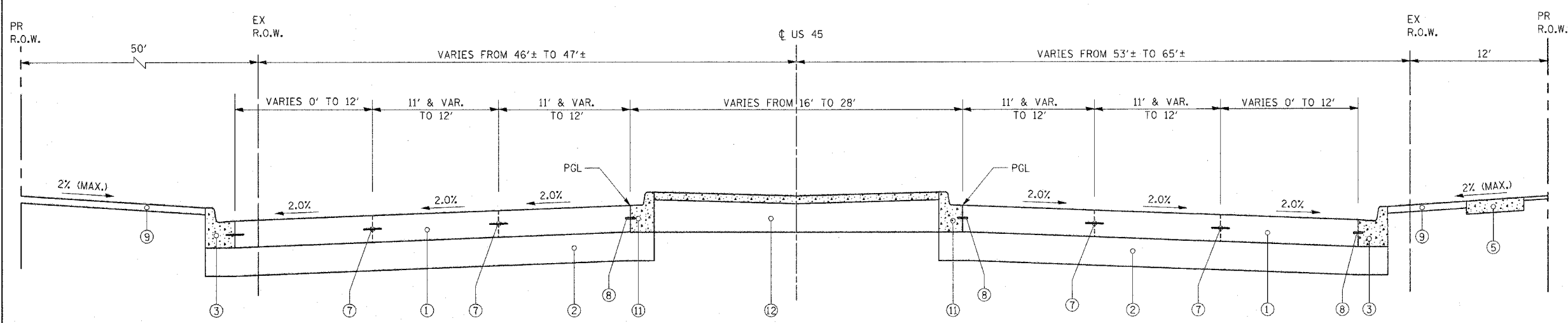
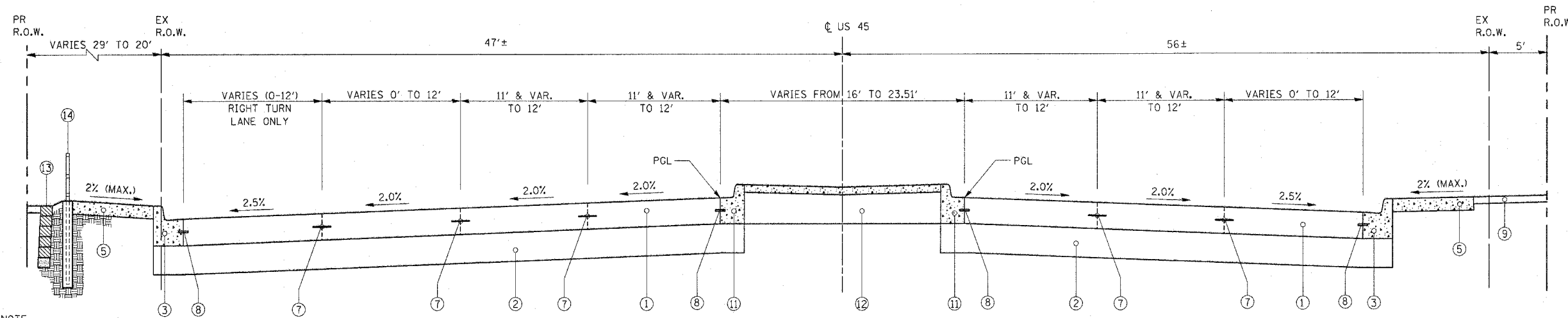


F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351 537 R-1	COOK	245	16
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT	
CONTRACT # 62880			



**PROPOSED TYPICAL CROSS SECTION**  
**STA. 158+58.28 TO STA. 163+53.28**



**NOTE:**  
 MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL AND STEEL RAILING FROM STA. 178+86.26 TO STA. 181+53.78

**PROPOSED TYPICAL CROSS SECTION**  
**STA. 178+86.26 TO STA. 183+50.00**

•• 10' TRANSITION FROM B-6.18 C.&G. TO M-2.12 C.&G. AS SHOWN ON SHEET PF-3

- PROPOSED LEGEND**
- ① PORTLAND CEMENT PAVEMENT (JOINTED), 10"
  - ② AGGREGATE SUBGRADE, 12"
  - ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
  - ④ LANDSCAPING (SEE LANDSCAPING PLANS FOR DETAILS)
  - ⑤ PORTLAND CONCRETE CEMENT SIDEWALK, 5"
  - ⑥ NOT USED
  - ⑦ LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, No. 6 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
  - ⑧ No. 6 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
  - ⑨ TOPSOIL AND SEED (SALT TOLERANT, SEE LANDSCAPING SHEETS)
  - ⑩ CONCRETE MEDIAN, TYPE SB-6.18
  - ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
  - ⑫ CONCRETE MEDIAN, TYPE P
  - ⑬ MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL
  - ⑭ STEEL RAILING AND FOUNDATION

**BITUMINOUS MIXTURE DESIGN TABLE**

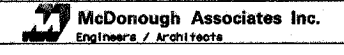
MIXTURE TYPE	UNIT	AC TYPE	MAX RAP %	AIR VOIDS	TYPICAL THICKNESS	MIX TYPE
•TEMPORARY PAVEMENT	SEE SUMMARY OF QUANTITIES	PG 64-22	15	4% @ 50 GYR	2"	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 BITUMINOUS BASE COURSE, SUPERPAVE
		PG 58-22	50	2% @ 50 GYR	8"	

• SEE SPECIAL PROVISIONS

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED AT LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS WILL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR. ALL UNDERCUTS SHALL EXTEND TO 12 INCH OUTSIDE OF PROPOSED PAVEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)  
**US RTE 45 (LAGRANGE ROAD)**  
**TYPICAL SECTIONS**  
 SCALE: N.T.S. DRAWN BY: JPW  
 DATE: 7-07-06 CHECKED BY: RCH



Rev. 11-1-06

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