

2

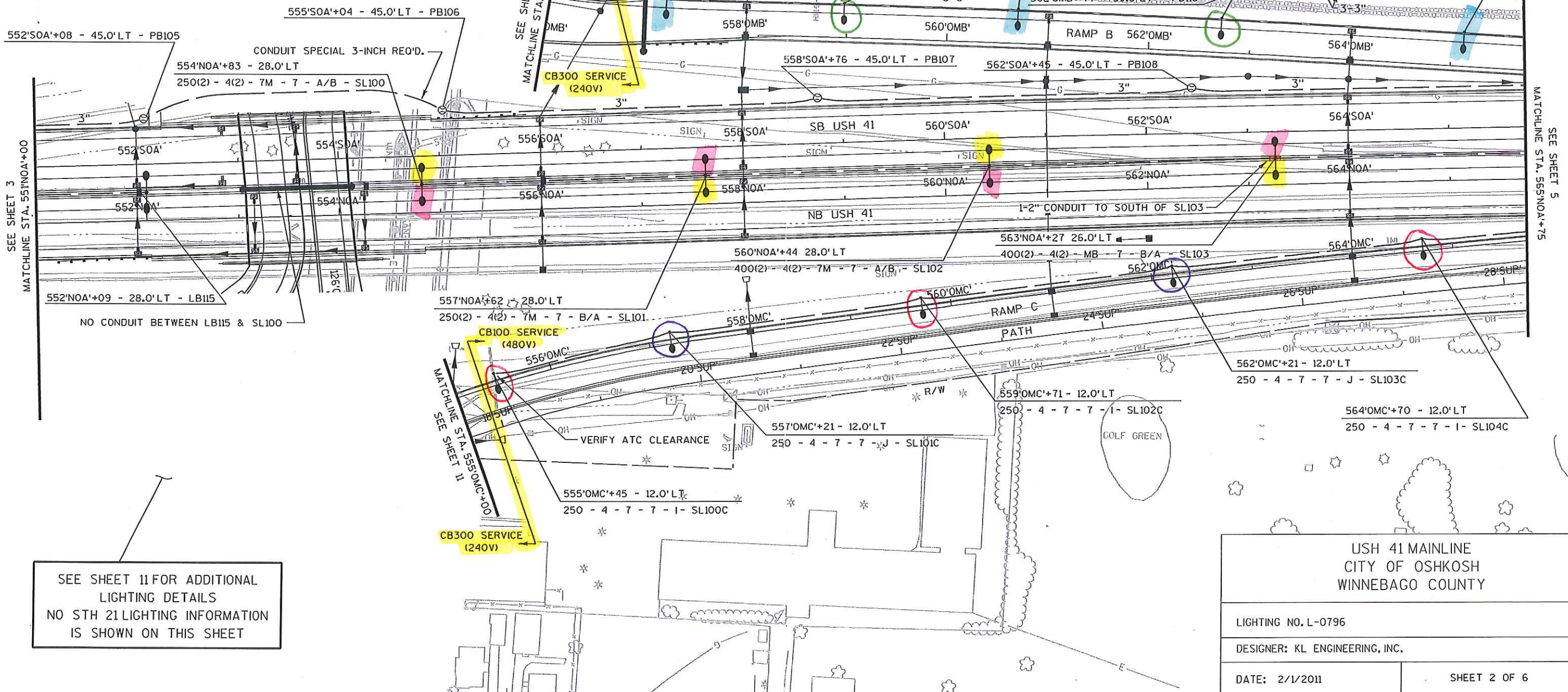
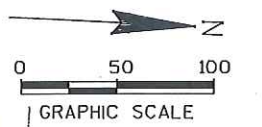
2

- Circuit "A" 5 LUMINAIRE
- "B" 5
- "C" 17
- "D" 17
- SERVICE FEED "E" 19 LED
- FOR CB102
- "G" 4
- "H" 3
- "I" 3
- "J" 3
- "K" 2
- "L" 1

SEE ABRAHAM LANE LIGHTING CABINET SERVICE
INSTALLATION DETAIL FOR ADDITIONAL INFORMATION.
CONCRETE CABINET BASES & PULLBOXES SHALL BE
FIELD LOCATED.

SEE WALL R-70-13 PLANS FOR
ADDITIONAL ELECTRICAL DETAILS

NO
CIRCUIT
"F"



SEE SHEET 11 FOR ADDITIONAL
LIGHTING DETAILS
NO STH 21 LIGHTING INFORMATION
IS SHOWN ON THIS SHEET

USH 41 MAINLINE CITY OF OSHKOSH WINNEBAGO COUNTY	
LIGHTING NO. L-0796	
DESIGNER: KL ENGINEERING, INC.	
DATE: 2/1/2011	SHEET 2 OF 6

SEE ABRAHAM LANE LIGHTING CABINET SERVICE
INSTALLATION DETAIL FOR ADDITIONAL INFORMATION.
CONCRETE CABINET BASES & PULLBOXES SHALL BE
FIELD LOCATED.

SEE WALL R-70-13 PLANS FOR
ADDITIONAL ELECTRICAL DETAILS

557'OMB'+24 - 42.5'LT
150 - 12 - STR - 5 - G - SL100B

CB101 SERVICE
(480V)

SEE SHEET 11
MATCHLINE STA. 556'OMB'+00

3-3" Conduit run at
8' O/S to B.O.C

551'SOA'+88, 45'LT

552'SOA'+08 - 45.0'LT - PB105

555'SOA'+04 - 45.0'LT - PB106

CONDUIT SPECIAL 3-INCH REQ'D.

554'NOA'+83 - 28.0'LT

250(2) - 4(2) - 7M - 7 - A/B - SL100

SEE SHEET 3
MATCHLINE STA. 551'NOA'+00

552'SOA'

554'SOA'

556'SOA'

558'SOA'

560'SOA'

562'SOA'

564'SOA'

552'NOA'

554'NOA'

556'NOA'

558'NOA'

560'NOA'

562'NOA'

564'NOA'

552'NOA'+09 - 28.0'LT - LB115

NO CONDUIT BETWEEN LB115 & SL100

557'NOA'+62 - 28.0'LT

250(2) - 4(2) - 7M - 7 - B/A - SL101

CB100 SERVICE
(480V)

556'OMC'

558'OMC'

560'OMC'

562'OMC'

564'OMC'

557'OMC'+21 - 12.0'LT

250 - 4 - 7 - 7 - J - SL101C

555'OMC'+45 - 12.0'LT

250 - 4 - 7 - 7 - I - SL100C

CB300 SERVICE
(240V)

556'OMC'

558'OMC'

560'OMC'

562'OMC'

564'OMC'

SEE SHEET 11 FOR ADDITIONAL
LIGHTING DETAILS
NO STH 21 LIGHTING INFORMATION
IS SHOWN ON THIS SHEET

COUNTY: WINNEBAGO

LIGHTING - USH 41, RAMP B & RAMP C

SHEET 263

PROJECT NO: 1120-11-75

HWY: USH 41

FILE NAME : G:\WDOTNE\WNE30-0739\WINNEBAGO COUNTY - 01\1120-11-75 (USH 41 CENTRAL)\DGN\PLAN SHEETS\023504.LP.dgn

PLOT DATE : 4/4/2011

PLOT BY : KL Engineering

PLOT NAME :

PLOT SCALE :

WISDOT/CADD5 SHEET 42

USH 41 MAINLINE
CITY OF OSHKOSH
WINNEBAGO COUNTY

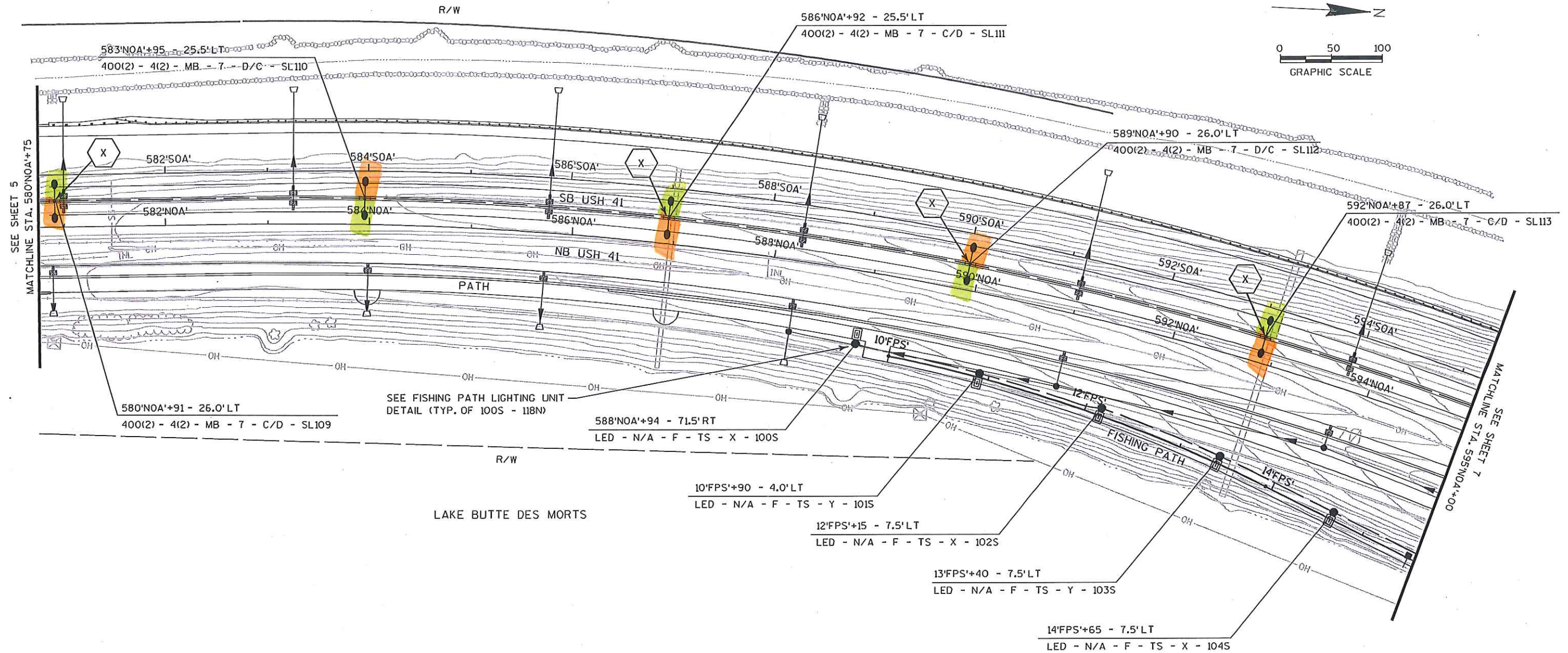
LIGHTING NO. L-0796

DESIGNER: KL ENGINEERING, INC.

DATE: 2/1/2011

SHEET 2 OF 6

E



X SEE CONCRETE BASE MEDIAN BARRIER DETAIL.
VERTICAL GRADE SEPARATION ON BARRIER FACES.

USH 41 MAINLINE
CITY OF OSHKOSH
WINNEBAGO COUNTY

LIGHTING NO. L-0796

DESIGNER: KL ENGINEERING, INC.

DATE: 2/1/2011

SHEET 4 OF 6

PROJECT NO: 1120-11-75

HWY: USH 41

COUNTY: WINNEBAGO

LIGHTING - USH 41 & FISHING PATH

SHEET 267 E

FILE NAME : g:\wdotne\wne30-0739\winnebago county - 01\1120-11-75 (USH 41 CENTRAL)\DGN\PLAN SHEETS\023506_LP.dgn

PLOT DATE : 1/27/2011

PLOT BY : KL Engineering

PLOT NAME :

PLOT SCALE :

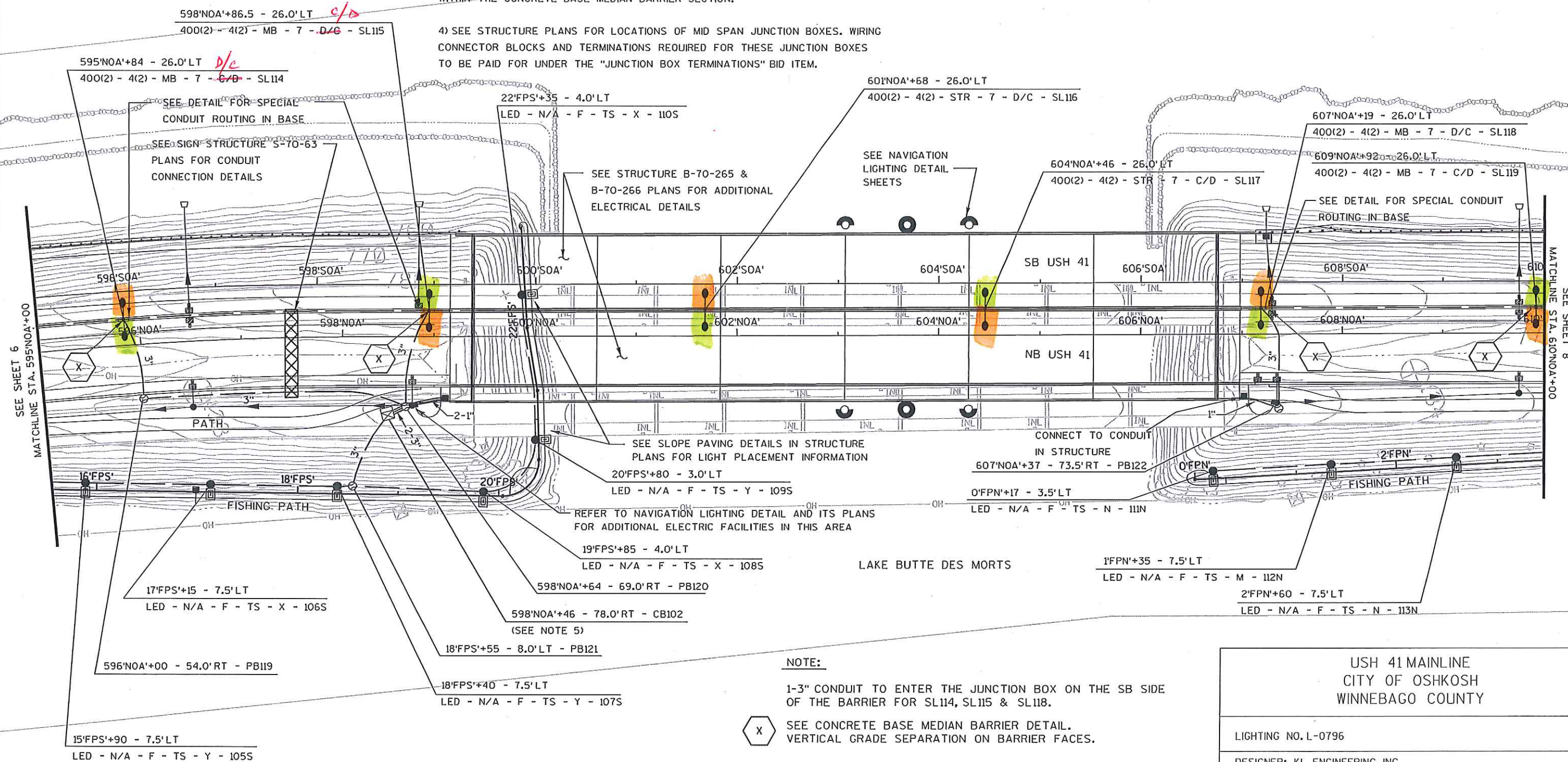
WISDOT/CADDs SHEET 42

USH 41 CAUSEWAY STRUCTURE NOTES:

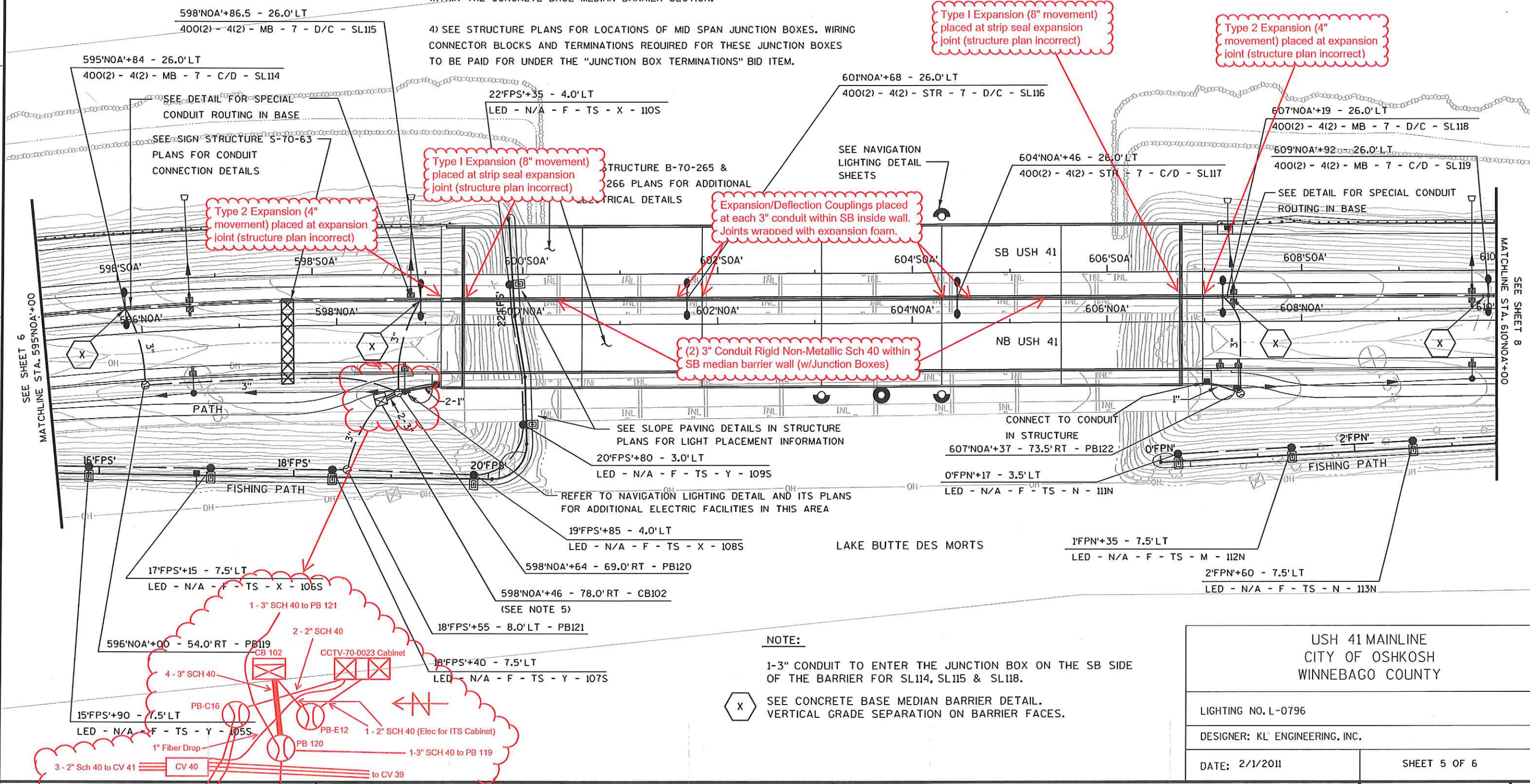
- 1) INSTALL CONDUIT RIGID METALLIC ACROSS ALL STRUCTURE JOINTS (SEE NOTE 8).
- 2) INSTALL CONDUIT RIGID METALLIC AND EXPANSION/DEFLECTION JOINT ACROSS CONCRETE BARRIER TYPE S56 SPECIAL SHORT RUN SECTIONS.
- 3) ROUTE CONDUITS LEADING INTO THE CONCRETE BARRIER TYPE S56 SPECIAL SHORT RUN SECTIONS TO THE NORTHBOUND BARRIER. THE TRANSITION SHALL TAKE PLACE WITHIN THE CONCRETE BASE MEDIAN BARRIER SECTION.

- 5) BONDING JUMPERS SHALL BE TERMINATED TO THE NEAREST STREET LIGHT BASE. RUN GROUND TO A FIELD INSTALLED BONDING LUG ON THE BACKSIDE OF THE JUNCTION BOX IN REQ'D. BONDING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.
- 6) ETCH "480V" OR "240V" ON THE JUNCTION BOX COVER PLATES AS APPROPRIATE. ETCHING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.

- 4) SEE STRUCTURE PLANS FOR LOCATIONS OF MID SPAN JUNCTION BOXES. WIRING CONNECTOR BLOCKS AND TERMINATIONS REQUIRED FOR THESE JUNCTION BOXES TO BE PAID FOR UNDER THE "JUNCTION BOX TERMINATIONS" BID ITEM.



- 5) BONDING JUMPERS SHALL BE TERMINATED TO THE NEAREST STREET LIGHT BASE. RUN GROUND TO A FIELD INSTALLED BONDING LUG ON THE BACKSIDE OF THE JUNCTION BOX IN REQ'D. BONDING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.
-
- 6) ETCH "480V" OR "240V" ON THE JUNCTION BOX COVER PLATES AS APPROPRIATE. ETCHING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.



1-3" CONDUIT TO ENTER THE JUNCTION BOX ON THE SB SIDE
OF THE BARRIER FOR SL114, SL115 & SL118.

SEE CONCRETE BASE MEDIAN BARRIER DETAIL.
VERTICAL GRADE SEPARATION ON BARRIER FACES.

USH 41 MAINLINE
CITY OF OSHKOSH
WINNEBAGO COUNTY

LIGHTING NO. L-0796

DESIGNER: KL ENGINEERING, INC.

DATE: 2/1/2011

SHEET 5 OF 6

PROJECT N1-2" Sch 40 (Camera) 75

1 - 3" SCH 40 to SL 115 HWY: USH 41

COUNTY: WINNEBAGO

LIGHTING - USH 41 & FISHING PATH

SHEET 260

FILE NAME : G:\INDOTVINE\WINE30-0739\WINNEBAGO COUNTY, 01\1120, 11-75, USH, 41, CENTRAL\ADON\PLAN SHEETS\023507_LP.dgn

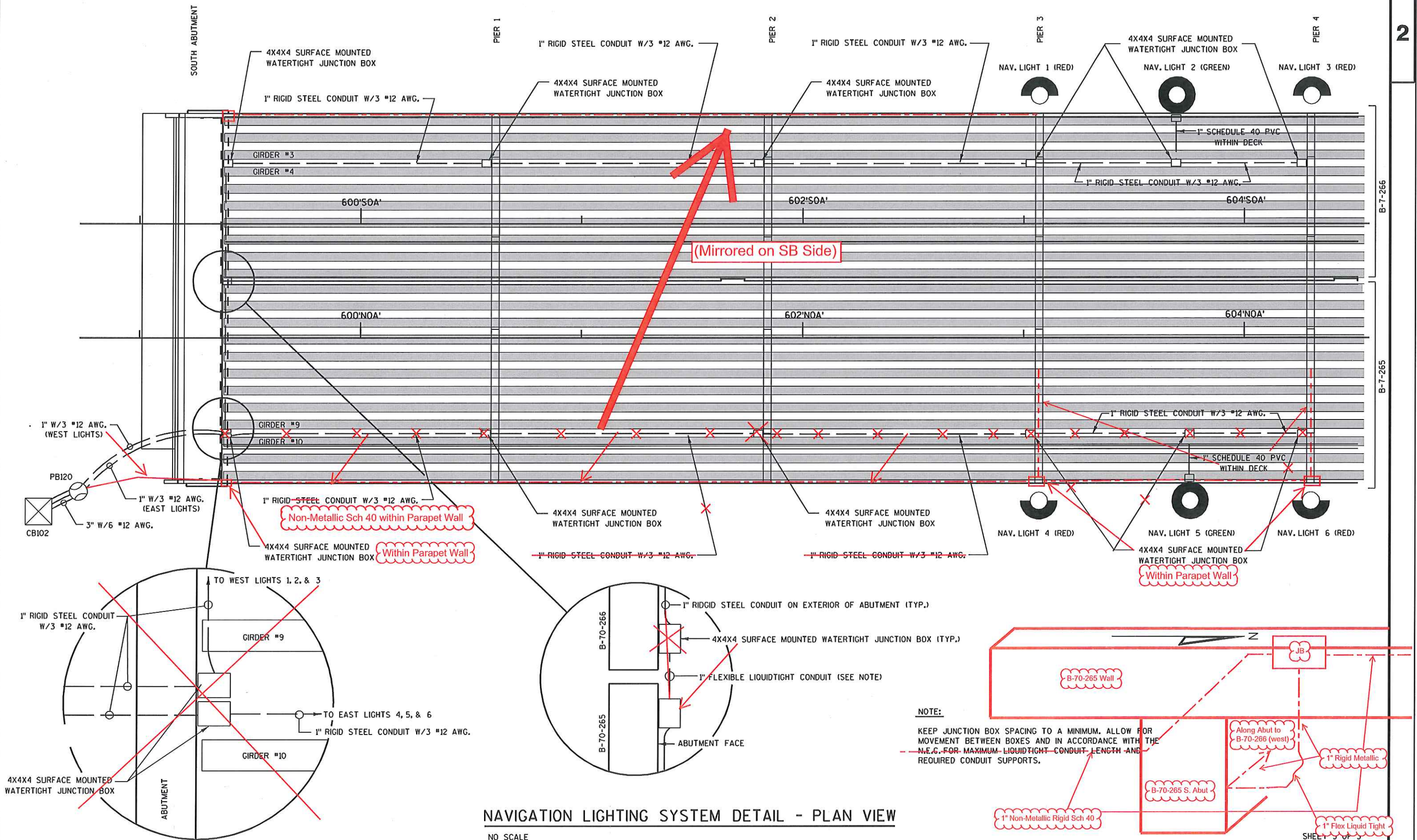
PLOT DATE : 4/4/2011

PLOT BY: KL Engineering

PLOT NAME :

PLOT SCALE :

WISDOT/CADDS SHEET 42



NAVIGATION LIGHTING SYSTEM DETAIL - PLAN VIEW

NO SCALE

2

USH 41 CAUSEWAY STRUCTURE NOTES:

1) INSTALL CONDUIT RIGID METALLIC ACROSS ALL STRUCTURE JOINTS (SEE NOTE 8).

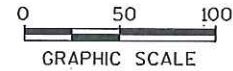
2) INSTALL CONDUIT RIGID METALLIC AND EXPANSION/DEFLECTION JOINT ACROSS CONCRETE BARRIER TYPE S56 SPECIAL SHORT RUN SECTIONS.

3) ROUTE CONDUITS LEADING INTO THE CONCRETE BARRIER TYPE S56 SPECIAL SHORT RUN SECTIONS TO THE NORTHBOUND BARRIER. THE TRANSITION SHALL TAKE PLACE WITHIN THE CONCRETE BASE MEDIAN BARRIER SECTION.

4) SEE STRUCTURE PLANS FOR LOCATIONS OF MID SPAN JUNCTION BOXES. WIRING CONNECTOR BLOCKS AND TERMINATIONS REQUIRED FOR THESE JUNCTION BOXES TO BE PAID FOR UNDER THE "JUNCTION BOX TERMINATIONS" BID ITEM.

5) BONDING JUMPERS SHALL BE TERMINATED TO THE NEAREST STREET LIGHT BASE. RUN GROUND TO A FIELD INSTALLED BONDING LUG ON THE BACKSIDE OF THE JUNCTION BOX IN REQ'D. BONDING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.

6) ETCH "480V" OR "240V" ON THE JUCTION BOX COVER PLATES AS APPROPRIATE. ETCHING SHALL BE INCIDENTAL TO THE JUNCTION BOX BID ITEM.

SEE SIGN STRUCTURE S-70-64 PLANS FOR
CONDUIT CONNECTION DETAILSSEE DETAIL FOR SPECIAL CONDUIT
ROUTING IN BASE

615'NOA'+29 - 26.0'LT

400(2) - 4(2) - MB - 7 - C/D - SL121

618'NOA'+02 - 26.0'LT

400(2) - 4(2) - MB - 7 - B/A - SL122

620'NOA'+62 - 26.0'LT

400(2) - 4(2) - MB - 7 - A/B - SL123

612'NOA'+60 - 26.0'LT

400(2) - 4(2) - MB - 7 - D/C - SL120

623'NOA'+44 - 26.0'LT

400(2) - 4(2) - MB - 7 - B/A - SL124

MARINE DRIVE SERVICE L-796

ABRAHAM LANE SERVICE

SEE STRUCTURE B-70-267 PLAN
FOR ADDITIONAL ELECTRICAL DETAILS

615'NOA'+55 - 68.0'RT - PB123

615'NOA'+37 - 68.0'RT

LED - N/A - F - TS - M - 118N

7'FPN'+61 - 4.0'LT

LED - N/A - F - TS - N - 117N

6'FPN'+36 - 7.5'LT

LED - N/A - F - TS - M - 116N

5'FPN'+11 - 7.5'LT

LED - N/A - F - TS - N - 115N

3'FPN'+86 - 7.5'LT

LED - N/A - F - TS - M - 114N

LAKE BUTTE DES MORTS

NOTE:

1-3" CONDUIT TO ENTER THE JUNCTION BOX ON THE SB SIDE
OF THE BARRIER FOR SL121.USH 41 MAINLINE/USH 41 & USH 45 INTERCHANGE
CITY OF OSHKOSH
WINNEBAGO COUNTY

LIGHTING NO. L-0796 (ABRAHAM LANE) /L-0786 (MARINE DRIVE)

DESIGNER: KL ENGINEERING, INC.

DATE: 2/1/2011

SHEET 6 OF 6

PROJECT NO:1120-11-75

HWY: USH 41

COUNTY: WINNEBAGO

LIGHTING - USH 41 & FISHING PATH

SHEET 271

E

FILE NAME : G:\WIDOT\NE\WINE30-0739\WINNEBAGO COUNTY - 01\1120-11-75 (USH 41 CENTRAL)\DGN\PLAN SHEETS\023508_LP.dgn

PLOT DATE : 4/4/2011

PLOT BY : KL Engineering

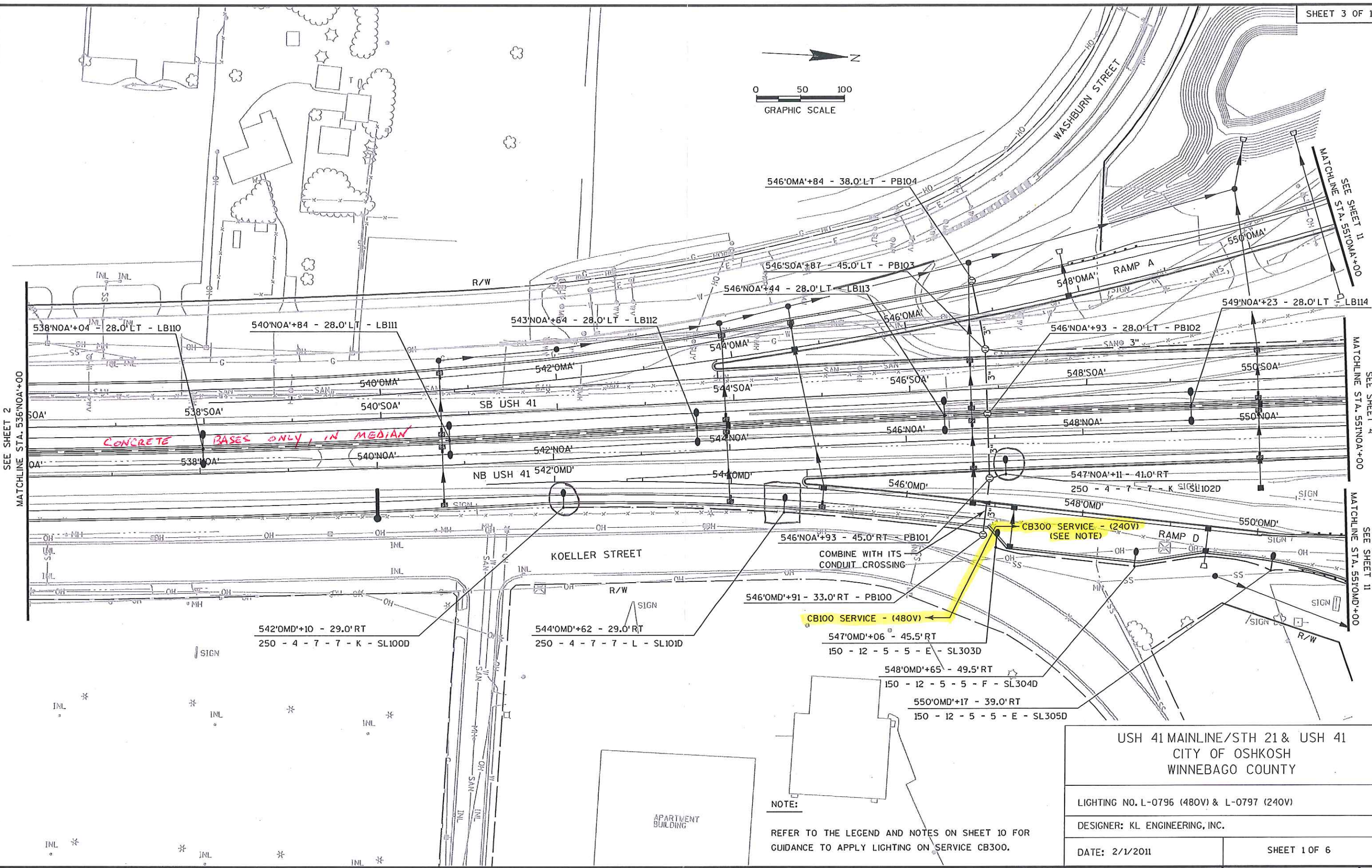
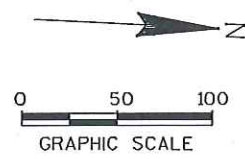
PLOT NAME :

PLOT SCALE :

WISDOT/CADDs SHEET 42

2

2



USH 41 MAINLINE/STH 21 & USH 41
CITY OF OSHKOSH
WINNEBAGO COUNTY

LIGHTING NO. L-0796 (480V) & L-0797 (240V)

DESIGNER: KL ENGINEERING, INC.

DATE: 2/1/2011

SHEET 1 OF 6

PROJECT NO: 1120-11-75

HWY: USH 41

COUNTY: WINNEBAGO

LIGHTING - USH 41 & RAMP D

SHEET 261