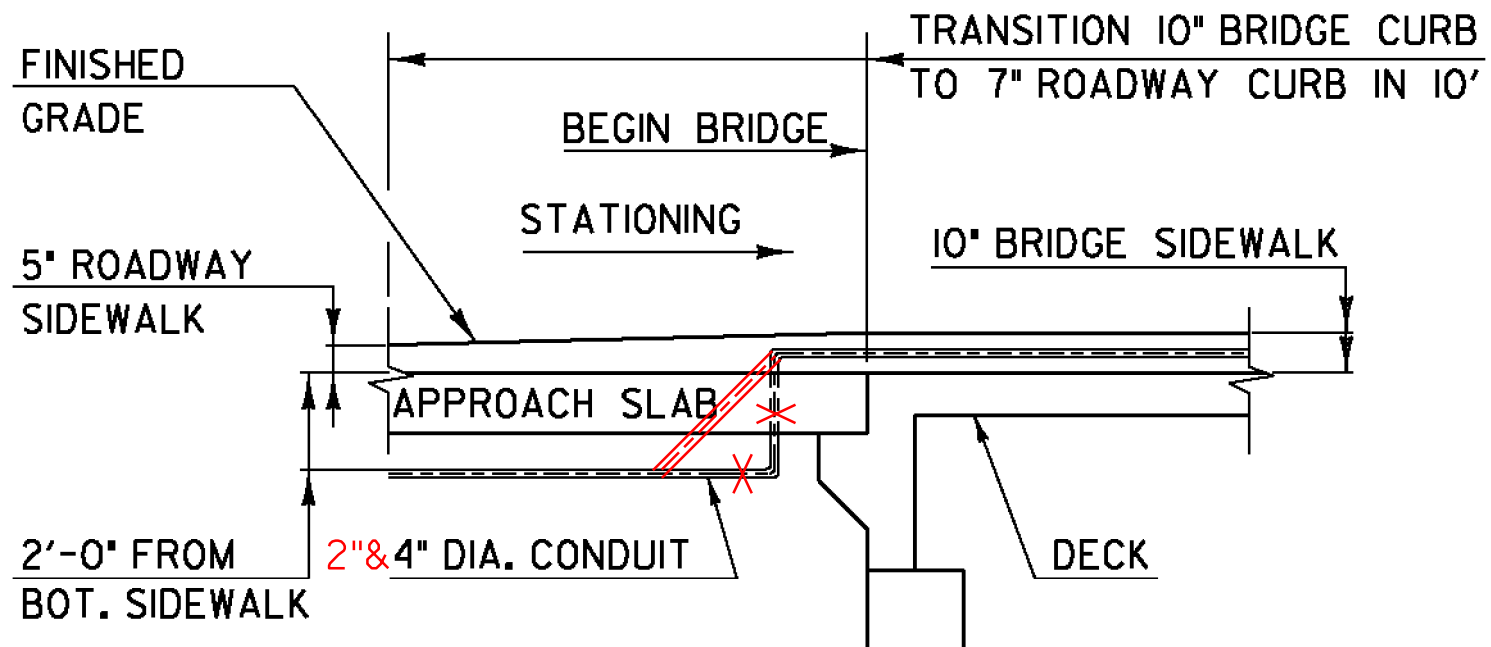


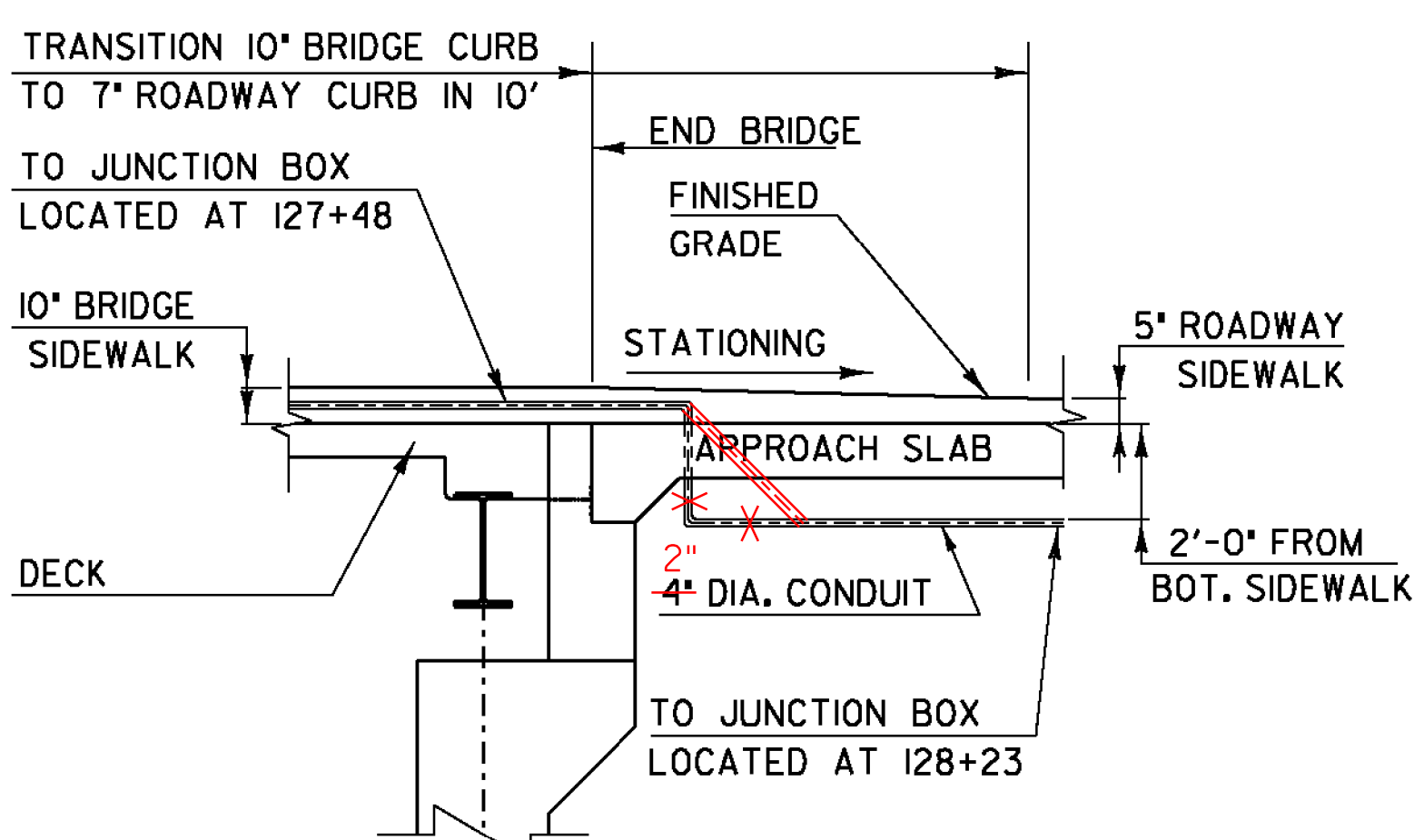
2" 4" PVC SCHEDULE 80 CONDUIT IN SIDEWALK  
 2" 4" PVC SCHEDULE 80 CONDUIT BURIED UNDER SIDEWALK

**NOTES:**

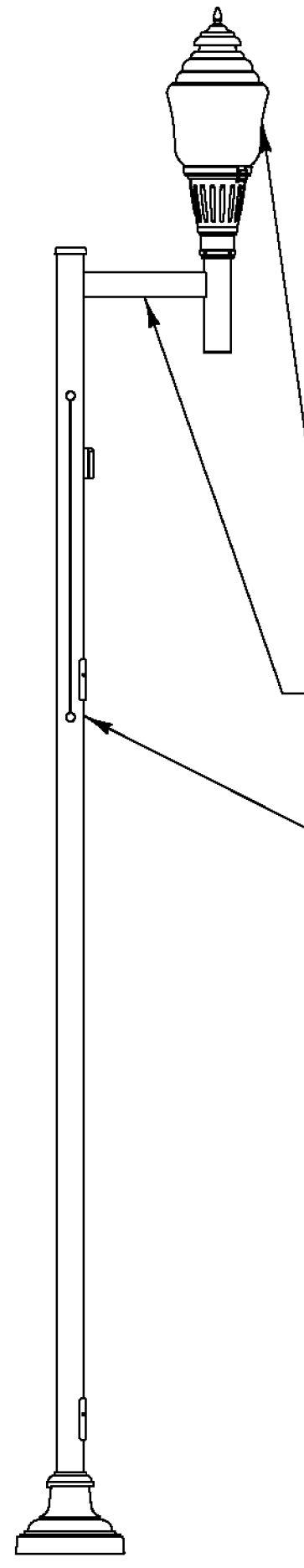
1. ALL WIRING BETWEEN THE METER AND/OR POWER SOURCE AND THE FIRST POLE AND/OR JUNCTION BOX AND BETWEEN POLES AND/OR JUNCTION BOXES SHALL BE COPPER AND SIZE AS SPECIFIED BY THE MANUFACTURER. ALL WIRE SHALL HAVE TYPE XHHW INSULATION OR EQUIVALENT.
2. HARDWARE: ALL EXPOSED SCREWS SHALL BE STAINLESS STEEL WITH CERAMIC PRIMER-SEAL BASECOAT AND COLOR STABLE TOPCOAT. ALL SEALS AND SEALING DEVICES ARE MADE AND/OR LINED WITH EPDM AND/OR SILICONE.
3. FINISH: COLOR TO BE BLACK TEXTURED (BKTX). APPLICATION OF A POLYESTER POWDER COAT PAINT (4 MILS/100 MICRONS). THE CHEMICAL COMPOSITION PROVIDES A HIGHLY DURABLE UV AND SALT SPRAY RESISTANT FINISH IN ACCORDANCE TO THE ASTM-B117-73 STANDARD AND HUMIDITY PROOF IN ACCORDANCE TO THE ASTM-D2247-68 STANDARD.
4. ALL JUNCTION BOXES UNDER SIDEWALK SHALL HAVE THEIR COVERS MOUNTED FLUSH WITH THE TOP OF THE SIDEWALK. ALL JUNCTION BOXES SHALL BE POLYMER CONCRETE OR REINFORCED FIBERGLASS U.L. LISTED JUNCTION BOXES SHALL BE INSTALLED WITH HEAVY DUTY COVERS.
5. CONDUIT LOCATIONS SHOWN ON THE DRAWING ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD GIVING CONSIDERATION TO DRAINAGE, UNDERGROUND UTILITIES, AND PROPOSED HOLES IN THE EXPANSION JOINT.
6. PAYMENT FOR CONNECTION STEEL AND HARDWARE FOR MOUNTING THE LIGHT TO THE TRUSS WILL BE INCLUDED IN ITEM 506.57, "STRUCTURAL STEEL, TRUSS".



**ABUTMENT#1 CONDUIT DETAIL**  
NTS



**ABUTMENT#2 CONDUIT DETAIL**  
NTS



**LIGHTPOLE TYPICAL**  
NTS

REFER TO "TYPICAL SECTIONS - VT 107" AND "BRIDGE TYPICAL SECTIONS - VT 107" SHEETS TO DETERMINE START AND STOP POINTS OF CONDUIT.

LUMEC LUMINAIRE (OR EQUIVALENT)  
S5I-150MH-PC-FC-SE3-120-SFX-BKTX-LMS51668A  
 LUMEC BRACKET CR-1A-BKTX-LMS51668A OR EQUIVALENT  
 LUMEC POLE (OR EQUIVALENT)  
SPR4N-16-BA-GFI-LBC3-BKTX-LMS51668A

STREET LIGHTING LOCATIONS TABLE						
LIGHT NO.	LOCATION	OFFSET *	LUMINAIRE WATTS TYPE	LUMINAIRE HEIGHT	REMARKS	JUNCTION BOX
(1)	STA. 123+00 LT	21' - 10"	150W Me Ha	17' - 6"	EMBANKMENT	YES
(2)	STA. 123+75 LT	21' - 10"	150W Me Ha	17' - 6"	EMBANKMENT	YES
(3)	STA. 124+50 LT	21' - 10"	150W Me Ha	17' - 6"	WINGWALL	YES
(4)	STA. 125+25 LT	21' - 10"	150W Me Ha	17' - 6"	DECK	YES
(5)	STA. 126+02 LT	20' - 1"	150W Me Ha	18' - 6 1/2"	TRUSS	YES
(6)	STA. 126+73 LT	20' - 1"	150W Me Ha	18' - 6 1/2"	TRUSS	YES
(7)	STA. 127+48 LT	20' - 1"	150W Me Ha	18' - 6 1/2"	TRUSS	YES
(8)	STA. 128+25 LT	21' - 10"	150W Me Ha	17' - 6"	EMBANKMENT	YES

NOTE: Me Ha = METAL HALIDE  
 \* = OFFSET TO CENTERLINE POLE AND FOUNDATION

LEGEND	
○	= PROPOSED LIGHT & BRACKET
⊙	= PROPOSED LIGHT & POLE
①	= LIGHT LOCATION NUMBER
⊕	= EXISTING UTILITY POLE
□	= JUNCTION BOX
—	= PROPOSED LIGHTING CONDUIT
⊞	= PROPOSED METER BOX

PROJECT NAME: BETHEL  
 PROJECT NUMBER: BRF 022-1(14)  
 FILE NAME: sf78f611te.dgn  
 PROJECT LEADER: M. EVANS-MONGEON  
 DESIGNED BY: S. SCRIBNER  
 LIGHTING LAYOUT  
 PLOT DATE: 20-MAY-2011  
 DRAWN BY: S. SCRIBNER  
 CHECKED BY: S. SCRIBNER  
 SHEET 97 OF 148