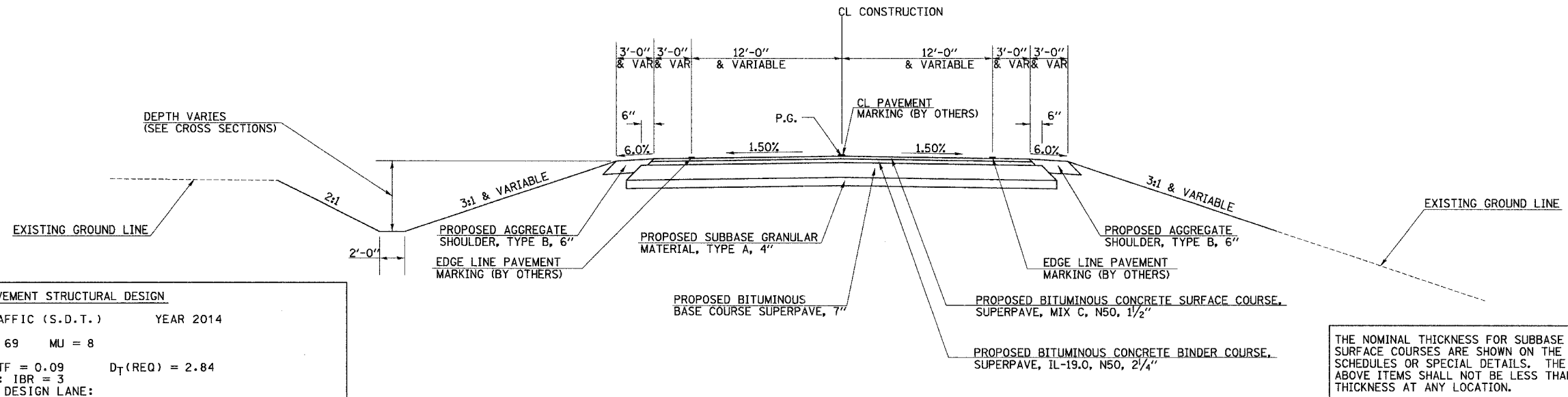
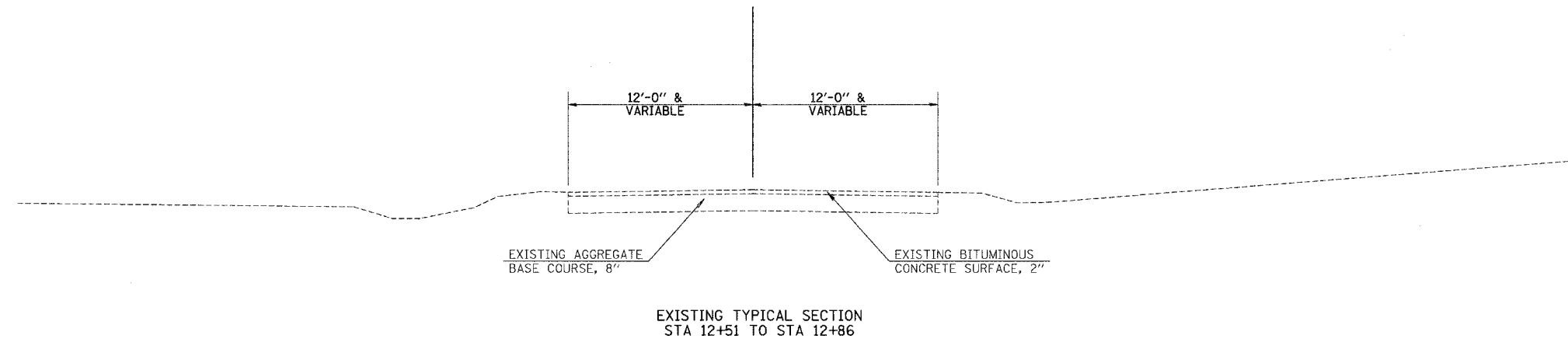


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MORGAN	19	6

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • WEST CHAMBERS ST. •• 03-00118-00-BR
 D-96

CONTRACT NO.



THE NOMINAL THICKNESS FOR SUBBASE GRANULAR MATERIAL; BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTION, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

PAVEMENT STRUCTURAL DESIGN	
STRUCTURAL DESIGN TRAFFIC (S.D.T.)	YEAR 2014
PV = 1.459	SU = 69 MU = 8
CLASS III ROAD	TF = 0.09 D _T (REQ) = 2.84
MINIMUM SOIL SUPPORT: IBR = 3	PERCENT OF S.D.T. IN DESIGN LANE:
P = 50,	S = 50, M = 50
PAVEMENT STRUCTURE MATERIALS:	
SURFACE COURSE TYPE: BITUMINOUS CONCRETE (N50), 3 3/4", α ₁ = 0.40	
BASE COURSE TYPE: BITUMINOUS, MIN. M.S. = 1500, 7", α ₂ = 0.30	
SUB-BASE COURSE TYPE: GRANULAR MATERIAL, TYPE A, 4", α ₃ = 0.11	
D _T (PROVIDED) = 4.25	

BITUMINOUS MIXTURE REQUIREMENTS				
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	ALLOWABLE RAP	VOIDS
BINDER	IL 19.0	PG 64-22	15%	4.0%@N50
SURFACE	MIX "C", IL 9.5 OR 12.5	PG 64-22	15%	4.0%@N50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WEST CHAMBERS STREET
TYPICAL SECTIONS**

DATE _____ DRAWN BY _____
 CHECKED BY _____