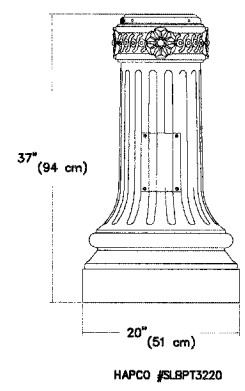


NO.	REVISION	DATE
1	ADD NOTE 2	11/20
2	1/2" DIA. REMOVED 100 GR. 308001 11/20	11/20
3	REWORK HANDHOLE WAS 5" DIA. 10" DIA. 11/20	11/20
4	FLANGE WAS 3" DIA. 3" DIA. 11/20	11/20

hapco
Abingdon, Va.

customer CUSTOMER

SCALE DATE
BY: GATE
DWG NO.



IDOT PAY ITEM #XX001136

LIGHTING NOTES

1. THE OWNER OF THE PROPOSED ROADWAY LIGHTING SYSTEM SHALL BE THE CITY OF LINCOLNWOOD.
2. 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 AT THE PRECONSTRUCTION INSPECTION. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
3. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
5. ALL LIGHT POLES SHALL BE LOCATED WITHIN THE CORRECT SET BACK IDOT REQUIREMENTS FROM THE BACK OF CURB TO THE FACE OF THE PROPOSED LIGHT POLE.
6. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
7. TO MAINTAIN THE STRUCTURAL INTEGRITY OF POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE PROPOSED LIGHT POLES WILL NOT BE CONSIDERED COMPLETE WITHOUT THE LUMINAIRES INSTALLED.
8. UNLESS OTHERWISE NOTED, ALL CONDUIT PROVIDED BY THIS CONTRACT SHALL BE RIGID GALVANIZED STEEL CONDUIT (RSC) CONFORMING TO IDOT SSRB SECTION 108.15 (a)
9. UNLESS OTHERWISE NOTED, ALL CONVENTIONAL POLES SHALL BE FRANGIBLE WITH BREAKAWAY COUPLINGS AS SPECIFIED.
10. THE CONTRACTOR SHALL MAKE NOTE OF THE SPECIAL CONTROL CABINET, AUXILIARY CABINET AND LIGHTING UNIT IDENTIFICATION REQUIREMENTS NOTED ON THE DRAWINGS.
11. ALL WIRING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. PARTICULAR ATTENTION IS DIRECTED TO THE REQUIREMENTS FOR ELECTRIC SERVICE, GROUNDING, AND OVERCURRENT PROTECTION.
12. THE ELECTRICAL SUPPLY SHALL BE A PROPERLY GROUND AC SYSTEM. DC SERIES WIRING WILL NOT BE PERMITTED.
13. THE AC SYSTEM SHALL BE PROPERLY GROUND AT THE ASSOCIATED SERVICE DISCONNECTING MEANS. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXTENDED CONTINUOUS WITH ALL CIRCUIT WIRING AND SHALL BE BONDED TO THE SYSTEM GROUND AT THE SERVICE DISCONNECTING MEANS. IT IS RECOMMENDED THAT THE EQUIPMENT GROUNDING CONDUCTOR BE INSULATED. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE AN INTEGRAL PART OF ANY MULTI-CONDUCTOR CABLE OR SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN THE SAME RACEWAY. A SEPARATE GROUNDING CONDUCTOR WILL NOT BE PERMITTED. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE SPliced AND BONDED VIA A PIGTAIL CONNECTION AT EACH POLE.
14. ALL CONDUCTORS AND EQUIPMENT SHALL HAVE PROPER OVERCURRENT PROTECTION. OVERCURRENT PROTECTION SHALL BE PROVIDED FOR EACH LUMINAIRE AND ITS ASSOCIATED BRANCH CIRCUIT EITHER BY THE USE OF INDIVIDUAL POLE BASE FUSING, FUSING WITHIN THE LUMINAIRE, OR OTHER MEANS AS APPROVED BY THE ENGINEER.
15. THE ANCHOR BOLTS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORMS.
16. EXCAVATION FOR THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24 INCHES IN DIAMETER.
17. ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, THE LATEST EDITION OF THE ILLINOIS DEPT. OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ANY APPLICABLE CODES.
18. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL LOCAL UTILITY FOR LOCATION APPROVAL.
19. LOCATION OF CONTROLLER CABINET SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER BEFORE FOUNDATION IS EXCAVATED OR POURED.
20. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN APPROVED BY THE ENGINEER.
21. CONTRACTOR TO COORDINATE ALL SERVICE CONNECTIONS WITH LOCAL UTILITY COMPANY.
22. UPON COMPLETION OF THE PERMANENT LIGHTING SYSTEMS THE CONTRACTOR SHALL SUBMIT IN WRITING A REQUEST FOR PRE-FINAL INSPECTION WITH A MINIMUM OF THREE DAYS NOTICE TO THE CITY OF LINCOLNWOOD.
23. ALL UNDERGROUND CONDUIT SHALL BE INSTALLED BY DIRECTIONAL BORING UNLESS NOTED OTHERWISE ON THE PLAN SHEETS.
24. PROVIDE EACH POLE WITH ALUMINUM BREAK AWAY COUPLINGS, IDOT PAY ITEM #83800700.

IDOT PAY ITEM #XX001136

K:\HW\06-00048-00-RS\06-00048-00-RS.dwg 11/17/2006 11:25 AM By: ggate

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REFERENCE SCALE IN INCHES

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS & NOTES

**BUSINESS DISTRICT IMPROVEMENTS
TOUHY AVE. AND CRAWFORD AVE.
SECTION # 06 - 00048 - 00 -RS**

SCALE: N.T.S.
DATE: 11-2-06

DRAWN BY: DEF
DESIGNED BY: SWW
CHECKED BY: GDB