

5/14/99

REVISIONS

12/17/2025

UTILITY RELOCATION SPECIAL PROVISIONS:

1.

PRIOR TO UTILITY INSTALLATION, THE CONTRACTOR MUST ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF CONCORD ENGINEERING STAFF, AND THE CITY OF CONCORD CONSTRUCTION INSPECTION STAFF.
2.

THE CONTRACTOR MUST ATTEND AN ON-SITE MEETING WITH THE CITY OF CONCORD PERSONNEL TO COORDINATE AND REVIEW THE BYPASS PUMPING PLAN AND EQUIPMENT. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE CITY OF CONCORD PERSONNEL WITH A DETAILED BYPASS PUMPING PLAN FOR THE PURPOSES OF RELOCATING THE EXISTING 8-INCH SEWER MAIN. THIS DETAILED BYPASS PUMPING PLAN WILL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS:

A.

TYPE/SIZE/DESIGN PARAMTERS OF PUMPS THAT WILL BE UTILIZED, INCLUDING THE SUPPLIER'S NAME AND CONTACT INFORMATION (NOTE: REDUNDANT PUMPS ARE REQUIRED); PROJECTED INITIAL FLOW AND PEAK SEWER FLOW (SEE ATTACHED BYPASS PUMP OPERATION CONTINGENCY ACTION PLAN FOR ADDITIONAL INFORMATION).

B.

GENERAL WORK PLAN HIGH LIGHTING THE DIFFERENT STEPS REQUIRED TO COMPLETE THE BYPASS PUMPING OPERATION TASK (I.E. SUCTION/ DISCHRG MANHOLE LOCATIONS, A LIST OF MATERIALS/EQUIPMENT TO BE USED, ESTIMATED NUMBER OF WORKERS AND THEIR CORRESPONDING JOB CLASSIFICATIONS, PROJECTED TIME FRAME OF OPERATION, SUMMARY OF TYPICAL ROUTINE INSPECTIONS REGARDING BYPASS PUMP SYSTEM, EMERGENCY PLAN IF NEEDED, ETC.)
3.

THE CONTRACTOR SHOULD PROVIDE THE CITY OF CONCORD PERSONNEL WITH A SEQUENCE OF CONSTRUCTION OPERATIONS AND PROJECTED TIMELINES FOR PROPOSED UTILITY WORK REQUIRED ON THE PROJECT (ELECTRIC, WATER, SEWER). THIS SEQUENCE OF OPERATIONS SHOULD INCLUDE A SUMMARY OF HOW EXISTING UTILITIES WILL BE PROTECTED DURING CONSTRUCTION OPERATIONS.
4.

THE CONTRACTOR SHALL SUBMIT THE SHOP DRAWINGS/CATALOG CUTS THAT RELATE TO PROPOSED SEWER FACILITIES THAT WILL BE OPERATE AND MAINTAIN BY THE CITY (I.E. PIPING, MANHOLES, COUPLINGS, END CONNECTIONS, ETC.) TO CITY OF CONCORD CONSTRUCTION MANAGER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
5.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND/OR ALL ASSOCIATED COSTS, FINES, FEES OR LEVIES, INCLUDING BY NOT LIMITED TO: CITY'S LABOR, EQUIPMENT, ADMINISTRATIVE COSTS, AND/OR LEGAL FEES; FINES IMPOSED BY ANY REGULATORY AGENCIES; AND/OR ANY THIRD PARTY CLAIMS WHICH MIGHT BE RESULTANT OF SANITARY SEWER OVERFLOWS AND/OR SUBSEQUENT ENVIRONMENTAL IMPACTS CAUSED BY THE CONTRACTOR DURING THE PERFORMANCE OF THE CONSTRUCTION ACTIVITIES WITHIN THIS CONTRACT.
6.

ALL EXCAVATION IS CONSIDERED UNCLASSIFIED. ANY PRELIMINARY GEOTECHNICAL INFORMATION SHOULD NOT BE CONSIDERED EXHAUSTIVE, AND THE CONTRACTOR SHOULD PERFORM ITS OWN INVESTIGATION BEFORE BIDDING THE JOB.
7.

FOR PAVEMENT REPAIR SPECIFICATIONS SHALL BE TO NCDOT MINIMUM STANDARDS OR SHALL MATCH THE EXISTING CONDITIONS, HOWEVER, THE MOST RESTRICTIVE REQUIREMENT SHALL APPLY.
8.

NO EXCAVATION SUBJECT TO VEHICULAR AND PEDESTRIAN TRAFFIC SHALL REMAIN OPEN OVERNIGHT OR UNSUPERVISED FOR ANY REASON, THE SITE AND MATERIALS MUST BE SECURE AT THE END OF EACH DAY.

GENERAL SEQUENCE:

1.

FOR EACH WATER LINE AND SEWER LINE RELOCATION, THE CONTRACTOR SHALL PROVIDE THE UTILITY OWNER WITH A DETAILED INSTALLATION, CONNECTION, AND SERVICE INTERRUPTION PLAN FOR APPROVAL AT LEAST SEVEN (7) DAYS PRIOR TO THE RELOCATION. AT A MINIMUM, EACH PLAN SHALL ADDRESS THE FOLLOWING:

A.

SEQUENCE OF CONSTRUCTION OPERATIONS.

B.

PROCEDURE FOR FLUSHING, TESTING, AND DISINFECTION OF ALL AFFECTED PIPING AND VALVES, AS REQUIRED BY THE UTILITY OWNER.

C.

PHASING AND SCHEDULE FOR ALL CONNECTIONS, INCLUDING PLANNED SERVICE OUTAGES, DURATION, AND CONTINGENCY PLAN.
2.

NO INTERRUPTION OF SERVICE WILL BE PERMITTED UNTIL THE FOREGOING PLAN HAS BEEN APPROVED BY THE UTILITY OWNER. THE UTILITY OWNER'S PERSONNEL SHALL OPERATE THE UTILITY OWNER'S EXISTING FACILITIES INVOLVED IN THE INTERRUPTIONS OF SERVICE.
3.

PLANNED SERVICE CONNECTION INTERRUPTIONS SHALL LAST NO LONGER THAN 8 HOURS UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. ALL INTERRUPTIONS OF SERVICES SHALL BE COORDINATED WITH AND SCHEDULED AT TIMES ACCEPTABLE TO THE UTILITY OWNER.
4.

WRITTEN WATER SERVICE INTERRUPTION NOTICES SHALL BE PROVIDED TO ALL AFFECTED CUSTOMERS AT LEAST 72 HOURS PRIOR TO EACH PLANNED INTERRUPTION.

Kimley»Horn

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RIGHT-OF-WAY REV.

CONST. REV.

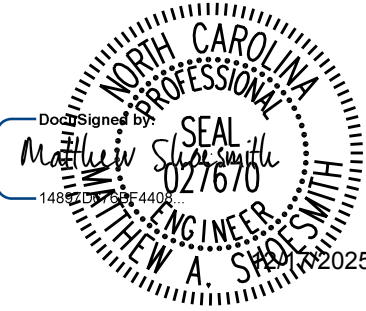
PROJECT REFERENCE NO.

U-5956

SHEET NO.

UC-03B

UTILITY DESIGN ENGINEER



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED