



Maryland Transportation Authority

CAPITAL COMMITTEE MEETING

THURSDAY, SEPTEMBER 4, 2025

2310 BROENING HIGHWAY
BALTIMORE, MARYLAND 21224

CAPITAL COMMITTEE MONTHLY MEETING
September 4, 2025 – 9:00 AM

This meeting will be livestreamed on the [MDTA Capital Committee Page](#)

NOTE: This is an Open Meeting being conducted via livestreaming. The public is welcomed to watch the meeting at the link listed above. ***If you wish to comment on an agenda item please email your name, affiliation, and the agenda item to gsteffe@mdta.state.md.us no later than 3:00 p.m. on Monday, September 1, 2025. You MUST pre-register in order to comment.*** Once you have pre-registered you will receive an email with all pertinent information.

AGENDA

OPEN SESSION – 9:00 a.m.

Call Meeting to Order

- | | | |
|--|---------------|---------|
| 1. <u>Approval</u> - Open Session Meeting Minutes
of August 7, 2025 | Chairman | 5 mins |
| 2. <u>Update</u> - MDTA OEC Environmental
Review and Permitting | Tigstu Belay | 15 mins |
| 3. <u>Update</u> - Key Bridge Authorizations, Expenditures,
And Reimbursements | Bruce Gartner | 5 mins |

Vote to Adjourn Meeting

TAB 1

**MARYLAND TRANSPORTATION AUTHORITY
CAPITAL COMMITTEE MEETING
THURSDAY, AUGUST 7, 2025
OPEN MEETING VIA LIVESTREAMING**

OPEN SESSION

MEMBERS ATTENDING:

Mario J. Gangemi - Chairman
Samuel D. Snead
William H. Cox, Jr.
Maricela Cordova

STAFF ATTENDING:

Bruce Gartner
James Harkness
Ishtiaque Tunio
Tekeste Amare
Natalie Henson
Kendra Joseph
Mary O’Keeffe
Kimberly Millender
Patricia Tracey
Evan Howard
Yousre Odeh
Zhihua Kuang
Tigstu Belay
Timothy Sheets
Julie McCarthy
Ganine Steffe

Member Gangemi called the meeting of the Maryland Transportation Authority (MDTA) Capital Committee to order at 9:00 a.m. The meeting was held via video conference and livestreamed on the MDTA Board Meeting web page.

APPROVAL - OPEN SESSION MEETING MINUTES OF JUNE 5, 2025

Upon motion by Member Cox and seconded by Member Cordova, the Open Session meeting minutes of the Capital Committee’s meeting held on June 5, 2025, were unanimously approved.

UPDATE - MDTA ASSET MANAGEMENT PROGRAM UPDATES

Mr. Howard and Mr. Odeh provided to the Capital Committee an Overview of the MDTA – Capital Committee Asset Management Updates providing an overview of what Asset Management is, how it is achieved and developed, and a view of the policy, portfolio and strategic plans.

**UPDATE - UNDERSTANDING STREAM RESTORATION; CONCEPTS, SUCCESSES,
AND LOCAL CASE STUDIES**

Ms. McCarthy provided to the Capital Committee an Overview of Understanding Stream Restoration which explained common features to look for, why restoration matters, the complex and ever evolving challenges, the current projects showing before and after pictures of pre and post plantings.

There being no further business, the meeting of the MDTA Capital Committee was adjourned by consensus at 9:49 a.m. following a motion by Member Snead and seconded by Member Cox.

The next meeting of the MDTA Capital Committee is scheduled for Thursday, September 4, 2025, at 9:00 am, this meeting will be virtual conducted via livestream.

APPROVED AND CONCURRED IN:

Mario J. Gangemi, Chairman

TAB 2



Office of Engineering & Construction
Environmental Engineering Discipline

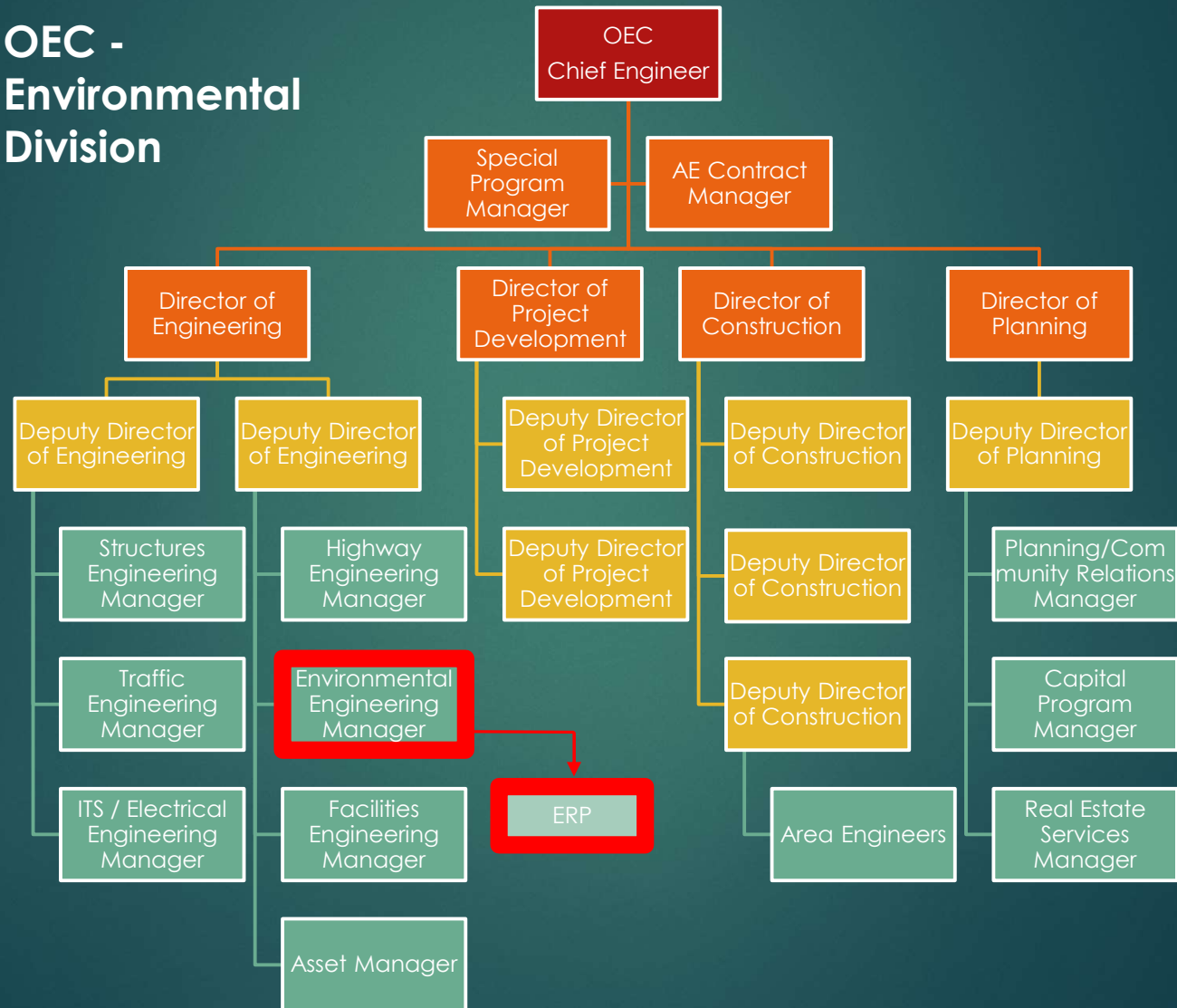
Environmental Review and Permitting Overview

Tigstu Belay, P.E.
Env. Review and Permitting Lead (ERPL)
MDTA

September 04, 2025

ERP Program Overview

OEC - Environmental Division



ERP Program Overview

- Support PM teams across OEC+ in Delivery of Constr. Projects
- Manage and track permitting MDTA-wide
 - Maintaining MDTA WQ Bank
 - Reporting for Phase II MS4 Permit Compliance
 - Managing resources and serving as liaison with Agencies
 - Managing MOUs/ MOA's/ General Approvals

Projects Environmental Permitting

- Protection of env. Resources
- Sets requirements on design & construction compliance
- Checklist in MDTA's IFB template
- Two environmental permitting areas



Maryland Transportation Authority

INSERT CONTRACT DESCRIPTION HERE

CONTRACT PROVISIONS

Contract No. *Insert Contract # Here*

2 of 2

Environmental Permit	Permit Requirement and Status	Permit ID	Expiration Date
<i>Sediment Control, Stormwater Management, and Dam Safety</i>			
**MDE Sediment Control and Stormwater Management Plan Approval	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Anne Arundel Co. Sediment Control and Stormwater Management Plan Approval	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
MDE Construction General Permit (20-CP)	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
MDE Dam Safety Permit	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
<i>Natural Resources Permitting</i>			
MDE Non-Tidal Wetlands and Waterways Authorization	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
MDE Water Quality Certification	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
MDE Tidal Wetlands Authorization	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
U.S. Army Corps of Engineers Authorization	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
U.S. Coast Guard Permit	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
MDE Water Appropriations Permit for Ground Water	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Critical Area Commission Approval	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Maryland Roadside Tree Permit	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Maryland Reforestation Law Approval	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Maryland Forest Conservation Act Approval	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		
Other	<input type="checkbox"/> TBD <input type="checkbox"/> No <input type="checkbox"/> Yes - Pending <input type="checkbox"/> Yes - Issued		

**MDE – Maryland Department of Environment

Sediment Control & Stormwater Management

Erosion and Sediment Control (ESC)

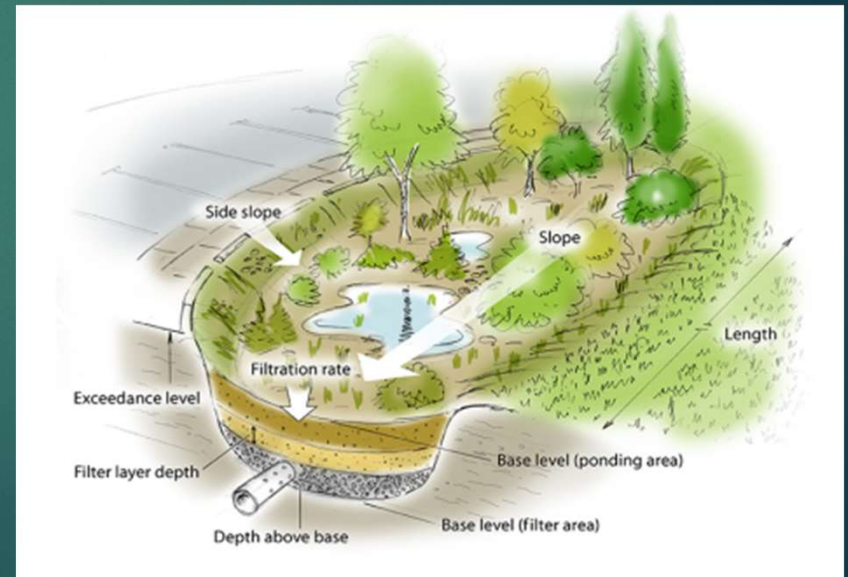
- ▶ Preventing discharge of sediment
- ▶ Mitigating construction phase adverse impacts
- ▶ Entails practices and control measures
- ▶ Trigger: 5,000 SF or 100 CY disturbance



Sediment Control & Stormwater Management

Stormwater Management (SWM)

- ▶ *Compensating for stormwater quality and quantity impacts*
- ▶ *Mitigating post construction adverse impacts*
- ▶ *Entails installing permanent facilities*
- ▶ *Trigger: 5,000 SF disturbance*



Review & Approval in Projects Delivery Process

Design NTP
TS&L (30%) Design Milestone

- ▶ Help define scope of services, screening
- ▶ Concept SWM plan dev't & approval

Semi-final (60%) &
Final (90%) Design Milestones

- ▶ Final SWM & ESC plans dev't & approval
- ▶ Construction General Permit Notice-of-Intent

PS&E (100%) Design Milestone

- ▶ Target (latest) milestone for Final approvals

Construction

- ▶ Pre-construction meeting
- ▶ Modifications, inspections, reporting

Close-out

- ▶ As-built acceptance and permit close-out

Review & Approval Process Stakeholders

Designer

- ▶ Eng design
- ▶ Application packages
- ▶ Address comments

ERP Team

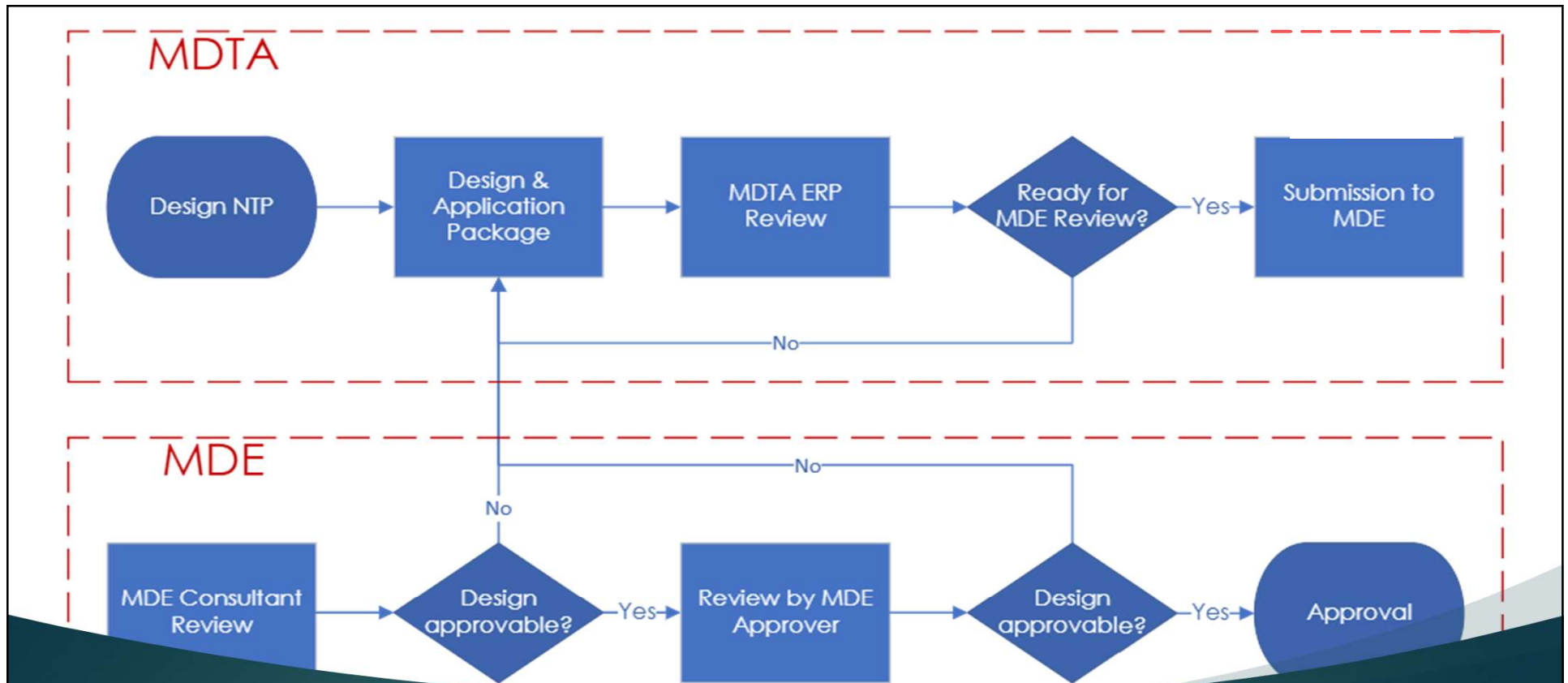
- ▶ Guidance to PM/ Designer
- ▶ Review as asset owner
- ▶ Liaison w/ agencies
- ▶ Assign reviewers
- ▶ Compliance reporting

Consultant Reviewers

- ▶ 'Expedited' review
- ▶ Coordinate w/ Agency staff

Regulatory Agency Staff

- ▶ Review and issue Approvals
- ▶ Interpretation on policies, manuals, guidelines, etc.



Review & Approval Process Workflow

Challenges

- ▶ *Unpredictable review turnaround times at Regulatory Agencies*
- ▶ *Continuously evolving regulations*
- ▶ *QA/QC issues with submissions*
 - *Quality of design*
 - *Response to Regulatory Agency comments and concerns.*

Ideas for Improvement

- ▶ *Collaboration with Regulatory Agencies*
- ▶ *Project Management: set clear expectations and targets, track performance and progress, identify challenges, etc.*
- ▶ *Procedural improvements*
 - *Guidelines, forms, checklists*
 - *Trainings, presentations, and accessible repository*
- ▶ *Innovative Solutions*
 - *General Approvals*

SWM Facilities

Micro-bioretention at I-695 MP 46.9



SWM Facilities

Micro-pool Extended Detention Pond at I-95 MP 63.6



Questions

Thank you!

Tigstu Belay, P.E.
Env. Review and Permitting Lead
OEC Env. Engineering Discipline
tbelay@mdta.maryland.gov
mdtaerp@mdta.state.md.us

TAB 3



Maryland Transportation Authority

Wes Moore, Governor
Aruna Miller, Lt. Governor
Samantha J. Biddle, Chair

Board Members:

Dontae Carroll	Cynthia D. Penny-Ardinger
Maricela Cordova	Jeffrey S. Rosen
William H. Cox, Jr.	Samuel D. Snead, MCP, MA
Mario J. Gangemi, P.E.	John F. von Paris

Bruce Gartner, Executive Director

MEMORANDUM

TO: Capital Committee
FROM: Executive Director Bruce Gartner
SUBJECT: Key Bridge Authorizations, Expenditures, and Reimbursements
DATE: September 4, 2025

PURPOSE OF MEMORANDUM

To provide the Capital Committee with an update regarding Francis Scott Key (Key) Bridge Rebuild funding authorizations, expenditures, and reimbursements.

KEY TAKEAWAYS

- So far, the Maryland Transportation Authority (MDTA) Board has authorized \$421 million in funding for the construction of the Key Bridge Rebuild.
- Based on preliminary closeout figures, as of June 30, 2025, \$147.9 million in State Funds (MDTA and State Highway Administration) were spent for the Key Bridge Rebuild Project. This includes costs for the initial salvage and debris removal efforts, as well as the permanent rebuilding of the Key Bridge. Except for certain ineligible project costs, these costs are expected to be covered by insurance proceeds, offsetting revenue (material recycling), or federal funds.
- To date, a total of \$60 million in Federal Highway Administration (FHWA) Quick Release Emergency Relief (ER) funds have been made available to the project. Of the \$60 million in FHWA ER funds, \$20.7 million has been used to reimburse federally eligible project costs. Additionally, \$25 million in eligible salvage and debris project costs have been applied toward insurance proceeds. There are currently \$33.3 million in expenses under review for FHWA ER funding eligibility and \$42.4 million in expenses under review for insurance proceeds and recycling revenue eligibility.

SUMMARY

To date, the MDTA Board has authorized \$421 million in funding for the construction of the Key Bridge Rebuild. As shown in the table below, most of the work authorized has been for the not-to-exceed advance work packages.

Procurement	Date	Description	Amount Authorized
Award	8/29/24	Phase 1 – Project Development Services	\$73,000,000
Change Order 1	1/28/25	Test Pile Procurement	10,604,457
Change Order 2	4/24/25	Load Test Program	32,352,283
Change Order 3	7/31/25	Funding to achieve 70% design	55,000,000
Contract Modification #1	5/29/25	Phase 2 Early Work Packages (Not-to-Exceed Amount)	250,000,000
		Total	\$420,956,740

Key Bridge Rebuild Expenditures

As shown in the table below, based on preliminary closeout figures, as of June 30, 2025, \$147.9 million in State funds were spent for the Key Bridge Rebuild Project. This includes costs incurred by both the MDTA and the State Highway Administration for the initial salvage and debris removal efforts, as well as for the permanent rebuilding of the Key Bridge. These costs are expected to be covered by insurance proceeds, offsetting revenue (material recycling), or federal funds, except for certain ineligible main channel debris removal costs. For federally eligible project costs that will ultimately be paid for with federal funds, non-federal funding sources will be used to initially fund project expenses and manage cash flow requirements until federal reimbursement for those costs is received.

Cost Component	Spend-to-Date
Salvage & Debris Removal	\$77,424,449
Progressive Design Build Contract Phase I	58,106,386
General Engineering Contracts	10,586,737
Other Consultant & State Costs	891,343
MDTA & SHA Staffing Costs	843,030
Total	\$147,851,946

FHWA ER Funds

As shown in the table below, a total of \$60 million in FHWA Quick Release ER funds have been made available to the project. Of this amount, \$20.7 million has been used to reimburse the MDTA for federally eligible project costs. Currently, the MDTA has \$33.3 million in eligible project costs under review for FHWA ER funding availability.

Invoice Date	Description	Funding Source	Invoiced Amount	Date Payment Received
12/12/2024	Salvage and Debris Removal Contractor Costs	FHWA Release ER Funds	\$10,000,000	12/14/2024
4/4/2025	Kiewit Rebuild Contractor Costs (Invoices 1-4)	FHWA Release ER Funds	\$10,698,900	4/30/2025
Total FHWA ER Funds			\$20,698,900	

Insurance Proceeds and Recycling Revenue

The MDTA will be applying the full \$350 million in insurance proceeds (plus interest) and a portion (\$2.9 million) of the \$4.2 million received in recycling revenue toward federally eligible project costs. The remaining \$1.3 million in recycling revenue will be applied toward project costs that are ineligible for federal funding. As shown in the table below, \$25 million in eligible salvage and debris removal project costs have already been applied toward insurance proceeds. Currently, the MDTA has \$42.4 million in federally eligible project costs under review for insurance proceeds and recycling revenue funding eligibility.

Invoice Date	Description	Funding Source	Invoiced Amount	Date Funding Released
12/10/2024	Salvage and Debris Removal Contractor Costs	Insurance Proceeds	\$25,000,000	12/11/2024