



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"

<p>M. GINGERICH, GERAUX & ASSOCIATES</p> <p>240 N. Industrial Drive Bradley, Illinois 60915 815-939-4921 FAX: 815-939-9810</p>	<p>ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTION SHEET CARDINAL DRIVE</p>																	
	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>2/11/08</td> <td>AJC/JWP</td> <td>PER IDOT REVIEW</td> </tr> <tr> <td>3/27/08</td> <td>JWP</td> <td>PER IDOT REVIEW</td> </tr> <tr> <td>4/1/08</td> <td>JWP</td> <td>PER REVIEWS</td> </tr> <tr> <td>5/7/08</td> <td>JWP</td> <td>BIKE PATH REVISION PER COMMENT</td> </tr> </tbody> </table>			DATE	BY	DESCRIPTION	2/11/08	AJC/JWP	PER IDOT REVIEW	3/27/08	JWP	PER IDOT REVIEW	4/1/08	JWP	PER REVIEWS	5/7/08	JWP	BIKE PATH REVISION PER COMMENT
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SCALE:	DRAWN BY: MJO/AJC																	
DATE: 1/4/08	CHECKED BY: JWP																	