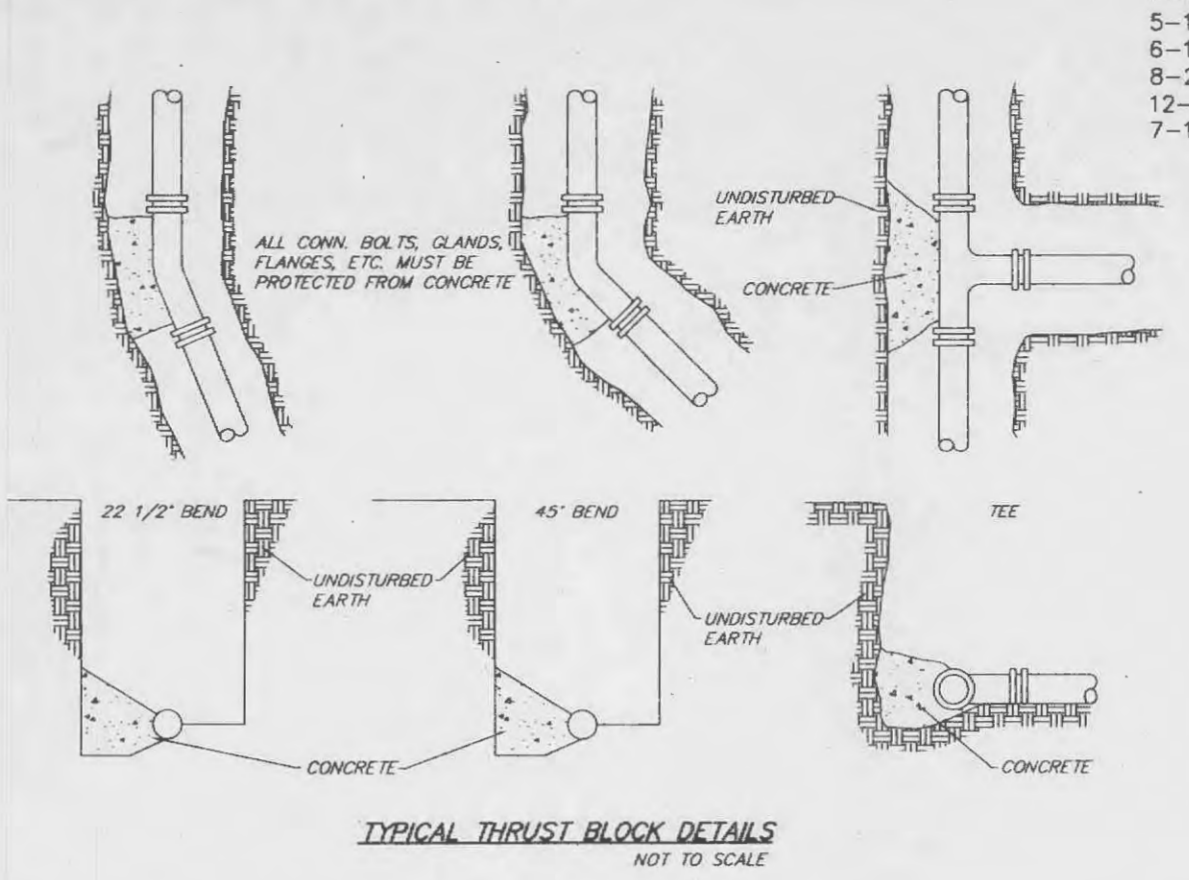
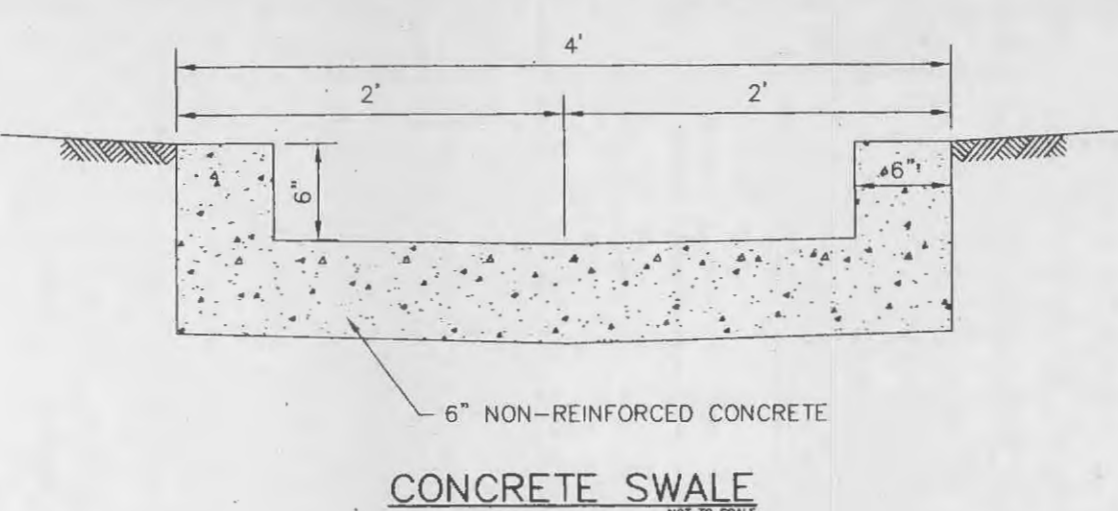
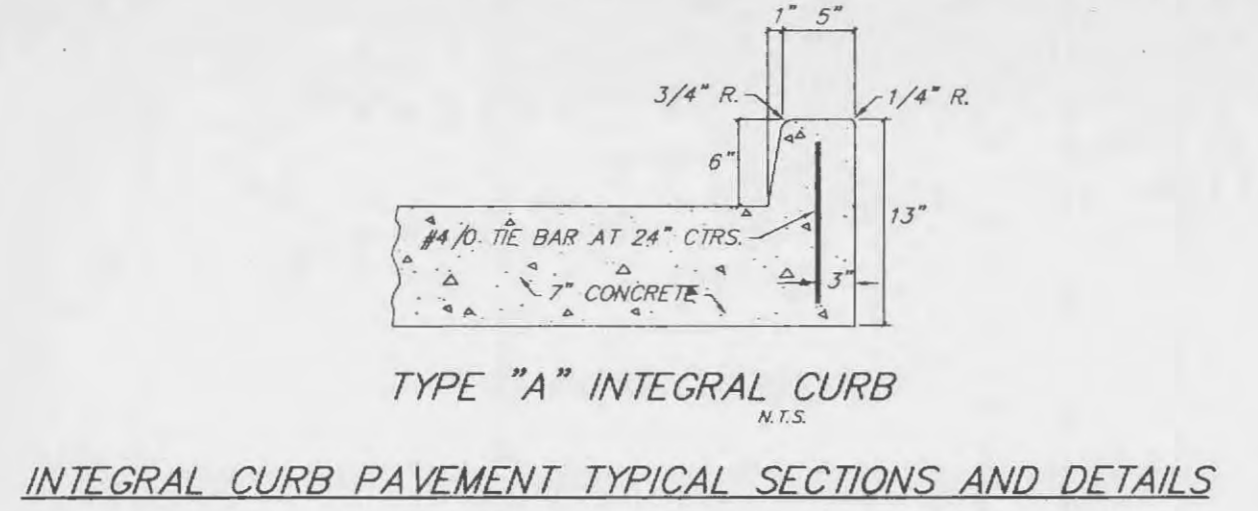
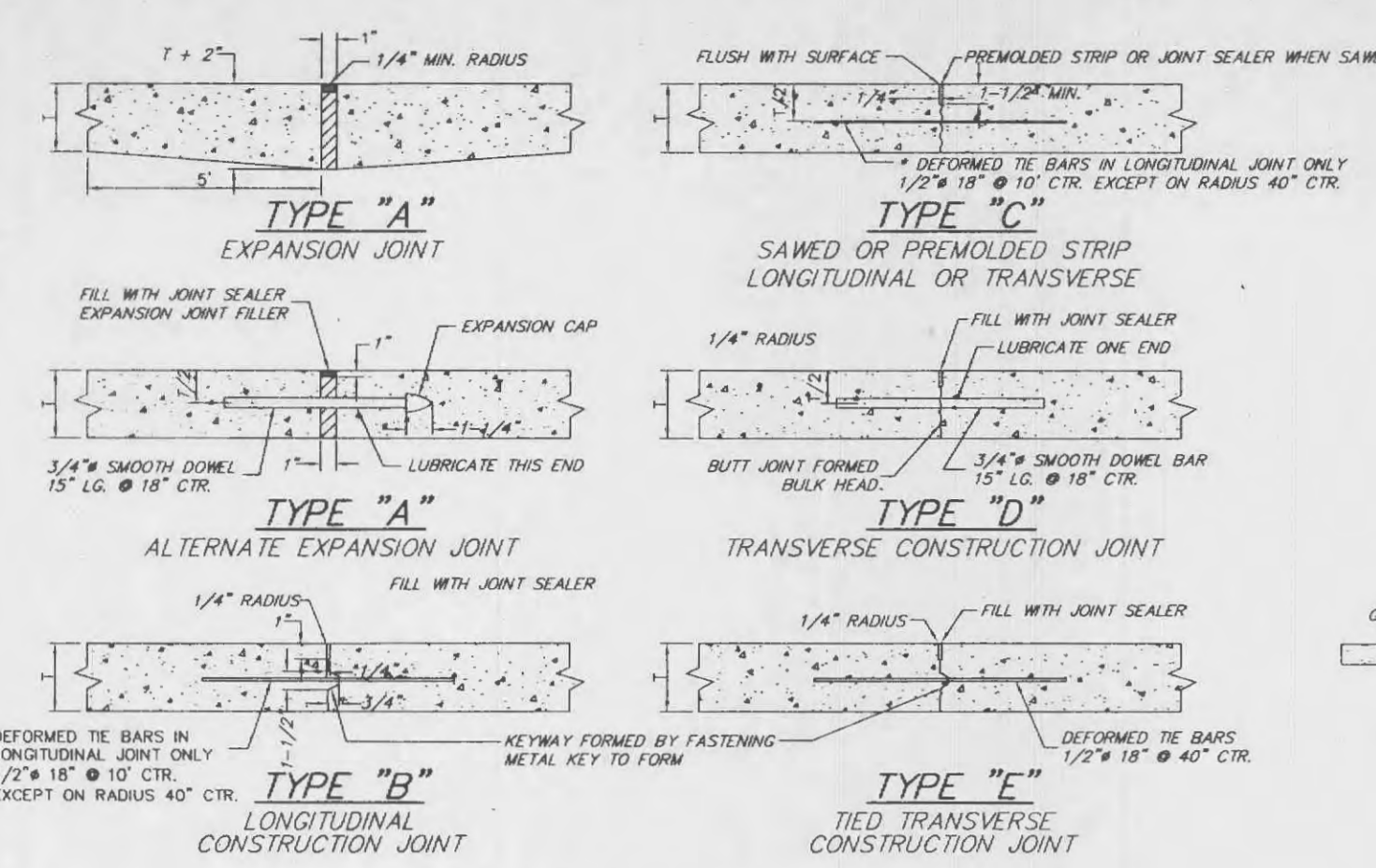
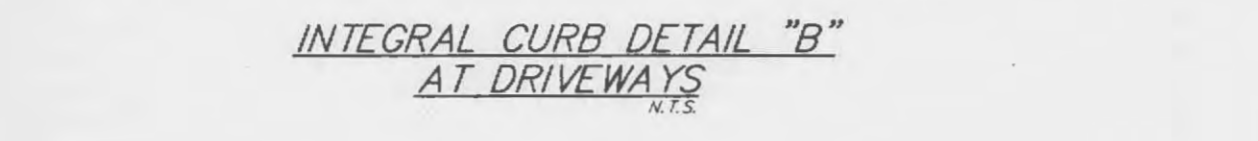
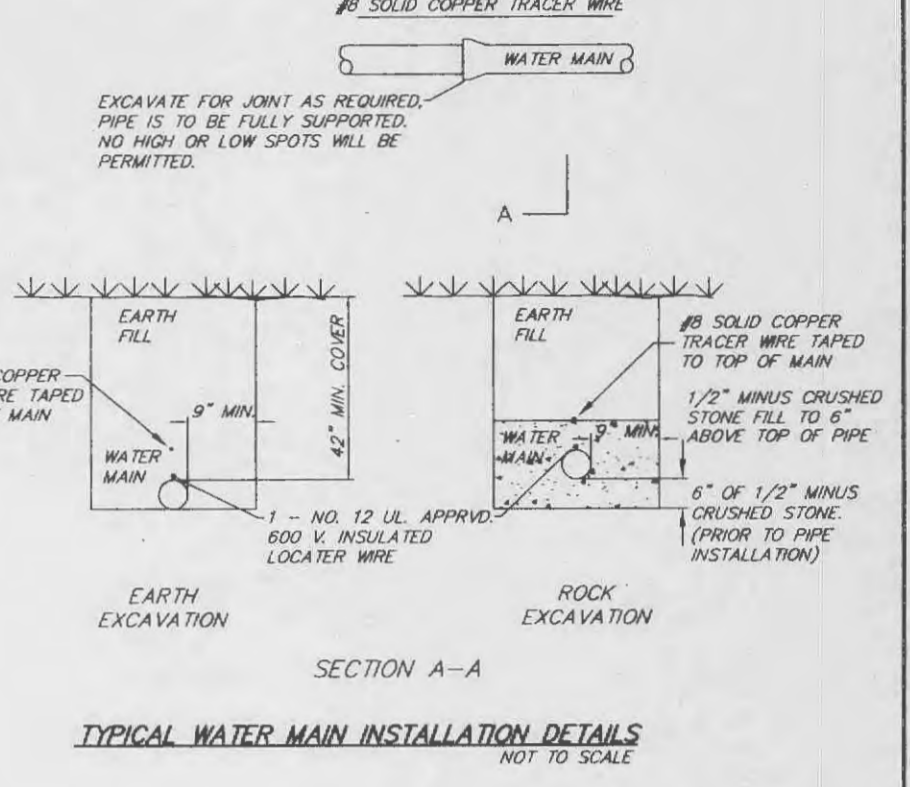


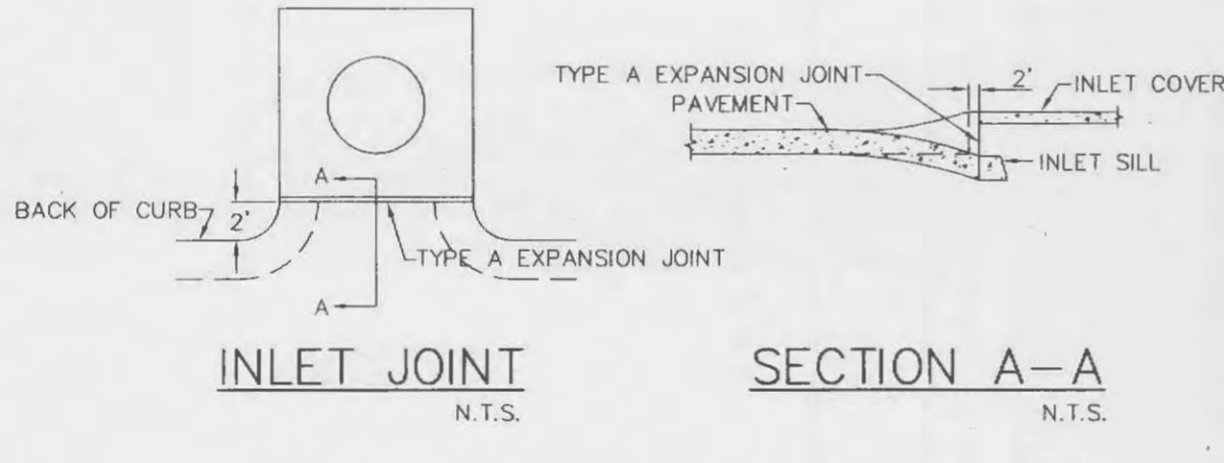
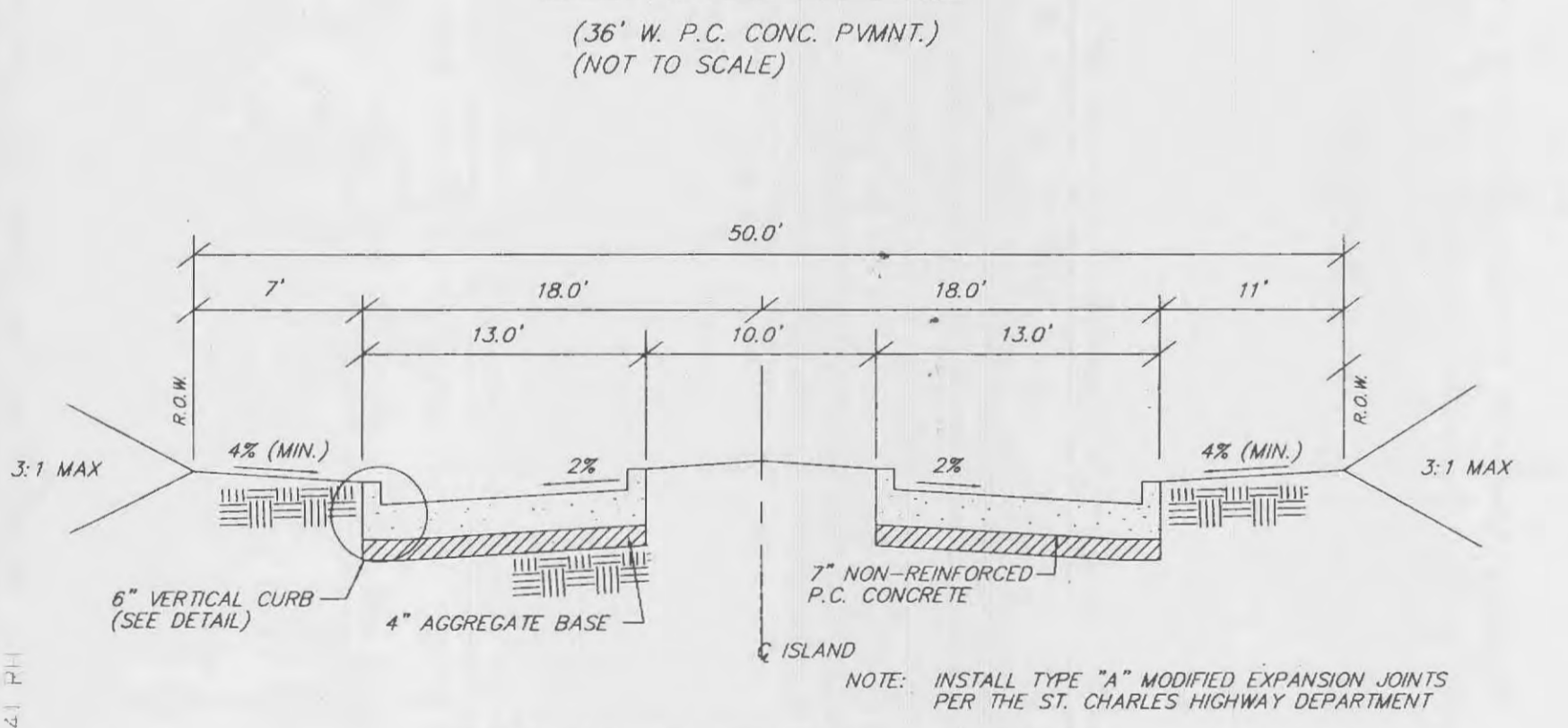
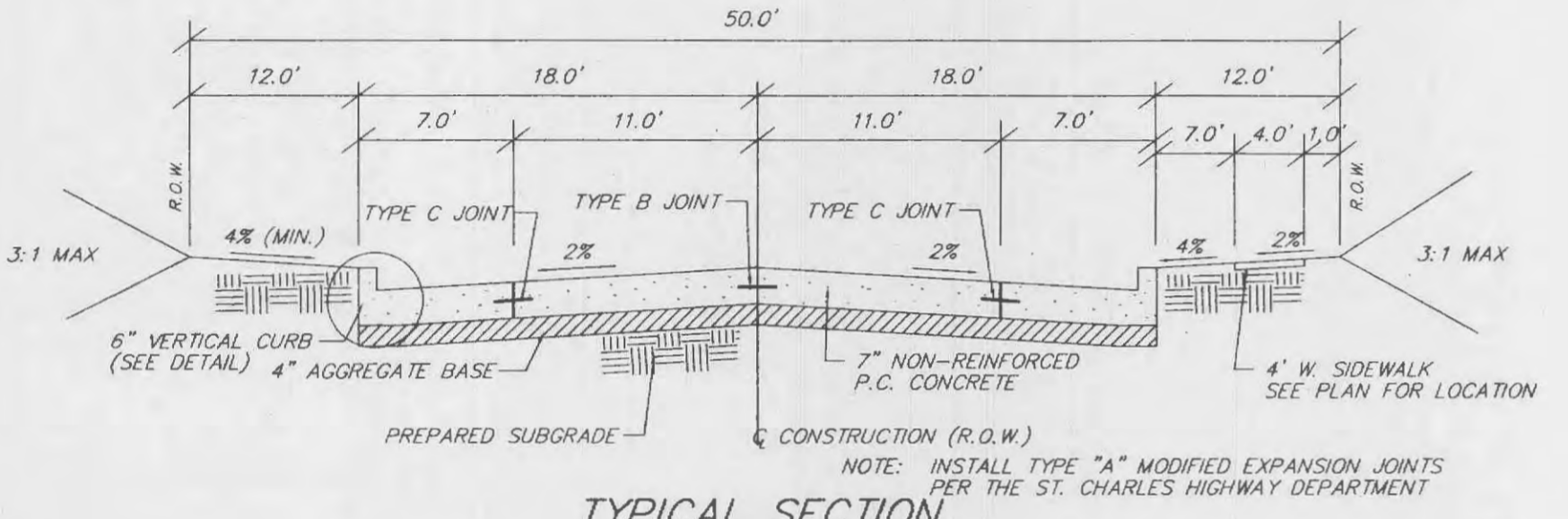
REVISIONS:  
 5-13-01 Per Docket Com.  
 6-13-01 Per City Comments  
 8-23-01 Per City Comments  
 12-14-01 Road Revision  
 7-17-02 City Comments



MAIN SIZE (I.D.)	MIN. THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH					
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS	
2"	5' X 1'	5' X 1'	5' X 1'	5' X 1'	5' X 1'	
4"	1' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'	
6"	1.5' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'	
8"	2' X 1'	1' X 1'	2' X 2.5'	2' X 2'	1' X 1.5'	
10"	2' X 2.5'	1.5' X 2'	2' X 3.5'	2' X 3'	2' X 2'	
12"	2' X 3.5'	1.5' X 2.5'	3' X 3.5'	3' X 3'	2' X 3'	
16"	3' X 4'	2' X 3'	4' X 4.5'	3' X 4.5'	3' X 3.5'	



NOTES:  
 1. A 1" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON THE OUTER EDGE OF CURVED PAVEMENT.  
 2. A 1/2" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON TANGENT SECTIONS OF PAVEMENT OR ON THE INNER EDGE OF CURVED PAVEMENT.  
 3. EXPANSION JOINT MATERIAL MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.



NOTES:  
 1. ALL CATCH BASINS SHALL BE SEPARATED FROM THE PAVEMENT AND CURB BY EXPANSION JOINT MATERIAL EXTENDING COMPLETELY THROUGH CURB AND SLAB. MANHOLE CASTINGS WITHIN THE PAVEMENT LIMITS SHALL BE BOXED IN AS SHOWN.  
 2. WHEN A JOINT FALLS WITHIN 5 FEET OF OR CONTACTS BASIN, MANHOLES OR OTHER STRUCTURES, SHORTEN ONE OR MORE PANELS EITHER SIDE OF OPENING TO PERMIT JOINT TO FALL ON ROUND STRUCTURES AND AT OR BETWEEN CORNERS OF RECTANGULAR STRUCTURES.  
 3. T = 6" ON LOCAL STREET.  
 4. T = 7" ON MAJOR OR THRU STREET.

