



INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

SECTION-26' WIDTH, SECTION-32' WIDTH, SECTION-38' WIDTH WITH PARKING BOTH SIDES, SECTION-38' WIDTH WITH TURNING LANE

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 32'-38' wide Streets 7"
- For joint and bar requirements refer to the Pavement Construction Details for "Joints and Curbs." Std. Dwg. CS02.03. 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 here are designated for the different widths of construction if approved by the Department.

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 panel section: TYPE F 5/8" Ø deformed tie bars 18" @ 30' cts. At the edge between two panel sections: TYPE B 5/8" Ø deformed tie bars 30" @ 30' cts.
7' thick concrete	Expansion	TYPE A no steel bars
	Transverse	TYPE C no steel bars
25' wide pavement	Longitudinal	Full Width Construction: TYPE B modified with 1/2" Ø deformed tie bars 18" @ 30' cts. Half Width Construction: TYPE B modified with 1/2" Ø deformed tie bars 30" @ 30' cts.
	Expansion	TYPE A no steel bars

NOTE: Joint filler material shall meet ASTM designations as follows:
Non extruding & resilient bituminous type (tar) ASTM D-994-53
Non extruding & resilient bituminous type (rubber) ASTM D-1751-60T
Non extruding & resilient non bituminous type (rubber) ASTM D-5249

NOTE: Joint sealant material shall meet ASTM and MSMT designations as follows:
ASTM D-3465, MSMT M-301 or ASTM D-1190-74, MSMT 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
M.E. October, 2002 DRAWING CS02.02

SECTION A-A, SECTION B-B, SECTION C-C, SECTION D-D

TRUNCATED DOMES SPACING, TRUNCATED DOMES CROSS SECTION

CONCRETE CURB RAMP, CONCRETE SIDEWALK AND CURB RAMPS

NOTE: RAMPS TO BE TINTED RED PER CITY OF O'FALLON.

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BROOKSIDE CONSTRUCTION DETAILS

Prepared For:
SUMMIT POINTE L.C.

280 FOX HILL ROAD
ST. CHARLES, MO 63301
636-946-9300

REVISIONS	NO.	DATE	REV. PER CITY COMMENTS
	1	8/11/05	REV. PER CITY COMMENTS 7/26/05
	2	9/19/05	REV. PER CITY COMMENTS 9/12/05
	3	3/23/06	REV. PER ADAAG

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 by the engineer.

PROF. BRUCE S. REMANN, INC.
BRUCE S. REMANN
Professional Engineer
No. 23348
Missouri

DRAWN	DATE
CAD	FEB. 2005

CHECKED	DATE
DWD	FEB. 2005

PROJECT # 03029 SUPD.01R
TASK # 002 FIELD BOOK 847

BROOKSIDE CONSTRUCTION DETAILS
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