

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	23	27

TRAFFIC SIGN SUMMARY							
STATION	TYPE	ITEM	621.5000	621.5010	621.5100	621.5110	621.5200
		UNIT	EACH	EACH	EACH	EACH	EACH
		DESCRIPTION	Regulatory Sign (10 Sq. Ft. or Less) With Post	Warning Sign (10 Sq. Ft. or Less) with Post	Regulatory Sign (10 Sq. Ft. or Less)	Warning Sign (10 Sq. Ft. or Less)	Warning Sign (Greater than 10 Sq. Ft.) with Post
366+50 Rt.	RI-2 RI-2A	Yield	1		1		
369+50 Lt.	RI-2 RI-2A	Yield	1		1		
372+10 Rt.	W3-2A	Yield Ahead		1			
373+00 Rt.	W5-3	One Lane Bridge		1		1	
373+50 Rt.	RI-2 RI-2A	Yield	1		1		
373+60 Lt.	W14-3	No Passing Zone		1			
374+00 to 375+50 Rt.	W1-8	Chevron Sign		6		6	
376+00 Lt.	RI-2 RI-2A	Yield	1		1		
376+80 Rt.	W14-3	No Passing Zone		1			
377+00 Lt.	W5-3	One Lane Bridge		1		1	
377+20 Rt.	W14-3	No Passing Zone		1			
385+00 Lt./Rt.	R4-1	Do Not Pass	1				
402+00 Rt.	RI-1	Stop	1				
405+00 Rt.	R4-1	Do Not Pass	1				
420+00 Lt.	R4-1	Do Not Pass	1				
428+50 Rt.	W5-3	One Lane Bridge		1		1	
429+00 Rt.	W3-2A	Yield Ahead		1			
431+00 Rt.	RI-2 RI-2A	Yield	1		1		
431+40 to 432+00 Rt.	W1-8	Chevron Sign		3		3	
434+50 Lt.	RI-2 RI-2A	Yield	1		1		
436+90 Lt.	W5-3	One Lane Bridge		1		1	
437+10 Rt.	W5-1	Road Narrows		1			
438+90 Rt.	W14-3	No Passing Zone		1			
439+00 Rt.	W3-2A	Yield Ahead		1			
440+00 Rt.	RI-2 RI-2A	Yield	1		1		
441+50 Lt.	RI-2 RI-2A	Yield	1		1		
443+50 Lt.	W3-2A	Yield Ahead		1			
444+00 Lt.	W5-1	Road Narrows		1			
445+10 to 446+10 Lt.	W1-8	Chevron Sign		6		6	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Feb. 2005
DESIGNED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
CHECKED BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M

Date: February, 2005

SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	24	27

TRAFFIC SIGN SUMMARY

STATION	TYPE	ITEM	621.5000	621.5010	621.5100	621.5110	621.5200	REMARKS
		UNIT	EACH	EACH	EACH	EACH	EACH	
		DESCRIPTION	Regulatory Sign (10 Sq. Ft. or Less) With Post	Warning Sign (10 Sq. Ft. or Less) with Post	Regulatory Sign (10 Sq. Ft. or Less)	Warning Sign (10 Sq. Ft. or Less)	Warning Sign (Greater than 10 Sq. Ft.) with Post	
447+00 Lt.	W5-1	Road Narrows		1				
448+20 Lt.	W15-3	Falling Rocks		1				
449+10 Lt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
450+40 Lt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
451+80 Lt.	W15-3	Falling Rocks		1				
453+00 Rt.	W3-2A	Yield Ahead		1				
455+50 Rt.	W5-3	One Lane Bridge		1		1		with supplementary sign "10 MPH"
455+60 Lt.	W14-3	No Passing Zone		1				
456+30 Rt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
456+00 Rt. 458+00 Rt.	W1-8	Chevron Sign		6		6		
458+00 Lt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
459+20 Lt.	W5-3	One Lane Bridge		1		1		with supplementary sign "10 MPH"
459+25 Rt.	W14-3	No Passing Zone		1				
460+00 Rt.	R2-1(15)	Speed Limit 15	1					
470+00 Lt./Rt.	R4-1	Do Not Pass	2					
479+80 Rt.	W1-5(L)	Winding Road		1				
480+20 Lt.	R2-1(15)	Speed Limit 15	1					
490+00 Rt.	R4-1	Do Not Pass	1					
494+00 Rt.		Caution Slide Area Next 5 Miles					1	
494+20 Rt.		No Stopping on Slide Areas		1				
496+00 Rt.	W15-3	Falling Rocks		1				
505+90 Lt.	W15-3	Falling Rocks		1				
506+10 Rt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
507+00 Lt.	RI-2 RI-2A	Yield	1		1			with supplementary sign "to oncoming traffic"
508+00 Lt.	W15-3	Falling Rocks		1				
512+00 Lt./Rt.	R4-1	Do Not Pass	2					
530+00 Rt.	R4-1	Do Not Pass	1					
535+00 Lt.	R4-1	Do Not Pass	1					
540+00 Rt.	W5-1	Road Narrows		1				
540+30 Rt.	W3-2A	Yield Ahead		1				
541+00 Rt./Lt.	RI-2 RI-2A	Yield	2		2			with supplementary sign "to oncoming traffic"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
me3reddy		Feb. 2005
DESIGNED BY	NOTED BY	CHECKED BY
me3reddy		
QUANTITIES BY		
me3reddy		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M

Date: February, 2005

SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	25	27

TRAFFIC SIGN SUMMARY							
STATION	TYPE	ITEM	621.5000	621.5010	621.5100	621.5110	621.5200
		UNIT	EACH	EACH	EACH	EACH	EACH
		DESCRIPTION	Regulatory Sign (10 Sq. Ft. or Less) With Post	Warning Sign (10 Sq. Ft. or Less) with Post	Regulatory Sign (10 Sq. Ft. or Less)	Warning Sign (10 Sq. Ft. or Less)	Warning Sign (Greater than 10 Sq. Ft.) with Post
543+20 Lt.	RI-2 RI-2A	Yield	1		1		
544+00 Lt.	W3-2A	Yield Ahead		1			
544+20 Lt.	W5-1	Road Narrows		1			
546+10 Lt.	W14-3	No Passing Zone		1			
546+20 Rt.	W5-3	One Lane Bridge		1			
546+50 Rt.	RI-2 RI-2A	Yield	1		1		
547+50 to 548+00 Rt.	W1-8	Chevron Sign		3		3	
549+00 Lt.	RI-2 RI-2A	Yield	1		1		
550+30 Lt.	W5-3	One Lane Bridge		1			
550+50 Rt.	W14-3	No Passing Zone		1			
555+10 Lt.	W1-5(L)	Winding Road		1			
558+00 Lt./Rt.	R4-1	Do Not Pass	2				
561+00 Lt./Rt.	R2-1(15)	Speed Limit 15	2				
574+00 Rt.	W3-2A	Yield Ahead		1			
574+90 Lt.	W14-3	No Passing Zone		1			
574+95 Rt.	W5-3	One Lane Bridge		1			
576+50 Rt.	RI-2 RI-2A	Yield	1		1		
578+90 to 579+40 Rt.	W1-8	Chevron Sign		4		4	
578+90 Lt.	RI-2 RI-2A	Yield	1		1		
581+10 Lt.	W5-3	One Lane Bridge		1			
581+15 Rt.	W14-3	No Passing Zone		1			
585+00 Lt./Rt.	R4-1	Do Not Pass	2				
585+90 Rt.	W1-5(R)	Winding Road		1			
		TOTAL	40	72	20	33	1

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Feb. 2005
me3rddy	DESIGNED BY	
me3rddy	QUANTITIES BY	
me3rddy	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M

Date: February, 2005

SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	ADD.26	27

MILEPOST MARKER SUMMARY				
LOCATION	SIGN NO. AND MESSAGE		QUANTITY	
			W/POST	W/O POST
Sta. 377+00 Rt.	D10-2 MILE 10 D10-7 360		1	1
Sta. 430+50 Rt.	D10-2 MILE 11 D10-7 360		1	1
Sta. 480+00 Rt.	D10-2 MILE 12 D10-7 360		1	1
Sta. 533+00 Rt.	D10-2 MILE 13 D10-7 360		1	1
Sta. 586+10 Rt.	D10-2 MILE 14 D10-7 360		1	1
TOTAL			5	5

CONSTRUCTION SIGN SUMMARY			
SIGN NO.	MESSAGE	W/POST	W/O POST
CW20-1(d)	ROAD WORK AHEAD	2	
CG20-2	END ROAD WORK	2	
	ROAD WORK NEXT 5 MILES	1	
TOTAL		5	

REFLECTOR MARKER SUMMARY				
TYPE	QUANTITY			
	W/POST		W/O POST	
	YELLOW	WHITE	YELLOW	WHITE
RM-3	66			
RM-4	16			
RM-5			547	
OBJECT MARKERS	14			

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY									
STATION TO STATION	PAVEMENT STRIPING				DISTANCE (L.F.)	PAVEMENT MARKERS (EA.)		YIELD LINE	COMMENTS
	DBL. 4" YELLOW	4" WHITE	8" WHITE	12" WHITE		TYPE "C"	TYPE "D"	WHITE (LANE)	
	L.F.	L.F.	L.F.	L.F.					
351+00 - 366+50	1550	3100			1550	79	79	1	No Passing
366+50 - 369+50		400	200		300	16			One Lane Road
369+50 - 373+50	400		800		400	21	21	2	No Passing
373+50 - 376+00			500		250	14			One Lane Bridge
376+00 - 431+00	5500	8200	2800	12	5500	276	276	2	No Passing
431+00 - 434+50			700		350	19			One Lane Bridge
434+50 - 440+00	550	100	1000		550	29	29	2	No Passing
440+00 - 441+50		300			150	9			One Lane Road
441+50 - 449+10	760	1520			760	39	39	2	No Passing
449+10 - 450+40		260			130	8			One Lane Road
450+40 - 456+30	590		1180		590	31	31	2	No Passing
456+30 - 458+00			340		170	10			One Lane Bridge
458+00 - 506+10	4810	8120	1500		4810	242	242	2	No Passing
506+10 - 507+00		180			90	6			One Lane Road
507+00 - 541+00	3400	6800			3400	171	171	2	No Passing
541+00 - 543+20			440		220	12			One Lane Road
543+20 - 546+50	330		660		330	18	18	2	No Passing
546+50 - 549+00			500		250	14			One Lane Bridge
549+00 - 576+50	2750	2500	3000		2750	139	139	2	No Passing
576+50 - 578+90			480		240	13			One Lane Bridge
578+90 - 589+00	1010	520	1500		1010	52	52	1	No Passing
TOTAL	21650	32000	15600	12		1211	1094	20	

6/14/05	Added sign and object markers.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
MISCELLANEOUS SUMMARIES	
HANA HIGHWAY RESURFACING Vicinity of Waikamoi Bridge to Honomanu Bridge Project No. 360A-02-05M	
Date: February, 2005	
SHEET No. 4 OF 5 SHEETS	

SURVEY PLOTTED BY	DATE Feb. 2005
PLAN	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	27	27

RECONSTRUCTION OF WEAKENED AREAS						
STATION TO STATION (APPROX.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (INCHES)	EXCAVATION (CY.)	GLASSPHALT (TONS)
363+50 - 363+85	Lt.	35	10	8	8.64	17.6
366+00 - 366+50	Lt.	50	10	8	12.35	25.2
369+00 - 369+50	Lt.	50	10	8	12.35	25.2
372+00 - 373+00	Lt.	100	10	8	24.69	50.6
379+50 - 380+10	Lt.	60	12	8	17.78	36.5
393+00 - 394+50	Lt.	150	8	8	29.63	60.7
430+70 - 431+40	Lt.	70	8	8	13.83	28.3
455+00 - 455+70	Lt.	70	8	8	13.83	28.3
467+50 - 467+70	Lt.	20	8	8	3.95	8.2
513+00 - 513+20	Lt.	20	8	8	3.95	8.2
530+00 - 530+35	Lt.	35	8	8	6.91	14.1
532+00 - 534+00	Lt.	200	8	8	39.51	81.0
544+00 - 544+30	Lt.	30	8	8	5.93	12.1
552+50 - 554+50	Lt.	200	8	8	39.51	81.0
554+00 - 554+50	Rt.	50	10	8	12.35	25.2
TOTAL					245.19	502.20
ESTIMATED QTY.					250.0	510.00

COLDPLANING SCHEDULE			
STATION TO STATION (APPROX.)	LENGTH (FT.)	WIDTH (FT.)	COMMENTS
351+00 - 351+50	50	21	Begin Project
374+07 - 375+45	138	16	Waikamoi Bridge
431+65 - 433+20	155	10	Puohakamoa Bridge
456+60 - 457+94	134	10	Haipuaena Bridge
547+50 - 548+84	134	10	Kolea Bridge
575+70 - 577+18	148	12	Honomanu Bridge
588+50 - 589+00	50	21	End Project

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	Feb. 2005
QUANTITIES BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M

Date: February, 2005

SHEET No. 5 OF 5 SHEETS