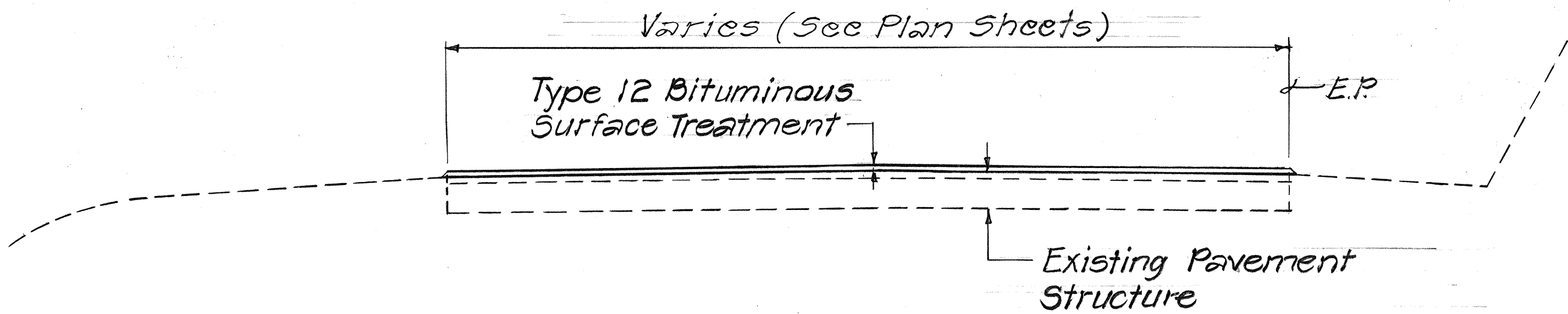


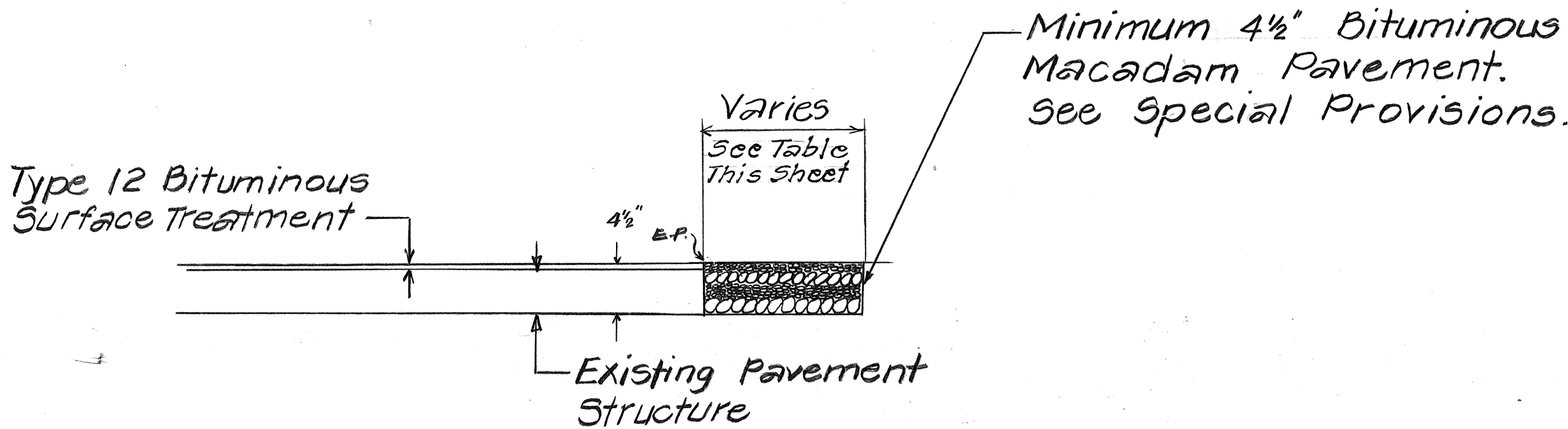
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	440B-01-83M	1983	2	7

GENERAL NOTES

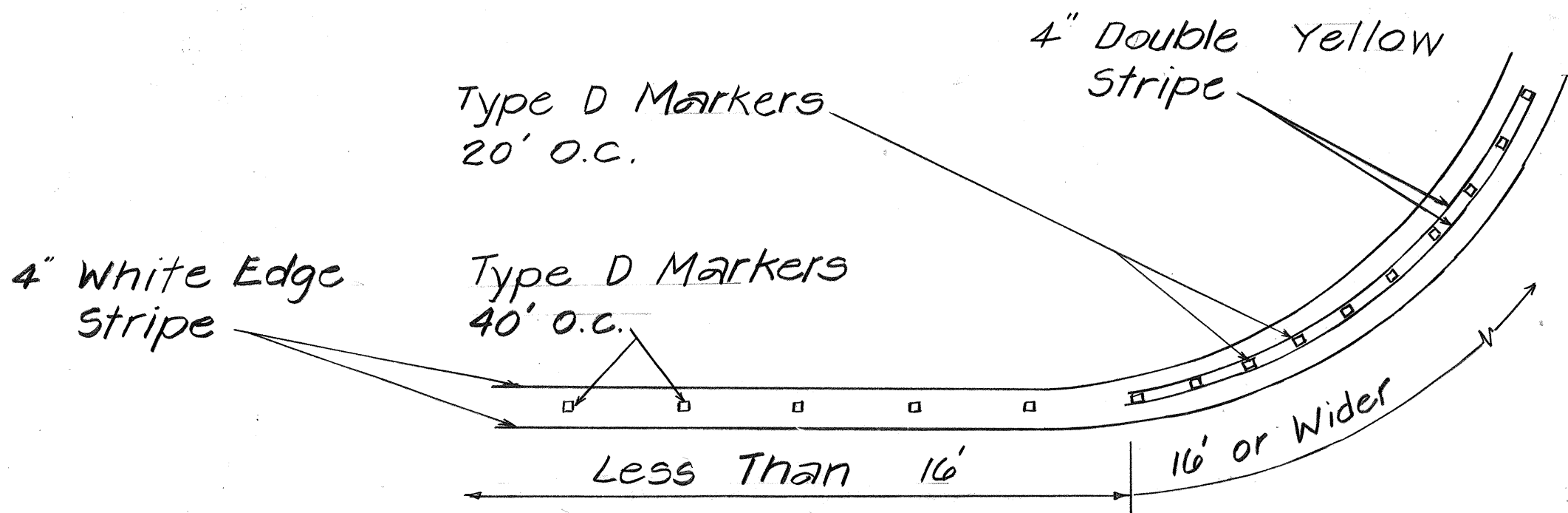
1. This project begins at milepost 11.87 on Manele Road, approximately 6.07 miles southerly from Kaumalapau Highway, and extends for a distance of 1.36 miles along Manele Road towards Manele Harbor. Improvement consist of resurfacing the existing roadway with bituminous surface treatment, widening of curves, installing pavement markers, and pavement striping. The length of project is 1.36 miles.
2. All chuck holes and large depressions shall be filled and compacted with bituminous material and aggregate prior to resurfacing as directed by the Engineer. Payment shall be incidental to Type 12 Bituminous Surface Treatment.
3. The contractor shall keep at least one lane open to public traffio during his working hours and all lanes open to public traffic during his non-working hours.
4. The contractor shall clean the highway surface before installing the pavement markers by brooming off and/or as directed by the Engineer. Payment shall be incidental to Pavement Markers.
5. Smooth riding transitions shall be constructed at the beginning and ending of the project as directed by the Engineer. The Contractor shall also provide smooth riding transitions between all pavement areas used by public traffic during each construction phase and between transitions of construction phases. Payment for making smooth transitions shall be incidental to Type 12 Bituminous Surface Treatment.
6. All construction signs shall be left in-place until all construction items are completed.



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



TYPICAL SECTION FOR
WIDENING OF CURVES
NTS



TYPICAL STRIPING DETAIL
Scale: 1" = 50'

WIDENING OF CURVES		
Approximate Station to Station	LengthxWidth (Ft.)	Area (Sq. Ft.)
170+00 to 170+50 R		
170+50 to 171+00 R	1 x 50	50
171+00 to 171+50 R	3.5 x 50	175
171+50 to 172+00 R	5.5 x 50	275
172+00 to 172+50 R	5 x 50	250
172+50 to 173+00 R	2 x 50	100
173+50 to 174+00 L	1 x 50	50
174+00 to 174+50 L	3 x 50	150
174+50 to 175+00 L	4 x 50	200
175+00 to 175+50 L	3 x 50	150
175+50 to 176+00 L	1 x 50	50
Total Area		1450

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
GENERAL NOTES
MANELE ROAD RESURFACING
LANAI CITY TOWARDS MANELE BAY
PROJ. NO. 440B-01-83M
SCALE: AS NOTED JULY 1982
SHEET No. 1 OF 1 SHEETS