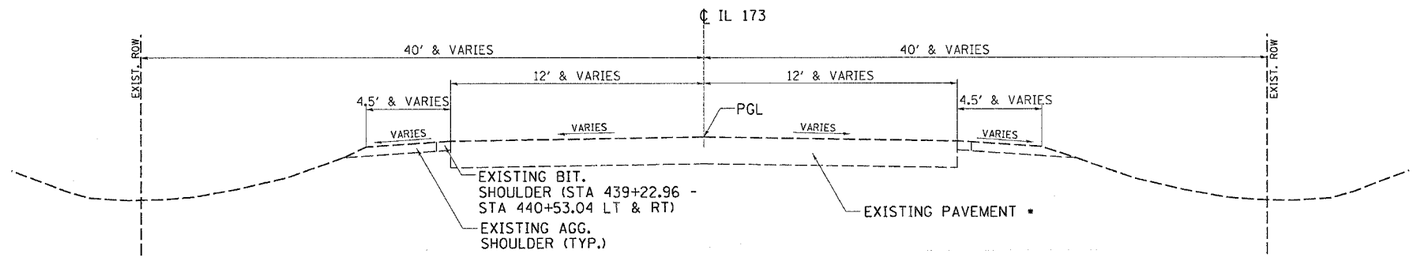
CONTRACT NO. 64800

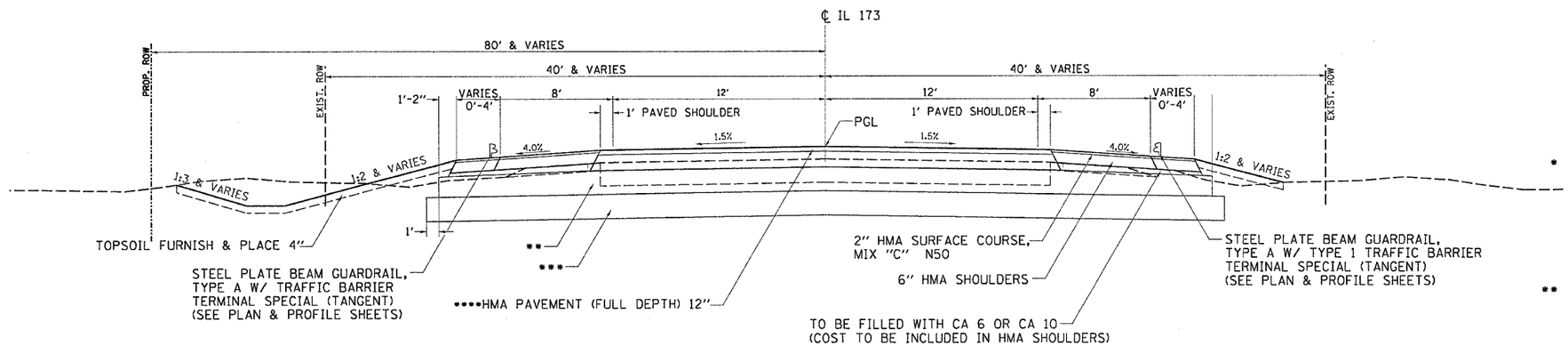
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	130BR-4	BOONE	147	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS



EXISTING TYPICAL SECTION

STA. 432+96 TO STA. 446+96



PROPOSED TYPICAL SECTION

STA. 432+96 TO STA. 438+92.96 & STA. 440+83.04 TO STA. 446+96

* PAVEMENT REMOVAL LIMITS
STA. 432+96 TO STA. 437+50
STA. 438+85 - STA. 439+51.88
STA. 442+00 TO STA. 446+96

PAVEMENT BREAKING LIMITS
STA. 437+50 TO STA. 438+85
STA. 441+18.50 TO STA. 442+00

** STA. 432+96 TO STA. 437+50 &
STA. 442+00 TO STA. 446+96
18" GRANULAR SUBBASE MTL TY A WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

STA. 437+50 TO STA. 438+92.96 &
STA. 440+83.04 TO STA. 442+00
12" GRANULAR SUBBASE MTL TY A

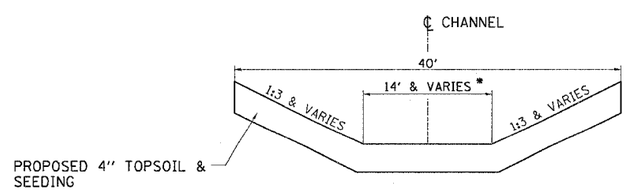
*** STA. 440+25 TO STA. 440+83.04
36" QUARRY RUN GRANULAR EMBANKMENT WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SEE BITUMINOUS SCHEDULE & SCHEDULE OF QUANTITIES)

**** 2" POLYMER HMA SURFACE COURSE, MIX "D" N50 (112 LBS/SQ YD/IN)

2¼" POLYMER BINDER COURSE, IL-19 N50

7¾" HMA BINDER COURSE, IL-19 N50

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT					
STRUCTURAL DESIGN TRAFFIC:		YEAR	2018		
PV =	5520	SU =	205	MU =	275
ROAD/STREET CLASSIFICATION:		Class	II		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:					
P =	50	S =	50	M =	50
TRAFFIC FACTOR:	Actual TF =	1.3		Minimum TF =	3.81
AC Type =	20		AC Mixture Temp. =	76°F	
AC Mixture Modulus =	650		Design Strain =	69	
AC GRADE:	Binder:			Surface =	SBS PG 64-28
	2-1/4"	SBS PG 64-28			
	7-3/4"	PG 64-22			
Flexible Pavement Thickness =	12"	Surface =	2"	Binder =	10"
SUBGRADE SUPPORT RATING:					
SSR =	Poor	(Sta.	432+96	to	446+96)



* PROPOSED STREAM CHANNEL SECTION

PROPOSED BEAVER CREEK CHANNEL SECTION

STA. 999+50 TO STA. 1002+25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

DRAWN BY

CHECKED BY

PLOT DATE = Fri Dec 15 08:47:28 2006
FILE NAME = c:\pw_pw1\b2838821\d838821cpu.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = dittlerso

IL 173 TYPICAL SECTIONS