

GENERAL NOTES (Cont'd)

TREES SHALL BE PRESERVED THROUGHOUT THIS PROJECT AS DIRECTED BY THE ENGINEER.

TREES TO BE PLANTED FOR THIS PROJECT SHALL BE DELIVERED TO THE EFFINGHAM WEST MAINTENANCE YARD LOCATED ON US 40, WEST OF EFFINGHAM. ALL TREES WILL BE PLANTED OFFSITE BY MAINTENANCE PERSONNEL, EXCEPT AS SHOWN IN THE PLANS. THE CONTRACTOR WILL BE REQUIRED TO DELIVER THE REQUESTED TREES WITHIN 30 DAYS OF THE DATE THEY ARE REQUESTED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL CONTACT PAUL NOSBISCH, (217) 342-8281, OF THE ANTICIPATED DELIVERY DATE OF THE TREES. THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN SHALL INSPECT ALL TREES WITHIN 48 HOURS AFTER THEY ARE DELIVERED TO THE EFFINGHAM WEST YARD. THE DISTRICT 7 ROADSIDE TECHNICIAN SHALL NOTIFY THE CONTRACTOR, IN WRITING, WITHIN 24 HOURS AFTER COMPLETING INSPECTION OF THE TREES, AS TO ACCEPTANCE OF THE TREES. UPON RECEIVING WRITTEN ACCEPTANCE FROM THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN, THE CONTRACTOR IS RELIEVED OF ALL RESPONSIBILITY AND CLAIMS RELATING TO THE TREES DELIVERED.

TREES TO BE PLANTED ONSITE BY THE CONTRACTOR ARE AS FOLLOWS:

PARCEL 7105200, BETTE ARLENE COLLINS TRUST:
ONE (1) EVERGREEN, PINUS STROBUS, (EASTERN WHITE PINE), 6' B&B

PARCEL 7105205, CHRISTOPHER J. LUTZ:
SIX (6) TREES TO BE DETERMINED

RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKERS ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKER WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

THE MATERIAL USED FOR THE SUBBASE GRANULAR MATERIAL, TYPE B 12" SHALL BE A CRUSHED MATERIAL.

THERE IS AN URBAN RURAL SPLIT IN THIS PROJECT, THE BREAK DOWN IS AS FOLLOWS:

FAP 91 (IL 16) STA. 599+20.17 TO STA. 616+45.89 (URBAN)
E. HARRISON AVE. (A) STA. 20+00.00 TO STA. 34+00.00 (URBAN)
E. HARRISON AVE. (B) STA. 50+00.00 TO STA. 72+25.00 (URBAN)
CONNECTOR RD. STA. 0+00.00 TO STA. 2+54.12 (URBAN)
EXISTING E. HARRISON AVE. STA. 6+00.00 TO STA. 41+36.00 (URBAN)
EXISTING E. HARRISON AVE. STA. 41+36.00 TO STA. 87+50.00 (RURAL)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE AND RE-ERECTION OF EXISTING SIGNS TO BE RE-USED ON THIS PROJECT. IF THE SIGNS ARE DAMAGED DURING REMOVAL, STORAGE OR RE-INSTALLATION PROCEDURES THEY WILL BE REPLACED BY THE CONTRACTOR AT HIS COST. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FLASHING BEACONS AND FLASHING LED STOP SIGNS LOCATED AT THE EXISTING INTERSECTION OF FAP 91 (IL 16) AND E. HARRISON AVE, SHALL BE DELIVERED TO THE DISTRICT 7 SIGN SHOP WHEN REMOVED.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

SURFACE COURSE (1 1/2")-IL 16
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE D

SURFACE COURSE (2")-E. HARRISON AVE. (A)
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

SURFACE COURSE (2")-E. HARRISON AVE (B) & CONNECTOR RD.
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

SURFACE COURSE (1 1/2")-EXIST. E. HARRISON AVE.
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

BINDER COURSE (5 3/4")-E. HARRISON AVE. (A)
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

BINDER COURSE (5 3/4")-E. HARRISON AVE (B) & CONNECTOR RD.
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

BASE COURSE (8 3/4")-IL 16 (TURN LANE)
APPLICATION: HOT-MIX ASPHALT BASE COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

HOT-MIX ASPHALT SHOULDERS (8")-IL 16 (1ST LIFT OF 6")
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N30, IL-19.0L
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
MIXTURE COMPOSITION: IL-19.0L
FRICTION AGGREGATE: NA

HOT-MIX ASPHALT SHOULDERS (8")-IL 16 (TOP LIFT OF 2")
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
MIXTURE COMPOSITION: IL-9.5L
FRICTION AGGREGATE: MIXTURE C

CLASS D PATCHES (14")-IL 16
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

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

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

FILE NAME =	USER NAME = stoffenck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES (Cont'd)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
al\p\work\psidat\stoeffenck\08158776\07	74423-shs-binder.dgn	DRAWN -	REVISED -		91	5N	Colias	271	3		
PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -			SCALE: NA SHEET 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 74423				
PLOT DATE = 5/7/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						