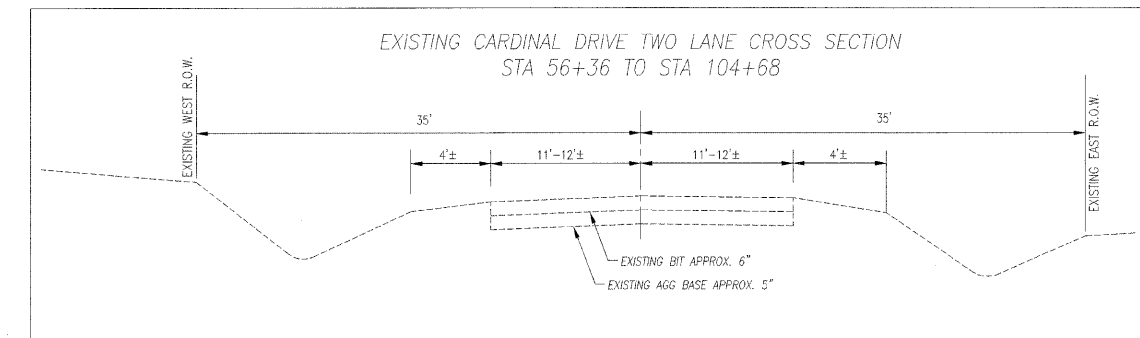


PAVEMENT DESIGN
 CLASS II, 3-LANE PAVEMENT
 D.P. - 20 YEARS
 DESIGN TRAFFIC
 EXISTING ADT: 3250 5% GROWTH
 PROPOSED ADT: 9100
 PV (95%): 8645 SU (4%): 364 MU (1%): 91
 73,280 POUND LOAD LIMIT
 CRITICAL SUBGRADE ERI: 2KSI
 T.F.=D.P. (0.073PV+44.53SU+156.403MU)
 1,000,000

T.F. = 0.62
 SUBGRADE SUPPORT RATING: POOR
 USE AC-20 BECAUSE OF STOPPING AND STARTING MIXTURE TEMPERATURE: 78.6
 Eac: 580
 DESIGN STRAIN: 125
 PAVEMENT THICKNESS REQUIRED: 10.0"

USE: 10"



REVISIONS		
DATE	BY	DESCRIPTION
2/11/08	AJC/WP	PER IDOT REVIEW
3/27/08	JWP	PER IDOT REVIEW
4/1/08	JWP	PER REVIEWS
5/7/08	JWP	BKE PATH REVISION PER COMMENT

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTION SHEET
 CARDINAL DRIVE

SCALE: _____ DRAWN BY: MJO/AJC
 DATE: 1/4/08 CHECKED BY: JWP