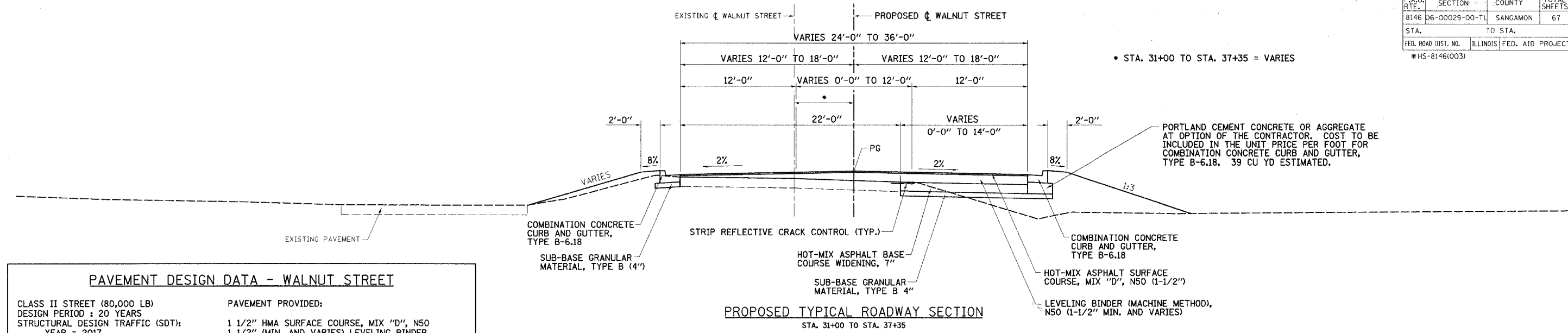


F.A.U. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
8146 06-00029-00-TL		SANGAMON	67	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT#	
*HS-8146(003)				

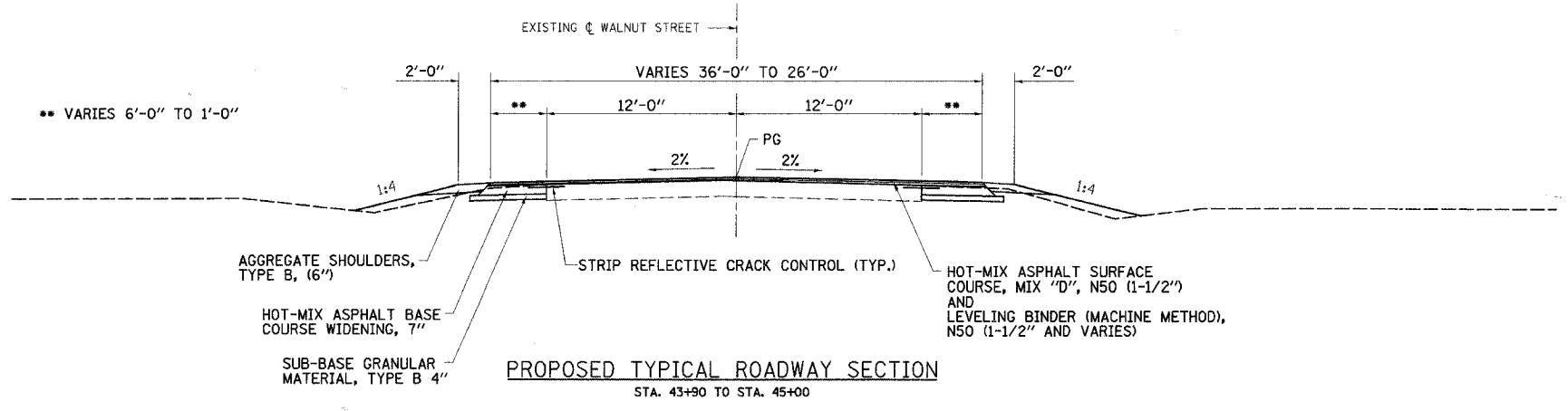
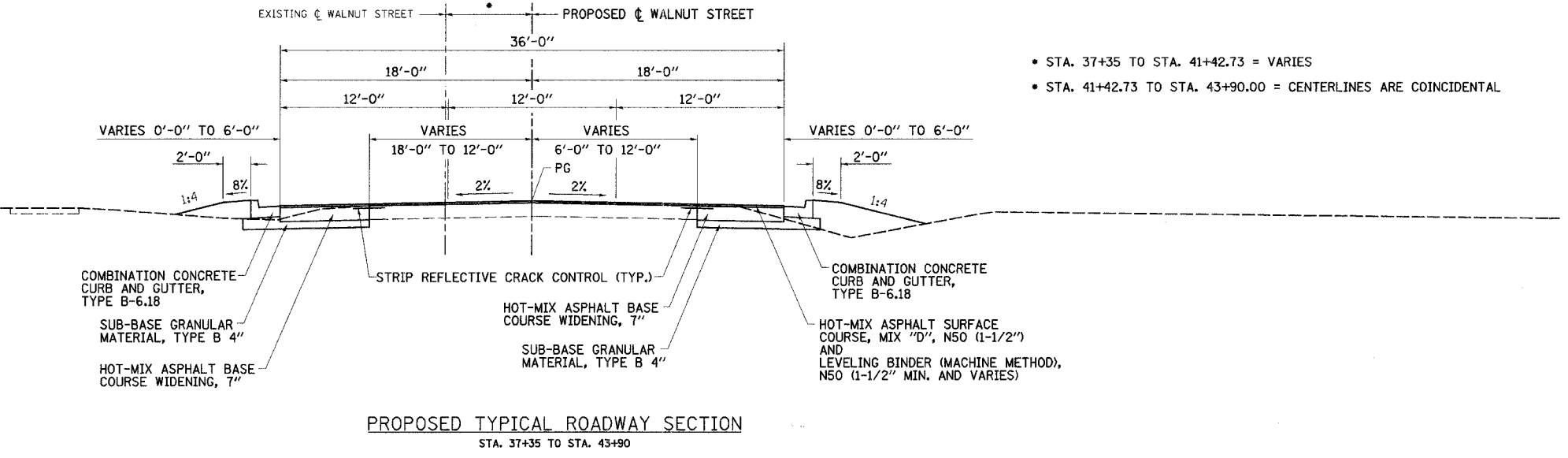


PAVEMENT DESIGN DATA - WALNUT STREET

CLASS II STREET (80,000 LB)
 DESIGN PERIOD : 20 YEARS
 STRUCTURAL DESIGN TRAFFIC (SDT):
 YEAR = 2017
 PV = 7964
 SU = 164
 MU = 82
 TRAFFIC FACTOR (TF) = 0.5115
 MINIMUM SOIL SUPPORT : $E_{R1} = 3$

PAVEMENT PROVIDED:
 1 1/2" HMA SURFACE COURSE, MIX "D", N50
 1 1/2" (MIN. AND VARIES) LEVELING BINDER (MACHINE METHOD), N50
 7" HMA BASE COURSE WIDENING
 4" SUB-BASE GRANULAR MATERIAL, TYPE B

HMA MIXTURE REQUIREMENTS			
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	VOIDS
LEVELING BINDER	IL-9.5 or 12.5	PG 64-22	4.0% @ N50
HMA SURFACE	IL-9.5 or 12.5 Mix "D"	PG 64-22	4.0% @ N50
HMA BASE	IL-19.0	PG 64-22	4.0% @ N50
HMA SHOULDER	ART. 1030.04(g)(3)	PG 58-22	2.0% @ N30



REVISIONS	
NAME	DATE
IDOT REVIEW	4/11/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 VILLAGE OF CHATHAM
 SECTION 06-00029-00-TL
 SANGAMON COUNTY
 WALNUT ST. / PARK AVE. IMPROVEMENTS

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 5'
 DATE: 2/16/07

DRAWN BY: SUTHEARD
 CHECKED BY: BOTT

GREENE & BRADFORD, INC.
 CONSULTING ENGINEERS
 OF SPRINGFIELD

COMPUTER FILE NO.
 06152TYP
 PROJECT 06152
 4/27/07 - FAV

PLOT DATE = 4/27/07
 FILE NAME = J:\BIDDING\DRAWINGS\06152TYP.dgn
 PLOT SCALE = 5/8" = 1' IN.
 MODEL = Default
 OPERATOR = Franky

VILLAGE OF CHATHAM - WALNUT STREET - TYPICAL SECTIONS