

FAP SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
857	101BR-6	WHITE	100	2
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT NO.	

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## STANDARDS IN THE PLANS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 100

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
420401-05	BRIDGE APPROACH PAVEMENT
503001-02	CONCRETE PARAPET SLIP-FORMING OPTION
515001-02	NAME PLATE FOR BRIDGES
542401	METAL END SECTION FOR PIPE CULVERTS
609001-02	BRIDGE APPROACH SHOULDER PAVEMENT AND DRAIN
609006-03	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-0	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631026-0	TRAFFIC BARRIER TERMINAL, TYPE 5 & 5A
631031-0	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-03	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS >= 45 MPH
701331-02	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

## GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF REPLACING THE EXISTING STRUCTURE WITH A NEW BRIDGE ON INTERGAL ABUTMENTS. THIS WORK INCLUDES THE REMOVAL OF THE EXISTING BRIDGE, CONSTRUCTION OF BRIDGE APPROACH PAVEMENTS, GUARDRAIL, AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE CONTRACTOR IS ADVISED THAT NO LOADS SHOULD BE PLACED ON BEAM 11 OF SPAN 1. ALSO, BEAM 7 OF SPAN 2 HAS BEEN RATED AT 15 TONS. THIS INFORMATION IS BASED OFF INFORMATION FROM THE SPRING 2006 BRIDGE INSPECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS:

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 549 FEET OF YELLOW AND 4,390 FEET OF WHITE.

TEMPORARY PAVEMENT MARKING SHALL BE PAINT 4". THE TOTAL QUANTITY CONSISTS OF 525 FEET OF YELLOW AND 4,197 FEET OF WHITE.

TREE REMOVAL, ACRES SHALL INCLUDE THE REMOVAL OF ALL TREES, BRUSH, AND EXISTING FENCE INSIDE THE PROPOSED R.O.W. AREA.

ALL PLANTING MATERIALS SHALL BE SUPPLIED FROM A NURSERY SPECIALIZING IN MATERIAL FOR HABITAT RESTORATION. THE 3 GALLON CONTAINER GROWN TREES SHALL BE A MINIMUM OF 4 FEET IN HEIGHT. THE TREES WILL BE PLANTED ON A GRID SYSTEM OF 25' CENTERS TO AID IN THE MOWING AND MONITORING OF THE PLANT MATERIAL. THE RESIDENT ENGINEER IN COORDINATION WITH THE DISTRICT ENVIRONMENTAL TECHNICIAN, EUGENE BECCUE WILL STAKE LOCATION OF THE TREE PLANTINGS. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF LATHES TWO WEEKS PRIOR TO THE SCHEDULED TREE PLANTING.

THE CONTRACTOR SHALL PROVIDE AN ENGINEERS FIELD OFFICE TYPE A IN ACCORDANCE WITH ARTICLE 670.02 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE AN ENGINEERS FIELD LABORATORY IN ACCORDANCE WITH ARTICLE 670.05 OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING HOT MIX ASPHALT BINDER COURSE, IL19.0, N90 REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	BINDER COURSE (ALL LIFTS)
AC/PG:	PG64-22
RAP%: (MAX)	10%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90 GYRATION SUPERPAVE
MIXTURE COMPOSITION:	IL-19.0
(GRADATION MIXTURE)	
FRICTION AGGREGATE:	N/A

THE FOLLOWING BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N90 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE & INCIDENTAL HOT MIX ASPHALT SURFACING
AC/PG:	PG64-22
RAP%: (MAX)	10%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90 GYRATION SUPERPAVE
MIXTURE COMPOSITION:	IL-9.5 OR IL-12.5
(GRADATION MIXTURE)	
FRICTION AGGREGATE:	C SURFACE

ANY SECTION CORNERS DISTURBED DURING CONSTRUCTION SHALL BE REESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. A LIST OF SECTION CORNERS WITHIN THE PROJECT LIMITS IS CONTAINED IN THE SCHEDULE OF QUANTITIES.

ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEED. SEEDING SHALL BE CLASS 2, 4B AND 4B (MODIFIED), AS SHOWN IN THE PLANS IN ACCORDANCE WITH THE SPECIFIC PROVISIONS AND THE APPLICABLE ARTICLES OF SECTION 642 OF THE STANDARD SPECIFICATIONS.

## GENERAL NOTES (Cont'd)

TREES SHALL BE PRESERVED THOUGHOUT THIS SECTION AS DIRECTED BY THE ENGINEER.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF ACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J. U. L. I. E. SYSTEM BY CALLING 800-892-0123. THE UTILITY CONTACTS ARE AS FOLLOWS:

TELEPHONE: STAN RAWLINSON  
CROSSVILLE COMMUNICATIONS  
302 W. MAIN ST.  
PO BOX 209  
CROSSVILLE, IL 62827  
(618) 966-2196

WATER: CHUCK CONNOR  
VILLAGE OF CROSSVILLE  
PO BOX 209  
CROSSVILLE, IL 62827  
(618) 966-2237

ELECTRICAL: ERIN HALLEY  
WAYNE-WHITE COUNTIES ELECTRIC COOP  
PO DRAWER E  
FAIRFIELD, IL 62837  
(618) 842 2196

AN ABANDONED WATERLINE IS LOCATED FROM STA. 166+50 TO STA. 179+50. THIS ABANDONED WATERLINE MAY BE IN CONFLICT WITH THE CONSTRUCTION OF EMBANKMENT AND THE A.R. BOX CULVERT AT STA. 175+78. THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL OF THIS WATERLINE IN THE AREAS OF CONFLICT AND THE COST FOR THE REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION. WHEN EARTH EXCAVATION OPERATIONS BEGIN IN THIS AREA CHUCK CONNOR OF THE VILLAGE OF CROSSVILLE SHOULD BE NOTIFIED.

AN ESTIMATED QUANTITY OF AGGREGATE HAS BEEN INCLUDED FOR THE MAINTENANCE OF THE PRIVATE ENTRANCE AT RT STA. 167+25 AND THE FIELD ENTRANCE AT LT. STA. 180+00.

THE PAVEMENT SHALL BE CLEANED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS PRIOR TO THE PLACING OF THE BITUMINOUS OVERLAYS. AREAS TO BE PREPARED SHALL BE DETERMINED BY THE ENGINEER AND WILL INCLUDE:

1. BROKEN OR DELAMINATED CONCRETE
2. PATCHES OF TAR OR COLD MIX
3. EXISTING UNSTABLE PATCHES
4. DETERIORATED AREAS BEYOND EXISTING PATCHES
5. CENTERLINE JOINT

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE	2.05 TONS/CU. YD.
AGGREGATE SHOULDERS	2.05 TONS/CU. YD.
AGGREGATE (PRIME COAT)	4 LBS./SQ. YD.
BITUMINOUS CONCRETE	112 LBS./SQ. YD./INCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS  
STANDARDS IN THE PLANS  
&  
GENERAL NOTES**

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY