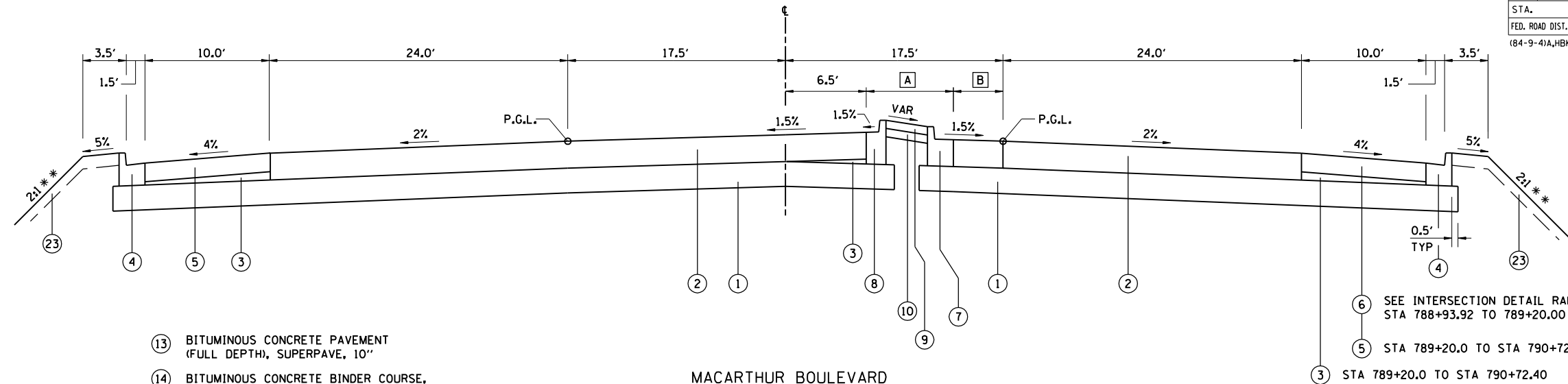


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				



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"

MACARTHUR BOULEVARD

STA 788+93.92 (END RAMP A /RAMP B INTERSECTION OMISSION) TO STA 790+72.40 (BEGIN TURN LANE)

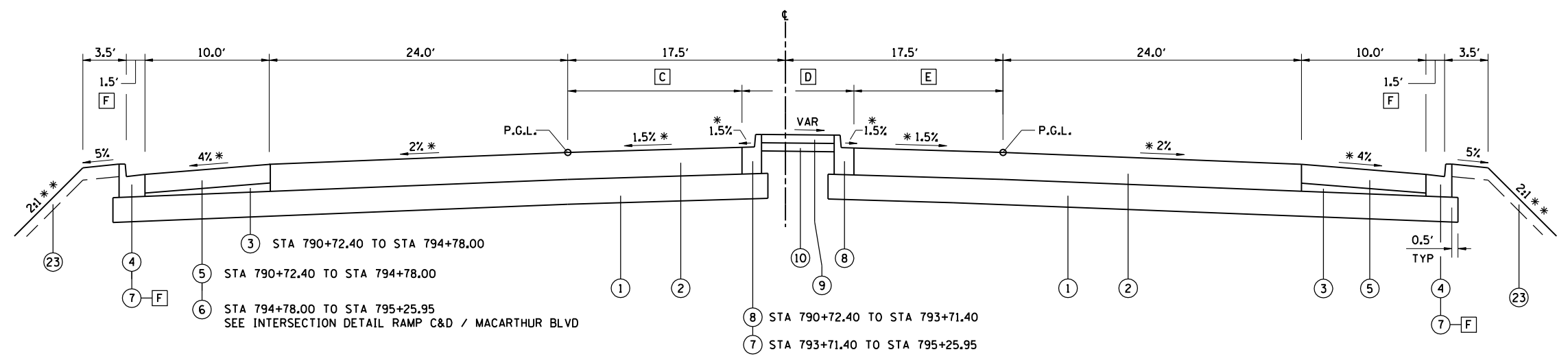
- A STA 788+93.92 TO STA 789+68.92 = 6.5' TO 11.0'
STA 789+68.92 TO STA 790+59.40 = 11.0'
STA 790+59.40 TO STA 790+72.40 = TAPER 11.0' TO 10.0'
- B STA 788+93.92 TO STA 789+68.92 = TAPER 4.5' TO 0.0'
STA 789+68.92 TO STA 790+59.40 = 0.0'
STA 790+59.40 TO STA 790+72.40 = TAPER 0.0' TO 1.0'

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.

- ⑥ SEE INTERSECTION DETAIL RAMP A&B / MACARTHUR BLVD STA 788+93.92 TO 789+20.00
- ⑤ STA 789+20.0 TO STA 790+72.40
- ③ STA 789+20.0 TO STA 790+72.40

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

* 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.



MACARTHUR BOULEVARD

STA 790+72.40 (BEGIN TURN LANE) TO STA 795+25.95 (BEGIN RAMP C /RAMP D INTERSECTION OMISSION) (BRIDGE OMISSION STA 791+36.64 TO STA 794+24.64)

- C STA 790+72.40 TO STA 793+84.40 = TAPER 24.0' TO 0.0'
STA 793+84.40 TO STA 793+96.68 = 0.0'
STA 793+96.68 TO STA 795+25.95 = VARIES
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- D STA 790+72.40 TO STA 792+15.40 = 10.0'
STA 792+15.40 TO STA 793+84.40 = 10.0' TO 23.0'
STA 793+84.40 TO STA 793+96.68 = 23.0'
STA 793+96.68 TO STA 795+25.95 = VARIES
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- E STA 790+72.40 TO STA 792+15.40 = 1.0' TO 12.0'
STA 792+15.40 TO STA 795+25.95 = 12.0'
- F TRANSITION GUTTER WIDTH OVER 10' TO ALIGN FACE OF CURB WITH FACE OF BRIDGE APPROACH PAVEMENT CURB. TRANSITION PAID FOR AS B-6.18 C&G

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
MACARTHUR BOULEVARD -2
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