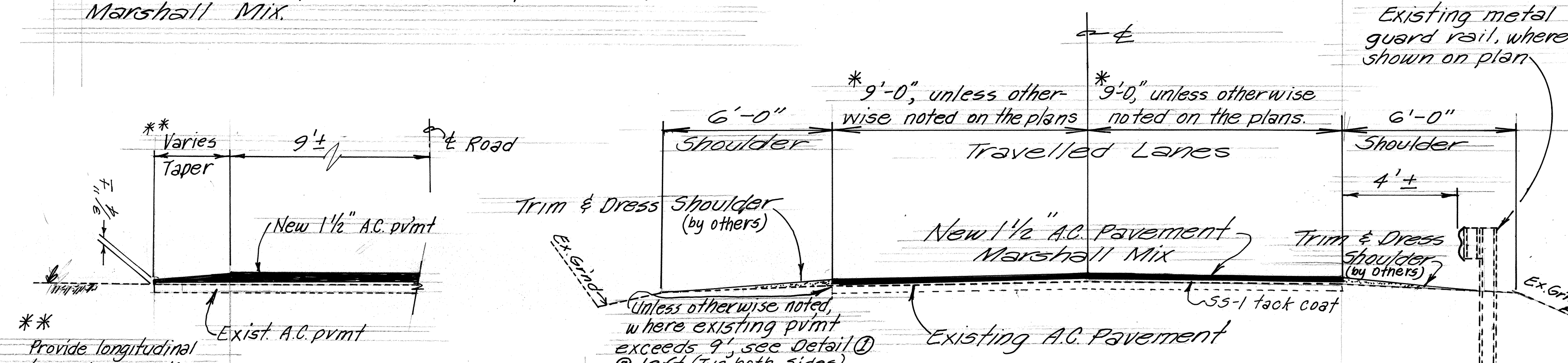


GENERAL NOTES:

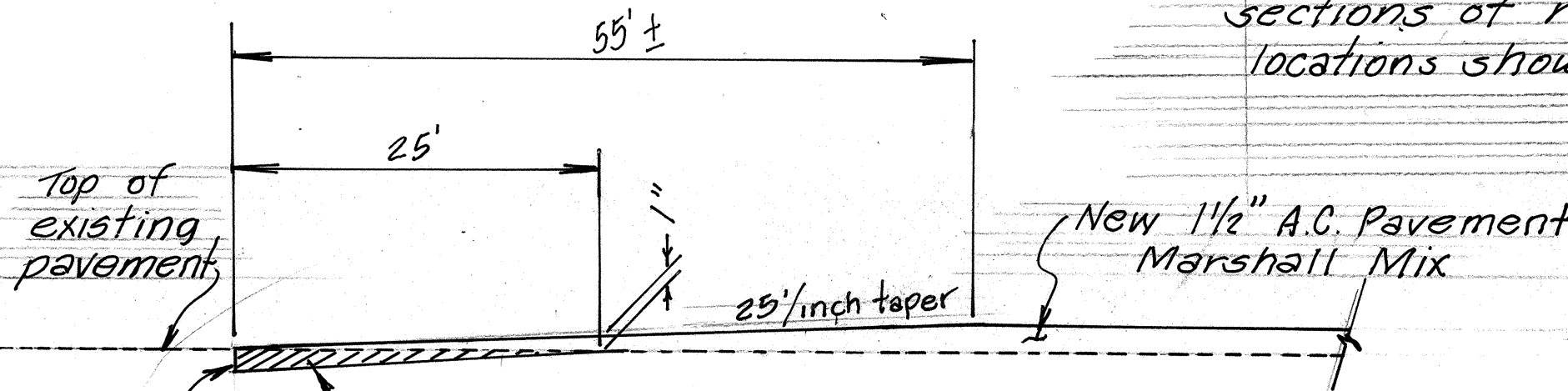
1. Scope of Work: Resurfacing, installing raised pavement markers & pavement striping.
2. All potholes, depressions, cracks, and wheel ruts shall be cleaned, filled, levelled and compacted with $\frac{3}{4}$ " $\pm$ of levelling course of asphalt concrete Marshall Mix prior to resurfacing. This work will be measured and paid for as provided for under Item No. 401.0600 - Asphalt Concrete Pavement Marshall Mix.
3. Existing raised pavement markers shall be removed from the entire area to be resurfaced by such method that will cause the least possible damage to the pavement. This work will not be measured for payment but shall be considered incidental to various contract items.
4. Provide smooth riding connections from the new pavement overlay to the existing pavement at the beginning and at the end of the project in accordance with the Typical Sections. For all government approaches, resurfacing shall extend to the Highway R/W Line. For all paved private approaches, resurfacing shall be 4' long, measured from the edge of pavement of the highway. For all paved approaches, resurfacing shall be tapered to meet the existing pavements.
5. "Brooming off" and grading of the shoulders prior to resurfacing will not be measured or paid for separately, but shall be considered incidental to Item No. 401.0600 - Asphalt Concrete Pavement, Marshall Mix.
6. The Contractor shall be held liable for all damages incurred to existing utility facilities as a result of his operations. All damages shall be repaired and/or replaced immediately in accordance with the Standards & Specifications of the State and/or the affected utility company. On any unreasonable delay by the Contractor, the State shall repair said damages and bill the Contractor for the costs incurred.
7. All lanes shall be open to traffic during the morning peak hours from 6:30 A.M. to 8:30 A.M., during the afternoon peak hours from 3:30 P.M. to 5:30 P.M., and during holidays and non-working hours. The Contractor shall have the option of either providing for one lane of traffic at all times during working hours or the Contractor can close portions of Waimea Canyon Drive to public traffic during working hours (8:30 A.M. to 3:30 P.M.). All road closures requirements as specified in Sec. 107 of the Standard Specs. shall be complied with. Kehaha Sugar Company & all Emergency vehicles shall be allowed access through the project site with caution.
8. Existing wearing surfaces indicated in the Typical Sections varies. Surfaces indicated are typical and are not intended to represent any specific location.
9. If it is necessary to run public traffic over roadways soon after the paving operations, the Contractor shall install temporary pavement marking tape and raised pavement markers as directed by the Engineer. For additional requirements, refer to Section 629 of the Standard Specifications and Special Provisions. This work shall be considered incidental to the various contract items, and no separate payments will be made therefor.
10. All existing facilities shown on the plans are taken from the latest available data, however, the accuracy is not guaranteed.
11. Trimming & dressing of shoulders will be done by others.

12. No material or equipment shall be stockpiled or parked within the Highway Right of Way except at locations designated in writing by the Engineer.
13. All existing, paved turn-out areas located within the project limits, whether shown or not on the plans, shall be resurfaced.
14. SS-1 tack coat shall not be paid for separately, but shall be considered incidental to Item No. 401.0600 - Asphalt Concrete pavement, Marshall Mix.

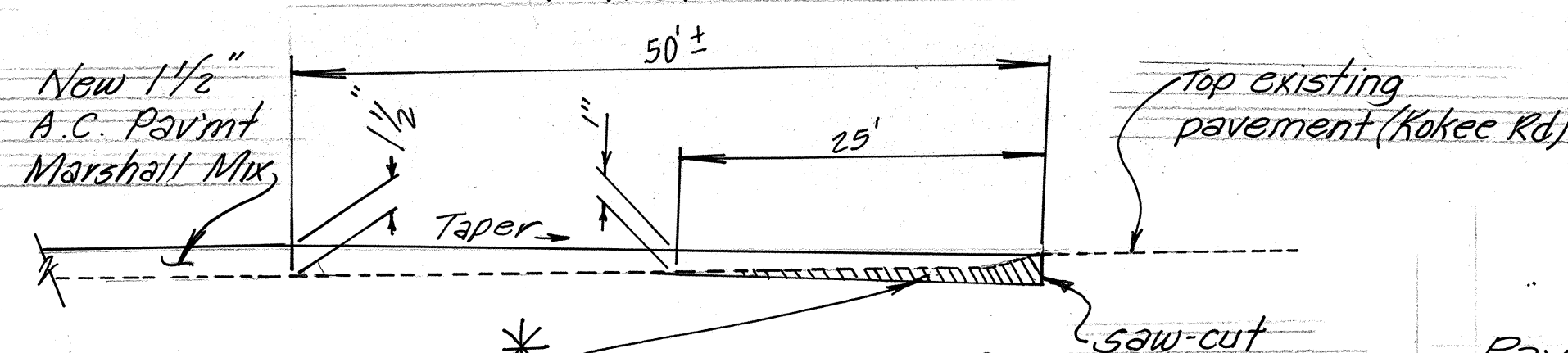
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	550A-01-90M	1990	3	6



DETAIL ①
N.T.S.



PAVEMENT TRANSITION @
BEGINNING OF PROJECT
N.T.S.



PAVEMENT TRANSITION @
END OF PROJECT
N.T.S.

- * Cold planing & removal of existing A.C. pav't will not be paid for separately, but shall be considered incidental to Item No. 401.0600 - Asphalt Concrete Pavement, Marshall Mix.

- * Contractor shall pave to the full width of the existing pavement at all curved sections of roadway and at other locations shown on the plans.

TYPICAL SECTION
Scale: $\frac{3}{8}$ " = 1'-0"

SUMMARY OF PAVEMENT STRIPING & RAISED PAVEMENT MARKERS - Proj. No. 550A-01-90M									
Station	Striping L.F.		Pavement Markers			Zone			
	\$	E.P.	Type DL	Type HL	Type LL				
142+00 To 192+16	10052		251			No Pass			
192+16 To 196+91	475		12	12	48	No Pass/Pass			
196+91 To 201+13			11		40	Pass			
201+13 To 204+83	370		9	9	36	Pass/No Pass			
204+83 To 270+83	13220		331			No Pass			
270+83 To 274+53	370		9	9	36	No Pass/Pass			
274+53 To 279+81	528		13	13	52	Pass/No Pass			
279+81 To 338+95	11848		296			No Pass			
338+95 To 343+18	423		11	11	44	No Pass/Pass			
343+18 To 348+46	528		13	13	52	Pass/No Pass			
348+46 To 352+16	760		19			No Pass			
Totals	38,574		975	67	308				

Pavement Marking Notes:

1. Location of new pavement markings shall be staked out in the field by the Contractor for approval by the Engineer prior to installation.
2. All striping, markings & raised pavement markers shall be installed in accordance with the Standard Plans of the Dept.
3. All pavement striping, except stop bars, shall be painted.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & TYPICAL SECTIONS

WAIMEA CANYON DRIVE RESURFACING
M.P. 2.8 TO M.P. 6.7
PROJECT NO. 550A-01-90M

Scale: As Shown Jan, 1990
SHEET NO. 1 OF 1 SHEETS