

**WIRED CONDUIT SCHEDULE**

LOCATION	WIRED CONDUIT 50 mm #6 CU. CIRCUIT 1	WIRED CONDUIT 50 mm #6 CU. CIRCUIT 2	WIRED CONDUIT 50 mm #6 CU. OTHER	REMARKS
POLE 6 TO PS-1	--	--	6.0m	POWER SUPPLY
PS-1 TO PB-8	9.1m	--	--	
PB-8 TO PB-2	43.5m	--	--	VIA SLEEVE S2
PB-2 TO LU-1	1.5m	--	--	
PS-1 TO PB-1	8.4m	--	--	
PB-1 TO PB-3	9.4m	--	--	VIA SLEEVE S1
PB-3 TO LU-2	34.2m	--	--	
LU-2 TO LU-3	28.1m	--	--	
POLE 7 TO PS-2	--	--	6.0m	POWER SUPPLY
PS-2 TO LU-5	--	9.1m	--	
LU-5 TO PB-5	--	23.5m	--	
PB-5 TO PB-4	--	11.2m	--	VIA SLEEVE S3
PB-4 TO LU-4	--	1.5m	--	
PS-2 TO PB-6	--	20.3m	--	
PB-6 TO LU-6	--	1.5m	--	
PB-6 TO PB-7	--	13.0m	--	VIA SLEEVE S4
PB-7 TO LU-7	--	19.5m	--	
LU-7 TO LU-8	--	15.5m	--	
<b>SUBTOTAL</b>	<b>134.2m</b>	<b>115.1m</b>	<b>12.0m</b>	
<b>ROUNDING</b>	<b>3.7m</b>			
<b>TOTAL</b>		<b>265m</b>		

PS = POWER STANCHION  
PB = PULL BOX  
LU = LUMINAIRE



**VT ROUTE 108 STA. 10+082.794  
END ROADWAY PROJECT  
STP 030-2(27)  
BEGIN BRIDGE PROJECT  
BRF 027-1(4)**

- ① STA. 20+048.50 - STA. 20+048.50  
NEW 9.2m X 200 ELECTRICAL CONDUIT SLEEVE
- ② STA. 20+066.193, 13.36m LT. - STA. 20+110.400, 12.51m RT.  
NEW 43.2m X 200 ELECTRICAL CONDUIT SLEEVE
- ③ STA. 10+036.530, 5.11m LT. - STA. 10+036.530, 6.07m RT.  
NEW 11.2m X 200 ELECTRICAL CONDUIT SLEEVE
- ④ STA. 20+166.128, 7.29m LT. - STA. 20+166.128, 5.62m RT.  
NEW 11.4m X 200 ELECTRICAL CONDUIT SLEEVE

- 679.23-BREAKAWAY FEATURE FOR LIGHT POLE
- STA. 20+111.167, 12.49m LT.
  - STA. 20+092.630, 6.27m RT.
  - STA. 9+989.627, 16.83m LT.
  - STA. 10+036.555, 5.68m LT.
  - STA. 10+014.848, 16.83m RT.
  - STA. 20+167.020, 6.77m LT.
  - STA. 20+147.419, 11.02m RT.
  - STA. 9+970.681, 6.15m RT.

- 678.26-JUNCTION BOX  
678.25-PULLBOX, STANDARD
- STA. 20+058.255, 4.67m LT.
  - STA. 20+110.400, 12.51m RT.
  - STA. 20+058.255, 4.75m RT.
  - STA. 10+036.530, 5.11m LT.
  - STA. 10+036.530, 6.07 RT.
  - STA. 20+166.128, 7.29 LT.
  - STA. 20+166.128, 5.62 RT.
  - STA. 20+066.193, 13.36 LT.
- SEE BELOW

- 679.21-LIGHT POLE BASES
- STA. 20+111.167, 12.49m LT.
  - STA. 20+092.630, 6.27m RT.
  - STA. 9+989.627, 16.83m LT.
  - STA. 10+036.555, 5.68m LT.
  - STA. 10+014.848, 16.83m RT.
  - STA. 20+167.020, 6.77m LT.
  - STA. 20+147.419, 11.02m RT.
  - STA. 9+970.681, 6.15m RT.

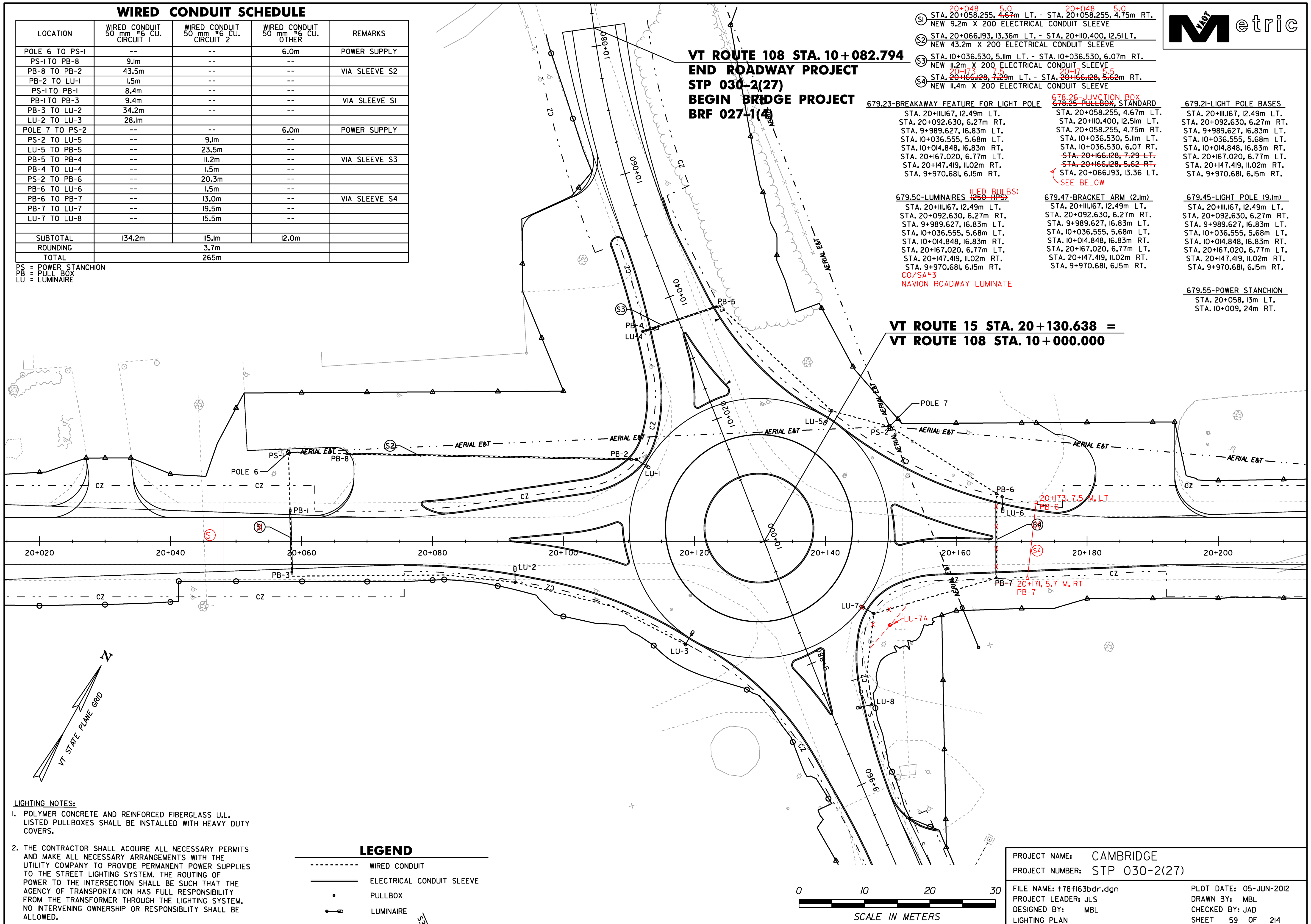
- 679.50-LUMINAIRES (LED BULBS)  
(250 HPS)
- STA. 20+111.167, 12.49m LT.
  - STA. 20+092.630, 6.27m RT.
  - STA. 9+989.627, 16.83m LT.
  - STA. 10+036.555, 5.68m LT.
  - STA. 10+014.848, 16.83m RT.
  - STA. 20+167.020, 6.77m LT.
  - STA. 20+147.419, 11.02m RT.
  - STA. 9+970.681, 6.15m RT.
- CO/SA#3  
NAVION ROADWAY LUMINATE

- 679.47-BRACKET ARM (2.1m)
- STA. 20+111.167, 12.49m LT.
  - STA. 20+092.630, 6.27m RT.
  - STA. 9+989.627, 16.83m LT.
  - STA. 10+036.555, 5.68m LT.
  - STA. 10+014.848, 16.83m RT.
  - STA. 20+167.020, 6.77m LT.
  - STA. 20+147.419, 11.02m RT.
  - STA. 9+970.681, 6.15m RT.

- 679.45-LIGHT POLE (9.1m)
- STA. 20+111.167, 12.49m LT.
  - STA. 20+092.630, 6.27m RT.
  - STA. 9+989.627, 16.83m LT.
  - STA. 10+036.555, 5.68m LT.
  - STA. 10+014.848, 16.83m RT.
  - STA. 20+167.020, 6.77m LT.
  - STA. 20+147.419, 11.02m RT.
  - STA. 9+970.681, 6.15m RT.

- 679.55-POWER STANCHION
- STA. 20+058, 13m LT.
  - STA. 10+009, 24m RT.

**VT ROUTE 15 STA. 20+130.638 =  
VT ROUTE 108 STA. 10+000.000**



**LIGHTING NOTES:**

1. POLYMER CONCRETE AND REINFORCED FIBERGLASS U.L. LISTED PULLBOXES SHALL BE INSTALLED WITH HEAVY DUTY COVERS.
2. THE CONTRACTOR SHALL ACQUIRE ALL NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE PERMANENT POWER SUPPLIES TO THE STREET LIGHTING SYSTEM. THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE AGENCY OF TRANSPORTATION HAS FULL RESPONSIBILITY FROM THE TRANSFORMER THROUGH THE LIGHTING SYSTEM. NO INTERVENING OWNERSHIP OR RESPONSIBILITY SHALL BE ALLOWED.

**LEGEND**

- WIRED CONDUIT
- ===== ELECTRICAL CONDUIT SLEEVE
- PULLBOX
- ◐ LUMINAIRE

PROJECT NAME: CAMBRIDGE	PLOT DATE: 05-JUN-2012
PROJECT NUMBER: STP 030-2(27)	DRAWN BY: MBL
FILE NAME: +78f163bdr.dgn	CHECKED BY: JAD
PROJECT LEADER: JLS	SHEET 59 OF 214
DESIGNED BY: MBL	
LIGHTING PLAN	