

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7356	06-0007-00-RP	FORSYTH	25	4
FED. ROAD DIST. NO.	ILLINOIS		PROJECT M-5169 (041)	

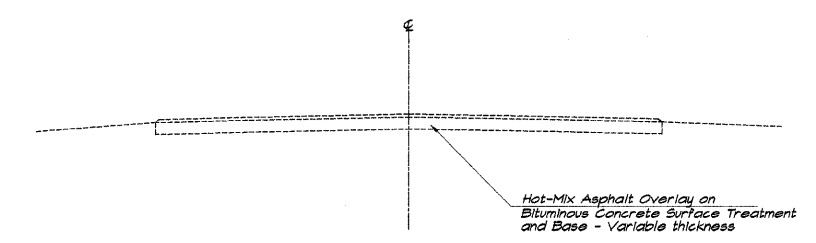
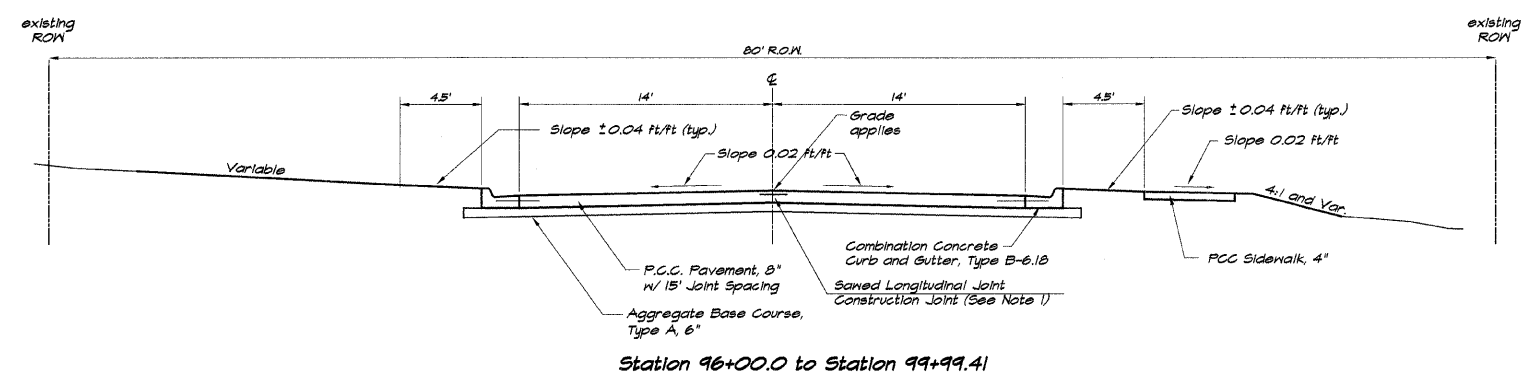
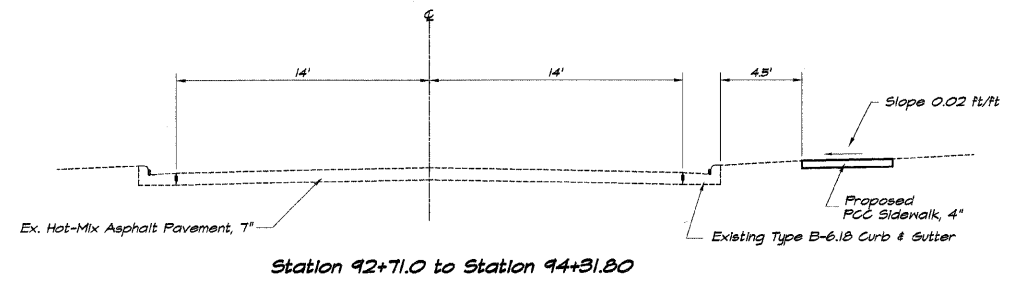
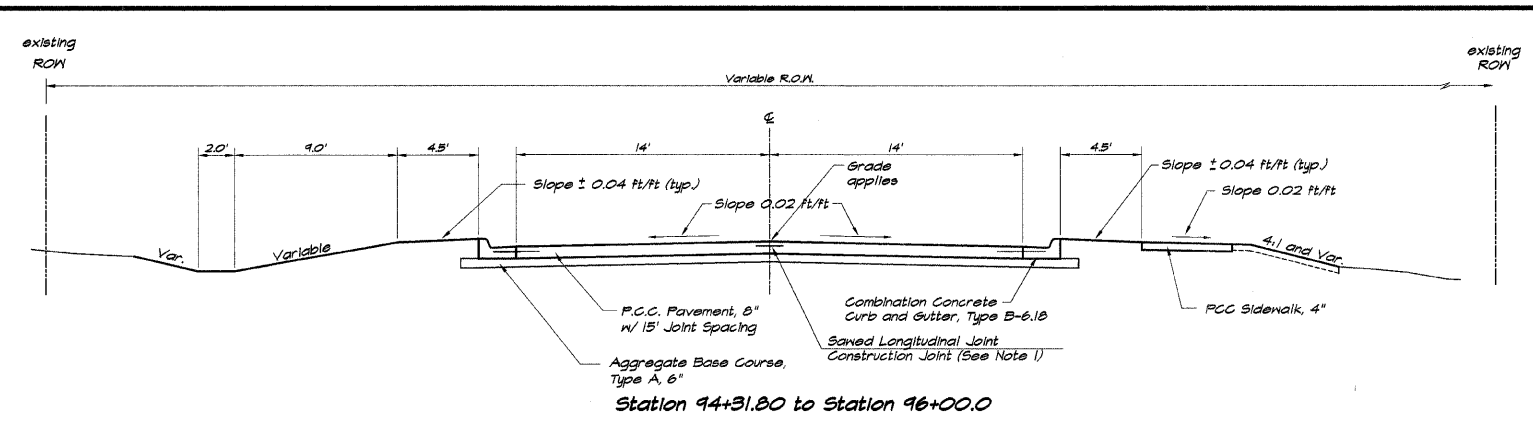
**CONTRACT NUMBER 95564**

REVISIONS	
NO.	DATE

**BRIDGES & ASSOCIATES, INC.**  
 Consulting Engineers  
 1670 SOUTH TAYLORVILLE ROAD  
 DECATUR, ILLINOIS 62526  
 Phone: 618-282-1234

DESIGNED	MHP	SCALE	1" = 5'
DRAWN	LES	DATE	Oct. 2007
FIELD BOOK	000	JOB NO.	07-078

**VILLAGE OF FORSYTH, ILLINOIS**  
 HICKORY POINT DRIVE IMPROVEMENTS  
 TYPICAL SECTIONS



**TYPICAL SECTIONS - EXISTING HICKORY POINT DRIVE**

**STRUCTURAL DESIGN INFORMATION**  
 Structural Design Traffic Year : 2018 (3450 ADT)  
 PV = 5240 SU = 175 MU = 40  
 Street Classification : Class II

Percent of Structural Design Traffic in Design Lane  
 F = 50% S = 50% M = 50%  
 Traffic Factor : TF = 0.441 (Rigid)

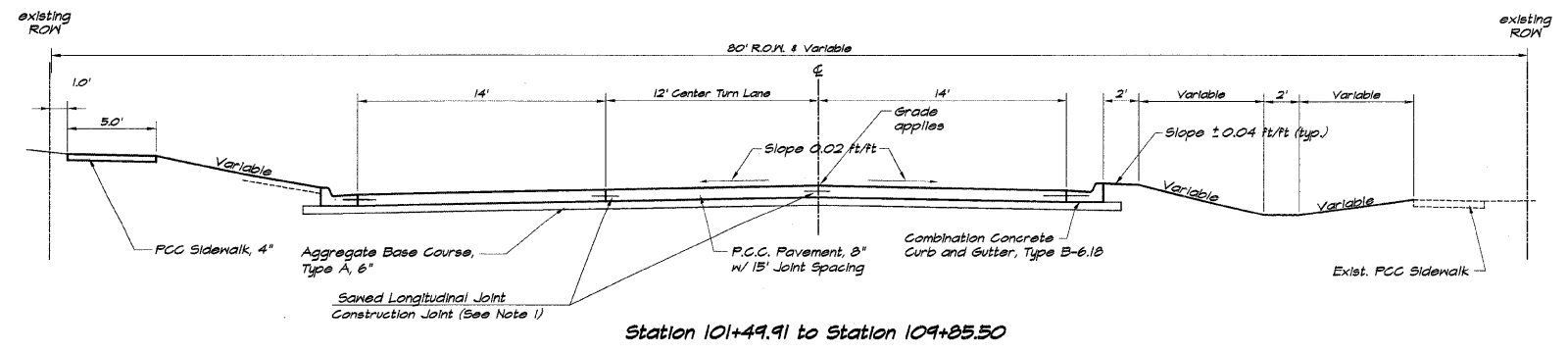
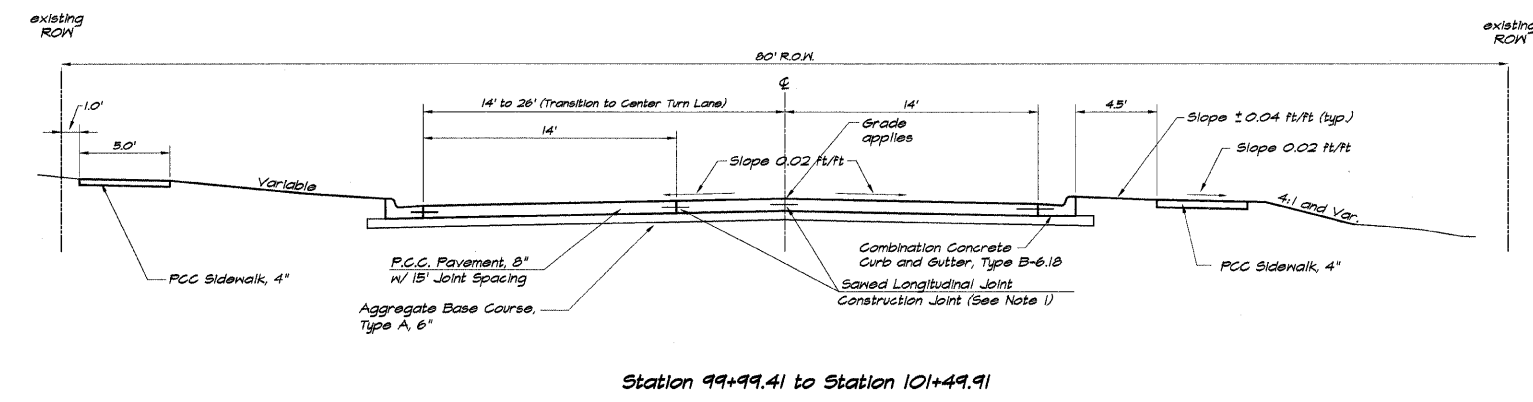
Minimum Soil Support:  
 IBS = 2.0 (Assumed)

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

Hot-Mix Asphalt Requirements:

Mixture Uses	AC/PS	RAP %	Design Air Voids	Mixture Composition	Friction Aggregate
Hot-Mix Asphalt Surfacing	PS-64-22	15	4.0 @ 50 gyration	IL 4.5	Mix C

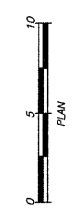
NOTE: 112# /sq/ft. used for calculation of Incidental Bituminous Surface Quantity.



**TYPICAL SECTIONS - HICKORY POINT DRIVE**

**NOTES**

- Saved Construction Joints shall conform to Standard 420001. The layout of the joints shall conform to Standard 420 101 except as modified on the Detail Sheet. The dowel bar for the Saved Construction 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 Hot-Mix Asphalt 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 saved joints shall be sealed with a hot-poured joint sealer meeting the requirements of Art 1050.02 of the Standard Specifications.



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