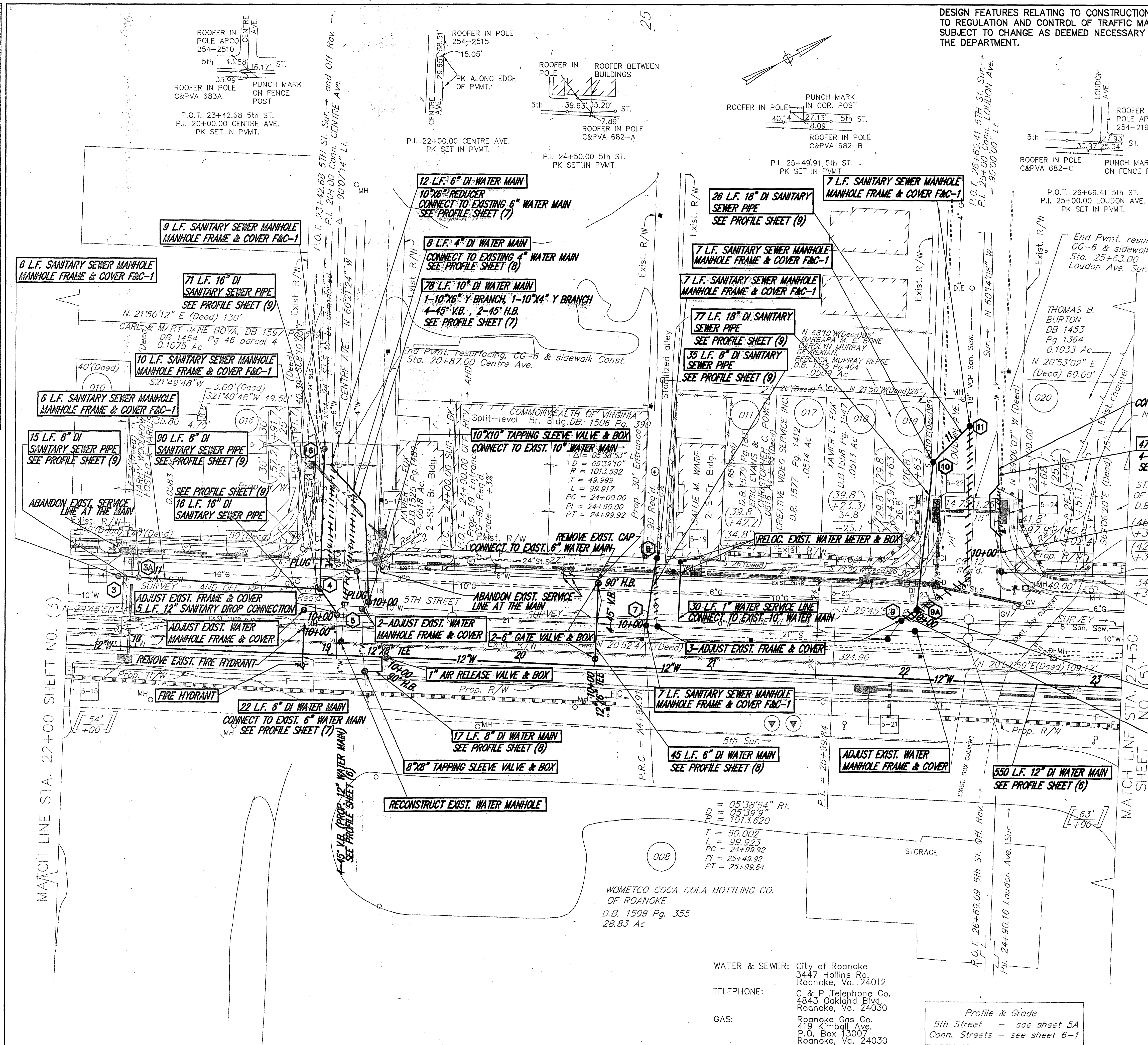


82

Blacksburg, VA
Greensboro, NCEngineers
Surveyors
PlannersANDERSON
AND
ASSOCIATES, Inc.SUPERVISED BY R. WOLFE, T. STONE
DESIGNED BY A. D. PILES CONSULTING ENGINEERS
COORDINATED BY J. MARSTON

PLAN	DATE	BY
NOTEBOOK		
NO.		



THIS SHEET FOR UTILITY RELOCATION/ADJUSTMENT ONLY

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	3	VA.			U000-128-V18, PE-101 U000-128-V18, RW-201 U000-128-V18, C-501	9(4)

4-13	5-14	198'-15\" CONC. PIPE REQ'D. INV. IN 944.95 INV. OUT 935.75	5-19	DROP INLET DI-38 REQ'D. INV. 925.33 L=6' H=4.8'
5-14		DROP INLET DI-38 REQ'D. INV. 931.10 L=12' H=7.8'	5-19	94'-27\" CONC. PIPE REQ'D. INV. IN 925.33 INV. OUT 925.01
5-14	5-18	125'-15\" CONC. PIPE REQ'D. INV. IN 931.10 INV. OUT 928.89	5-20	DROP INLET DI-38 REQ'D. INV. 925.01 L=6' H=4.8'
5-15		DROP INLET DI-38 REQ'D. INV. 931.36 L=8' H=7.5'	5-20	35'-30\" CONC. PIPE REQ'D. INV. IN 925.01 INV. OUT 924.91
5-15	5-14	54'-15\" CONC. PIPE REQ'D. INV. IN 931.36 INV. OUT 931.10	5-21	DROP INLET DI-38 REQ'D. INV. 925.50 L=13' H=4.0'
5-16		MODIFIED DROP INLET DI-38 REQ'D. INV. 928.64 L=10' H=7.3' EXISTING 24\" ST. S. TO BE CONNECTED TO THE PROP. DI FROM THE EAST. THE EXISTING ST. S. WEST OF THE INLET IS TO BE ABANDONED.	5-21	60'-15\" CONC. PIPE REQ'D. INV. IN 925.50 INV. OUT 924.60
5-16	5-17	50'-24\" CONC. PIPE REQ'D. INV. IN 928.64 INV. OUT 926.40	5-22	DROP INLET DI-38 REQ'D. INV. 925.21 L=10' H=4.0'
5-17		DROP INLET DI-38 REQ'D. INV. 926.40 L=4' H=6.8'	5-22	37'-24\" CONC. PIPE REQ'D. INV. IN 925.21 INV. OUT 924.91
5-17	5-18	12'-24\" CONC. PIPE REQ'D. INV. IN 926.40 INV. OUT 926.36	5-23	3.7' L.F. STANDARD MANHOLE MH-2 FRAME & COVER MH-1 REQ'D. STANDARD IS-1 REQ'D. INV. 924.91
5-18		5.9' L.F. STANDARD MANHOLE MH-1 OR MH-2 REQ'D. FRAME & COVER MH-1 REQ'D. STANDARD IS-1 REQ'D. INV. 926.36	5-23	44'-30\" CONC. PIPE REQ'D. INV. IN 924.91 INV. OUT 924.60
5-18	5-19	158'-27\" CONC. PIPE REQ'D. INV. IN 926.36 INV. OUT 925.58	5-24	DROP INLET DI-38 REQ'D. INV. 926.04 L=14' H=2.9
			5-24	32'-15\" CONC. PIPE REQ'D. INV. IN 926.04 INV. OUT 925.21

CONNECT TO EXISTING 4\" WATER MAIN

N 20°53'2\" E(Deed)
20.00'

47' L.F. 4\" DI WATER MAIN

4-45\" V.B., 4-45\" H.B.
SEE PROFILE SHEET (8)ST. PAUL UNITED METHODIST CHURCH
OF ROANOKE, VIRGINIA
D.B. 1512 Pg. 4721

CONNECT TO EXISTING 4\" WATER MAIN

PROPOSED HEADWALL
REPAIR AND MODIFICATION.
SEE SHEET 2A FOR DETAILS.ADJUST EXIST. WATER
MANHOLE FRAME & COVERPROPOSED HANDRAIL, STANDARD HR-1,
7 SECTIONS @ 6' 3\" EACH. TRANSITION
HANDRAIL POSTS SHALL BE PLACED IN
CYLINDRICAL CONCRETE BASES 2.5' DEEP
AND 0.5' ABOVE GROUND, WITH A MINIMUM
DIAMETER OF 1'. BEND RAIL SECTIONS TO A
RADIUS OF 28.5' AT CURVED END. SEE SHEET
2A FOR HANDRAIL DETAILS AT CULVERT.8' L.F. SANITARY SEWER MANHOLE
MANHOLE FRAME & COVER F&C-110' L.F. 18\" DI SANITARY
SEWER PIPE
SEE PROFILE SHEET (9)MATCH LINE STA. 27+50
SHEET NO. (5)Denotes private and commercial entrances
to be Const. in accordance with the Exist.
condition at the time of Const. Refer to
sheet 2E for types of Const.Denotes new full-depth Pmnt.
and sidewalk constructionDenotes areas to be milled
and resurfacedHatched areas denote areas of demolition
of Pmnt.

Demolition of Pmnt. 321 Sq. Yds.

All stations & offsets shown for easements
and Prop. R/W are taken with respect
to the Off. Rev. → on 5th St. and the Sur.
→ on Centre and Loudon Avenues.Figures in parenthesis and Dot-Dot Dashed
Line denote Prop. temporary easements.Proposed Joint Use Utility Easement for
Appalachian Power Company and
C & P Telephone Co.Profile & Grade
5th Street - see sheet 5A
Conn. Streets - see sheet 6-1SCALE
0 25' 50'

PLAN NO. U000-128-V18 60 FILE NO. 8 3 1 SHEET NO. 9(4)

A & A DOCUMENT NO. 08850-005 100%