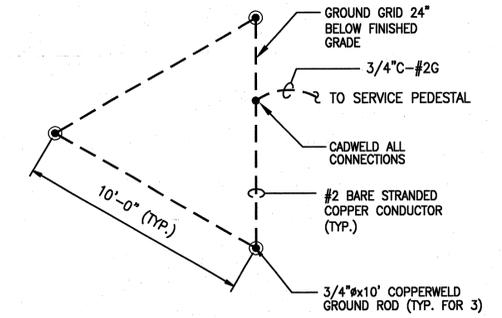
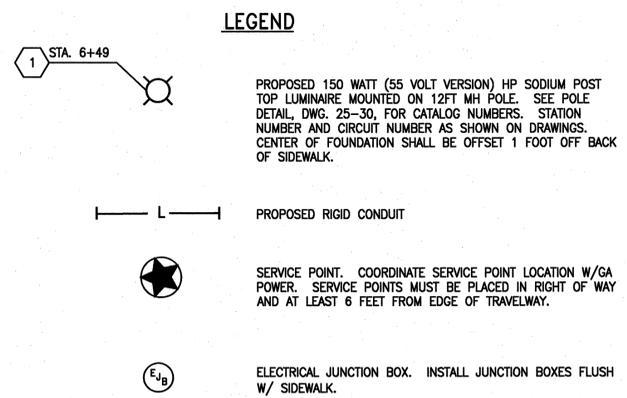
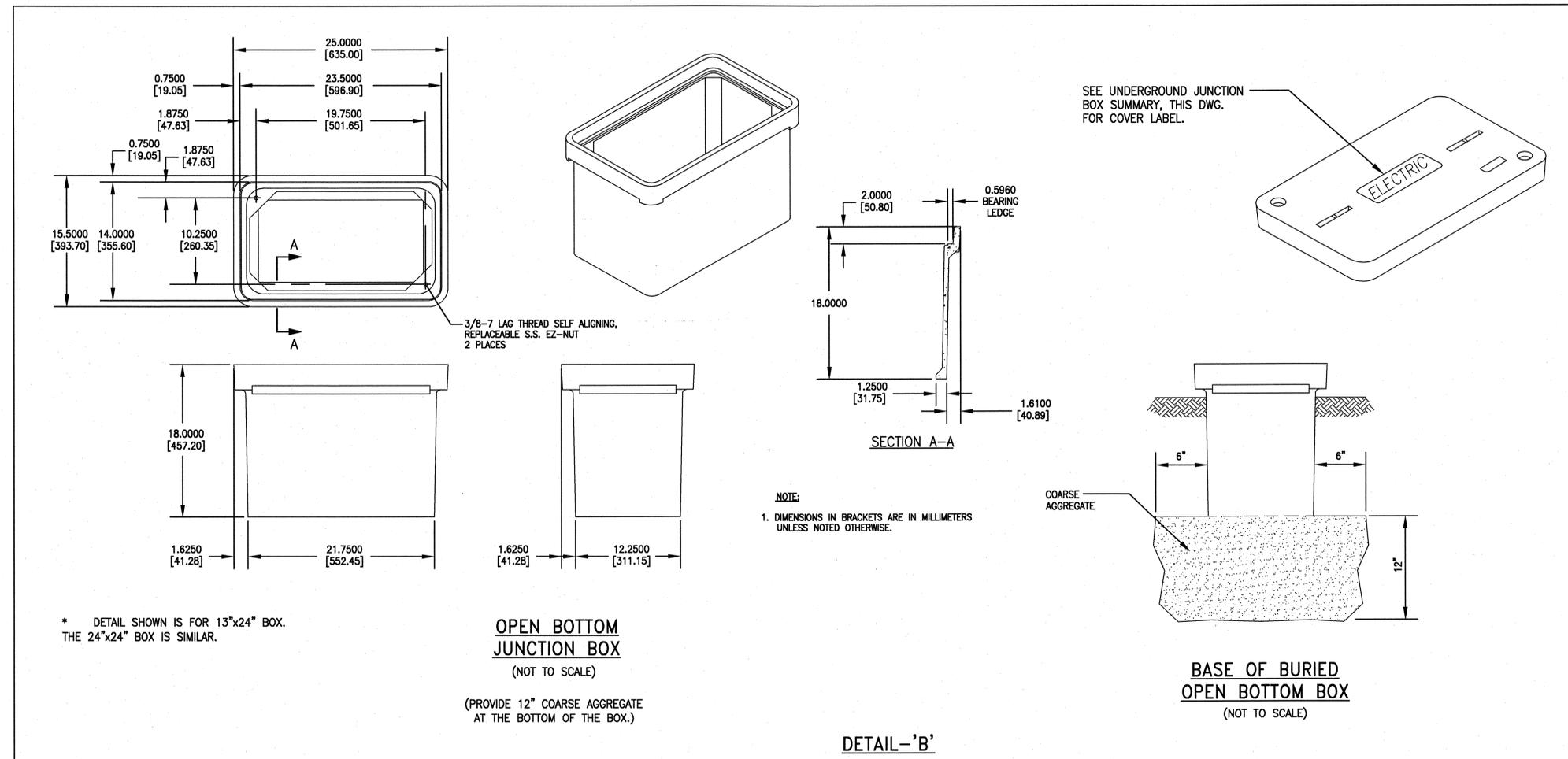


GENERAL NOTES

- ALL LAMPS SHALL BE HIGH PRESSURE SODIUM UNLESS OTHERWISE NOTED.
- OPERATING VOLTAGE SHALL BE 240 VOLTS.
- ALL BALLASTS SHALL BE REGULATOR TYPE.
- 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.
- CONDUIT ACCESSORIES, SUCH AS EXPANSION JOINTS, PULLBOXES, CONDULETS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
- 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.
- THE CONTRACTOR SHALL SUBMIT PHOTOMETRIC DATA AND DESIGN CALCULATIONS, FOR THE LUMINAIRES, TO VERIFY THE LIGHTING DESIGN CRITERIA.
LIGHTING DESIGN CRITERIA:
MAINTENANCE FACTOR = 0.7
AVERAGE MAINTAINED ILLUMINATION FOR EAST SIDEWALK = APPROX. 1.0 F.C.
UNIFORMITY RATIO (AVG./MIN.) = 4.0:1 MAXIMUM
REFERENCE IES RP-8-00, ROADWAY LIGHTING.
- THE LIGHTING CONTRACTOR SHALL FURNISH A ONE YEAR WRITTEN WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON THE LUMINAIRES.
- 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.
- 150 WATT HIGH PRESSURE SODIUM LAMPS SHALL BE THE 55 VOLT VERSION.
- 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.
- PLACEMENT OF CONDUIT & JUNCTION BOXES IS DIAGRAMMATIC ON LAYOUT DRAWINGS. CONTRACTOR MUST INSTALL ALL ELECTRICAL EQUIPMENT IN RIGHT OF WAY. DO NOT INSTALL JUNCTION BOXES IN WHEELCHAIR RAMPS.
- CONTRACTOR SHALL INCLUDE THE COST OF THE FOUNDATION ALONG WITH THE PAY ITEM FOR THE LIGHTING STANDARD.
- 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.
- EXPOSED CONDUIT SHALL BE RIGID STEEL UNLESS OTHERWISE NOTED.
- 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 LINES.
- 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.
- NO CONDUIT IS TO BE RUN ON PRIVATE PROPERTY.
- CONDUIT ACCESSORIES SUCH AS EXPANSION JOINTS, PULLBOXES, CONDULETS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
- THE CONTRACTOR SHOULD 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.
- THE CONTRACTOR SHALL SUBMIT PHOTOMETRIC DATA AND DESIGN CALCULATIONS FOR THE LUMINAIRES TO VERIFY THE LIGHTING DESIGN CRITERIA.
- THE LIGHTING CONTRACTOR SHALL FURNISH A ONE YEAR WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON THE LUMINAIRES, POLES, LIGHTING CONTROL PANEL AND ALL OTHER ELECTRICAL EQUIPMENT.
- 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 INSTALLATION SHALL CONFORM WITH THE NATIONAL ELECTRICAL CODE.
- ALL POLES SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH GDOT'S QUALIFIED PRODUCTS LIST (QPL) FOR APPROVED SUPPLIERS FOR PROJECTS RECEIVING FEDERAL FUNDING.
- ALL LUMINAIRES SUPPLIED FOR THIS PROJECT MUST MEET THE GDOT STANDARD SPECIFICATION SECTION 921-LUMINAIRES FOR PROJECTS RECEIVING FEDERAL FUNDING.



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REVISION DATES	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF ROAD DESIGN
Electrical Legend & Details
HPP00-0013-01(062) & 0010884
Buford Highway (SR13)
Sidewalk Improvements
Fulton/Dekalb County

DRAWING No.
25-01