

Power Poles and underground power lines property of Appalachian Power Co., Roanoke, Va.
Telephone poles and underground cables property of Chesapeake and Potomac Telephone Co., Roanoke, Va.
Water lines in City property of City of Roanoke.
Gas lines property of Roanoke Gas Co., Roanoke, Va.
Sewer lines in City property of City of Roanoke.

Sewage disposal on all properties by sewer lines unless otherwise noted.
Water supply on all properties from water lines unless otherwise noted.

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

FED. AID	STATE	FEDERAL AID	STATE	ROUTE	PROJECT	ROUTE	PROJECT	SHEET	TOTAL
3	VA.	FF-128-1(14)	220	6220-128-105, 6-301	7B				

BRANDON AVENUE

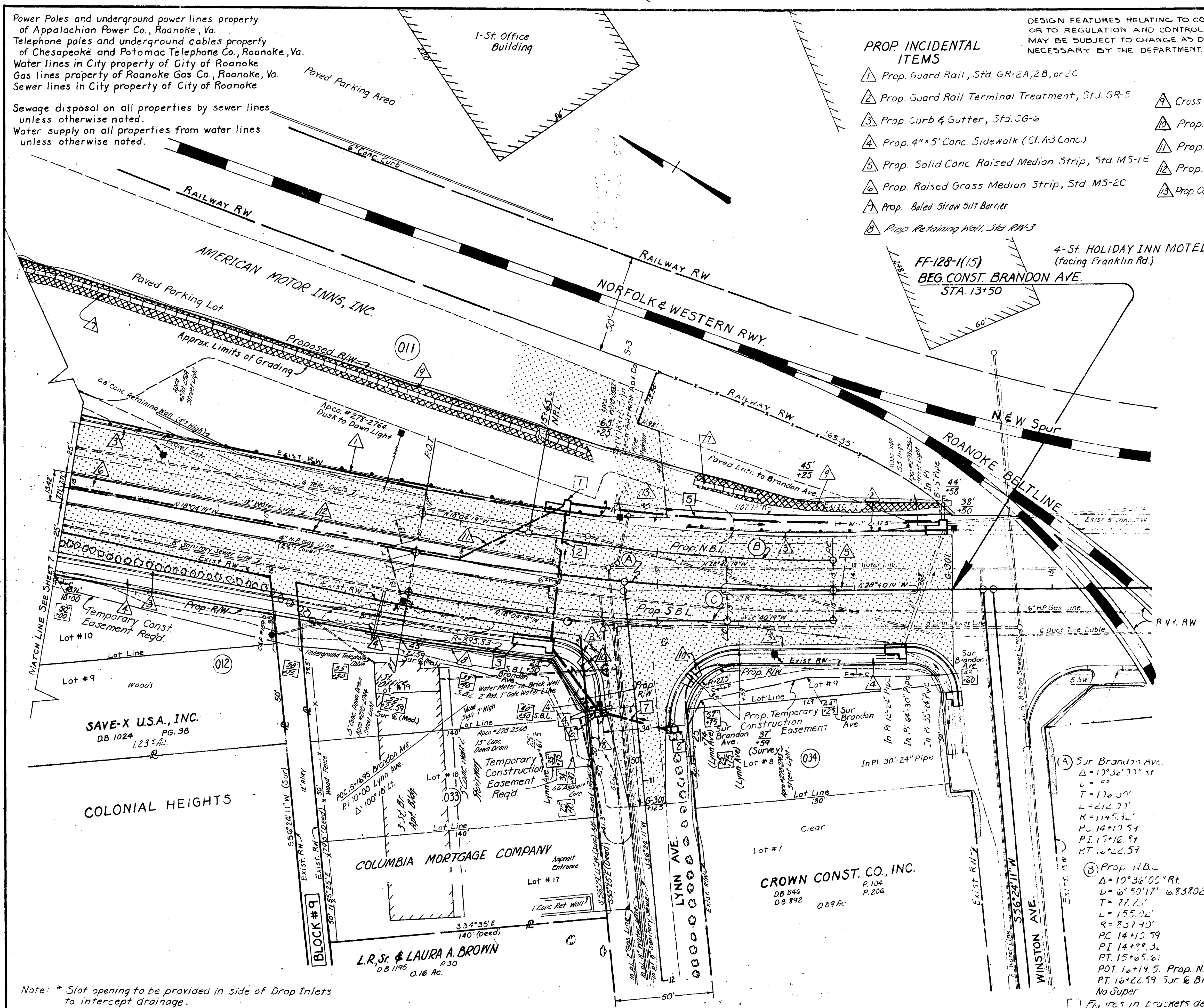
PROP. INCIDENTAL ITEMS

- 1 Prop. Guard Rail, Std. GR-2A, 2B, or 2C
- 2 Prop. Guard Rail Terminal Treatment, Std. GR-5
- 3 Prop. Curb & Gutter, Std. CG-6
- 4 Prop. 4" x 5' Conc. Sidewalk (Cl. A3 Conc.)
- 5 Prop. Solid Conc. Raised Median Strip, Std. MS-1-E
- 6 Prop. Raised Grass Median Strip, Std. MS-2C
- 7 Prop. Baled Straw Silt Barrier
- 8 Prop. Retaining Wall, Std. RW-3
- 9 Cross Hatched Area  Denotes Exist. Pavement to be Demolished
- 10 Prop. Curb Cut Ramp Std. CG-12
- 11 Prop. Pipe Underdrain Std. UD-1
- 12 Prop. Pipe Underdrain Std. UD-2
- 13 Prop. Conc. Entr. Gutter Std. CG-9D

 Denotes items to be constructed under Proj. 6220-128-105, 6-301

PROP. DRAINAGE STRUCTURES

- * 1 Sta. 15+50 Rt. Prop. Brandon Ave. 1-Drop Inlet Req'd. Std. DI-3E L=12'
- 2 Sta. 15+50 Rt. Prop. Brandon Ave. 72"-18" Conc. Pipe Req'd. Inv. (in) 949.7 Inv. (out) 948.7
- 3 Sta. 15+50 Prop. Brandon Ave. 1-DI-3E Req'd. L=20'
- 4 Sta. 15+40+ Lt. Prop. Brandon Ave. 40"-15" Conc. Pipe Req'd. Inv. (in) 950.4 Inv. (out) 950.0
- 5 Sta. 15+50+ Rt. Prop. Brandon Ave. 18"-37" Conc. Pipe Req'd. Inv. (in) 938.0 Inv. (out) 932.5
- 6 Sta. 12+65+ Rt. Exist. Lynn Ave. 1-Drop Inlet Req'd. Std. DI-3A L=2'-6"
- 7 Sta. 10+70+ Exist. Lynn Ave. 37"-15" Conc. Pipe Req'd. Inv. (in) 951.0 Inv. (out) 950.5
- 8 Sta. 10+75+ Lt. Exist. Lynn Ave. 1-Drop Inlet Req'd. Std. DI-3A L=2'-6"

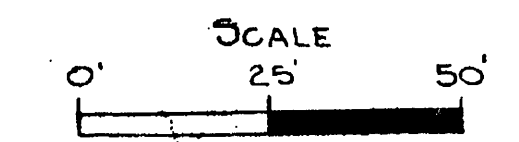


(A) Sur. Brandon Ave.
 $\Delta = 10^{\circ}36'11''$ Rt.
 $L = 50'$
 $T = 170.00'$
 $L = 212.00'$
 $R = 1145.10'$
 $PI = 14+10.51$
 $PT = 14+22.59$

(B) Prop. N.B.L.
 $\Delta = 10^{\circ}36'00''$ Rt.
 $L = 6^{\circ}50'17''$ 6.83802°
 $T = 77.13'$
 $L = 155.02'$
 $R = 837.40'$
 $PC = 14+12.59$
 $PT = 14+22.59$
 $PT = 14+22.59$ Prop. N.B.L. 20' Lt.
 $PT = 14+22.59$ Sur. & Brandon Ave.
No Super

(C) Prop. S.B.L.
 $\Delta = 10^{\circ}36'00''$ Rt.
 $D = 6^{\circ}33'52''$ (6.56437°)
 $T = 30.97'$
 $L = 161.43'$
 $R = 872.53'$
 $PC = 14+24.49$
 $PT = 15+45.46$
 $PT = 16+25.97$ Prop. S.B.L. 20' Lt.
 $PT = 16+25.97$ Sur. & Brandon Ave.
No Super

Figures in brackets denote dimensions for temporary construction easement to be acquired.



PROFILE INDEX
BRANDON AVE. SH. 1D

Note: * Slot opening to be provided in side of Drop Inlets to intercept drainage.
** See Sheet 2A-9 for method of placing guard rail on curb drop inlet.