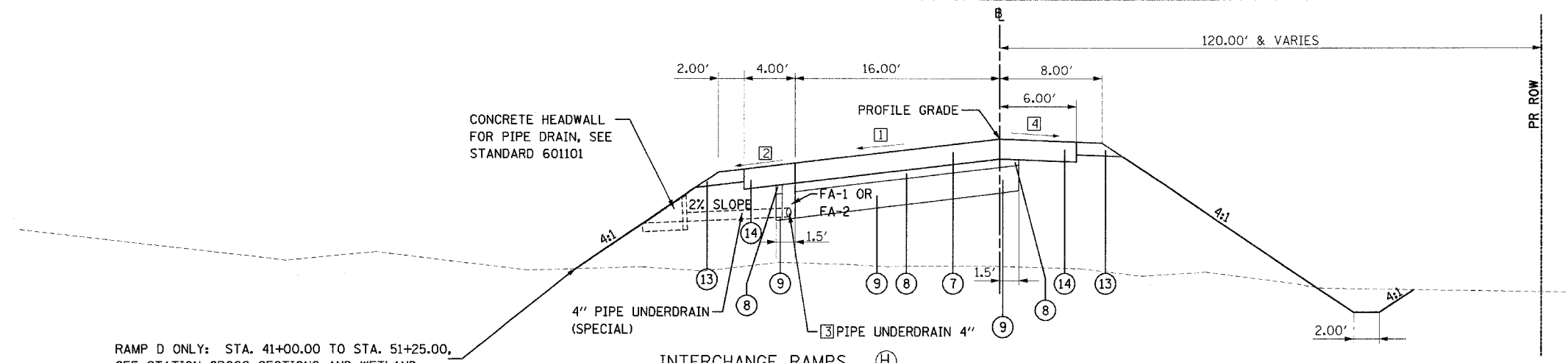


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	228	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



RAMP D ONLY: STA. 41+00.00 TO STA. 51+25.00, SEE STATION CROSS SECTIONS AND WETLAND PLAN FOR MORE INFORMATION.

INTERCHANGE RAMPS (H)
 RAMP A: (G) STA. 26+19.23 TO STA. 35+91.10 (END OF RAMP)
 RAMP B: (BEG. OF RAMP) STA. 20+00.00 TO STA. 28+08.61 (G)
 RAMP C: (G) STA. 44+96.94 TO STA. 56+13.93 (END OF RAMP)
 RAMP D: (BEG. OF RAMP) STA. 40+00.00 TO STA. 49+78.84 (G)

- 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. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM 0% TO -6%
 STA. 28+49.25 TO STA. 32+72.55 = -6%
 STA. 32+72.55 TO STA. 34+52.55 = TRANSITION FROM -6% TO -1.5%
 STA. 34+52.55 TO STA. 34+68.10 = -1.5%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 21+83.73 = -1.5%
 STA. 21+83.73 TO STA. 23+63.73 = TRANSITION FROM -1.5% TO -6%
 STA. 23+63.73 TO STA. 26+17.73 = -6%
 STA. 26+17.73 TO STA. 28+08.61 = TRANSITION FROM -6% TO 0%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM 0% TO -6%
 STA. 47+19.65 TO STA. 52+95.97 = -6%
 STA. 52+95.97 TO STA. 54+75.97 = TRANSITION FROM -6% TO -1.5%
 STA. 54+75.97 TO STA. 54+91.05 = -1.5%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 43+53.15 = TRANSITION FROM -1.72% TO -6%
 STA. 43+53.15 TO STA. 47+65.68 = -6%
 STA. 47+65.68 TO STA. 49+78.84 = TRANSITION FROM -6% TO 0%

② RAMP A: STA. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM -4% TO -6%
 STA. 28+49.25 TO STA. 32+72.55 = -6%
 STA. 32+72.55 TO STA. 33+52.55 = TRANSITION FROM -6% TO -4%
 STA. 33+52.55 TO STA. 34+68.10 = -4%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 22+83.73 = -4%
 STA. 22+83.73 TO STA. 23+63.73 = TRANSITION FROM -4% TO -6%
 STA. 23+63.73 TO STA. 26+17.73 = -6%
 STA. 26+17.73 TO STA. 26+81.36 = TRANSITION FROM -6% TO -4%
 STA. 26+81.36 TO STA. 28+08.61 = -4%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM -4% TO -6%
 STA. 47+19.65 TO STA. 52+95.97 = -6%
 STA. 52+95.97 TO STA. 53+75.97 = TRANSITION FROM -6% TO -4%
 STA. 53+75.97 TO STA. 54+91.05 = -4%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 42+73.15 = -4%
 STA. 42+73.15 TO STA. 43+53.15 = TRANSITION FROM -4% TO -6%
 STA. 43+53.15 TO STA. 47+65.68 = -6%
 STA. 47+65.68 TO STA. 48+36.73 = TRANSITION FROM -6% TO -4%
 STA. 48+36.73 TO STA. 49+78.84 = -4%

③ RAMP A: STA. 26+19.23 TO STA. 35+00.10 = SEE STANDARD 601001
 RAMP B: STA. 20+99.36 TO STA. 28+08.61 = SEE STANDARD 601001
 RAMP C: STA. 44+96.94 TO STA. 55+22.93 = SEE STANDARD 601001
 RAMP D: STA. 40+99.24 TO STA. 49+78.84 = SEE STANDARD 601001

④ RAMP A: STA. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM -4% TO -2%
 STA. 28+49.25 TO STA. 32+72.55 = -2%
 STA. 32+72.55 TO STA. 33+52.55 = TRANSITION FROM -2% TO -4%
 STA. 33+52.55 TO STA. 34+68.10 = -4%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 22+83.73 = -4%
 STA. 22+83.73 TO STA. 23+63.73 = TRANSITION FROM -4% TO -2%
 STA. 23+63.73 TO STA. 26+17.73 = -2%
 STA. 26+17.73 TO STA. 28+08.61 = TRANSITION FROM -2% TO -4%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM -4% TO -2%
 STA. 47+19.65 TO STA. 52+95.97 = -2%
 STA. 52+95.97 TO STA. 53+75.97 = TRANSITION FROM -2% TO -4%
 STA. 53+75.97 TO STA. 54+91.05 = -4%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 42+73.15 = -4%
 STA. 42+73.15 TO STA. 43+53.15 = TRANSITION FROM -4% TO -2%
 STA. 43+53.15 TO STA. 47+65.68 = -2%
 STA. 47+65.68 TO STA. 49+78.84 = TRANSITION FROM -2% TO -4%

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



LAYOUT SKM 12/26/03
 DRAWN SKM 12/26/03
 REVISIONS JMM 01/25/03
 07/13/2005
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