FOR UTILITY ADJUSTMENTS ONLY

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	7(3)

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

FRANKLIN ROAD UTILITY RELOCATIONS UN 7457

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

SUPERVISED BY P.C. SCHRIMER
DESIGNED BY G.L. HALE
CADD OPERATOR M.E. CRAWFORD
REVISED BY
PLAN DATE 11 MAY 90

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT ADDED		
NO.	RIGHT OF WAY ADDED		

Power Poles Property of Appalachain Power Co., Roanoke, Va.
Telephone Lines and Underground Cables Property of C&P Telephone Co., Roanoke, Va.
Television Cable Property of Cox Cable inc., Roanoke, Va.
Sanitary Sewer Property of City of Roanoke, Roanoke, Va.
Water Lines Property of City of Roanoke, Roanoke, Va.
Gas Lines Property of Roanoke Gas Co., Roanoke, Va.

NOTE: SANITARY SEWER SERVICE LATERALS ARE SHOWN THUS ——————L——————. THESE LOCATIONS ARE COMPILED FROM EXISTING RECORDS AND DO NOT REPRESENT AN ACTUAL FIELD LOCATION. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL ADJUST ALL SANITARY SEWER SERVICE LATERALS FOUND TO BE IN CONFLICT WITH PROPOSED CONSTRUCTION. CLEANOUTS SHALL BE INSTALLED ON ALL ADJUSTED SERVICE LATERALS PER STANDARD SCO-1.

UTILITY ADJUSTMENT QUANTITIES

3-A 50 L.F. 8" SANITARY SEWER PIPE

3-B 5.3 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=952.4
INV.IN = 947.57
INV.OUT = 947.07

3-C 31 L.F. 10" SANITARY SEWER PIPE

3-D 1 - ADJUST EXISTING FRAME & COVER
EXISTING TOP=954.8
PROPOSED TOP=955.0

3-E 1 - ADJUST EXISTING FRAME & COVER
EXISTING TOP=961.7
PROPOSED TOP=962.5

3-F 1 - RECONSTRUCT EXISTING SANITARY MANHOLE
EXISTING TOP=954.4
PROPOSED TOP=953.8

3-G 1 - ADJUST EXISTING FRAME & COVER
EXISTING TOP=971.5
PROPOSED TOP=971.8

3-H 9.4 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
4.6 L.F. 8" SANITARY DROP CONNECTION SMH-1
TOP=959.6
INV.IN = 956.80
INV.OUT = 950.20

3-I 1 - ADJUST EXISTING CLEANOUT

3-J 5.4 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=954.8
INV.IN = 949.95
INV.OUT = 949.45

3-K 34 L.F. 8" SANITARY SEWER PIPE

3-L 5.6 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=962.2
INV.IN = 957.10
INV.OUT = 956.60

3-M 5.3 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=969.7
INV.IN = 964.81
INV.OUT = 964.41

3-N 28 L.F. 8" SANITARY SEWER PIPE

3-O 128 L.F. 8" SANITARY SEWER PIPE

3-P 147 L.F. 10" SANITARY SEWER PIPE

3-Q 6.8 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=970.4
INV.IN = 964.00
INV.OUT = 963.60

3-R 31 L.F. 10" SANITARY SEWER PIPE

3-S 6.8 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=972.0
INV.IN = 965.58
INV.OUT = 965.18

3-T 6.8 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=951.0
INV.IN = 944.71
INV.OUT = 944.21

3-U 83 L.F. 12" SANITARY SEWER PIPE

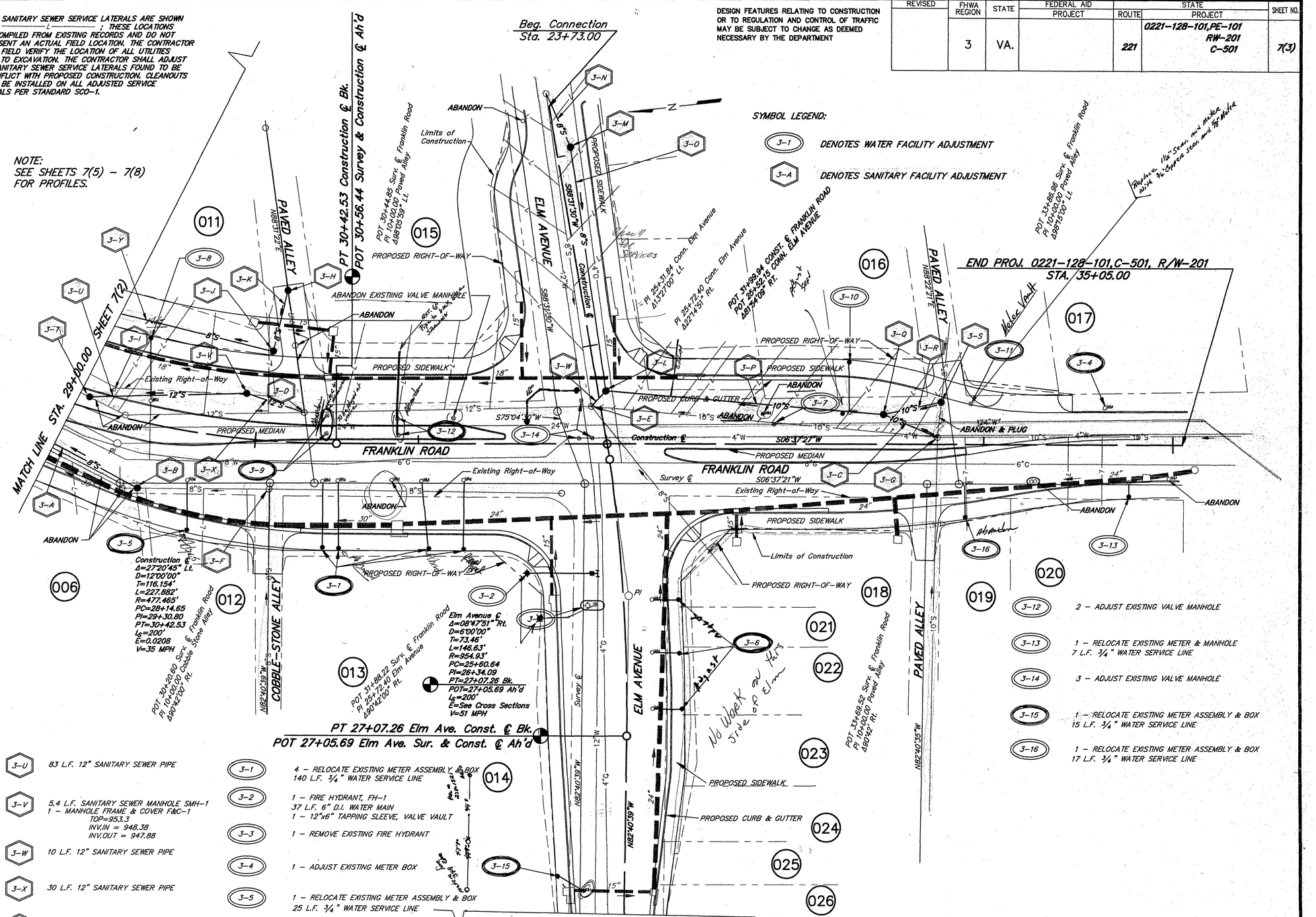
3-V 5.4 L.F. SANITARY SEWER MANHOLE SMH-1
1 - MANHOLE FRAME & COVER F&C-1
TOP=953.3
INV.IN = 948.39
INV.OUT = 947.88

3-W 10 L.F. 12" SANITARY SEWER PIPE

3-X 30 L.F. 12" SANITARY SEWER PIPE

3-Y 83 L.F. 8" SANITARY SEWER PIPE

NOTE:
SEE SHEETS 7(5) - 7(8)
FOR PROFILES.



3-1 4 - RELOCATE EXISTING METER ASSEMBLY & BOX
140 L.F. 3/4" WATER SERVICE LINE

3-2 1 - FIRE HYDRANT, FH-1
37 L.F. 6" D.I. WATER MAIN
1 - 12"x6" TAPPING SLEEVE, VALVE VAULT

3-3 1 - REMOVE EXISTING FIRE HYDRANT

3-4 1 - ADJUST EXISTING METER BOX

3-5 1 - RELOCATE EXISTING METER ASSEMBLY & BOX
25 L.F. 3/4" WATER SERVICE LINE

3-6 3 - RELOCATE EXISTING METER ASSEMBLY & BOX
45 L.F. 3/4" WATER SERVICE LINE

3-7 1 - ADJUST EXISTING VALVE MANHOLE

3-8 1 - RELOCATE EXISTING METER ASSEMBLY & BOX
32 L.F. 3/4" WATER SERVICE LINE

3-9 2 - ADJUST EXISTING VALVE MANHOLE

3-10 1 - RELOCATE EXISTING METER ASSEMBLY & BOX
25 L.F. 3/4" WATER SERVICE LINE

3-11 1 - ADJUST EXISTING VALVE MANHOLE

3-12 2 - ADJUST EXISTING VALVE MANHOLE

3-13 1 - RELOCATE EXISTING METER & MANHOLE
7 L.F. 3/4" WATER SERVICE LINE

3-14 3 - ADJUST EXISTING VALVE MANHOLE

3-15 1 - RELOCATE EXISTING METER ASSEMBLY & BOX
15 L.F. 3/4" WATER SERVICE LINE

3-16 1 - RELOCATE EXISTING METER ASSEMBLY & BOX
17 L.F. 3/4" WATER SERVICE LINE

25 12.5 0 25 50 75
SCALE IN FEET

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0221-128-101,C-501		7(3)