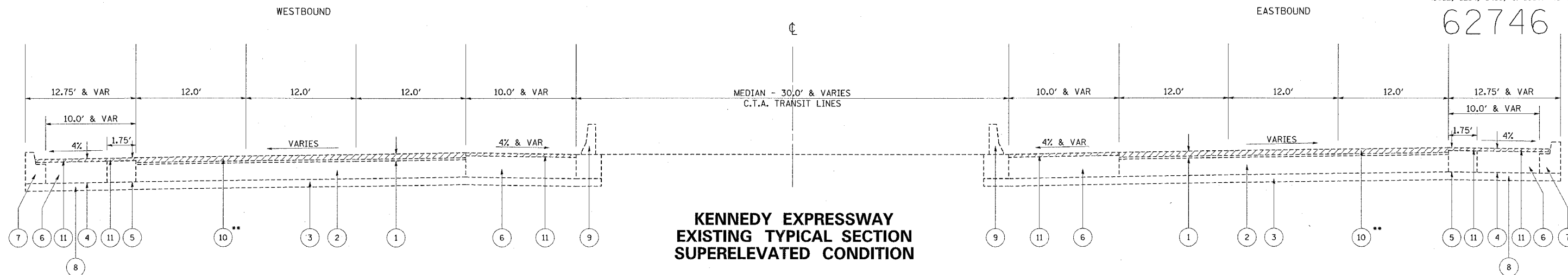
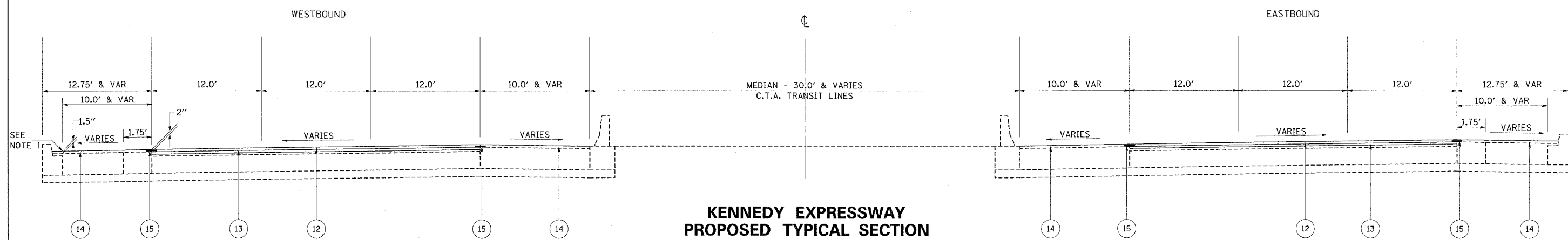


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	*	COOK	81	5
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
* (1012, 1214, 1415, & 1517) RS-3				

62746



**KENNEDY EXPRESSWAY  
EXISTING TYPICAL SECTION  
SUPERELEVATED CONDITION**



**KENNEDY EXPRESSWAY  
PROPOSED TYPICAL SECTION  
SUPERELEVATED CONDITION**

2006

2006

**MIXTURE REQUIREMENTS**

MIXTURE TYPE	AC TYPE	RAP %	AIR VOIDS
POLY. BIT. CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, SUPERPAVE, N80	SBS PG 76-28	0	4% @ 80 GYR
POLY. BIT. CONCRETE BINDER COURSE, STONE MATRIX ASPHALT, SUPERPAVE, N80	SBS PG 76-28	0	4% @ 80 GYR
POLY. BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS / SBR PG 70-22	0	4% @ 90 GYR
POLYMERIZED LEVELING BINDER (MAHCINE METHOD), SUPERPAVE, IL-4.75, N50	SBS / SBR PG 76-28	0	2.5% @ 50 GYR
CLASS D PATCHES (BINDER IL-25 MM)	PG 64-22	0	4% @ 105 GYR
BITUMINOUS REPLACEMENT OVER PATCHES (BINDER IL-19 MM)	PG 64-22	15	4% @ 70 GYR

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL STONE MATRIX ASPHALT SURFACE MIXTURES IS 135 LBS/SQYD/IN  
: THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURE IS 112 LBS/SQYD/IN

\*\* REFER TO SEQUENCE OF OPERATION (PAGE 78-81)

Mixture Type	AC Type	RAP %	Air Voids
Bit. Conc. Surface Course, Superpave, Mix D, N70	PG 64-22	10	4% @ 70 Gyr

**LEGEND**

- |  |   |
|--|---|
| 1 EXISTING BITUMINOUS CONCRETE COURSE, ± 4¾"   | 9 EXISTING BARRIER WALL   |
| 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" (STD. REINFORCED)                                      | 10 PROPOSED BITUMINOUS SURFACE REMOVAL, 1¾"                                   |
| 3 EXISTING AGGREGATE SUB-BASE, 6"  | 11 PROPOSED BITUMINOUS SURFACE REMOVAL, 1 ½"                                  |
| 4 EXISTING 4.75" BITUMINOUS CONCRETE SURFACE COURSE ON AGGREGATE BASE COURSE OR BITUMINOUS SHOULDER, 10" | 12 PROP. POLY. BIT. CONC. SURFACE COURSE, SMA, SUPERPAVE, N80, 1¾"            |
| 5 EXISTING BITUMINOUS SHOULDER WITH BITUMINOUS SURFACE COURSE, 12¼"                                      | 13 PROP. POLY. BIT. CONC. BINDER COURSE, SMA, SUPERPAVE, N80, 1¾"             |
| 6 EXISTING P.C.C. SHOULDER, 13"  | 14 PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1 ½" |
| 7 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES (SEE NOTE 2)                                | 15 PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT                          |
| 8 EXISTING POWER LINE, 24" ± 6' BELOW GRADE AND APPROXIMATELY 7.5' OFF EDGE OF PAVEMENT                  |   |

**NOTES**

- MATCH EXISTING ELEVATIONS AT EDGE OF SHOULDER.
- SOME LOCATIONS DO NOT HAVE CURB AND GUTTER. ALSO SHOULDER WIDTH VARIES FROM 10.0' MAXIMUM TO 4.0' MINIMUM.
- MATCH EXISTING ELEVATIONS AT EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**KENNEDY EXPRESSWAY  
TYPICAL SECTIONS**  
SCALE: VERT. NONE  
DATE 2/3/2006  
DRAWN BY EWK  
CHECKED BY