CALCULATIONS

CALC BY LWL DATE 6/93	CALC. BY MJN DATE 7/17/92	LAK-283-3.83 PLAN 81	OHIO
CHKD. BY SJS DATE 6/93	CHKD. BY TJH DATE 7/17/92		FHWA REGION 5
REVISED			10A 79

ITEM 407 – TACK COAT (0.1 GAL/SY)

SEE ITEM 403	580,233	SF
SUBTOTAL =	580,233	SF
580,233 X 0.1 X 1/9 =	6,447	GAL

BIKEWAY PROJECT = 2,019 GAL

RESURFACING PROJECT = 4,428 GAL

ITEM 605 – AGGREGATE DRAIN

STA	128+75	R	=	20	LF
STA	133+00 TO 135+50	L @ 50' C/C	=	84	LF
STA	138+50 TO 139+50	L @ 50' C/C	=	42	LF
STA	146+00 TO 146+50	L @ 50' C/C	=	30	LF
STA	150+75 TO 153+75	R @ 50' C/C	=	72	LF
STA	163+00 TO 164+00	L @ 50' C/C	=	38	LF
STA	167+00 TO 169+50	L @ 50' C/C	=	78	LF
STA	170+50 TO 172+50	L @ 50' C/C	=	70	LF
STA	177+00 TO 178+00	L @ 50' C/C	=	64	LF
STA	179+00	L	=	18	LF
STA	180+00 TO 181+00	L @ 50' C/C	=	61	LF
STA	196+00 TO 196+50	L @ 50' C/C	=	32	LF
STA	198+50 TO 200+50	L @ 50' C/C	=	65	LF
STA	203+00 TO 204+00	L @ 50' C/C	=	39	LF
STA	220+25 TO 220+75	R @ 50' C/C	=	28	LF
STA	222+25	R	=	13	LF
STA	232+25 TO 233+25	R @ 50' C/C	=	42	LF
STA	234+00 TO 235+00	L @ 50' C/C	=	42	LF
STA	238+00	L @ 50' C/C	=	15	LF
STA	244+75 TO 245+25	R @ 50' C/C	=	42	LF
STA	260+25	R	=	14	LF
STA	277+25 TO 278+25	R @ 50' C/C	=	48	LF
STA	279+25 TO 283+75	R @ 50' C/C	=	178	LF
STA	271+50 TO 272+50	L @ 50' C/C	=	39	LF
		TOTAL	=	1,174	LF

RESURFACING PROJECT = 1,174 LF

ITEM 411 – STABILIZED CRUSHED AGGREGATE

STATIONS FROM	STATIONS TO		LENGTH (FT)	WIDTHS(FT) FROM	WIDTHS(FT) TO	AREA (SF)
12495	12595	L	100	2	2	200
12595	12890	L	295	2	2	590
12949	13589	L	640	2	2	1,280
13638	13905	L	267	2	2	534
12750	13815	R	1065	2	2	2,130
13815	13895	R	80	2	0	80
13990	14070	R	80	0	2	80
13905	13925	L	20	2	1.5	35
13925	13950	L	25	1.5	1.5	38
13950	13970	L	20	1.5	22	35
13970	14151	L	181	2	2	362
14070	14250	R	180	2	2	360
14488	16230	L	1742	2	2	3,484
16272	16551	R	279	2	2	558
14488	15170	R	682	2	2	1,364
15230	16524	R	1294	2	2	2,588
16603	16645	L	42	2	2	84
16676	17279	L	603	2	2	1,206
16603	16650	R	47	2	2	94
16900	17273	R	373	2	2	746
17659	19727	L	2068	2	2	4,136
17646	17721	R	75	2	2	150
18508	21742	R	3234	2	2	6,468
19820	21543	L	1723	2	2	3,446
21602	21759	L	157	2	2	314
21817	22375	R	573	2	2	1,146
22499	22757	L&R	516	2	2	1,032
22812	22846	L&R	68	2	2	136
22896	28410	L	5514	2	2	11,028
22896	23911	R	1015	2	2	2,030
24041	25070	R	1030	2	2	2,060
25165	25332	R	167	2	2	334
25380	25552	R	172	2	2	344
25650	25806	R	156	2	2	312
25900	28390	R	2490	2	2	4,980
MINUS DRIVEWAYS			(5025)	2	2	(10,050)
			SUBTOTAL =			43,714 SF
			43,714 X .5 X 1/27 =			810 CY

BIKEWAY PROJECT = 810 CY

ITEM 408 – PRIME COAT (0.4 GAL/SY)

SEE ITEM 301 – 7 3/4" BITUMINOUS AGGREGATE BASE AC-20	179,107	SF
SEE ITEM 301 – 9 1/2" BITUMINOUS AGGREGATE BASE AC-20	2,760	SF
SUBTOTAL =	181,867	SF
181,867 X 0.4 X 1/9 =	8,083	GAL

BIKEWAY PROJECT = 8,083 GAL

ITEM 404 – 1 1/4" ASPHALT CONCRETE SURFACE COURSE AC-20

SEE ITEM 403	580,233	SF
SUBTOTAL =	580,233	SF
580,233 X 1.25/12 X 1/27 =	2,239	CY

BIKEWAY PROJECT = 702 CY

RESURFACING PROJECT = 1,537 CY

PR10520/CALC2 6/18/93