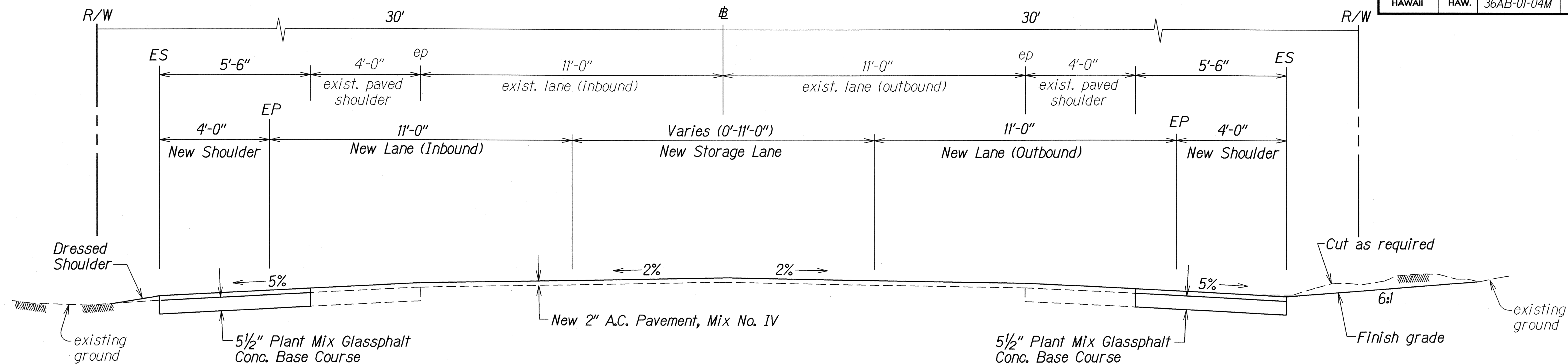


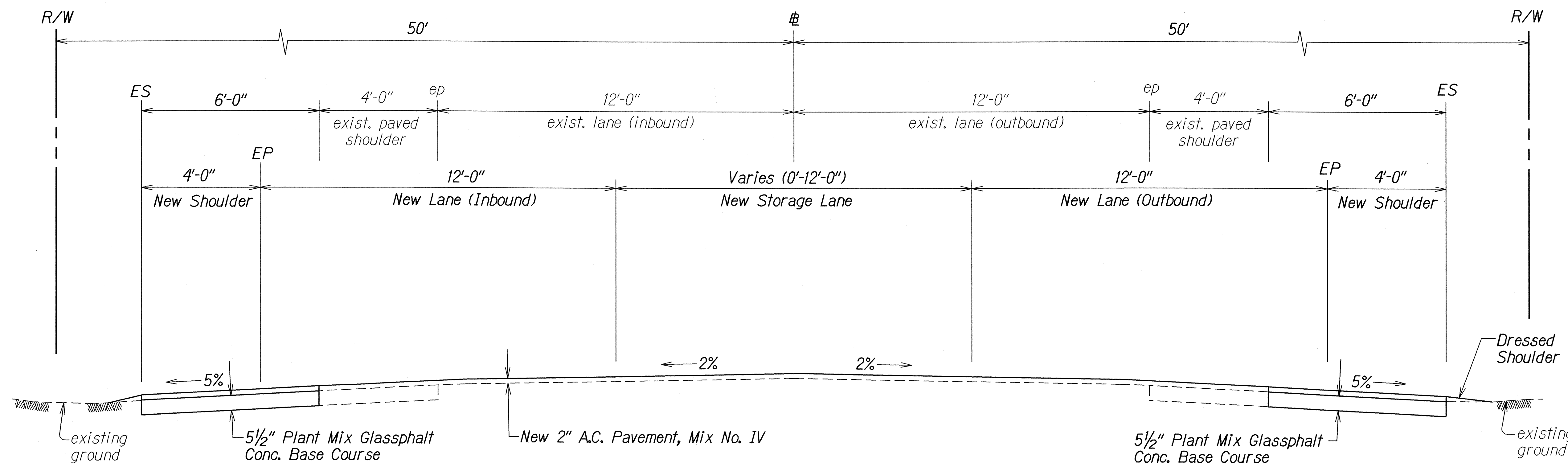
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.11	54



HANA HIGHWAY AND HOOKIPA PARK LEFT-LANE STORAGE

± STA. 113+60 - ± STA. 122+35

Scale: 1/2" = 1'-0"



HANA HIGHWAY AND SPRECKELVILLE ROAD LEFT-LANE STORAGE

± STA. 226+50± - ± STA. 235+95±

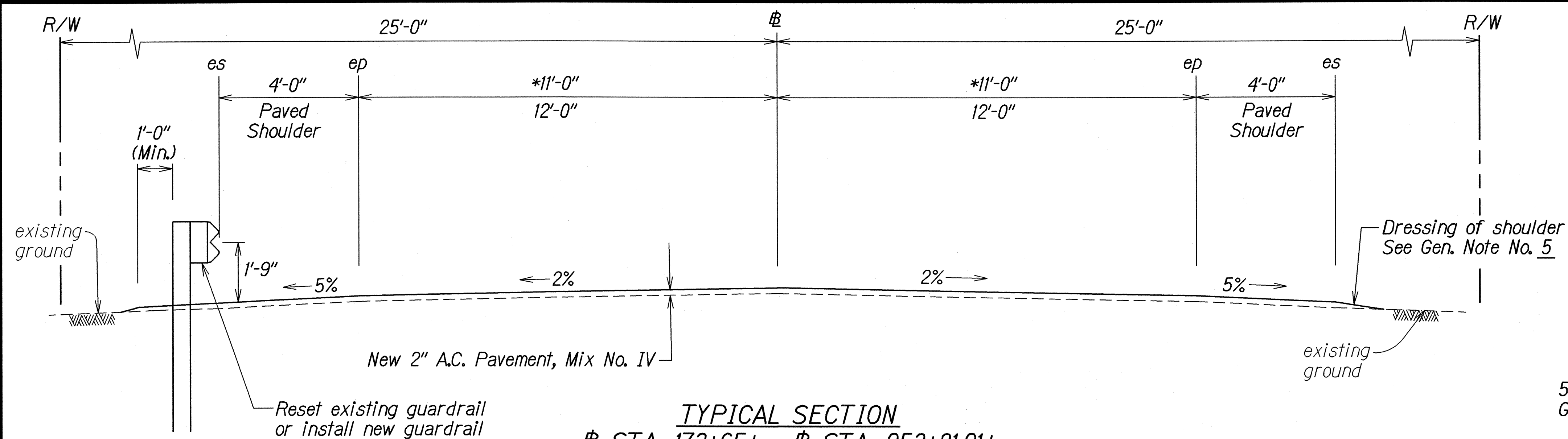
Scale: 1/2" = 1'-0"

ORIGINAL PLAN	DATE	12/03
SURVEY PLOTTED BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		
DATE		

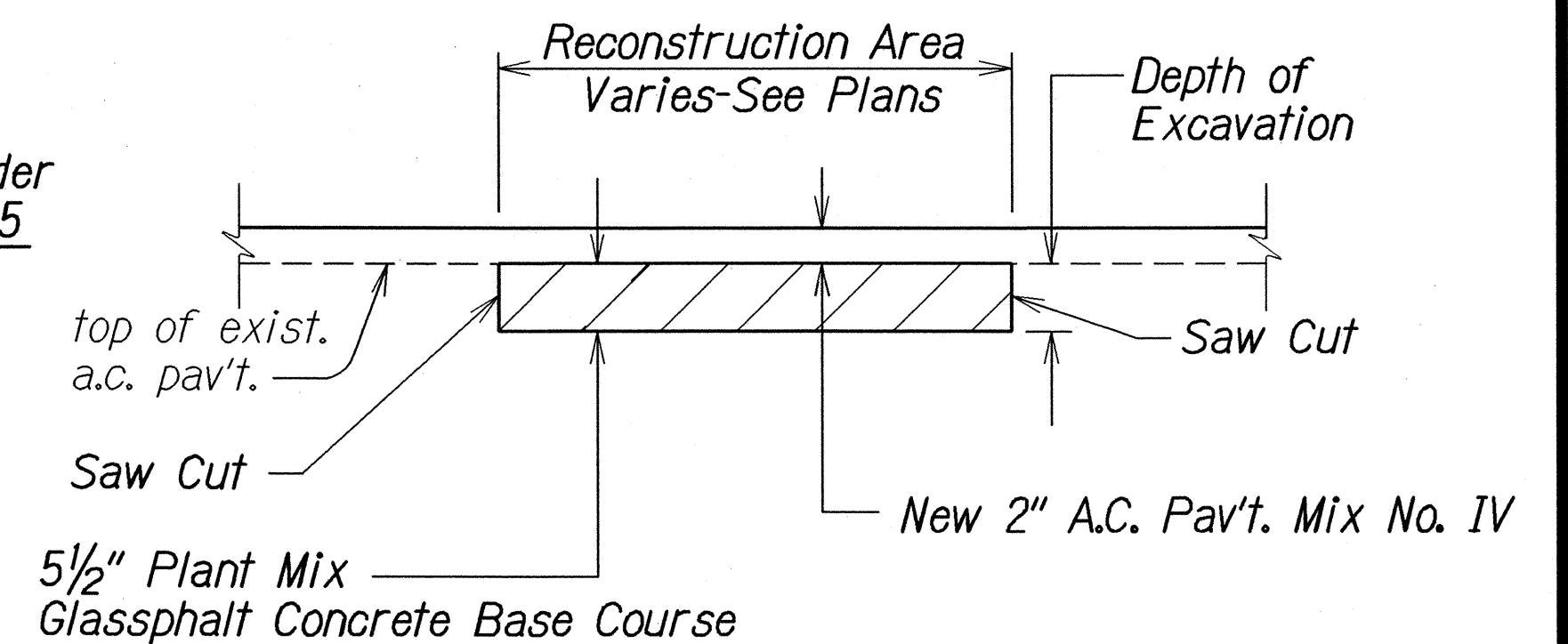
5-27-04	Revised typical sections - ± Sta. 113+60 - ± Sta. 122+35 ± Sta. 226+50 - ± Sta. 235+95
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TYPICAL SECTIONS & DETAILS
HANA HIGHWAY RESURFACING Haleakala Highway to Hookipa Park Project No. 36AB-01-04M
Scale: As Shown Date: December, 2003
SHEET No. 1 OF 2 SHEETS

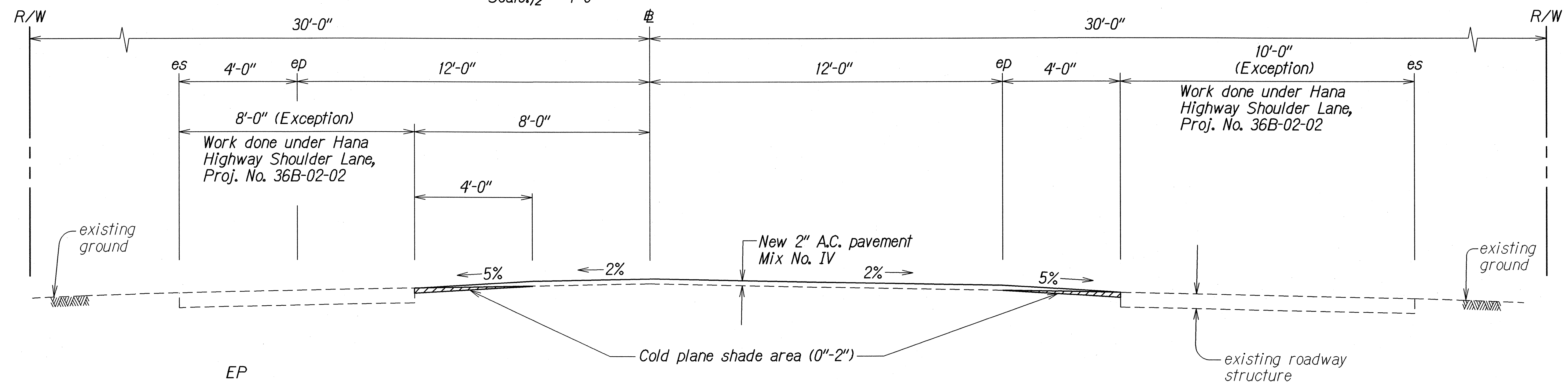
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.12	54



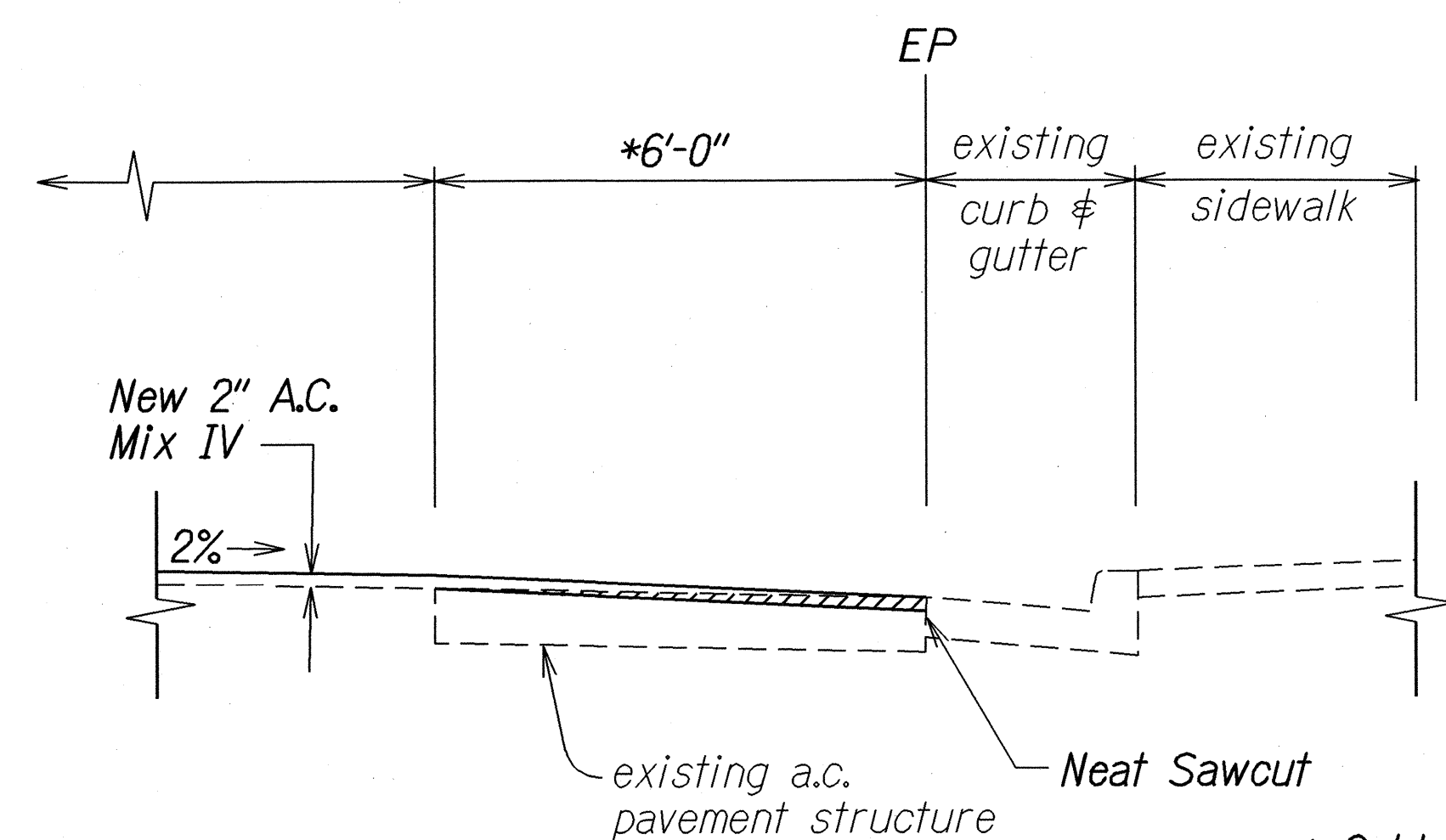
TYPICAL SECTION
 STA. 173+65± - STA. 253+81.21±
 STA. 10+04.82± - STA. 17+00±
 STA. 17+00± - STA. 122+35±
 Scale: 1/2" = 1'-0"



A.C. PAVEMENT RECONSTRUCTION DETAIL
 Not To Scale

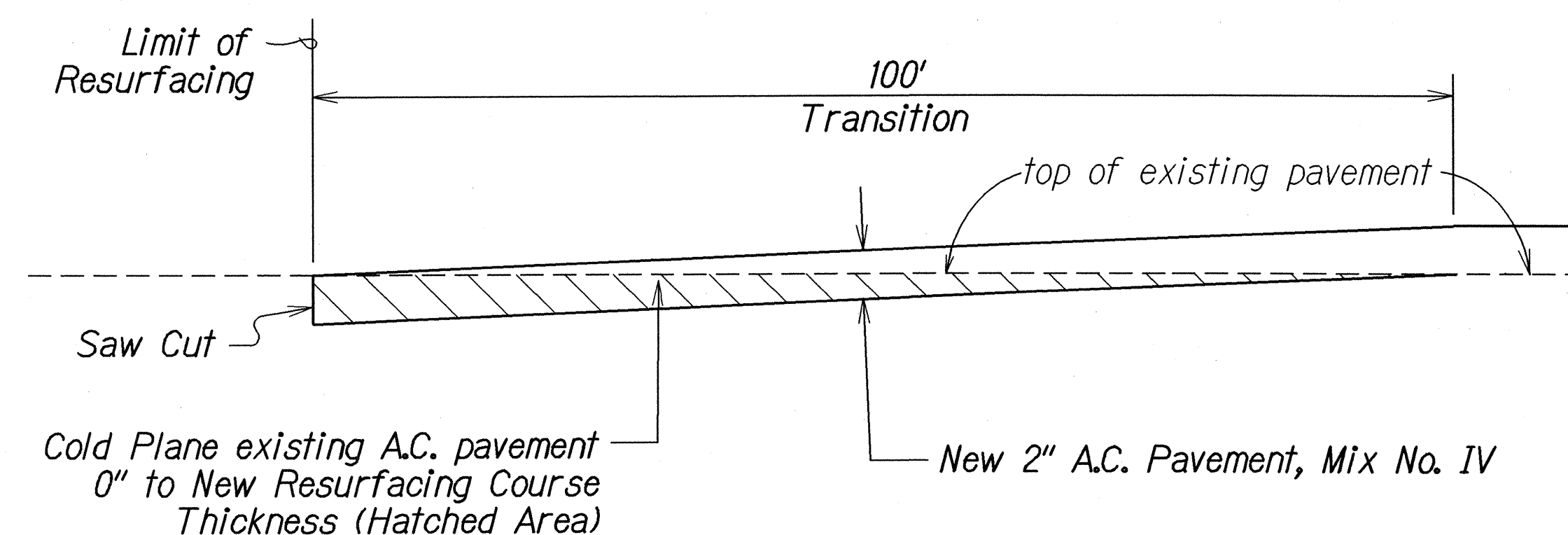


TYPICAL SECTION
 STA. 228+00± - STA. 253+81.21
 Scale: 1/2" = 1'-0"



DETAIL FOR COLD PLANE
 STA. 0+60± RT. - STA. 12+60± RT.
 Scale: 1/2" = 1'-0"

* Cold Planed A.C. Pavement 0" to 2" where exist. concrete gutter, and driveway occurs (Hatched Area)



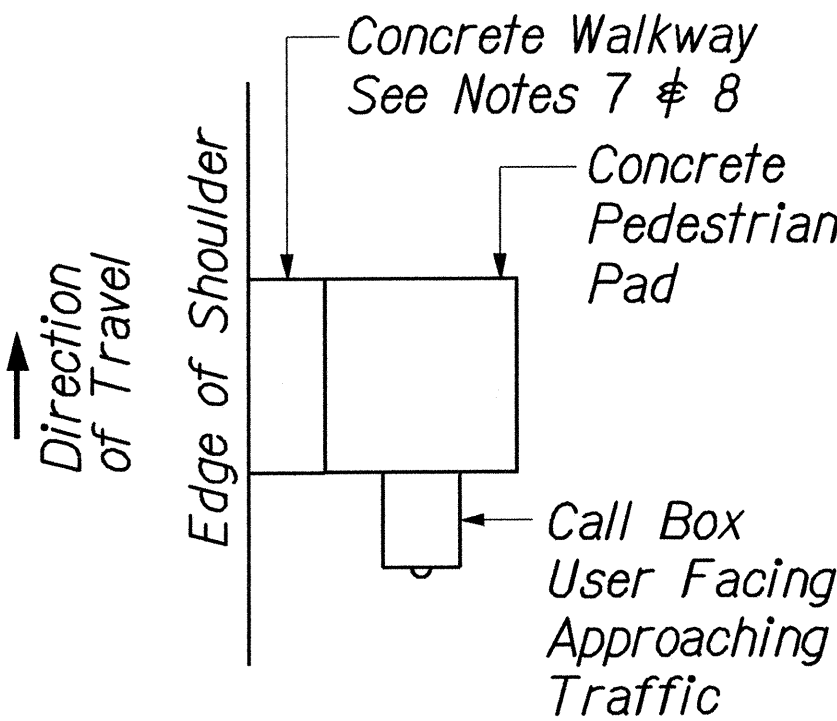
COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
 Not To Scale

5-27-04	Revised typical section stationing Sta. 10+04.82 - Sta. 117+00 to Sta. 10+04.82 - Sta. 17+00
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTIONS & DETAILS	
HANA HIGHWAY RESURFACING Haleakala Highway to Hookipa Park Project No. 36AB-01-04M	
Scale: As Shown	Date: December, 2003
SHEET No. 2 OF 2 SHEETS	

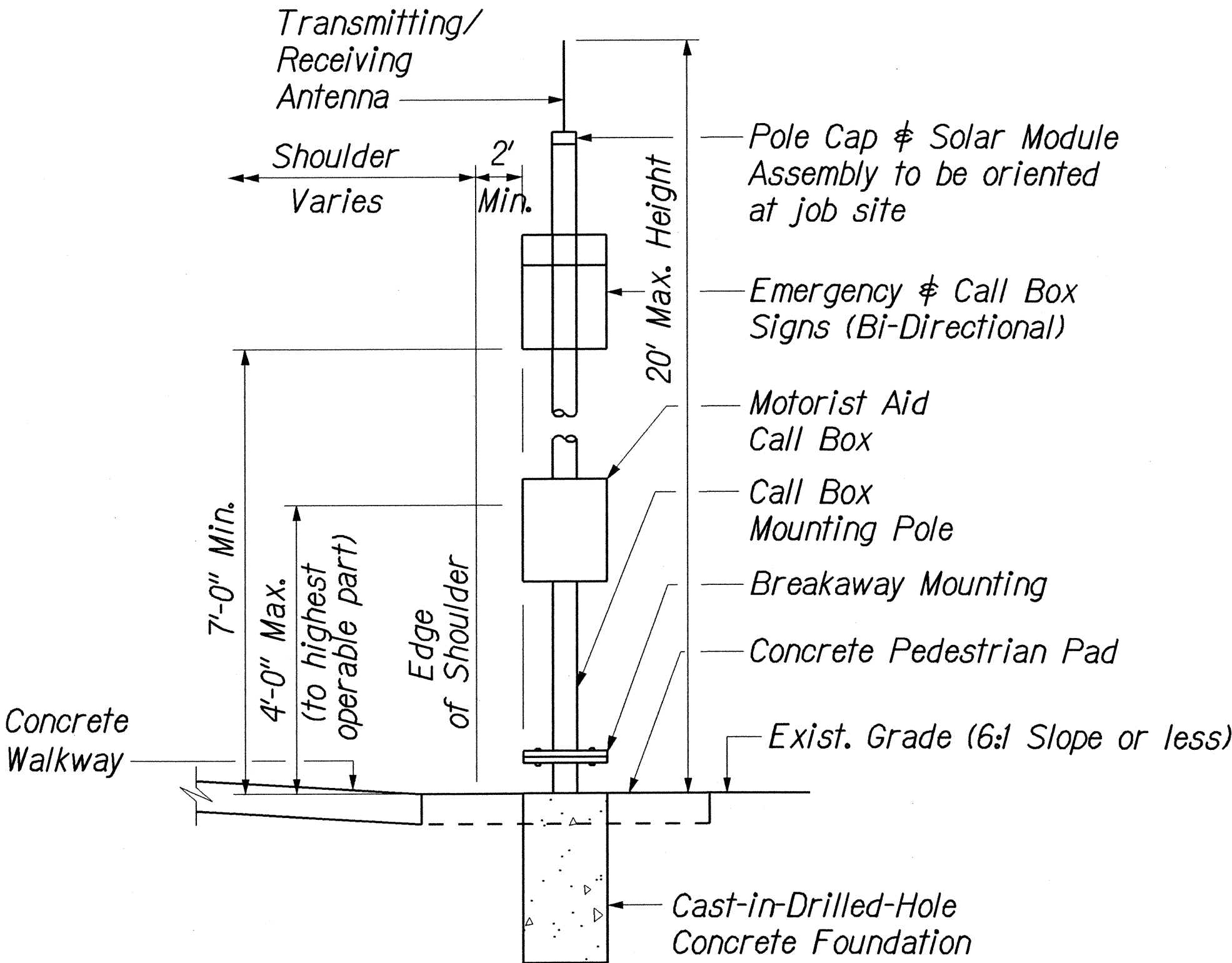
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.18	54

GENERAL NOTES:

1. The exact locations of Emergency Call Box units shall be determined in the field by the Engineer.
2. Concrete walkway from pedestrian pad to edge of shoulder shall not exceed a maximum slope of 5 % (20:1). See Sheet No. DI for detail.
3. Excavation and backfilling work will be considered part of Emergency Telephone installation, and payment thereof will be considered as incidental to various contract items.
4. The Contractor shall provide 4-inch bed course material under Pedestrian Access (concrete; walkways, pedestrian pads and accessible ramps), except those Pedestrian Access over existing concrete gutter.
5. The Contractor shall replace all existing Emergency Telephone Call Box units to meet ADA requirements, and the requirements of the Contract Specifications.
6. If an accessible ramp is not constructed according to plans, the Contractor shall reconstruct the accessible ramp at no cost to the State. Construction tolerance for Portland Cement Concrete shall be based on 1/4" per 10 ft. (+ 0.2%). Remedial measures will not be accepted.
7. Concrete walkway from pedestrian pad to edge of shoulder shall not exceed a maximum slope of 5% (20:1). See Sheet No. DI for detail.
8. If concrete walkway from pedestrian pad to edge of shoulder exceeds the maximum slope of 5% (20:1), a concrete accessible ramp shall be constructed. See Sheet No. DI for detail.



TOP VIEW



SIDE VIEW

TYPICAL INSTALLATION

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

1/2" EMERGENCY TEL/HI/CONVERSION/HI/GEN NOTES.dgn

5-27-04	Add General Notes Nos. 7 & 8.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES & TYPICAL INSTALLATION DETAILS
HANA HIGHWAY RESURFACING
Haleakala Highway to Hookipa Park
Project No. 36AB-01-04M
Scale: As Shown Date: February, 2004
SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.54	54

RECONSTRUCTION OF WEAKENED AREAS						
STATION TO STATION (APPROX.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (INCHES)	EXCAVATION (CY.)	ACB (TONS)
176+50 - 179+50	Rt.	300	12	5½	61.11	125.40
187+50 - 188+00	Rt.	50	12	5½	10.19	20.91
227+00 - 227+95	Rt.	95	6	5½	9.68	19.86
6+50 - 8+50	Rt.	200	6	5½	20.37	41.80
13+00 - 14+75	Rt.	175	6	5½	17.82	36.57
15+00 - 17+00	Rt.	200	10	5½	33.95	69.67
17+00 - 17+50	Lt.	50	10	5½	8.49	17.42
18+00 - 20+35	Rt.	235	6	5½	23.94	49.12
32+00 - 34+00	Rt.	200	6	5½	20.37	41.80
35+70 - 36+00	Lt.	30	10	5½	5.09	10.44
44+00 - 45+30	Rt.	130	6	5½	13.24	27.17
46+50 - 48+00	Rt.	150	6	5½	15.28	31.35
51+30 - 51+75	Lt.	45	10	5½	7.64	15.68
52+50 - 55+40	Rt.	260	6	5½	26.48	54.34
432+00 -432+80	Rt.	80	6	5½	8.15	16.72
434+50 - 434+60	Rt.	10	6	5½	1.02	2.09
438+50 - 438+60	Lt.	10	10	5½	1.70	3.49
112+00 - 113+75	Rt.	175	6	5½	17.82	36.57
114+00 - 116+65	Lt.	250	10	5½	42.44	87.09
115+00 - 116+65	Rt.	165	10	5½	28.01	57.48
TOTAL					372.79	764.97
ESTIMATED QTY.					380.00	770.00

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/03
me/lay	DESIGNED BY	
me/lay	QUANTITIES BY	
me/lay	CHECKED BY	

5-27-04	Revised stationing 43+00 - 45+30 43+50 - 48+00
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Haleakala Highway to Hookipa Park
Project No. 36AB-01-04M

Date: December, 2003

SHEET No. 2 OF 2 SHEETS