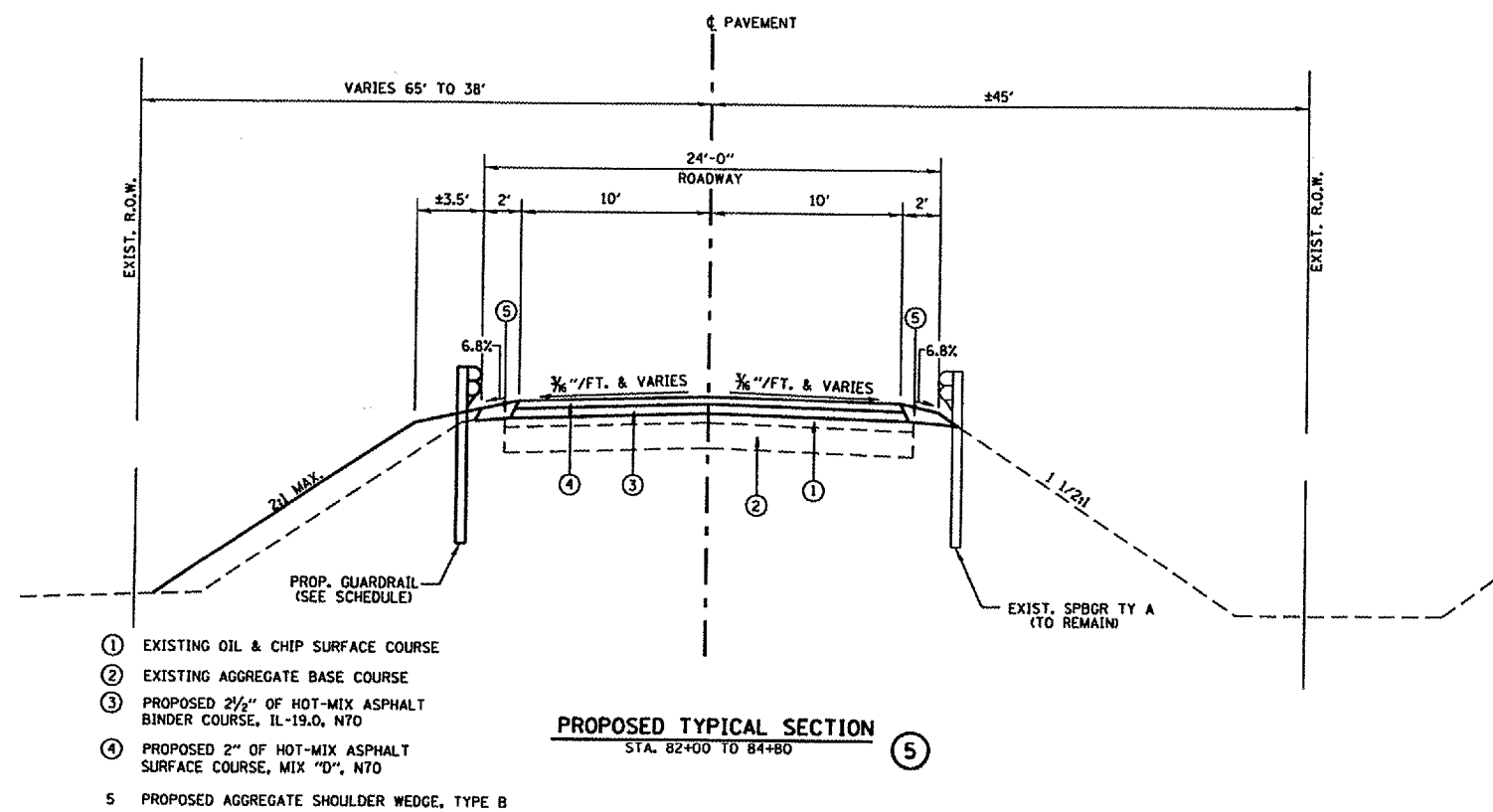
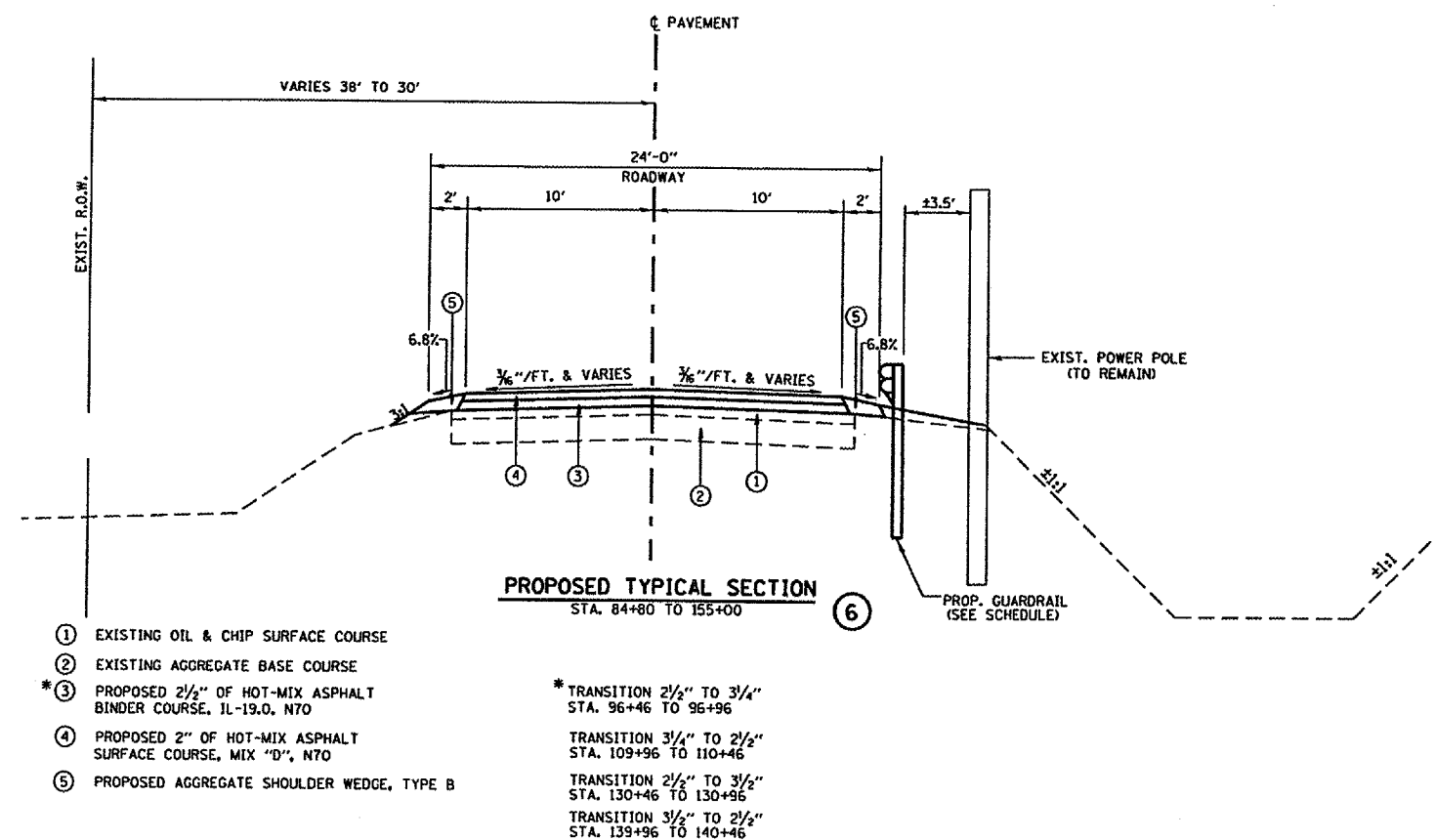


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
418	04-00069-00-RS	HENDERSON	15	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. B9366				



- ① EXISTING OIL & CHIP SURFACE COURSE
- ② EXISTING AGGREGATE BASE COURSE
- ③ PROPOSED 2 1/2" OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ④ PROPOSED 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑤ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B



- ① EXISTING OIL & CHIP SURFACE COURSE
- ② EXISTING AGGREGATE BASE COURSE
- *③ PROPOSED 2 1/2" OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ④ PROPOSED 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑤ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B

* TRANSITION 2 1/2" TO 3/4"
STA. 96+46 TO 96+96

TRANSITION 3/4" TO 2 1/2"
STA. 109+96 TO 110+46

TRANSITION 2 1/2" TO 3/4"
STA. 130+46 TO 130+96

TRANSITION 3/4" TO 2 1/2"
STA. 139+96 TO 140+46

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	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	
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