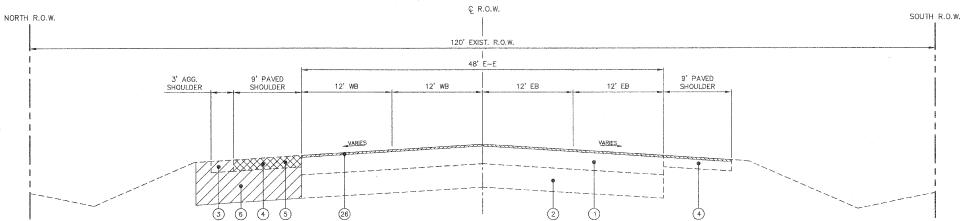


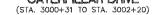
COUNTY TOTAL SHEET NO. SECTION 1680 05-00038-00-PV KANE/KENDALL 130 9 FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

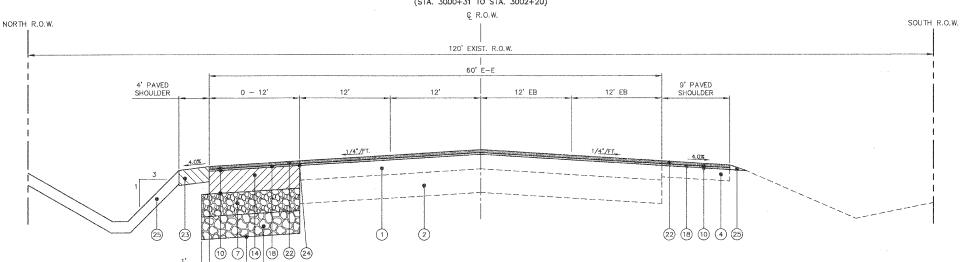
## **EXISTING PAVEMENT CROSS SECTION** CATERPILLAR DRIVE





## PROPOSED PAVEMENT CROSS SECTION CATERPILLAR DRIVE





## HOT-MIX ASPHALT MIXTURE REQUIREMENT TABLE

ROADWAY	OPERATION	PAY ITEM DESCRIPTION	AC TYPE	VOIDS
CATERPILLAR DRIVE	WIDENING, 12"	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 12"		
(STA 3000+42 TO STA 3002+20)			SBS/SBR PG 70 -22	4% @ 90 Gyr
CATERPILLAR DRIVE	OVERLAY, 3"	LEVELING BINDER (MACHINE METHOD), N70, 1" & VARIES (3/4" MIN.) (IL-9.5 MM)	PG 64 -22*	4% @ 70 Gyr
(STA 3000+42 TO STA 3002+20)		POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2" (IL-9.5 MM)	SBS/SBR PG 70 -22	4% @ 90 Gyr
CATERPILLAR DRIVE	HMA SHOULDER	HOT-MIX ASPHALT SHOULDER, 8"		
		(HMA BINDER IL-19.0 MM) (BOTTOM 6")	PG 64 -22*	4% @ 50 Gyr
		(HMA SURFACE, MIX "D", IL-9.5 MM) (TOP 2")	PG 64 -22	4% @ 50 Gyr
CATERPILLAR DRIVE	PATCHING	CLASS D PATCHES (HMA BINDER IL-19.0 MM)	PG 64 -22*	4% @ 70 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.

## LEGEND

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

REVISIONS NAME

,	LILINOIS	DEPARTMENT	OF	TRANSPORTATION					
DATE	122111010			TOTAL OTTAL					
	TYPICAL								
	CROSS SECTIONS								

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

PROFILE SURVEYED
PLOTIED PLOTIED
NOTE BOOK GRADES CHECKED.
NO. STRUCTURE NOTATIVE CHYD

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