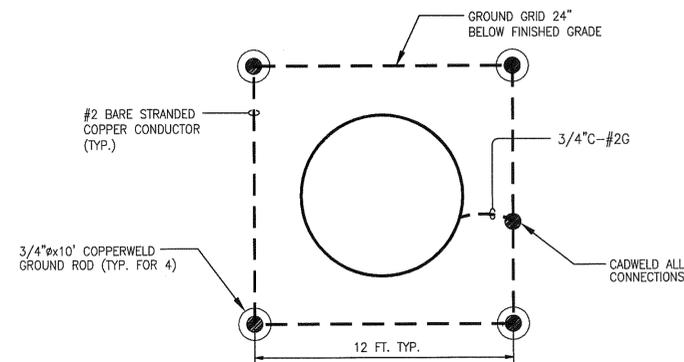
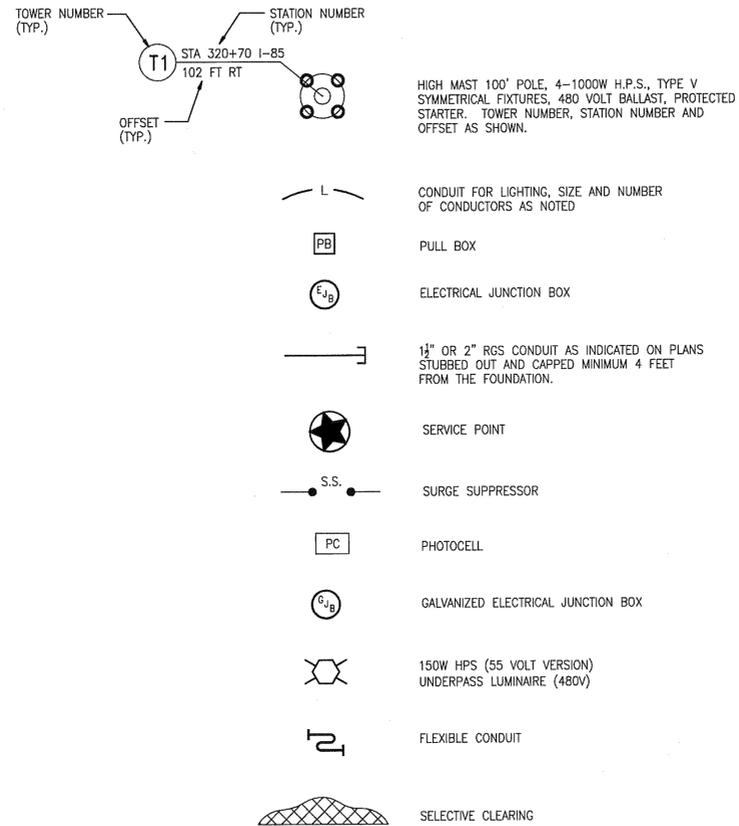
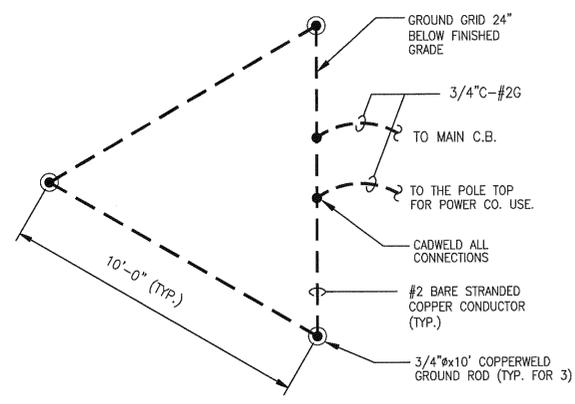


LIGHTING LEGEND



DETAIL-'A'
GROUNDING DETAIL
TOWER FOOTING

(N.T.S.)
INCLUDE COST OF GROUND GRID WITH FOUNDATION.



DETAIL-'B'
GROUNDING DETAIL
AT SERVICE POINTS

(N.T.S.)

GENERAL NOTES

- ALL LAMPS SHALL BE HIGH PRESSURE SODIUM UNLESS OTHERWISE NOTED.
 - OPERATING VOLTAGE SHALL BE 480 VOLTS FOR ALL LUMINAIRES.
 - ALL BALLASTS SHALL BE REGULATOR TYPE.
 - ALL FUSES AND FUSEHOLDERS SHALL BE IN-LINE TYPE AND WATERPROOF.
 - RIGID CONDUIT, INSTALLED ON STRUCTURES, SHALL BE SUPPORTED AT LEAST EVERY 10 FEET AND WITHIN 3 FEET OF JUNCTION BOXES, LUMINAIRES, ETC.
 - 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:
- LIGHT LOSS FACTOR = 0.7
- AVERAGE MAINTAINED ILLUMINATION FOR SR154 INTERCHANGE = 1.3 F.C.
- UNIFORMITY RATIO (AVG./MIN.) = 3:1 MAXIMUM
- AVERAGE MAINTAINED ILLUMINATION FOR COLLINSWORTH ROAD INTERCHANGE = 1.2 F.C.
- UNIFORMITY RATIO (AVG./MIN.) = 3:1 MAXIMUM
- WIND SPEED = 90 M.P.H.
- THE LIGHTING CONTRACTOR SHALL FURNISH A ONE YEAR WRITTEN WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON THE LUMINAIRES, POLES, LIGHTING CONTROL PANEL AND ALL THE OTHER ELECTRICAL EQUIPMENT.
 - THE CONTRACTOR SHALL BEWARE OF OVERHEAD POWER LINES AND LOCATE LIGHTING TOWERS SUCH THAT THEY WILL HAVE 10 FEET MINIMUM CLEARANCE FROM DISTRIBUTION LINES OR 20 FEET MINIMUM CLEARANCE FROM TRANSMISSION LINES.
 - PROVIDE PULLBOXES IN THE UNDERGROUND CONDUIT RUNS AS NECESSARY.
 - THE CONTRACTOR SHALL CLEAR ALL BRUSH IN A 20' RADIUS AROUND EACH TOWER AND REMOVE THE SPOIL FROM THE SITE.

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF ROAD DESIGN

Lighting Legend and Notes
CSNHS-0008-00(544)
I-85@SR154 & CR548/
Collinsworth Road Lighting
Coweta County

DRAWING No.
25-01