GENERAL SUMMARY

ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION
				ROADWAY
201		1	LUMP	CLEARING & GRUBBING (SEE GENERAL NOTES SHEET)
202		62	LIN. FT.	PIPE REMOVED, 24" & UNDER
202		1	LUMP	STRUCTURE REMOVED (17-16.60) OVER 20' SPAN (TO INCLUDE RDWY. IN S.E. QUAD.)
202		1	EACH	CATCH BASIN REMOVED
203		7	CU. YD.	EXCAVATION (INCLUDES FULL DEPTH PAVEMENT REMOVAL AS SHOWN ON PLAN & X-SEC. SHEET)
203		164	CU. YD.	EMBANKMENT
204		136	SQ. YD.	SUBGRADE COMPACTION
517		50	LIN. FT.	RAILING, (DEEP BEAM RAIL W/STEEL TUBULAR BACKUP,
				STEEL POSTS & ANCHORING SYSTEM)
606		100	LIN. FT.	GUARDRAIL, TYPE 5, (AS PER PLAN)
				EROSION CONTROL
601		130	CU. YD.	ROCK CHANNEL PROTECTION, TYPE D W/O FILTER (AS PER PLAN)
659		–	M. GAL.	WATER (TO BE PERFORMED BY COUNTY FORCES)
659		–	SQ. YD.	SEEDING & MULCHING (TO BE PERFORMED BY COUNTY FORCES)
659		–	TON	COMMERCIAL FERTILIZER (TO BE PERFORMED BY COUNTY FORCES)
				DRAINAGE
503		1	LUMP	UNCLASSIFIED EXCAVATION (INCLUDES ANY CUTS & FILLS REQUIRED TO SATISFY ANY OSHA TRENCH REQUIREMENTS)
512		135	SQ. YD.	TYPE 2, MEMBRANE WATERPROOFING (SEE GENERAL NOTES SHEET 2)
603		25	LIN. FT.	6" CONDUIT, TYPE E, 707.33
603		10	LIN. FT.	8" CONDUIT, TYPE E, 707.32
603		55	LIN. FT.	15" CONDUIT, TYPE E, 707.33
603		1	LUMP	CONDUIT, TYPE A, 706.051
				PRECAST REINFORCED CONC. THREE SIDED FLAT TOPPED CULVERT, 18' SPAN X 12' RISE –
				(18.28' CLEAR SPAN), 10° SKEW, TO INCLUDE ALL FOOTINGS, STUBWALLS, & WINGWALLS. (AS PER PLAN)
				PAVEMENT
301		14	CU. YD.	ASPHALT CONCRETE BASE
304		26	CU. YD.	AGGREGATE BASE
407		16	GAL.	TACK COAT (APPLIED AT THE RATE OF 0.05 GAL./S.Y.)
448		11	CU. YD.	ASPHALT CONCRETE SURFACE COURSE
				MISCELLANEOUS
614		1	LUMP	MAINTAINING TRAFFIC
623		1	LUMP	CONSTRUCTION LAYOUT STAKES
624		1	LUMP	MOBILIZATION
103.05		1	LUMP	CONTRACT PERFORMANCE & PAYMENT BOND

SUB-SUMMARY

REF. NO.	STATION FROM	STATION TO	SIDE	ROAD	202 PIPE REMOVED, 24" & UNDER (LIN. FT.)	202 STRUCTURE REMOVED 17-16.60 OVER 20' SPAN (TO INCLUDE RDWY. IN S.E. QUAD.) (LUMP)	202 CATCH BASIN REMOVED (EACH)	601 ROCK CHANNEL PROTECTION, TYPE D W/O FILTER (AS PER PLAN) (CU. YD.)	603 6" CONDUIT TYPE E 707.33 (LIN. FT.)	603 8" CONDUIT TYPE E 707.32 (LIN. FT.)	603 15" CONDUIT TYPE E 707.33 (LIN. FT.)	603 CONDUIT, TYPE A 706.051 (LUMP) (PRECAST REINFORCED CONC. THREE SIDED FLAT TOPPED CULVERT, 18' SPAN X 12' RISE – (18.28' CLEAR SPAN), 10° SKEW, TO INCLUDE ALL FOOTINGS, STUBWALLS, & WINGWALLS. (AS PER PLAN)	517 DEEP BEAM RAIL W/STEEL TUBULAR BACKUP, STEEL POSTS, & ANCHORING SYSTEM) (LIN. FT.)	606 GUARDRAIL TYPE 5 (AS PER PLAN) (LIN. FT.)	SHEET NUMBER
1R	4+34	5+01	L&R	17		1									5
2R	4+91	5+00	LT.	17	9										5-6
3R	4+77	4+95	RT.	17	18										5-6
4R	4+08	–	RT.	17			1								5-6
5R	4+08	4+43	RT.	17	35										5-6
1D	4+60.02 (C/L STR.)	4+79.98 (C/L STR.)	L&R	17								1			3-5-6
2D	4+74	4+95	RT.	17					25						5-6
3D	4+91	5+00	LT.	17						10					5-6
4D	4+02	4+57	RT.	17							55				5-6
1RCP	WESTERLY SIDE OF STRUCTURE		LT.	17				46							1-3
2RCP	THRU STRUCTURE		L&R	17				38							1-3
3RCP	EASTERLY SIDE OF STRUCTURE		RT.	17				46							1-3
1GR	4+35.57	4+47.71	LT.	17									12.5		3-5-6
	4+47.71	4+60.21	LT.	17									12.5		3-5-6
	4+60.21	4+85.21	LT.	17								25.0			3-5-6
	4+85.21	4+97.71	LT.	17									12.5		3-5-6
	4+97.71	5+09.85	LT.	17									12.5		3-5-6
2GR	4+30.15	4+42.29	RT.	17									12.5		3-5-6
	4+42.29	4+54.79	RT.	17									12.5		3-5-6
	4+54.79	4+79.79	RT.	17								25.0			3-5-6
	4+79.79	4+92.29	RT.	17									12.5		3-5-6
	4+92.29	5+04.43	RT.	17									12.5		3-5-6
TOTALS					62	1	1	130	25	10	55	1	50.0	100	

DEPARTMENT OF HIGHWAYS
HENRY COUNTY, OHIO

GENERAL SUMMARY
& SUB-SUMMARY

BRIDGE NO. HEN-17-16.60
OVER DITCH 134
NAPOLEON TWP.

Designed:	Drawn:	Checked:	File Name
R.L.G	S.J.K	R.L.G	G:\WEB/TRIV BRIDGES/17-16.60/GEN-SUMM