ACEC Riverside/San Bernardino Chapter Meeting

April 18, 2019

Tim Byrne, PE Project Delivery Manager

sb



Henry Stultz, PE

Construction Manager

San Bernardino County Transportation Authority





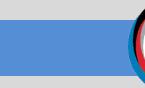
Agenda



- 1989 Original Measure I passed
 - ½ cent sales tax, 1990-2010
 - ~\$1.8B collected/invested
 - Metrolink
 - SR-71
 - SR-210

Measure I

- I-10, SR-60, I-215 widening
- Transit operations support



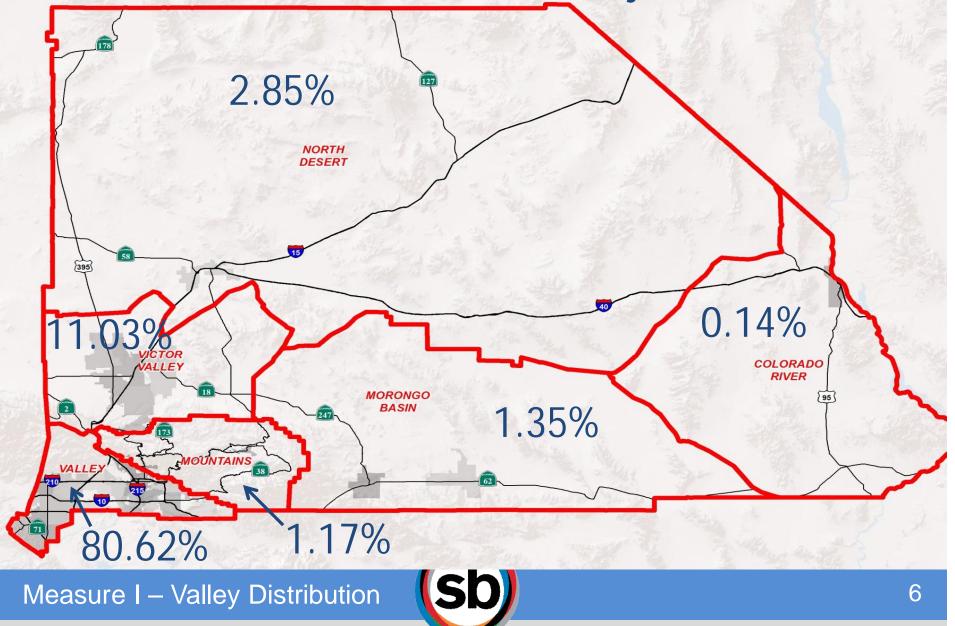
- 2004 Measure I extension passed
 - ½ cent sales tax, 2010-2040
 - Revenue estimates ranged from \$6-\$8B

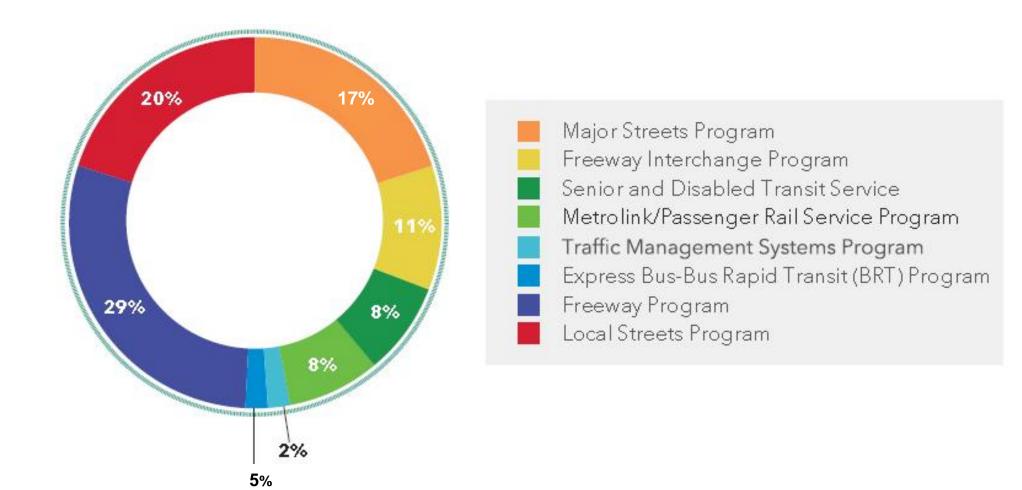
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Measure I Boundaries San Bernardino County

Cajon Pass – 2.83%









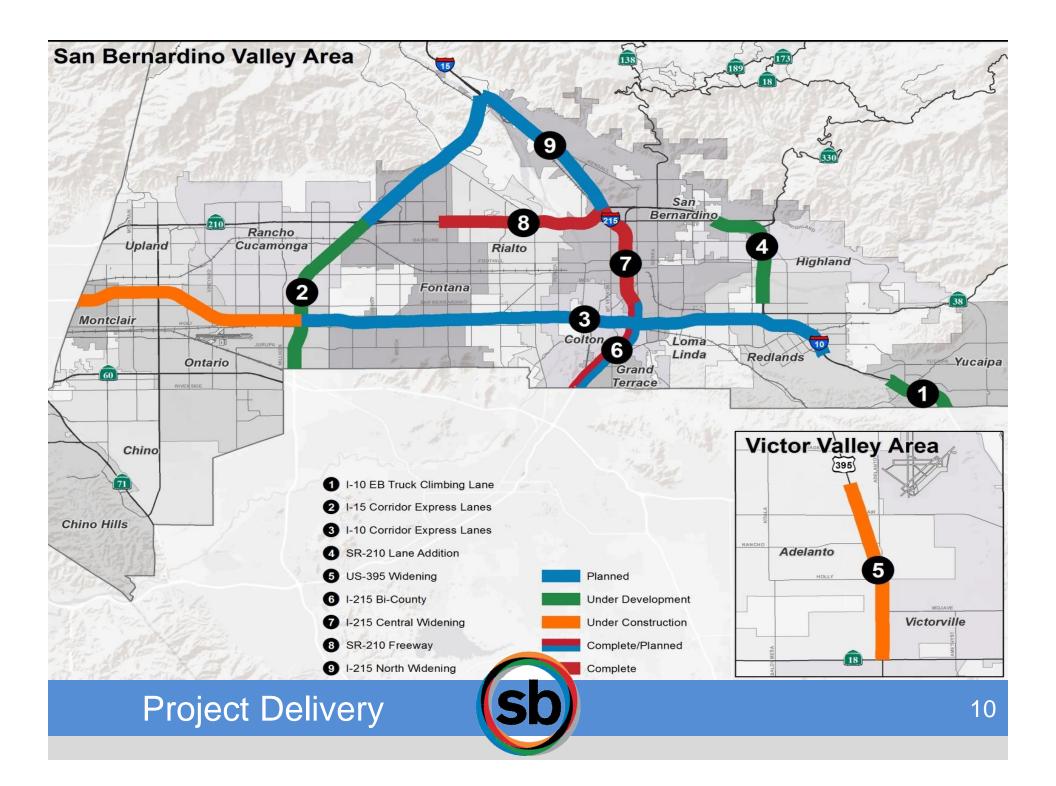


Responsible for development/ construction of highway improvements:

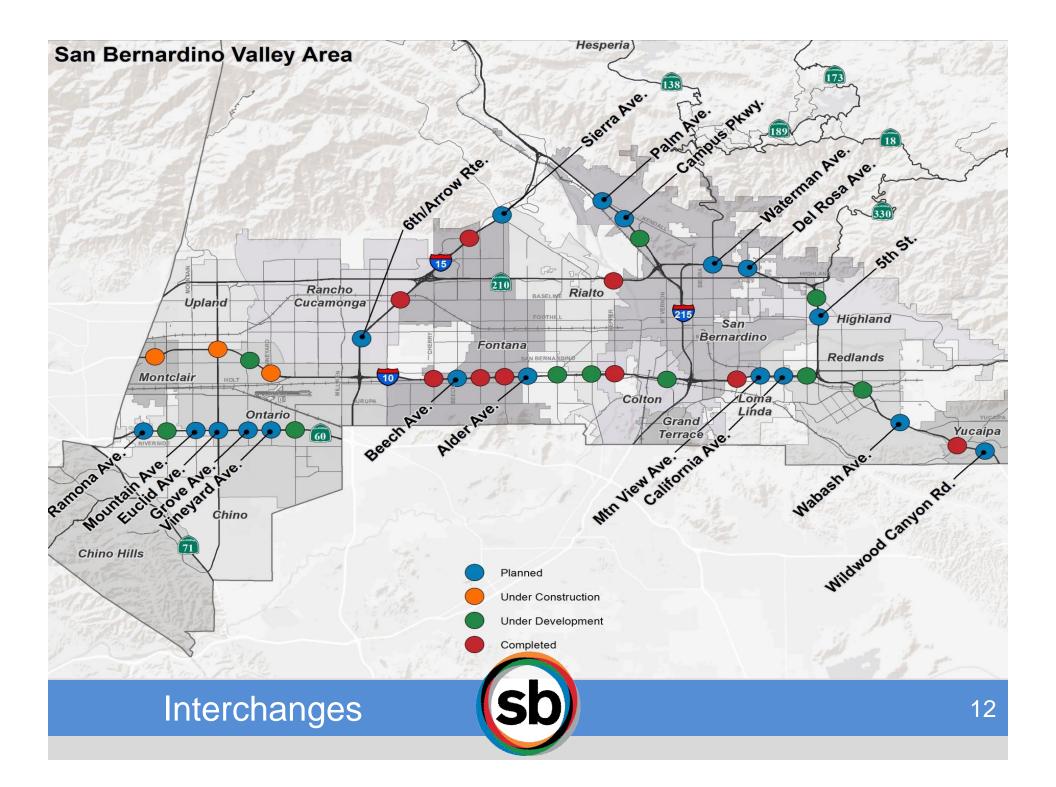
- Freeways/Highways
- Interchanges
- Railroad Grade
 - Separations

Project Delivery



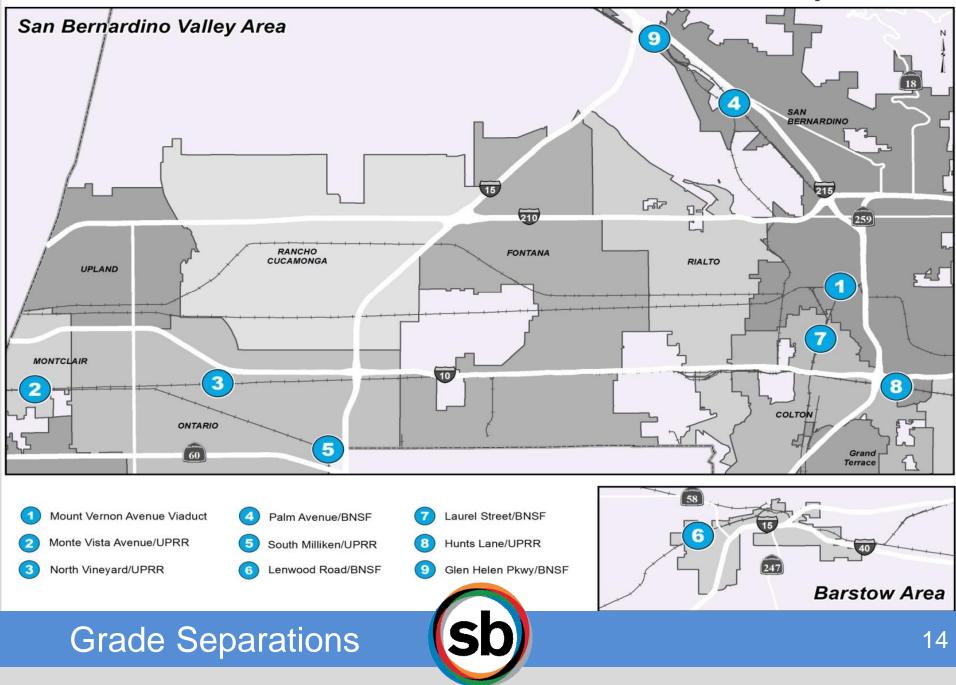








Grade Separations





Agenda

Upcoming Request for Proposals (for Construction Management Services)

- I-10 / Cedar Interchange
- I-215 / University Interchange (DDI)
- I-10 / Alabama Interchange
- Barstow 1st Street Bridge Replacement



I-10 / Cedar Interchange

Scope

- Widen Cedar Avenue
- Modify the Existing Ramps
- Widen Cedar Bridge over I-10 and Replace Bridge
 over UPRR
- Improve the Intersection at Slover Avenue and Cedar







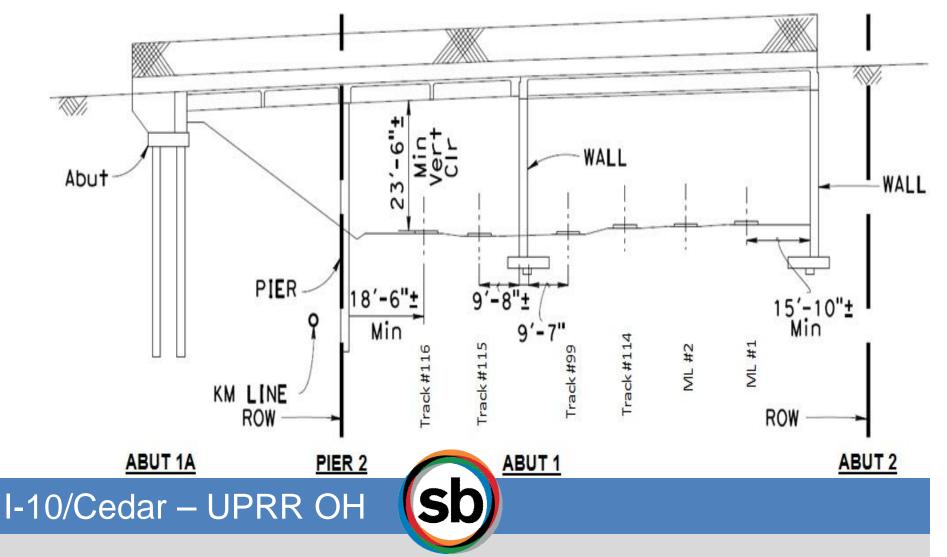




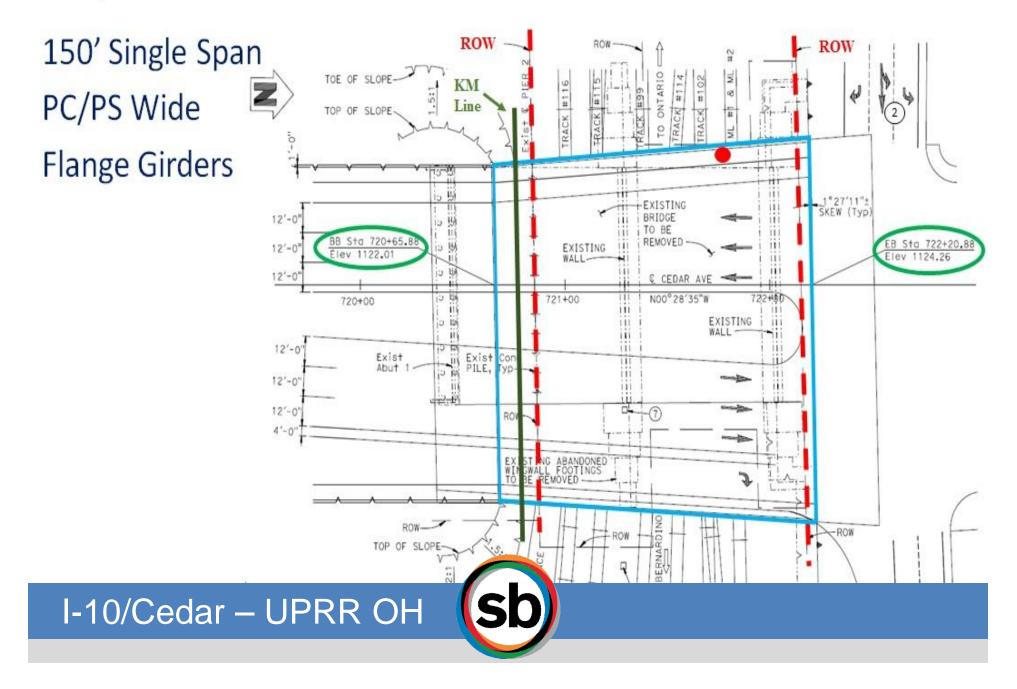


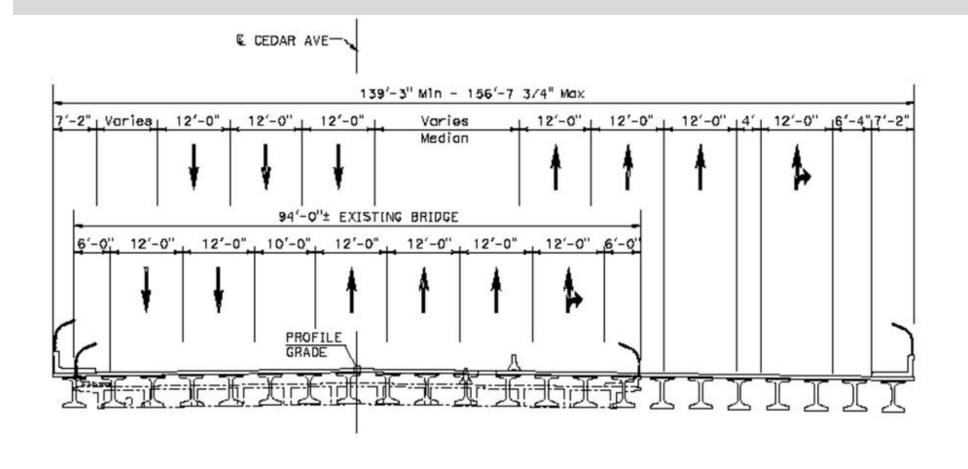
Existing Structure

- Min Vertical Clearance 23'-6" at Track #116
- Min Horizontal Clearance 15'-10" at ABUT 2

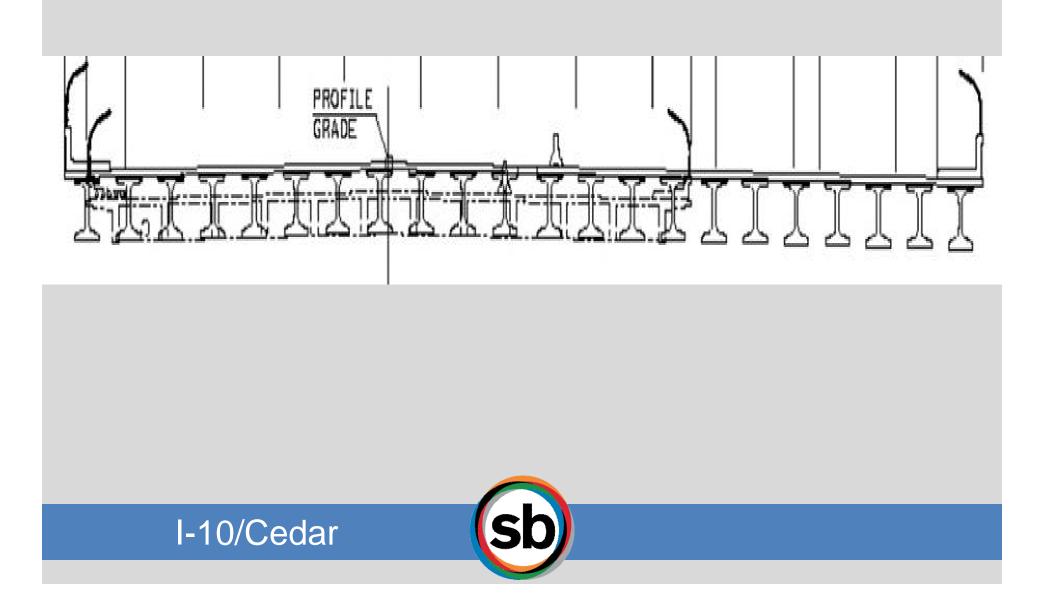


Proposed Structures











- Estimated RFP Release late fall 2019
- Engineers Estimate is approximately \$80+M





Upcoming Request for Proposals (for Construction Management Services)

I-215/University Avenue Diverging Diamond Interchange (DDI)









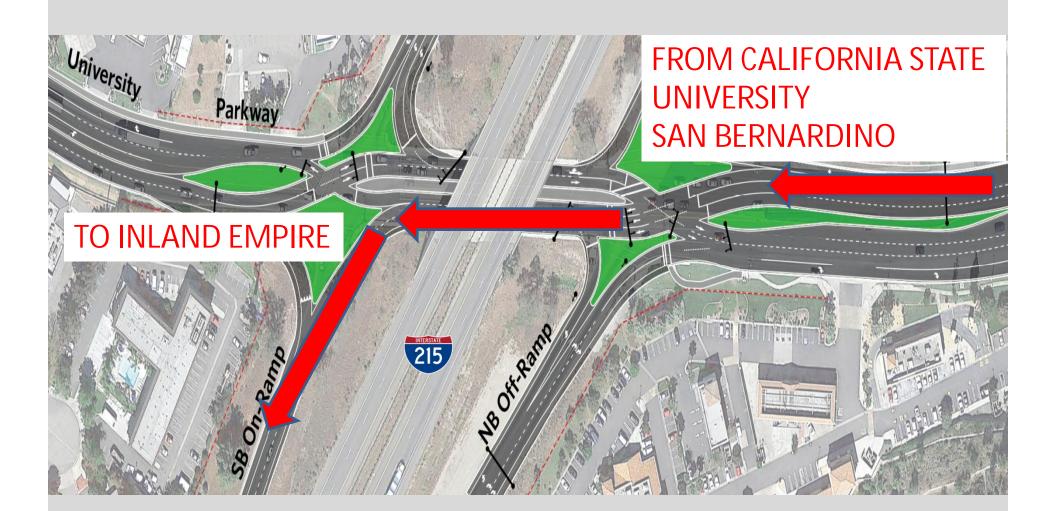


Signal Phasing and Traffic Movements 1





















Signal Phasing and Traffic Movements 1

I-215/University - DDI





Signal Phasing and Traffic Movements 1

I-215/University - DDI





Signal Phasing and Traffic Movements 1

I-215/University - DDI







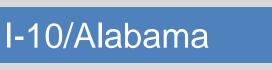
- Estimated RFP Release is early fall of 2019
- Engineers Estimate is approximately \$10M





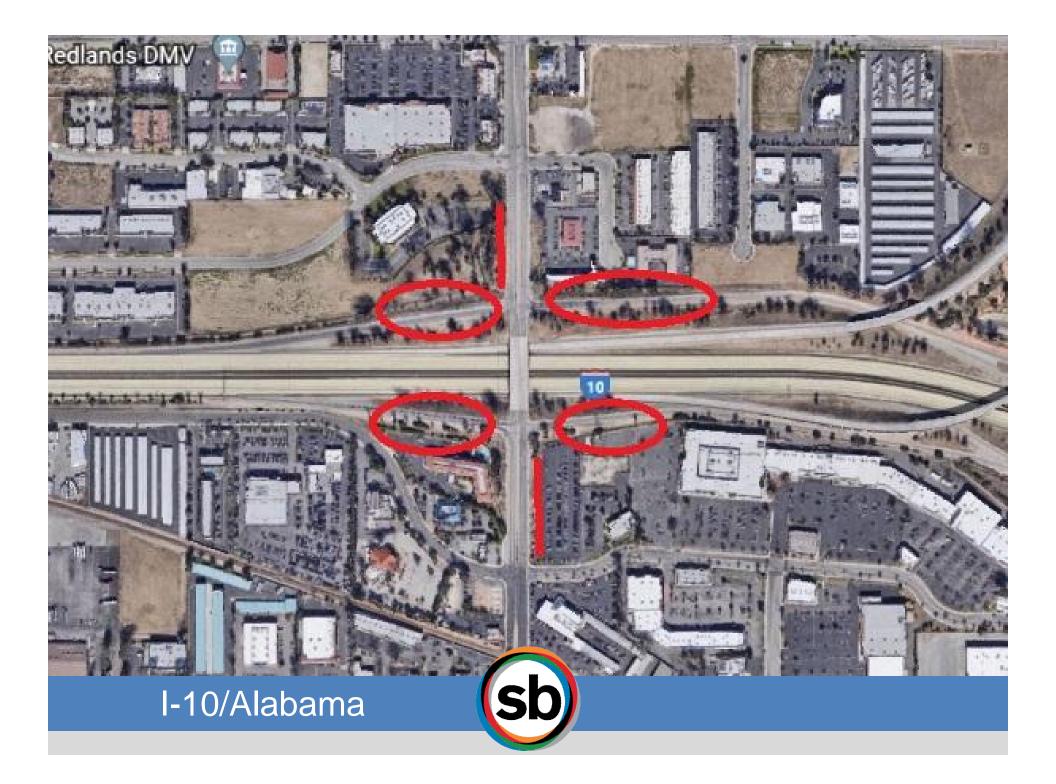
Upcoming Request for Proposals (for Construction Management Services)

I-10 / Alabama Street Interchange













Scope

- Widen All On and Off Ramps
- Add additional Right turn lane on Alabama to the On Ramps
- Estimated RFP Release is the end of 2019
- Engineers Estimate is approximately \$12M





Upcoming Request for Proposals (for Construction Management Services)









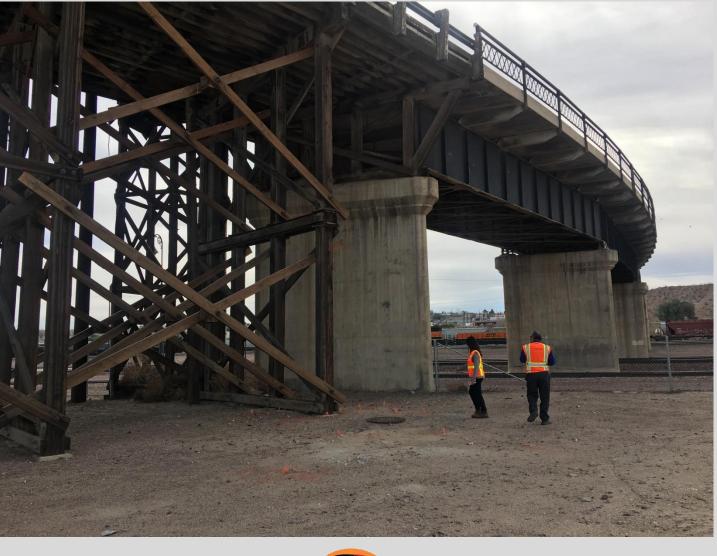












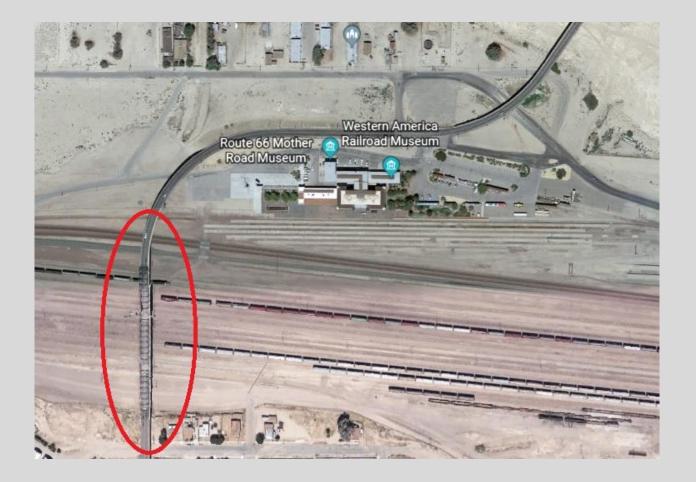






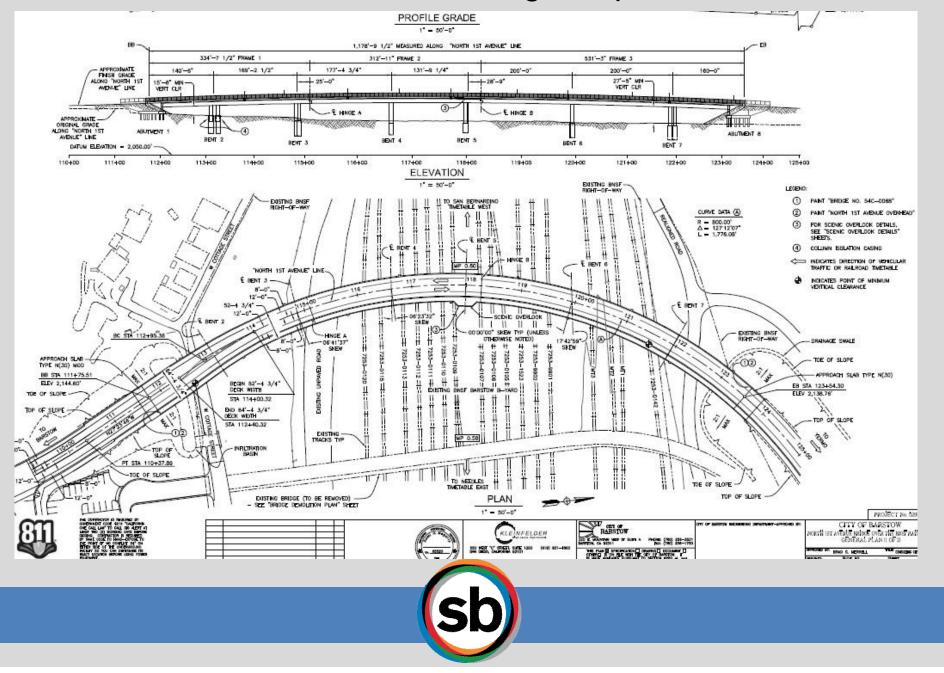




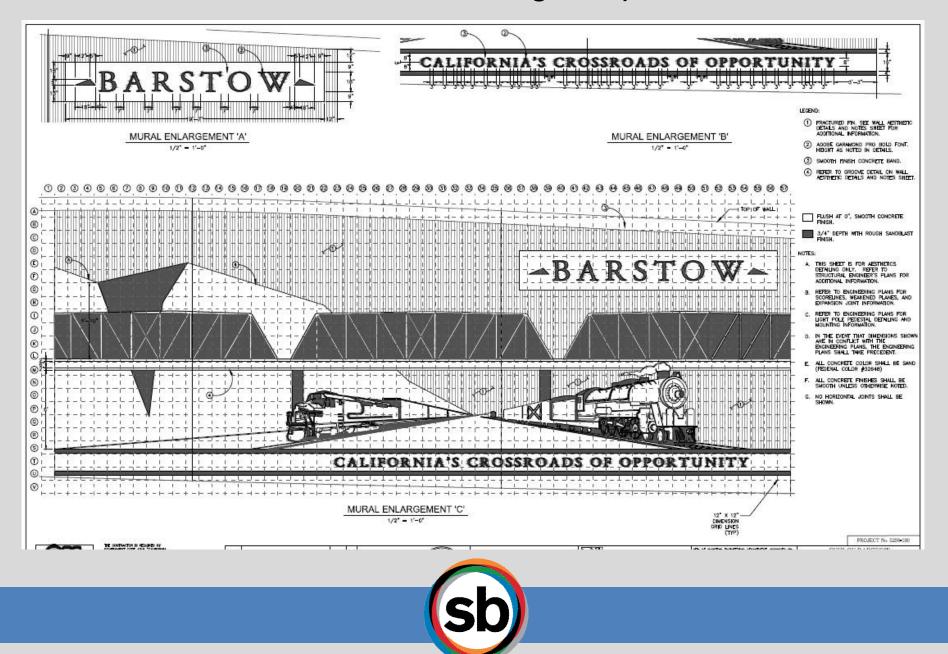


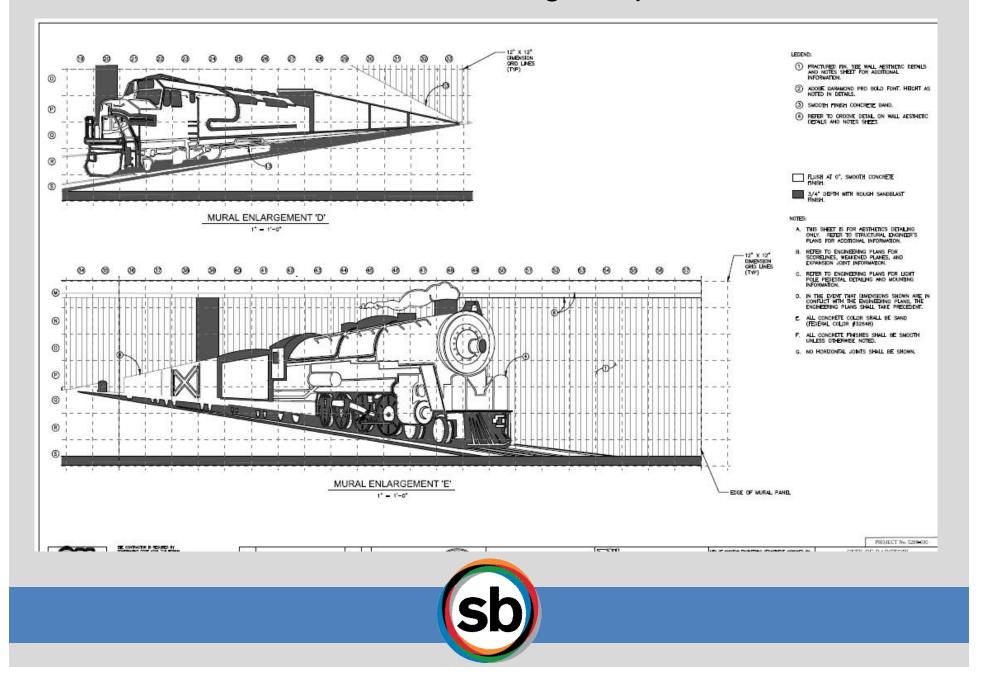






Barstow 1st Street Bridge Replacement





- Estimated RFP Release is the Fall of 2019
- Engineers Estimate is approximately \$40M



Upcoming Invitation for Bids

- SR 210 Widening / Baseline Interchange
- SR 60 / Archibald Interchange
- SR 60 / Central Interchange
- Short listed 4 firms for Mt.
 Vernon Viaduct Design Build





- Selected Consultant Construction Management Firms are considered a part of SBCTA
- We are all Stewards of the Public Funds



- CM Contracts will not exceed
 Budget
- Projects will be delivered
 within Budget



- Thorough Constructability Reviews
 - Check for errors and omissions
 - Check for ambiguities
 - Check for vagueness



- During Construction we strictly enforce the contract requirements
- All Changes require a Contract Change Order
- All Change Orders are in the interest of the Agency



- We follow Caltrans Local Assistance Manuals
- We follow Caltrans Construction Manuals and Technical Manuals



• Documentation is Key. Daily Diaries are performed daily. Many daily photos are essential.



- Never give direction as the Contractor's means and methods
- Partnering is encouraged, however be careful that our ideas and suggestions can not be interpreted as giving direction



 Forecast each month the cost to complete for both the CM Contract and the Construction Contract



Thank You

Questions/Comments

Tim Byrne Project Delivery Manager <u>tbyrne@gosbcta.com</u> Henry Stultz Construction Manager hstultz@gosbcta.com



san bernardino county transportation authority