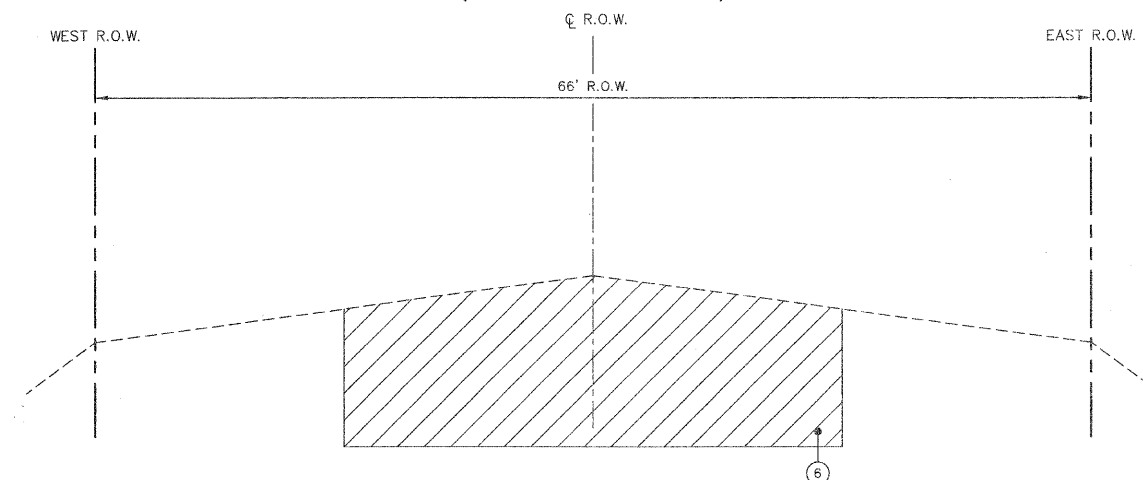




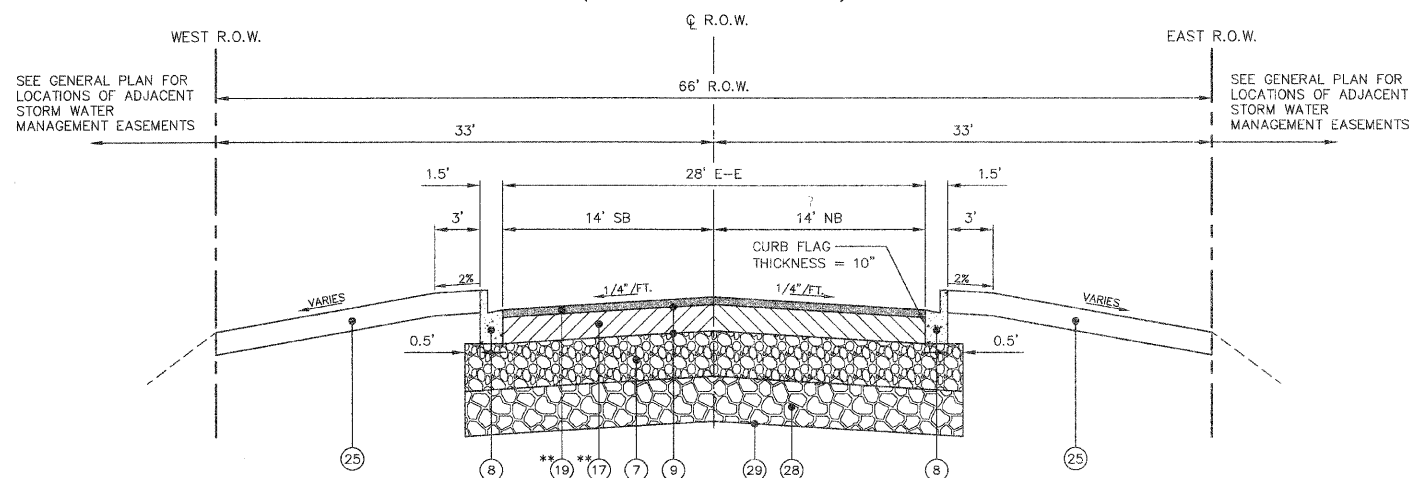
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1680	05-00038-00-PV	KANE/KENDALL	130	6
STA.		TO STA.		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

**EXISTING PAVEMENT CROSS SECTION
RE-ALIGNED BASELINE ROAD**
(STA. 2000+24 TO STA. 2014+61)



**PROPOSED PAVEMENT CROSS SECTION
RE-ALIGNED BASELINE ROAD**
(STA. 2000+24 TO STA. 2014+61)



** TO BE PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" INSTEAD OF SEPARATELY

LEGEND

- | | |
|---|---|
| ① EXISTING ASPHALT PAVEMENT | ⑰ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8" (3 LIFTS) |
| ② EXISTING BASE MATERIAL | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1.0" & VARIES |
| ③ EXISTING AGGREGATE SHOULDER | ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| ④ EXISTING PAVED SHOULDER | ⑳ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" |
| ⑤ PAVEMENT REMOVAL | ㉑ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |
| ⑥ EARTH EXCAVATION (WIDENING) | ㉒ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2" |
| ⑦ PROPOSED AGGREGATE SUBGRADE, 12" | ㉓ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" (2" SURFACE, 6" BINDER) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | ㉔ STRIP REFLECTIVE CRACK CONTROL |
| ⑨ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ TOPSOIL, SEEDING, FERTILIZER AND MULCH PER PLANS |
| ⑩ POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) | ㉖ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5" |
| ⑪ AGGREGATE (PRIME COAT) | ㉗ HOT-MIX ASPHALT SURFACE REMOVAL, 2" |
| ⑫ PROPOSED HOT-MIX ASPHALT BASE COURSE, 6 3/4" (2 LIFTS) | ㉘ POROUS GRANULAR EMBANKMENT SUBGRADE, AS NEEDED |
| ⑬ PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/2" (3 LIFTS) | ㉙ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, AS NEEDED |
| ⑭ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12" (3 LIFTS) | |
| ⑮ PROPOSED POLYMERIZED HOT-MIX ASPHALT BASE COURSE, IL-19.0, N90, 13" (3 LIFTS) | |
| ⑯ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25" | |

HOT-MIX ASPHALT MIXTURE REQUIREMENT TABLE

ROADWAY	OPERATION	PAY ITEM DESCRIPTION	AC TYPE	VOIDS
RE-ALIGNED BASELINE ROAD	NEW CONSTRUCTION	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (HMA BINDER IL-19.0 MM) (BOTTOM 8") (HMA SURFACE, MIX "D", IL-9.5 MM) (TOP 2")	PG 64 -22	4% @ 50 Gyr. 4% @ 50 Gyr.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SQ.YD./INCH.

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: _____ DRAWN BY: KKP
DATE: 03-26-09 CHECKED BY: TVW