

# IMPROVE I-70

*Industry Meeting*

*May 1, 2025*





Funding of I-70 at \$2.8 Billion  
May 31, 2023



# INFRA/MEGA Grant

- **Awarded \$93 million:**
  - Truck Parking
  - Outer Roads
  - ITS
  - Data Driven Safety
  - Smart Work Zone
  - Speed Management
  - Wrong Way Technology
  - Wildlife Crossings
  - Solar
- Grant agreement is complete.
- Majority of funds have been allocated.

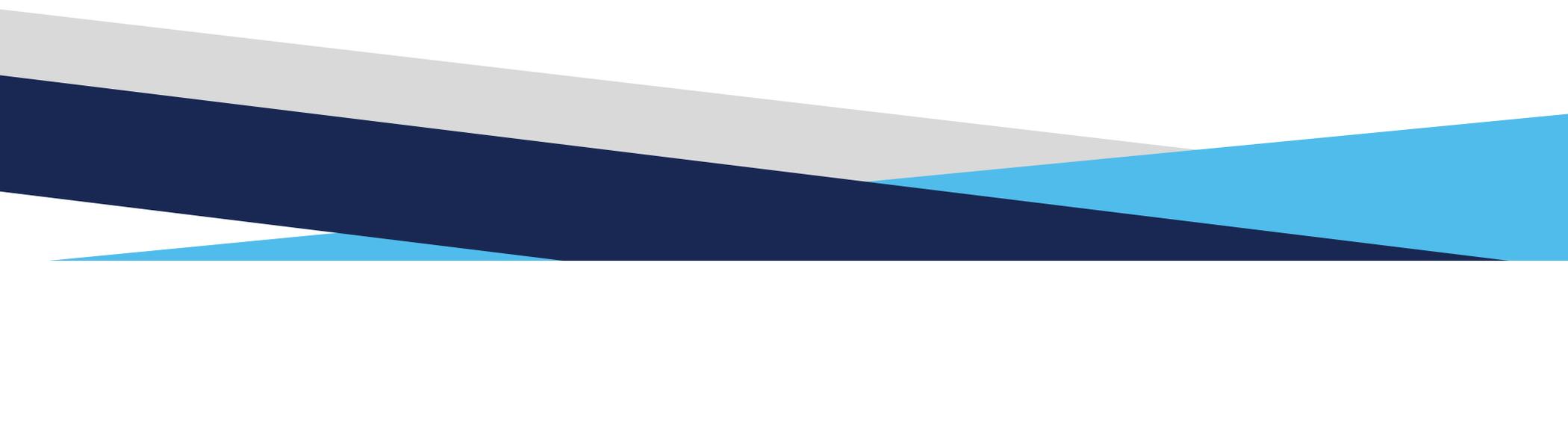
## Improve I-70 - Final Schedule

Project	Limits	Miles	GR Funds	STIP	Total	Procurement Method	Issue RFP/ Letting Process	Project Award	Completion	Duration
1	Columbia to Kingdom City	20	\$297m	\$129m	\$426m	DB	SEP 2023	FEB 2024	DEC 2027	46 Months
2	Warrenton to Wentzville	19	\$434m	\$200m	\$634m	DB	JUN 2024	NOV 2024	DEC 2028	49 Months
3	Blue Springs to Odessa	18-28	\$324m	\$43m	\$367m	DB	DEC 2024	May 2025	DEC 2028	43 Months
4	Rocheport to Columbia	14	\$399m	\$41m	\$440m	DB	JUN 2025	NOV 2025	DEC 2029	49 Months
5	Boonville to Rocheport	13				DBB	JAN 2026 Letting	FEB 2026	DEC 2027	22 Months
TP	Truck Parking	0	\$0	\$0	\$25m	DB	JAN 2026	APR 2026	APR 2028	48 Months
6	Kingdom City to Warrenton	44	\$561m	\$22m	\$583m	DB	JUN 2026	NOV 2026	DEC 2030	49 Months
7	Odessa to Concordia	10-20				DBB	JUN 2027	JUL 2027	DEC 2029	29 Months
8	Concordia to Boonville	42	\$525m	\$16m	\$541m	DB	JAN 2027	MAY 2027	DEC 2030	43 Months

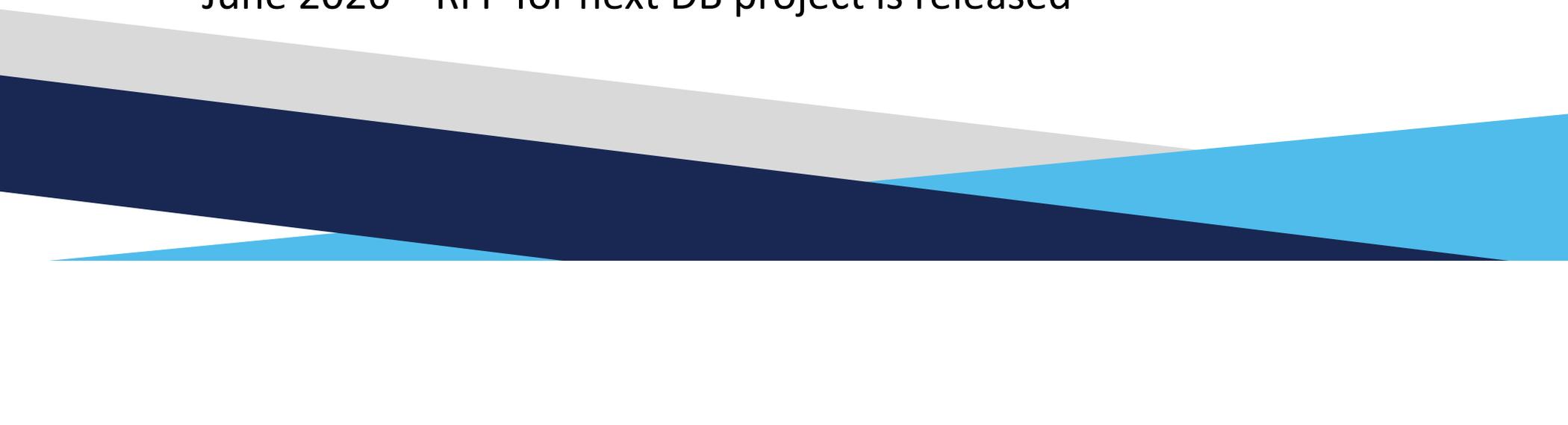
# UPCOMING SOLICITATIONS

- Solar & NEVI
    - Solar on ROW funded by INFRA
    - NEVI Implementation
    - July 7<sup>th</sup> – Issue RFQ
    - July 29<sup>th</sup> – Solicitation Due
    - Early August Selection
- 

# UPCOMING SOLICITATIONS

- Future Bid-Build
    - Mainline Expansion – West Side
    - Length TBD – Limits to be announced May 8<sup>th</sup> on the Industry Site
    - July 7<sup>th</sup> – Issue RFQ
    - July 29<sup>th</sup> – Solicitation Due
    - Early August Selection
    - Early 2027 Letting
- 

# UPCOMING SOLICITATIONS

- Rural Expansion Design-Builds – Projects 6 & 8
    - 1 Owner-Engineer for both projects
    - August 19<sup>th</sup> – Issue RFQ
    - August 26<sup>th</sup> – Industry Q&A Day – Virtual Option or Jeff City
    - September 16<sup>th</sup> – Solicitation Due
    - Early October Selection
    - June 2026 – RFP for next DB project is released
- 

# PROJECT #5 UPDATE

## Boonville to Rocheport



- 13 mile rebuild and expansion in Cooper County
- Includes 2 bridge widenings over Union Pacific RR
- City of Boonville Cost Share – Roundabout at Route B & Americana
- Contractor engagement outreach

# PROJECT #5 UPDATE

## Boonville to Rocheport

Concrete Option	Base	Subgrade
<ul style="list-style-type: none"> <li>• 11" JPCP</li> <li>• 15' joints</li> <li>• 1 ½" dowels</li> <li>• 13.5' widened slab</li> </ul>	12" Rock Base	Chemical or mechanically modified subgrade.
Asphalt Option	Base	Subgrade
<ul style="list-style-type: none"> <li>• 2" SP125BSM w/PG 76-22 over</li> <li>• 2" SP125B w/PG 76-22 over</li> <li>• 9.5" SP250C w/PG 64-22</li> </ul>	18" Rock Base	Chemical or mechanically modified subgrade.
<ul style="list-style-type: none"> <li>• 2" SP125BSM w/PG 76-22 over</li> <li>• 2" SP125B w/PG 76-22 over</li> <li>• 10.5" SP250C w/PG 64-22</li> </ul>	12" Rock Base	Chemical or mechanically modified subgrade.



# PROJECT #4 UPDATE

## Rocheport to Columbia



Contract Budget: \$425m  
Stipend: \$1,250,000

# PROJECT #4 GOALS

## Rocheport to Columbia

1. Deliver the project by December 31, 2029 within the program budget.
2. Provide an additional lane of travel in each direction on I-70 from Rocheport to Columbia.
3. Modernize I-70 while improving pavement, bridges, and interchanges to provide better traffic flow and movement of freight.

# PROJECT #4 GOALS

## Rochepoint to Columbia

4. Minimize construction impacts with a focus on work zone safety, communication, and construction staging while maintaining mobility.
5. Provide expanded employment opportunities while developing and using a diverse workforce.

# **PROJECT #4 Schedule**

## **Rocheport to Columbia**

- 5/1/2025 – Request for Qualifications
- 5/29/2025 – Statement of Qualifications Due
- 6/5/2024 – Shortlisted Teams
- 6/9/2025 – Issue Request for Proposals
- 6/11/2025 – Kick Off Meeting
- 6/23-10/23/2025 – Technical Discussions
- 11/14/2025 – Final Proposal Submittal
- 12/3/2025 – Selection of Apparent Best Value
- 12/31/2029 – Project Completion

# DBE Goals

- DBE Goals
  - 10% Professional Services
  - 7% Construction
  - 3 OJT



# Draft ITP – Scoring

- Project Definition – 70 Points
- Maintenance of Traffic – 25 Points
- Workforce Development – 5 Points
- Traffic/Safety Modeling
  - Required at interchanges with modifications

# Configuration Requirements

- The Contractor shall construct a third lane in each direction on I-70 between mile marker 115.6 and mile marker 128, and improve all mainline and impacted ramp pavement within the Project limits.
- The Contractor shall improve the Route 163 and Route 763 interchanges to reduce mainline weaving.
- The Contractor shall provide an outer road connection across Perche Creek.

# Configuration Requirements - Route 163 and Route 763



# Configuration Requirements - Perche Creek



# Configuration Requirements

- Contractor shall perform work on all bridges in accordance with Book 2 Section 15.
- All work is to be constructed within the Right of Way shown in Book 4, except for additional Right of Way or Permanent Easements as allowed in Book 2 Section 8.
- Access to all properties must be maintained at all times.

# Request for Qualifications

- Submitter Experience (60 Points)
  - Executive Summary
  - 3 Reference Projects maximum
- Key Personnel (40 Points)
  - Project Manager
  - Quality Manager
  - Design Manager
  - Maintenance of Traffic Manager

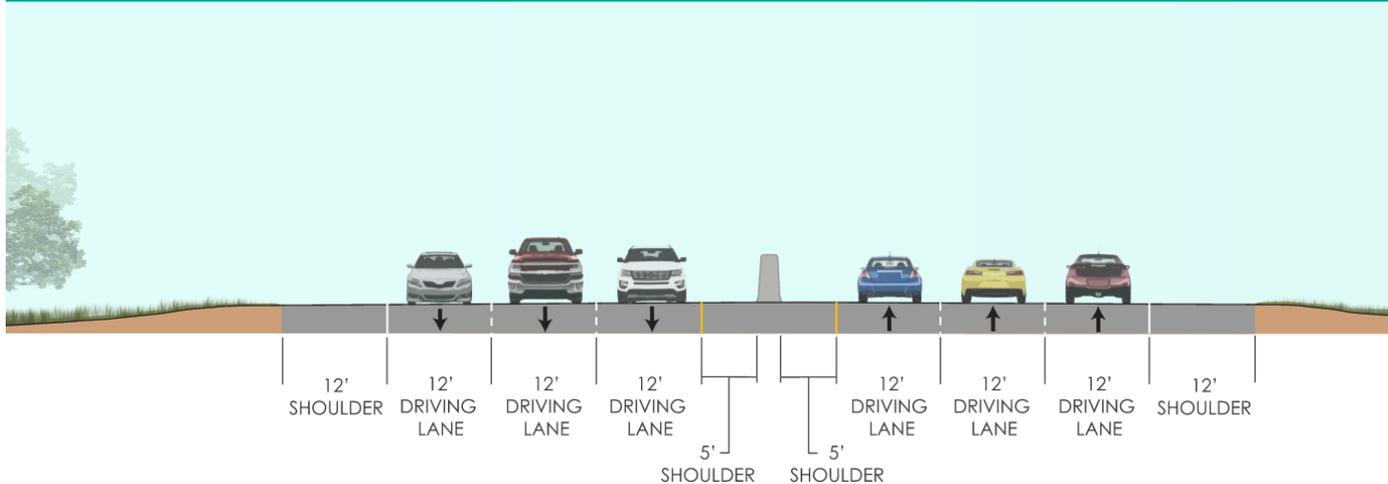
# Ineligible Firms

- The following firms are assisting MoDOT with project procurement and are ineligible to compete:
  - CDM Smith
  - Gannett Fleming TranSystems
  - TREKK Design Group

# I-70 Typical Section

- Conceptual Design
- Shoulder Width Design Exception  
12' Outside and 5' Median Shoulder

Interstate 70: Base Concept Typical Section



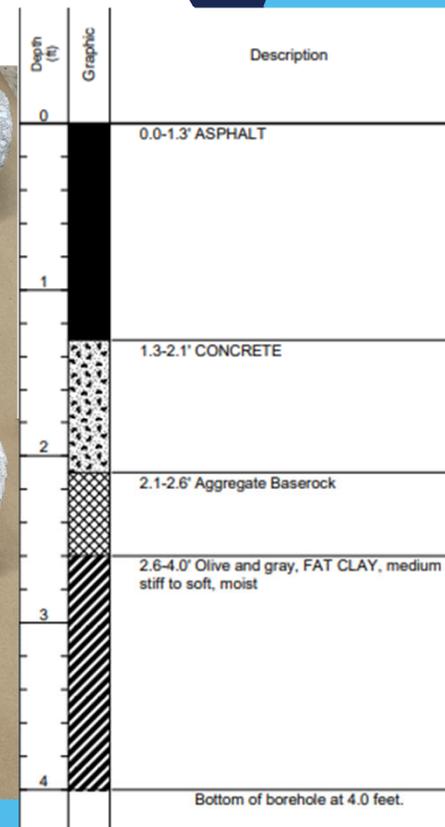
# I-70 Bridges

- 16 Bridges
  - 9 Mainline Bridges
    - 2 Water Crossings (Perche Creek)
  - 7 Overhead Bridges
    - 1 Pedestrian (Providence Rd.)
    - 1 COLT Railroad/Trail
- Hydraulic Models



# Pavement Condition

- Pavement Cores
- Dynamic Cone Penetration (DCP)
- 4-19 Inches Asphalt over Original Concrete
- Subgrade – cohesive soils, fat clays



# Pavement Type Selection

Location	New Pavement Options		
	Base Type	HMA Design	PCCP Design
I-70 Phase 4 (Rocheport to Columbia)	18" Rock Base over modified subgrade	<u>14.5" HMA</u> 2" SP125BSM w/ PG 76-22 Over 2" SP125B w/ PG 76-22 Over 10.5" SP250C w/ PG 64-22	<u>11" JPCP Widened Slab</u> 15 ft. joint spacing, 1.5" dowels
	12" Rock Base over modified subgrade	<u>15" HMA</u> 2" SP125BSM w/ PG 76-22 Over 2" SP125B w/ PG 76-22 Over 11.5" SP250C w/ PG 64-22	<u>11" JPCP Widened Slab</u> 15 ft. joint spacing, 1.5" dowels
	6" Type 7 Aggregate Base Over Rubblized 8" PCCP	<u>15" HMA</u> 2" SP125BSM w/ PG 76-22 Over 2" SP125B w/ PG 76-22 Over 11.5" SP250C w/ PG 64-22	11" JPCP Widened Slab 15 ft. joint spacing, 1.5" dowels
	<b>Temporary Pavement (1-year design life) (Rebuild Shoulders)</b>		
	18" Rock base over modified subgrade	<u>9" HMA</u> 4" SP125C w/ PG 76-22 over 5" SP250C w/ PG 64-22	<u>8.5" PCCP</u> 15' joints; 1 ¼" dowels, and widened slab
	12" Rock Base over modified subgrade	<u>9.5" HMA</u> 4" SP125C w/ PG 76-22 over 5.5" SP250C w/ PG 64-22	<u>8.5" PCCP</u> 15' joints; 1 ¼" dowels, and widened slab

# Challenges

- Utility Coordination – Lumen
- COLT Railroad
- Environmental Clearances
- Right of Way Acquisitions
- Construction Staging/Incident Management
- Coordination with adjacent projects



# Information Release

- Pavement Type Selection and Core Report
- Access Justification Report (AJR)
- SIU 4 EIS Re-evaluation
- Survey and Topo Files
- ROW
- Existing alignment
- Draft ITP
- Draft Configuration Requirements



# Industry SharePoint

- Improve I-70 Program Early Release
  - Request access via email to [ImproveI70@modot.mo.gov](mailto:ImproveI70@modot.mo.gov)
- Email notices go out when new information is being posted



The screenshot displays the 'Improve I-70' SharePoint site. At the top left is the 'IMPROVE I-70' logo. To the right, it says 'Missouri Department of Transportation' and 'Improve I-70'. Below this is a 'Documents' library view with a table of files and folders.

Name	Modified
Early Release	July 13, 2023
DesignBuild_COI_Guidelines.docx	August 25, 2023
Early_Release_Index.docx	March 15

# Contact Information

- Project #4 Questions:
  - Spencer Robinson: 573-508-4656
  - [Spencer.Robinson@modot.mo.gov](mailto:Spencer.Robinson@modot.mo.gov)





# Questions?

- Improve I-70 Public Webpage
  - <https://www.modot.org/improvei70/home>

# Networking

- Red Tag – Contractor
- Green Tag – Consultant
- Blue Tag – Producer / Supplier
- Orange Tag – DBE
- Purple Tag – Other

