

SUPERVISED BY: F. H. STARS, P.E., A. J. BEDARD, JR., P.E. AND A. T. WELSEN, P.E.
DESIGNED BY: ERMAN, ANTHONY, ASSOCIATES
COORDINATED BY: R. F. GARRETT AND P. WILBORN (804)255-4956

PLAN
NOTEBOOK
NO.

- Std. Guardrail Terminal GR-7
Note: The 4-foot flare is to be reduced or eliminated to stay within proposed Right of Way.
- Radial Guardrail GR-2
- Fixed Object Attachment GR-FOA-1
- Guardrail GR-2

- 4-9 DROP INLET DI-38 REQ'D.
INV. 952.88 L=8' H=5.7'
- 4-9 88'-15" CONC. PIPE REQ'D.
INV. IN 952.88 INV. OUT 944.95
- 4-10 DROP INLET DI-38 REQ'D.
INV. 954.03 L=8' H=4.7'
- 4-10 54'-15" CONC. PIPE REQ'D.
INV. IN 954.03 INV. OUT 953.75
- 4-11 DROP INLET DI-3A REQ'D.
INV. 947.39 L=2.5' H=4.0'
- 4-11 53'-15" CONC. PIPE REQ'D.
INV. IN 947.39 INV. OUT 946.59
- 4-12 DROP INLET DI-3A REQ'D.
INV. 946.59 L=2.5' H=3.2'
- 4-12 88'-15" CONC. PIPE REQ'D.
INV. IN 946.59 INV. OUT 944.95
- 4-13 5.0' L.F. OF STANDARD
MANHOLE MH-1 OR MH-2 REQ'D.
FRAME & COVER MH-1 REQ'D.
INV. 944.95 STANDARD IS-1 REQ'D.
198'-15" CONC. PIPE REQ'D.
INV. IN 944.95 INV. OUT 935.75

All stations & offsets shown for easements and Prop. R/W are taken with respect to the Off. Rev. E on 5th Street and the Sur. E on Shenandoah.

- * - 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.

Hatched areas denote areas of demolition of Pvm't. Demolition of Pvm't. 1,964 Sq. Yds.

Figures in parenthesis and Dot-Dot Dashed Line denote Prop. temporary easements.

- Denotes new full-depth Pvm't. and sidewalk construction
- Denotes areas to be milled and resurfaced

- Proposed Utility Easement for Appalachian Power Company
- Proposed Joint Utility Easement for Appalachian Power Company and C & P Telephone Co.

The existing approach roadway embankments will be removed between Station 14+85.00 - 15+85.00 and Station 18+61.00 - 19+50.00 and will be included in the quantity for regular excavation.

PUNCH MARK
IN ANCHOR BOLT
FOR SIGNAL POLE

ROOFER IN POLE
APCO 254-2527

5th ST. 55.01' 38.32'
49.34'
MON. 128-0068

P.O.T. 20+16.42 5th ST.
P.I. 17+00.00 SHENANDOAH AVE.
PK SET IN PVM'T.

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

REVISED	FWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SH. NO.
3/17/92 5/7/92 7/22/92 9/11/92 5/11/93	3	VA.			U000-128-V18, PE-101 U000-128-V18, RW-201 U000-128-V18, C-501 U000-128-V18, B-611	4

MATCH LINE STA. 16+00 SHEET NO. 3

MATCH LINE

STA. 19+00 SHEET NO. 4B

MATCH LINE STA. 22+00 SHEET NO. 5

WATER & SEWER: City of Roanoke
3447 Hollins Rd.
Roanoke, Va. 24012

TELEPHONE: C & P Telephone Co.
4843 Oakland Blvd.
Roanoke, Va. 24030

GAS: Roanoke Gas Co.
419 Kimball Ave.
P.O. Box 13007
Roanoke, Va. 24030

Profile & Grade
5th Street - see sheet 4A
Shenandoah Ave. - see sheet 6-1

SCALE
0 25' 50'