

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON I-70 (I-70) IN EFFINGHAM AND FAYETTE COUNTIES, FROM ALTAMONT TO TWO MILES WEST OF ST. ELMO. THE WORK INCLUDED IN SECTION (26-5.26-5-1.25-1-1)R CONSISTS OF A DECK REPLACEMENT ON STRUCTURE NUMBER 026-0055, HOT-MIX ASPHALT SURFACE REMOVAL, PCC PAVEMENT RUBBLIZATION, HOT-MIX ASPHALT RESURFACING, INSTALLATION OF UNDERDRAINS, AGGREGATE SHOULDERS, PAVEMENT MARKING, STEEL PLATE BEAM GUARDRAIL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ON STRUCTURE NUMBER 026-0055 PIPE DRAINS ARE INCLUDED TO EXTEND ABUTMENT DRAINS TO TOE OF THE SLOPE. ALL WORK NECESSARY TO ATTACH THE PIPE DRAIN TO THE ABUTMENT DRAIN PIPE, TRENCHING IN THE PIPE DRAINS, INSTALLING THE PIPE DRAIN TO THE CONCRETE HEADWALLS, AND SEEDING CLASS 2 IS INCLUDED IN THE PAY ITEM OF PIPE DRAINS 4".

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS. PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONSISTS OF 89578 FEET OF YELLOW AND 88936 FEET OF WHITE.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CONSISTS OF 21070 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 8" CONSISTS OF 2573 FEET OF WHITE.

THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS ON I-70 AS SHOWN ON STANDARD 781001. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 2750 ONE-WAY CRYSTAL AND 22 ONE-WAY AMBER.

REMOVAL OF TEMPORARY CONCRETE BARRIER FROM THE PROJECT SITE SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM RELOCATE TEMPORARY CONCRETE BARRIER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR REMOVING THE TEMPORARY CONCRETE BARRIER.

THE EXISTING DELINEATORS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF OFF THE PROJECT SITE. THE COST OF REMOVING AND DISPOSING OF THE DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DELINEATORS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE TREES LISTED IN THE PLANS SHALL BE APPROVED FOR ACCEPTANCE BY THE DISTRICT ROADSIDE MAINTENANCE TECHNICIAN, (217)-342-8249. THE LOCATIONS OF THE TREES SHALL BE DETERMINED AND STAKED BY TONY SMITH, EFFINGHAM COUNTY FIELD TECHNICIAN AND RANDY KOHNERT, FAYETTE COUNTY FIELD TECHNICIAN. THE RESIDENT ENGINEER NEEDS TO CONTACT TONY SMITH AT (217) 994-1203 AND RANDY KOHNERT AT (217)-994-1202 TO HAVE THEM PROVIDE LOCATIONS FOR THE TREE MITIGATION. IT IS THE INTENT OF THE DEPARTMENT TO HAVE THE CONTRACTOR PLANT THE TREES WITHIN THE PROJECT LIMITS TO FORM LIVING SNOW FENCES. THE CONTRACTOR SHALL BE REQUIRED TO GIVE TWO WEEKS NOTICE TO SCHEDULE A TIME FOR THE LOCATIONS TO BE STAKED BY THE FIELD TECHNICIANS AND ON THE SAME DAY THE TREES SHALL BE DELIVERED TO THE JOBSITE FOR ACCEPTANCE OF THE PLANTING MATERIAL BY THE DISTRICT ROADSIDE MAINTENANCE TECHNICIAN.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST PER SQUARE YARD SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS. TEMPORARY RAMPS SHALL BE INSTALLED AT THE TAPER RATE OF 1:80 (V:H).

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. PATCHING IS INCLUDED FOR PATCHING THE PAVEMENT ON I-70. AN ESTIMATED QUANTITY OF HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX) HAS BEEN INCLUDED FOR ANY NECESSARY POTHOLE PATCHING. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

GENERAL NOTES (Cont'd)

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

IN ADDITION TO THE REQUIREMENTS IN ARTICLE 101.15(j), A LAPTOP COMPUTER SHALL BE SUPPLIED BY THE CONTRACTOR.

RUBBLIZATION SHALL BE BY METHOD 1 AS DESCRIBED IN THE SPECIAL PROVISIONS.

A LOADED MATERIAL TRANSFER DEVICE MAY CROSS STRUCTURES 026-0023 AND 026-0024.

THE COST OF REMOVAL OF EXISTING GUARD POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR GUARD POSTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

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 UTILITIES 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 FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
POLYMERIZED HMA SURFACE COURSE, SMA, N80	SBS PG 76-22	4.0% @ N=80	IL - 12.5	N/A
HMA SURFACE COURSE, MIX "D", N90	PG 64-22	4.0% @ N=90	IL - 9.5	MIX D
POLYMERIZED HMA BINDER COURSE, IL-19.0 FG N90	SBS PG 70-22	4.0% @ N=90	IL - 19.0 FG	N/A
HMA BINDER COURSE, IL - 19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA BASE COURSE, 4 3/4"	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA LEVELING BINDER, N90	PG 64-22	4.0% @ N=90	IL - 9.5	N/A
HMA SHOULDERS, 13" BOTTOM LIFT (6")	PG 64-22	4.0% @ N=70	IL - 19.0	N/A
HMA SHOULDERS, 13" LIFT #2 (4")	PG 64-22	4.0% @ N=70	IL - 19.0	N/A
HMA SHOULDERS, 13" LIFT #3 (3")	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA SHOULDERS LIFT #1	PG 64-22	4.0% @ N=30	IL - 19.0L	N/A
HMA SHOULDERS TOP LIFT	PG 64-22	4.0% @ N=30	IL - 9.5L	N/A

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

AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ FT
BITUMINOUS MATERIALS (PRIME COAT)-FOG COAT	0.025 LBS/SQ FT
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
STONE MATRIX HOT-MIX ASPHALT	130 LBS/SQ YD/INCH

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\evan\trn\08186577\077	469\shl\index.dgn	DRAWN -	REVISED -			70	(26-5.26-5-1.25-1-1)R		92	3
PLOT SCALE = 1/8" = 1' IN	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 74469				
PLOT DATE = 6/9/2014	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.				

* EFFINGHAM & FAYETTE