Legend:
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs

Note: Shoulder rumble strips to be installed ONLY when 5'-ft shoulder space is available.
EXAMINE LUALUALEI NAVAL ROAD INTERSECTION FOR POTENTIAL SAFETY IMPROVEMENTS

RELOCATE BUS STOP #648 TO NANAIKEOLA STREET

REMOVED BUS STOP #647

REPLACE SHOULDER BEHIND AC CURB

REMOVE UNSIGNALIZED CROSSWALK

REMOVE CROSSWALK & Curb ramps (as applicable)

Legends:
- Crosswalk
- Bus stop
- Remove crosswalk & curb ramps (as applicable)
- Signalized intersection
- Farrington Hwy
- Relocating
- Install Double-sided Crosswalk Signs

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Typical road cross-section

Legend:
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Relocating
- Install Double-sided Crosswalk Signs

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Rev. 12/1/2017
Auyong Homestead Road

Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Resurfacing
- Install Double-sided Crosswalk Signs

Typical Road Cross-Section
- Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Rev. 12/1/2017

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.
Consider Princess Kahanu Avenue makai-bound double left-turn lanes.

Consolidate bus stops #515/516 and #643/644 at Princess Kahanu Avenue.

Remove unsignalized crosswalk.

Examine bus pullout logistics for consolidated mauka bus stop.

Consider Princess Kahanu Avenue mauka-bound double left-turn lanes.

Check row for EB bus pullout at Hakimo Road.

Remove bus stop #517.

Remove bus stop #518.

Relocate bus stop #642 towards Hakimo Road.

Widen pavement to provide adequate room for bus stop.

Remove unsignalized crosswalk.

Install double-sided crosswalk signs.

Remove bus stop #517.

250 feet

325 feet

500 feet

Note: Shoulder rumble strips to be installed only when 5 ft of shoulder space is available.

Legend:
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Resurfacing
- Install double-sided crosswalk signs

Typical road cross-section:
- Double stop
- Shoulder rumble strips
- Enhanced edge striping
- DBL yellow center line
- Rumble strip
- Enhanced edge striping
- Side walk
- Shoulder width varies

Teal text indicates a major point of interest or action.

Red text indicates a specific action or identification of an element.

Pink text indicates a smaller detail or clarification.

Yellow text indicates a warning or additional information.

Blue text indicates a category or grouping of related elements.

Orange text indicates a special note or additional clarification.

Green text indicates a specific location or area of interest.

Dark blue text indicates a significant action or decision.

Red text indicates a required or necessary element.

Pink text indicates a secondary detail or clarification.

Yellow text indicates a minor note or additional information.

Blue text indicates a secondary category or grouping of related elements.

Orange text indicates a special note or additional clarification.

Green text indicates a specific location or area of interest.

Dark blue text indicates a significant action or decision.
Rumble Strips

**Typical Road Cross-Section**

- Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

**Legend**
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs

**Examine Lighting on Mauka Side**

**Examine Consolidating Bus Stops #524 and #525 at Manununu Street**
Linakola Street - Maipela Street - Liliana Street

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Resurfacing
- Install Double-sided Crosswalk Signs

Typical Road Cross-Section
- Shoulder
- Width varies
- Double-sided Crosswalk Signs
- 175 Feet
- 230 Feet

Bus stop
- Remove bus stop
- Remove unsignalized crosswalk
- Install Double-sided Crosswalk Signs

Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Resurfacing
- Install Double-sided Crosswalk Signs

Linakola Street - Maipela Street - Liliana Street

Rev. 12/1/2017
TYPICAL ROAD CROSS-SECTION

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

EXAMINE RELOCATION OF MILIKAMI STREET CROSSWALK TO THIS AREA. ENSURE LIGHTING IS ADEQUATE AT NEW LOCATION.

EXAMINE RELOCATION OF BUS STOPS #531 AND #630 TO RELOCATED CROSSWALK.

REMOVE BUS STOP #532

REMOVE UNSIGNALIZED CROSSWALK

PROPOSED UNSIGNALIZED CROSSWALK

REMOVE BUS STOP #629

REMOVE BUS STOP #628

EXAMINE RELOCATION OF BUS STOPS #531 AND #630 TO RELOCATED CROSSWALK.

REMOVE UNSIGNALIZED CROSSWALK

REMOVE UNSIGNALIZED CROSSWALK

REMOVE BUS STOP #629

REMOVE UNSIGNALIZED CROSSWALK

ENHANCED EDGE STRIPING

DBL YELLOW CENTER LINE

WITH RUMBLE STRIP

ENHANCED EDGE STRIPING

SIDE WALK

11 FEET 10 FEET 10 FEET

SHOULDER WIDTH VARIES

SHOULDER WIDTH VARIES

WAIANAE-BOUND HONOLULU-BOUND

Legend

Crosswalk
Remove crosswalk & curb ramps (as applicable)
Bus stop
Remove bus stop
Signalized intersection
Farrington Hwy
Resurfacing
Install Double-sided Crosswalk Signs

Rev. 12/1/2017

Lopikane Street - Milikami Street
Glenmonger Street

Typical Road Cross-Section

Legend:
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Glenmonger Street

Rev. 12/1/2017
Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs

TYPICAL ROAD CROSS-SECTION

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

Army Street - Kaupuni Street - Ala Hema Street
Note: Shoulder rumble strips to be installed ONLY when 5 ft of shoulder space is available.
Note: Unsignalized crosswalks at Maiuu Road (Honolulu side) and mid-block of Alawa Place and Kaulawaha Road (Makaha side) to be removed.
Typical Road Cross-Section

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.
Rumble strip
Typical road cross-section
Note: Shoulder rumble strips to be installed only when 5-ft of shoulder space is available.

Install roadside rectangular rapid flashing beacon (RRFB).

Improve lighting at crosswalk

Table:

Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs

Legend:

- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy Resurfacing
- Install Double-sided Crosswalk Signs
Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.

INSTALL ROAD SIDE RECTANGULAR RAPID FLASHING BEACON (RRFB).

Legend
- Crosswalk
- Remove crosswalk & curb ramps (as applicable)
- Bus stop
- Remove bus stop
- Signalized intersection
- Farrington Hwy
- Resurfacing
- Install Double-sided Crosswalk Signs

Note: Shoulder rumble strips to be installed ONLY when 5-ft of shoulder space is available.