



Preliminary Survey Results of Windward Resident Households

Prepared for the State Department of
Transportation, Highways Division and
SSFM International, Inc.

November 8, 2011



Background on SMS

- SMS Research & Marketing Services
 - Most experienced research company in the State, since 1960
 - Largest research company in the State
 - Provide research approaches to meet the needs of businesses and non-profit organizations throughout the Hawai'i and the Pacific
- Faith Sereno Rex
 - President of SMS Consulting
 - Been with SMS for over 15 years



Purpose of the Survey

To gather input from residents throughout the entire region and sub-regions on improvement options along the Kahekili Highway corridor.

- Options developed in community workshops.

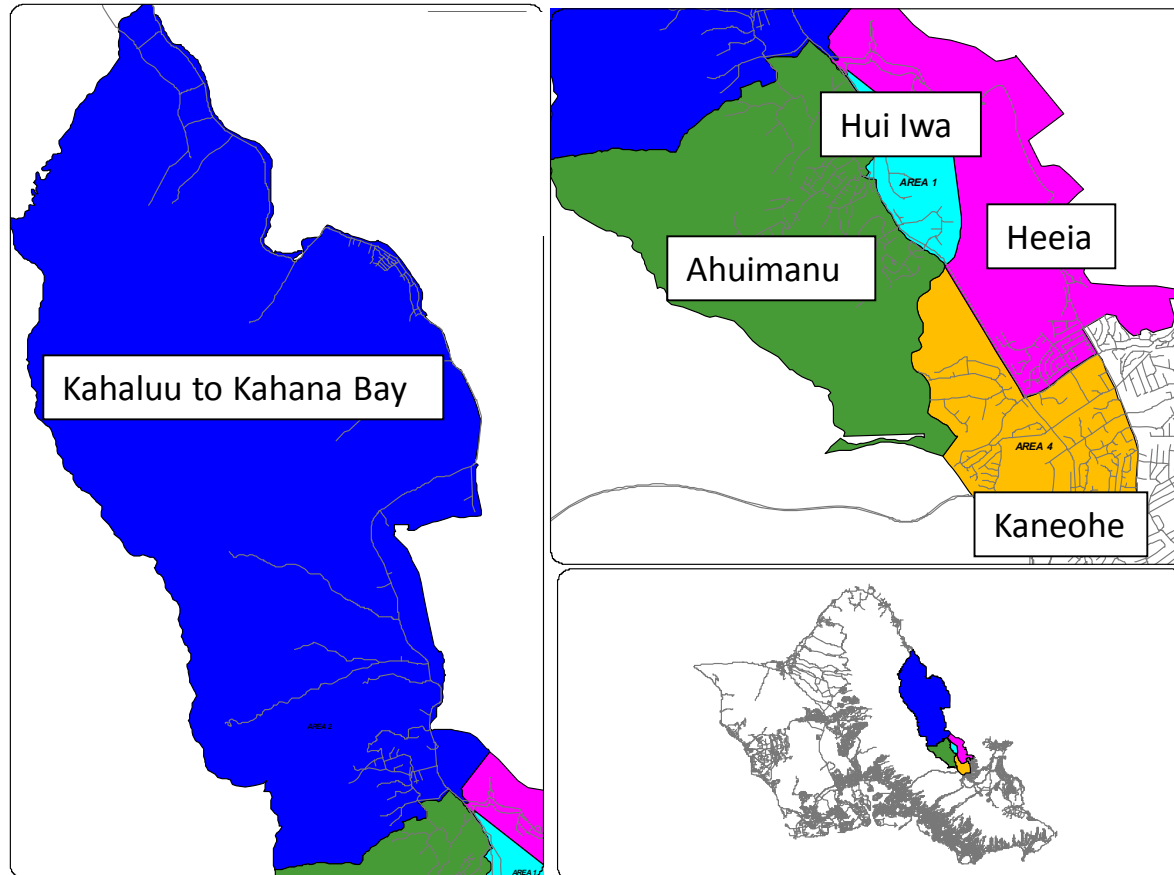


Study Area

- Study Area:
 - From Likelike Highway,
 - Along Kahekili Highway,
 - To the Hygienic Store in Kahaluu.
- Communities Surveyed include five Sub-Regions:
 - Kaneohe
 - Ahuimanu
 - Hui Iwa
 - Heeia
 - Kahaluu to Kahana Bay



Map of Area and Sub-Regions





Methodology

- Mail survey approach selected to ensure informed feedback from respondents. In addition...
 - Provided web-based survey as an option
 - Follow-up phone calls to attain minimum sample – only required in the Kahaluu- Kahana Bay sub-region
- Timing
 - Surveys mailed on September 19th;
 - Results include completed surveys received at SMS through October 24th.



Sample

Sub-Region	# of Households	Surveys Mailed	# of Surveys Returned	Percent Return
Kaneohe	8,944	750	323	32%
Ahuimanu	7,382	1,000	391	39%
Hui Iwa	2,281	1,000	237	32%
Heeia	6,528	1,000	276	28%
Kahaluu to Kahana Bay	6,018	1,000	205	21%
Total	31,153	4,750	1,432	30%

Response rate higher than the usual 20%

Sampling error is +/- 2.5% at a 95% confidence level

Results more accurate than the standard 5% variance



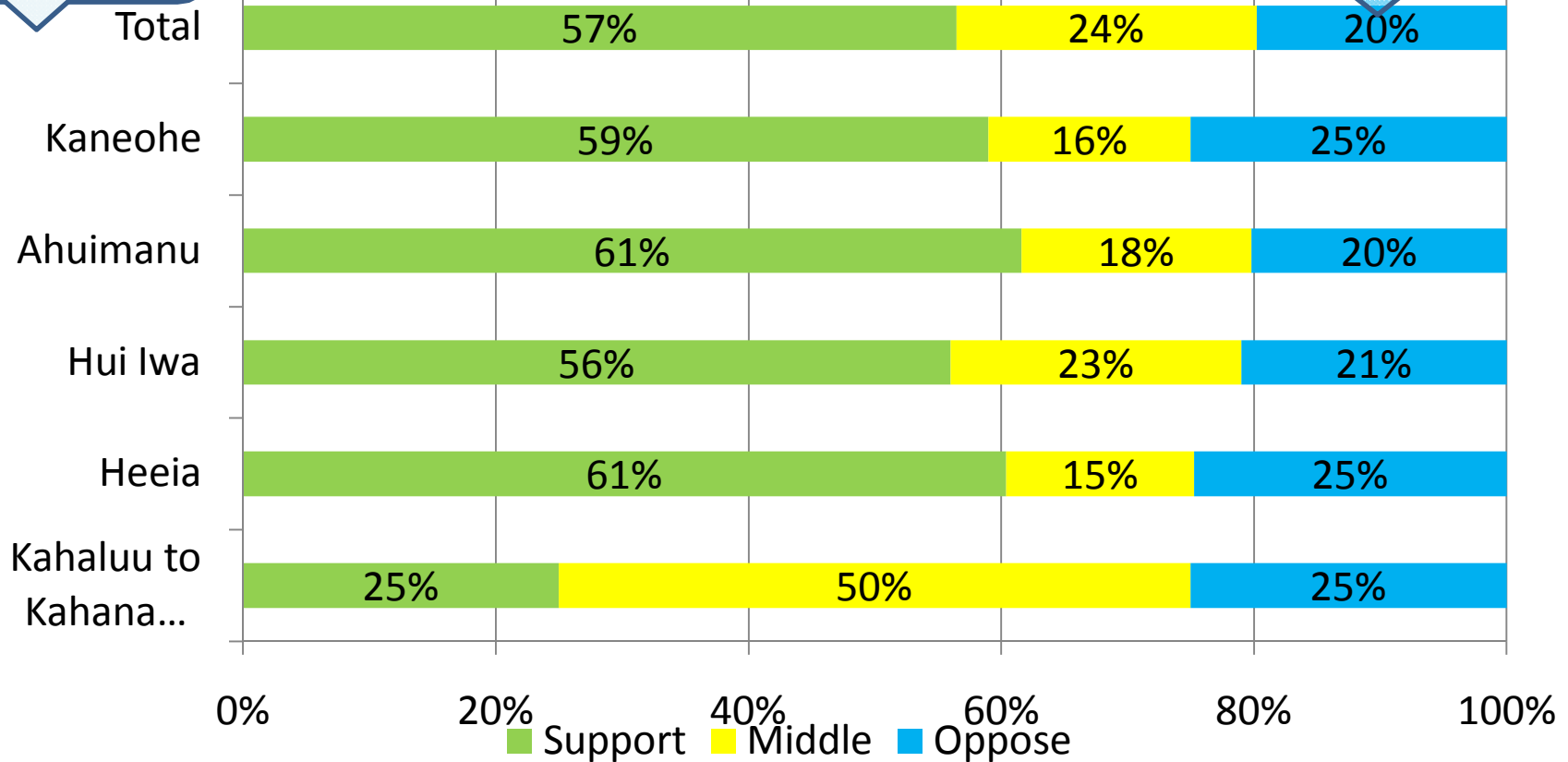
How to Read the Graphs

Total is all the sub-regions combined

Percent that Support
(10, 9, 8)

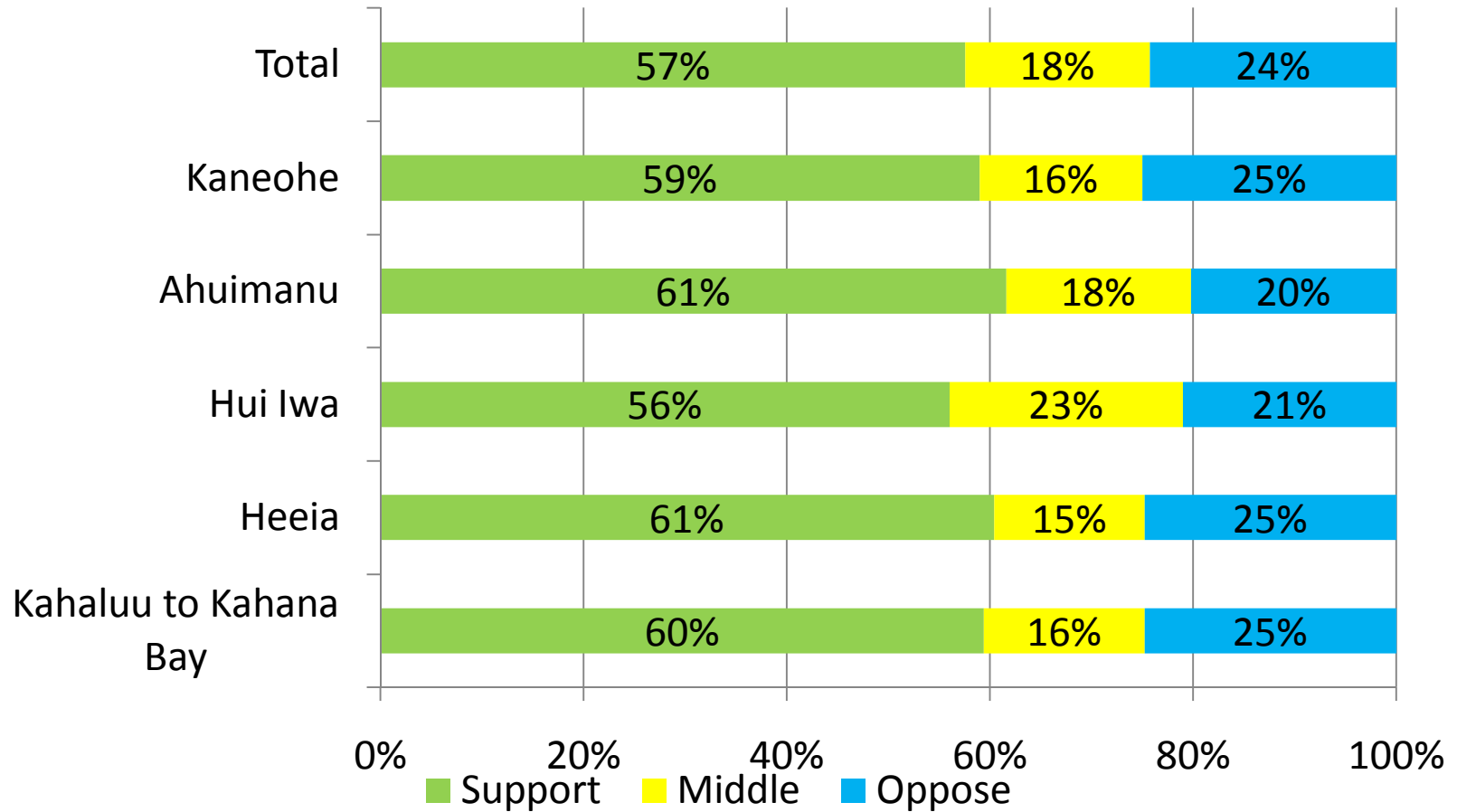
Percent in the Middle
(7, 6, 5, 4)

Percent that Oppose
(3, 2, 1)





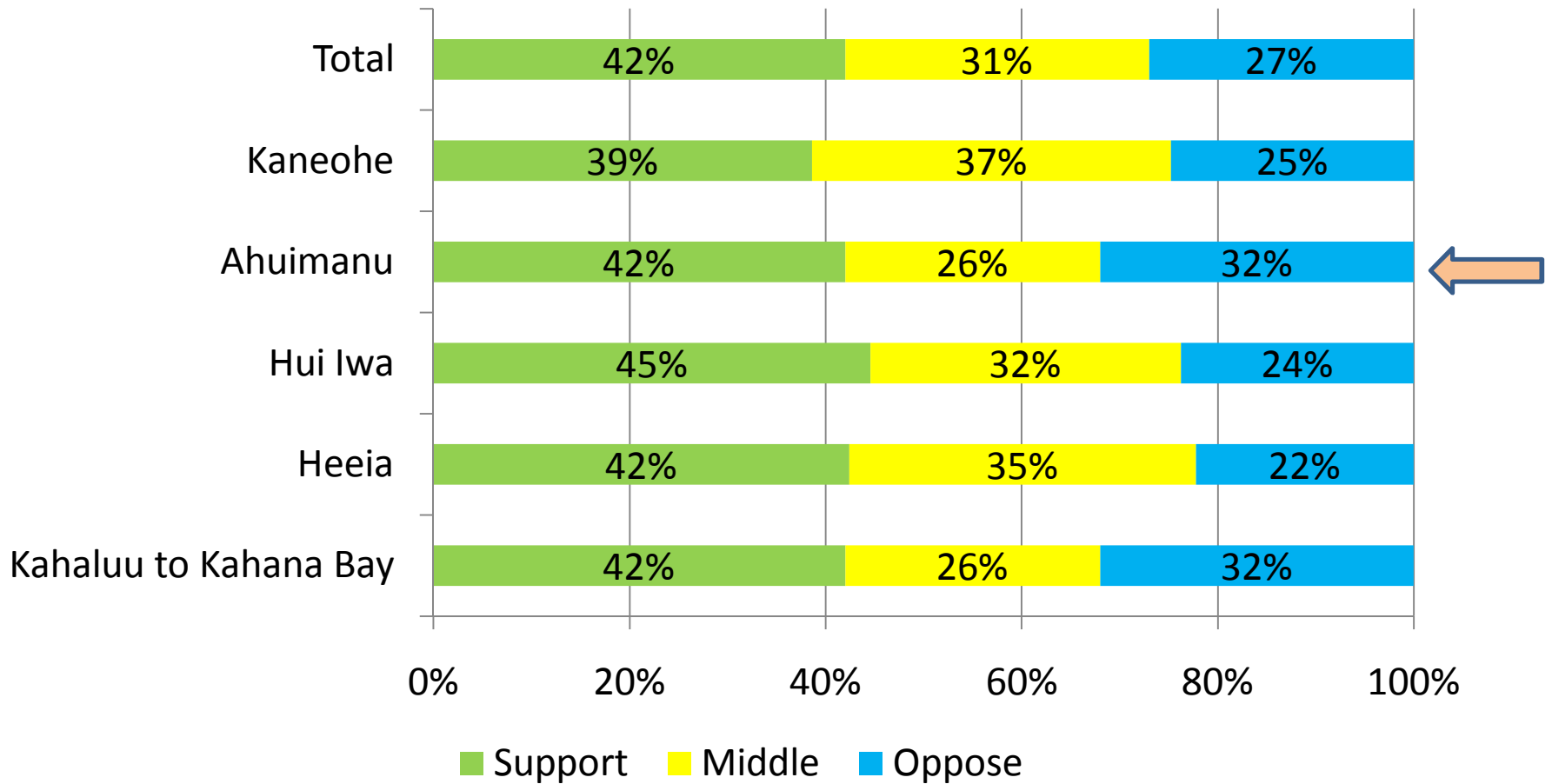
Kahekili & Likelike Interchange



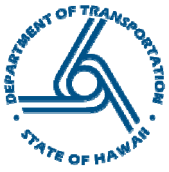
Q4. There is currently a signalized, at-grade intersection at that location. In its original plans and FEIS in 1990, the HDOT intended to install a full interchange with over and underpasses to allow a continual flow of traffic without traffic lights....



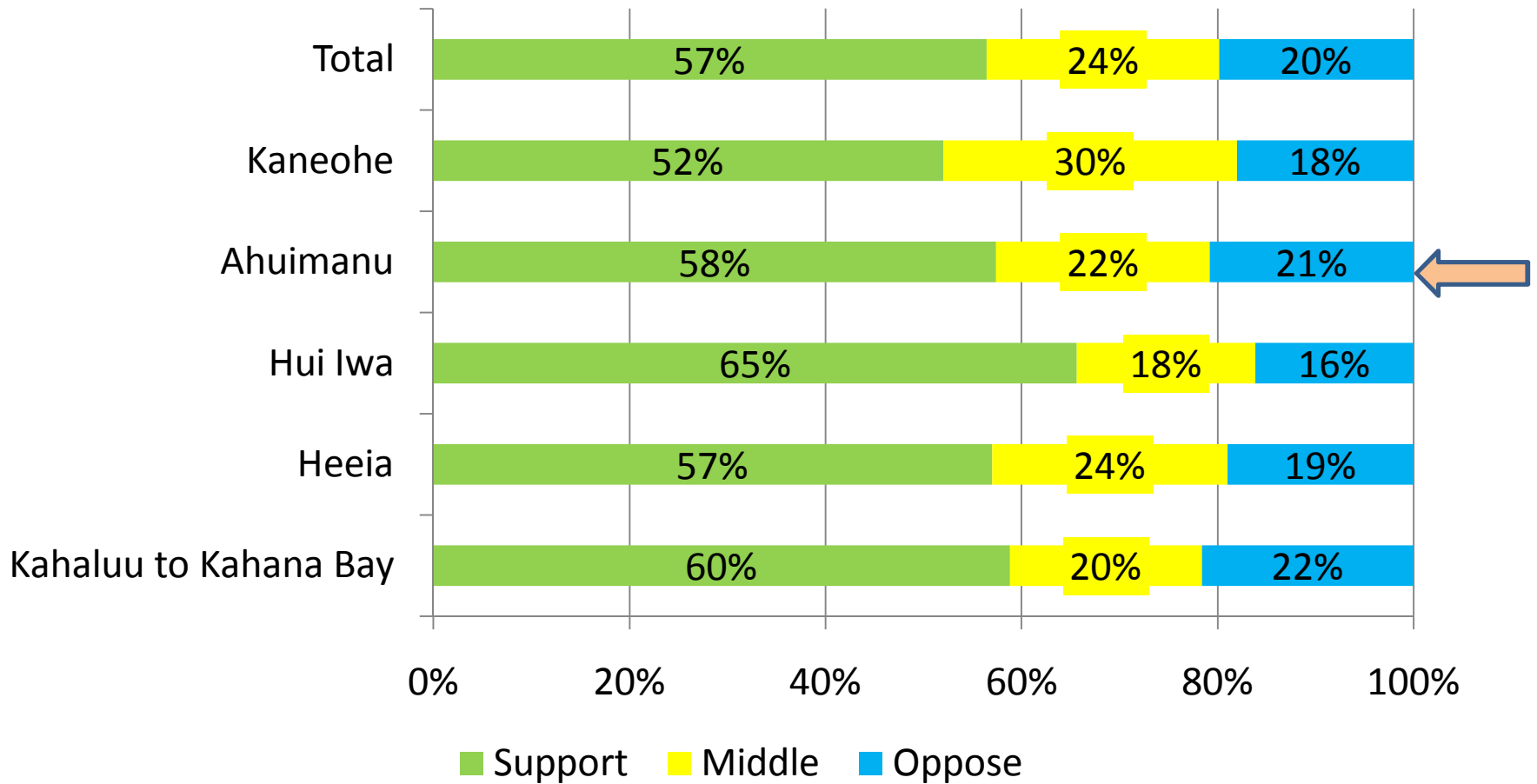
Bicycle Path – Hui Iwa West to Ahuimanu Place



Q5. Bicycle Path: This proposal involves a bicycle path that would run on the mauka side of Kahekili Highway between Hui Iwa West and Ahuimanu Place



Shared Bicycle /Pedestrian Path - Hui Iwa to Ahuimanu

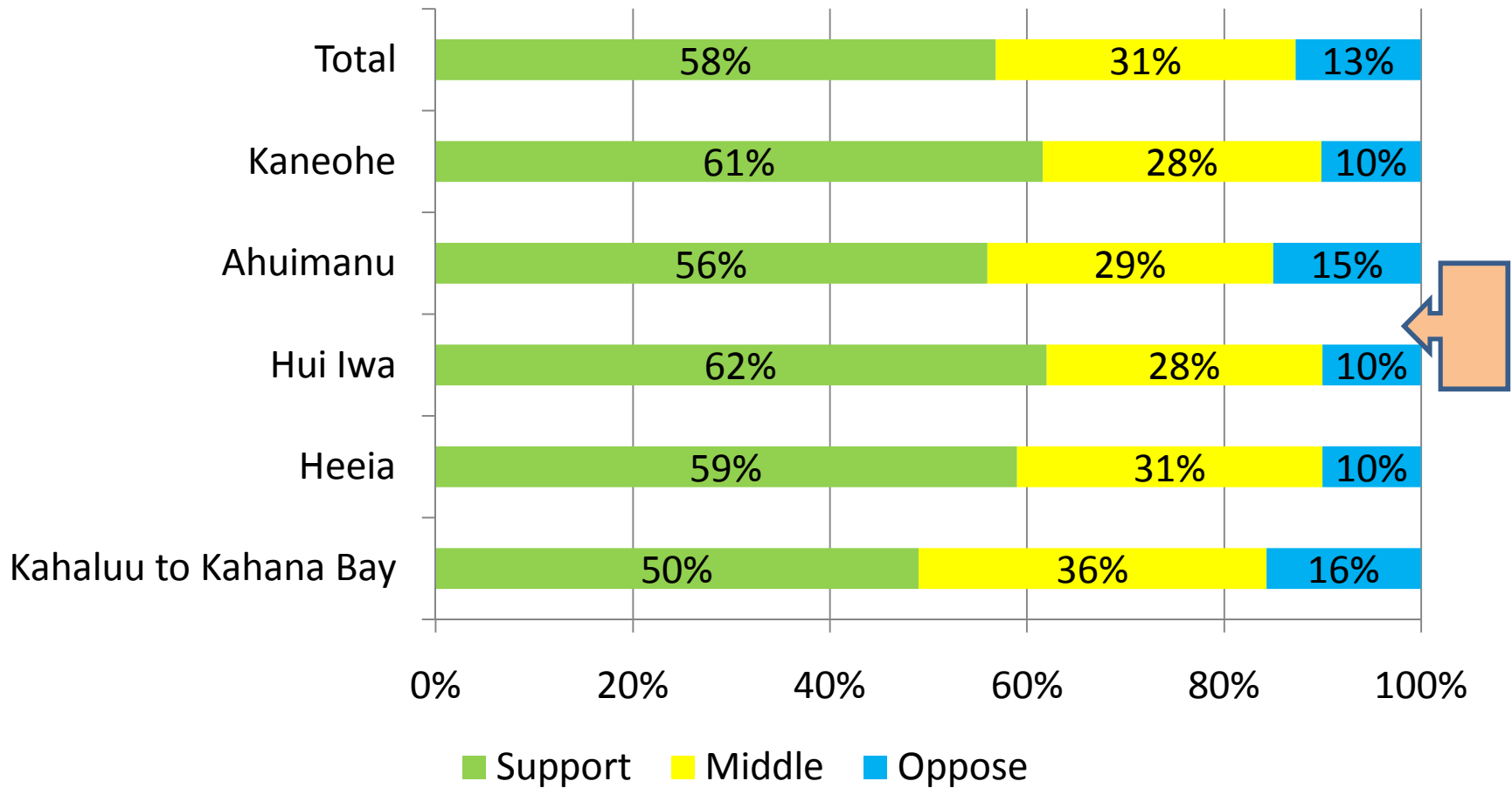


Q6. Shared Use Bicycle and Pedestrian Path: Instead of just a bicycle path this proposal would install a shared use bicycle and pedestrian path that would run on the mauka side of Kahekili Highway between Hui Iwa West and Ahuimanu Place.





Pedestrian Crossing Kahekili at Hui Iwa West

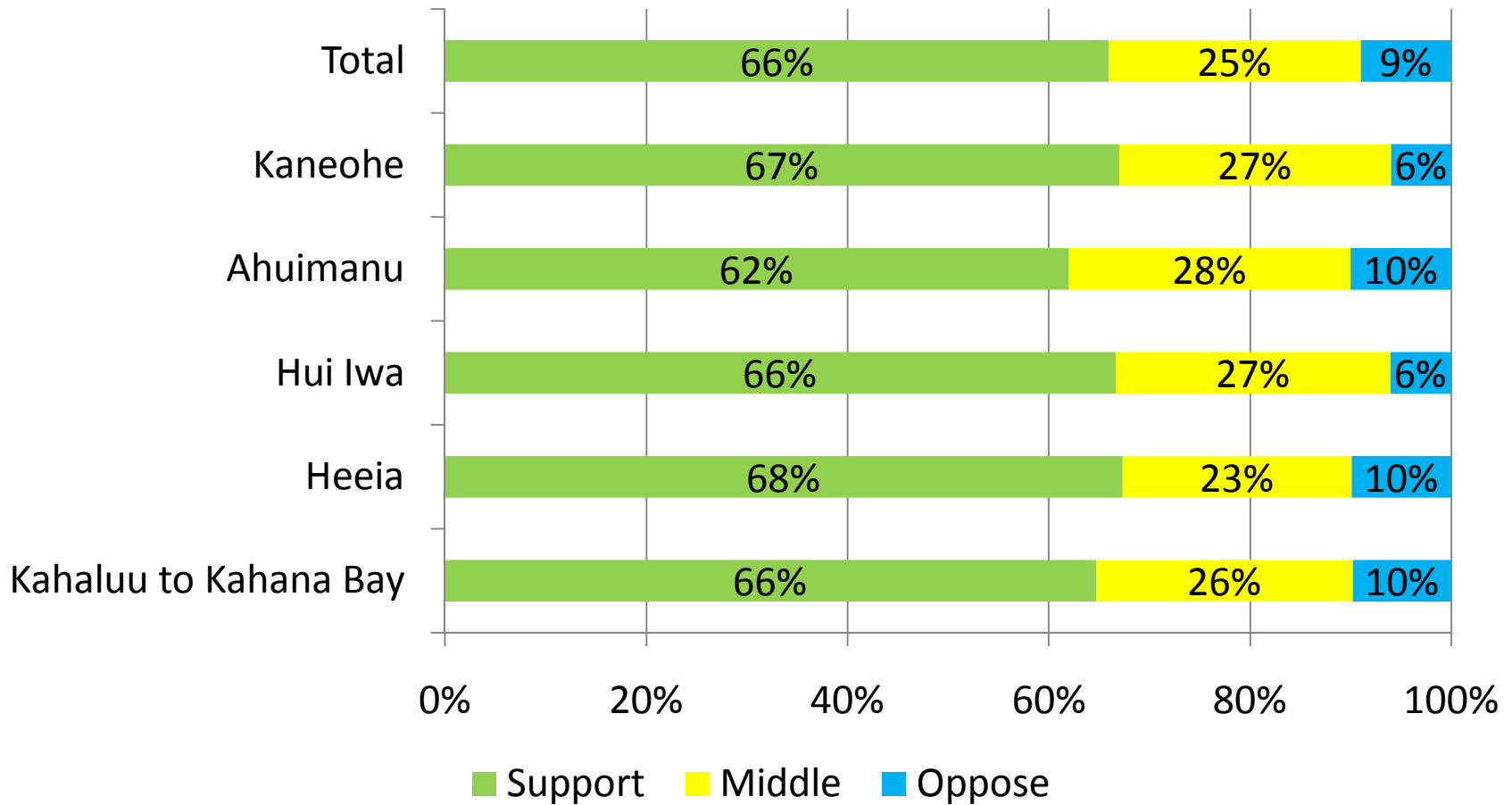


Q7. Pedestrian Crossing at Hui Iwa West: This improvement might take the form of improved striping, an overpass, or extended crossing lights. These are designed to improve crossings to and from Ahuimanu Elementary School.





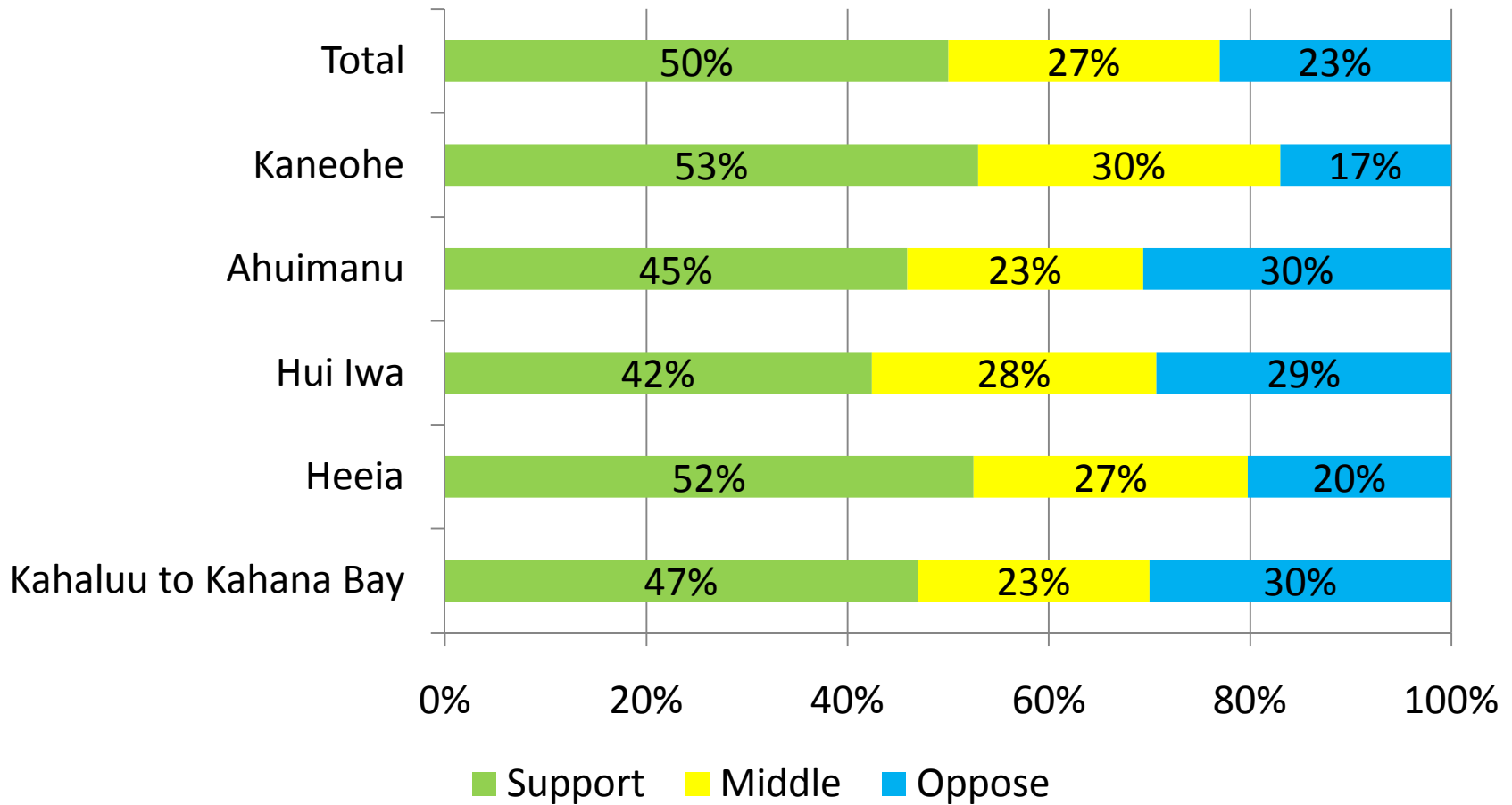
Bus Service Improvements along Kahekili



Q8. Additional Bus Service Improvements: This proposal would improve bus service along Kahekili Highway for example, an express bus to UH Mānoa



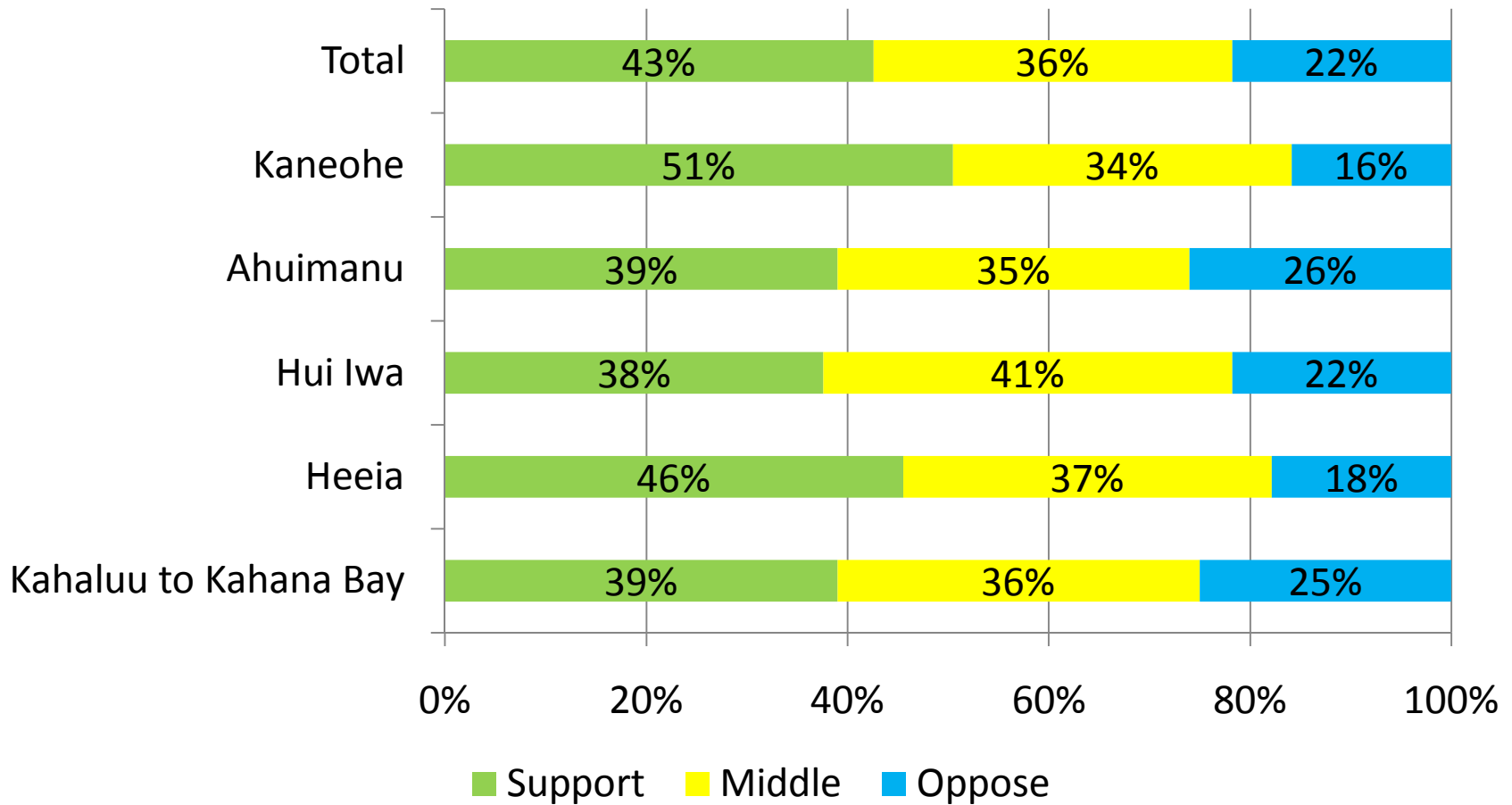
Park & Ride Facility Near Ahuimanu Road



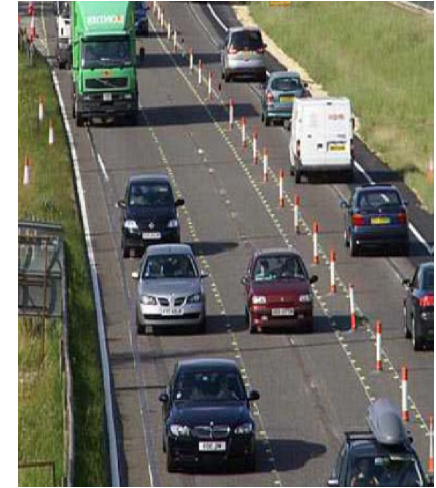
Q9. Park and Ride Facility: This improvement would add a Park and Ride Facility on the mauka side of Kahekili Highway near Ahuimanu Road designed to urge commuters to park at the facility and catch the bus to town



Stronger Programs Encouraging Ride Sharing along Kahekili



Q10. Ridesharing: This proposal would be to strengthen the program for Vanpools and Carpools, encouraging ridesharing along the Kahekili Highway corridor.

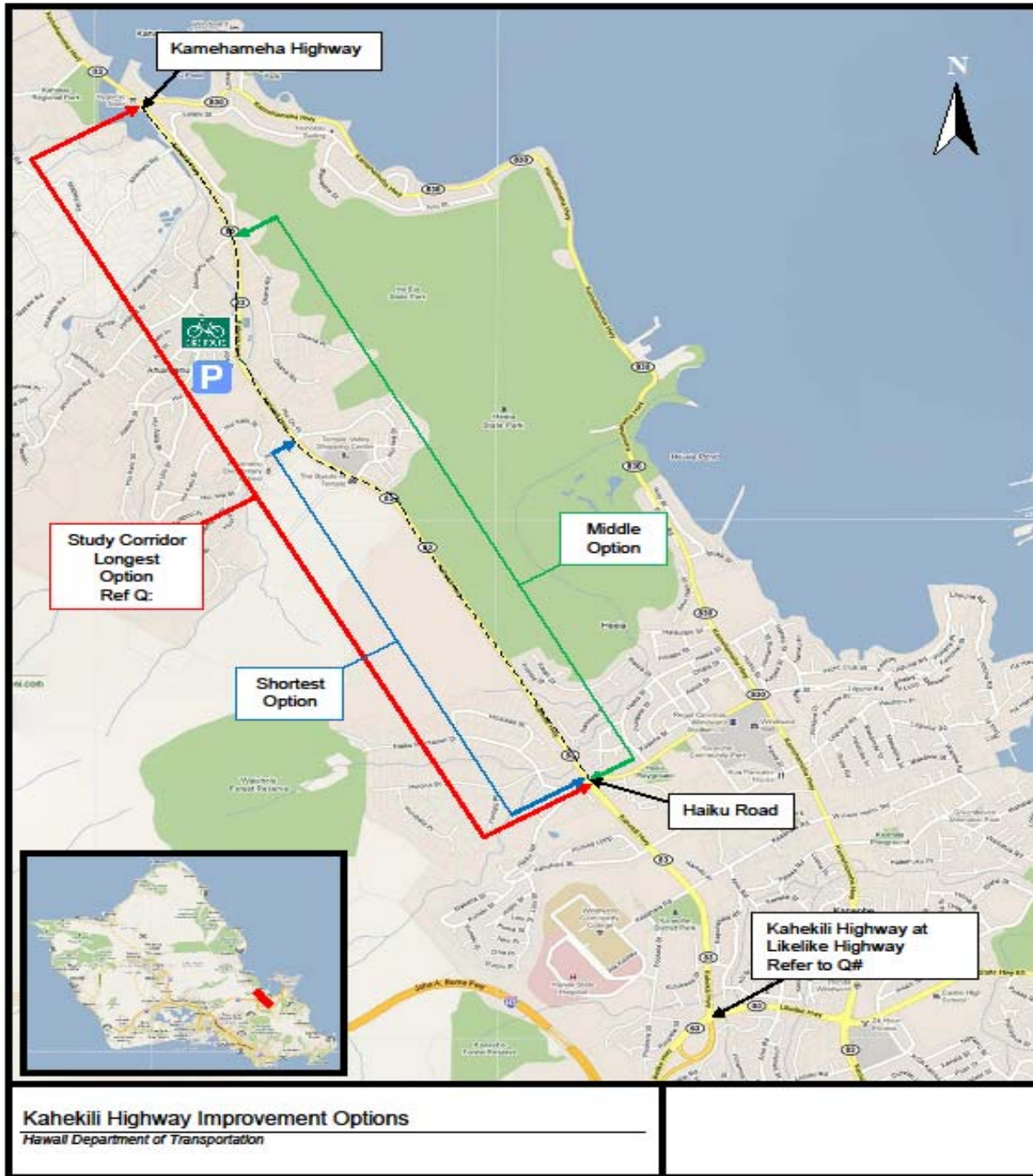


Contraflow Options

Shortest – Haiku Road to Hui Iwa West

Middle – Haiku Road to Ahuimanu Road

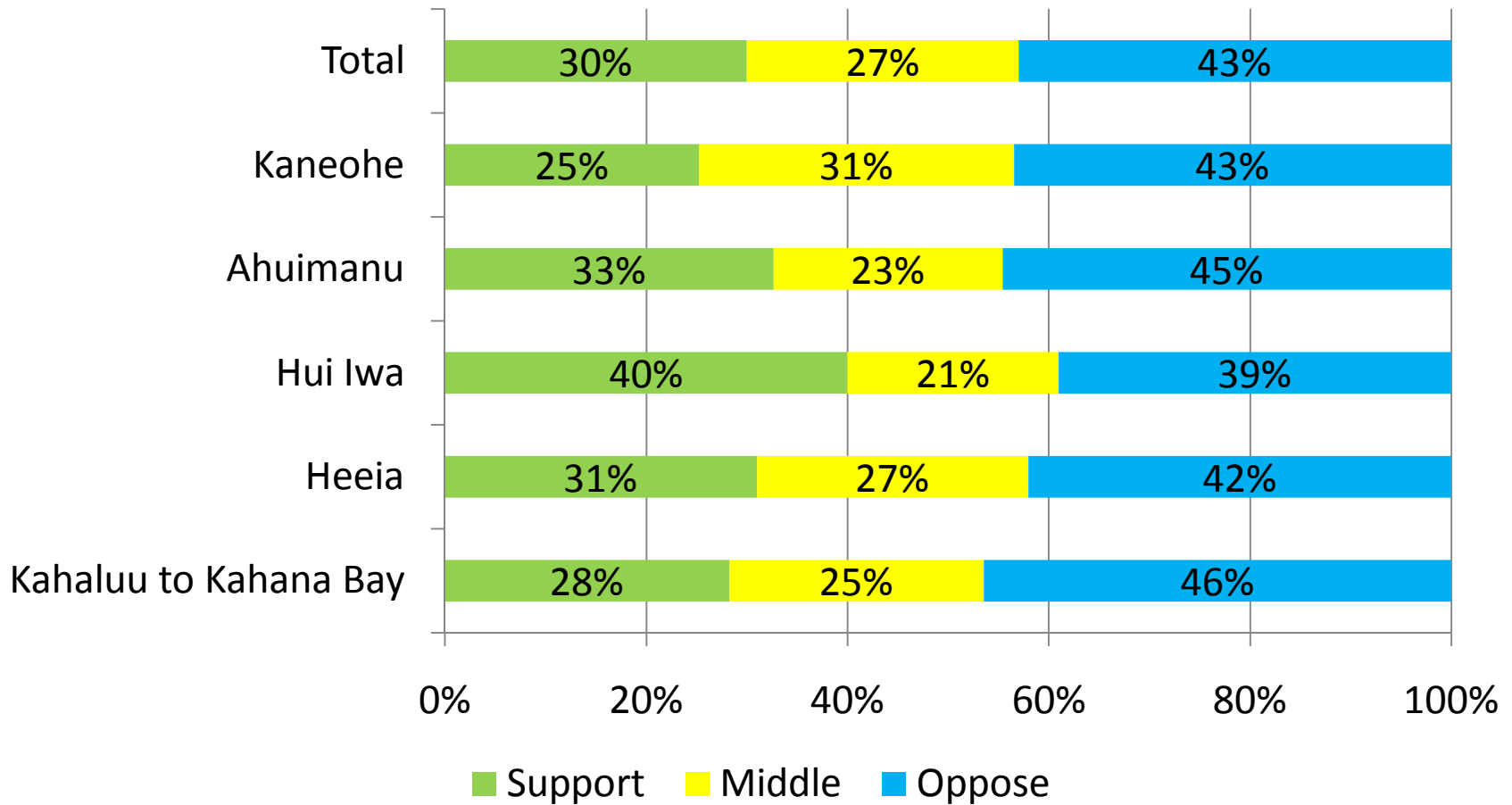
Longest – Haiku Road to the Hygienic Store



Kahekili Highway Improvement Options
Hawaii Department of Transportation



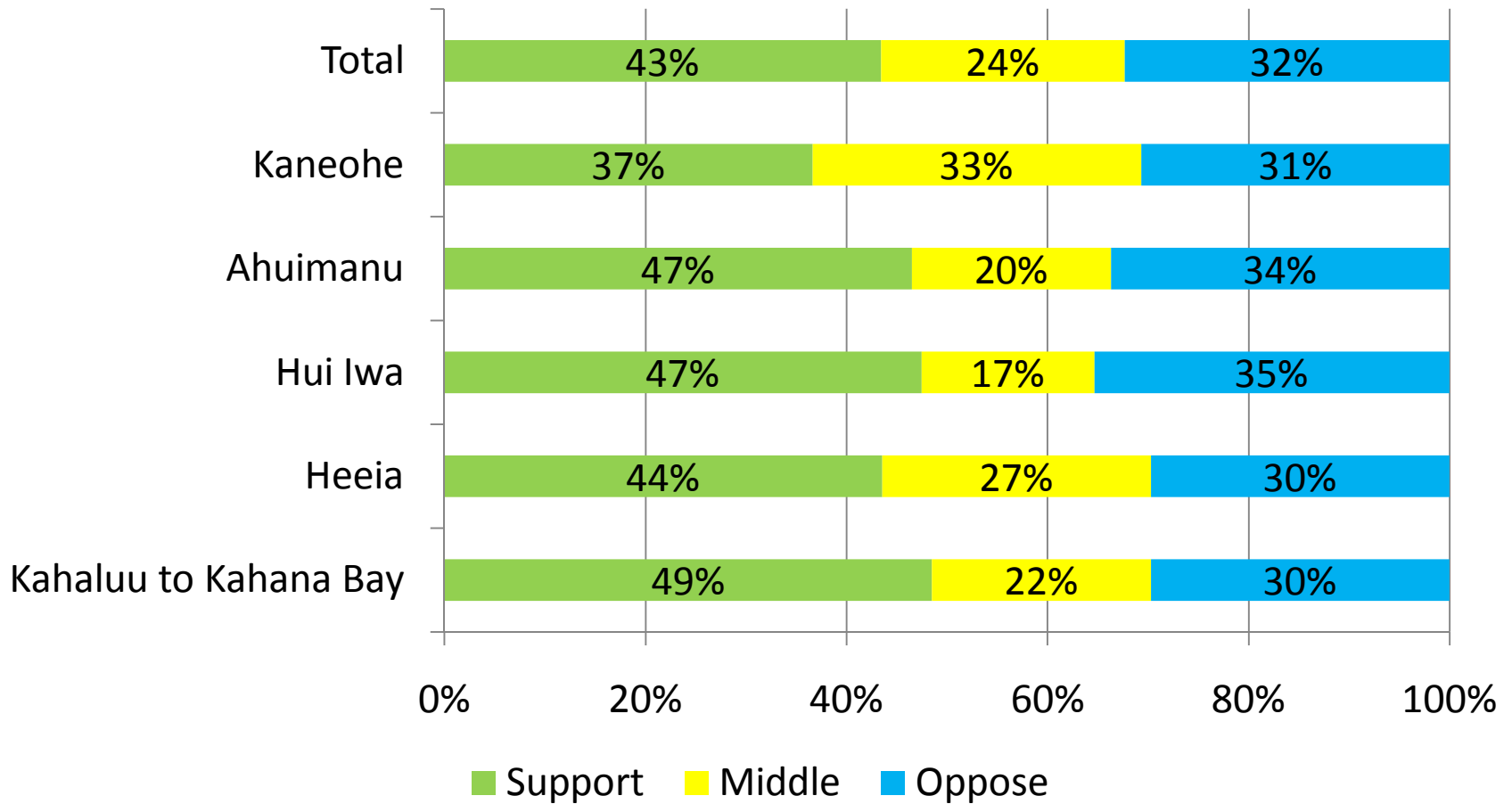
Contraflow Shortest Option Haiku Road to Hui Iwa West



11a. Shortest Option. The first option would go only from Haiku Road to Hui Iwa West



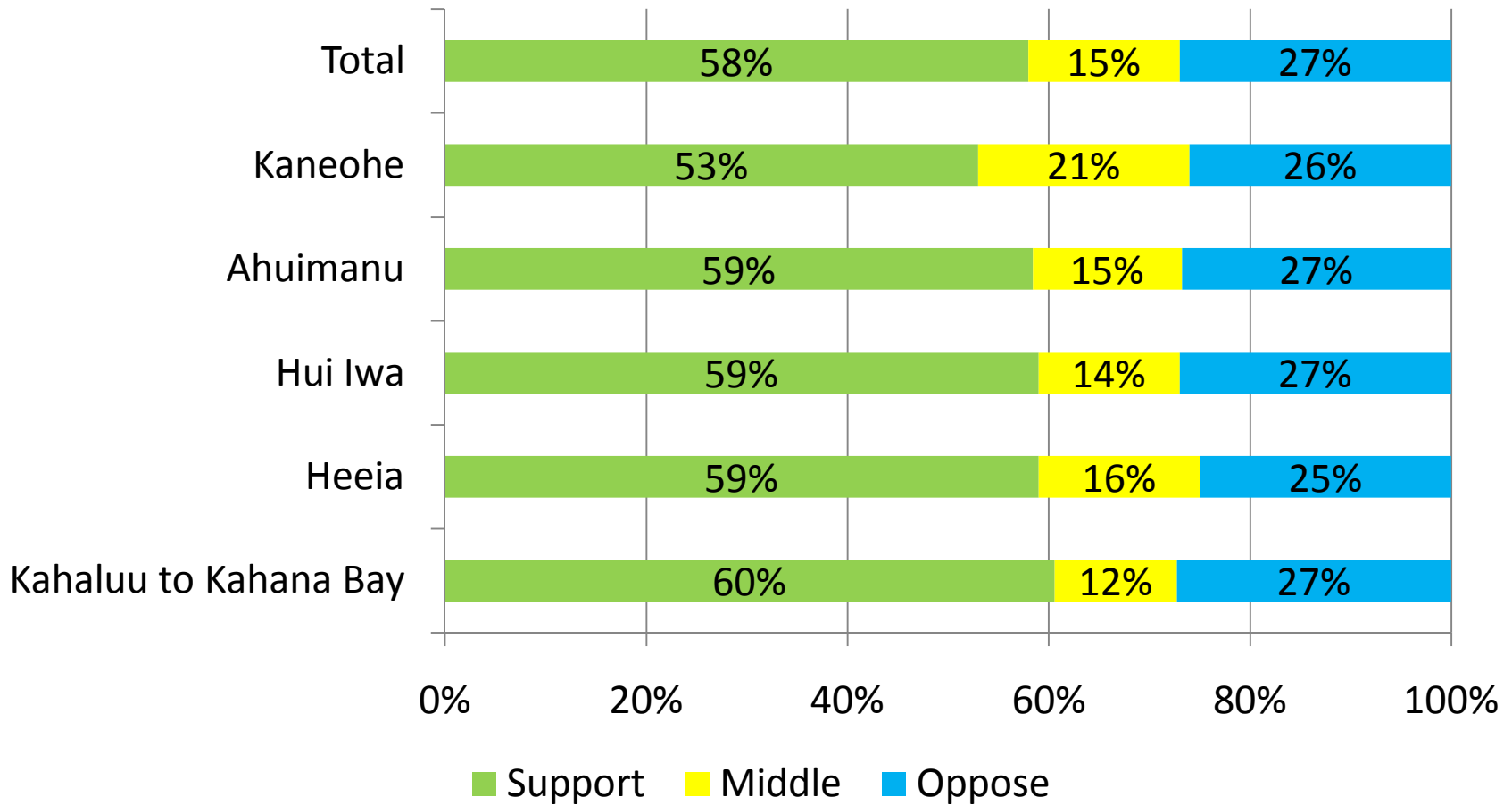
Contraflow Middle Option Haiku Road to Ahuimanu Road



11b. Middle Option. The second option would go from Haiku Road to Ahuimanu Road

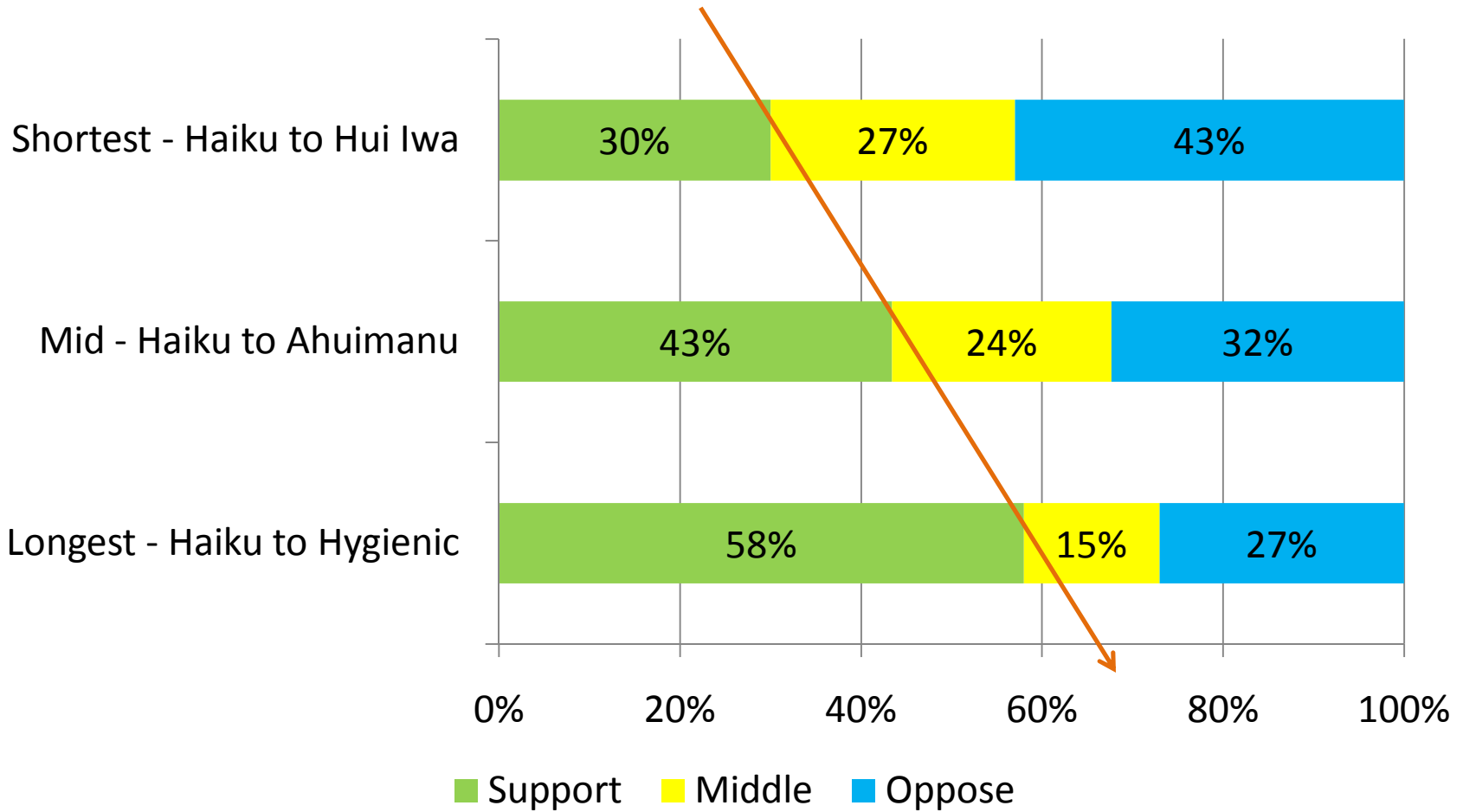


Contraflow Longest Option Haiku Road to Hygienic Store





Comparison of Contraflow Options



Total





Widening Options for Kahekili Highway

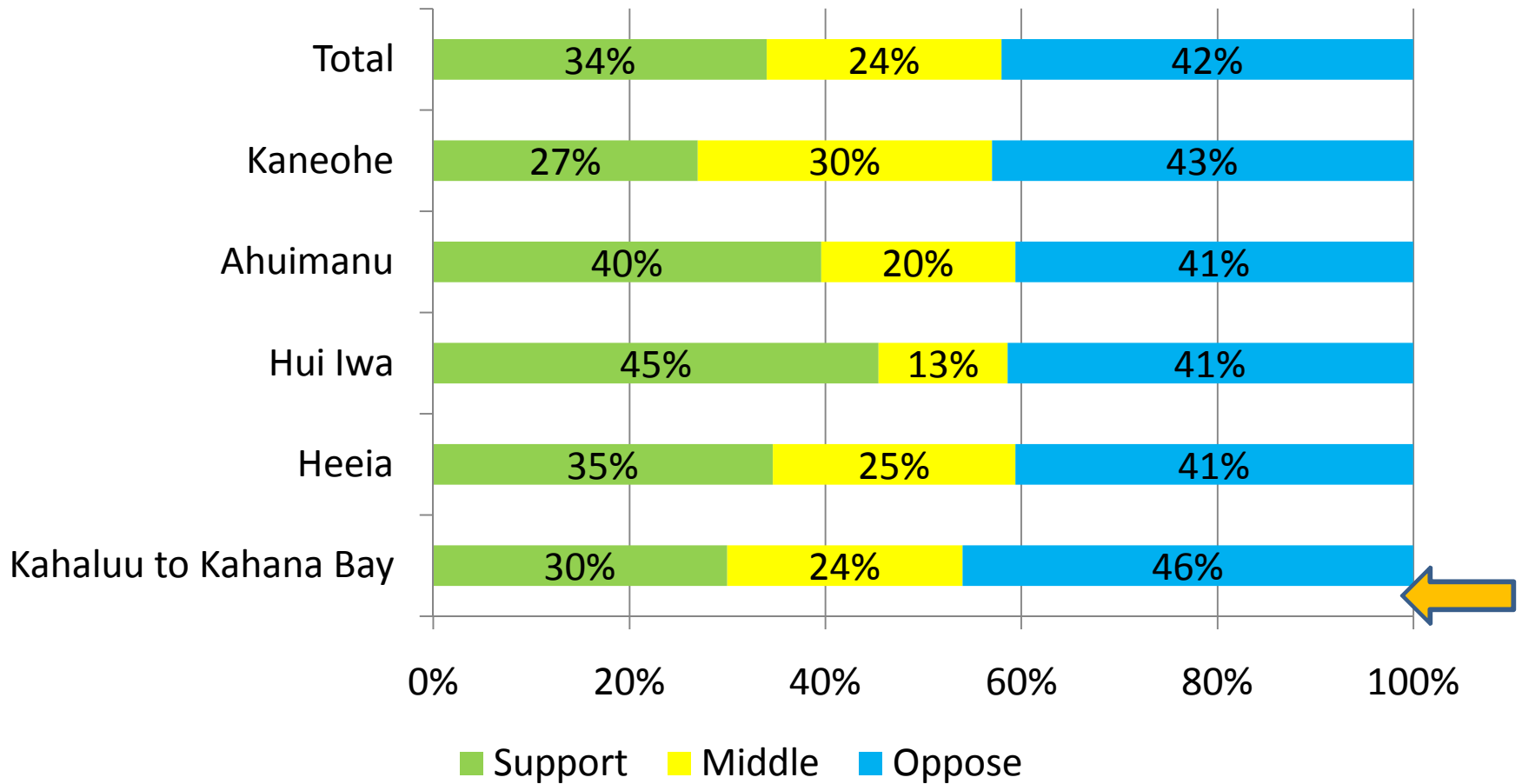
Shortest – From Haiku Road to Hui Iwa West

Middle – Haiku Road to Ahuimanu Road

Longest – Haiku Road to the Hygienic Store



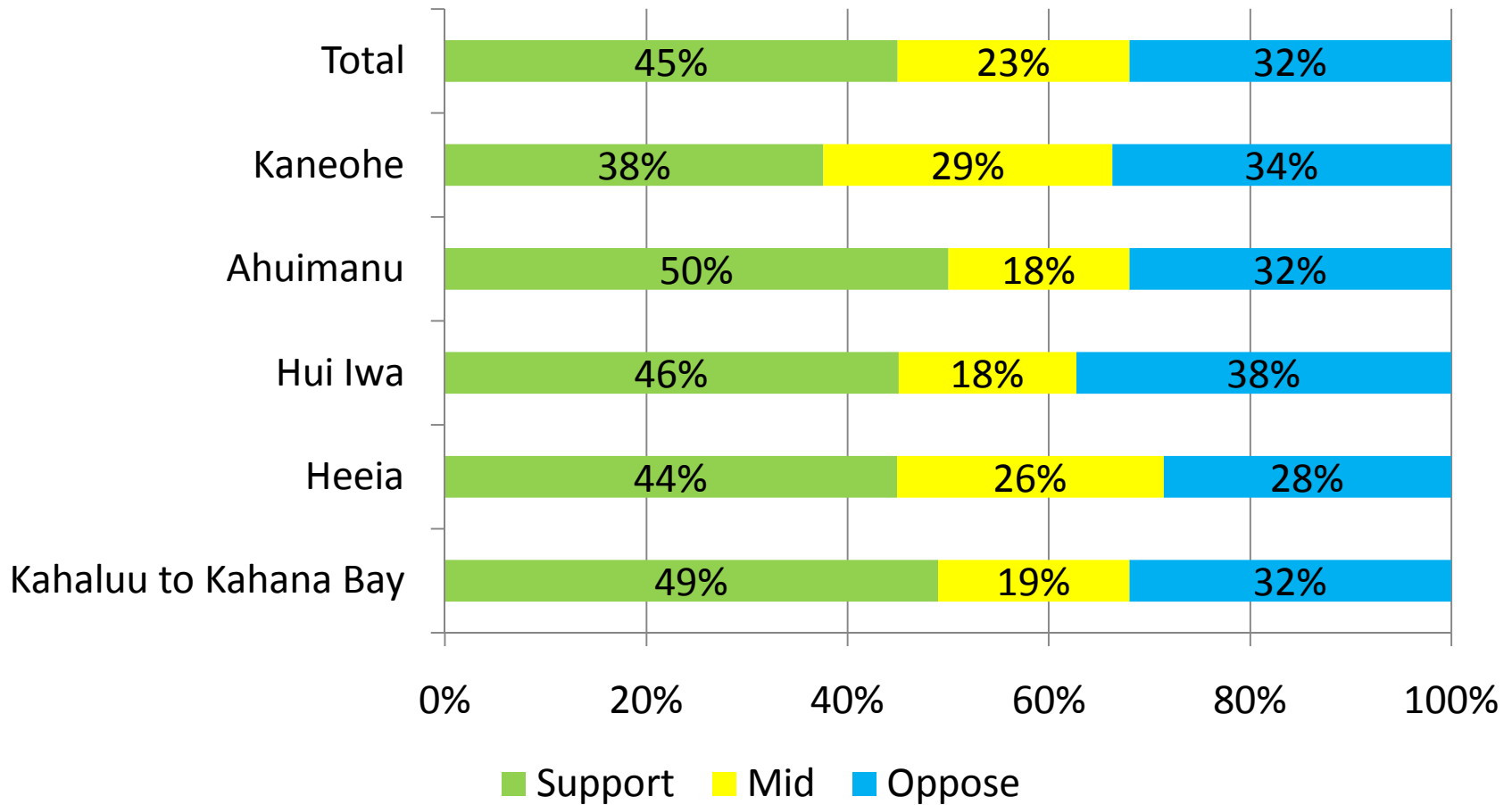
Widening Shortest Option Haiku Road to Hui Iwa West



12a. Shortest Option. This first option would widen the highway from Haiku Road to Hui Iwa West



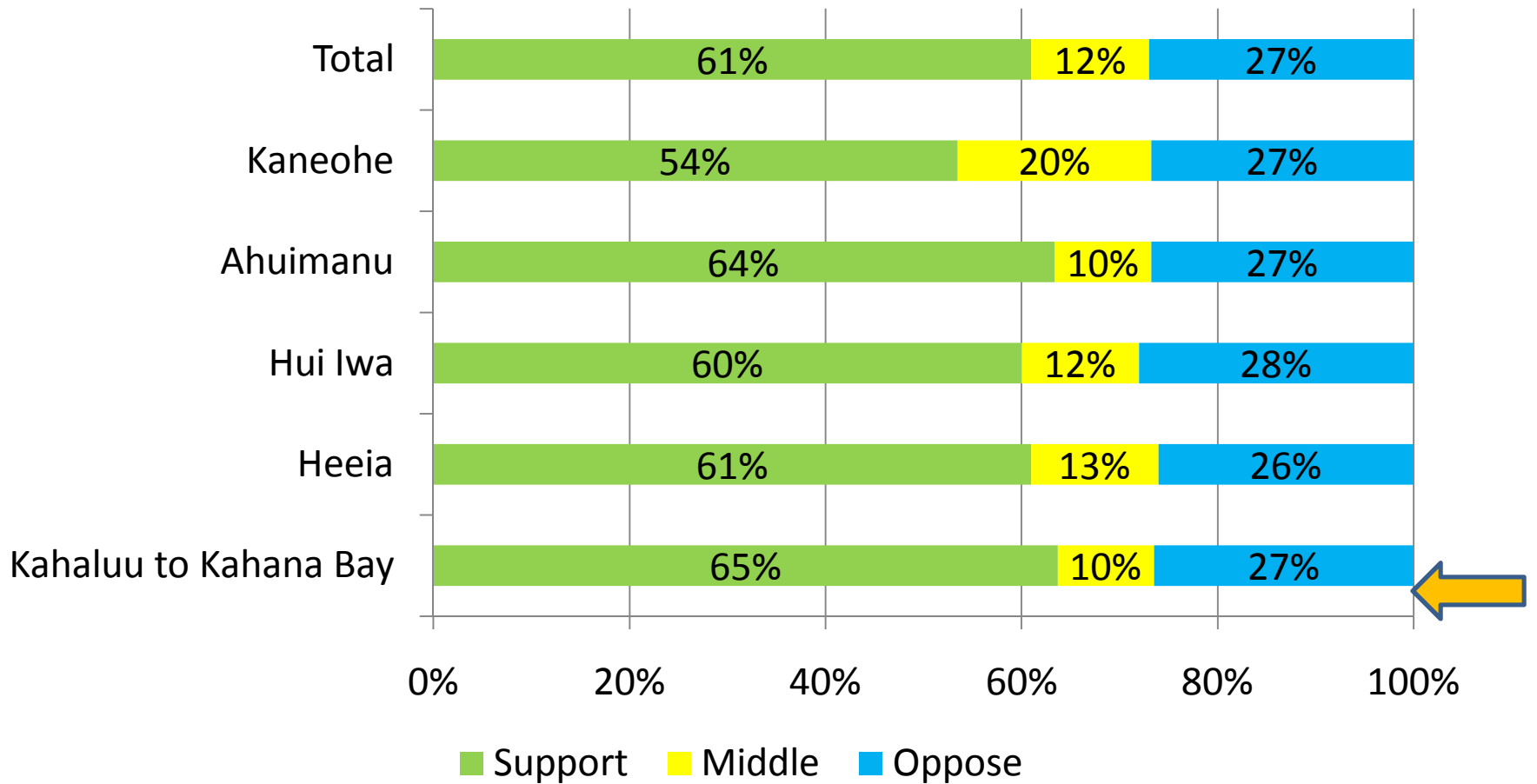
Widening Middle Option Haiku Road to Ahuimanu Road



12b. Middle Option. The second option would widen the highway from Haiku Road to Ahuimanu Road



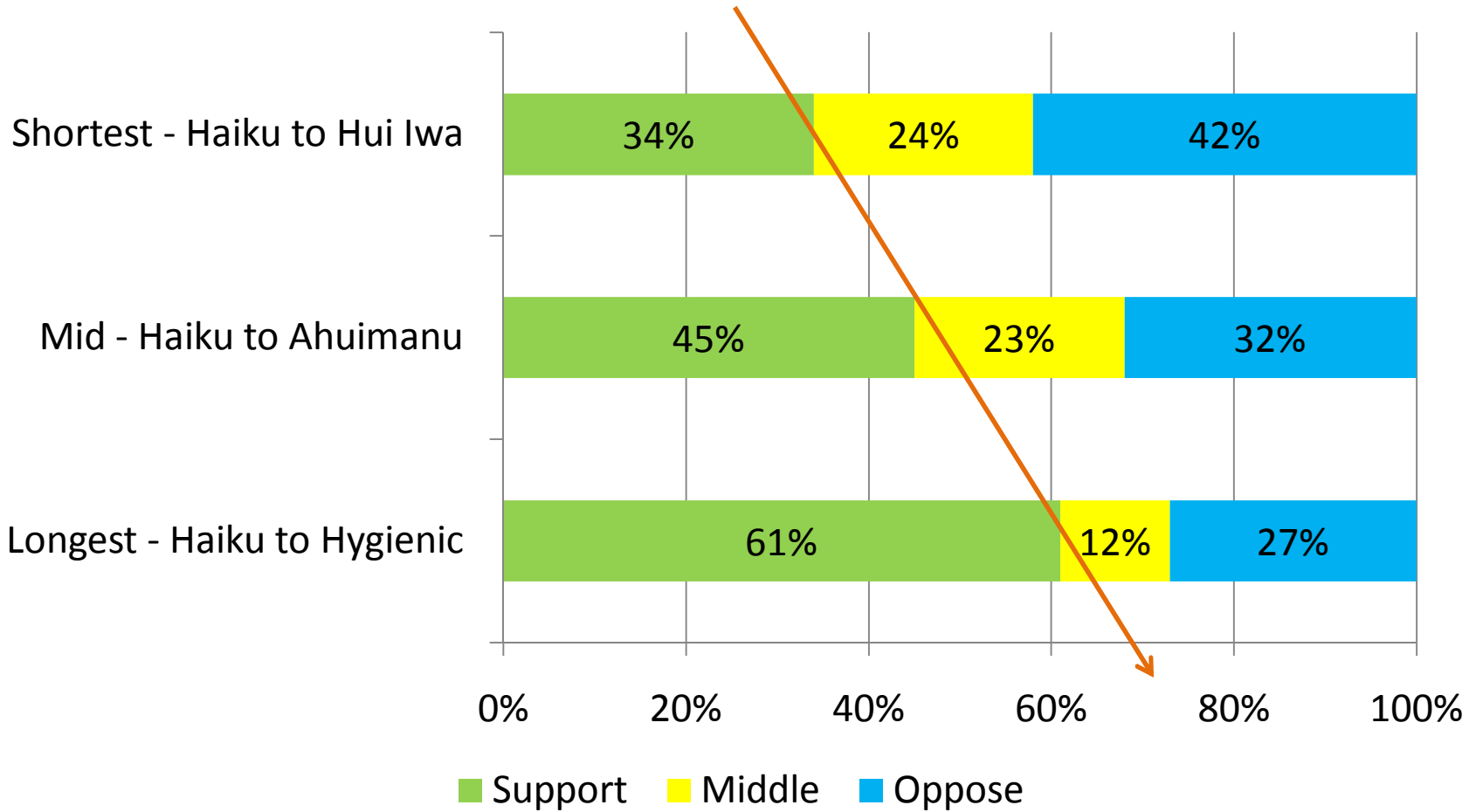
Widening Longest Option Haiku Road to Hygienic Store



12c. Longest Option. The third option would widen the highway from Haiku Road to the Hygienic Store



Comparison of Widening Options

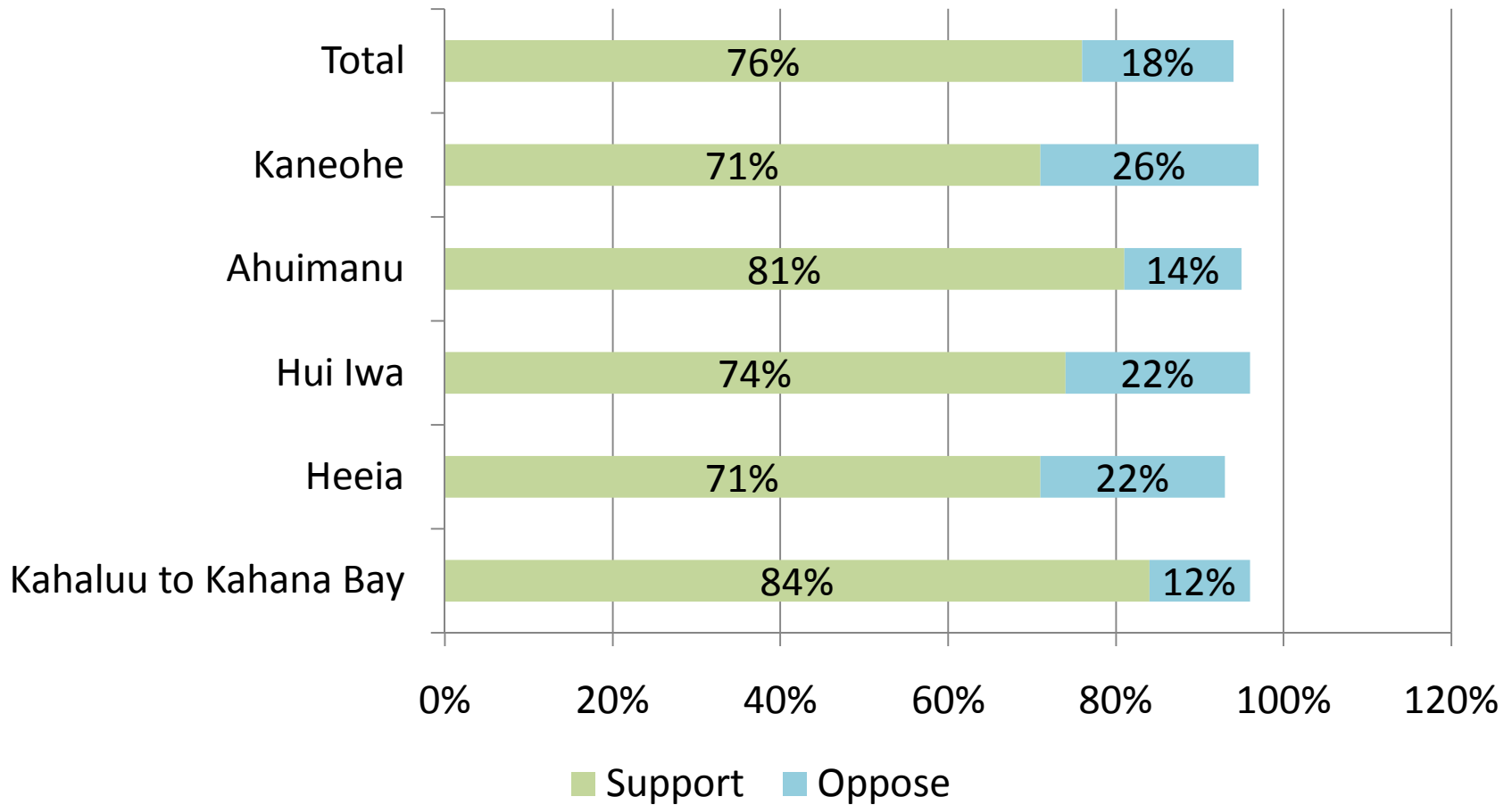


Total



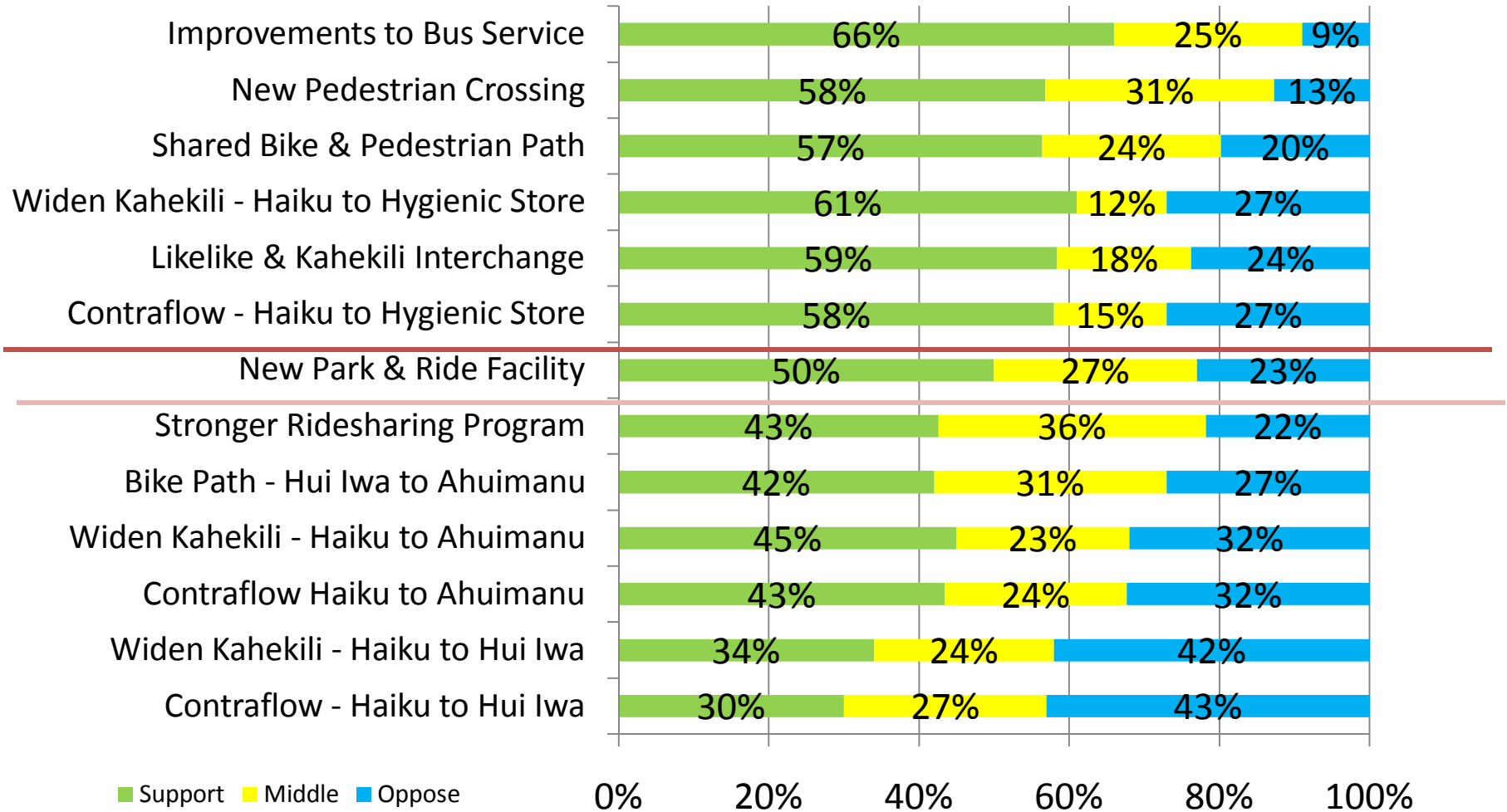


Open-ended Comments on Widening of Kahekili Highway





Comparison of All Options – By Level of Total Support





Mahalo from SMS