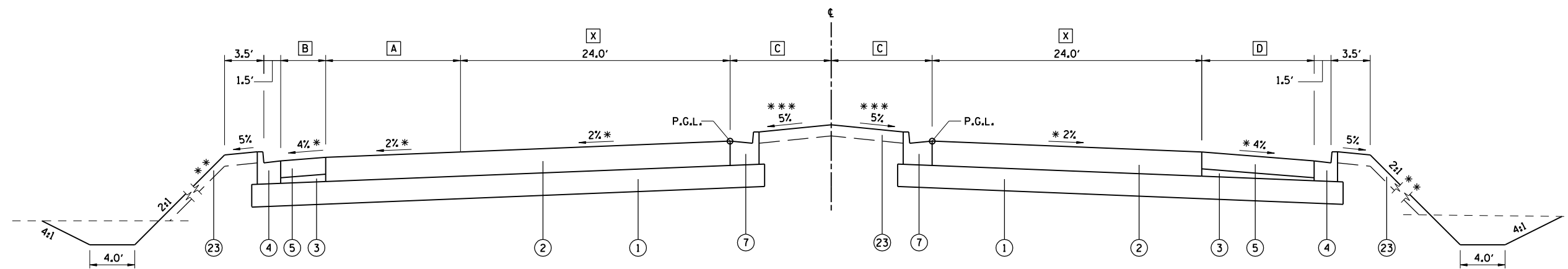


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

X FROM STA 803+50 TO 862+00 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.



- A STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 12.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT (STA 801+88.77)  
TO STA 801+90.99 = 12.0'  
801+90.99 TO 803+94.99 = TAPER 12.0' TO 0.00'
- B STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 4.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 803+94.99 = 10.0'
- C STA 798+08.49 TO STA 801+90.99 = TAPER 17.5' TO 9.0'  
STA 801+90.99 TO STA 803+94.99 = 9.0'
- D STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 10.0'  
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 803+05.00 = TAPER 15.15' TO 10.0'  
STA 803+05.00 TO STA 803+94.99 = 10.0'

MACARTHUR BOULEVARD  
 STA 798+08.49 (END RAMP C /RAMP D INTERSECTION OMISSION)  
 TO STA 803+94.99 (END TURN LANE TAPER)  
 BRIDGE OMISSION STA 799+24.78 TO STA 802+14.78

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

- \* TRANSITION FROM ROADWAY CROSS SLOPE TO BRIDGE CROSS SLOPE IN 40.00'
- \*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE.  
SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.
- \*\*\* TRANSITION TO PAVED MEDIAN CROSS SLOPE OR BRIDGE CROSS SLOPE IN 10.00'

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.

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

STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
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 -3  
 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