'0MC'+56.14	PT = STA 575'0MC'+93.20
Y = 478760.95	Y = 478929.26	Y = 479674.43	Y = 480724.52	Y = 479768.18	Y = 479456.11	Y = 479020.18	Y = 480839.53
X = 781094.19	X = 781097.32	X = 781079.20	X = 781061.31	X = 781191.61	X = 781161.73	X = 781386.60	X = 781141.00
BK = N 41°17'32.5" E	BK = N 7°17'32.8" E	BK = N 1°20'51.9" W	BK = N 0°35'14.5" E	BK = N 4°49'16.9" W	BK = N 4°49'16.9" W	BK = N 24°07'38.0" W	BK = N 10°34'18.6" W
AH = N 7°17'32.8" E	AH = N 5°09'42.6" W	AH = N 0°35'14.5" E	AH = N 3°59'11.7" W	AH = N 3°59'11.7" W	AH = N 3°59'11.7" W	AH = N 10°34'18.6" W	AH = N 3°59'11.7" W
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = 2.56%	SE = N/A

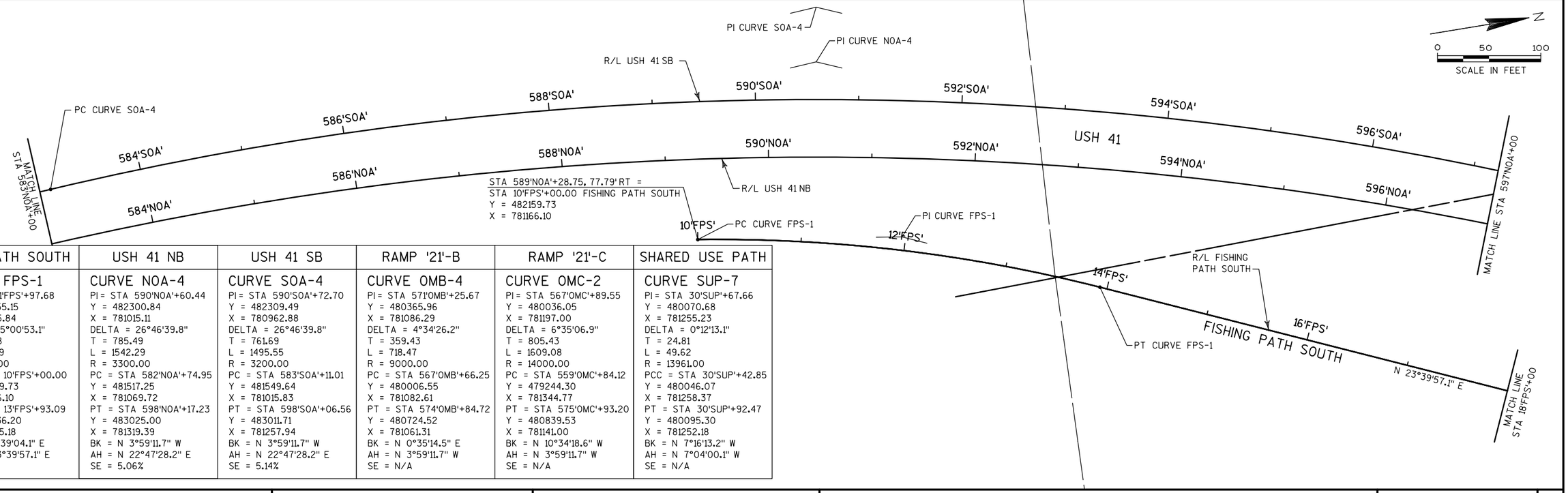
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - USH 41	SHEET 70	E

FILE NAME : ch_1189_027203_ad.dgn PLOT DATE : 15-OCT-2012 PLOT BY : swendt1 PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

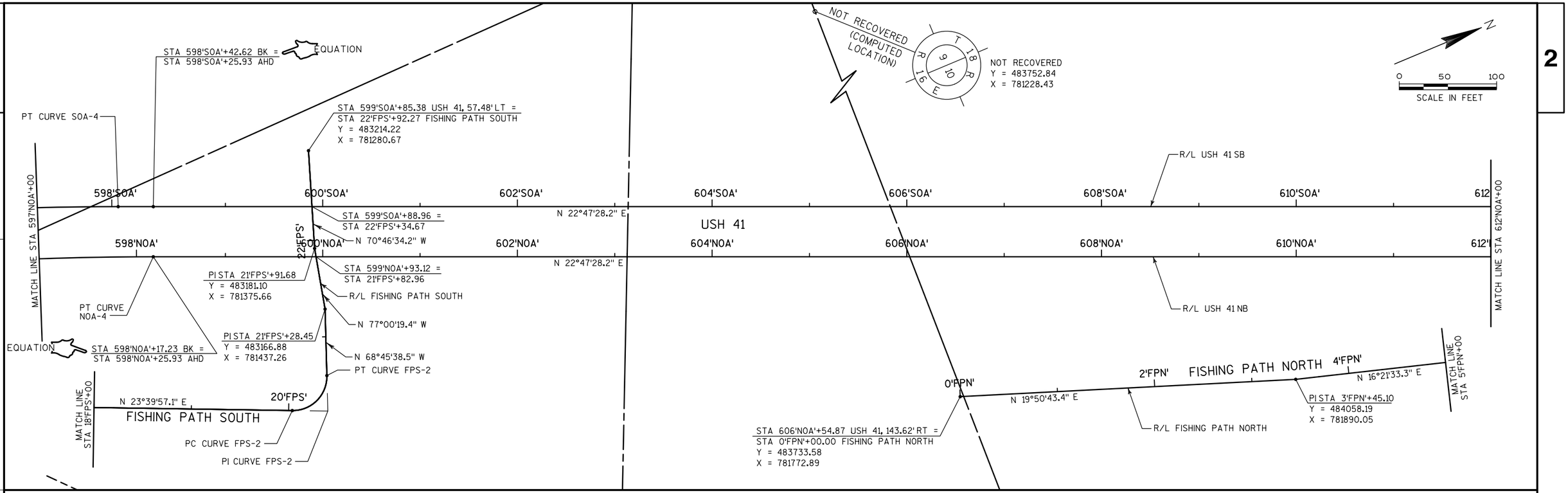


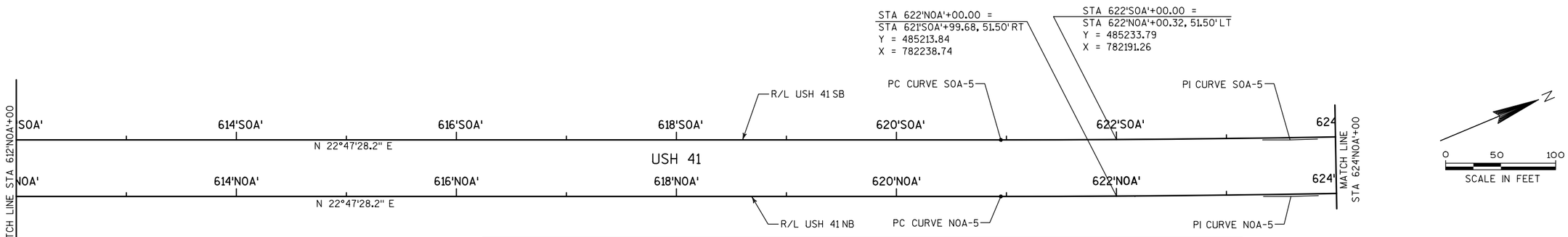
SUPERELEVATION					
CURVE NOA-4			CURVE SOA-4		
	STA	SE		STA	SE
BT	580'NOA'+25.00	N.C.	BT	580'S0A'75.00	N.C.
FS	584'NOA'+00.00	5.06%	FS	584'S0A'50.00	5.14%
FS	597'NOA'+00.00	5.06%	FS	596'S0A'+75.00	5.14%
ET	600'NOA'+75.00	N.C.	ET	600'S0A'+50.00	N.C.
* 8% MAX SHOULDER ROLLOVER. SHOULDER TRANSITION BEGINS AT 4% SE					



FISH PATH SOUTH	USH 41 NB	USH 41 SB	RAMP '21'-B	RAMP '21'-C	SHARED USE PATH
CURVE FPS-1	CURVE NOA-4	CURVE SOA-4	CURVE 0MB-4	CURVE 0MC-2	CURVE SUP-7
PI= STA 11'FPS'+97.68	PI= STA 590'NOA'+60.44	PI= STA 590'S0A'+72.70	PI= STA 571'0MB'+25.67	PI= STA 567'0MC'+89.55	PI= STA 30'SUP'+67.66
Y = 482355.15	Y = 482300.84	Y = 482309.49	Y = 480365.96	Y = 480036.05	Y = 480070.68
X = 781195.84	X = 781015.11	X = 780962.88	X = 781086.29	X = 781197.00	X = 781255.23
DELTA = 15°00'53.1"	DELTA = 26°46'39.8"	DELTA = 26°46'39.8"	DELTA = 4°34'26.2"	DELTA = 6°35'06.9"	DELTA = 0°12'13.1"
T = 197.68	T = 785.49	T = 761.69	T = 359.43	T = 805.43	T = 24.81
L = 393.09	L = 1542.29	L = 1495.55	L = 718.47	L = 1609.08	L = 49.62
R = 1500.00	R = 3300.00	R = 3200.00	R = 9000.00	R = 14000.00	R = 13961.00
PC = STA 10'FPS'+00.00	PC = STA 582'NOA'+74.95	PC = STA 583'S0A'+11.01	PC = STA 567'0MB'+66.25	PC = STA 559'0MC'+84.12	PCC = STA 30'SUP'+42.85
Y = 482159.73	Y = 481517.25	Y = 481549.64	Y = 480006.55	Y = 479244.30	Y = 480046.07
X = 781166.10	X = 781069.72	X = 781015.83	X = 781082.61	X = 781344.77	X = 781258.37
PT = STA 13'FPS'+93.09	PT = STA 598'NOA'+17.23	PT = STA 598'S0A'+06.56	PT = STA 574'0MB'+84.72	PT = STA 575'0MC'+93.20	PT = STA 30'SUP'+92.47
Y = 482536.20	Y = 483025.00	Y = 483011.71	Y = 480724.52	Y = 480839.53	Y = 480095.30
X = 781275.18	X = 781319.39	X = 781257.94	X = 781061.31	X = 781141.00	X = 781252.18
BK = N 8°39'04.1" E	BK = N 3°59'11.7" W	BK = N 3°59'11.7" W	BK = N 0°35'14.5" E	BK = N 10°34'18.6" W	BK = N 7°16'13.2" W
AH = N 23°39'57.1" E	AH = N 22°47'28.2" E	AH = N 22°47'28.2" E	AH = N 3°59'11.7" W	AH = N 3°59'11.7" W	AH = N 7°04'00.1" W
SE = N/A	SE = 5.06%	SE = 5.14%	SE = N/A	SE = N/A	SE = N/A

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - USH 41	SHEET 71	E



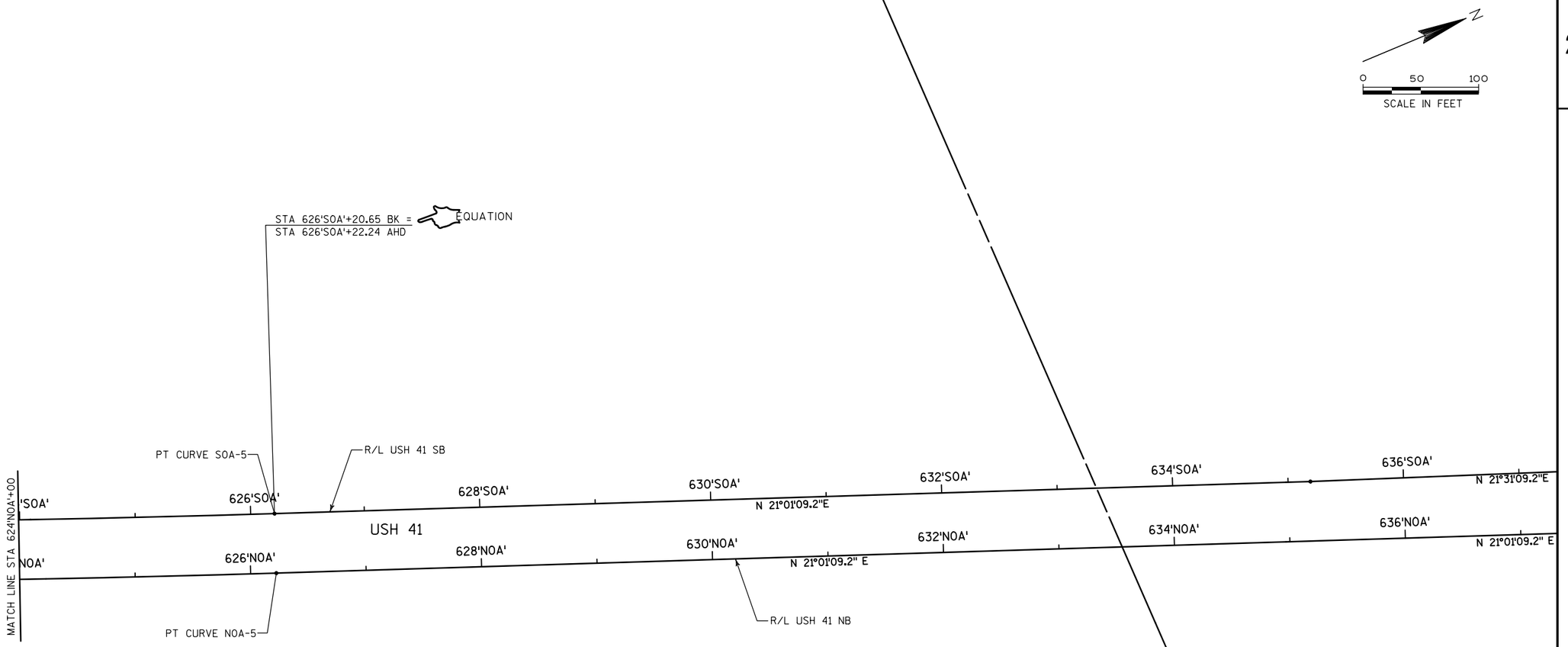


FISHING PATH SOUTH	USH 41 NB		USH 41 SB	
CURVE FPS-2	CURVE N0A-4	CURVE N0A-5	CURVE S0A-4	CURVE S0A-5
PI= STA 20'FPS'+40.22	PI= STA 590'N0A'+60.44	PI= STA 623'N0A'+58.59	PI= STA 590'S0A'+72.70	PI= STA 623'S0A'+57.80
Y = 483128.91	Y = 482300.84	Y = 485359.92	Y = 482309.49	Y = 485379.14
X = 781534.95	X = 781015.11	X = 782300.47	X = 780962.88	X = 782252.68
DELTA = 92°25'35.6"	DELTA = 26°46'39.8"	DELTA = 1°46'19.0"	DELTA = 26°46'39.8"	DELTA = 1°46'19.0"
T = 36.51	T = 785.49	T = 263.69	T = 761.69	T = 262.89
L = 56.46	L = 1542.29	L = 527.34	L = 1495.55	L = 525.75
R = 35.00	R = 3300.00	R = 17051.50	R = 3200.00	R = 17000.00
PC = STA 20'FPS'+03.70	PC = STA 582'N0A'+74.95	PC = STA 620'N0A'+94.90	PC = STA 583'S0A'+11.01	PC = STA 620'S0A'+94.90
Y = 483095.47	Y = 481517.25	Y = 485116.82	Y = 481549.64	Y = 485136.77
X = 781520.29	X = 781069.72	X = 782198.32	X = 781015.83	X = 782150.84
PT = STA 20'FPS'+60.16	PT = STA 598'N0A'+17.23	PT = STA 626'N0A'+22.24	PT = STA 598'S0A'+06.56	PT = STA 626'S0A'+20.65
Y = 483142.14	Y = 483025.00	Y = 485606.07	Y = 483011.71	Y = 485924.54
X = 781500.91	X = 781319.39	X = 782395.05	X = 781257.94	X = 782346.98
BK = N 23°39'57.1" E	BK = N 3°59'11.7" W	BK = N 22°47'28.2" E	BK = N 3°59'11.7" W	BK = N 22°47'28.2" E
AH = N 68°45'38.5" W	AH = N 22°47'28.2" E	AH = N 21°01'09.2" E	AH = N 22°47'28.2" E	AH = N 21°01'09.2" E
SE = N/A	SE = 5.06%	SE = N/A	SE = 5.14%	SE = N/A

SUPERELEVATION					
	CURVE N0A-4			CURVE S0A-4	
	STA	SE		STA	SE
BT	580'N0A'+25.00	N.C.	BT	580'S0A'75.00	N.C.
FS	584'N0A'+00.00	5.06%	FS	584'S0A'50.00	5.14%
FS	597'N0A'+00.00	5.06%	FS	596'S0A'+75.00	5.14%
ET	600'N0A'+75.00	N.C.	ET	600'S0A'+50.00	N.C.
* 8% MAX SHOULDER ROLLOVER. SHOULDER TRANSITION BEGINS AT 4% SE					

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - USH 41	SHEET 72	E

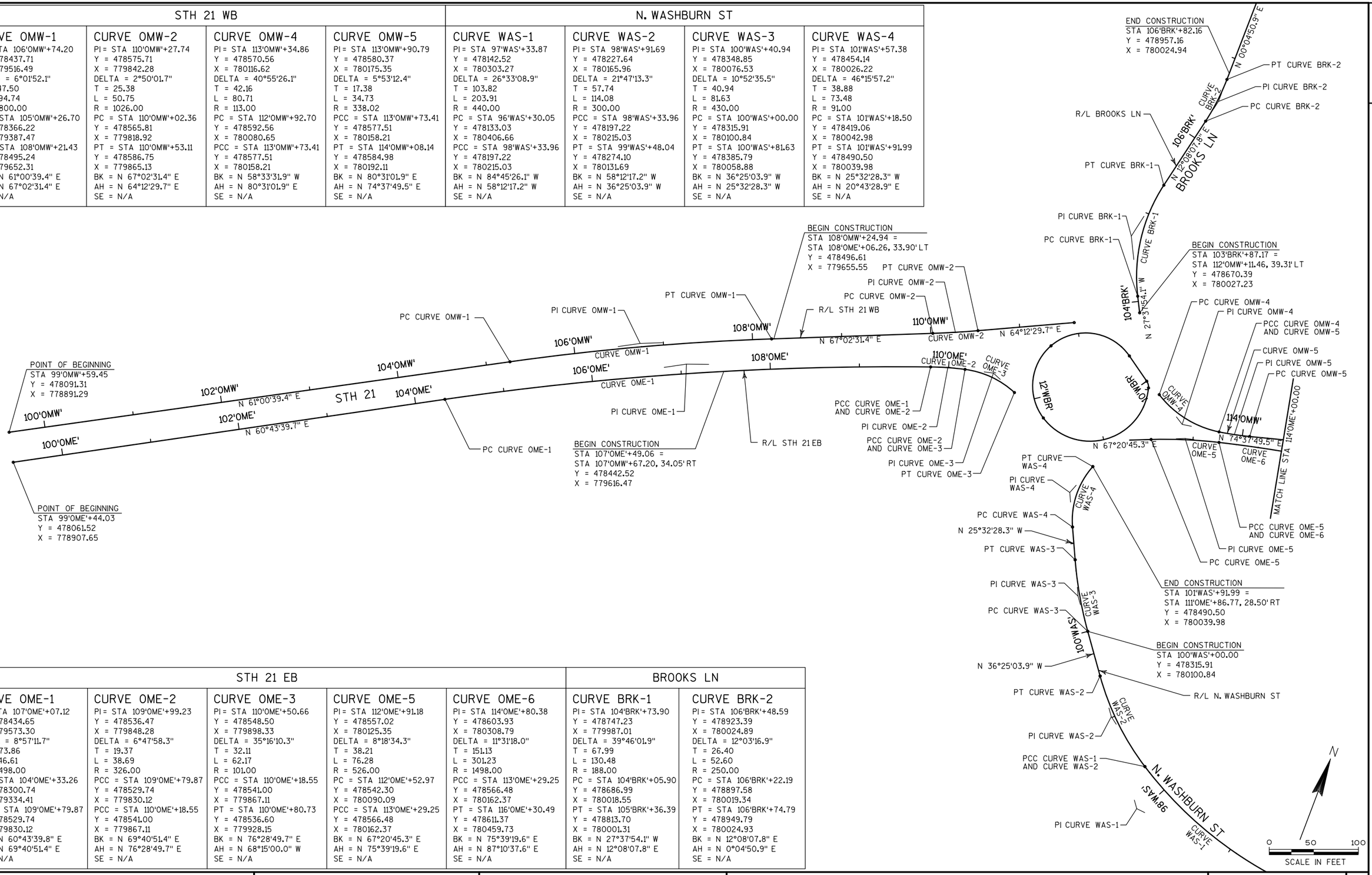
2



USH 41 NB	USH 41 SB
CURVE NOA-5	CURVE SOA-5
PI = STA 623'NOA'+58.59	PI = STA 623'SOA'+57.80
Y = 485359.92	Y = 485379.14
X = 782300.47	X = 782252.68
DELTA = 1°46'19.0"	DELTA = 1°46'19.0"
T = 263.69	T = 262.89
L = 527.34	L = 525.75
R = 17051.50	R = 17000.00
PC = STA 620'NOA'+94.90	PC = STA 620'SOA'+94.90
Y = 485116.82	Y = 485136.77
X = 782198.32	X = 782150.84
PT = STA 626'NOA'+22.24	PT = STA 626'SOA'+22.24
Y = 485606.07	Y = 485624.54
X = 782395.05	X = 782346.98
BK = N 22°47'28.2" E	BK = N 22°47'28.2" E
AH = N 21°01'09.2" E	AH = N 21°01'09.2" E
SE = N/A	SE = N/A

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - USH 41	SHEET 73	E

STH 21 WB				N. WASHBURN ST			
CURVE OMW-1	CURVE OMW-2	CURVE OMW-4	CURVE OMW-5	CURVE WAS-1	CURVE WAS-2	CURVE WAS-3	CURVE WAS-4
PI= STA 106'OMW'+74.20	PI= STA 110'OMW'+27.74	PI= STA 113'OMW'+34.86	PI= STA 113'OMW'+90.79	PI= STA 97'WAS'+33.87	PI= STA 98'WAS'+91.69	PI= STA 100'WAS'+40.94	PI= STA 101'WAS'+57.38
Y = 478437.71	Y = 478575.71	Y = 478570.56	Y = 478580.37	Y = 478142.52	Y = 478227.64	Y = 478348.85	Y = 478454.14
X = 779516.49	X = 779842.28	X = 780116.62	X = 780175.35	X = 780303.27	X = 780165.96	X = 780076.53	X = 780026.22
DELTA = 6°01'52.1"	DELTA = 2°50'01.7"	DELTA = 40°55'26.1"	DELTA = 5°53'12.4"	DELTA = 26°33'08.9"	DELTA = 21°47'13.3"	DELTA = 10°52'35.5"	DELTA = 46°15'57.2"
T = 147.50	T = 25.38	T = 42.16	T = 17.38	T = 103.82	T = 57.74	T = 40.94	T = 38.88
L = 294.74	L = 50.75	L = 80.71	L = 34.73	L = 203.91	L = 114.08	L = 81.63	L = 73.48
R = 2800.00	R = 1026.00	R = 113.00	R = 338.02	R = 440.00	R = 300.00	R = 430.00	R = 91.00
PC = STA 105'OMW'+26.70	PC = STA 110'OMW'+02.36	PC = STA 112'OMW'+92.70	PCC = STA 113'OMW'+73.41	PC = STA 96'WAS'+30.05	PCC = STA 98'WAS'+33.96	PC = STA 100'WAS'+00.00	PC = STA 101'WAS'+18.50
Y = 478366.22	Y = 478565.81	Y = 478592.56	Y = 478577.51	Y = 478133.03	Y = 478197.22	Y = 478315.91	Y = 478419.06
X = 779387.47	X = 779818.92	X = 780080.65	X = 780158.21	X = 780406.66	X = 780215.03	X = 780100.84	X = 780042.98
PT = STA 108'OMW'+21.43	PT = STA 110'OMW'+53.11	PCC = STA 113'OMW'+73.41	PT = STA 114'OMW'+08.14	PCC = STA 98'WAS'+33.96	PT = STA 99'WAS'+48.04	PT = STA 100'WAS'+81.63	PT = STA 101'WAS'+91.99
Y = 478495.24	Y = 478586.75	Y = 478577.51	Y = 478584.98	Y = 478197.22	Y = 478274.10	Y = 478385.79	Y = 478490.50
X = 779652.31	X = 779865.13	X = 780158.21	X = 780192.11	X = 780215.03	X = 780131.69	X = 780058.88	X = 780039.98
BK = N 61°00'39.4" E	BK = N 67°02'31.4" E	BK = N 58°33'31.9" W	BK = N 80°31'01.9" E	BK = N 84°45'26.1" W	BK = N 58°12'17.2" W	BK = N 36°25'03.9" W	BK = N 25°32'28.3" W
AH = N 67°02'31.4" E	AH = N 64°12'29.7" E	AH = N 80°31'01.9" E	AH = N 74°37'49.5" E	AH = N 58°12'17.2" W	AH = N 36°25'03.9" W	AH = N 25°32'28.3" W	AH = N 20°43'28.9" E
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A



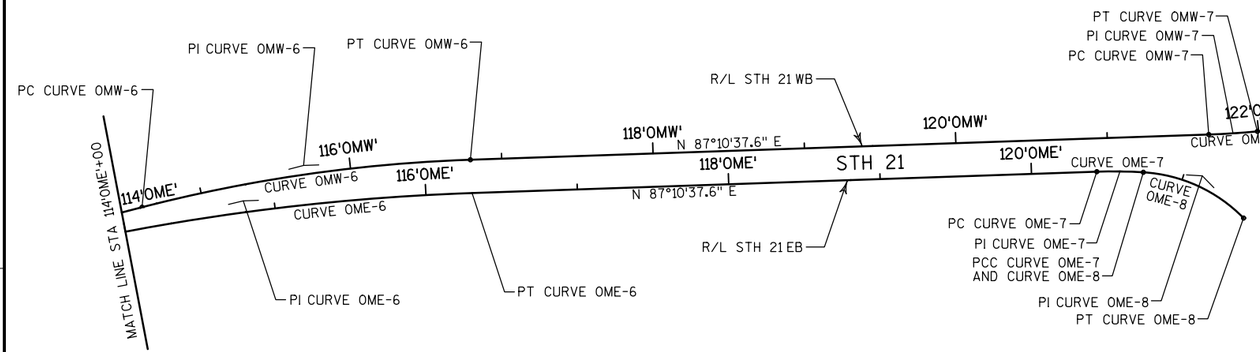
STH 21 EB					BROOKS LN	
CURVE OME-1	CURVE OME-2	CURVE OME-3	CURVE OME-5	CURVE OME-6	CURVE BRK-1	CURVE BRK-2
PI= STA 107'OME'+07.12	PI= STA 109'OME'+99.23	PI= STA 110'OME'+50.66	PI= STA 112'OME'+91.18	PI= STA 114'OME'+80.38	PI= STA 104'BRK'+73.90	PI= STA 106'BRK'+48.59
Y = 478434.65	Y = 478536.47	Y = 478548.50	Y = 478557.02	Y = 478603.93	Y = 478747.23	Y = 478923.39
X = 779573.30	X = 779848.28	X = 779898.33	X = 780125.35	X = 780308.79	X = 779987.01	X = 780024.89
DELTA = 8°57'11.7"	DELTA = 6°47'58.3"	DELTA = 35°16'10.3"	DELTA = 8°18'34.3"	DELTA = 11°31'18.0"	DELTA = 39°46'01.9"	DELTA = 12°03'16.9"
T = 273.86	T = 19.37	T = 32.11	T = 38.21	T = 151.13	T = 67.99	T = 26.40
L = 546.61	L = 38.69	L = 62.17	L = 76.28	L = 301.23	L = 130.48	L = 52.60
R = 3498.00	R = 326.00	R = 101.00	R = 526.00	R = 1498.00	R = 188.00	R = 250.00
PC = STA 104'OME'+33.26	PCC = STA 109'OME'+79.87	PCC = STA 110'OME'+18.55	PC = STA 112'OME'+52.97	PCC = STA 113'OME'+29.25	PC = STA 104'BRK'+05.90	PC = STA 106'BRK'+22.19
Y = 478300.74	Y = 478529.74	Y = 478541.00	Y = 478542.30	Y = 478566.48	Y = 478686.99	Y = 478897.58
X = 779334.41	X = 779830.12	X = 779867.11	X = 780090.09	X = 780162.37	X = 780018.55	X = 780019.34
PCC = STA 109'OME'+79.87	PCC = STA 110'OME'+18.55	PT = STA 110'OME'+80.73	PCC = STA 113'OME'+29.25	PT = STA 116'OME'+30.49	PT = STA 105'BRK'+36.39	PT = STA 106'BRK'+74.79
Y = 478529.74	Y = 478541.00	Y = 478536.60	Y = 478566.48	Y = 478611.37	Y = 478813.70	Y = 478949.79
X = 779830.12	X = 779867.11	X = 779928.15	X = 780162.37	X = 780459.73	X = 780001.31	X = 780024.93
BK = N 60°43'39.8" E	BK = N 69°40'51.4" E	BK = N 76°28'49.7" E	BK = N 67°20'45.3" E	BK = N 75°39'19.6" E	BK = N 27°37'54.1" W	BK = N 12°08'07.8" E
AH = N 69°40'51.4" E	AH = N 76°28'49.7" E	AH = N 68°15'00.0" W	AH = N 75°39'19.6" E	AH = N 87°10'37.6" E	AH = N 12°08'07.8" E	AH = N 0°04'50.9" E
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A

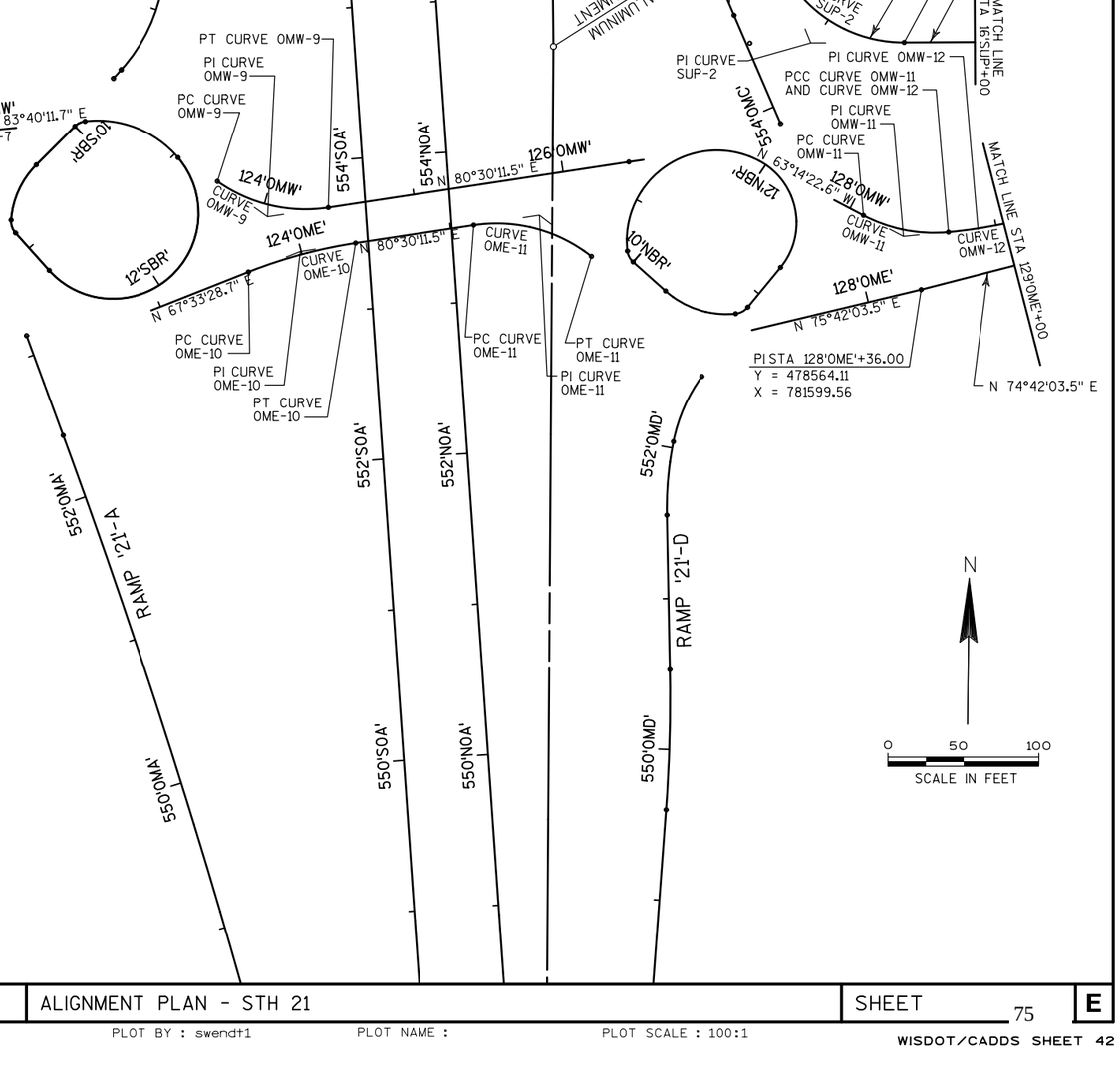
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - STH 21	SHEET 74	E

FILE NAME : ch_1189_027208_ad.dgn PLOT DATE : 15-OCT-2012 PLOT BY : swendt1 PLOT NAME : PLOT SCALE : 100:1

STH 21 WB				
CURVE OMW-6	CURVE OMW-7	CURVE OMW-9	CURVE OMW-11	CURVE OMW-12
PI= STA 115'0MW'+70.06	PI= STA 121'0MW'+83.16	PI= STA 124'0MW'+05.96	PI= STA 128'0MW'+39.94	PI= STA 128'0MW'+87.92
Y = 478627.90	Y = 478658.14	Y = 478605.84	Y = 478599.24	Y = 478604.63
X = 780348.25	X = 780961.47	X = 781165.87	X = 781587.31	X = 781636.66
DELTA = 12°32'48.1"	DELTA = 3°30'25.9"	DELTA = 43°51'35.4"	DELTA = 32°59'32.0"	DELTA = 6°55'40.5"
T = 110.15	T = 16.10	T = 40.66	T = 29.91	T = 19.73
L = 219.42	L = 32.20	L = 77.32	L = 58.16	L = 39.42
R = 1002.00	R = 526.00	R = 101.00	R = 101.00	R = 326.00
PC = STA 114'0MW'+59.91	PC = STA 121'0MW'+67.05	PC = STA 123'0MW'+65.30	PC = STA 128'0MW'+10.03	PCC = STA 128'0MW'+68.19
Y = 478598.70	Y = 478657.34	Y = 478628.79	Y = 478612.71	Y = 478602.49
X = 780242.04	X = 780945.39	X = 781132.30	X = 781560.60	X = 781617.04
PT = STA 116'0MW'+79.33	PT = STA 121'0MW'+99.25	PT = STA 124'0MW'+42.61	PCC = STA 128'0MW'+68.19	PT = STA 129'0MW'+07.61
Y = 478633.32	Y = 478659.91	Y = 478612.55	Y = 478602.49	Y = 478609.13
X = 780458.26	X = 780977.48	X = 781205.98	X = 781617.04	X = 781655.87
BK = N 74°37'49.5" E	BK = N 87°10'37.6" E	BK = N 55°38'13.1" W	BK = N 63°14'22.6" W	BK = N 83°46'05.4" E
AH = N 87°10'37.6" E	AH = N 83°40'11.7" E	AH = N 80°30'11.5" E	AH = N 83°46'05.4" E	AH = N 76°50'24.9" E
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A

SHARED USE PATH
CURVE SUP-2
PI= STA 17'SUP'+07.69
Y = 478726.47
X = 781524.94
DELTA = 68°10'21.4"
T = 60.90
L = 107.09
R = 90.00
PC = STA 16'SUP'+46.79
Y = 478727.70
X = 781585.84
PCC = STA 17'SUP'+53.87
Y = 478782.54
X = 781501.16
BK = N 88°50'37.3" E
AH = N 22°59'01.3" W
SE = N/A





STH 21 EB				
CURVE OME-6	CURVE OME-7	CURVE OME-8	CURVE OME-10	CURVE OME-11
PI= STA 114'0ME'+80.38	PI= STA 120'0ME'+58.53	PI= STA 121'0ME'+12.86	PI= STA 123'0ME'+99.60	PI= STA 125'0ME'+59.51
Y = 478603.93	Y = 478632.45	Y = 478630.00	Y = 478583.17	Y = 478609.60
X = 780308.79	X = 780887.26	X = 780941.55	X = 781187.91	X = 781345.94
DELTA = 11°31'18.0"	DELTA = 5°24'14.0"	DELTA = 42°11'30.7"	DELTA = 12°56'42.8"	DELTA = 47°03'40.1"
T = 151.13	T = 15.38	T = 38.96	T = 36.99	T = 43.98
L = 301.23	L = 30.75	L = 74.38	L = 73.66	L = 82.96
R = 1498.00	R = 326.00	R = 101.00	R = 326.00	R = 101.00
PCC = STA 113'0ME'+29.25	PC = STA 120'0ME'+43.15	PCC = STA 120'0ME'+73.89	PC = STA 123'0ME'+62.61	PC = STA 125'0ME'+15.53
Y = 478566.48	Y = 478631.69	Y = 478631.76	Y = 478569.05	Y = 478602.35
X = 780162.37	X = 780871.89	X = 780902.63	X = 781153.73	X = 781302.57
PT = STA 116'0ME'+30.49	PCC = STA 120'0ME'+73.89	PT = STA 121'0ME'+48.27	PT = STA 124'0ME'+36.27	PT = STA 125'0ME'+98.48
Y = 478611.37	Y = 478631.76	Y = 478602.56	Y = 478589.27	Y = 478582.79
X = 780459.73	X = 780902.63	X = 780969.21	X = 781224.39	X = 781380.80
BK = N 75°39'19.6" E	BK = N 87°10'37.6" E	BK = N 87°25'08.3" W	BK = N 67°33'28.7" E	BK = N 80°30'11.5" E
AH = N 87°10'37.6" E	AH = N 87°25'08.3" W	AH = N 45°13'37.7" W	AH = N 80°30'11.5" E	AH = N 52°26'08.4" W
SE = N/A	SE = N/A	SE = N/A	SE = N/A	SE = N/A

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	ALIGNMENT PLAN - STH 21	SHEET 75	E

STH 21 WB

CURVE OMW-12
PI = STA 128'OMW'+87.92
Y = 478604.63
X = 781636.66
DELTA = 6°55'40.5"
T = 19.73
L = 39.42
R = 326.00
PCC = STA 128'OMW'+68.19
Y = 478602.49
X = 781617.04
PT = STA 129'OMW'+07.61
Y = 478609.13
X = 781655.87
BK = N 83°46'05.4" E
AH = N 76°50'24.9" E
SE = N/A

CURVE OMW-13
PI = STA 131'OMW'+33.80
Y = 478660.62
X = 781876.12
DELTA = 9°27'16.9"
T = 99.40
L = 198.35
R = 1202.00
PC = STA 130'OMW'+34.40
Y = 478637.99
X = 781779.33
PT = STA 132'OMW'+32.75
Y = 478667.04
X = 781975.31
BK = N 76°50'24.9" E
AH = N 86°17'41.8" E
SE = N/A

CURVE OMW-14
PI = STA 134'OMW'+27.53
Y = 478679.63
X = 782169.69
DELTA = 3°40'48.8"
T = 20.11
L = 40.21
R = 626.00
PC = STA 134'OMW'+07.41
Y = 478678.33
X = 782149.62
PCC = STA 134'OMW'+47.62
Y = 478682.22
X = 782189.63
BK = N 86°17'41.8" E
AH = N 82°36'53.0" E
SE = N/A

CURVE OMW-15
PI = STA 134'OMW'+63.38
Y = 478684.24
X = 782205.25
DELTA = 6°31'58.6"
T = 15.75
L = 31.47
R = 276.00
PCC = STA 134'OMW'+47.62
Y = 478682.22
X = 782189.63
PT = STA 134'OMW'+79.09
Y = 478688.03
X = 782220.54
BK = N 82°36'53.0" E
AH = N 76°04'54.4" E
SE = N/A

CURVE OMW-17
PI = STA 136'OMW'+41.90
Y = 478648.74
X = 782367.80
DELTA = 37°59'02.1"
T = 34.76
L = 66.96
R = 101.00
PC = STA 136'OMW'+07.14
Y = 478667.37
X = 782338.45
PCC = STA 136'OMW'+74.10
Y = 478652.11
X = 782402.40
BK = N 57°35'25.0" W
AH = N 84°25'32.8" E
SE = N/A

CURVE OMW-18
PI = STA 136'OMW'+91.48
Y = 478653.80
X = 782419.69
DELTA = 6°06'12.8"
T = 17.38
L = 34.73
R = 326.00
PCC = STA 136'OMW'+74.10
Y = 478652.11
X = 782402.40
PT = STA 137'OMW'+08.83
Y = 478657.31
X = 782436.72
BK = N 84°25'32.8" E
AH = N 78°19'20.0" E
SE = N/A

CURVE OMW-19
PI = STA 139'OMW'+54.07
Y = 478706.96
X = 782676.88
DELTA = 16°49'33.5"
T = 118.32
L = 234.93
R = 800.00
PC = STA 138'OMW'+35.76
Y = 478683.01
X = 782561.01
PT = STA 140'OMW'+70.69
Y = 478763.42
X = 782780.86
BK = N 78°19'20.0" E
AH = N 61°29'46.5" E
SE = N/A

ALLEY ST

CURVE ALL-1
PI = STA 9'ALL'+88.86
Y = 478503.58
X = 782245.43
DELTA = 17°09'27.3"
T = 11.31
L = 22.46
R = 75.00
PC = STA 9'ALL'+77.54
Y = 478510.03
X = 782236.13
PCC = STA 10'ALL'+00.00
Y = 478500.17
X = 782256.22
BK = N 55°17'50.7" W
AH = N 72°27'18.0" W
SE = N/A

CURVE ALL-2
PI = STA 10'ALL'+18.09
Y = 478494.72
X = 782273.47
DELTA = 27°07'24.2"
T = 18.09
L = 35.50
R = 75.00
PCC = STA 10'ALL'+00.00
Y = 478500.17
X = 782256.22
PCC = STA 10'ALL'+35.50
Y = 478497.73
X = 782291.31
BK = N 72°27'18.0" W
AH = N 80°25'17.8" E
SE = N/A

CURVE ALL-3
PI = STA 10'ALL'+69.49
Y = 478503.38
X = 782324.82
DELTA = 19°17'14.4"
T = 33.98
L = 67.33
R = 200.00
PCC = STA 10'ALL'+35.50
Y = 478497.73
X = 782291.31
PT = STA 11'ALL'+02.83
Y = 478519.79
X = 782354.58
BK = N 80°25'17.8" E
AH = N 61°08'03.5" E
SE = N/A

N. KOELLER ST

CURVE KSN-1
PI = STA 106+'KSN'50.32
Y = 478806.75
X = 782284.59
DELTA = 10°48'16.1"
T = 48.99
L = 97.68
R = 518.00
PC = STA 106'KSN'+01.33
Y = 478758.72
X = 782294.21
PT = STA 106'KSN'+99.01
Y = 478855.74
X = 782284.14
BK = N 11°19'38.7" W
AH = N 0°31'22.6" W
SE = N/A

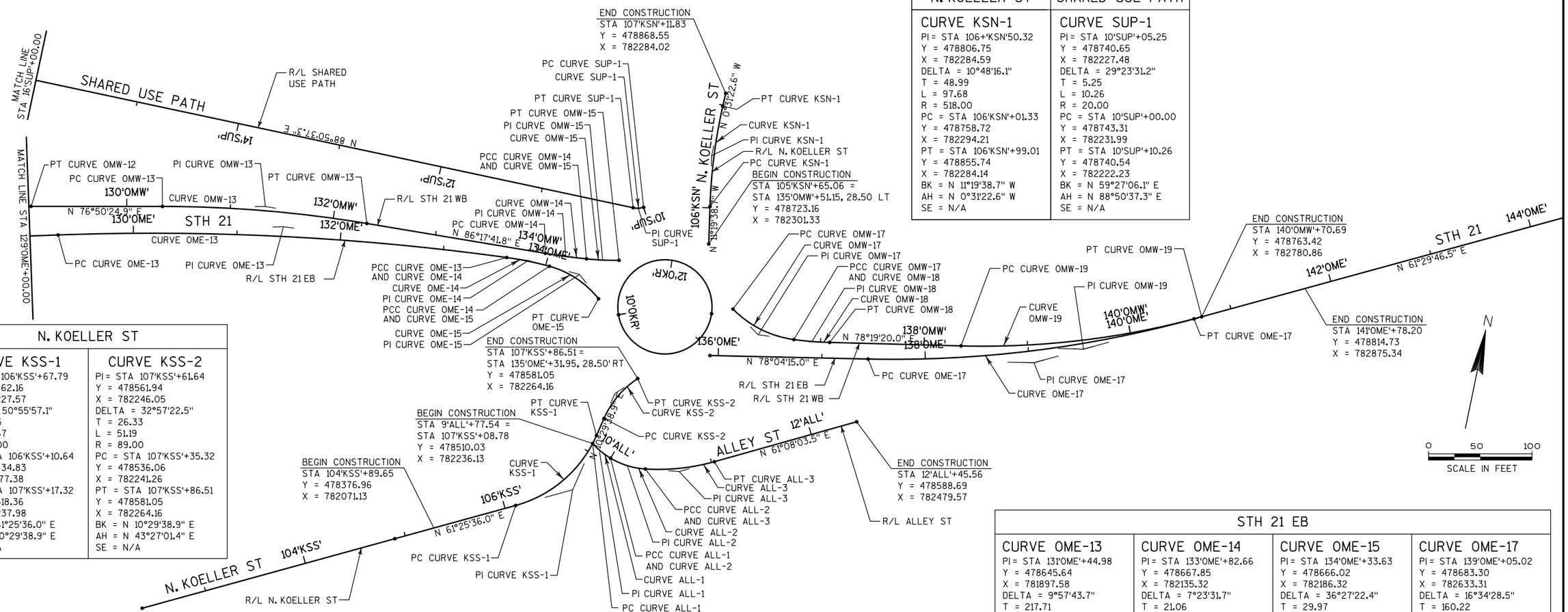
SHARED USE PATH

CURVE SUP-1
PI = STA 10'SUP'+05.25
Y = 478740.65
X = 782227.48
DELTA = 29°23'31.2"
T = 5.25
L = 10.26
R = 20.00
PC = STA 10'SUP'+00.00
Y = 478743.31
X = 782231.99
PT = STA 10'SUP'+10.26
Y = 478740.54
X = 782222.23
BK = N 59°27'06.1" E
AH = N 88°50'37.3" E
SE = N/A

N. KOELLER ST

CURVE KSS-1
PI = STA 106'KSS'+67.79
Y = 478462.16
X = 782227.57
DELTA = 50°55'57.1"
T = 57.15
L = 106.67
R = 120.00
PC = STA 106'KSS'+10.64
Y = 478434.83
X = 782177.38
PT = STA 107'KSS'+17.32
Y = 478518.36
X = 782237.98
BK = N 61°25'36.0" E
AH = N 10°29'38.9" E
SE = N/A

CURVE KSS-2
PI = STA 107'KSS'+61.64
Y = 478561.94
X = 782246.05
DELTA = 32°57'22.5"
T = 26.33
L = 51.19
R = 89.00
PC = STA 107'KSS'+35.32
Y = 478536.06
X = 782241.26
PT = STA 107'KSS'+86.51
Y = 478581.05
X = 782264.16
BK = N 10°29'38.9" E
AH = N 43°27'01.4" E
SE = N/A



STH 21 EB

CURVE OME-13
PI = STA 131'OME'+44.98
Y = 478645.64
X = 781897.58
DELTA = 9°57'43.7"
T = 217.71
L = 434.33
R = 2498.00
PC = STA 129'OME'+27.26
Y = 478588.19
X = 781687.58
PCC = STA 133'OME'+61.60
Y = 478665.89
X = 782114.35
BK = N 74°42'03.5" E
AH = N 84°39'47.2" E
SE = N/A

CURVE OME-14
PI = STA 133'OME'+82.66
Y = 478667.85
X = 782135.32
DELTA = 7°23'31.7"
T = 21.06
L = 42.06
R = 326.00
PCC = STA 133'OME'+61.60
Y = 478665.89
X = 782114.35
PCC = STA 134'OME'+03.66
Y = 478667.09
X = 782156.37
BK = N 84°39'47.2" E
AH = N 87°56'41.0" W
SE = N/A

CURVE OME-15
PI = STA 134'OME'+33.63
Y = 478666.02
X = 782186.32
DELTA = 36°27'22.4"
T = 29.97
L = 57.90
R = 91.00
PCC = STA 134'OME'+03.66
Y = 478667.09
X = 782156.37
PT = STA 134'OME'+61.56
Y = 478647.36
X = 782209.77
BK = N 87°56'41.0" W
AH = N 51°29'18.6" W
SE = N/A

CURVE OME-17
PI = STA 139'OME'+05.02
Y = 478683.30
X = 782633.31
DELTA = 16°34'28.5"
T = 160.22
L = 318.21
R = 1100.00
PC = STA 137'OME'+44.80
Y = 478650.18
X = 782476.55
PT = STA 140'OME'+63.01
Y = 478759.76
X = 782774.11
BK = N 78°04'15.0" E
AH = N 61°29'46.5" E
SE = N/A

DATE 24JAN13 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1120-11-89 QUANTITY
0010	213.0100	FINISHING ROADWAY (PROJECT) 01. 1120-11-89	EACH	1.000	1.000
0020	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	26.000	26.000
0030	602.0405	CONCRETE SIDEWALK 4-INCH	SF	4,075.000	4,075.000
0040	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 1120-11-89	EACH	1.000	1.000
0050	619.1000	MOBILIZATION	EACH	1.000	1.000
0060	625.0100	TOPSOIL	SY	4,950.000	4,950.000
0070	627.0200	MULCHING	SY	4,950.000	4,950.000
0080	628.1504	SILT FENCE	LF	4,970.000	4,970.000
0090	628.1520	SILT FENCE MAINTENANCE	LF	4,970.000	4,970.000
0100	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	6.000	6.000
0110	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	3.000	3.000
0120	628.7010	INLET PROTECTION TYPE B	EACH	1.000	1.000
0130	628.7015	INLET PROTECTION TYPE C	EACH	22.000	22.000
0140	628.7570	ROCK BAGS	EACH	30.000	30.000
0150	629.0210	FERTILIZER TYPE B	CWT	4.000	4.000
0160	630.0140	SEEDING MIXTURE NO. 40	LB	20.000	20.000
0170	630.0180	SEEDING MIXTURE NO. 80	LB	35.000	35.000
0180	630.0200	SEEDING TEMPORARY	LB	80.000	80.000
0190	632.0101	TREES (SPECIES, ROOT, SIZE) 01. MAPLE 'STATE STREET', B&B, 2" CAL	EACH	10.000	10.000
0200	632.0101	TREES (SPECIES, ROOT, SIZE) 02. CRABAPPLE, REDBUD, B&B, 2" CAL.	EACH	5.000	5.000
0210	632.0101	TREES (SPECIES, ROOT, SIZE) 03. CRABAPPLE, SARGENT (SHRUB FORM TREE) B&B, 6' HT	EACH	5.000	5.000
0220	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 01. HONEYSUCKLE, DWARF BUSH CG, 18" SP / 2 GAL	EACH	42.000	42.000
0230	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 02. MEADOWSWEET, CG, 18" HT / 2 GAL	EACH	95.000	95.000
0240	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 03. NEW JERSEY TEA, CG, 18" HT / 2 GAL	EACH	211.000	211.000
0250	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 04. ROSE 'SEA FOAM', CG, 24" SP / 2 GAL	EACH	73.000	73.000
0260	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 05. SNOWBERRY, COMMON, CG, 18" HT / 2 GAL	EACH	35.000	35.000
0270	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 06. SPIREA 'GUMBALL', CG, 18" HT / 2 GAL	EACH	263.000	263.000
0280	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 07. SPIREA 'TOR', CG, 18" HT / 2 GAL	EACH	72.000	72.000
0290	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 08. ST. JOHN'S WORT, CG, 18" HT / 2 GAL	EACH	95.000	95.000
0300	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 09. SUMAC, FRAGRANT 'GRO-LOW', CG, 24" SP / 2 GAL	EACH	86.000	86.000
0310	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 10. ARBORVITAE, 'LITTLE GEM', CG, 24" HT / 3 GAL	EACH	24.000	24.000
0320	632.9101	LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES	EACH	26.000	26.000
0330	643.0100	TRAFFIC CONTROL (PROJECT) 01. 1120-11-89	EACH	1.000	1.000
0340	643.0300	TRAFFIC CONTROL DRUMS	DAY	4,104.000	4,104.000
0350	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	108.000	108.000
0360	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	216.000	216.000
0370	643.0800	TRAFFIC CONTROL ARROW BOARDS	DAY	216.000	216.000
0380	643.0900	TRAFFIC CONTROL SIGNS	DAY	1,188.000	1,188.000

3

DATE 24JAN13 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1120-11-89 QUANTITY
0390	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT $5.00/HR	HRS	600.000	600.000
0400	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT $5.00/HR	HRS	1,200.000	1,200.000
0410	SPV.0035	SPECIAL 0001. PLANTING MIXTURE	CY	832.000	832.000
0420	SPV.0035	SPECIAL 0101. CONCRETE FOOTINGS AND WALL	CY	104.000	104.000
0430	SPV.0060	SPECIAL 0001. PERENNIALS, ALLIUM (SUMMER BEAUTY), CG, 1 GAL	EACH	61.000	61.000
0440	SPV.0060	SPECIAL 0002. PERENNIALS, CONEFLOWER, PURPLE (MAGNUS), CG, 1 GAL	EACH	92.000	92.000
0450	SPV.0060	SPECIAL 0003. PERENNIALS, DAYLILY (SUMMER WINE), CG, 1 GAL	EACH	118.000	118.000
0460	SPV.0060	SPECIAL 0004. PERENNIALS, LITTLE BLUESTEM (THE BLUES), CG, 1 GAL	EACH	438.000	438.000
0470	SPV.0060	SPECIAL 0005. PERENNIALS, PRAIRIE DROPSEED, CG, 1 GAL	EACH	69.000	69.000
0480	SPV.0060	SPECIAL 0006. PERENNIALS, RUSSIAN SAGE (LITTLE SPIRE), CG, 1 GAL	EACH	42.000	42.000
0490	SPV.0060	SPECIAL 0007. PERENNIALS, SALVIA (CARADONNA), CG, 1 GAL	EACH	84.000	84.000
0500	SPV.0060	SPECIAL 0008. PERENNIALS, YARROW (SNOW SPORT), CG, 1 GAL	EACH	53.000	53.000
0510	SPV.0060	SPECIAL 0009. PERENNIALS, ALUMROOT, PRAIRIE, POT, 4-INCH	EACH	1,038.000	1,038.000
0520	SPV.0060	SPECIAL 0010. PERENNIALS, ASTER, SMOOTH, POT 4-INCH	EACH	1,038.000	1,038.000
0530	SPV.0060	SPECIAL 0011. PERENNIALS, BAPTISIA, PRAIRIE, POT, 4-INCH	EACH	1,038.000	1,038.000
0540	SPV.0060	SPECIAL 0012. PERENNIALS, BERGAMONT, WILD, POT, 4-INCH	EACH	1,038.000	1,038.000
0550	SPV.0060	SPECIAL 0013. PERENNIALS, BLACK-EYED SUSAN, POT, 4-INCH	EACH	1,038.000	1,038.000
0560	SPV.0060	SPECIAL 0014. PERENNIALS, BLAZING STAR, BUTTON, POT, 4-INCH	EACH	1,038.000	1,038.000
0570	SPV.0060	SPECIAL 0015. PERENNIALS, BUTTERFLY WEED, POT, 4-INCH	EACH	1,038.000	1,038.000
0580	SPV.0060	SPECIAL 0016. PERENNIALS, CONEFLOWER, PALE PURPLE, POT, 4-INCH	EACH	1,038.000	1,038.000
0590	SPV.0060	SPECIAL 0017. PERENNIALS, CONEFLOWER, YELLOW, POT, 4-INCH	EACH	1,038.000	1,038.000
0600	SPV.0060	SPECIAL 0018. PERENNIALS, GERANIUM, WILD, POT, 4-INCH	EACH	1,038.000	1,038.000
0610	SPV.0060	SPECIAL 0019. PERENNIALS, GOLDEN ALEXANDERS, POT, 4-INCH	EACH	1,038.000	1,038.000
0620	SPV.0060	SPECIAL 0020. PERENNIALS, GOLDENROD, SHOWY, POT, 4-INCH	EACH	1,038.000	1,038.000
0630	SPV.0060	SPECIAL 0021. PERENNIALS, INDIGO, FALSE, POT, 4-INCH	EACH	1,038.000	1,038.000
0640	SPV.0060	SPECIAL 0022. PERENNIALS, NODDING ONION, POT, 4-INCH	EACH	1,038.000	1,038.000
0650	SPV.0060	SPECIAL 0023. PERENNIALS, PRAIRIE CLOVER, PURPLE, POT, 4-INCH	EACH	1,038.000	1,038.000
0660	SPV.0060	SPECIAL 0024. PERENNIALS, PRAIRIE CLOVER, WHITE, POT, 4-INCH	EACH	1,038.000	1,038.000
0670	SPV.0060	SPECIAL 0025. PERENNIALS, PRAIRIE DROPSEED, POT, 4-INCH	EACH	1,038.000	1,038.000
0680	SPV.0060	SPECIAL 0026. PERENNIALS, RATTLESNAKE MASTER, POT, 4-INCH	EACH	518.000	518.000

DATE 24JAN13 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1120-11-89 QUANTITY
0690	SPV.0060	SPECIAL 0027. PERENNIALS, SPIDERWORT, OHIO, POT, 4-INCH	EACH	1,038.000	1,038.000
0700	SPV.0060	SPECIAL 0028. PERENNIALS, SUNFLOWER, WESTERN, POT, 4-INCH	EACH	518.000	518.000
0710	SPV.0060	SPECIAL 0102. BENCH	EACH	24.000	24.000
0720	SPV.0060	SPECIAL 0103. CLAN SYMBOL SCREEN	EACH	1.000	1.000
0730	SPV.0060	SPECIAL 0104. FLAME TYPE 2	EACH	1.000	1.000
0740	SPV.0060	SPECIAL 0105. KIOSK	EACH	10.000	10.000
0750	SPV.0060	SPECIAL 0106. OFFERING FIRE OBELISK	EACH	1.000	1.000
0760	SPV.0060	SPECIAL 0107. RAILING TYPE 1	EACH	8.000	8.000
0770	SPV.0060	SPECIAL 0108. RAILING TYPE 2	EACH	1.000	1.000
0780	SPV.0060	SPECIAL 0109. RAILING TYPE 3	EACH	1.000	1.000
0790	SPV.0060	SPECIAL 0110. RAILING TYPE 4	EACH	1.000	1.000
0800	SPV.0060	SPECIAL 0111. RAILING TYPE 5	EACH	1.000	1.000
0810	SPV.0060	SPECIAL 0112. PLAQUES ALUMINUM TYPE 1	EACH	30.000	30.000
0820	SPV.0060	SPECIAL 0113. PLAQUES BRONZE, TYPE 1	EACH	1.000	1.000
0830	SPV.0060	SPECIAL 0114. PLAQUES BRONZE, TYPE 2	EACH	8.000	8.000
0840	SPV.0060	SPECIAL 0115. PLAQUES ALUMINUM TYPE 2	EACH	12.000	12.000
0850	SPV.0085	SPECIAL 0200. SPECIAL LOW MAINTENANCE SEED MIX	LB	2.000	2.000
0860	SPV.0090	SPECIAL 0115. SAW CUT CONCRETE	LF	1,442.000	1,442.000
0870	SPV.0090	SPECIAL 0200. RAILING 54-INCH	LF	1,900.000	1,900.000
0880	SPV.0105	SPECIAL 0001. INVASIVE SPECIES CONTROL	LS	1.000	1.000
0890	SPV.0105	SPECIAL 0016. SOLAR POWERED DECORATIVE LIGHTING SYSTEM	LS	1.000	1.000
0900	SPV.0105	SPECIAL 0200. SURVEY PROJECT I.D. 1120-11-89	LS	1.000	1.000
0910	SPV.0165	SPECIAL 0117. STAINING CONCRETE	SF	2,000.000	2,000.000
0920	SPV.0180	SPECIAL 0001. SHREDDED HARDWOOD BARK MULCH	SY	1,248.000	1,248.000
0930	SPV.0180	SPECIAL 0002. SHREDDED LEAF MULCH	SY	1,721.000	1,721.000
0940	SPV.0195	SPECIAL 0200. LIMESTONE SCREENINGS	TON	8.000	8.000

3

BASE AGGREGATE DENSE LIMESTONE SCREENINGS ITEMS

LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	SPV.0195.0200 LIMESTONE SCREENINGS TON
CAT 0010		
OVERLOOK 1	2	--
OVERLOOK 2	2	--
OVERLOOK 3	2	--
OVERLOOK 4	2	--
OVERLOOK 5	2	--
OVERLOOK 6	2	5
OVERLOOK 7	2	3
OVERLOOK 8	2	--
OVERLOOK 9	2	--
OVERLOOK 10	2	--
OVERLOOK 11	2	--
OVERLOOK 12	6	--
OVERLOOK 13	2	--
TOTAL	26	8

ASSUMED 1" DEPTH PER OVERLOOK TO BRING TO PAVING GRADE.
ASSUMED 2" DEPTH TO MATCH INTO PAVING.

MOBILIZATION

PROJECT	619.1000 MOBILIZATION EACH
CAT 0010	
1120-11-89	1
TOTAL	1

SILT FENCE ITEMS

LOCATION	628.1504 SILT FENCE LF	628.1520 MAINTENANCE LF
CAT 0010		
OVERLOOK 1	51	51
OVERLOOK 2	51	51
OVERLOOK 3	51	51
OVERLOOK 4	51	51
OVERLOOK 5	50	50
OVERLOOK 6	84	84
OVERLOOK 7	61	61
OVERLOOK 8	46	46
OVERLOOK 9	51	51
OVERLOOK 10	51	51
OVERLOOK 11	51	51
OVERLOOK 12	95	95
OVERLOOK 13	51	51
AREA A	229	229
AREA B	275	275
AREA C	290	290
AREA D	334	334
AREA E	359	359
AREA F	384	384
AREA G	340	340
AREA H	327	327
AREA I	310	310
AREA J	283	283
AREA K	267	267
UNDISTRIBUTED	828	828
TOTALS	4,970	4,970

LANDSCAPING ITEMS

LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEED MIXTURE NO. 40 LB	630.0180 SEED MIXTURE NO. 80 LB	630.0200 SEED TEMPORARY LB	SPV.0085.0200 SPECIAL LOW MAINTENANCE SEED MIX LB
CAT 0010							
AREA 1	82	82	.10	2	--	2	--
AREA 2	310	310	.20	6	--	5	--
AREA 3	47	47	.10	1	--	1	--
AREA 4	313	313	.20	6	--	5	--
AREA A	73	73	.10	--	1	1	--
AREA B	155	155	.10	--	2	3	--
AREA C	214	214	.20	--	2	3	--
AREA D	323	323	.30	--	3	5	--
AREA E	429	429	.30	--	4	6	--
AREA F	550	550	.40	--	4	8	--
AREA G	526	526	.40	--	4	8	--
AREA H	389	389	.30	--	3	6	--
AREA I	262	262	.20	--	2	4	--
AREA J	136	136	.10	--	1	2	--
AREA K	64	64	.10	--	1	1	--
OVERLOOKS	223	223	.20	--	1	4	2
UNDISTRIBUTED	855	855	1	3	6	13	--
TOTALS	4,950	4,950	4	20	35	80	2

LANDSCAPING QUANTITIES WERE CALCULATED ASSUMING THAT 1/3 OF THE AREA IS DISTURBED DURING CONSTRUCTION ACTIVITIES.

3

EROSION CONTROL MOBILIZATIONS ITEMS

PROJECT	628.1905 EROSION CONTROL EACH	628.1910 EMERGENCY EROSION CONTROL EACH
CAT 0010		
1120-11-89	6	3
TOTALS	6	3

INLET PROTECTION ITEMS

LOCATION	LOCATION	628.7010 TYPE B EACH	628.7015 TYPE C EACH
CAT 0010			
100'WAS'+92	LT	--	1
101'WAS'+25	LT & RT	--	4
127'OME'+96	LT	--	1
129'OME'+00	LT & RT	--	4
131'OME'+99	LT & RT	--	2
132'OME'+18	LT & RT	--	4
137'OME'+75	LT	--	3
138'OME'+31	RT	--	3
17'FPS'+00	LT	1	--
TOTAL		1	22

DITCH CHECK ITEMS

LOCATION	628.7570 ROCK BAGS EACH
CAT 0010	
18'FPS'+23	15
0'FPN'+12	15
TOTALS	30

3

TRAFFIC CONTROL ITEMS

LOCATION	DAYS	643.0300 DRUMS NO.	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III NO.	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A NO.	643.0705 WARNING LIGHTS TYPE A DAYS	643.0800 ARROW BOARDS NO.	643.0800 ARROW BOARDS DAYS	643.0900 SIGNS NO.	643.0900 SIGNS DAYS
CAT 0010											
USH 41 NB	54	18	972	--	--	--	--	1	54	6	324
USH 41 SB	54	27	1,458	--	--	--	--	1	54	6	324
WASHBURN	54	16	864	1	54	2	108	1	54	5	270
STH 21	54	15	810	1	54	2	108	1	54	5	270
TOTALS			4,104		108		216		216		1,188

RAILING 54-INCH

STATION - STATION	LOCATION	SPV.0090.0200 RAILING 54-INCH LF
CAT 0010		
589'NOA'+01 - 10'FPS'+58	RT	100
589'NOA'+29 - 598'NOA'+79	RT	925
7'FPN'+86 - 615'NOA'+27	RT	100
607'NOA'+35 - 615'NOA'+00	RT	775
TOTALS		1,900

CONCRETE SIDEWALK 4-INCH

602.0405

LOCATION	SF
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	1,590
STOCKBRIDGE MUNSEE (2)	265
LAC DU FLAMBEAU (5)	265
RED CLIFF (6)	267
HO-CHUNK (7)	267
ST. CROIX (10)	265
LAKE BUTTE DES MORTS HISTORY (12)	891
OFFERING FIRE (13)	265
TOTALS	4,075

CONCRETE FOOTINGS AND WALL

SPV.0035.0101

LOCATION	CY
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	42
STOCKBRIDGE MUNSEE (2)	8
LAC DU FLAMBEAU (5)	10
RED CLIFF (6)	2
HO-CHUNK (7)	11.5
ST. CROIX (10)	7
LAKE BUTTE DES MORTS HISTORY (12)	15
OFFERING FIRE (13)	8
TOTALS	104

BENCH

SPV.0060.0102

LOCATION	EACH
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	12
STOCKBRIDGE MUNSEE (2)	2
LAC DU FLAMBEAU (5)	2
RED CLIFF (6)	2
HO-CHUNK (7)	2
ST. CROIX (10)	2
LAKE BUTTE DES MORTS HISTORY (12)	2
TOTALS	24

CLAN SYMBOL SCREEN

SPV.0060.0103

LOCATION	EACH
CAT 0100	
HO-CHUNK (7)	1
TOTALS	1

FLAME TYPE 2

SPV.0060.0104

LOCATION	EACH
CAT 0100	
LAC DU FLAMBEAU (5)	1
TOTALS	1

KIOSK

SPV.0060.0105

LOCATION	EACH
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	6
LAC DU FLAMBEAU (5)	1
RED CLIFF (6)	1
HO-CHUNK (7)	1
ST. CROIX (10)	1
TOTALS	10

OFFERING FIRE OBELISK

SPV.0060.0106

LOCATION	EACH
CAT 0100	
OFFERING FIRE (13)	1
TOTALS	1

RAILING

LOCATION	SPV.0060.0107 RAILING TYPE 1 EACH	SPV.0060.0108 RAILING TYPE 2 EACH	SPV.0060.0109 RAILING TYPE 3 EACH	SPV.0060.0110 RAILING TYPE 4 EACH	SPV.0060.0111 RAILING TYPE 5 EACH
CAT 0100					
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	6				
STOCKBRIDGE MUNSEE (2)		1			
LAC DU FLAMBEAU (5)			1		
HO-CHUNK (7)				1	
ST. CROIX (10)	1				
LAKE BUTTE DES MORTS HISTORY (12)					1
OFFERING FIRE (13)	1				
TOTALS	8	1	1	1	1

PLAQUES ALUMINUM TYPE 1

LOCATION	SPV.0060.0112 EACH
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	12
STOCKBRIDGE MUNSEE (2)	3
LAC DU FLAMBEAU (5)	2
RED CLIFF (6)	2
HO-CHUNK (7)	2
ST. CROIX (10)	2
LAKE BUTTE DES MORTS HISTORY (12)	7
TOTALS	30

PLAQUES BRONZE TYPE 1

LOCATION	SPV.0060.0113 EACH
CAT 0100	
OFFERING FIRE (13)	1
TOTALS	1

PLAQUES BRONZE TYPE 2

LOCATION	SPV.0060.0114 EACH
CAT 0100	
LAKE BUTTE DES MORTS HISTORY (12)	8
TOTALS	8

PLAQUES ALUMINUM TYPE 2

LOCATION	SPV.0060.0115 EACH
CAT 0100	
HO-CHUNK (7)	12
TOTALS	12

SAW CUT CONCRETE

LOCATION	SPV.0090.0015 LF
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	636
STOCKBRIDGE MUNSEE (2)	113
LAC DU FLAMBEAU (5)	106
RED CLIFF (6)	106
HO-CHUNK (7)	106
ST. CROIX (10)	106
LAKE BUTTE DES MORTS HISTORY (12)	199
OFFERING FIRE (13)	70
TOTALS	1,442

STAINING CONCRETE

LOCATION	SPV.0165.0117 SF
CAT 0100	
BAD RIVER (1), ONEIDA (3), MENOMINEE (4), LAC COURTE OREILLES (8), MOLE LAKE (9), AND FOREST COUNTY POTAWATOMI (11)	1,090
STOCKBRIDGE MUNSEE (2)	182
LAC DU FLAMBEAU (5)	182
RED CLIFF (6)	182
HO-CHUNK (7)	182
ST. CROIX (10)	182
TOTALS	2,000

TREE ITEMS

	LOCATION	632.0101.01 TREES MAPLE STATE STREET' B&B, 2" CAL. EACH	632.0101.02 TREES CRABAPPLE REDBUD B&B, 2" CAL. EACH	632.0101.03 TREES CRABAPPLE, SARGENT (SHRUB FORM TREE) B&B, 6' HT EACH
CAT 0010				
	BED 1	--	--	--
	BED 2	10	--	--
	BED 4	--	5	5
TOTALS		**10**	**5**	**5**

3

SHRUB ITEMS

	LOCATION	632.0201.01 SHRUBS HONEYSUCKLE DWARF BUSH CG, 18" SP / 2 GAL EACH	632.0201.02 SHRUBS MEADOWSWEET CG, 18" HT / 2 GAL EACH	632.0201.03 SHRUBS NEW JERSEY TEA CG, 18" HT / 2 GAL EACH	632.0201.04 SHRUBS ROSE SEA FOAM' CG, 24" SP / 2 GAL EACH	632.0201.05 SHRUBS SNOWBERRY COMMON CG, 18" HT / 2 GAL EACH	632.0201.06 SHRUBS SPIREA GUMBALL' CG, 18" HT / 2 GAL EACH	632.0201.07 SHRUBS SPIREA TOR' CG, 18" HT / 2 GAL EACH	632.0201.08 SHRUBS ST. JOHN'S WORT CG, 18" HT / 2 GAL EACH	632.0201.09 SHRUBS SUMAC, FRAGRANT GRO-LOW' CG, 24" SP / 2 GAL EACH	632.0201.10 SHRUBS ARBORVITAE LITTLE GEM' CG, 24" HT / 3 GAL EACH
CAT 0010											
	BED A	1	2	5	--	1	--	--	2	--	--
	BED B	2	5	10	--	2	--	--	5	--	--
	BED C	3	6	14	--	2	--	--	6	--	--
	BED D	4	10	22	--	3	--	--	10	--	--
	BED E	6	13	29	--	5	--	--	13	--	--
	BED F	7	16	37	--	6	--	--	16	--	--
	BED G	7	16	36	--	6	--	--	16	--	--
	BED H	6	13	28	--	5	--	--	13	--	--
	BED I	3	8	17	--	3	--	--	8	--	--
	BED J	2	4	9	--	1	--	--	4	--	--
	BED K	1	2	4	--	1	--	--	2	--	--
	BED 1	--	--	--	16	--	52	--	--	16	--
	BED 2	--	--	--	53	--	151	72	--	60	24
	BED 3	--	--	--	4	--	60	--	--	10	--
TOTALS		**42**	**95**	**211**	**73**	**35**	**263**	**72**	**95**	**86**	**24**

MISCELLANEOUS PLANTING ITEMS

LOCATION	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES EACH	SPV.0035.0001 PLANTING MIXTURE CY	SPV.0105.0001 INVASIVE SPECIES CONTROL LS	SPV.0180.0001 SHREDDED HARDWOOD BARK MULCH SY	SPV.0180.0002 SHREDDED LEAF MULCH SY
CAT 0010					
PROJECT	26	--	1	--	--
BED A	--	--	--	--	20
BED B	--	--	--	--	86
BED C	--	--	--	--	118
BED D	--	--	--	--	179
BED E	--	--	--	--	238
BED F	--	--	--	--	306
BED G	--	--	--	--	301
BED H	--	--	--	--	235
BED I	--	--	--	--	145
BED J	--	--	--	--	75
BED K	--	--	--	--	18
BED 1	--	149	--	223	--
BED 2	--	589	--	884	--
BED 3	--	94	--	141	--
TOTALS	**26**	**832**	**1**	**1,248**	**1,721**

PERENNIAL PLANTING ITEMS - CG, 1 GAL

LOCATION	SPV.0060.0001 PERENNIALS ALLIUM SUMMER BEAUTY' CG, 1 GAL EACH	SPV.0060.0002 PERENNIALS CONEFLOWER PURPLE MAGNUS' CG, 1 GAL EACH	SPV.0060.0003 PERENNIALS DAYLILY SUMMER WINE' CG, 1 GAL EACH	SPV.0060.0004 PERENNIALS LITTLE BLUESTEM THE BLUES' CG, 1 GAL EACH	SPV.0060.0005 PERENNIALS PRAIRIE DROPSEED CG, 1 GAL EACH	SPV.0060.0006 PERENNIALS RUSSIAN SAGE LITTLE SPIRE' CG, 1 GAL EACH	SPV.0060.0007 PERENNIALS SALVIA CARADONNA' CG, 1 GAL EACH	SPV.0060.0008 PERENNIALS YARROW SNOW SPORT' CG, 1 GAL EACH
CAT 0010								
BED 1	23	23	--	112	31	12	25	13
BED 2	23	51	118	292	24	24	44	27
BED 3	15	18	--	34	14	6	15	13
TOTALS	**61**	**92**	**118**	**438**	**69**	**42**	**84**	**53**

3

PERENNIAL PLANTING ITEMS-POT, 4-INCH

LOCATION	SPV.0060.0009 PERENNIALS ALUMROOT PRAIRIE POT, 4 INCH EACH	SPV.0060.0010 PERENNIALS ASTER SMOOTH POT, 4 INCH EACH	SPV.0060.0011 PERENNIALS BAPTISIA PRAIRIE POT, 4 INCH EACH	SPV.0060.0012 PERENNIALS BERGAMONT WILD POT, 4 INCH EACH	SPV.0060.0013 PERENNIALS BLACK-EYED SUSAN POT, 4 INCH EACH	SPV.0060.0014 PERENNIALS BLAZING STAR BUTTON POT, 4 INCH EACH	SPV.0060.0015 PERENNIALS BUTTERFLY WEED POT, 4 INCH EACH	SPV.0060.0016 PERENNIALS CONEFLOWER PALE PURPLE POT, 4 INCH EACH	SPV.0060.0017 PERENNIALS CONEFLOWER YELLOW POT, 4 INCH EACH	SPV.0060.0018 PERENNIALS GERANIUM WILD POT, 4 INCH EACH
CAT 0010										
BED A	12	12	12	12	12	12	12	12	12	12
BED B	52	52	52	52	52	52	52	52	52	52
BED C	71	71	71	71	71	71	71	71	71	71
BED D	108	108	108	108	108	108	108	108	108	108
BED E	144	144	144	144	144	144	144	144	144	144
BED F	184	184	184	184	184	184	184	184	184	184
BED G	182	182	182	182	182	182	182	182	182	182
BED H	142	142	142	142	142	142	142	142	142	142
BED I	87	87	87	87	87	87	87	87	87	87
BED J	45	45	45	45	45	45	45	45	45	45
BED K	11	11	11	11	11	11	11	11	11	11
TOTALS	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**

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PERENNIAL PLANTING ITEMS-POT, 4-INCH (CONT.)

LOCATION	SPV.0060.0019 PERENNIALS GOLDEN ALEXANDE FALSE POT, 4 INCH EACH	SPV.0060.0020 PERENNIALS GOLDENROD SHOWY POT, 4 INCH EACH	SPV.0060.0021 PERENNIALS INDIGO FALSE POT, 4 INCH EACH	SPV.0060.0022 PERENNIALS NODDING ONION POT, 4 INCH EACH	SPV.0060.0023 PERENNIALS PRAIRIE CLOVER PURPLE POT, 4 INCH EACH	SPV.0060.0024 PERENNIALS PRAIRIE CLOVER WHITE POT, 4 INCH EACH	SPV.0060.0025 PERENNIALS PRAIRIE DROPSEED POT, 4 INCH EACH	SPV.0060.0026 PERENNIALS RATTLESNAKE MASTER POT, 4 INCH EACH	SPV.0060.0027 PERENNIALS SPIDERWORT OHIO POT, 4 INCH EACH	SPV.0060.0028 PERENNIALS SUNFLOWER WESTERN POT, 4 INCH EACH
CAT 0010										
BED A	12	12	12	12	12	12	12	5	12	5
BED B	52	52	52	52	52	52	52	26	52	26
BED C	71	71	71	71	71	71	71	36	71	36
BED D	108	108	108	108	108	108	108	54	108	54
BED E	144	144	144	144	144	144	144	72	144	72
BED F	184	184	184	184	184	184	184	92	184	92
BED G	182	182	182	182	182	182	182	91	182	91
BED H	142	142	142	142	142	142	142	71	142	71
BED I	87	87	87	87	87	87	87	44	87	44
BED J	45	45	45	45	45	45	45	23	45	23
BED K	11	11	11	11	11	11	11	4	11	4
TOTALS	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**1,038**	**518**	**1,038**	**518**

N

0 50 100

SCALE IN FEET

SKIPPER REAL ESTATE HOLDINGS, INC.

LAKE BUTTE DES MORTS
SOUTH CHANNEL

W.E.
745.3

R/W

EDGE OF WATER

R/L RAMP '21'-B

R/L USH 41 SB

570'0MB'
570'S0A'
RAMP '21'-B
572'0MB'
572'S0A'
574'0MB'
574'S0A'
576'S0A'
USH 41 SB
578'S0A'
580'S0A'
582'S0A'
584'S0A'

570'N0A'
WPS
572'N0A'
574'N0A'
576'N0A'
578'N0A'
580'N0A'
582'N0A'
584'N0A'

570'0MC'
RAMP '21'-C
572'0MC'
574'0MC'
USH 41 NB

SHARED USE PATH

R/L RAMP '21'-C

CAUTION

STA 571'N0A'+27.10
70.81' RT

OVERLOOK #13

R/L USH 41 NB

STA 574'N0A'+01.26
64.23' RT

OVERLOOK # 1

STA 577'N0A'+00.00
63.40' RT

OVERLOOK # 2

ATC

PLANTING BED A

PLANTING BED B

STA 581'S0A'+09.97
74.15' LT

STA 583'S0A'+08.80
82.56' LT

STA 583'S0A'+43.12
84.12' LT

STA 581'S0A'+10.21
68.50' LT

STA 583'S0A'+09.32
68.51' LT

STA 583'S0A'43.63
68.56' LT

STA 584'N0A'+00.00
64.00' RT

OVERLOOK # 3

WPS

ATC

MATCH LINE STA 585'N0A'+00

LAKE BUTTE DES MORTS
SOUTH CHANNEL

5

5

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - USH 41	SHEET 87	E

FILE NAME : ch_1189_050101_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 44

LAKE BUTTE DES MORTS

N

0 50 100

SCALE IN FEET

STA 585'SOA'+63.15
69.50' LT

STA 585'SOA'+97.01
92.07' LT

STA 585'SOA'+62.68
91.05' LT

PLANTING BED B

PLANTING BED C

STA 588'SOA'+16.21
98.58' LT

R/W

PLANTING BED D

STA 588'SOA'+50.54
99.80' LT

STA 590'SOA'+94.72
108.80' LT

PLANTING BED E

EDGE OF WATER

STA 591'SOA'+29.07
110.14' LT

STA 593'SOA'+73.53
121.27' LT

PLANTING BED F

STA 594+'SOA'+07.93
122.57' LT

STA 596'SOA'+52.62
134.01' LT

PLANTING BED G

STA 596'SOA'+88.56
135.44' LT

R/L USH 41 SB

STA 585'SOA'+97.41
69.50' LT

STA 588'SOA'+17.06
69.50' LT

STA 588'SOA'+51.32
69.50' LT

STA 590'SOA'+96.42
69.42' LT

STA 591'SOA'+30.68
69.50' LT

STA 593'SOA'+75.75
69.50' LT

STA 594'SOA'+10.02
69.50' LT

STA 596'SOA'+55.00
69.50' LT

STA 596'SOA'+89.26
69.78' LT

586'SOA'

588'SOA'

590'SOA'

592'SOA'

USH 41 SB

594'SOA'

596'SOA'

598'SOA'

586'NOA'

588'NOA'

590'NOA'

592'NOA'

594'NOA'

596'NOA'

598'

USH 41 NB

MATCH LINE STA 585'NOA'+00

MATCH LINE STA 598'NOA'+00

10'FPS'

SHARED USE PATH

12'FPS'

14'FPS'

16'FPS'

18'FPS'

CAUTION

CAUTION

R/L USH 41 NB

WPS

STA 587'NOA'+00.01
64.60' RT

OVERLOOK # 4

ATC

STA 589'NOA'+01.35, 69.41' RT
BEGIN RAILING 54-INCH

STA 589'NOA'+00.85, 85.19' RT

STA 589'NOA'+29, 70' RT
BEGIN RAILING 54-INCH

STA 10'FPS'+00.00, 8' RT

STA 10'FPS'+57.52, 8' RT
END RAILING 54-INCH

RAILING 54-INCH
2' OFFSET
FROM SHARED USE PATH
SEE CONSTRUCTION DETAIL

WPS

R/L SOUTH
FISHING PATH

ATC

R/W

LAKE BUTTE DES MORTS

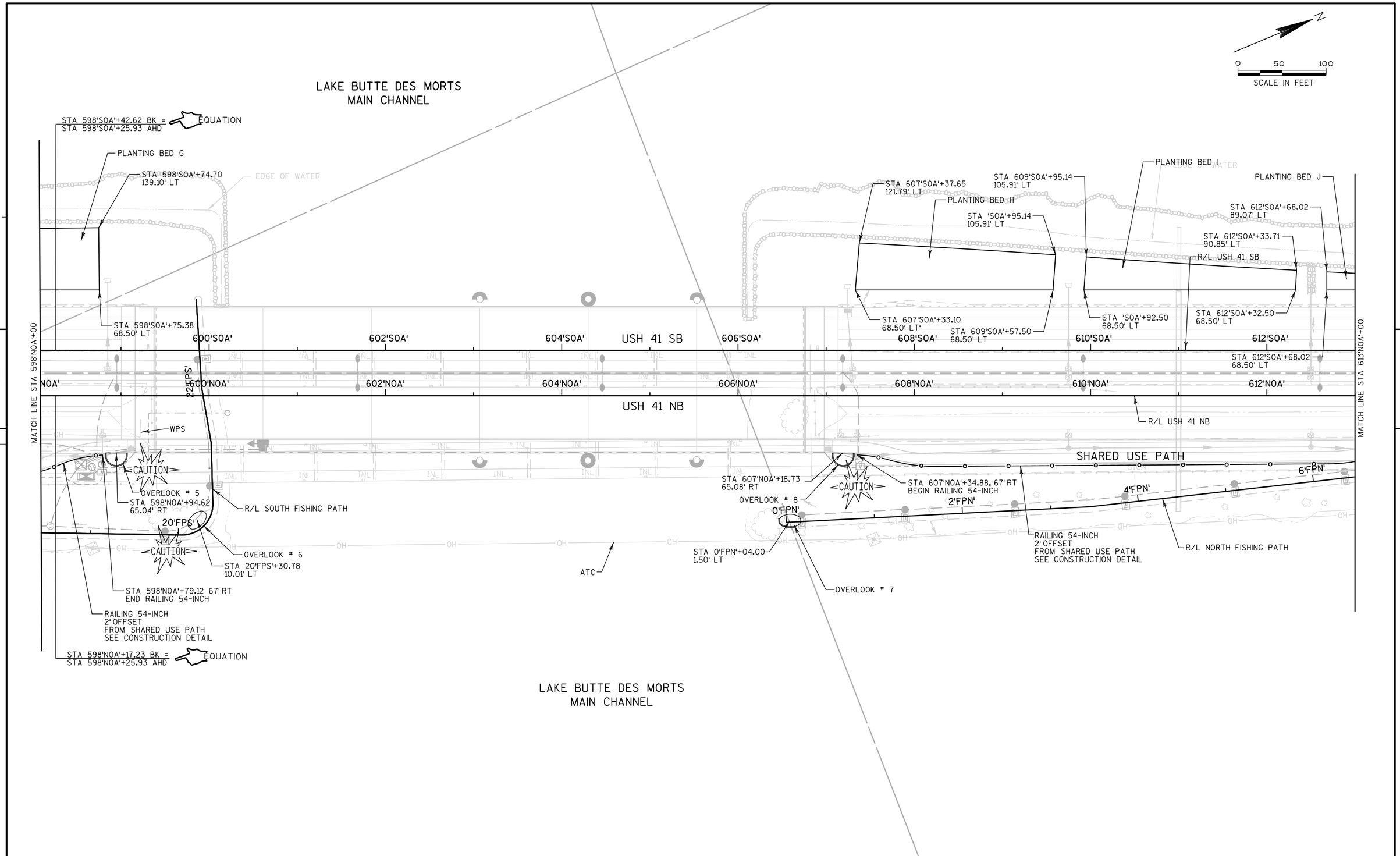
5

5

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - USH 41	SHEET 88	E

FILE NAME : ch_1189_050102_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 44



PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - USH 41	SHEET 89	E

LAKE BUTTE DES MORTS
MAIN CHANNEL

N

0 50 100
SCALE IN FEET

PLANTING BED J

PLANTING BED K

EDGE OF WATER

STA 615'SOA'+08.41
79.28' LT

STA 615'SOA'+42.69
78.27' LT

STA 617'SOA'+82.68
74.17' LT

R/L USH 41 SB

STA 615'SOA'+08.09
68.50' LT

STA 615'SOA'+42.58
68.50' LT

STA 617'SOA'+82.69
68.50' LT

R/W

MATCH LINE STA 613'NOA+00

614'SOA' 616'SOA' 618'SOA' 620'SOA' 622'SOA' 624'SOA' 626'SOA' 628'

614'NOA' 616'NOA' 618'NOA' 620'NOA' 622'NOA' 624'NOA' 626'NOA' 628'

MATCH LINE STA 628'NOA+00

USH 41 SB

USH 41 NB

SHARED USE PATH

8'FPN'

STA 615'NOA'+27.00, 66.00' RT
BEGIN RAILING 54-INCH

STA 615'NOA'+27.00, 77.50' RT

STA 7'FPN'+86.36, 8.00' RT
BEGIN RAILING 54-INCH

STA 615'NOA'+00, 66' RT
END RAILING 54-INCH

STA 8'FPN'+47.97, 8.00' RT

RAILING 54-INCH
2' OFFSET
FROM SHARED USE PATH
SEE CONSTRUCTION DETAIL

WPS

CAUTION

OVERLOOK # 9

STA 617'NOA'50.00
64.00' RT

R/L USH 41 NB

ATC

STA 626'NOA'+00.00
64.00' RT

CAUTION

OVERLOOK # 10

R/W

LAKE BUTTE DES MORTS
MAIN CHANNEL

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - USH 41	SHEET 90	E

FILE NAME : ch_1189_050104_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 44

N

0 50 100
SCALE IN FEET

LAKE BUTTE DES MORTS
MAIN CHANNEL

EDGE OF WATER

R/W

MATCH LINE STA 628'NOA'+00

630'SOA' 632'SOA' 634'SOA' 636'SOA' 638'SOA' 640'SOA' 642'SOA'

630'NOA' 632'NOA' 634'NOA' 636'NOA' 638'NOA' 640'NOA' 642'NOA'

R/L USH 41 SB

ANR

R/L USH 41 NB

CAUTION

OVERLOOK # 11

STA 629'NOA'+00.00
64.00' RT

R/W

CAUTION

STA 632'NOA'+63.00
75.35' RT

OVERLOOK # 12

END CONSTRUCTION
I.D.1120-11-89
STA 633'NOA'+39.74

ATC

WPS

ATC

ATC

KDL
ATC

ATC

WPS

ATT

ATT

WPS

LAKE BUTTE DES MORTS
MAIN CHANNEL

5

5

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - USH 41	SHEET 91	E

FILE NAME : ch_1189_050105_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 44

N

0 20 40

SCALE IN FEET

5

5

TOWN OF ALGOMA

TIME WARNER

WPS

TOWN OF ALGOMA

ATT

TIME WARNER

PLANTING BED 1

101'WAS'

R/L WASHBURN ST

N. WASHBURN ST

WPS

WPS

WPS

TOWN OF ALGOMA

TIME WARNER

R/W

WPS

ATT

WPS

CITY OF OSHKOSH

R/W

99'WAS'

98'WAS'

12'WBR'

11'WBR'

WPS

TOWN OF ALGOMA

CITY OF OSHKOSH

WPS

13'WBR'

ATT

10'WBR'

111'OMW'

TIME WARNER

113'OMW'

WPS

113'OME'

STH 21

ATT

114'OMW'

114'OME'

115'

ATT

WPS

104'BRK'

OMRO ROAD

R/L BROOKS LANE

TOWN OF ALGOMA

CITY OF OSHKOSH

R/L STH 21 WB

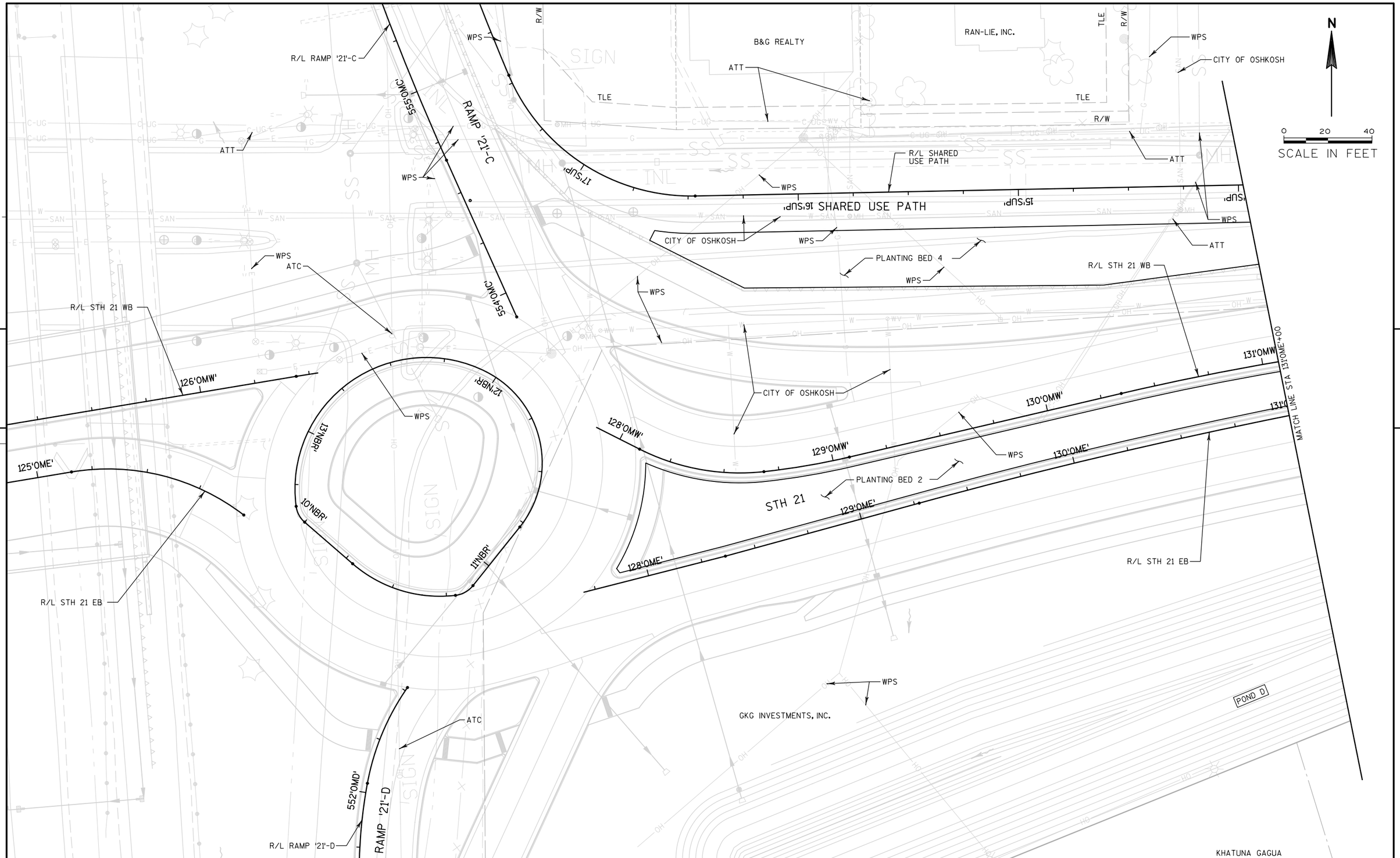
R/L STH 21 EB

WPS

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - N. WASHBURN ST	SHEET 92	E

FILE NAME : ch_1189_050106_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 44



5

5

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - STH 21	SHEET 93	E

FILE NAME : ch_1189_050107_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 44

TIME WARNER
ATT
RAN-LIE, INC.
MASTER LUBE, INC.
WPS
R/L N. KOELLER ST
TLE
R/W
107'KSN'
N. KOELLER STREET
JEFFREY G. & KRISTINE M. SCHMIEDEL
ROBERT T. SCHNEIDER & NORMAN D. MUELLER
106'KSN'
SIGN
SHARED USE PATH
13'SUP'
12'SUP'
11'SUP'
10'SUP'
PLANTING BED 4
CITY OF OSHKOSH
R/L STH 21 WB
TIME WARNER
CITY OF OSHKOSH
132'0MW'
133'0MW'
134'0MW'
134'0ME'
133'0ME'
132'0ME'
STH 21
PLANTING BED 2
R/L STH 21 EB
MATCH LINE STA 131'0ME'+00
12'0KR'
10'0KR'
11'0KR'
136'0ME'
137'0ME'
PLANTING BED 3
MATCH LINE STA 137'0ME'+00
R/L ALLEY ST
ALLEY ST
11'ALL'
12'ALL'
10'ALL'
0 20 40
SCALE IN FEET

PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - STH 21	SHEET 94	E

FILE NAME : ch_1189_050108_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 44

RAN-LIE, INC.

RAN-LIE, INC.

WALLACE W. & AUDREY R. WAGNER

WALLACE W. & AUDREY R. WAGNER

JASON S. CHAPMAN

OSHKOSH AVENUE, LLC

N

0 20 40

SCALE IN FEET

WPS

TLE

R/W

ATT

R/L STH 21 WB

TIME WARNER

CITY OF OSHKOSH

MATCH LINE STA 137'OME'+00

137'OMW'

137'OME'

PLANTING BED 3

STH 21

138'OMW'

138'OME'

139'OMW'

139'OME'

140'OMW'

140'OME'

141'OME'

142'OME

143'OM

STH 21 / OSHKOSH AVE

R/L STH 21 EB

ALLEY ST

JOHN A. GIANNOPOULOS

LYNETTE L. RADTKE

RUSSELL A. & SUE ELLEN KUKLINSKI

DAVID S. TOMAN

MARC A. & MARLEEN FACUNDO

MARY P. SEABUL

BARBARA E. HETZEL & JON SORENSON

5

5

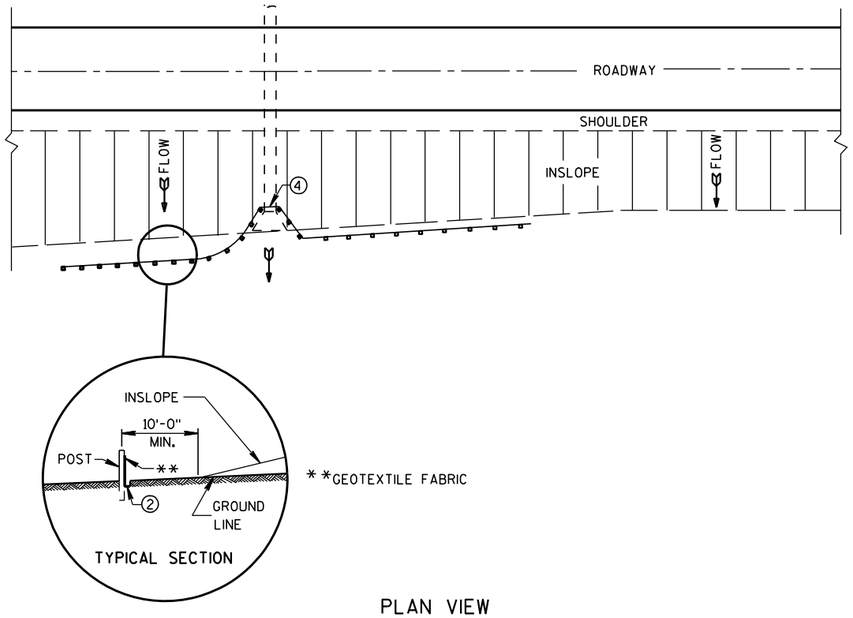
PROJECT NO: 1120-11-89	HWY: USH 41	COUNTY: WINNEBAGO	PLAN - STH 21	SHEET 95	E

FILE NAME : ch_1189_050109_pp.dgn PLOT DATE : 29-OCT-2012 PLOT BY : mmorgan PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 44

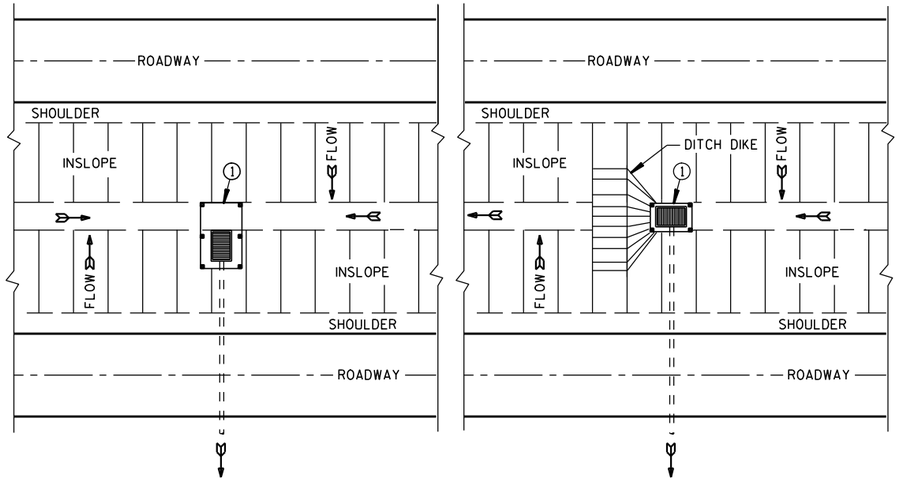
Standard Detail Drawing List

08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
09B02-07	CONDUIT
09C02-06	CONCRETE BASES, TYPES 1, 2 & 5
14A02-01	TREE PLANTING DETAIL
15D20-01	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-01	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D27-01	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH



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.

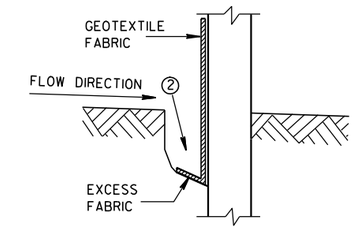
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

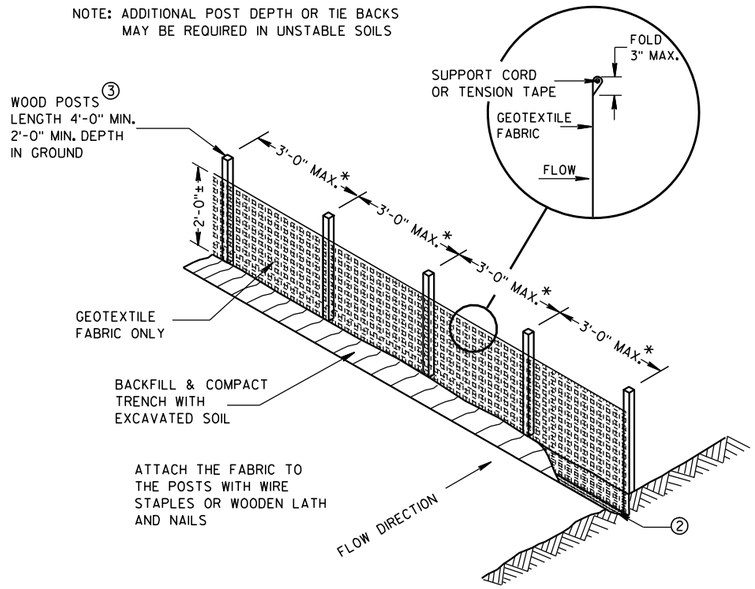
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

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.

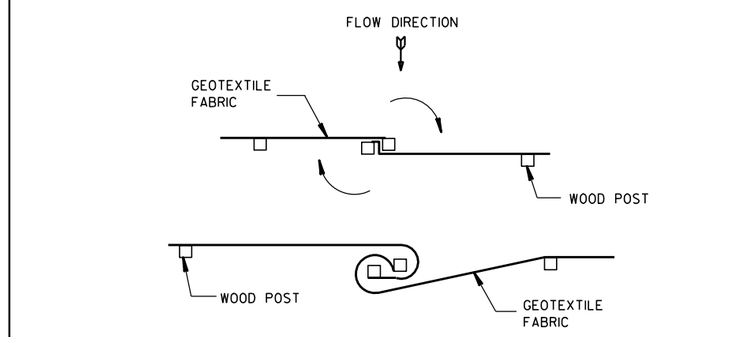


TRENCH DETAIL

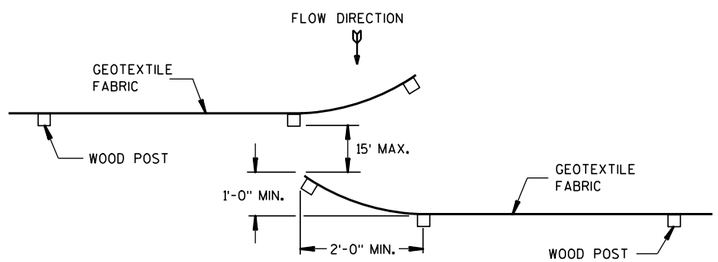


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

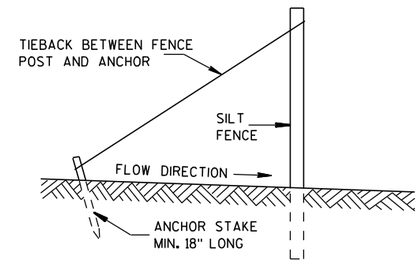


TWIST METHOD



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

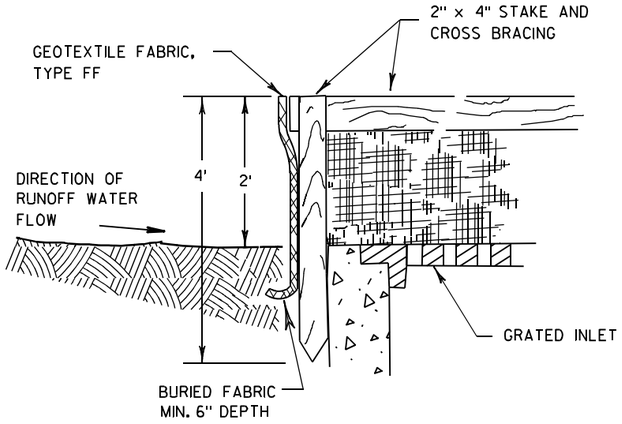
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

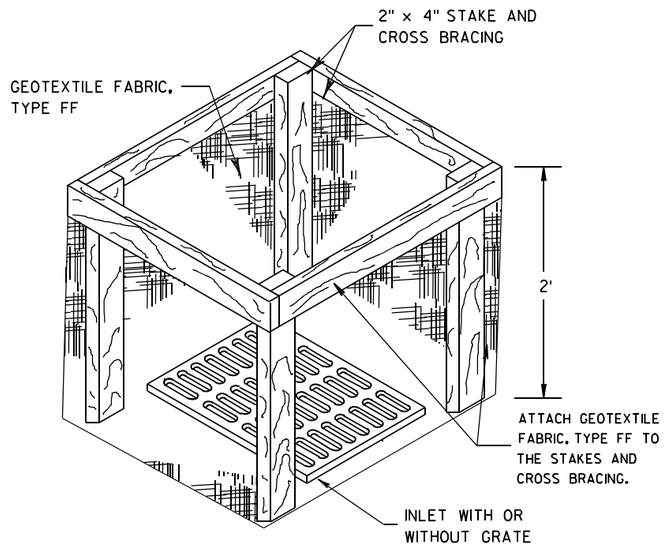
6

S.D.D. 8 E 9-6

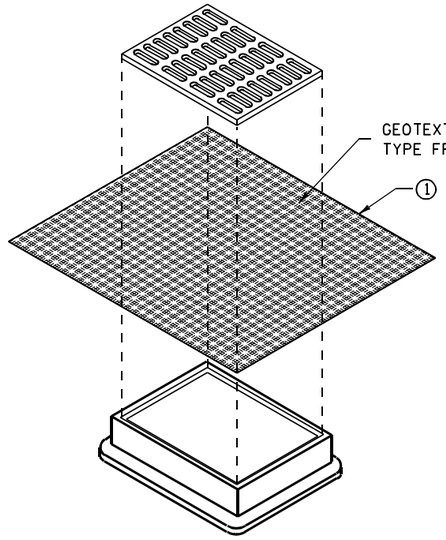
6

S.D.D. 8 E 9-6



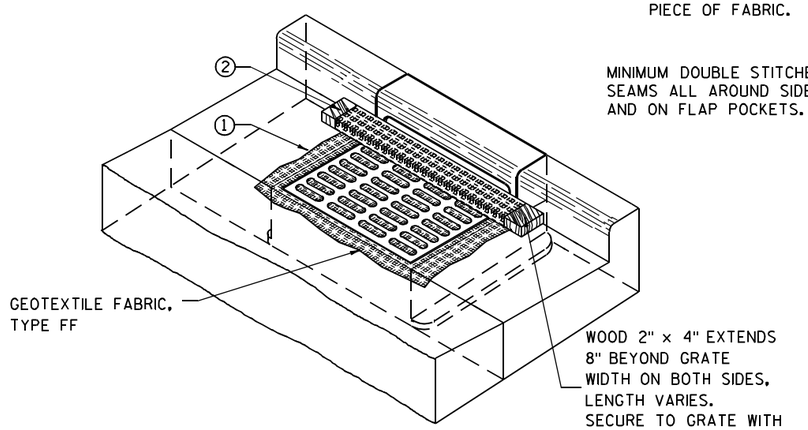


INLET PROTECTION, TYPE A

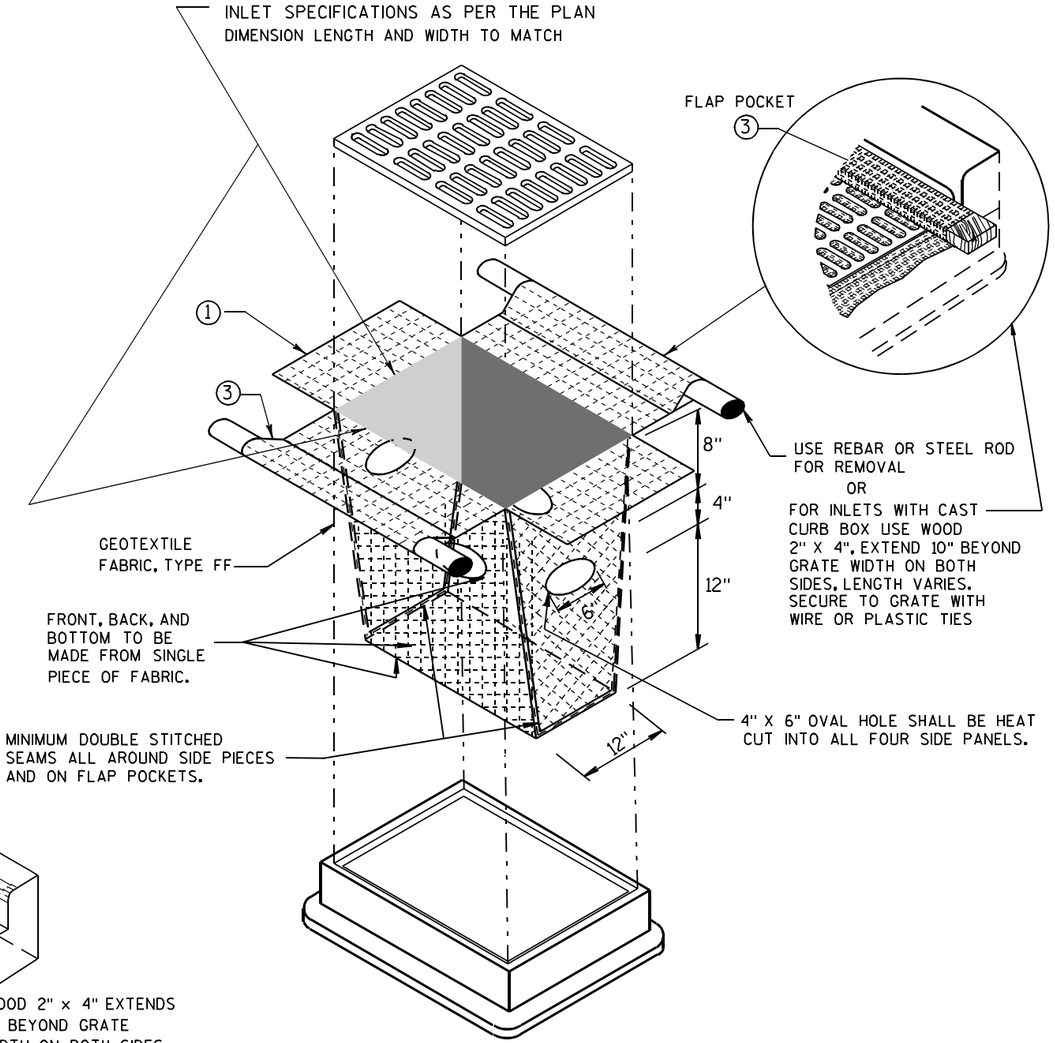


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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

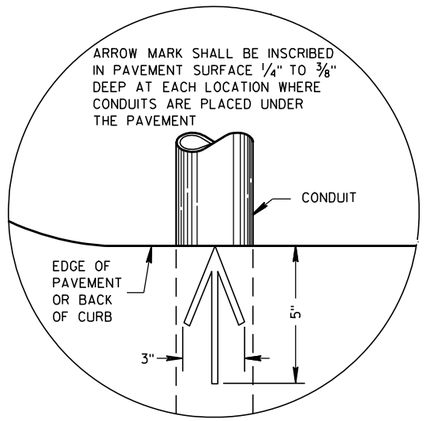
FHWA

6

S.D.D. 8 E 10-2

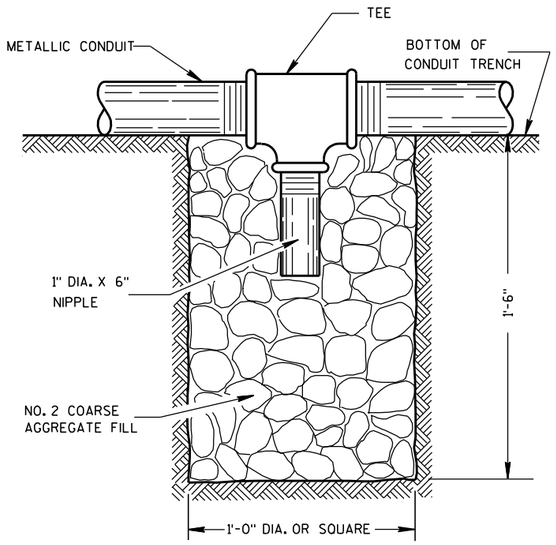
6

S.D.D. 8 E 10-2



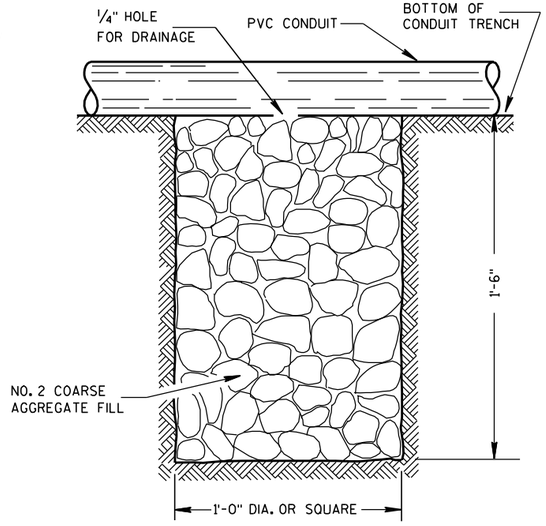
PLAN VIEW

ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

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.

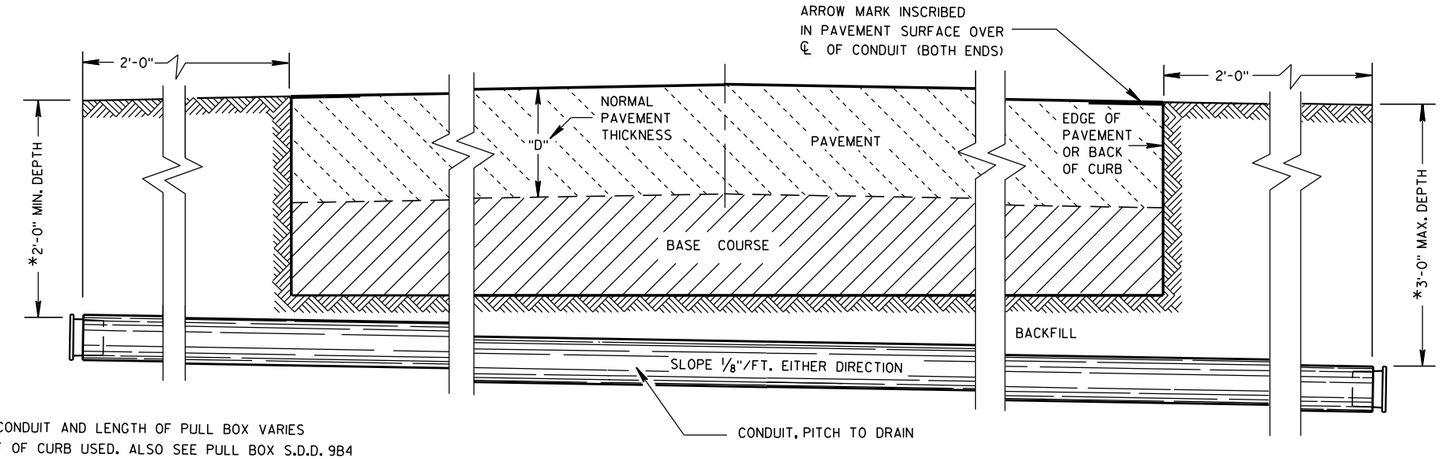
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

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.).

POLY ROPE OR A PULL 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.



*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

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/23/03 — DATE

/S/ Balu Aganthanarayanan — STATE ELECTRICAL ENGI — HWYS

FHWA

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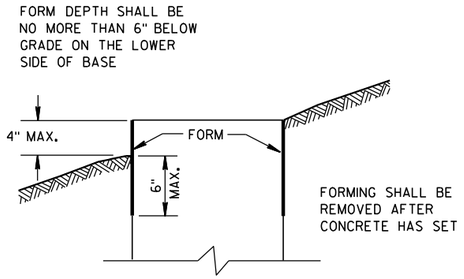
S.D.D. 9 B 2-7



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5
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 2 AND TYPE 5 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 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.

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.

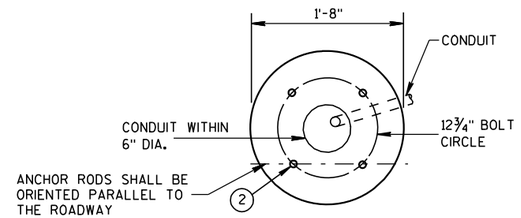
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

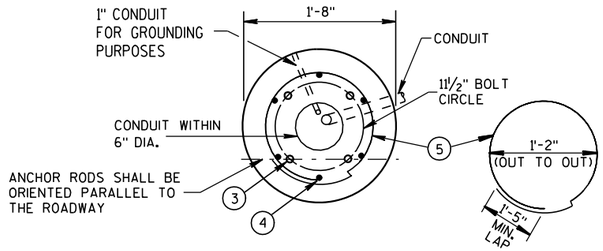
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

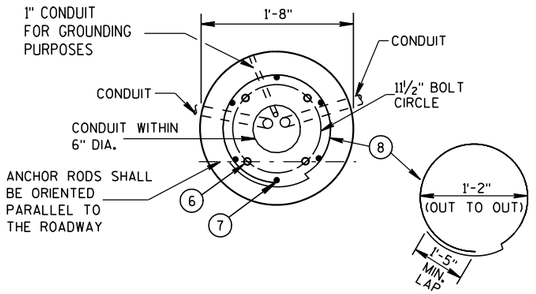
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

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

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



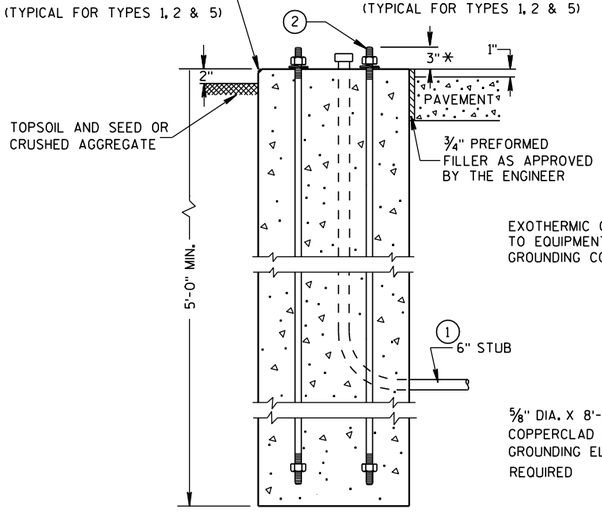




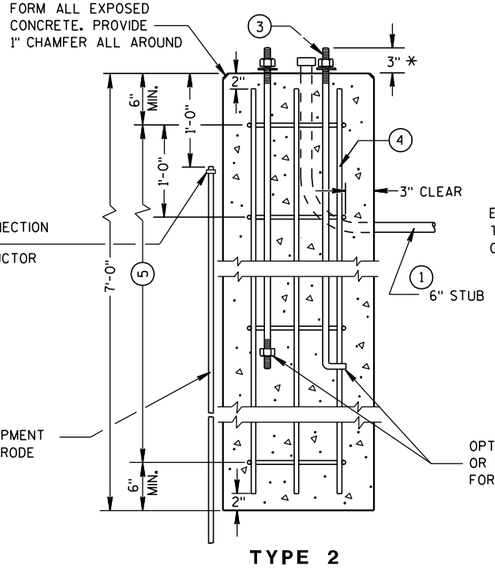
FORM ALL EXPOSED CONCRETE. PROVIDE 1" CHAMFER ALL AROUND

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2 & 5)

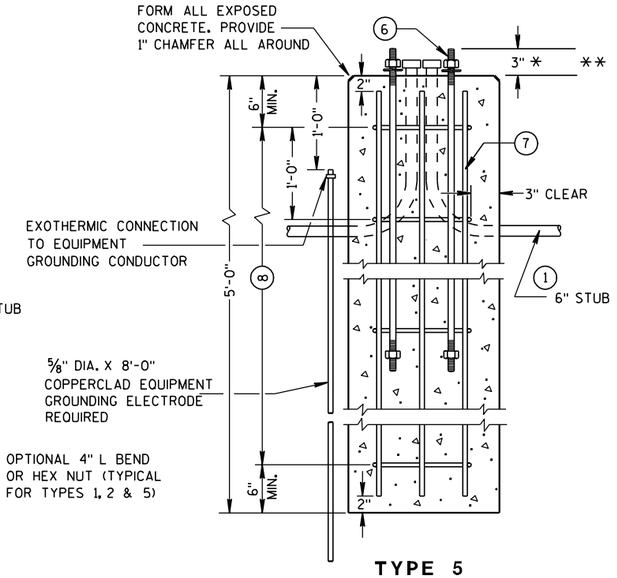
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2 & 5)



TYPE 1



TYPE 2



TYPE 5

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/3/10 — DATE
/S/ Joanna L. Rush — STATE ELECTRICAL ENGI
100 — HWYS
FHWA

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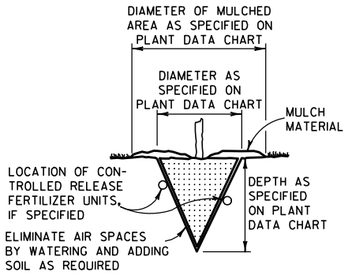
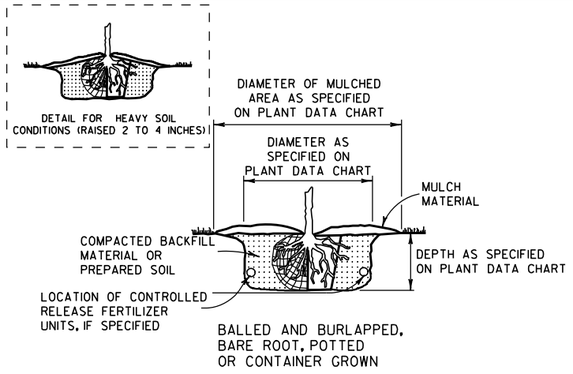
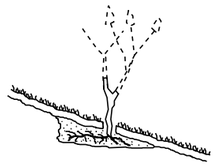


MACHINE MOVED

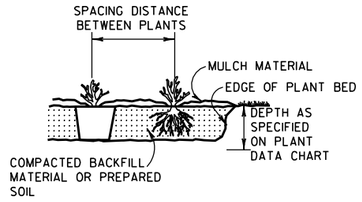


BALLED AND BURLAPPED, BARE ROOT, POTTED OR CONTAINER GROWN



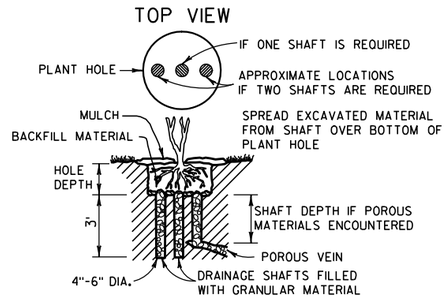
ACCOMMODATE ROOTS (SMOOTH AND STAGHORN SUMAC)

NOTE:
1) ENGINEER SHALL REQUIRE 3 SLITS IN POT TO SPEED DETERIORATION
2) METAL, PLASTIC OR OTHER NONDEGRADABLE POTS SHALL BE REMOVED PRIOR TO PLANTING



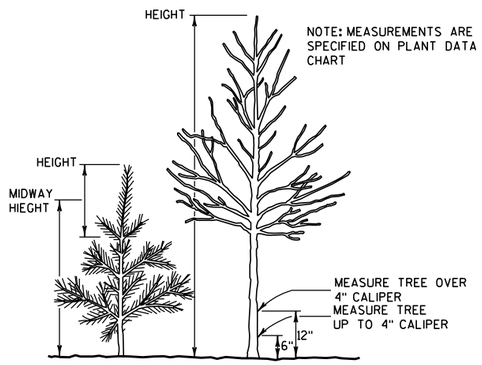
PREPARED BED (BARE ROOT AND POTTED)

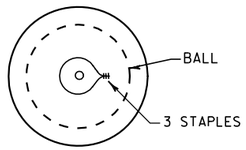
PLANTING



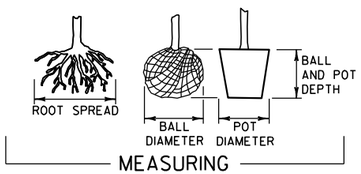
NOTE:
DRAINAGE SHAFT AS SPECIFIED ON PLANT DATA CHART

DRAINING

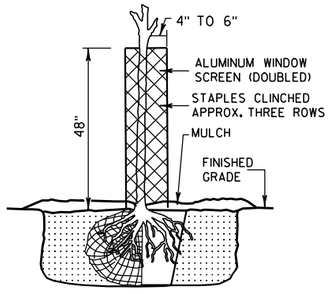




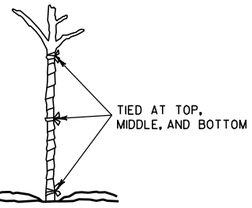
TOP VIEW



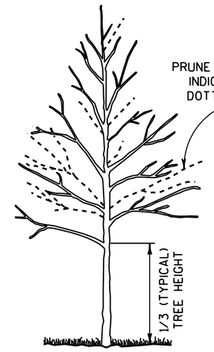
MEASURING



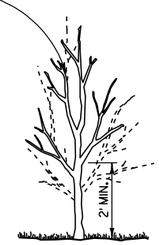
RODENT PROTECTION



WRAPPING



TALL DECIDUOUS TREES (ASH, MAPLE, LINDEN, OAK)



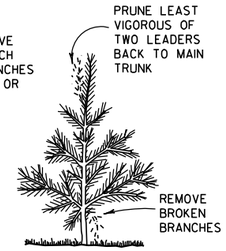
SINGLE STEMMED LOW DECIDUOUS TREES (CRABS AND OTHER SINGLE STEM TYPE)

MULTI-STEMMED LOW DECIDUOUS TREES OR LARGE SHRUBS (HAWTHORN, SERVICEBERRY)

NOTE: WHEN PRUNING, PRESERVE CHARACTER AND SHAPE OF TREE. AVOID LEAVING STUBS - REMOVE BRANCH OR TWIG BACK TO THE NEAREST CROTCH
1) PRUNE TO REMOVE DEAD AND BROKEN BRANCHES
2) PRUNE TO REMOVE BRANCHES THAT TOUCH OR ARE TOO CLOSE TO OTHER BRANCHES

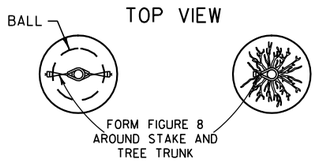
SHRUBS (GRAY DOGWOOD ARROWWOOD VIBURNUM)

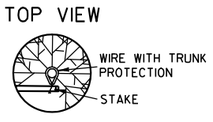
SUMAC

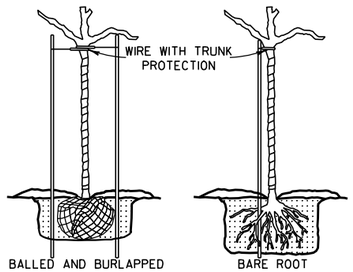


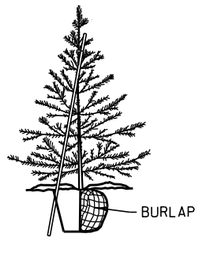
TREE TYPE EVERGREENS (PINE, SPRUCE, FIR) EVERGREENS USUALLY ARE NOT PRUNED

PRUNING



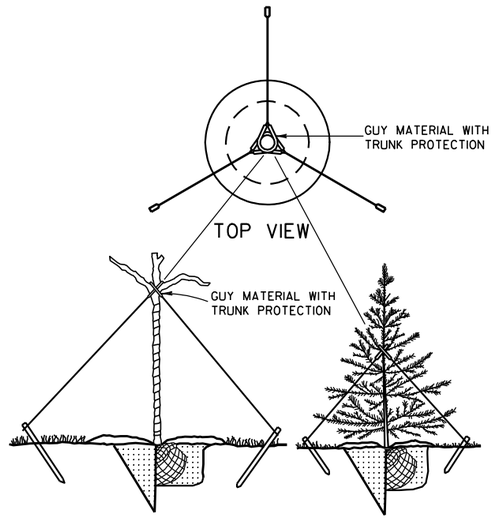






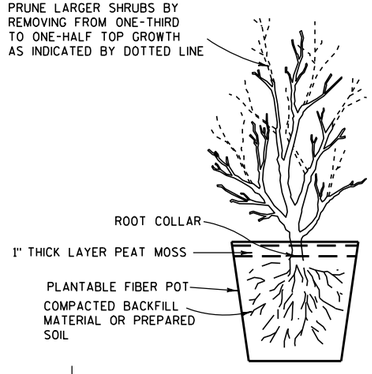
NOTE: BRACING STAKE
1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES.
2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT.
3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE; AND
4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE.

BRACING



GUYING

PRUNE LARGER SHRUBS BY REMOVING FROM ONE-THIRD TO ONE-HALF TOP GROWTH AS INDICATED BY DOTTED LINE



POTTING

NOTES

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

BRACING, WRAPPING, GUYING, RODENT PROTECTION, FERTILIZER AND MULCH SHALL BE USED ONLY WHEN SPECIFIED ON THE PLANT DATA CHART (PART OF PLAN) OR SPECIAL PROVISIONS.

TREE PLANTING DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/11/94
DATE

/S/ Rory L. Rhinesmith
CHIEF METHODS DEVELOPMENT ENGINEER

FHWA

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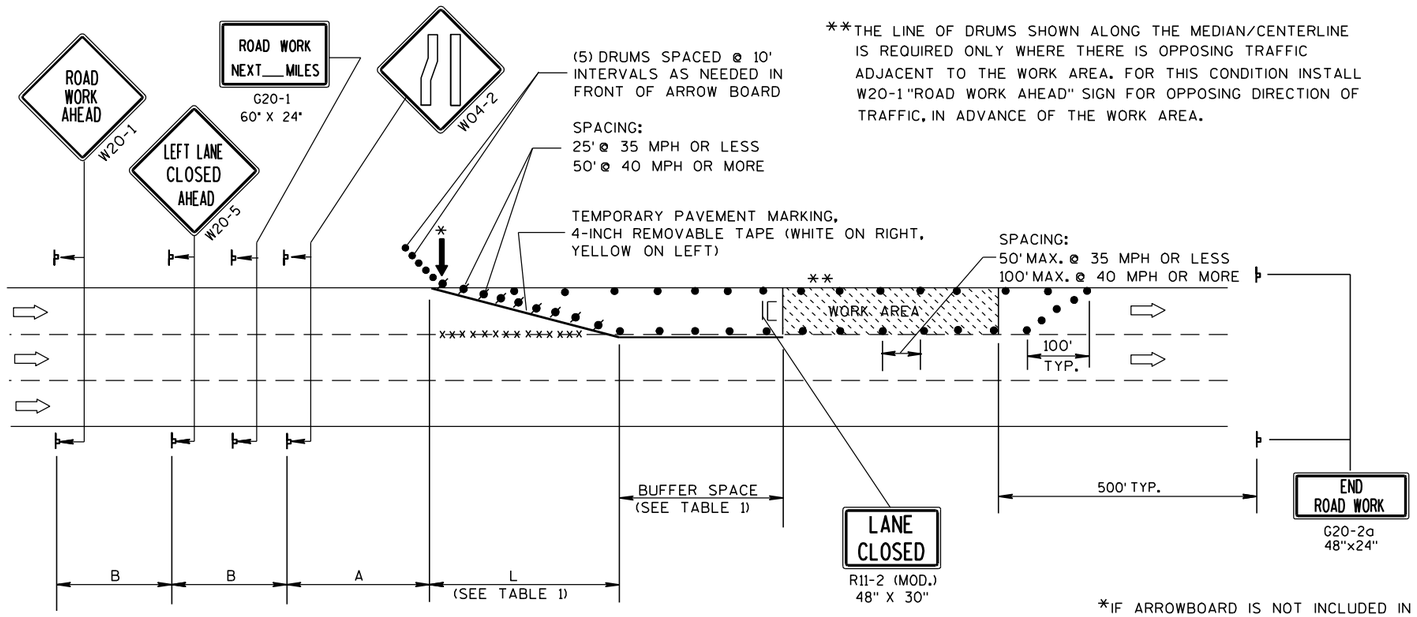
S.D.D. 14 A 2-1



**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"

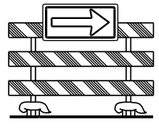


TABLE 1
TAPER AND BUFFER SPACE FOR 12' LANE WIDTH

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

- DRUM WITH/WITHOUT WARNING LIGHT, TYPE C (STEADY-BURN)
- POST MOUNTED SIGN
- ARROW BOARD
- TYPE III BARRICADE (8' EQUIVALENT) AND WARNING LIGHTS, TYPE A (FLASHING) WITH/WITHOUT SIGN
- DIRECTION OF TRAFFIC FLOW
- xxxx REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

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 7 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1, 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.

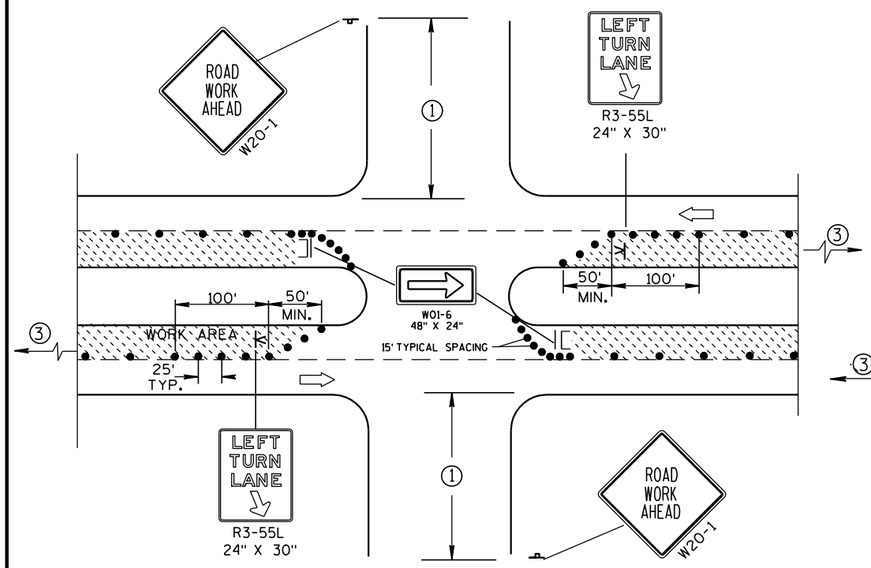
TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/23/00 DATE
/S/ Chester J. [illegible]
CHIEF SIGNS AND MARKINGS ENGINEER
FHWA

6

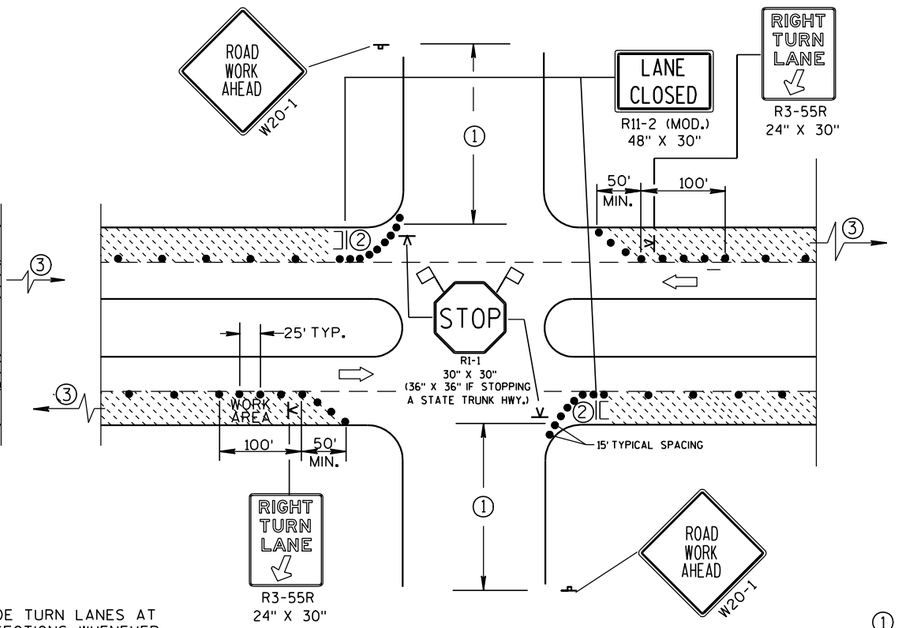
S.D.D. 15 D 20-1



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"×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.

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.

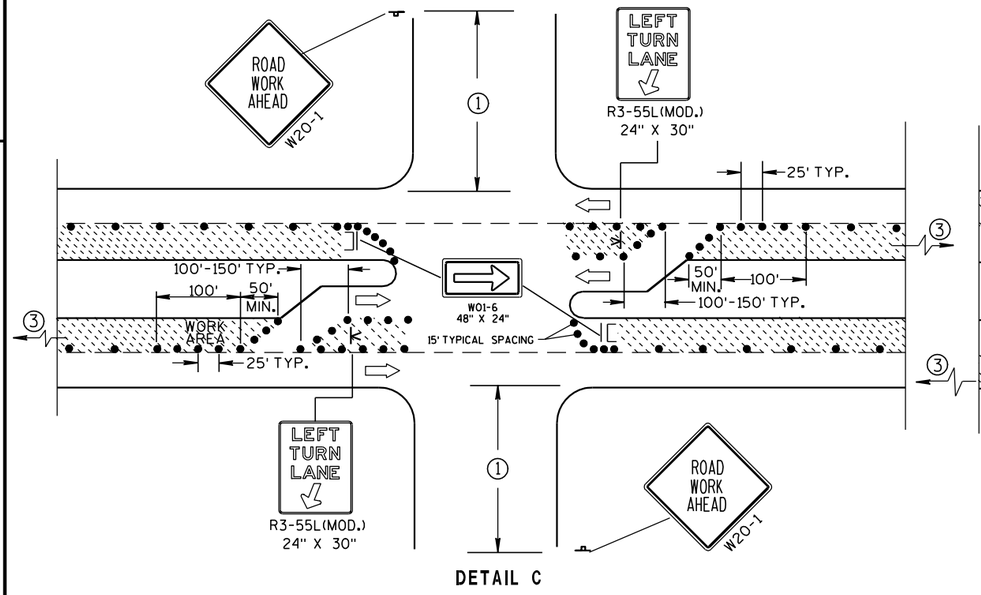
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

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.

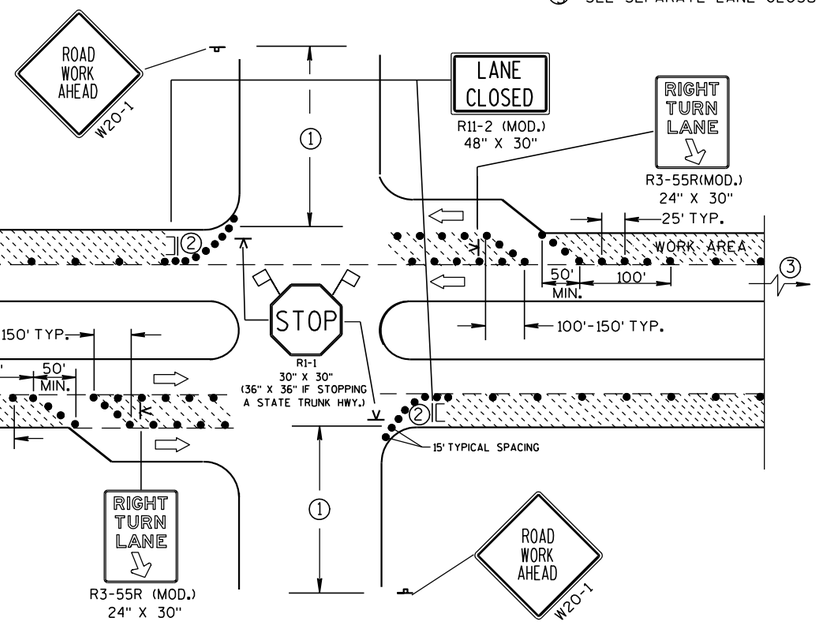
② ALSO USE BARRICADE AND 15' TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.

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

- DRUM
- POST MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT (5' MIN. MOUNTING HEIGHT)
- TYPE III BARRICADE (8' EQUIVALENT) AND WARNING LIGHT, TYPE A (FLASHING) WITH SIGN
- DIRECTION OF TRAFFIC FLOW
- FLAGS, 16" X 16" MIN., ORANGE

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/23/00 DATE
/S/ Chester J. Spang
CHIEF SIGNS AND MARKING ENGINEER
FHWA

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S.D.D. 15 D 21-1
S.D.D. 15 D 21-1

SYMBOLS

- TRAFFIC CONTROL DRUM
- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD IN CAUTION MODE

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

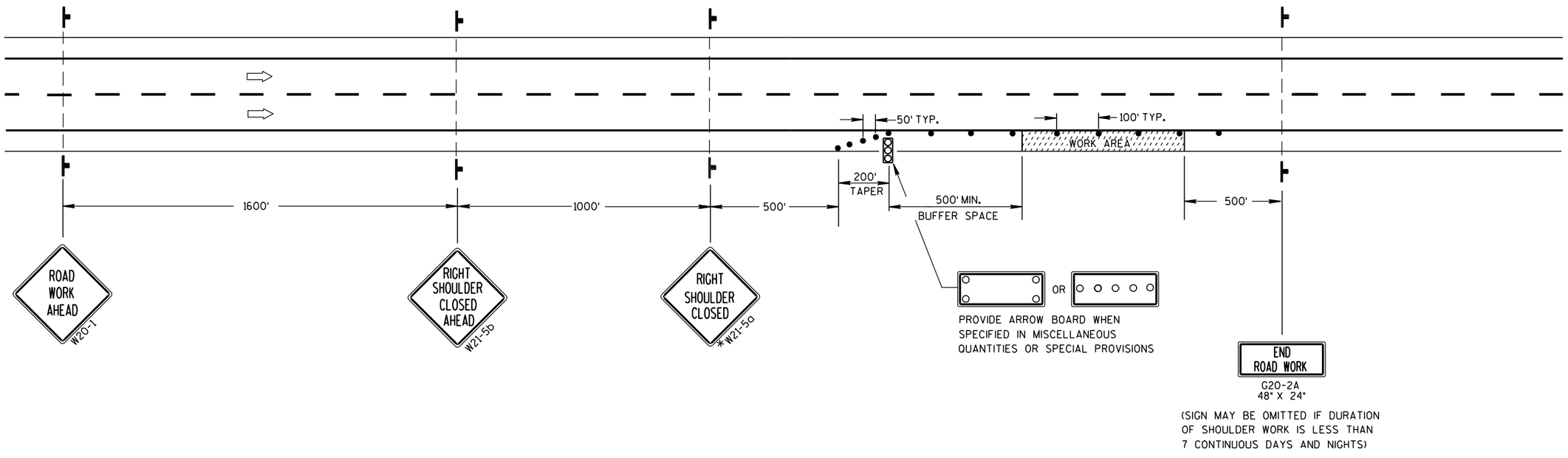
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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 THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A 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.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/23/00
DATE

/S/ Chester J Spann
CHIEF SIGNS AND MARKING ENGINEER
FHWA

6

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Notes

Wisconsin Department of Transportation

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