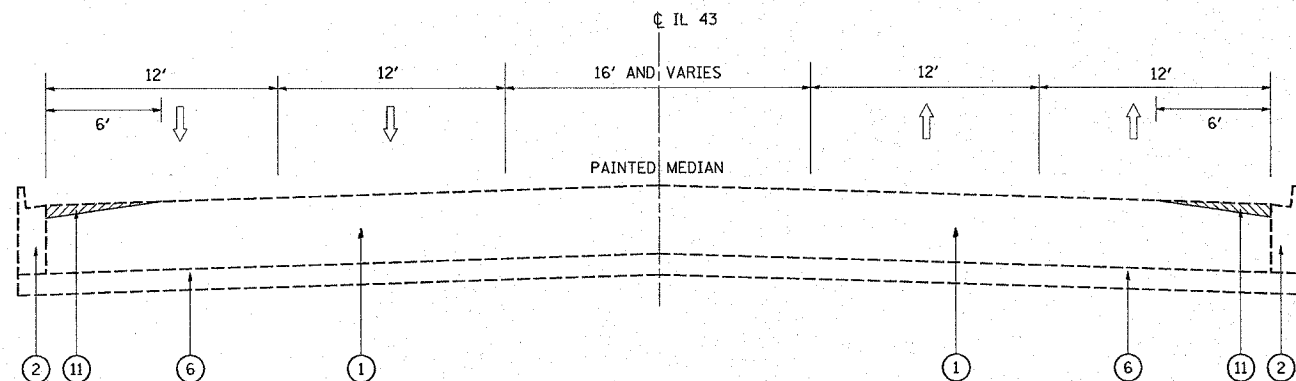


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	*	COOK	86	12

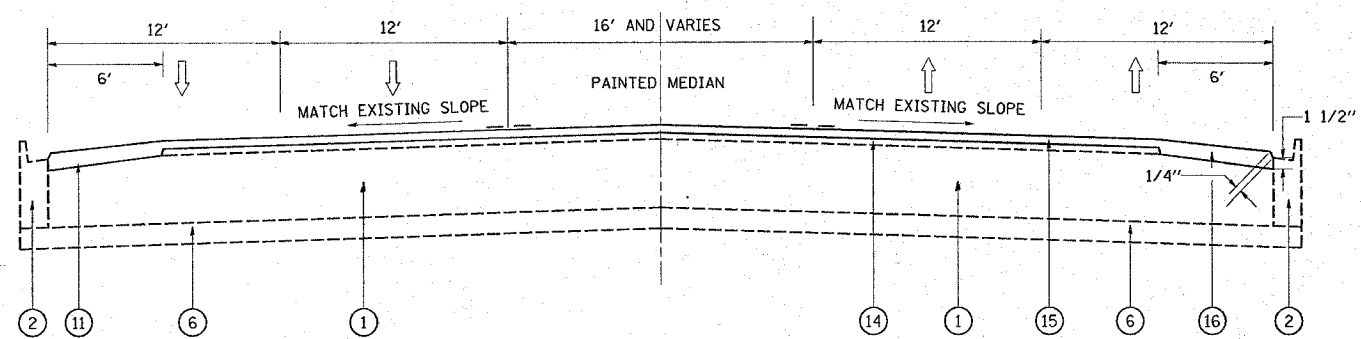
STA.	TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

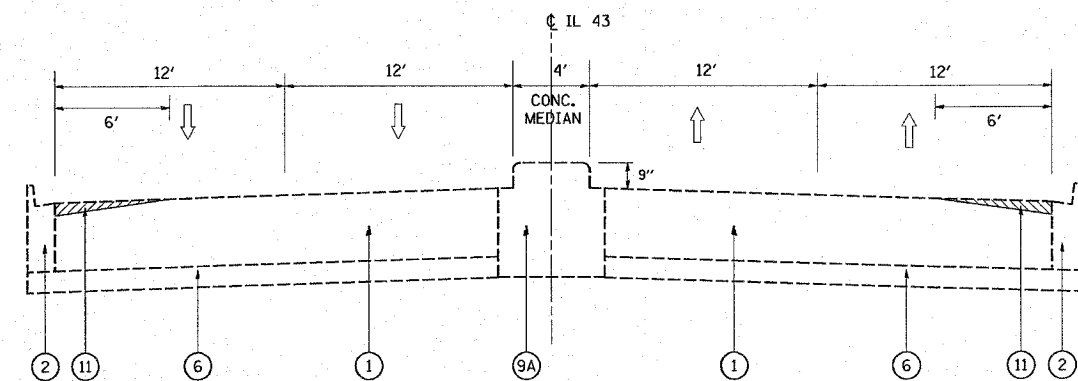
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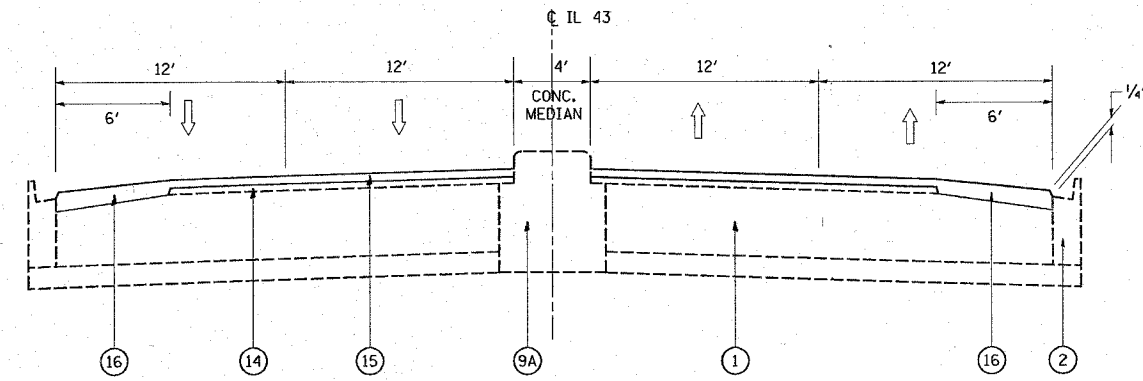
EXISTING TYPICAL SECTION
STA. 126+00 TO STA. 140+00



PROPOSED TYPICAL SECTION
STA. 126+00 TO STA. 140+00



EXISTING TYPICAL SECTION
STA. 170+22 TO STA. 174+00



PROPOSED TYPICAL SECTION
STA. 170+22 TO STA. 174+00

LEGEND

- ① EXISTING CONCRETE PAVEMENT, 10"
- ② EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12
- ④ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑤ EXISTING SAND FILL
- ⑥ EXISTING STABILIZED SUB-BASE, 4"
- ⑦ EXISTING HMA SURFACE REMAINING AFTER MILLING, 1/2"
- ⑧ EXISTING P.C. CONCRETE MEDIAN, TYPE M-2.12
- ⑨ EXISTING STABILIZED MEDIAN SURFACE, 12"

LEGEND

- ⑨A EXISTING CONCRETE MEDIAN
- ⑩ PROPOSED P.C.C. HMA SURFACE REMOVAL, 2"± (MEDIAN SURFACE OF M-2.12)
- ⑪ PROPOSED P.C.C. SURFACE REMOVAL (VARIABLE DEPTH) 0" - 1 1/2"
- ⑪A PROPOSED MEDIAN REMOVAL (PARTIAL DEPTH)
- ⑫ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑬ PROPOSED CURB CUT, 2"±
- ⑭ PROPOSED POLYMERIZED LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑮ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX. F, N90, 1 3/4"
- ⑯ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX. F, N90, (VARIABLE DEPTH) 2 1/2" - 1 3/4"

** HOT MIX ASPHALT SHOULDERS, 6"

MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	DESIGN AIR VOIDS	REMARKS
POLYMERIZED, HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR.	IL-9.5MM
LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.	
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	PG 64-22	4% @ 70 GYR.	HMA, BINDER IL-19MM
CLASS "D" PATCHES	PG 64-22/58-22	4% @ 70 GYR.	HMA, BINDER IL-19MM
** HOT-MIX ASPHALT SHOULDERS, 6"	PG 64-22	4% @ 70 GYR.	BINDER IL-19MM

NOTE:

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

** FOR STABILIZATION AT TRAFFIC BARRIER TERMINAL TYPE I (SPECIAL). SEE DIST. DETAILS.

*** "WHEN RAP EXCEEDS 20%, THEN NEW ASPHALT BINDER IN THE MIX SHALL BE PG58-22"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. RT. 43 (HARLEM AVE.)
EXISTING & PROPOSED
TYPICAL SECTIONS**

SCALE: VERT. NONE
DATE: HORIZ. DRAWN BY
CHECKED BY

PLOT DATE = 12/15/2007
 FILE NAME = c:\npr\proj\1419201\ah_rch\dgn
 USER NAME = bshahar / IN
 USER NAME = bshahar / IN