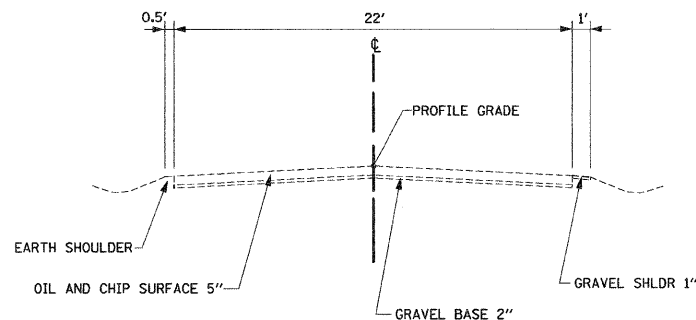


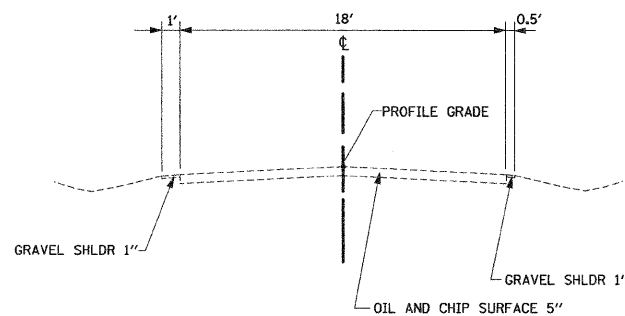
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16	MADISON	662	16

STA. TO STA.
 FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT
 CONTRACT NO. 76311



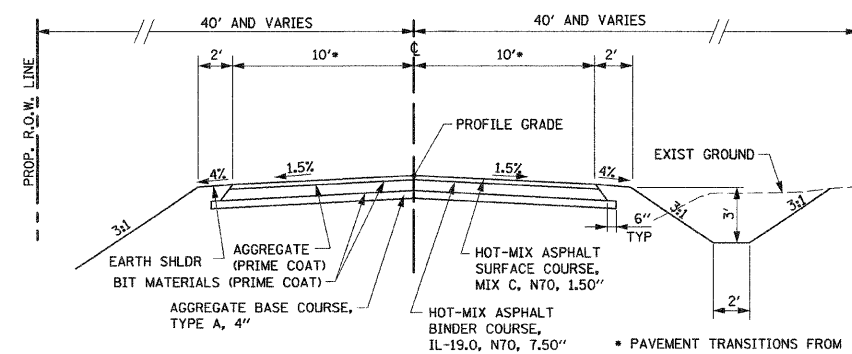
EXISTING TYPICAL SECTION

**LAGEMANN ROAD
(NORTH-SOUTH)**



EXISTING TYPICAL SECTION

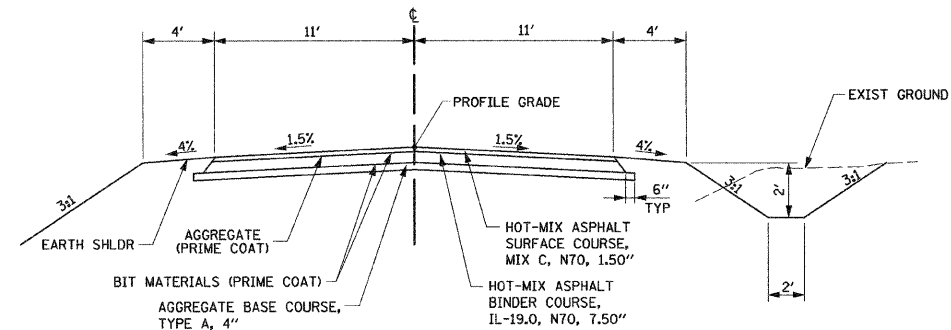
**DAVIS LANE
(NORTH-SOUTH)**



TYPICAL AT GRADE CROSSROAD

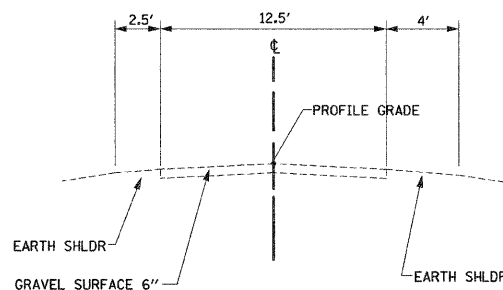
**DAVIS LANE (TR 16)
STA 2+75.00 TO STA 4+31.60
STA 8+21.51 TO STA 9+50.24**

**BEUTTEL ROAD
STA 5+20.00 TO STA 9+51.00**



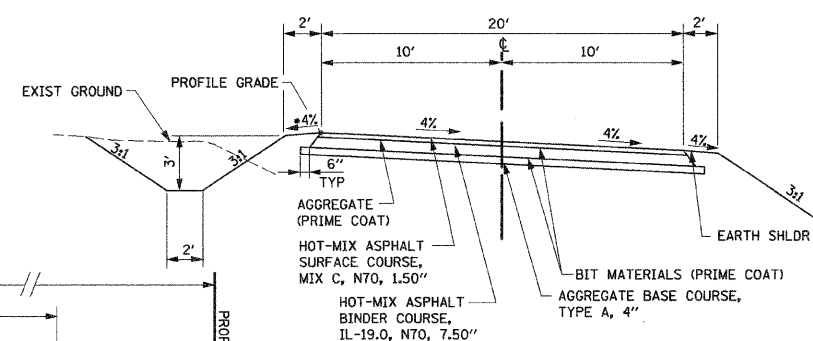
TANGENT TYPICAL SECTION

**LAGEMANN ROAD (CH 36)
STA 10+50.69 TO STA 14+32.48
STA 18+06.84 TO STA 20+16.31
STA 23+19.66 TO STA 24+00.00**



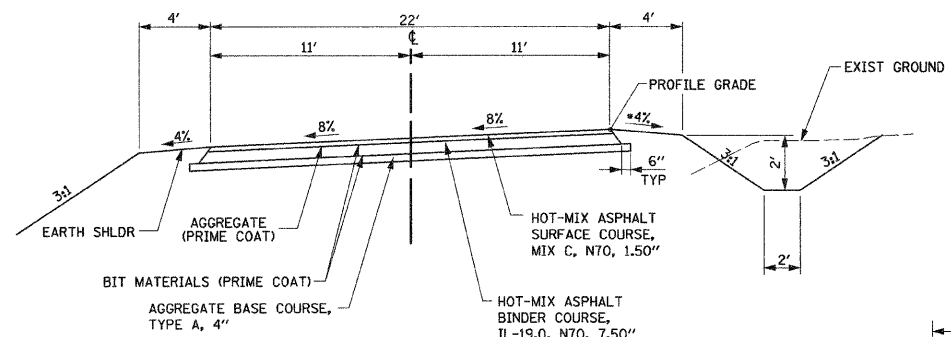
EXISTING TYPICAL SECTION

BEUTTEL ROAD



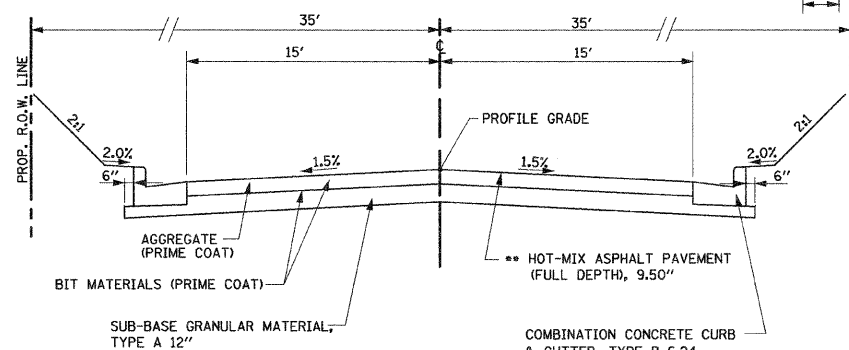
SUPERELEVATED TYPICAL SECTION

**DAVIS LANE (TR 16)
STA 4+31.60 TO STA 8+21.57**



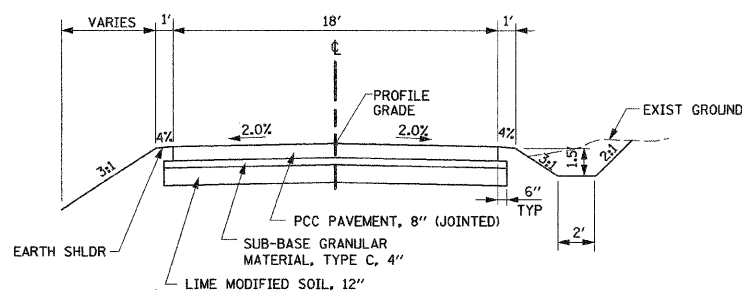
SUPERELEVATED TYPICAL SECTION

**LAGEMANN ROAD (CH36)
STA 14+32.48 TO STA 18+06.84
STA 20+16.31 TO STA 23+19.66**



TYPICAL SECTION

**BENJAMIN DRIVE
STA 10+24.00 TO STA 11+50.00**



**TYPICAL SERVICE DRIVE
LT STA 19+61.50 (LAGEMANN RD),
STA 0+11 TO 3+53**

STRUCTURAL DESIGN DATA
LAGEMANN LANE (CH 36)

STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 600	SU= 61	MU= 20
ROAD/STREET CLASSIFICATION:	CLASS	IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50	S= 50	M= 50
TRAFFIC FACTOR:	ACTUAL TF=	0.0231
MINIMUM TF=	N/A	AC TYPE= 20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 10+36.29 TO 20+30.00)	

MODIFIED AASHTO
 USE: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 1.50"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7.50"
 AGGREGATE BASE COURSE, TYPE A, 4"

STRUCTURAL DESIGN DATA
BEUTTEL ROAD

STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 176	SU= 18	MU= 6
ROAD/STREET CLASSIFICATION:	CLASS	IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50	S= 50	M= 50
TRAFFIC FACTOR:	ACTUAL TF=	0.0068
MINIMUM TF=	N/A	AC TYPE= 20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 6+50.00 TO 9+63.00)	

MODIFIED AASHTO
 USE: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 1.50"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7.50"
 AGGREGATE BASE COURSE, TYPE A, 4"

STRUCTURAL DESIGN DATA
DAVIS LANE (TR 16)

STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 226	SU= 23	MU= 8
ROAD/STREET CLASSIFICATION:	CLASS	IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 50	S= 50	M= 50
TRAFFIC FACTOR:	ACTUAL TF=	0.0087
MINIMUM TF=	N/A	AC TYPE= 20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 3+63.86 TO 9+62.43)	

MODIFIED AASHTO
 USE: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 1.50"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7.50"
 AGGREGATE BASE COURSE, TYPE A, 4"

• 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.

I:\2006-2009\9429005\9429005.dwg 9/4/2009 3:17:11 PM