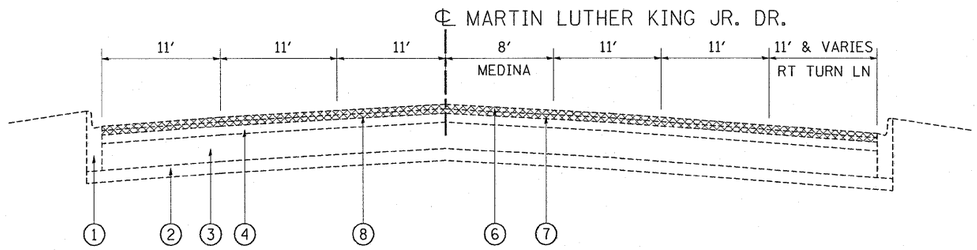
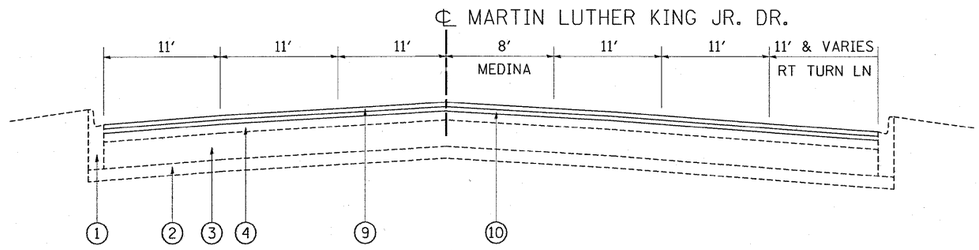


EXISTING TYPICAL SECTION
MARTIN LUTHER KING JR DR AT IL 131



PROPOSED TYPICAL SECTION
MARTIN LUTHER KING JR DR AT IL 131

LEGEND

1. EXISTING B-6.24 COMB. CONC. CURB & GUTTER
2. EXISTING SUB BASE
3. EXISTING PCC BASE COURSE, ±10″
4. EXISTING HMA BASE COURSE, ±4″
5. EXISTING CONCRETE BARRIER MEDIAN
6. EXISTING HMA SURFACE COURSE, ±1-1/2″
7. EXISTING HMA BINDER COURSE, ±1″
8. PROPOSED HMA SURFACE REMOVAL, 2-1/2″
9. PROPOSED POYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1-3/4″
10. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) COURSE, IL-4.75, N50, 3/4″

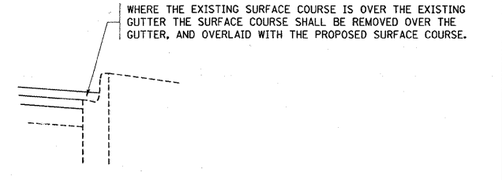
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR 76-28/-22	4% @ 50 GYR
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR
BIT. REPLACEMENT OVER PATCHES, (HMA BINDER IL-19.0 MM)	PG 64-22 ✳✳	4% @ 70 GYR
CLASS D PATCHES, HMA BINDER IL-19 MM, 10″	PG 64-22 ✳✳	4% @ 70 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE	PG 64-22/58-22	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES QUANTITIES IS 112 LBS/SQ YD/IN

✳✳ WHEN RAP EXCEEDS 20 %, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

DETAIL A



IL 131
TYPICAL SECTIONS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	D-RS-3	LAKE	40	7
		CONTRACT NO. 60E93		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		