

US RTE 2 6+12 - 19.0' LT
US RTE 2 6+92 - 21.0' RT
US RTE 2 7+89 - 28.0' RT
US RTE 2 8+75 - 27.5' RT
US RTE 2 9+75 - 21.0' RT
VT RTE 117 30+43 - 34.0' RT
VT RTE 117 31+00 - 21.0' LT
I-89 NB OFF-RAMP 35+68 - 22.0' LT

US RTE 2 6+12 - 21.6' LT
US RTE 2 6+92 - 23.6' RT
US RTE 2 7+89 - 30.6' RT
US RTE 2 8+75 - 30.0' RT
US RTE 2 9+75 - 23.6' RT
VT RTE I17 30+44 - 36.6' RT
VT RTE I17 31+03 - 21.0' LT
I-89 NB OFF RAMP 35+68 - 24.6' LT

US RTE 2 6+28 - 33.8' LT
US RTE 2 7+04 - 24.0' RT
US RTE 2 7+12 - 39.0' RT
US RTE 2 10+58 - 25.0' RT

1. CONNECT NEW STREET LIGHTING INDICATED TO RELOCATED POWER CABINET AT US RTE 2 7+75 LT. UTILIZE AN EXISTING 20A SPARE BREAKER TO POWER THE NEW STREET LIGHTING.
2. SEE LIGHTING NOTES 1-II, 14, CONDUIT SLEEVE NOTES, DETAILS FOR TAGS ATTACHED TO AREA LIGHT POLES, CONDUIT NOTES, GROUNDING NOTES AND GENERAL NOTES ON THE LIGHTING GENERAL NOTES SHEET (SHEET 114).
3. LIGHTING CONDUIT PROPOSED IN ROADWAYS SHALL BE INSTALLED IN THE SAME TRENCHES AS THE TRAFFIC SIGNAL CONDUIT. REFER TO TRAFFIC SIGNAL PLANS, SHEETS 66 & 68.

LIGHT DISTRIBUTION IS BASED ON HOLOPHANE
PHOTOMETRIC DATA *LEDG I20 53 4K 00 2H L4,
FULL CUTOFF, TYPE IV OPTICS, CATALOG
*LEDG I20 53 5K AS A L4 PCS (TENON MOUNTED)

THE ABOVE PHOTOMETRIC DATA DRAWINGS WERE USED FOR DESIGN PURPOSES ON THIS PROJECT. ALTERNATE MANUFACTURERS PRODUCTS THAT MAY BE SUBSTITUTED ARE BETALED (LEDWAY IP) AND LRL LED LUMINAIRE *STA-96M. THE ALTERNATE MANUFACTURER MUST MEET THE INSTALLED LUMINAIRE LIGHT UTILIZATION AN MINIMUM FC.

ALL NEW STREET LIGHTING POLES AND LUMINAIRES
FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH
SUBSECTION 753.01.

THE STREET LIGHTING IS BASED ON THE VERMONT
AGENCY OF TRANSPORTATION LIGHTING DESIGN GUIDE,
RECOMMENDED LIGHTING LEVELS FOR INTERSECTIONS AND
ROUNDBOUTS (MAJOR/LOCAL, LOW, FC = 1.3),

~~US RTE 2 6+12 LT (JB) - 6+28 LT (JB) 24'
US RTE 2 6+28 LT (JB) - 6+31LT (CONDUIT SLEEVE) 6'
US RTE 2 6+28 LT (JB) - VT RTE 117 3+03 LT (JB) 47'
US RTE 2 6+92 RT (JB) - 7+04 RT (JB) 10'
US RTE 2 7+04 LT (CONDUIT SLEEVE) - 7+12 LT (JB) 25'
US RTE 2 7+12 LT (JB) - 7+73 LT (PC) 65'
US RTE 2 7+12 LT (JB) - VT RTE 117 30+44 RT (JB) 34'
US RTE 2 7+74 LT (PC) - 1-89 NB OFF-RAMP 35.68 LT (JB) 115'
US RTE 2 7+89 RT (JB) - 7+04 RT (JB) 81'
US RTE 2 7+89 RT (JB) - 8+75 RT (JB) 89'
US RTE 2 8+75 RT (JB) - 9+75 RT (JB) 104'~~

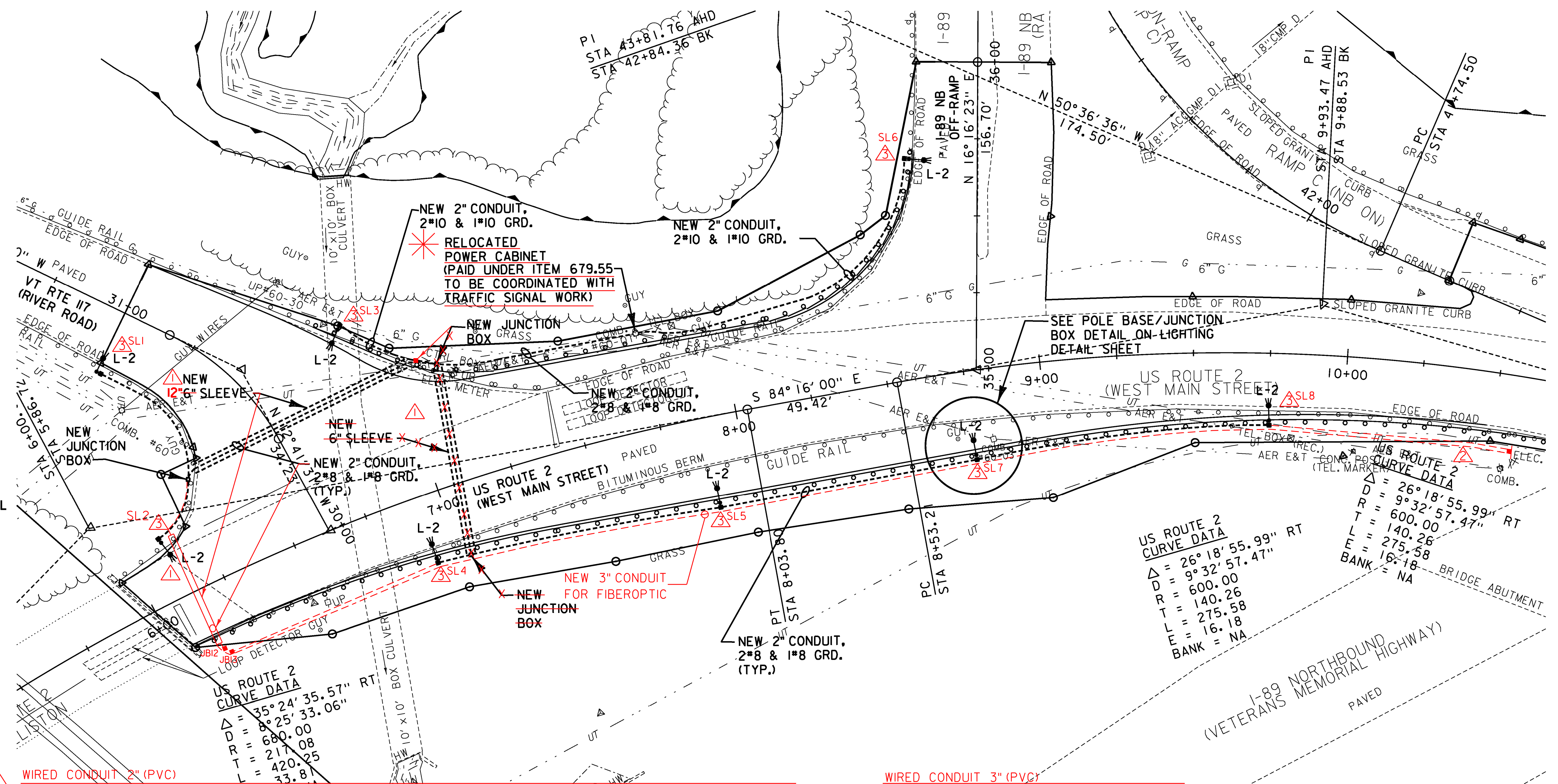
US RTE 2 9+55 RT (JB) - 10+58 RT (JB) 85' 

SEE BELOW FOR CONDUIT SCHEDULE

~~US RTE 2 6+12 LT (JB) - 6+12 LT (LP) 8'~~
~~US RTE 2 6+92 RT (JB) - 6+92 RT (LP) 8'~~
~~US RTE 2 7+89 RT (JB) - 7+89 RT (LP) 8'~~
~~US RTE 2 8+75 RT (JB) - 8+75 RT (LP) 8'~~
~~US RTE 2 9+75 RT (JB) - 9+75 RT (LP) 8'~~
~~VT RTE I17 31+03 LT (JB) - 31+00 LT (LP) 8'~~
~~VT RTE I17 30+43 RT (JB) - 30+44 RT (LP) 8'~~
~~I-89 NB OFF-RAMP 35+68 LT (PB) - 35+68 LT (JB) 8'~~
 NO 1" (PVC) CONDUIT USED

US RTE 2 6+31LT - 7+04 LT 78'
~~US RTE 2 7+04 RT - 7+12 LT 62'~~
 US RTE 2 6+15 RT
POWER DROP STANCHION, STREET LIGHTING
 US RTE 2 7+75 LT
 COORDINATE WITH TRAFFIC SIGNAL WORK

-----	PROPOSED WIRED CONDUIT
-----	PROPOSED ELECTRICAL CONDUIT SLEEVE
■	PROPOSED JUNCTION BOX
⎓	PROPOSED LIGHT POLE & LUMINAIRE
L-2	LUMINAIRE TYPE



STA. 30+86, 29' LT, POLE #60	TO 6+28, 38' LT, SERVICE
STA. 6+28, 38' LT, SERVICE	TO 6+20, 35' LT, CONTROL
STA. 6+20, 35' LT, CONTROL	TO 6+24.96, 33.97' LT, MP1A
STA. 6+20, 35' LT, CONTROL	TO 6+15, 45' LT, PBI
STA. 6+15, 45' LT, PBI	TO 6+15, 25' RT, PBMPIC
STA. 6+15, 25' RT, PBMPIC	TO 6+38.36, 21.54' RT, MPIC
STA. 6+50, 25' RT, PB2	TO 6+76, 23' RT, PB3
STA. 6+76, 23' RT, PB3	TO 6+86.06, 22.78' RT, MP1B
STA. 6+28, 38' LT, SERVICE	TO 6+30, 33.8' LT, JB10
STA. 6+30, 33.8' LT, JB10	TO 31+03, 21' LT, JB1
STA. 31+03, 21' LT, JB1	TO 31+00, 21' LT, *SLI-I05W-LED
STA. 6+30, 33.8' LT, JB10	TO 7+04, 33' LT, JB11
STA. 7+04, 33' LT, JB11	TO 30+44, 36.6' RT, JB3
STA. 30+44, 36.6' RT, JB3	TO 30+44, 34' RT, *SL3-I05W-LED

STA. 7+04, 33' LT, JBI1	TO 6+30, 33.8' LT, JBI0
STA. 6+30, 33' LT, JBI0	TO 6+15, 21.6' LT, JBI2
STA. 6+15, 21.6' LT, JBI2	TO 6+15, 23' RT, JBI3
STA. 6+15, 23' RT, JBI2	TO 10+54, 23.5' RT, JBI9

KEY	DATE	BY	REVISION
1	10/27/2015	VTRANS	SUPPLEMENTAL AGREEMENT 12" STEEL SLEEVE
2	10/27/2015	VTRANS	ADDITIONAL 2" WIRED CONDUIT
3	10/27/2015	VTRANS	ADDITIONAL JUNCTION BOX
4	11/9/2015	VTRANS	CORRECT STREET LIGHT NUMBERS
5	11/13/2015	VTRANS	WIRED CONDUIT SCHEDULE UPDATE

PROJECT NAME: RICHMOND
PROJECT NUMBER: CMG PARK (3D)

FILE NAME: z97c186e10l.dgn
PROJECT LEADER: YASSER RIZK
DESIGNED BY: M. STEWART
LIGHTING PLAN LAYOUT SHEET

PLOT DATE: 4/30/2013
DRAWN BY: M. STEWART
CHECKED BY: Y. RIZK
SHEET 75 OF 133

