GENERAL SUMMARY

F-329 (15)

TYPE CODE Nº 7221

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	U-329 (15) F-329 (15)	

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LAKE COUNTY
LAK-2-4.42

ITEM	SHEET NUMBER																		ITEM NO.	QUAN. F-329 (15)	UNIT	DESCRIPTIONS	TOTALS F-U-UG-329 (15) From Sheets 15 & 17 ITEM NO.	QUAN.	UNIT
		29	30	31	32	33	34	35	36	171	172	173	186	187	188	190	293	295				DRAINAGE			
E-2			2	2	317	13	176	8		15					89	84			E-2	706	C.Y.	Excavation for Structures	E-2	4135	C.Y.
E-3					9		180									1015			E-3	1204	C.Y.	Channel Excavation	E-3	11981	C.Y.
I-1										138						34			I-1	172	L.F	12" Pipe For Driveways Sec. M-6.4 (a)	I-1	172	L.F.
I-1																52			I-1	52	L.F.	15" Pipe For Driveways Sec. M-6.4 (a)	I-1	52	L.F.
I-2	600				104	38	159	48	100										I-2	1049	L.F.	8" Class "A" Storm Sewer Under Pavement Sec. M-6.5(b) or M-6.8(b)	I-2	3,057	L.F.
I-2	600																		I-2	600	L.F.	12" Class "A" Storm Sewer Under Pavement Sec. M-6.5(b) or M-6.8(b)	I-2	1200	L.F.
I-2			82	80	148		194	94											I-2	598	L.F.	15" Class "A" Storm Sewer Under Pavement Sec. M-6.5(b) or M-6.8(b)	I-2	1,180	L.F.
I-2			78	154		84													I-2	316	L.F.	18" Class "A" Storm Sewer Under Pavement Sec. M-6.5(b) or M-6.8(b)	I-2	1,082	L.F.
I-2						136													I-2	136	L.F.	21" Class "A" Storm Sewer Under Pavement Sec. M-6.6(a) or M-6.8(b)	I-2	136	L.F.
I-2																			I-2	—	L.F.	30" Class "A" Storm Sewer Under Pavement Sec. M-6.6(b) or M-6.8(b)	I-2	144	L.F.
I-2																			I-2	—	L.F.	21" Class "A" Storm Sewer Under Pavement Sec. M-6.6 (b) or M-6.8 (b)	I-2	230	L.F.
I-2																			I-2	—	L.F.	15" Class "A" Storm Sewer Sec. M-6.5(a) or Sec. M-6.8(a)	I-2	18	L.F.
I-2										36									I-2	36	L.F.	15" Class "A" Storm Sewer Sec. M-6.4(c)	I-2	260	L.F.
I-2			80																I-2	80	L.F.	18" Class "A" Storm Sewer Sec. M-6.5(b) or Sec. M-6.8(b)	I-2	80	L.F.
I-2																			I-2	—	L.F.	24" Class "A" Storm Sewer Sec. M-6.6(c)	I-2	24	L.F.
I-2																			I-2	—	L.F.	30" Class "A" Storm Sewer Sec. M-6.6(c)	I-2	288	L.F.
I-2										88									I-2	88	L.F.	15" Class "B" Storm Sewer Under Pavement	I-2	1,412	L.F.
I-2																			I-2	—	L.F.	18" Class "B" Storm Sewer Under Pavement	I-2	140	L.F.
I-2																			I-2	—	L.F.	24" Class "B" Storm Sewer Under Pavement Sec. M-6.6(b) or M-6.8(b)	I-2	68	L.F.
I-2																			I-2	—	L.F.	15" Class "B" Storm Sewer Under Pavement Sec. M-6.6 (c)	I-2	1228	L.F.
I-2																			I-2	—	L.F.	15" Class "B" Storm Sewer	I-2	308	L.F.
I-2																			I-2	—	L.F.	18" Class "B" Storm Sewer	I-2	8	L.F.
I-2																			I-2	—	L.F.	21" Class "B" Storm Sewer Sec. M-6.6 (c)	I-2	100	L.F.
I-2																			I-2	—	L.F.	24" Class "B" Storm Sewer	I-2	588	L.F.
I-2					20	10	30	10	20										I-2	90	L.F.	8" Outlets for Storm Sewer Sec. M-6.4(c)	I-2	445	L.F.
I-3	200																		I-3	200	L.F.	6" Roadway Drainage	I-3	400	L.F.
I-3	200																		I-3	200	L.F.	8" Roadway Drainage	I-3	400	L.F.
I-3	50																		I-3	50	L.F.	8" Outlets for Roadway Drainage Sec. M-6.4(c)	I-3	100	L.F.
I-3	25																		I-3	25	L.F.	10" Outlets for Roadway Drainage Sec. M-6.4(c)	I-3	50	L.F.
I-3	25																		I-3	25	L.F.	12" Outlets for Roadway Drainage Sec. M-6.4(c)	I-3	50	L.F.
I-4																			I-4	—	L.F.	6" Underdrain Sec. M-6.4(b)	I-4	384	L.F.
I-4		736	2014	2138	3796	3661	3652	3806	1984	222	260				4234	4486			I-4	30,989	L.F.	6" Underdrain	I-4	67,066	L.F.
I-4			10	10		30	10	20		30					70	80			I-4	260	L.F.	8" Pipe Outlets for Underdrain Sec. M-6.4(a)	I-4	514	L.F.
I-5			1	5	3	4	4	3	2	1					7	8			I-5	38	EA.	6" Pipe Special for Underdrain	I-5	116	Ea.
I-5					2	1	3	1	2										I-5	9	EA.	8" Pipe Special for Underdrain	I-5	42	Ea.
I-5					2	1	3	1	2										I-5	9	EA.	8" Pipe Special for Storm Sewer Sec. M-6.5(b) or M-6.8(b) Under Pavement	I-5	34	Ea.
I-5										2									I-5	2	EA.	15" Pipe Special for Storm Sewer Sec. M-6.4(c)	I-5	20	Ea.
I-5																			I-5	—	EA.	30" Pipe Special for Storm Sewer Sec. M-6.6(b) or M-6.8(b) Under Pavement	I-5	1	Ea.
I-5																			I-5	—	EA.	18" Pipe Special for Storm Sewer Sec. M-6.5(b) or M-6.8(b) Under Pavement	I-5	2	Ea.
I-8																			I-8	—	EA.	Standard No. 2-2A Catch Basin	I-8	5	Ea.
I-8																			I-8	—	EA.	Standard No. 2-2B Catch Basin	I-8	1	Ea.
I-8			1	1	1	1	2	1											I-8	7	EA.	Standard No. 4 Catch Basin	I-8	8	Ea.
I-8			2	1															I-8	3	EA.	Standard No. 5 Catch Basin	I-8	10	Ea.
I-8																			I-8	—	EA.	Standard No. 5 Catch Basin, Modified, as per plan	I-8	27	Ea.
I-8																			I-8	—	EA.	Standard No. 6 Catch Basin	I-8	4	Ea.
I-8																			I-8	—	EA.	Standard No. 1 Manhole	I-8	6	Ea.
I-8																			I-8	—	EA.	Standard No. 2 Manhole without drop pipe	I-8	1	Ea.
I-8										1									I-8	1	EA.	Standard No. 2-6 Inlet	I-8	2	Ea.
I-8										1									I-8	1	EA.	Standard No. 2-10 Inlet	I-8	1	Ea.
I-8																			I-8	—	EA.	Standard No. 1 Side Ditch Inlet	I-8	3	Ea.
I-9										240		240							I-9	480	L.F.	Stone Underdrain, No. 2	I-9	1,060	L.F.
I-10		55	71	70	62					3							8	16	I-10	285	C.Y.	Dumped Rock Channel Protection	I-10	1,498	C.Y.
																						WATER LINES (NO FEDERAL PARTICIPATION)			
I-124.03													1049	370					I-124.03	1419	L.F.	8" I.D. C.I. Pipe Cl. 150 Mechanical Joint, as per plan	I-124.03	1,419	L.F.
I-124.03													621						I-124.03	621	L.F.	8" I.D. W.I. Pipe Standard Weight Sec. M-6.10	I-124.03	621	L.F.
I-124.03													2	1					I-124.03	3	EA.	8" Valve & Box	I-124.03	3	Ea.
I-124.03														1					I-124.03	1	EA.	Fire Hydrant, Watch Valve & VALVE BOX	I-124.03	1	Ea.
I-124.03														1					I-124.03	1	EA.	8" x 8" x 6" C.I. Tee	I-124.03	1	Ea.
I-124.03													3	1					I-124.03	4	EA.	11½° Bend C.I. 8" I.D.	I-124.03	4	Ea.
I-124.03														1					I-124.03	1	EA.	Cap 6" Transite or Approved Equal	I-124.03	1	Ea.
I-2													325						I-2	32.5	L.F.	24" Reinforced Concrete Pipe Sec. M-6.6(b) (For Water Line Encasement)	I-2	325	L.F.
I-2													245						I-2	24.5	L.F.	24" Reinforced Concrete Pipe Sec. M-6.6(a) (For Water Line Encasement)	I-2	245	L.F.
																						DRAINAGE (CONTINUED)			
L-10	600		162	108	68	96	190	60		4					46	60			L-10	1394	S.Y.	Sodding	L-10	4,088	S.Y.
L-10						128	124				216								L-10	468	S.Y.	Sodding for Special Berm and Slope Protection	L-10	824	S.Y.
S-1					16.0	7.3	50.0	3.1		6.2									S-1	82.6	C.Y.	Concrete for Structures Class "C"	S-1	538.4	C.Y.
S-1			0.30	0.30	0.26										1.60	2.38			S-1	4.8	C.Y.	Concrete for Structures Class "E"	S-1	20.9	C.Y.
S-4					838	339	2093	146		292									S-4	3708	LBS.	Reinforcing Steel	S-4	52557	Lbs.
S-27															112	90			S-27	202	L.F.	18" Pipe for Roadway Culverts Sec. M-6.6(b) or M-6.8(b)	S-27	264	L.F.