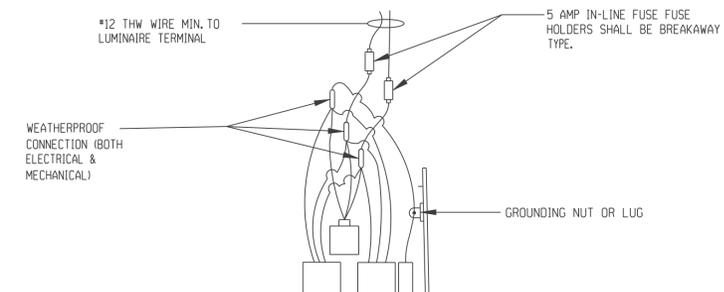
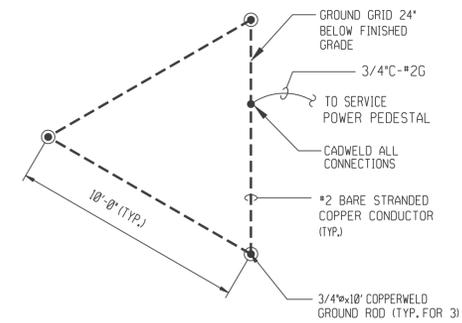


- ### GENERAL NOTES
1. ALL LAMPS SHALL BE HIGH PRESSURE SODIUM UNLESS OTHERWISE NOTED.
 2. OPERATING VOLTAGE SHALL BE 240 VOLTS.
 3. ALL BALLASTS SHALL BE REGULATOR TYPE.
 4. ALL FUSES AND FUSEHOLDERS SHALL BE IN-LINE TYPE AND WATERPROOF. PROVIDE FUSES, FUSEHOLDERS AND MOLDED BREAKAWAY PLUG & CONNECTOR ASSEMBLY FOR POWER CABLE IN THE HANDHOLE OF EACH POLE. THE FUSEHOLDERS SHALL BE BREAKAWAY TYPE.
 5. CONDUIT ACCESSORIES, SUCH AS EXPANSION JOINTS, PULLBOXES, CONDULETS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
 6. THE CONTRACTOR SHALL INSTALL A NYLON PULL CORD OR GALVANIZED PULL WIRE IN EACH EMPTY CONDUIT. THE COST OF THIS ITEM WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
 7. LIGHTING DESIGN CRITERIA FOR ROADWAY:
 - LIGHT LOSS FACTOR = 0.7
 - AVERAGE MAINTAINED ILLUMINATION FOR ROADWAY= 1.3fc
 - UNIFORMITY RATIO (AVG./MIN.) = 3:1 MAXIMUM
 - WIND SPEED = 90 M.P.H.
 8. THE LIGHTING CONTRACTOR SHALL FURNISH A ONE YEAR WRITTEN WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON THE LUMINAIRES, POLES, CONTROL PANEL AND ALL OTHER ELECTRICAL EQUIPMENT.
 9. THE CONTRACTOR SHALL BEWARE OF OVERHEAD POWER LINES AND LOCATE LIGHTING STANDARDS SUCH THAT THEY WILL HAVE TEN FEET MINIMUM CLEARANCE FROM DISTRIBUTION LINES OR 20 FEET MINIMUM CLEARANCE FROM TRANSMISSION LINES.
 10. THE CONTRACTOR SHALL PROVIDE SERVICE POWER PEDESTAL IN ACCORDANCE WITH DRAWING 25-022. THE CONTRACTOR SHALL PROVIDE GROUND GRID AT THE SERVICE POINT IN ACCORDANCE WITH DETAIL-'A', THIS SHEET. THE CONTRACTOR SHALL COORDINATE POWER SERVICE W/ GA POWER REPRESENTATIVE RICK LONG (912-547-0600).
 11. ALL CABLES MUST BE CLEARLY LABELED AT EACH JUNCTION BOX AND TERMINATION POINT. THE WIRE MARKERS SHALL BE PVC HEAT SHRINKABLE TUBULAR TYPE AND SHOW THE CIRCUIT NUMBER.
 12. ALL CONDUITS MUST BE SEALED AFTER INSTALLATION OF WIRES AND SUCCESSFUL TESTING OF THE CIRCUITS. THE SEALING COMPOUND SHALL BE OZ/GEDNEY TYPE 'DUX' OR APPROVED EQUAL.
 13. FOR ALL LIGHT POLES, A MINIMUM OF 1'-6" MUST BE MAINTAINED AT ALL TIMES FROM THE FACE OF THE CURB (OR EDGE OF PAVEMENT) TO THE OUTSIDE EDGE OF THE LIGHT POLE.
 14. ALL UNDERGROUND CONDUIT SHALL BE PVC SCH 40. CONDUIT INSTALLED UNDERNEATH ROADWAYS AND DRIVES SHALL BE BURIED IN EARTH AT A DEPTH OF NOT LESS THAN 24".
 15. CONTRACTOR SHALL ROUTE ALL CONDUIT RUNS BETWEEN EACH FIXTURE AND FROM THE LAST FIXTURE TO THE UTILITY COMPANY SERVICE LOCATION IN THE MOST DIRECT ROUTE POSSIBLE.
 16. NO CONDUIT IS TO BE RUN ON PRIVATE PROPERTY.
 17. ALL ELECTRICAL MATERIALS, SUCH AS CONDUIT, CABLES, WIRES AND JUNCTION BOXES, SHALL BE NEW U.L. LISTED AND MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, AND THE AMERICAN NATIONAL STANDARDS INSTITUTE. ELECTRICAL CONDUITS, WIRES, CIRCUIT BREAKERS, FUSES, GROUND RODS AND GROUND CONDUCTORS SHALL MEET GDOT'S STANDARD SPECIFICATIONS AND SHALL BE IN ACCORDANCE WITH GDOT'S QUALIFIED PRODUCTS LIST (QPL). REFER TO GDOT POLICY MANUAL, CHAPTER 14, SECTION 14.5.3 - ELECTRICAL MATERIALS.
 18. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY DIGGING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CLIENT.
 19. THE LIGHTING CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR
 20. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
 21. ALL CONDUIT WHICH IS RUN UNDER A ROADWAY SHALL BE INSTALLED PRIOR TO ANY NEW PAVING. NO NEW PAVING SHALL BE CUT TO INSTALL ELECTRICAL CONDUIT/EQUIPMENT. THE CONTRACTOR SHALL FOLLOW GDOT SPECIFICATION 682 - ELECTRICAL WIRE, CABLE, AND CONDUIT FOR ANY DIRECTIONAL BORE.
 22. ALL LIGHTING POLES, LUMINAIRES, JUNCTION BOXES, ELECTRICAL CONDUITS, WIRES, CIRCUIT BREAKERS, FUSES, GROUND RODS, GROUND CONDUCTORS AND LIGHTING CABINETS SHALL BE IN ACCORDANCE WITH GDOT'S QUALIFIED PRODUCTS LIST (QPL) AND STANDARD SPECIFICATIONS FOR PROJECTS RECEIVING FEDERAL FUNDING. REFER TO GDOT POLICY MANUAL, CHAPTER 14, SECTION 14.5.2. ALL SHOP DRAWINGS FOR LIGHTING STANDARDS, LUMINAIRES, CONDUIT, WIRING, LIGHTING CABINETS ETC. MUST BE SUBMITTED TO THE GDOT LIGHTING DEPARTMENT FOR REVIEW AND SIGNED APPROVAL PRIOR TO CONSTRUCTION.



REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
	OFFICE: URBAN DESIGN	
	LIGHTING PLANS	
	SR 25 CO / WEST BAY STREET	DRAWING No.
	IMPROVEMENTS	25-001

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