

## 5.2 FARE STRUCTURE ANALYSIS

The current fare structure is shown in Table 5-6. Fares are set by the Maui County Council. Current fares went into effect July 1, 2012 when the general cash fare went from \$1.00 per ride to \$2.00 per ride. Fares are reaffirmed each year as part of the county budget setting process. Maui Bus does not provide free transfers to complete a one-way trip. Passengers must pay for each boarding, which makes the \$4.00 daily pass or the \$45.00 monthly pass options price competitive.

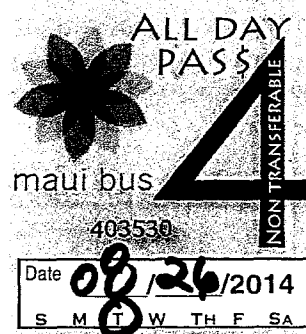


Table 5-6: Current Maui Bus Fare Structure (2016)

| Fare Type                                      | Cost   |
|--|--|
| Cash Fare                                      | \$2.00, includes fixed route, commuter and ADA paratransit |
| Daily Pass                                     | \$4.00, fixed route and ADA paratransit                    |
| Monthly Passes:                                |  |
| General  | \$45.00, fixed route, commuter and ADA paratransit         |
| Student (valid school ID)                      | \$30.00, fixed route and ADA paratransit                   |
| Senior (55 years & older)                      | \$25.00, fixed route service only                          |
| Person with Disability                         | \$30.00, fixed route service only                          |
| Senior ADA Paratransit Pass (55 years & older) | \$30.00, ADA paratransit only                              |

The \$45.00 monthly pass is valid for fixed route, commuter and ADA paratransit services. The monthly pass is discounted for students, seniors and persons with disabilities. The student pass of \$30.00 per month requires a valid school identification card and is valid for both fixed route and ADA paratransit. The \$25.00 per month senior pass is for those who are 55 years and older and is valid for fixed route only. The \$30.00 persons with a disability monthly pass is for fixed routes only. The \$30.00 senior ADA paratransit pass is for ADA paratransit only.

Several transit fare policy investigations were conducted to determine how the Maui Bus transit fare structure compares with other transit systems. One investigation involved the *Public Transportation Fare Database*. This is a report prepared by the American Public Transportation Association through a voluntary survey of its members. The 2014 survey was compiled and released April 2015. The survey includes all public transportation modes, but only those 153 transit systems reporting data for the bus mode were included in the investigation. These 153 bus systems serve all sizes of urban areas in all parts of North America. Therefore, two other investigations were conducted.

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(Committee Chair Biello)

### 5.2.4 Maui Bus Fare Structure Adjustment Targets

The three investigations into the Maui Bus fare structure have led to the proposals identified in Table 5-17. Three target adjustments are identified. The first adjustment can be achieved in the short term, perhaps in the next year, where the pass prices are brought more in line with the cash fare of \$2.00 per trip for fixed route passengers as shown in Table 5-17A.

Table 5-17A: Maui Bus Fixed Route Proposed Fare Structure With Target Adjustments

| Fixed Route Fare Type  | Fare Structure Phases |                               |                             |                                |
|--|-----------------------|-------------------------------|-----------------------------|--------------------------------|
|  | Current               | Short Term Target Adjustments | Mid-Term Target Adjustments | Longer Term Target Adjustments |
| Cash Fares:  |                       |                               |                             |                                |
| Fixed route only   | \$2.00                | \$2.00                        | \$2.50                      | \$3.00                         |
| Senior/Disabled/Medicare   | --                    | \$1.00                        | \$1.25                      | \$1.50                         |
| Daily Pass   |                       |                               |                             |                                |
| Fixed route only   | \$4.00                | \$5.00                        | \$8.00                      | \$10.00                        |
| Monthly Passes:  |                       |                               |                             |                                |
| Fixed route, commuter & ADA paratransit  | \$45.00               | --                            | --                          | --                             |
| Fixed route only   | --                    | \$50.00                       | \$60.00                     | \$70.00                        |
| Student (valid school ID)  | \$30.00               | \$30.00                       | \$40.00                     | \$50.00                        |
| Senior (55 years & older) fixed route only   | \$25.00               | --                            | --                          | --                             |
| Senior (65 years & older) fixed route only   | --                    | \$30.00                       | \$40.00                     | \$50.00                        |
| Person with Disability (fixed route only)  | \$30.00               | \$30.00                       | \$40.00                     | \$50.00                        |
| Annual Pass:   |                       |                               |                             |                                |
| Fixed route only   | --                    | --                            | --                          | \$770.00                       |
| Infants under two (2) years old, riding on the lap of an accompanying adult travel free. |                       |                               |                             |                                |

The "Short Term Target Adjustments" column in the table is because the \$2.00 cash fare should be matched in a fare structure for Maui Bus with a \$5.00 daily pass for fixed route only. The monthly pass would be \$50.00 for fixed route only and \$65.00 for fixed route and commuter as shown in Table 5-17B. This approach to providing monthly passes will allow Maui Bus to know how much revenue is attributable to each type of service. Table 5-17C provides the recommended ADA paratransit cash fare.

The longer-term adjustments are packaged for when it is determined that the overall fare structure should be increased. This is a policy determination but would be consistent with the Honolulu fare structure of \$2.50 to coincide with the introduction of the service and capital improvements identified in the MS RTP. The longer term adjustments could be triggered by a policy for a base fare annual percent increase, but only when a \$0.50 increment is possible.

Table 5-17B: Maui Bus Commuter Bus Fare Structure Target Adjustments

| Commuter Bus Fare Type                  | Fare Structure Phases |                               |                             |                                |
|---|-----------------------|-------------------------------|-----------------------------|--------------------------------|
|   | Current               | Short Term Target Adjustments | Mid-Term Target Adjustments | Longer Term Target Adjustments |
| Cash Fare:                              |                       |                               |                             |                                |
| Commuter                                | \$2.00                | \$2.00                        | \$3.00                      | \$3.00                         |
| Monthly Pass:                           |                       |                               |                             |                                |
| Fixed route, commuter & ADA paratransit | \$45.00               | --                            | --                          | --                             |
| Commuter and fixed route                | --                    | \$65.00                       | \$70.00                     | \$80.00                        |
| Annual Pass:                            |                       |                               |                             |                                |
| Commuter and fixed route                | --                    | --                            | --                          | \$880.00                       |

Table 5-17C: Maui Bus Paratransit Fare Structure Target Adjustments

| ADA Paratransit Fare Type                  | Fare Structure Phases |                               |                             |                                |
|--|-----------------------|-------------------------------|-----------------------------|--------------------------------|
|  | Current               | Short Term Target Adjustments | Mid-Term Target Adjustments | Longer Term Target Adjustments |
| Cash Fare:                                 |                       |                               |                             |                                |
| ADA eligible (paratransit only)            | \$2.00                | \$2.00                        | \$2.50                      | \$3.00                         |
| Daily Pass                                 | \$4.00                | --                            | --                          | --                             |
| Monthly Pass:                              |                       |                               |                             |                                |
| Fixed route, commuter & ADA paratransit    | \$45.00               | --                            | --                          | --                             |
| Senior (55 years & older) paratransit only | \$30.00               | --                            | --                          | --                             |
| Student (valid school ID)                  | \$30.00               | --                            | --                          | --                             |

The last column identifies adjustments with smart cards. This fare structure is designed to coincide with achievement of the fare collection system recommendations identified in the capital improvement program. The recommendations for a smart card based fare collection system will enable Maui Bus to have more value-oriented and cost-equity components to the overall fare structure. Those passengers who enjoy long distance services should be willing to recognize the value of those services and are reflected in the introduction of a zone based system. This zone based system would allow for charging passengers for the added cost of serving them with services that accommodate longer trips.<sup>5</sup>

Table 5-18: Capital Improvement Program

| ITEM                     | COST BY BUDGET YEAR |                     |                     |                     |                     |                     | SUBTOTALS           |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                          | 2017                | 2018                | 2019                | 2020                | 2021                | 2022                |                     |
| <b>FACILITIES</b>        |                     |                     |                     |                     |                     |                     |                     |
| Bus Stops                |                     |                     |                     |                     |                     |                     |                     |
| current program          | \$1,000,000         | \$1,000,000         | \$1,000,000         | \$1,000,000         | \$1,000,000         | \$1,000,000         | \$6,000,000         |
| planning & design        |                     | \$200,000           | \$100,000           | \$40,000            | \$20,000            | \$20,000            | \$380,000           |
| procurement              |                     |                     | \$100,000           | \$100,000           | \$100,000           | \$100,000           | \$400,000           |
| land acquisition         |                     |                     | \$50,000            | \$50,000            | \$50,000            |                     | \$150,000           |
| construction             |                     |                     |                     | \$1,000,000         | \$2,000,000         | \$1,000,000         | \$4,000,000         |
| Transit Centers          |                     |                     |                     |                     |                     |                     |                     |
| planning                 | \$100,000           | \$500,000           | \$200,000           |                     |                     |                     | \$800,000           |
| design                   |                     |                     | \$200,000           | \$300,000           | \$400,000           |                     | \$900,000           |
| land acquisition         |                     |                     | \$2,000,000         |                     | \$2,000,000         |                     | \$4,000,000         |
| construction             |                     |                     | \$500,000           | \$1,000,000         | \$3,000,000         | \$5,000,000         | \$9,500,000         |
| Maintenance Facility     |                     |                     |                     |                     |                     |                     |                     |
| planning                 | \$100,000           | \$500,000           | \$200,000           |                     |                     |                     | \$800,000           |
| design                   |                     |                     | \$200,000           | \$300,000           | \$500,000           |                     | \$1,000,000         |
| land acquisition         |                     | \$5,000,000         | \$5,000,000         |                     |                     |                     | \$10,000,000        |
| construction             |                     |                     | \$2,000,000         | \$6,000,000         | \$2,000,000         |                     | \$10,000,000        |
| equipment                |                     |                     |                     |                     | \$1,000,000         |                     | \$1,000,000         |
| installation & related   |                     |                     |                     |                     |                     | \$300,000           | \$300,000           |
| Signs & Wayfinding       |                     |                     |                     |                     |                     |                     |                     |
| planning & design        | \$50,000            | \$20,000            |                     |                     | \$60,000            |                     | \$130,000           |
| procurement              |                     | \$100,000           | \$100,000           |                     | \$200,000           | \$200,000           | \$600,000           |
| installation             |                     |                     | \$100,000           |                     |                     | \$200,000           | \$300,000           |
| <b>PASSENGER SYSTEMS</b> |                     |                     |                     |                     |                     |                     |                     |
| Fare Collection System   |                     |                     |                     |                     |                     |                     |                     |
| planning                 | \$50,000            | \$50,000            | \$20,000            |                     |                     |                     | \$120,000           |
| specifications           |                     |                     | \$60,000            |                     |                     |                     | \$60,000            |
| procurement              |                     |                     | \$2,000,000         | \$2,000,000         |                     |                     | \$4,000,000         |
| installation             |                     |                     | \$100,000           | \$300,000           |                     |                     | \$400,000           |
| Electronic Information   |                     |                     |                     |                     |                     |                     |                     |
| planning                 | \$50,000            | \$50,000            |                     |                     |                     |                     | \$100,000           |
| specifications           |                     | \$50,000            |                     |                     |                     |                     | \$50,000            |
| procurement              |                     |                     | \$200,000           |                     |                     | \$250,000           | \$450,000           |
| installation             |                     |                     | \$100,000           | \$50,000            |                     | \$50,000            | \$200,000           |
| <b>FLEET</b>             |                     |                     |                     |                     |                     |                     |                     |
| Fixed Route              |                     |                     |                     |                     |                     |                     |                     |
| specifications           |                     | \$20,000            |                     | \$25,000            |                     | \$30,000            | \$75,000            |
| procurement              |                     | \$4,200,000         |                     | \$4,000,000         |                     | \$3,000,000         | \$11,200,000        |
| ancillary equipment      |                     | \$200,000           |                     | \$400,000           |                     | \$300,000           | \$900,000           |
| Paratransit              |                     |                     |                     |                     |                     |                     |                     |
| specifications           |                     | \$10,000            | \$20,000            |                     | \$20,000            | \$30,000            | \$80,000            |
| procurement              |                     | \$200,000           | \$960,000           |                     | \$250,000           | \$1,680,000         | \$3,090,000         |
| ancillary equipment      |                     |                     | \$100,000           |                     |                     | \$200,000           | \$300,000           |
| <b>Totals</b>            | <b>\$1,350,000</b>  | <b>\$12,100,000</b> | <b>\$15,310,000</b> | <b>\$16,565,000</b> | <b>\$12,600,000</b> | <b>\$13,360,000</b> | <b>\$71,285,000</b> |