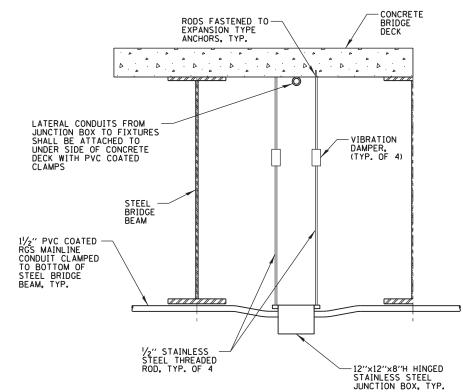


POLE HANDHOLE WIRING DIAGRAM FOR CHICAGO SINGLE ARM POLES

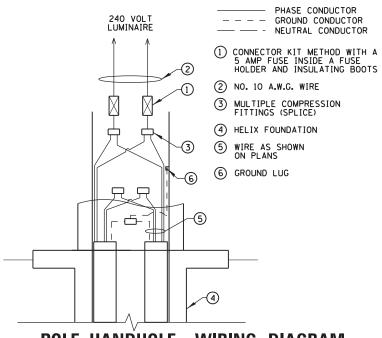


NOTES:

- JUNCTION BOX, STAINLESS STEEL THREADED RODS, VIBRATION DAMPER, ANCHORAGE, SCANNING, AND ALL RELATED FASTENERS SHALL BE INCLUDED IN THE PRICE BID FOR "JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STUCTURE, 12"x12"x8".
- 2. CONTRACTOR TO SCAN CONCRETE SLAB PRIOR TO DRILLING FOR ANCHORS.

SUSPENDED JUNCTION BOX AND CONDUIT MOUNTING DETAIL

N.T.S.



POLE HANDHOLE WIRING DIAGRAM FOR ROSEMONT SINGLE ARM POLES

TYPICAL LUMINAIRE, JUNCTION **BOX. AND CONDUIT HANGER ASSEMBLY DETAIL**

NEOPRENE CUSHION

NUT, LOCK WASHER -

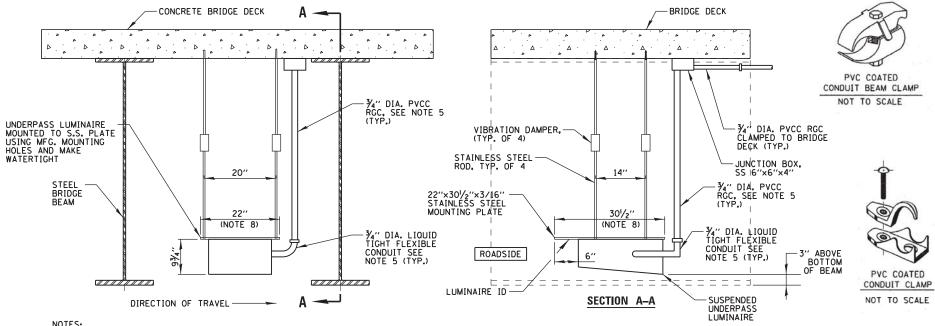
LOCKNUT, FLAT WASHER, NEOPRENE WASHER & CUPPED WASHER (SS)

BRIDGE DECK

NUT, LOCK WASHER & FLAT WASHER (SS)

-STEEL SPRING -LUMINAIRE MOUNTING TAB

-FLAT WASHER & LOCKNUT (SS) -VIBRATION DAMPER ASSEMBLY



NOTES:

- CONTRACTOR SHALL ADJUST/ORIENT FIXTURES SO AS TO KEEP AN EVEN FIXTURE SPACING. ALL FIXTURES SHALL BE AIMED PEPENDICULAR
- LUMINAIRE, STAINLESS STEEL MOUNTING PLATE, STAINLESS STEEL THREADED RODS, VIBRATION DAMPER, 6"x6"x4" JUNCTION BOX, VERTICAL CONDUIT, FLEXIBLE CONDUIT, ANCHORAGE, SCANNING, ID LABEL AND ALL RELATED HARDWARE SHALL BE INCLUDED IN THE PRICE BID FOR "UNDERPASS LUMINAIRE, SODIUM VAPOR, 70 WATT OR 400 WATT HICH PRESSURE CONTINUATION AND WATT OR 400 WATT, HIGH PRESSURE SODIUM VAPOR".
- ALL FIXTURES SHALL HAVE SALT RESISTANT COATING.
- 4. CONTRACTOR TO SCAN CONCRETE SLAB PRIOR TO DRILLING FOR ANCHORS.
- 5. LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 6'-O", TYPICAL FOR EACH INSTANCE AS SHOWN. PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED NOT TO EXCEED 6'-O" OF FLEXIBLE LIQUID TIGHT METAL CONDUIT.
- SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-0" INTERVALS FOR LATERALS AND WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTION, ALL PVC COATED CLAMPS OR BEAM CLAMPS SHALL BE INCLUDED WITH THE COST OF THE "CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA CALVANIZED STEEL BYC COATED". BAY ITEM DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
- ALL CONDUIT ATTACHED TO STRUCTURE SHALL BE PVC COATED RIGID STEEL CONDUIT (PVCC RGC).

- 8. CONTRACTOR TO COORDINATE EXACT MOUNTING PLATE SIZE WITH LUMINAIRE SELECTED.
- LUMINAIRE ID SHALL BE AS SHOWN ON POLE IDENTIFICATION FOR ROSEMONT POLE DETAIL.

NIGHT TIME UNDERPASS FIXTURES

TYPE	ALT	MANUFACTURER	MODEL NUMBER
С	1	WIDELITE	TU18S-70-F-240-TGR
С	2	LUMEC	VLM-70HPS-SYM-WMH-240-M40-CHR-GREY

DAY TIME UNDERPASS FIXTURES

TYPE	ALT	MANUFACTURER	MODEL NUMBER				
D	1	WIDELITE	TU18S-400-F-240-TGR				
D	2	LUMEC	VLM-400HPS-SYM-WMH-240-M40-CHR-GREY				

SECTION

0105 WRS&HB

COUNTY

COOK

605 329

CONTRACT NO. 60G37

UNDERPASS LUMINAIRE MOUNTING DETAIL

	CHRISTOPHER B. BURKE ENGINEERING, LTD. 9675 W. Higgins Road, Suite 600 Road-mont, Ulfridis 60018 (847) 323-0500	USER NAME = pmagnellı	DESIGNED AJD	REVISED -		LIGHTING DETAILS (3 OF 6)							
			DRAWN KWB	REVISED -	STATE OF ILLINOIS	BALMORAL UNDERPASS					330	330	
		PLOT SCALE = 100'	CHECKED AJD	REVISED -	DEPARTMENT OF TRANSPORTATION						330		
		PLOT DATE = 10/17/2012	DATE - 17/2012	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.			