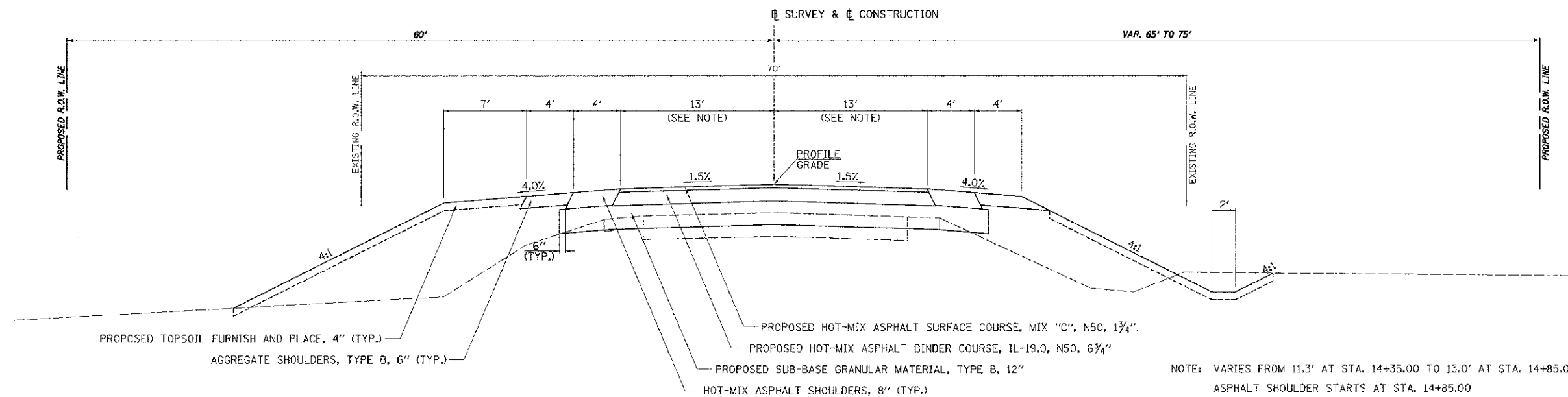


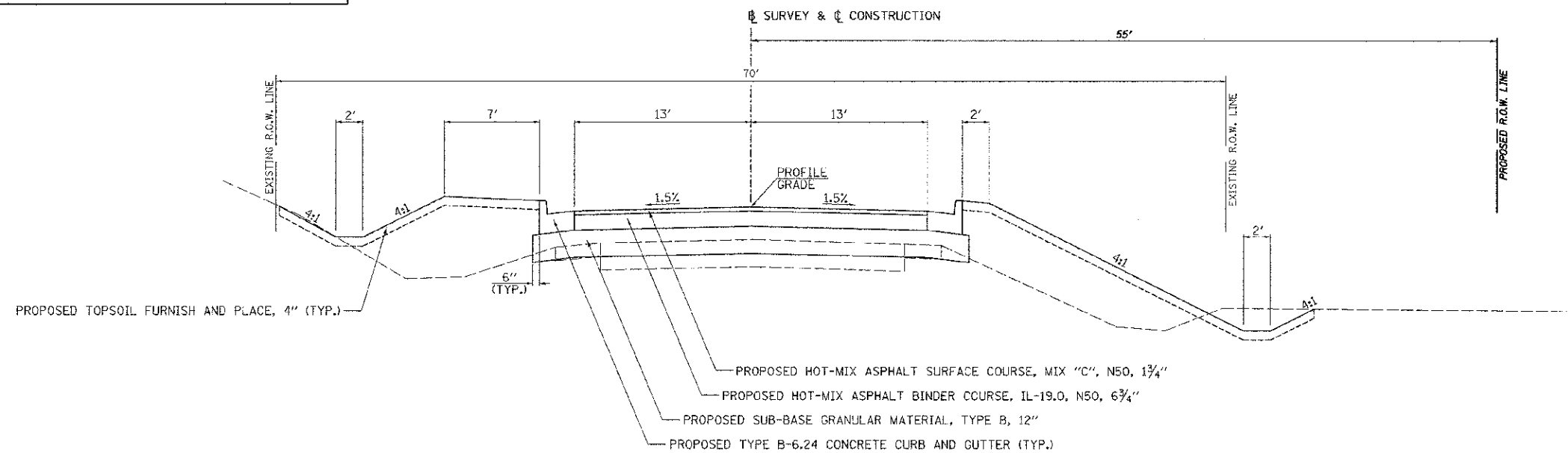


C.H. 26 (FIVE POINTS RD.) STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2020
PV = 2046 SU = 163 MU = 116
CLASS II ROAD
SUBGRADE SUPPORT RATING: POOR
PERCENT OF S.D.T. IN DESIGN LANE: 50%
TRAFFIC FACTOR = 0.63
PAVEMENT STRUCTURE MATERIALS: RECONSTRUCTION
SURFACE COURSE TYPE: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 3/4"
BASE COURSE TYPE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6 3/4"
SUB-BASE TYPE: SUB-BASE GRANULAR MATERIAL, TYPE B, 12"

PROPOSED TYPICAL SECTION
C.H. 26 (FIVE POINTS RD.)
STA. 14+35.00 TO STA. 18+69.47
BRIDGE OMISSION
STA. 18+69.47 TO STA. 18+75.47 BRIDGE APPROACH PAVEMENT CONNECTOR
STA. 18+75.47 TO STA. 19+05.47 BRIDGE APPROACH PAVEMENT
STA. 19+05.47 TO STA. 20+94.25 BRIDGE
STA. 20+94.25 TO STA. 21+24.25 BRIDGE APPROACH PAVEMENT
STA. 21+24.25 TO STA. 21+30.25 BRIDGE APPROACH PAVEMENT CONNECTOR

	HMA SURFACE C.H. 26 (FIVE POINTS RD.)	HMA BINDER C.H. 26 (FIVE POINTS RD.)	HMA SHOULDER C.H. 26 (FIVE POINTS RD.)
PG GRADE	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIXTURE C		
DENSITY TEST METHOD	CORES	CORES	CORES



PROPOSED TYPICAL SECTION
C.H. 26 (FIVE POINTS RD.)
STA. 21+30.25 TO STA. 23+39.00

FILE NAME =	USER NAME = smountal	DESIGNED -	REVISED -	DE KALB COUNTY	C.H. 26 (FIVE POINTS RD.)	RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y:\2555\CADD SHEETS\2555-ant-typical-2.dgn		DRAWN -	REVISED -	C.H. 26 (FIVE POINTS RD.)	TYPICAL SECTIONS	CH 26	05-00044-01-BR	DE KALB	49	6
	PLOT SCALE = 5.0000' / 1" IN.	CHECKED -	REVISED -	OVER SOUTH BRANCH OF KISHWAWKEE RIVER						
	PLOT DATE = 3/26/2013	DATE -	REVISED -			SCALE: N/A	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT