



LEGEND

- ① EXIST. COMPOSITE PAVEMENT, VARIES 13"-22"
- ② EXIST. SUBBASE GRANULAR MATERIAL, 4" +/-
- ③ EXIST. BARRIER CURB AND GUTTER
- ④ EXIST. MOUNTABLE CURB AND GUTTER
- ⑤ EXIST. BITUMINOUS MEDIAN SURFACE
- ⑥ EXIST. PCC SIDEWALK
- ⑦ EXIST. CONCRETE MEDIAN
- ⑧ PROP. STRIP REFLECTIVE CRACK CONTROL
- ⑨ PROP. HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑩ PROP. COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑪ PROP. COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑫ PROP. STABILIZED MEDIAN SURFACE, 12" (SEE NOTE 10)
- ⑬ PROP. PCC BASE COURSE OR PCC BASE COURSE WIDENING - 8" (ON IL-72) & 9 3/4" (ON IL 31) (SEE NOTE 7)
- ⑭ PROP. POLY. HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
- ⑮ PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 1 3/4"
- ⑯ PROP. PCC SIDEWALK, 5"
- ⑰ PROP. TOPSOIL FURNISH AND PLACE, 6"
- ⑱ PROP. SODDING, SALT TOLERANT
- ⑲ PROP. CONCRETE MEDIAN, TYPE SB-6.06
- ⑳ PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ㉑ PROP. COMBINATION CURB AND GUTTER, TYPE M-2.12
- ㉒ PROP. AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE 5)
- ㉓ PROP. DRILL & GROUT *6 EPOXY COATED TIEBARS 24" LENGTH ON 24" C-C (SEE NOTE 6)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL9.5mm), 1 3/4"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"	4% @ 90 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 (IL9.5mm)	4% @ 70 Gyr.
FULL-DEPTH PAVEMENT	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL9.5mm), 1 3/4"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"	4% @ 90 Gyr.
PAVEMENT WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL9.5mm), 1 3/4"	4% @ 90 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"	4% @ 90 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL9.5mm), 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); PE 6", CE 8" (2 1/4" MIN LIFT)	
STABILIZED MEDIAN SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL9.5mm), 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"	4% @ 70 Gyr.
PATCHING	
CLASS D PATCHES	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 13"	4% @ 70 Gyr.
TEMPORARY PAVEMENT	
HIGH PERFORMANCE COLD PATCH ASPHALT MATERIALS TO BE APPROVED BY RESIDENT ENGINEER	

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

***NOTES:**

- SEE CROSS SECTIONS FOR LOCATION OF REVERSE PITCH CURB AND GUTTER.
- SEE CONC. MEDIAN TY B (SPECIAL) DETAIL FOR SB-9 AND SB-6 COMBINATION.
- SEE CROSS SECTION SHEETS FOR VARIED PAVEMENT SLOPE AND DITCH LOCATIONS.
- SEE PROPOSED TYPICAL SECTIONS SHEET 3 FOR HOT-MIX CHART.
- SEE TYPICAL SECTIONS SHEET 1 FOR LOCATIONS AND DEPTHS OF PROPOSED UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENTS.
- EPOXY COATED TIE-BARS ARE INCLUDED IN THE COST OF THE PCC BASE COURSE 8" OR 9 3/4"
- SEE PLAN AND PROFILE SHEETS WHEN PCC BASE COURSE WIDENING SHALL BE USED INSTEAD OF PCC BASE COURSE
- FOR LOCATIONS OF LEVELING BINDER, SEE MILLING AND LEVELING BINDER DEPTHS FOR IL 31 AND IL 72 ON SHEETS 43 AND 44.
- SURFACE AND BINDER SHALL BE PROVIDED FOR RESURFACING AND WIDENING AREAS.
- FOR STABILIZED MEDIAN, 12" LESS THAN 6" WIDE CONCRETE MEDIAN SURFACE, 4" W/AGG BASE COURSE, 4" SHALL BE USED.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



USER NAME = *USER*	DESIGNED <i>ESI</i>	REVISED - 08/01/12
PLOT SCALE = *SCALE*	DRAWN <i>ESI</i>	REVISED - 08/29/12
PLOT DATE = *DATE*	CHECKED <i>GJS</i>	REVISED -
	DATE 07/03/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	S-N	KANE	153	17
CONTRACT NO. 60A95				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				