EXISTING	NEW	DESCRIPTION
35		CONTOUR, CONTOUR WITH ELEVATION
		CONCRETE CURB
		CONCRETE CURB & GUTTER
		CONCRETE WALK OR SLAB
EP		EDGE OF PAVEMENT
		UNPAVED OR GRAVEL ROAD
		TREE LINE
		TREE OR SHRUB
		FENCE
		EDGE OF WATER
		PROPERTY LINE
R/W		RIGHT-OF-WAY LINE
		GUARD RAIL
BM		FIELD SURVEY TRAVERSE POINT
		BENCHMARK
SD		STORM DRAIN AND ENDWALL
SAN		SANITARY SEWER
GAS		GAS MAIN OR SERVICE LINE
W		WATER MAIN OR SERVICE LINE
E		ELECTRICAL LINE
		FIRE HYDRANT
WV	WV	WATER VALVE
CO		CLEANOUT
	WM	WATER METER
		WATER MANHOLE
	ARV	AIR RELEASE VALVE
S		SANITARY SEWER MANHOLE
D		STORM DRAIN MANHOLE
		DROP INLET (CURB AND GRATING TYPES)
		GUY WIRE
		POWER POLE, GUY AND ANCHOR
		LIGHT POLE
		MAILBOX
		STREET SIGN
		ABANDON OR REMOVE
		DRIVEWAY CULVERT

MATERIALS SYMBOLS

- EXISTING CONCRETE
- EXISTING GRAVEL OR STONE
- GRAVEL OR STONE PATCH
- ASPHALT PAVEMENT PATCH

EROSION AND SEDIMENT CONTROL SYMBOLS

- CIP — CULVERT INLET PROTECTION
- IP — STORM DRAIN INLET PROTECTION
- DV — DIVERSION
- ST — TEMPORARY SEDIMENT TRAP
- CE — TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
- RR — RIPRAP
- SF — SILT FENCE
- TP — TREE PROTECTION
- TS — TEMPORARY SEEDING
- PS — PERMANENT SEEDING

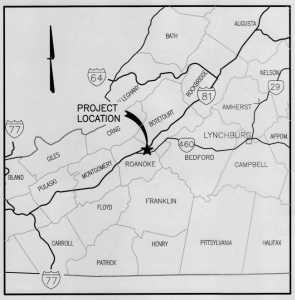
WESTERN VIRGINIA WATER AUTHORITY

WESTERN VIRGINIA WATER AUTHORITY HOLLINS TO BOTETOURT WATERLINE REPLACEMENT

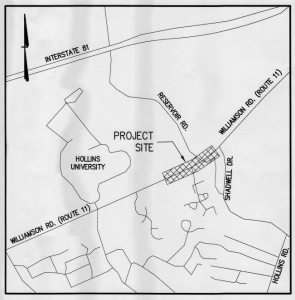
WCIP-340

ROANOKE, VIRGINIA

AUGUST 2022



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

SHEET LIST

1 TITLE SHEET
2 GENERAL NOTES & LEGEND
3 INDEX SHEET & SURVEY DATA
4 PLAN AND PROFILE – WILLIAMSON RD WATERLINE
5 PLAN AND PROFILE – WILLIAMSON RD WATERLINE
6 DETAILS
7 DETAILS
8 MAINTENANCE OF TRAFFIC
9 MAINTENANCE OF TRAFFIC
10 MAINTENANCE OF TRAFFIC
11 MAINTENANCE OF TRAFFIC
12 MAINTENANCE OF TRAFFIC
13 FIRE HYDRANT SERVICE RANGE EXHIBIT
14 EROSION AND SEDIMENT CONTROL

SITE DATA

OWNER: WVWA
CONSTRUCTION MANAGER DAVID BARNHART
601 SOUTH JEFFERSON ST – SUITE 300
ROANOKE, VA 24011
DAVID.BARNHART@WESTERNVAWATER.ORG
(540) 283-2970

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RYAN P. KINCER, P.E.
701 FIRST STREET S.W.
ROANOKE, VA 24016
RPKINCER@MATTERNANDCRAIG.COM
(540) 345-9342

FEMA FLOOD PLAIN INFO
MAP No: 51161C0156G
ZONE: A, AE, X (SHADED), X (UNSHADED)

SURVEY INFO
HORIZONTAL DATUM: NAD83/2011
(EPOCH: 2020.0212)
VERTICAL DATUM: NAVD88

LIMITS OF DISTURBANCE: 0.17ac.

WVWA Inspector As-Builts
Charles Crush
11-08-2023

VESCP Approval
These plans have been reviewed and approved under WVWA AS&S.
Approved By: Joseph W. Arthur, DCA 0104 Exp. 10/02/2023
Signature:_____ Date:_____

COMMONWEALTH OF VIRGINIA
RYAN P. KINCER
LIC. NO. 0219
10/02/2023

Revisions	Date

Issue Date: AUGUST 3, 2022
Drawn By: JAD
Designed By: JBE
Checked By: RPK
Date: 10/2/2023

Mattern & Craig
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ROANOKE, VIRGINIA 24016
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HOLLINS TO BOTETOURT WATERLINE REPLACEMENT
TITLE SHEET
ROANOKE, VIRGINIA

Vertical Scale: N/A
Horizontal Scale: N/A
Commission Number: 4230C
Sheet No.: 1

I:\4230C - Hollins to Botetourt WL Rep\03 Design\DR-04\4230C_TitleSheet.dwg, 8/3/2022 5:10:06 PM, BAD