

SCHEDULE OF QUANTITIES

ITEMS	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1576
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	240
HANDHOLE	EACH	4
UNIT DUCT, 600V, 2-1C NO.2, 2-1C NO.6, 1C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2811
UNIT DUCT, 600V, 3-1C NO.8, 1C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1300
UNIT DUCT, 600V, 3-1C NO.4, 1C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3217
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	315
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	946
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE-USE) 3-1/C NO.2	FOOT	50
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	738
AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1335
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	14
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	7
LIGHTING CONTROLLER, BASE MOUNTED, 240V, 100AMP	EACH	1
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	7
LIGHT POLE, WOOD, 40 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	3
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	3
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10
REMOVAL OF POLE FOUNDATION	EACH	12
RELOCATE EXISTING LIGHTING UNIT	EACH	3
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	3
REMOVE TEMPORARY WOOD POLE	EACH	9
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	11
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	2
TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	7
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	11
COMBINATION POLE LIGHTING CONTROLLER	EACH	4
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60
REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1
REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12
ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL	EACH	3
DECORATIVE LIGHT POLE, 30FT. M.H., 8FT. MAST ARM (SPECIAL)	EACH	21
DECORATIVE LIGHT POLE, 18FT. MH (SPECIAL)	EACH	9
DECORATIVE LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 250WATT (SPECIAL)	EACH	21
DECORATIVE LUMINAIRE, METAL HALIDE, 100WATT (SPECIAL)	EACH	9

GENERAL NOTES

- ROADWAY LIGHTING REQUIREMENTS FOR THIS PROJECT SHALL COMPLY WITH ALL IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), IDOT AND RECURRING SPECIAL PROVISIONS, CONTRACT SPECIAL PROVISIONS, AND THE AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING AND THE ANSI/IES RP-8.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND THE LIGHTING CONTROLLER FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- 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. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION. GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED IN THE PLAN DETAILS. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE 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.
- UNLESS OTHERWISE NOTED, ALL CIRCUIT CONNECTIONS TO PROPOSED LIGHTING CONTROLLER SHALL BE 2-1/C (BLACK, RED AND 2-1/C (BLUE, WHITE) CONDUCTORS, AND 1C NO. 8 (GREEN) CONDUCTOR THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "UNDERGROUND RACEWAYS". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- THE POLE SETBACK FOR THE PROPOSED LIGHTING UNITS SHALL BE 3 FEET MIN. FROM BACK-OF-CURB TO THE CENTER OF POLE, UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- A QUANTITY FOR OFFSET LIGHT POLE FOUNDATIONS HAS BEEN PROVIDED FOR LOCATIONS WHERE UTILITY OR SEWER CONFLICTS MAY PROHIBIT THE USE OF A STANDARD LIGHT POLE FOUNDATION. THE ACTUAL NEED FOR THE OFFSET FOUNDATION WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF OFFSET FOUNDATIONS ARE NOT REQUIRED THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ALL DECORATIVE LIGHTING ELEMENTS TO BE PAINTED VERDE GREEN.

LEGEND

- PR LIGHT POLE 30 FT MOUNTING HEIGHT, 8 FT MAST ARM, 250W MH LUMINAIRE STERNBERG LIGHTING, GLENVIEW SERIES, VINTAGE LIGHTING FIXTURE
- PR LIGHT POLE 18 FT MOUNTING HEIGHT, 100W MH LUMINAIRE STERNBERG LIGHTING, PEDESTRIAN FIXTURE
- PR LUMINAIRE, 250W HPS, 40 FT MOUNTING HEIGHT, CONNECTED TO COMBINATION TRAFFIC SIGNAL AND LIGHTING POLE WITH 12 FT MAST ARM
- PR LIGHTING UNIT: 47.5' M.H. ALUMINUM POLE, 15 FT. MAST ARM, 310 WATT HIGH PRESSURE SODIUM LUMINAIRE
- PR COMBINATION LIGHTING CONTROLLER
- PR ELECTRIC SERVICE BOX
- PR LIGHTING HANDHOLE
- TRAFFIC SIGNAL CONTROLLER
- PR SERVICE INSTALLATION, VOLTAGE AS INDICATED ON PLANS
- PR UNIT DUCT WITH CABLE (TYPE AND SIZE AS INDICATED ON THE PLANS)
- EXISTING LIGHTING UNIT: 47.5' M.H. ALUMINUM POLE WITH BREAKWAY, 15 FT. MAST ARM, 310 WATT HIGH PRESSURE SODIUM LUMINAIRE
- EXISTING MEDIAN MOUNTED LIGHTING UNITS
- EXISTING DECORATIVE STREET LIGHT TO REMAIN 18 FT MOUNTING HEIGHT, 175W MH LUMINAIRE
- EXISTING LIGHTING UNIT TO BE REMOVED
- EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHT LOCATION
- EXISTING COMED LIGHTING UNIT TO BE REMOVED BY OTHERS
- TEMPORARY LUMINAIRE, 250W, HPS, M-C-111 ATTACHED TO TEMP TRAFFIC SIGNAL POLE, 15' M.A., 40' MOUNTING HEIGHT
- TEMPORARY TRAFFIC SIGNAL POLE
- TEMPORARY LIGHTING UNIT, WOOD POLE, 40 FOOT, CLASS 4 WITH 15 FOOT MAST ARM
- TEMPORARY WOOD POLE, CLASS 4
- AERIAL CABLE 3-1/C NO. 6, UNLESS OTHERWISE NOTED

CIRCUIT DESIGNATION SCHEME

