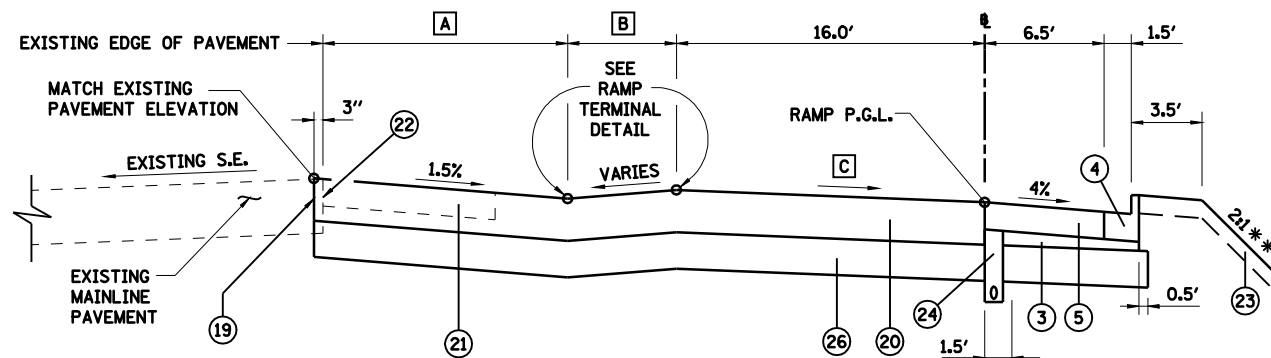
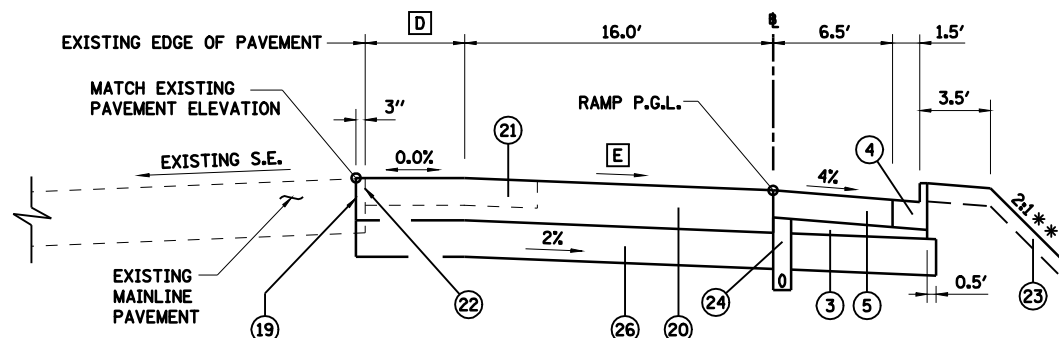


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9) RS-6; (G)Z *				



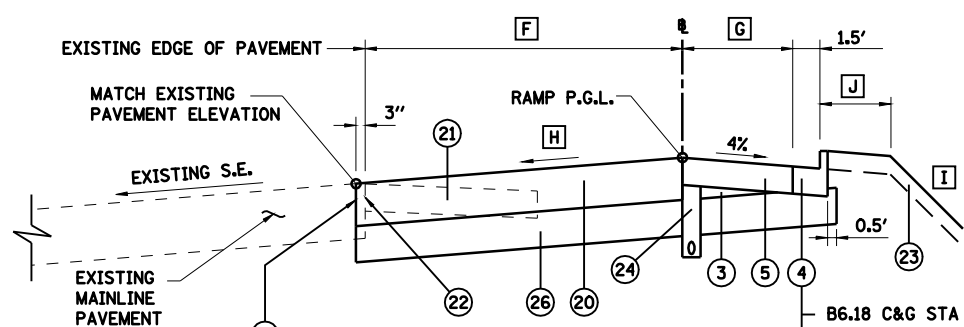
RAMP B
STA 38+70.00 (BEGIN PAVED GORE) TO STA 39+75.00 (END SWALE)

- 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 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 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 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"
- ⑭ NOT USED
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30
- 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 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 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"
- ㉗ CONCRETE MEDIAN, TYPE SB-6.12

NOTE: EMBANKMENT/SUBGRADE CONSTRUCTED IN THE PRIOR GRADING & STRUCTURES CONTRACT TO APPROXIMATELY 3" ABOVE PROPOSED BOTTOM OF PAVEMENT. SEE STATION CROSS SECTIONS.

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
SECTION
(84-9) RS-6; (G)Z
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DRAWN BY CLG
 HORIZ. CHECKED BY JAD
DATE Mar-20-2008 07:51:04AM



LAYOUT	CLG	09/17/07
DRAWN	CLG	09/17/07
REVIEWED	JMM	09/17/07