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

UTILITY ADJUSTMENT QUANTITIES

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
	3	VA.		221	0221-128-101,PE-101 RW-201 C-501	U2

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS
U3	3-1	6" WATER MAIN	281	L.F.
	3-2	6" 45° BEND	2	EA
		6"x6" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
		6" WATER MAIN	3	L.F.
	3-3	ADJUST EXISTING METER BOX	2	EA
	3-4	4" WATER MAIN	10	L.F.
		4" 45° BEND	4	EA
	3-5	6"x6" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
		6" WATER MAIN	30	L.F.
		FIRE HYDRANT FH-1	1	EA
	3-6	REMOVE EXISTING FIRE HYDRANT & PLUG BRANCH	1	EA
	3-7	30" WATER MAIN	16	L.F.
		30" 45° BEND	4	EA
	3-8	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-9	24" WATER MAIN	16	L.F.
		24" 45° BEND	4	EA
	3-10	4" BLOW-OFF VALVE & BOX BOV-1	1	EA
	3-11	4"x4" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
		4" WATER MAIN	50	L.F.
		FIRE HYDRANT FH-1	1	EA
	3-12	REMOVE EXISTING FIRE HYDRANT	1	EA
	3-13	4" WATER MAIN	20	L.F.
		4" 45° BEND	4	EA
	3-14	24" WATER MAIN	20	L.F.
		24" 45° BEND	4	EA
	3-15	4" WATER MAIN	12	L.F.
		4" 45° BEND	4	EA
	3-16	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	3-17	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-18	ADJUST EXISTING VALVE BOX	2	EA
	3-19	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-20	ADJUST EXISTING VALVE MANHOLE	2	EA
	3-21	ADJUST EXISTING VALVE MANHOLE	2	EA
	3-22	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-23	24" WATER MAIN	12	L.F.
		24" 45° BEND	4	EA
	3-24	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	3-25	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-26	ADJUST EXISTING VALVE MANHOLE	1	EA
	3-27	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	3-28	ADJUST EXISTING VALVE MANHOLE	2	EA
	3-A	10" SANITARY SEWER PIPE	243	L.F.
	3-B	SANITARY MANHOLE SMH-1	7	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=939.3		
		INV=932.38		
	3-C	10" D.I. SANITARY SEWER PIPE	242	L.F.
	3-D	SANITARY MANHOLE SMH-1	7	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=942.4		
		INV=935.96		

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS
	3-E	10" SANITARY SEWER PIPE	39	L.F.
	3-F	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=941.9		
		PROPOSED TOP=942.7		
	3-G	SANITARY MANHOLE SMH-1	XX	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		EXISTING TOP=		
		PROPOSED TOP=		
	3-H	CONCRETE ENCASEMENT UB-1	16	L.F.
	3-I	SANITARY MANHOLE SMH-1	4.9	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=950.1		
		INV=945.94		
	3-J	CONCRETE ENCASEMENT UB-1	27	L.F.
	3-K	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=942.5		
		PROPOSED TOP=942.8		
	3-L	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=944.4		
		PROPOSED TOP=944.9		
	3-M	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=947.6		
		PROPOSED TOP=948.1		
		PROPOSED INV=941.80		
	3-N	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=941.3		
		PROPOSED TOP=941.9		
	3-O	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=940.4		
		PROPOSED TOP=940.6		
	3-P	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=940.4		
		PROPOSED TOP=940.5		
U4	4-1	RELOCATE EXISTING METER ASSEMBLY & BOX	4	EA
	4-2	FIRE HYDRANT FH-1	1	EA
		6" WATER MAIN	37	L.F.
		12"x6" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
	4-3	REMOVE EXISTING FIRE HYDRANT & PLUG BRANCH	1	EA
	4-4	ADJUST EXISTING VALVE MANHOLE	1	EA
	4-5	4" WATER MAIN	12	L.F.
		4" 45° BEND	4	EA
	4-6	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-7	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-8	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-9	ADJUST EXISTING VALVE MANHOLE	2	EA
	4-10	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-11	ADJUST EXISTING VALVE MANHOLE	1	EA
	4-12	ADJUST EXISTING VALVE MANHOLE	1	EA
	4-13	ADJUST EXISTING VALVE MANHOLE	1	EA
	4-14	ADJUST EXISTING VALVE MANHOLE	3	EA
	4-15	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-16	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS
	4-17	RELOCATE EXISTING VALVE & MANHOLE	1	EA
	4-18	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	4-19	ADJUST EXISTING VALVE MANHOLE	1	EA
	4-20	ADJUST EXISTING METER ASSEMBLY & BOX	1	EA
	4-21	ADJUST EXISTING METER ASSEMBLY & BOX	1	EA
	4-A	8" SANITARY SEWER PIPE	64	L.F.
	4-B	SANITARY MANHOLE SMH-1	5.0	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=952.4		
		INV=947.37		
	4-C	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=951.0		
		PROPOSED TOP=951.3		
	4-D	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=954.8		
		PROPOSED TOP=954.7		
	4-E	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=961.8		
		PROPOSED TOP=962.5		
	4-F	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=954.4		
		PROPOSED TOP=954.2		
	4-G	ADJUST EXISTING FRAME & COVER	1	EA
		EXISTING TOP=971.5		
		PROPOSED TOP=971.9		
	4-H	SANITARY MANHOLE SMH-1	9.4	V.F.
		8" SANITARY DROP CONNECTION SMH-1	6.6	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=959.6		
		INV OUT=950.20		
		INV IN=956.80		
	4-I	ADJUST SANITARY SEWER CLEANOUT	1	EA
	4-J	SANITARY MANHOLE SMH-1	5.4	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=954.8		
		INV=949.45		
	4-K	8" SANITARY SEWER PIPE	34	L.F.
	4-L	8" SANITARY SEWER PIPE	136	L.F.
U5	5-1	6"x6" TAPPING SLEEVE, VALVE & BOX VB-1	1	EA
		6" 45° BEND	2	EA
	5-2	RELOCATE EXISTING METER ASSEMBLY & BOX	1	EA
	5-A	SANITARY MANHOLE SMH-1	7.8	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=936.8		
		INV=924.72		
	5-B	10" SANITARY SEWER PIPE	241	L.F.
	5-C	SANITARY MANHOLE SMH-1	8.9	V.F.
		MANHOLE FRAME & COVER F&C-1	1	EA
		TOP=937.9		
		INV=929.01		

SHEET	STRUCTURE	DESCRIPTION	QUANTITY	UNITS

FRANKLIN ROAD
UTILITY ADJUSTMENT QUANTITIES
JN 7457

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

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

BY	DATE

PLAN — SURVEYED / DESIGNED / ALIGNMENT / RIGHT OF WAY CHECKED
NOTE BOOK NO.

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0221-128-101		U2