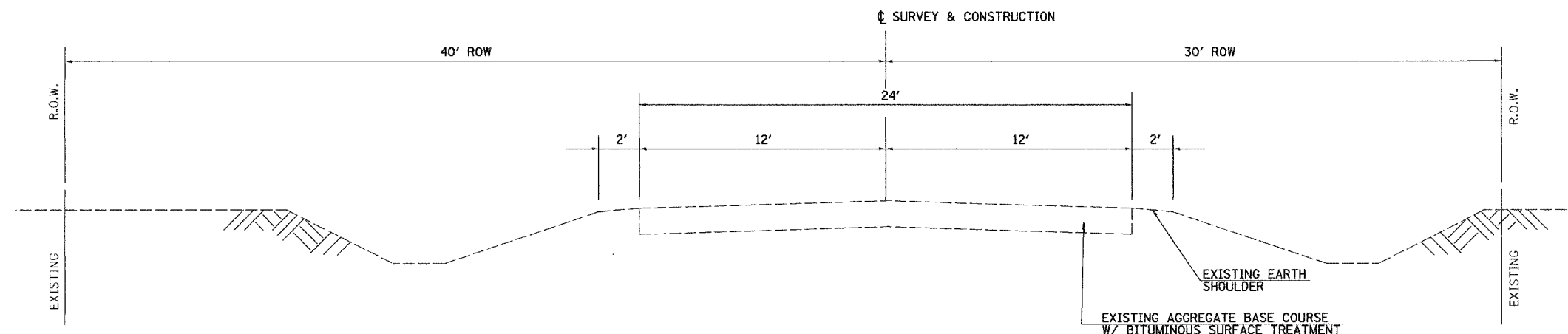


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8183	04-00120-00-FP	MORGAN	28	6
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 93431**



**EXISTING TYPICAL SECTION  
LINCOLN AVENUE**

STA. 482+15.69 TO STA. 496+59.55

**PAVEMENT STRUCTURAL DESIGN INFORMATION**

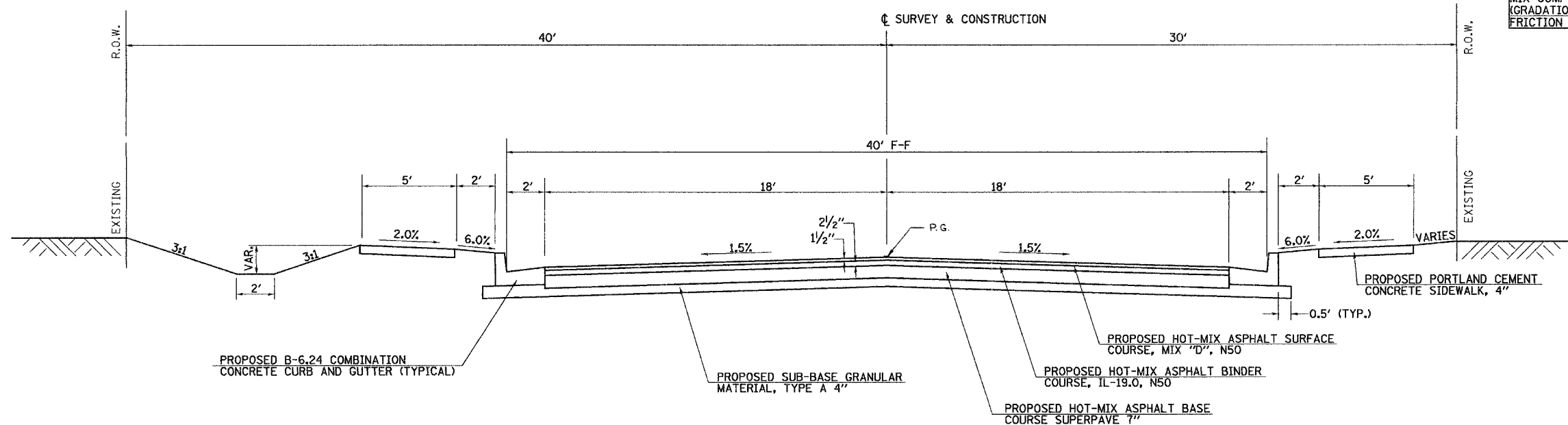
STRUCTURAL DESIGN TRAFFIC: YEAR 2016  
 PV=6,947 SU=553 MU=395

CLASS II ROAD TF = 1.74 D<sub>r</sub>(REQ.) = 4.45  
 MINIMUM SOIL SUPPORT: IBR = 3  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P=50% S=50% M=50%

PAVEMENT STRUCTURE MATERIALS:  
 SURFACE COURSE TYPE: HOT-MIX ASPHALT, 4",  $a_1 = 0.40$   
 BASE COURSE TYPE: HOT-MIX ASPHALT BASE COURSE, 7",  $a_1 = 0.33$   
 SUB-BASE COURSE TYPE: GRANULAR MATERIAL, TYPE A, 4",  $a_1 = 0.14$

D<sub>t</sub> (PROVIDED) = 4.47

MIXTURE USE(S)	HMA SURF CSE	HMA BINDER CSE	HMA BASE CSE
AC/PG	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR 12.5	IL-19.0	IL-19.0
FRICTION AGGREGATE	MIX "D"	N/A	N/A



**PROPOSED TYPICAL SECTION  
LINCOLN AVENUE**

STA. 482+15.69 TO STA. 496+59.55

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**LINCOLN AVENUE  
TYPICAL SECTIONS**

DATE JULY, 2006

DRAWN BY JCW  
CHECKED BY JRB