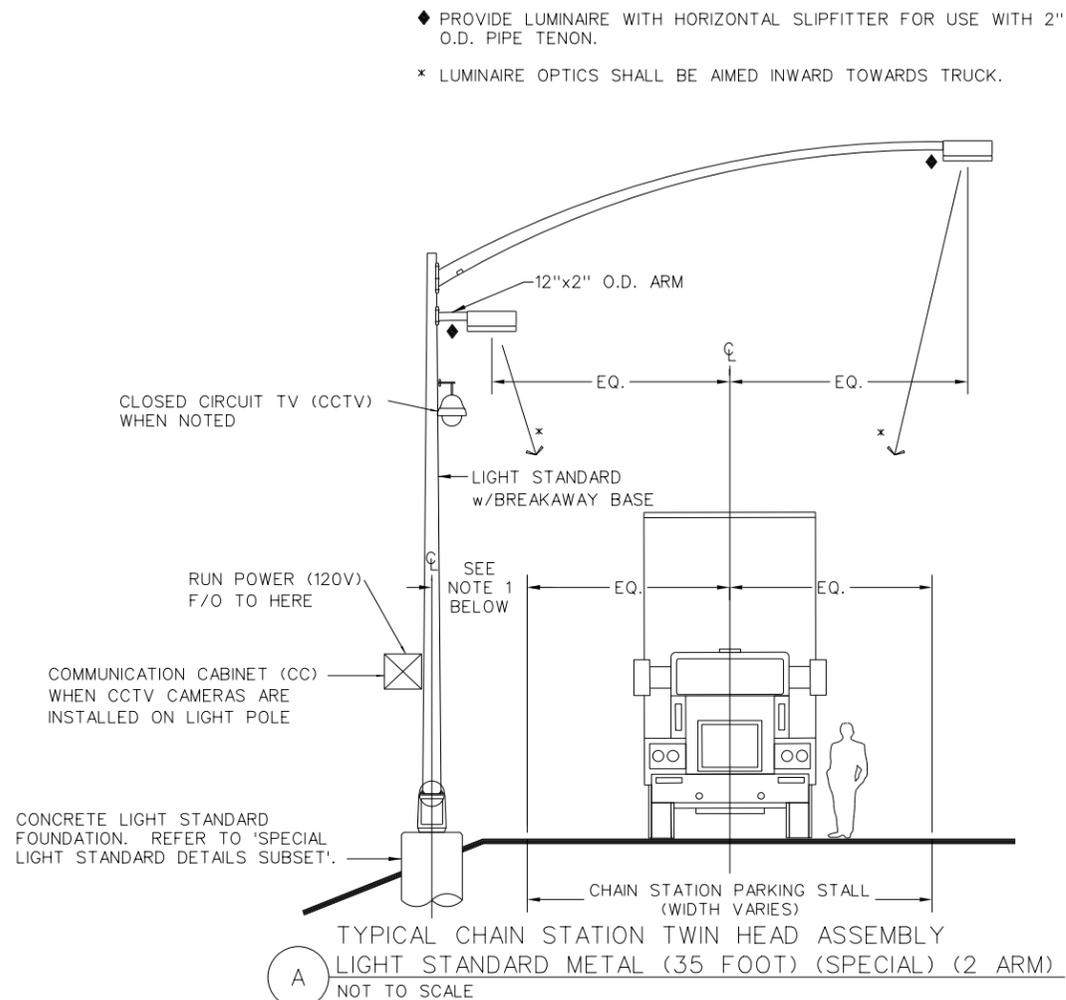


GENERAL NOTES:

1. THE CONTRACTOR SHALL ACQUIRE A STATE PERMIT FOR ALL ELECTRICAL WORK.
2. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A JOURNEYMAN ELECTRICIAN LICENSED IN THE STATE OF COLORADO.
3. ALL SPLICES IN CONDUCTORS SHALL BE MADE ONLY IN ABOVE GRADE HAND HOLES OR LCC'S UNLESS APPROVED BY THE ENGINEER.
4. ALL CONDUCTORS SHALL BE TAGGED WITH CIRCUIT DESIGNATION ON BOTH ENDS AND IN ALL HAND HOLE/PULL BOX LOCATIONS. TAGGING PROCEDURES ARE OUTLINED IN 613 SPECIAL CONDITIONS.
5. ALL COPPER WIRING SHALL BE 600V RATED.

LEGEND: (SYMBOLS AND ABBREVIATIONS)

- (1) EXISTING LIGHT STANDARD AND LUMINAIRE TO BE REMOVED.
- (1) 150W METAL HALIDE (120V), FULL CUTOFF ROADWAY LUMINAIRE INSTALLED ON A 29' POLE. SUBSCRIPT DENOTES CIRCUIT NUMBER. FOR FOUNDATION REFER TO CDOT M-STANDARD M-613-1, FOR FOUNDATION PAY ITEM REFER TO 503-DRILLED CAISSON.
- (2) 150W METAL HALIDE (120V or 277V), FULL CUTOFF ROADWAY LUMINAIRE AND A 29' POLE. ONE LUMINAIRE INSTALLED ON A 25'-0" MAST ARM AND THE OTHER INSTALLED ON 12" LONG x 2" O.D. PIPE TENON. SUBSCRIPT DENOTES CIRCUIT NUMBER. FOR FOUNDATION REFER TO 'SPECIAL LIGHT STANDARD DETAILS SUBSET', FOR FOUNDATION PAY ITEM REFER TO 503-DRILLED CAISSON.
- (1) 400W HPS (120V), FULL CUTOFF ROADWAY LUMINAIRE INSTALLED ON A 30' POLE. SUBSCRIPT DENOTES CIRCUIT NUMBER. FOR FOUNDATION REFER TO CDOT M-STANDARD M-613-1, FOR FOUNDATION PAY ITEM REFER TO 503-DRILLED CAISSON.
- 24" DEEP TRENCH, BURY ELECTRICAL RACEWAY. RACEWAY TO BE (3\*4 THWN & 1\*4 GND) IN 2" HDPE CONDUIT > 100' (OR SCHEDULE 80 PVC FOR < 100' MAY BE USED) UNLESS OTHERWISE NOTED (U.O.N.)
- NEW LIGHTING CONTROL CENTER PER CDOT STANDARD M-613-1 WITH THE EXCEPTION OF NEMA 4. SUBSCRIPT DENOTES LCC DESIGNATION. FINAL LOCATIONS ARE TO BE COORDINATED WITH ENGINEER IN FIELD.
- CIRCUIT HOMERUN OR CIRCUIT BREAK, NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS.
- CAST POLYMER CONCRETE TYPE FLUSH-TO-GRADE PULL BOX WITH TRAFFIC RATED COVER. COVER TO READ: "LIGHTING". SUBSCRIPT DENOTES PULL BOX NUMBER.
- (2) 3" HDPE (SDR 13.5) SLEEVES UNDER ROADWAY WITH PULL BOXES AT EACH END FOR CHAIN STATION LIGHTING. COVER TO READ "LIGHTING". UNLESS NOTED OTHERWISE
- APPROXIMATE LOCATION OF EXISTING UTILITY TRANSFORMER. CONTRACTOR TO FIELD VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
- TRAFFIC SIGNAL CONTROL CABINET
- COMMUNICATION CABINET SHALL BE MODEL 332 FURNISHED AND INSTALLED AT CHAIN STATION LOCATIONS AS SHOWN ON THE PLANS TO HOUSE FIELD EQUIPMENT, COMMUNICATIONS EQUIPMENT, AND FIBER OPTIC TERMINATION PANELS.
- CLOSED CIRCUIT TV



- ◆ PROVIDE LUMINAIRE WITH HORIZONTAL SLIPFITTER FOR USE WITH 2" O.D. PIPE TENON.
- \* LUMINAIRE OPTICS SHALL BE AIMED INWARD TOWARDS TRUCK.

INSTALLATION NOTES:

1. LIGHT STANDARD SETBACK WILL VARY PER SITE CONDITIONS. TWIN LUMINAIRE ON MAST ARM ARE INTENDED TO BE CENTERED OVER TRUCK PARKING LANE BELOW AND SPACED AS SHOWN ON PLANS. PARKING LANE SHALL BE DETERMINED BY STRIPING OR VERIFIED BY FIELD ENGINEER.
2. SINGLE HEAD ASSEMBLIES SHALL BE SET BACK 3'-8" FROM BACK OF GUARDRAIL OR EDGE OF ASPHALT TO THE CENTERLINE OF THE FOUNDATION.

vancetr 7:30:58 AM \\RUBLEDL10\My Documents\Drawings\17137\LightStandardDet05.dgn

Print Date: 12/30/2011	Sheet Revisions			Colorado Department of Transportation			As Constructed	LIGHTING PLAN			Project No./Code
File Name: 17137LightStandardDet05.dgn	Date:	Comments:	Init.	18500 East Colfax Avenue Aurora, CO 80011 Phone: 303-365-7330 FAX: 303-365-7350			No Revisions:	LEGEND, GENERAL NOTES & DETAIL			IM 070A-008
Horiz. Scale: NTS Vert. Scale: As Noted				Region 1			Revised:	Designer: DLR	Structure Numbers		17137
Unit Information Unit Leader Initials				CBR			Void:	Detailer: TTV			Sheet Number
								Sheet Subset: Light Stds.	Subset Sheets: 1 OF 1		