

# I-10 BROADWAY CURVE IMPROVEMENT PROJECT

## NEWS from the CURVE

Volume 2 | Issue 3

July 2022

### IN THIS ISSUE

- Bridge Construction
- Project Overview
- Request a Speaker
- Schedule
- Rideshare and Travel Reduction Programs
- Stay Ahead of the Curve



*Between June 2 and 6, workers erected 36 girders for the 48th Street bridges over I-10. Crews used two cranes to lift the larger girders. The largest girder is 157 feet long and weighs approximately 105 tons.*



### Welcome to the Curve

*Construction heats up along the Interstate 10 Broadway Curve Improvement Project*

The I-10 Broadway Curve Improvement Project runs along 11 miles of I-10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. Additional work is occurring on approximately one mile of east- and westbound US 60 between I-10 and Hardy Drive and on approximately one mile of north- and southbound State Route 143 between I-10 and the southern end of the SR 143 bridge over the Salt River.

### Bridge Construction

The Broadway Curve Constructors (BCC) project team completed a major milestone as they began erecting the superstructure of several bridges. The superstructure rests on the piers and abutments, which are known as the substructure. With girders in place, crews then begin working on the bridge deck, which is the part vehicles will drive across.

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Bridge construction progress includes:

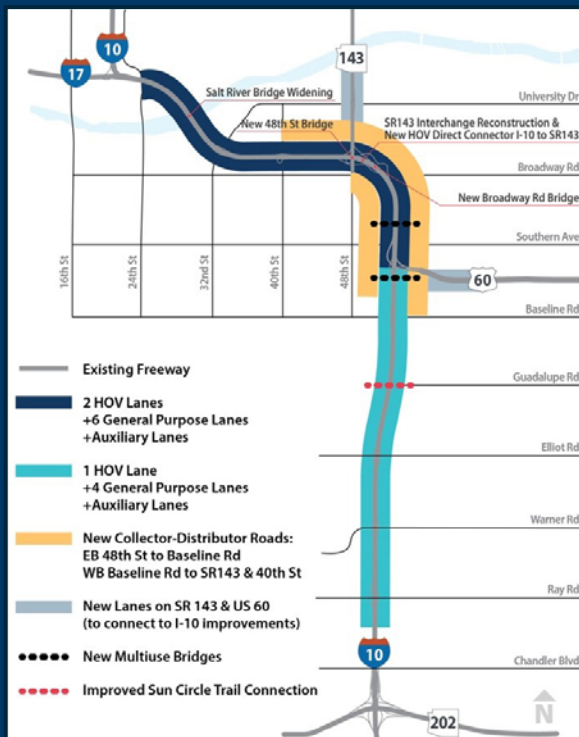
- In early May, crews placed box beams for the bridge over the Tempe Drain on 48th Street and on a section of northbound SR 143 that is being widened. They expect to open this 48th Street bridge to traffic over the summer.
- Workers began drilling the foundation for the new Collector-Distributor (CD) road bridge over Southern Avenue in late May, so they can begin constructing the bridge abutments over the summer.
- Crews erected the bridge girders for the 48th Street bridges over I-10 in early June and began working on the bridge deck.
- In mid-June, workers erected the bridge beams for the new southbound bridge that will connect southbound SR 143 to southbound 48th Street.
- Workers began forming the abutments for the new bridge that will connect westbound US 60 to westbound I-10 in late June.
- In late June and early July, crews erected the bridge girders for the Broadway Road bridge over I-10, so they can begin working on the bridge deck.
- Crews finished removing the north face of the Guadalupe Road bridge, so they can begin widening the bridge for pedestrians, cyclists and equestrians.



*On June 25, workers erected 17 girders for the Broadway Road bridge over eastbound I-10. Each girder of this bridge is approximately 172 feet long and weighs approximately 115 tons.*



## PROJECT OVERVIEW



- Widening I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 and I-17.
- Adding a fourth general purpose lane in each direction between Ray Road and US 60.
- Adding Collector-Distributor (CD) roads parallel to I-10 between Baseline Road and 40th Street to separate through-traffic on I-10 from local traffic entering or exiting the highway.
- Rebuilding the I-10 interchange with SR 143 to improve traffic flow and create direct connections to and from SR 143 for drivers in the I-10 HOV lanes.
- Replacing the Broadway Road bridge and 48th Street bridges over I-10.
- Widening the I-10 bridges over the Salt River.
- Building two bridges for pedestrians and bicyclists over I-10 between Baseline and Broadway roads.
- Improving the Sun Circle Trail Connection at Guadalupe Road.
- Building sound and retaining walls where warranted.





Workers drill shafts for the foundation of the new Collector-Distributor road bridge over Southern Avenue.



Workers place the 48th Street bridge beam near Medtronic Way. The beam weighs approximately 40,000 pounds.

## Full Closures of I-10

Work throughout the project area will require full closures of I-10 almost every weekend in July, August and September, except the Labor Day holiday weekend when no closures are planned. To stay up to date with these closures and stay ahead of the curve, visit the project website or download our free mobile app, The Curve.

## REQUEST A SPEAKER

Interested in having a project team member present information to your group, organization or event? Speakers can provide updates and information at virtual or in-person meetings and events, and in compliance with U.S. Centers for Disease Control guidelines.

### SUBMIT YOUR REQUEST:

**VISIT:** [i10BroadwayCurve.com/contact/](https://i10BroadwayCurve.com/contact/)  
**CALL:** 602.501.5505  
**EMAIL:** [Info@i10BroadwayCurve.com](mailto:Info@i10BroadwayCurve.com)

## 2021-2024 DESIGN AND CONSTRUCTION SCHEDULE\*

PHASE 1 Spring 2021 – Mid-2022	PHASE 2 Mid-2022 – Late 2023	PHASE 3 Late 2023 – Summer 2024	PHASE 4 Summer 2024 – Late 2024
<div>COMPLETED</div> <ul style="list-style-type: none"><li>Remove pavement.</li><li>Establish work zones.</li><li>Coordinate utility relocations.</li><li>Make roadway improvements, including new barrier, drainage and signs.</li><li>Begin construction of the bridges at 48th Street and at Broadway Road.</li><li>Install new lighting.</li></ul>	<ul style="list-style-type: none"><li>Coordinate utility relocations.</li><li>Make roadway improvements, including new barrier, drainage and signs.</li><li>Reconfigure ramps.</li><li>Construct new walls.</li><li>Begin CD road construction.</li><li>Widen roadway and bridges.</li><li>Construct new bridges, including the US 60 to I-10 bridges.</li><li>Complete construction of bridges at 48th Street and at Broadway Road.</li></ul>	<ul style="list-style-type: none"><li>Complete CD roads.</li><li>Build SR 143 to I-10 direct connections.</li><li>Complete bridge construction, including US 60 to I-10 bridges.</li><li>Make roadway improvements, including new barrier, drainage and signs.</li><li>Widen roadway and bridges.</li></ul>	<ul style="list-style-type: none"><li>Finalize lighting.</li><li>Finalize signage.</li><li>Install landscaping.</li><li>Install final roadway surface.</li><li>Add striping.</li><li>Complete project.</li></ul> <p><i>*schedule is subject to change</i></p>



# I-10 BROADWAY CURVE IMPROVEMENT PROJECT

## Rideshare and Travel-Reduction Programs



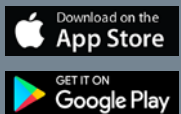
Never taken transit before? Now's the time to start! If you're worried about driving through Broadway Curve construction, get a ride with Valley Metro's bus or light rail system. Taking transit saves you gas money, and getting out of traffic will reduce your stress and speed up your commute. It's also easier than ever thanks to the new Valley Metro App, which plans trips for you and displays the location of your bus or train in real time. Learn more and download the app at [valleymetro.org/app](http://valleymetro.org/app).

Valley Metro Commute Solutions works with Valley employers to implement and promote Travel-Reduction Programs that take more vehicles off the roads. When people vanpool, carpool, walk, bike, telework or work compressed workweek schedules, they reduce traffic congestion and improve air quality. To find a carpool partner visit [ShareTheRide.com](http://ShareTheRide.com), Valley Metro's free and secure online ride matching service. Employers looking to reduce the impact their operations have on Valley roadways can call **Valley Metro's Travel Reduction Program** at **602.262.7433**.

**Ridesharing and travel-reduction programs will help you *stay ahead of the curve!***

Sign up to receive traffic alerts and updates: [i10BroadwayCurve.com](http://i10BroadwayCurve.com)

# STAY AHEAD OF THE CURVE



Stay **#AheadOfTheCurve** and download the free mobile app, **The Curve!**



### VISIT OR WRITE:

3157 E. Elwood St., Suite 100, Phoenix, AZ 85034.  
The Community Office is open during regular business hours,  
8 a.m. to 5 p.m., Monday – Friday (except for holidays).



**BILINGUAL PROJECT INFORMATION LINE:** 602.501.5505



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**ONLINE:** [i10BroadwayCurve.com](http://i10BroadwayCurve.com)



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