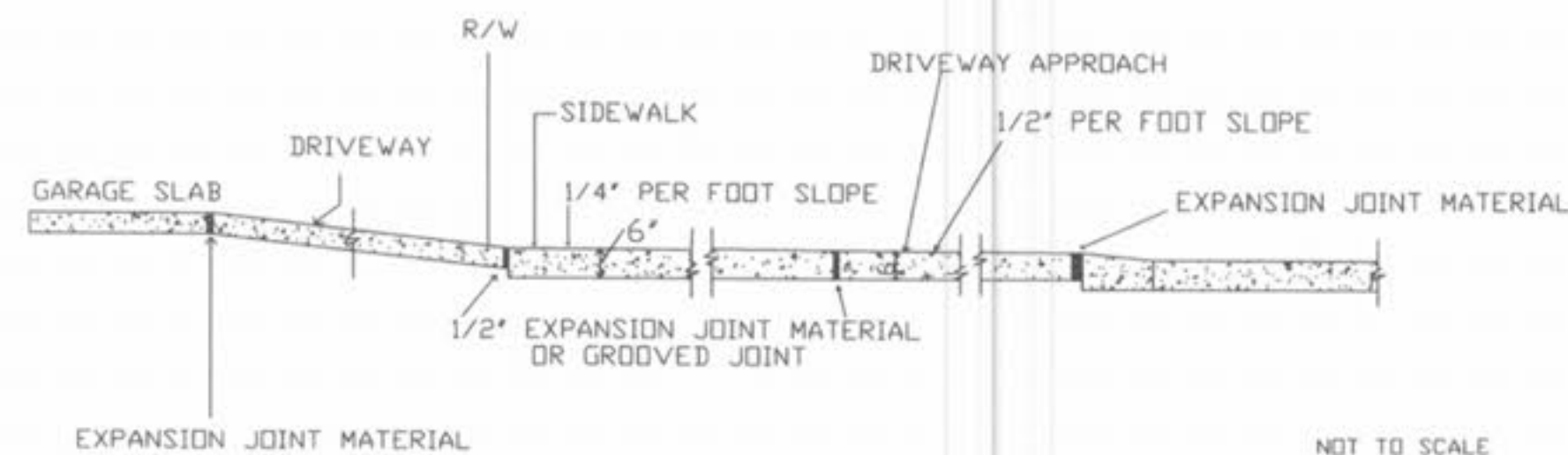
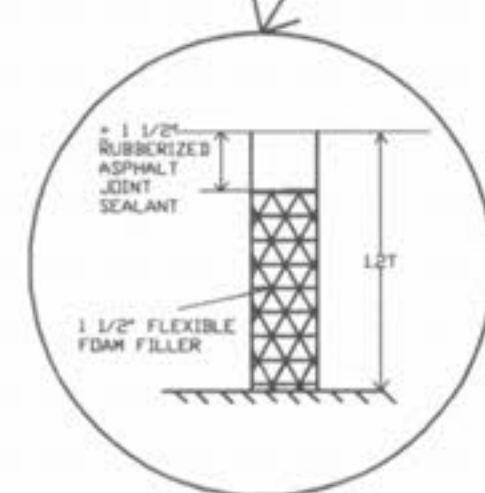
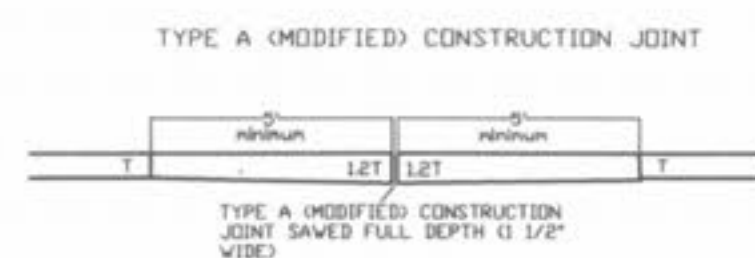




- NOTES:
1. A 1" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON THE OUTER EDGE OF CURVED PAVEMENT, UNLESS GROOVED JOINTS ARE USED AT SIDEWALK. THEN A 2" JOINT IS REQUIRED AT CURB.
 2. A 1/2" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON TANGENT SECTIONS 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: C502.05

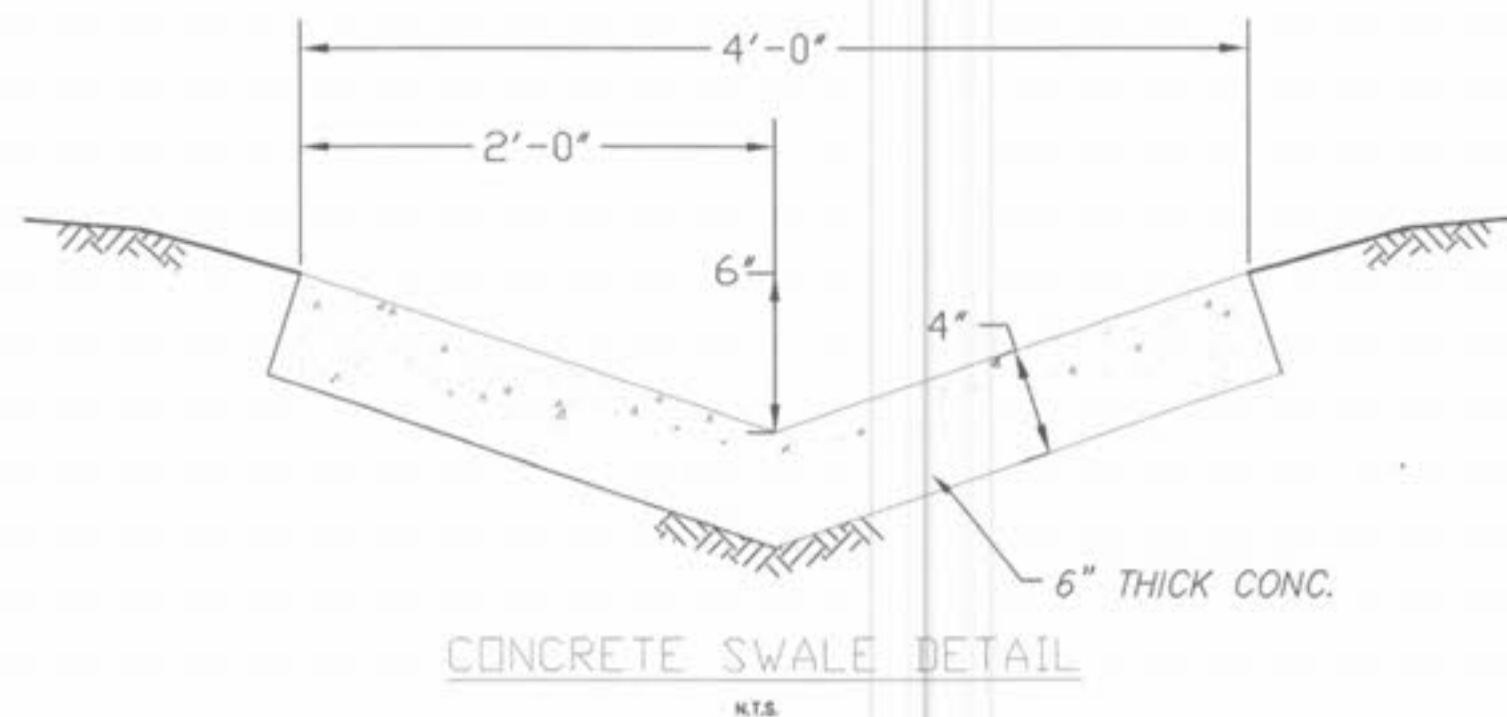


NOT TO SCALE

NOTES:

1. THE NUMBER OF BACKER RODS REQUIRED WILL VARY WITH THE PAVEMENT THICKNESS. BACKER RODS AND FLEXIBLE FOAM FILLER MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
2. JOINT FILLER SHALL BE A FLEXIBLE, NON-ABSORBENT, NON-GASSING, NON-STAINING, NON-SHRINKING MATERIAL, EXTRUDED FROM A CLOSED-CELL POLYMER, ASTM D-5249.
3. JOINT FILLER COMPOSED OF CELLULAR FIBERS, ASTM D-1751, MAY BE USED AT DRIVEWAY, SIDEWALK, AND SEWER INLET AND MANHOLE LOCATIONS.
4. SEE "INTEGRAL CURB DETAIL 'B' AT DRIVEWAYS" FOR EXPANSION JOINT REQUIREMENTS AT DRIVEWAY CONNECTIONS TO THE STREET AND THE GARAGE.

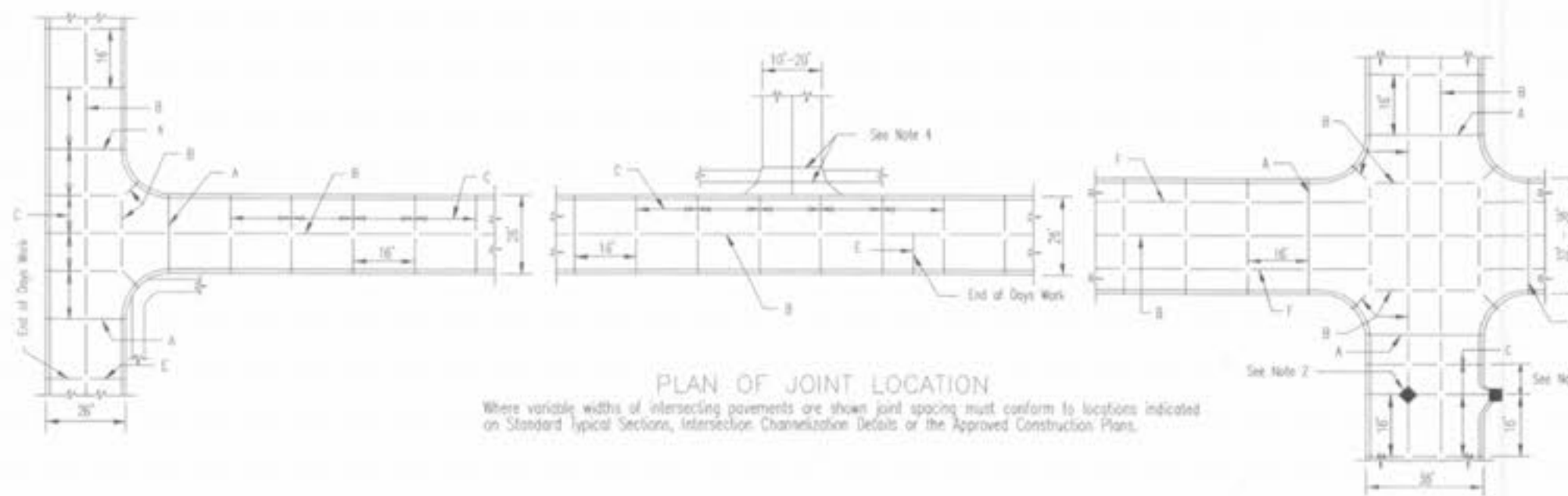
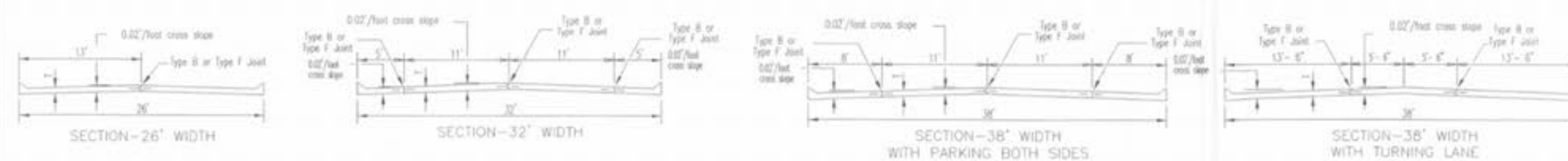
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
Type "A" Expansion Joint
DATE: May 2002 DRAWING: C502.04



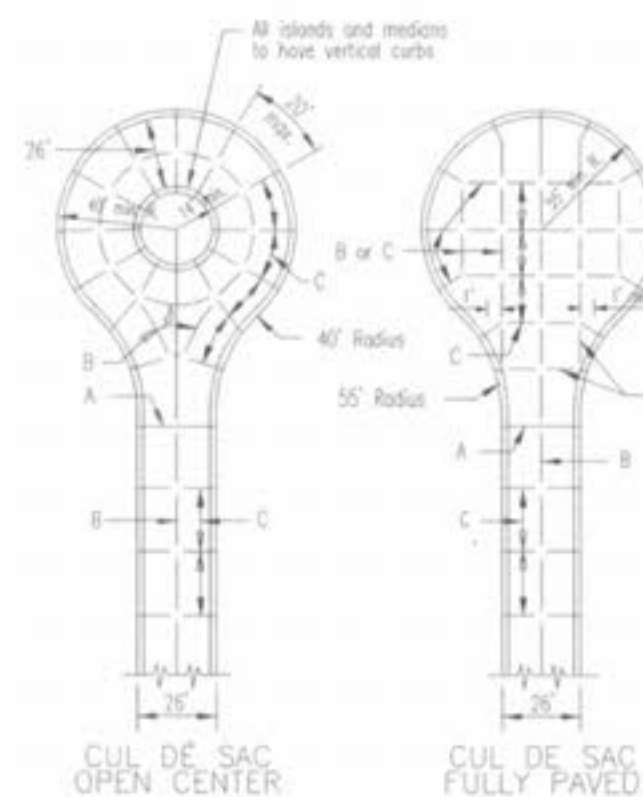
CONCRETE SWALE DETAIL

NOT TO SCALE

INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS



PLAN OF JOINT LOCATION
Where variable widths of intersecting pavements are shown joint spacing must conform to locations indicated on Standard Typical Sections, Intersection Channelization Details or the Approved Construction Plans.



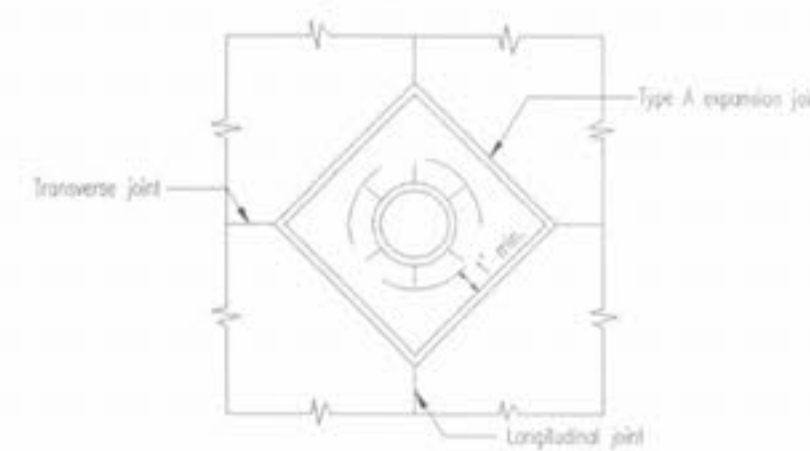
JOINT REQUIREMENTS FOR CONCRETE PAVEMENT		
STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
3 LANE RESIDENTIAL 32'-38' wide pavement	Transverse	TYPE C no steel bars
	Longitudinal	Within a paved section: TYPE B 5/8" x 6" deformed to bars 18" @ 30' c/s. At the edge between two paved sections: TYPE B 5/8" x 6" deformed to bars 30" @ 30' c/s.
	Expansion	TYPE A no steel bars
RESIDENTIAL 2 LANE 26' wide pavement	Transverse	TYPE C no steel bars
	Longitudinal	Full Width Construction: TYPE B modified with 1/2" x 6" deformed to bars 18" @ 30' c/s. Half Width Construction: TYPE B modified with 1/2" x 6" deformed to bars 30" @ 30' c/s.
	Expansion	TYPE A no steel bars

NOTE

Joint filler material shall meet ASTM designations as follows:
Bituminous type: ASTM D-1944-53
Non extruding & resilient bituminous type (flow): ASTM D-1751-60T
Non extruding & resilient non bituminous type (rubber): ASTM D-5249

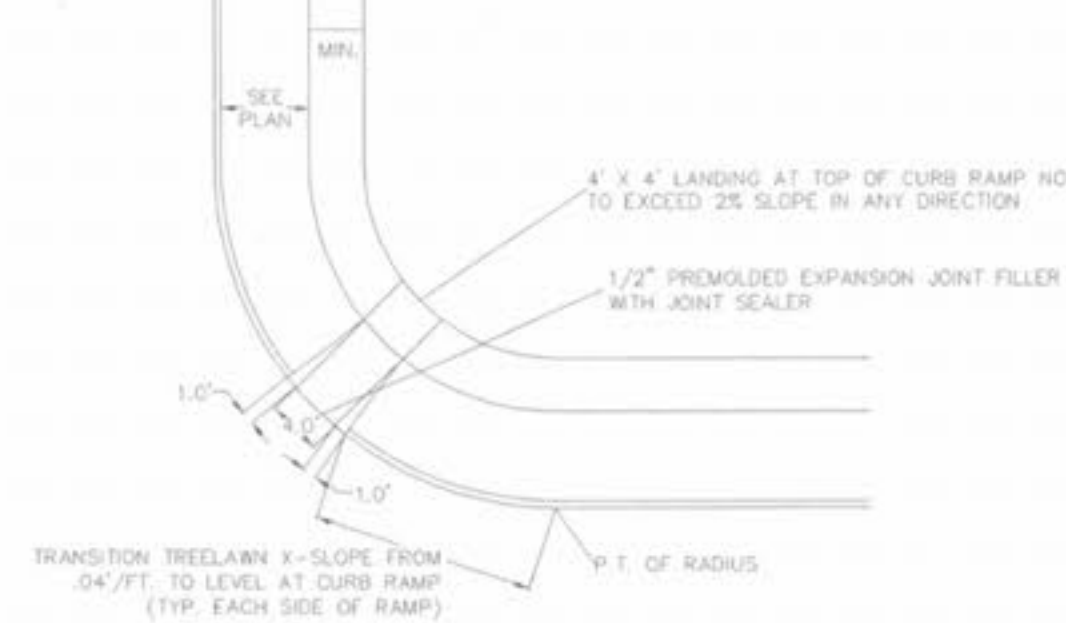
NOTE

Joint sealant material shall meet ASTM and AASHTO designations as follows:
ASTM D-3405, AASHTO M-301 or ASTM D-1190-74, AASHTO M-173-84 or latest revisions thereof.

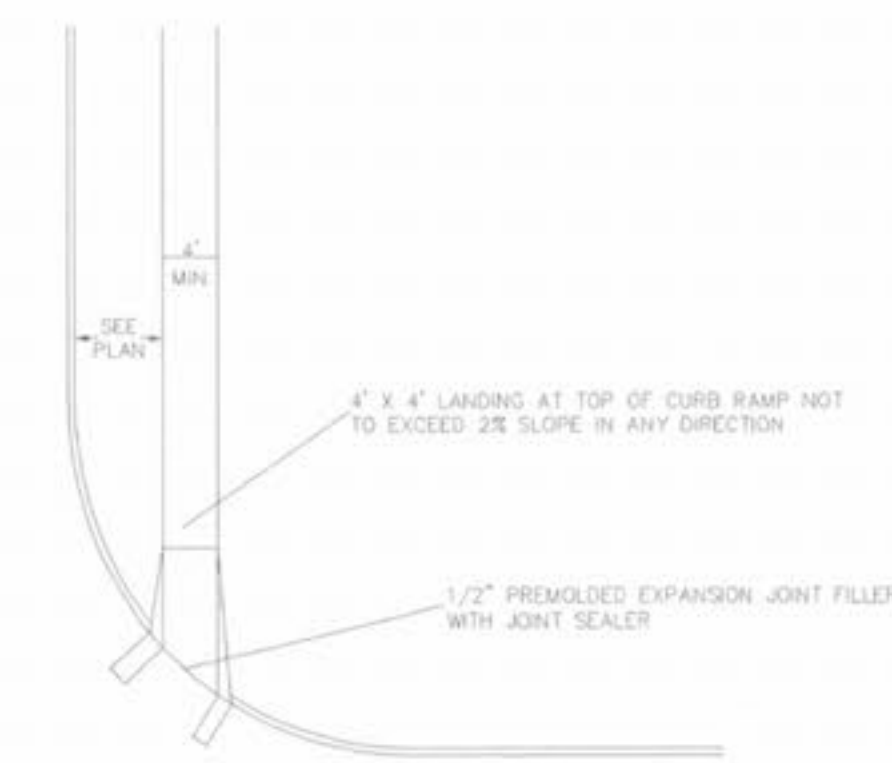


MANHOLE BOXING

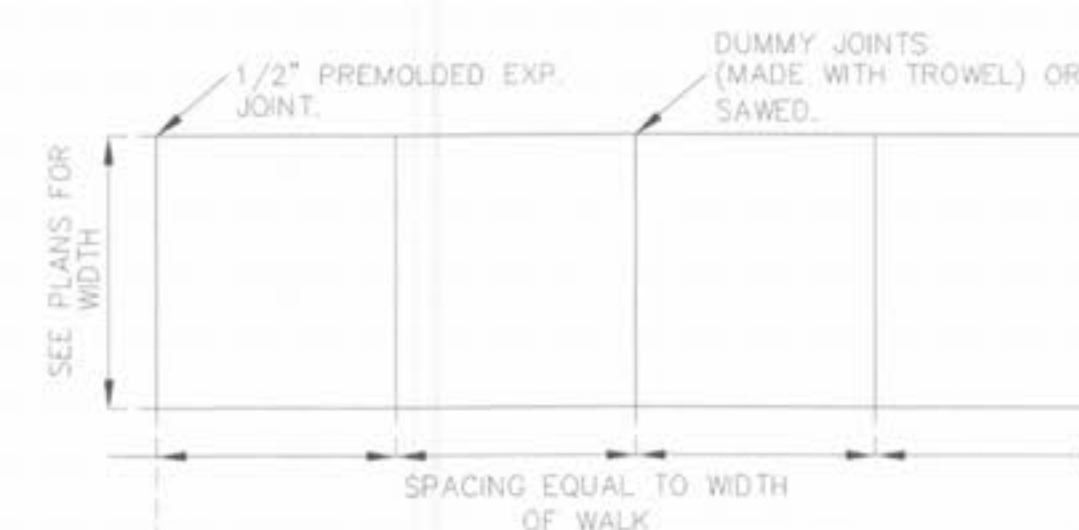
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
INTEGRAL ROLLED CURB AND
CONCRETE PAVEMENT
TYPICAL SECTIONS AND DETAILS
DATE: October 2002 DRAWING: C502.02



DIAGONAL CURB RAMP



STRAIGHT CURB RAMP



CONCRETE SIDEWALK

NOTE: DRIVEWAY SHALL NOT INTERFERE WITH HANDICAP RAMPS.

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

WYNDGATE

CONSTRUCTION DETAILS

Prepared For:
SUMMIT POINTE L.C.

REVISIONS	DATE	REVISED PER CITY	REVISED PER CITY OF ST. LOUIS
NO.	1	10/25/04	
2	02/18/05		
3			
4			
5			
6			

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
REGISTERED PROFESSIONAL ENGINEER
HAROLD J. BARTCH
NUMBER 017751

DRAWN	J.E.E.	DATE	6-29-04
CHECKED	D.W.D.	DATE	6-29-04
PROJECT #	01267.SUPO.02R		
TASK #	2	FIELD BOOK	

WYNDGATE
CONSTRUCTION DETAILS
SHEET 172 OF 174
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