

5.7 TRANSPORTATION MAPS

There are two General Plan Transportation Maps. One shows existing and planned improvements for roadway capacity, the roadway network, and shared use paths. The second depicts proposed improvements to the transit system. Community-scale improvements such as sidewalks and bike lanes are intended to be refined in Community and Functional Plans. Keys to these maps are provided in Table 5-1 and Table 5-2, respectively. The Transportation Maps should be periodically reviewed and updated as additional data becomes available. The Transportation Maps are a general reference, and may not be used to determine whether adequate facilities or services exist to support or deny a proposed land use.

The following source documents were consulted to identify anticipated transportation improvements to 2035:

- *Kaua'i Transit Feasibility Study (2016)*: KTFS
- *Kapa'a Transportation Solutions (2015)*: KTS
- *Bike Plan Hawai'i (2003)*: BPH
- *South Kaua'i Community Plan (2015)*: SKCP
- *Līhu'e Community Plan (2015)*: LCP
- *Kīlauea Town Plan (2005)*: KTP
- *West Side Path Alternatives (2012)*: WSPA
- *North Shore Path Alternatives (2012)*: NSPA
- *Kaua'i State Transportation Improvements Program (FY 2015-2018)*: KSTIP

The map includes the following information, with associated sources indicated:

- Existing Roads
- Future Roads: KTS, SKCP, LCP, KTP, STIP
- Shared Use Paths (Existing and Future): County of Kaua'i (existing), SKCP, LCP, WSPA,
- NSPA, STIP
- Planning District Boundary: Hawai'i DBEDT (1983)
- Major Roads: Hawai'i Department of Transportation (2009)

Figure 5-37 is taken from the *Kaua'i Transit Feasibility Study (2017)*.

Purpose of the Transportation Maps

The purposes of the Transportation Maps are as follows:

- To depict the locations of major anticipated improvements to Kaua'i's transportation network during the planning horizon of the General Plan. Anticipated improvements have been mapped based on available planning documents. Locations of anticipated improvements are intended to be representational, not precise.
- To be used as a planning tool in identifying areas that may need additional facilities or services. They can also help ensure that future development is supported by adequate multimodal facilities.
- To be referenced in preparing Community Plans and Functional Plans.

Table 5-1 Kaua'i Island Transportation Roadway Map Key

IMPROVEMENTS TO EXISTING ROADS

1. Kīlauea Road Multimodal Access Improvements to Kīlauea Lighthouse National Wildlife Refuge
2. Multimodal capacity improvements to Kawaihau Road
3. Widen the northern segment of Kapa'a Bypass Road to two-lane and two-way from the northern end of the Bypass to the roundabout at Olohena Road
4. Operational improvements such as signalization and left turn restrictions on Kūhiō Highway from Kapa'a Town to Kuamo'o Road
5. Add one lane on Kūhiō Highway from southern end of Kapa'a Bypass Road to Kuamo'o Road
6. Extension of right turn lane on Haleilio Road at Kūhiō Highway
7. Add one lane on Kūhiō Highway from Kuamo'o Road to Kapule Highway
8. Implementation of Līhu'e TIGER Grant Project Improvements
9. Congestion Management project on Kaumuali'i Highway from Anonui Street to Maluhia Road
10. Multimodal capacity improvements to Po'ipū Road

NEW ROADS

11. (a) New Kīlauea Entry Road; and (b) Kīlauea Entry Road Expansion
12. Connections between Kapa'a Bypass Road and Neighborhoods
13. Connection between Kūhiō Highway and Kapa'a Bypass Road
14. Connection between Kuamo'o Road and Ma'alo Road
15. Līhu'e Mauka Route
16. Northerly Leg of the Western Access Road

SHARED USE PATHS

17. North Shore Path (alignment location and phases to be determined)
18. Completion of Ke Ala Hele Makalae from Ahihi Point to Anahola
19. Completion of Ke Ala Hele Makalae to Līhu'e
20. South Shore Path (see South Kaua'i Community Plan)
21. West Side Path (Phase 1 Hanapēpē Town to Salt Pond and Waimea to Kekaha. Future phases and alignments to be determined)

Projects in this table are not listed in order of priority. Numbers refer to Figure 5-36, which maps these projects geographically. Other types of projects not listed include safety (such as Safe Routes to School and intersection improvements) and system preservation (such as resurfacing and bridge replacement/repair). Other bikeway projects are noted in community plans and the Kapa'a Transportation Solutions Plan.

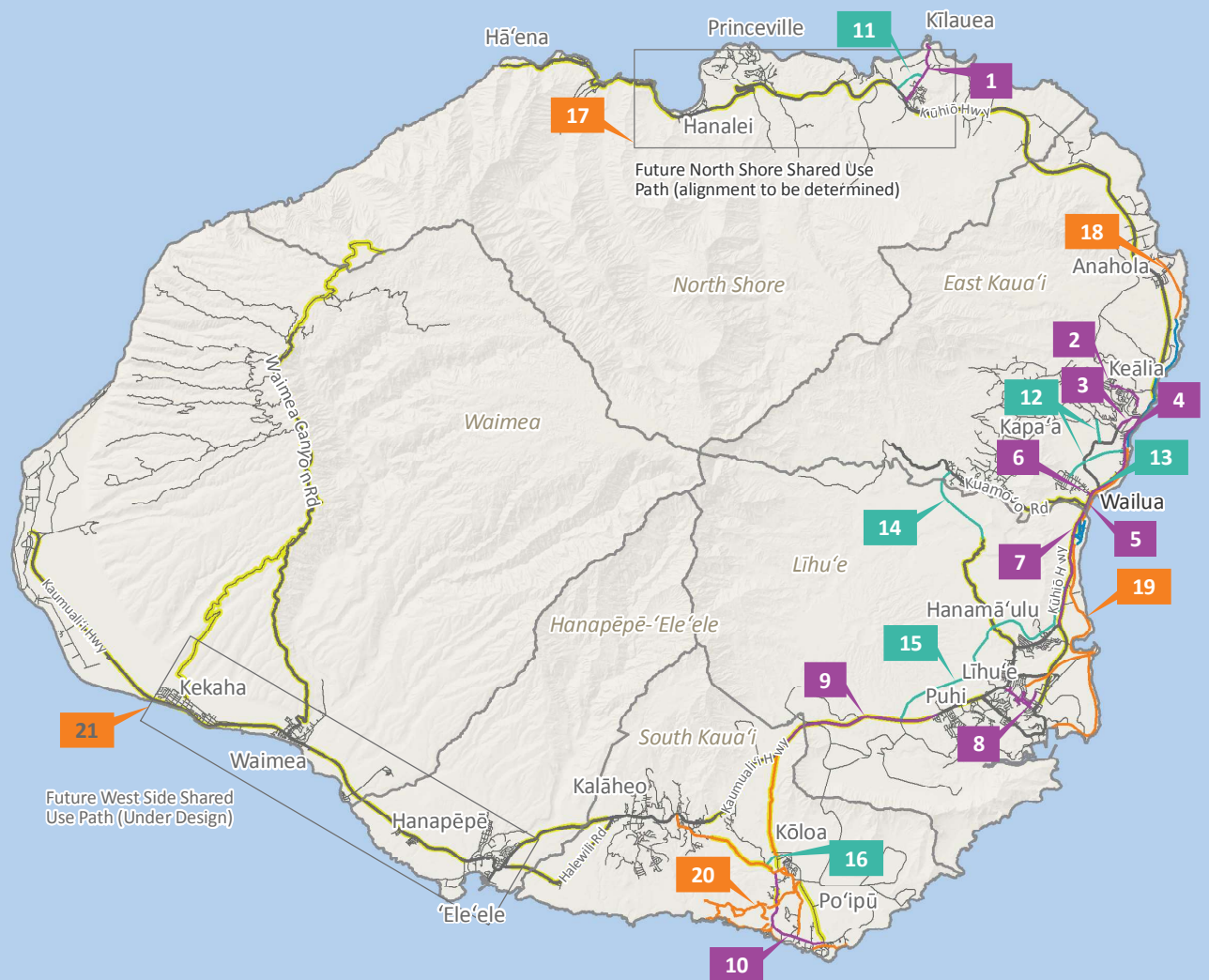
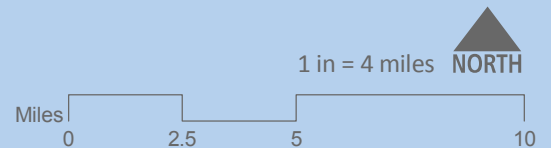


Figure 5-36 Kauai Island-Wide Transportation Map
Showing Roadway Capacity, Networks, Shared Use Paths, and Scenic Corridors



- Planning District Boundary
- Major Roads
- Roads
- Existing Shared Use Path
- Future Shared Use Path
- Improvements to Existing Roads
- Future Roads

Scenic Corridors

Table 5-2 Priority Transit Capacity Projects

REGIONAL TRANSIT SHUTTLES

1. Implement Regional Transit Shuttles

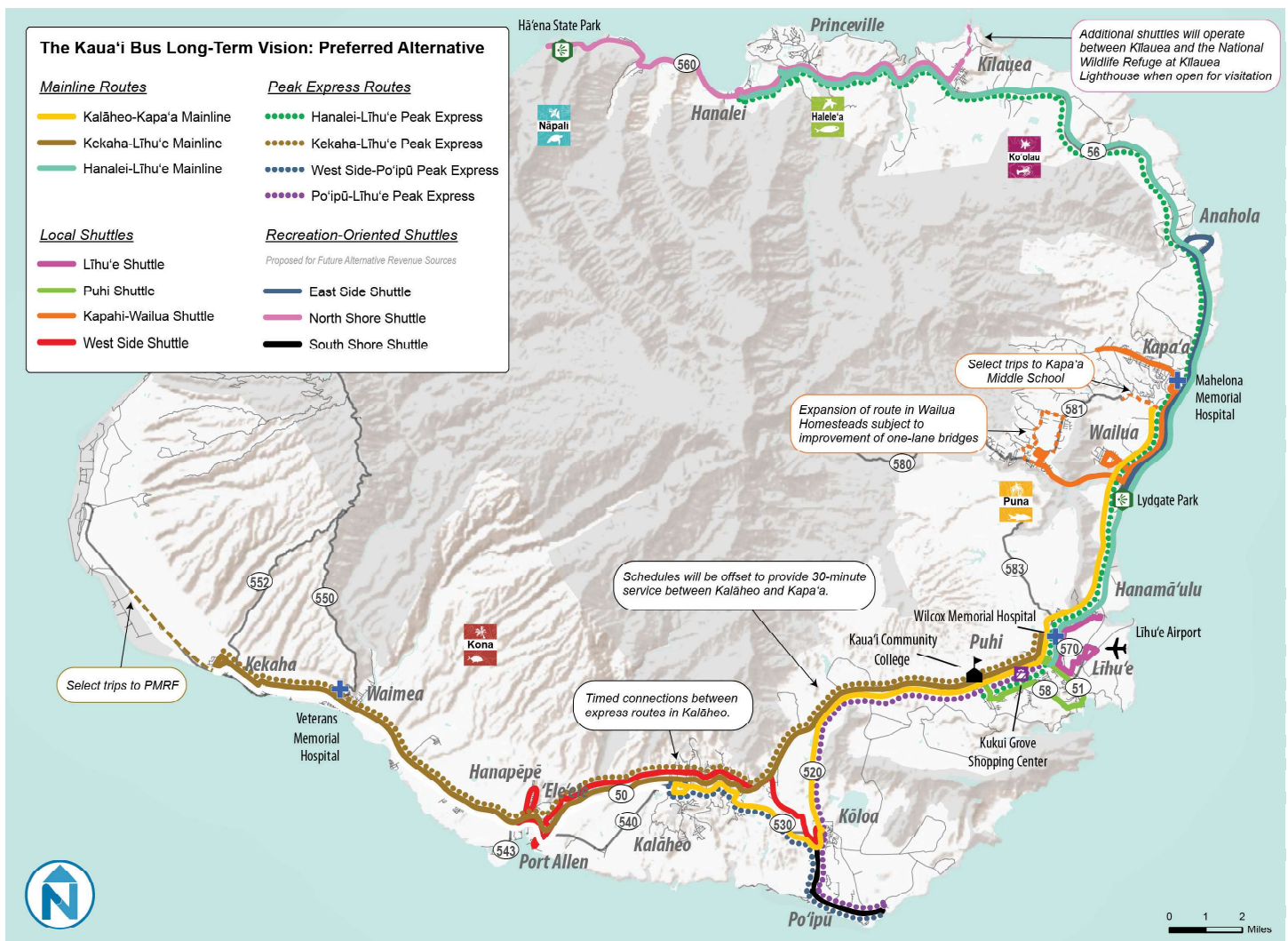
- North Shore Shuttle (Kīlauea Lighthouse to Kē'ē Beach)
- East Side Shuttle (Lydgate Park to Keālia Beach)
- Reconfigure Wailua and Kapahi Shuttles
- Reconfigure Līhu'e Shuttles
- Po'ipū-Kōloa Shuttle
- Hanapēpē to Kōloa Shuttle

TRANSIT MAINLINES

1. Reconfigure and expand service frequency for transit mainlines

Projects are not listed in order of priority.

Figure 5-37 Kaua'i Island Transit Map



Source: Kaua'i Transit Feasibility Study, Nelson\Nygaard Consulting Associates, Inc., 2017



'Anini Coastal Area and Reef, North Shore District

The maps are intended to be utilized and cross-referenced against one another when considering future land use proposals or policies.