

# GENERAL SUMMARY

QUANTITY CALCULATIONS  
 BY J.A.W. DATE 2/2/73  
 CHKD. K.N.M. DATE 2/3/73  
 F. A. THOMAS & ASSOC. INC.

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

LAKE COUNTY  
 LAK. - 2 - 1.80

ITEM	LAKELAND FREEWAY & E. 305th ST. INTERCHANGE															ITEM	TOTAL	UNIT	DESCRIPTION
	6	5A	7	8	11	14	16	18	5	5A	SHEET NUMBER								
<b>ROADWAY (CODE 7221)</b>																			
202	705				65											202	770	S.Y.	PAVEMENT REMOVED
202	48															202	48	L.F.	CURB REMOVED
202	1,105															202	1,105	S.F.	SIDEWALK REMOVED
202	46															202	46	S.Y.	TRAFFIC MEDIAN REMOVED
<b>EMPAVEMENT (CODE 7221)</b>																			
203					2,276											203	2,276	C.Y.	EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION
203					488											203	488	C.Y.	EMBANKMENT
203	3,389															203	3,389	S.Y.	SUBGRADE COMPACTION
<b>PAVEMENT (CODE 7221)</b>																			
604						2										604	2	EA.	STANDARD MONUMENT ASSEMBLY
604								1		1						604	2	EA.	MONUMENT BOX ADJUSTED TO GRADE
606						37.50										606	37.5	L.F.	GUARD RAIL, TYPE 5
607						183		13								607	196	L.F.	FENCE, TYPE CL
608				419												608	419	S.F.	4" CONCRETE WALK
404										12						404	12	C.Y.	ASPHALT CONCRETE <i>Surface Course or an approved bituminous premixed surface course for maintaining traffic</i>
410										100						410	100	C.Y.	TRAFFIC COMPACTED SURFACE, TYPE A OR B
616										2	5					616	7	TONS	CALCIUM CHLORIDE
616											200					616	200	M GALS	WATER
<b>PAVEMENT (CODE 7221)</b>																			
301	40				33											301	73	C.Y.	BITUMINOUS AGGREGATE BASE, 702.01 (85-100 OR AC-20) OR 702.09 RT-11 OR RT-12
304				163												304	163	C.Y.	AGGREGATE BASE
305				710												305	710	S.Y.	9" PORTLAND CEMENT CONCRETE BASE
310				607												310	607	C.Y.	SUBBASE GRADING A, AS PER PLAN
<b>PAVEMENT (CODE 7221)</b>																			
402			35													402	35	C.Y.	ASPHALT CONCRETE (60-70 OR AC-20)
404			25		7											404	32	C.Y.	ASPHALT CONCRETE (60-70 OR AC-20)
407			71													407	71	GALS.	TACK COAT, 702.04, MS-2 OR RS-1; OR 702.02, RC-70 OR RC-250
408			142													408	142	GALS.	BITUMINOUS PRIME COAT, 702.09 RT-2 OR RT-3
409			107													409	107	GALS.	SEAL COAT BITUMINOUS MATERIAL, 702.09 RT-9 OR RT-10; OR 702.02 MC-800 OR MC-3000
409					3											409	3	C.Y.	SEAL COAT COVER AGGREGATE N° 8
407			2.5													407	2.5	TONS	COVER AGGREGATE
<b>PAVEMENT (CODE 7221)</b>																			
451				630												451	630	S.Y.	7" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
451				92												451	92	S.Y.	9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
451				1,624												451	1,624	S.Y.	10" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
452					50											452	50	S.Y.	8" PLAIN PORTLAND CEMENT CONCRETE PAVEMENT
<b>PAVEMENT (CODE 7221)</b>																			
609				624												609	624	L.F.	CONCRETE CURB, STANDARD TYPE 2A
609				50												609	50	L.F.	CONCRETE CURB, STANDARD TYPE 6
612				6												612	6	C.Y.	CONCRETE TRAFFIC ISLAND
<b>DRAINAGE (CODE 7221)</b>																			
202					38			986		585		267				202	1,876	L.F.	PIPE REMOVED 24" AND UNDER
202								1		1						202	2	EA.	CATCH BASINS REMOVED
202								1		1						202	2	EA.	CATCH BASINS ABANDONED
602												0.20				602	0.2	C.Y.	CONCRETE MASONRY
603								57		18						603	75	L.F.	12" CONDUIT, TYPE B
603								17				280				603	297	L.F.	12" CONDUIT, TYPE C 706.01 CL3, 706.02, 706.08 E.S. OR 707.13
603					42											603	42	L.F.	12" CONDUIT, TYPE D
603								60		40						603	100	L.F.	6" CONDUIT, TYPE F
603										16						603	16	L.F.	18" CONDUIT, TYPE C
604												2				604	2	EA.	STANDARD NO. 2-2B CATCH BASIN
604																604	1	EA.	STANDARD NO. 3 CATCH BASIN
604																604	2	EA.	STANDARD NO. 3-A CATCH BASIN
604																604	2	EA.	STANDARD NO. 5 CATCH BASIN
<b>PAVEMENT (CODE 7221)</b>																			
604																604	1	EA.	MANHOLE ADJUSTED TO GRADE
604																604	1	EA.	CATCH BASIN ADJUSTED TO GRADE
604																604	1	EA.	FURNISH COMPLETE CASTINGS FOR EXISTING MANHOLE, AS PER PLAN
604																604	1	EA.	FURNISH COMPLETE CASTINGS FOR EXISTING CATCH BASINS, AS PER PLAN

LAKELAND FREEWAY & E. 305th ST. INTERCHANGE