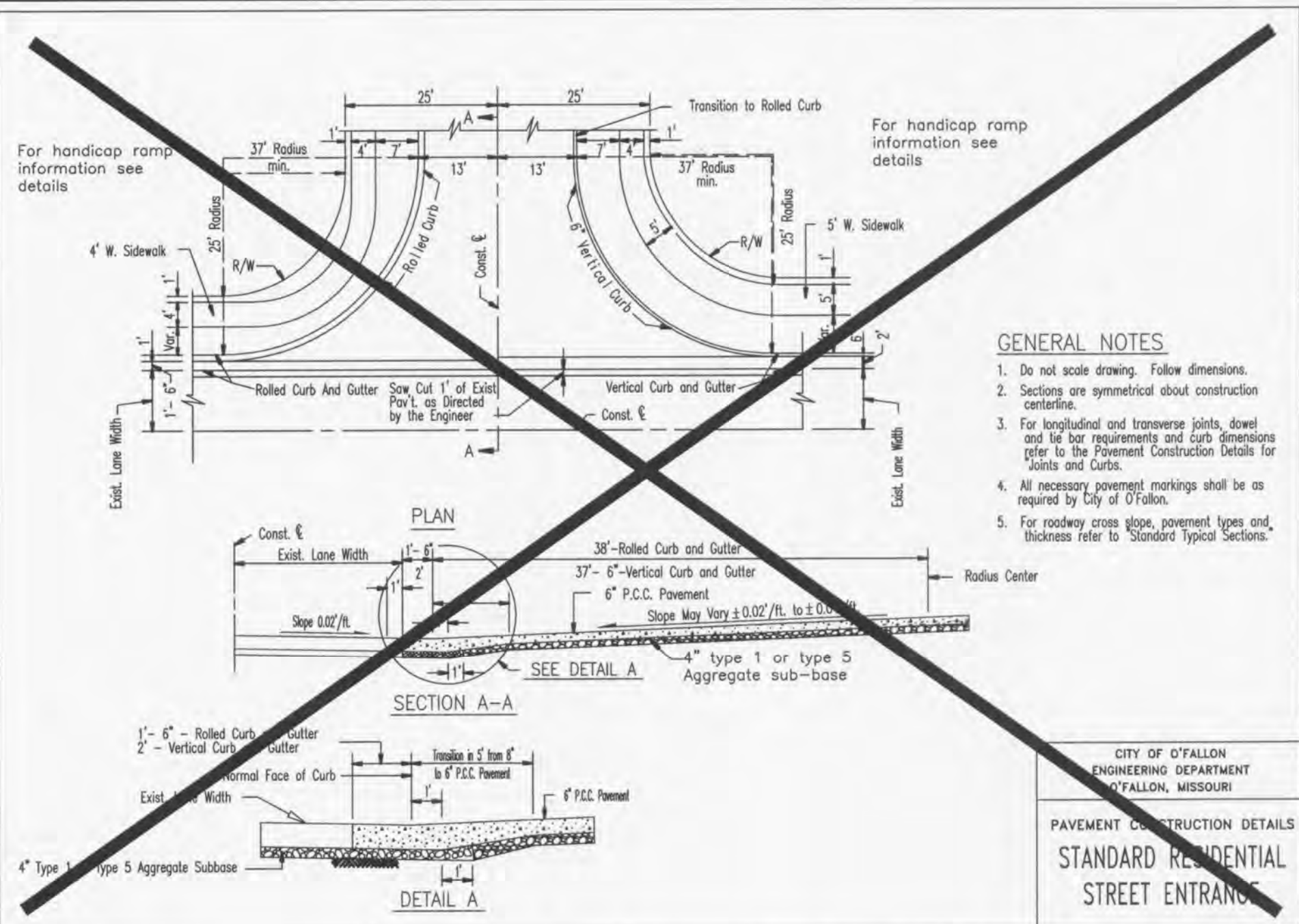


	ROW Width	Pavement Width	Lane Width	No. of Drive Lanes	Utility Easement	Design Speed
Minor Arterial	84'	60'	12'	5	10	40
Collector	60'	39'	12'	3	10	35
Residential Collector	56'	32**	N/A	2	10	25
Minor Residential Local Access	50'	26'	N/A	2	10	25*

Notes: * = Can be varied with City Engineer's approval
 ** = Detail to match minor residential street with wider pavement
 - these requirements may be varied by other City ordinances
 - these standards are minimum standards
 - Parkway options can be provided as indicated above

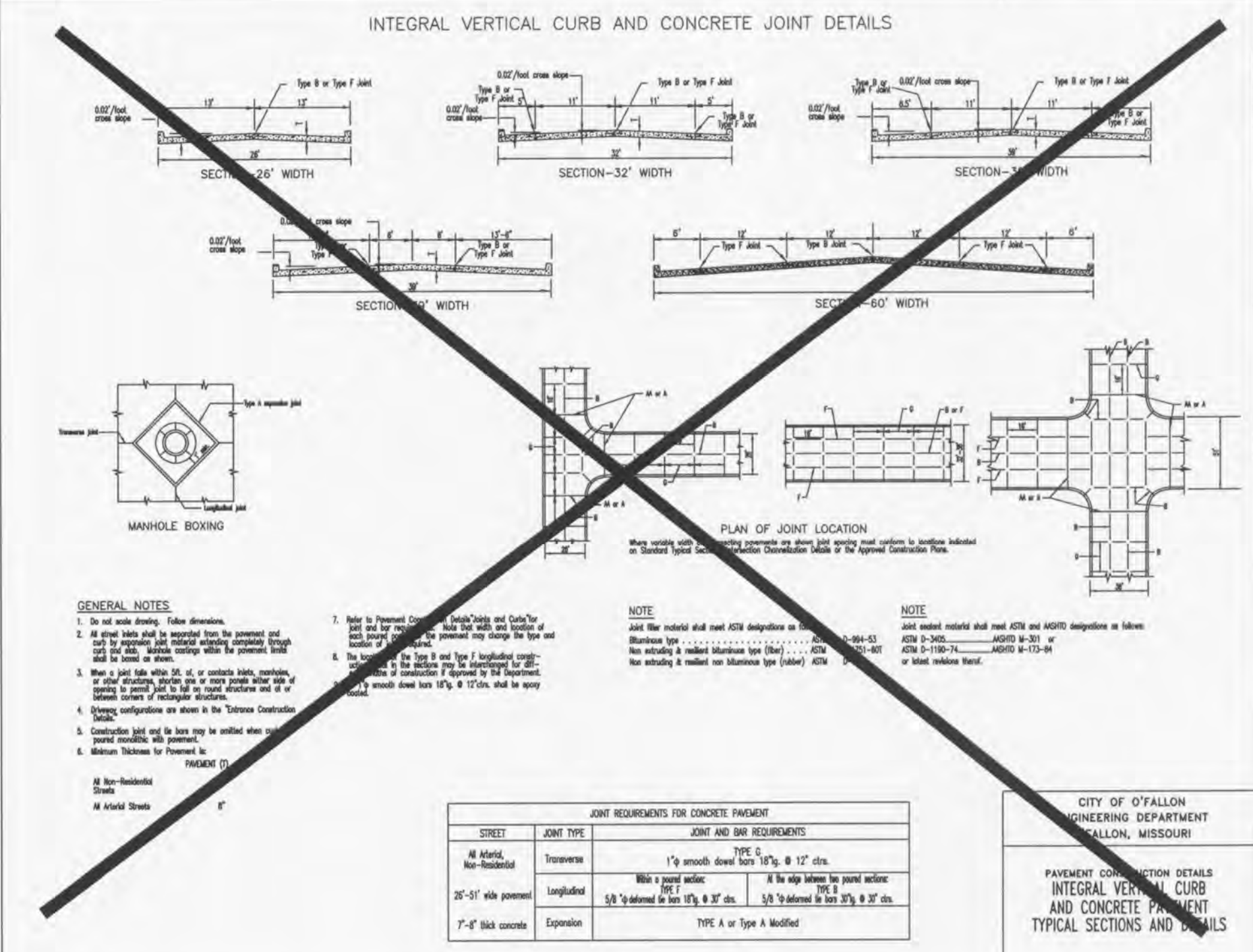
Designer will provide roadway cross section and joint locations in a separate detail drawing.

CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
 Typical Pavement Design
 SECTION NO. 405.370



GENERAL NOTES
 1. Do not scale drawing. Follow dimensions.
 2. Sections are symmetrical about construction centerline.
 3. For longitudinal and transverse joints, dowel and bar requirements and curb dimensions refer to the Pavement Construction Details for Joints and Curb.
 4. All necessary pavement markings shall be as required by City of O'Fallon.
 5. For roadway cross slope, pavement types and thickness refer to Standard Typical Sections.

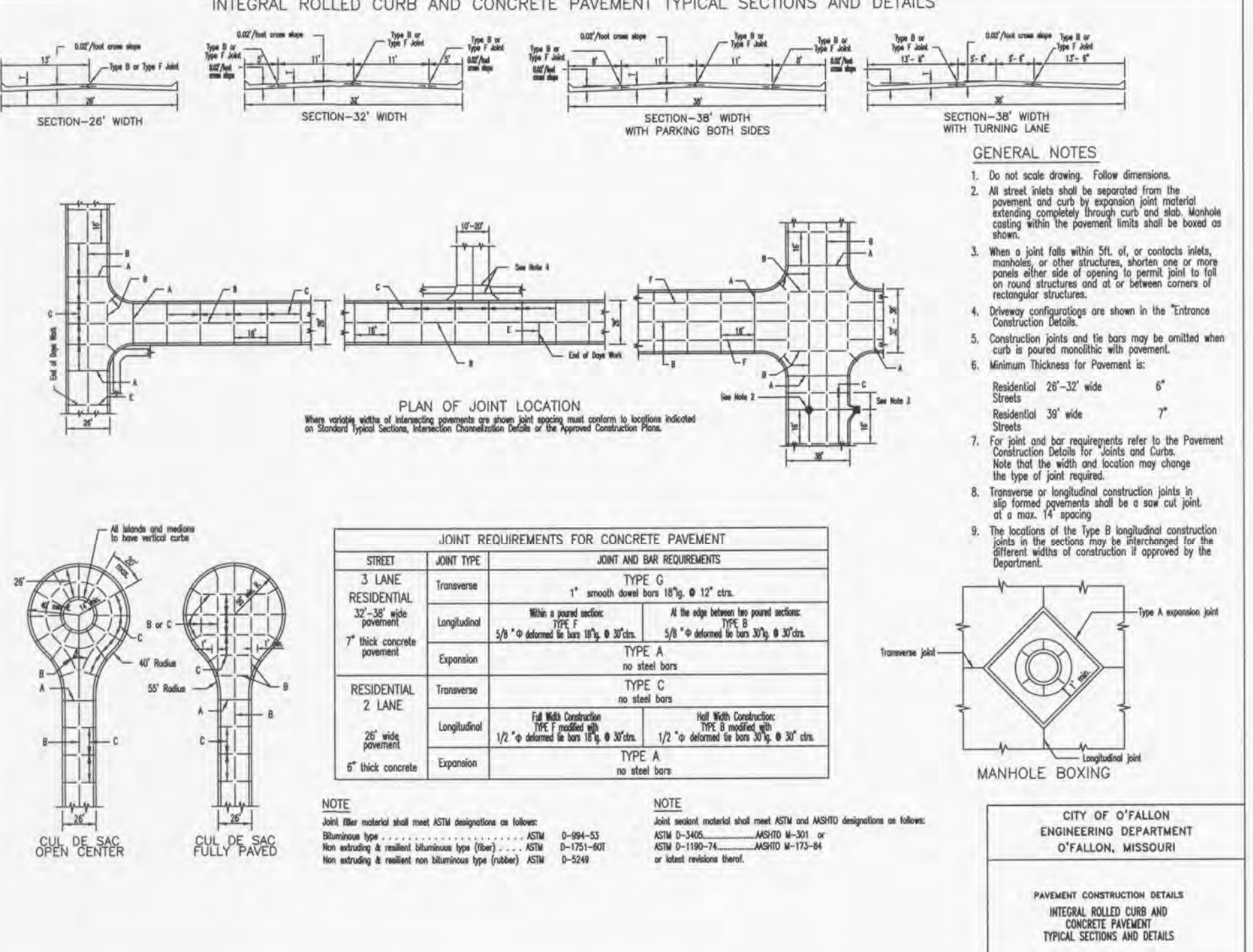
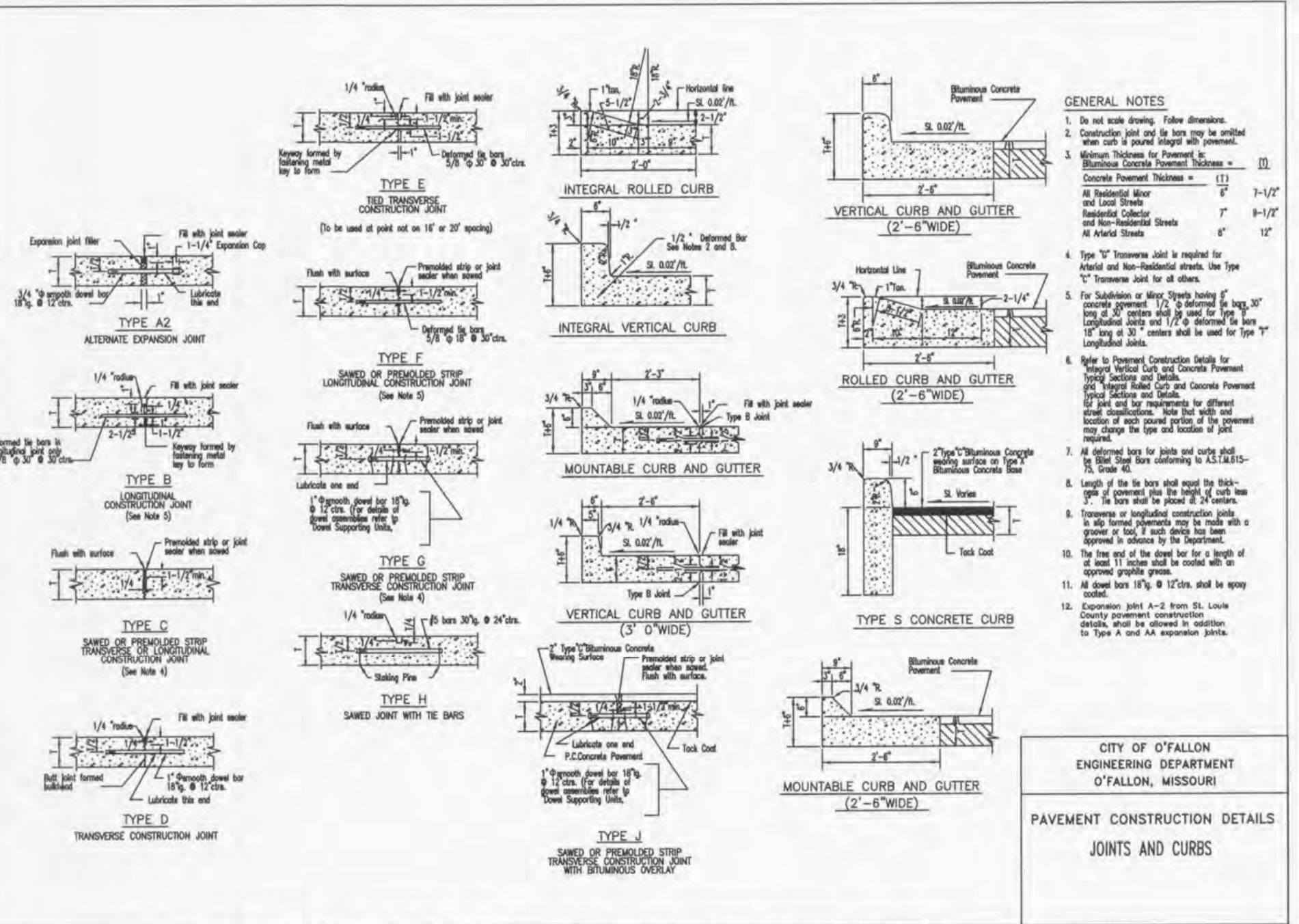
CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
 PAVEMENT CONSTRUCTION DETAILS
 STANDARD RESIDENTIAL
 STREET ENTRANCE
 SECTION NO. 505.080



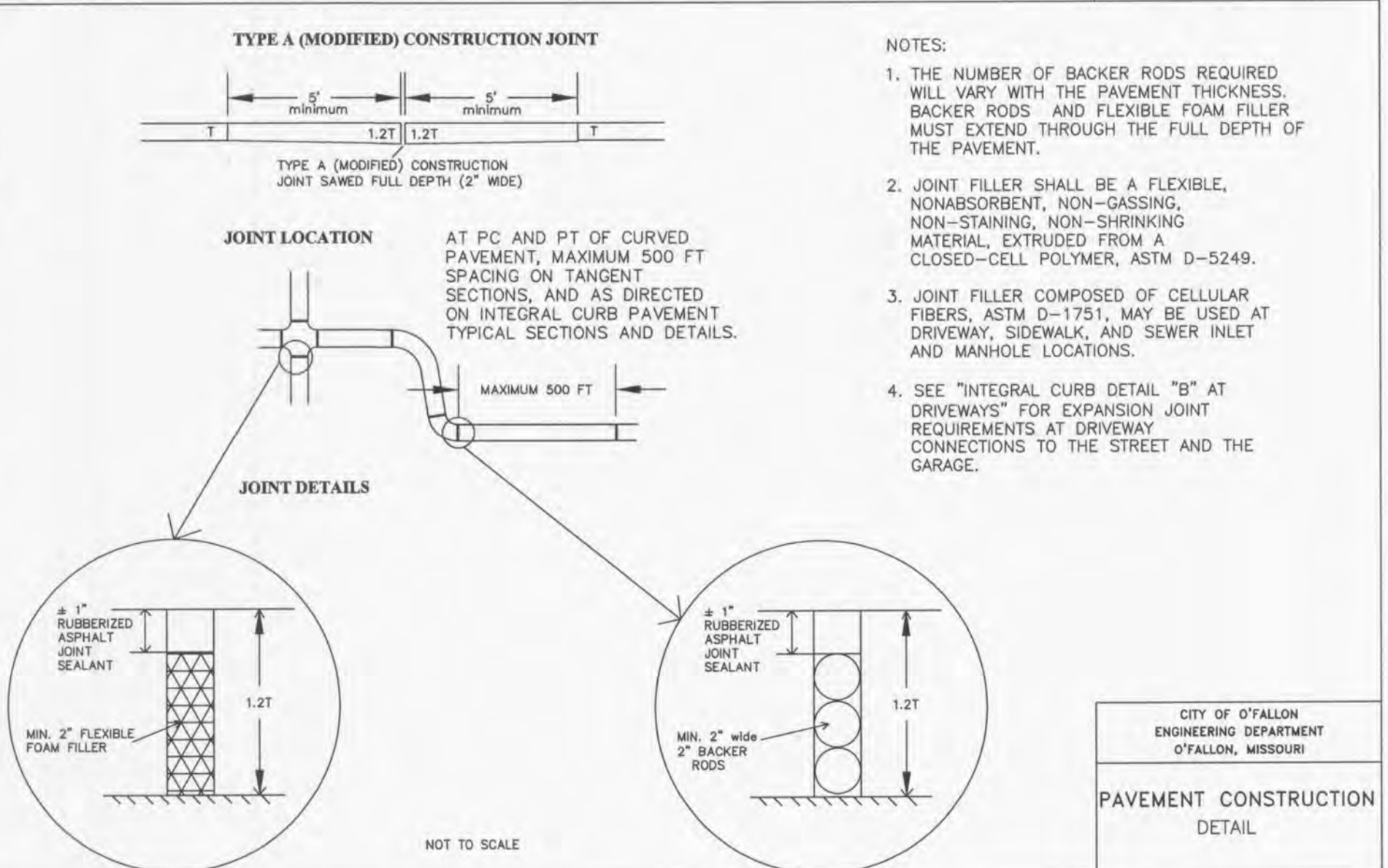
GENERAL NOTES
 1. Do not scale drawing. Follow dimensions.
 2. All street inlets shall be separated from the pavement and curb by expansion joint material extending completely through curb and into sub-base.
 3. When a joint falls within 5 ft. of concrete inlets, manholes, or other structures, shorten one or more points after that of opening is parallel joint to fall on round structures and at or between corners of rectangular structures.
 4. Driveway configurations are shown in the "Driveway 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 2'-3" wide 6" Streets
 Residential 3' wide 7" Streets
 For joint and bar requirements refer to the Pavement Construction Details for "Joints and Curb".
 Note that the width and location may change the type of joint required.
 8. Transverse or longitudinal construction joints in sidewalk pavements shall be a saw cut joint at a max. 12' spacing.
 9. The locations of the Type B longitudinal construction joints and tie bars may be determined for the different widths of construction if approved by the Department.

STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
3 Lane Residential	Transverse	Type G 1" smooth steel bars 18" x 12' cts.
2 Lane Residential	Transverse	Type C 1" smooth steel bars 18" x 12' cts.
2 Lane Residential	Longitudinal	Type A no steel bars
2 Lane Residential	Expansion	Type A no steel bars

CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
 PAVEMENT CONSTRUCTION DETAILS
 INTEGRAL VERTICAL CURB
 AND CONCRETE PAVEMENT
 TYPICAL SECTIONS AND DETAILS
 SECTION NO. 505.080



STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
3 Lane Residential	Transverse	Type G 1" smooth steel bars 18" x 12' cts.
2 Lane Residential	Transverse	Type C 1" smooth steel bars 18" x 12' cts.
2 Lane Residential	Longitudinal	Type A no steel bars
2 Lane Residential	Expansion	Type A no steel bars



NOTE: 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.

NOTE: JOINT FILLER SHALL BE A FLEXIBLE, NONABSORBENT, NON-GASSING, NON-STAINING, NON-SHRINKING MATERIAL, EXTRUDED FROM A CLOSED-CELL POLYMER, ASTM D-5249.

NOTE: JOINT FILLER COMPOSED OF CELLULAR FIBERS, ASTM D-1751, MAY BE USED AT DRIVEWAY, SIDEWALK, AND SEWER INLET AND MANHOLE LOCATIONS.

CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
 PAVEMENT CONSTRUCTION
 DETAIL
 SECTION NO. 505.080

NOTE: ALL NON-REINFORCED CONCRETE SHALL BE 4,000 p.s.i. AT 28 DAYS.

PROJECT TITLE
**WYNDGATE VILLAGE F
 PLAT THREE**

DEVELOPER / OWNER INFORMATION
McBride Wyndgate, LLC
 16091 Swingley Ridge Road, Suite 300
 Chesterfield, Missouri 63077

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CITY OF O'FALLON
 ENGINEERING DEPARTMENT
 O'FALLON, MISSOURI
 PAVEMENT CONSTRUCTION
 DETAILS
 SECTION NO. 405.370

P+Z No. 3203
 City No.
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