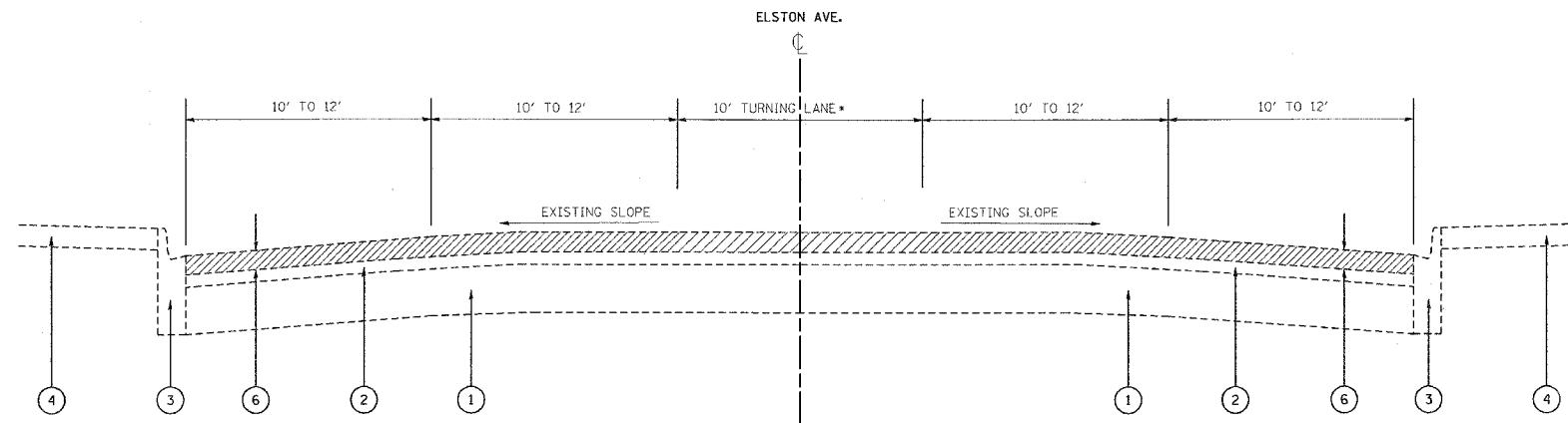


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2001-143RS	COOK	19	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

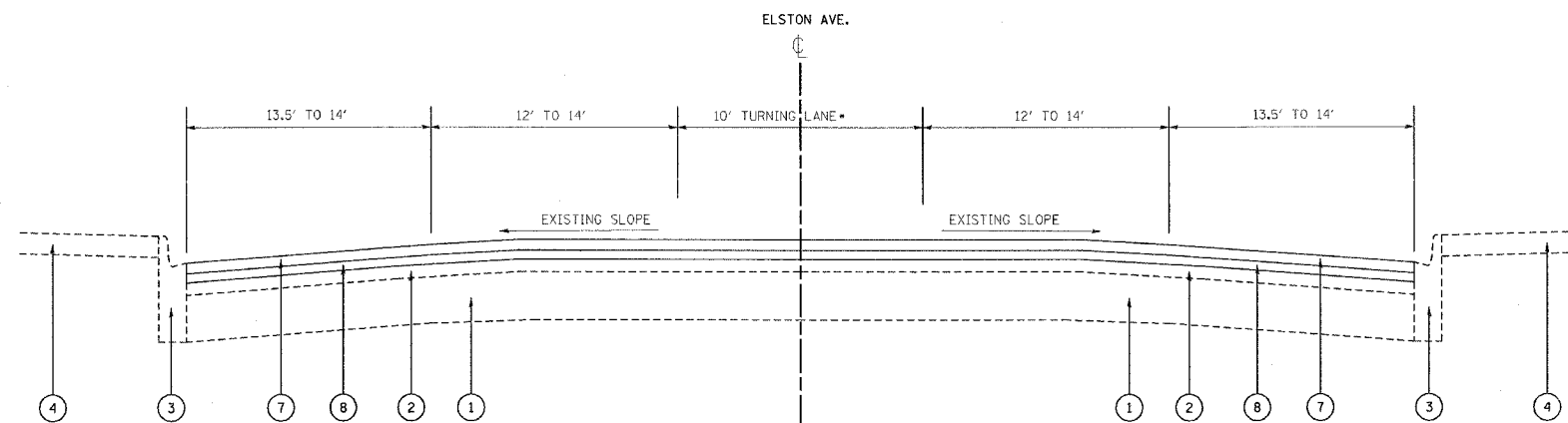
CONTRACT # 62322



EXISTING CROSS SECTION
 *STA. 122+57 TO STA. 122+98
 STA. 124+45 TO STA. 130+58

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 9"±
- ② EXISTING HMA SURFACE 3"±
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ④ EXISTING P.C. CONCRETE SIDEWALK
- ⑤ EXISTING GRANITE BLOCKS, RAILS, AND WOOD
- ⑥ PROPOSED HMA SURFACE REMOVAL 2 1/4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"



PROPOSED CROSS SECTION
 *STA. 122+57 TO STA. 122+98
 STA. 144+45 TO STA. 130+58

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	SBS/SBR 76-28/-22	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 1 1/2"	PG 64-22	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES, BINDER (IL-19.0 MM)	PG 64-22*	4% @ 70 GYR

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

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
ELSTON AVE.
ILL 50 TO LOWELL AVE.

SCALE: VERT. NONE
 HORIZ.
 DATE 7/23/2007
 DRAWN BY C.A.D.D.
 CHECKED BY

7/23/2007 c:\p\projects\8145001\design.co.dgn