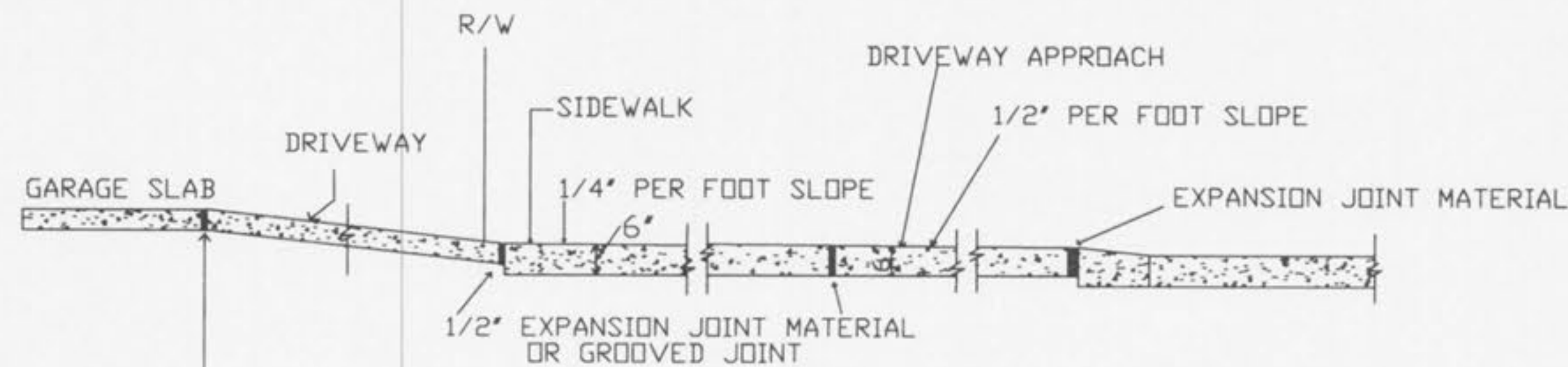
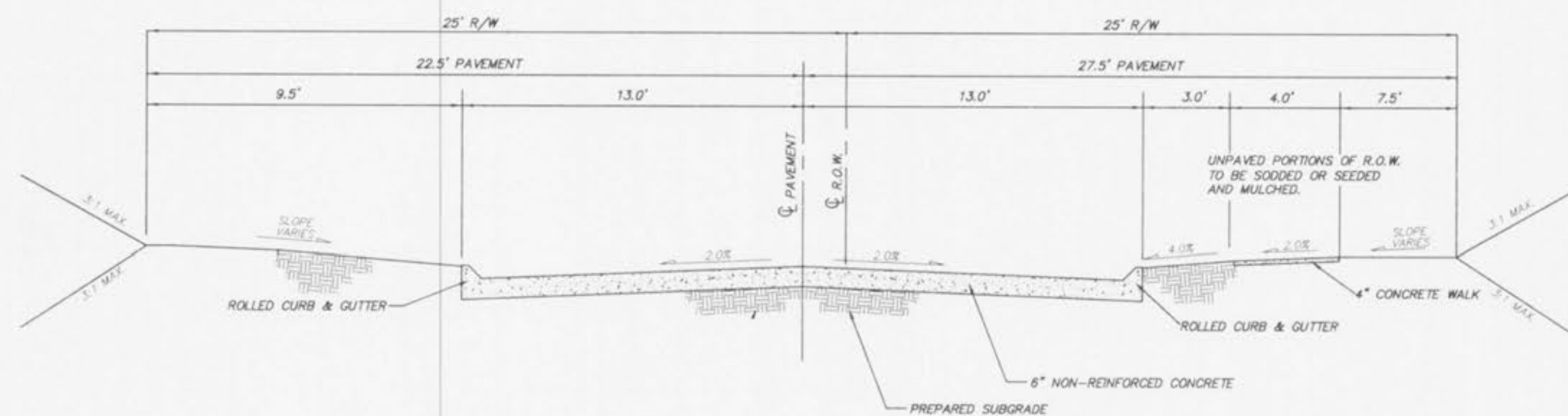


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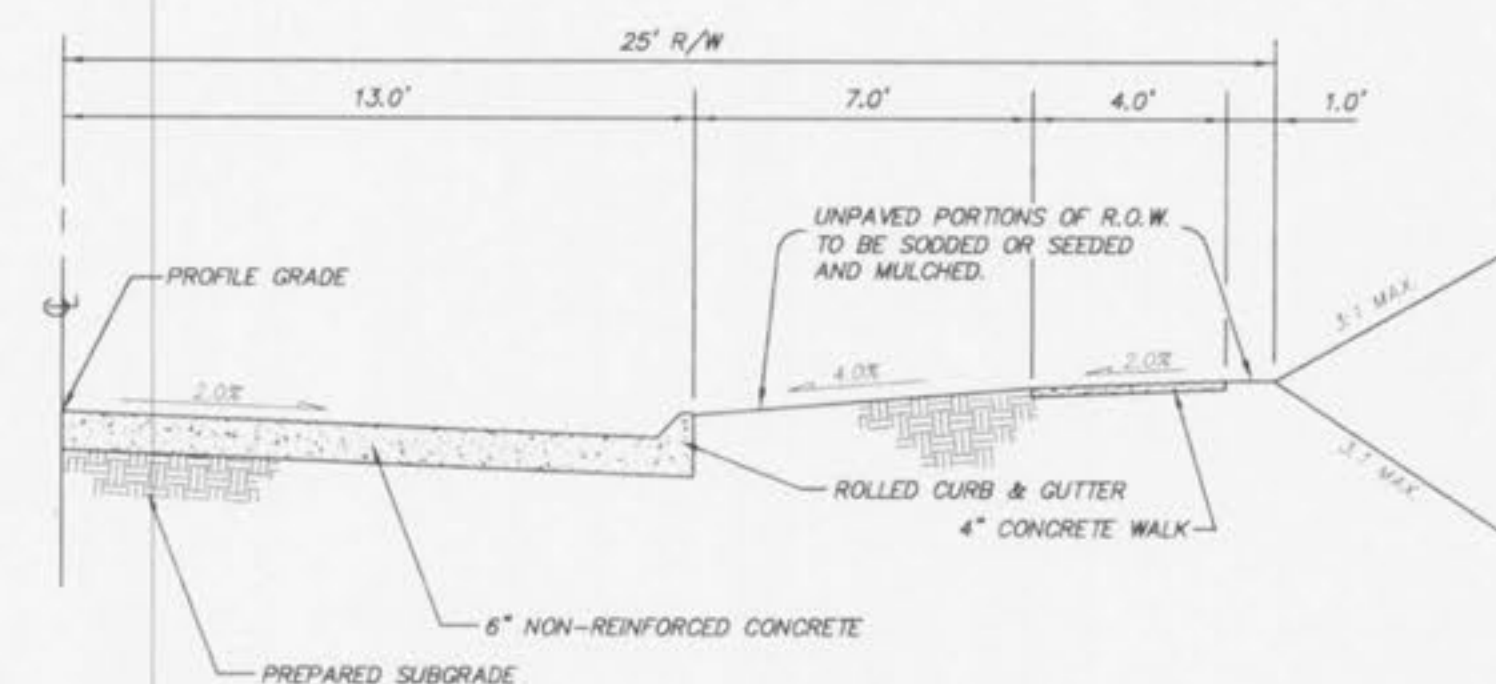


- NOTES:
1. A 1" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON THE OUTER EDGE OF CURVED PAVEMENT, UNLESS GROOVED JOINTS ARE USED AT SIDEWALK. THEN A 2" JOINT IS REQUIRED AT CURB.
 2. A 1/2" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON TANGENT SECTIONS OF PAVEMENT OR ON THE INNER EDGE OF CURVED PAVEMENT.
 3. EXPANSION JOINT MATERIAL MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
 4. SIDEWALK THICKNESS SHALL BE A MINIMUM OF 7" THROUGH COMMERCIAL DRIVEWAYS.

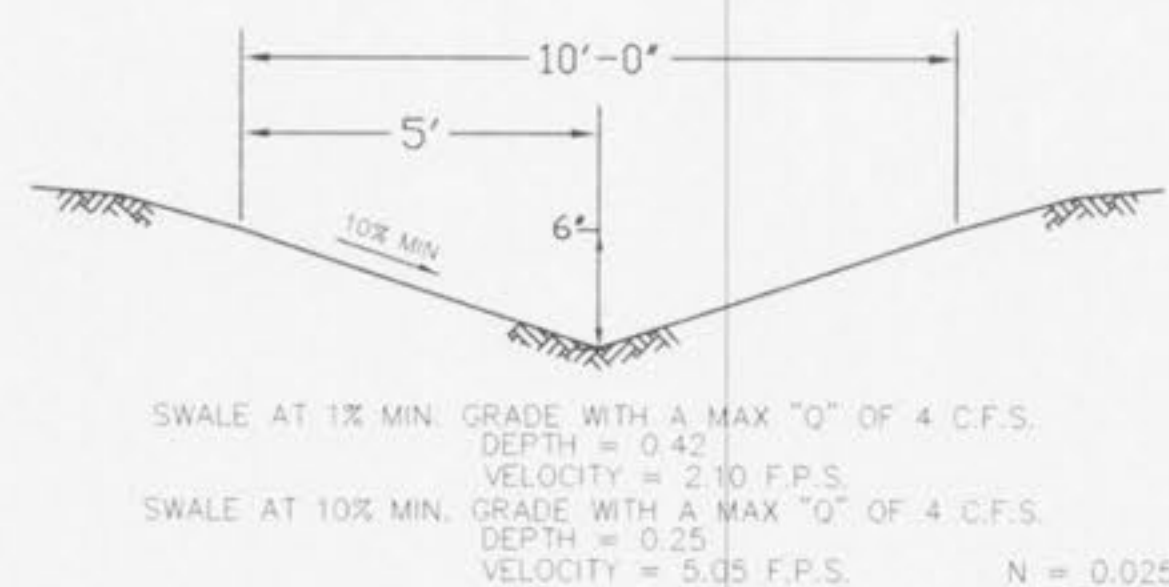
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
Integral Curb Detail "B" of Driveways
DATE: May 2002 DRAWING: CS02.05



TYPICAL PAVEMENT SECTION
NOT TO SCALE



TYPICAL PAVEMENT 1/2 SECTION (ERIN DR. ONLY)
NOT TO SCALE

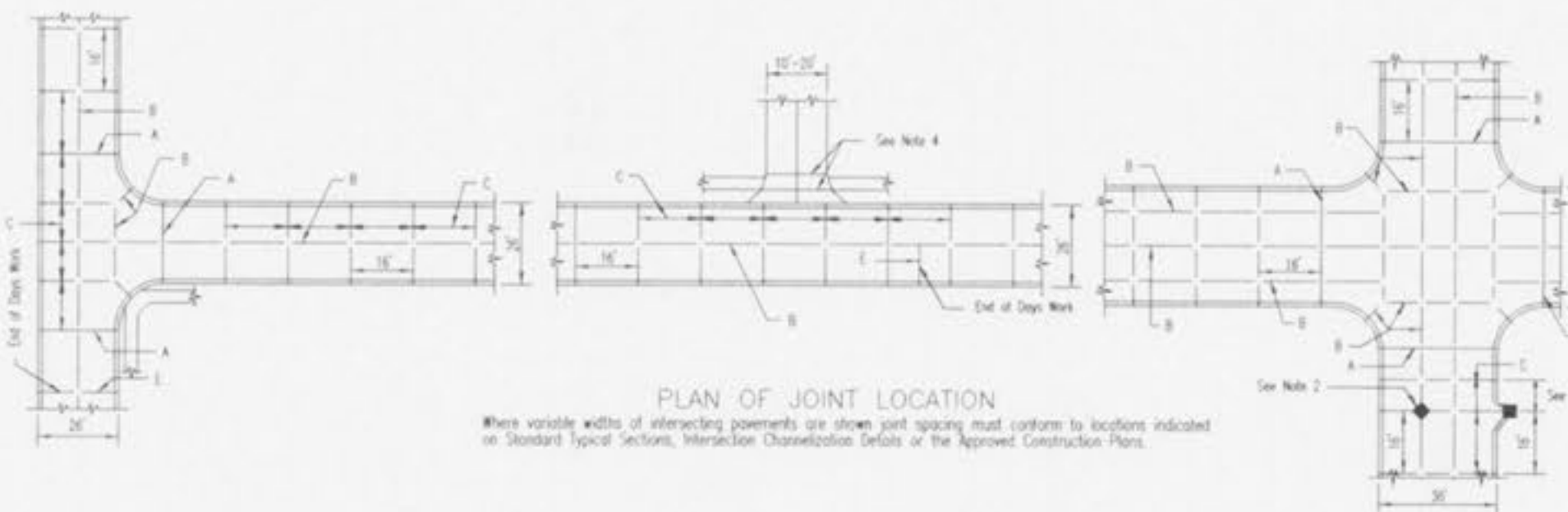
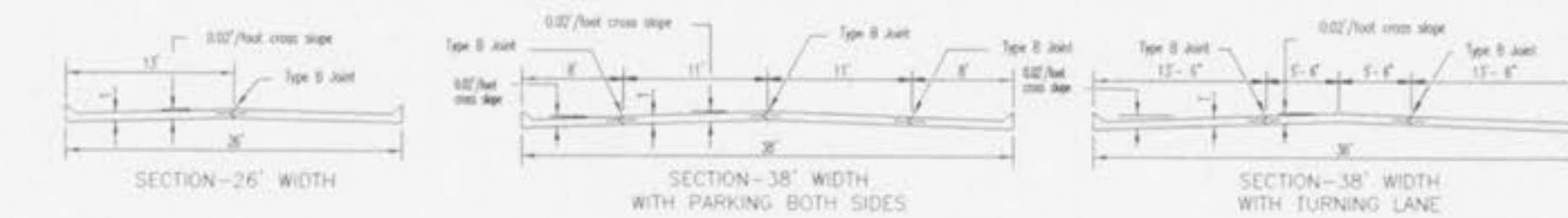


TYPICAL CROSS SEC.
OF RELIEF SWALES
N.T.S.



MULTI-USE TRAIL DETAIL
(MINIMUM 4' WIDE)
NOT TO SCALE

INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS



GENERAL NOTES

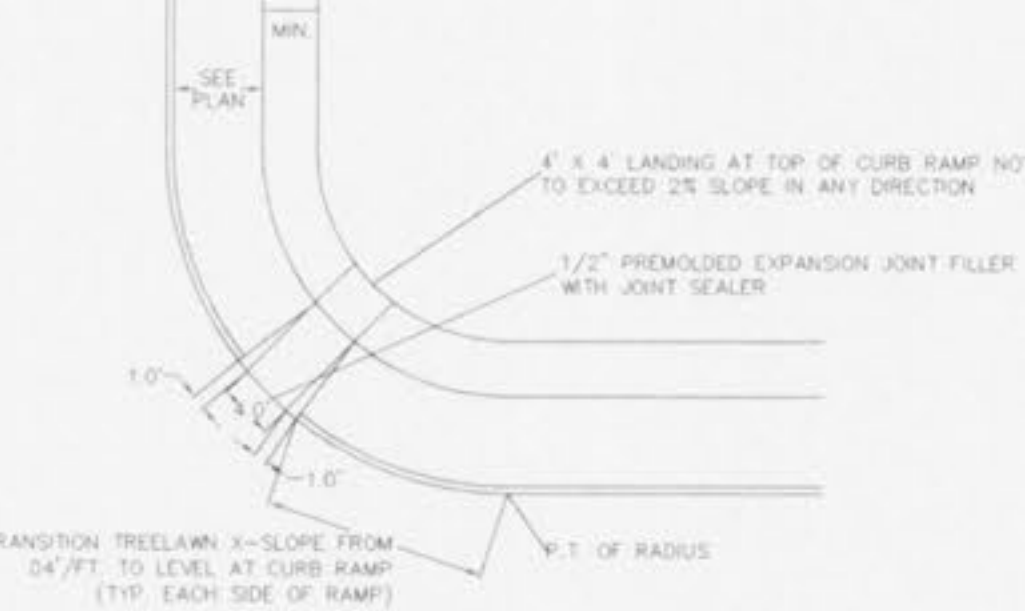
1. Do not scale drawing. Follow dimensions.
2. All street inlets shall be separated from the pavement and curb by expansion joint material extending completely through curb and slab. Manhole casing within the pavement limits shall be boxed as shown.
3. When a joint falls within 5ft. of, or contacts inlets, manholes, or other structures, shorten one or more panels either side of opening to permit joint to fall on round structures and/or in between corners of rectangular structures.
4. Driveway configurations are shown in the "Entrance Construction Details".
5. Construction joints and tie bars may be omitted when curb is poured monolithic with pavement.
6. Minimum Thickness for Pavement is:
Residential 26' wide 6"
Streets 38' wide Streets 7"
7. For joint and bar requirements refer to the Pavement Construction Details for "Joints and Curb". Std. Dwg. CS02.03. Note that the width and location may change the type of joint required.
8. Transverse or longitudinal construction joints in slip formed pavements may be made with a groover or tool, if such device has been approved in advance by the Department.
9. The locations of the Type B longitudinal construction joints in the sections may be interchanged for the different widths of construction if approved by the Department.

STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS	
		TYPE C	no steel bars
RESIDENTIAL 3 LANE 38' wide pavement	Transverse	TYPE C	no steel bars
	Longitudinal	Within a poured section and at the edge between two poured sections: TYPE B 5/8" x 6" deformed tie bars 30" c/c	
RESIDENTIAL 2 LANE 26' wide pavement	Transverse	TYPE A	no steel bars
	Longitudinal	TYPE C	no steel bars
6" thick concrete	Transverse	TYPE C	no steel bars
	Longitudinal	Full Width Construction: TYPE B 5/8" x 6" deformed tie bars 30" c/c	Half Width Construction: TYPE B modified with 1/2" x 6" deformed tie bars 30" c/c
6" thick concrete	Transverse	TYPE A	no steel bars
	Longitudinal	TYPE C	no steel bars

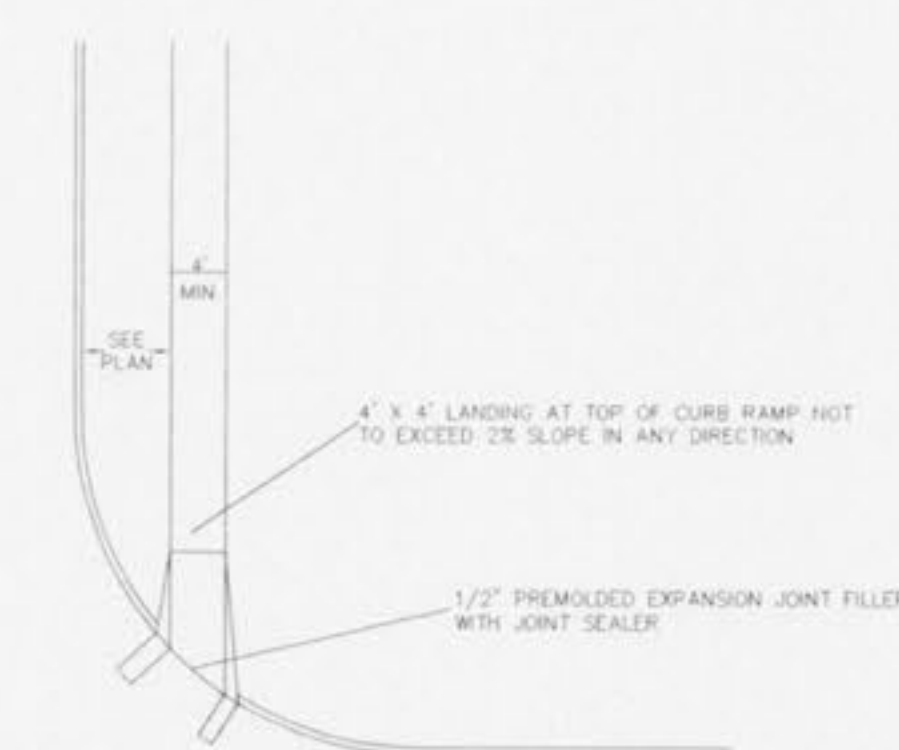
NOTE:
Joint filler material shall meet ASTM designations as follows:
Bituminous type: ASTM D-964-03
Non extruding & resilient bituminous type (fiber): ASTM D-1751-03T
Non extruding & resilient non bituminous type (rubber): ASTM D-5249

NOTE:
Joint sealant material shall meet ASTM and AASHTO designations as follows:
ASTM D-3405, AASHTO M-301 or ASTM D-1190-74, AASHTO M-173-04 or listed revisions thereof.

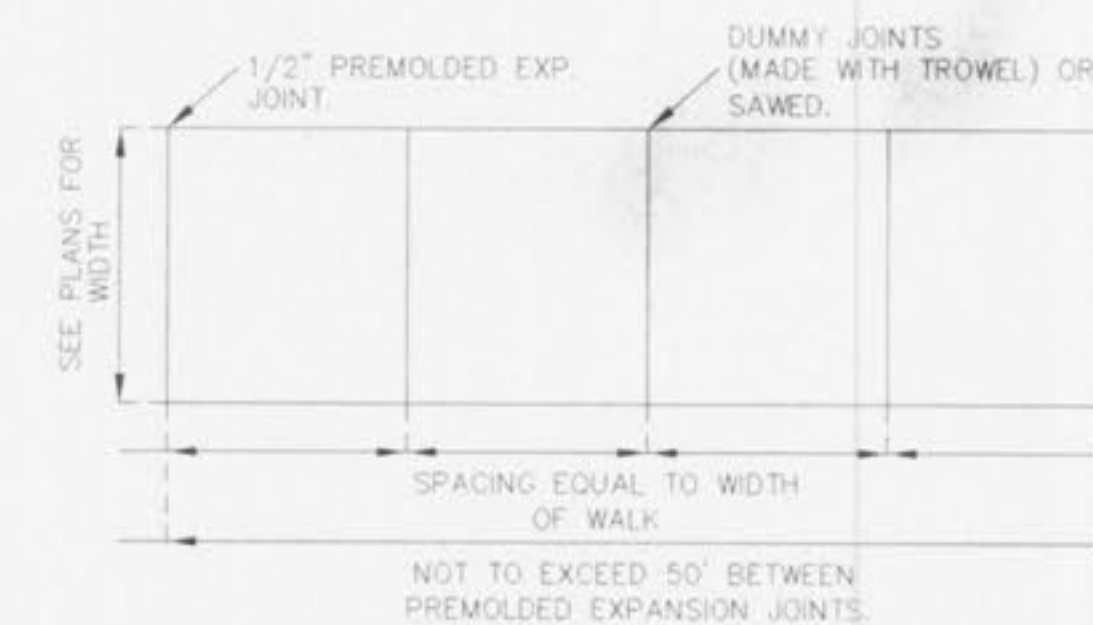
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT
TYPICAL SECTIONS AND DETAILS
DATE: December 2000 DRAWING: CS02.02



DIAGONAL CURB RAMP



STRAIGHT CURB RAMP



CONCRETE SIDEWALK

PICKETT RAY & SILVER

333 Mid Rivers Mall Drive
St. Peters, MO 63376
Phone (636) 397-1211
Fax (636) 397-1104

CIVIL ENGINEERS
PLANNERS
LAND SURVEYORS

WHITEGATE VILLAS
ADDITION
CONSTRUCTION DETAILS

235 FOX HILL ROAD
ST. CHARLES, MO 63301
636-940-3300

Prepared For:
SUMMIT POINTE L.C.

REVISIONS		NO.	DATE	REV.	PER CITY OF O'FALLON	REV.	PER CITY OF O'FALLON
		1	09-06-02				
		2	09-23-02				
							</

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC.
STATE OF MISSOURI
HAROLD J. BARTCH
REGISTERED PROFESSIONAL ENGINEER
NUMBER E-17751

DRAWN	ABK	DATE	07-15-02
CHECKED	DWD	DATE	07-15-02
PROJECT #	02041.SUP0.01R		
TASK #	2	FIELD BOOK	XXX

WHITEGATE VILLAS
CONSTRUCTION DETAILS
SHEET 19 OF 22
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