

**GENERAL NOTES**

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 121 IN CUMBERLAND COUNTY, FROM THE INTERSECTION OF ROUTE 121 AND US 45 TO JUST WEST OF THE TOLEDO SQUARE IN TOLEDO. THE WORK INCLUDED IN SECTION (108, 109, 110)RS-3, CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, AGGREGATE SHOULDERS, PAVEMENT MARKING, BOX CULVERT REMOVAL AND REPLACEMENT, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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), LEVEL BINDER, AND BITUMINOUS SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 190,739 FEET OF YELLOW AND 49781 FEET OF WHITE.

PAINT PAVEMENT MARKING ON CENTERLINE ROAD SHALL BE COMPLETED BEFORE DETOUR BEGINS.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 837 2-WAY AMBER AND 79 ONE WAY CRYSTAL.

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

AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

EXISTING AGGREGATE SHOULDER WITHIN THE LIMITS OF HMA INLAY SECTIONS SHALL BE REMOVED AS NEEDED FOR PLACEMENT OF HMA RESURFACING AND REPLACED WITH AGGREGATE SHOULDERS, TYPE B. THE REMOVAL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. 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.

BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP OR SS-1H.

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

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: LEVEL BINDER  
APPLICATION: LEVELING BINDER (MACHINE METHOD) N70  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL-9.5  
FRICTION AGGREGATE: N/A

MIXTURE USE: SURFACE COURSE  
APPLICATION: HMA SURFACE COURSE, MIX "C", N70  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL - 9.5  
FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: PAVEMENT PATCHING  
APPLICATION: HMA BINDER COURSE, IL-19.0, N70  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: N/A

MIXTURE USE: INCIDENTAL HOT MIX ASPHALT SURFACING  
APPLICATION: HMA SURFACE COURSE, MIX "C", N70  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL-9.5  
FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: HOT-MIX ASPHALT SHOULDER  
APPLICATION: HMA SURFACE COURSE, N30 C, 9.5L  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4% @ NDESIGN = 30  
MIXTURE COMPOSITION: IL-9.5L  
FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: HMA PAVEMENT (FULL-DEPTH), 13-1/2" (BINDER ONLY)  
APPLICATION: HMA ASPHALT BINDER COURSE, IL-19.0, N70  
PG GRADE: PG 64-22  
DESIGN AIR VOIDS: 4% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: NA

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SO YD
HOT MIX ASPHALT	112 LBS/SO YD/INCH

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THE FOLLOWING STANDARDS AND DISTRICT DETAILS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 56:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
630001-09	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701006-03	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701011-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >=45 MPH
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. 22-6	TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (ROAD CLOSED TO THRU TRAFFIC)
DETAIL NO Z0070202	SURVEY MARKER VAULT

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES &amp; INDEX OF SHEETS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\psidot\teasleyck\d0123840\074252-shr-gennote.dgn		DRAWN -	REVISED -			•	(108,109,110)RS-3	Cum. rland	56	2
PLOT SCALE = 50.3008 ' / in.		CHECKED -	REVISED -			CONTRACT NO. 74252				
PLOT DATE = 2/2/2012		DATE -	REVISED -			SCALE: no	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	