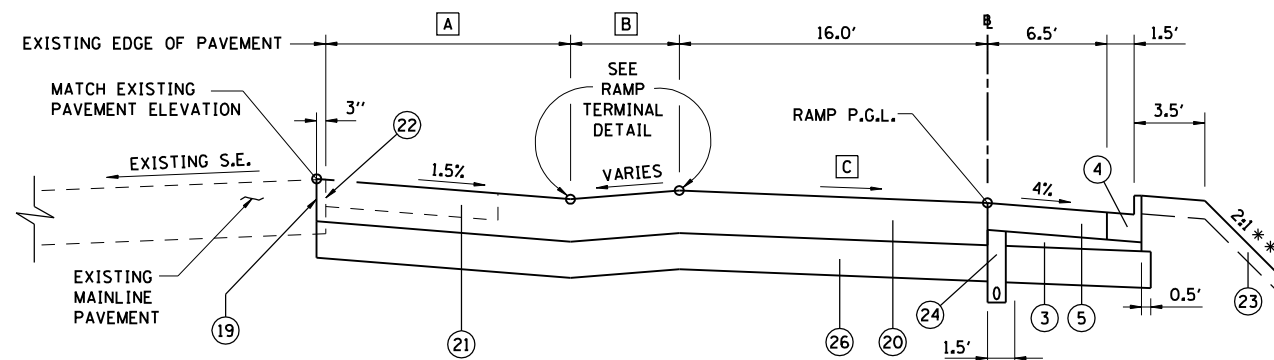
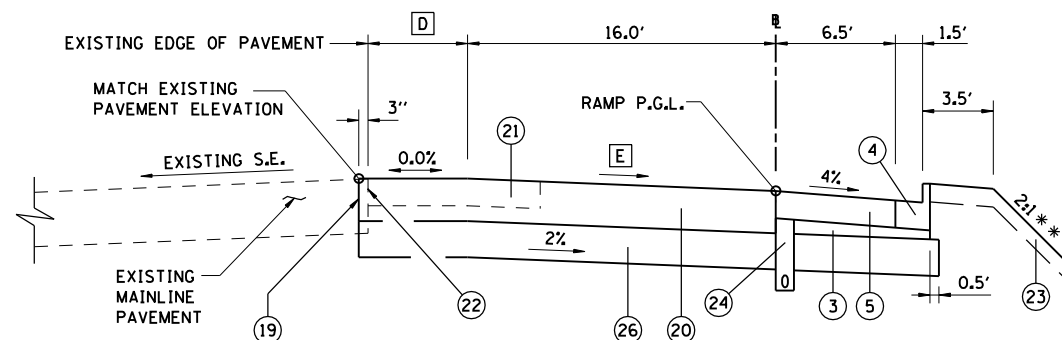


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



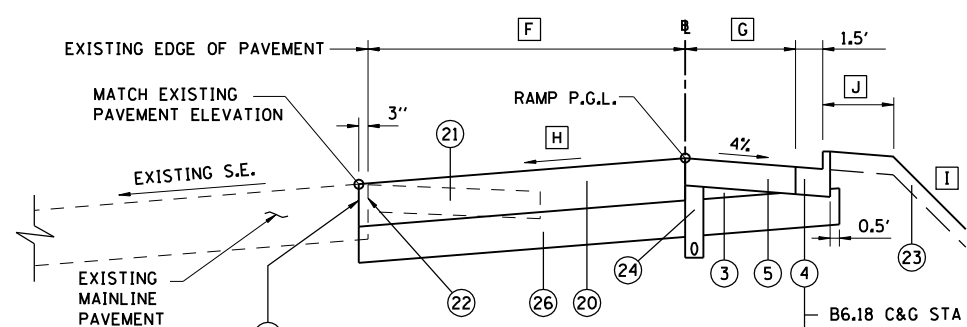
RAMP B
STA 38+70.00 (BEGIN PAVED GORE) TO STA 39+75.00 (END SWALE)

- A** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL
- B** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL
- C** STA 38+70.00 TO STA 39+75.00 = SEE RAMP TERMINAL DETAIL



RAMP B
STA 39+75.00 (END SWALE) TO STA 41+91.36

- D** STA 39+75.00 TO STA 41+91.36 = SEE RAMP TERMINAL DETAIL
- E** STA 39+75.00 TO STA 41+91.36 = SEE RAMP TERMINAL DETAIL



RAMP B
STA 41+91.36 TO STA 50+41.36

B6.18 C&G STA 41+91.36 TO STA 42+65.25
 STA 42+65.25 TO STA 42+73.25
 TRANSITION B6.18 C&G TO B6.24 C&G
 STA 42+73.25 TO STA 43+00.00
 OUTLET TYPE 2 STD 606006, SEE ROADWAY DETAILS SHEET

STA 43+00.00 TO STA 43+16.00 TAPER 3' TO 2'
 STA 43+16.00 TO STA 48+91.36' = 2.0'
 STA 48+91.36 TO STA 49+91.36 TAPER 2.0' TO 0.0'
 STA 49+91.36 TO STA 50+41.36 = 0.0'

- F** STA 41+91.36 TO STA 50+41.36 = SEE RAMP TERMINAL DETAIL
- G** STA 41+91.36 TO STA 42+65.25 = 6.50'
 STA 42+65.25 TO STA 42+73.25 = TAPER 6.50' TO 6.00'
 STA 42+73.25 TO STA 48+91.36 = 6.00'
 STA 48+91.36 TO STA 50+41.36 = TAPER 6.00 TO 9.00'
- H** SEE RAMP TERMINAL DETAIL
- I** STA 41+91.36 TO STA 43+00.00 = 2:1 **
 STA 43+00.00 TO STA 45+00.00 = TRANSITION 2:1 TO 4:1
 STA 45+00.00 TO STA 50+41.36 = 4:1
- J** STA 41+91.36 TO STA 44+50.00 = 3.5'
 STA 44+50.00 TO STA 45+00.00 TAPER 3.5' TO 0.0'
 STA 45+00.00 TO STA 50+41.36 = 0.0'

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"

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS RAMP B -2
 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