GENERAL SUMMARY

— ROADWAY —		F.A.P. 666I(1)	F.A.P. 5(3)		Total
Item No		Quantity	Quantity	Unit	Quantities
E-1	Roadway Excavation (Unclassified)	2938	240	Cu. Yds.	3178
E-4	Borrow (Contractor to furnish)	8144	126	Cu. Yds.	8270
E-8	Removal and Disposal of Existing Pavement	10630.7	946	Sq. Yds.	11576.7
E-9	Trees and Stumps Removed and Disposed of	81	3	Each	84
E-10	Sealing Edge of New Pavement	16469.8	798.3	Lin. Ft.	17268.1
E-10	(Sealing Only) Existing Pavement or Base edge	9713.3	50.0	Lin. Ft.	9763.3
E-11	Watering Embankments (Estimated)	49	1	M Gals.	50
E-5	Finishing Shoulders, Slopes and Ditches	8198	463	Lin. Ft.	8661
I-2	12" Pipe for Storm Sewers	11096		Lin. Ft.	11096
I-2	18" Pipe for Storm Sewers	1145		Lin. Ft.	1145
I-2	21" Pipe for Storm Sewers	300		Lin. Ft.	300
I-4	6" Pipe for Underdrains (estimated)	450	50	Lin. Ft.	500
S-1	Concrete for Cradles and Cutoff Walls (1-5½ Mix)	4.6		Cu. Yds.	4.6
I-8	Standard No 1 Manholes	2		Each	2
I-8	Standard No 1 Side Ditch Inlets	8		Each	8
I-8	Standard No 2 Curb Inlets	60		Each	60
I-8	Standard No 4 Curb Inlets	6		Each	6
S-22	2 Existing Inlets Partially Removed and Capped (as directed)	Lump			Lump
I-9	Stone Underdrains (French Drain No. 2) (To be placed where directed)	276		Lin. Ft.	276
I-13	4" Concrete Sidewalk	27409		Sq. Ft.	27409
I-13	6" Concrete Sidewalk	4960		Sq. Ft.	4960
I-17	Aggregate for Traffic Bound Side Approaches	353	15	Cu. Yds.	368
I-8	Monument Box Assembly (Complete in Place)	13		Each	13
I-8	Bench Mark Assembly (Complete in Place)	6		Each	6
I-14	Salvage Brick Gutter (Grouted)		200	Lin. Ft.	200

— PAVEMENT —					
B-11	Insulation Course 1¼"	9505.8	921.7	Sq. Yds.	10,427.5
B-50	Hot-mixed, Hot-laid Asphaltic Concrete Leveling Course	1287	70	Cu. Yds.	1357
B-50	Hot-mixed, Hot-laid Asphaltic Concrete Base Course	923	87	Cu. Yds.	1010
T-30	Bituminous Prime Coat	1646.	33	Gals.	1679.
T-50	2½" Hot-mixed, Hot-laid Asphaltic Concrete Surface Course	17365.6	945.6	Sq. Yds.	18,311.2
T-150	Hot-mixed, Hot-laid Asphaltic Concrete Surface Course	1.0	8.0	Cu. Yds.	9.0
T-71	9"-7"-7"-9" Reinforced Portland Cement Concrete Pav'm't.	20584.7	1123.4	Sq. Yds.	21,708.1
I-7	Trench Reinforcing Steel	5007		Lbs.	5007
I-12	Type 4-A Concrete Curb	15803.4	475.3	Lin. Ft.	16278.7

— STRUCTURES — (20 FT. SPAN AND UNDER)					
E-2	Excavation for Structures (Unclassified)	217.0		Cu. Yds.	217.0
S-1	Concrete for plugging existing structures (1-5½ mix)	0.2		Cu. Yds.	0.2
S-22	Removal of Portions of Existing Structures	7.0		Cu. Yds.	7.0
S-27	15" Pipe for Roadway Culverts	256.0		Lin. Ft.	256.0
S-27	21" Pipe for Roadway Culverts	44		Lin. Ft.	44
I-2	12" Pipe for Storm Sewers	4.0		Lin. Ft.	4.0
I-6	12" Pipe Removed and Stored	16.0		Lin. Ft.	16.0
I-8	Standard No 1 Manholes	1		Per Each	1

— ROADSIDE IMPROVEMENT —					
L-7	12" Sandstone Riprap For Tree Protection Walls	16		Sq. Yds.	16
L-7	12" Salvage Concrete Riprap For Tree Protection Walls	249	8	Sq. Yds.	257
L-8	#3-A Aggregate For Tree Root Aeration	531	22	Cu. Yds.	553

CURVE TABLES

P.C. 0-242.63 D=1°-00' P.T. 3+22.37

LEFT Ded. from ℄	LEFT Elev. at Edge Pave	LEFT Width	CENTER Station	CENTER ℄ Elevation	RIGHT Width	RIGHT Elev. at Edge Pave	RIGHT Add to Left Edge
0.42	672.44	20	0-392.63	672.86	20	672.44	0.00
0.45	672.55		0-375	673.00		672.57	0.02
0.48	672.80		0-350	673.28		672.94	0.14
0.52	673.00		0-325	673.52		673.34	0.34
0.55	673.16		0-300	673.71		673.75	0.59
0.59	673.24		0-275	673.83		674.02	0.78
0.62	673.28		0-250	673.90		674.11	0.83
0.63	673.28		0-242.63	673.91		674.12	0.84
	673.30		0-225	673.93		674.14	
	673.34		0-200	693.97		674.18	
	673.37		0-175	674.00		674.21	
	673.41		0-150	674.04		674.25	
	673.44		0-125	674.07		674.28	
	673.48		0-100	674.11		674.32	
	673.51		0-75	674.14		674.35	
	673.54		0-50	674.17		674.38	
	673.55		0-25	674.18		674.39	
	673.56		0+00	674.19		674.40	
	673.57		0+25	674.20		674.41	
	673.57		0+50	674.20		674.41	
	673.55		0+75	674.18		674.39	
	673.54		1+00	674.17		674.38	
	673.52		1+25	674.15		674.36	
	673.49		1+50	674.12		674.33	
	673.46		1+75	674.09		674.30	
	673.41		2+00	674.04		674.25	
	673.36		2+25	673.99		674.20	
	673.30		2+50	673.93		674.14	
	673.24		2+75	673.87		674.08	
	673.16		3+00	673.79		674.00	
	673.09		3+22.37	673.72		673.93	
0.63	673.08		3+25	673.71		673.92	0.84
0.59	673.05		3+50	673.64		673.83	0.78
0.56	673.01		3+75	673.57		673.64	0.63
0.52	672.97		4+00	673.49		673.36	0.39
0.49	672.93		4+25	673.42		673.10	0.17
0.45	672.89		4+50	673.34		672.93	0.04
0.42	672.85	20	4+72.37	673.27	20	672.85	0.00

P.C. 24+92.76 D=1°-20' P.T. 37+35.92

LEFT Add to Rt. Edge	LEFT Elev. at Edge Pave	LEFT Width	CENTER Station	CENTER ℄ Elevation	RIGHT Width	RIGHT Elev. at Edge Pave	RIGHT Ded. from ℄
0.00	671.92	20'	23+32.76	672.34	20'	671.92	0.42
0.03	671.92		+50	672.31		671.89	
0.16	672.01		+75	672.27		671.85	
0.39	672.20		24+00	672.23		671.81	
0.72	672.49		+25	672.19		671.77	
0.96	672.69		+50	672.15		671.73	
1.09	672.78		+75	672.11		671.69	
1.12	672.78		+92.76	672.08		671.66	
	672.77		25+00	672.07		671.65	
	672.73		+25	672.03		671.61	
	672.71		+50	672.01		671.59	
	672.69		+75	671.99		671.57	
	672.68		26+00	671.98		671.56	
	672.67		+25	671.97		671.55	
	672.68		+50	671.98		671.56	
	672.69		+75	671.99		671.57	
	672.71		27+00	672.01		671.59	
	672.74		+25	672.04		671.62	
	672.78		+50	672.08		671.66	
	672.82		+75	672.12		671.70	
	672.88		28+00	672.18		671.76	
	672.94		+25	672.24		671.82	
	673.01		+50	672.31		671.89	
	673.08		+75	672.38		671.96	
	673.17		29+00	672.47		672.05	
	673.26		+25	672.56		672.14	
	673.35		+50	672.65		672.23	
	673.44		+75	672.74		672.32	
	673.53		30+00	672.83		672.41	
	673.62		+25	672.92		672.50	
	673.71		+50	673.01		672.59	
	673.80		+75	673.10		672.68	
	673.89		31+00	673.19		672.77	
	673.99		+25	673.29		672.87	
	674.10		+50	673.40		672.98	
	674.22		+75	673.52		673.10	
	674.36		32+00	673.66		673.24	
	674.51		+25	673.81		673.39	
	674.68		+50	673.98		673.56	
	674.86		+75	674.16		673.74	
	675.05		33+00	674.35		673.93	
	675.25		+25	674.55		674.13	
	675.45		+50	674.75		674.33	
	675.64		+75	674.94		674.52	
	675.82		34+00	675.17		674.70	
	675.98		+25	675.28		674.86	
	676.13		+50	675.43		675.01	
	676.26		+75	675.56		675.14	
	676.38		35+00	675.68		675.26	
	676.48		+25	675.78		675.36	
	676.57		+50	675.87		675.45	
	676.64		+75	675.94		675.52	
	676.70		36+00	676.00		675.58	
	676.74		+25	676.04		675.62	
	676.77		+50	676.07		675.65	
	676.78		+75	676.08		675.66	
	676.78		37+00	676.08		675.66	
	676.76		+25	676.06		675.64	
1.12	676.74		+35.92	676.04		675.62	
1.10	676.71		+50	676.03		675.61	
0.99	676.56		+75	675.99		675.57	
0.75	676.28		38+00	675.95		675.53	
0.44	675.93		+25	675.91		675.49	
0.22	675.67		+50	675.87		675.45	
0.05	675.46		+75	675.83		675.41	
0.00	675.38	20'	+95.92	675.80	20'	675.38	0.42

P.C. 76+37.36 D=1°30' P.T. 81+09.58

LEFT Ded. from ℄	LEFT Elev. at Edge Pave	LEFT Width	CENTER Station	CENTER ℄ Elevation	RIGHT Width	RIGHT Elev. at Edge Pave	RIGHT Add to Left Edge
0.42	672.88	20'	74+57.36	673.30	20'	672.88	0.00
	672.86		+75	673.28		672.88	0.02
	672.82		75+00	673.24		672.96	0.14
	672.79		+25	673.21		673.14	0.35
	672.76		+50	673.18		673.41	0.65
	672.73		+75	673.15		673.70	0.97
	672.70		76+00	673.12		673.83	1.13
	672.66		+25	673.08		673.88	1.22
	672.65		+37.36	673.07		673.89	1.24
	672.63		+50	673.05		673.87	
	672.60		+75	673.02		673.84	
	672.57		77+00	672.99		673.81	
	672.53		+25	672.95		673.77	
	672.50		+50	672.92		673.74	
	672.47		+75	672.89		673.71	
	672.44		78+00	672.86		673.68	
	672.40		+25	672.82		673.64	
	672.37		+50	672.79		673.61	
	672.34		+75	672.76		673.58	
	672.31		79+00	672.73		673.55	
	672.27		+25	672.69		673.51	
	672.24		+50	672.66		673.48	
	672.21		+75	672.63		673.45	
	672.18		80+00	672.60		673.42	
	672.14		+25	672.56		673.38	
	672.11		+50	672.53		673.35	
	672.08		+75	672.50		673.32	
	672.04		81+00	672.46		673.28	
	672.02		+09.58	672.44		673.26	1.24
	671.98		+25	672.40		673.20	1.22
	671.92		+50	672.34		673.03	1.11
	671.86		+75	672.28		672.77	0.91
	671.78		82+00	672.20		672.39	0.61
	671.70		+25	672.12		672.02	0.32
	671.61		+50	672.03		671.80	0.19
	671.52		+75	671.94		671.54	0.02
0.42	671.46	20'	+89.58	671.88	20'	671.46	0.00

P.C. 50+20.21 D=1°-00' P.C. 53+50.21

LEFT Add to Rt. Edge	LEFT Elev. at Edge Pave	LEFT Width	CENTER Station	CENTER ℄ Elevation	RIGHT Width	RIGHT Elev. at Edge Pave	RIGHT Ded. From ℄
0.00	674.89	20	48+70.21	675.31	20	674.89	0.42
0.01	674.92		+75	675.33		674.91	
0.07	674.90		49+00	675.25		674.83	
0.22	674.97		+25	675.17		674.75	
0.49	675.16		+50	675.09		674.67	
0.69	675.28		+75	675.01		674.59	
0.81	675.32		50+00	674.93		674.51	
0.84	675.29		+20.21	674.87		674.45	
	675.27		+25	674.85		674.43	
	675.19		+50	674.77		674.35	
	675.11		+75	674.69		674.27	
	675.03		51+00	674.61		674.19	
	674.95		+25	674.53		674.11	
	674.87		+50	674.45		674.03	
	674.79		+75	674.37		673.95	
	674.71		52+00	674.29		673.87	
	674.64		+25	674.22		673.80	
	674.58		+50	674.16		673.74	
	674.54		+75	674.12		673.70	
	674.51		53+00	674.09		673.67	
	674.50		+25	674.08		673.66	
0.84	674.50		+50.21	674.08		673.66	
0.79	674.47		+75	674.10		673.68	
0.64	674.35		54+00	674.13		673.71	
0.42	674.17		+25	674.17		673.75	
0.18	673.97		+50	674.21		673.79	
0.05	673.88		+75	674.25		673.83	
0.00	673.87	20	55+00.21	674.29	20	673.87	0.42

FED. RD. DIST. NO	STATE	FEDERAL AID PROJECT	FISCAL YEAR
10	OHIO	666-I(1) 5(3)	1938

ASHTABULA COUNTY S.H. 2 SEC. M(PT.)
LAKE COUNTY S.H. 2 SEC. Q(PT.)