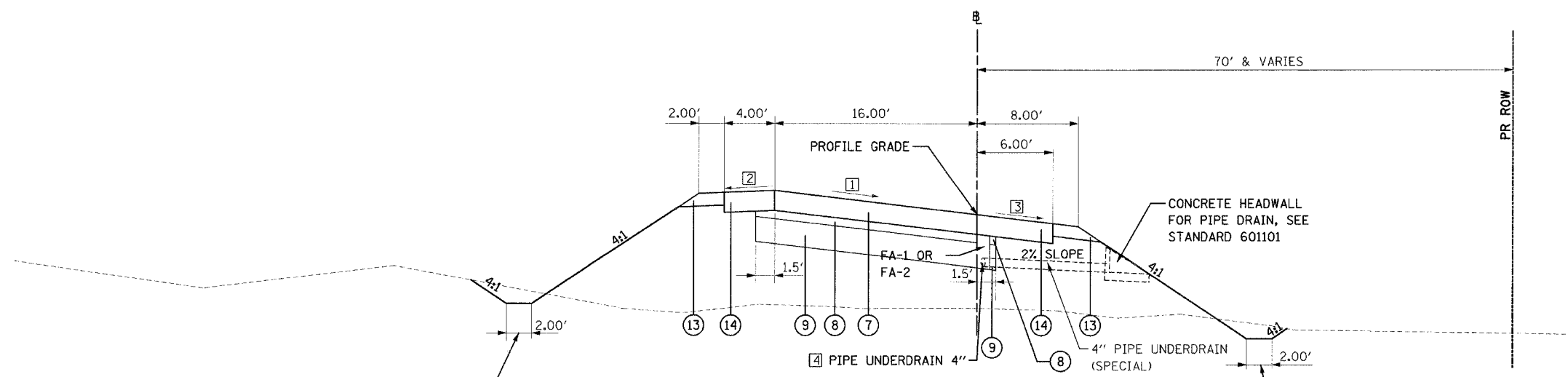


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT DESIGN INFORMATION
 INTERCHANGE RAMPS:
 DESIGN PERIOD = 20 YRS.
 DESIGN YEAR TRAFFIC = 1800 (YEAR 2025)
 P.V. = 1710, S.U. = 54, M.U. = 36
 SUBGRADE SUPPORT RATING = POOR

RAMP B : STA. 30+00.00 TO STA. 35+00.00,
 RAMP D : STA. 54+50.00 TO STA. 56+00.00
 SEE STATION CROSS SECTIONS FOR MORE INFORMATION.

INTERCHANGE RAMPS (C)
 RAMP A: (BEG. OF RAMP) STA. 10+00.00 TO STA. 26+19.23 (H)
 RAMP B: (H) STA. 28+08.61 TO STA. 48+83.34 (END OF RAMP)
 RAMP C: (BEG. OF RAMP) STA. 30+00.00 TO STA. 44+96.94 (H)
 RAMP D: (H) STA. 49+78.84 TO STA. 50+50.00 (I)
 (I) STA. 54+50.00 TO STA. 69+60.12 (END OF RAMP)

RAMP B: STA. 31+00.00 TO STA. 37+33.34
 USE 4' DITCH. SEE CROSS SECTIONS FOR MORE INFORMATION

- (1) EXISTING GROUND
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- (3) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- (4) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- (5) AGGREGATE BASE COURSE, TYPE A 10"
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (7) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- (8) AGGREGATE BASE COURSE, TYPE A 4"
- (9) PROCESSING LIME MODIFIED SOILS 12"
- (10) SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN (9))
- (11) BITUMINOUS SHOULDERS SUPERPAVE 8"
- (12) AGGREGATE SHOULDERS, TYPE A
- (13) AGGREGATE SHOULDERS, TYPE B 6"
- (14) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- (15) CONCRETE MEDIAN SURFACE, 4"
- (16) AGGREGATE BASE COURSE, TYPE B
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

(1) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = 6%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM 6% TO 0%
 RAMP B: STA. 28+08.61 TO STA. 29+99.48 = TRANSITION FROM 0% TO 6%
 STA. 29+99.48 TO STA. 36+03.34 = 6%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEET 60 AND 61
 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = 6%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM 6% TO 0%
 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = TRANSITION FROM 0% TO 2%
 STA. 54+50.00 TO STA. 56+80.12 = 6%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEETS 64 AND 65

(2) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = -2%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM -2% TO -4%
 RAMP B: STA. 28+08.61 TO STA. 29+99.48 = TRANSITION FROM -4% TO -2%
 STA. 29+99.48 TO STA. 36+03.34 = -2%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEETS 60 AND 61
 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = -2%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM -2% TO -4%
 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = TRANSITION FROM -4% TO -3.33%
 STA. 54+50.00 TO STA. 56+80.12 = -2%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEETS 64 AND 65

(3) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = -6%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM -6% TO -4%
 RAMP B: STA. 28+08.61 TO STA. 29+35.86 = -4%
 STA. 29+35.86 TO STA. 29+99.48 = TRANSITION FROM -4% TO -6%
 STA. 29+99.48 TO STA. 36+03.34 = -6%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEETS 60 AND 61
 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = -6%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM -6% TO -4%
 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = -4%
 STA. 54+50.00 TO STA. 56+80.12 = -6%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEET 64 AND 65

(4) RAMP A: STA. 10+00.00 TO STA. 26+19.23 = SEE STANDARD 601001
 RAMP B: STA. 28+08.61 TO STA. 48+83.34 = SEE STANDARD 601001
 RAMP C: STA. 30+00.00 TO STA. 44+96.94 = SEE STANDARD 601001
 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = SEE STANDARD 601001
 STA. 54+50.00 TO STA. 69+60.12 = SEE STANDARD 601001

NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 SEE HIGHWAY STANDARDS 420206, 420306 AND 601001 FOR MORE INFORMATION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 INTERCHANGE RAMPS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY SKM
 CHECKED BY JWM



07/13/2005
 I:\ST\JOBS\97\202080\Civil\Sheet\5-51ty.pdf
 SKM 12/26/03
 SKM 12/26/03
 JWM 07/05/04