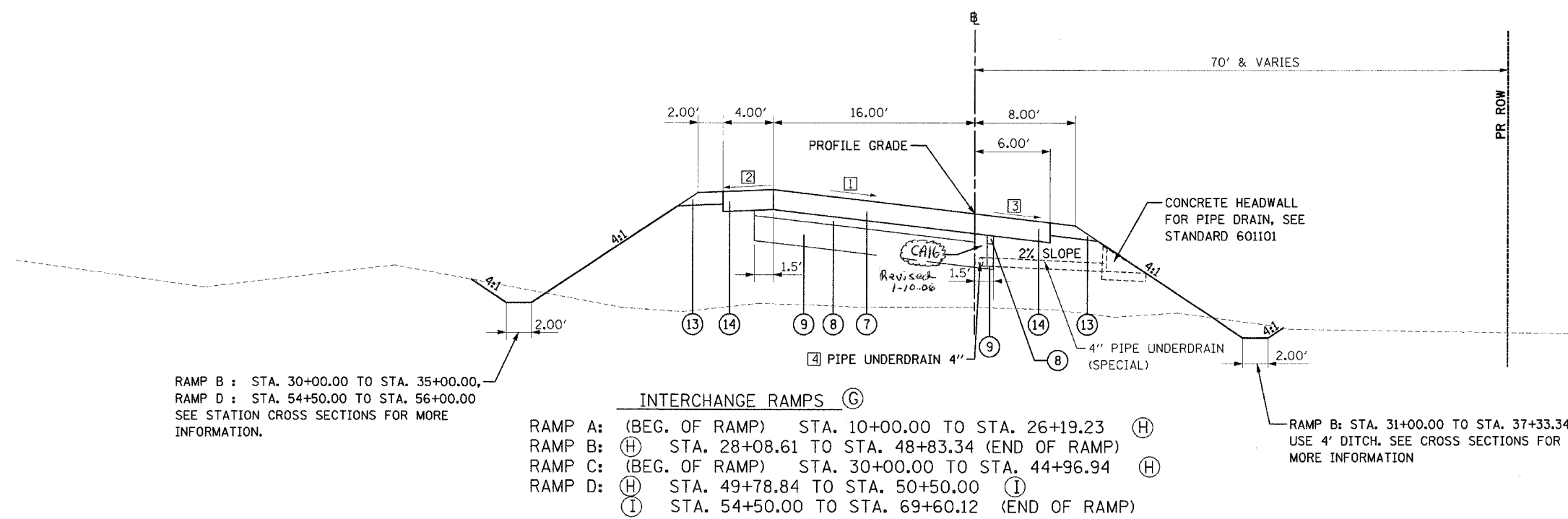


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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 RAMP (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

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

- 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 RAMP  
 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  
 P:\ST\JOBS\97-2028\B\Civil\Sheet\g-51\typ.dgn  
 LAYOUT SKM 12/26/03  
 DRAWN SKM 12/26/03  
 RECHECKED JWM 01/05/04