



INTERSECTION NOTES:

1. NEW PAVEMENT MARKINGS SHALL BE APPLIED TO IDENTIFY THE RIGHT-TURN LANE ONTO NEWLAND ROAD AND INTO THE SITE IN ADDITION TO THE INTERSECTION STRIPING FOR NEWLAND ROAD AND PETERS CREEK ROAD. ALL WORK TO BE COORDINATED WITH VDOT, 387-5488 TO ACQUIRE THE NECESSARY PERMITS AND SCHEDULE THE HOURS TO OPERATION.
2. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CURBING. ALL CURBING SHALL BE REPLACED THAT IS DAMAGED DURING THE CONSTRUCTION OF THIS PROJECT.
3. THE SAW CUT ALONG ROUTE 1825 AND ROUTE 117 SHALL BE A MINIMUM OF 1' INTO THE EXISTING PAVEMENT OR TO THE FULL DEPTH OF PAVEMENT, WHICHEVER IS GREATER. THE G.C. IS TO ENSURE THAT THE CROSS SLOPE OF THE ROAD MATCHES THE TAPER CROSS SLOPE TO ENSURE DRAINAGE DOES NOT RUN ALONG THE SEAM IN THE PAVEMENT.

PAVEMENT STRIPING NOTES:

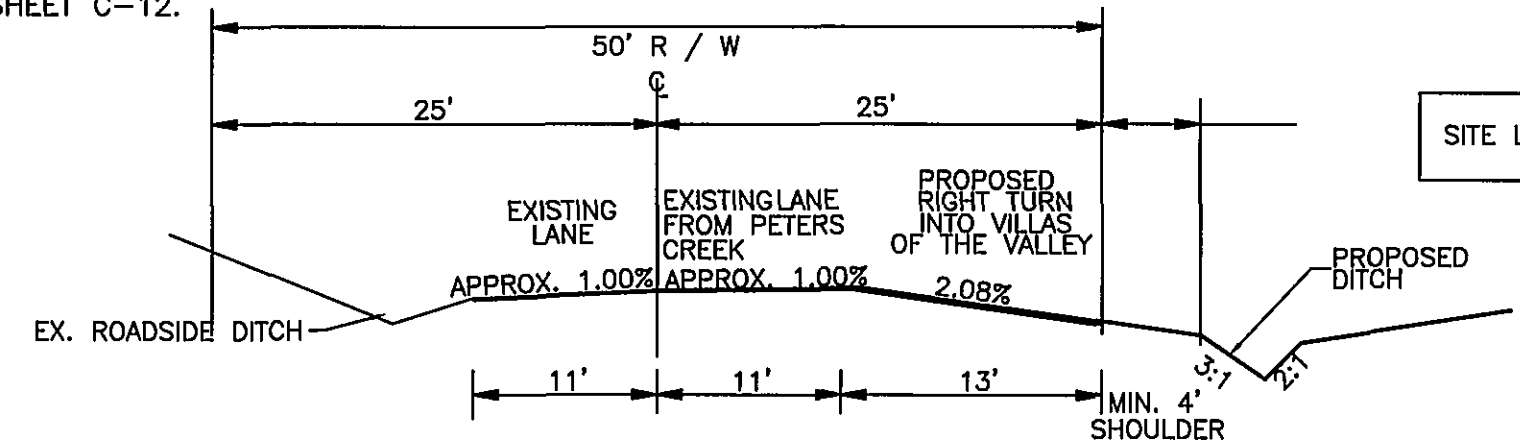
1. PAVEMENT MARKINGS ON THIS PROJECT ARE TO BE INSTALLED IN ACCORDANCE WITH SECTION 704 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD AND BRIDGE STANDARDS, LATEST EDITION.
2. PAVEMENT MARKINGS SHALL CONSIST OF CENTER LINES (4"), LANE LINES (4"), STOP LINES (24"), DIAGONAL LINES AT 45° ANGLE (24" O.C.) AND SYMBOL MARKERS (ELONGATED ARROWS) AS DEPICTED ON THIS SHEET.
3. CENTER LINES AND LANE LINES SHALL BE YELLOW AND WHITE PAINT MATERIAL, RESPECTIVELY..
4. PAVEMENT MARKING FOR STOP LINES AND SYMBOL MARKERS SHALL BE HIGH DURABILITY RETRO-REFLECTIVE "STAMARK" BRAND PAINT POLYMER PAVEMENT MARKING TAPE GRADE SERIES 5730, 6330, AND SMS-900 AS MANUFACTURED BY 3M OR EQUAL. COLOR SHALL BE WHITE.
5. REFER TO VDOT STD/ PM-3 FOR ADDITIONAL REQUIREMENTS FOR THE PAVEMENT LANE MARKINGS. (LATEST EDITION)
 - a. SKIP LINES SHALL CONSIST OF 4" WIDE WHITE LINE, 2' LONG WITH A 4' GAP.
 - b. SPACING BETWEEN DOUBLE SOLID YELLOW LINES SHALL BE 4"
 - c. EDGE LINES SHALL BE BETWEEN A 4" MIN. AND 8" MAX. OFF OF THE EXISTING OR PROPOSED EDGE OF PAVEMENT.
6. REFER TO SHEETS C-4,C-5 FOR ADDITIONAL DIMENSIONS.

MAINTENANCE OF TRAFFIC NOTE:
ENTRANCE SAW CUTS & RIGHT OF WAY WORK:

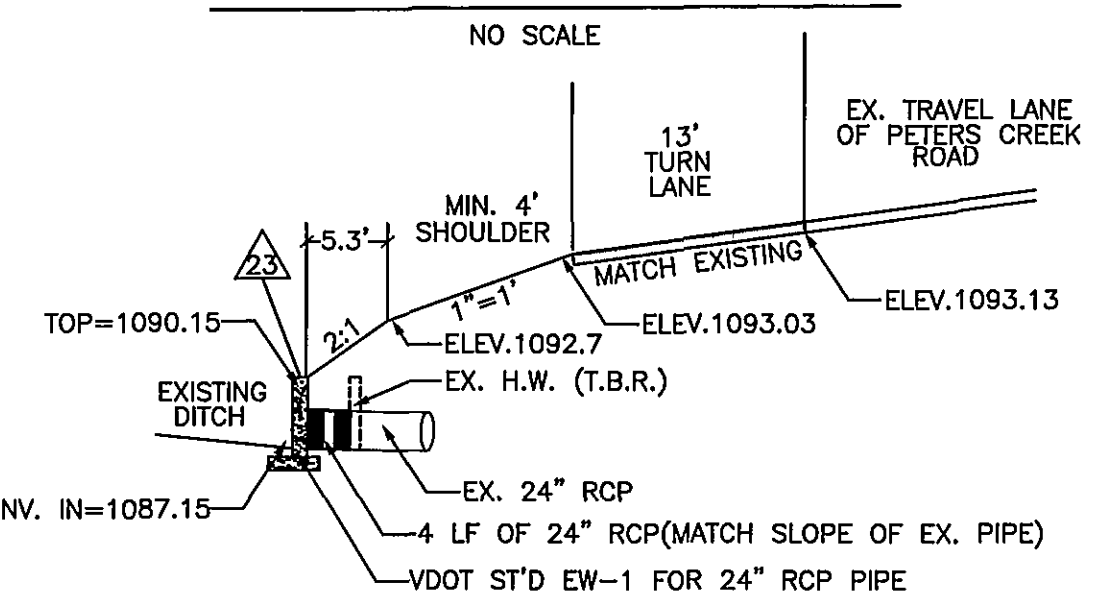
PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY, THE GENERAL CONTRACTOR SHALL PREPARE A MAINTENANCE OF TRAFFIC PLAN AND ACQUIRE APPROVAL FROM THE LOCAL VDOT OFFICE. WORK MUST BE DONE IN THE RIGHT OF WAY BETWEEN THE HOURS OF 9AM-3PM. UPON RECEIVING APPROVAL, THE G.C. IS RESPONSIBLE FOR THE TRAFFIC CONTROL. ONCE THE PAVEMENT CUT HAS BEEN MADE INTO THE TRAVEL LANE, THE CONTRACTOR MUST LEAVE THE LANE CLOSED UNTIL THE FINISH PAVEMENT HAVE BEEN PLACED. ALL WORK SHALL CONFORM TO THE VIRGINIA WORK AREA PROTECTION MANUAL.

SANITARY SEWER CONNECTION IN NEWLAND ROAD:

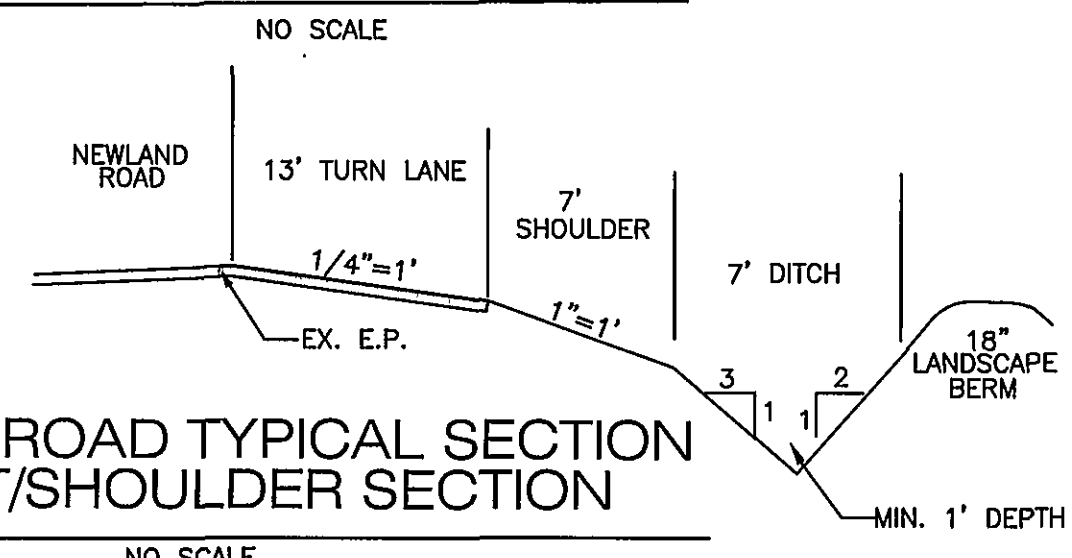
1. G.C. SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN TO THE LOCAL VDOT OFFICE FOR REVIEW AND APPROVAL PRIOR TO ANY CONSTRUCTION OF THE PROPOSED SANITARY LINE WITHIN THE RIGHT OF WAY.
2. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING SANITARY SEWER MANHOLE. THE DEVELOPER/CONTRACTOR SHALL ADHERE TO ALL VDOT RIGHT OF WAY WORK REQUIREMENTS, OSHA STANDARDS, AND WVWA INSTALLATION PROCEDURES WHEN INSTALLING THE NEW 8" S.S. LINE.
3. THE G.C. SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES TO MAXIMIZE INSTALLATION EFFICIENCY AND TO MINIMIZE LANE CLOSURES ON NEWLAND ROAD.
4. THE G.C. SHALL CONSTRUCT THE ONSITE SANITARY SEWER LINE TO THE EXISTING EP OF NEWLAND ROAD. THE LINE SHALL HAVE A TEMPORARY CAP INSTALLED UNTIL INSTALLATION OF THE REMAINING PORTION OF THE LINE IS COMPLETED. THE G.C. SHALL THEN COORDINATE WITH THE APPROPRIATE CONTRACTOR TO GRADE THE SHOULDER AND PAVE A PORTION OF THE PROPOSED TURN LANE LOCATED ON NEWLAND ROAD, SO THAT THERE WILL BE AT LEAST ONE 12' LANE OF TRAFFIC AVAILABLE AT ALL TIMES FOR NEWLAND ROAD DURING THE OPEN-CUT INSTALLATION OF THE PIPE.
5. ONCE THE TURN LANE PAVEMENT HAS BEEN INSTALLED, THE CONTRACTOR SHALL SAW CUT THE NECESSARY TRENCH TO INSTALL THE REMAINING PORTION OF 8" S.S. LINE AND TIE INTO THE EXISTING MANHOLE. THE OPEN CUT SHALL BE BACKFILLED AND COMPACTED TO VDOT STANDARDS. THE EXCAVATED AREA SHALL BE PAVED WITH THE PROPOSED PAVEMENT FOR NEWLAND ROAD AS INDICATED ON SHEET C-12.



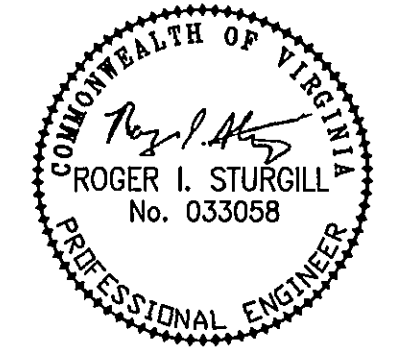
PROPOSED TYPICAL SECTION (NEWLAND ROAD)



PROPOSED TYPICAL SECTION (PETERS CREEK ROAD)



**NEWLAND ROAD TYPICAL SECTION
STREET/SOULDER SECTION**



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VILLAS OF THE VALLEY
INTERSECTION DETAIL
HOLLINS
ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 3-10-06
REVISIONS:
6-9-06
9-29-06
12-19-06
1-25-07
5-13-07

SCALE: 1"=20'
SHEET NO.
C15
JOB NO.
R0500134.01