

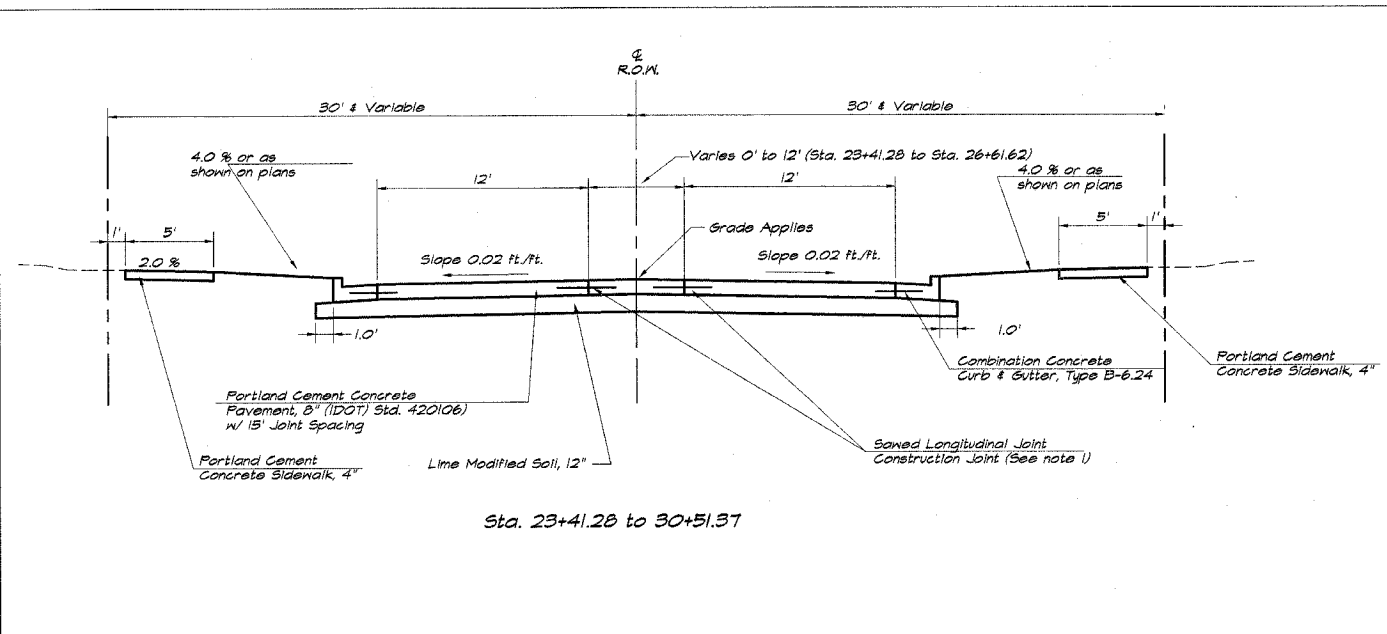
ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
WOESTER-COMMERCE PL.	04-00006-00-RP	FORSYTH	21	4
FED. ROAD DIST. NO.		ILLINOIS	PROJECT NCPD-0115 (05.3)	

REVISIONS	NO.	BY	DATE

**BARNBRIDGE & ASSOCIATES, INC.**  
 Consulting Engineers  
**GFB MILANSKI**  
 1670 SOUTH TAYLORVILLE ROAD  
 DECATUR, ILLINOIS 62526  
 Illinois License 164-000226

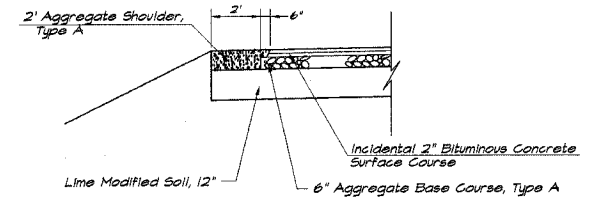
DESIGNED	SCALE	DATE	JOB NO.
M/RP	NONE	Oct. 2004	01-037A
DRAWN	FIELD BOOK	NO.	
Les Jenkna	146		

**VILLAGE OF FORSYTH, ILLINOIS**  
 COMMERCE PLACE EXTENSION  
 TYPICAL SECTIONS

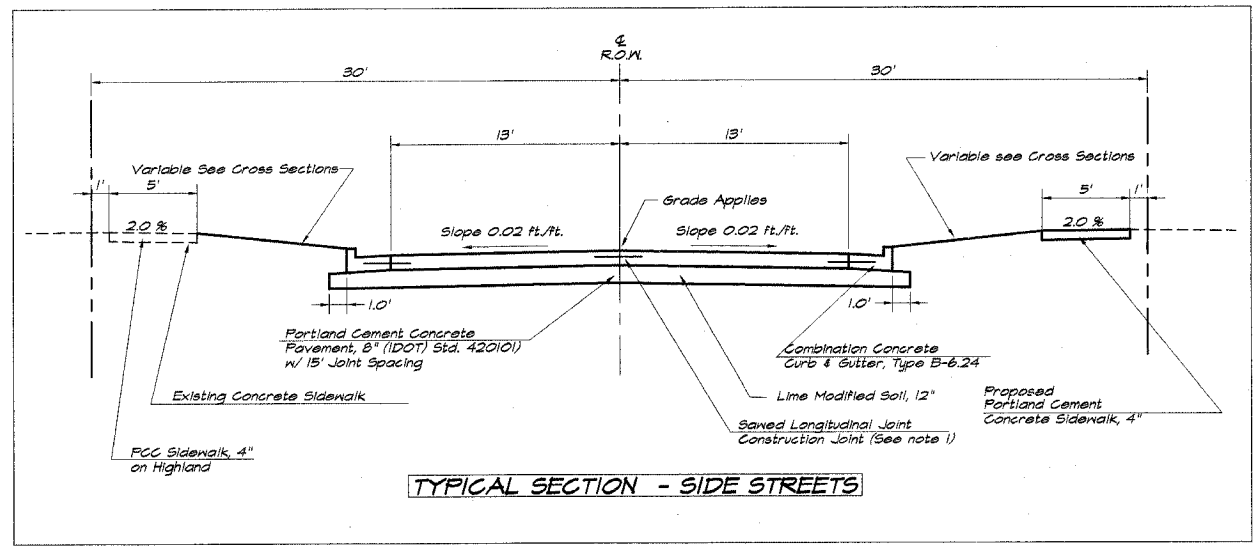


**NOTES**

- The Sawn Longitudinal Joint or Grouted-in-Place Tie Bar Joint shall be in accordance with Standard 420001-06.
- Combination Concrete Curb & Gutter, Type B-6.24 shall conform to Standard 606001-02.
- Sawn Contraction Joints shall conform to Standard 420001-06. The layout of the joints shall conform to Standard 420 101 except as modified on the Detail Sheet. The dowel bar for the Sawn Contraction Joint shall be 1 1/2 inches in diameter.
- See Standard 420 101 for the Detail of Traverse Construction Joint.
- The nominal thickness of Aggregate Base Course and Bituminous Courses are shown on the Plans, Typical Sections or Details. The Constructed (compacted) thickness of the above items shall not be less than 90 percent of the nominal thickness at any location.
- All sawed joints shall be sealed with a hot-poured joint sealer meeting the requirements of Art 1030.02 of the Standard Specifications.



**TYPICAL SECTION SIDE STREET TRANSITION**



**TYPICAL SECTION - SIDE STREETS**

**STRUCTURAL DESIGN INFORMATION**

Structural Design Traffic Year : 2014 (4160 ADT)  
 PV = 4617 SU = 45 MU = 48  
 Street Classification : Class II

Percent of Structural Design Traffic in Design Lane  
 P = 50% S = 50% M = 50%  
 Traffic Factor : TF = 0.34 (Rigid)

Minimum Soil Support:  
 IBR = 2.0 (Assumed)

Pavement Structural Materials:  
 P.C.C. Pavement, 8"

Bituminous Mixture Requirements:

Mixture Uses	AC/PS	RAP %	Design Air Voids	Mixture Composition	Friction Aggregate
Incidental Bitum. Surfacing	PS-64-22	15	4.0 @ 50 gyration	IL 4.5	Mix C
Bituminous Base Course Super, 5"	PS-64-22	25	4.0 @ 50	LI 19.0	N/A