

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, ANSI/IES RP-8 AND THE VILLAGE OF ELK GROVE ORDINANCE.
- 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. AT LEAST TWO (2) FULL WORKING DAYS ADVANCED NOTIFICATION SHALL BE GIVEN TO THE ENGINEER WHEN REQUESTING STAKING APPROVAL.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER AND OTHER FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE DEPARTMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS. A QUANTITY FOR EXPLORATION TRENCH, SPECIAL HAS BEEN PROVIDED IF DIRECTED BY THE ENGINEER TO VERIFY UNDERGROUND UTILITIES OR SEWER LOCATIONS.
- 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.
- 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 1-1/4" UNIT DUCT WITH 3 NO. 4, 1 NO. 6 (BLACK, RED, WHITE, AND GREEN 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.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "UNDERGROUND RAREWAYS". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS ADVISED THAT DIRECTIONAL BORING SHALL BE THE METHOD USED FOR UNIT DUCT INSTALLATION. PLACEMENT OF TOPSOIL, NUTRIENTS, SODDING, AND SUPPLEMENTAL WATERING WILL BE LIMITED TO AN AREA OF 10 FEET LONG BY 5 FEET WIDE AT EACH LIGHT POLE. WHERE PARALLEL UNIT DUCT RUNS ARE SHOWN ON THE PLANS AS A COMMON BORE, ONLY ONE DIRECTIONAL BORE LENGTH WILL BE MEASURED FOR PAYMENT. THE COST FOR DIRECTIONAL BORING SHALL BE INCLUDED IN THE COST FOR THE UNIT DUCT.
- THE POLE SETBACK FOR THE PROPOSED LIGHTING UNITS SHALL BE 4 FEET MIN. FROM BACK-OF-CURB TO THE FACE OF POLE, UNLESS OTHERWISE NOTED.
- TRAFFIC CONTROL AND PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ARROWBOARDS AND TWO (2) WEIGHTED SAND BAGS FOR EACH TYPE I OR TYPE II BARRICADE USED.
- 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.
- FOR SIDEWALK REPLACEMENT WITH DETECTABLE WARNINGS, CAST-IN-PLACE TILES BY ADA SOLUTIONS, INC., OR APPROVED EQUAL SHALL BE USED FOR THE DETECTABLE WARNING PORTION OF THE SIDEWALK. THE TILE COLORS SHALL BE DARK GREY, AS APPROVED BY THE ENGINEER.
- ALL DISTURBED AREAS CAUSED BY CONSTRUCTION ACTIVITY WITHIN THE PROJECT LIMITS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE COST FOR THE RESTORATION WORK SHALL BE INCLUDED UNDER THE APPLICABLE PAY ITEMS FOR TOPSOIL, SODDING, NUTRIENTS AND SUPPLEMENTAL WATERING. CARE IS TO BE TAKEN BY THE CONTRACTOR AS NOT TO DAMAGE ANY EXISTING SIGNS OR PAVEMENT MARKINGS WITHIN THE RIGHT-OF-WAY OF THE PROJECT LIMITS. IF THESE ITEMS ARE DAMAGED THE CONTRACTOR SHALL REPAIR OR REPLACE THEM AT NO ADDITIONAL COST TO THE DEPARTMENT.
- EXISTING LIGHTING UNITS AND FOUNDATIONS TO BE REMOVED SHALL BE OWNER SALVAGED AND RETURNED TO THE VILLAGE OF ELK GROVE VILLAGE, 600 LANDMEIER ROAD, ELK GROVE VILLAGE, IL 60007.
- THE CONTRACTOR SHALL PROVIDE THE INITIAL AND FIFTEEN (15) ADDITIONAL WATERINGS AS SPECIFIED IN ARTICLE 252.08. SUPPLEMENTAL WATERING TOTALING THREE (3) APPLICATIONS SHALL ALSO BE APPLIED ON THE SODDED AREAS AS DIRECTED BY THE ENGINEER.
- THE PROPOSED SIDEWALK SHALL BE POURED TO A MINIMUM THICKNESS OF FIVE (5) INCHES UNLESS OTHERWISE DIRECTED BY THE ENGINEER AND CONSTRUCTED ON A TWO (2) INCH CRUSHED AGGREGATE BASE, WHICH IS TO BE INCLUDED IN THE COST OF THE PROPOSED SIDEWALK.

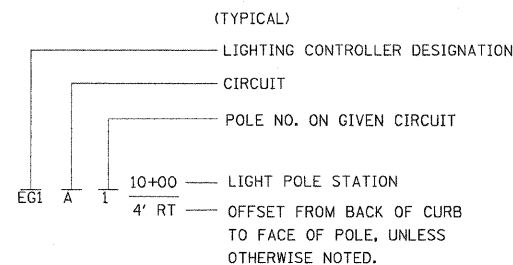
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LEGEND

- PROPOSED LIGHTING UNIT (ALONG MEACHAM ROAD, BIESTERFIELD ROAD, NERGE ROAD, AND DEVON AVENUE)
LUMINAIRE: LITHONIA (AERIS) LUMINAIRE - AS2 MODEL
250 WATT, H.P.S., SR3, 240V, 35 FT. M.H. WITH INTERNAL HOUSESIDE SHIELD
DARK BRONZE-POWDER COAT FINISH
POLE: ROUND TAPERED ALUMINUM, 8 FT DAVIT ARM, TRANSFORMER BASE
DARK BRONZE-POWDER COAT FINISH
- PROPOSED LIGHTING UNIT (ALONG ROHLWING ROAD)
LUMINAIRE: LITHONIA (AERIS) LUMINAIRE - AS2 MODEL
310 WATT, H.P.S., SR3, 240V, 35 FT. M.H. WITH INTERNAL HOUSESIDE SHIELD
DARK BRONZE-POWDER COAT FINISH
POLE: ROUND TAPERED ALUMINUM, 10 FT DAVIT ARM, TRANSFORMER BASE
DARK BRONZE-POWDER COAT FINISH
- PROPOSED LIGHTING UNIT
LUMINAIRE: SODIUM VAPOR, HORIZONTAL MOUNT, M-C III
240V, WATTAGE AS NOTED ON PLANS
POLE: ROUND TAPERED ALUMINUM, 47.5 FT MH,
15 FT MAST ARM, TRANSFORMER BASE
COLOR AND FINISH AS NOTED ON PLANS
- EXISTING RESIDENTIAL LIGHTING UNIT WITH 100W POST-TOP LUMINAIRE, 12' MH
- EXISTING LIGHTING UNIT WITH 250W LUMINAIRE, 35' MH
- UNIT DUCT, WITH 3-1/8 NO. 4 AND 1-1/8 NO. 6 GROUND, 600V (XLP-TYPE USE) 1/4" DIA. POLYETHYLENE, UNLESS OTHERWISE INDICATED.
- GALVANIZED STEEL CONDUIT OF THE LENGTH AND DIAMETER INDICATED ON THE PLANS.
- ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/8 NO. 3/0
- PROPOSED LIGHTING CONTROLLER, GROUND MOUNTED
- PROPOSED SERVICE INSTALLATION, 240/480V, 1-PH, 3 WIRE
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL POLE
- EXISTING HAND HOLE
- EXISTING TRAFFIC SIGNAL G.S. CONDUIT

CIRCUIT DESIGNATION SCHEME



STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES

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	PLDT SCALE = @SCALE@	CHECKED - SRF	REVISED -		SCALE: NTS	SHEET NO. 2 OF 21 SHEETS	STA.	TO STA.	2585	JOB NO. C-91-460-10	CONTRACT NO. 63530	
	PLDT DATE = 1/3/2012	DATE - 11/04/2011	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							