

# CITY OF CONCORD CONCORD, NORTH CAROLINA

## BURRAGE ROAD STREET SEGMENT PROJECT # : 8600-5811218

### CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN RECEIVED AND THAT THOSE REQUIRED TO BE DISPLAYED ON-SITE ARE AVAILABLE.
2. CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS BEFORE THE ACTUAL START OF CONSTRUCTION.
3. CONTRACTOR SHALL CONTACT CAROLINA ONE CALL AND ALL UTILITIES HAVING BURIED UTILITIES AT LEAST 72 HOURS PRIOR TO DIGGING OR AS DIRECTED AT THE PRE-CONSTRUCTION MEETING.
4. CONTRACTOR SHALL MAINTAIN TRAFFIC AND SAFETY CONTROL MEASURES AT ALL TIMES ON THE PROJECT (SEE TRAFFIC CONTROL).
5. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES (IF ANY) AT EACH POINT OF ACCESS TO STORAGE AND CONSTRUCTION AREAS.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH PLANS AND BEFORE STARTING WORK.
7. CONTRACTOR SHALL CLEAR RIGHT-OF-WAY IF NECESSARY.
8. STOPPBLE RP-RAP ON SITE AND INSTALL ALL OTHER EROSION CONTROL MEASURES WHERE THE WORK IS OCCURRING. THE CONTRACTOR SHALL NOT INSTALL EROSION CONTROL MEASURES IN AREAS WHERE THE WORK WILL NOT OCCUR FOR SOME TIME. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY/PROJECT ENGINEER OR UPON RECOMMENDATION OF NC DENR PERSONNEL AS CONDITIONS WARRANT.
9. IN AREAS WHERE IT IS NOT FEASIBLE TO INSTALL EROSION CONTROL DEVICES, ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED BY THE CONTRACTOR WITHIN THREE DAYS OF INITIAL DISTURBANCE. TEMPORARY SEEDING SHALL BE REQUIRED ON ALL OTHER AREAS TO BE DISTURBED FOR A PERIOD OF 10 DAYS OR LONGER.
10. CONTRACTOR SHALL COORDINATE ALL BLOW-OFFS AND TESTING WITH THE CITY ENGINEERING DEPARTMENT'S FIELD PERSONNEL. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE CITY ENGINEERING DEPARTMENT'S FIRE DEPARTMENT IF EXISTING SYSTEMS NEED TO BE SHUT OFF IN THE COURSE OF THE WORK.
11. UPON COMPLETION OF THE INSTALLATION AND WITH APPROVAL OF NC DENR-DNR, ALL EROSION CONTROL DEVICES SHALL BE REMOVED IN AN ACCEPTABLE MANNER. EACH SECTION SHALL BE SEED AT EARLIEST POSSIBLE DATE AFTER INSTALLATION OF PIPE, STRUCTURE, OR ACCESS.
12. ONCE GROUND COVER IS FIRMLY ESTABLISHED, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITH THE APPROVAL OF NC DENR-DNR.
13. CONTRACTOR SHALL REFERENCE SPECIAL CONDITIONS FOR JOB SEQUENCE AND OTHER DIRECTIONS, IF ANY. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITY WITH THE CITY ENGINEERING DEPARTMENT.

### GENERAL NOTES

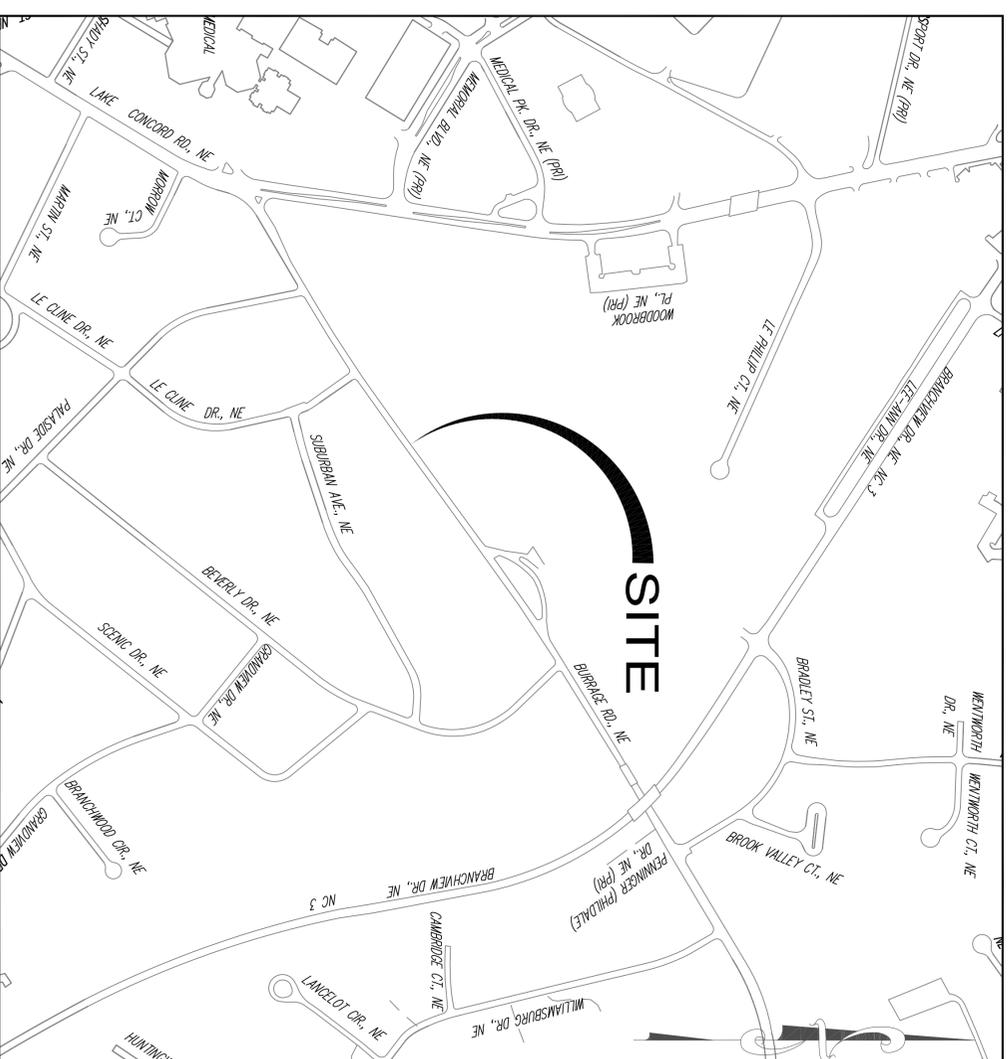
1. ALL MATERIALS, EQUIPMENT, LABOR, AND WORKMANSHIP IS TO BE IN ACCORDANCE WITH AND SUBJECT TO THE LATEST EDITION OF THE NORTH CAROLINA CONSTRUCTION CODE AND THE LATEST EDITION OF THE NORTH CAROLINA ADMINISTATIVE CODE FOR WASTEWATER COLLECTION AND WATER DISTRIBUTION SYSTEMS, IN THE EVENT OF CONFLICT BETWEEN THE WATER AND SEWER AUTHORITY OF CABARRUS COUNTY'S STANDARD SPECIFICATION, THE CITY OF CONCORD'S STANDARD SPECIFICATION, AND THE NORTH CAROLINA ADMINISTATIVE CODE. THE MORE RESTRICTIVE REQUIREMENTS SHALL APPLY.
2. ALL SEWANT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE LATEST STANDARDS OF THE NC SEWMENTATION POLLUTION CONTROL ACT AND APPLICABLE LOCAL AND FEDERAL REQUIREMENTS. THE DISTURBED AREA IS APPROXIMATELY 43,488 SQ. FT., WHICH IS LESS THAN 1 ACRE DISTURBED. AS SUCH NO EROSION CONTROL PERMIT IS REQUIRED.
3. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ADMINISTRATOR OF THE CITY OF CONCORD ENGINEERING DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK.
4. INDIVIDUAL, WATER, GAS, SEWER, TELEPHONE, AND CABLE SERVICES MAY OR MAY NOT BE SHOWN ON THE PLANS. CONTRACTOR TO CONTACT APPROPRIATE AGENCY FOR FIELD LOCATIONS.
5. CITY OF CONCORD ELECTRIC, WATER, AND SEWER DEPARTMENT PERSONNEL WILL ASSIST THE CONTRACTOR IN LOCATING ALL CITY OF CONCORD UTILITY SERVICES AND LINES.
6. IF MANHOLE RULL-OFF AREAS ARE DISTURBED, CONCRETE STABILIZERS SHALL BE PLACED WITH SUFFICIENT LENGTH TO ACCOMMODATE VEHICULAR TRAFFIC. THESE AREAS SHALL BE MAINTAINED FOR THE ONE-YEAR WARRANTY PERIOD. THE COST OF THESE ITEMS SHALL BE INCLUDED IN THE COST OF LAYING PIPE.
7. THIS PROJECT NOT SUBJECT TO 100 YEAR FLOOD.
8. FIRE HYDRANT EXTENSIONS, IF NEEDED, SHALL BE INCLUDED IN THE COST OF THE HYDRANT INSTALLATION.
9. GATE OR BUTTERFLY VALVES, BLOW-OFFS, AND FIRE HYDRANTS MAY BE FIELD ADJUSTED 50 FEET IN EITHER DIRECTION WITH THE PERMISSION OF THE ENGINEERING AND WATER RESOURCES DEPARTMENTS.

### RIGHT-OF-WAY NOTES

1. RIGHT-OF-WAY LINES AND PROPERTY LINES ARE SHOWN ON THE DESIGN DRAWINGS AND ARE FOR INFORMATION ONLY. FIELD VERIFICATION OF PROPERTY LINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR CONSULTING REGISTERED LAND SURVEYOR OR BY THE CITY SURVEYOR.
2. REFER TO STANDARDS AND SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION FOR FURTHER DETAILS CONCERNING THE RIGHT-OF-WAY.

### TRAFFIC CONTROL

1. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR ZONE TRAFFIC SAFETY AND CONTROL.
2. ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPERATIONS USED ON STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY OR INCIDENT MANAGEMENT SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS IN THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD).
3. ALL TRAFFIC SAFETY CONTROL DEVICES SHALL BE IN GOOD REPAIR AND SHALL BE POSITIONED AT ALL TIMES IN THE APPROPRIATE LOCATIONS FOR THE WORK OPERATION. THE CONTRACTOR SHALL CAREFULLY MONITOR SITE MEASURES ARE OPERATING EFFECTIVELY.
4. THE CONTRACTOR SHALL PREPARE A PROPOSAL ON THE TRAFFIC CONTROL OPERATIONS AND PRESENT THEM TO THE CITY OF CONCORD'S TRANSPORTATION DEPARTMENT DIRECTOR (JOE WILSON) @ 704-920-5362 AT LEAST 48 HOURS BEFORE BEGINNING WORK.



VICINITY MAP  
SCALE: N.T.S.

### LEGEND

	PROPOSED SEWER LINE, MANHOLE & CLEAN-OUT
	PROPOSED WATER LINE
	PROPOSED FIRE HYDRANT
	PROPOSED WATER VALVE
	PROPOSED BLOW-OFF
	SEGMENT FENCING
	DA-QLO ORANGE PERSONNEL FENCING
	PROPOSED ENCASEMENT
	EXISTING SEWER AND MANHOLE
	EXISTING SEWER FORGE MAIN
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING TELEPHONE (OVERHEAD OR UNDERGROUND)
	EXISTING ELECTRIC (OVERHEAD OR UNDERGROUND)
	PROPERTY LINE AND IRON PIN
	TEMPORARY CONSTRUCTION EASEMENT
	RIGHT OF WAY/PERMANENT EASEMENT
	WATERWAY/DITCH LINE
	EXISTING BARBED WIRE FENCE
	EXISTING WOVEN WIRE FENCE
	EXISTING CHAIN LINK FENCE
	TREE/WOODS LINE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING WELL
	EXISTING TELEPHONE/POWER RISER
	EXISTING LIGHT POLE
	EXISTING POWER POLE/GUY WIRE
	EXISTING STREET OR LOCATION SIGN
	EXISTING CONCRETE R/W MONUMENT
	BENCHMARK/TEMPORARY BENCHMARK
	EXISTING RCP OR CMP
	EXISTING MANHOLE

### DRAWING INDEX

SHEET 1	PROJECT NARRATIVE, NOTES, LEGEND, SITE MAP
SHEET 2	DESIGN - PLAN/PROFILE
SHEET 3	DESIGN - PLAN/PROFILE
SHEET 4	DESIGN - PLAN/PROFILE
SHEET 5	DESIGN - PLAN/PROFILE
SHEET 6	DESIGN - PLAN/PROFILE
SHEET 7	DESIGN - PAVEMENT MARKING
SHEET 8	DESIGN - PAVEMENT MARKING
SHEET 9	DESIGN - CROSS SECTIONS
SHEET 10	DESIGN - CROSS SECTIONS
SHEET 11	DETAILS - STORM
SHEET 12	DETAILS - STREETS
SHEET 13	DETAILS - EROSION CONTROL



PREPARED BY  
TRANSPORTATION DEPARTMENT  
CITY OF CONCORD  
P.O. BOX 208  
CONCORD, N.C. 28026  
(704) 920-5362

FOR INFORMATION ONLY

Engineer's Seal

Surveyor's Seal

REV. #	DATE	DESCRIPTION	BY























