GENERAL SUMMARY

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

21/313

LAKE COUNTY
LAK-2-16.49

ITEM NO.	GENERAL NOTES AND SUB-SUMMARY		U 329(23)	F 329(23)	U 329(23)	F 329(23)	FG 329(23) SUB SUMMARY	SHEET NUMBER														TOTAL FG 329(23)	U 329(23)	F 329(23)	TOTAL U 329(23)	F 329(23)	TOTAL F329(23)	ITEM NO.	TOTAL PROJECT QUAN.	UNIT	DESCRIPTIONS (CODE TYPE 7221)
	16	17	18	18	23	23	18	24	25	26	27	28	29	29.5	30	31	32		301	301	22									100% State (F-329(23))
																														ROADWAY
E-1			280	850520			9117											9117			280	0	850,520	E-1	859917	C.Y.	ROADWAY EXCAVATION, METHOD "B" AS PER PLAN
E-1			1,196	95,020						290			123			73	11,593				1,196	40,409	147,508	E-1	148,704	S.Y.	COMPACTED SUBGRADE 5,015
E-4				7,662																	0	0	7,662	E-4	7,662	C.Y.	BORROW (GRANULAR MATERIAL), AS PER PLAN
E-8								180													0	0	180	E-8	180	S.F.	REMOVAL AND DISPOSAL OF EXISTING SIDEWALK
E-8																91					0	13,378	13,469	E-8	13469	S.Y.	REMOVAL AND DISPOSAL OF EXISTING PAVEMENT
E-8																					0	158	158	E-8	158	L.F.	REMOVAL AND DISPOSAL OF EXISTING CURB
E-9																					0	0	LUMP	E-9	LUMP	L.S.	REMOVAL OF TREES AND STUMPS
E-11			2	2945																	2	0	2,945	E-11	2,947	M-GAL.	WATER 60
I-4		6																			0	0	6	I-4	6	TONS	CALCIUM CHLORIDE FOR DUST CONTROL
I-8														22							0	0	22	I-8	22	EA.	CENTERLINE REFERENCE MONUMENTS, AS PER PLAN
I-8														7							0	0	7	I-8	7	EA.	STANDARD MONUMENT ASSEMBLIES
I-8	7																				0	0	7	I-8	7	EA.	INSPECTION WELLS, AS PER PLAN
I-15					562.5			1,375			600.0		525.0		2,200.0	2,875.0					562.5	5037.5	12,612.5	I-15	13,175.0	L.F.	GUARD RAIL STEEL BEAM STANDARD TYPE (DEEP)
I-15					75.0			75.0			150.0					150.0					75.0	0	375.0	I-15	450.0	L.F.	GUARD RAIL STEEL BEAM BARRIER TYPE (DEEP)
I-15																					0	388	388	I-15	388	L.F.	GUARD RAIL REMOVED AND DISPOSED OF
I-25																			835	20438	835	0	20438	I-25	21,273	L.F.	WOVEN WIRE FENCE TYPE 39
I-26																				6,020	0	0	6,020	I-26	6,020	L.F.	CHAIN LINK FENCE
L-9			1,149	314,601																	1,149	0	314,601	L-9	315750	S.Y.	SEEDING AND PROTECTING, AS PER PLAN
L-9			0.11	29.39																	0.11	0	29,39	L-9	29,50	TONS	COMMERCIAL FERTILIZER (12-12-12)
L-9			0.54	146.36																	0.54	0	146,36	L-9	147.50	TONS	AGRICULTURAL LIMING MATERIAL, AS PER PLAN
L-10								640		264			1,330		4	545	928				0	6,936	11,500	L-10	11,500	S.Y.	SODDING
L-10					60	65										194					60	207	466	L-10	526	S.Y.	SODDING FOR SPECIAL BERM AND SLOPE PROTECTION, AS PER PLAN
L-120								286		370		375	125		250		375				0	250	2,906	L-120	2,906	S.Y.	JUTE MATTING
T-10		200																			0	0	200	T-10	200	C.Y.	TRAFFIC COMPACTED SURFACE COURSE FOR MAINTAINING TRAFFIC
T-10		300																			0	0	300	T-10	300	C.Y.	TRAFFIC COMPACTED SURFACE COURSE FOR MAINTAINING TRAFFIC USING NO 2, NO 3 OR NO 34 SIZE AGGREGATE, AS PER PLAN
I-1																					0	50	50	I-1	50	L.F.	2" GALVANIZED STEEL PIPE, SEC M-6.9, USING TYPE 4 BACKFILL, AS PER PLAN
SPECIAL																3608					0	0	3608	SPECIAL	3608	C.Y.	SAND BLANKET, AS PER PLAN
SPECIAL																2					0	0	2	SPECIAL	2	EA.	SETTLEMENT PLATFORMS, AS PER PLAN
SS-CE 101.04			1	59.																	1	0	59	SS-CE 101.04	60	HRS.	COMPACTION, USING " HEAVY PNEUMATIC-TIRED ROLLER
																												PAVEMENT
B-19													17				2718				0	3071	5806	B-19	5806	C.Y.	AGGREGATE BASE COURSE 697
B-21			37	2825						24							24				37	657	3,530	B-21	3,567	C.Y.	WATERPROOFED AGGREGATE BASE COURSE
B-35																	558				0	236	794	B-35	794	C.Y.	ASPHALTIC CONCRETE LEVELING COURSE (70-85)
B-35																					0	575	575	B-35	575	C.Y.	ASPHALTIC CONCRETE BASE COURSE (70-85)
B-112			73	5,872						61							61				73	206	6,200	B-112	6,273	C.Y.	POROUS BASE COURSE 697
SPECIAL														0.06							0	4.37	4.43	SPECIAL	4.43	tons	FURNISHING & APPLYING CALCIUM CHLORIDE ON AGGREGATE SHOULDERS & APPROACHES
I-7					133	133			360							268					133	613	1,374	I-7	1,507	S.Y.	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN
I-12																					0	4,533	4,533	I-12	4,533	L.F.	STANDARD TYPE 2-A CONCRETE CURB
I-12																					0	1,011	1,011	I-12	1,011	L.F.	STANDARD TYPE 6 CONCRETE CURB
I-12																					0	357	357	I-12	357	L.F.	STANDARD TYPE 8 CONCRETE CURB
I-18																					0	654	654	I-18	654	C.Y.	STABILIZED CRUSHED AGGREGATE SHOULDERS AND APPROACHES
I-7																73					0	0	73	I-7	73	S.Y.	REINFORCED CONCRETE APPROACH SLABS (T=10")
I-21																					0	532	532	I-21	532	S.Y.	9" PORTLAND CEMENT CONCRETE MEDIAN STANDARD TYPE 1, AS PER PLAN
I-22			197	20,209							57						1,446				197	5426	27,138	I-22	27,335	C.Y.	SUBBASE, GRADING A OR B, AS PER PLAN
T-30																	4,893				0	3,965	8,858	T-30	8858	GAL.	BITUMINOUS PRIME COAT, SEC M-5.7 RT-2 OR RT-3
T-31			110	8475							72						72				110	1,351	9,970	T-31	10,080	GAL.	BITUMINOUS SURFACE TREATMENT-BITUMINOUS MATERIAL, AS PER PLAN
T-31			4	271							2						2				4	43	318.	T-31	322	C.Y.	BITUMINOUS SURFACE TREATMENT-NO. 6 AGGREGATE
T-35																	942				0	356	1,298	T-35	1,298	C.Y.	ASPHALTIC CONCRETE SURFACE COURSE TYPE A (70-85)
T-35																					0	67	67	T-35	67	C.Y.	ASPHALTIC CONCRETE SURFACE COURSE TYPE C (70-85)
T-70																					0	67	67	T-70	67	S.Y.	7" PORTLAND CEMENT CONCRETE PAVEMENT
T-71																					0	17,337	17,337	T-71	17,337	S.Y.	9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
T-71			622	60,465																	622	0	60465	T-71	61,087	S.Y.	10" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
																												TYPE CODE Y06D UTILITIES (100% CITY PARTICIPATION)
I-1												224									0	0	224	I-1	224	L.F.	8" PIPE CLASS H-2
I-5												1									0	0	1	I-5	1	EA.	8" CLASS H-2 PIPE SPECIAL
I-124																					0	790	790	I-124	790	L.F.	8" C.I. WATER MAIN, CLASS 200, AS PER PLAN
I-124																					0	6	6	I-124	6	EA.	8" C.I. FITTINGS (1/4 BEND) CLASS 200 AS PER PLAN
I-124																					0	4	4	I-124	4	EA.	8" C.I. FITTINGS (1/8 BEND) CLASS 200 AS PER PLAN
I-124																					0	2	2	I-124	2	EA.	8" X 6" C.I. REDUCER CLASS 200 AS PER PLAN
I-124																					0	30	30	I-124	30	L.F.	NEW SERVICE BRANCHES, AS PER PLAN
I-124																					0	3	3	I-124	3	EA.	WATER METERS AND BOXES REMOVED AND RESET
S-29																					0	32	32	S-29	32	C.Y.	POROUS BACKFILL
SPECIAL																					0	LUMP	LUMP	SPECIAL	LUMP	L.S.	REMOVE PIPE SECTION AND PLUG EXISTING 8" WATER MAIN AT NEW CONNECTION COMPLETED IN PLACE

STRUCTURES OVER 20 FT. SPAN

S.R. 2 OVER GRAND RIVER	SEE SHEET 226	STA. 773+36.00
MANTLE RD OVER S.R. 2	SEE SHEET 234	STA. 783+61.13
F.P. AND E. R.R. OVER S.R. 2	SEE SHEET 245	STA. 808+46.23
S.R. 2 OVER RED CREEK	SEE SHEET 255	STA. 814+10.00
S.R. 535 OVER S.R. 2	SEE SHEET 261	STA. 822+70.56
S.R. 2 OVER BACON RD	SEE SHEET 270	STA. 851+85.63
U.S. 20 OVER S.R. 2	SEE SHEET 278 EB	STA. 883+58.81

	LUMP	L.S.	CONSTRUCTION LAYOUT STAKES
I-3	LUMP	L.S.	MAINTAINING TRAFFIC

Rev. 10-20-64 C.E.H. Rev. 8-17-67