

ISSUE	REMARKS/DATE
1	10-16-2012, INITIAL SUBMITTAL
2	11-29-2012, CITY COMMENTS
3	1-14-2013, CITY & DCSD COMMENTS
4	2-20-2013, CITY COMMENTS

PROJECT TITLE
BOARDWALK GARDENS
OF FALLON, MISSOURI

THE **STERLING** CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-9844
www.sterling-eng-survey.com
Corporate Certificate of Authority #001348

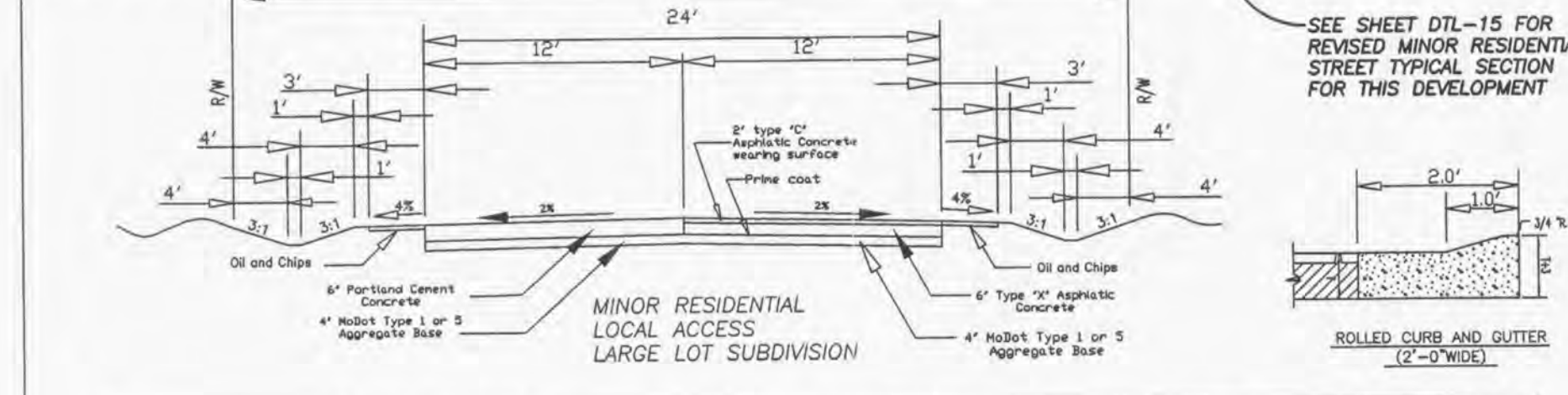
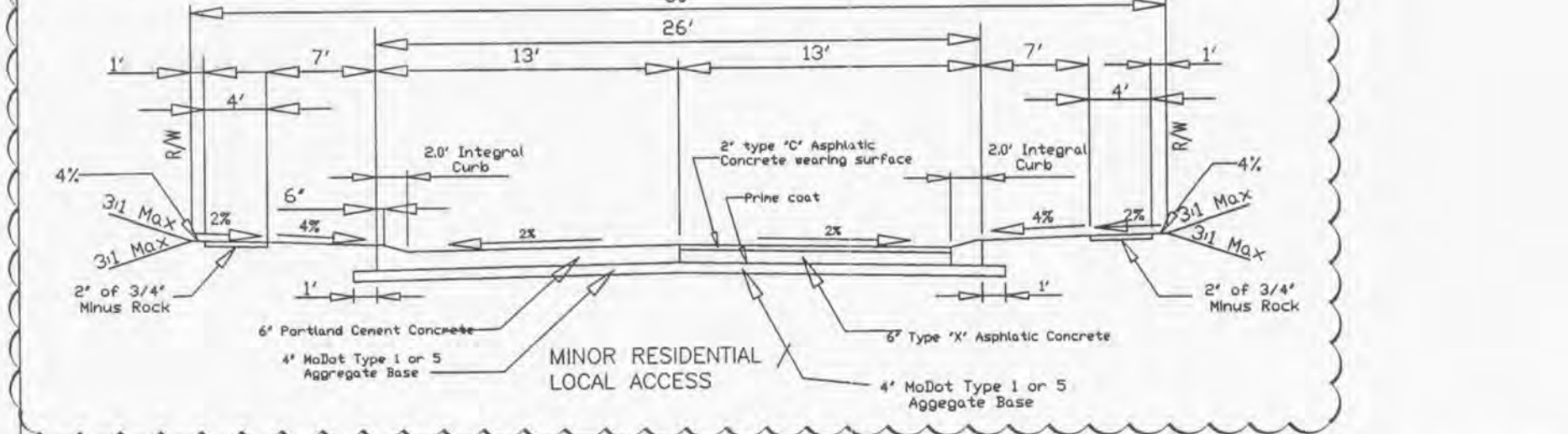
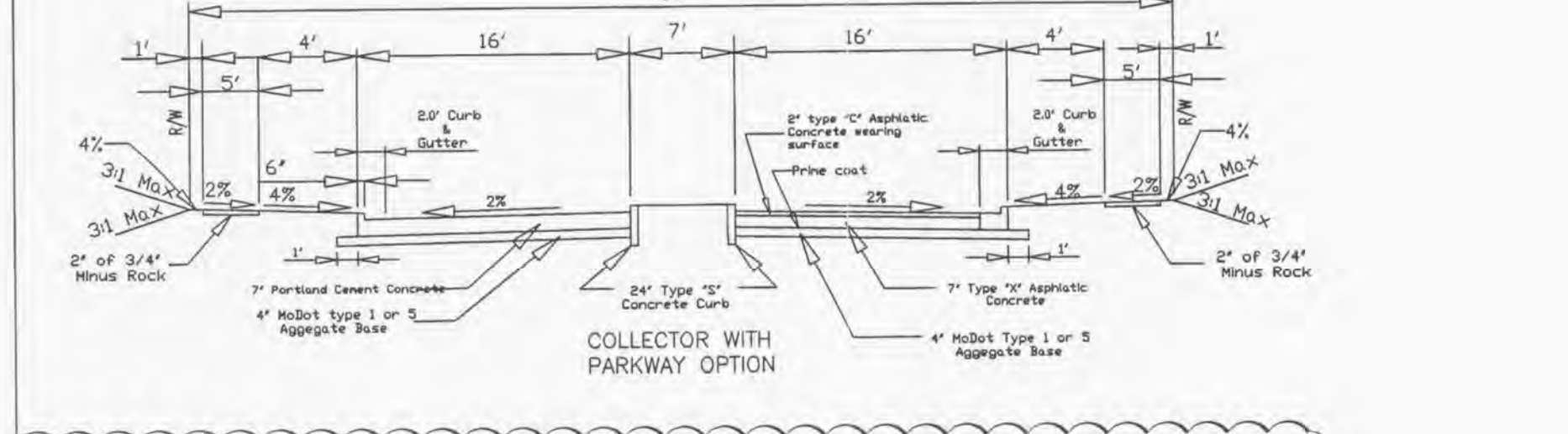
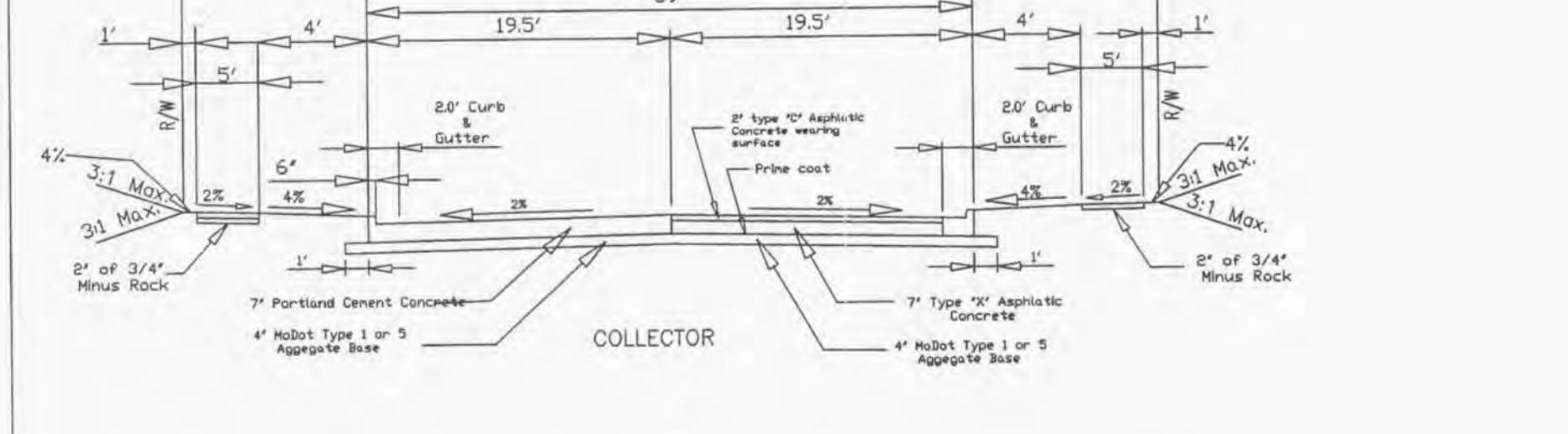
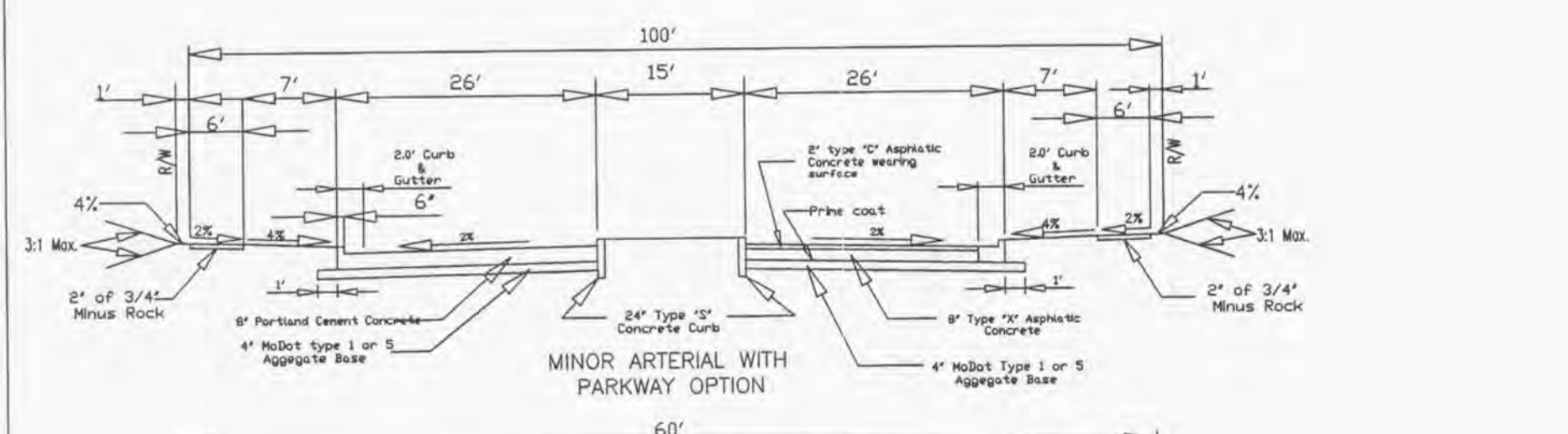
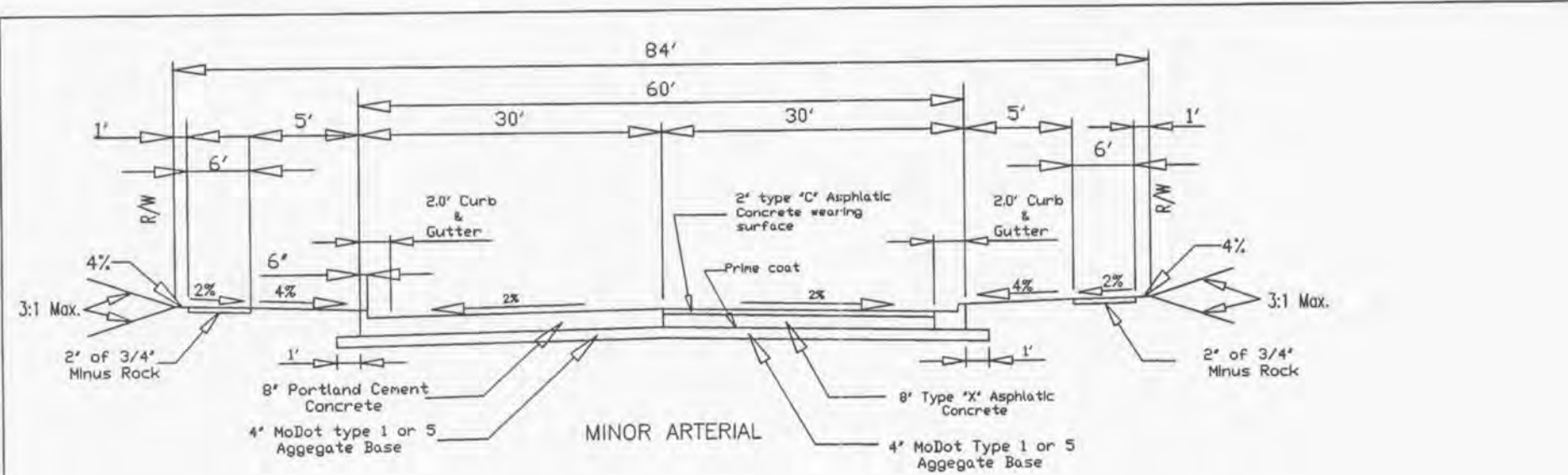
Date: MICHAEL G. BOERDING
License No. E-28643
Civil Engineer

MCBRIDE RED HAWK, LLC
16091 SWINGLEY RIDGE ROAD, SUITE 300
CHESTERFIELD, MISSOURI 63017
PH: 636-537-2000
Contact: Jeff Boland

P+Z No. 9831.34.09.01
City No.
Date: OCT. 16, 2012
Job No. 12-05-128
Page No.

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IMP

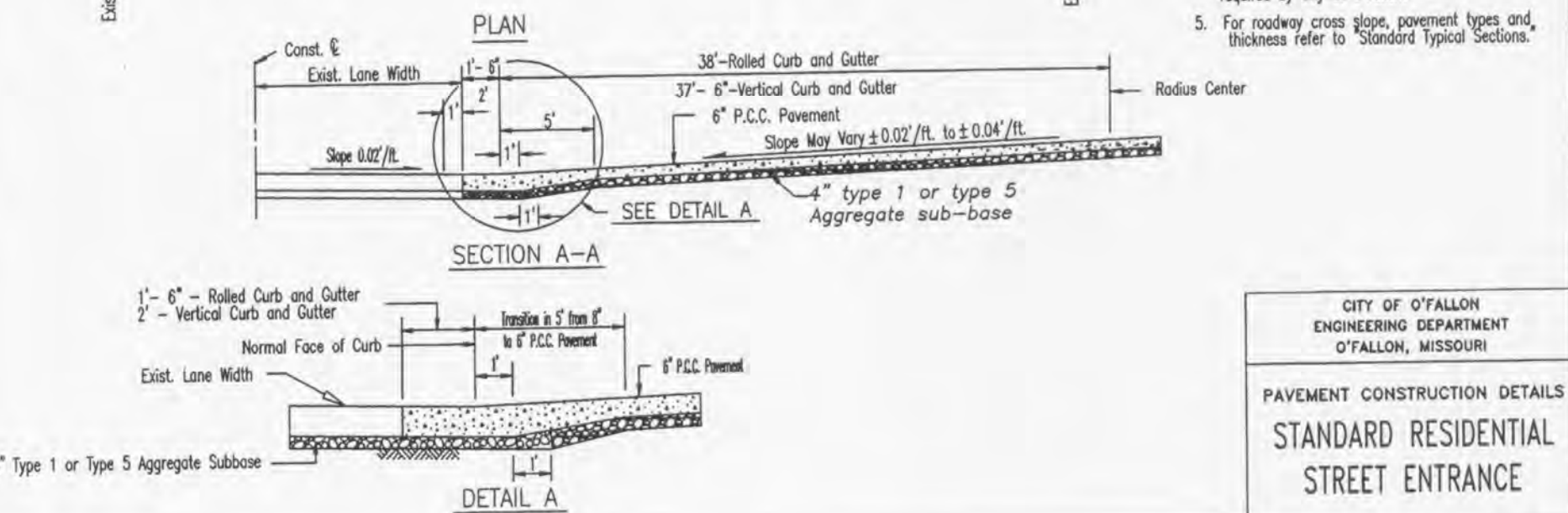
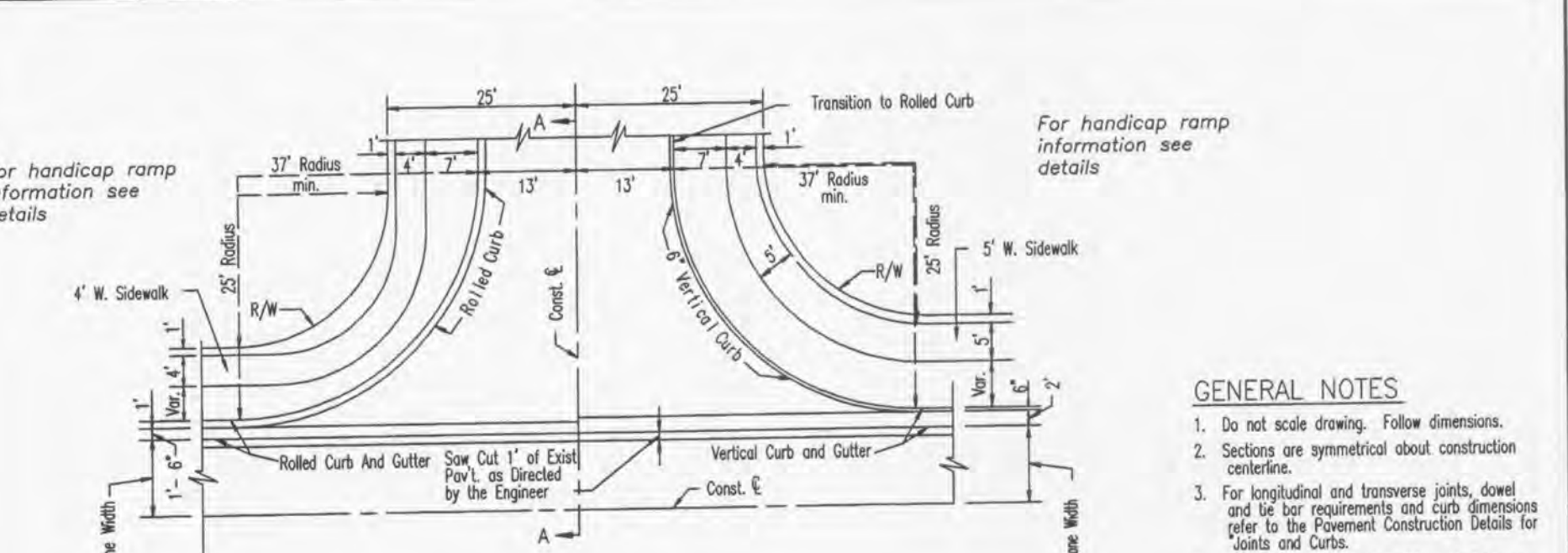


	ROW Width	Pavement Width	Lane Width	No. of Drive Lanes	Utility Easement	Design Speed
Minor Arterial	84	60	12	5	10	40
Collector	60	39	12	3	10	35
Residential Collector	56	32**	N/A	2	10	25
Minor Residential Local Access	50	26	N/A	2	10	25*

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

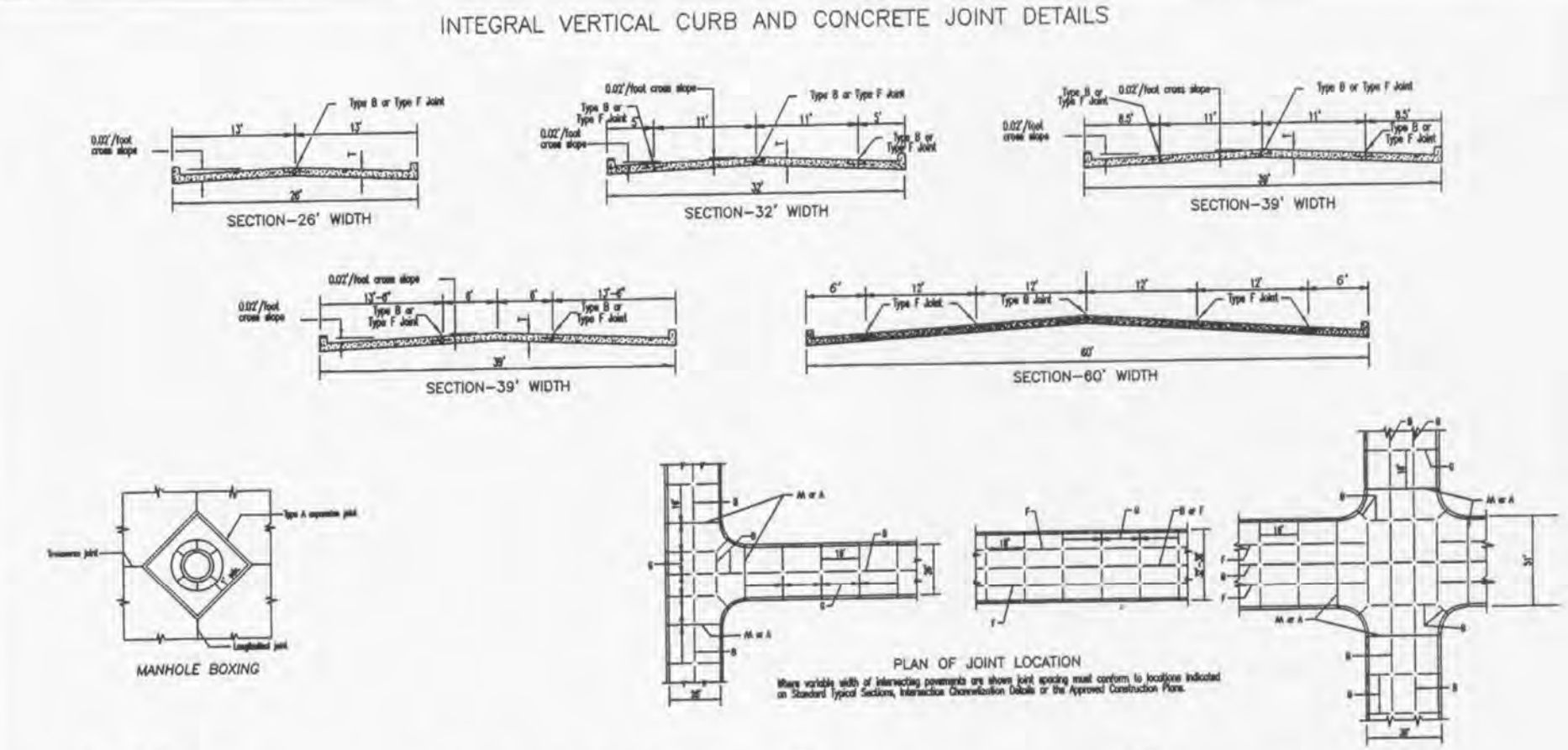
Designer will provide roadway cross section and joint locations in a separate detail drawing.

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



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

CITY OF FALLON
ENGINEERING DEPARTMENT
OF FALLON, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
STANDARD RESIDENTIAL
STREET ENTRANCE

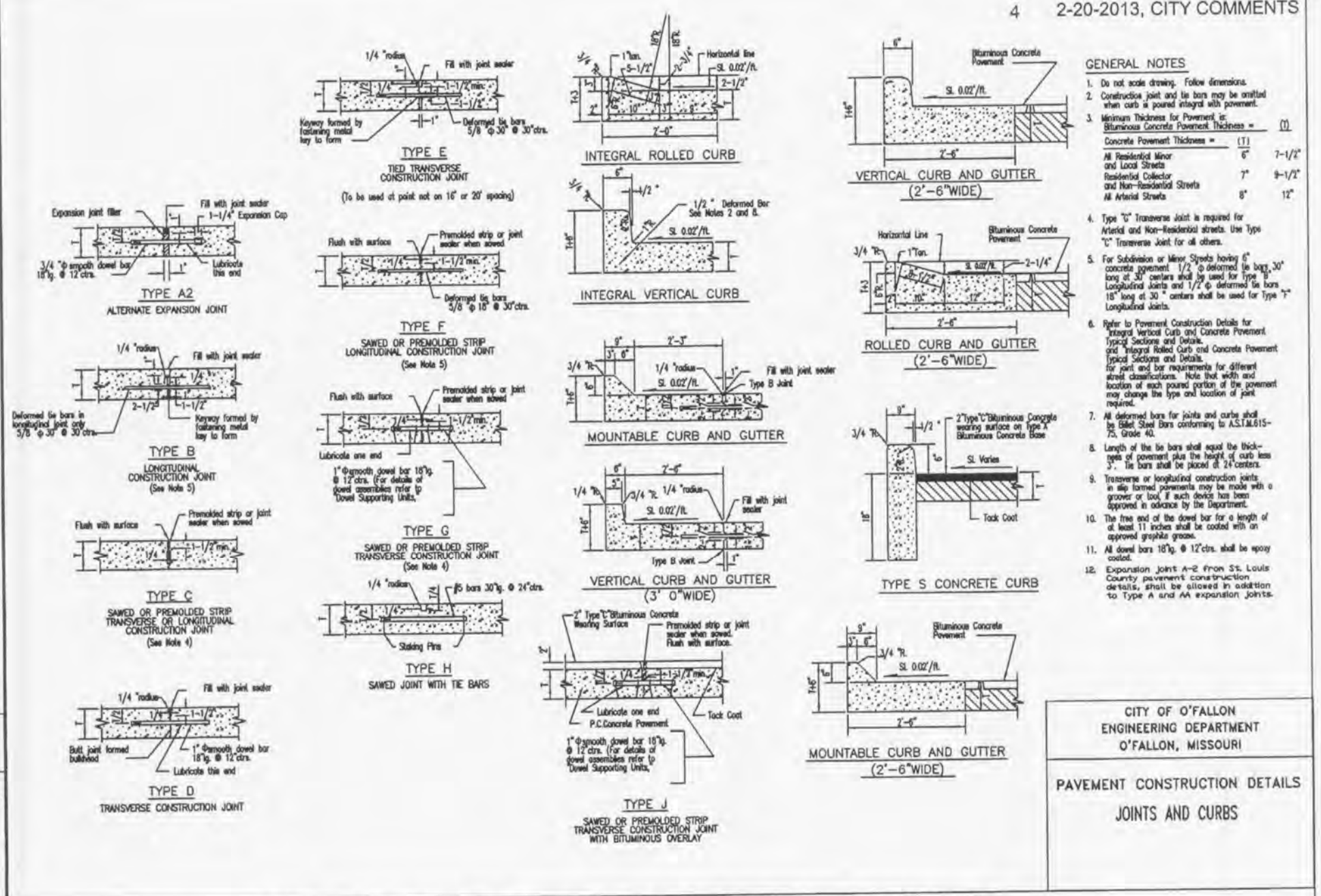


- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - All steel shall be galvanized to meet or exceed G-90.
 - When a joint falls within 5ft. of a contact inlet, manhole, or other structure, shorten one or more grade elevations to permit joint to fall on round structure and set in between corners of rectangular structure.
 - Driveway configurations are shown in the "Driveway Construction Details".
 - Construction joints shall be located as shown in the "Driveway Construction Details".
 - Minimum thickness for Driveway is Residential 36"-32" wide 6" Streets Residential 30" wide 5" Streets
 - Joint and bar requirements refer to the Pavement Construction Details for Joints and Curbs. Note that width and location may change the type of joint required.
 - Transverse longitudinal construction joints in lane pavement shall be set on subgrade at 2' or 4' spacing.
 - The location of the Type B longitudinal construction joints in the sections may be approved by the District Administrator if approved by the Department.

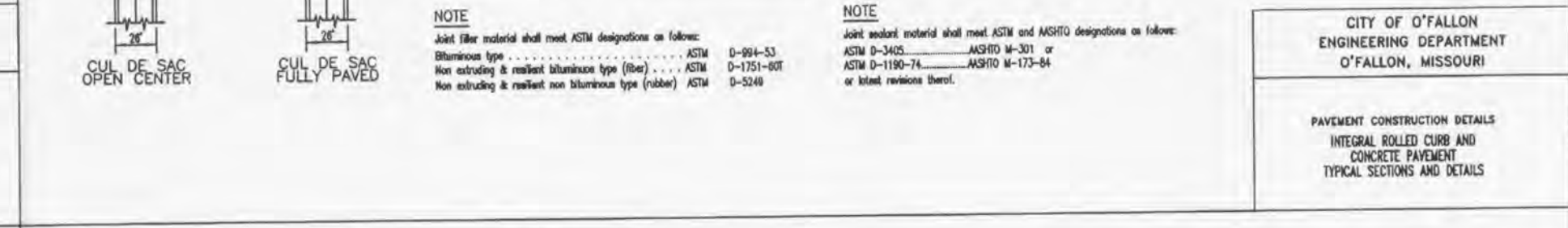
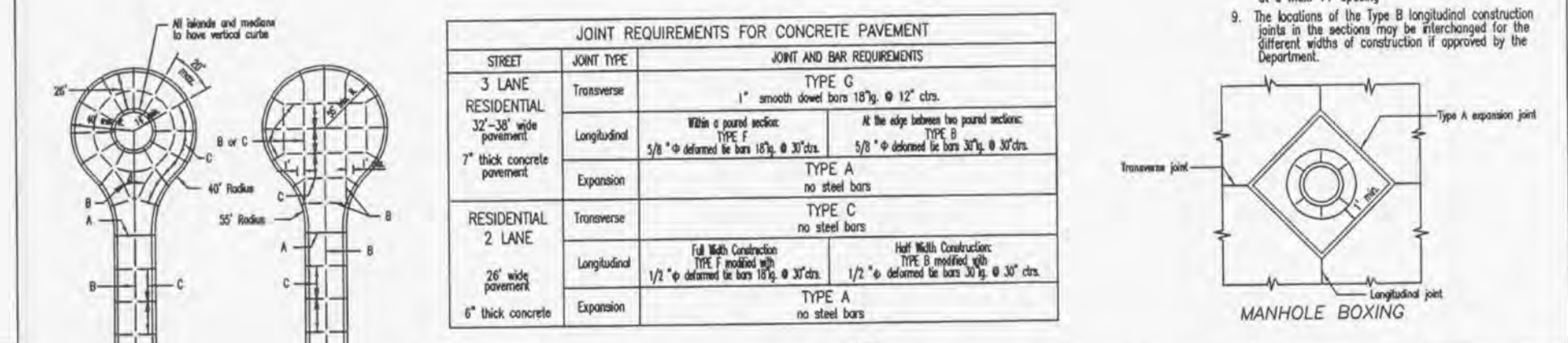
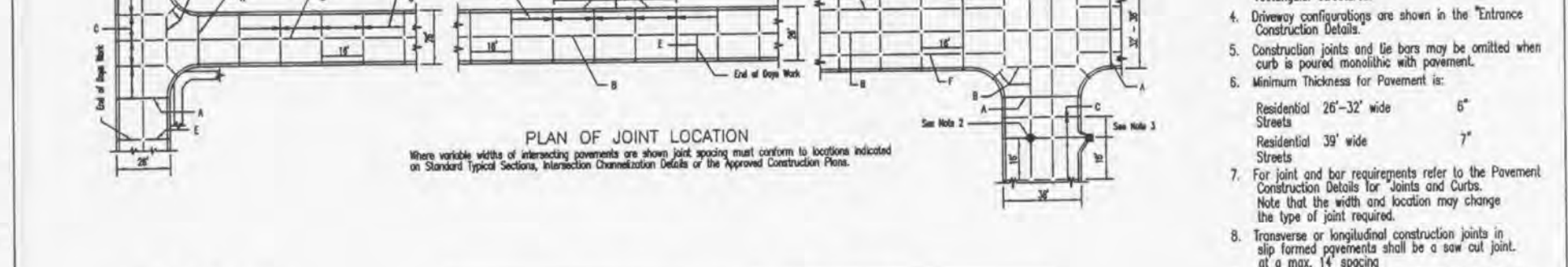
JOINT REQUIREMENTS FOR CONCRETE PAVEMENT

STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
3 LANE	Transverse	TYPE C
RESIDENTIAL	Longitudinal	1" smooth dowel bars 18" @ 12' cts.
7" back concrete pavement	Expansion	TYPE A or Type A modified
RESIDENTIAL 2 LANE	Transverse	TYPE C
3" back concrete	Expansion	TYPE A or Type A modified

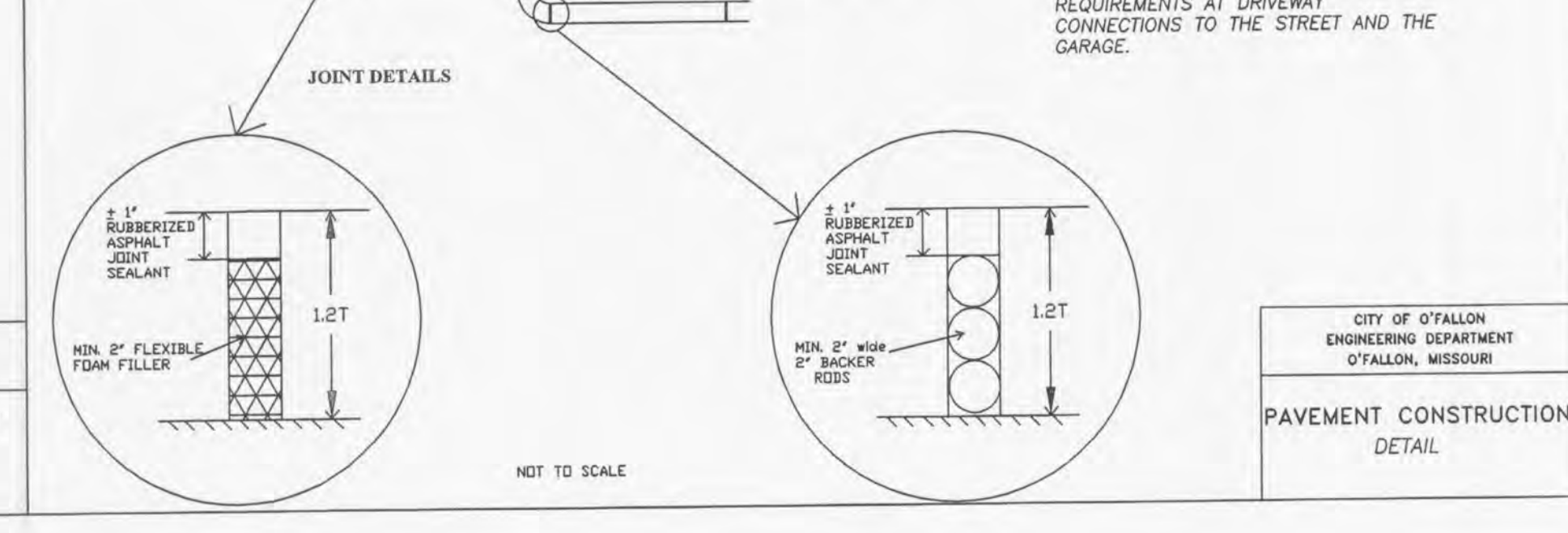
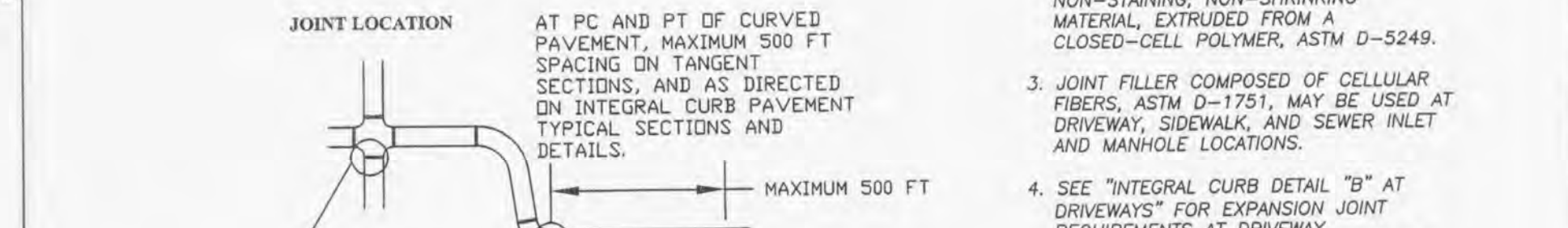
CITY OF FALLON
ENGINEERING DEPARTMENT
OF FALLON, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
INTEGRAL VERTICAL CURB
AND CONCRETE PAVEMENT
TYPICAL SECTIONS AND DETAILS



- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
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- NOTES**
- 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.
 - JOINT FILLER SHALL BE A FLEXIBLE, NONABSORBENT, NON-GASSING, NON-STAINING, NON-SHRINKING MATERIAL, EXTRUDED FROM A CLOSED-CELL POLYMER, ASTM D-5249.
 - JOINT FILLER COMPOSED OF GELULAR FIBERS, ASTM D-1751, MAY BE USED AT DRIVEWAY, SIDEWALK, AND SEWER INLET AND MANHOLE LOCATIONS.
 - SEE "INTEGRAL CURB DETAIL 'B'" AT DRIVEWAYS FOR EXPANSION JOINT REQUIREMENTS AT DRIVEWAY CONNECTIONS TO THE STREET AND THE GARAGE.



CITY OF FALLON
ENGINEERING DEPARTMENT
OF FALLON, MISSOURI
Integral Curb Detail
"B" at Driveway
SECTION NO. 505.080

CITY OF FALLON
ENGINEERING DEPARTMENT
OF FALLON, MISSOURI
PAVEMENT CONSTRUCTION
DETAIL