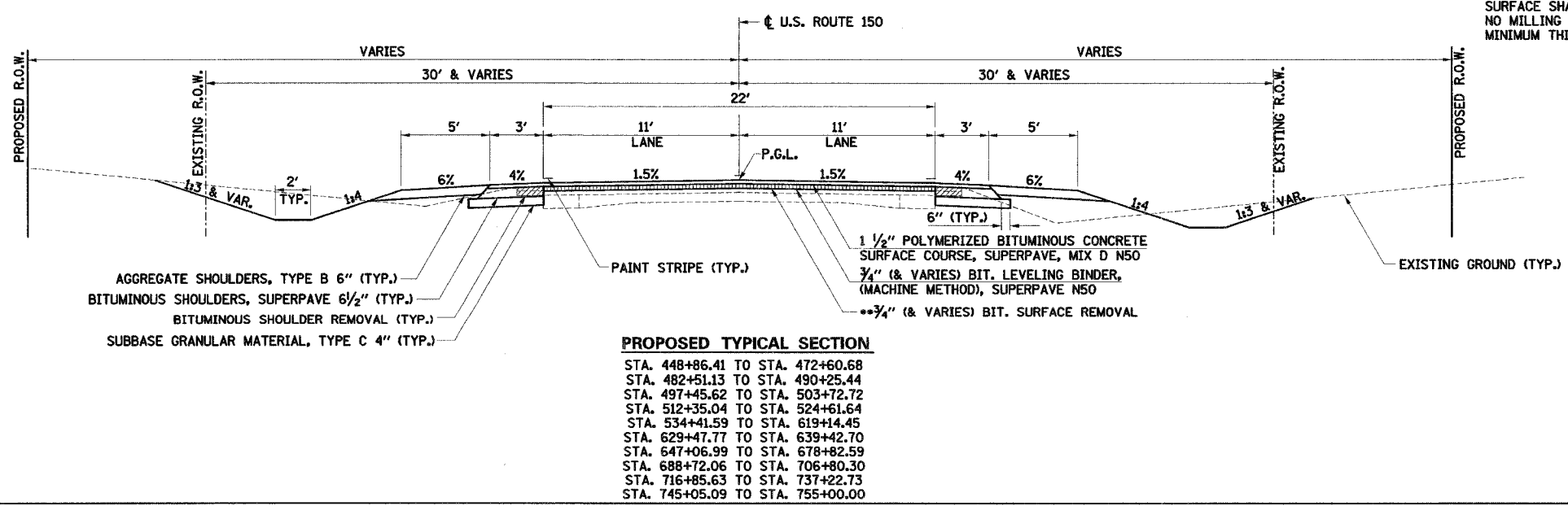
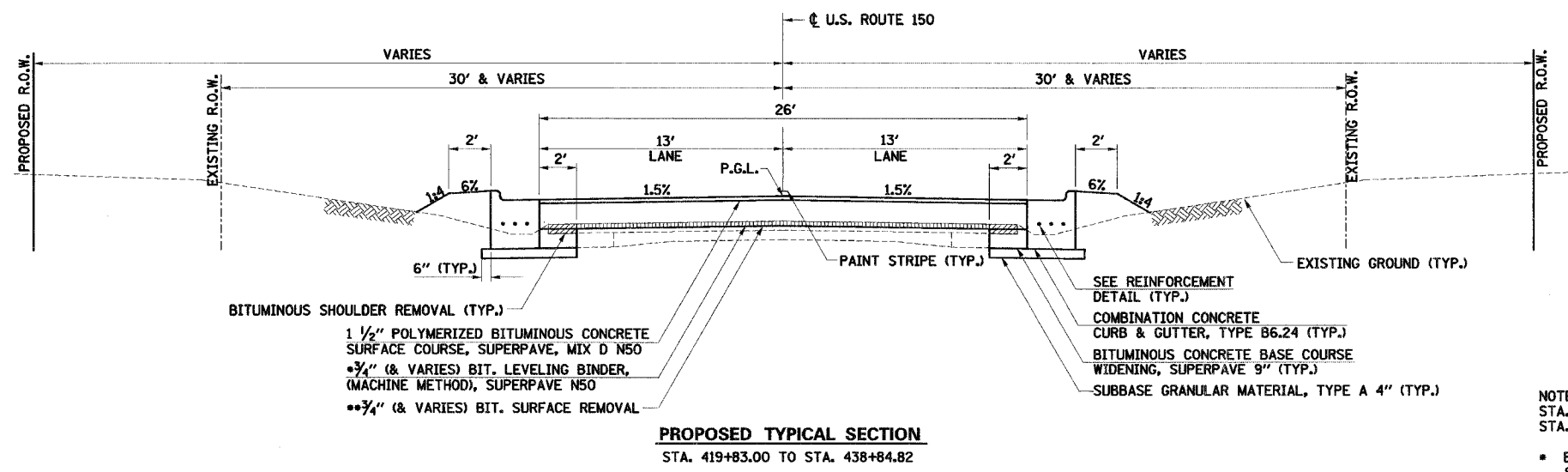
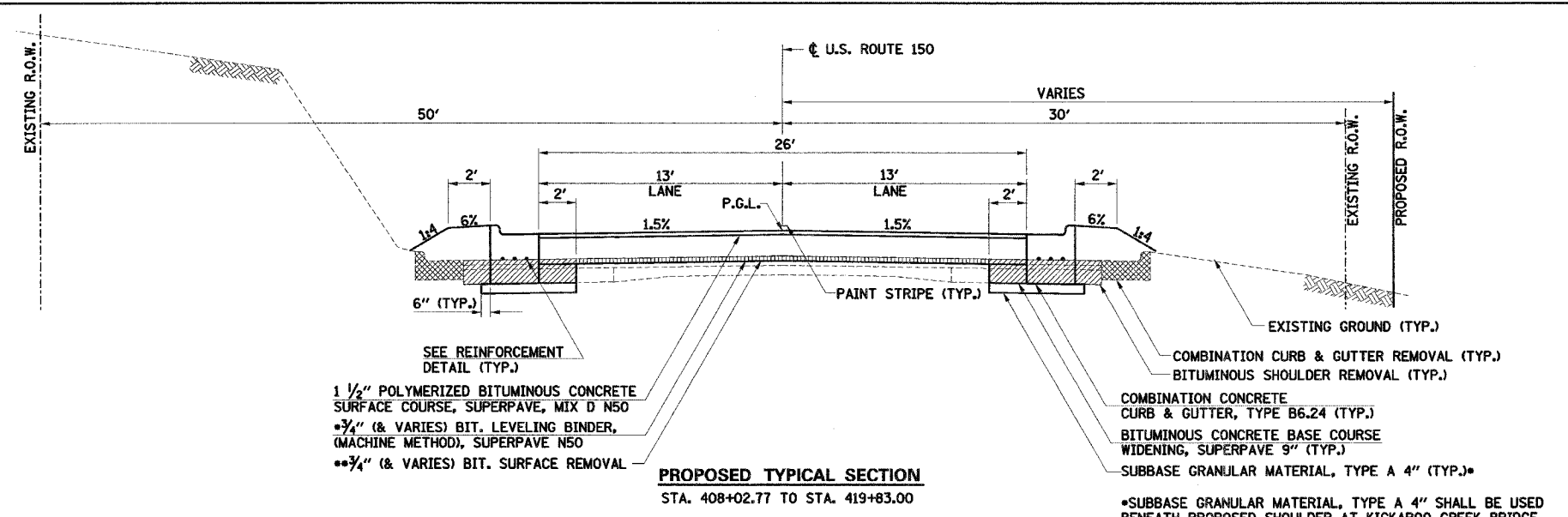


MIX DESIGN

	SUPERPAVE BINDER	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE	SUPERPAVE BASE COURSE	SUPERPAVE SHOULDERS
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22	PG58-22
MAX % RAP ALLOWABLE**	25%	25%	15%	25%	40%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	2.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0	BAM
FRICTION AGGREGATE			MIXTURE C		
PLANT CONTROL LIMITS	CLASS I	CLASS I	CLASS I	CLASS I	NON-CLASS I
DENSITY CONTROL METHOD	CORES/CORRELATION	*	CORRELATION	*	*

* 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 91.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** IF MORE THAN 15 PERCENT RAP IS USED IN THE SHOULDERS, BASE COURSE, BINDER AND LEVELING BINDER MIXES, THE GRADE OF ASPHALT CEMENT SHALL BE PG58-28.



NOTES:

STA. 437+43.00 TO STA. 438+84.82 - SUPERELEVATION TRANSITION.
STA. 438+84.82 TO STA. 439+84.82 - LANE WIDTH TRANSITIONS FROM 13' TO 11'.

* BITUMINOUS LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50 SHALL MEET THE SPECIFICATIONS OF BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 WHEN LIFTS OF 2 1/4" OR MORE CAN BE PLACED. SEE SPECIAL PROVISIONS.

** BITUMINOUS SURFACE REMOVAL DEPTH SHALL BE 3/4" AT THE CENTERLINE. MILLED SURFACE SHALL MAINTAIN THE PROPOSED PAYEMENT CROSS-SLOPE AT THAT LOCATION. NO MILLING REQUIRED WHEN THE EXISTING CROSS-SLOPE ALLOWS FOR THE 3/4" MINIMUM THICKNESS OF LEVELING BINDER TO BE PLACED.

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.S. 1517 (U.S. ROUTE 150)
PROPOSED TYPICAL SECTIONS

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

DATE _____ BY _____
SURVEYED _____
ALIGNED _____
CHECKED _____
FILE NO. _____

DATE _____ BY _____
PROFILE SURVEYED _____
GRADE CHECKED _____
NOTE BOOK _____
NO. _____
STRUCTURE NOTATIONS CHECKED _____

COMPANY NAME: #COMPANY NAME#
PROJECT CONTACT: #PROJECT CONTACT#
CLIENT: #CLIENT#
#DATE# #TIME#
#FILES#