### LEGEND

CULVERT

PROPOSED PAVEMENT

DEPTH OF PAVED DITCH

JUTE MESH OR SODDED DITCH DEPTH OF JUTE MESH DITCH

DRIVEWAY CULVERT AND SIZE BENCH MARK

VDOT STANDARD STOP SIGN

PROPOSED SPOT ELEVATION

EXISTING SANITARY SEWER PROPOSED SANITARY SEWER

SEWER CONNECTIONS

M.H. NUMBER w/ STATION OR COORDINATE LOCATION

**BORING** 

WATER

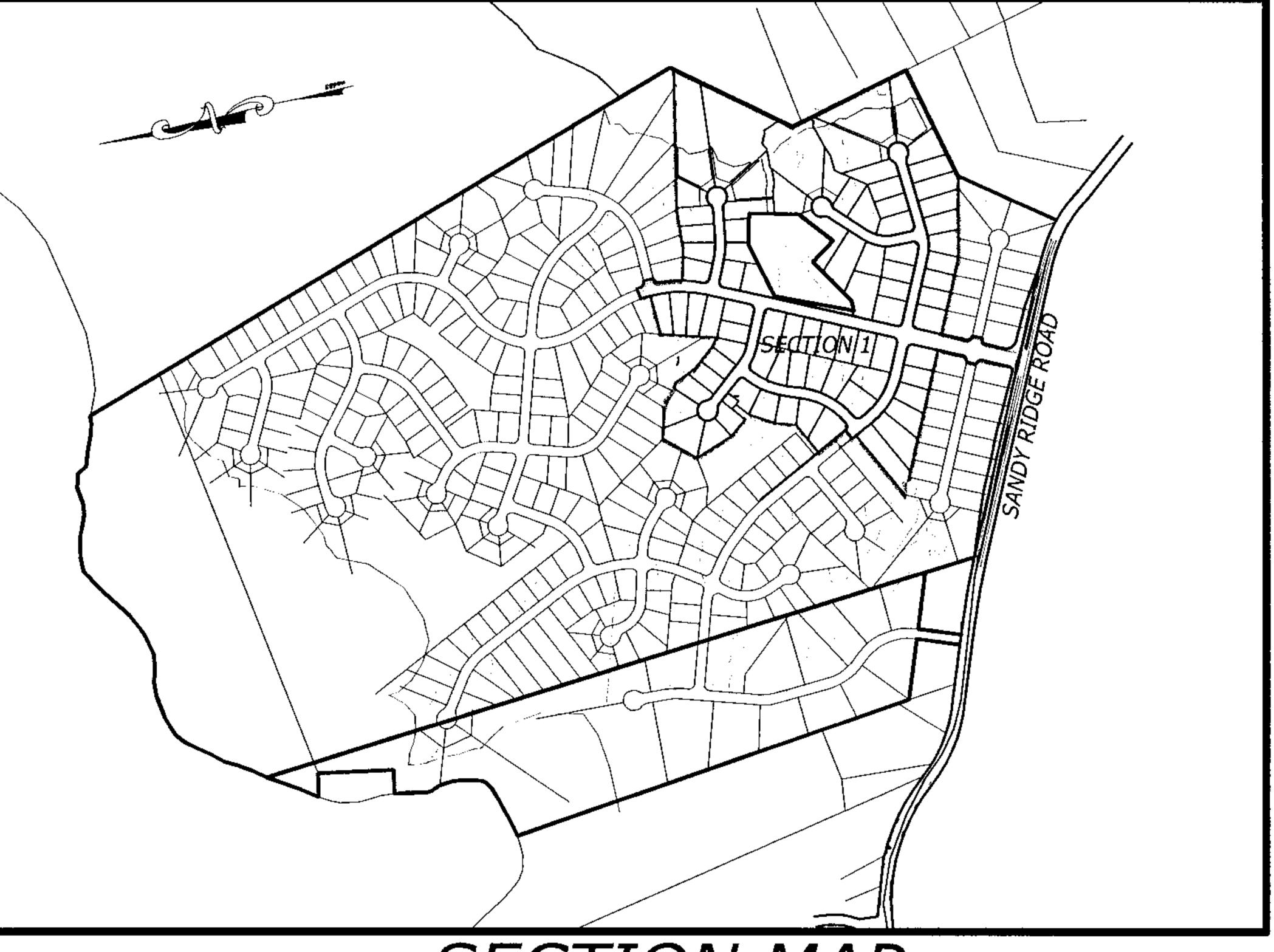
EXISTING WATER LINE PROPOSED WATER LINE

FIRE HYDRANT (COMPLETE) SINGLE SERVICE CONNECTION

DATE	SHEET NUMBERS	BY
07-13-05	ALL	KNH
10-10-05	ALL	KNH
11-22-05	C1.0, C1.1, C2.0, C2.1, C2.2, C2.3, C3.0, C3.1, C3.5, C4.0, C4.1	KNH
01-04-06	C1.0-C3.1, C3.4, C3.5, C4.0, C4.1	KNH

# THE MEADOWS AT PRINCE GEORGE SECTION 1

# BLAND DISTRICT PRINCE GEORGE COUNTY, VIRGINIA



# SECTION MAP

OWNER/DEVELOPER APRIL 11, 2005

TAX MAP: 13-(A)-60 & 13-(3)-4

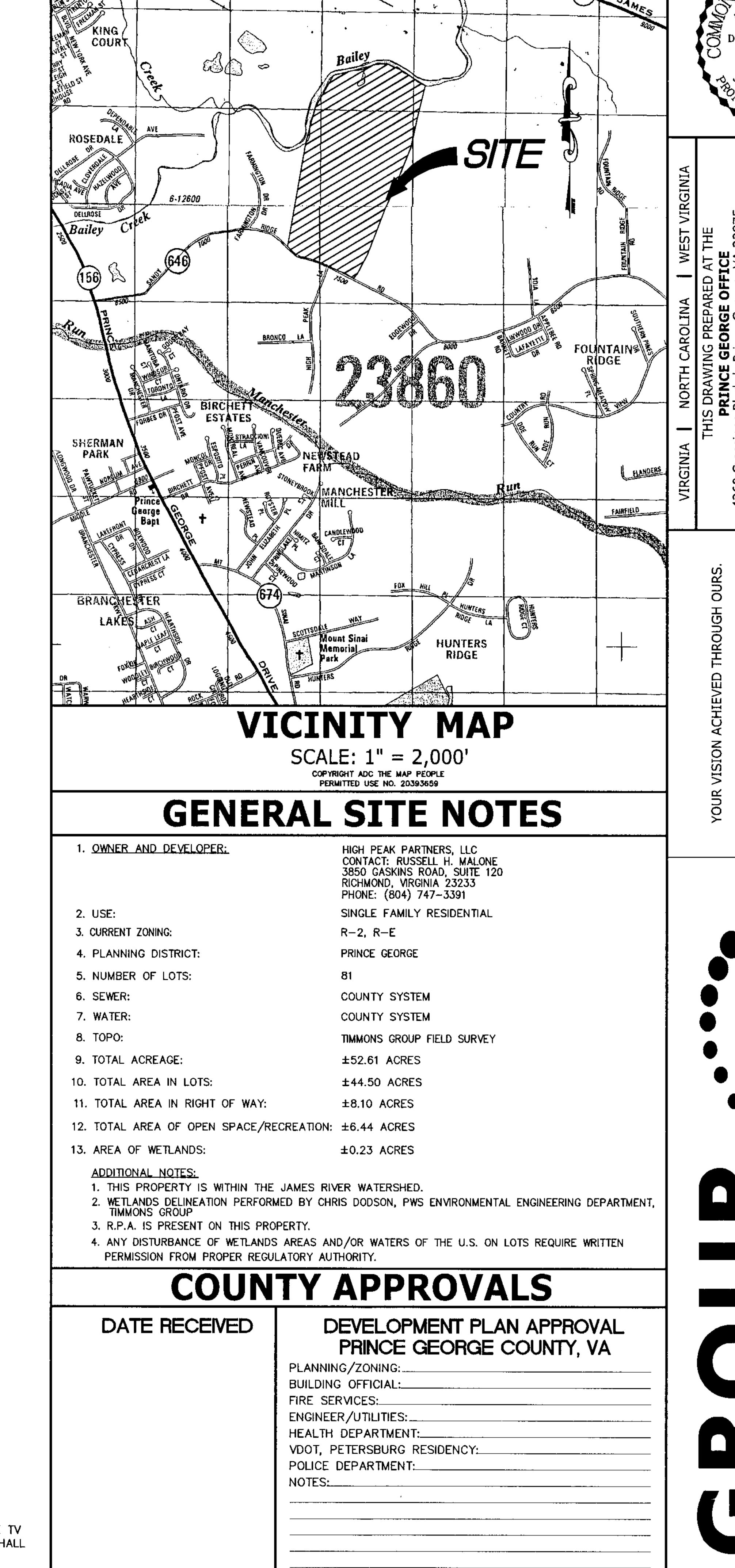
### VIRGINIA DEPARTMENT OF TRANSPORTATION PETERSBURG RESIDENCY SUBDIVISION AND SITE CONSTRUCTION PLAN GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS AND STANDARDS.
- LAND USE PERMITS (CE-7P) MUST BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE EXISTING STATE MAINTAINED RIGHT OF WAY (INCLUDING ACCESS).
- VDOT IS TO RECEIVE WRITTEN NOTIFICATION 48 HOURS PRIOR TO COMMENCING WITH INITIAL CONSTRUCTION ACTIVITIES.
- FEDERAL, STATE AND LOCAL AGENCIES. WORKSHEET APPENDIX IV SHALL BE INCLUDED WITH THE INITIAL PLAN SUBMITTAL FOR EACH PROPOSED PAVEMENT SECTION
- UTILIZING THE PREDICTED SOIL SUPPORT VALUE SHOWN IN APPENDIX I OF THE PAVEMENT DESIGN GUIDE. 6. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY
- LINES, WATER LINES, ETC., PRIOR TO CONSTRUCTION. UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUB GRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT A GEOTECHNICAL ENGINEER AND VDOT. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE GEOTECHNICAL ENGINEER, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT VDOT SPECIFICATIONS.
- 8. ALL STORM SEWER DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH VDOT I & I LD-94 (D) 121.13. 9. ALL STORM SEWER PIPES SHALL BE REINFORCED TONGUE AND GROOVE CONCRETE PIPE IN ACCORDANCE WITH ASTM-C-76. PIPE WITHIN THE RIGHT OF WAY SHALL BE A MINIMUM CL-III OR GREATER IN ACCORDANCE WITH CURRENT VOOT STANDARDS AND
- SPECIFICATIONS. 10. IF PRE-CAST UNITS ARE TO BE USED, VDOT SHALL BE NOTIFIED AND THE MANUFACTURER SHALL SUBMIT DRAWING DETAILS FOR REVIEW. CERTIFICATION AND VDOT STAMP WILL BE REQUIRED ON ALL UNITS.
- 11. ALL CONCRETE SHALL BE CLASS A3-AE (AIR ENTRAINED 3,000 PSI). 12. ALL ENTRANCES ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT VDOT STANDARDS. RESIDENTIAL LOT
- ACCESS SHALL BE PROVIDED PER THE FOLLOWING CRITERIA: (a) VDOT ROLLTOP ENTRANCES SHALL BE INSTALLED WHEN LOCATED ALONG ROLLTOP CURB AND GUTTER. THE CONTRACTOR
- IS TO LOCATE THE ENTRANCE FOR INSPECTION FOR INSPECTION BY VDOT 48 HOURS PRIOR TO ENTRANCE INSTALLATION. (b) VDOT STANDARD CG-9D ENTRANCES SHALL BE INSTALLED WHEN LOCATED ALONG CG-6 CURB AND GUTTER. THE SAW-CUTTING REMOVAL OF THE STANDING CURB IS UNACCEPTABLE WHEN INSTALLING AN ENTRANCE ON EXISTING CURB AND GUTTER. CONTACT VDOT FOR INSPECTION 48 HOURS PRIOR TO ENTRANCE INSTALLATION.
- 13. THE DEVELOPER IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL TRAFFIC CONTROL SIGNS WITHIN THE DEVELOPMENT AS DIRECTED BY VDOT. 14. DESIGN CHANGES SPECIFYING MATERIALS CHANGES AND/OR FIELD CHANGES FROM THE APPROVED PLANS SHALL BE RESUBMITTED TO
- DRAINAGE COMPUTATIONS. AND SHALL BE SUBMITTED. TO VDOT FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER. 15. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND/OR PROPOSED RIGHT OF WAY REQUIRED BY THE DEVELOPMENT.

VDOT PRIOR TO PROCEEDING WITH THE WORK. A LETTER OF EXPLANATION SHALL ACCOMPANY THE REVISED PLANS AND/OR

- 16. ALL STREETLIGHTS SHALL BE LOCATED A MINIMUM OF 9.5' FROM THE EDGE OF PAVEMENT ON CURB AND GUTTER STREETS AND/OR LOCATED A MINIMUM OF 5.5' BEHIND THE DITCH LINE ON OPEN DITCH STREETS.
- SERVICE TRUNK LINES. THE CASING SLEEVES SHALL BE MANUFACTURED IN STRICT COMPLIANCE TO ASTM D1785 AND ASTM D2665 AND SHALL MANUFACTURED FROM A TYPE I, GRADE I PVC COMPOUND WITH A CELL CLASIFICATION OF 12454 PER ASTM D1784.
- 19. ALL ROADSIDE DITCHES SHOWN AS PAVED ON PLANS ARE TO BE PAVED IN ACCORDANCE WITH THE STANDARD TYPICAL SECTION AS SHOWN ON THE PLANS. GENERALLY, ALL DITCHES WITH SLOPES EXCEEDING 5% OR LESS THAN 0.75% SHALL BE PAVED UNLESS
- OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. 20. VDOT APPROVAL OF THESE PLANS WILL EXPIRE THREE (3) YEARS FROM THE DATE OF APPROVAL.
- COURSE(S). CONTACT VOOT FOR SUBGRADE INSPECTION 48 HOURS PRIOR TO SCHEDULING PLACEMENT OF AGGREGATE BASE
- COURSE(S
- 22. THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- 23. VDOT SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT VDOT FOR INSPECTION OF THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
- 24. AN ACTUAL COPY OF THE COMPLETE CBR REPORT, INCLUDING THE CBR TEST LOCATIONS, SHALL BE SUBMITTED TO VOOT IN CONJUNCTION WITH FINAL PAVEMENT DESIGNS. ALL PAVEMENT DESIGN RECOMMENDATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT FOLLOWS: FOR STREETS LESS THEN 200' IN LENGTH, ONE TEST IS TO BE PERFORMED. FOR STREETS 200' TO 500' IN LENGTH. TWO TESTS ARE TO BE PERFORMED INCLUDING ONE AT EACH INTERSECTION WITH AN EXISTING ROAD AND FOR STREETS LONGER THEN 500' A TEST IS TO BE PERFORMED AT EACH INTERSECTION WITH AN EXISTING ROAD AND EVERY 500'.
- 25. A GEOTECHNICAL ENGINEER IS TO ASCERTAIN CAUSE AND CERTIFY RECOMMENDED METHOD OF REPAIR FOR ALL PAVEMENT STRUCTURAL FAILURES PRIOR TO STATE ACCEPTANCE.
- 26. ALL VEGETATION AND ORGANIC MATERIAL IS TO BE REMOVED FROM THE RIGHT OF WAY LIMITS PRIOR TO CONDITIONING OF THE
- 27. CERTIFICATION AND SOURCE OF MATERIALS SHALL BE SUBMITTED TO VDOT FOR ALL MATERIALS AND BE IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE STANDARDS.
- 28. THE NECESSITY AND LOCATIONS FOR ADDITIONAL VDOT STANDARD UNDERDRAINS TO BE DETERMINED AT TIME OF SUBGRADE INSPECTION BY THE RESIDENT ENGINEER. 29. APPROVAL OF A DETAILED CONSTRUCTION SEQUENCING/MAINTENANCE OF TRAFFIC NARRATIVE FOR THE WORK ZONE IS A PREREQUISITE
- FOR ISSUANCE OF A LAND USE PERMIT ALLOWING ACCESS TO AND CONSTRUCTION WITHIN VOOT MAINTAINED RIGHT-OF-WAY. 30. VDOT SHALL BE PROVIDED DOCUMENTATION THAT ALL IN-PLACE PAVEMENTS MEET OR EXCEED THE APPROVAL PAVEMENT DESIGN THICKNESS PRIOR TO STATE ACCEPTANCE.
- 31. ALL PLANS FOR PROPOSED NON-STANDARD IMPROVEMENTS THAT ARE TO BE INSTALLED WITHIN THE ULTIMATE VOOT RIGHT OF WAY; IE., SIDEWALK, PAVEMENT SECTIONS, LANDSCAPING, IRRIGATION SYSTEMS, LIGHTING, BOLLARDS, SIGNAGE, ETC., MUST BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

32. DITCHES AND STORM SEWER OUTFALLS WITHIN THE RIGHT OF WAY SHOWN AS NOT REQUIRING PROTECTION SHALL BE INSPECTED BY VDOT AFTER THE CONSTRUCTION IS COMPLETE. ANY AREAS THAT ARE ERODING SHALL BE STABILIZED AS DIRECTED BY VDOT.



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