

EXISTING	NEW	
		CONTOUR, CONTOUR WITH ELEVATION
		CONCRETE CURB
		CONCRETE CURB & GUTTER
		CONCRETE WALK OR SLAB
		EDGE OF PAVEMENT
		UNPAVED OR GRAVEL ROAD
		TREE LINE
		TREE OR SHRUB
		FENCE
		EDGE OF WATER
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		GUARD RAIL
		FIELD SURVEY TRAVERSE POINT
		BENCHMARK
		STORM DRAIN AND ENDWALL
		SANITARY SEWER
		GAS MAIN OR SERVICE LINE
		WATER MAIN OR SERVICE LINE
		ELECTRICAL LINE
		FIRE HYDRANT
		WATER VALVE
		CLEANOUT
		WATER METER
		WATER MANHOLE
		AIR RELEASE VALVE
		SANITARY SEWER MANHOLE
		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

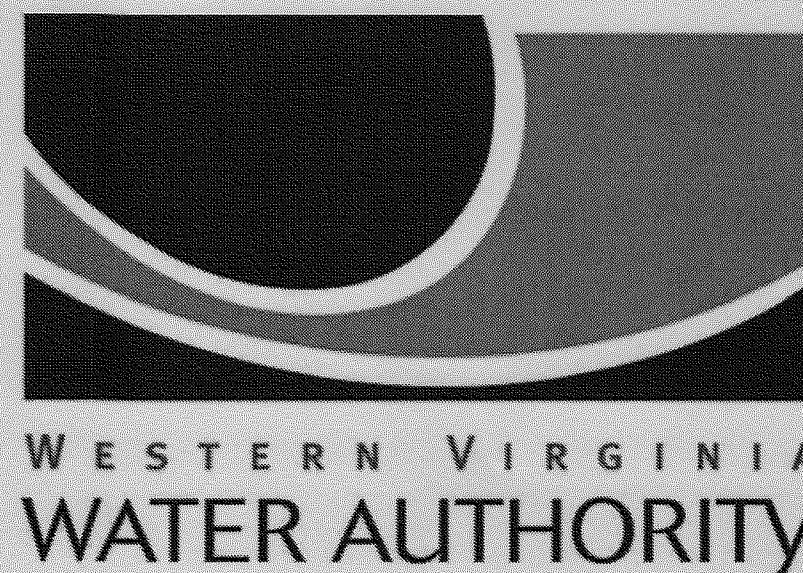
PAVEMENT RESTORATION (TEMPORARY)

PAVEMENT RESTORATION (MILL & OVERLAY)

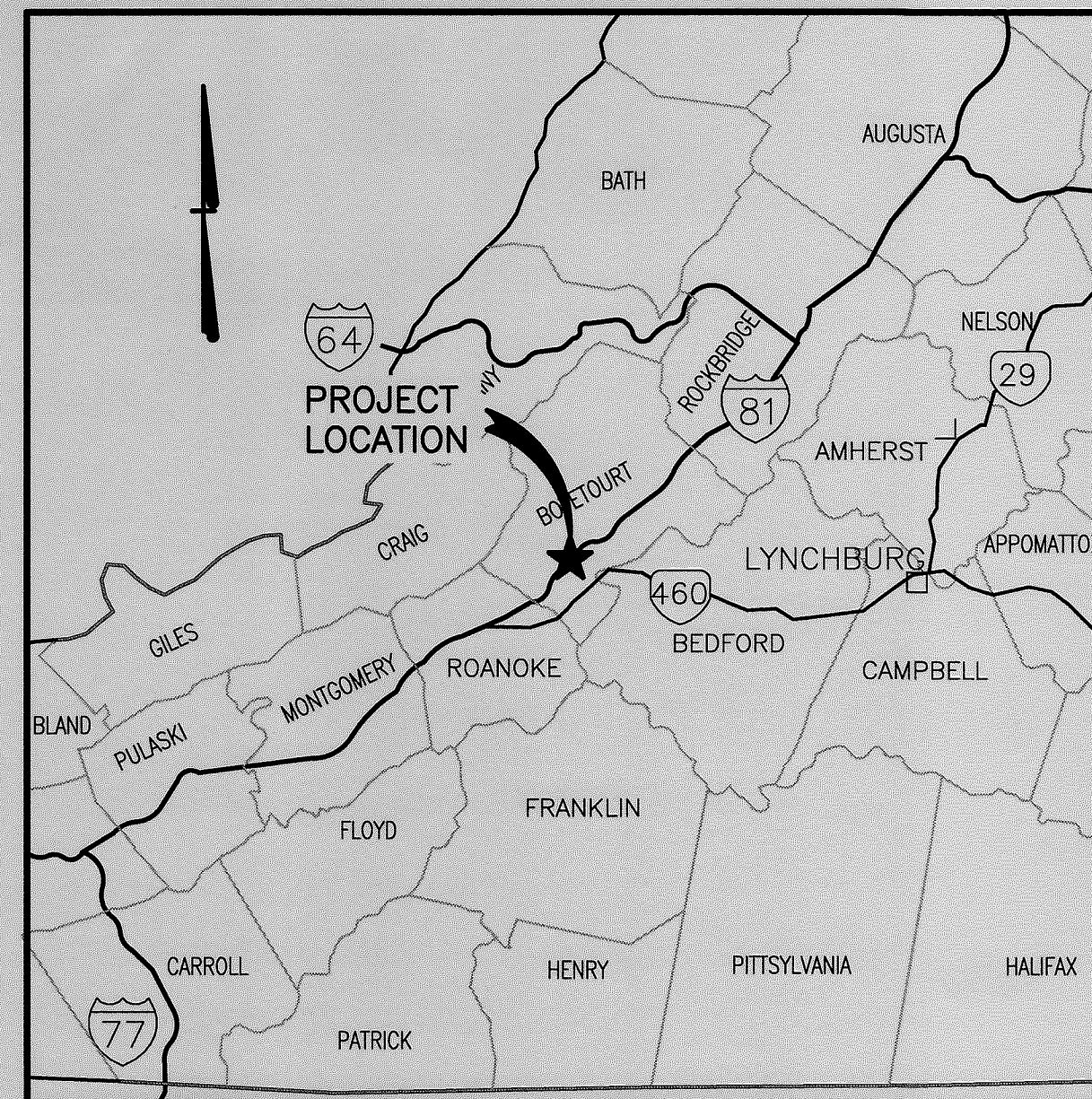
PAVEMENT RESTORATION (PRIVATE ENTRANCE)

EROSION AND SEDIMENT CONTROL SYMBOLS

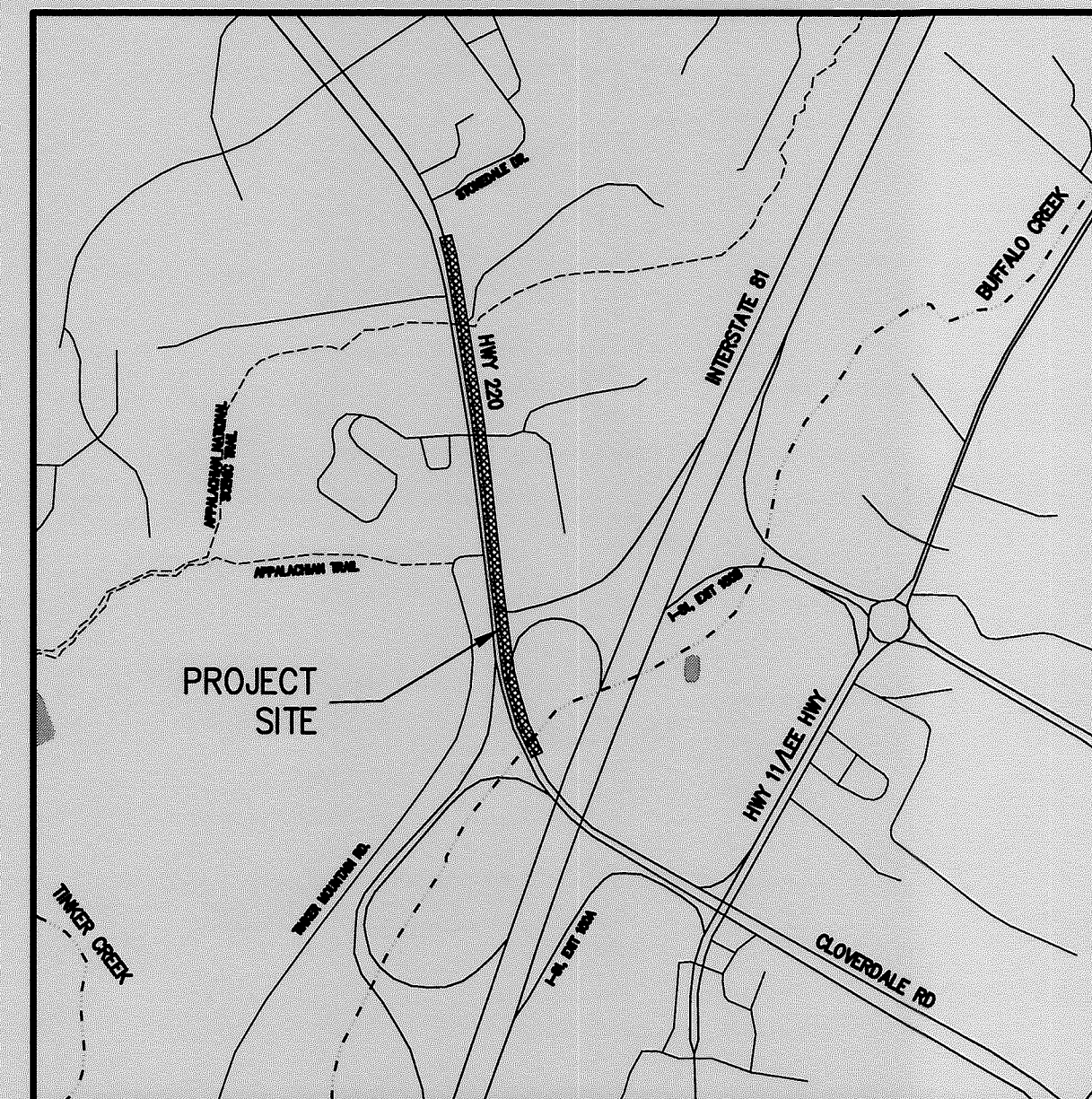
(CIP)		CULVERT INLET PROTECTION
(IP)		STORM DRAIN INLET PROTECTION
(DV)		DIVERSION
(ST)		TEMPORARY SEDIMENT TRAP
(CE)		TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
(RR)		RIPRAP
(SF)		SILT FENCE
(TP)		TREE PROTECTION
(TS)		TEMPORARY SEEDING
(PS)		PERMANENT SEEDING
(CD)		ROCK CHECK DAM



WESTERN VIRGINIA WATER AUTHORITY
EXIT 150 WATERLINE REPLACEMENT
WCIP-318
BOTETOURT COUNTY, VIRGINIA
AUGUST 2023



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

SHEET LIST

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 INDEX SHEET & SURVEY DATA
- 4 PLAN & PROFILE
- 5 PLAN & PROFILE
- 6 PLAN & PROFILE
- 7 RTE. 220 CROSSING BLOW-UP & PROFILES
- 8 DETAILS
- 9 DETAILS
- 10 EROSION & SEDIMENT CONTROL
- 11 EROSION & SEDIMENT CONTROL DETAILS
- 12 OVERALL MOT PLAN
- 13 MOT PLAN
- 14 MOT PLAN
- 15 MOT PLAN
- 16 FIRE HYDRANT SERVICE RANGE EXHIBIT

SITE DATA

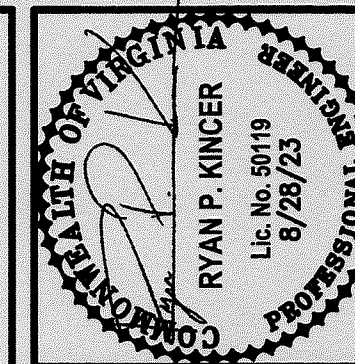
OWNER: WWA
CONSTRUCTION MANAGER DAVID BARNHART
601 SOUTH JEFFERSON ST – SUITE 300
ROANOKE, VA 24011
DAVID.BARNHART@WESTERNVAWATER.ORG
(540) 283-2970

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

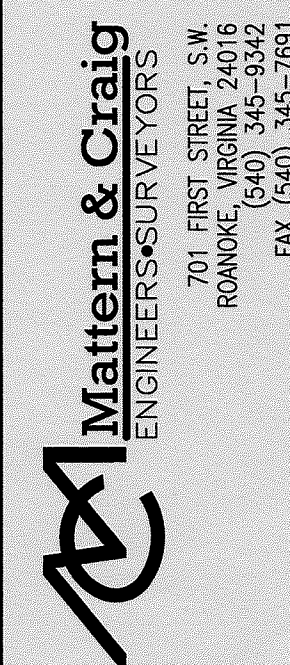
FEMA FLOOD PLAIN INFO:
MAP No – 51023C0369C
ZONE X (AREA OF MINIMAL FLOOD HAZARD)

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

LIMITS OF DISTURBANCE: 0.25 AC

[illegible]

Issue Date: AUG. 28, 2023	Drawn By: BAD	Checked By: RPK
	Designed By: RPK	



EXIT 150 WATERLINE REPLACEMENT

TITLE SHEET

BOTETOURT COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale
N/A

Commission Number:
4230A

Sheet No.:

1

WVWA INSPECTOR
AS-BUILTS
CHARLES CRUSH
5-14-2024

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: 8/28/23