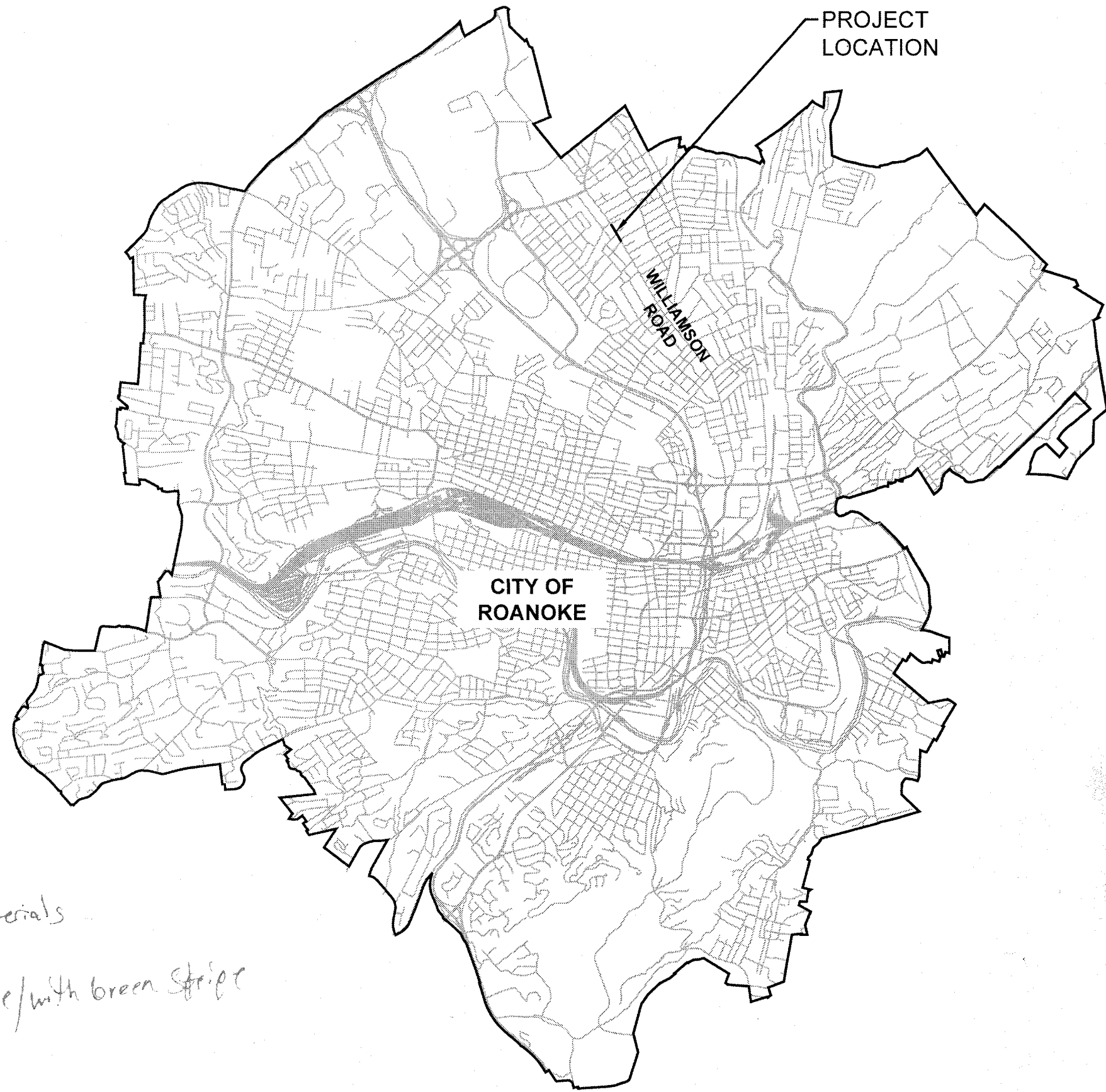




LOCATION MAP
SCALE: 1"=500'



VICINITY MAP
1" = 5000'

Sewer Main Materials
12" HDPE Flying "J"
SDR17 DIP5 pipe with green strip

Laterals
Inserta Tees 4" SDR 26 National

Manholes
Were NOT Replaced / All Were Rehabbed Using Epoxy Coatings New Frame & Lids Installed
MH13-3595 NOT Rehabbed - New Inside Drop with 12" sch 40 pipe.

WESTERN VIRGINIA WATER AUTHORITY

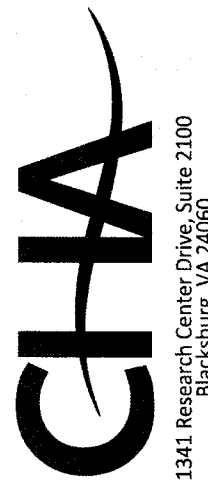
WILLIAMSON ROAD SANITARY SEWER REPLACEMENT

PREPARED FOR:
WESTERN VIRGINIA WATER AUTHORITY
601 SOUTH JEFFERSON STREET
ROANOKE, VA 24011
TELEPHONE: 540-853-5700
FAX: 540-283-8212

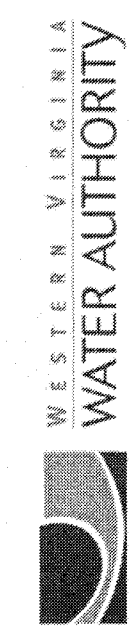
PREPARED BY:
CHA CONSULTING
1341 RESEARCH CENTER DRIVE
SUITE 2100
BLACKSBURG, VIRGINIA 24060
TELEPHONE: 540-552-5548
FAX: 540-552-5577

Contractor: Portland Utilities - Rick Hamr - *Rick Hamr*
Inspector: Brian Whitnack - WWA - *Brian Whitnack*
PM: Will Bulloss - *Will Bulloss*

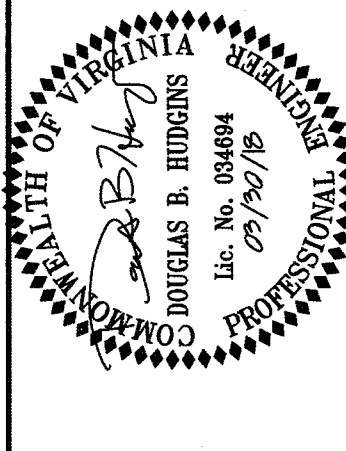
NOTE: FIELD MEASUREMENTS TO S.S. LATERALS
ARE N.T.S. & REFLECT DISTANCE FROM
UPSTREAM MANHOLE TO LATERAL.



1341 Research Center Drive, Suite 2100
Blacksburg, VA 24060
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WESTERN VIRGINIA WATER AUTHORITY
ROANOKE, VIRGINIA



DOUGLAS B. HIGGINS
Lic. No. 04484
Exp. 07/30/19
PROFESSIONAL ENGINEER

WESTERN VIRGINIA WATER AUTHORITY
WILLIAMSON ROAD SANITARY SEWER REPLACEMENT
ROANOKE, VIRGINIA

No.	Summary / Revision	App'd By	Date
1	BID ISSUE	DBH/MBH	3-30-18
2	CONSTRUCTION ISSUE	DBH/MBH	01-21-19

Designed By: MBH
Issue Date: 3-30-18

Drawn By: MBH
Project No: 33338

Checked By: DBH
Scale: AS SHOWN

Drawing No.:
G-001

Contractor: Portland Utilities - Rick Hamr
PM: Will Bulloss - WWA
Inspector: Brian Whitnack - WWA
AS-built - 8/12/19
Williamson Road Sewer Replacement - 2019

AS-built 8/12/19