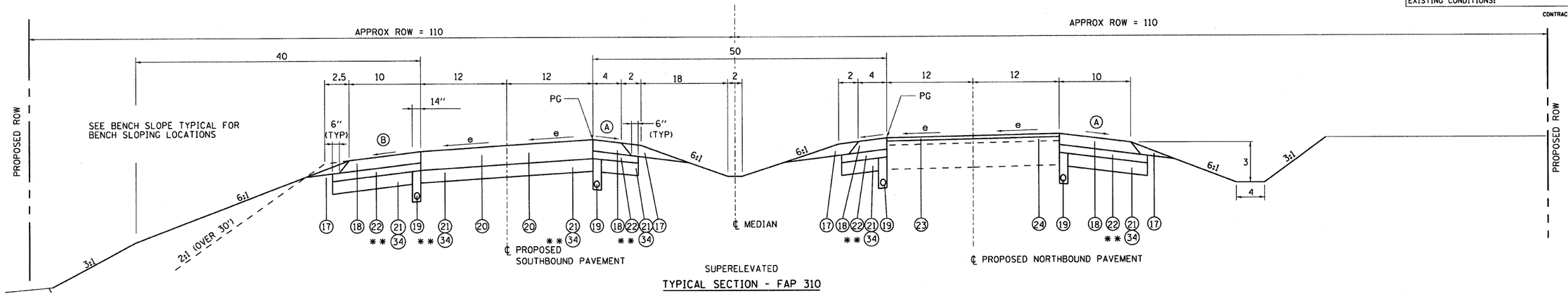
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
310	60-16-1&1B,42-1&1B	MADISON AND JERSEY	481	21
STA	TO STA			
EXISTING CONDITIONS:				

CONTRACT NO. 76318

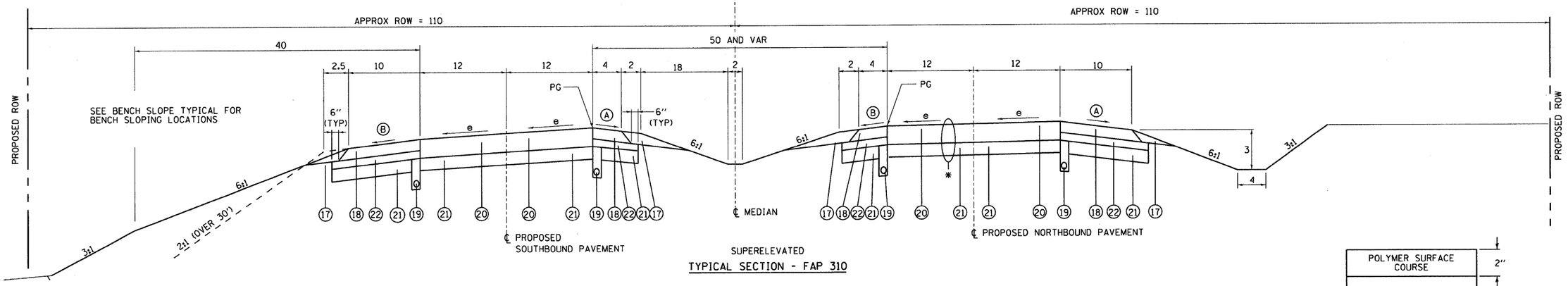


SUPERELEVATED

TYPICAL SECTION - FAP 310

STA 267+88.88 TO STA 278+43.76 (LOOKING NORTH) e= 0.030
STA 278+43.76 TO STA 280+56.94 (LOOKING NORTH) e= 0.030 TRANSITION OUT
** STA 270+70.00 TO STA 280+56.94

ALL UNITS ARE IN FEET
UNLESS OTHERWISE SHOWN

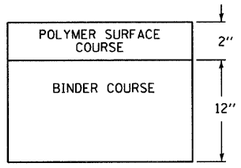


SUPERELEVATED

TYPICAL SECTION - FAP 310

STA 331+77.50 TO STA 333+90.75 (LOOKING SOUTH) e= 0.050 TRANSITION IN
STA 333+90.75 TO STA 337+00 (LOOKING SOUTH) e= 0.050
(END NB LANES STA 331+32.50)

NOTE:
SAW CUT AND REMOVE HMA WEDGE PRIOR TO INSTALLATION OF PIPE UNDERDRAINS, 4"



FULL DEPTH PAVEMENT DETAIL

MATERIAL LEGEND:

(17) AGGREGATE SHOULDERS, TYPE B
(18) HOT-MIX ASPHALT SHOULDERS, 8"
(19) PIPE UNDERDRAIN 4"
(20) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 14"
(21) LIME MODIFIED SOILS 12"
(22) SUBBASE GRANULAR MATERIAL, TYPE C 6"
(23) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1½"
(24) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 3½" AND VARIES IN SUPERELEVATED SECTIONS
(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 1½"
(26) LEVELING BINDER (MACHINE METHOD), N70, 1½"
(27) AGGREGATE BASE COURSE, TYPE B, 8"
(28) BITUMINOUS SURFACE TREATMENT, CLASS A-2
(29) AGGREGATE BASE COURSE, TYPE A, 10½"
(30) AGGREGATE BASE COURSE, TYPE A, 10¾"
(31) AGGREGATE BASE COURSE, TYPE A, 17"
(32) AGGREGATE SURFACE COURSE, TYPE A, 11"
(33) AGGREGATE SURFACE COURSE, TYPE A, 11½"
(34) SUBBASE GRANULAR MATERIAL TYPE B 12"
(35) STRIP REFLECTIVE CRACK CONTROL TREATMENT
(36) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12"
(37) AGGREGATE SURFACE COURSE, TYPE B, 6"
(38) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12"

(A) SLOPE IS LESSER OF 4% OR 8% MINUS THE SE RATE
(B) SLOPE IS THE GREATER OF 4% OR THE SE RATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

FAP ROUTE 310
SECTION 60-16-1&1B,42-1&1B
MADISON AND JERSEY COUNTIES

DRAWN BY: DLB CHECKED BY: GLF

PLAN		BY	DATE
	SURVEYED		
	PLOTTED		
	HIGHWAY CHECKED		
	RT. OF WAY CHECKED		
NOTE BOOK NO.	CADD FILE NAME		