



- ① EXISTING OIL & CHIP SURFACE COURSE
- ② EXISTING AGGREGATE BASE COURSE
- ③ PROPOSED AGGREGATE WIDENING (MIN. 5/2" DEPTH - BY LOCAL AGENCY)
- ④ PROPOSED 5" OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑤ PROPOSED 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑥ PROPOSED AGGREGATE SHOULDER TYPE B 6"

PAVEMENT DESIGN - FLEXIBLE (80,000 LB VEHICLE)

DP = 20 YR.
 ADT₍₂₀₂₅₎ = 750; PV=660, SU=53, MU=38
 CLASS III ROAD, E_(R) = 3ksi
 TF = 0.20

BITUMINOUS MIXTURE REQUIREMENTS

LOCATION	FAS 418	FAS 418
MIX USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %	15	10
DESIGN VOIDS	4.0 @ N=70	4.0 @ N=70
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-19.0	IL-9.5 OR IL-12.0
FRICTION	N/A	MIX D (DOLOMITE ONLY)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.S. 418 (VANTINE ROAD)
NAME	DATE	
		PROPOSED TYPICAL SECTIONS
SCALE: N/A		DRAWN BY CGF
DATE: 1-5-07		CHECKED BY JJM