

TYPICAL FAI 172 SECTION

(S.B. ONLY) STA 16+40.03 TO STA 19+51.14
 (S.B. ONLY) STA 48+29.62 TO STA 76+00.00
 STA 180+41.89 TO STA 189+53.12
 STA 214+20.86 TO STA 259+72.92
 STA 1+78.71 TO STA 154+56.99
 STA 33+06.18 TO STA 66+00.00

BRIDGE RESURFACING OMISSION:

- 1) STA 148+09.00 TO STA 151+40.50 (N.B. S.N. 001-0055)
- 2) STA 148+81.73 TO STA 152+13.23 (S.B. S.N. 001-0056)

EXISTING LEGEND

- (E1) EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 8"
- (E2) EXISTING REINFORCED PCC PAVEMENT, 8"
- (E3) EXISTING JOINTED REINFORCED PCC PAVEMENT, 8"
- (E4) EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- (E5) EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- (E6) EXISTING STABILIZED SHOULDER (HOT-MIX ASPHALT & AGGREGATE MIXTURE), 8"
- (E7) EXISTING HOT-MIX ASPHALT SHOULDERS, 9"

EXISTING LEGEND

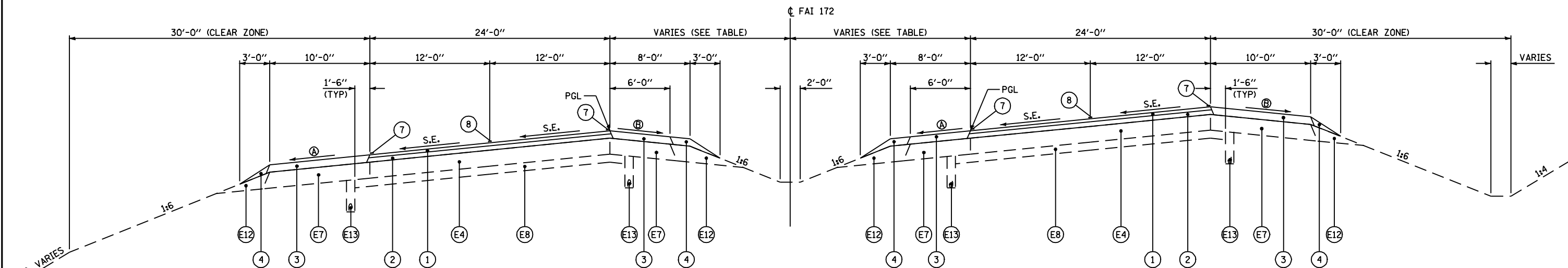
- (E8) EXISTING STABILIZED SUB-BASE, 4"
- (E9) EXISTING SUB-BASE GRANULAR MATERIAL (IN FILL SECTIONS ONLY), 4"
- (E10) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (E11) EXISTING ROCK SUBGRADE, 18" MINIMUM
- (E12) EXISTING AGGREGATE SHOULDERS
- (E13) EXISTING PIPE UNDERDRAINS
- (E14) EXISTING CONCRETE BARRIER
- (E15) EXISTING OIL AND CHIP SHOULDER, 9"

PROPOSED LEGEND

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2 1/4"
- (3) PROPOSED HOT-MIX ASPHALT SHOULDERS WITH RUMBLE STRIPS (STD 642001), 3 3/4"
- (4) PROPOSED AGGREGATE SHOULDERS TYPE B
- (5) PROPOSED SHOULDER REMOVAL
- (6) PROPOSED HOT-MIX ASPHALT SHOULDERS, VARIABLE DEPTH
- (7) PROPOSED URETHANE PAVEMENT MARKING, LINE 5" (SEE PLAN SHEETS)
- (8) PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B (INLAID), LINE 5" (SEE PLAN SHEETS)

MEDIAN WIDTHS

STATION TO STATION	WIDTH
0+00.20 91+16.15	54'
91+16.15 111+01.84	54' - 30'
111+01.84 147+74.17	30'
147+74.17 178+23.29	30' - 54'
178+23.29 285+95.95	54'
0+00.00 131+07.92	54'
131+07.92 144+00.00	54' - 88'
144+00.00 197+82.00	88'
30+87.58 79+00.00	88'



TYPICAL FAI 172 SUPERELEVATED SECTION

(S.B. ONLY) STA 19+51.14 TO STA 48+29.62 (S.E. = 6.0%)
 STA 177+60.00 TO STA 180+41.89 (S.E. = 6.0%)
 STA 189+53.12 TO STA 214+20.86 (S.E. = 4.2%)
 STA 259+72.92 TO STA 285+95.95 (S.E. = 5.2%)
 STA 0+00.00 TO STA 1+78.71 (S.E. = 5.2%)
 STA 154+56.99 TO STA 197+82.00 (S.E. = 6.0%)
 STA 30+87.58 TO STA 33+06.18 (S.E. = 6.0%)

BRIDGE RESURFACING OMISSION:

- 1) STA 178+99.00 TO STA 181+69.73 (S.B. S.N. 001-0062)
- 2) STA 179+87.31 TO STA 182+77.40 (N.B. S.N. 001-0063)

STATION EQUATIONS:
 STA 285+95.95 BK = STA 0+00.00 AH
 STA 197+82.00 BK = STA 30+87.58 AH

TYPICAL SUPERELEVATED SECTION NOTES:

- 1) SEE PLAN SHEETS FOR S.E. TRANSITION LOCATIONS.
- 2) SHOWN ABOVE IS FOR CURVES GOING TO THE LEFT, ADJUST ACCORDINGLY FOR CURVES GOING TO THE RIGHT.

SHOULDER SLOPE NOTES:

- (A) LOW SIDE OF S.E.: 4.0% OR S.E. WHICHEVER IS GREATER
- (B) HIGH SIDE OF S.E.: 4.0% OR 8.0% BREAKOVER WHICHEVER IS LESS.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\0182983\027-0672409-sh-t-Typ1co1a.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb-01-2010 09:34:30AM		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAI RTE 172 TYPICAL SECTIONS

SCALE: none SHEET NO. 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	1-(1,2,3,4,5)RS	ADAMS	165	27
CONTRACT NO. 72A09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				