Setting of Section Corner Monumentation

All section corner location on this project shall be located and verified by a licensed Land Surveyor prior to any removal work being performed. The Land Surveyor shall locate the existing section corners through courthouse research, personal knowledge or through the assistance of local firms performing Land Surveying in the area. If the section corner does not exist through either its physical location or through ties in the field it shall not be reset, there shall be no calculating of section corners onto a project required.

Once the paving and striping operations have been performed the section corner shall be reset at the direction of a licensed Land Surveyor. If any dimensions have been changed, it shall be the responsibility of the surveyor to file a new monument record in the appropriate courthouse.

A copy of all drawings or monument records produced from this project shall be sent to the Chief of Surveys, Illinois Department of Transportation, Region Three/District Four, Peoria, Illinois.

The supplying, drilling, setting of disks, professional services, labor and any other additional work required to perform this work shall be paid for under pay item for Permanent Survey Markers, Type 1.

Refer to District Four CADD Standard 667101 for details.

Traffic Control

1. Traffic Control shall be in accordance with standard 701321 except where modified on this plan sheet.
2. Three phase signal operation is required for all locations. The Engineer of Traffic shall approve all timing parameters. The contractor shall contact Paul Grant, District 4 Traffic Signal Technician, at (309) 671-4474, forty-eight hours prior to signal turn on.
3. The contractor shall install either detector loops or microwave detectors for use with the temporary traffic signals in accordance with highway standard 701321.
4. The advanced detector loops for both mainline approaches shall be located 100 ft. from the stop bar.
5. All detector loops shall have six turns.
6. All traffic signal sections shall have 12" diameter led lenses.
7. The temporary traffic signal heads shall be placed at the locations indicated on the plan sheets or directed by the engineer.
8. The temporary traffic signal installation shall conform to all MUTCD requirements.
9. The contractor shall furnish and install one solar powered yellow flashing beacons for each approach of IL 9. The beacons shall be mounted on the signal ahead signs which are to be located 500 ft. in advance of the bridge traffic signals. The flashing beacons shall conform to the specifications contained in the special provisions and the contractor shall submit catalog cut sheets for the beacons to the department for approval. After removal of the temporary bridge traffic signals, the contractor shall deliver the flashers to the department.
10. All labor, equipment, and materials required to comply with these requirements and plan sheet details shall be included in the contract bid price for the temporary bridge signal installation. There will be no additional compensation.

Bituminous Mixture Requirements

The following mixture requirements are applicable to this project:

Mixture Use(s):	Surface Course	Level Binder 3/4"	Cl D Patches, HMA Widening, Temporary Widening	HMA Shoulder (Surface Lift)	HMA Shoulder (Lower Lifts)	Incidental Surface Course
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	10%	25%	30%	30%	15%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=30	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5L	IL 19.0L	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D (Dolomite Only)	N.A.	N.A.	Mixture C	N.A.	Mixture C

** If the RAP option is selected, the asphalt cement grade may need to be adjusted, the adjustment to be determined by the Materials Engineer.

Note: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.