

CENTERLINE AND REFERENCE SURVEY MONUMENT SCHEDULE

PROJECT	STATION	MONUMENT TYPE	Adjust Existing Item No. 613.0110	Reconstruct Existing Item No. 613.0120	Offset from Baseline	Offset from Monument to C. Striping	EXISTING DEPTH (FT.)
11BC-01-01M	389+89.20	P.O.B.	x		1.00' Rt.	0.37' Lt.	
	393+35.41	P.T.	x		0.70' Rt.	0.70' Rt.	
	403+43.34	P.C.	x		0.48' Rt.	0.11' Rt.	
	408+04.32	P.C.	x		0.62' Rt.	0.62' Rt.	
	411+66.64	P.T.	x		0.27' Lt.	0.27' Lt.	
	413+63.31	P.C.	x		0.81' Lt.	0.81' Lt.	
	417+39.99	P.C.	x		1.02' Lt.	1.02' Lt.	
	423+73.99	P.T.	x		2.62' Lt.	0.29' Rt.	
	436+82.70	P.C.	x		0.00'	0.00'	
	441+00.92	P.T.	x		0.43' Rt.	0.43' Rt.	
	443+47.22	P.C.	x		0.15' Rt.	0.15' Rt.	
	444+86.79	P.T.	x		0.19' Rt.	0.19' Rt.	
	445+71.96	P.C.	x		0.01' Rt.	0.01' Rt.	
	447+57.39	P.T.	x		0.00'	1.53' Lt.	
	450+50.90	P.C.	x		0.00'	1.40' Lt.	
	451+42.56	P.T.	x		0.01' Lt.	0.01' Lt.	
	460+00.69	P.C.	x		0.00'	0.00'	
	467+05.94	P.T.	x		0.15' Rt.	0.15' Rt.	
	475+13.54	P.C.	x		0.19' Rt.	0.19' Rt.	
	476+33.72	P.T.	x		0.18' Rt.	0.18' Rt.	
	483+29.05	P.C.	x		0.34' Rt.	0.34' Rt.	
	485+91.70	P.T.	x		0.00'	0.00'	
	490+51.08	P.C.	x		0.00'	0.00'	
	495+53.24	P.T.	x		0.04' Rt.	0.04' Rt.	
	496+18.30	P.C.	x		0.05' Rt.	0.05' Rt.	
	499+39.70	P.T.	x		0.04' Rt.	0.04' Rt.	
	505+62.11	P.C.	x		0.03' Rt.	1.12' Lt.	
	507+37.73	P.T.	x		0.06' Lt.	1.19' Lt.	
	510+74.93	P.T.	x		0.00'	0.00'	
	516+98.10	P.C.	x		0.03' Lt.	0.03' Lt.	
	518+45.73	P.T.	x		0.15' Lt.	0.15' Lt.	
	519+79.05	P.C.	x		0.23' Lt.	0.23' Lt.	
	521+24.32	P.T.	x		0.18' Lt.	0.18' Lt.	
	523+29.99	P.C.	x		0.29' Lt.	0.29' Lt.	

CENTERLINE AND REFERENCE SURVEY MONUMENT SCHEDULE

PROJECT	STATION	MONUMENT TYPE	Adjust Existing Item No. 613.0110	Reconstruct Existing Item No. 613.0120	Offset from (Baseline)	Offset from Monument to (C. Striping)	EXISTING DEPTH (FT.)
11BC-01-01M	525+29.48	P.T.	x		0.29' Lt.	0.29' Lt.	
	529+42.80	P.C.	x		0.25' Lt.	0.25' Lt.	
	530+92.45	P.T.	x		0.18' Lt.	0.18' Lt.	
	544+83.93	P.C.	x		0.24' Lt.	2.02' Lt.	
	546+23.08	P.T.	x		0.16' Lt.	1.34' Lt.	
	550+27.08	P.C.	x		0.23' Lt.	0.23' Lt.	
	551+61.48	P.T.	x		0.24' Lt.	0.28' Lt.	
	553+31.04	P.C.	x		0.33' Lt.	0.03' Rt.	
	555+23.69	P.T.	x		0.22' Lt.	0.07' Rt.	
	559+55.19	P.C.	x		0.21' Lt.	0.21' Lt.	
	562+83.17	P.T.	x		0.38' Lt.	0.38' Lt.	
	563+81.51	MON	x		1.31' Rt.	1.31' Rt.	
	564+96.93	P.T.	x		0.25' Lt.	0.33' Rt.	
	568+18.11	P.T.	x		0.17' Lt.	1.49' Rt.	
	569+50.38	P.C.	x		0.14' Lt.	0.14' Lt.	
	570+69.10	P.T.	x		0.20' Lt.	0.20' Lt.	
	573+26.13	P.C.	x		0.24' Lt.	0.50' Lt.	
	574+80.29	P.T.	x		0.27' Lt.	0.52' Lt.	
	588+53.18	P.T.	x		0.19' Rt.	1.89' Lt.	
	591+06.02	P.C.	x		0.19' Rt.	2.35' Rt.	
	592+17.71	P.T.	x		0.27' Rt.	4.73' Rt.	
	596+01.82	P.T.	x		0.27' Rt.	0.50' Lt.	
	596+54.41	P.C.	x		0.25' Rt.	0.83' Lt.	
	597+08.43	P.T.	x		0.29' Rt.	1.17' Lt.	
	598+56.73	P.C.	x		0.32' Rt.	1.43' Lt.	
	618+43.08	P.C.	x		0.48' Rt.	1.99' Lt.	
	620+64.98	P.T.	x		0.37' Rt.	0.01' Rt.	
	622+71.43	P.C.	x		0.40' Rt.	0.40' Rt.	
	624+56.43	P.T.	x		0.64' Rt.	0.64' Rt.	
	627+01.46	P.C.	x		0.62' Rt.	0.63' Rt.	
	-10+38.33	P.T.	x		0.40' Lt.	0.40' Lt.	
	652+62.68	MON	x		0.00'	0.00'	
	654+12.68	MON	x		0.02' Rt.	0.02' Rt.	
	656+09.43	P.C.	x		0.07' Rt.	0.07' Rt.	

NOTE:
Station and offset given in the Centerline and Reference Survey Monument Schedule are only for monuments located by the Surveyor. Contractor shall verify existing monument locations in the field. (See General Note 2, 22 & 23).

THIS SHEET SUPERCEDED DURING
"AS-BUILT" POSTING BY SHEET 65 5-1.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE UNDER MY OBSERVATION.
Masahiro Nishida
DATE: March 29, 2001

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

HAWAII BELT ROAD RESURFACING
HONOKUA TO PAHOEHOE
PROJECT NO. 11BC-01-01M

Scale: None Date: March, 2001

SHEET NO. 1 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
QUANTITIES BY	CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11BC-01-01M	2001	65S-1	

CENTERLINE & REFERENCE SURVEY MONUMENT SCHEDULE PROJECT NO. 11BC-01-01M						
STATION	MONUMENT TYPE	Adjust Existing Item No. 613.0110	Reconstruct Existing Item No. 613.0120	Offset from Baseline	Offset from Monument to & Striping	EXISTING DEPTH (FT.)
389+89.20	P.O.B.	X		1.00' Rt.	0.37' Lt.	
391+17	P.C.	X				
393+35.41	P.T.	X		0.70' Rt.	0.70' Rt.	
403+43.34	P.C.	X		0.48' Rt.	0.11' Rt.	
405+11	P.T.	X				
408+04.32	P.C.	X		0.62' Rt.	0.62' Rt.	
411+66.64	P.T.	X		0.27' Lt.	0.27' Lt.	
413+63.31	P.C.	X		0.81' Lt.	0.81' Lt.	
417+39.99	P.C.	X		1.02' Lt.	1.02' Lt.	
418+95	P.T.	X				
423+73.99	P.T.	X		2.62' Lt.	0.29' Rt.	
424+73	P.C.	X				
427+60	P.T.	X				
432+33	P.C.	X				
435+03	P.T.	X				
436+82.70	P.C.	X		0.00'	0.00'	
438+04	P.T.	X				
441+00.92	P.T.	X		0.43' Rt.	0.43' Rt.	
443+47.22	P.C.	X		0.15' Rt.	0.15' Rt.	
444+86.79	P.T.	X		0.19' Rt.	0.19' Rt.	
445+71.96	P.C.	X		0.01' Rt.	0.01' Rt.	
447+57.39	P.T.	X		0.00'	1.53' Lt.	
450+50.90	P.C.	X		0.00'	1.40' Lt.	
451+42.56	P.T.	X		0.01' Lt.	0.01' Lt.	
460+00.69	P.C.	X		0.00'	0.00'	
461+75	P.C.	X				
465+26	P.C.	X				
467+05.94	P.T.	X		0.15' Rt.	0.15' Rt.	
475+13.54	P.C.	X		0.19' Rt.	0.19' Rt.	
476+33.72	P.T.	X		0.18' Rt.	0.18' Rt.	
483+29.05	P.C.	X		0.34' Rt.	0.34' Rt.	
485+91.70	P.T.	X		0.00'	0.00'	
490+51.08	P.C.	X		0.00'	0.00'	
495+53.24	P.T.	X		0.04' Rt.	0.04' Rt.	
496+18.30	P.C.	X		0.05' Rt.	0.05' Rt.	
499+39.70	P.T.	X		0.04' Rt.	0.04' Rt.	
505+62.11	P.C.	X		0.03' Rt.	1.12' Lt.	
507+37.73	P.T.	X		0.06' Lt.	1.19' Lt.	
509+23	P.C.	X				
510+74.93	P.T.	X		0.00'	0.00'	
516+98.10	P.C.	X		0.03' Lt.	0.03' Lt.	
518+45.73	P.T.	X		0.15' Lt.	0.15' Lt.	
519+79.05	P.C.	X		0.23' Lt.	0.23' Lt.	
521+24.32	P.T.	X		0.18' Lt.	0.18' Lt.	
523+29.99	P.C.	X		0.29' Lt.	0.29' Lt.	
525+29.48	P.T.	X		0.29' Lt.	0.29' Lt.	

CENTERLINE & REFERENCE SURVEY MONUMENT SCHEDULE PROJECT NO. 11BC-01-01M						
STATION	MONUMENT TYPE	Adjust Existing Item No. 613.0110	Reconstruct Existing Item No. 613.0120	Offset from Baseline	Offset from Monument to & Striping	EXISTING DEPTH (FT.)
529+42.80	P.C.	X		0.25' Lt.	0.25' Lt.	
530+92.45	P.T.	X		0.18' Lt.	0.18' Lt.	
536+81	P.C.	X				
537+87	P.T.	X				
544+83.93	P.C.	X		0.24' Lt.	2.02' Lt.	
546+23.08	P.T.	X		0.16' Lt.	1.34' Lt.	
550+27.08	P.C.	X		0.23' Lt.	0.23' Lt.	
551+61.48	P.T.	X		0.24' Lt.	0.28' Lt.	
553+31.04	P.C.	X		0.33' Lt.	0.03' Rt.	
555+23.69	P.T.	X		0.22' Lt.	0.07' Rt.	
559+55.19	P.C.	X		0.21' Lt.	0.21' Lt.	
562+83.17	P.T.	X		0.38' Lt.	0.38' Lt.	
563+81.51	MON	X		1.31' Rt.	1.31' Rt.	
564+96.93	P.T.	X		0.25' Lt.	0.33' Rt.	
566+41	P.C.	X				
568+18.11	P.T.	X		0.17' Lt.	1.49' Rt.	
569+50.38	P.C.	X		0.14' Lt.	0.14' Lt.	
570+69.10	P.T.	X		0.20' Lt.	0.20' Lt.	
573+26.13	P.C.	X		0.24' Lt.	0.50' Lt.	
574+80.29	P.T.	X		0.27' Lt.	0.52' Lt.	
578+06	P.C.	X				
579+25	P.T.	X				
581+98	P.T.	X				
582+46	P.C.	X				
584+37	P.T.	X				
588+53.18	P.T.	X		0.19' Rt.	1.89' Lt.	
591+06.02	P.C.	X		0.19' Rt.	2.35' Rt.	
592+17.71	P.T.	X		0.27' Rt.	4.73' Rt.	
596+01.82	P.T.	X		0.27' Rt.	0.50' Lt.	
596+54.41	P.C.	X		0.25' Rt.	0.83' Lt.	
597+08.43	P.T.	X		0.29' Rt.	1.17' Lt.	
598+56.73	P.C.	X		0.32' Rt.	1.43' Lt.	
600+32	P.T.	X				
618+43.08	P.C.	X		0.48' Rt.	1.99' Lt.	
620+64.98	P.T.	X		0.37' Rt.	0.01' Rt.	
622+71.43	P.C.	X		0.40' Rt.	0.40' Rt.	
624+56.43	P.T.	X		0.64' Rt.	0.64' Rt.	
627+01.46	P.C.	X		0.62' Rt.	0.63' Rt.	
628+90	P.T.	X				
-19+91	P.I.	X				
-17+64	P.C.	X				
-10+38.33	P.T.	X		0.40' Lt.	0.40' Lt.	
-0+83	P.I.	X				
652+62.68	MON	X		0.00'	0.00'	
654+12.68	MON	X		0.02' Rt.	0.02' Rt.	
656+09.43	P.C.	X		0.07' Rt.	0.07' Rt.	

NOTE:
Station and offset given in the Centerline and Reference Survey Monument Schedule are only for monuments located by the Surveyor. Contractor shall verify existing monument locations in the field. (See General Note 2, 22 & 23).

Note: This tracing prepared during "As-Built" posting.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

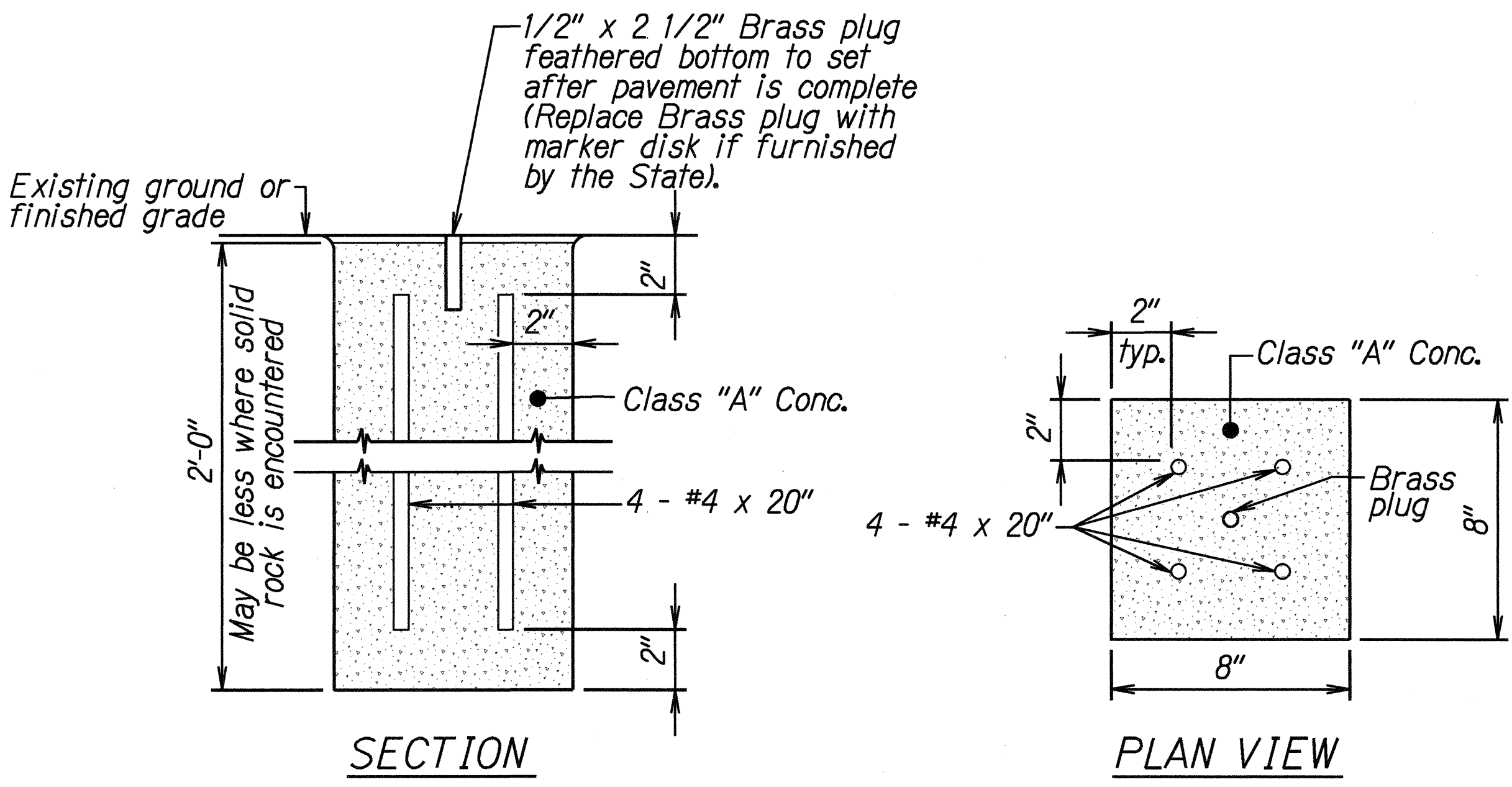
MISCELLANEOUS SCHEDULES

HAWAII BELT ROAD RESURFACING
HONOKUA TO PAHOEHOE
Project No. 11BC-01-01M

Scale: None Date: September 2004

SHEET No. 1 OF SHEETS

CENTERLINE AND REFERENCE SURVEY MONUMENT SCHEDULE							
PROJECT	STATION	MONUMENT TYPE	Adjust Existing Item No. 613.0110	Reconstruct Existing Item No. 613.0120	Offset from Baseline	Offset from Monument to (C. Striping)	EXISTING DEPTH (FT.)
11BC-01-01M	657+47.27	P.T.	x		0.20' Rt.	0.20' Rt.	
	660+01.48	P.C.	x		0.18' Rt.	0.18' Rt.	
	660+98.61	P.T.	x		0.11' Rt.	0.11' Rt.	
	666+67.63	P.C.	x		0.29' Lt.	0.29' Lt.	
	668+03.01	P.T.	x		0.31' Lt.	0.31' Lt.	
	669+89.90	P.C.	x		0.49' Rt.	2.20' Rt.	
	676+05.32	P.I.	x		0.23' Lt.	0.23' Lt.	
	677+95.55	MON	x		2.07' Rt.	2.07' Rt.	
	682+70.72	P.C.	x		0.06' Lt.	0.06' Lt.	
	684+30.54	P.T.	x		0.01' Rt.	0.01' Rt.	
	686+81.07	P.I.	x		0.03' Lt.	0.03' Lt.	
	690+15.55	P.C.	x		0.00'	0.17' Rt.	
	691+23.86	P.T.	x		0.09' Lt.	2.67' Rt.	
	-27+50.06	MON	x		0.00'	1.75' Rt.	
	-26+82.05	MON	x		0.57' Lt.	1.12' Rt.	
	-13+99.87	MON	x		0.04' Rt.	0.49' Rt.	
	-9+35.99	P.C.	x		0.08' Lt.	0.08' Lt.	
	-4+56.95	P.T.	x		0.03' Lt.	0.03' Lt.	
	0+66.67	P.C.	x		0.00'	0.00'	
	728+68.65	P.T.	x		0.06' Rt.	0.06' Rt.	
	736+30.76	P.I.	x		0.55' Rt.	0.55' Rt.	
	737+52		X				
	739+69		X				
	742+44	P.C.	X				
	743+97.50	P.T.	X				
	745+72.70	P.C.	X				
	747+01	P.T.	X				
	748+14	P.C.	X				
	749+29.80	P.T.	X				
	749+89	P.T.	X				
	752+22.80	P.C.	X				
	753+72.80	P.T.	X				
	755+93.60	P.C.	X				
	757+70	P.T.	X				
	757+94.50	P.T.	X				
	759+17	P.C.	X				
	760+92	P.T.	X				
	763+27.30	P.C.	X				
	764+44.40	P.T.	X				
	778+59.20	P.C.	X				
	780+10.40	P.T.					
	780+24.70	P.T.					



DETAIL FOR CENTERLINE & REFERENCE SURVEY MONUMENT

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Masahiro Nishida
DATE: March 29, 2001

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

HAWAII BELT ROAD RESURFACING
HONOKUA TO PAHOEHOE
PROJECT NO. 11BC-01-01M

Scale: None Date: March, 2001

SHEET NO. 2 OF 3 SHEETS

"AS-BUILT"

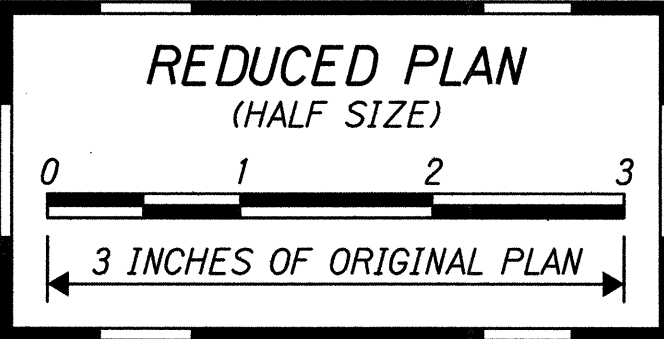
UTILITY SCHEDULE					
PROJECT	STATION	OFFSET FROM CENTERLINE		TYPE	REMARKS
		LEFT	RIGHT		
	394+01.27	7'		WM	ADJUST HEIGHT
	403+40.00	7'		WV	ADJUST HEIGHT
	405+37.04	7'		WV	ADJUST HEIGHT
	407+15.61	5'		WV	ADJUST HEIGHT
	417+42.98	9'		WM	ADJUST HEIGHT
	421+25.38	14'		WV	ADJUST HEIGHT
	421+28.00	14'		WV	ADJUST HEIGHT
	422+39.49	16'		WV	ADJUST HEIGHT
	426+36.66	14'		WV	ADJUST HEIGHT
	426+58.27	12'		WV	ADJUST HEIGHT
	428+03.87	19'		WV	ADJUST HEIGHT
	430+69.54	12'		WM	ADJUST HEIGHT
	438+76.16	9'		WM	ADJUST HEIGHT
	439+40.00	9'		WV	ADJUST HEIGHT
	441+11.72	9'		WV	ADJUST HEIGHT
	444+90.43	9'		WV	ADJUST HEIGHT
	464+78.70	4'		WV	ADJUST HEIGHT
	465+30.37	7'		WV	ADJUST HEIGHT
	466+09.54	9'		WV	ADJUST HEIGHT
	471+38.79	6'		WV	ADJUST HEIGHT
	474+43.07	7'		WV	ADJUST HEIGHT
	477+32.32	10'		WV	ADJUST HEIGHT
	483+49.84	7'		WV	ADJUST HEIGHT
	485+09.33	11'		WV	ADJUST HEIGHT
	485+32.90	11'		WV	ADJUST HEIGHT
Abbreviations : WV - Water Valve WM - Water Meter					

MILEPOST AND ROUTE MARKER SCHEDULE							
PROJECT	STATION	LEFT	RIGHT	ROUTE MARKER SIGN NO. (ROUTE NO.)	REMAIN	REMOVE	INSTALL TYPE A ASSEMBLY
11BC-01-01M	407+23.86	●		M1-6 (11)		1	1
	486+25.24		●	M1-6 (11)		1	1
	510+75.33	●		M1-6 (11)		1	1
	511+81.51		●	M1-6 (11)		1	1
	594+45.78	●		M1-6 (11)		1	1
	596+06.32		●	M1-6 (11)		1	1
	671+54.83	●		M1-6 (11)		1	1
	671+56.03		●	M1-6 (11)		1	1
TOTALS						8	8
PROJECT	STATION	LEFT	RIGHT	MILE POST D10-4(12"x24") MILE POST NO. (RTE. NO.)	REMOVE	INSTALL WITH POST (BI-DIRECTIONAL)	
11BC-01-01M	395+78.64	●		103	1	1	1
	448+90.06	●		102 (11)	1	1	1
	502+47.90	●		101 (11)	1	1	1
	554+89.74	●		* 100 (11)	1	1	1
	607+86.24	●		99	1	1	1
	661+31.26	●		98 (11)	1	1	1
	-12+13.72	●		97 (11)	1	1	1
TOTALS					7	7	

* CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF KILOMETER POST SIGN TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
Type A	230 288 Each
Type C	1726 1740 Each
Type D	1976 1740 Each
Blue Fire Hydrant Pavement Markers	7 10 Each
THERMOPLASTIC EXTRUSION or TAPE, TYPE I 4-Inch Pavement Stripe (Double Yellow)	38,287 34,790 L.F.
THERMOPLASTIC EXTRUSION or TAPE, TYPE II 4-Inch Pavement Stripe (White)	76,795 69,580 L.F.
THERMOPLASTIC EXTRUSION or TAPE, TYPE III 12-Inch Pavement Stripe (White)	251 211 L.F.
Crosswalk Marking (White)	2 Lanes

DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Masahiro Nishida
DATE: April 27, 2001

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

HAWAII BELT ROAD RESURFACING
HONOKUA TO PAHOEHOE
PROJECT NO. 11BC-01-01M

Scale: None Date: March, 2001

SHEET No. 3 OF 3 SHEETS