

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	PIATT	53	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 08-00115-01-RS				
** FAS 535				

**GENERAL NOTES**

- ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1/2".
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- BEFORE ORDERING CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INCLUDED IN THE SPECIAL PROVISIONS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:  

GRANULAR MATERIALS	2.05 TON/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.10 GAL/SQ YD (ON AGG/EX PVMT)
BITUMINOUS MATERIALS PRIME COAT	0.02 GAL/SQ YD (ON BINDER)
AGGREGATE PRIME COAT	0.002 TONS/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
SHORT TERM PAVEMENT MARKING	10 FT/100 FT OF APPLICATION
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 2A (SPECIAL) AND SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- EXCELSIOR BLANKET SHALL BE USED AT ALL EROSION CONTROL BLANKET LOCATIONS.
- AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c).
- ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2009 UNLESS NOTED IN THE DRAWINGS OR SPECIAL PROVISIONS.
- ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON U.S.G.S. NAVD 88 VERTICAL DATUM.
- UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. THESE 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. THE FOLLOWING UTILITY OWNERS MARKED WITH AN 'X' BELONG TO J.U.L.I.E. :  
  - VERIZON NORTH
  - AMEREN IP
  - MCLEOD USA




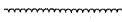


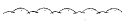


**GENERAL NOTES (CONT.)**

- 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/RIGHT-OF-WAY 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 YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- INCIDENTAL HOT-MIX ASPHALT SURFACING PLACED ON SIDEROADS OR SIDESTREETS SHALL BE OF THE SAME FRICTION AGGREGATE, AND DESIGN NUMBER OF GRADATIONS AS USED FOR THE MAINLINE.
- 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 HMA MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT. CONVERSION FACTOR IS 1 INCH THICKNESS = 112 POUNDS/SQUARE YARD.
- QUANTITIES FOR ADDRESSING FIELD TILE HAVE BEEN INCLUDED IN THE PLANS AND SHALL BE USED AS DIRECTED BY THE ENGINEER. SOME OR ALL OF THESE QUANTITIES MAY BE DELETED FROM THE CONTRACT.
- TEMPORARY EROSION CONTROL**  

THE QUANTITIES ARE ESTIMATES ONLY. ACTUAL QUANTITIES FOR TEMPORARY EROSION CONTROL WILL BE DETERMINED BY THE ENGINEER IN THE FIELD, AND THERE WILL BE NO ADJUSTMENT IN UNIT PRICE DUE TO A CHANGE IN PLAN QUANTITY.

PERIMETER EROSION BARRIER = 665 FOOT  
 TEMPORARY EROSION CONTROL SEEDING = 400 POUND  
 TEMPORARY DITCH CHECKS = 9 EACH  
 INLET AND PIPE PROTECTION = 19 EACH
- TEMPORARY RAMPS SHALL BE PROVIDED WHERE DIRECTED BY THE ENGINEER. TEMPORARY RAMP WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF HOT-MIX ASPHALT LEVELING BINDER AND SURFACE COURSES.
- NEITHER CRUSHED CONCRETE NOR MILLED ASPHALT SHALL BE USED FOR AGGREGATE SHOULDERS.
- PIPE CULVERTS MAY NOT BE INSTALLED PRIOR TO CUTTING, GRADING, AND SHAPING DITCHES TO THE SLOPES AND ELEVATIONS NOTED IN THE PLANS, EXCEPT AT STA. 44+98.
- THE CONTRACTOR SHALL USE GRADE STAKES FOR ALL EARTHWORK LOCATIONS TO BE CHECKED BY THE COUNTY. THE COST SHALL BE INCLUDED IN EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION IS ALLOWED.
- | LOCATION              | FAS 535        | FAS 535                   | FAS 535              |
|-----------------------|----------------|---------------------------|----------------------|
| MIXTURE USE           | LEVEL BINDER   | SURFACE, INCID. HMA SURF. | BASE COURSE WIDENING |
| AC/PG                 | PG 64-22       | PG 64-22                  | PG 64-22             |
| RAP % (MAX.)          | 25%            | 15%                       | 25%                  |
| DESIGN AIR Voids      | 4.0% @ Ndes=50 | 4.0% @ Ndes=50            | 4.0% @ Ndes=50       |
| MIX COMP. (GRADATION) | IL 9.5         | IL 9.5                    | IL 19.0              |
| FRICTION AGGREGATE    | MIX C          | MIX C                     | NA                   |
- THE GRADING AND SHAPING DITCHES PAY ITEM IS TO BE USED TO SLOPE THE DITCHES TO DRAIN AT THE LOCATIONS SHOWN IN THE PLANS. WHEN EARTHWORK IS REQUIRED TO FLATTEN SIDESLOPES OR TO CONSTRUCT DITCHES TO SPECIFIC ELEVATIONS AS SHOWN ON THE CROSS SECTION SHEETS, THIS WORK WILL BE PAID FOR AS EARTH EXCAVATION.
- THE COST OF PRECAST REINFORCED CONCRETE FLAT SLAB TOPS ARE INCLUDED IN INLETS.

**LEGEND**

-  HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
-  RELOCATED MAILBOX
-  EXISTING MAILBOX
-  VEGETATION LINE
-  EXISTING ROW
-  PROPOSED ROW
-  TILLAGE LIMITS
-  AGGREGATE SURFACE COURSE, TYPE B
-  INCIDENTAL HMA SURFACING

- THE CLASS D PIPE CULVERTS LOCATED FROM STA 16+00 TO STA 20+00 LT, FROM STA 16+00 TO STA 21+70 RT, AND FROM STA 73+50 TO 77+50 LT SHALL BE CAPABLE OF PROVIDING A MINIMUM SERVICE LIFE OF 75 YEARS. COST INCLUDED IN PIPE CULVERTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE PIPE UNDERDRAINS USED NEAR STA 26+00 RT SHALL BE PERFORATED PIPE WITH A FILTER FABRIC SOCK AND SHALL BE INSTALLED WITH SAND BEDDING AND BACKFILL. COST INCLUDED IN PIPE UNDERDRAINS.

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/09
DRAWN BY:	cj/HAS	01/09
CHECKED BY:	ELH	04/09
APPROVED BY:	RDP	04/09

GENERAL NOTES AND LEGEND  
 FAS 535 (SHADY REST ROAD)  
 SECTION 08-00115-01-RS  
 PIATT COUNTY