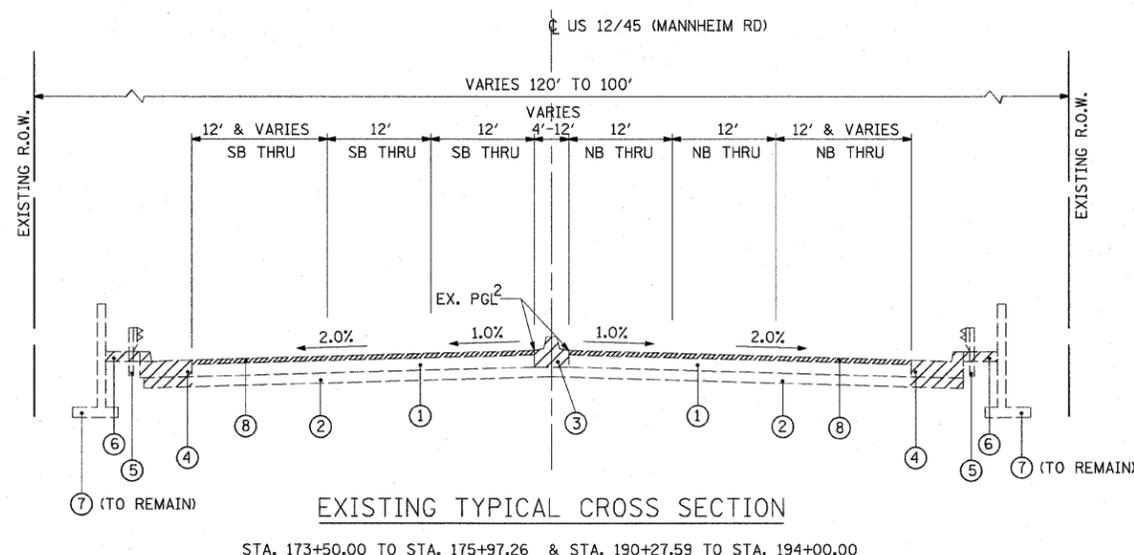


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 VB-R-1	COOK	103	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60407				



EXISTING TYPICAL CROSS SECTION
STA. 173+50.00 TO STA. 175+97.26 & STA. 190+27.59 TO STA. 194+00.00

LEGEND - EXISTING

- ① PCC PAVEMENT, 10"±
 - ② SUB-BASE GRANULAR MATERIAL, TYPE A, 6"±
 - ③ MEDIAN REMOVAL
 - ④ COMB. CURB & GUTTER REMOVAL
 - ⑤ GUARDRAIL REMOVAL
 - ⑥ SIDEWALK REMOVAL VARIES FROM 6'-5" TO 12'-5"
 - ⑦ RETAINING WALL
 - ⑧ PCC SURFACE REMOVAL (COLD MILLING) 1-3/4"
- REMOVAL ITEM¹

LEGEND - PROPOSED

- Ⓐ SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- Ⓑ CONCRETE MEDIAN, TYPE SB-9.12
- Ⓒ COMB. CONCRETE CURB & GUTTER, TYPE B-6.24
- Ⓓ PCC SIDEWALK, 5" (VARIES FROM 6' - 5" TO 12' - 5")
- Ⓔ EXISTING RETAINING WALL TO REMAIN IN PLACE
- Ⓕ TIE BARS NO. 4 @ 2' C-C
- Ⓖ POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4")

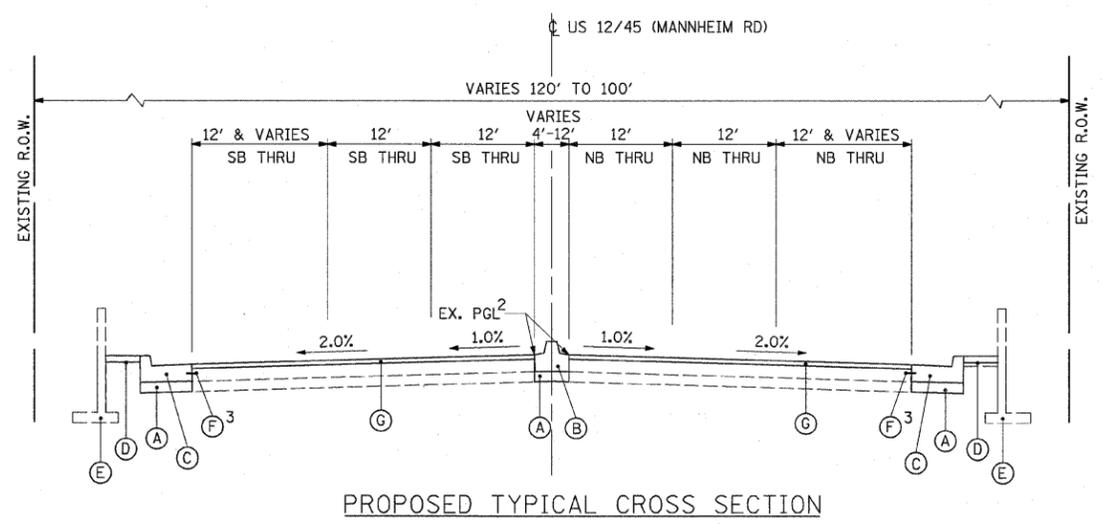
HMA MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS	MAX. RAP %
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90Gyr	10

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS:
112 LBS/SQ YD/ IN

NOTES:

1. FOR LOCATIONS, SEE ROADWAY PLAN.
2. EX. PGL IS AT EDGE OF MEDIAN
3. TIE BARS SHALL BE DRILLED & GROUTED INTO EXISTING PCC PAVEMENT. COST SHALL BE INCLUDED IN THE COST OF CURB & GUTTER.



PROPOSED TYPICAL CROSS SECTION
STA. 173+50.00 TO STA. 175+97.26 & STA. 190+27.59 TO STA. 194+00.00

TYP-1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 330 US 12/45 (MANNHEIM RD.) OVER 500 LINE RR & FRANKLIN AVE.
NAME	DATE	
		TYPICAL SECTIONS

EARTH TECH | AECOM

SCALE: N.T.S. DRAWN BY: CJO
DATE: JULY 8, 2009 CHECKED BY: PWK

L:\WORK\53346\cadd\drawings\Roadway\04\typsec.dgn
7/8/2009