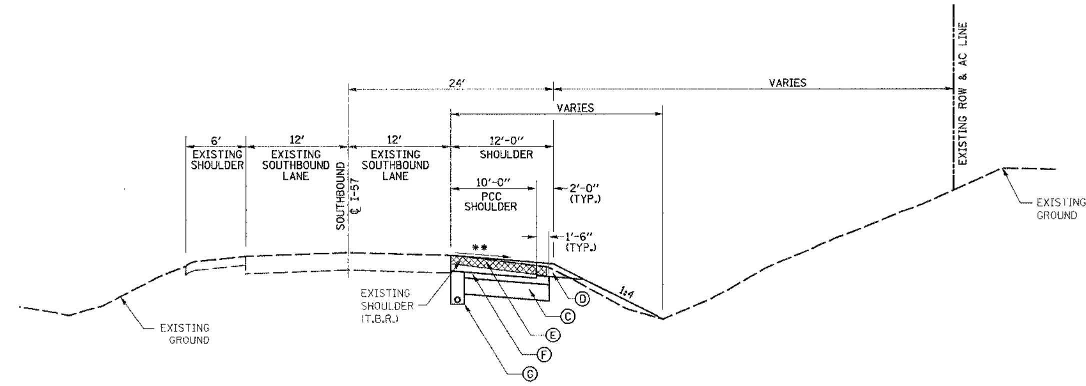
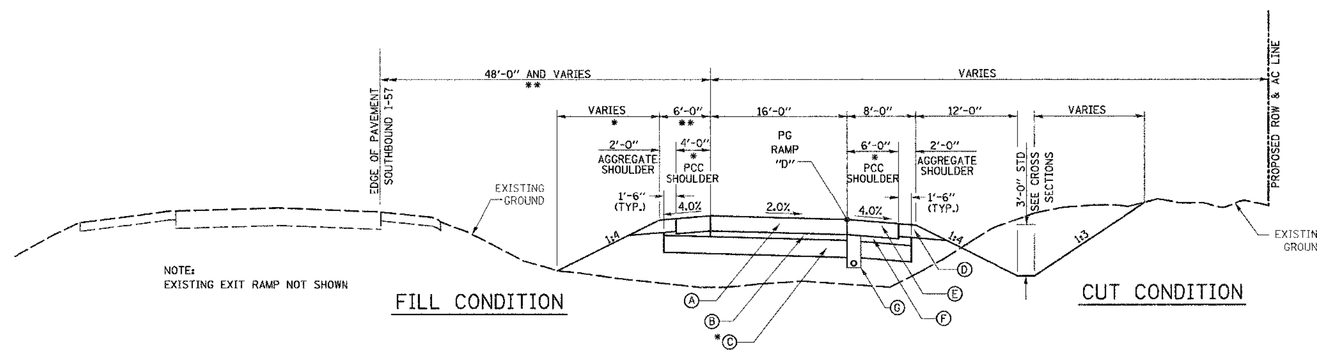
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	18A
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 98994



SOUTHBOUND I-57

STA 1475+00 TO STA 1480+50
(AT EXISTING RAMP "D" REMOVAL)

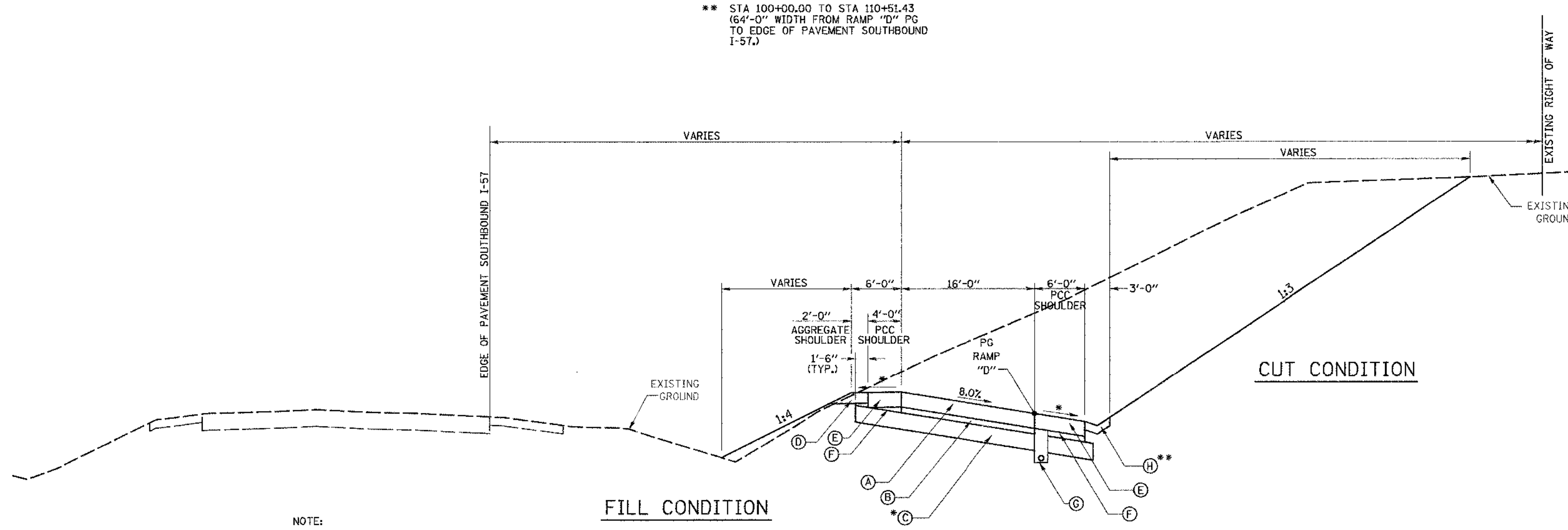


RAMP "D"- SECTION 1

STA 100+00.00 TO STA 110+51.43
STA 114+49.88 TO STA 126+83.65

* STA. 100+00.00 TO STA. 101+20.00 REFER TO SOUTHBOUND RAMP "H" TYPICAL SECTIONS AND CROSS SECTIONS FOR GORE SEPARATION AREA

** STA 100+00.00 TO STA 110+51.43 (64'-0" WIDTH FROM RAMP "D" PG TO EDGE OF PAVEMENT SOUTHBOUND I-57.)



RAMP "D" - SECTION 2

STA 110+51.43 TO STA 114+49.88
STA. 126+83.65 TO STA. 132+65.44

* 4% OR SE, WHICHEVER IS GREATER RT., VARIES 4% TO 0.5% LT.

** TYPE A GUTTER STA. 110+51.43 TO STA. 114+49.88

NOTE:

EXISTING PIPE UNDERDRAINS PARALLEL TO I-57 WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REMOVED AND RE-INSTALLED TO MATCH EXISTING CONDITION PRIOR TO RAMP CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST OF VARIOUS ITEMS OF WORK.

WHERE PROPOSED GRADING WILL INTERFERE WITH EXISTING PIPE UNDERDRAIN OUTLETS OR WHEN THEY ARE DISTURBED DURING CONSTRUCTION, THEY SHALL BE REMOVED AND RE-INSTALLED AND/OR EXTENDED TO "DAYLIGHT". THE EXISTING PRECAST HEADWALLS SHALL BE SALVAGED AND RESET. WORK SHALL BE PAID FOR AT UNIT PRICE OF VARIOUS ITEMS OF WORK.

LEGEND

- (A) PCC PAVEMENT, 9-3/4"
- (B) STABILIZED SUBBASE, 4"
- *(C) LIME MODIFIED SOIL, 12"
  SUBBASE GRANULAR MATERIAL, TYPE A, 12"
  STATION 25+00 TO STATION 33+00
- (D) AGGREGATE SHOULDER, TYPE B
- (E) PCC SHOULDER, 9-3/4"
- (F) SUBBASE GRANULAR MATERIAL, TYPE C, 4"
- (G) PIPE UNDERDRAINS, 4"
- (H) STEEL PLATE BEAM GUARDRAIL, TY A

STRUCTURAL DESIGN TRAFFIC: YEAR: 2020

PV = 5,179 SU = 248 MU = 83

ROAD CLASSIFICATION: CLASS: I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE

P = 100% S = 100% M = 100%

SUBGRADE SUPPORT RATING: FAIR

PAVEMENT DESIGN:

PCC PAVEMENT, 9-3/4"
STABILIZED SUBBASE, 4"
LIME MODIFIED OR GRANULAR SUBBASE, 12"
(VARIABLE LOCATIONS)

REVISIONS	
NAME	DATE

OPTION 2 – CONCRETE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - RAMP 'D'

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SCALE: NONE
DATE: 4-26-2007
DRAWN BY: DEH
CHECKED BY: RD

PLOT DATE = 4/26/2007
FILE NAME = P:\040600\dgn\040600typ01-alternate.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = dhoerner