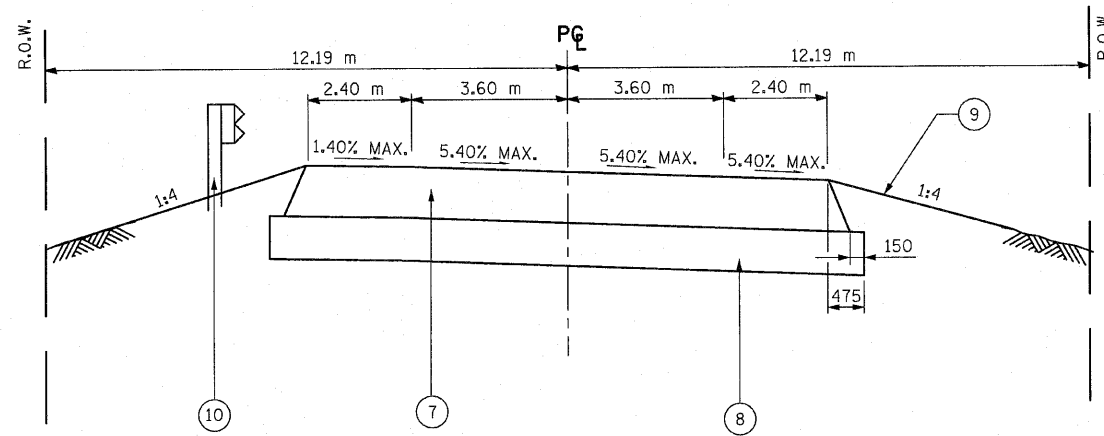


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	134(B&B-2)R-1	LAKE	137	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62037



**TYPICAL SECTION LEGEND**

- ⑦ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 320mm INCLUDES:  
 PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 50mm  
 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 270mm (IN 3 LIFTS)
- ⑧ PROPOSED AGGREGATE SUBGRADE, 300mm
- ⑨ PROPOSED TOPSOIL FURNISH AND PLACE, 100mm
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE B WITH TRAFFIC BARRIER TERMINAL, TYPE 6 CONNECTION TO BRIDGE AND TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) WITH TERMINAL MARKERS AT END. SEE PLAN AND PROFILE SHEET FOR LOCATIONS.

IL ROUTE 173 OVER EAST BOAT CHANNEL  
 STA. 26+096 TO STA. 26+250.541  
 STA. 26+294.164 TO STA. 26+400  
 BRIDGE OMISSION: STA. 26+250.541 TO STA. 26+294.164

SUPERELEVATION TRANSITION		
A	NORMAL CROWN 1.5%	STA 26+141.468
B	0% OUTSIDE LANE 1.5%	STA 26+151.468
C	REMOVE CROWN 1.5% ACROSS	STA 26+161.468
D	PC 67% OF e 3.62% ACROSS	STA 26+178.468
E	BEGIN FULL SUPERELEVATION 5.4%	STA 26+191.468
FULL SUPER		
E	END FULL SUPERELEVATION 5.4%	STA 26+585.298
D	PT 67% OF e 3.62% ACROSS	STA 26+598.298
C	REMOVE CROWN 1.5% ACROSS	STA 26+615.298
B	0% OUTSIDE LANE 1.5%	STA 26+625.298
A	NORMAL CROWN 1.5%	STA 26+635.298

STRUCTURAL PAVEMENT DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV = 12,916	SU = 1,368 MU = 912
ROAD/STREE CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50	S = 50 M = 50
TRAFFIC FACTOR:	
ACTUAL TF = 5.07	AC TYPE = 20 MINIMUM TF = 3.81
PG GRADE:	
BINDER = 64-22/58-22	SURFACE = 64-22
SUBGRADE SUPPORTING RATING:	
SSR = POOR (STA. 25+000 TO 26+530)	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL ROUTE 173 OVER EAST BOAT CHANNEL  
**TYPICAL SECTIONS PROPOSED**  
 SCALE: NTS  
 DRAWN BY: CLG  
 DATE: 3-8-10  
 CHECKED BY: JJD



3116 TYP2.DCN