

GENERAL NOTES:

- PRIOR TO INSTALLATION ON THE NEW UNIT DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATION AND APPURTENANCES, THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLE AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. (1-800-892-0123 OR 811) TO AID IN THIS TASK.
- PRIOR TO REMOVAL OF EXISTING LIGHTING SYSTEM, CONTRACTOR MUST INSTALL TEMPORARY LIGHTING AS SHOWN ON THE PLANS FOR MAINTAINED TRAFFIC LANES. ALL TEMPORARY LIGHTING UNITS AND EXISTING LIGHTING UNITS TO BE USED FOR MOT TRAFFIC AS TEMPORARY. SHALL BE POWERED BY PROPOSED AERIAL CABLES. EXISTING LIGHT POLES TO BE USED FOR TEMPORARY SHALL BE FED UNDERGROUND EITHER THRU EXISTING FEEDS OR NEW UNDERGROUND FEEDS.
- THE CONTRACTOR MUST VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT PLANS WHICH WOULD EFFECT HIS WORK UNDER THIS CONTRACT FOR THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEM.
- NO MATERIAL OR EQUIPMENT SHALL BE DELIVERED TO THE JOB SITE WITHOUT PRIOR INSPECTION AND APPROVAL BY THE ENGINEER. ANY MATERIAL AND EQUIPMENT NOT APPROVED BY THE ENGINEER MUST BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE THE LOCATIONS OF TEMPORARY WOOD LIGHT POLES WITH THE PROPOSED POLE AND TOWER LOCATIONS SUCH THAT REMOVAL/RELOCATION OF THE TEMPORARY INSTALLATION IS NOT REQUIRED AT THE TIME OF PROPOSED POLE/TOWER INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY LIGHTING WITHIN THE PROJECT LIMITS FOR THE ENTIRE DURATION OF THE PROJECT. ANY DAMAGE INCURRED DURING CONSTRUCTION SHALL BE PROMPTLY REPAIRED SO SERVICE IS NOT DISRUPTED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.
- LOCATIONS OF WOOD LIGHT POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. EXISTING LIGHT POLES TO BE USED AS TEMPORARY SHALL BE FED UNDERGROUND.
- ALL NEW UNIT DUCT, CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE SHOWN DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD MUST MEET THE APPROVAL OF THE ENGINEER.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDER DRAINS.
- ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL UNLESS NOTED OTHERWISE.
- ALL ELECTRICAL SYSTEMS, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY GROUNDED IN STRICT CONFORMANCE WITH NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
- WHERE MULTIPLE UNIT DUCTS OR CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH UNIT DUCT OR CONDUIT BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
- ALL UNDERGROUND WIRING SHALL BE 30 INCHES MINIMUM BELOW GRADE. UNDERGROUND SPLICING OF THE CABLES IS NOT PERMITTED. ALL SPLICING SHALL BE ABOVE GRADE IN JUNCTION BOX / POLE BASE.

SYMBOL LEGEND:



HIGH MAST TOWER LUMINAIRE, 400W HPS,
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE III, MEDIUM, SEMI CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
 TOWARDS THE PAVEMENT (SPIN)
 36 36 36 36 36 36 36 36 36
 25 26 30 33 34 38 39 41 42



HIGH MAST TOWER LUMINAIRE, 400W HPS,
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE III, MEDIUM, SEMI CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE (NO SPIN)
 36
 40



HIGH MAST TOWER LUMINAIRE, 400W HPS,
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE III, MEDIUM, SEMI CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
 TOWARDS THE PAVEMENT (SPIN)
 36 36 36 36 36
 32 36 37 28 35



HIGH MAST TOWER LUMINAIRE, 400W HPS, WITH HOUSE SHIELD
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE II, MEDIUM, CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
 TOWARDS THE PAVEMENT (SPIN)
 36
 29



HIGH MAST TOWER LUMINAIRE, 400W HPS,
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE II, MEDIUM, CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
 TOWARDS THE PAVEMENT (SPIN)
 36
 31



HIGH MAST TOWER LUMINAIRE, 400W HPS, WITH HOUSE SHIELD
 100 FT MH, 4 FT MAST ARM, RING MOUNTED
 TYPE III, SHORT, CUTOFF
 ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
 TOWARDS THE PAVEMENT (SPIN)
 36
 27

ABBREVIATIONS

- RGS RIGID GALVANIZED STEEL
- PVC POLYVINYL CHLORIDE
- HDP HIGH DENSITY POLYETHYLENE
- XLP CROSS-LINKED POLYETHYLENE
- E EXISTING TO REMAIN
- R EXISTING TO REMOVE AND SALVAGED
- T TEMPORARY LIGHTING UNITS
- AR AFTER CONSTRUCTION REMOVAL
- PR PRECONSTRUCTION REMOVAL
- CKT CIRCUIT

- ROAD LIGHTING POLE MOUNTED LUMINAIRE
 400W HPS, TYPE III, MEDIUM, FULL CUTOFF
 50 FT MH, 15 FT DAVIT ARM
 CONVENTIONAL ROAD LIGHT POLE
- INTERSECTION COMBINATION POLE
- UNDERPASS LIGHTING FIXTURE
 150W HPS, CLEAR, TYPE IV, MEDIUM, NON-CUTOFF
 480V, SINGLE PHASE, MOUNTED ON PIER
- PROPOSED LIGHTING CONTROLLER.
 100A, 480V 1PH, 3 WIRE
- GROUND ROD 5/8" x 10'-0"
- PROPOSED HANDHOLE
- PROPOSED JUNCTION BOX
- PROPOSED UNIT DUCT
- PUSHED CONDUIT
 30" BELOW PAVEMENT
- PROPOSED AERIAL CABLE 2-1/C NO. 4 WITH MESSENGER WIRE
- EXISTING LIGHTING CONTROLLER
- EXISTING LIGHTING UNIT
- EXISTING UTILITY POWER POLE
- EXISTING HANDHOLE
- TEMPORARY LIGHTING UNIT, 400W HPS LUMINAIRE (HORIZONTAL MOUNT)
 60' WOOD POLE TO FURNISH 50' MOUNTING HEIGHT AND 15' MASTARM
- TEMPORARY LIGHTING UNIT, BRACKET MOUNTED TWO (2) 400W HPS LUMINAIRE
 HORIZONTAL MOUNT 30 deg TILTED, 60' WOOD POLE TO FURNISH 50' MOUNTING HEIGHT
- TEMPORARY 60' WOOD POLE FOR AERIAL CABLES SUPPORT
- TEMPORARY LIGHTING UNIT, BRACKET MOUNTED TWO (2) 400W HPS LUMINAIRE,
 60' WOOD POLE TO FURNISH 50' MOUNTING HEIGHT

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