

SYMBOLS

	EXISTING	PROPOSED
STORM DROP INLET		
STORM MANHOLE		
STORM HEADWALL / ENDWALL		
STORM FLARED SECTION		
SANITARY MANHOLE		
SANITARY CLEANOUT		
GRAVEL ROAD		

LEGEND

	EXISTING	PROPOSED
CONTOUR		
STORM DRAIN		
SANITARY SEWER		
WOOD FENCE		
UNDERGROUND ELECTRIC		
PROPERTY BOUNDARY		
LIMIT OF WORK/DISTURBANCE		
CHANNEL CENTERLINE		
DEMOLISH		

ABBREVIATIONS

CL = CENTERLINE	PROP = PROPOSED
ELEV = ELEVATION	CO = CLEANOUT
PUE = PUBLIC UTILITY EASEMENT	MH = MANHOLE
CONC = CONCRETE	SD = STORM DRAIN
MIN = MINIMUM	MAX = MAXIMUM
DI = DROP INLET	EXST = EXISTING
DIA = DIAMETER	EXIST = EXISTING
ROW = RIGHT OF WAY	PVMT = PAVEMENT
Ø = DIAMETER	LF = LINEAR FEET
WWA = WESTERN VIRGINIA WATER AUTHORITY	APPROX = APPROXIMATELY
VDOT = VIRGINIA DEPARTMENT OF TRANSPORTATION	SDMH = STORM DRAIN MANHOLE
DCR = VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION	LW = LIMIT OF WORK
TOW = TOP OF WALL ELEVATION	N = NORTHING
BOW = BOTTOM OF WALL ELEVATION	E = EASTING
HT = HEIGHT	PSI = POUNDS PER SQUARE INCH
L = LENGTH	PSF = POUNDS PER SQUARE FOOT
NO. = NUMBER	FT = FOOT, FEET
R = RADIUS	IN = INCH, INCHES
BP = BEGIN POINT	SAN = SANITARY SEWER
PI = INTERMEDIATE POINT	
EP = END POINT	

UTILITY NOTES:

1. AEP CONTACT: BILL ROGERS (540-985-2971)
2. ROANOKE GAS CONTACT: PETE ORR (540-777-3817)
3. WESTERN VIRGINIA WATER AUTHORITY CONTACTS:
CARL SINK (540-853-5359) FOR SANITARY SEWER/LATERAL INSTALLATIONS.
DAVID BARNHART (540-853-3272) FOR WATER
4. VERIZON CONTACT: ROBERT TERRY (540-769-7702) (CAMCOM).
5. COX CABLE CONTACT: STEVE BOWER (540-293-2683)
6. FOR CLARITY, CONCRETE CHANNEL PROFILE DOES NOT SHOW ALL SANITARY SEWER LATERAL AND OVERHEAD ELECTRICAL, CABLE, OR TELEPHONE LINES.

STORM DRAIN UTILITY NOTES:

1. SEE PROJECT MANUAL FOR STORM DRAINAGE SPECS, SECTION 2636.
- RIGHT OF WAY (ROW) NOTES:**
1. ALL WORK FOR THIS PROJECT SHALL BE PERFORMED WITHIN THE EXISTING PERMANENT DRAINAGE EASEMENT AND TEMPORARY CONSTRUCTION EASEMENT INDICATED ON DRAWING SHEET C2.

DRAINAGE EASEMENT NOTES:

1. THE CONCRETE CONCRETE CHANNEL, GRADE BREAK WALLS, AND BRIDGE SHALL BE INSTALLED WITHIN THE EXISTING 25 FEET DRAINAGE EASEMENT.
2. A VARIABLE TEMPORARY CONSTRUCTION EASEMENT SHALL BE OBTAINED FOR WORK TO BE PERFORMED ON THIS PROPERTY.

SURVEY NOTES:

1. SURVEY WAS CONDUCTED BY THE CITY OF ROANOKE ENGINEERING DEPARTMENT.
HORIZONTAL DATUM: VIRGINIA SOUTH NAD 83/93
VERTICAL DATUM: NAVD 88
2. CONTROL MONUMENTS FOR STORM DRAIN WORK WILL BE PROVIDED BY THE PROJECT MANAGER BEFORE MOBILIZATION ACTIVITIES BEGIN.

SURVEY STATIONS AND COORDINATES

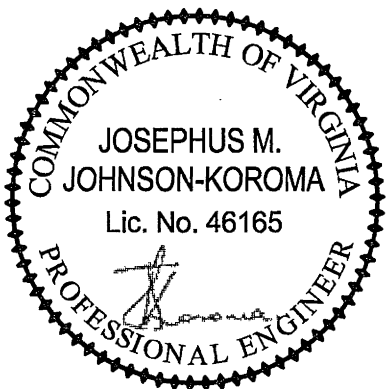
Wall	Station	Horizontal Location	
		Northing	Easting
Grade Break Wall 1	1+05.53	3,637,452.76	11,072,048.29
Grade Break Wall 2	1+42.98	3,637,432.97	11,072,080.09
Grade Break Wall 3	2+16.96	3,637,393.88	11,072,142.89
Grade Break Wall 4	4+17.75	3,637,314.19	11,072,326.25
Grade Break Wall 5	5+33.60	3,637,293.75	11,072,440.05
		Horizontal Location	
		Northing	Easting
BP: 0+00.00		3,637,484.37	11,071,949.44
PI: 0+34.08		3,637,478.43	11,071,983.00
PI: 0+68.20		3,637,472.49	11,072,016.60
PI: 1+51.09		3,637,428.69	11,072,086.97
PI: 2+27.77		3,637,388.17	11,072,152.07
PI: 3+06.41		3,637,354.06	11,072,222.92
PI: 3+75.50		3,637,324.09	11,072,285.18
PI: 4+79.14		3,637,299.80	11,072,385.94
PI: 5+44.47		3,637,292.54	11,072,450.86
EP: 6+00.00		3,637,289.56	11,072,506.30
		Horizontal Location	
Bridge Abutment A		Northing	Easting
Location 1		3,637,394.66	11,072,159.33
Location 2		3,637,389.89	11,072,169.25
		Horizontal Location	
Bridge Abutment B		Northing	Easting
Location 3		3,637,378.44	11,072,151.53
Location 4		3,637,373.67	11,072,161.44



OFFICE OF THE
CITY ENGINEER
215 CHURCH AVENUE, S.W.
ROOM 350
PHONE: (540) 853-2731
FAX: (540) 853-1364
WWW.ROANOKEVA.GOV



DESIGNED:
JJK
DRAWN:
JJK
CHECKED:
PCS



REV.	DATE:	DESCRIPTION

DATE:
05/30/13
SCALE:
AS SHOWN
24"x36" SHEET

RCIT/HERITAGE POINT EROSION REPAIR
GENERAL NOTES
CITY OF ROANOKE, VIRGINIA

APPROVED
AUG 04 2014

SHEET
C1
PLAN NO.
6743