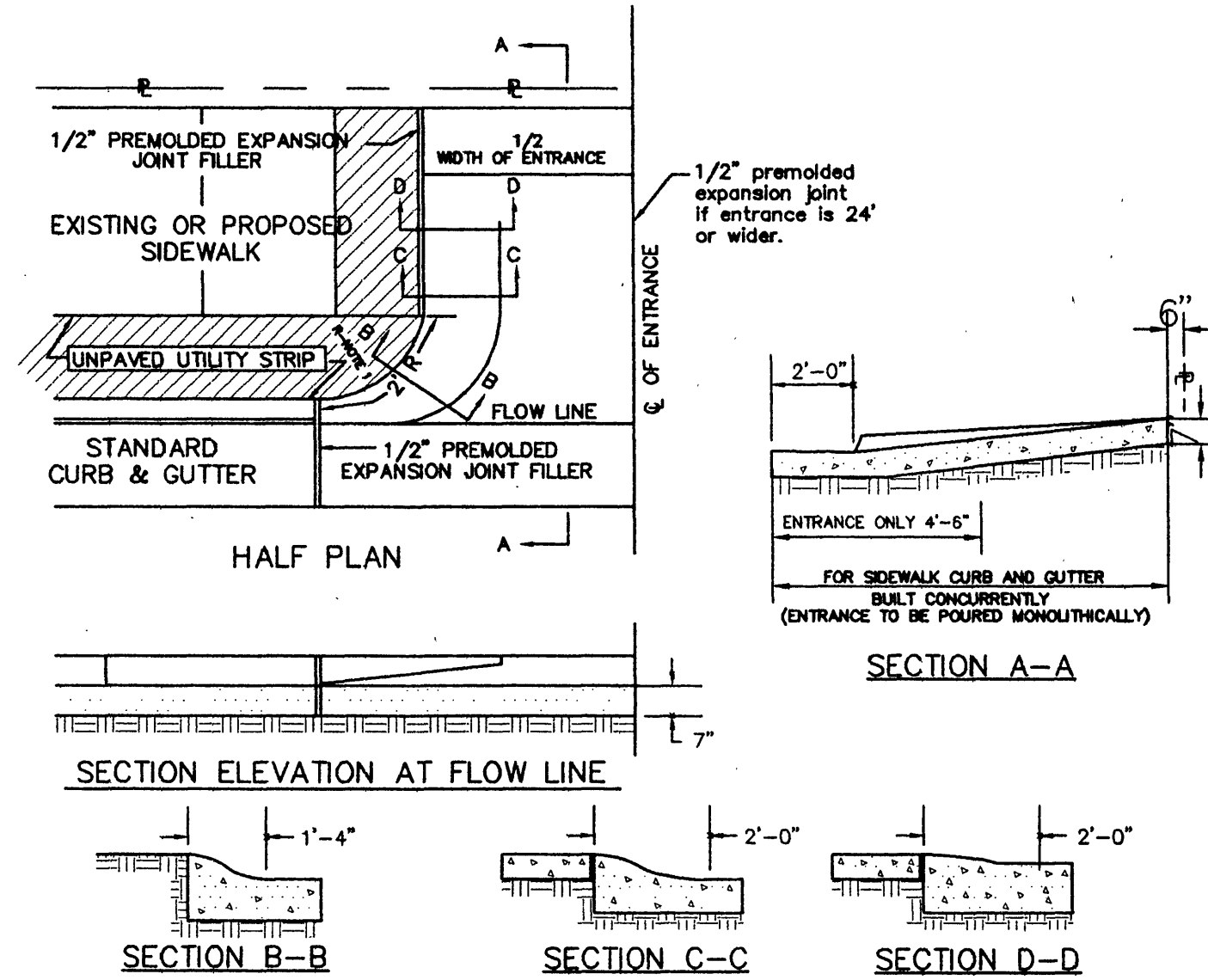
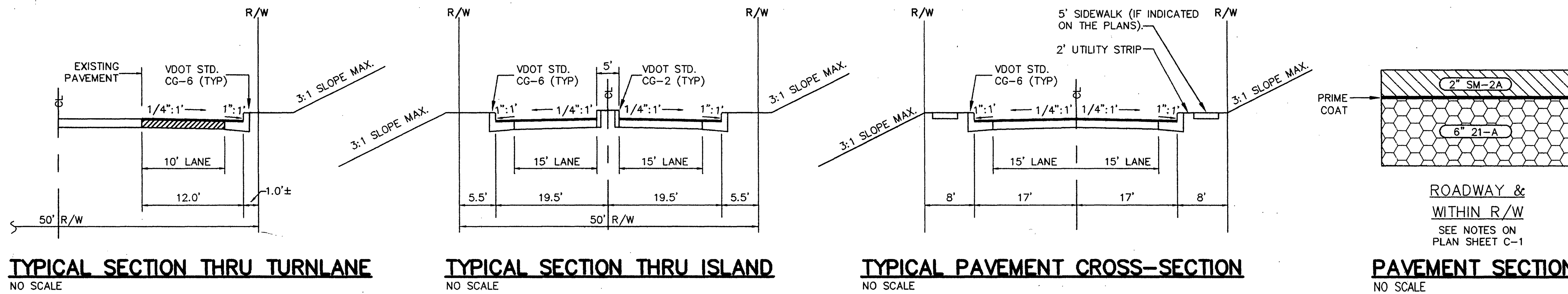




GENERAL NOTES:

- Standard residential "Entrance" shall have a curb radius (R) of 2 feet.
- Minimum Entrance width to be 12 feet at P.T. of radius return.
- Where curb & gutter already exists, both curb & gutter shall be removed. If proposed entrance falls within five (5) feet of an existing joint, removal & reconstruction shall be to that joint. Any concrete removed at other than an existing joint shall be cut with a mech. saw specifically manufactured for that purpose; this also shall apply to street pavement.
- Where sidewalk exists, or is to be constructed across driveways, the thickness thereof must correspond with the thickness of the entrance.
- Whenever "Entrances" exceed twenty-four (24) feet in width a 1/2" preformed expansion joint filler shall be installed through the center perpendicular to flow line.
- Finish: "Entrances" shall have a "course broom finish" running parallel to flow line.
- Curing shall be accomplished by the use of a liquid membrane seal containing white pigment applied at the rate of one (1) gallon per 150 square feet.
- All "Entrance Ways" shall be constructed according to City of Roanoke specifications and to line and grades approved by the City Engineering Department.
- Entrances exceeding 30 feet in width shall be approved by the City Manager.

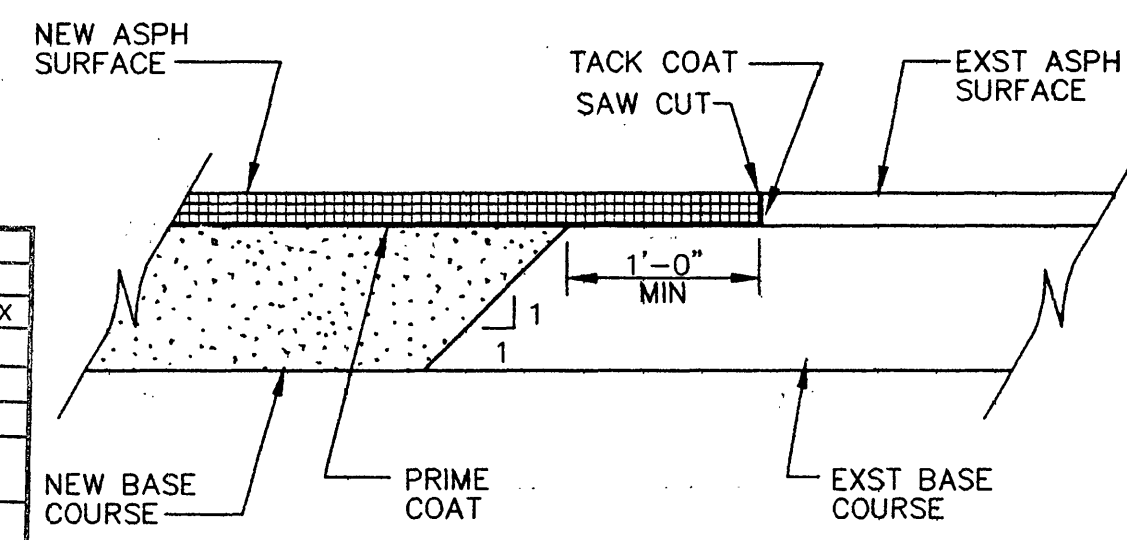
SPECIFICATIONS FOR CURB & GUTTER AND ENTRANCE WAYS

STANDARD NOTES:

- Work shall not commence in any public right-of-way before approval by an Inspector and a permit is obtained.
- Notify Construction Inspectors office, at 981-2856, 48 hours before work begins.
- Do not pour any concrete before forms are inspected and approved by an Inspector.
- Use only standard metal forms as approved by the Virginia Department of Transportation. (Wood forms will not be permitted.)
- Joints or scoremarks are to be sharp and clean without showing edges of jointing tool.
- All radius shown shall be 1/2" unless otherwise noted for preformed expansion joint.
- All concrete shall be Class A 3000 P.S.I.
- Curb radius (R) is from back of curb and gutter to back of sidewalk.

TYPICAL RESIDENTIAL ENTRANCE DETAIL

NO SCALE

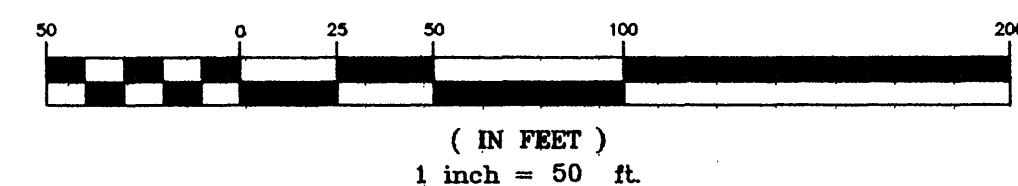


PAVEMENT TRANSITION DETAIL

NO SCALE

- PROPOSED TOP OF MANHOLE IS TO MATCH EXISTING OR PROPOSED GRADE. CONTRACTOR TO VERIFY GRADE AT MANHOLE LOCATIONS AND MAKE FIELD ADJUSTMENTS OF TOP ELEVATION TO MATCH GRADE. IF GRADE TO MEET CANNOT BE ACHIEVED, NOTIFY ENGINEER IMMEDIATELY.
- CONTRACTOR TO VERIFY INVERT PRIOR TO CONSTRUCTION. IF FIELD ADJUSTMENTS OF PROPOSED PIPE SLOPE BETWEEN SSMH #109 AND SSMH #113 IS REQUIRED, NOTIFY ENGINEER IMMEDIATELY.
- MANHOLE #111A SHALL BE INSTALLED 15 LF FROM MH#111. THIS MANHOLE SHALL BE SURROUNDED BY A 15'x15' PRIVATE SANITARY SEWER EASEMENT AND RECEIVE FORCE MAIN FLOW FROM EXISTING LOT 1, TREVINO DRIVE. 2" FORCE MAIN SHALL BE INSTALLED TO A DISTANCE 10 FEET BEYOND DRAINAGE CHANNEL, PLUGGED AND MARKED. FORCE MAIN SHALL BE SDR-26, ASTM D2241, 200 PSI POLY-VINYL CHLORIDE (PVC). JOINTS SHALL BE GELL & SPIGOT SUITABLE FOR ELASTOMERIC GASKET JOINTS AND CONFORM TO ASTM D3139. GASKETS SHALL CONFORM TO ASTM F477. CONNECT MH#111A TO MH#111 USING 8" PVC AT 1.0%.

GRAPHIC SCALE



LOCATION: Across From 1330 Johnsbury Court N.E. 7#737

CITY OF ROANOKE WATER DEPT. W.S. CORNER

FIRE HYDRANT RECORD

MAKE	DATE	SIZE	HYDRANT	CON. TO	VALVE	HYD. TO	STATIC	RESIDUAL	FLOW	DATE	REMARKS
MUELLER	1995	4 1/2	Johnsbury	6"	6"	3'	3	52.8		7-10-02	#1 Box 1995

CURVE TABLE:

CURVE	LOT #	ARC LENGTH
"A"	LOT 15	42.50'
"B"	LOT 12	39.08'
	LOT 11	98.59'
	LOT 10	26.28'
"C"	LOT 10	24.50'
	LOT 10	59.70'
	LOT 9	53.30'
	LOT 8	63.32'
"E"	LOT 7	43.04'
	LOT 7	60.81'
	LOT 6	84.18'
	LOT 5	82.57'
	LOT 4	23.09'
"F"	LOT 1	36.04'

