

RORER AVENUE WATERLINE REPLACEMENTS

SITE SUMMARY

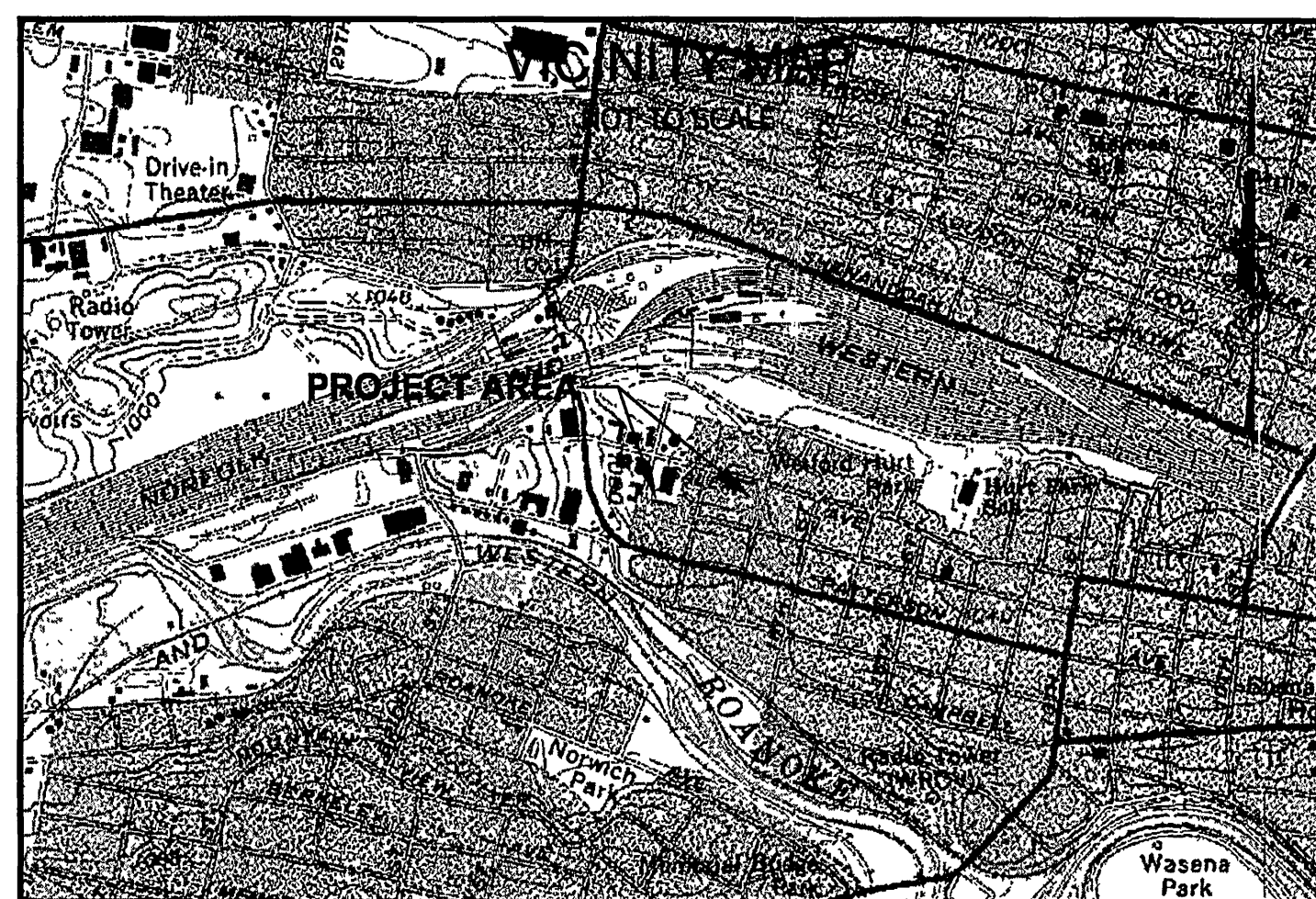
OWNER: WESTERN VIRGINIA WATER AUTHORITY
 ADDRESS: 601 S. JEFFERSON ST.
 SUITE 300
 ROANOKE, VA 24011

CONTACT: EARL SMITH
 TELEPHONE NO: 540-853-5792
 FAX NO: 540-853-1017

ENGINEER: DRAPER ADEN ASSOCIATES
 2206 SOUTH MAIN STREET
 BLACKSBURG, VIRGINIA 24060

LOCATION: CITY OF ROANOKE

CITY OF ROANOKE, VIRGINIA

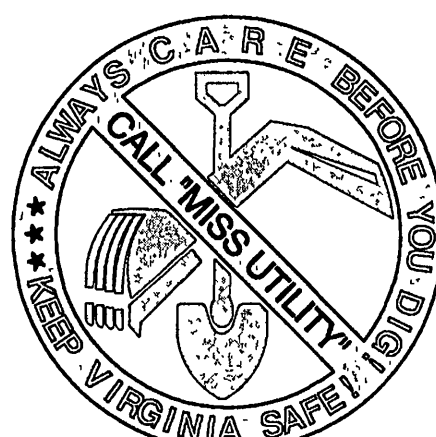


PROJECT DESCRIPTION

THIS PROJECT INCLUDES APPROXIMATELY 950 LF OF 6-INCH WATER MAIN.

JULY 29, 2009

DAA PROJECT #B09134B-03



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).

These documents, including drawings and specifications, were prepared by Draper Aden Associates, Consulting Engineers, pursuant to a contract by and between Draper Aden Associates and Western Virginia Water Authority with respect to the project described in said contract. Any reuse or modification of said documents (whether hard copy or electronic) without written verification or adaptation by Draper Aden Associates for the specific purpose intended will be at the sole risk of the individual or entity utilizing said documents, drawings and specifications and such use is without the authorization of Draper Aden Associates. Draper Aden Associates, Consulting Engineers, shall have no legal liability resulting from any and all claims, damages, losses, and expenses, including attorney's fees arising out of the unauthorized use of these documents, drawings, specifications, reports, and studies prepared as a result of the aforesaid contract.

NO.	DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
T-3	EROSION & SEDIMENT CONTROL NOTES & DETAILS
U-1	PLAN AND PROFILE
U-2	PLAN AND PROFILE
D-1	DETAILS
D-2	DETAILS

DRAWING LIST

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.
- LAND DISTURBANCE PERMIT - AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT.
- PLANS AND PERMITS - A COPY OF THE PLANS AS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.
- LOCATION OF UTILITIES - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- CONSTRUCTION ENTRANCE - THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS.
- 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 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.
- FINAL ACCEPTANCE/CITY - THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.

CITY OF ROANOKE REVIEW

City of Roanoke
 Planning Building and Development

DEVELOPMENT PLAN APPROVED

Agent, Planning Commission *[Signature]* Date 10/15/09
 Development Engineer *[Signature]* Date 10/14/09
 Zoning Administrator *[Signature]* Date 10/15/09

Any changes to this approved plan must be coordinated with the Agent to the Planning Commission and revisions approved prior to construction

WWVA REVIEW

"APPROVED FOR CONSTRUCTION"

GARY L. ROBERTSON
 EXECUTIVE DIRECTOR FOR WATER OPERATIONS
 WESTERN VIRGINIA WATER AUTHORITY

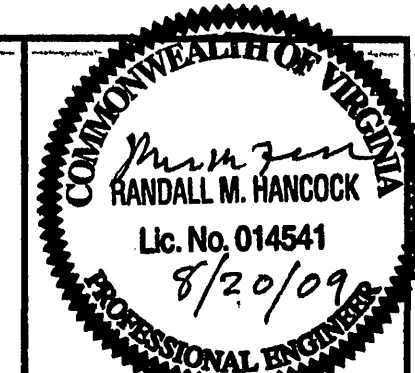
DRAPER ADEN ASSOCIATES REVIEW

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

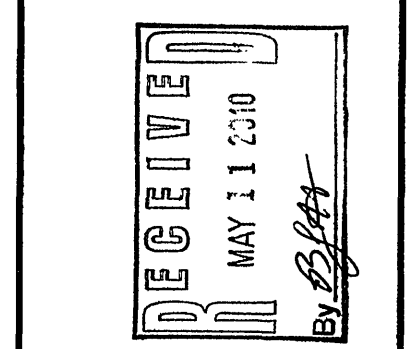
GREGORY BRAZEAU *[Signature]* 8/20/09
 NAME: PRINTED SIGNATURE DATE
 PROJECT DESIGNER

RANDALL M. HANCOCK *[Signature]* 8/20/09
 NAME: PRINTED SIGNATURE DATE
 PROJECT MANAGER

TIM O. MOORE *[Signature]* 8/20/09
 NAME: PRINTED SIGNATURE DATE
 QUALITY REVIEWER



Draper Aden Associates
 Engineering • Surveying • Environmental Services
 Blacksburg, VA
 2206 South Main Street
 Blacksburg, VA 24060
 540-552-4444 Fax: 540-552-4291
 www.daa.com



TITLE SHEET
 RORER AVENUE WATERLINE
 REPLACEMENTS
 CITY OF ROANOKE, VIRGINIA

REVISIONS

APPROVED
 OCT 15 2009

DESIGNED BY RMH
 DRAWN BY GAB
 CHECKED BY TOM
 SCALE NO SCALE
 DATE July 29, 2009
 PROJECT NUMBER B09134B-03
 T-1

CP090045

As-Built 3.8.10 K. Winslow