

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	PIATT	62	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 08-00255-00-BR
 ** FAS 535

STANDARDS (BEING UTILIZED)

NUMBER	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATE FOR BRIDGES
542401-01	METAL END SECTION FOR PIPE CULVERTS
542406-01	METAL END SECTION FOR PIPE ARCHES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602306-02	INLET - TYPE B
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS TYPE 1
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631032-05	TRAFFIC BARRIER TERMINAL, TYPE 6A
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, TO 24" (600mm) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

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.
- 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 PLANS.
- 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 EX PVMT)
BITUMINOUS MATERIALS (PRIME COAT)	0.02 GAL/SQ YD (ON BINDER)
BITUMINOUS MATERIALS (PRIME COAT)	0.40 GAL/SQ YD (ON AGG)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
LIME	60 POUNDS/SQ YD
- 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.
- THE FINAL TOP 4" OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. 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, 2010 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 "*" BELONG TO J.U.L.I.E. :
 - VERTIZON 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.

16. 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 = 2450 FOOT
 TEMPORARY EROSION CONTROL SEEDING = 450 POUND
 TEMPORARY DITCH CHECKS = 6 EACH
 INLET AND PIPE PROTECTION = 4 EACH

- NEITHER CRUSHED CONCRETE NOR MILLED ASPHALT SHALL BE USED FOR AGGREGATE SHOULDERS.





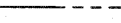
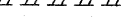




- THE CONTRACTOR SHALL USE GRADE STAKES FOR ALL EARTHWORK LOCATIONS TO BE CHECKED BY THE COUNTY. THE COST SHALL BE INCLUDED IN EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION IS ALLOWED.

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LOCATION	FAS 535	FAS 535
MIXTURE USE	SURFACE, INCID. HMA SURF.	BINDER COURSE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX.)	15%	25%
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP. (GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX C	NA

- THE COST OF PRECAST REINFORCED CONCRETE FLAT SLAB TOPS ARE INCLUDED IN INLETS.
- PRIOR TO CONSTRUCTING THE PROPOSED EMBANKMENT SIDE SLOPES, THE CONTRACTOR SHALL EXCAVATE BENCHES INTO THE SIDE SLOPES OF THE EXISTING EMBANKMENT AT THE LOCATIONS SHOWN IN THE PLANS. ONE BENCH SHALL BE CONSTRUCTED FOR EACH THREE FOOT CHANGE IN ELEVATION.

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
-  EXISTING MAILBOX
-  VEGETATION LINE
-  EXISTING RIGHT OF WAY
-  PROPOSED RIGHT OF WAY
-  PROPOSED TEMPORARY CONSTRUCTION EASEMENT
-  AGGREGATE SURFACE COURSE, TYPE B
-  INCIDENTAL HMA SURFACING
-  PAVEMENT REMOVAL
-  AGGREGATE SHOULDERS, TYPE B

ESCA
 CONSULTANTS, INC.

DESIGNED BY:	ELH	01/10
DRAWN BY:	HAS	01/10
CHECKED BY:	ELH	05/10
APPROVED BY:	RDP	05/10

GENERAL NOTES, STANDARDS, AND LEGEND
 FAS 535 (SHADY REST ROAD)
 SECTION 08-00255-00-BR
 PIATT COUNTY