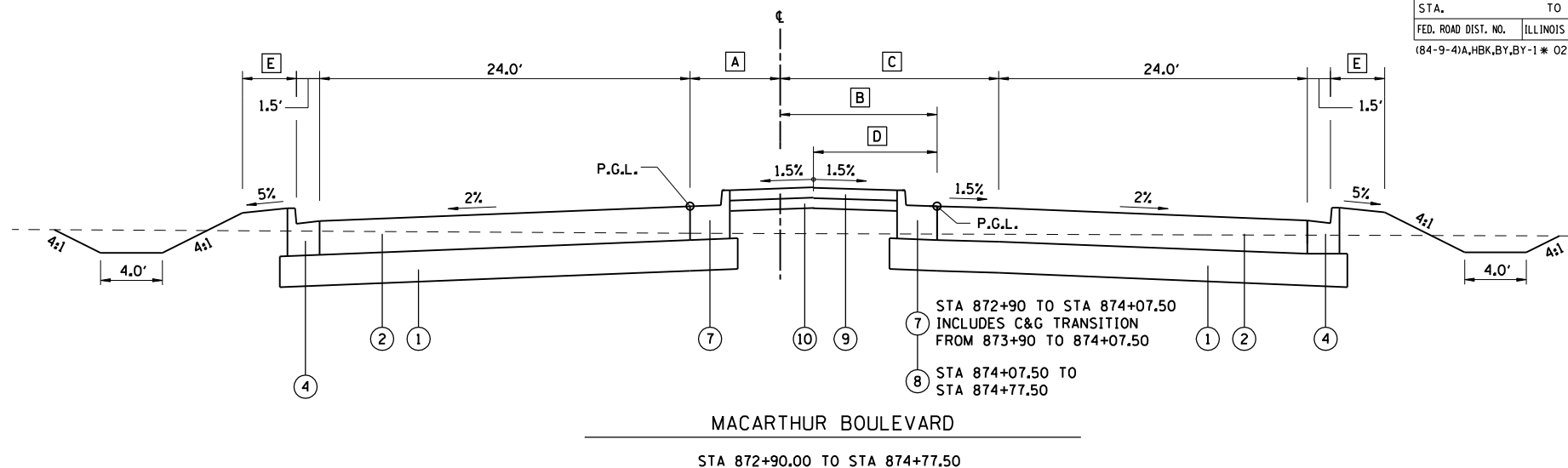


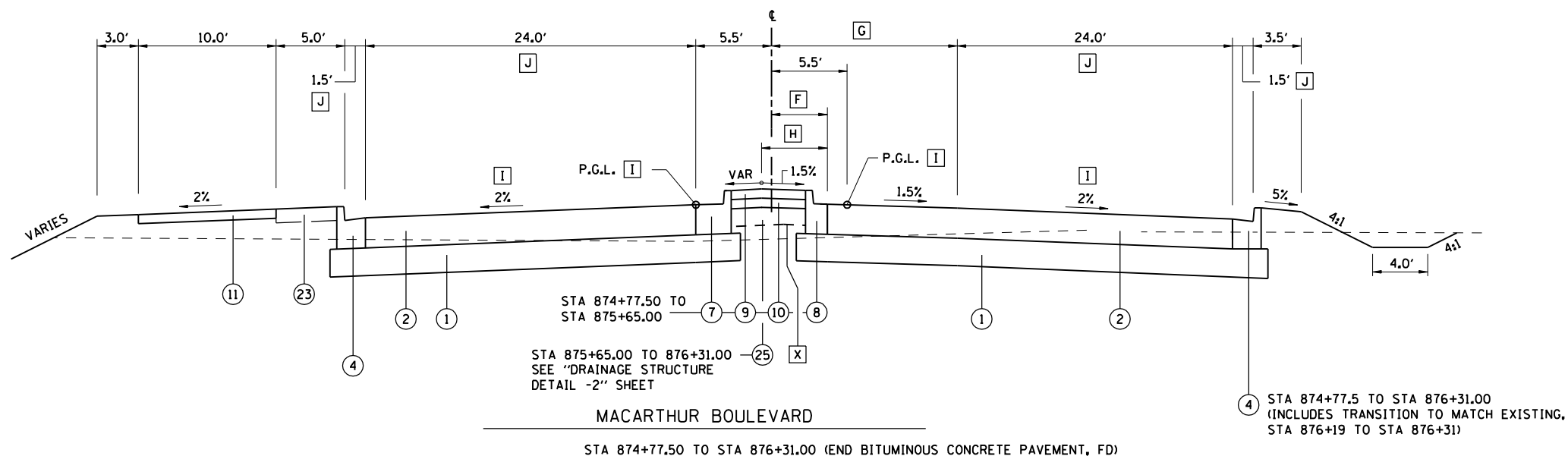
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	21
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV		

**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"



- A** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 5.5'  
STA 873+90.00 TO STA 874+77.50 = 5.5'
- B** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'  
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 5.5'
- C** STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'  
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 12.5'
- D** STA 872+90.00 TO STA 873+90.00 = TAPER 9.0' TO 8.0'  
STA 873+90.00 TO STA 874+77.50 = TAPER 8.0' TO 5.5'
- E** STA 872+90.00 TO STA 873+90.00 = TAPER 5.00' TO 3.50'  
STA 873+90.00 TO STA 874+50.00 = 3.50'  
STA 874+50.00 TO STA 874+77.50 = VARIES  
SEE INTERSECTION DETAIL MACARTHUR BLVD/ JUNCTION CIRCLE AND STATION X-SECTIONS



- F** STA 874+77.50 TO STA 875+65.00 = TAPER FROM 5.5' TO 0.5'  
STA 875+65.00 TO STA 876+31.00 = 0.5'
- G** STA 874+77.50 TO STA 875+65.0 TAPER FROM 12.5' TO 14.5'  
STA 875+65.0 TO STA 876+31.0 = 14.5'
- H** STA 874+77.5 TO 875+65.0 TAPER 5.5' TO 1.58'  
STA 875+65.0 TO STA 876+31.0 = 1.58'
- I** STA 876+00.00 TO STA 876+31.00 TRANSITION CROSS SLOPES AND PGL ELEVATION TO MATCH EXISTING PAVEMENT. (SEE INTERSECTION DETAIL)
- J** STA 876+00.0 TO 876+31.0 TRANSITION TO MATCH EXISTING PAVEMENT AND GUTTER WIDTH (SEE INTERSECTION DETAIL)

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

**NOTES:** PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.  
APPLY TYPICAL FILLSLOPE STEPPING DETAIL TO SIDESLOPE FILLS. SEE "BENCH & DITCH DETAILS" SHEET.  
STRIP TOP 1' OF TOPSOIL BENEATH EMBANKMENTS LESS THAN 5' HIGH AND STOCKPILE FOR USE SEE STATION CROSS SECTIONS.

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
MACARTHUR BOULEVARD -5  
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



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