

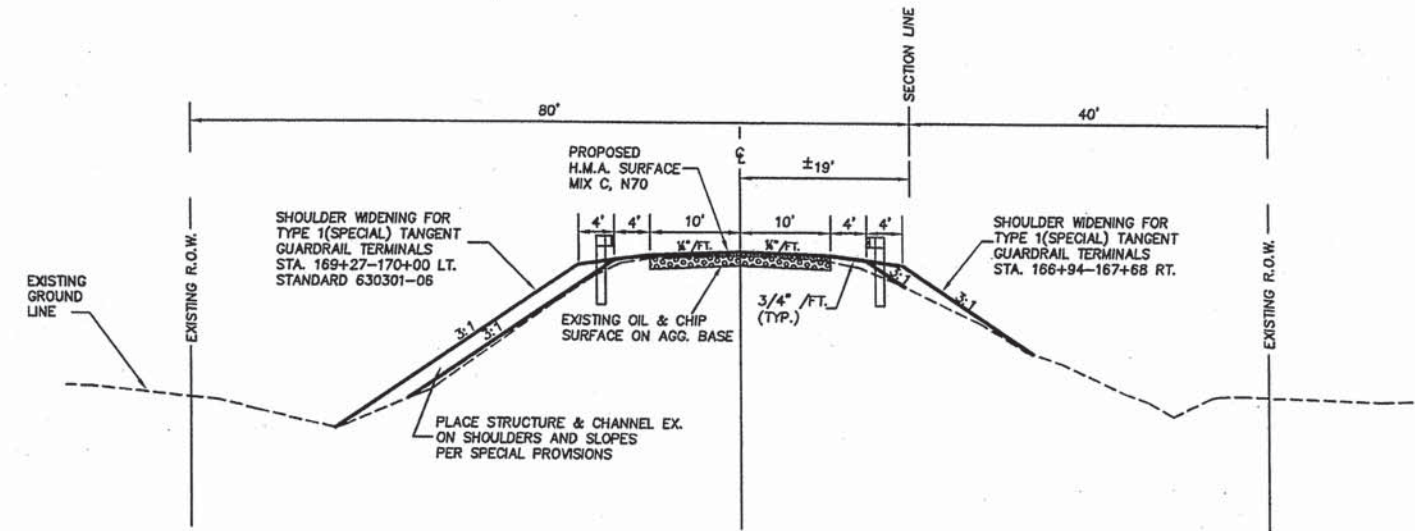
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 9 WRINGE ROAD	10-00097-00-BR	CLINTON	13	2
FEDERAL AID PROJECT		CONTRACT NO. 97556		

LOCATION OF WORK

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20300100	CHANNEL EXCAVATION	CU. YD.	411
20400800	FURNISHED EXCAVATION	CU. YD.	99
28000315	AGGREGATE DITCH CHECKS	TON	24
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	173
40603315	HOT-MIX ASPHALT SURFACE, MIX C, N70	TON	70
50100100	REMOVAL OF EXISTING STRUCTURE	EACH	1
50300225	CONCRETE STRUCTURES	CU. YD.	53
50300280	CONCRETE ENCASEMENT	CU. YD.	37.8
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ. FT.	4,410
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7,625
50900205*	STEEL RAILING, TYPE S1	FOOT	318
51201600	FURNISHING STEEL PILES, HP 12X53	FOOT	440
51201800	FURNISHING STEEL PILES, HP 14X73	FOOT	980
51202305	DRIVING PILES	FOOT	1,530
51203600	TEST PILE STEEL HP 12X53	EACH	2
51203800	TEST PILE STEEL HP 14X73	EACH	2
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ. YD.	495
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU. YD.	20
63100075*	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
63100167*	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2
67100100	MOBILIZATION	L. SUM	1
78201000*	TERMINAL MARKER DIRECT APPLIED	EACH	2
XX001717	GROUTING OF STONE DUMPED RIPRAP	CU. YD.	50

\* SPECIALTY ITEMS



EXISTING & PROPOSED ROADWAY TYPICAL SECTION

STA. 167+00 - STA. 170+00

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 167+00 TO STA. 170+00	0	0	425	-425
ALLOWANCE FOR CHANNEL EXCAVATION	411	308		+308
ALLOWANCE FOR STRUCTURE EXCAVATION	24	18		+18
TOTAL	435	326	425	-99

EXTRA BARS FOR TEST SAMPLES  
BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH	SHAPE
h <sub>2</sub> (E)	1	#4	28'-6"	—
v (E)	1	#5	8'-9"	—
u (E)	1	#6	11'-1"	□
p (E)	1	#7	28'-2"	—

105 LBS OF TEST BARS

CONTRACTOR SHALL PLACE SUITABLE CHANNEL EXCAVATION MATERIAL ON SLOPES AS DIRECTED BY ENGINEER. ALL OTHER UNSUITABLE CHANNEL EXCAVATION MATERIAL SHALL HAULED OFF AND DISPOSED OF AS PER ARTICLE 202.03. THIS WORK SHALL BE INCLUDED IN THE COST PER CU. YD. FOR CHANNEL EXCAVATION.

GENERAL NOTES

- ALL ELEVATION REFER TO U.S.G.S. MEAN SEA LEVEL
- UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY ON HIS OPERATIONS ACCORDINGLY.
- ALL FENCE REMOVAL, TEMPORARY SEEDING AND FINAL SEEDING OF DISTURBED AREAS WILL BE DONE BY OTHERS.

COMMITMENTS

NONE

GENERAL NOTES  
SUMMARY OF QUANTITIES  
TYPICAL ROADWAY CROSS SECTIONS

C.H. 9 (WRINGE ROAD)  
OVER TRIB. TO BEAVER CREEK  
SECTION 10-00097-00-BR  
CLINTON COUNTY

△ Revised 6/5/14