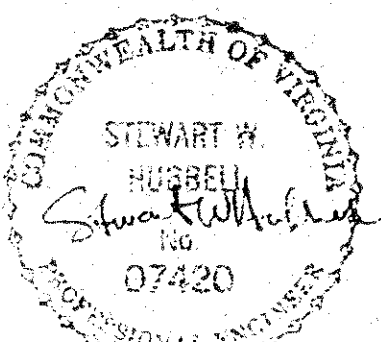
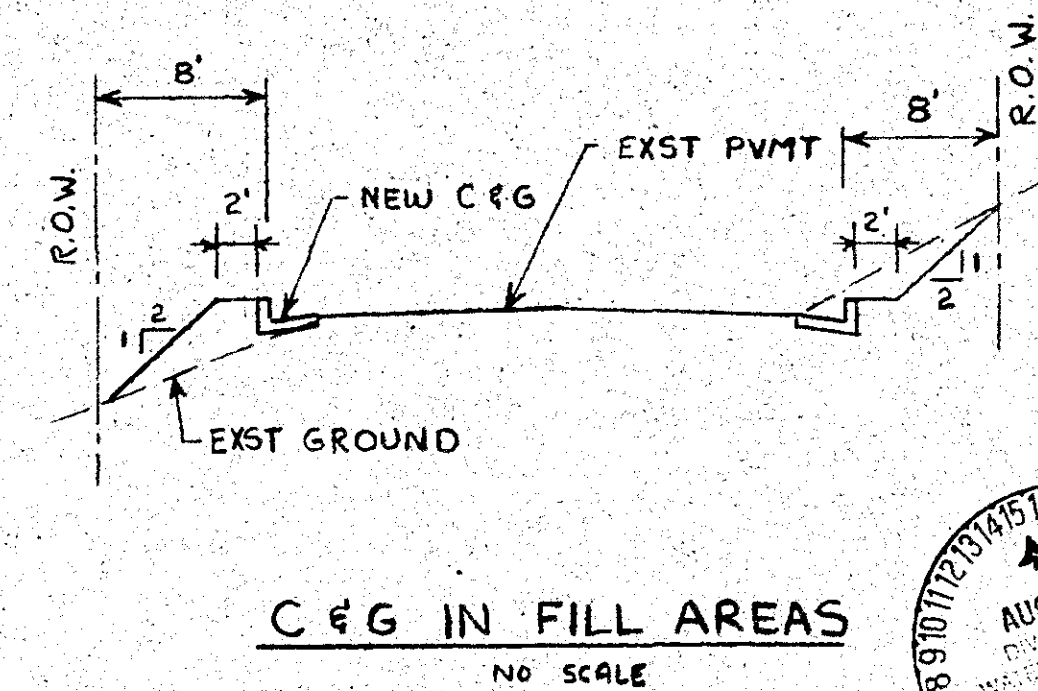
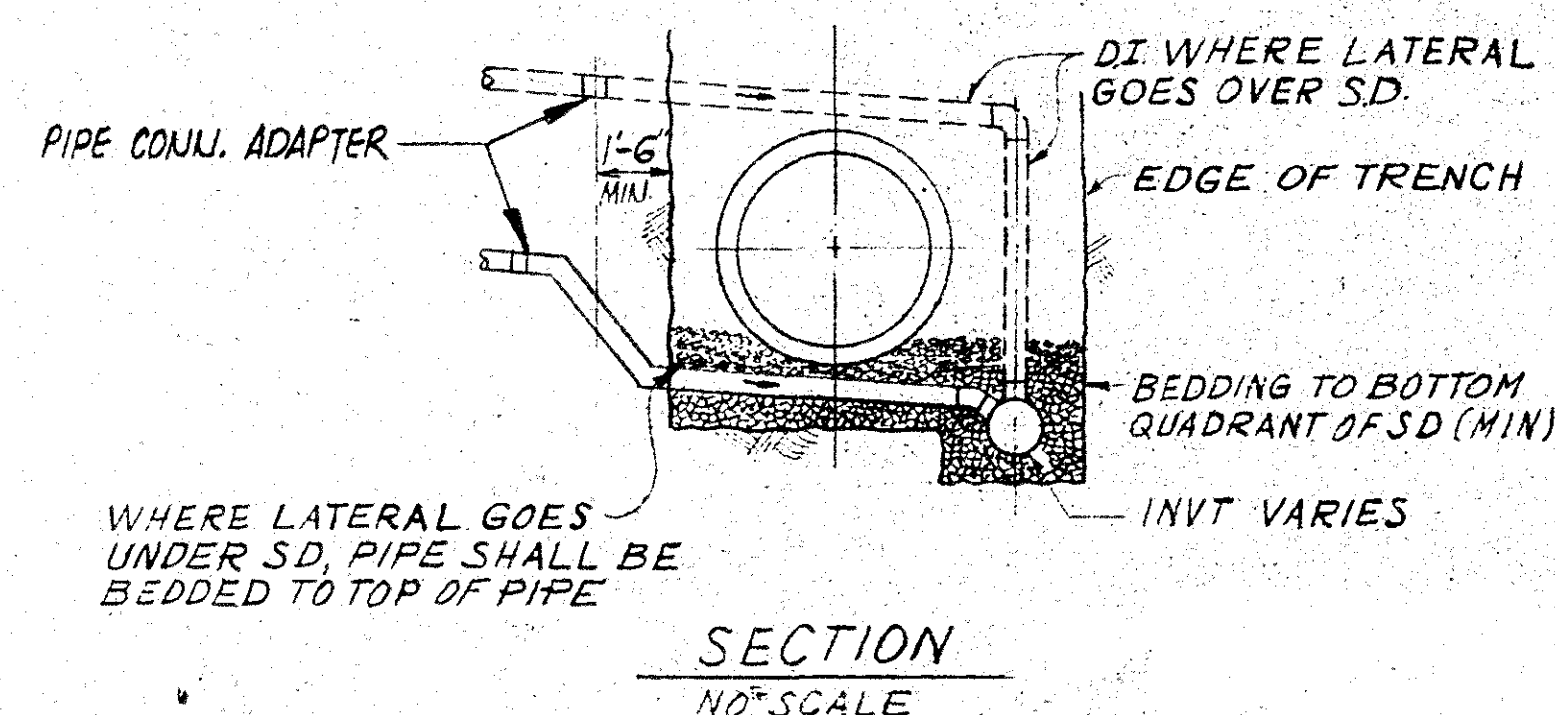
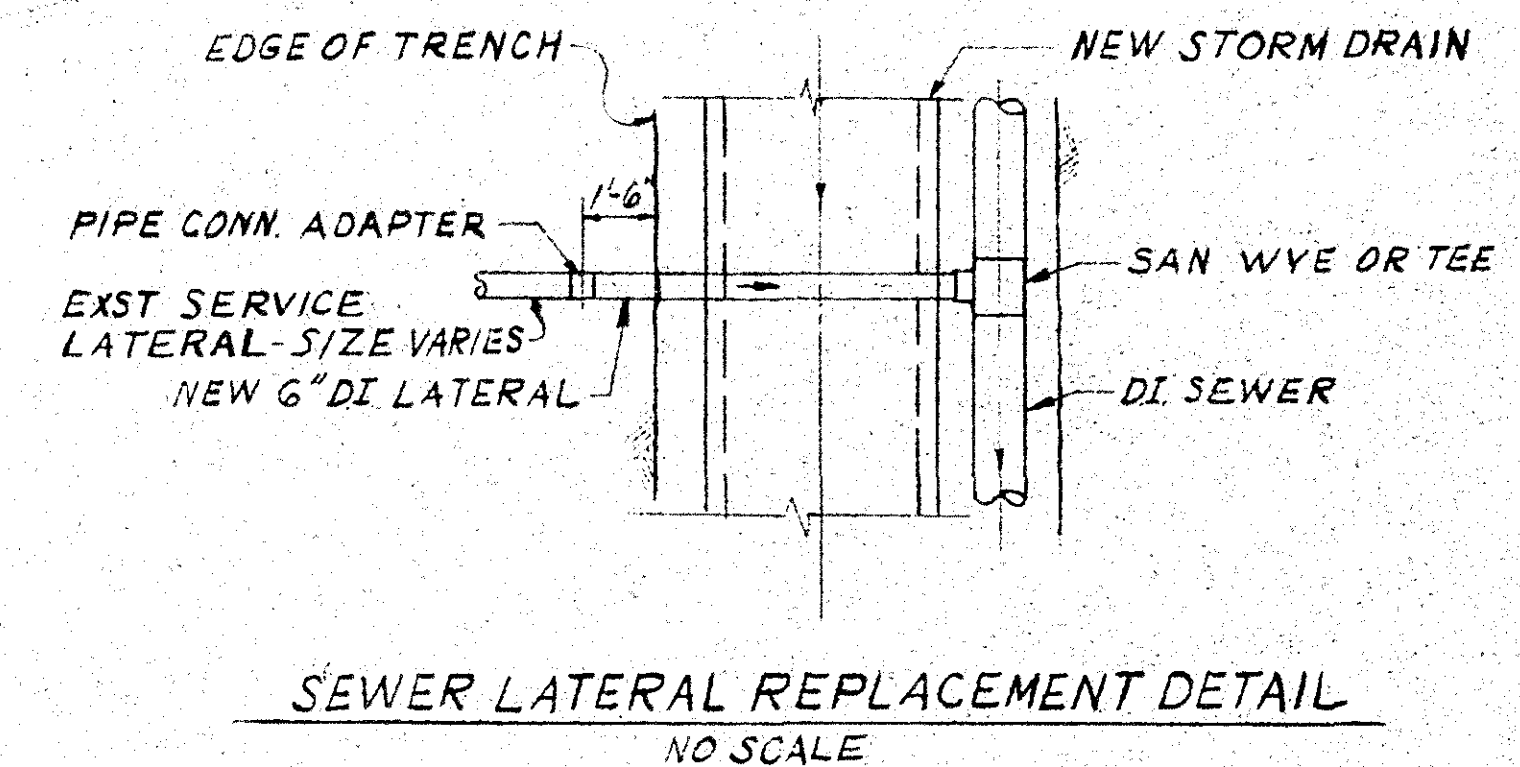


GENERAL NOTES

EXISTING	NEW	
		BUILDING WITH PORCH OR STOOP
		FOUNDATION ONLY
		CONTOUR, CONTOUR WITH ELEVATION
		SPOT ELEVATION
		CONCRETE CURB & GUTTER
		CONCRETE WALK OR SLAB
		REGRADE & NEW PVM
		PAVED ROAD
		TREE LINE
		TREE OR SHRUB
		FENCE AND GATE
		CENTERLINE OF DITCH OR SWALE
		PROPERTY LINE
		CENTERLINE OR BASELINE
		LIMIT OF WORK LINE
		FIELD SURVEY TRAVERSE POINT
		P.C. OR P.T.
		GEOLOGIC BORE HOLE
		STORM DRAIN AND ENDWALL
		SANITARY SEWER
		GAS MAIN OR SERVICE LINE
		WATER MAIN OR SERVICE LINE
		ELECTRICAL LINE
		PIPE FITTINGS AND REACTION BLOCKING
		FIRE HYDRANT
		GATE VALVE
		CLEANOUT
		MANHOLE
		DROP INLET (CURB AND GRATING TYPES)
		G.M. - GAS METER, W.M. - WATER METER
		TELEPHONE LINE
		UTILITY POLE, GUY AND ANCHOR
		PLUG EXIST PIPE (ABANDON)
		TELEPHONE PEDESTAL
		BURIED TELEPHONE VAULT
		ABANDON OR REMOVE
		DEADLINE
		PAVED DITCH
		DRIVEWAY CULVERT
		CULVERT WITH FLARED END SECTION
		IRON PIN OR PINCH PIPE
EC-1		EROSION CONTROL STONE
		STRAW BALES AND SILT TRAP
IP		STORM DRAIN INLET PROTECTION
DD		TEMPORARY DIVERSION DIKE
ST		TEMPORARY SEDIMENT TRAP
CE		TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
STB		STRAW BALE BARRIER
RR		RIPRAP
FM		FORCE MAIN

1. Existing topographic information is taken from:
 - a. Aerial photography taken by Aerial Data Reduction Associates, Inc. in March, 1983.
 - b. Field surveys performed by Guffey, Hubbell, McGhee, P.E. in March and July, 1983.
2. Elevations are USGS datum, unless otherwise indicated.
3. Grid co-ordinates shown are Virginia State Plane Co-ordinate System.
4. Bearings are from true north.
5. Contractor shall confirm the location of existing horizontal and vertical control points and shall establish any additional control points required for construction.
6. The location of existing utilities, including underground utilities, is indicated on the drawings insofar as their existence and location were known at the time of preparation of the drawings. However, nothing in these contract documents shall be construed as a guarantee that such utilities are in the location indicated or that they actually exist, or that other utilities are not within the area of operations. The Contractor shall make all necessary investigations to determine the existence and locations of such utilities. The Contractor shall pay for any damage to and for maintenance and protection of existing utilities and structures. Particular care shall be taken in working around the large, high pressure gas mains and the large diameter water pipes.
7. The Contractor is directed to dig and locate all utilities, in advance of the pipelaying, to allow for adjustments, due to conflicts with the utilities, in the horizontal and vertical location of the pipe line.
8. All existing and new manhole, hand hole and valve box tops shall be adjusted to finish grade prior to placing pavement surface course.
9. All curb and gutter is VDMAT Standard CG-6 unless otherwise noted. Transition of new curb and gutter to existing shall match existing. Either City of Roanoke Standard or VDMAT Standard CG-6.
10. Bench Mark: USGSOS Disc stamped Glade AZI. Disc is on Williamson Road 38 yards north of centerline of Sycamore Avenue at north edge of Service Station Drive, 37 yards south of centerline of Thurston Avenue leading west in top 10-inch concrete wall, and 7-feet west of east end of wall, 10 inches above side walk.
11. The Contractor shall take particular note of the Special Conditions of the Specifications regarding work in the Williamson Road right-of-way.
12. The Contractor shall note the requirements at several locations in the plans for advance digging to locate existing underground utilities.
13. The Contractor shall cooperate with the Contractor for the Contract I-A and Contract II, as these two construction contracts will be concurrent for several months. Note specifications for sequence of construction to minimize conflict problems.
14. Note the standard details in the specifications.
15. Contractor shall arrange for utility pole relocations as his schedule requires.
16. Face of all new curb and gutter and curb inlets shall be set 8' (eight feet) from right of way line unless otherwise noted.
17. All concrete pipe shall be Class III unless otherwise noted.
18. Contractor shall provide required fill material behind curb to transition to private property, and shall provide additional pavement and fill to transition new entrances to existing driveways. See Detail Below.
19. Sanitary sewer laterals; water service laterals, and gas service laterals are generally not shown; however, Contractor is required to maintain these services. Sanitary sewer laterals crossing the trench shall be replaced with ductile iron pipe.
20. Contractor shall provide a handicap ramp whether indicated or not at all corners of all intersections where new sidewalk is indicated.
21. Prior to Plugging or abandoning existing sewers, the Contractor shall connect all existing sewer laterals to the new sewer lines so that sewer service is maintained to existing connections associated with this work. The Contractor's attention is specifically called to the fact that existing sewer lines are old and record drawings of sewer connections are incomplete. The Contractor shall use excavation, TV inspection, due testing and other techniques as required to locate all existing sewer laterals. City of Roanoke shall provide Contractor with one (1) copy of the existing sewer maps of the Project Area.
22. The Plans and Supplementary Drawings shall not be scaled, and Contractor must verify all dimensions and elevations at the site prior to proceeding with the work.

[illegible]

DATE
JULY
1983
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WILLIAMSON ROAD STORM DRAIN-PHASE I

ABBREVIATIONS, LEGEND, GENERAL NOTES

ROANOKE,

CONTRACT 1

VIRGINIA