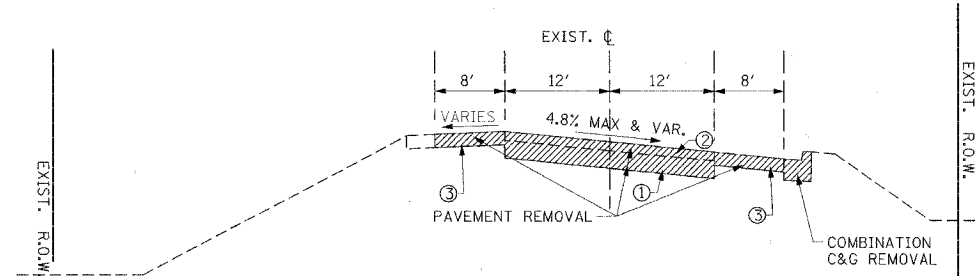
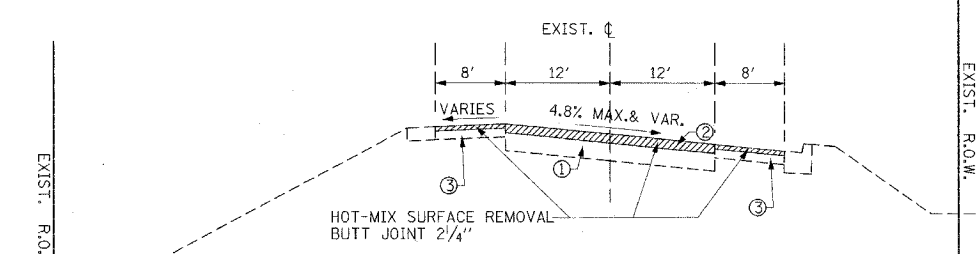


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-06-BR	KANE	55	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 83923



**EXISTING TYPICAL SECTION**  
STA. 112+42.8 TO 114+87.7



**EXISTING TYPICAL SECTION**  
STA. 112+09.5 TO STA. 112+42.8  
STA. 114+87.7 TO STA. 115+02.4

REMOVAL

- LEGEND**
- ① EXISTING P.C.C. BASE 9"
  - ② EXISTING HMA OVERLAY 3"
  - ③ EXISTING HMA SHOULDER 8"

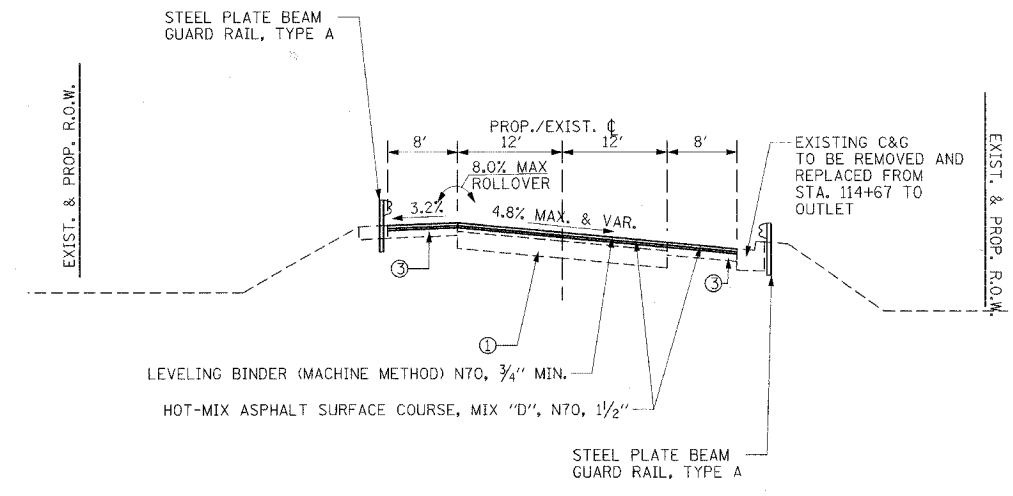
POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO COMPENSATION WILL BE DUE THE CONTRACTOR.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm)	PG64-22	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD) N70, (3/4" MIN. 2 1/4" MAX), (IL-9.5mm)	PG64-22/ 58-22*	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 142 LBS/SQ YD/IN

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



**PROPOSED TYPICAL SECTION**  
**IL. RT. 31 OVER NEW STEARNS RD.**  
STA. 112+09.5 TO STA. 112+50.8  
STA. 114+79.4 TO STA. 115+02.4

**IL. RT. 31 BRIDGE AND APPROACHES OMISSION**  
STA. 112+50.8 TO STA. 114+79.4  
(SEE SHEET 18)

		100 SOUTH WACKER DR. STE 500 TEL (312) 939-1000 CHICAGO, IL 60606 FAX (312) 939-4198	
		IL ROUTE 31 BRIDGE OVER NEW STEARNS ROAD EXISTING & PROPOSED TYPICAL SECTIONS	
REVISIONS NAME      DATE		SCALE: DATE 2/12/2007	
DRAWN BY: AMK CHECKED BY: DDL			