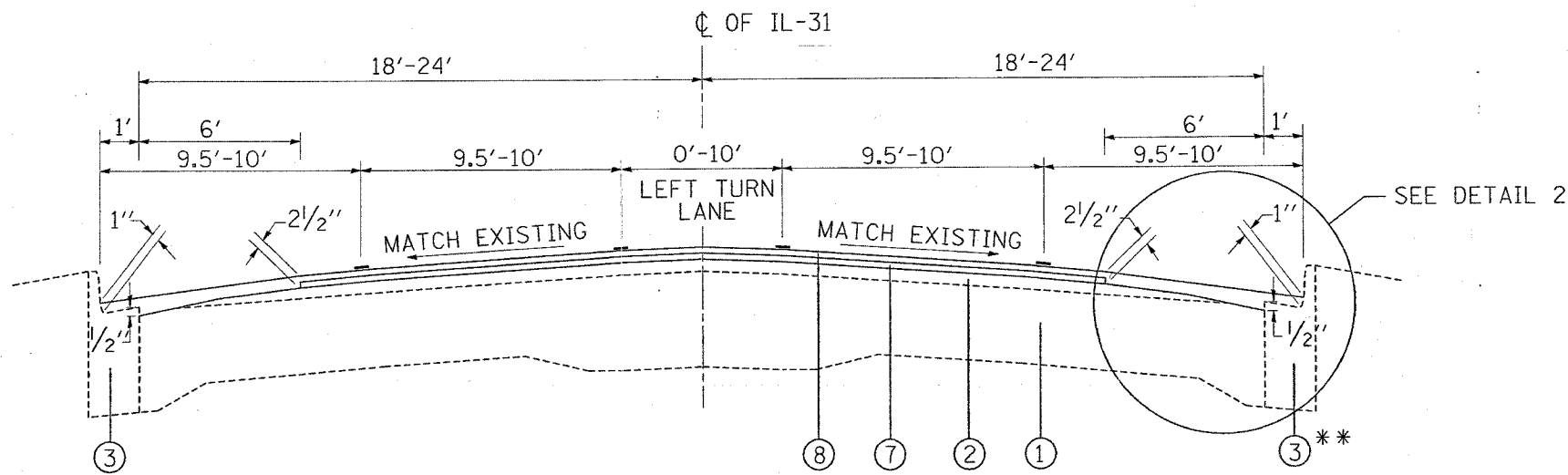


IL. RTE. 31
EXISTING TYPICAL CROSS SECTION
 STA. 6+25 TO STA. 10+00
 *EXISTING HMA OVERLAY ON 1' GUTTER FLAG

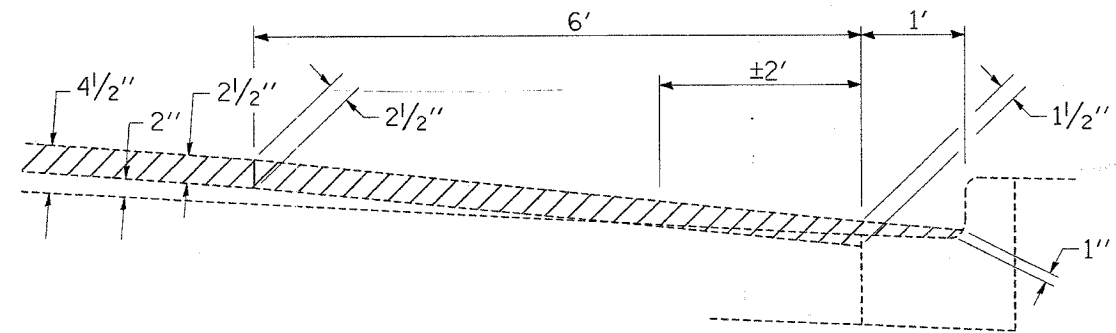
LEGEND

- ① EXISTING P.C. CONCRETE PAVEMENT
- ② EXISTING HMA SURFACE REMAINING AFTER MILLING, 2"
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER, B-6.12
- ④ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 1 1/2" TO 2 1/2"
- ⑥ PROPOSED HMA SURFACE REMOVAL OVER GUTTER FLAG, 1"
- ⑦ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1"
- ⑧ PROPOSED HMA SURFACE COURSE, MIX 'D', N70, 1 1/2"

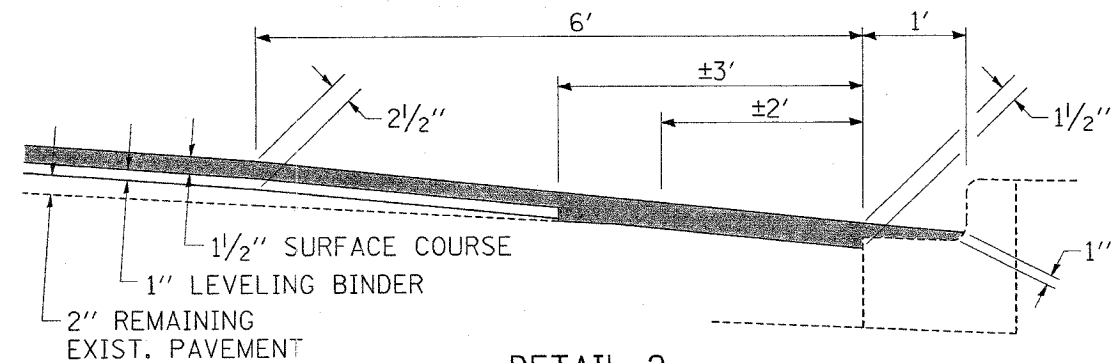


IL. RTE. 31
PROPOSED TYPICAL CROSS SECTION
 STA. 6+25 TO STA. 10+00

** THE EXACT LOCATIONS OF CURB & GUTTER REMOVAL & REPLACEMENT WILL BE DETERMINED BY R.E. IN THE FIELD.



DETAIL 1
 NOT TO SCALE



DETAIL 2
 NOT TO SCALE

MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	DESIGN AIR VOIDS	REMARKS
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, (IL-9.5 mm)	PG 64-22	4% @ 70 GYR.	
LEVELING BINDER MACHINE METHOD, N70, (IL-9.5 mm)	PG 58-22	4% @ 70 GYR.	
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 mm)	PG 64-22/58-22 *	4% @ 70 GYR.	
CLASS "D" PATCHES (HMA BINDER, IL-19 mm)	PG 64-22/58-22 *	4% @ 70 GYR.	

NOTE:

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. ROUTE 31
 EXISTING & PROPOSED
 TYPICAL CROSS SECTIONS**

SCALE: VERT. NONE
 HORIZ. DATE 4/12/2007

DRAWN BY
 CHECKED BY