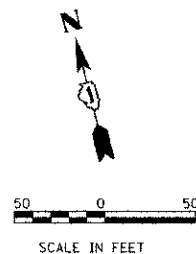


LEGEND

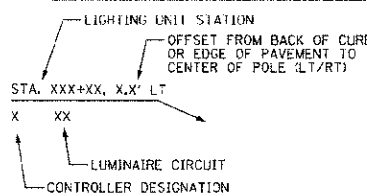
- LIGHT POLE
40 FT MOUNTING HEIGHT, 12 FT MAST ARM, 250W HPS LUMINAIRE, 240V WITH BREAKAWAY DEVICE (UNLESS OTHERWISE NOTED)
- TRAFFIC SIGNAL AND STREET LIGHTING COMBINATION POLE
40 FT MOUNTING HEIGHT, 12 FT MAST ARM, 250W HPS LUMINAIRE, 240V
- UNIT DUCT WITH 4-1/2" NO. 6 AND 1/2" NO. 8 GROUND,
600V (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE
- RIGID STEEL CONDUIT OF THE DIAMETER AND LENGTH
INDICATED ON THE DRAWINGS.
- PR LIGHTING CONTROLLER
120V/240V, 1Ø, 3-WIRE
- PR SERVICE INSTALLATION
120V/240V, 1Ø, 3-WIRE
- EXISTING LIGHTING UNIT TO REMAIN
- ⊗ REM EXISTING DECORATIVE STREET LIGHT TO BE
REMOVED AND SALVAGE (SEE NOTE 10)
- ⊗ EX LIGHTING CONTROLLER TO BE REMOVED
- ⊗ "E" EXISTING DECORATIVE STREET LIGHT
TO BE MAINTAINED
- EXISTING UNIT DUCT
- ⊗ REL EXISTING DECORATIVE STREET LIGHT
TO BE RELOCATED

GENERAL NOTES:

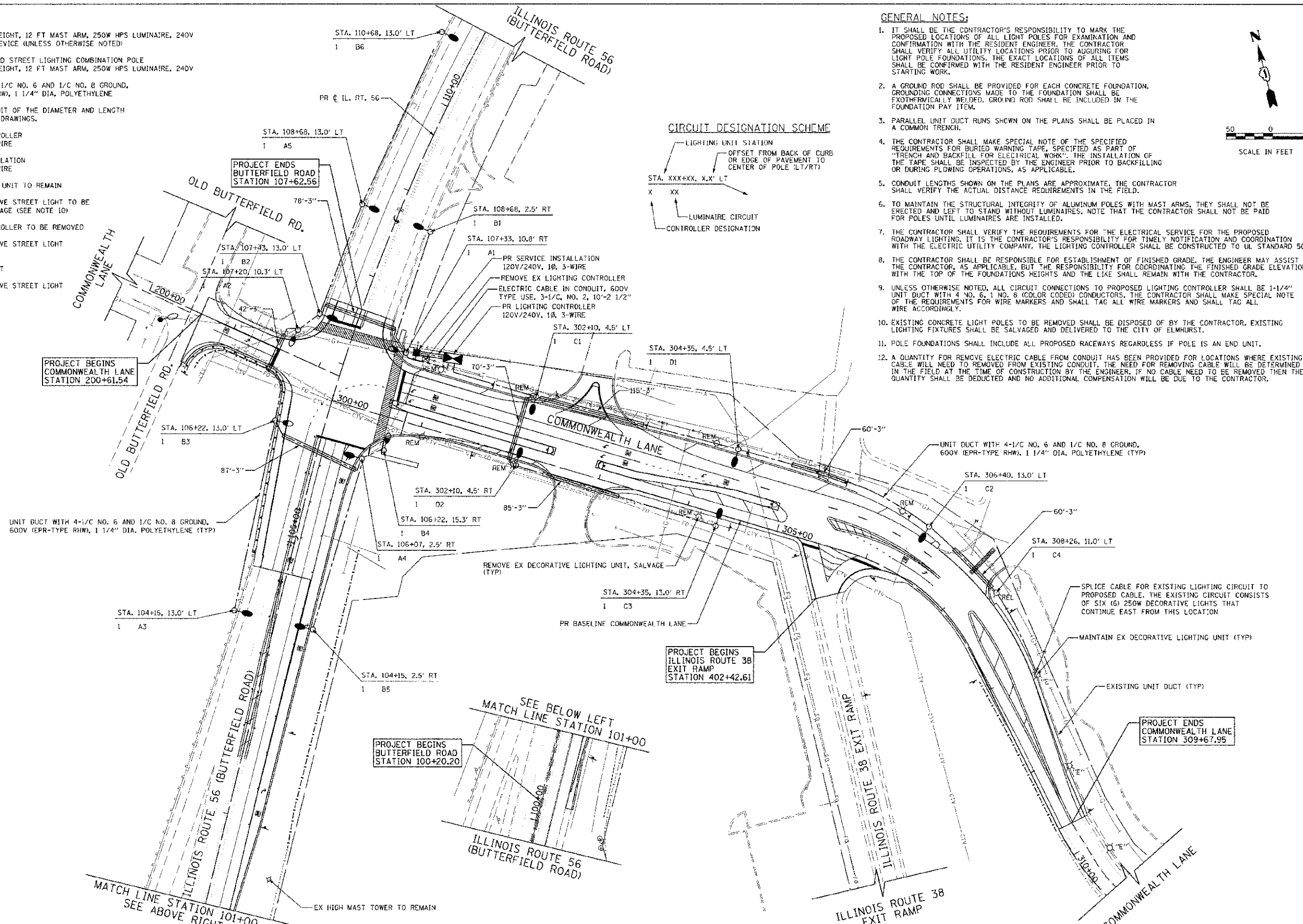
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO ADJURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
2. A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION. GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED. GROUND ROD SHALL BE INCLUDED IN THE FOUNDATION PAY ITEM.
3. PARALLEL UNIT DUCT RUNS SHOWN ON THE PLANS SHALL BE PLACED IN A COMMON TRENCH.
4. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
5. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
6. TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
7. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS FOR THE ELECTRICAL SERVICE FOR THE PROPOSED ROADWAY LIGHTING. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRIC UTILITY COMPANY. THE LIGHTING CONTROLLER SHALL BE CONSTRUCTED TO UL STANDARD 508.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATIONS HEIGHTS AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.
9. UNLESS OTHERWISE NOTED, ALL CIRCUIT CONNECTIONS TO PROPOSED LIGHTING CONTROLLER SHALL BE 1-1/4" UNIT DUCT WITH 4 NO. 6, 1 NO. 8 (COLOR CODED) CONDUCTORS. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
10. EXISTING CONCRETE LIGHT POLES TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR. EXISTING LIGHTING FIXTURES SHALL BE SALVAGED AND DELIVERED TO THE CITY OF ELMHURST.
11. POLE FOUNDATIONS SHALL INCLUDE ALL PROPOSED RACEWAYS REGARDLESS IF POLE IS AN END UNIT.
12. A QUANTITY FOR REMOVE ELECTRIC CABLE FROM CONDUIT HAS BEEN PROVIDED FOR LOCATIONS WHERE EXISTING CABLE WILL NEED TO BE REMOVED FROM EXISTING CONDUIT. THE NEED FOR REMOVING CABLE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF NO CABLE NEED TO BE REMOVED THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



CIRCUIT DESIGNATION SCHEME



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| PLANNING | |
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|--------------------|--------------------------------------|-------------------|-----------|---|--|------------------|------------------------|---------------|--------------------|---|
| TranSystems | USER NAME = kelorenz | DESIGNED = TKS | REVISED = | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BUTTERFIELD ROAD AT COMMONWEALTH LANE LIGHTING PLAN | F.A.I. RTE. 3545 | SECTION 09-00170-00-CH | COUNTY DUPAGE | TOTAL SHEETS 108 | SHEET NO. 61 |
| | FILE NAME = D:\2008-SHT-lighting.dgn | DRAWN = TKS | REVISED = | | | SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 63742 | FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT |
| | PLOT SCALE = 5/8"=20' 1/2" IN. | CHECKED = JMG | REVISED = | | | | | | | |
| | PLOT DATE = 12/4/2012 | DATE = 10/22/2012 | REVISED = | | | | | | | |