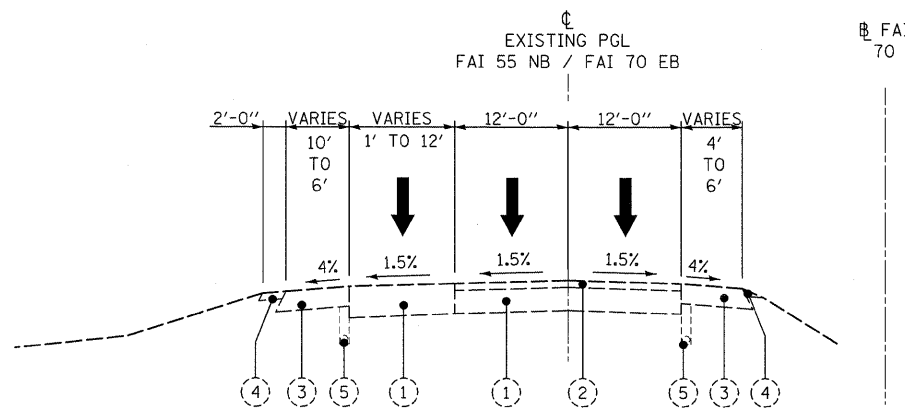


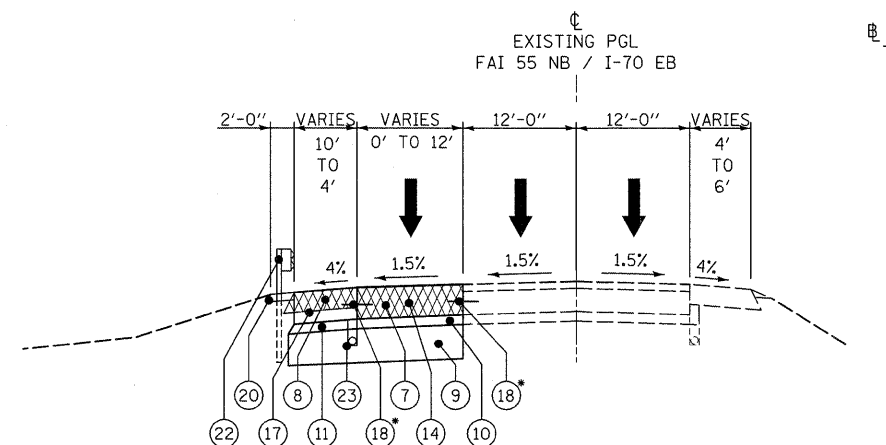
(A) SHOULDER SLOPE  
RANGE FROM 2% TO 6%  
DESIRABLE 4%

**I-55 TYPICAL SECTION TANGENT**

STA. 1263+18.00 TO STA. 1265+90.00 (NB LANES)  
STA. 1263+18.00 TO STA. 1271+50.00 (SB LANES)



**I-55 NB/I-70 EB  
EXISTING TYPICAL SECTION**  
STA 1317+06 TO STA 1334+44  
(LOOKING SOUTH)



**I-55 NB/I-70 EB  
PROPOSED TYPICAL SECTION**  
STA 1317+06 TO STA 1334+44  
(LOOKING SOUTH)

\*\*DRILL AND GROUT #6 TIE BARS @ 24" C.C.  
COST INCIDENTAL TO PCC PAVEMENT, 10-1/4" (JOINTED)

**LEGEND**

- |   |  |   |
|---|--|---|
| (1) EXISTING P.C.C. CONCRETE  | (9) PROPOSED LIME MODIFIED SOIL, 12"   | (17) PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4" |
| (2) EXISTING HMA SURFACE  | (10) STABILIZED SUB-BASE, 4"   | (18) TIE BARS   |
| (3) EXISTING HMA SHOULDERS  | (11) AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH   | (19) PROPOSED HOT-MIX ASPHALT SHOULDERS, 2"               |
| (4) EXISTING AGGREGATE SHOULDERS  | (12) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)  | (20) PROPOSED AGGREGATE SHOULDERS, TYPE A, 6"             |
| (5) EXISTING PIPE UNDERDRAIN  | (13) PROPOSED AGGREGATE (PRIME COAT)   | (21) PROPOSED AGGREGATE SHOULDERS, TYPE B                 |
| (6) EXISTING HIGH TENSION CABLE MEDIAN BARRIER & HOT-MIX ASPHALT SHOULDER, 4" (4' WIDE) | (14) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)                               | (22) PROPOSED GUARDRAIL (WHERE APPLICABLE)                |
| (7) PROPOSED PAVEMENT REMOVAL   | (15) PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE/SURFACE REMOVAL, IL-19.0, N90 - (2 1/4") | (23) PIPE UNDERDRAINS                                     |
| (8) PROPOSED SHOULDER REMOVAL   | (16) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 - (2")       |   |

STRUCTURAL PAVEMENT DESIGN INFORMATION				
<b>FAI ROUTE 70 (INTERSTATES 55/70)</b>				
STRUCTURAL DESIGN TRAFFIC:	6850	YEAR 2016		
PV =	4740	SU = 706	MU = 1404	
ROAD/STREET CLASSIFICATION:	INTERSTATE			
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:				
P =	100%	S =	100%	M = 100%
TRAFFIC FACTOR:	ACTUAL TF=21.60	AC TYPE=	N/A	
	MINIMUM TF= 11.17			
AC GRADE:	N/A	BINDER=N/A	SURFACE=N/A	
SUBGRADE SUPPORT RATING:	SSR = POOR			

LAST SAVED = 3/18/2011  
 PEN TABLE = VB.tbl  
 PLOT DRIVER = TR-Verox6204-To-File.plt

FILE NAME =	USER NAME = sdonahue	DESIGNED -	REVISED -
1:\906600\0906607\cad\plans\0876E94-shr-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 12.5000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/18/2011 8:42:08 AM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HORNER &  
SHIFRIN, INC.  
ENGINEERS**

**TYPICAL SECTIONS**  
FAI 70 (INTERSTATES 55/70)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 1317+05 TO STA. 1333+94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/70	60-10W,60-10RS-1	MADISON	29	6
				CONTRACT NO. 76E94
ILLINOIS FED. AID PROJECT				