

SUMMARY OF PAVEMENT DESIGN RECOMMENDATIONS

Rehabilitation of Pali Highway
Waokanaka Street to Kamehameha Highway
Honolulu to Kaneohe, Oahu, Hawaii

BEGIN STATION	END STATION	GENERALIZED EXISTING PAVEMENT SECTION	DESIGN RECONSTRUCTION PAVEMENT SECTION	RECOMMENDED RECONSTRUCTION PAVEMENT SECTION ⁽¹⁾
OUTBOUND AND INBOUND				
MP 2.64 (Sta. 26+88.3)	MP 5.33 (Sta. 77+77.7)	7.0" AC/ACB <u>23.0" AB/ASB</u> 30.0" Total	4.0" AC (new) 6.0" ACB (New) <u>13.0" AB/ASB (Existing)</u> 23.0" Total ⁽¹⁾	4.0" AC 6.0" ACB
MP 5.33 (Sta. 77+77.7)	MP 6.59 (Sta. 144+20.7 OB) (Sta. 145+34.1 IB)	7.0" AC/ACB <u>14.0" AB/ASB</u> 21.0" Total	4.0" AC (new) 7.0" ACB (New) <u>10.0" AB/ASB (Existing)</u> 21.0" Total	4.0" AC 7.0" ACB
MP 6.59 (Sta. 144+20.7 OB) (Sta. 145+34.1 IB)	MP 7.68 (Sta. 203+55.26)	10.0" AC/ACB <u>7.0" AB/ASB</u> 17.0" Total	4.0" AC (new) 9.5" ACB (New) <u>3.0" AB/ASB (Existing)</u> 16.5" Total	4.0" AC 9.5" ACB

Legend:

- 1 A thinner section could be used since there is another 7 inches of existing AB/ASB left. However, we recommend that a minimum of 4 inches of wearing course (4" AC) and one lift of ACB (6 inches maximum thickness) totaling 10 inches be used for pavement reconstruction.
- 2 OB = Outbound IB = Inbound