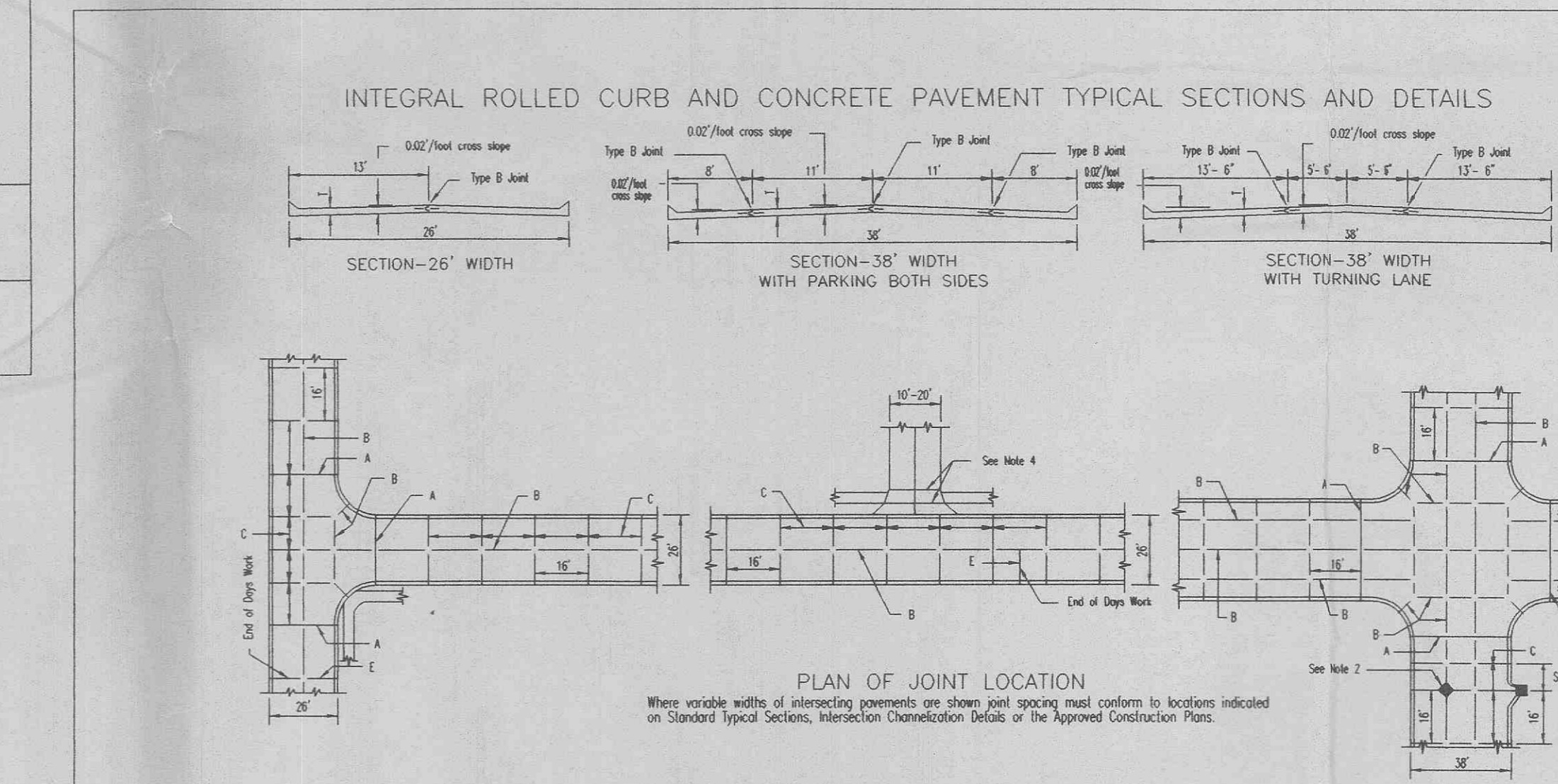
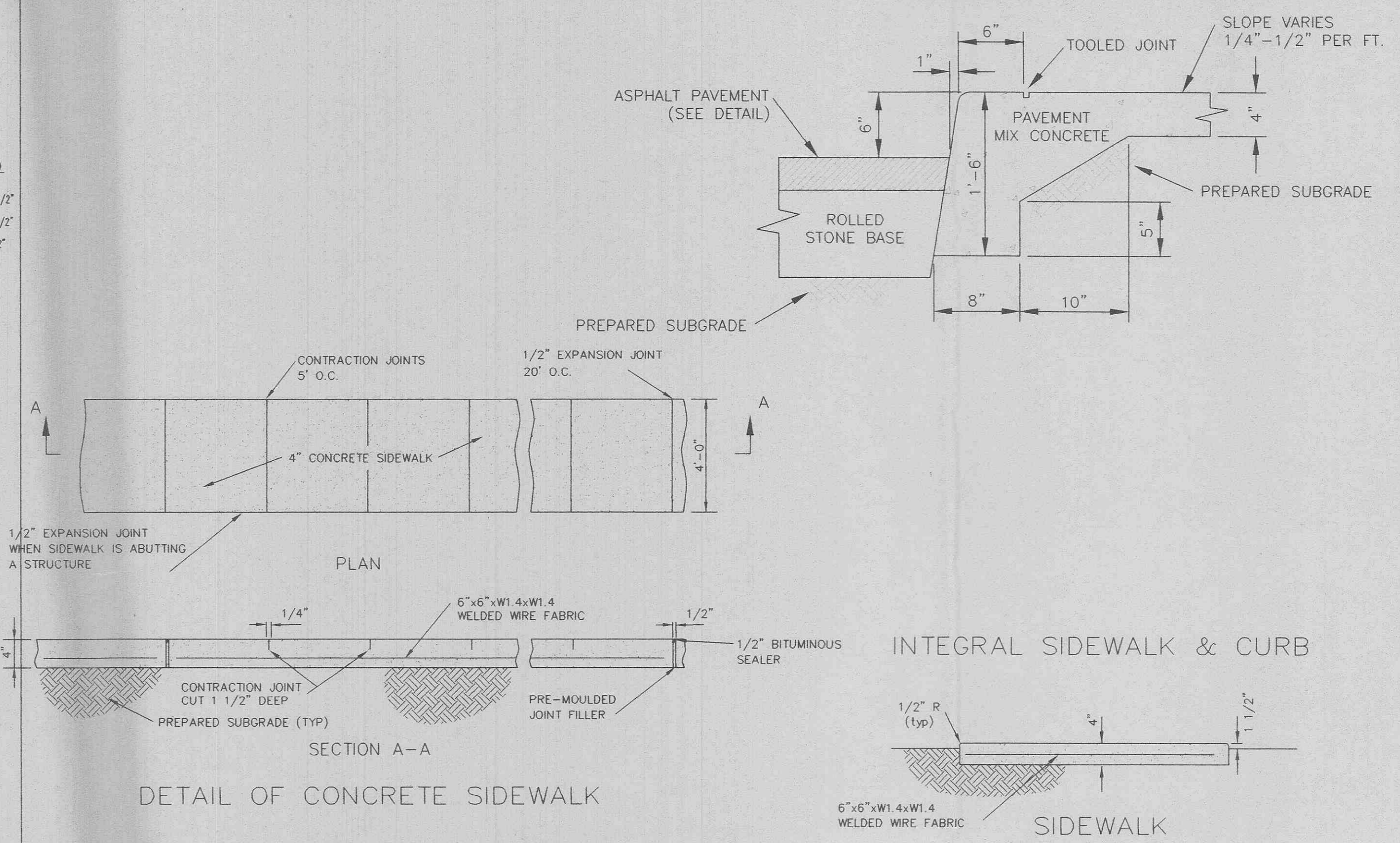
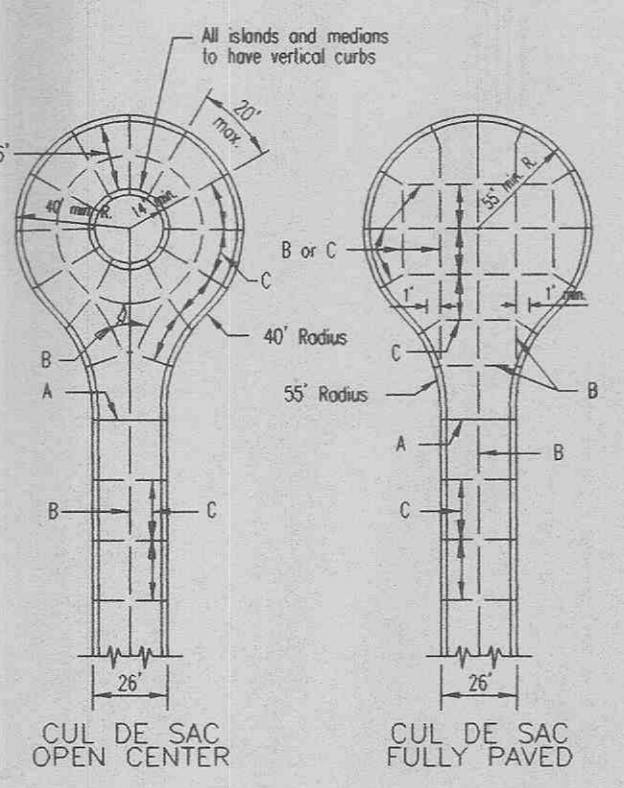
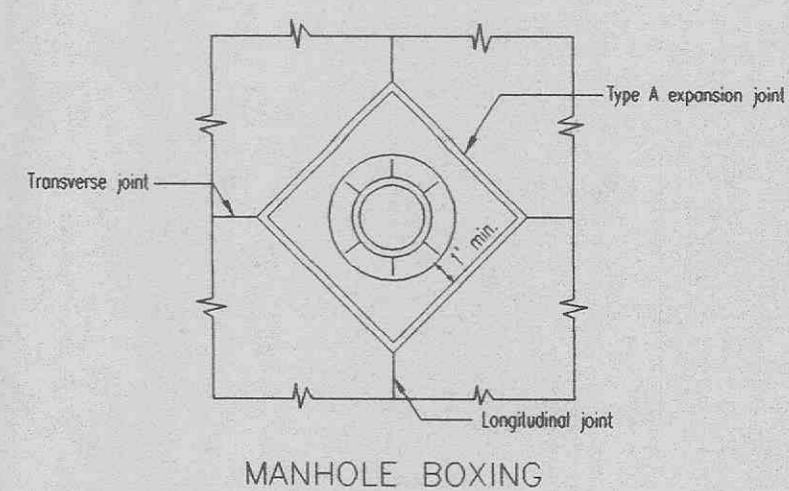


- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Construction joint and tie bars may be omitted when curb is poured integral with pavement.
 - Minimum Thickness for Pavement & Bituminous Concrete Pavement Thickness = (1)
 - Type "C" Transverse Joint is required for Arterial and Non-Residential Streets. Use Type "C" Transverse Joint for all others.
 - For Subdivision or Minor Streets having 6" concrete pavement, 1/2" ϕ deformed tie bars 30" long at 30" centers shall be used for Type "B" Longitudinal Joints.
 - Refer to Pavement Construction Details for Integral Vertical Curb and Concrete Pavement Typical Sections and Details, Std. Dwg. C502.01 and Integral Rolled Curb and Concrete Pavement Typical Sections and Details, Std. Dwg. C502.02 for joint and bar requirements for different street classifications. Note final width and location of each poured portion of the pavement may change the type and location of joint required.
 - All deformed bars for joints and curbs shall be Billet Steel Bars conforming to A.S.T.M. A615-75, Grade 40.
 - Length of the tie bars shall equal the thickness of pavement plus the height of curb less 1" tie bars shall be placed at 2' centers.
 - 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.
 - The free end of the dowel bar for a length of at least 11 inches shall be coated with an approved graphite grease.
 - All dowel bars 18" ϕ , 12' cts. shall be epoxy coated.



- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - 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.
 - 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 at or between corners of rectangular structures.
 - Driveway configurations are shown in the "Entrance Construction Details".
 - Construction joints and tie bars may be omitted when curb is poured monolithic with pavement.
 - Minimum Thickness for Pavement is:
Residential 26' wide Streets 6"
Residential 38' wide Streets 7"
 - For joint and bar requirements refer to the Pavement Construction Details for "Joints and Curbs" Std. Dwg. C502.03. Note that the width and location may change the type of joint required.
 - 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.
 - 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.

JOINT REQUIREMENTS FOR CONCRETE PAVEMENT		
STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
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" ϕ deformed tie bars 30" ϕ 30' cts.
RESIDENTIAL 2 LANE 26' wide pavement	Expansion	TYPE A no steel bars
	Transverse	TYPE C no steel bars
6" thick concrete	Longitudinal	Full Width Construction: TYPE B 5/8" ϕ deformed tie bars 30" ϕ 30' cts. Half Width Construction: TYPE B modified with 1/2" ϕ deformed tie bars 30" ϕ 30' cts.
	Expansion	TYPE A no steel bars



NOTE
Joint filler material shall meet ASTM designations as follows:
Bituminous type ASTM D-994-53
Non extruding & resilient bituminous type (fiber) ASTM D-1751-60T
Non extruding & resilient non bituminous type (rubber) ASTM D-5294

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

JOINTS AND CURBS

ST. CHARLES COUNTY HIGHWAY DEPARTMENT
SEPTEMBER 2000
O:\Pavement\ACAD dwgs\specs\Joins and Curbs.dwg
1 OF 1

INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

ST. CHARLES COUNTY HIGHWAY DEPARTMENT
SEPTEMBER 2000
O:\Pavement\ACAD dwgs\Specs\Integral Rolled Curb.dwg
1 OF 1

PUND PLACE PAVEMENT DETAILS

ST. CHARLES ENGINEERING & SURVEYING, INC.
801 S. FIFTH STREET, SUITE 202
ST. CHARLES, MO. 63301
TEL.(636) 947-6607 FAX.(636) 947-2448



ORDER NO. 20-0169-01
DATE 05/10/01
C-13

REVISIONS AS PER COMMENTS
08/23/01
09/06/01

09/01/01