

- NOTES:
1. CONTRACTOR SHALL NOT OPERATE ANY VALVES ON LIVE LINES. ONLY WESTERN VIRGINIA WATER AUTHORITY (WVWA) PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
 2. CONTRACTOR SHALL CONSTRUCT ALL VALVE COVERS AND MANHOLES LOCATED WITHIN THE NEW ROADWAY LIMITS SUCH THAT THEY WILL BE FLUSH WITH THE TOP OF THE OVERLAY SURFACE AND MATCH PAVEMENT SURFACE SLOPE.
 3. THE EXISTING UTILITIES ARE SHOWN SCHEMATICALLY. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE ACTUAL EXISTENCE AND LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
 4. THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES IN ADVANCE OF THE CONSTRUCTION TO ALLOW FOR INSTALLATION ADJUSTMENTS DUE TO CONFLICTS WITH THE UTILITIES.
 5. CONTRACTOR SHALL SEED AND MAINTAIN ALL DISTURBED AREAS NOT COVERED BY SIDEWALKS OR PAVEMENT IMMEDIATELY UPON COMPLETION OF FINAL GRADING. SEE SECTION 2900 "SEEDING AND MULCHING" IN THE WVWA DESIGN AND CONSTRUCTION STANDARDS.
 6. CONTRACTOR SHALL MAINTAIN SAFE ACCESSIBILITY FOR THE PUBLIC TO ALL PROPERTIES, FIRE HYDRANTS, ETC. AT ALL TIMES.
 7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SATISFY HIMSELF AS TO ALL CONDITIONS OF THE WORK PRIOR TO BIDDING. NO REPRESENTATIONS ARE MADE AS TO SUBSURFACE CONDITIONS.
 8. ALL WATER METERS DISTURBED BY CONSTRUCTION SHALL BE RAISED OR RESTORED TO THEIR ORIGINAL CONDITION BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
 9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO EXCAVATION ACTIVITIES AND SHALL CONFORM TO THE LATEST EDITION OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK."
 10. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT MUTCD MANUAL AND ALSO THE VDOT WORK AREA PROTECTION MANUAL. NOTIFY THE CITY TRAFFIC ENGINEER, MARK JAMISON, (853-2686) TWO WEEKS IN ADVANCE OF CONSTRUCTION. ONE LANE SHALL BE OPEN AT ALL TIMES WITH FLAGGING PROVIDED BY CONTRACTOR WITH WORKDAY HOURS 8 AM TO 5 PM AND WEEKEND HOURS 6 AM TO 6 PM.
 11. ALL TRENCHES WITHIN THE ROADWAYS SHALL BE BACKFILLED AT THE END OF EACH WORKDAY. NO TRENCH SHALL REMAIN OPEN OVER NIGHT OR WHEN THE CONTRACTOR IS NOT ON SITE. THE TOP 8" SHALL BE COMPACTED AGGREGATE MATERIAL 21A OR 21B AND MAINTAINED FLUSH WITH ADJACENT ROADWAY SURFACE. CONTRACTOR SHALL NOT EXCAVATE MORE TRENCH LENGTH THAN CAN BE RESTORED WITHIN THE SAME WORK DAY.
 12. CONTRACTOR SHALL BE REQUIRED TO OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR THE PROJECT. CONTACT JASON THOMAS (853-2856) FOR STREET OPENING PERMIT AND CONTACT CARRIE WOLTER (853-5473) FOR STREET/LANE CLOSURE PERMIT.
 13. AS A CONDITION OF THE STREET OPENING PERMIT, CONTRACTOR SHALL POST AND MAINTAIN EXCAVATION PROJECT SIGNS AT THE SITE THAT BEAR THE PERMITTEE'S NAME AND A 24-HOUR TELEPHONE NUMBER. SIGNS SHALL PROVIDE MINIMUM 3" LETTERING AND SHALL BE ERECTED PRIOR TO CONSTRUCTION.
 14. CONTRACTOR SHALL CONTACT WVWA 48 HOURS PRIOR TO REQUIRED TAPPING OF EXISTING WATER LINES IN ORDER TO COORDINATE WORK. CONTRACTOR SHALL FURNISH ALL MATERIALS AND EXCAVATION REQUIRED TO MAKE THE TAP, BUT THE ACTUAL TAP SHALL BE PERFORMED BY WVWA. CONTACT DAVID ADAMS AT 853-5690.
 15. IN CASES WHERE CONTRACTOR FINDS EXISTING WATER SERVICE LINES TO BE GALVANIZED WATER SERVICE LINES SHALL BE REPLACED FROM NEW MAIN TO CONSUMER LINE AT METER BOX WITH TYPE K COPPER.
 16. ALL WORK IN RIGHT-OF-WAY SHALL CONFORM TO CITY OF ROANOKE EXCAVATION AND RESTORATION STANDARDS.
 17. THE 2" METERS FOR THE PRV ASSEMBLY WILL BE PROVIDED BY THE WVWA.
 18. ALL GATE VALVES SHALL BE LEFT (COUNTER CLOCKWISE) OPEN.
 19. CONTRACTOR SHALL NOT USE THE RIGHT-OF-WAY TO STORE MATERIALS OR FOR A STAGING AREA.
 20. SIDEWALK AND CURB TO BE SAWCUT TO NEAREST JOINT AND REPAIRED PER CITY SIDEWALK STANDARD AND CITY OF ROANOKE EXCAVATION AND RESTORATION STANDARDS.
 21. PROJECT (WATERLINE, APPURTENANCES, CONSTRUCTION, ETC) SHALL CONFORM TO WVWA DESIGN AND CONSTRUCTION STANDARDS.
 22. ALL GATE AND TAPPING VALVES SHALL BE INSTALLED IN A PRECAST MANHOLE WITH FRAME AND COVER. (SEE W-08).

RECORD DRAWING

Designed: CDA
Drawn: CDA
Checked: CDA
Approved: JGR
Date: 19 JAN 2005
Project: 66VJWG
C1
Sheet 2 of 3

MILL MOUNTAIN
WATER LINE UPGRADES

