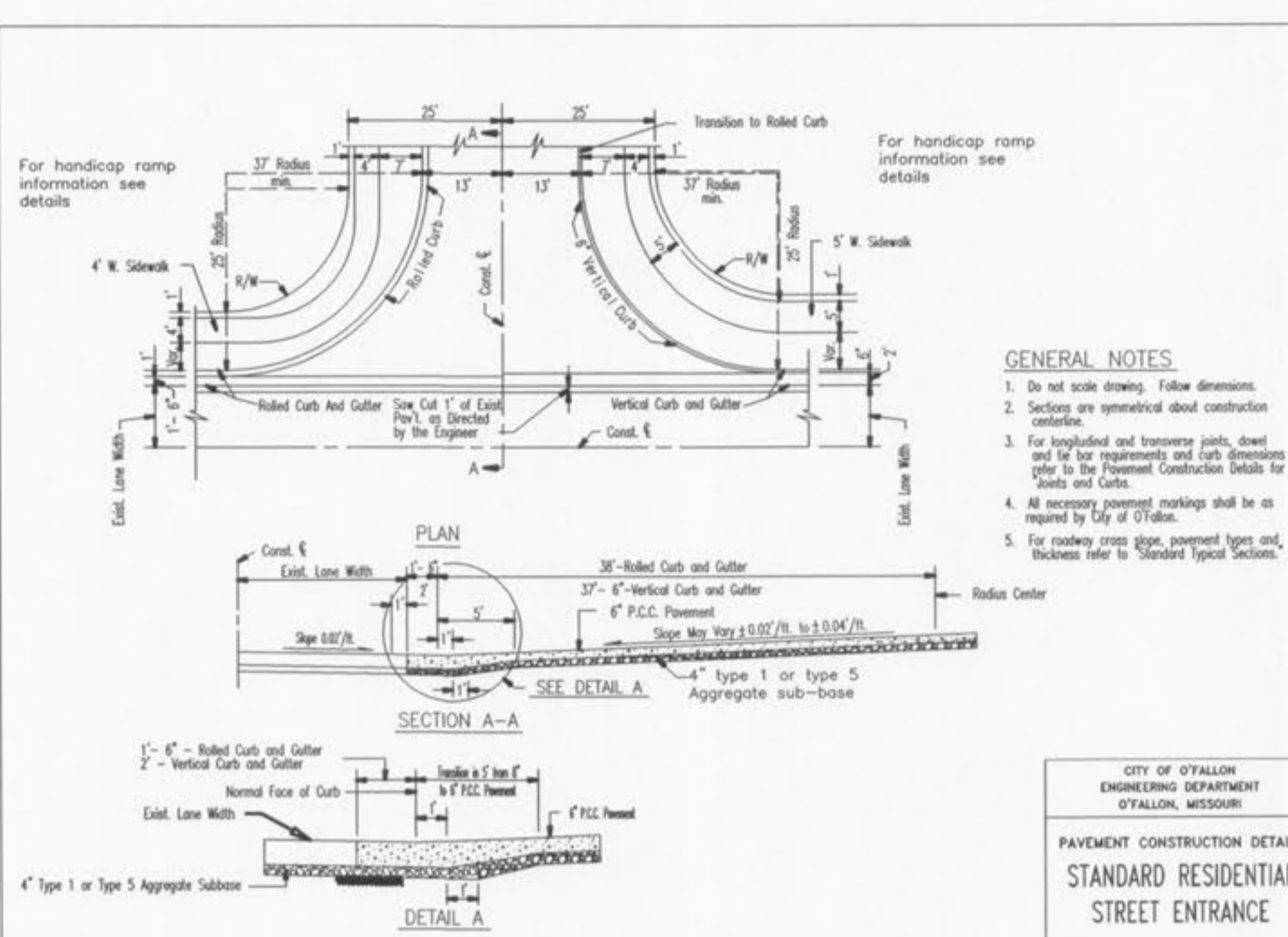


	ROW Width	Pavement Width	Lane Width	No. of Drive Lanes	Utility Easement	Design Speed
Minor Arterial	84	60	12	5	10	40
Collector	60	39	12	3	10	35
Residential Collector	56	32**	N/A	2	10	25
Minor Residential Local Access	50	26	N/A	2	10	25*

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

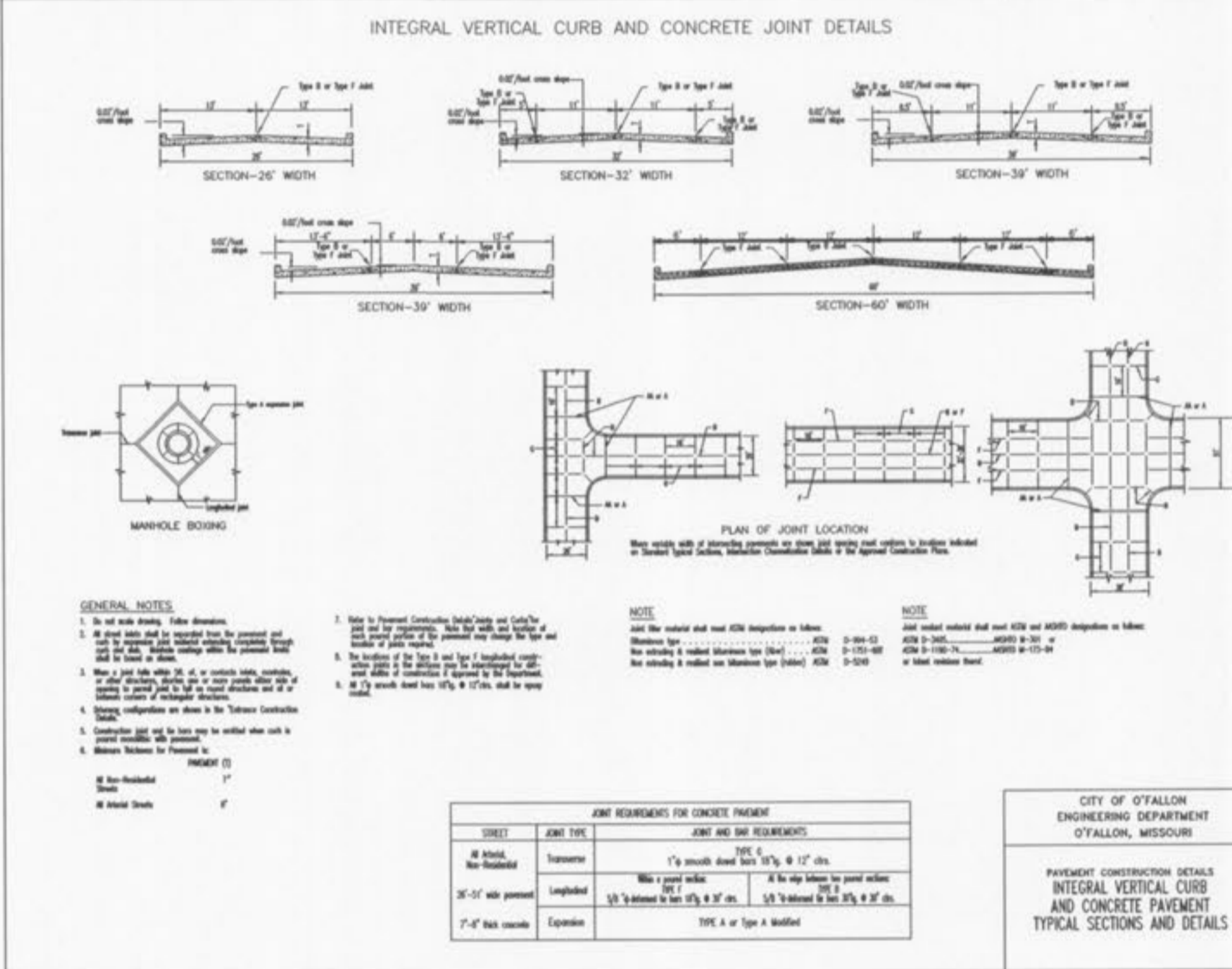
Designer will provide roadway cross section and joint locations in a separate detail drawing.

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, detail and bar requirements and curb dimensions refer to the Pavement Construction Details for Joints and Curbs.
  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.

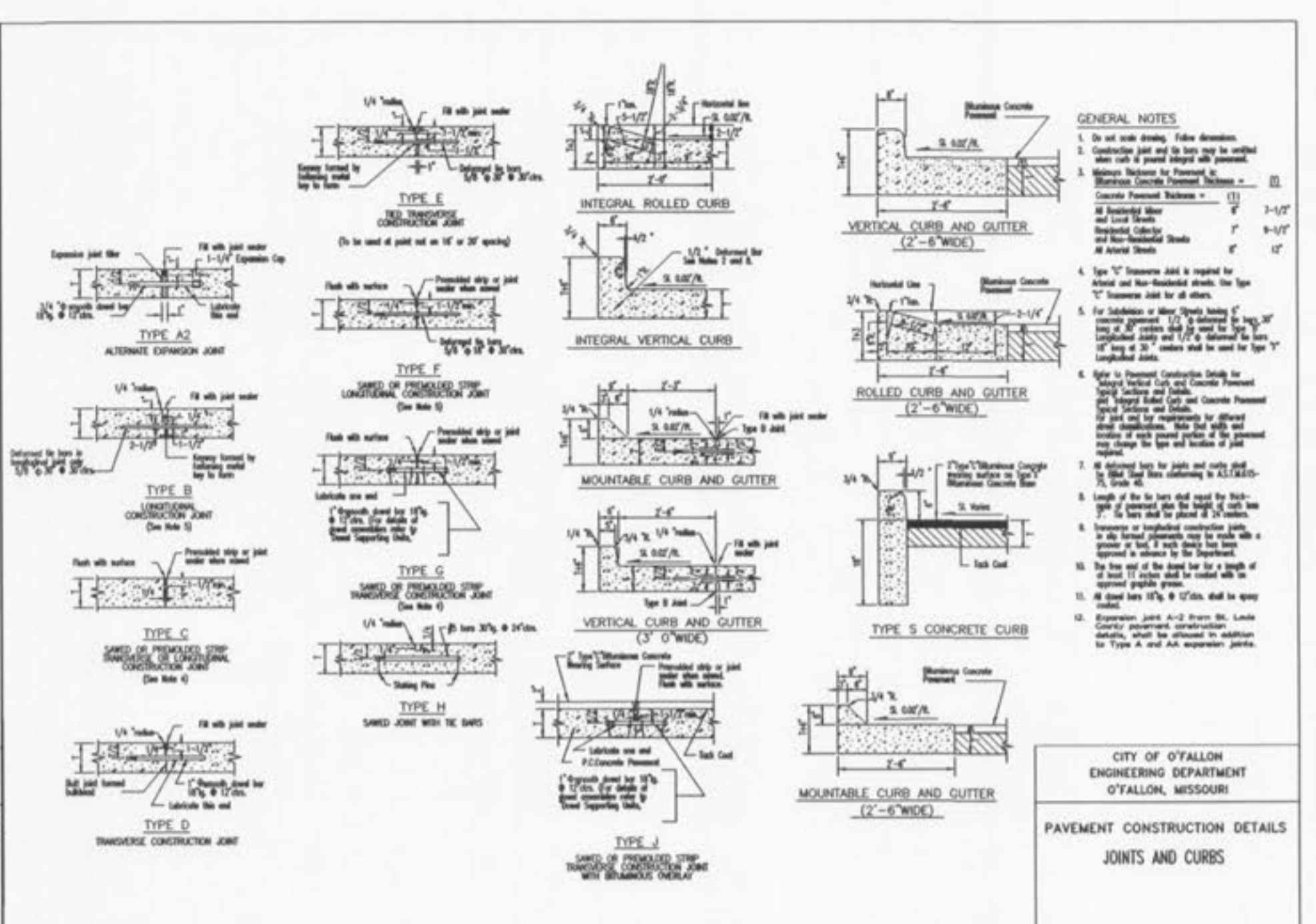
CITY OF O'FALLON  
 ENGINEERING DEPARTMENT  
 O'FALLON, MISSOURI  
 PAVEMENT CONSTRUCTION DETAILS  
 STANDARD RESIDENTIAL  
 STREET ENTRANCE



- GENERAL NOTES**
1. Do not scale drawing. Follow dimensions.
  2. All street joints shall be separated from the curb and gutter by a minimum of 12 inches.
  3. When a joint falls within 24" of a curb, curb, manhole, or other structure, details are shown in alternate locations and/or alternate details of no longer dimensions.
  4. Driveway configurations are shown in the Tolerance Construction Details.
  5. Construction joints and bar laps may be varied when curb is poured monolithic with pavement.
  6. Minimum thickness for pavement is:
    - Residential 2" - 3" side
    - Streets 3" - 4" side
    - Streets 4" - 6" side
  7. For joint and bar requirements refer to the Pavement Construction Details for Joints and Curbs. Note that the width and location may change the type of joint required.
  8. Transverse or longitudinal construction joints in the manhole shall be staggered for the length of manhole of construction is approved by the Department.

SHEET	JOB TYPE	JOB AND BAR REQUIREMENTS
All Other Residential	Transverse	1" smooth steel bar 1/2" x 12' dia.
32'-38' side paving	Longitudinal	1/2" x 12' dia. bar 1/2" x 12' dia. A to edge when to joint width.
7'-8' back curbs	Expansion	TYPE A or Type A Modified

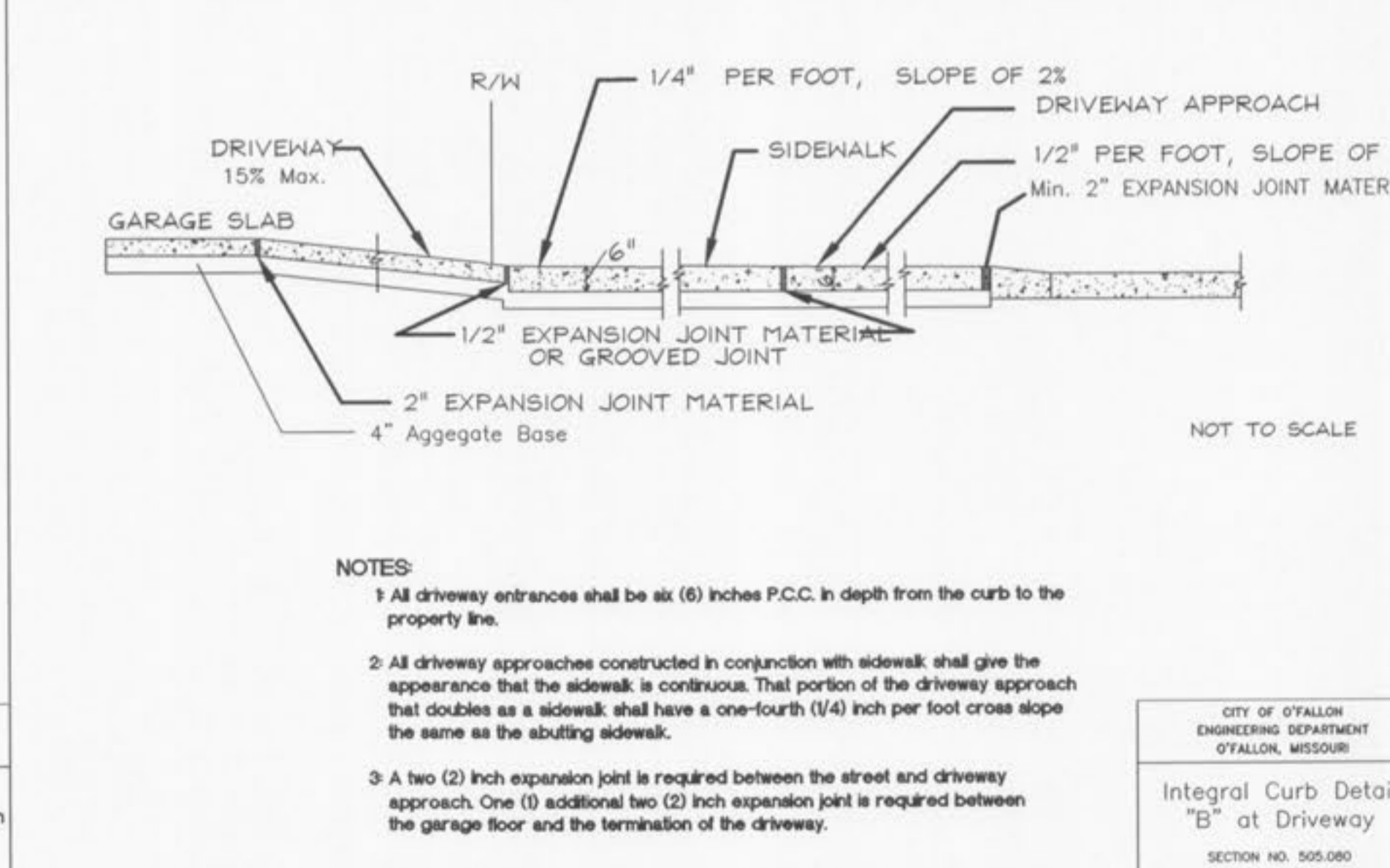
CITY OF O'FALLON  
 ENGINEERING DEPARTMENT  
 O'FALLON, MISSOURI  
 PAVEMENT CONSTRUCTION DETAILS  
 INTEGRAL VERTICAL CURB  
 AND CONCRETE PAVEMENT  
 TYPICAL SECTIONS AND DETAILS



- GENERAL NOTES**
1. Do not scale drawing. Follow dimensions.
  2. All street joints shall be separated from the curb and gutter by a minimum of 12 inches.
  3. When a joint falls within 24" of a curb, curb, manhole, or other structure, details are shown in alternate locations and/or alternate details of no longer dimensions.
  4. Driveway configurations are shown in the Tolerance Construction Details.
  5. Construction joints and bar laps may be varied when curb is poured monolithic with pavement.
  6. Minimum thickness for pavement is:
    - Residential 2" - 3" side
    - Streets 3" - 4" side
    - Streets 4" - 6" side
  7. For joint and bar requirements refer to the Pavement Construction Details for Joints and Curbs. Note that the width and location may change the type of joint required.
  8. Transverse or longitudinal construction joints in the manhole shall be staggered for the length of manhole of construction is approved by the Department.

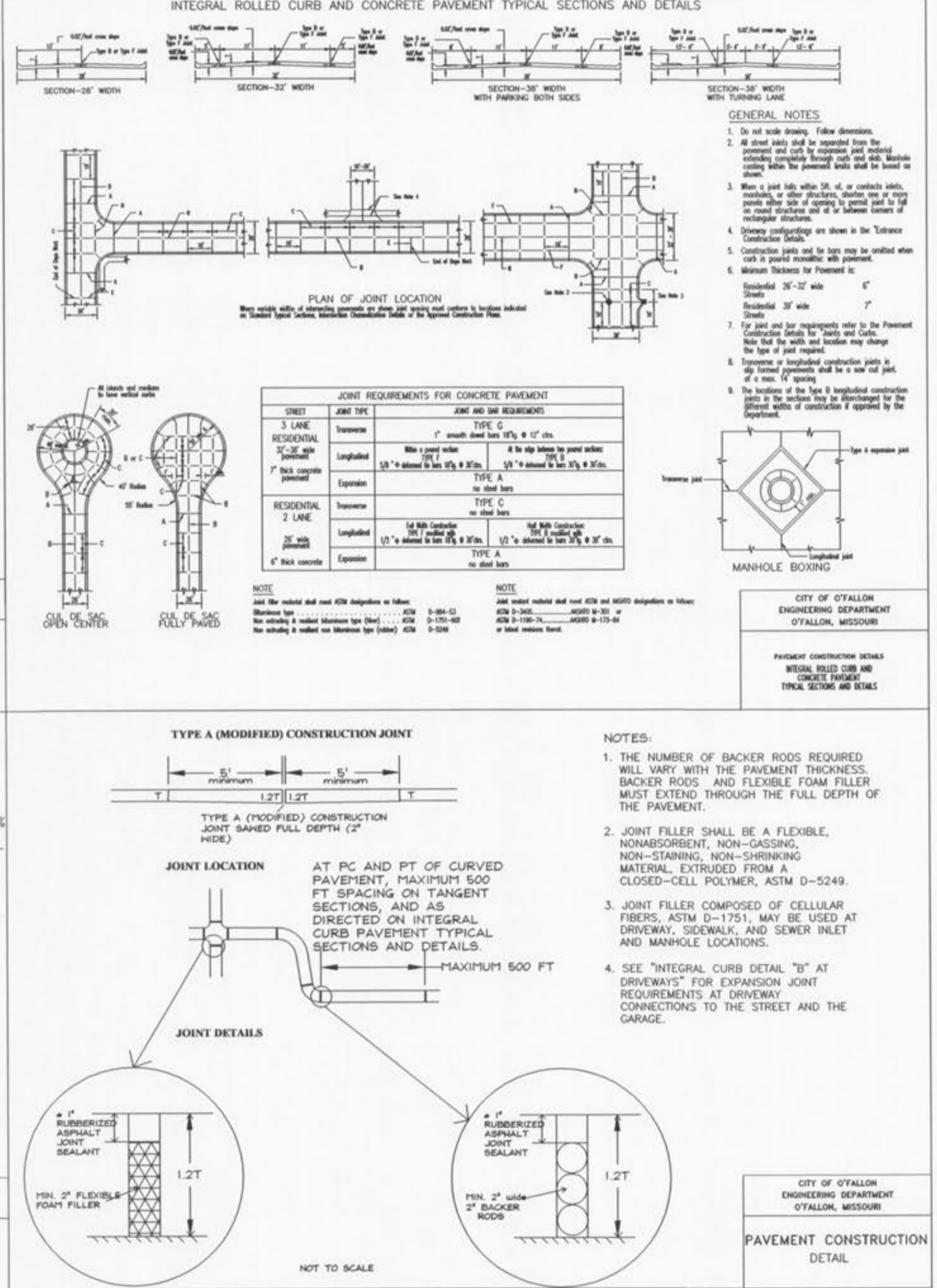
SHEET	JOB TYPE	JOB AND BAR REQUIREMENTS
3 Lane Residential	Transverse	1" smooth steel bar 1/2" x 12' dia.
32'-38' side paving	Longitudinal	1/2" x 12' dia. bar 1/2" x 12' dia. A to edge when to joint width.
7'-8' back curbs	Expansion	TYPE A or Type A Modified

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



- NOTES**
- 1 All driveway entrances shall be at (6) inches P.C.C. in depth from the curb to the property line.
  - 2 All driveway approaches constructed in conjunction with sidewalk shall give the appearance that the sidewalk is continuous. That portion of the driveway approach that doubles as a sidewalk shall have a one-fourth (1/4) inch per foot cross slope the same as the abutting sidewalk.
  - 3 A two (2) inch expansion joint is required between the street and driveway approach. One (1) additional two (2) inch expansion joint is required between the garage floor and the termination of the driveway.

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



- 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, NONABSORBENT, 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.

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

SEAL

WILLIAM AUGUST HEYSE P.E.  
 NUMBER 03-54207  
 EXPIRES 12/31/2011  
 PROFESSIONAL ENGINEER E-24297

PREPARED FOR:  
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 MO. CERT. OF AUTHORITY  
 LIC. NO. 000396  
 SERIAL NO. LS-357-D

**LDC**  
 INCORPORATED

**SCHNEIDER DUPLEX**  
 ST. JOSEPH ST.  
 O'FALLON, MO.

PROJECT  
 REVISION  
 DRAWN BY GMK  
 CHECKED BY JPT  
 DATE 1/20/2012  
 JOB NO. 11.700  
 SCALE NO SCALE  
 P&Z NO. 24-11  
 CITY NO.  
 SHEET  
**C5**

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City of O'Fallon Standard Subdivision Notes and Details - June 2010