

RCP, TYPE B WITH FILTER
T = 30"

POINT No.	STATION	OFFSET
1	143+56	14.57' LT
2	143+77	17.09' LT
3	143+77	23.64' LT
4	143+77	31.14' LT
5	143+77	37.23' LT
6	143+50	40.88' LT
7	142+92	44.53' RT
8	142+55	46' RT
9	142+54	39.93' RT
10	142+80	38.59' RT
11	142+78	25.48' RT
12	142+52	26.92' RT
13	142+50	18.97' RT
14	142+75	16.97' RT

BENCHMARK DATA

BM #1 STA. 141+17.42,	ELEV. 808.24,	OFFSET 18.10',	LT
BM #2 STA. 141+58.35,	ELEV. 808.70,	OFFSET 21.37',	RT
BM #3 STA. 145+83.74,	ELEV. 813.51,	OFFSET 15.49',	LT
BM #4 STA. ,	ELEV. ,	OFFSET ,	

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET 14/45

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2012 ADT = 1500 2012 ADTT = 105
 2032 ADT = 1600 2032 ADTT = 112
 DIRECTIONAL DISTRIBUTION = 0.55

LEGEND

◆ BORING LOCATION

HYDRAULIC DATA

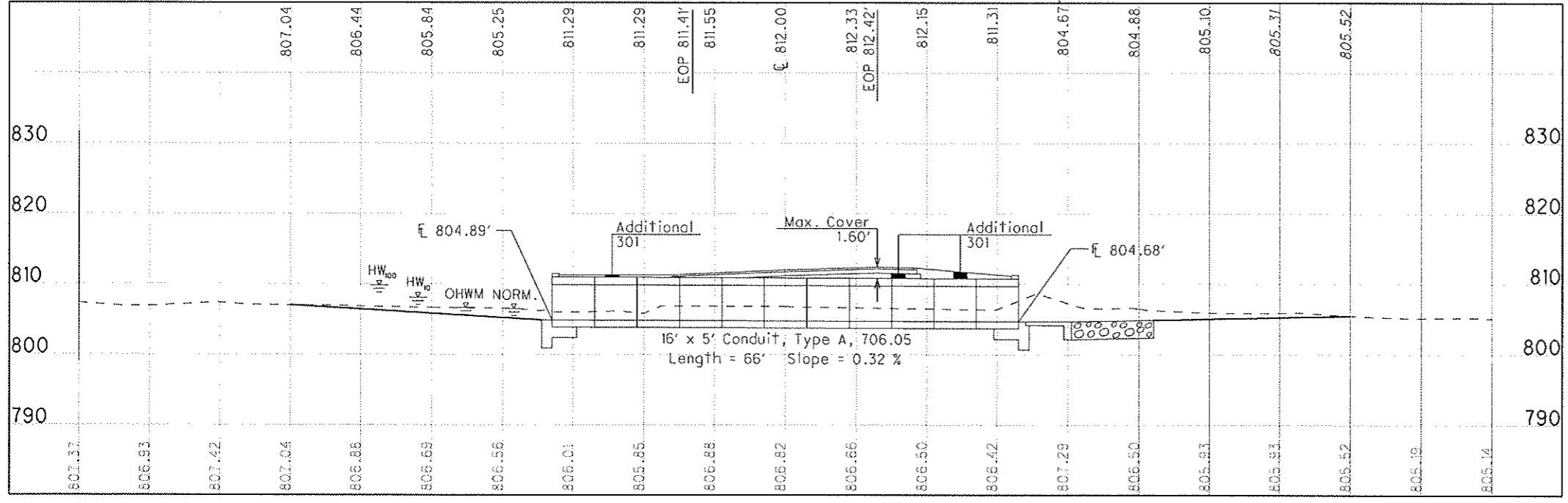
DRAINAGE AREA = 0.91 SQ. MILES
 O (10) = 275 CFS V (10) = 8.21 FT/S HW (10) = 808.09 FT
 O (100) = 511 CFS V (100) = 11.38 FT/S HW (100) = 809.80 FT
 STRUCTURE CLEARS THE 10 YEAR OHWM = 806.65 FT
 DESIGN HW BY 1.59 FEET. NORM. = 806.50 FT

EXISTING STRUCTURE

TYPE: SINGLE SPAN CONCRETE SLAB
 SPANS: 18'-3"
 ROADWAY: 26'-3" F/F RAILS
 LOADING: S-15-46
 SKEW: 38°50' LF
 APPROACH SLABS: NONE
 ALIGNMENT: 5° LC
 CROWN: 0.083 FT/FT
 STRUCTURAL FILE NUMBER: 3703576
 DATE BUILT: 1958
 DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

TYPE: 16' x 5' Reinforced Concrete Box Culvert
 ROADWAY: 26' F/F RAILS
 LOADING: HL-93
 SKEW: 40°00'39" LF
 ALIGNMENT: 10°03'07" LC
 COORDINATES: LATITUDE 39°24'31"
 LONGITUDE 82°21'16"



PROFILE ALONG CHANNEL B