

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	-	VERMILION	298	3
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		* 36(W,R5-1) & 34Z-2(W,R5) CONTRACT *90939		

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.04
THE METRIC DIMENSIONS AND SPECIFICATIONS GIVEN HEREIN ARE INTENDED TO MEET METRIC DESIGN CRITERIA. HOWEVER, THE EXISTING FACILITIES WERE CONSTRUCTED USING ENGLISH DIMENSIONS. WHERE THE METRIC DIMENSIONS DIFFER FROM THE PHYSICAL DIMENSIONS OF EXISTING FEATURES TO REMAIN IN PLACE, THE EXISTING DIMENSIONS SHALL CONTROL. (FOR EXAMPLE, PAVEMENT WIDTH FOR RESURFACING,) THE EXISTING DIMENSIONS HAVE BEEN ACCOUNTED FOR IN THE PLAN QUANTITIES.

G.N.-105.07
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.
ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-105.09
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON U.S.G.S MEAN SEA LEVEL DATUM

G.N.-107.37A (SPECIAL)
UTILITY LINES PLOTTED FOR THIS PROJECT WERE LOCATED BY SUBSURFACE UTILITY ENGINEERING (SUE) METHODS AND ESTABLISH HIGH ACCURACY HORIZONTAL DIMENSIONS (QUALITY LEVEL B). HIGHER ACCURACY HORIZONTAL AND VERTICAL INFORMATION (QUALITY LEVEL A) MAY ALSO BE INCLUDED IN THE CONTRACT DOCUMENTS.
UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.
SEE SPECIAL PROVISIONS FOR UTILITY CONTACT AND CONFLICT INFORMATION.

G.N.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-202 (SPECIAL)
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC METER FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-205
BENCHING PROCEDURES SHALL BE USED IN AREAS WHERE EXISTING EMBANKMENTS ARE WIDENED FOR THE PROPOSED PAVEMENT. STEPS SHALL BE CUT INTO THE EXISTING EMBANKMENT SLOPES AND SHALL HAVE THE FOLLOWING DIMENSIONS:
HORIZONTAL: 4
VERTICAL: 1

G.N.-208 (SPECIAL)
ALL TRENCHES BELOW OR WITHIN 600 MM (TWO FEET) OF THE PROPOSED PAVEMENT, DRIVEWAY PAVEMENT, SIDEWALK, OR CURB AND GUTTER SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORANCE WITH THE STANDARD SPECIFICATIONS AND CONTRACT SPECIAL PROVISIONS

G.N.-353 (SPECIAL)
THE SHADED AREAS OF P.C. CONCRETE BASE COURSE CONSTRUCTED ADJACENT TO COMBINATION CONCRETE CURB AND GUTTER AS SHOWN IN THE PLANS SHALL BE POURED MONOLITHIC WITH THE COMBINATION CONCRETE CURB AND GUTTER. THIS WORK WILL BE MEASURED AND INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER FOR PORTLAND CEMENT CONCRETE BASE COURSE OF THE THICKNESS SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Locations	Sta 93+951.4	Sta 93+951.4	Sta 93+951.4	Sta 93+951.4	Sidestreets
	To	To	To	To	
	Sta 95+484.9	Sta 95+484.9	Sta 95+484.9	Sta 95+484.9	
Mixture Use(s):	FG Binder Course	Surface Course	Class D Patches	FG Level Binder	Incidental Surfacing
		Top 38mm of HMA Shoulders	Bottom 112mm of HMA Shoulders		
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22	SBS PG 70-22	PG 64-22
Design Air Voids:	4.0%@Ndes=90	4.0%@Ndes=90	4.0%@Ndes=90	4.0%@Ndes=90	4.0%@Ndes=90
Mixture Composition: (Gradation Mixture)	IL-19.0 F.G.	IL-9.5	IL-19.0	IL-9.5 F.G.	IL-9.5
Friction Aggregate:	N.A.	MIX D	N.A.	MIX C	MIX D

G.N.-406 QCP
THE PAYMENT FOR THE MIXTURES INCLUDED IN THE HOT MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE SPECIAL PROVISION WILL BE BASED ON THE CALCULATIONS AS DEFINED IN THE MANUAL OF TEST PROCEDURES FOR MATERIALS. APPENDIX E6, QCP PAY CALCULATION, EFFECTIVE 1-1-2012.

G.N.-406.05b (SPECIAL)
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LITER FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-542.07
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.-550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

GENERAL NOTES

8/17/2012