

**FEDERAL FISCAL YEARS 2015 - 2018
TRANSPORTATION IMPROVEMENT PROGRAM**

**REVISION #5
EXPEDITED ADMINISTRATIVE MODIFICATION**

July 2015



Oahu Metropolitan Planning Organization
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ABBREVIATIONS

| | | | |
|---------------|--|------------|---|
| § | Section | §5307 | Urbanized Area Formula Program (funding category) |
| §5307 | Urbanized Area Formula Program (funding category) | EQP | Equipment (phase) |
| §5309 BC | Bus and Bus-Related Facilities (funding category) | FFY | Federal Fiscal Year (October - September) |
| §5309 FGM | Fixed Guideway Modernization (funding category) | FHWA | Federal Highway Administration |
| §5309 NS | New Starts (funding category) | FHWA X-fer | FHWA transfer of funds from FTA |
| §5316 | Job Access Reverse Commute Program (JARC) (funding category) | FTA | Federal Transit Administration |
| §5317 | New Freedom Program (funding category) | HART | Honolulu Authority for Rapid Transportation |
| §5340 | Growing States and High Density States Formula Program (funding category) | HDOT | Hawaii Department of Transportation |
| 3-C | Continuing, Cooperative, Comprehensive | HRTTP | Honolulu Rail Transportation Project (funding category) |
| ADA | Americans with Disabilities Act | HP | High Priority Projects Program (funding category) |
| ADVCON | Advance Construction Reimbursement | HR | House Report |
| Bridge Off | Bridge Off-System (funding category) | HSIP | Highway Safety Improvement Program (funding category) |
| Bridge On/Off | Bridge On/Off-System (funding category) | IM | Interstate Maintenance (funding category) |
| CAC | OahuMPO Citizen Advisory Committee | INSP | Inspection (phase) |
| CCTV | Closed-circuit television | JARC | Job Access and Reverse Commute Program (funding category) |
| CMAQ | Congestion Mitigation and Air Quality Improvement Program (funding category) | Local Only | Funded with State or City funds (funding category) |
| CON | Construction (phase) | MAP-21 | Moving Ahead for Progress in the 21 st Century |
| DES | Design (phase) | NF | New Freedom Program (funding category) |
| Discret | Discretionary Funds (funding category) | NHPP | National Highway Performance Program (funding category) |
| DTS | City and County of Honolulu Department of Transportation Services | NHS | National Highway System (funding category) |
| Enhance | Transportation Enhancement Program (funding category) | NTD | National Transit Database |
| | | OahuMPO | Oahu Metropolitan Planning Organization |

| | |
|-----------------|--|
| OPR | Operations (phase) |
| ORTP | Oahu Regional Transportation Plan |
| PLN | Planning (phase) |
| PREROW | Pre-Right-of-Way (phase) |
| PROF SVCS | Professional Services |
| Rec Trails Prog | Recreational Trails Program (funding category) |
| REL | Relocation (phase) |
| ROW | Right-of-Way (phase) |
| RY | Report Year |
| SAFETEA-LU | Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users |
| SmUrb | Small Urban |
| SOGR | State of Good Repair Grant |
| STIC | Small Transit Intensive Cities |
| STIP | Statewide Transportation Improvement Program |
| STP Flex | Surface Transportation Program Flexible funds (funding category) |
| TAP | Transportation Alternatives Program |
| TIGER | Transportation Investment Generating Economic Recovery Grant |
| TIGGER | Transit Investments for Greenhouse Gas and Energy Reduction Grant |
| TIP | Transportation Improvement Program |
| USC | United States Code |
| UZA | Urbanized Areas |
| 3-C | Continuing, Cooperative, Comprehensive |

REVISION #5
Expedited Administrative Modification

This revision consists of expedited administrative modifications that require OahuMPO Policy Committee approval, but do not require prior review by the Technical Advisory Committee or solicitation of public comment.

PROJECT

NUMBER PROJECT NAME *(Sorted by Project Name)* **REVISION DETAILS**

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

| | | |
|------|---|--|
| OS13 | Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, Halona Street Bridge | <p>In FFY 2015, deleted federal portion of \$20,000 for ROW, and increased the local portion by that amount. Central Federal Lands will be doing the DES and some of the ROW activities. However, due to the amount of work needed to utilize the ROW funds, local funds are being programmed for ROW instead. These local funds will then be used to match federal funds for CON.</p> <p>Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.</p> |
| OS30 | Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge | <p>In FFY 2015, deleted federal portion of ROW by \$60,000 and increased the local portion by that amount. Central Federal Lands will be doing the DES and some of the ROW activities. However, due to the amount of work needed to utilize the ROW funds, local funds are being programmed for ROW instead. These local funds will then be used to match federal funds for CON.</p> <p>Increased the Estimated Total Project Cost by \$300,000.</p> <p>Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.</p> |
| OS33 | Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge | <p>Deferred and inflated PREROW (by 2% per year) from \$104,000 in FFY 2015 to \$106,000 in FFY 2016.</p> <p>Deferred ROW from \$1,148,000 in FFY 2016 to \$1,148,000 in FFY 2017 (The amount is unchanged since it is using Earmark funds).</p> <p>Deferred and inflated CON (by 2% per year) from \$18,000,000 in FFY 2018 to \$18,360,000 in FFY 2019.</p> <p>Also, deferred ADVCON from \$9,000,000 in FFY 2019 to \$9,000,000 in FFY 2020.</p> <p>Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.</p> |

FHWA - Funded Projects

City and County of Honolulu - Sponsored Projects

OC2 Bikeway Improvements Program

In FFY 2018, revised cost estimates. Reprogrammed \$790,000 to OC23 (Salt Lake Boulevard Widening, Phase 3). Decreased estimated total project costs by the same amount.

Renamed the following projects:

1. "TBD-CON 2017" project to "TBD-CON 2018"
2. "TBD-CON 2018"(ROW, PLN, and DES) phases to "TBD-DES 2018"
3. "TBD-CON 2018" (CON and EQP) phases to "TBD-CON 2019"
4. "TBD-CON 2019"(ROW, PLN, and DES) phases to "TBD-DES 2019"
5. "TBD-CON 2019" (CON and EQP) phases to "TBD-CON 2020"
6. "TBD-CON 2020" project to "TBD"

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

FHWA - Funded Projects

City and County of Honolulu - Sponsored Projects

OC10 Traffic Signals at Various Locations

In FFYs 2015-2020, revised cost estimates for phases 16-21:

1. In FFY 2015, reprogrammed Phase 16 DES funds to Phase 18 DES
2. In FFY 2016, reprogrammed Phase 17 DES funds to Phase 19 DES
3. In FFY 2017, reprogrammed Phase 18 DES funds to Phase 20 DES
4. In FFY 2018, reprogrammed Phase 19 DES funds to Phase 21 DES and reprogrammed \$1,000,000 to OC23 (Salt Lake Widening, Phase 3)
5. In FFY 2019 (a future year), deleted Phase 20 DES funds
6. In FFY 2020 (a future year), deleted Phase 21 DES funds

For Phase 15:

1. Deleted South King Street/Pensacola Street
2. Deleted South Street/Kawaihao Street
3. Deleted Kamehameha Highway/Lipoa Street
4. Changed Wahiawa Recreational Center to Wahiawa District Park

For Phase 18, added the following locations:

1. Renton Road/Pahika Street
2. Kapiolani Boulevard at Pumehana Street (Rapid Flashing Beacons), School Street/Houghtailing Street
3. Kapiolani Boulevard/Atkinson Drive
4. Kapiolani Boulevard/Kalakaua Avenue
5. Moanalua Road/Hoomalu Street

Decreased estimated total project cost by \$1,880,000.

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

OS13 Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, Halona Street Bridge



TIP Revision # Details:

In FFY 2015, deleted federal portion of \$20,000 for ROW, and increased the local portion by that amount. Central Federal Lands will be doing the DES and some of the ROW activities. However, due to the amount of work needed to utilize the ROW funds, local funds are being programmed for ROW instead. These local funds will then be used to match federal funds for CON.

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

Project Description:

Rehabilitate the existing bridge.

Project Website: None

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$6,200,000

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

State Project Code:

Program Code:

| Phase | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FOR INFORMATION ONLY | | | | | | Funding Category |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| | Total | | Local | FFY 2019 | | | FFY 2020 | | | |
| | (x\$1000) | (x\$1000) | (x\$1000) | (x\$1000) | (x\$1000) | (x\$1000) | |
| ROW | 25 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |
| CON | 0 | 0 | 0 | 5,400 | 320 | 5,080 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |
| ADVCON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,000 | -4,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |

OS30 Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge



TIP Revision # Details:

In FFY 2015, deleted federal portion of ROW by \$60,000 and increased the local portion by that amount. Central Federal Lands will be doing the DES and some of the ROW activities. However, due to the amount of work needed to utilize the ROW funds, local funds are being programmed for ROW instead. These local funds will then be used to match federal funds for CON.

Increased the Estimated Total Project Cost by \$300,000.

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

Project Description:

Replace the existing bridge on Kamehameha Highway.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$10,700,000

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

State Project Code:

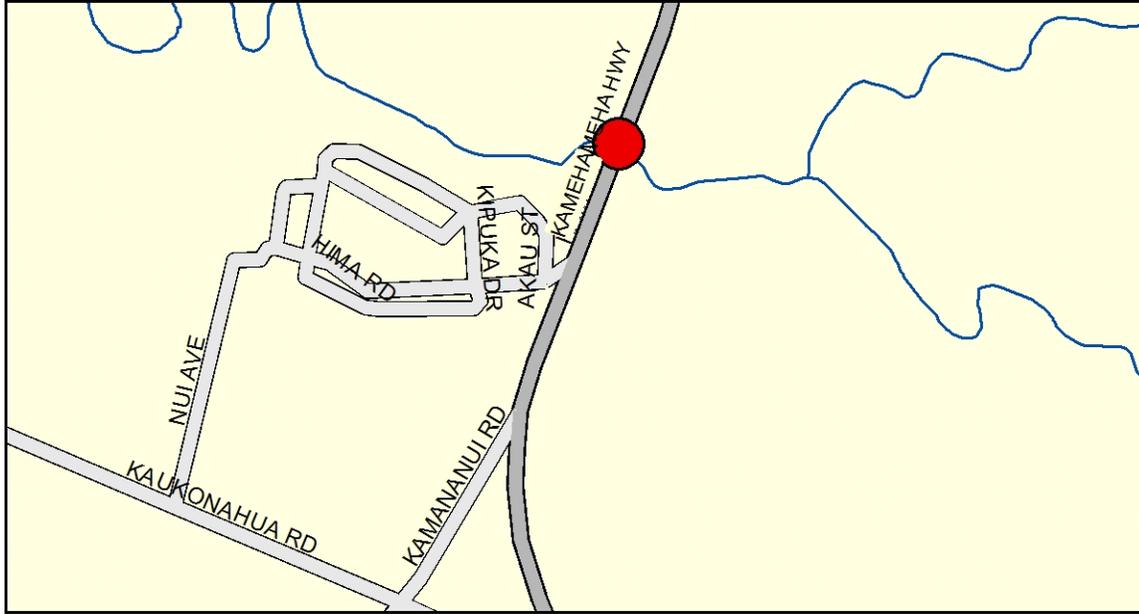
Program Code: Q100

Bridge Replacement-65% ON SYS-TEA21

FOR INFORMATION ONLY

| Phase | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FFY 2019 | | | FFY 2020 | | | Funding Category |
|-------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|------------------|
| | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | |
| DES | 1,100 | 880 | 220 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |
| ROW | 75 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |
| CON | 0 | 0 | 0 | 9,735 | 7,788 | 1,947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP |

OS33 Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge



TIP Revision # Details:

Deferred and inflated PREROW (by 2% per year) from \$104,000 in FFY 2015 to \$106,000 in FFY 2016.

Deferred ROW from \$1,148,000 in FFY 2016 to \$1,148,000 in FFY 2017 (The amount is unchanged since it is using Earmark funds).

Deferred and inflated CON (by 2% per year) from \$18,000,000 in FFY 2018 to \$18,360,000 in FFY 2019.

Also, deferred ADVCON from \$9,000,000 in FFY 2019 to \$9,000,000 in FFY 2020.

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

Project Description:

Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.

Project Website: None

Neighborhood(s): Wahiawa

Estimated Total Project Cost: \$22,100,000

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

State Project Code: BR-099-1(25)

Program Code: L10R, C230

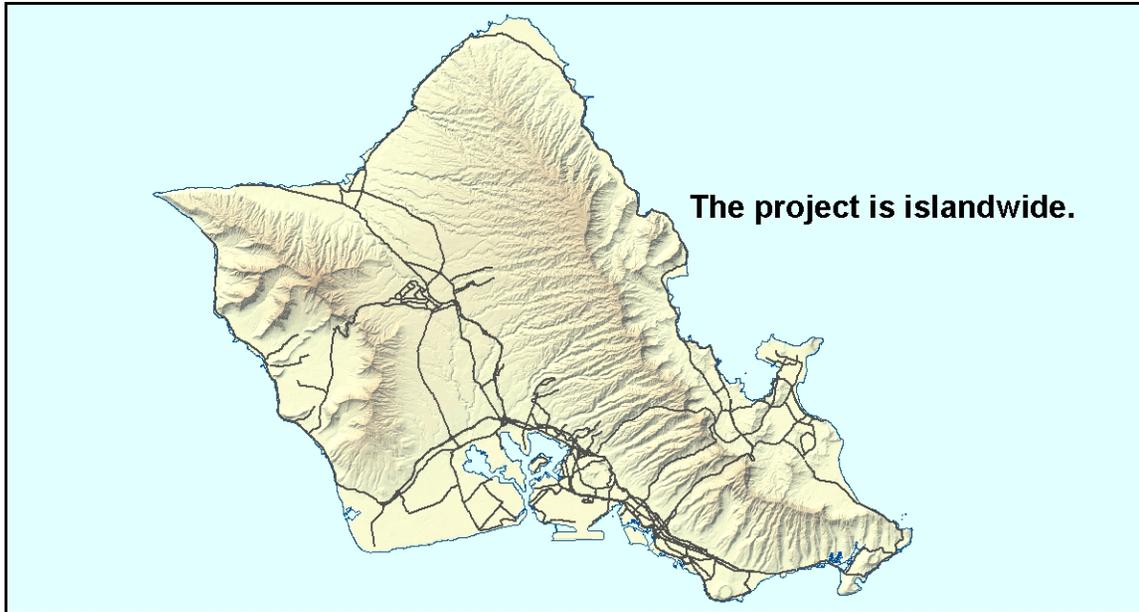
Bridge Replacement and Rehabilitation-65% ON
SYS, ARRA American Recovery & Reinv AC

FOR INFORMATION ONLY

| Phase | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FFY 2019 | | | FFY 2020 | | | Funding Category |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
| | Total | Federal | Local | |
| | (x\$1000) | |

OS33 Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge

| Phase | FFY 2015 | | | | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FOR INFORMATION ONLY | | | | | | Funding Category |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|-----------|-----------|-----------|-----------|------------|------------------|
| | Total | | Federal | Local | Total | | Federal | Local | | |
| | (x\$1000) | (x\$1000) | (x\$1000) | (x\$1000) | (x\$1000) | | |
| PREROW | 0 | 0 | 0 | 106 | 84 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NHPP | |
| ROW | 0 | 0 | 0 | 0 | 0 | 0 | 1,148 | 918 | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Earmark HP | |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,360 | 5,688 | 12,672 | 0 | 0 | 0 | 0 | NHPP | |
| ADVCON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,000 | -9,000 | 0 | NHPP | |



TIP Revision # Details:

In FFY 2018, revised cost estimates. Reprogrammed \$790,000 to OC23 (Salt Lake Boulevard Widening, Phase 3). Decreased estimated total project costs by the same amount.

Renamed the following projects:

1. "TBD-CON 2017" project to "TBD-CON 2018"
2. "TBD-CON 2018" (ROW, PLN, and DES) phases to "TBD-DES 2018"
3. "TBD-CON 2018" (CON and EQP) phases to "TBD-CON 2019"
4. "TBD-CON 2019" (ROW, PLN, and DES) phases to "TBD-DES 2019"
5. "TBD-CON 2019" (CON and EQP) phases to "TBD-CON 2020"
6. "TBD-CON 2020" project to "TBD"

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

Project Description:

This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle facilities. Projects include the Hamakua Drive Bikeway Improvements and the Pearl Harbor Bike Path Restoration.

Project Website: www.oahubikeplan.org

Neighborhood(s): Islandwide

Estimated Total Project Cost: \$11,198,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

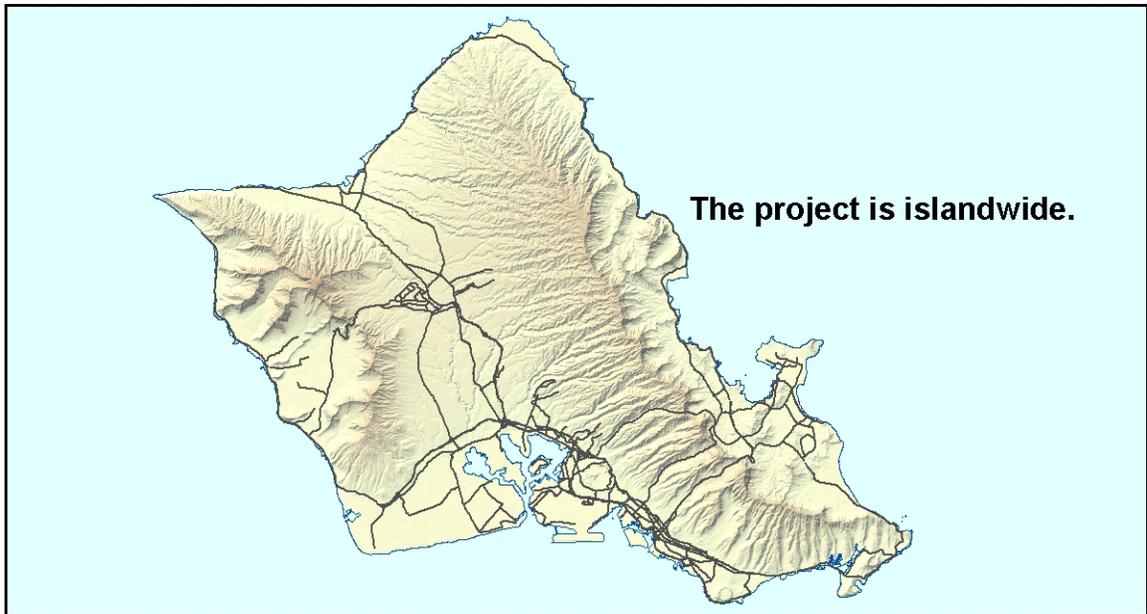
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

State Project Code: STP-6010(001)

Program Code: L240
STP-Flex

OC2 Bikeway Improvements Program

| Phase | FOR INFORMATION ONLY | | | | | | | | | | | | | | | | | | Funding Category |
|-----------------------------------|----------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|------------------|
| | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FFY 2019 | | | FFY 2020 | | | |
| | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | Total (x\$1000) | Federal (x\$1000) | Local (x\$1000) | |
| <i>Hamakua Drive (Route 6010)</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 663 | 530 | 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| INSP | 0 | 0 | 0 | 153 | 122 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| <i>Pearl Harbor Bike Path</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 1,734 | 1,387 | 347 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| INSP | 0 | 0 | 0 | 0 | 0 | 0 | 306 | 245 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| <i>TBD</i> | | | | | | | | | | | | | | | | | | | |
| PLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 102 | Local Only |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 306 | 0 | 306 | Local Only |
| ROW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | Local Only |
| <i>TBD - CON 2018</i> | | | | | | | | | | | | | | | | | | | |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 204 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,607 | 1,087 | 520 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| INSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 122 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| <i>TBD - CON 2019</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,397 | 1,877 | 520 | 0 | 0 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 122 | 31 | 0 | 0 | 0 | STP Flex |
| <i>TBD - CON 2020</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,397 | 1,877 | 520 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 122 | 31 | STP Flex |
| <i>TBD - DES 2018</i> | | | | | | | | | | | | | | | | | | | |
| PLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 306 | 0 | 306 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |
| ROW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |
| <i>TBD - DES 2019</i> | | | | | | | | | | | | | | | | | | | |
| PLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 102 | 0 | 0 | 0 | Local Only |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 306 | 0 | 306 | 0 | 0 | 0 | Local Only |
| ROW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | Local Only |



TIP Revision # Details:

In FFYs 2015-2020, revised cost estimates for phases 16-21:

1. In FFY 2015, reprogrammed Phase 16 DES funds to Phase 18 DES
2. In FFY 2016, reprogrammed Phase 17 DES funds to Phase 19 DES
3. In FFY 2017, reprogrammed Phase 18 DES funds to Phase 20 DES
4. In FFY 2018, reprogrammed Phase 19 DES funds to Phase 21 DES and reprogrammed \$1,000,000 to OC23 (Salt Lake Widening, Phase 3)
5. In FFY 2019 (a future year), deleted Phase 20 DES funds
6. In FFY 2020 (a future year), deleted Phase 21 DES funds

For Phase 15:

1. Deleted South King Street/Pensacola Street
2. Deleted South Street/Kawaihao Street
3. Deleted Kamehameha Highway/Lipoa Street
4. Changed Wahiawa Recreational Center to Wahiawa District Park

For Phase 18, added the following locations:

1. Renton Road/Pahika Street
2. Kapiolani Boulevard at Pumehana Street (Rapid Flashing Beacons), School Street/Houghtailing Street
3. Kapiolani Boulevard/Atkinson Drive
4. Kapiolani Boulevard/Kalakaua Avenue
5. Moanalua Road/Hoomalu Street

Decreased estimated total project cost by \$1,880,000.

Although these types of changes were pre-approved by the Policy Committee, the project is included in this revision because it contributes to the reduction in the amount of regular formula FHWA funds programmed for Oahu.

Project Description:

Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds left-turn phases, increases signal visibility, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and

OC10 Traffic Signals at Various Locations

selected annually by a priority listing.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$23,690,000

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

State Project Code: STP-0001(055), STP-0001(058), STP-0001(060),

Program Code: L24E, 33D0, M240

RL HWY CROSS HAZ ELIM S-LU EXT, Surface Transportation Program

| Phase | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FOR INFORMATION ONLY | | | | | | Funding Category |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|---------|-------|----------|---------|-------|------------------|
| | Total | Federal | Local | FFY 2019 | | | FFY 2020 | | | |
| | (x\$1000) | Total | Federal | Local | Total | Federal | Local | |
| <i>Phase 15 - South King Street/Kealamakai Street, Prospect Street/Prospect Place (Flashing beacon with signs), Makaloa Street/Sheridan Street, Prospect Street, California Avenue/Wahiawa District Park</i> | | | | | | | | | | | | | | | | | | | |
| CON | 3,496 | 2,800 | 696 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| EQP | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| <i>Phase 16 - Kapiolani Boulevard/Kaimuki Avenue, King Street/Ward Avenue, Salt Lake Boulevard/Radford Drive, Ulune Street/Service Road, Farrington Highway/Nanaikeola Street, Nehoa Street/Mott-Smith Drive, Ala Ilima Street/Ala Liliko Street, Kamehameha Highway/Lipoa Street, Atkinson Drive/Mahukona Street</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 3,566 | 2,856 | 710 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |
| <i>Phase 17 - Kuulei Road/Aulike Street, Kamehameha Highway/Haiku Road, King Street/Church Lane, Ahua Street/Kilihaui Street, Kuala Street/Acacia Road, King Street/Pensacola Street, Kamehameha Highway/Pahia Road</i> | | | | | | | | | | | | | | | | | | | |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 3,758 | 2,993 | 765 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |
| <i>Phase 18 - Renton Road/Pahika Street, Kapiolani at Pumehana Street (Rapid Flashing Beacons), School Street/Houghtailing Street, Kapiolani Boulevard/Atkinson Drive, Kapiolani Boulevard/Kalakaua Avenue, Moanalua Road/Hoomalu Street</i> | | | | | | | | | | | | | | | | | | | |
| DES | 438 | 350 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,825 | 2,060 | 765 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | Local Only |

OC10 Traffic Signals at Various Locations

| Phase | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FOR INFORMATION ONLY | | | | | | Funding Category | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|---------|-------|----------|---------|-------|------------------|------------|
| | Total | Federal | Local | FFY 2019 | | | FFY 2020 | | | | |
| | (x\$1000) | Total | Federal | Local | Total | Federal | Local | | |
| <i>Phase 19 - TBD</i> | | | | | | | | | | | | | | | | | | | | |
| DES | 0 | 0 | 0 | 447 | 357 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,121 | 3,300 | 821 | 0 | 0 | 0 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | Local Only |
| <i>Phase 20 - TBD</i> | | | | | | | | | | | | | | | | | | | | |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 447 | 357 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |
| CON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,121 | 3,300 | 821 | 0 | STP Flex |
| EQP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | Local Only |
| <i>Phase 21 - TBD</i> | | | | | | | | | | | | | | | | | | | | |
| DES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 447 | 357 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | STP Flex |

FFYs 2015-2018 TIP REVISION #5 FUNDING SUMMARY

| | | | | | | | | | | | | | FOR INFORMATION ONLY | | | | | |
|---|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|----------------------|----------------------|--------------------|--------------------|----------------------|--------------------|
| | FFY 2015 | | | FFY 2016 | | | FFY 2017 | | | FFY 2018 | | | FFY 2019 | | | FFY 2020 | | |
| | TOTAL (x\$1000) | FEDERAL (x\$1000) | LOCAL (x\$1000) | TOTAL (x\$1000) | FEDERAL (x\$1000) | LOCAL (x\$1000) | TOTAL (x\$1000) | FEDERAL (x\$1000) | LOCAL (x\$1000) |
| FHWA-FUNDED PROJECTS | | | | | | | | | | | | | | | | | | |
| <u>State of Hawaii - Sponsored Projects</u> | | | | | | | | | | | | | | | | | | |
| As of Revision #4 | 132,943 | 65,290 | 67,653 | 140,315 | 83,081 | 57,234 | 183,084 | 72,260 | 110,824 | 97,670 | 76,856 | 20,814 | 92,956 | 75,221 | 17,735 | 118,644 | 69,912 | 48,732 |
| Revision #5 Changes | (104) | (162) | 58 | (1,042) | (834) | (208) | 1,148 | 918 | 230 | (18,000) | (5,400) | (12,600) | 18,360 | (3,312) | 21,672 | 0 | 9,000 | (9,000) |
| Total as of Revision #5 | 132,839 | 65,128 | 67,711 | 139,273 | 82,247 | 57,026 | 184,232 | 73,178 | 111,054 | 79,670 | 71,456 | 8,214 | 111,316 | 71,909 | 39,407 | 118,644 | 78,912 | 39,732 |
| <u>C&C of Honolulu - Sponsored Projects</u> | | | | | | | | | | | | | | | | | | |
| As of Revision #4 | 29,508 | 17,000 | 12,508 | 36,157 | 17,000 | 19,157 | 30,406 | 17,000 | 13,406 | 34,163 | 17,000 | 17,163 | 55,324 | 19,729 | 35,595 | 55,223 | 19,729 | 35,494 |
| Revision #5 Changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (1,790) | (1,790) | 0 | (438) | (350) | (88) | (438) | (350) | (88) |
| Total as of Revision #5 | 29,508 | 17,000 | 12,508 | 36,157 | 17,000 | 19,157 | 30,406 | 17,000 | 13,406 | 32,373 | 15,210 | 17,163 | 54,886 | 19,379 | 35,507 | 54,785 | 19,379 | 35,406 |
| TOTAL FHWA | 162,347 | 82,128 | 80,219 | 175,430 | 99,247 | 76,183 | 214,638 | 90,178 | 124,460 | 112,043 | 86,666 | 25,377 | 166,202 | 91,288 | 74,914 | 173,429 | 98,291 | 75,138 |
| FTA-FUNDED PROJECTS | | | | | | | | | | | | | | | | | | |
| <u>State of Hawaii - Sponsored Projects</u> | | | | | | | | | | | | | | | | | | |
| As of Revision #4 | 1,102 | 695 | 407 | 1,137 | 717 | 420 | 1,172 | 739 | 433 | 1,209 | 762 | 447 | 1,248 | 786 | 462 | 1,288 | 811 | 477 |
| Revision #5 Changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total as of Revision #5 | 1,102 | 695 | 407 | 1,137 | 717 | 420 | 1,172 | 739 | 433 | 1,209 | 762 | 447 | 1,248 | 786 | 462 | 1,288 | 811 | 477 |
| <u>C&C of Honolulu - Sponsored Projects</u> | | | | | | | | | | | | | | | | | | |
| As of Revision #4 | 1,156,247 | 398,375 | 757,872 | 1,189,835 | 381,800 | 808,035 | 886,751 | 285,099 | 601,652 | 521,489 | 168,460 | 353,029 | 123,188 | 40,271 | 82,917 | 125,790 | 41,488 | 84,302 |
| Revision #5 Changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total as of Revision #5 | 1,156,247 | 398,375 | 757,872 | 1,189,835 | 381,800 | 808,035 | 886,751 | 285,099 | 601,652 | 521,489 | 168,460 | 353,029 | 123,188 | 40,271 | 82,917 | 125,790 | 41,488 | 84,302 |
| TOTAL FTA | 1,157,349 | 399,070 | 758,279 | 1,190,972 | 382,517 | 808,455 | 887,923 | 285,838 | 602,085 | 522,698 | 169,222 | 353,476 | 124,436 | 41,057 | 83,379 | 127,078 | 42,299 | 84,779 |

FHWA REGULAR FORMULA FUNDS PROGRAMMED

| | FFY 2015 (x\$1000) | FFY 2016 (x\$1000) | FFY 2017 (x\$1000) | FFY 2018 (x\$1000) | FOR INFORMATION ONLY | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | | FFY 2019 (x\$1000) | FFY 2020 (x\$1000) |
| FHWA-FUNDED PROJECTS | | | | | | |
| <u>State of Hawaii-Sponsored Projects</u> | | | | | | |
| Earmark High Priority | 0 | 0 | 1,118 | 0 | 0 | 0 |
| Highway Safety Improvement Program | 3,028 | 204 | 7,044 | 200 | 0 | 2,400 |
| Interstate Maintenance Discretionary | 4,300 | 0 | 0 | 0 | 0 | 0 |
| National Highway Performance Program | 57,513 | 74,472 | 62,529 | 64,569 | 61,622 | 73,105 |
| Recreational Trails Program | 287 | 287 | 287 | 287 | 287 | 287 |
| STP Flexible | 0 | 0 | 160 | 4,000 | 10,000 | 0 |
| Transportation Enhancement | 0 | 7,284 | 2,040 | 2,400 | 0 | 3,120 |
| State of Hawaii - FHWA Total | 65,128 | 82,247 | 73,178 | 71,456 | 71,909 | 78,912 |
| <u>City and County of Honolulu-Sponsored Projects</u> | | | | | | |
| Bridge Off-System | 720 | 720 | 720 | 720 | 800 | 800 |
| STP Flexible | 16,280 | 16,280 | 16,280 | 14,490 | 18,579 | 18,579 |
| City and County of Honolulu - FHWA Total | 17,000 | 17,000 | 17,000 | 15,210 | 19,379 | 19,379 |
| FHWA TOTAL | 82,128 | 99,247 | 90,178 | 86,666 | 91,288 | 98,291 |
| Less Discretionary Funds, etc. | (4,300) | 0 | (1,118) | 0 | 0 | 0 |
| FHWA REGULAR FORMULA FUNDS TOTAL | 77,828 | 99,247 | 89,060 | 86,666 | 91,288 | 98,291 |

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