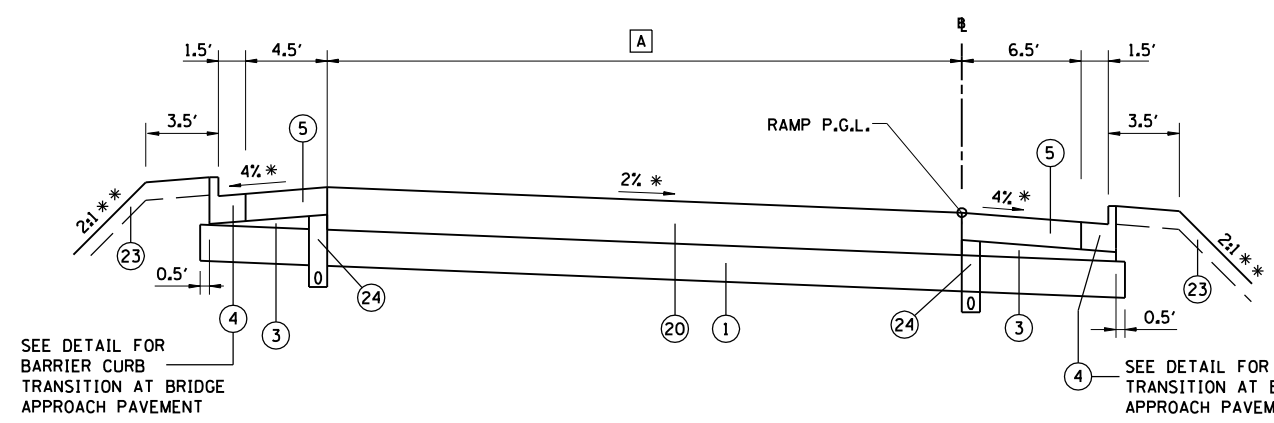


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



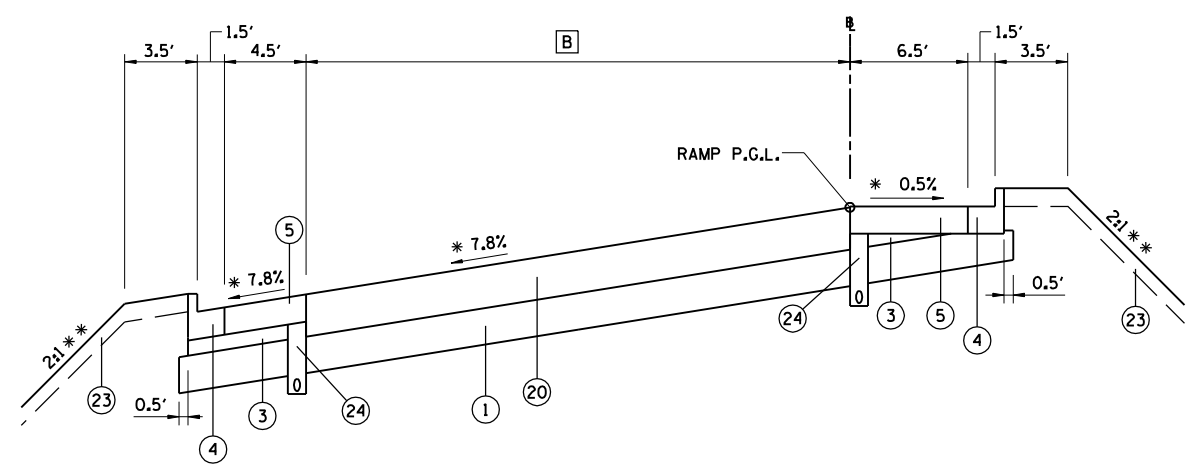
A STA 21+93.37 TO STA 22+50.00 = TAPER 36.84' TO 35.00'
 STA 22+50.00 TO STA 23+48.37 = TAPER 35.00' TO 33.03'
 STA 27+51.47 TO STA 32+00.00 = TAPER 24.97' TO 16.0'
 STA 32+00.00 TO STA 32+07.97 = 16.0'

RAMP B
 STA 21+93.37 (INTERSECTION OMISSION) TO STA 23+48.37 (PC)
 STA 27+51.47 (PT) TO STA 32+07.97 (BEGIN BRIDGE OMISSION)

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY. SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS. SEE EMBANKMENT TYPICAL SECTIONS SHEET.

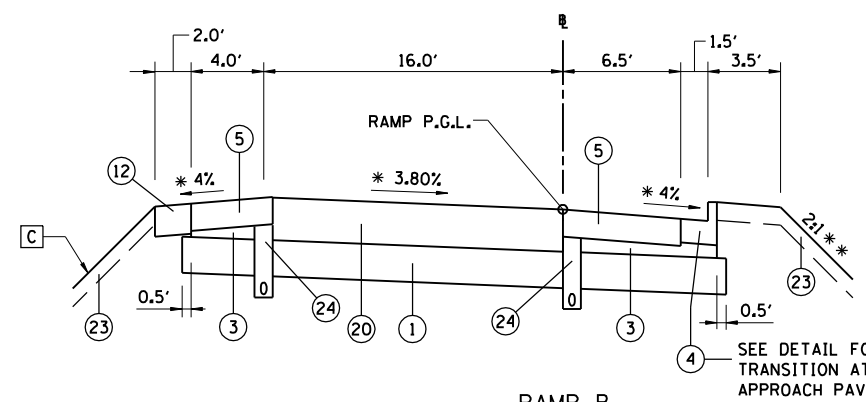
STRUCTURAL DESIGN TRAFFIC	YEAR 2013	
PV = 7647	SU = 242	MU = 161
ROAD/STREET CLASSIFICATION:	CLASS	
TRAFFIC FACTOR:	ACTUAL TF = 2.22	AC TYPE = 20
	MINIMUM TF = 4.74	
DESIGN STRAIN =	65 MICROSTRAIN	
SUBGRADE SUPPORT RATING:	POOR	

* SEE RAMP SUPERELEVATION TRANSITION DETAILS.
 ** PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.



B STA 23+48.37 TO STA 27+51.47 = TAPER 33.03' TO 24.97'

RAMP B
 STA 23+48.37 (PC) TO STA 27+51.47 (PT)



C STA 35+82.79 TO STA 37+00.00 = 6:1
 STA 37+00.00 TO STA 38+70.0 = SEE RAMP TERMINAL DETAIL & STATION X-SECTIONS

RAMP B
 STA 35+82.79 (END BRIDGE OMISSION) TO STA 38+70.00 (BEGIN PAVED GORE)

LEGEND

- 1 PROCESSING MODIFIED SOILS 12"
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- 3 SUBBASE GRANULAR MATERIAL, TYPE C
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
- 6 BITUMINOUS SHOULDERS SUPERPAVE 13"
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C 4"
- 11 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 12 AGGREGATE SHOULDERS, TYPE B 10"
- 13 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
- 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
- 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
- 16 SUBBASE GRANULAR MATERIAL, TYPE A
- 17 AGGREGATE SHOULDERS, TYPE B 4"
- 18 AGGREGATE BASE COURSE, TYPE A 6"
- 19 SAWING PAVEMENT (FULL DEPTH)
- 20 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 14"
- 21 BITUMINOUS CONCRETE SHOULDER REMOVAL
- 22 PAVEMENT REMOVAL
- 23 TOPSOIL PLACEMENT 6"
- 24 PIPE UNDERDRAIN STD 601001
- 25 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 26 SUBBASE GRANULAR MATERIAL, TYPE A 12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS RAMP B -1
 FAI-72, MACARTHUR BLVD
 SEC NO. 02-00382-02-PV
 SEC NO. (84-9-4)A,HBK,BY,BY-1
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DRAWN BY CLG
 HORIZ. CHECKED BY JAD
 DATE 12/16/2006



12/16/2006
 \$FILES
 LAYOUT CLG 08/05/06
 DRAWN CLG 08/05/06
 REVIEWED JAD/JMW 08/05/06