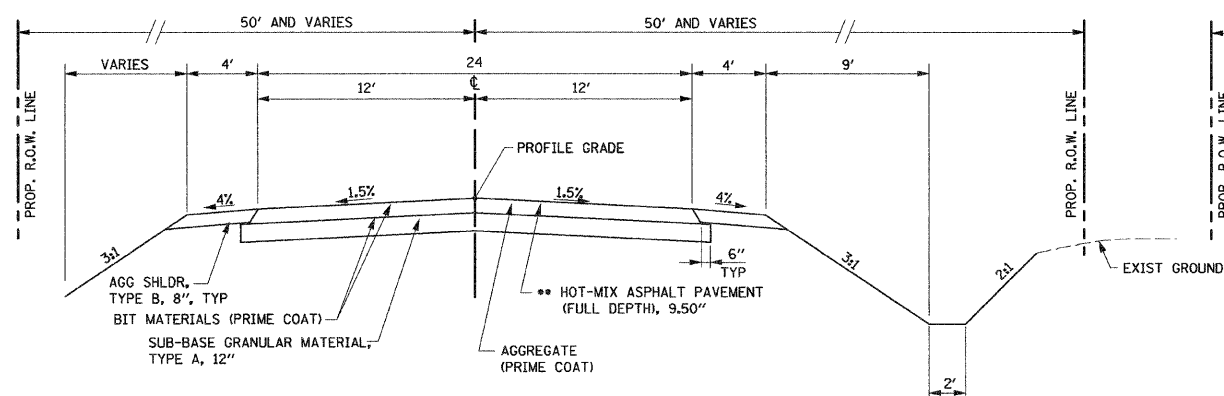


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16	MADISON	662	15
STA.		TO STA.		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76311				

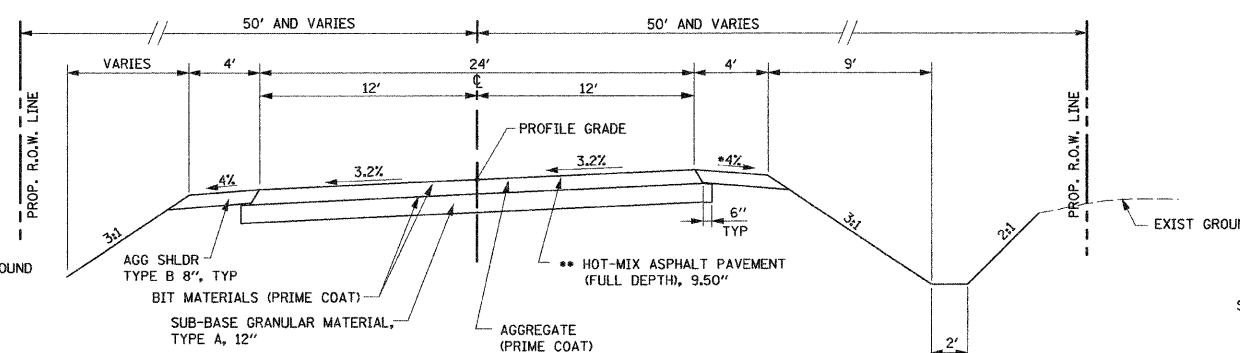


**TANGENT TYPICAL SECTION  
ACCESS ROAD 1**

STA 10+87.05 TO STA 13+47.34  
 STA 14+98.43 TO STA 17+13.63  
 STA 18+64.72 TO STA 36+19.46  
 STA 41+70.13 TO STA 45+41.13  
 STA 48+81.17 TO STA 60+45.36  
 STA 61+54.39 TO STA 64+77.12\*  
 STA 65+38.96 TO STA 73+22.00

TURNAROUND PAVEMENT BEYOND ACCESS ROAD 1 AS SHOWN ON SHEET 78 TO BE HMA (FULL DEPTH) 9.5" & SUB-BASE GRANULAR MATERIAL, TYPE A 12"

\* SEE CONCRETE BARRIER DETAIL FOR STA 63+57 TO STA 73+66 LT

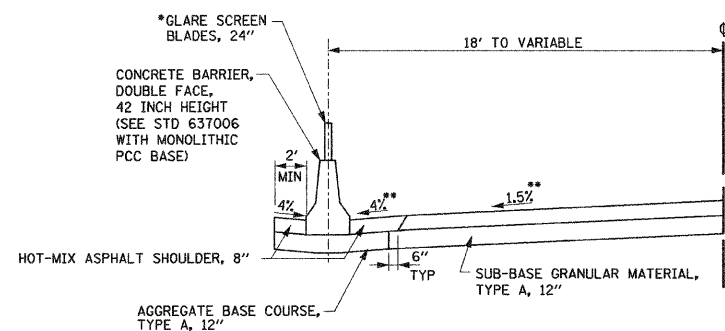


**SUPERELEVATED TYPICAL SECTION  
ACCESS ROAD 1**

STA 13+47.34 TO STA 14+98.43, 2%  
 STA 17+13.63 TO STA 18+64.72, 8%  
 STA 36+19.46 TO STA 41+70.13, 5.7%  
 STA 45+41.13 TO STA 48+81.17, 5%  
 STA 60+45.36 TO STA 61+54.39, 5.7%  
 STA 64+77.12 TO STA 65+38.96, 4.65%

STRUCTURAL DESIGN DATA  
ACCESS ROAD 1, & INGHAM LANE

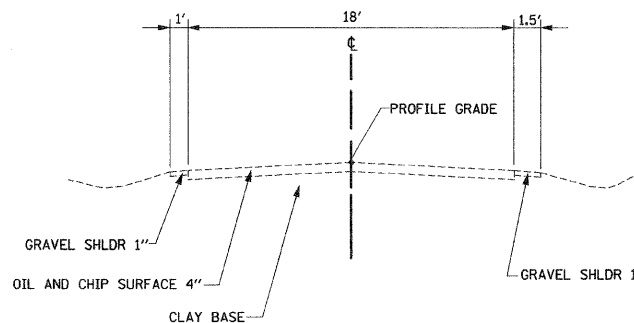
STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 343	SU= 35	MU= 12
ROAD/STREET CLASSIFICATION:	CLASS	IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50	S= 50	M= 50
TRAFFIC FACTOR:	ACTUAL TF=	0.0132
MINIMUM TF= 0.5	AC TYPE=	20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 10+00.00 TO 73+34.17 )	



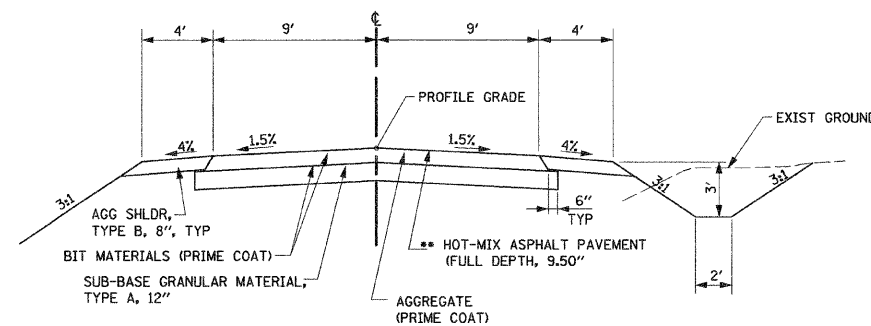
**TYPICAL SECTION WITH CONC BARRIER  
ACCESS ROAD 1**

STA 63+10.28 TO STA 73+66.00

- \* GLARE SCREEN BLADE INSTALLATION ANGLE IS 70°. SPACING IS EVERY 1.33' BASED ON A CUTOFF ANGLE OF 20° (SEE STD 638001)
- \*\* SEE FAP 310 CROSS SECTIONS FOR VARIED SLOPES



**EXISTING TYPICAL SECTION  
INGHAM LANE**

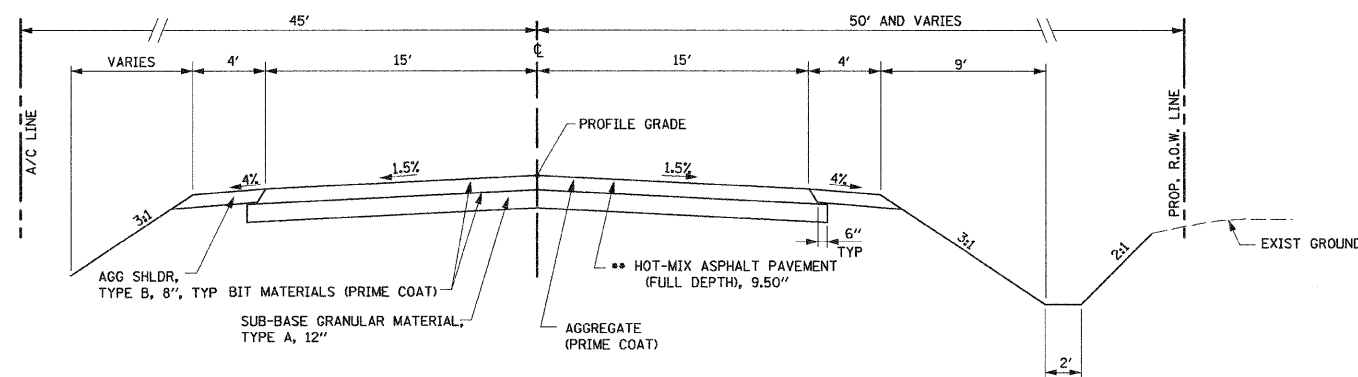


**TYPICAL SECTION  
INGHAM LANE**

STA 8+10.00 TO STA 9+88.00  
 STA 10+12.00 TO STA 11+50.00

STRUCTURAL DESIGN DATA  
ACCESS ROAD 3

STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 107	SU= 11	MU= 4
ROAD/STREET CLASSIFICATION:	CLASS	IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50	S= 50	M= 50
TRAFFIC FACTOR:	ACTUAL TF=	0.0041
MINIMUM TF= 0.7	AC TYPE=	20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 10+42.00 TO 21+48.06 )	

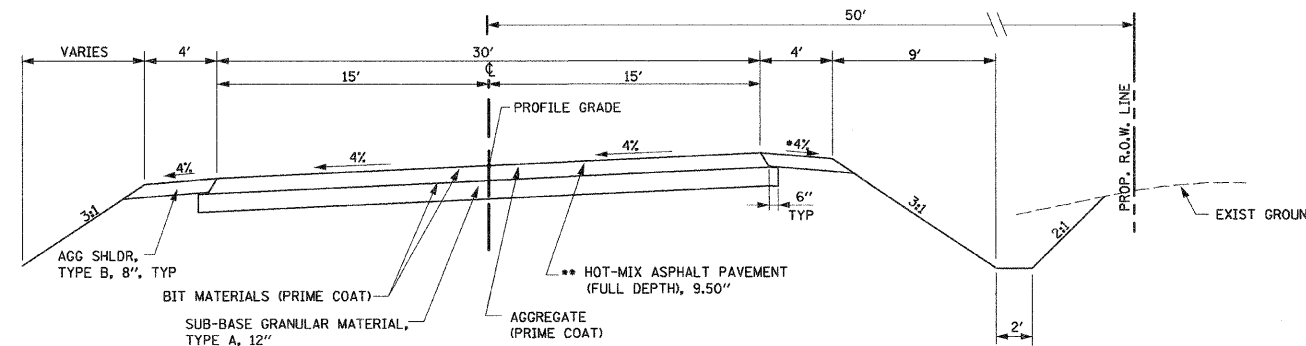


**TANGENT TYPICAL SECTION  
ACCESS ROAD 3**

STA 10+43.00 TO STA 11+14.22  
 STA 15+13.89 TO STA 15+91.15  
 STA 17+38.23 TO STA 21+35.06

TURNAROUND PAVEMENT BEYOND ACCESS ROAD 3 AS SHOWN ON SHEET 82 (BETHANY LANE) TO BE HMA (FULL DEPTH) 9.5" & SUB-BASE GRANULAR MATERIAL, TYPE A 12"

\*\* HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 9.50" WILL CONSIST OF:  
 HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 2" AND  
 HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 7.50"



**SUPERELEVATED TYPICAL SECTION  
ACCESS ROAD 3**

STA 11+14.22 TO STA 15+13.89  
 STA 15+91.15 TO STA 17+38.23

\* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

# TYPICAL SECTIONS

SCALE: NO SCALE  
 DATE: 09-04-09

DRAWN BY: U.J.  
 CHECKED BY: J.J.C.