

ORANGE AVE & GUS NICKS WATER MAIN REPLACEMENT
WCIP-030
CITY OF ROANOKE, VIRGINIA

EXISTING FEATURES

EXISTING FEATURES

- | | | | |
|--|---------------------------------|--|-------------------------|
| | PROPERTY LINE | | MONUMENT FOUND |
| | CONTOUR | | BENCH (1' POST) |
| | GAS LINE | | BENCH (30' POST) |
| | OVERHEAD POWER | | + 1661.3' |
| | ELECTRICITY SERVICE AND MANHOLE | | SUBSTATION |
| | STORM LINE AND MANHOLE | | ENGRAVED TREE |
| | STORM LINE AND INLET | | SHRUB |
| | UNDERGROUND CABLE TV | | CONCRETE |
| | UNDERGROUND ELECTRIC | | WELL AND GAS |
| | UNDERGROUND ELECTRIC | | ELECTRIC BOX |
| | UNDERGROUND FIBER OPTIC | | FLAG POLE |
| | UNDERGROUND UTILITY | | ELECTRIC METER |
| | ASPHALT | | ELECTRIC LINE MANHOLE |
| | BUILDING | | 11.5' FLAG POLE |
| | FENCE (AS NOTED) | | UNDERGROUND TRANSFORMER |
| | SEWER 1/4" WALL 1/4" | | CLOCKING LIGHT |
| | TIE LINE | | FLAG POLE |
| | FLAG POLE | | FIBER OPTIC PEDESTAL |
| | MANHOLE | | FIBER OPTIC HANDLE |
| | GAS LINE | | GAS VENT |
| | GAS VENT | | GAS VALVE |
| | GAS VALVE | | GAS METER |
| | SEWER CLEAN OUT | | METAL POST |
| | WATER VALVE | | METAL POST |
| | WATER METER | | GRAVEL |
| | WELL | | BORING |
| | BENCH MARK | | TREE TO BE REMOVED |
| | BOLLARD | | |
| | FLAG FOUND | | |

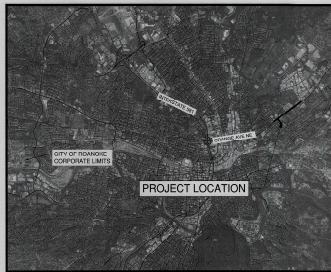
PROPOSED FEATURES

- | | |
|---|----------------------------|
| — | WATER MAIN |
| ⬇ | GATE VALVE |
| ⬆ | FIRE HYDRANT |
| ⊙ | AIR RELEASE VALVE |
| ⊙ | WATER METER |
| ▶ | REDUCER |
| — | ABANDON |
| ■ | PAVEMENT RESTORATION HATCH |



NOTE: CONTRACTOR TO CONTACT MISS UTILITY (811) IN ADVANCE OF PLANNED WORK. ADVANCE TIME PERIOD SHALL BE IN ACCORDANCE WITH CURRENT MISS UTILITY GUIDELINES (www.missutilityvirginia.com).

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VICINITY MAP
SCALE: 1" = 5000'



LOCATION MAP
SCALE: 1" = 1000'

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE REPLACEMENT OF APPROXIMATELY 5,500 LF OF 12" WATER MAIN, 200 LF OF 8" WATER MAIN, AND 160 LF OF 6" WATER MAIN ALONG ORANGE AVENUE AND GUS NICKS BOULEVARD. THE WATER MAIN REPLACEMENT INCLUDES REPLACEMENT OF ALL FIRE HYDRANTS AND RESIDENTIAL METER CONNECTIONS, RECONNECTION TO MAINS ON ALL SIDE STREETS, AND ASSOCIATED WATER APPURTENANCES.

DRAWING LIST

NO.	DWG NO.	TITLE
1	0-1	COVER
2	0-2	GENERAL NOTES
3	0-3	ESC NOTES AND LEGEND
4	0-4	METER SERVICE TABLE AND TYPICAL MAP
5	0-5	SURVEY NOTES
6	C-1	CITY SHEET
7	C-2	WATERLINE PLAN AND PROFILE (C OF G)
8	C-3	WATERLINE PLAN AND PROFILE (E OF G)
9	C-4	WATER MAIN PLAN AND PROFILE (C OF G)
10	C-5	WATERLINE PLAN AND PROFILE (E OF G)
11	C-6	WATERLINE PLAN AND PROFILE (C OF G)
12	C-7	WATERLINE PLAN AND PROFILE (E OF G)
13	D-1	ESC DETAILS
14	D-2	UTILITY DETAILS
15	T-1	TRAFFIC CONTROL, LEGEND AND DETAILS
16	T-2	TRAFFIC CONTROL, LEGEND AND DETAILS
17	T-3	TRAFFIC CONTROL, PLAN
18	T-4	TRAFFIC CONTROL, PLAN
19	T-5	TRAFFIC CONTROL, PLAN
20	T-6	TRAFFIC CONTROL, PLAN

September 22, 2023

DAA PROJECT # 507666

SITE INFORMATION

SITE ADDRESS:	ORANGE AVENUE CITY OF ROANOKE, VA
OWNER:	WWVA
CONTACT:	CONSTRUCTION MANAGER DAVID BARNHART
ADDRESS:	601 SOUTH JEFFERSON ST. SUITE 300 ROANOKE, VA 24011
EMAIL:	DAVID.BARNHART@WESTERNVALENEERING.ORG
TELEPHONE NO:	804-285-2670
ENGINEER:	DELAIR APFEL ASSOCIATES (A TRC COMPANY)
CONTACT:	WILLIAM RANDALL
ADDRESS:	100 WILMER AVE. SUITE 100 RICHMOND, VA 23227
EMAIL:	WRANDALL@TRCCOMPANIES.COM
TELEPHONE NO:	804-237-1855
FEMA FLOOD PANEL:	AREA OF MINIMAL FLOOD HAZARD (PMF-X)
SURVEY INFO:	SEE SHEET G-5
LIMITS OF DISTURBANCE:	600' OF

VESCP Approval

These plans have been reviewed and approved under WYWA ADA:
Approved By: Approved By: ADA 8104 Exp. 10/01/2005

APPROVED FOR CONSTRUCTION:

ENGINEERS REVIEW

THESE PLANS HAVE BEEN SUBJECTED TO TECHNICAL AND QUALITY REVIEWS BY:

YISEL ANDRADE PERDOMO		<i>Yisel Andrade Perdomo</i>	9/22/2023
NAME: PRINTED		SIGNATURE	DATE
PROJECT ENGINEER			
WILLIAM RANDALL		<i>William D. Randall</i>	9/22/2023
NAME: PRINTED		SIGNATURE	DATE
PROJECT MANAGER			
STEVEN GANDY		<i>Steven Gandy</i>	9/22/2023
NAME: PRINTED		SIGNATURE	DATE
QUALITY REVIEWER			

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COVER
ORANGE AVE & GUS NICKS
WATER MAIN REPLACEMENT
ROMOKE, VRG NIA

REVISIONS

DESIGNED BY:	WOFI
DRAWN BY:	YCA / YM / ASZ
CHECKED BY:	SPG
SCALE:	NO SCALE
DATE:	9/22/2003
PROJECT NUMBER:	507666
G-1	