

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	83	1122

**MATERIAL SUBSTITUTION:**  
 Xorex 'Steel Fibers' (2-in. length) were utilized by Paving Contractor in lieu of Welded Wire Fabric (MW-26 Wires @ 150 mm centers). Steel fiber application rate = seven (7) - 55 lb bags per 10 cubic yards for 200 mm (Uniform) Portland Cement Concrete Pavement.

**CONCRETE PAVEMENT JOINT TYPES:**

- A) CONTRACTION JOINT with #16 x 600mm DEFORMED TIE BARS & SAWN.
- B) CONSTRUCTION JOINT with #16 x 600mm DEFORMED TIE BARS.
- C) CONSTRUCTION JOINT: KEYWAY ONLY.
- D) CONSTRUCTION JOINT with KEYWAY & #16 x 600mm DEFORMED TIE BARS.

**CONCRETE PAVEMENT JOINT TYPES:**

- E) CONTRACTION JOINT with SMOOTH DOWEL BARS:
  - 1) 200mm PCCP = 25mm x 450mm.
  - 2) 260mm PCCP = 32mm x 450mm.
- F) CONSTRUCTION JOINT: NON-TIED.
- G) CONSTRUCTION JOINT along curb & gutter with #16 x 900mm EPOXY COATED DEFORMED TIE BARS.

**CONCRETE PAVEMENT JOINT TYPES:**

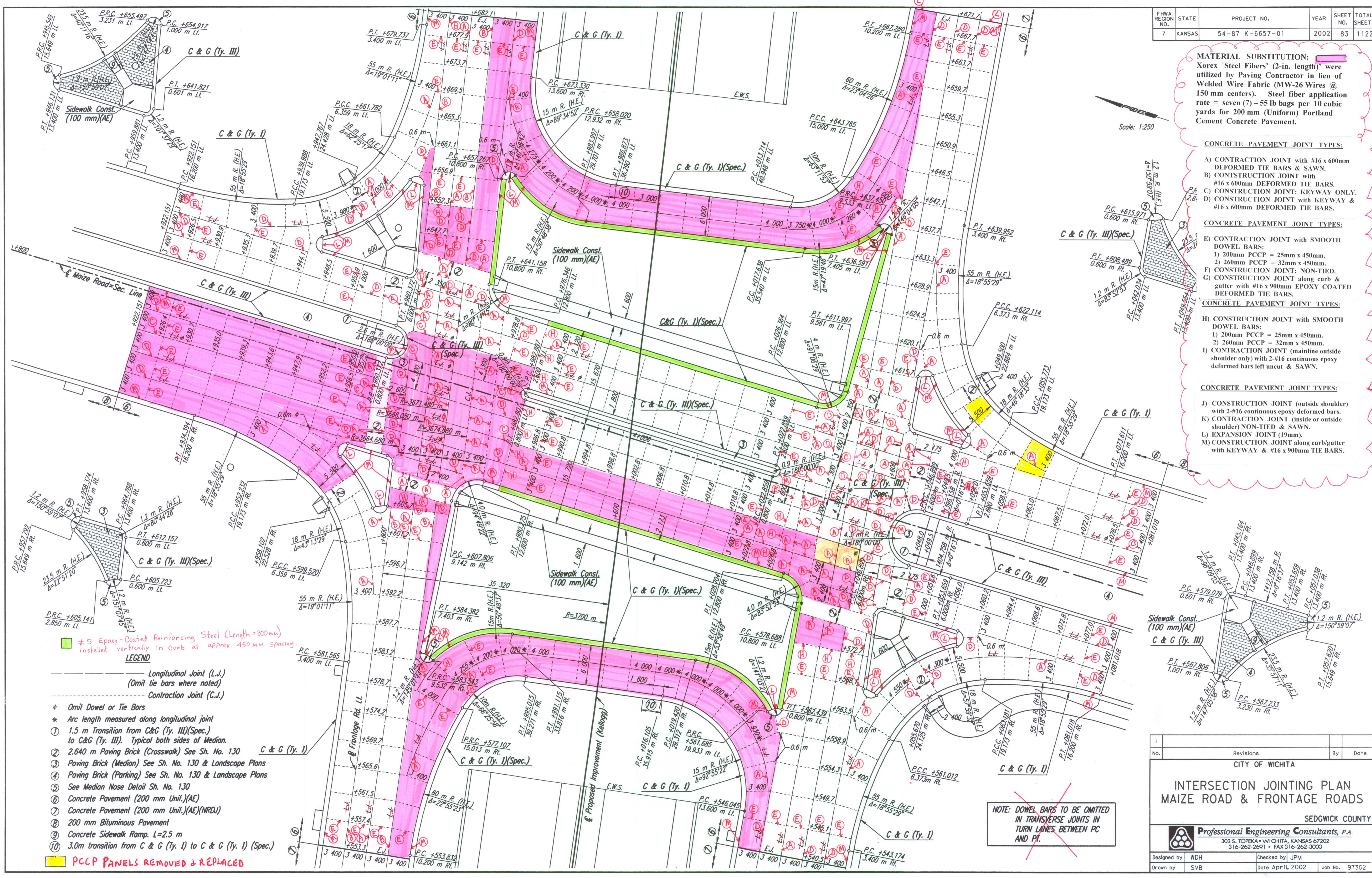
- H) CONSTRUCTION JOINT with SMOOTH DOWEL BARS:
  - 1) 200mm PCCP = 25mm x 450mm.
  - 2) 260mm PCCP = 32mm x 450mm.
- I) CONTRACTION JOINT (mainline outside shoulder only) with 2-#16 continuous epoxy deformed bars left uncured & SAWN.

**CONCRETE PAVEMENT JOINT TYPES:**

- J) CONSTRUCTION JOINT (outside shoulder) with 2-#16 continuous epoxy deformed bars.
- K) CONTRACTION JOINT (inside or outside shoulder) NON-TIED & SAWN.
- L) EXPANSION JOINT (19mm).
- M) CONSTRUCTION JOINT along curb/gutter with KEYWAY & #16 x 900mm TIE BARS.

BY	DATE
REFERENCES NOTED	REFERENCES CHECKED

DSNR: WDH OPER: JGP SCALE: 1:250  
 I:/1997/97362/INTERSECTIONS/MAIZE/12-21-2000 15:07:39 LAST REV: 10-16-01 BY: JGP



■ #5 Epoxy-Coated Reinforcing Steel (Length=300mm) installed vertically in curb at approx. 450mm spacing.

**LEGEND**

- Longitudinal Joint (L.J.) (Omit tie bars where noted)
- - - - - Contraction Joint (C.J.)

- ⊕ Omit Dowel or Tie Bars
- \* Arc length measured along longitudinal joint
- ① 1.5 m Transition from C&G (Ty. III)(Spec.) to C&G (Ty. III). Typical both sides of Median.
- ② 2.640 m Paving Brick (Crosswalk) See Sh. No. 130
- ③ Paving Brick (Median) See Sh. No. 130 & Landscape Plans
- ④ Paving Brick (Parking) See Sh. No. 130 & Landscape Plans
- ⑤ See Median Nose Detail Sh. No. 130
- ⑥ Concrete Pavement (200 mm Unit)(AE)
- ⑦ Concrete Pavement (200 mm Unit)(AE)(NRDJ)
- ⑧ 200 mm Bituminous Pavement
- ⑨ Concrete Sidewalk Ramp. L=2.5 m
- ⑩ 3.0m transition from C & G (Ty. I) to C & G (Ty. I) (Spec.)

■ PCCP PANELS REMOVED & REPLACED

No.	Revisions	By	Date

CITY OF WICHITA  
**INTERSECTION JOINTING PLAN**  
**MAIZE ROAD & FRONTAGE ROADS**  
 SEDGWICK COUNTY

**Professional Engineering Consultants, P.A.**  
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Designed by	WDH	Checked by	JPM
Drawn by	SVB	Date	April 11, 2002
		Job No.	97362