

INDEX OF SHEETS

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GENERAL NOTES

- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL DIMENSIONS ARE IN FEET (FT) EXCEPT AS NOTED.
- ALL ELEVATIONS REFER TO MEAN SEA LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED 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 CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SEEDING SHALL BE PLACED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. NUTRIENTS AND MULCH, IF REQUIRED, SHALL BE APPLIED TO ALL SEEDING AREAS. THE SEEDING SHALL BE DONE ACCORDING TO ARTICLE 250 AND 251 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING CONSTRUCTION. REPLACEMENT OF PAVEMENT DAMAGED BY THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- EROSION CONTROL SHALL BE PLACED AROUND INLETS, END SECTIONS AND HEADWALLS IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- ALL SAW CUTTING OF EXISTING PAVEMENT NOT RELATED TO PAVEMENT PATCHING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS ITEMS OF WORK INVOLVED. THE MINIMUM CUT DEPTH INTO THE PAVEMENT SHALL BE 1.5 INCHES UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- ACCESS TO PRIVATE AND COMMERCIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY DRIVEWAYS, IF NECESSARY, SHALL BE CONSTRUCTED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE). THE AGGREGATE USED SHALL BE OF THE SAME TYPE AS THE PERMANENT AGGREGATE SURFACE, AND THE MATERIAL FROM THE TEMPORARY ACCESS MAY BE UTILIZED IN THE PERMANENT ENTRANCE SURFACE AS DIRECTED BY THE ENGINEER.
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT ON MILLED SURFACES AND TAPE ON THE FINAL SURFACE COURSE.
- PIPE UNDERDRAINS FOR STRUCTURES 4" SHALL BE EXTENDED DOWN SLOPE TO THE DITCH. ALL WORK NECESSARY TO ATTACH A PIPE DRAIN TO THE ABUTMENT DRAIN PIPE, TRENCHING IN THE PIPE DRAIN AND ATTACHING THE PIPE DRAIN TO THE CONCRETE HEADWALLS IS INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE DRAINS OF THE DIAMETER SPECIFIED.
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" NEAR THE BRIDGE WILL NEED TO BE REMOVED PRIOR TO THE CONSTRUCTION OF THE APPROACH SLAB. THIS QUANTITY HAS BEEN INCLUDED IN PAVEMENT REMOVAL AND SHALL BE PAID FOR AS SUCH.
- THE FOLLOWING RATES WERE USED IN THE COMPUTATION OF QUANTITIES:

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGRICULTURAL GROUND LIMESTONE	4.0 TONS/ACRE
MULCH, METHOD 1	2.0 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
AGGREGATE SURFACE COURSE, TYPE B	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4.0 LB/SQ YD
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	2.016 TONS/CU YD
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	2.016 TONS/CU YD
HOT-MIX ASPHALT SHOULDERS	2.016 TONS/CU YD

UTILITY INFORMATION

UTILITY NAME	UTILITY TYPE AND UTILITY LOCATION	ANTICIPATED INVOLVEMENT
AMEREN CIPS 1800 FORD AVE EFFINGHAM, IL 62401 (217)347-3135	ELECTRIC PARALLEL TO WEST	RELOCATE POWER POLES DATE UNKNOWN
E-J WATER CORP P.O. BOX 8 DIETERICH, IL 62424 (217)245-5762	WATER PARALLEL TO EAST	NO ANTICIPATED INVOLVEMENT
WABASH TELEPHONE COOP P.O. BOX 299 LOUISVILLE, IL 62858 (618)665-3311	TELEPHONE PARALLEL TO WEST	NO ANTICIPATED INVOLVEMENT

APPLICABLE HIGHWAY STANDARDS

STD. NO.	TITLE
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
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENTS
515001-03	NAME PLATE FOR BRIDGES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKERS AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

MIXTURE COMPOSITION TABLE:	
MIXTURE USE:	SURFACE
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
AIR VOIDS / Ndes:	4.0% @ Ndes 50
PG BINDER GRADE:	64-22
MIXTURE COMPOSITION:	IL 9.5
FRICITION AGGREGATE:	MIXTURE C
RAP % (MAX):	15%
MIXTURE USE:	BINDER
APPLICATION:	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
AIR VOIDS / Ndes:	4.0% @ Ndes 70
PG BINDER GRADE:	PG 64-22
MIXTURE COMPOSITION:	IL 19.0
RAP % (MAX):	25%
MIXTURE USE:	SHOULDERS
APPLICATION:	HOT-MIX ASPHALT SHOULDERS
AIR VOIDS / Ndes:	2.0% @ Ndes 30
PG BINDER GRADE:	PG 58-22
RAP % (MAX):	30%

FILE NAME =	USER NAME = #USER#	DESIGNED - DJR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND APPLICABLE HIGHWAY STANDARDS	F.A.P. RTE. 328	SECTION 4(BR-1)B	COUNTY CLAY	TOTAL SHEETS 42	SHEET NO. 2		
#FILE#	PLOT SCALE = #SCALE#	DRAWN - KOJ	REVISED -			SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 74310				
	PLOT DATE = #DATE#	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									