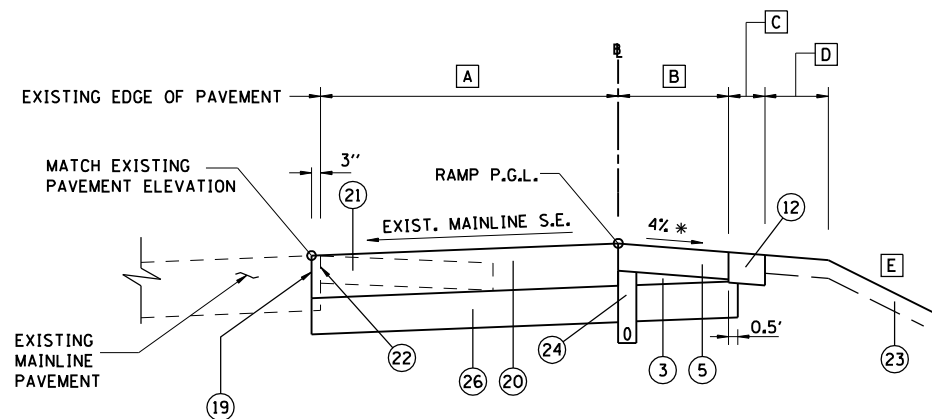


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



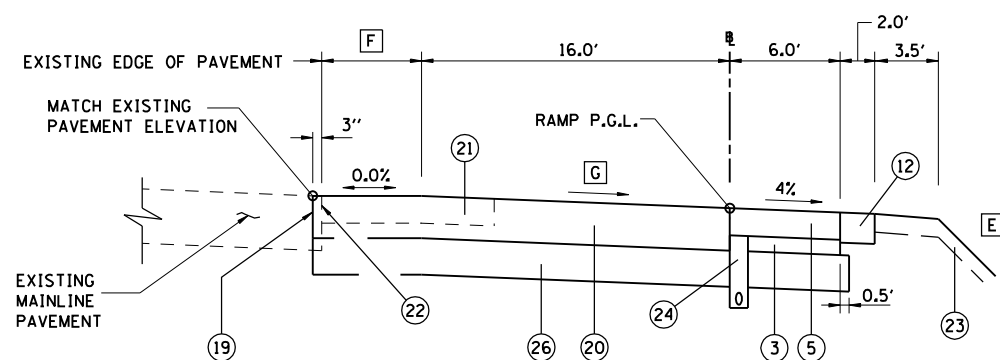
RAMP C  
STA 30+00.00 (BEGIN RAMP) TO STA 34+10.00

\* ADJUST TO MAINTAIN MAXIMUM BREAKOVER = 8%

- A STA 30+00.00 TO STA 34+10.00 = SEE RAMP TERMINAL DETAIL
- B STA 30+00.00 TO STA 30+76.88 = TAPER 9.00' TO 6.00'  
STA 30+76.88 TO STA 34+10.00 = 6.00'
- C STA 30+00.00 TO STA 30+25.63 = 0.00'  
STA 30+25.63 TO STA 30+76.88 = TAPER 0.00' TO 2.00'  
STA 30+76.88 TO STA 34+10.00 = 2.00'
- D STA 30+00.00 TO STA 31+00.00 = 0.0'  
STA 31+00.00 TO STA 31+25.00 = TAPER 0.00 TO 3.50'  
STA 31+25.00 TO STA 34+10.00 = 3.50'

LEGEND

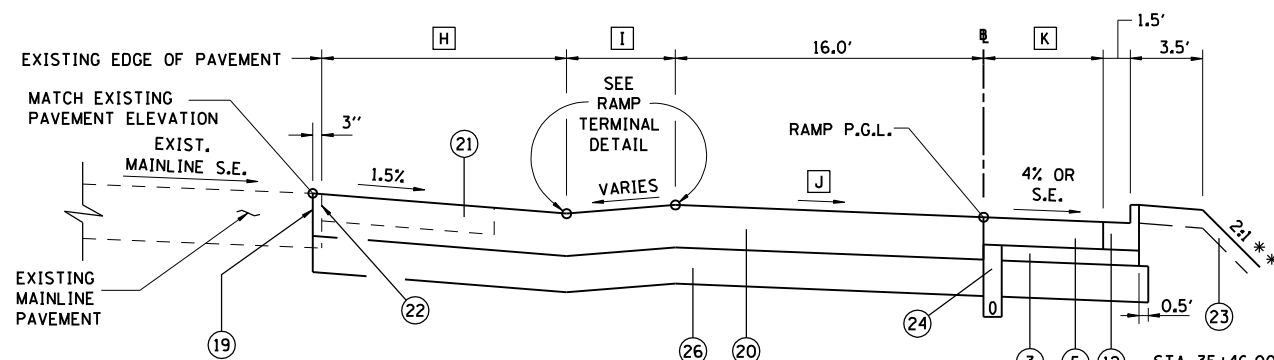
- ① PROCESSING MODIFIED SOILS 12"
- ② BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ BITUMINOUS SHOULDERS SUPERPAVE 9"
- ⑥ BITUMINOUS SHOULDERS SUPERPAVE 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, 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"



RAMP C  
STA 34+10.00 TO STA 35+46.00 (BEGIN SWALE)

- E STA 30+00.00 TO STA 33+00.00 = 4:1  
STA 33+00.00 TO STA 35+46.00 TRANSITION 4:1 TO 2:1
- F STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL
- G STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL

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



RAMP C  
STA 35+46.00 (BEGIN SWALE) TO STA 39+00.00 (GORE NOSE)

- H STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- I STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- J STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- K STA 35+46.00 TO STA 35+76.79 = 6.00'  
STA 35+76.79 TO STA 35+84.79 = TAPER 6.00' TO 6.5'  
STA 35+84.79 TO STA 39+00.00 = 6.5'

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. WIDEN EMBANKMENT ON RAMP C FROM STA 50+09.38 TO STA 52+19.38 AS SHOWN ON STATION CROSS SECTIONS, EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS SHEET.

\*\* STEEPENED SLOPE WITH BIAXIAL GEOGRID REINFORCEMENT BEGINS AT STA 38+50, SEE DETAIL & STATION CROSS SECTIONS

- ④ B6.18 C&G STA 35+84.79 TO STA 39+00.00
- ④ STA 35+50.00 TO STA 35+76.79 TYPE 2 OUTLET FOR CONC C&G B6.24 STD 606006, SEE ROADWAY DETAILS SHEET
- ④ STA 35+76.79 TO STA 35+84.79 TRANSITION B6.24 C&G TO B6.18 C&G

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP C -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. HORIZ.  
DATE: 12/16/2006  
DRAWN BY: CLG  
CHECKED BY: JAD