

GENERAL CONSTRUCTION NOTES

1.

PLANT AND SANITARY SEWER ARE OWNED BY THE CITY OF ROANOKE. THE CONTRACTOR SHALL COORDINATE THE CHANGEOVER OF SEWER FACILITIES WITH THE CITY OF ROANOKE WASTEWATER TREATMENT PLANT.
2.

SYMBOLS AND ABBREVIATIONS FOR ROADWAY PLANS IN THIS CONTRACT ARE IN ACCORDANCE WITH MATTERN & CRAIG SYMBOLS & ABBREVIATIONS.
3.

THE LOCATION OF UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS INSOFAR AS THEIR EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF PREPARATION OF THE DRAWINGS. HOWEVER,, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST, OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
4.

THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES, IN ADVANCE OF THE PIPELAYING, TO ALLOW FOR ADJUSTMENTS, DUE TO CONFLICTS WITH THE UTILITIES, IN THE HORIZONTAL AND VERTICAL LOCATION OF THE PIPE LINE. MANY LOCATIONS WERE TAKEN FROM PREVIOIS CONSTRUCTION PROJECTS.
5.

SURVEY INFORMATION OBTAINED FROM AERIAL MAPPING SUPPLIED BY THE CITY OF ROANOKE, FIELD ANNOTATION BY MATTERN & CRAIG.
6.

BENCHMARKS ARE ON CITY OF ROANOKE PRIMARY CONTROL NETWORK AND ARE BASED ON USGS DATUM.
7.

SURVEY MERIDIAN BASED ON CITY OF ROANOKE PRIMARY CONTROL NETWORK.
8.

CONTRACTOR TO MAINTAIN SAFE, PASSABLE ACCESS TO ALL EXISTING FACILITIES THROUGHOUT CONSTRUCTION.
9.

EROSION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIRED. CONTRACTOR SHALL COMPLY WITH THE CITY OF ROANOKE EROSION AND SEDIMENT CONTROL ORDINANCES.
10.

THE 54" PIPE ON THE PLANS ARE DRAWN AS AWWA C302 REINFORCED CONCRETE PRESSURE PIPE AND FITTINGS. AS AN ALTERNATE TO FITTINGS, BEVELED PIPE CAN BE USED. IF PRESTRESSED CONCRETE CYLINDER PIPE OR DUCTILE IRON PIPE ARE PROVIDED, VERTICAL ACCESS RISERS SHALL BE PROVIDED BUT MAY BE LOCATED IN ADJACENT STRAIGHT PIPE SECTIONS, STILL WITH WATERTIGHT FRAMES AND COVERS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT A SPECIFIC COORDINATED ALIGNMENT FOR THE SPECIFIC FITTINGS TO BE PROVIDED TO SHOW HOW THE INDICATED ALIGNMENT WILL BE MAINTAINED.
11.

ALL INFORMATION ON EXISTING CONDITIONS IS OBTAINED FROM BEST AVAILABLE SOURCES. THE ACTUAL AS-BUILT CONSTRUCTION MAY POSSIBLY DIFFER FROM WHAT IS ASSUMED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS NOTED ON THE CONTRACT DOCUMENTS, AND SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS.
12.

THE CONTRACTOR SHALL REQUEST IN WRITING AND HIGHLIGHT ON THE SHOP DRAWINGS ANY PROPOSED CHANGES IN THE MATERIALS, DETAILS, ETC. INDICATED ON THE DRAWINGS OR SPECIFICATIONS. ANY CHANGES MUST BE APPROVED BY THE ENGINEER IN WRITING.
13.

THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

COORDINATE LIST

POINT	NORTHING	EASTING	
PI #7	3623485.8624	11071166.2912	PK NAIL + IRON PIN
PI #10	3623538.1638	11072201.0859	
TC-1	3623535.7416	11071211.2523	
TC-2	3623547.4267	11071265.7967	
TC-3	3623548.4213	11071298.0608	
TC-4	3623590.3450	11071402.0117	
TC-5	3623602.3768	11071560.3305	
TC-6	3623623.2511	11071662.1329	
TC-7	3623682.3880	11071952.2104	
TC-8	3623699.7773	11072110.8349	
TC-9	3623700.9665	11072270.0568	
TC-10	3623670.0184	11072293.8509	
TC-11	3623670.6939	11072329.3622	

CITY OF ROANOKE
CONSTRUCTION NOTES

- NOTICE:
- ALL LANDOWNERS, DEVELOPERS AND CONTRACTORS
- FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED BELOW MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS OR THE ISSUANCE OF A STOP WORK ORDER.
- CONSTRUCTION PROCEDURE REQUIREMENTS.
1.

CITY INSPECTIONS – TO INSURE THE COORDINATION OF TIMELY AND PROPER INSPECTIONS, A PRE-CONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE CONTRACTOR WITH THE CITY BUILDING INSPECTIONS DEPARTMENT. CALL (540) 981-2222 TO ARRANGE A CONFERENCE AT LEAST AT LEAST THREE (3) DAYS PRIOR TO ANTICIPATED CONSTRUCTION.
2.

NOT USED
3.

PLANS AND PERMITS – A COPY OF THE PLANS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.
4.

LOCATION OF UTILITIES – THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
5.

CONSTRUCTION ENTRANCE – THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE DETERMINED BY THE CITY PLAN INSPECTOR.
6.


STREETS TO REMAIN CLEAN – IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PLANT ROADS ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.
7.

BARRICADES/DITCHES – THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC AND PLANT PERSONNEL ARE IN PLACE.
8.

SEWER AND PAVEMENT REPLACEMENT – CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
9.

APPROVED PLANS/CONSTRUCTION CHANGES – ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.
10.

FINAL ACCEPTANCE/CITY – THE CONTRACTOR SHALL FURNISH THE CITY OF ROANOKE'S ENGINEERING DEPARTMENT WITH A FINAL CORRECT SET OF RECORD PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.



Mattern & Craig

CONSULTING ENGINEERS • SURVEYORS

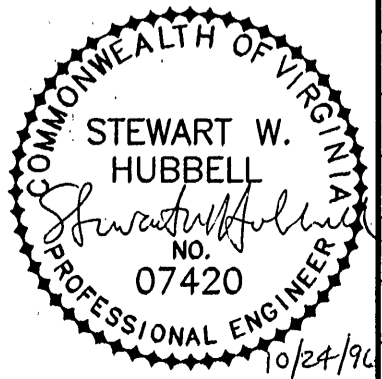
701 FIRST STREET, S.W.

ROANOKE, VIRGINIA 24016

(540) 345-9342

(540) 345-7691 FAX

DESIGNED:	ARB
DRAWN:	ARB
CHECKED:	SWH



REV.	DATE	DESCRIPTION	BY	APP.

DATE
APRIL
1996

COMM. NO.
1488

TINKER CREEK INTERCEPTOR
54" SANITARY SEWER PROJECT
CITY OF ROANOKE, VIRGINIA

CONSTRUCTION NOTES

SHEET

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1488-4