

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
MOUNT HOPE BRIDGE
RECOMMENDED TWENTY-YEAR RENEWAL AND REPLACEMENT PLAN (in 2007 Dollars)**

| PROJECT DESCRIPTION | TYPE (See Notes) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2007-2016 (\$1000) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2017-2026 (\$1000) |
|---|------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| | | July 2006- June 2007 | July 2007- June 2008 | July 2008- June 2009 | July 2009- June 2010 | July 2010- June 2011 | July 2011- June 2012 | July 2012- June 2013 | July 2013- June 2014 | July 2014- June 2015 | July 2015- June 2016 | | July 2016- June 2017 | July 2017- June 2018 | July 2018- June 2019 | July 2019- June 2020 | July 2020- June 2021 | July 2021- June 2022 | July 2022- June 2023 | July 2023- June 2024 | July 2024- June 2025 | July 2025- June 2026 | |
| 1 03-1 Electrical System Upgrade (closeout) Engineering/Tech. Support | Upgrade | 60 | | | | | | | | | | 60 | 0 | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 60 | Project Total | | | | | | | | | | 0 |
| 2 Tower Pier and Anchorage Rehabilitation & Bridge Scour Remediation ⁸ Engineering/ Tech. Support | Upgrade | | 2,500 | 5,000 | 2,400 | | | | | | | 9,900 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 1,190 | Project Total | | | | | | | | | | 0 |
| 3 Engineering and Underwater Inspection Specialist | Insp. | | | | | 77 | | | | | | 77 | 154 | | | 77 | | | | | 77 | 154 | |
| Project Total | | | | | | | | | | | | 154 | Project Total | | | | | | | | | | 154 |
| 4 Security Assessment Study & Upgrades (incl. Cameras) Engineering/Tech. Support | Study | Recommendations to be implemented in appropriate current and upcoming Contracts. | | | | | | | | | | 0 | Recommendations to be implemented in appropriate current and upcoming Contracts. | | | | | | | | | | 0 |
| Project Total | | | | | | | | | | | | 0 | Project Total | | | | | | | | | | 0 |
| 5 05-11 - Painting and Rehabilitation of Towers & Expansions Joints, Painting of Spans 1-11 and Repairs of Approaches ⁶ Engineering/Tech. Support | Maint./ Rehab. | 6,050 | 3,000 | | | | | | | | | 9,050 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 775 | Project Total | | | | | | | | | | 0 |
| 6 Fracture Critical Biennial and Annual Inspections | Insp. | 30 | 220 | 32 | 220 | 32 | 220 | 32 | 220 | 32 | 220 | 1,258 | 30 | 220 | 32 | 220 | 32 | 220 | 32 | 220 | 32 | 220 | 1,258 |
| Project Total | | | | | | | | | | | | 1,258 | Project Total | | | | | | | | | | 1,258 |
| 7 05-6 - On-Call Deck Maintenance ⁶ Engineering/Tech. Support | Maint./ Rehab. | 1,150 | 300 | 300 | | | | | | | | 1,750 | | | | | | | 1,150 | 300 | 300 | 1,750 | |
| Project Total | | | | | | | | | | | | 340 | Project Total | | | | | | | | | | 340 |
| 8 Future Repairs / Minor Rehabilitation Engineering/Tech. Support | Maint./ Rehab. | | | | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 1,120 | | | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 1,120 |
| Project Total | | | | | | | | | | | | 112 | Project Total | | | | | | | | | | 112 |
| 9 Seismic Vulnerability Study and Retrofit Engineering/Tech. Support | Upgrade | | 3500 | 6500 | 3500 | | | | | | | 13,500 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 1,750 | Project Total | | | | | | | | | | 0 |
| 10 Approach Pavement Replacement Engineering/Tech. Support | Maint./ Upgrade | | | | | | | 140 | | | | 140 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 14 | Project Total | | | | | | | | | | 0 |
| 11 (PROJECT RE-SCOPED) Roadway Deck - Remove Concrete Overfill & Replace with Pavement ⁹ Engineering/Tech. Support | Maint. | | | | | 4,650 | | | | | | 4,650 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 485 | Project Total | | | | | | | | | | 0 |
| Project Total | | | | | | | | | | | | 5,135 | Project Total | | | | | | | | | | 0 |

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
MOUNT HOPE BRIDGE
RECOMMENDED TWENTY-YEAR RENEWAL AND REPLACEMENT PLAN (in 2007 Dollars)**

| PROJECT DESCRIPTION | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | | TOTAL PROJECT COSTS 2007-2016 (\$1000) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2017-2026 (\$1000) |
|---|--|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| | TYPE (See Notes) | July 2006- June 2007 | July 2007- June 2008 | July 2008- June 2009 | July 2009- June 2010 | July 2010- June 2011 | July 2011- June 2012 | July 2012- June 2013 | July 2013- June 2014 | July 2014- June 2015 | July 2015- June 2016 | | July 2016- June 2017 | July 2017- June 2018 | July 2018- June 2019 | July 2019- June 2020 | July 2020- June 2021 | July 2021- June 2022 | July 2022- June 2023 | July 2023- June 2024 | July 2024- June 2025 | July 2025- June 2026 | |
| 12 Superstructure Painting and Rehabilitation & Catwalk Upgrade (Zone Painting Contracts) | Maint. | | | | 1,315 | 2,650 | 2,650 | 2,650 | 2,650 | 2,650 | 1,050 | 15,615 | 1,000 | 1,000 | | | | | | | | 2,000 | |
| Engineering/Tech. Support | | | | 210 | 132 | 265 | 265 | 265 | 265 | 265 | 105 | 1,772 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 17,387 | Project Total | | | | | | | | | | 2,000 |
| 13 Environmental Mitigation Study | Study / Mitigation | Needs to be determined by study. These costs will be programmed into the plan once the needs are better quantified. | | | | | | | | | | 0 | Needs to be determined by study. These costs will be programmed into the plan once the needs are better quantified. | | | | | | | | | | 0 |
| Project Total | | | | | | | | | | | | 0 | Project Total | | | | | | | | | | 0 |
| 14 (PROJECT RE-SCOPED) Cable Inspection (8 Panels Including Backstays) ¹¹ | Insp. | | | | 600 | | | | | | | 600 | | | 600 | | | | | | | 600 | |
| Engineering/Tech. Support | | | | | 400 | | | | | | | 400 | | | 400 | | | | | | | 400 | |
| Project Total | | | | | | | | | | | | 1,000 | Project Total | | | | | | | | | | 1,000 |
| 15 (NEW PROJECT) Anchorage Dehumidification System | Upgrade | | | 1350 | | | | | | | | 1,350 | | | | | | | | | | 0 | |
| Engineering/ Tech. Support | | | 300 | 70 | | | | | | | | 370 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 1,720 | Project Total | | | | | | | | | | 0 |
| 16 (NEW PROJECT) Cable Bent Legs Interior Painting and Rehabilitation | Upgrade | | 380 | | | | | | | | | 380 | | | | | | | | | | 0 | |
| Engineering/ Tech. Support | | | 38 | | | | | | | | | 38 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | 418 | Project Total | | | | | | | | | | 0 |
| TOTAL ESTIMATED EXPENDITURE PER FISCAL YEAR | | 8,405 | 11,338 | 14,712 | 9,353 | 8,315 | 3,311 | 3,277 | 3,311 | 3,123 | 1,628 | | 1,030 | 1,220 | 32 | 1,396 | 285 | 396 | 208 | 1,666 | 628 | 873 | |
| Project Total | | | | | | | | | | | | \$66,773 | Project Total | | | | | | | | | | \$7,734 |

Notes:

- 1 All estimates are preliminary budget estimates based on available information and indicate the approximate magnitude of anticipated cost.
- 2 Projects identified under maintenance category are for the preservation of structural integrity.
- 3 Projects identified under upgrade are for bridge system preservation, updating to current standards and for improvement in level of service.
- 4 The above listing is exclusive of recurring general maintenance of bridge and other facilities.
- 5 Detail project scoping will be performed on a project basis.
- 6 Construction and Engineering/Technical Support costs for Contracts 05-11 and 05-6 have been determined based on actual "Not-to-Exceed" budgets minus actual money spent through June 2006.
- 7 Engineering/Technical Support costs for all other projects have been projected as 10% of the estimated construction cost.
- 8 The 2006 10-Year Plan listed Bridge Scour Remediation and Tower Pier and Anchorage Rehabilitation as two (2) separate projects. For 2007 the projects have been combined. Costs have been determined from actual bid prices (June 2005) for Contract 05-3, which was reduced in scope and re-bid as Contract 05-11. June 2005 prices have been escalated to December 2006 using ENR cost indices for Boston, MA.
- 9 Previous 10-Year Plan considered deck resurfacing only (i.e., isolated concrete repairs and additional chip seal). The re-scoping assumes that the 2" concrete overfill will be completely replaced by pavement.
- 10 Not Used.
- 11 The Southeast Backstay Inspection, included in the 2006 10-Year Plan, has now been rolled into a bridge-wide cable inspection.
- 12 Projects 1 through 14 are carried over from last year. Projects 15 and 16 are new to the 10-Year Plan.

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| TOTAL ESTIMATED PROJECT COSTS 2007-2026 | \$74,507 |
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**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
NEWPORT/PELL BRIDGE
RECOMMENDED TWENTY YEAR RENEWAL AND REPLACEMENT PLAN
(In 2007 Dollars)**

| PROJECT | | | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2007-2016 (\$1000) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2017- 2026 (\$1000) | |
|----------------------|--|-----------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---|--------------|
| | DESCRIPTION | TYPE | July 2006- June 2007 | July 2007- June 2008 | July 2008- June 2009 | July 2009- June 2010 | July 2010- June 2011 | July 2011- June 2012 | July 2012- June 2013 | July 2013- June 2014 | July 2014- June 2015 | July 2015- June 2016 | | July 2016- June 2017 | July 2017- June 2018 | July 2018- June 2019 | July 2019- June 2020 | July 2020- June 2021 | July 2021- June 2022 | July 2022- June 2023 | July 2023- June 2024 | July 2024- June 2025 | July 2025- June 2026 | | |
| 1 | Bridge Deck Evaluation (concrete) and Full Depth Replacement | Study/Rehab | | | | | 13,500 | 13,500 | | | | | | | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Deck) | 100 | | | 400 | 700 | 700 | | | | | | | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 28,900 | Project Total | | | | | | | | | | | 0 |
| 2 | Bridge Deck Sealing (concrete) | Maint/Rehab | | 150 | | | | 150 | | | | 150 | | | | 150 | | | | 150 | | | 300 | | |
| | Engineering/Technical Support | (Deck) | 35 | 15 | | | | 15 | | | | 15 | | | | 15 | | | | 15 | | | 30 | | |
| Project Total | | | | | | | | | | | | | 530 | Project Total | | | | | | | | | | | 330 |
| 3 | Bridge Deck Slab Partial Depth Rehabilitation (Hydrodemolition) (concrete) | Maint/Rehab | | | | | | | | | | 6,000 | | | | | | | | | | | 6,000 | | |
| | Engineering/Technical Support | (Deck) | | | | | | | | | 300 | 300 | 600 | 300 | | | | | | | | | 300 | | |
| Project Total | | | | | | | | | | | | | 6,600 | Project Total | | | | | | | | | | | 6,300 |
| 4 | Bridge Deck Patching Roadway/Approaches (concrete) | Maint/Rehab | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 2,400 | 120 | 120 | 120 | 120 | 120 | 60 | 60 | 60 | 60 | 900 | | |
| | Engineering/Technical Support | (Deck) | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 | | |
| Project Total | | | | | | | | | | | | | 2,550 | Project Total | | | | | | | | | | | 1,050 |
| 5 | Bridge Deck Joint and Header Repairs (concrete) | Maint/Rehab | | | 500 | | 500 | 250 | | | | 500 | 1,750 | | | 500 | | | | | | | 500 | | |
| | Engineering/Technical Support | (Deck) | | 35 | 50 | | 50 | 25 | | | | 50 | 210 | | | 50 | | | | | | | 50 | | |
| Project Total | | | | | | | | | | | | | 1,960 | Project Total | | | | | | | | | | | 550 |
| 6 | Rehabilitation of West Approach Roadway Pavement (asphalt) | Maint/Rehab | | 2,000 | | | | | | | | | 2,000 | | | | | | | | | | 0 | | |
| | Engineering/Technical Support | (Roadway) | 120 | 200 | | | | | | | | | 320 | | | | | | | | | | 0 | | |
| Project Total | | | | | | | | | | | | | 2,320 | Project Total | | | | | | | | | | | 0 |
| 7 | Rehabilitation of Structure "E" Bridge Deck (concrete) | Study/Rehab | | | 700 | | | | | | | | 700 | | | | | | | | | | 0 | | |
| | Engineering/Technical Support | (Deck) | | 60 | 150 | | | | | | | | 210 | | | | | | | | | | 0 | | |
| Project Total | | | | | | | | | | | | | 910 | Project Total | | | | | | | | | | | 0 |
| 8 | Removal of loose materials (combine with appropriate contracts) (concrete) | Maint. | | 500 | | | 475 | 475 | 475 | | | | 1,925 | | | | | | | | | | 0 | | |
| | Engineering/Technical Support | (Deck) | | 30 | | | 30 | 30 | 30 | | | | 120 | | | | | | | | | | 0 | | |
| Project Total | | | | | | | | | | | | | 2,045 | Project Total | | | | | | | | | | | 0 |
| 9 | Concrete repairs on piers, abutments and anchorages | Maint/Rehab | | | | | | | 275 | 275 | 275 | | 825 | | | | | | | | | | 0 | | |
| | Engineering/Technical Support | (Sub Structure) | | | | | | 60 | 25 | 25 | 25 | 135 | | | | | | | | | | | 0 | | |
| Project Total | | | | | | | | | | | | | 960 | Project Total | | | | | | | | | | | 0 |
| 10 | Placing Protective Concrete Jacketing on West Prot. Cells | Maint/Rehab | | | 850 | | | | | | | | 850 | | | | | | | | | | 0 | | |
| | Engineering/Technical Support | (Sub structure) | | 60 | 100 | | | | | | | | 160 | | | | | | | | | | 0 | | |
| Project Total | | | | | | | | | | | | | 1,010 | Project Total | | | | | | | | | | | 0 |

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
NEWPORT/PELL BRIDGE
RECOMMENDED TWENTY YEAR RENEWAL AND REPLACEMENT PLAN
(In 2007 Dollars)**

| PROJECT | | | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2007-2016 (\$1000) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2017- 2026 (\$1000) |
|----------------------|---|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---|
| | DESCRIPTION | TYPE | July 2006- June 2007 | July 2007- June 2008 | July 2008- June 2009 | July 2009- June 2010 | July 2010- June 2011 | July 2011- June 2012 | July 2012- June 2013 | July 2013- June 2014 | July 2014- June 2015 | July 2015- June 2016 | | July 2016- June 2017 | July 2017- June 2018 | July 2018- June 2019 | July 2019- June 2020 | July 2020- June 2021 | July 2021- June 2022 | July 2022- June 2023 | July 2023- June 2024 | July 2024- June 2025 | July 2025- June 2026 | |
| 11 | Painting of steel superstructure | Maint. | | | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | | | | 75,000 | | | | | | 3,500 | 3,500 | 6,500 | 6,500 | 20,000 | |
| | Engineering/Technical Support | (Paint) | 125 | 250 | 500 | 500 | 500 | 500 | 425 | | | | 2,800 | | | | | | 225 | 250 | 350 | 225 | 1,050 | |
| Project Total | | | | | | | | | | | | | 77,800 | Project Total | | | | | | | | | | 21,050 |
| 12 | Steel Superstructure Repairs/Retrofits | Maint/ Rehab | | | 6,500 | 6,500 | 1,000 | 1,000 | 500 | | | | 15,500 | | | | | | 500 | 500 | 500 | 500 | 2,000 | |
| | Engineering/Technical Support | (Steel super structure) | 25 | 250 | 200 | 200 | 50 | 50 | 50 | | | | 825 | | | | | | 25 | 25 | 25 | 25 | 100 | |
| Project Total | | | | | | | | | | | | | 16,325 | Project Total | | | | | | | | | | 2,100 |
| 13 | Main Cable Unwrapping, Inspection, Testing & Repairs Contact 06-7 | Upgrade | 2,000 | | 2,000 | | | | | | | | 4,000 | 2,000 | | 500 | | | | | | | 2,500 | |
| | Engineering/Technical Support | (Steel specialty) | 400 | 400 | | | | | 700 | | | | 1,500 | 400 | 100 | | | | | | | | 500 | |
| Project Total | | | | | | | | | | | | | 5,500 | Project Total | | | | | | | | | | 3,000 |
| 14 | Tower Link Repairs and Cable Bent Pin Repairs | Maint. | | | 250 | | 250 | | | | | 125 | 625 | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Steel specialty) | | | 20 | | 20 | | | | | 15 | 55 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 680 | Project Total | | | | | | | | | | 0 |
| 15 | Seismic Vulnerability Study and Upgrade | Upgrade | | | | 3,000 | 3,000 | 4,200 | 4,200 | | | | 14,400 | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Steel structure/ super structure/ specialty) | 100 | 425 | 425 | 150 | 150 | 220 | 220 | | | | 1,690 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 16,090 | Project Total | | | | | | | | | | 0 |
| 16 | Security Assessment, Security Cameras and Security Monitoring | Upgrade | | 87 | 220 | 220 | | | | | | | 527 | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Safety) | | 5 | 100 | 75 | | | | | | | 180 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 707 | Project Total | | | | | | | | | | 0 |
| 17 | Electrical Inspection & Repairs, and Anchorage Dehumidification and Drainage Repairs - Contract 05-12 | Maint. | 3,095 | 1,326 | | | | | | | | | 4,421 | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Electrical/ steel specialty) | 147 | 63 | | | | | | | | | 211 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 4,632 | Project Total | | | | | | | | | | 0 |
| 18 | Main Bridge - Upgrading Inspection Catwalks to OSHA Standards - Contract 05-12 | Upgrade | 473 | 473 | | | | | | | | | 945 | | | | | | | | | | 0 | |
| | Engineering/Technical Support | (Steel super structure) | 22 | 22 | | | | | | | | | 44 | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 989 | Project Total | | | | | | | | | | 0 |
| 19 | In-Depth Inspection | Maint. | 400 | 300 | | | | | 350 | 350 | 350 | | 1,750 | | | | 350 | 350 | | | | | 700 | |
| Project Total | | | | | | | | | | | | | 1,750 | Project Total | | | | | | | | | | 700 |

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
NEWPORT/PELL BRIDGE
RECOMMENDED TWENTY YEAR RENEWAL AND REPLACEMENT PLAN
(In 2007 Dollars)**

| PROJECT | | | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2007-2016 (\$1000) | ESTIMATED PROJECT EXPENDITURE FOR FISCAL YEAR (\$1000) | | | | | | | | | | TOTAL PROJECT COSTS 2017-2026 (\$1000) | |
|---|--|------------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|---|
| | DESCRIPTION | TYPE | July 2006- June 2007 | July 2007- June 2008 | July 2008- June 2009 | July 2009- June 2010 | July 2010- June 2011 | July 2011- June 2012 | July 2012- June 2013 | July 2013- June 2014 | July 2014- June 2015 | July 2015- June 2016 | | July 2016- June 2017 | July 2017- June 2018 | July 2018- June 2019 | July 2019- June 2020 | July 2020- June 2021 | July 2021- June 2022 | July 2022- June 2023 | July 2023- June 2024 | July 2024- June 2025 | July 2025- June 2026 | | |
| 20 | Archive original design dwgs & shop drawings Engineering/Technical Support | Upgrade (Admin) | | 110 | 175 | | | | | | | | 285 | | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 285 | Project Total | | | | | | | | | | 0 | |
| 21 | Study for Upgrading Toll Collection Systems Engineering/Technical Support | Study/ Upgrade (Tolls) | 135 | Needs to be determined by study. These will be programmed into the plan once the needs are better quantified. | | | | | | | | | 0 | | | | | | | | | | | | 0 |
| Project Total | | | | | | | | | | | | | 135 | Project Total | | | | | | | | | | 0 | |
| 22 | Rehabilitation of Admin Bldg & Grounds Engineering/Technical Support | Rehab. (Admin/ safety) | | 255 | 850 | 650 | | | | | | | 1,755 | | | | | | | | | | | 0 | |
| | | | | 20 | 55 | 35 | | | | | | | 110 | | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 1,865 | Project Total | | | | | | | | | | 0 | |
| 23 | Study/Implementation of Adding a Median Barrier Engineering/Technical Support | Upgrade (Safety) | 150 | | | 5,200 | | | | | | | 5,200 | | | | | | | | | | | 0 | |
| | | | | | 35 | 75 | | | | | | | 260 | | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 5,460 | Project Total | | | | | | | | | | 0 | |
| 24 | Rocker Bearing Repairs/Resetting Engineering/Technical Support | Repair (Bearings) | 280 | | 100 | | | 100 | | | | 100 | 580 | | | | | | | | | | | 0 | |
| | | | 40 | | 20 | | | 20 | | | | 20 | 100 | | | | | | | | | | | 0 | |
| Project Total | | | | | | | | | | | | | 680 | Project Total | | | | | | | | | | 0 | |
| 25 | Miscellaneous Maint & Repairs | Maint. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 | |
| Project Total | | | | | | | | | | | | | 1,000 | Project Total | | | | | | | | | | 1,000 | |
| TOTAL EST'D EXPENDITURE BY FISCAL YEAR | | | 8,002 | 7,391 | 29,155 | 32,360 | 35,580 | 36,650 | 22,605 | 1,005 | 1,305 | 7,630 | | 8,935 | 335 | 735 | 950 | 585 | 525 | 4,425 | 4,615 | 7,550 | 7,425 | | |
| | | | | | | | | | | | | | \$181,683 | TOTAL ESTIMATED PROJECT COSTS 2007-2026 | | | | | | | | | | \$217,763 | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-----------|---------|---------|------|---------|-------|-------|-------|---------|-------|-------|----------|
| MOUNT HOPE TOTALS | 8,405 | 11,338 | 14,712 | 9,353 | 8,315 | 3,311 | 3,277 | 3,311 | 3,123 | 1,628 | \$66,773 | \$1,030 | \$1,220 | \$32 | \$1,396 | \$285 | \$396 | \$208 | \$1,666 | \$628 | \$873 | \$7,734 |
| RITBA TOTALS BOTH BRIDGES | 16,407 | 18,729 | 43,867 | 41,713 | 43,895 | 39,961 | 25,882 | 4,316 | 4,428 | 9,258 | \$248,456 | 9,965 | 1,555 | 767 | 2,346 | 870 | 921 | 4,633 | 6,281 | 8,178 | 8,298 | \$43,814 |

TOTAL ESTIMATED MH AND NP PROJECT COSTS 2007-2026 \$292,270

NOTES:

- 1 All estimates are preliminary budget estimates based on available information and indicate the approximate magnitude of cost.
- 2 Projects identified under maintenance category are repairs required for the preservation of structure integrity.
- 3 Projects identified under maintenance/rehab category are for preservation of structural integrity on a scale larger than typical repairs.
- 4 Projects identified under upgrade are for bridge system preservation, updating to current standards and for significant improvement in level of service.
- 5 The above listing is exclusive of recurring general maintenance of bridge and other facilities and annual inspection projects.
- 6 Detail project scoping will be performed on a project basis.
- 7 Engineering/Technical Support costs for this Ten-Year Plan have been projected as a percentage of the estimated construction cost.