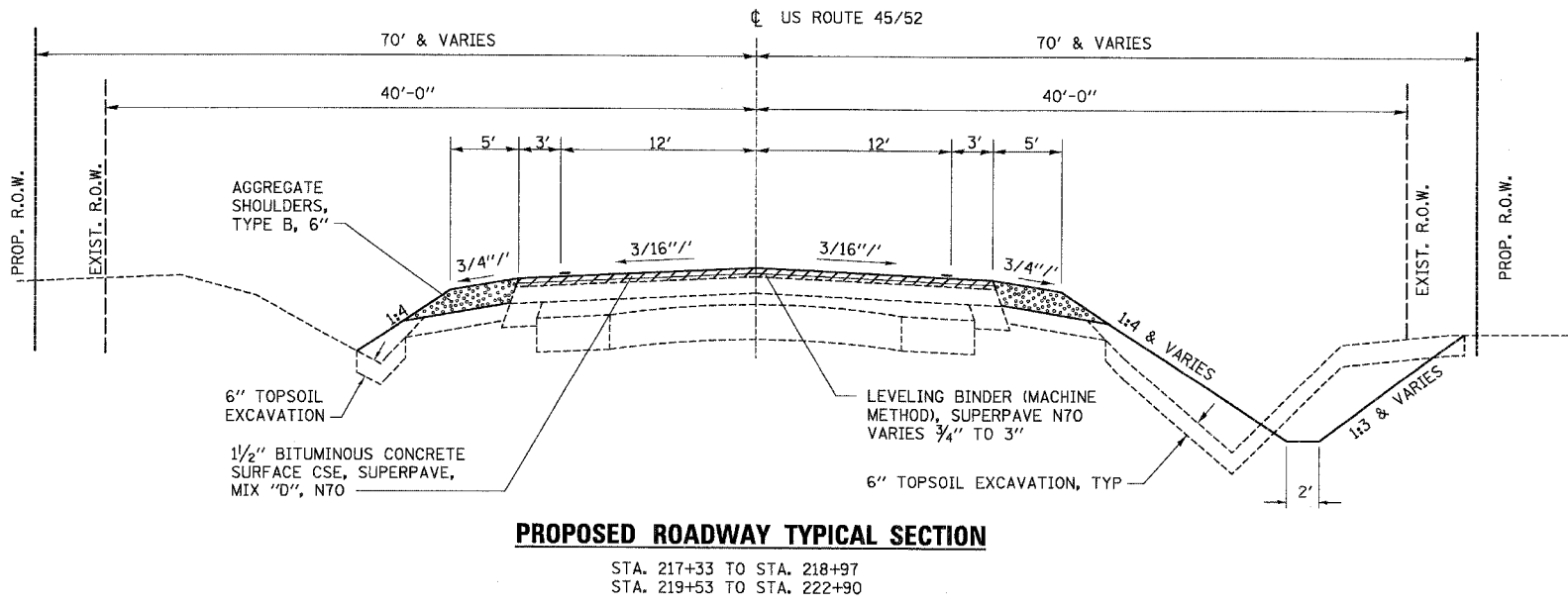
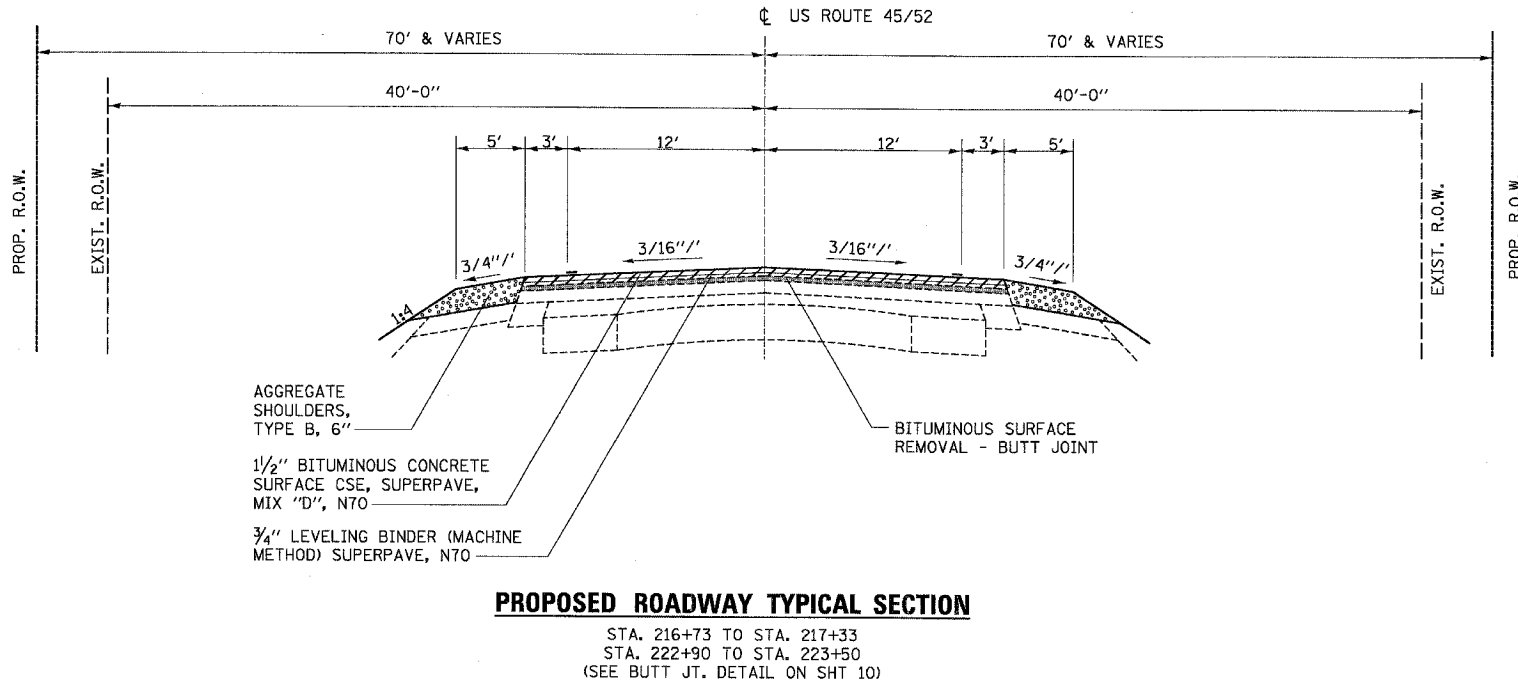
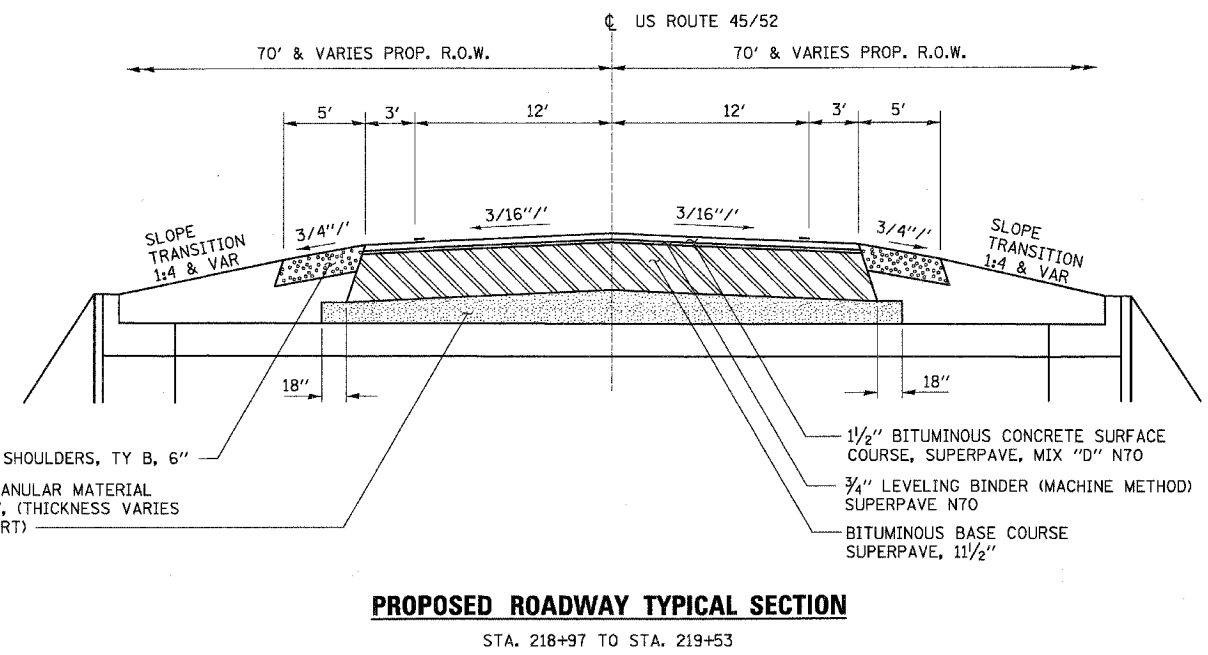
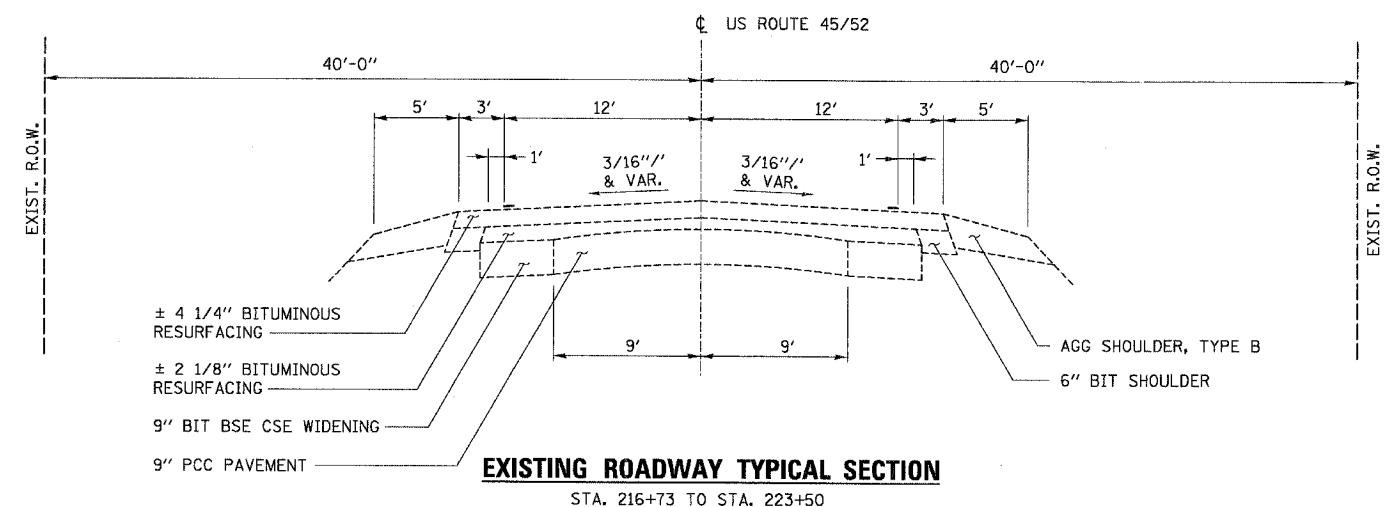


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	139 BR-2	KANKAKEE	69	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



BITUMINOUS MIXTURE REQUIREMENTS

	SUPERPAVE BINDER FOR FD PAVEMENT BOTTOM LIFT (4")	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE	SUPERPAVE SHOULDERS
PG GRADE	PG58-22	PG64-22	PG64-22	PG58-22
MAX % RAP ALLOWABLE **	25%	15%	10%	25%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N70	4.0% @ N70	2.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	BAM
FRICTION AGGREGATE			MIXTURE D	
PLANT CONTROL LIMITS	CLASS I	CLASS I	CLASS I	NON-CLASS I
DENSITY TEST METHOD	•	SATISFACTION OF ENGINEER	CORES/NUCLEAR	•

- * MATERIAL SHALL BE COMPACTED TO 93-97 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT THE BOTTOM LIFT SHALL BE COMPACTED TO A MINIMUM OF 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QA/QC SPECIFICATION.
- ** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 7700 YEAR 2018;
 P.V. 6961 (90.4%)
 S.U. 400 (5.2%)
 M.U. 339 (4.4%)

CLASS II ROAD
 SUBGRADE SUPPORT RATING : POOR
 T.F. = 3.81
 E_{AC} = 495 KSI

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 840 (US 45/52)
SEC 139 BR-2, KANKAKEE COUNTY

TYPICAL SECTIONS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/29/2006
 FILE NAME = I:\STR\proj\840-293\139 BR-2\139 BR-2.dgn
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#