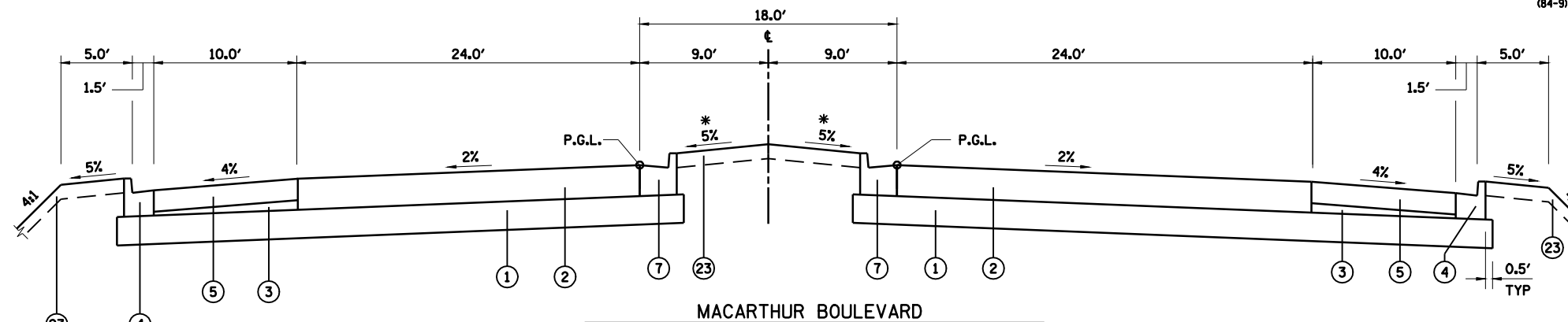


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9) RS-6; (G)Z *				

**LEGEND**

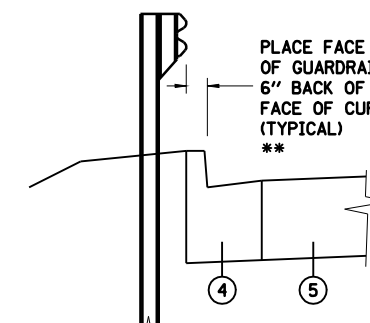
- ① PROCESSING MODIFIED SOILS 12"
- ② HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION 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



MACARTHUR BOULEVARD  
 STA 769+93.00 BEGIN IMPROVEMENT  
 STA 769+93.00 TO STA 771+43.35 RECREATION DRIVE INTERSECTION OMISSION  
 STA 771+43.35 (END RECREATION DRIVE INTERSECTION OMISSION) TO  
 STA 781+33.60 (BEGIN TURN LANE TAPER)

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

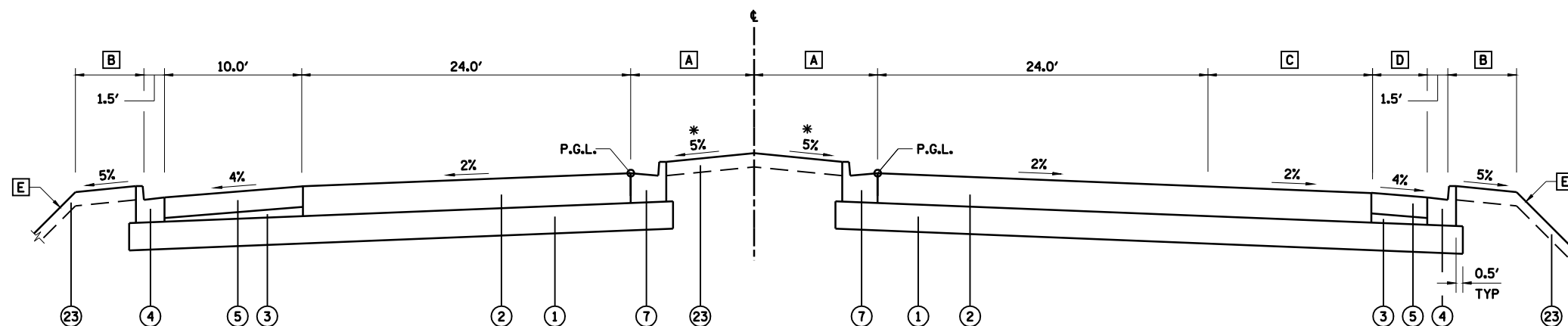
STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR



GUARDRAIL AT  
 MACARTHUR BOULEVARD

\*\* TRANSITION THE FACE OF TYPE A SPBGR FROM 6" BEHIND FACE OF CURB TO 3" IN FRONT OF FACE OF CURB AT THE CONNECTION TO THE TRAFFIC BARRIER TERMINAL ATTACHED TO THE BRIDGE PARAPET. THE TRANSITION SHALL TAKE PLACE IN A MINIMUM 2 POST SPACING (12.5').

\* TRANSITION TO PAVED MEDIAN CROSS SLOPE IN 10.00'



MACARTHUR BOULEVARD  
 STA 781+33.60 (BEGIN TURN LANE TAPER) TO  
 STA 785+73.80 (BEGIN RAMP A /RAMP B INTERSECTION OMISSION)  
 STA 785+73.80 TO STA 788+93.92 RAMP A /RAMP B INTERSECTION OMISSION

- A** STA 781+33.60 TO STA 781+91.30 = 9.0'  
 STA 781+91.30 TO STA 785+73.80 = TAPER 9.0' TO 17.5'
- B** STA 781+33.60 TO STA 783+00.00 = 5.0'  
 STA 783+00.00 TO STA 785+00.00 = TRANSITION 5.0' TO 3.5'  
 STA 785+00.00 TO STA 785+73.80 = 3.5'
- C** STA 781+33.60 TO STA 783+33.60 = TAPER 0.0' TO 12.0'  
 STA 783+33.60 TO STA 785+73.80 = 12.0'
- D** STA 781+33.60 TO STA 781+91.30 = TAPER 10.0' TO 6.54'  
 STA 781+91.30 TO STA 782+22.17 TAPER 6.54' TO 4.0'  
 STA 782+22.17 TO STA 785+73.80 = 4.0'
- E** STA 781+33.60 TO STA 783+00.00 = 4:1  
 STA 783+00.00 TO STA 785+00.00 = TRANSITION 4:1 TO 2:1  
 STA 785+00.00 TO STA 785+73.80 = 2:1  
 (PROVIDE BENCH WITH DITCH. SEE BENCH AND DITCH DETAILS SHEET AND STATION CROSS SECTIONS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 MACARTHUR BOULEVARD -1  
 SECTION  
 (84-9) RS-6; (G)Z  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: Apr-30-2008 01:45:08PM  
 DRAWN BY: CLG  
 CHECKED BY: JAD



APR-30-2008 01:45:08PM  
 \*FILE\*

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