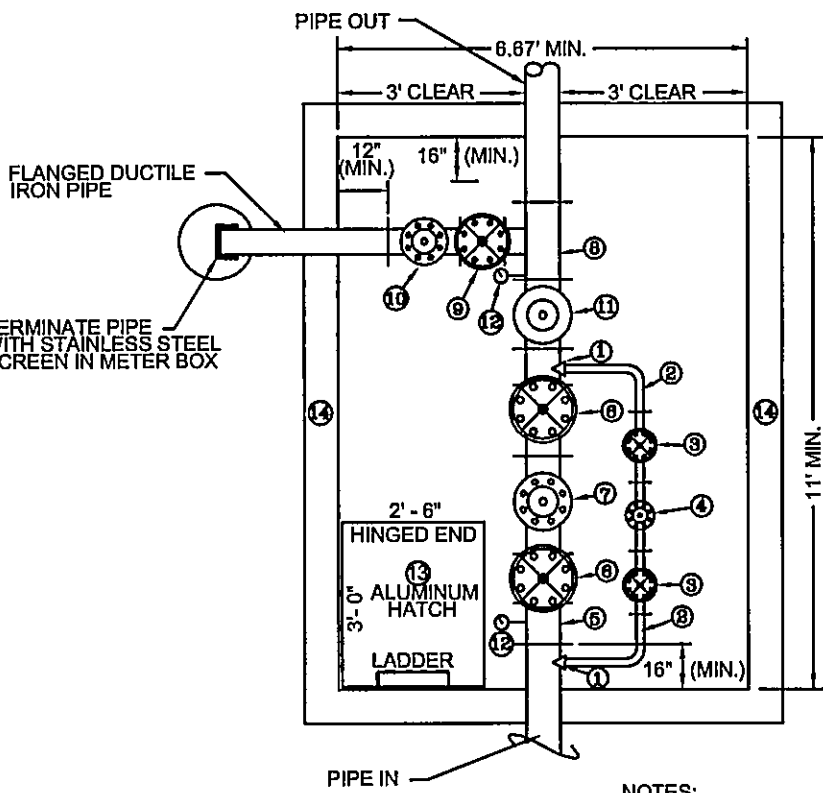


ROAD CL DATA

LINE DATA:

L6: BEARING -- N24°31'46"E L = 467.32'	C6: R = 180.00' DELTA = 25°02'52" T = 39.98' L = 78.69' CH = N37°03'12"E d = 78.06' PC = 25+26.90 PT = 26+05.59	C12: R = 120.00' DELTA = 28°31'02" T = 30.50' L = 59.73' CH = N36°06'55"E d = 59.11' PC = 13+59.07 PT = 14+18.80
L7: BEARING -- N49°34'38"E L = 133.09'	C7: R = 120.00' DELTA = 47°24'55" T = 52.20' L = 99.25' CH = N25°52'10"E d = 96.50' PC = 27+38.68 PT = 28+37.93	C13: R = 120.00' DELTA = 37°05'40" T = 40.26' L = 77.69' CH = N68°55'16"E d = 76.34' PC = 16+10.31 PT = 16+78.82
L8: BEARING -- S02°09'42"W L = 82.41'		
L15: BEARING -- N50°22'26"E L = 202.68'		
L16: BEARING -- N87°28'06"E L = 38.85'		

CURVE DATA:

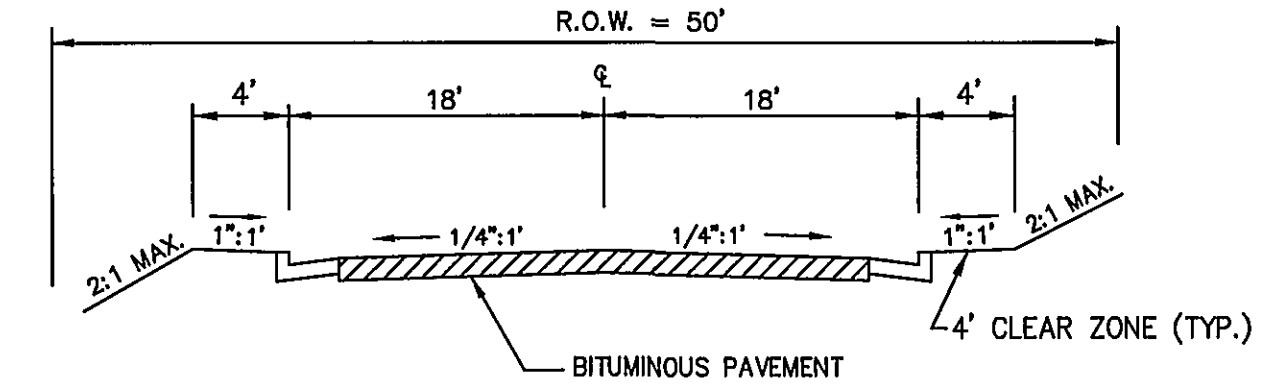


NOTES:
ALL FITTINGS SHALL BE FLANGED OR COMPRESSION TYPE

WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS

REVISION DATE	MAIN LINE	W-14
07/01/04	PRESSURE REDUCING VALVE ASSEMBLY	

ENTRANCE ROAD SECTIONS

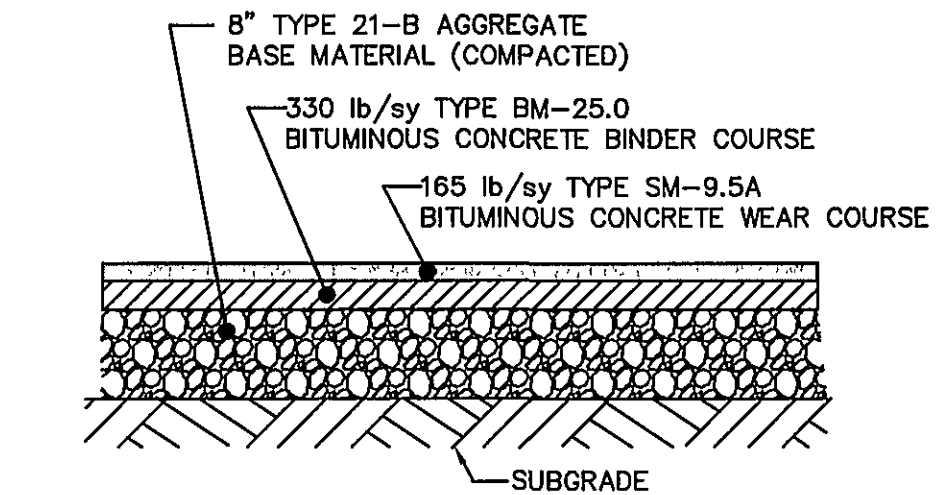


ROAD 'A'

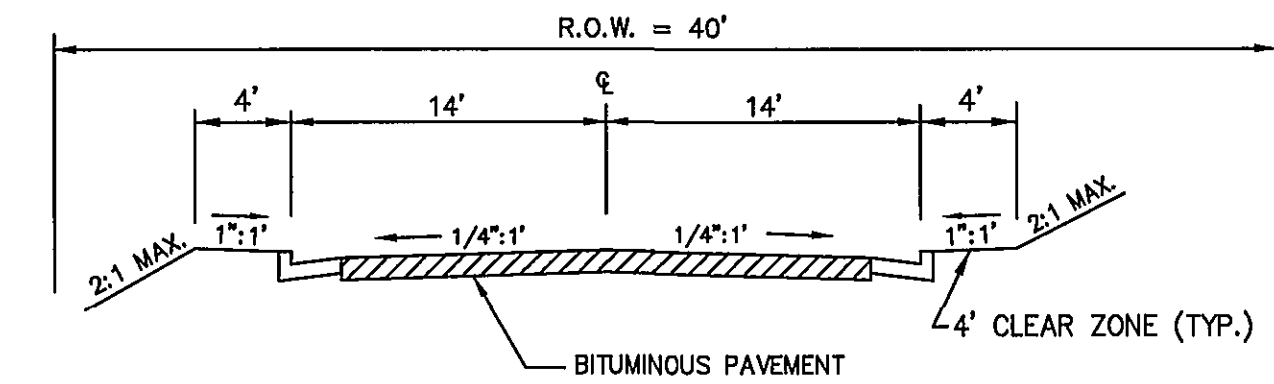
STA. 10+00 TO STA. 17+75

PAVEMENT DESIGN TO BE BASED ON AN ADT OF 920 AND A PREDICTED CBR OF 7.0

CBR TESTS AND FINAL PAVEMENT SPECIFICATIONS TO BE PROVIDED TO VDOT RESIDENCY FOR APPROVAL PRIOR TO INSTALLATION



TYPICAL ROAD SECTIONS

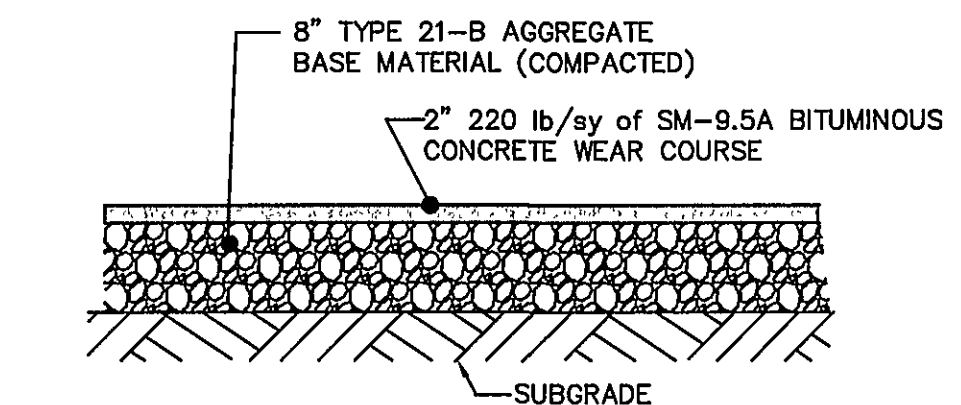


ROAD 'A' PAVEMENT DESIGN BEYOND STA 17+75 TO BE BASED ON AN ADT OF 330 AND A PREDICTED CBR OF 7.0

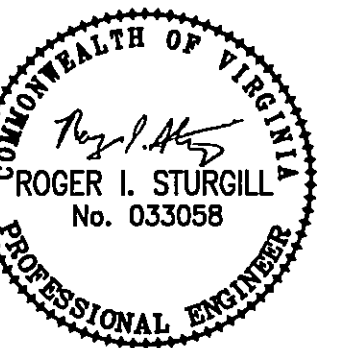
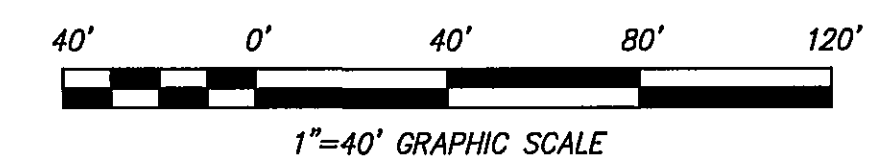
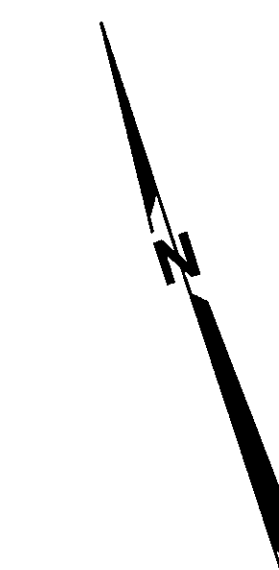
ROAD 'B' PAVEMENT DESIGN TO BE BASED ON AN ADT OF 360 AND A PREDICTED CBR OF 7.0

ROAD 'C' PAVEMENT DESIGN TO BE BASED ON AN ADT OF 160 AND A PREDICTED CBR OF 7.0

CBR TESTS AND FINAL PAVEMENT SPECIFICATIONS TO BE PROVIDED TO VDOT RESIDENCY FOR APPROVAL PRIOR TO INSTALLATION



NOTE:
THE PRELIMINARY PAVEMENT DESIGNS SHOWN ARE BASED ON A PREDICTED SUB-GRADE CBR VALUE OF 7.0 AND A RESILIENCY FACTOR (RF) OF 2.0 AS SHOWN IN APPENDIX I OF THE "2000 VIRGINIA DEPARTMENT OF TRANSPORTATION PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS". THE SUB-GRADE SOIL IS TO BE TESTED BY AN INDEPENDENT LABORATORY AND THE RESULTS SUBMITTED TO VDOT FOR REVIEW AND APPROVAL PRIOR TO BASE CONSTRUCTION. SHOULD THE SUB-GRADE CBR VALUE AND/OR THE RF VALUE BE LESS THAN THE PREDICATED VALUES, ADDITIONAL BASE MATERIAL WILL BE REQUIRED IN ACCORDANCE WITH THE DEPARTMENTAL SPECIFICATIONS. REFER TO THE SAME MANUAL FOR THE NUMBER AND LOCATIONS OF THE REQUIRED SOIL SAMPLES TO BE TESTED.
THE SUB-GRADE SHALL BE APPROVED BY VDOT PRIOR TO PLACEMENT OF THE BASE. BASE SHALL BE APPROVED BY VDOT FOR DEPTH, TEMPLATE AND COMPACTION BEFORE SURFACE IS APPLIED. THE SUBBASE WILL NOT BE INSPECTED BY VDOT PRIOR TO RECEIVING THE CBR TESTS AND SOIL CLASSIFICATIONS. CONTACT VDOT SEVEN (7) DAYS PRIOR TO SCHEDULING PLACEMENT OF AGGREGATE BASE COURSE(S) FOR AN INSPECTION.



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FAX: 540/248-3221

FAIRCREST

BELLEVIEW
GARDEN

DIMENSIONAL PLAN
ROANOKE COUNTY, VIRGINIA

DRAWN BY: CPB

DESIGNED BY: CPB

CHECKED BY: JVJ

DATE: 10/31/06

REVISIONS:

12/07/06
12/12/06
02/18/08
04/18/08
04/29/08
07/07/08

SCALE: 1"=40'

SHEET NO.

C-4

JOB NO.
R0400130.01