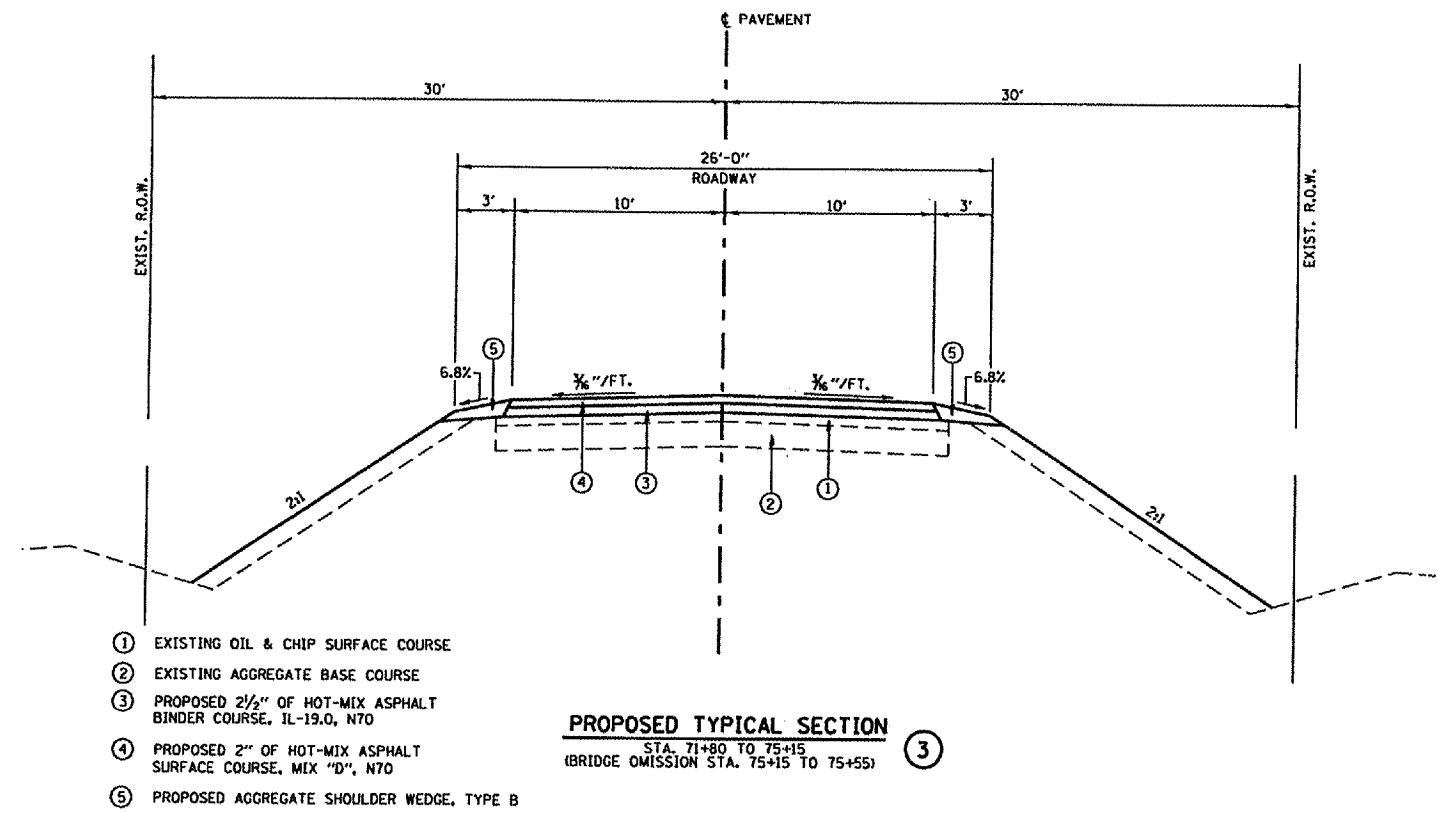
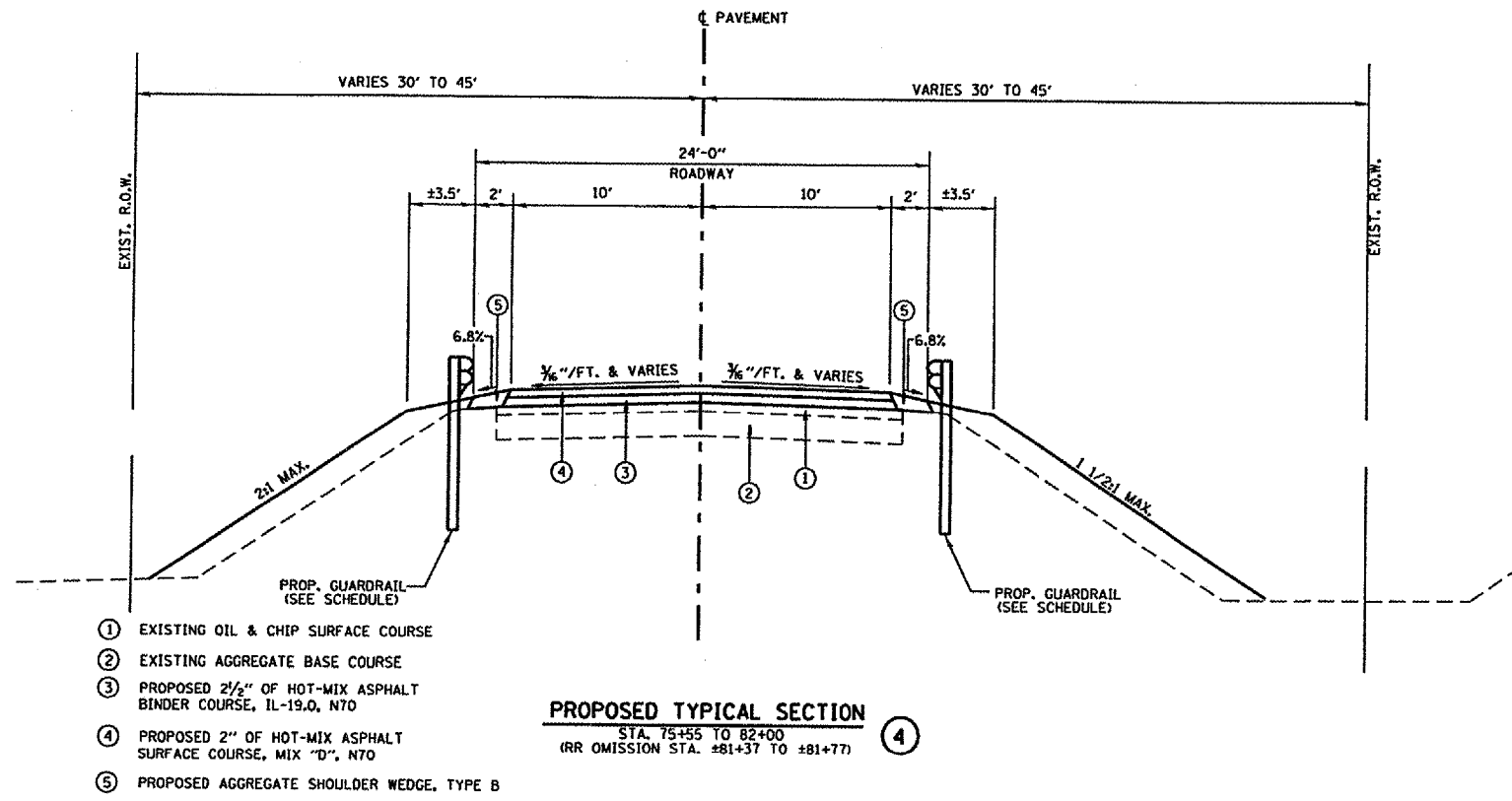


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
418	04-00069-00-RS	HENDERSON	15	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 89366				



- 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

**PAVEMENT DESIGN - FLEXIBLE (80,000 LB VEHICLE)**

DP = 20 YR.  
 ADT (2025) = 750; PV=660, SU=53, MU=38  
 CLASS III ROAD, E<sub>(RI)</sub> = 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: JUM