

# DRAINAGE DESIGN DOCUMENTATION

PRELIMINARY

STATE PROJECT NO.: FD04 083 10460 006-009

FINAL

FEDERAL PROJECT NO.:

COUNTY: MENIFEE

ITEM NO.: 10-8802.0

EMARS NO.: 8943301D

ROAD NAME: US460

REVIEW STATUS

SUBMITTED BY: CDP ENGRS.

ROUTE NO.: US 460

DESIGNED BY: K. COX

STATION TO STATION: 7+00 - 124+72

CO DRAINAGE: R.THOMAS

BRIDGE

INLET SPACING

DRY BRIDGE

STORM SEWER

BOX CULVERT

CHANNEL CHANGE

ARCH CULVERT

CHANNEL LINING

PIPE CULVERT

OTHER



KENTUCKY TRANSPORTATION CABINET  
DIVISION OF HIGHWAY DESIGN

# DESIGN EXECUTIVE SUMMARY

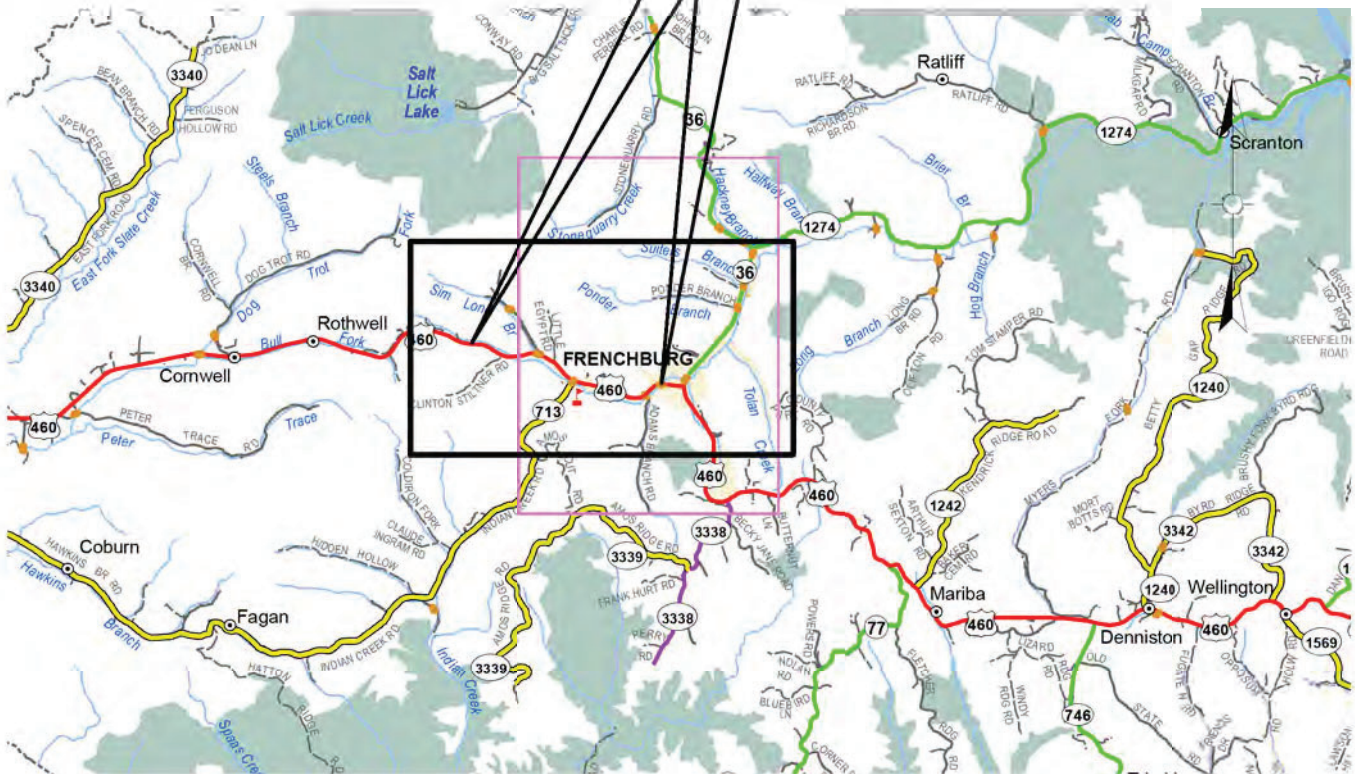
## PROJECT VICINITY MAP

ITEM NO. 10-8802.00

US 460

MENIFEE COUNTY

STA. 7+00 TO STA. 124+72  
MAJOR WIDENING OF US 460



# DRAINAGE STRUCTURE SUMMARY

Line	Station	Length	Analysis*	Q100 at Outfall (cfs)		
				Existing	Proposed	
MAIN	9+00	118 lf - 18" Storm Sewer		28	30	
	14+79	77 lf - 30" Pipe		26.5	32	
	"	22+79	64 lf - 24" RCP		22	25
	"	28+68	82 lf - 12'x4' RCBC		110	125
	"	33+68	64 lf - 30" Pipe		27	33
	"	48+00	28 lf - 12'x6' Dbl RCBC		115	130
	"	56+83	104 lf - RCBC		90	95
	"	79+77	146 lf - 8'x5' RCBC		209	212
	"	82+80	85 lf - 30" Pipe		24	25
	"	87+62	120 lf - 48" Pipe		100	115
	"	121+83	94 lf - 7'x4' RCBC		202	207
	"	200+00	150 lf, Bridge	Advanced	2500	no change
	Clinton	27+87	52 lf - 18" RCP		15	21
	"	58+24	8 lf - 18 " Pipe Ext.		19	no change

\* - Advanced denotes 1 or 2 dimensional hydraulic modeling, scour analysis or other complicated or involved analysis technique. Blank denotes typical analysis.

