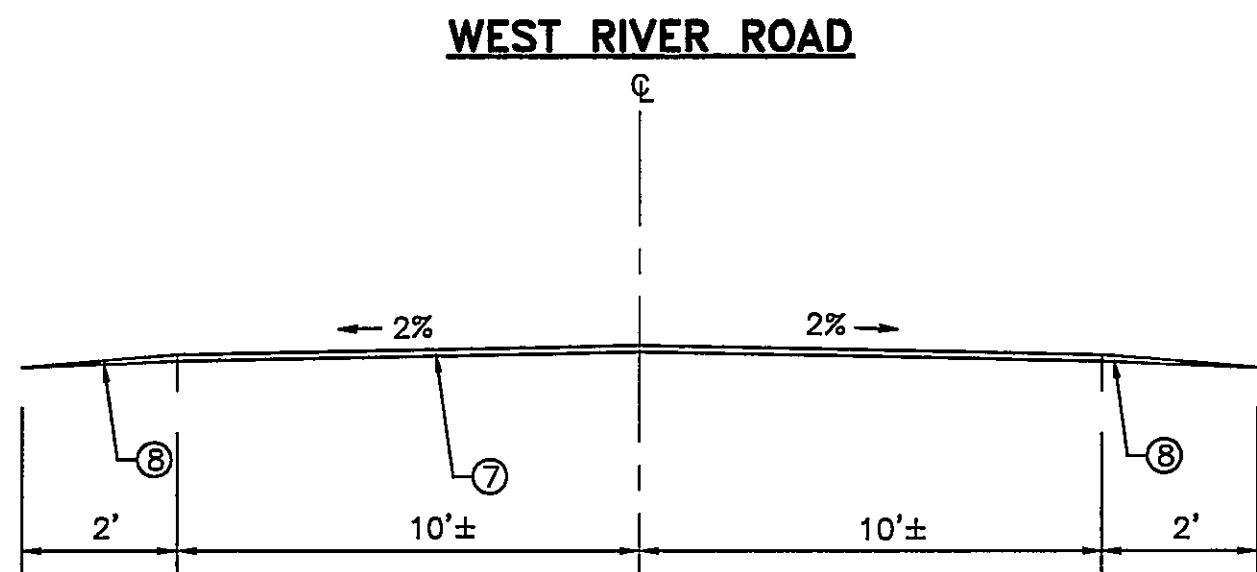


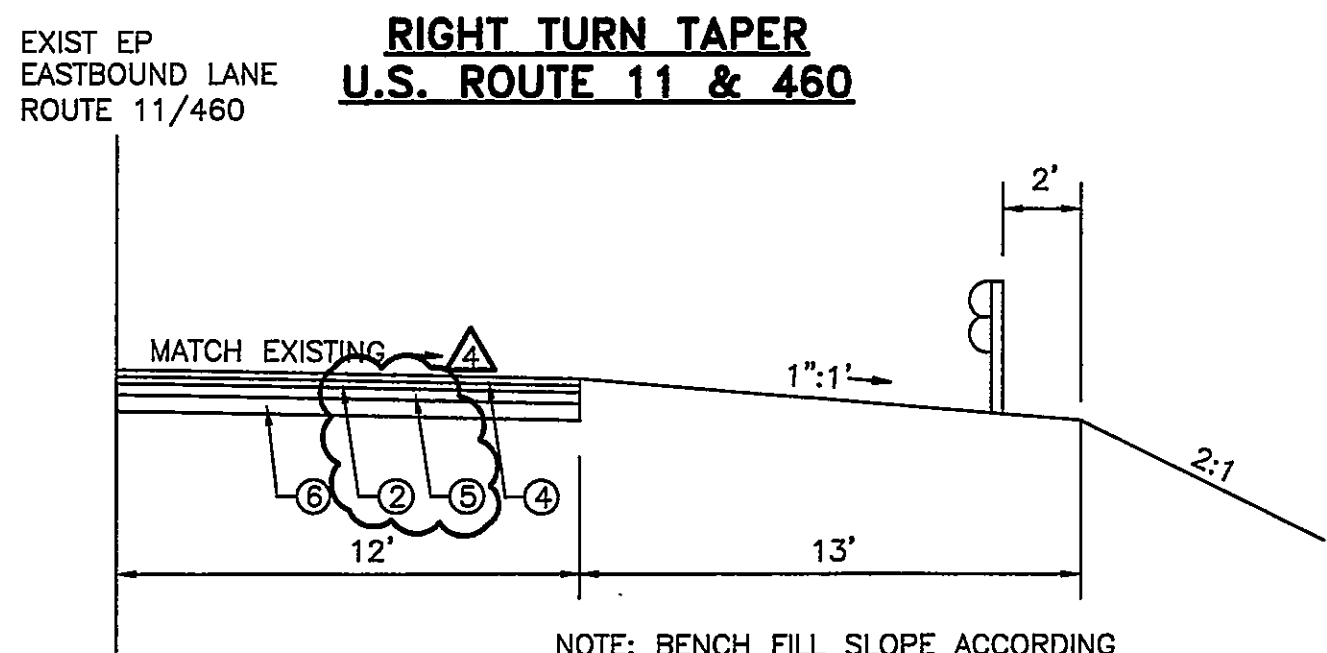
GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD AND BRIDGE SPECIFICATIONS, DATED 2002, TO INCLUDE ANY SPECIAL PROVISIONS AND COPIED NOTES; VDOT ROAD AND BRIDGE STANDARDS, DATED JANUARY 1, 2001; VDOT WORK AREA PROTECTION MANUAL, DATED JANUARY 2005, AS AMENDED BY THE CONTRACT PROVISIONS; VIRGINIA DEPARTMENT OF CONSERVATION VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, THIRD EDITION, 1992, AND THE COMPLETE PLAN ASSEMBLY.
2. CONSTRUCTION SIGNS AND POSTS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE INSTALLATION, SIGN, AND POST COST SHALL BE INCLUDED WITH THE LUMP SUM PRICE BID FOR MAINTENANCE OF TRAFFIC.
3. ALL MAINTENANCE OF TRAFFIC ITEMS FOR LANE CLOSURES ON ROUTE 11/460 AND ROUTE 639, WEST RIVER ROAD, WILL BE PERFORMED IN ACCORDANCE WITH THE CURRENT WORK AREA PROTECTION MANUAL AND INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC. THESE ITEMS SHALL INCLUDE BUT NOT BE LIMITED TO FLAGGING, SIGNAGE, ARROW HEADS, TRUCK MOUNTED ATTENUATOR, TEMPORARY PAVEMENT MARKINGS, AND GROUP II CHANNELIZING DEVICES.
4. THE PAVEMENT MATERIALS ON THIS PROJECT WILL BE PAID FOR ON A TONNAGE BASIS. THE WEIGHT WILL VARY IN ACCORDANCE WITH THE SPECIFIC GRAVITY OF AGGREGATES AND THE ASPHALTIC CONTENT OF THE MIX ACTUALLY USED TO SECURE THE DESIGN DEPTH. THE WEIGHT OF THE ASPHALT CONCRETE IS BASED ON 95% OF THEORETICAL MAXIMUM DENSITY. (SEE VDOT IIM LD-00(D) 158.9)
5. THE TEMPORARY EROSION AND SILTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO PROVIDE A GENERAL PLAN FOR CONTROLLING EROSION AND SILTATION WITHIN THE PROJECT LIMITS. THE CONTRACTOR, IN CONJUNCTION WITH THE PROJECT ENGINEER AND/OR ENVIRONMENTAL MONITOR, SHALL ADJUST THE LOCATION, QUANTITY AND TYPE OF EROSION AND SILTATION CONTROLS REQUIRED BASED ON THEIR SEQUENCE OF CONSTRUCTION AND ACTUAL FIELD CONDITIONS.
6. ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
7. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
8. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
9. THE CONTRACTOR SHALL INSTALL ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
10. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
11. NO WORK SHALL COMMENCE ON SITE UNTIL A LAND DISTURBANCE PERMIT IS ISSUED BY ROANOKE COUNTY.
12. THE COUNTY MUST BE NOTIFIED WHEN THE WORK COMMENCES AND WHEN THE PROJECT IS COMPLETED.
13. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE, THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AT HIS OWN INITIATIVE AND EXPENSE. (MISS UTILITY 1-800-552-7001)
14. ALL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AND OTHER CRITERIA ADOPTED BY ROANOKE COUNTY UNLESS A VARIANCE HAS BEEN GRANTED IN WRITING.
15. CONTRACTOR SHALL COORDINATE ENTRANCE GRADES WITH ELEVATIONS AND LOCATIONS OF EXISTING ROADS, AND STREETS.
16. TOP OF MANHOLES AND INLETS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY EXACT ELEVATION REQUIRED TO ASSURE STRUCTURE HEIGHT COMPLIES WITH THE PURPOSE OF THE STRUCTURE AND CONFORMS WITH ADJACENT FINISHED GRADES.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES REQUIRED BY THE STATE OF VIRGINIA, ROANOKE COUNTY, OR OTHER GOVERNING AGENCIES INVOLVED UNDER THIS CONTRACT.
18. THE CONTRACTOR SHALL VERIFY ALL LINES, LEVELS, GRADES, ELEVATIONS, AND DIMENSIONS SHOWN ON THESE PLANS. ANY DISCREPANCIES DISCOVERED SHALL BE IMMEDIATELY REPORTED TO THE COUNTY/WESTERN VIRGINIA JAIL AUTHORITY FOR RESOLUTION. WORK ON THE AFFECTED PORTION OF THE PROJECT SHALL BE STOPPED UNTIL SUCH DISCREPANCIES HAVE BEEN RESOLVED TO THE SATISFACTION OF THE COUNTY.
19. THE REMOVAL AND DISPOSAL OF EXISTING GUARDRAIL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE PRICE BID FOR OTHER PAY ITEMS.
20. CONTRACTOR SHALL NOTIFY NORFOLK AND SOUTHERN (N.S.) MAINTENANCE FIELD SUPERINTENDENT, STEVE OBENCHAIN (540) 230-3101, PRIOR TO PERFORMING ANY WORK WITHIN THE N.S. RIGHT OF WAY.

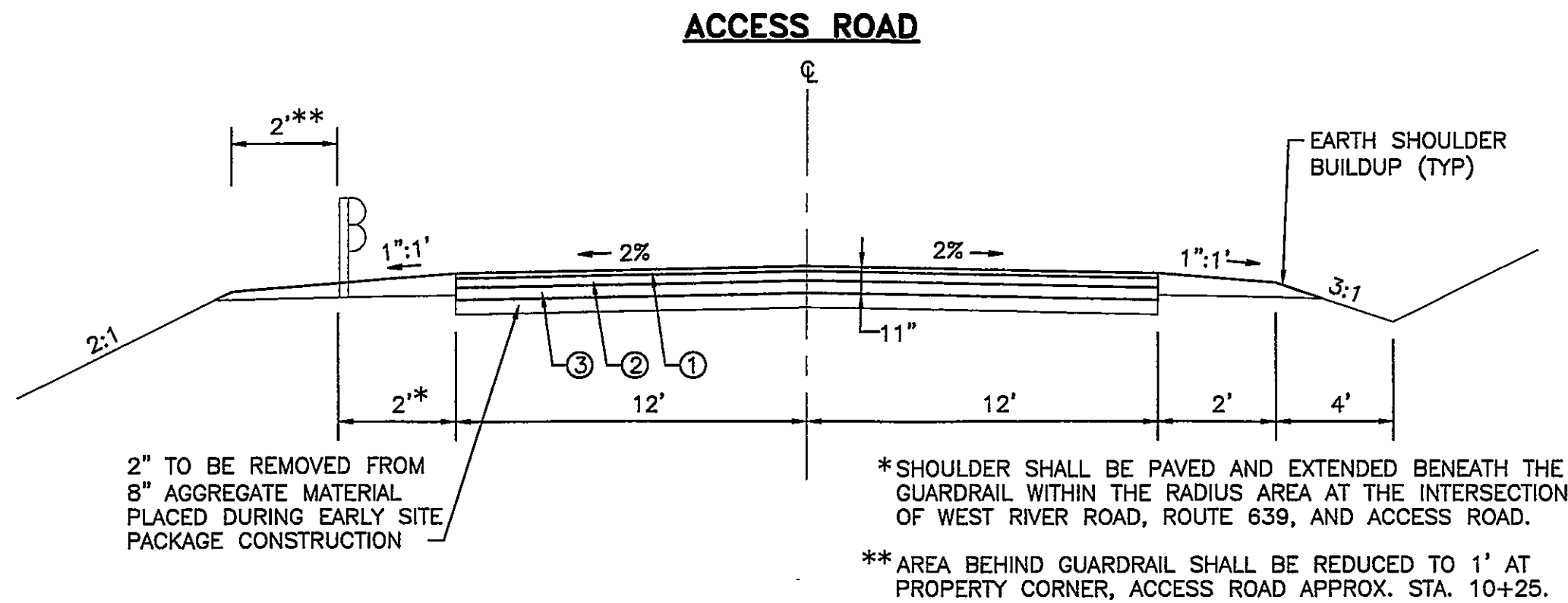
QUANTITY SUMMARY		
PAY ITEM	UNIT	QUANTITY
REGULAR EXCAVATION	CY	194
EMBANKMENT	CY	814
CLEARING AND GRUBBING	LS	1
MAINTENANCE OF TRAFFIC	LS	1
EROSION AND SEDIMENT CONTROL		
TEMPORARY SILT FENCE	LF	865
EROSION CONTROL STONE, CLASS I, EC-1	TON	316
INCIDENTAL		
GUARDRAIL GR-2	LF	65
RADIAL GUARDRAIL GR-2	LF	60
CRUSHER RUN AGGREGATE NO. 25 OR 26	TON	19
TYPE A PAVEMENT LINE MARKING 4"	LF	3441
TYPE A PAVEMENT LINE MARKING 24"	EA	56
PAVEMENT MESSAGE MARKING ELONGATED ARROW, SINGLE	LF	2
REMOVE 2" NO. 1 STONE	CY	224
SAWCUT	LF	42
SIGN PANEL	SF	6.25
PAVEMENT		
ASPHALT CONCRETE TYPE SM-12.5A	TON	463
ASPHALT CONCRETE TYPE IM-19.0D	TON	710
AGGREGATE BASE MATERIAL NO. 21B	TON	1463
ASPHALT CONCRETE, CURB BACKUP MATERIAL	TON	14
ASPHALT CONCRETE CURB TY MC-3B	LF	240
ASPHALT CONCRETE TYPE SM-9.5D	TON	8
ASPHALT CONCRETE BASE COURSE, TYPE BM-25.0	TON	34
ROADSIDE DEVELOPMENT		
REGULAR SEED	LB	56
OVERSEED	LB	35
LIME	TON	1
FERTILIZER	TON	0.17
TOPSOIL CLASS A, 2"	AC	0.29



TYPICAL SECTION

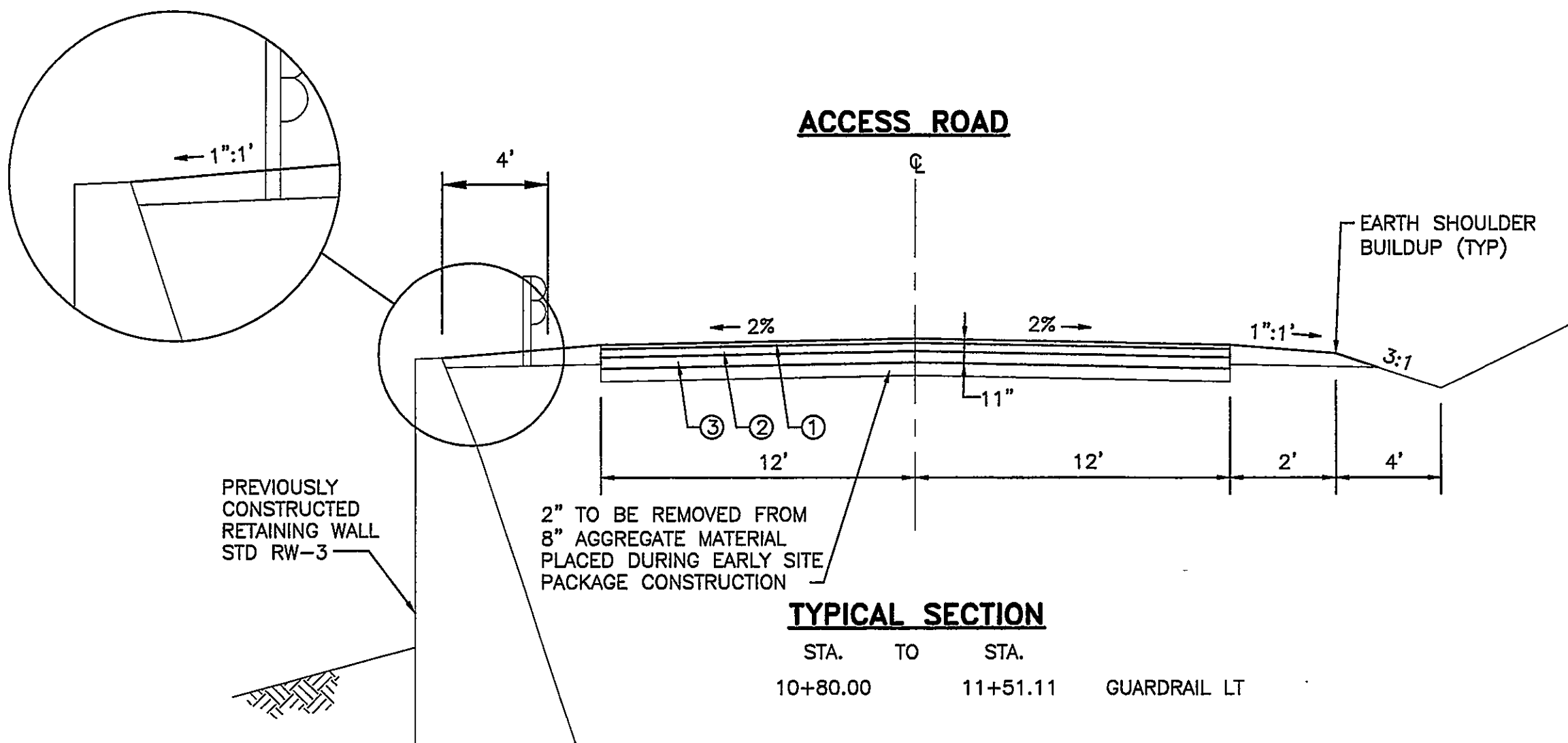


TYPICAL SECTION



TYPICAL SECTION

STA.	TO	STA.	
10+10.64	10+80.00	GUARDRAIL LT	
11+51.11	11+58.38	GUARDRAIL LT	
11+5838	25+02.54		



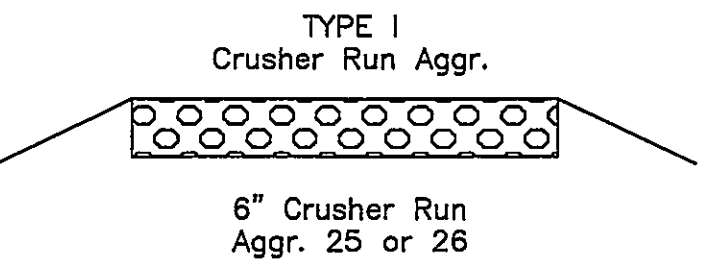
TYPICAL SECTION

STA.	TO	STA.	
10+80.00	11+51.11	GUARDRAIL LT	

LEGEND

- ① ASPHALT CONC. SURFACE, VDOT TYPE SM-12.5A, 2" @ 230 LBS/SY  
② ASPHALT CONC. INTERMEDIATE, VDOT TYPE IM-19.0D, 3" @ 345 LBS/SY  
③ 6" AGGREGATE BASE MATERIAL, VDOT TYPE 1, NO. 21B  
④ ASPHALT CONC. SURFACE VDOT TYPE SM-9.5D, 1.5" @ 170 LBS/SY  
⑤ 2" ASPHALT CONC. BASE, VDOT TYPE BM-25.0A @ 798 LBS/SY  
⑥ 8" AGGREGATE BASE MATERIAL, VDOT TYPE 1, NO. 21B  
⑦ ASPHALT CONC. SURFACE, VDOT TYPE SM-9.5D, 2" @ 230 LBS/SY  
⑧ CRUSHER RUN AGGREGATE NO. 25 OR 26 SHOULDER WEDGE

PRIVATE ENTRANCE, STD PE-1

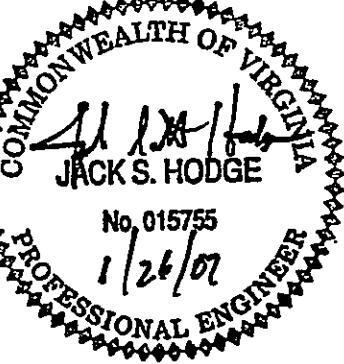


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Faassen & Associates, Inc.

Food Service & Laundry Consultant  
8526 Sunflower Road  
Charlotte, NC 28227

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Security/Detention Consultant  
Cookeville, Tennessee

WESTERN VIRGINIA  
REGIONAL JAIL

WESTERN VIRGINIA  
REGIONAL JAIL AUTHORITY

ROANOKE COUNTY, VIRGINIA

REV	DATE	DESCRIPTION	APP
3	10/24/06	ADDENDUM 3	JMC
4	11/14/06	REVIEW COMMENTS	JMC

COMM NO: 10075

ISSUE DATE: FEBRUARY 1, 2007

DESIGNED BY: DRAWN BY: MCS

CHECKED BY: SUBMITTED BY: JMC

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CIVIL

GENERAL NOTES,  
TYPICAL SECTION,  
AND QUANTITY SUMMARY

CT001