

# STATE OF COLORADO

## DEPARTMENT OF TRANSPORTATION

Division of Accounting and Finance  
 4201 East Arkansas Avenue  
 Denver CO 80222  
 (303) 757-9262



DATE: May 1, 2013  
 TO: Bridge Enterprise Board of Directors  
 FROM: Ben Stein, CFO  
 SUBJECT: Proposed 12th Supplement to the FY 2013 Bridge Enterprise Budget

Enclosed is the proposed Twelfth Supplement to the FY 2013 Bridge Enterprise Budget.

### REGION 1

- \$39,500,000 – 2014 Advancement of Funding for the ROW, Design, Environmental and Miscellaneous of the I-70 Viaduct in Denver County. To establish preconstruction phases for preliminary ROW activities and acquisition, UPRR bridge design and offsite drainage, environmental activities and a Miscellaneous phase that will fund the Bridge Enterprise portion of the financial advisory services being obtained for larger I-70 project. (19631/10001....)

**I-70 Viaduct in Denver County**  
**Structure (number to be determined) replacing structure E-17-FX**  
**Current Budget Components by Phase, Funding Program, Fiscal Year**

Phase of Work	Funding Program	Budget from Prior Years	Budget FY 2013	Total Budget To-Date	12th BE Supplement	Revised Budget	Expended To-Date
<b>ROW</b>	<i>FASTER Funds</i>	\$0	\$0	\$0	\$30,950,000	\$30,950,000	\$0
	<b>Total ROW</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,950,000</b>	<b>\$30,950,000</b>	<b>\$0</b>
<b>Design</b>	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$2,275,000	\$2,275,000	\$0
	<i>FASTER Funds</i>	\$0	\$0	\$0	\$2,275,000	\$2,275,000	\$0
	<b>Total Design</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,550,000</b>	<b>\$4,550,000</b>	<b>\$0</b>
<b>Environmental</b>	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0
	<i>FASTER Funds</i>	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0
	<b>Total Environmental</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$0</b>
<b>Miscellaneous</b>	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0
	<i>FASTER Funds</i>	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0
	<b>Total Miscellaneous</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$0</b>
<b>Total Project Budget</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$39,500,000</b>	<b>\$39,500,000</b>	<b>\$0</b>

**REGION 2**

- \$2,412,000 Construction – I-25 Business Route over the Sull Creek in Huerfano County. Establish construction budget for project. Advertisement June 2013 (19054/10001....)

**I-25 Business Route over the Sull Creek in Huerfano County  
 Structure N-17-BV to replace structure N-17-C  
 Current Budget Components by Phase, Funding Program, Fiscal Year**

Phase of Work	Funding Program	Budget from Prior Years	Budget FY 2013	Total Budget To-Date	12th BE Supplement	Revised Budget	Expended To-Date
ROW	<i>FASTER Funds</i>	\$0	\$10,000	\$10,000	\$0	\$10,000	\$900
	<b>Total ROW</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$900</b>
Utilities	<i>Bond Proceeds</i>	\$0	\$10,000	\$10,000	\$0	\$10,000	\$0
	<b>Total Utilities</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$0</b>
Design	<i>Bond Proceeds</i>	\$0	\$707,000	\$707,000	\$0	\$707,000	\$169,164
	<b>Total Design</b>	<b>\$0</b>	<b>\$707,000</b>	<b>\$707,000</b>	<b>\$0</b>	<b>\$707,000</b>	<b>\$169,164</b>
Construction	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$2,412,000	\$2,412,000	\$0
	<b>Total Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,412,000</b>	<b>\$2,412,000</b>	<b>\$0</b>
<b>Total Project Budget</b>		<b>\$0</b>	<b>\$727,000</b>	<b>\$727,000</b>	<b>\$2,412,000</b>	<b>\$3,139,000</b>	<b>\$170,064</b>

- \$3,156,000 Construction – SH69 ML over Milliken Arroyo in Huerfano County. Establish construction budget for project. Advertisement June 2013 (19055/10001....)

**SH69 ML over Milliken Arroyo in Huerfano County  
 Structure M-16-R to replace structure M-16-P  
 Current Budget Components by Phase, Funding Program, Fiscal Year**

Phase of Work	Funding Program	Budget from Prior Years	Budget FY 2013	Total Budget To-Date	12th BE Supplement	Revised Budget	Expended To-Date
ROW	<i>FASTER Funds</i>	\$0	\$5,000	\$5,000	\$0	\$5,000	\$300
	<b>Total ROW</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$300</b>
Design	<i>Bond Proceeds</i>	\$0	\$722,000	\$722,000	\$0	\$722,000	\$131,731
	<b>Total Design</b>	<b>\$0</b>	<b>\$722,000</b>	<b>\$722,000</b>	<b>\$0</b>	<b>\$722,000</b>	<b>\$131,731</b>
Construction	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$3,156,000	\$3,156,000	\$0
	<b>Total Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,156,000</b>	<b>\$3,156,000</b>	<b>\$0</b>
<b>Total Project Budget</b>		<b>\$0</b>	<b>\$727,000</b>	<b>\$727,000</b>	<b>\$3,156,000</b>	<b>\$3,883,000</b>	<b>\$132,031</b>

**REGION 3**

\$441,000 ROW – SH82 ML over I-70 ML, Colorado River and Rail Road in Garfield County. Establish initial ROW budget for in-house personnel and consultant services as well as on-site property investigations. Additional funds will be requested at a later date for parcel acquisitions and relocation benefits. (18158/10001....)

**SH 82 ML (Grand Ave) over I-70 ML, Colorado River and Rail Road in Garfield County  
 Structure F-07-V replacing structure F-07-A  
 Current Budget Components by Phase, Funding Program, Fiscal Year**

<b>Phase of Work</b>	<b>Funding Program</b>	<b>Budget from Prior Years</b>	<b>Budget FY 2013</b>	<b>Total Budget To-Date</b>	<b>12th BE Supplement</b>	<b>Revised Budget</b>	<b>Expended To-Date</b>
<b>ROW</b>	<i>Bond Proceeds</i>	\$0	\$0	\$0	\$441,000	\$441,000	\$0
	<b>Total ROW</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$441,000</b>	<b>\$441,000</b>	<b>\$0</b>
<b>Environmental</b>	<i>Bond Proceeds</i>	\$5,015,357	\$2,640,000	\$7,655,357	\$0	\$7,655,357	\$3,210,840
	<i>FASTER Funds</i>	\$0	\$1,270,100	\$1,270,100	\$0	\$1,270,100	\$0
	<b>Total Utilities</b>	<b>\$5,015,357</b>	<b>\$3,910,100</b>	<b>\$8,925,457</b>	<b>\$0</b>	<b>\$8,925,457</b>	<b>\$3,210,840</b>
<b>Design</b>	<i>Bond Proceeds</i>	\$782,000	\$100,000	\$882,000	\$0	\$882,000	\$334,512
	<i>FASTER Funds</i>	\$0	\$848,300	\$848,300	\$0	\$848,300	\$0
	<b>Total Design</b>	<b>\$782,000</b>	<b>\$948,300</b>	<b>\$1,730,300</b>	<b>\$0</b>	<b>\$1,730,300</b>	<b>\$334,512</b>
<b>Total Project Budget</b>		<b>\$5,797,357</b>	<b>\$4,858,400</b>	<b>\$10,655,757</b>	<b>\$441,000</b>	<b>\$11,096,757</b>	<b>\$3,545,351</b>

**Resolution No. BE –**

**“BE IT RESOLVED, That the Twelfth Supplement to the Fiscal Year 2012-2013  
Budget is approved by the Bridge Enterprise Board.”**

**BRIDGE ENTERPRISE BOARD OF DIRECTORS**  
**Contingency Reserve Fund**

<b>Transaction Date</b>	<b>Transaction Description</b>	<b>Amount</b>	<b>Balance</b>
Jul-12	Contingency budget 2013	\$9,302,648	\$18,302,648
Jul-11	Contingency budget 2012	\$9,000,000	

# MEMORANDUM

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## DEPARTMENT OF TRANSPORTATION

### Office of Financial Management and Budget

4201 E. Arkansas Ave., Room 262  
Denver, CO 80222  
(303) 757-9204  
(303) 757-9656 - FAX



Date: May 3, 2013

To: Bridge Enterprise Board

From: Ben Stein

Subject: Bridge Enterprise FY14 Request for Funds for I-70 East Project

This month's meeting will include a workshop on additional funds needed in FY14 to support continued work on the viaduct-portion of the I-70 East project.

The attached PowerPoint explains the areas where additional funds are needed in FY14 along with FY15 and FY16. In order to explain the full scope of needs, the PowerPoint also includes funding needs beyond the area of the viaduct.



**I-70 East**

**Early Action Funding Needs**

**-DRAFT-**

May 2013



# Project Update and Status

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- **Draft EIS – November 2008**
  - **Recommendation of Preferred Alternative – April 2013**
  - **Supplemental Draft EIS – September 2013**
  - **Final EIS – July 2014**
  - **Record of Decision – July 2015**
  - **Project construction begins – 2016**
-



# Preferred Alternative

**Partial Cover  
Lowered Option**

**Current  
Alignment  
Alternative**

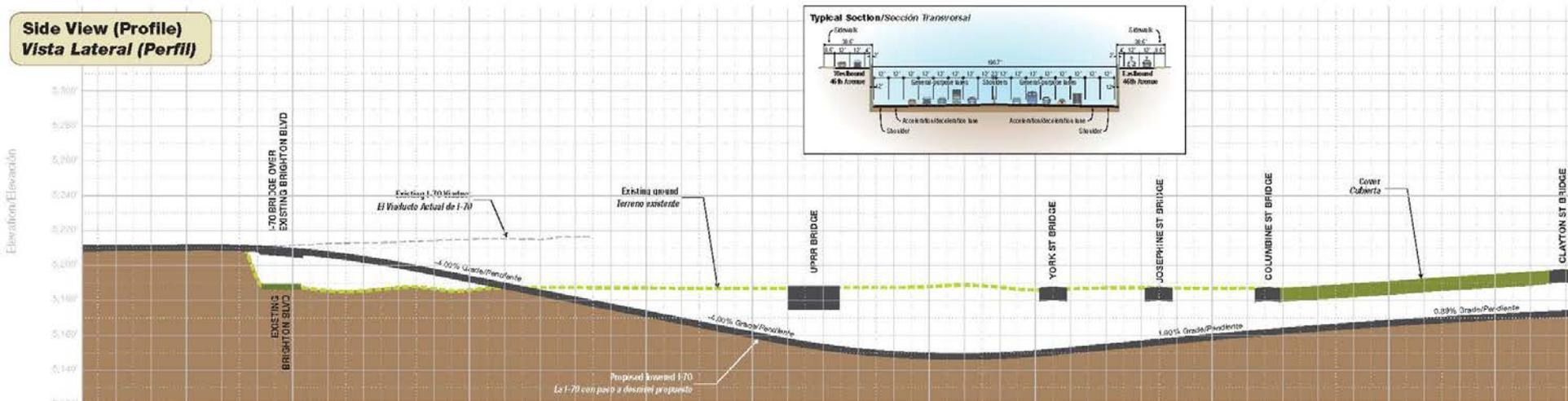


# Partial Cover Lowered Option

## Brighton Boulevard – Clayton Street

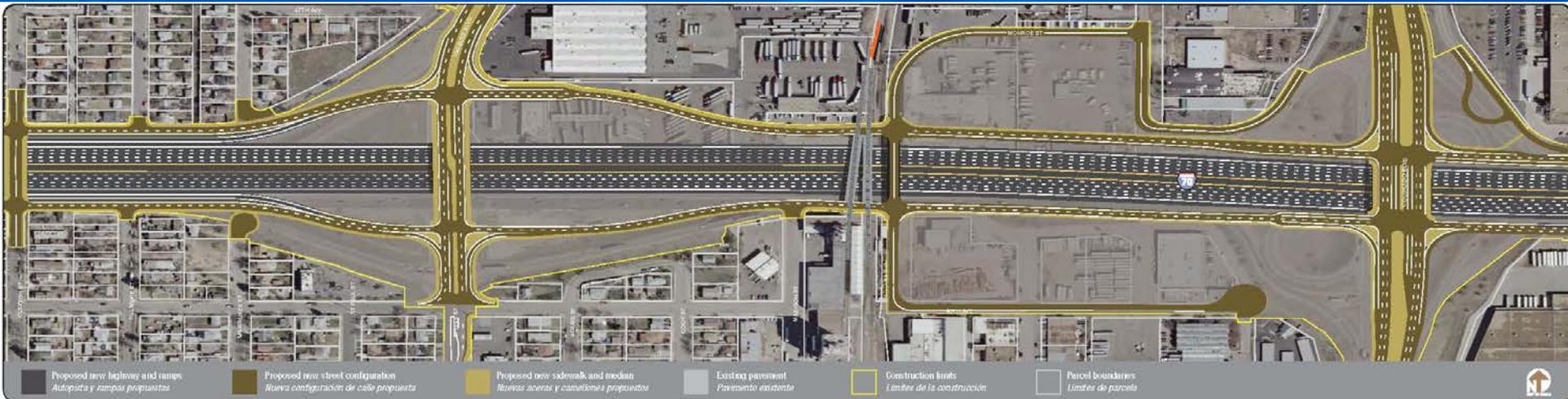


**Side View (Profile)  
Vista Lateral (Perfil)**

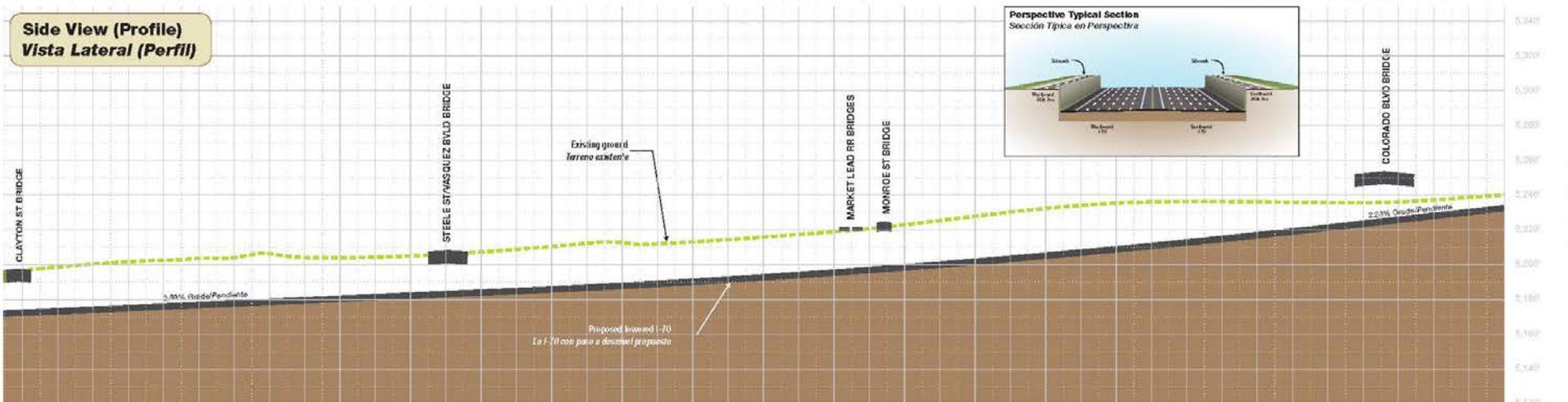


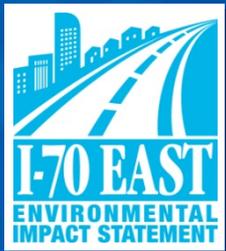
# Partial Cover Lowered Option

## Clayton Street – Colorado Boulevard



### Side View (Profile) Vista Lateral (Perfil)





## Preferred Alternative

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- **Estimated construction cost**
    - **I-25 to Colorado Boulevard**
      - Construction items: \$1,020 M**
      - ROW: \$50 M**
      - Total: \$1,070 M**
    - **Colorado Boulevard to Tower Road**
      - Construction items: \$810 M**
      - ROW: \$20 M**
      - Total: \$860 M**
    - **Grand Total: \$1,930 M**
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# Financial Feasibility Study

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- Preliminary results from Phase I
- Final results of Phase I complete July 2013



# Early Action Items

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- **I-270**
  - **Survey and ROW**
  - **Advanced Design**
  - **Procurement Activities**
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- **Improvements may provide up to 1 year time savings while I-70 is being constructed**
  - **Opportunity for managed lanes connection**
  - **Environmental clearance required and can be completed by I-70 East ROD (July 2015)**
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- **Cost: \$2.2 M**
  - **Anticipated date of need: 2013-2014**
    - **Decision document in 2015**
  - **Potential funding sources**
    - **Federal and state, non-BE \$\$**
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# Survey and Right-of-Way

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- **Topographic survey (aerial and ground)**
  - **Ownership map**
  - **ROWPR**
  - **Early ROW acquisitions**
  - **Hazardous materials clearance**
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# Survey and Right-of-Way

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## Topographic survey (aerial and ground)

- **Cost:**

Brighton to Colorado	\$0.5 M
Colorado to Tower	\$1.0 M
  - **Anticipated date of need: 2013-2014**
  - **Potential funding sources**
    - **FASTER funds for \$\$**
-



# Survey and Right-of-Way

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## Ownership map

- **Cost: \$1.5 M**
  - **Anticipated date of need: 2014**
  - **Potential funding sources**
    - **FASTER funds for \$\$**
-



# Survey and Right-of-Way

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## ROWPR

- **Cost: \$1.5 M**
  - **Anticipated date of need: 2015**
  - **Potential funding sources**
    - **FASTER funds for \$\$**
-



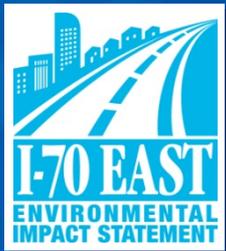
# Survey and Right-of-Way

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## Early ROW acquisitions

- **Cost:**

Brighton to Colorado	\$50.5 M
Colorado to Tower	\$20.4 M
  
  - **Anticipated date of need**
    - \$25 M in 2014, \$25 M in 2015, \$20.9 M in 2016
  
  - **Potential funding sources**
    - FASTER funds for \$\$
-



# Survey and Right-of-Way

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## Hazardous materials clearance

- **Cost: \$0.95 M**
  - **Anticipated date of need**
    - **\$0.45 M in 2015 and \$0.5 M in 2016**
  - **Potential funding sources**
    - **FASTER funds for \$\$**
-



# Advanced Design

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- **Advanced mitigation**
  - **UPRR bridge design**
  - **Offsite drainage outfall design**
-

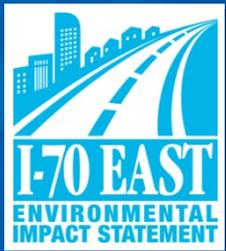


# Advanced Design

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**Advanced mitigation, design, construction and payments to providers (school, etc)**

- **Cost: \$10 M**
  - **Anticipated date of need: 2015**
  - **Potential funding sources**
    - **FASTER and bond proceeds for \$\$**
-



# Advanced Design

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## UPRR bridge design

- **Cost: \$4 M**
  - **Anticipated date of need**
    - **\$2 M in 2014 and \$2 M in 2015**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



# Advanced Design

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## Offsite drainage outfall design

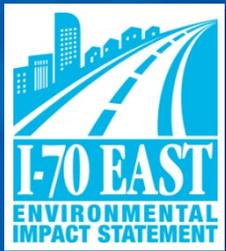
- **Cost: \$0.5 M**
  - **Anticipated date of need**
    - **\$0.25 M in 2014 and \$0.25 M in 2015**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



# Procurement Activities

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- **Financial resources and toll & revenue**
  - **Procurement engineering activities**
  - **Legal fees for procurement**
  - **Contractor stipends**
-



# Procurement Activities

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## Financial resources and toll & revenue

- **Cost: \$4 M**
  - **Anticipated date of need**
    - **\$2 M in 2014 and \$2 M in 2015**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



# Procurement Activities

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## Procurement engineering activities

- **Cost: \$6.5 M**
  - **Anticipated date of need**
    - **\$3.25 M in 2014 and \$3.25 M in 2015**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



# Procurement Activities

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## Legal fees for procurement

- **Cost: \$4 M**
  - **Anticipated date of need**
    - **\$2 M in 2014 and \$2 M in 2015**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-

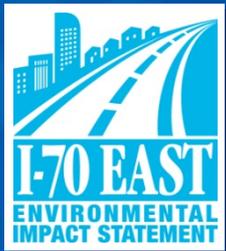


# Procurement Activities

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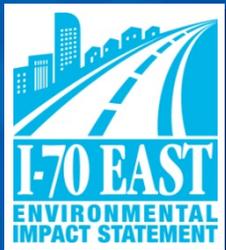
## Contractor stipends

- **Cost: \$5 M**
  - **Anticipated date of need: 2016**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



## Contingency (10 %)

- **Cost: \$11 M**
  - **Anticipated date of need**
    - **\$5.5 M in 2015 and \$5.5 M in 2016**
  - **Potential funding sources**
    - **FASTER and Bond proceeds for \$\$**
-



## **CDOT staff (10 % of total)**

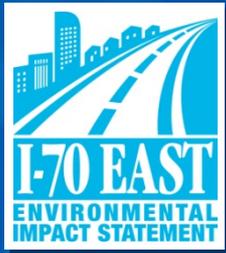
➤ **Cost: \$12.14 M**

➤ **Anticipated date of need**

- **\$4.05 M in 2014, \$4.05 M in 2015, and \$4.05 M in 2016**

➤ **Potential funding sources**

- **FASTER and Bond proceeds for \$\$**
-

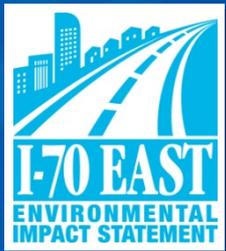


## Early Action Items

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➤ I-270	\$2.2 M
➤ Survey and ROW	\$76.35 M
➤ Advanced Design	\$14.5 M
➤ Procurement Activities	\$19.5 M
➤ Staff and Contingency (10%)	\$23.17 M
➤ Total	\$135.72 M

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# Early Action Items

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- **2014** **\$44 M**
    - \$\$ of XX source
    - \$\$ of XX
  
  - **2015** **\$56 M**
    - \$\$ of XX source
    - \$\$ of XX
  
  - **2016** **\$36 M**
    - \$\$ of XX source
    - \$\$ of XX
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## Next Steps

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- **Ongoing public and agency coordination**
  - **Coordination and results from financial analysis**
  - **Refine ROW and advanced design**
  - **Begin procurement activities**
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