

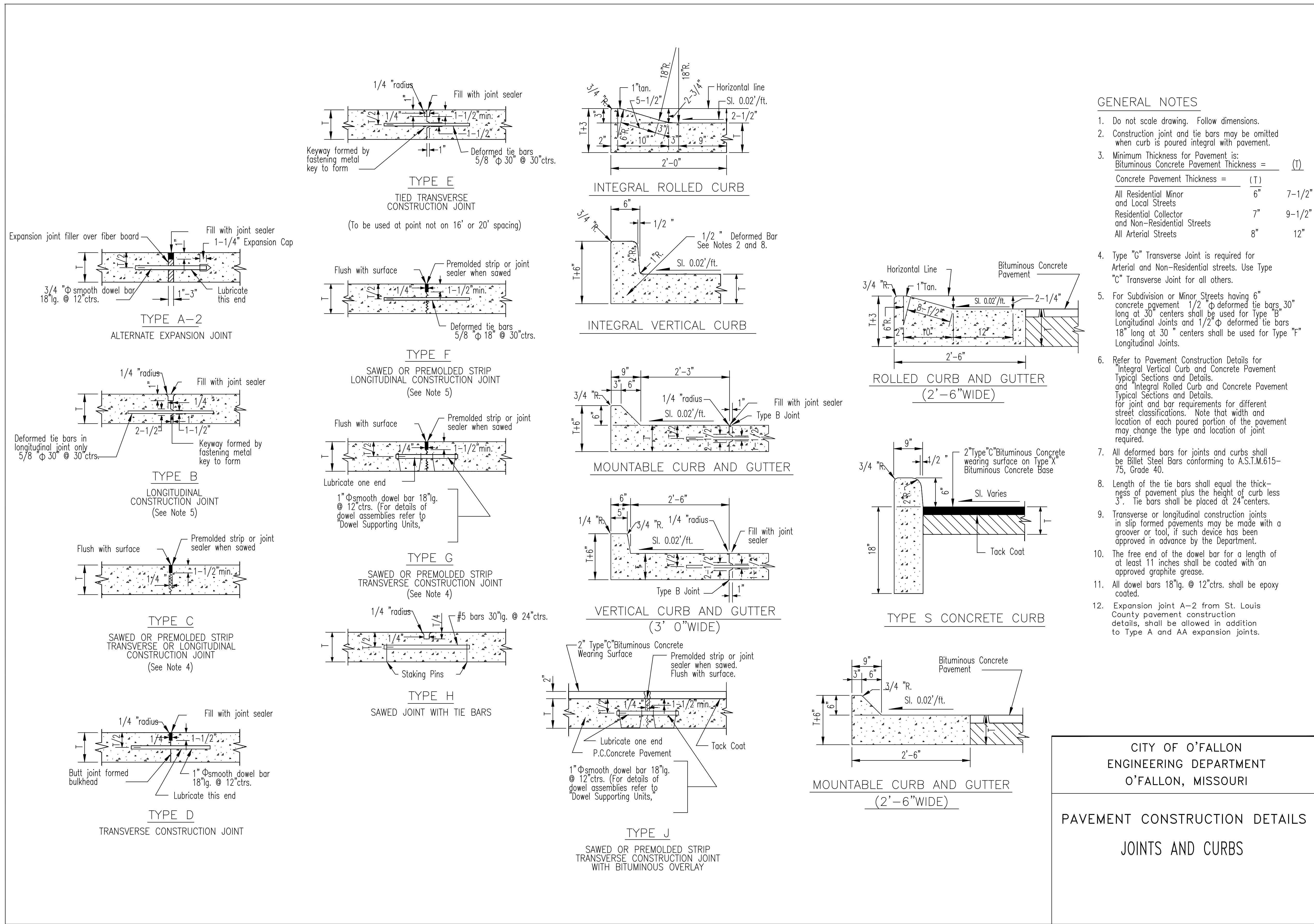
No.	Description	Date
	City Submittal	10/18/18
	City Comments	11/21/18
	City Comments	01/07/19

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 is:
Bituminous Concrete Pavement Thickness = (T)
Concrete Pavement Thickness = (T)
All Residential Minor and Local Streets 6" 7-1/2"
Residential Collector and Non-Residential Streets 7" 9-1/2"
All Arterial Streets 8" 12"
- Type "G" 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 and 1/2" ϕ deformed tie bars 18" long at 30" centers shall be used for Type "F" Longitudinal Joints.
- Refer to Pavement Construction Details for Integral Vertical Curb and Concrete Pavement Typical Sections and Details, and "Integral Rolled Curb and Concrete Pavement Typical Sections and Details" for joint and bar requirements for different street classifications. Note that 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.615-75, Grade 40.
- Length of the tie bars shall equal the thickness of pavement plus the height of curb less 3". Tie bars shall be placed at 24" 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"lg. @ 12" ctrs. shall be epoxy coated.
- Expansion joint A-2 from St. Louis County pavement construction details, shall be allowed in addition to Type A and AA expansion joints.

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS
JOINTS AND CURBS



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