

WESTERN VIRGINIA WATER AUTHORITY FY2011 VCWRLF COLLECTION SYSTEM PROJECTS

CONTRACT 3: LARGE REPLACEMENT PROJECTS MURDOCK CREEK WATER AND SEWER REPLACEMENT

LOAN IDENTIFICATION NO. C-515471

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ROANOKE, VIRGINIA

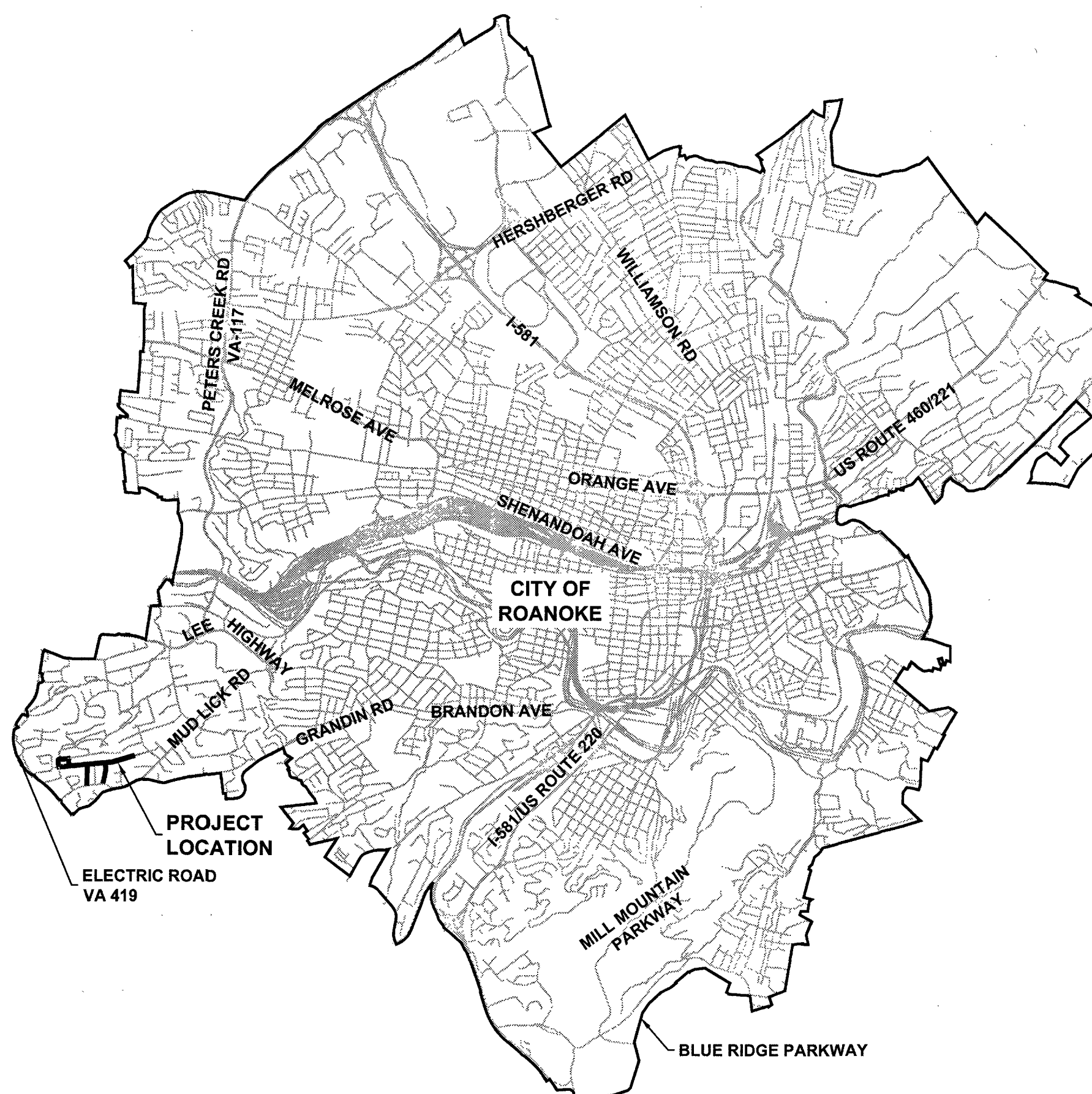
CONTACT SUMMARY

OWNER: WESTERN VIRGINIA WATER AUTHORITY
ADDRESS: 601 S. JEFFERSON ST.
SUITE 300
ROANOKE, VA 24011

CONTACT: EARL SMITH P.E.
TELEPHONE NO: 540-853-5700
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ENGINEER: DRAPER ADEN ASSOCIATES
2206 SOUTH MAIN STREET
BLACKSBURG, VIRGINIA 24060

CHA CONSULTING
1901 INNOVATION DRIVE, SUITE 2100
BLACKSBURG, VIRGINIA 24060



PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF REPLACING APPROXIMATELY 2,900 LF OF 8" WATERLINE, 2,100 LF OF 6" WATERLINE, 1,900 LF OF 4" WATERLINE AND RELATED APPURTANCES; 3,600 LF OF 12" SEWER AND 1,200 LF OF 8" SEWER WITH ASSOCIATED APPURTANCES AND MANHOLES.

APRIL 14, 2013

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B11132B-04B/05



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.missutilityofvirginia.com).

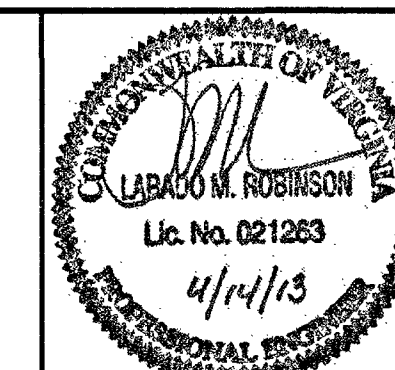
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Drawing List

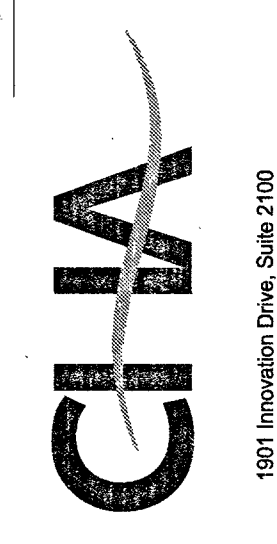
No.	Description
T-101	COVER SHEET
T-102	WATERLINE SHEET INDEX
T-103	SEWER SHEET INDEX
C-101	WATER PLAN AND PROFILE - LINE A
C-102	WATER PLAN AND PROFILE - LINE A
C-103	WATER PLAN AND PROFILE - LINE A
C-104	WATER PLAN AND PROFILE - LINE B
C-105	WATER PLAN AND PROFILE - LINE B
C-106	WATER PLAN AND PROFILE - LINE C
C-107	WATER PLAN AND PROFILE - LINE D
C-108	WATER PLAN AND PROFILE - LINE E
C-109	WATER PLAN AND PROFILE - LINE E
C-110	WATER PLAN AND PROFILE - LINE F
C-111	WATER PLAN AND PROFILE - LINE G
C-112	GATEWOOD ST SERVICE LINES & ABANDONED WATERLINE
C-113	SEWER PLAN AND PROFILE
C-114	SEWER PLAN AND PROFILE
C-115	SEWER PLAN AND PROFILE
C-116	SEWER PLAN AND PROFILE
C-117	SEWER PLAN AND PROFILE
C-118	SEWER PLAN AND PROFILE
C-119	SEWER PLAN AND PROFILE
C-120	SEWER PLAN AND PROFILE
ES-101	EROSION AND SEDIMENT CONTROL NARRATIVE AND DETAILS (SEE SPECIFICATIONS FOR TRAFFIC CONTROL PLANS)

CONSTRUCTION PROCEDURE REQUIREMENTS

- RIGHT-OF-WAY EXCAVATION PERMIT - PRIOR TO THE COMMENCEMENT OF ANY DIGGING, ALTERATION OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS), A RIGHT-OF-WAY EXCAVATION PERMIT SHALL BE APPLIED FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.
- LOCATION OF UTILITIES - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- STREETS TO REMAIN CLEAN - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.
- 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 ARE IN PLACE.
- SEWER AND PAVEMENT REPLACEMENT - CONSTRUCTION OF WATER MAINS, SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE AND THE WESTERN VIRGINIA WATER AUTHORITY.
- APPROVED PLANS/CONSTRUCTION CHANGES - ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.



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COVER SHEET
WESTERN VIRGINIA WATER AUTHORITY FY2011
VCWRLF COLLECTION SYSTEM PROJECTS
MURDOCK CREEK WATER AND SEWER REPLACEMENT
ROANOKE, VIRGINIA

REVISIONS

DESIGNED BY: LMR
DRAWN BY: BMC
CHECKED BY: LMR
SCALE: NO SCALE
DATE: 04/14/13
PROJECT NUMBER: B11132B-04B/05
T-101

As-Builts Murdock Creek