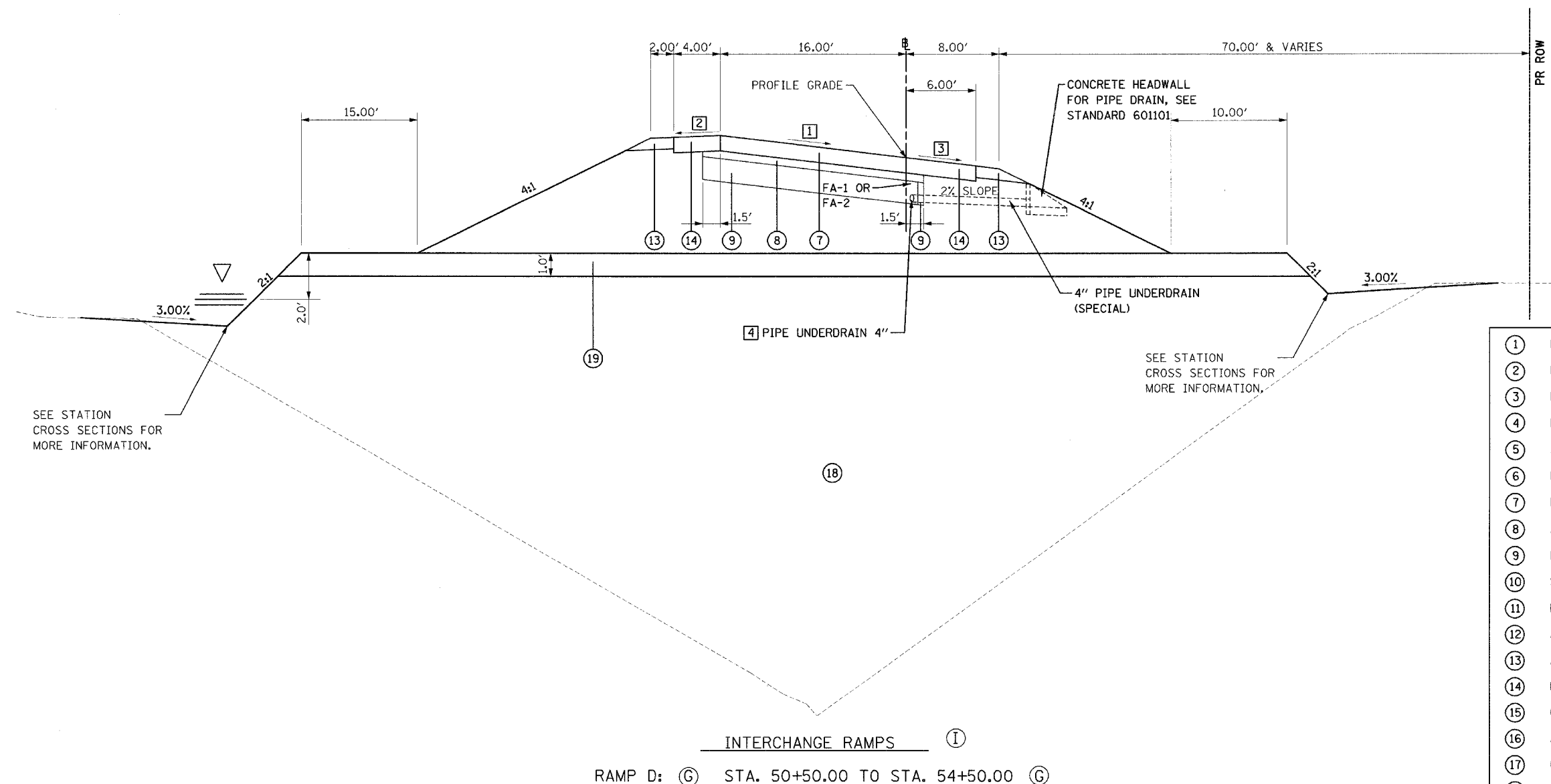


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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
- ⑱ ROCK FILL CORE
- ⑲ ROCK FILL CAP

INTERCHANGE RAMP ①
 RAMP D: ⑥ STA. 50+50.00 TO STA. 54+50.00 ⑥

- ① RAMP D - STA. 50+50.00 TO STA. 51+91.99 = TRANSITION FROM 2% TO 6%
 STA. 51+91.99 TO STA. 54+50.00 = 6%
- ② RAMP D - STA. 50+50.00 TO STA. 51+91.99 = TRANSITION FROM -3.33% TO -2%
 STA. 51+91.99 TO STA. 54+50.00 = -2%
- ③ RAMP D - STA. 50+50.00 TO STA. 51+20.94 = -4%
 STA. 51+20.94 TO STA. 51+91.99 = TRANSITION FROM -4% TO -6%
 STA. 51+91.99 TO STA. 54+50.00 = -6%
- ④ RAMP D - STA. 50+50.00 TO STA. 54+50.00 = SEE STANDARD 601001

- NOTES :
- 1 SEE CROSS SECTIONS FOR ROCKFILL ELEVATIONS, AND MORE DETAILED INFORMATION.
 - 2 SEE HIGHWAY STANDARDS 420206 AND 420306 FOR MORE INFORMATION.
 - 3 LOCATE TOP OF ROCKFILL CAP 2' ABOVE WATER LINE.

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



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07/13/2005
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 SKM 12/26/03
 SKM 12/26/03
 JWM 01/05/04
 LAYOUT
 DRAWN
 REVIEWED