

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.

- ① Rev. & Brandon Ave. (Survey)
 $\Delta = 32^\circ 42' 25''$ Lt.
 $D = 6^\circ 47' 07''$ (6.78522)
 $T = 247.78'$
 $L = 482.03'$
 $R = 844.42'$
 $PC = 18+72.60$
 $PI = 21+20.38$
 $PCC = 23+50.00$
 No Super.
- ② Prop. Lt. E.P.
 $\Delta = 23^\circ 38' 05''$ Lt.
 $D = 15^\circ 58' 46''$ (15.79941)
 $T = 75.02'$
 $L = 147.91'$
 $R = 358.56'$
 $PC = 23+71.52$
 $PI = 24+46.54$
 $PT = 25+19.43$
- ③ Prop. Rt. E.P.
 $\Delta = 23^\circ 38' 05''$ Lt.
 $D = 13^\circ 38' 22''$ (13.63958)
 $T = 87.89'$
 $L = 173.28'$
 $R = 420.07'$
 $PC = 23+50.00$
 $PI = 24+37.89$
 $PT = 25+23.25$
- ④ Rev. Colonial Ave.
 $\Delta = 9^\circ 59' 20''$ Rt.
 $D = 10^\circ$
 $T = 50.07'$
 $L = 99.89'$
 $R = 572.96'$
 $PC = 1+98.72$
 $PI = 2+48.79$ Rev. &
 $POT = 2+48.54$ Sur. &
 No Super.

⑤
 $\Delta = 41^\circ 58' 31''$ Lt.
 $D = 13^\circ$
 $T = 169.07'$
 $L = 322.88'$
 $R = 440.74'$
 $PI = 23+77.99$
 $PT = 25+31.80$

WINONA ADDITION
BLOCKS 104-111

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

PROP. DRAINAGE STRUCTURES

- Sta. 2+90 Colonial Ave.
60" 15" Conc. Pipe Regd. (4' Cover)
Inv. (in) 987.0 Inv. (out) 986.7
- Sta. 2+90 Colonial Ave.
Drop Inlet Regd. Rt.
Std. DI-3F, L=6', H=5'
- Sta. 1+87 Colonial Ave.
20" 6" Conc. Pipe Regd. Rt. (16' Cover)
- Sta. 1+53 Rev. Colonial Ave.
12" 6" Conc. Pipe Regd. Rt. (7' Cover)
1-Std. DI-1 Regd. H=3'
- Sta. 1+65 Rev. Colonial Ave.
Drop Inlet Regd. Rt., Std. DI-1, H=7'
- Sta. 24+95 Brandon Ave.
Drop Inlet Regd. Lt., Std. DI-1, H=9'
- 5" 15" Conc. Pipe Regd. Lt. (10' Cover)
- 1-15" 15" T-Joint Regd.
- Sta. 22+70 Lt. Brandon Ave.
1-Std. MH-1 Regd. H=16'
- Sta. 24+00 Lt. Brandon Ave.
192" 15" Conc. Pipe Regd. Lt. (15' Cover)
Inv. (in) 982.6 Inv. (out) 980.1
- Sta. 26+00 Lt. Brandon Ave.
172" 15" Conc. Pipe Regd. (10' Cover)
Inv. (in) 985.0 Inv. (out) 982.6
- Sta. 26+70 Lt. Brandon Ave.
1- Drop Inlet Regd. Std. DI-3E, L=10', H=4'
- 6" 15" Conc. Pipe Regd. (3' Cover)
- 1- Drop Inlet Regd. Rt. Std. DI-1, H=3'

** 1- Frame and Cover Regd., Std. MH-1, at each Manhole installation

*Note: Additional courses of brick are to be added to the existing wall, as directed by the Engineer, to a height sufficient to contain the roadway fill slope. The cost of additional brick courses shall be included in the price bid for the Proposed Brick Retaining Wall (Item 8)

PROP. INCIDENTAL ITEMS

- Prop. Guard Rail, Std. GR-2A, 2B, or 2C
- Prop. Std. RW-3 Mod. Retaining Wall (See Sht 2A-8)
- Prop. Curb & Gutter, Std. CG-6
- Prop. 4" x 5" Conc. Sidewalk (Cl. A-3 Conc.)
- Prop. Solid Conc. Raised Median, Std. MS-1E
- Prop. Baled Straw Silt Barrier
- Prop. Curb Cut Ramp Std. CG-12
- Prop. 1' Brick Retaining Wall (Var. 2' to 6' Height) See Sheet 2A-8
- Prop. 1' Brick Retaining Wall (Var. 25' to 3' Height) See Sheet 2A-8
- Prop. Std. H-1 Hand Rail (See Sheet 2A-8)
- Existing Wall To Be Capped *
- Existing Wall To Be Removed

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

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

Figures in hexagons denote dimensions for permanent drainage easement to be acquired

FF-128-1(15)
END CONST. BRANDON AVE.
STA. 27+25

SCALE
0 25 50'

PROFILE INDEX

BRANDON AVE. SH. TD
COLONIAL AVE. SH. TD

Surveyed by: L.E. Marshall
 Plotted by: J.S. Gorman
 Checked by: J.L. Bulcher

Book No. 45566
 Roll No. 10869

SUPERVISED BY: R.A. Payne & L. G. Gault
 DESIGNED BY: J.L. Bulcher