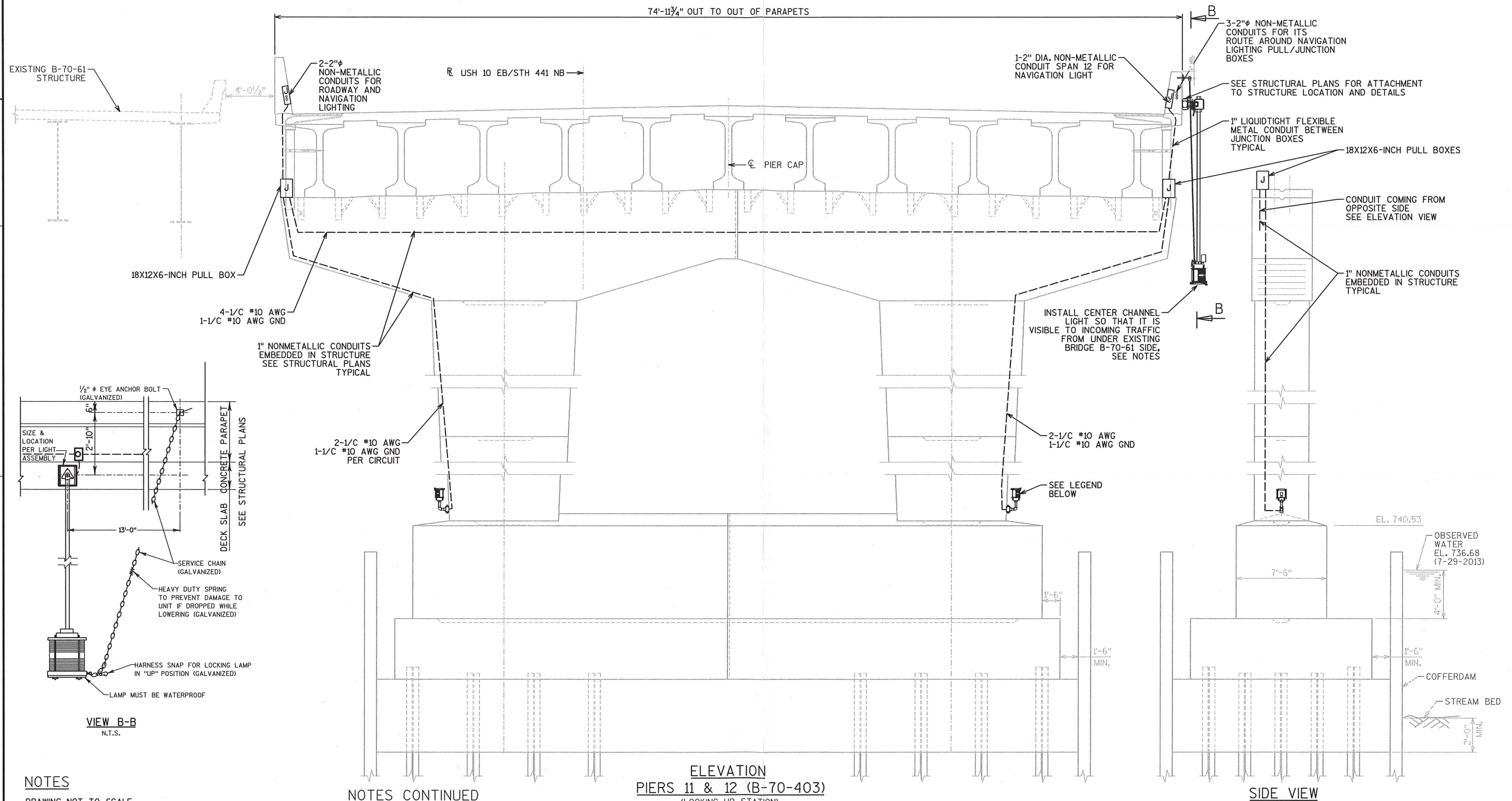
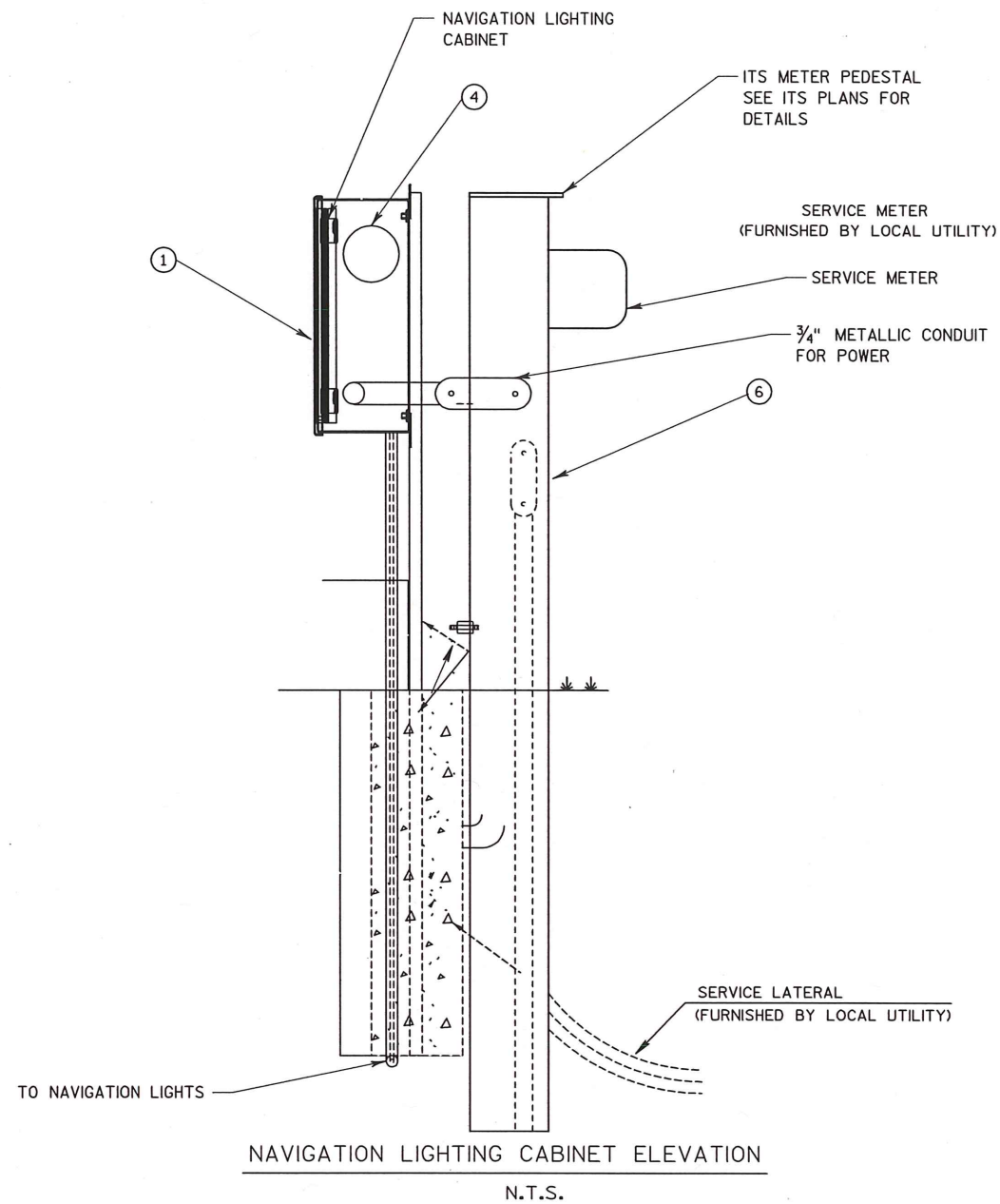


2

2



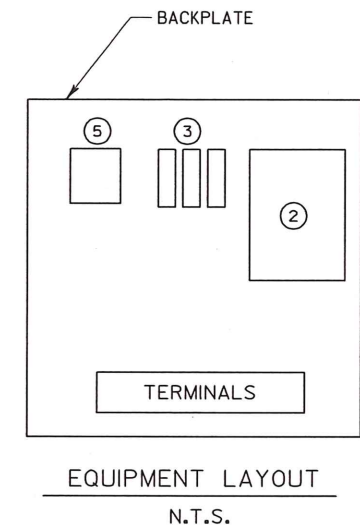
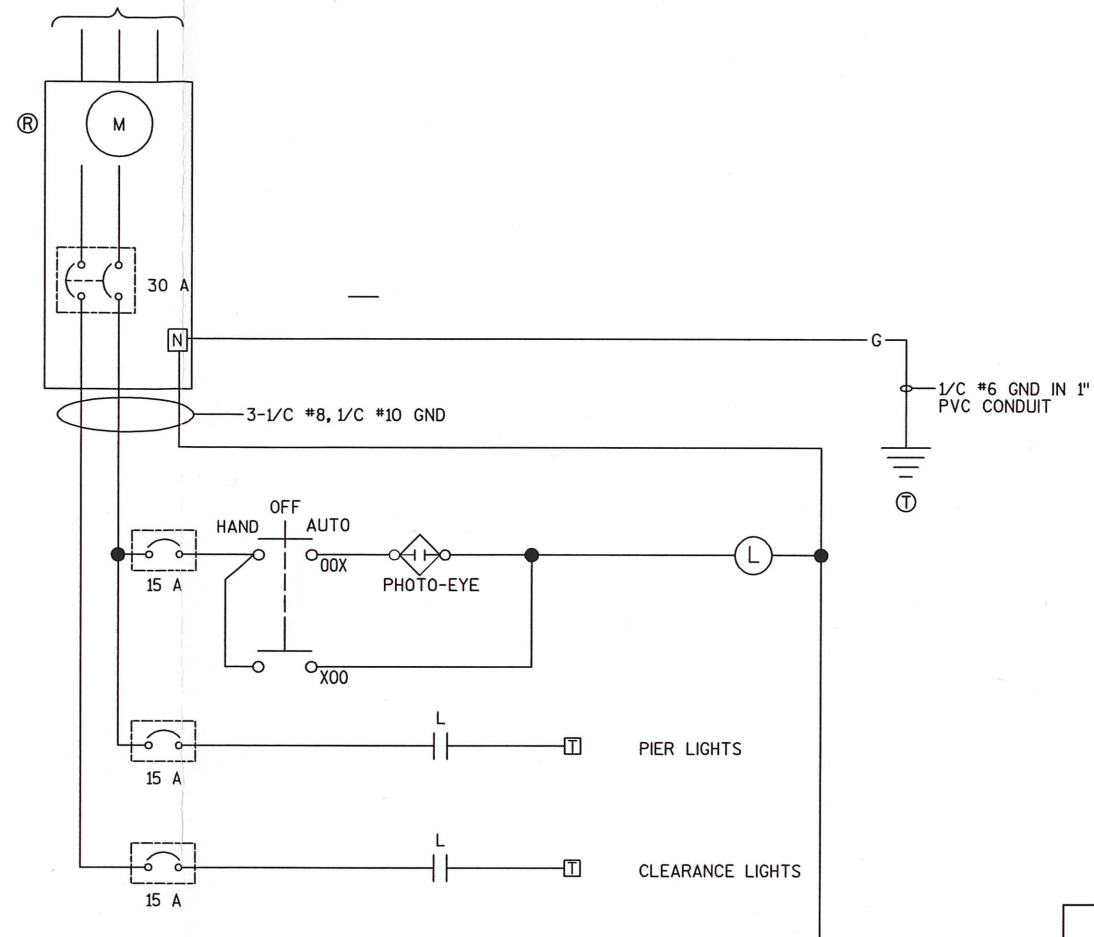


NOTES

FOR NAVIGATION LIGHT CABINET, USE #12 AWG TYPE SIS, 600V FOR CONTROL WIRING AND #10 AWG TYPE SIS FOR POWER WIRING, UNLESS OTHERWISE NOTED.

ALL WIRING SHALL BE NEATLY DRESSED AND IDENTIFIED BY TAGS.

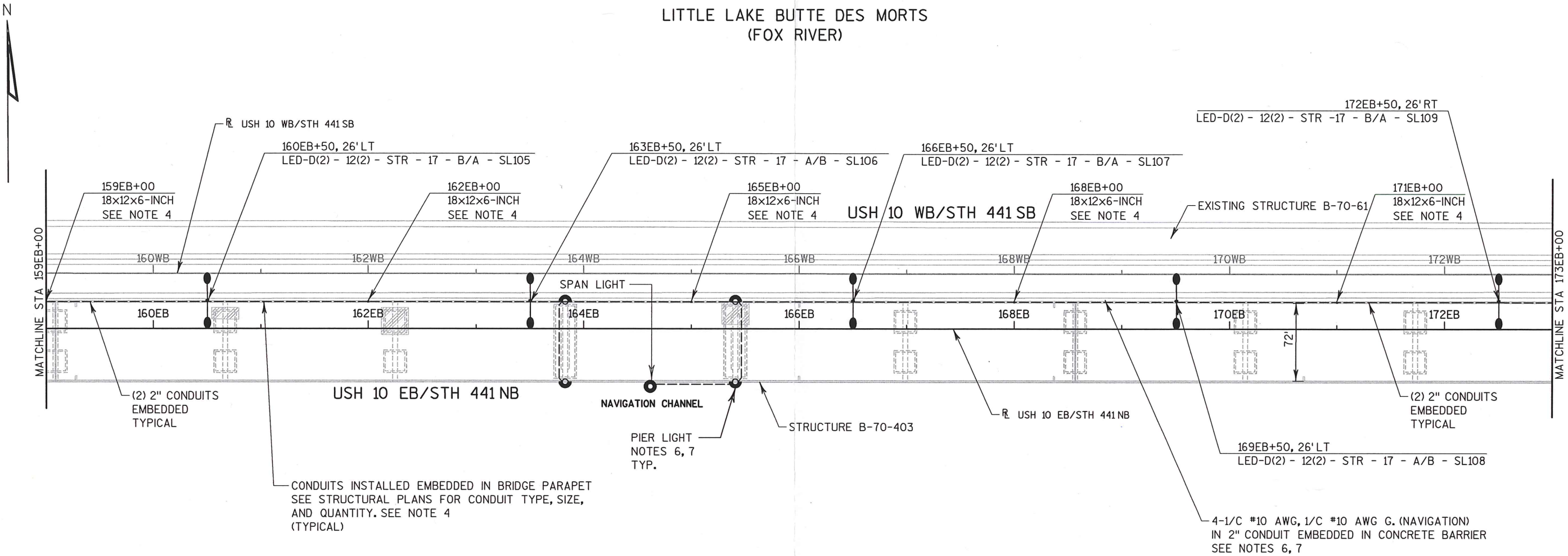
ELECTRICAL SERVICE, 120/240V, 1PH, 3W



BILL OF MATERIAL

BILL OF MATERIALS		
ITEM	QTY.	DESCRIPTION
①	1	20"x20"x10" NEMA 4X SS CABINET
②	1	2-POLE 30 AMP LIGHTING CONTACTOR 120 VAC COIL
③	3	1-POLE 15 AMP CIRCUIT BREAKERS
④	1	NEMA TWISTLOCK WISDOT APPROVED PHOTOCELL
⑤	1	HAND-OFF-AUTO 3 POSITION MAINTAINED SELECTOR SWITCH
⑥	1	2 POLE 30 AMP METER SOCKET COMPATIBLE BREAKER

LITTLE LAKE BUTTE DES MORTS
(FOX RIVER)



NAVIGATION LIGHT LEGEND

- CHANNEL LIGHT - ON SPAN - 360 DEGREE GREEN
- PIER LIGHT - ON PIERS 11 AND 12 - 180 DEGREE RED
- CONDUIT AND WIRING - AS SPECIFIED ON PLANS

NOTES:

- COORDINATE ALL WORK WITH STRUCTURAL PLANS.
- INSTALL LIGHT POLES ON EXISTING BASES SO THAT THE LIGHTING MAST ARM AND LUMINAIRE CAN BE INSTALLED IN THE ORIENTATION SHOWN ON THESE PLANS.
- COORDINATE THE UNDERGROUND WORK WITH WE-ENERGIES AND OTHER UTILITIES BEFORE BEGINNING ANY LIGHTING WORK.
- QUANTITIES AND PAYMENT FOR ALL ELECTRICAL AND LIGHTING CONDUITS, PULL AND JUNCTION BOXES AND BASES INSTALLED ON STRUCTURES ARE SHOWN ON THE STRUCTURAL PLANS.
- SEE STRUCTURAL PLANS AND DETAILS FOR LIGHT BASES, CONDUIT AND JUNCTION BOX LOCATIONS IN STRUCTURES.
- SEE NAVIGATION LIGHTING DETAILS FOR ADDITIONAL INFORMATION ON EQUIPMENT TYPE, SIZE, INSTALLATION, AND LOCATION. ALSO SEE STRUCTURAL PLANS.
- INCLUDE PAYMENT FOR ALL NAVIGATION LIGHTING MATERIALS, EQUIPMENT, AND LABOR IN THE NAVIGATION LIGHTS BID ITEM SPV.0105.700. INCLUDE ALL WORK FROM THE ELECTRIC UTILITY SERVICE POINT AS WELL AS COORDINATION WITH THE US COAST GUARD (USCG). SEPARATE OR ADDITIONAL PAYMENT WILL NOT BE MADE FOR ANY NAVIGATION LIGHTING RELATED WORK EVEN IF NOT EXPLICITLY SPECIFIED ON THE PLANS OR SPECIAL PROVISIONS.

2

USH 10 BRIDGE (LITTLE LAKE BUTTE DES MORTS)
ROLAND KAMPO BRIDGE (TAYCO ST)
CITY OF MENASHA
WINNEBAGO COUNTY

LIGHTING NO. L70-2010

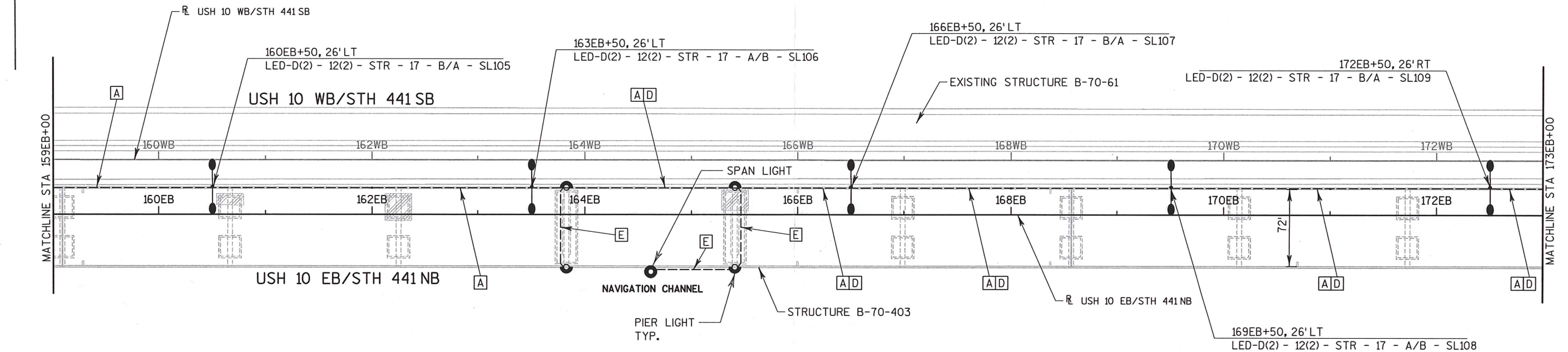
DESIGNER: URS CORPORATION

DATE: 5/1/2014

SHEET 8 OF 14

2

LITTLE LAKE BUTTE DES MORTS
(FOX RIVER)



[A]	CB-400					480V
	A	2	#6	1	8	
	B	2	#6	--	--	

[D]	CB-NAV					120V
	A	2	#10	1	10	
	N	2	#10	--	--	

[E]	CB-NAV					120V
	B	2	#10	1	10	
	N	2	#10	--	--	

SHEET 20 OF 26

PROJECT NO:1517-07-76

HWY: USH 10

COUNTY: WINNEBAGO

LIGHTING PLAN - WIRING SCHEMATIC - BRIDGE B-70-403

SHEET 246

E

FILE NAME : \\S1102K306\projects\Transportation\US 10 WIS 441\CADD\sheets\15170776\023520_lp - WD.dgn

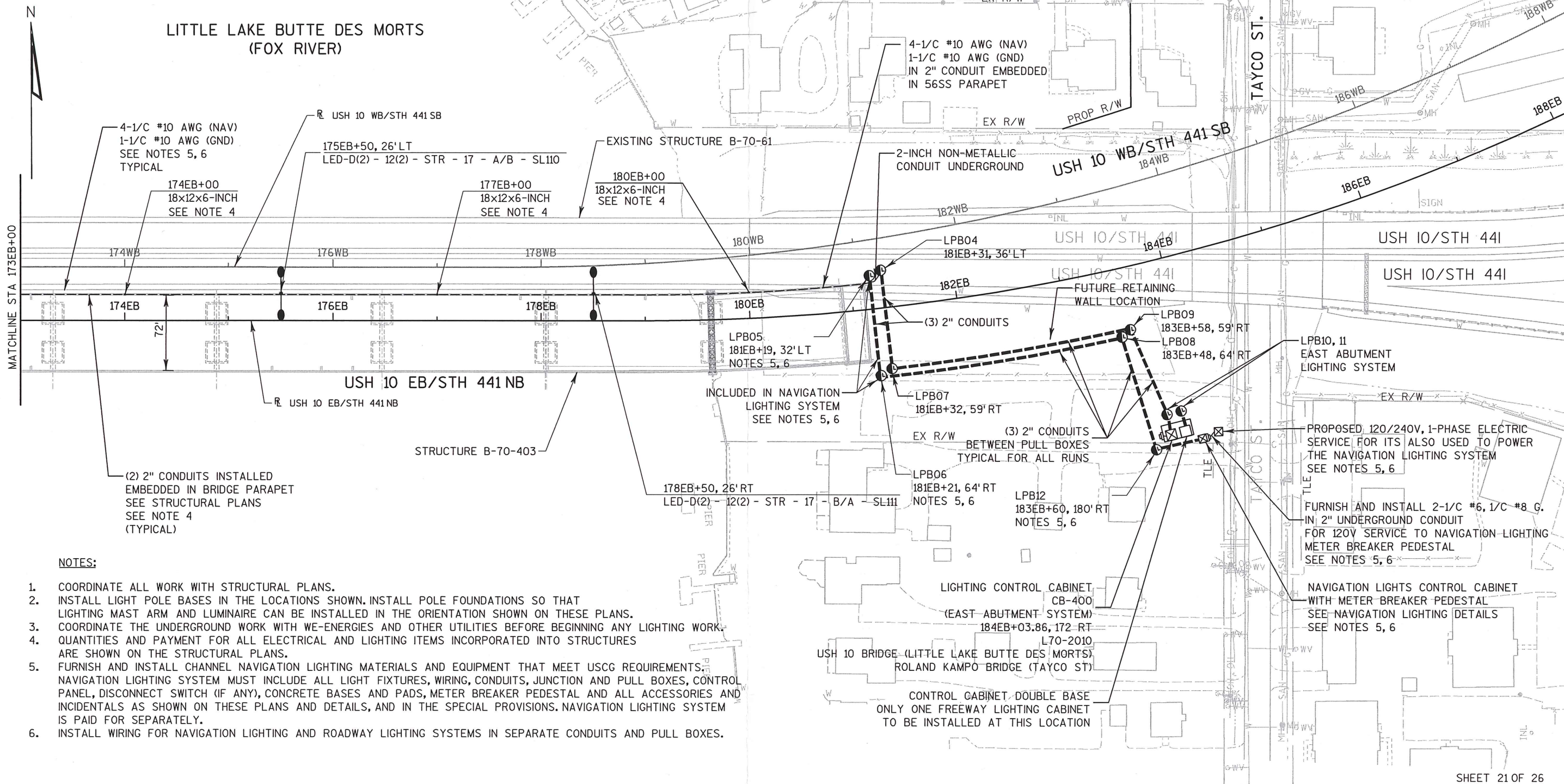
PLOT DATE : 5/1/2014

PLOT BY : nick_becker

PLOT NAME :

PLOT SCALE : 100.0000 sf / in.

WISDOT/CADDs SHEET 42



USH 10 BRIDGE (LITTLE LAKE BUTTE DES MORTS)
ROLAND KAMPO BRIDGE (TAYCO ST)
CITY OF MENASHA
WINNEBAGO COUNTY

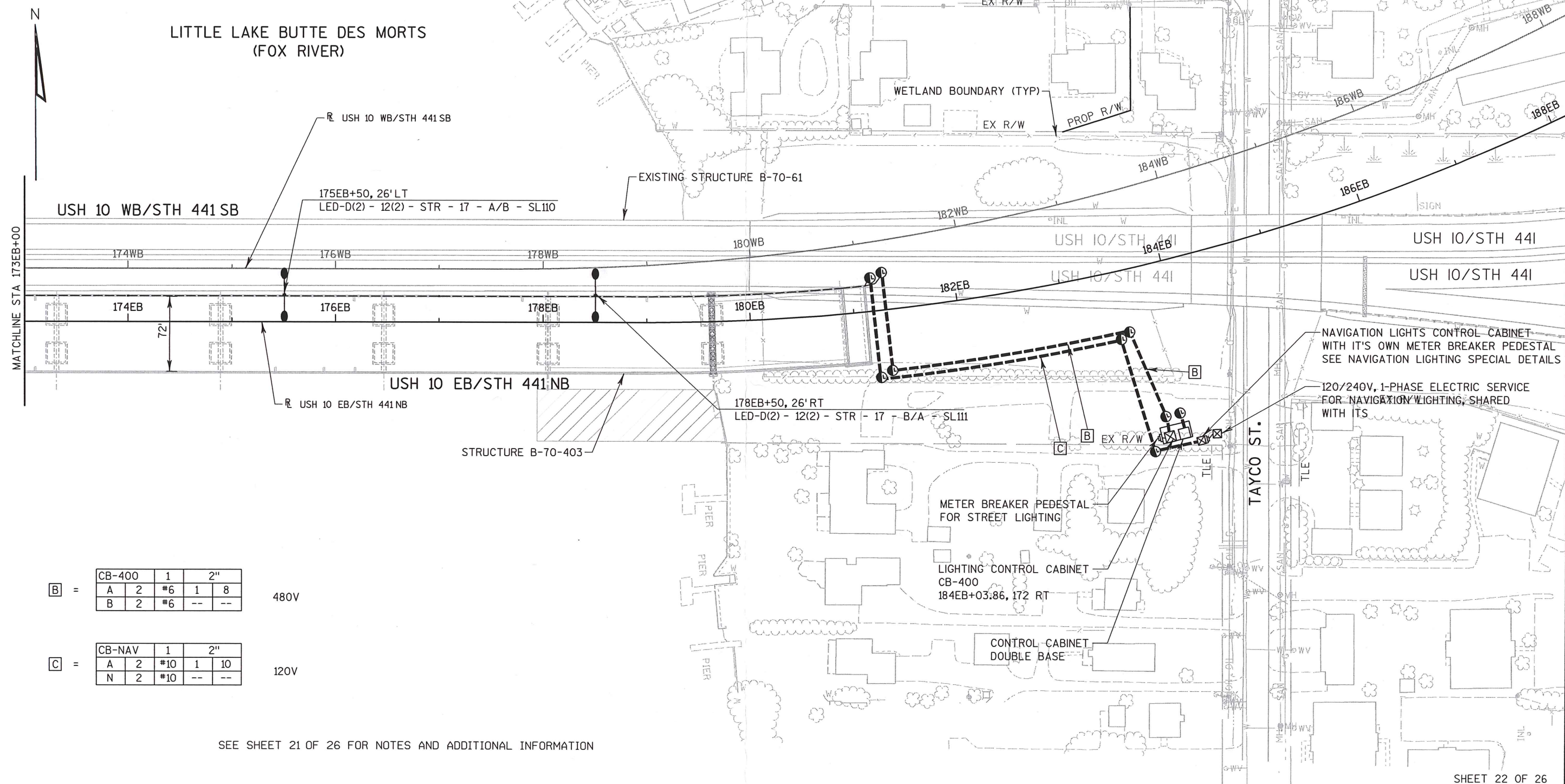
LIGHTING NO. L70-2010

DESIGNER: URS CORPORATION

DATE: 5/1/2014

SHEET 10 OF 14

12



SEE SHEET 21 OF 26 FOR NOTES AND ADDITIONAL INFORMATION

SHEET 22 OF 26

PROJECT NO:1517-07-76

HWY: USH 10

COUNTY: WINNEBAGO

LIGHTING PLAN - WIRING SCHEMATIC - BRIDGE B-70-403

SHEET

248

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FILE NAME : \\S1102K306\projects\Transportation\US 10 WIS 441\CADD\sheets\15170776\023522_lp - WD.dgn

PLOT DATE : 5/1/2014

PLOT BY : nick-becker

PLOT NAME :

PLOT SCALE : 100.0000 sf / in.

WISDOT/CADDS SHEET 42