

GENERAL NOTES:

1. THE STANDARDS AND REVISIONS NUMBERS LISTED ON THE COVER SHEET SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKINGS OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT ARE, AS FOLLOWS:
 - AMERITECH (COMMUNICATIONS)
 - BI-STATE DEVELOPMENT AGENCY (ELECTRIC)
 - CHARTER COMMUNICATIONS (COMMUNICATIONS)
 - ILLINOIS AMERICAN WATER CO. (WATER)
 - AMEREN I.P. (GAS, ELECTRIC)

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
3. THE THICKNESS OF THE BITUMINOUS MIXTURES SHOWN ON THE PLANS IS A 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 MIXTURE IS PLACED.
4. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT AND AT ALL INTERSECTING SIDE ROADS. COST SHALL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
5. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. ALL VERTICAL DROP-OFFS RESULTING FROM ADJUSTMENTS TO THE PROFILE SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT.
8. FULL DEPTH SAWCUTS WILL BE REQUIRED AT THE EDGE OF PAVEMENT FOR REMOVAL OF THE COMBINATION CURB AND GUTTER AND ALL OTHER REMOVAL ITEMS. THESE SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE REMOVAL PAY ITEMS.
9. SHORT TERM PAVEMENT MARKINGS SHALL BE APPLIED TO THE PRIMED, BINDER COURSE, AND FINAL SURFACE COURSE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - SQ FT). AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS ALSO BEEN ADDED TO THE PLANS.
10. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03.
11. PROPOSED #6 TIE BARS, 24" LONG AT 30" SPACING SHALL BE GROUTED IN PLACE TO ANCHOR THE PROPOSED P.C.C. BASE COURSE TO THE EXISTING BASE COURSE OF THE EXISTING PAVEMENT SHALL BE INCLUDED IN THE P.C.C. BASE COURSE WIDENING PAY ITEM AND SHALL BE DONE IN ACCORDANCE WITH ARTICLE 420.10(b).
12. A QUANTITY OF 1 EACH FOR SURVEY MONUMENT COVER ASSEMBLY HAS BEEN INCLUDED IN THIS PROJECT.
13. A MINIMUM OF 4 INCHES OF SUBBASE GRANULAR MATERIAL, TYPE B IS REQUIRED UNDER ALL REPLACED CONCRETE CURB AND GUTTER. ANY ADDITIONAL EXCAVATION REQUIRED TO PROVIDE 4 INCHES OF THICKNESS IS CONSIDERED TO BE INCLUDED IN THE SUBBASE GRANULAR MATERIAL, TYPE B PAY ITEM.
14. VOID AREAS BELOW THE PROPOSED PAVEMENT STRUCTURE CREATED BY THE REMOVAL OF THE EXISTING BRIDGE APPROACH PAVEMENTS SHALL BE FILLED WITH SUBBASE GRANULAR MATERIAL, TYPE B. A QUANTITY OF 218 TONS HAS BEEN INCLUDED IN THE SUBBASE GRANULAR MATERIAL, TYPE B PAY ITEM FOR THIS PURPOSE.
15. FLAGMEN SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
16. THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
17. DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
18. THE B6.24 AND M6.24 GUTTER FLAG VARIES FROM 2' TO 3' IN THE AREAS OF THE PCC BASE COURSE WIDENING. THE VARIABLE WIDTH WILL BE INCLUDED IN THE B6.24 AND M6.24 CURB AND GUTTER PAY ITEM.
19. SHOULDER RESURFACING WILL BE PAID FOR IN ACCORDANCE WITH PAVEMENT PAY ITEMS AS SHOWN ON PROPOSED TYPICAL SECTIONS. SHOULDER MIXTURE REQUIREMENTS ARE AS SHOWN IN MIXTURE REQUIREMENTS TABLE.

EROSION AND SEDIMENT CONTROL NOTES:

1. PLANS INCLUDE ESTIMATED QUANTITIES FOR TEMPORARY EROSION AND SEDIMENT CONTROL. THESE ARE WORST CASE ESTIMATES. DISTURBANCE OF AREAS BEYOND THE LIMITS OF ACTUAL IMPROVEMENT IS TO BE HELD TO A MINIMUM.
2. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS EXCEPT THAT MULCH AND TEMPORARY SEEDING SHALL BE PAID FOR AS TEMPORARY EROSION CONTROL SEEDING AND NO OTHER PAYMENT WILL BE PERMITTED.
3. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04.
4. CLASS 2 SEEDING AND EROSION CONTROL BLANKET IS TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
6. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
7. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR 'EARTH EXCAVATION' AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
9. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER
AC/PG	SBS PG 70-22	PG 64-22	PG 64-22
RAP % (MAX)	0%	10%	10%
DESIGN AIR Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION			
(GRADATION MIXTURE)			
FRICITION AGG	MIXTURE D	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS	BRIDGE APPROACH PAV. CONNECTOR (FLEX)
AC/PG	PG 58-22	PG 58-22	PG 64-22
RAP % (MAX)	30%	30%	10%
DESIGN AIR Voids	2.0% @ Ndes=30	••2.0% @ Ndes=30	4.0% @ Ndes=90
MIX COMPOSITION			
(GRADATION MIXTURE)			
FRICITION AGG	BAM	BAM	MIXTURE "B"

•• Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	147BR	ST. CLAIR	52	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76393				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES
DRAWN BY:		FAP ROUTE 805 SECTION 147BR ST. CLAIR COUNTY

PLOT DATE: •DATE-TIME•