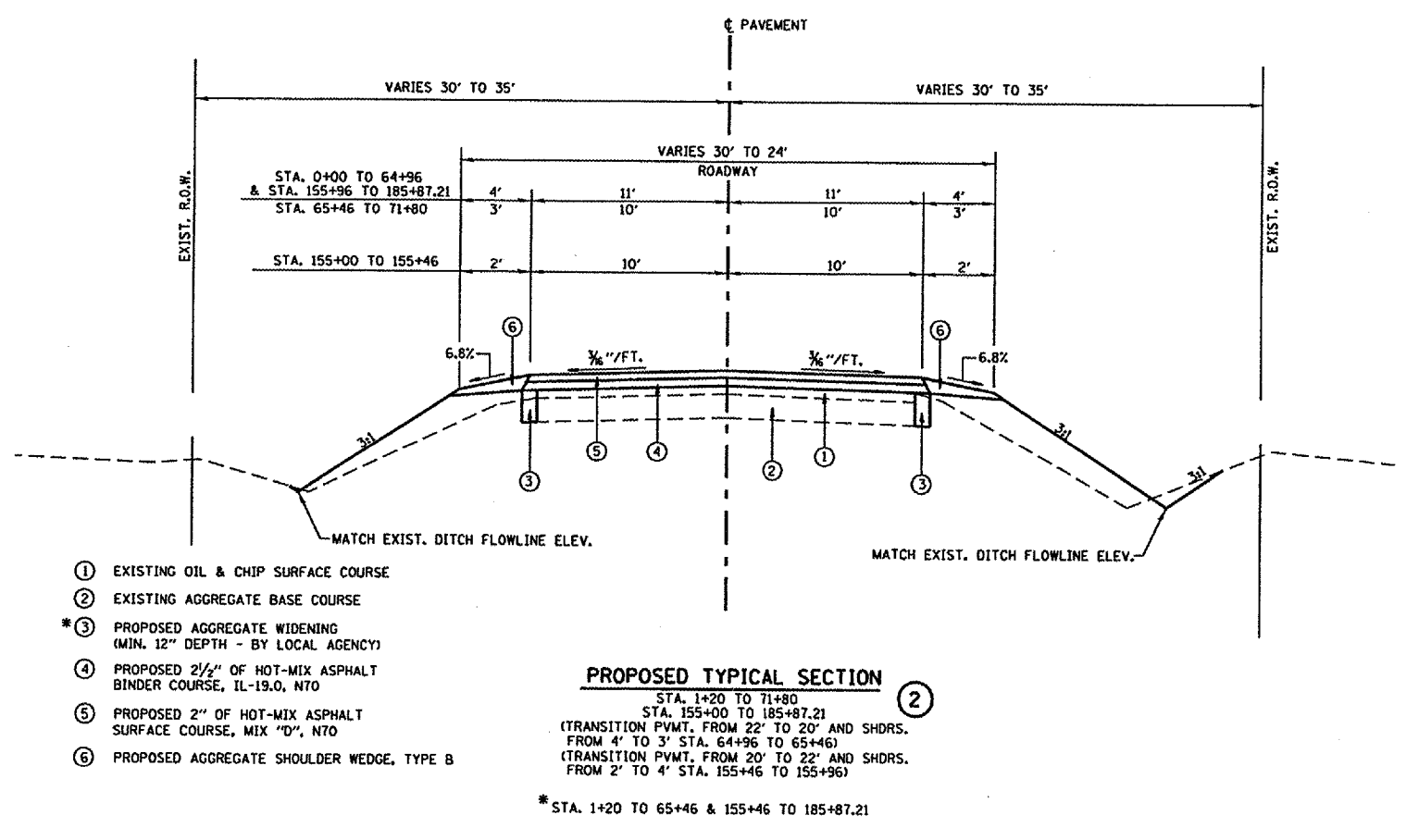


- ① PROPOSED PCC PAVEMENT 8" (JOINTED) (SEE STD. BLR 14-9)
- ② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ③ PROPOSED AGGREGATE SHOULDER TYPE B 6"

PAVEMENT DESIGN - RIGID (80,000 LB VEHICLE)

DP = 20 YR.
 ADT₍₂₀₂₅₎ = 750; PV=660, SU=53, MU=38
 CLASS III ROAD, E_(RI) = 3ksi
 TF_(ACTUAL) = 0.29
 TF_(MIN.) = 0.50



- ① EXISTING OIL & CHIP SURFACE COURSE
- ② EXISTING AGGREGATE BASE COURSE
- * ③ PROPOSED AGGREGATE WIDENING (MIN. 12" DEPTH - BY LOCAL AGENCY)
- ④ PROPOSED 2 1/2" 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 WEDGE, TYPE B

PAVEMENT DESIGN - FLEXIBLE (80,000 LB VEHICLE)

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

BITUMINOUS MIXTURE REQUIREMENTS

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

REVISIONS	
NAME	DATE

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