

BENCHMARK DATA			
BM #1 STA.	308+93.25	ELEV.	772.69, OFFSET 19.30' LT
BM #2 STA.	313+65.35	ELEV.	769.64, OFFSET 32.08' RT
BM #3 STA.		ELEV.	, OFFSET
BM #4 STA.		ELEV.	, OFFSET

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET 15/45

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

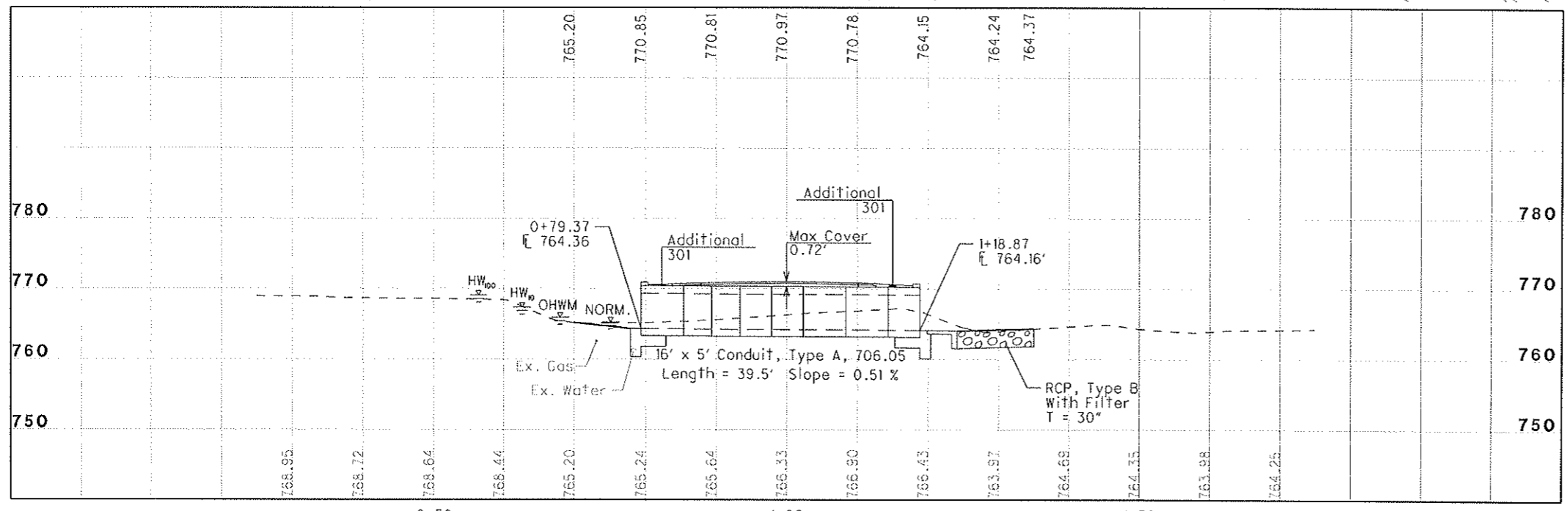
⊕ BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 0.62 SQ. MILES
 Q (10) = 252 CFS V (10) = 7.98 FT/S HW (10) = 767.38 FT
 Q (100) = 488 CFS V (100) = 13.07 FT/S HW (100) = 769.08 FT
 STRUCTURE CLEARS THE 10 YEAR OHWM = 765.94 FT
 DESIGN HW BY 1.78 FEET. NORMAL = 765.27

EXISTING STRUCTURE	
TYPE:	STEEL BEAM
SPANS:	13'-0" c/c BEARINGS
ROADWAY:	25'-3" F/F RAILS
LOADING:	S-27.5
SKEW:	5° RF
APPROACH SLABS:	NONE
ALIGNMENT:	3° LC
CROWN:	
STRUCTURAL FILE NUMBER:	3703665
DATE BUILT:	1957
DISPOSITION:	TO BE REMOVED

PROPOSED STRUCTURE	
TYPE:	16' X 5' REINFORCED CONCRETE BOX CULVERT
ROADWAY:	30'-0" F/F RAILS
LOADING:	HL93
SKEW:	9°47'51" RF
APPROACH SLABS:	NONE
ALIGNMENT:	5°29'13" LC
COORDINATES:	LATITUDE 39°26'59" LONGITUDE 82°21'30"



PROFILE ALONG CHANNEL BASELINE

DESIGN AGENCY: OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 10 - PLANNING AND ENGINEERING MARIETTA, OHIO
 DATE: 7-14-11
 REVISIONS: SWL 7-14-11 STRUCTURE FILE NUMBER: 3703665
 DRAWN: JPH
 CHECKED: JPH
 HOCKING COUNTY STA. 313+09.87 STA. 313+28.13
 SITE PLAN BRIDGE NO. HOC-328-0593 OVER UNNAMED STREAM
 HOC-328-2.70/5.93 PID No. 25094
 1/6
 35/45