SANITARY SEWER STRUCTURE

UTILITY SHEET LOCATION — 5-B — SANITARY SEWER STRUCTURE (ALPHABETICAL)

WATER MAIN STRUCTURE

UTILITY SHEET LOCATION — 4-6 — WATER STRUCTURE (NUMERICAL)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
	3	VA.		11	0011-080-105,PE-102 RW-202 C-502	U2

UTILITY ADJUSTMENT QUANTITIES

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS
U3	3-1	RELOCATE EXISTING FIRE HYDRANT	1	EA
		6" D.I. WATER MAIN	10	L.F.
	3-2	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	3-3	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	3-4	RELOCATE EXISTING VALVE & BOX	1	EA
	3-5	ADJUST EXISTING METER & BOX	1	EA
	3-5	6" WATER MAIN	29	L.F.
		RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
		12"x6" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
		6" 45° BEND	2	EA
	3-A	CONCRETE ENCASEMENT UB-1	6	L.F.
	3-B	ADJUST EXISTING FRAME & COVER	1	EA
		PROPOSED TOP=1059.5		
		EXISTING TOP=		
U4	4-1	ADJUST EXISTING METER & BOX	1	EA
	4-3	ADJUST EXISTING METER & BOX	1	EA
	4-4	ADJUST EXISTING METER & BOX	1	EA
	4-5	ADJUST EXISTING VALVE BOX	1	EA
	4-6	ADJUST EXISTING VALVE BOX	1	EA
	4-7	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	4-8	ADJUST EXISTING METER & BOX	1	EA
	4-9	ADJUST EXISTING VALVE BOX	1	EA
	4-10	ADJUST EXISTING METER & BOX	1	EA
	4-11	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	4-12	ADJUST EXISTING METER & BOX	1	EA
	4-13	ADJUST EXISTING METER & BOX	1	EA
	4-A	ADJUST EXISTING SANITARY CLEANOUT	1	EA
	4-B	ADJUST EXISTING FRAME & COVER	1	EA
		PROPOSED TOP=1061.1		
		EXISTING TOP=1060.5		
	4-C	RECONSTRUCT EXISTING SANITARY MANHOLE	1.4	V.F.
		PROPOSED TOP=1061.6		
		EXISTING TOP=1060.2		
U5	5-1	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	5-2	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	5-3	12" D.I. WATER MAIN	5	L.F.
		12" 45° BEND	4	EA
	5-4	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	5-5	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	5-6	RELOCATE EXISTING FIRE HYDRANT	1	EA
		6" WATER MAIN	14	L.F.
	5-7	ADJUST EXISTING VALVE BOX	1	EA
	5-8	ADJUST EXISTING METER & BOX	1	EA
	5-9	ADJUST EXISTING METER & BOX	1	EA
	5-10	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS
	5-A	REMOVE EXISTING SANITARY MANHOLE	1	EA
	5-B	SANITARY MANHOLE SMH-1	4.1	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=1053.0		
		INV.=1048.89		
	5-C	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=1047.8		
		PROPOSED TOP=1047.0		
	5-D	CONCRETE ENCASEMENT UB-1	10	L.F.
	5-E	RECONSTRUCT EXISTING SANITARY MANHOLE	2	V.F.
		EXISTING TOP=1041.8		
		PROPOSED TOP=1043.8		
	5-F	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=1050.4		
		PROPOSED TOP=1049.6		
U6	6-1	12" WATER MAIN	16	L.F.
		12" 45° BEND	4	EA
	6-2	ADJUST EXISTING VALVE BOX	1	EA
	6-3	ADJUST EXISTING VALVE BOX	1	EA
	6-B	RECONSTRUCT EXISTING SANITARY MANHOLE	2.5	V.F.
		TOP=1029.5		
		INV.=1027.05		
	6-B	CONCRETE ENCASEMENT UB-1	15	L.F.
	6-C	SANITARY MANHOLE SMH-1 W/ MH-2 TOP	1.8	V.F.
		WATER TIGHT MANHOLE FRAME & COVER WF&C-1	1	EA
		TOP=1028.9		
		INV.=1027.1		
	6-D	SANITARY MANHOLE SMH-1	6.8	V.F.
		WATER TIGHT MANHOLE FRAME & COVER WF&C-1	1	EA
		TOP=1034.7		
		INV.=1027.93		
	6-E	SANITARY MANHOLE SMH-1	12.7	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=1040.0		
		INV.=1027.30		
	6-F	8" SANITARY SEWER PIPE	44	L.F.
	6-G	12" SANITARY SEWER PIPE	87	L.F.
	6-H	SANITARY MANHOLE SMH-1	9.3	V.F.
		WATER TIGHT MANHOLE FRAME & COVER WF&C-1	1	EA
		TOP=1037.1		
		INV.=1027.81		
	6-I	12" SANITARY SEWER PIPE	12	L.F.
U7	7-1	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	7-2	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA
	7-3	ADJUST EXISTING METER & BOX	1	EA
	7-4	RELOCATE EX. WATER METER ASSEMBLY & BOX	1	EA

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS

ROUTE 11
UTILITY ADJUSTMENT QUANTITIES
JN 7456

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ANDERSON AND ASSOCIATES, Inc. Engineers Surveyors Planners Blacksburg, Virginia

SUPERVISED BY P.C. SCHIRMER
DESIGNED BY P.C. SCHIRMER
CADD OPERATOR M.E. CRAWFORD
REVISED BY

BY	DATE

PLAN
NOTE BOOK
NO.
SUBMITTED
ADDITIONS
ALIGNMENT CHECKED
RIGHT OF WAY CHECKED

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0011-080-105		U2