

# I-10 Broadway Curve Improvement Project Public Involvement Plan - FINAL

**July 2021** 

**Updated: January 2025** 



# **TABLE OF CONTENTS**

Introduction				
Project Overview	7			
Project Timeline	8			
Project Messaging	9			
Project Outreach Objectives and Goals	9			
Project Communication Team	13			
Stakeholders	13			
Community Assessment	15			
Level of Participation	22			
Communication Tools and Techniques	23			
Reporting and Tracking	33			
Metrics and Measurement	35			
Reputation Management Plan	35			
Crisis Communication Plan	35			

# **APPENDICES**

Appendix A	Roles and Responsibilities Matrix	37
Appendix B	Four-Factor Analysis Summary	41
Appendix C	Reputation Management Plan	44
Appendix D	Crisis Communication Plan	46
Appendix E	Communication Plan for Noise-Sensitive Areas	51

#### LIST OF FIGURES

Figure 1: Major Design Improvements Map

Figure 2: Project Area and Demographic Analysis Area Map

Figure 3: Low-Income Population in the Project Area

Figure 4: Minority Populations in the Project Area

Figure 5: Disabled Populations in the Project Area

Figure 6: Storefront Office Location

Figure 7: Dynamic QR Codes

Figure 8: Public Information Kit

Figure 9: Identified LEP Persons Map

#### LIST OF TABLES

Table 1: Public Outreach Objectives, Goals, Tactics and

**Key Performance Indicators** 

Table 2: Examples of Stakeholders and Organizations

Table 3: IAP2 Public Participation Spectrum

Table 4: Key Events

Table 5: Information Materials

Table 6: Roles and Responsibilities Matrix

Table 7: Analysis of Policies and Common Practices of

**Key Organizations** 

Table 8: Crisis Communication Team Members



#### **DEFINITION OF ACRONYMS**

ADA Americans with Disabilities Act

ADOT Arizona Department of Transportation

BCC Broadway Curve Constructors
CCB Curve Communication Briefing

CCT Crisis Communication Team

CD Collector-Distributor
CRO Civil Rights Office

EA Environmental Assessment

EJ Environmental Justice

EO Executive Order

EMS Emergency Medical Service

FHWA Federal Highway Administration FONSI Finding of No Significant Impact GEC General Engineering Consultant

HOV High Occupancy Vehicle

IAP2 International Association for Public Participation

KPIs Key Performance Indicators
LEP Limited English Proficiency

MAG Maricopa Association of Governments

MOT Maintenance of Traffic

NTP Notice to Proceed

PCT Project Communication Team

PIO Public Information Officer
PIP Public Involvement Plan

QR Quick Response

TPs Technical Provisions

TOC Traffic Operations Center

TSM Transportation Systems Management

URL Uniform Resource Locator



Pursuant to Title VI of the Civil Rights Act of 1964, and the Americans with Disabilities Act (ADA), the Arizona Department of Transportation (ADOT) does not discriminate on the basis of race, color, national origin, age, sex, or disability. Persons who require a reasonable accommodation based on language or disability should contact 602.501.5505 or Info@i10BroadwayCurve.com. Requests should be made as early as possible to ensure the state has an opportunity to address the accommodation.

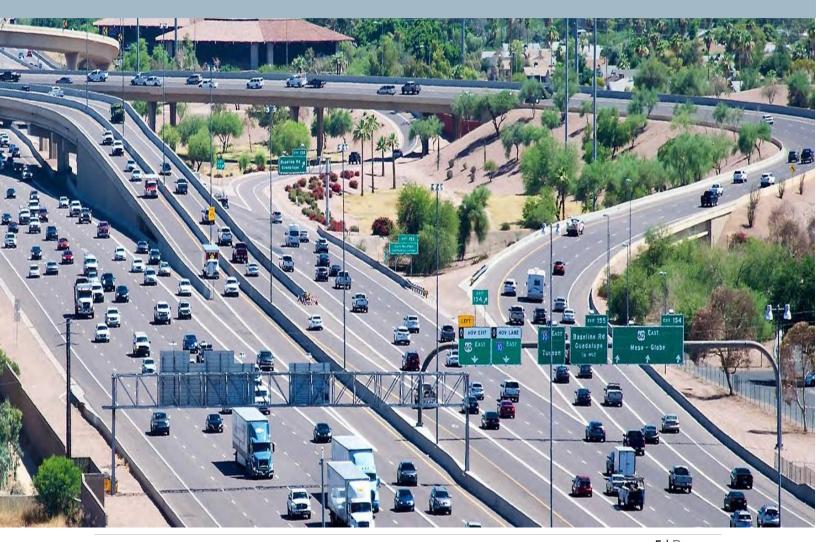
De acuerdo con el título VI de la Ley de Derechos Civiles de 1964 y la Ley de Estadounidenses con Discapacidades (ADA por sus siglas en inglés), el Departamento de Transporte de Arizona (ADOT por sus siglas en inglés) no discrimina por raza, color, nacionalidad, edad, género o discapacidad. Personas que requieren asistencia (dentro de lo razonable) ya sea por el idioma o por discapacidad deben ponerse en contacto con 602.501.5505 o por correo electrónico al Info@i10BroadwayCurve.com. Las solicitudes deben hacerse lo más pronto posible para asegurar que el equipo encargado del proyecto tenga la oportunidad de hacer los arreglos necesarios. 如需中文翻译,请发邮 Info@i10BroadwayCurve.com. 한국어 통역을 위해 이메일을 보내주세요 Info@i10BroadwayCurve.com. Để được giải thić h bằng tiếng Việt, xin vui lòng gửi email Info@i10BroadwayCurve.com.

NOTE: Discrimination or harassment-related complaints and inquiries received against an ADOT employee, consultant or contractor are within the jurisdiction of the ADOT Civil Rights Office (CRO) and therefore will be directed to CRO for further guidance. ADA accommodation requests made by the public will also be reported and action will be coordinated with the CRO.

# Project-Specific Public Involvement Plan Final

The Project-Specific Public Involvement Plan (PIP) has been developed to describe how the Broadway Curve Constructors (BCC) (a joint venture comprised of Pulice Construction, FNF Construction and Flatiron Constructors) will inform and continuously engage the public of the design and build phases of the Interstate 10 Broadway Curve Improvement Project. In addition to meeting the requirements in the Arizona Department of Transportation Public Involvement Plan and the Technical Provisions (TPs), the PIP shall:

- Develop stakeholder understanding of the project.
- Provide opportunities for early and continuous engagement with stakeholders.
- Develop and maintain accountability, credibility, and accessibility of ADOT and the Project team.
- Maximize potential for informed media coverage.
- Keep stakeholders apprised of changing traffic conditions throughout construction.



#### Introduction

This document outlines a project-specific PIP for the I-10 Broadway Curve Improvement Project. This plan is a comprehensive document designed to guide communication and outreach during design and construction. It includes specific communication techniques, tools and materials tailored to the needs and preferences of the public and stakeholders while providing specific metrics for measuring success. This plan is subject to change and may be revised. The PIP will be reviewed every six months and revisions will be incorporated as determined by public, stakeholder and project team feedback and outreach. This version incorporates revisions as of July 2023. The PIP will follow these essential principles:

- All public information and involvement activities will align with the Arizona Department of Transportation Public Involvement Plan (2017) and its requirements for compliance with Title VI of the Civil Rights Act of 1964, the Americans with Disabilities (ADA) Act, Limited English Proficiency (LEP) Executive Order 13166, and Environmental Justice (EJ) Executive Order 12898.
- Solicitation and consideration of the needs of those impacted by the project, especially groups traditionally underserved in transportation processes by removing barriers for engagement.
- Reasonable access to technical information will be available to the public and stakeholders throughout the duration of the project.
- Demonstration of explicit consideration and response to public input obtained whenever possible.
- Periodic reviews of the effectiveness of the PIP will be conducted to ensure that full and open access is provided to all who are interested or who could be interested in the project.
- Coordination with local, tribal and regional government agencies and other stakeholders.

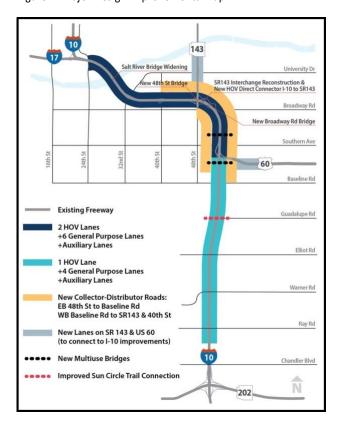
Click <u>here</u> to view the Arizona Department of Transportation (ADOT) Public Involvement Plan.

# **Project Overview**

The project is located on 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. Additional work will occur on approximately one mile of east- and westbound US 60 (Superstition Freeway) 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.

The immediate construction impact of this project to the metro-Phoenix region makes the I-10 Broadway Curve Improvement Project one of the most complex highway projects ADOT will deliver to date. The project requires a correspondingly robust outreach plan. The Project Communication Team (PCT) will provide relevant and timely information to the public and all stakeholders. Major design improvements as shown in Figure 1 (below) include:

Figure 1: Major Design Improvements Map





Widening I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 and I-17, and 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 over I-10.
- Replacing the 48th Street bridge 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 (at Alameda Drive and the Western Canal) and improving the Sun Circle Trail Connection at Guadalupe Road.



Building sound and retaining walls where warranted.

# Project Timeline

Phase 1	Phase 2	Phase 2 Phase 3	
July 2021 – End-2022	End-2022 – Late 2023	Late 2023 - Fall 2024	Summer 2024 - Spring 2025
<ul> <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 Broadway Road</li> <li>Install new lighting</li> </ul>	<ul> <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 and SR 143 to I-10 bridges</li> <li>Complete construction of the bridges at 48th Street and Broadway Road</li> </ul>	<ul> <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> <li>Reconfigure ramps</li> </ul>	<ul> <li>Complete SR 143 to I-10         HOV ramp</li> <li>Complete connections         between US 60 and I-10</li> <li>Complete roadway and         bridge widening</li> <li>Finalize lighting</li> <li>Finalize signage</li> <li>Finalize landscaping</li> <li>Install final         roadway surface</li> <li>Add striping</li> <li>Complete project</li> </ul>

<sup>\*</sup>Schedule is subject to change.

# **Project Messaging**

The project messaging is a critical element to building credibility and trust with the public and stakeholders. Communicating the purpose of the improvements helps the public and stakeholders to understand the inconvenience created by roadway construction. The foundation of the project messaging is centered around the following topics:

DELIVERING ON A PROMISE

The I-10 Broadway Curve Improvement Project will deliver on Maricopa Association of Government's (MAG) promise to the public through the utilization of voter approved Proposition 400 investment dollars in 2004.

Background: The improvements to the corridor are one of the major projects funded through Proposition 400, which was passed by voters in 2004 and is set to expire in 2025. The project will deliver on a promise to the public.

THE TIME TO ACT IS NOW

As the region grows, traffic is worsening. Now is the time to tackle this project.



Background: The 11-mile stretch of I-10 between the Loop 202 and I-17 carries nearly 300,000 vehicles per day, with increasing congestion during the morning and evening peak travel periods. Traffic volume projections indicate that congestion will worsen in the future the time to act is now.

AHEAD OF THE CURVE

The improvements will create connected communities and increase economic vitality.



Background: The improvements include modifications to the system interchanges, additional general purpose and two high-occupancy vehicle lanes between US 60 and I-17, the addition of CD roads system, pedestrian bridges, and improvements to the Salt River bridges near Phoenix Sky Harbor International Airport.

THE ROAD FORWARD

BCC, the developer who is designing and building the project, was selected in 2020. Construction began in summer 2021 and is expected to take four years.



Background: The project is ADOT's largest urban reconstruction project to date. BCC will use the designbuild process to save time and money, and minimize impacts to the traveling public.

SHORT-TERM PAIN: LONG-TERM GAIN

Completing the project now will alleviate issues in the future as traffic continues to increase.



Background: No one likes construction or the impacts that come along with it. However, the I-10 **Broadway Curve** Improvement Project is important for the entire regional transportation system. Benefiting the community for years to come, the project will provide a more reliable thoroughfare, easier access to businesses and smoother connections to major roads

# Public Outreach Objectives and Goals

The goal for public involvement during the design and construction phases is to have well-informed stakeholders, including agencies, residents, commuters and businesses. The stakeholders will be provided opportunities for two-way communication with the project team throughout the design and construction phases. Furthermore, the PCT aims to develop a public understanding of the project and to provide support and information to all stakeholders throughout the duration of the project.

To achieve its objectives and goals, the PCT will employ the tactics shown in Table 1 (next page)

Table 1: Public Outreach Objectives, Goals, Tactics and Key Performance Indicators (KPIs).

Objectives	Goals	Tactics	KPIs
Develop stakeholder understanding of the project.	Provide multiple means for the public to learn about the project.	<ul> <li>Share project information with the public and stakeholders in print and electronic formats.</li> <li>Draft a quarterly project newsletter.</li> <li>Develop and maintain a project website and free mobile application.</li> <li>Host a virtual public meeting to kick off construction.</li> <li>Provide current photos and videos to share on the website and social media.</li> <li>Participate in and share information at Community Events.</li> <li>Respond to questions and comments received by telephone, email, mail and via the website.</li> <li>Draft monthly emails to stakeholders and provide photos, maps, videos and graphics.</li> <li>Provide project visualizations.</li> <li>Staff the Storefront Office in the project area from 8 a.m. to 5 p.m. Mondays - Fridays.</li> <li>Implement a paid-advertising campaign.</li> <li>Educate drivers on the use of Collector-Distributor roads.</li> <li>Provide project materials and outreach to faith-based groups, community centers and nonprofit organizations to better reach minority populations.</li> </ul>	<ul> <li>Number of website visits and mobile app downloads.</li> <li>Number of information materials produced and distributed.</li> <li>Open rate for project newsletters and electronic updates.</li> <li>Number of responses provided to public and stakeholder questions and comments received by telephone, email, mail and the website.</li> <li>Number of customers assisted at the Storefront Office.</li> <li>Number of participants in virtual public meeting.</li> <li>Track consumption of outreach materials by using QR codes.</li> </ul>

Objectives	Goals	Tactics	KPIs
Provide opportunities for early and continuous engagement with stakeholders.	Provide multiple, convenient methods for interested parties to receive information and continuously be engaged in the project.	<ul> <li>Host and attend community meetings and events.</li> <li>Conduct project briefings.</li> <li>Conduct group project tours.</li> <li>Host a Virtual Public Meeting to kick off construction.</li> <li>Respond to questions and comments received by telephone, email, mail and via the website.</li> <li>Have one member of the PCT reachable at all times.</li> <li>Staff the Storefront Office in the project area from 8 a.m. to 5 p.m. Mondays - Fridays.</li> <li>Conduct quarterly construction surveys.</li> </ul>	<ul> <li>Number of community meetings and events attended.</li> <li>Number of project briefings.</li> <li>Number of project tours conducted.</li> <li>Number of participants in virtual public meeting.</li> <li>Number of customers assisted at the Storefront Office.</li> <li>Number of responses provided to public and stakeholder questions and comments received by telephone, email, mail and the website.</li> <li>Number of survey responses collected.</li> <li>Use QR codes to track consumption of outreach materials.</li> </ul>
Develop and maintain accountability, credibility and accessibility of ADOT and the project team.	<ul> <li>Provide various ways for the public and stakeholders to communicate with the project team.</li> <li>Provide accurate and timely information.</li> <li>Promptly respond to all questions and comments with accurate information.</li> <li>Be transparent and professional.</li> <li>Implement Reputation Management Plan if needed.</li> </ul>	<ul> <li>Operate and manage a project hotline, mailing address and email account.</li> <li>Provide a Storefront Office location for the public and stakeholders.</li> <li>Document, respond to and resolve public and stakeholder comments and questions in a timely manner.</li> <li>Use Borealis.</li> <li>Respond within 24 hours.</li> <li>Reach out to previously identified noise-sensitive areas in advance.</li> </ul>	<ul> <li>Number of responses to comments within 24 hours.</li> <li>Number of surveys collected with a satisfactory rating of the effectiveness of project information received and comments resolved.</li> </ul>

Objectives	Goals	Tactics	KPIs
Maximize potential for informed media coverage.	<ul> <li>Develop and pitch compelling story ideas and respond to inquiries in a timely fashion with accurate information.</li> <li>Develop relationships and continue networking with media.</li> <li>Continually educate media about the project.</li> </ul>	<ul> <li>Provide accurate, up-to-date information, photos, maps and graphics.</li> <li>Maintain a Newsroom with up-to-date accurate content for news media on the project website.</li> <li>Ensure all information and content released publicly is accurate; identify and correct errors immediately.</li> <li>Assist ADOT by providing maps, graphics and other materials in Spanish or other languages as requested.</li> </ul>	Number of stories.     Amount of news coverage from news releases.
Keep stakeholders apprised of changing traffic conditions throughout construction.	Provide clear, accurate and timely information to the public and stakeholders.	<ul> <li>Draft construction alerts for closures and restrictions.</li> <li>Provide a mobile app, information on the website, monthly emails, quarterly project newsletter, videos and visualizations including detour visualizations.</li> <li>Canvass impacted areas and conduct outreach to businesses whose access may be affected.</li> <li>Implement the Crisis Communication and Emergency Response plans if needed.</li> </ul>	<ul> <li>Visits to traffic alerts tab on the website and mobile app visits.</li> <li>Participation in construction briefings.</li> <li>Use QR codes to track consumption of outreach materials.</li> </ul>

# **Project Communication Team**

The purpose of the PCT is to coordinate project activities and information to minimize construction impacts and proactively inform the public and stakeholders. The PCT includes BCC, ADOT and its General Engineering Consultant (GEC). Illustrated below are the general roles and responsibilities of the PCT. To view descriptions of the roles and responsibilities in greater detail, please see Appendix A.



### Stakeholders

Prior stakeholder involvement in the project area has informed the PCT with an understanding of who will be affected by this project. In addition, previous projects within and adjacent to the project area have affected public sentiment toward ADOT, established commitments and expectations and provided insight into common issues.

The PCT utilizes Borealis, a stakeholder management system, to track engagements with stakeholders throughout the life of the project and ensure management is aware of stakeholder concerns.

The PCT places a high importance on ensuring that communication efforts reach communities and stakeholder groups that are typically more difficult to engage. This includes elderly populations, individuals with disabilities, people experiencing homelessness, those whose primary language is not English, minority populations, tribal communities and others who may not have access to the internet.

The stakeholders and organizations identified in Table 2 (next page) are only examples of stakeholders and organizations. This is not an exhaustive list of all project stakeholders. The stakeholder list will grow throughout the project.

To view the Role and Responsibilities Matrix, see Appendix A.

Table 2: Examples of Stakeholders and Organizations

ADOT Internal Partners	Affected Property Owners	Ak-Chin Indian Community
Area Animal Shelters and Rescues	Area Colleges and Community Colleges	Arizona Trucking Association
Area Universities	Bicyclist and Pedestrian Groups	Chambers of Commerce
Churches and Places of Worship	Campuses	Community Organizations
Economic Councils	Educational Institutions	Elected Officials
Emergency Personnel and First Responders	Federal Aviation Administration	Gila River Indian Community
Homeowner and Neighborhood Associations	Hospitals and Health Services	Interstate Transportation
Local and Intrastate Commuters	Local Businesses and Special Event Venues	Local, Regional, State and Federal Agencies
Major Area Employers	Media	Minority Advocacy Groups
Native Nations Councils and Communities	Navigation Apps	Phoenix Sky Harbor International Airport
Religious Institutions	Rideshare Companies	Salt River Pima-Maricopa Indian Community
Salvation Army Rehabilitation Center	Shippers and Haulers	Special-Interest and Advocacy Groups
Sports Teams and Venues	Title VI and Environmental Justice Populations	Transit and Transportation Service Providers
Truck Stops and Gas Stations	Utilities	Valley Metro
Pasqua del Yaqui Tribe		

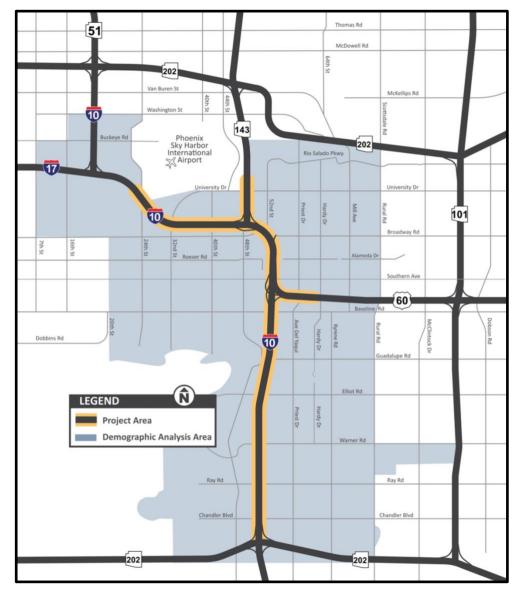
# Community Assessment

The project area is located within the cities of Phoenix, Tempe, Chandler, and the town of Guadalupe in Maricopa County. The public and stakeholders for the project are comprised of individuals who live and work within the project area, travel through the area, or may not live, work, or travel through the project area but are interested in the roadways associated with the project (e.g., special-interest groups).

# Title VI of The Civil Rights Act of 1964, Environmental Justice, Americans with Disabilities Act and Limited English Proficiency Four-Factor Analysis

Demographics were assessed using 2020 US Census Bureau data and 2015-2019 American Community Survey 5-Year Estimates. The area evaluated is shown in Figure 2 (below). This project-specific PIP adheres to the ADOT Public Involvement Plan guidelines. The PIP strives to engage the public and stakeholders innovatively and proactively from different cultures and backgrounds. Key guidelines for ensuring success include Title VI of the Civil Rights Act of 1964, the Americans with Disabilities Act and Environmental Justice Executive Order 12898. Additionally, the PCT identified and engaged impacted Limited English Proficiency Executive Order 13166 communities throughout construction of the project.

Figure 2: Project Area and Demographic Analysis Area



#### Title VI of The Civil Rights Act of 1964

The Title VI of the Civil Rights Act of 1964 provides that "no person shall on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination" under any ADOT or ADOT-sponsored program or activity.

#### Executive Order 12898 on Environmental Justice

In 1994, Executive Order (EO) 12898 on Environmental Justice requires "the fair treatment and meaningful involvement of all people, particularly minority, low-income and indigenous populations, in the environmental decision-making process." All ADOT's planning projects that include federal funding follow the National Environmental Policy Act process, which is an environmental decision-making process. Throughout design and construction of this project, the following tools will be used to provide the public access to project information in alignment with Title VI of the Civil Rights Act of 1964 and EO 12898:

- Develop community contacts and email or mail databases to initiate and continue communication.
- Conduct one-on-one meetings with local community groups and community leaders.
- Initiate intergovernmental collaboration.
- Display ADOT's standard nondiscrimination language on paid advertisements, flyers, invitations, email notifications
  or other materials used to promote public meetings and/or other opportunities for public engagement and at all
  public meetings or events.
- Consider proximity to public transportation routes when selecting a meeting location; when feasible, select locations that are accessible by public transit.
- With permission, share information in advance, at religious centers and common community meeting places.
- When appropriate, provide information in language(s) other than English, and in alternative formats, based on community assessments.
- Schedule public meetings at the appropriate time of the day based on community assessments.
- Promote Cox Communications Connect2Compete and PCs for People to enhance the reach of project information
  to members of the public who do not have internet access. The PCT will promote these programs during
  community events and on project collateral so the public is aware that they can register and potentially qualify for
  low-cost internet service through Cox Communications.
- Use native Spanish speakers.

#### Low-Income Population

Low-income populations are defined as people whose median household income is at or below the Department of Health and Human Services poverty guidelines. Based on the PCT's assessment of the 2015-2019 American Community Survey 5-Year Estimates, Figure 3 (below) illustrates the population of low-income individuals in the project area to overall population in the project area.

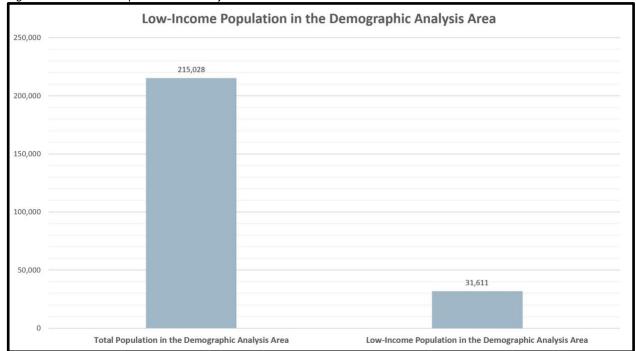


Figure 3: Low-Income Population in the Project Area

#### Minority Population

Figure 4 (next page) is data gathered from the 2020 US Census Bureau on minority populations within the project area. Minorities include:

- Black (a person having origins in any of the black racial groups in Africa).
- Hispanic or Latino (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture of origin, regardless of race).
- Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent).
- American Indian and Alaskan Native (a person having origins in any of the original people of North America, South America, including Central America, and who maintains cultural identification through tribal affiliation or community recognition).
- Native Hawaiian or Other Pacific Islander (people having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands).
- Other residents who identify themselves as Some Other Race, and Two or More Races.

Minority Populations in the Demographic Analysis Area 60,000 53,823 50,000 40,000 30,000 25,511 22,129 20,000 17.683 12,937 8.442 10,000 931 Hispanic or Latino Pacific Islander \*"Hispanic or Latino" refers to members of a group of regional and ethnic cutural identities and is defined as "a person of Mexican, Puerto Rican, Cuban or South American, or other Spanish culture of origin, regardless of race." This can include individuals of any racial background. Populations of minoity racial groups in this figure are calculated irrespective of self-identification as Hispanic or Latino and may be counted as Hispanic or Latino and a member of a racial minority.

Figure 4: Minority Populations in Project Area

In addition to the tactics noted on pages 11 and 12, the PCT provides project materials and outreach to faith-based groups,

community centers and nonprofit organizations to better reach minority populations. The PCT measures the effectiveness of

#### Americans with Disabilities Act of 1990

outreach tools used throughout the duration of the project.

Throughout construction of this project, the following tools will be used to provide individuals with disabilities access to project information:

- Develop community contacts and email or mail databases to initiate and continue communication.
- Conduct research through the U.S. Census Bureau's 2015 American Community Survey for data on persons with disabilities.
- Display ADOT's standard nondiscrimination language on paid advertisements, flyers, invitations, email notifications or other materials used to promote public meetings and/or other opportunities for public engagement and at all public meetings or events.
- Design all printed materials and the project website to be ADA compliant. This includes using easy to read fonts, using short and concise paragraphs, incorporating visuals and graphics and choosing the right colors.
- Conduct community interviews, including one-on-one meetings with disability advocacy groups.
- Collaborate with local agencies that offer assistance and information for the aging and disabled communities (e.g., Arizona Department of Economic Security).
- Engage health care facilities, senior centers or other community facilities that may be effective locations for connecting with people who are unable to attend events.

- Ensure public involvement locations are ADA compliant, accessible by ADA-compliant transportation options and that information is accessible for people with vision or hearing disabilities. Include the use of American Sign Language upon request.
- Design online resources to be ADA accessible.
- When notified of an accommodation request, provide reasonable accommodations to assure equal opportunity for people with disabilities to participate in the project.
- Provide translation and interpretation for materials and information as needed.



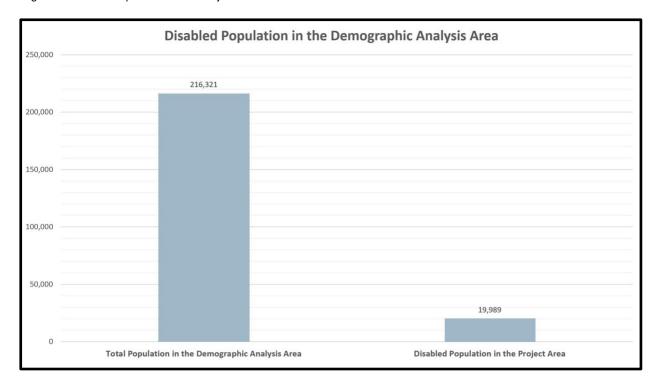




#### **Disabled Population**

Figure 5 (below) is data gathered from the U.S. Census Bureau's 2015 American Community Survey within the project area. The chart illustrates the disabled population in the project area compared to the overall population in the project area.

Figure 5: Disabled Population in the Project Area



#### Limited English Proficiency Persons

Title VI and Executive Order 13166 prohibit recipients of federal financial assistance from discrimination based on national origin. Recipients of federal financial assistance are required to take reasonable steps to provide LEP individuals with meaningful access to programs, activities and services. The LEP guidance included in this PIP aligns with ADOT's Language Access Plan, prepared by ADOT's CRO.

The PCT uses the following communications strategies for LEP persons to ensure that LEP persons have access to project information and updates throughout this project. The process for identifying LEP persons for this PIP includes the following efforts:

- Conduct community interviews to determine language needs.
- Initiate intergovernmental coordination or collaborative efforts with service groups that can help identify and engage LEP persons.
- Use the LEP Four-Factor Analysis to measure and document language needs in relation to the impacted project area. This
  analysis balances the following four factors:
  - The number or proportion of LEP persons served or encountered in the eligible service population ('served or encountered' includes those persons who would be served or encountered by the recipient if they received adequate education and outreach and if the recipient provided sufficient language services).
  - The frequency that the LEP persons come into contact with the program.
  - The nature and importance of the program, activity or service provided by the program.
  - The resources available and the costs to the recipient.
- Conduct research through U.S. Census Bureau's "American Community Survey" and the Environmental Protection Agency's EJ page tool, which reports data on "language spoken at home" and Linguistically Isolated Households to help identify LEP persons.
- Utilize the Safe Harbor Threshold as a guide to determine when written translation of vital documents is necessary.
- Include Title VI language on paid advertisements, flyers, invitations, email notifications or other materials used to promote public meetings and/or other opportunities for public engagement and at all public meetings or events. Include a line of Chinese, Korean and Vietnamese text indicating language assistance is available.
- Provide Title VI brochures, posters, and the voluntary self-identification survey cards in English and Spanish (or other languages as identified) at all public events hosted by the PCT.
- With reasonable advance notice, provide requested interpretation services at all public meetings and events.
- Ensure the website is available in the language(s) of the identified LEP persons.
- Use visual images or simulation videos, particularly at public meetings, when feasible.

The LEP Four-Factor Analysis conducted for this project indicates moderate to high likelihood that LEP persons will engage with the project. Additionally, a one-mile buffer zone around the project area was shown to be near the 5% Safe Harbor Threshold. Due to this result, the PCT provided the following for this project:

- Develop contacts, mailing lists, and other means to initiate and continue communication.
- Include Title VI language on paid advertisements, flyers, invitations, email notifications or other materials used to promote
  public meetings and/or other opportunities for public engagement and at all public meetings or events. Include a line of
  Chinese, Korean and Vietnamese text indicating language assistance is available.
- Provide Title VI brochures, posters, and voluntary Self Identification Survey cards in both English and Spanish (or other languages as identified) at all public events hosted by ADOT.
- With reasonable advance notice, provide requested translation services at all public meetings.
- Select meeting locations that are accessible by public transportation.
- Ensure the website is available in the language(s) of the identified LEP persons using Google Translate.
- Use visual images or simulation videos, especially at public meetings, when feasible.

The results of the Four-Factor Analysis are summarized in a document in Appendix B.

#### **Factor One**

Number/Proportion of LEP Persons in Service Area

#### **Factor Two**

Frequency of Contact with LEP Persons

#### **Factor Three**

Nature and Importance of the Service to LEP Persons

#### **Factor Four**

Resources Available and Overall Costs

#### Public and Stakeholder Issues

During the environmental phase of the project, comments ranged from issues associated with congestion, interchanges and connections, and other issues as follows (issues below were gathered during the Draft EA and were taken from the Public Hearing Summary):

- Traffic and population increases.
- Noise levels within the project area.
- Bicyclist and pedestrian crossings and access.
- Freeway lighting.
- HOV and CD lanes.
- Freeway lane weaving and merging.

Since construction has begun, additional issues have included:

- People experiencing homelessness within the project area.
- Trash and debris.
- Roadway surface.

To view the Four-Factor Analysis Summary, see Appendix B.

# Level of Public Participation

The International Association for Public Participation (IAP2) Spectrum as shown in Table 3 illustrates the five levels of public participation: Inform, Consult, Involve, Collaborate and Empower. Each level serves a different purpose and outcome. The PCT will primarily work within the Inform and Consult levels of participation during the design and build phases of the project.

Table 3: IAP2 Public Participation Spectrum

#### **INCREASING LEVEL OF PUBLIC IMPACT**

INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER
Public Participation Goal:	Public Participation Goal:	Public Participation Goal:	Public Participation Goal:	Public Participation Goal:
To provide the public with balanced and objective information to assist them in understanding the problems, alternatives, and/or solutions.	To obtain public feedback on analysis, alternatives, and/or decisions.	To work directly with the public throughout the process to ensure that public issues and concerns are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision-making in the hands of the public.
Promise to the Public:	Promise to the Public:	Promise to the Public:	Promise to the Public:	Promise to the Public:
We will keep you informed.	We will keep you informed, listen to, and acknowledge concerns and provide feedback on how the public influenced the decision.	We will work with you to ensure that your concerns and issues are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision.	We will look to you for direct advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible.	We will implement what you decide.

#### Inform

Public Participation Goal: The PCT will develop project information and collateral that provides project information to the public and stakeholders. The PCT uses the following tools to inform the public and stakeholders:

- Social media.
- Newsletters/Flyers/Fact Sheets.
- Email updates.
- Informational videos.
- Visualizations.
- Pre-Construction Kick off Virtual Public Meeting.
- Business forums.
- Project website.
- Surveys.
- Neighborhood meetings.
- Events.
- Media.

Promise to the public: During construction, the project team will inform the public and stakeholders about lane closures, traffic changes, business access impacts, work hours and work zones, detours and other construction activities that may impact quality of life. The PCT will engage with the public and stakeholders to provide up-to-date information and solicit concerns to minimize the disruption during construction.

#### Consult

The PCT consults the public and stakeholders throughout the project on how construction might impact them and how effectively project information is reaching them. The PCT uses the following to consult the public and stakeholders:

- Pre-Construction Kickoff Virtual Public Meeting.
- Project website.
- Surveys.
- Business forums.
- Neighborhood meetings.
- Events.

# Communication Tools and Techniques

The PCT proactively employs several tools and techniques to communicate project information. This section describes the tools and techniques that the PCT will use throughout construction and ties them back to the outreach objectives and goals mentioned in the opening of the PIP.

#### **Project Website**

The PCT developed a project website for the public and stakeholders to access information about the project and the planned impacts of construction. Visitors can submit questions and comments to the project team and opt-in to receive project information via email. Inquiries are addressed within 24 hours and documented in Borealis. The website includes links to important documents, maps, photos, schedule details, information on upcoming public or business community events, downloadable items, closures, and other project information. The project website includes any construction-related emergency incidents. The website is available in multiple languages through Google Translate, including those identified in the Four-Factor Analysis. The PCT chose <u>i10BroadwayCurve.com</u> as the project website Uniform Resource Locator (URL). The PCT also reserved additional URLs such as <u>i10BroadwayCurve.org</u> and <u>i10BroadwayCurve.net</u> to eliminate confusion if a website is created with a similar naming convention. During design and construction, the project website is updated frequently to communicate lane restrictions, full closures, detours and other construction-related activities. The PCT will ensure that links to documents, maps, photos, schedule details and information on upcoming public or business events are maintained throughout the duration of the project.

#### Social Media

The PCT has assigned a member to manage all social media outreach on a weekly basis. The PCT developed a posting strategy to ensure content follows best practices for audience engagement and adheres to the project's brand guidelines. Social media channels will be used to share information throughout design and construction of the project and serve as an engagement touchpoint for people who have questions and/or concerns. The project will use ADOT's social media channels, including the following:











Facebook

Χ

<u>Instagram</u>

LinkedIn

Nextdoor

#### **Project Mobile Application**

Prior to construction, the PCT launched a free smartphone application for iPhone and Android users to function as an additional channel on which important project notices can be shared quickly. The mobile app, called "The Curve," includes the following features and elements:

- A map displaying live traffic information in the project area and on nearby roads and highways.
- A hands-free look-ahead feature that announces upcoming closures, restrictions and incidents as drivers approach the project area.
- Favorite locations to save, such as home, office or any other selected addresses.
- An opt-in feature to receive push notifications such as all notifications, certain types or notifications for individual routes. Notifications include information about highway closures, detours, unplanned incidents and other significant activities in the project area.
- Predefined areas of interest in and around the project area so users can check on travel times when driving through the project area.
- A link to the project website to ask questions or provide comments about the project.

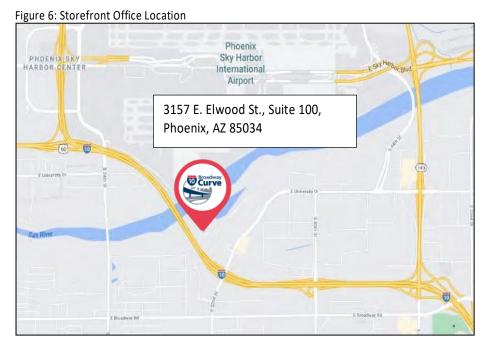


#### **Project Storefront**

The PCT has a Storefront Office within the main construction office (3157 E. Elwood St., Suite 100, Phoenix, AZ 85034) as shown in Figure 6 (below). The office helps establish project team members as a part of the local community for the project's duration. It is open from 8 a.m. to 5 p.m. Mondays through Fridays, except state holidays. The office gives the public and stakeholders access to the project team and a venue to obtain project information in case they do not have access to receive project information through other methods.

ADOT's standard nondiscrimination language is posted in the Storefront Office, along with brochures and self-identification cards. The Storefront Office is ADA-accessible and near transit connections.





#### Information Flow to Project Partners

The PCT completed extensive work to engage with project partners throughout every step of the project development lifecycle. The PCT is committed to supporting the continued engagement of project partners and understands how critical this continued engagement is to the success of the project. The PCT will continue to provide project partners with timely and accurate project information and materials throughout the duration of the project.

#### **Group Outreach and Presentations**

Early and continuous communication with stakeholders and the communities will be critical to a successful project. In addition to communicating project information, developing and sustaining relationships with the public and stakeholders is a top priority. A smoother overall project can be created if project information is shared in advance and expectations are set with the public and stakeholders. The PCT will communicate early and often with groups including but not limited to: The Curve Communications Briefing (CCB) and other groups such as large employers, business organizations, neighborhood associations, chambers of commerce and school districts. Groups may request presentations through the project email address, and this is stated in the quarterly newsletter.

#### Special Events and Tourism

The PCT maintains a list of special events that is reviewed and updated monthly. The list is developed and maintained to identify events occurring in the Phoenix Metropolitan area with specific focus on events within the local jurisdictions. The PCT also works to identify major events planned in northern Pinal County and underserved communities that may not otherwise be widely publicized. The PCT uses the list to coordinate closures and accommodate event traffic. The PCT contacts the event manager(s) to provide specific project information relevant to event planning and execution, including potential alternate routes and parking. The collaboration and coordination with the event staff are documented in Borealis. Table 4 (below) outlines key events that PCT monitors and schedules around because they anticipate 30,000 or more attendees per day.

Table 4: Kev Events

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Event Name	Location	Anticipated Date
Annual Events		
Rock and Roll Marathon	Tempe	January
Waste Management Phoenix Open	TPC Scottsdale	February
Innings Festival	Tempe	February
Arizona Aloha Festival	Tempe	March
Major League Baseball Cactus League Spring Training	Tempe Diablo Stadium	Entire month of March
Tempe Spring Festival of the Arts	Tempe	March- April
Pat's Run	Arizona State University	April
Country Thunder	Florence	April
ASU Commencement	Arizona State University	May
Tempe 4th of July Festival	Tempe	July
NFL Football	State Farm Stadium	Sundays, Mondays and Thursdays;
		August through January
Arizona State Fair	State Fairgrounds	October
Ironman Arizona	Tempe	November
Fiesta Bowl	State Farm Stadium	December
Tempe Fall Festival of the Arts	Tempe	December
Special Events		
Super Bowl 2023	State Farm Stadium	Feb. 12, 2023
NCAA Final Four	State Farm Stadium	March-April 2024

### Pre-Construction Kickoff Virtual Public Meeting

On Wednesday, Aug. 4, 2021, the BCC, in partnership with ADOT, conducted a virtual meeting to introduce stakeholders to the I-10 Broadway Curve Improvement Project. The PCT described anticipated construction phasing, shared project timelines, shared information about planned closures and discussed methods that will be used to communicate traffic closures and restrictions. The PCT promoted the project website and free project mobile app, answered questions about the project and provided project resources such as project renderings.

The PCT prepared and submitted advertising materials for the virtual public meeting. The following process was implemented:

- Developed a meeting plan for approval 60 days prior to the meeting.
- Secured placement of print advertisements in the Arizona Republic, which is the newspaper of record.
- Purchased social media ads.
- Secured print advertisement in La Voz, which is a newspaper that serves the Spanish-speaking community.
- Secured print advertisement in The Arizona Informant, which serves the African American community.
- Secured print advertisement in the East Valley Tribune, which serves the cities of Tempe and Chandler.
- Secured print advertisement in the Gilbert Sun News, which serves the town of Gilbert.
- Secured print advertisement in *The Chandler Arizonan*, which serves the city of Chandler.
- Secured print advertisement in the Ahwatukee Foothills News, which serves the Ahwatukee area of Phoenix.
- Provided direct-mail or door-hanger notifications within a one-mile radius of the project area.
- Ensured advertising and notices began two weeks in advance of the meeting date.
- Provided a virtual meeting platform that accommodated at least 500 participants.
- Provided a summary of the meeting.

To enhance meeting attendance, the PCT developed and maintains relationships with local community organizations to leverage communication channels and reach individuals who might be more difficult to reach.

Organizations included:

- Ability 360.
- Arizona Hispanic Chamber of Commerce.
- Black Chamber of Arizona.
- Chabad.
- Chicanos Por La Causa.
- Community Bridges, Inc.
- Friendly House.
- Native Health.
- Organization of Chinese Americans/Asian Pacific American Advocates.
- Phoenix Indian Center.
- Tempe Community Action Agency.
- Valle del Sol.



To view the Virtual Public Meeting Summary, click <u>here</u>.

#### **Public Relations Training**

The BCC conducted two half-day, public relations training sessions for project staff whose responsibilities include interfacing with the public and stakeholders. The trainings in February and June of 2021, provided IAP2 materials and reinforced IAP2 Core Values and Code of Ethics. Project staff were trained on how to interact with members of the public with professionalism and courtesy. The information shared during the half-day sessions will remain on file and will be made part of the PCT staff orientation training. The PCT will continually refer to the training materials to ensure that public relations and good project stewardship are top of mind. Finally, the PCT will provide tools such as Tip Cards and other communication protocols to the field teams to ensure the field teams understand the communication process.

#### Public Outreach in Noise-Sensitive Areas

The PCT understands that early communication with residents in noise-sensitive areas is critical to establishing trusting relationships and creating a conduit for regular, consistent flow of project information. The PCT informs residents in these areas of ongoing and planned construction activities that may produce higher than normal noise levels. The Communication Plan for Noise-Sensitive Areas can be seen in Appendix E and describes how the PCT communicates construction activities with residents in these areas.

#### Government Relations

ADOT Government Relations will inform and involve elected officials, local governments, and key staff members throughout the project. This coordination is important to ensure elected and appointed officials, and key local government staff members are updated with project information and can address questions or comments from constituents promptly and accurately.

#### Project Information Line and Email Address

Important tools on any project are a telephone line, email address and the ability to leave questions or comments on the project website. As a component to the maintenance of the project information line, the PCT develops a weekly message including most current project information, when pertinent.

In addition to the project information line, the PCT maintains a project email address where the public and stakeholders can submit inquiries and comments. The email address is <a href="Info@i10BroadwayCurve.com">Info@i10BroadwayCurve.com</a>. The PCT responds to all messages within 24 hours of receipt and documents the original email and response in Borealis. The PCT staff answer project information line calls Monday through Friday during regular business hours. The PCT staff respond to afterhours callers the next business day. During full closures, staff also answer project information line calls on Saturday and Sunday during regular business and respond to afterhours callers the next day. For calls identified as critical-issue calls that may escalate to news media or to elected officials, the PCT will escalate the call as follows:

- The Public Relations Manager will inform the Community Outreach Project Manager/Public Information Officer of the issue.
- The PCT will decide how to best message and respond to the issue while assuring that other appropriate project members, ADOT leadership and elected officials are aware of the situation and have updated, accurate information.

#### **Project Mailing Address**

The PCT maintains a project mailing address at 3157 E. Elwood, Suite 100, Phoenix, AZ 85034. This mailing address can be important to individuals who may not have access to the internet or digital platforms. The PCT monitors incoming mail and logs the original correspondence and responses in Borealis.

# **Project Information Materials**

The PCT ensures informational materials are provided to project partners, community centers, relevant organizations, distributed at project events, translated in language(s) identified in the Four-Factor Analysis, and repurposed on social media as appropriate. Project information materials are updated based on the progress of the project and project milestones. The materials contain detailed information about construction activities, traffic restrictions and project schedule. Project information materials include, but are not limited to the following:



The project information materials will be developed and utilized at various stages of the project. A general timeline for use or implementation for each item is shown in Table 5 (next page).

Table 5: Information Materials

Information Material	Project Fact Sheets and Flyers	Postcards and Door Hangers	E-Newsletters and Email Updates	Maps and Graphics	Videos	Brochures
What they Include	Project fact sheets and flyers include project information, methods for the public to contact the PCT and may include maps or other visuals.	Postcards and door hangers are utilized to communicate construction-related impacts, events and unplanned or emergency situations.	E-Newsletters and email updates are developed to keep the public and stakeholders informed of construction impacts and to provide overall project updates.	Maps and graphics are developed to visually communicate detours and traffic impacts.	Videos are developed to visually communicate detours and traffic impacts.	Brochures are developed to communicate construction updates and milestones.
Frequency	As needed, flyers are developed to consistently communicate the most current project information.	Postcards and door hangers are developed as needed to communicate construction impacts. They were used to advertise the virtual public meeting.	E-Newsletters are developed and sent monthly. Email updates may occur more frequently to communicate traffic impacts.	Maps and graphics are developed as needed to supplement traffic alert notification.	Videos are developed as needed to help visually communicate detour routes for full closures and to help educate the public about the project and its components, including the CD roads.	A quarterly newsletter is also developed. Other brochures are developed as needed.

#### **Engagement Tools**

To encourage the public and stakeholders to follow and engage with the project online, all project materials include the project website URL. Most people have a preferred method of receiving and reviewing project information. To accommodate a variety of methods, the PCT delivers traditional and digital tools to ensure all informational materials are accessible for all audiences.

To collect comments and survey the public and stakeholders, the PCT uses online survey tools during or after public meetings, neighborhood meetings or meetings with civic groups. These surveys allow the PCT to assess how outreach efforts are received and how the public and stakeholders perceive overall construction delivery.

#### Quick Reference (QR) Code

The PCT adds dynamic QR codes as shown in Figure 7 (right) on project collateral material such as construction notices, flyers and newsletters. The PCT developed multiple dynamic QR codes to analyze outcomes of outreach efforts. Dynamic QR codes are trackable. QR code tracking helps the PCT understand whether outreach materials are effective in the areas of dissemination.



Figure 7: Dynamic QR Codes

#### Organizations and Community Relations Program

The PCT implements community relations programs to reach and engage with a variety of communities and organizations. The following are activities that will be used in the Community Relations Program to reach communities and organizations:

- Group Presentations: The PCT provides project updates and information to groups, including business and industry organizations, homeowner's associations and civic organizations.
- Community Events: The PCT attends community events. A list of events is maintained and entered in the Borealis project calendar.
- PCT-Hosted Events: The PCT coordinates all event logistics, develops and delivers project materials, develops a map of the venue and conducts preparation meetings prior to the event.

In preparation for presentations and events, the PCT develops an event plan and, when possible, submits it 30 days prior to the event start date. For each event, all federal non-discrimination requirements for ADOT hosted events (in-person or virtually) are followed. For example, ADOT Standard Nondiscrimination Language is included on notices to the public and self-identification cards are available. Each calendar year, the PCT will attend 24 events. The PCT incorporates live polling platforms to assess how the project is being perceived and how outreach efforts are being received by the community. After each event, the PCT develops an event summary within five days of the event. The summary includes photos, number of attendees and attendee comments.

#### Media Relations

The PCT emphasizes proactive outreach to news media as well as timely responses. The project spokesperson engages members of the news media about impacts to drivers, construction updates and project milestones. The project website includes a designated online newsroom where media can find project facts and information and access maps, graphics, photos and videos. Members of the news media can submit questions or requests for information or interviews by emailing <a href="Mems@azdot.gov">News@azdot.gov</a>. The PCT strives to work with all journalists who provide information to a variety of audiences, including Spanish language media and newspapers or other media that serve minority groups and the four Native American communities within the MAG Region.

#### Paid Advertising

ADOT is implementing the first project-specific paid advertising campaign with the goals of creating project awareness; informing the public about how to stay up to date; explaining the needs and benefits of the project; and creating goodwill. To ensure maximum reach to diverse audiences, the campaign features the hashtag #StayAheadOfTheCurve and utilizes a robust mix of platforms including billboards; digital and print mediums; social media; radio; television and streaming channels; gas-pump toppers; and in-airport advertisements targeting visitors to the region. The advertising campaign is bilingual (English and Spanish) and targets publications serving the four Native American communities within the MAG Region. ADOT is working with award-winning marketing agency LaneTerralever to manage the campaign. The campaign began prior to construction in 2021 and will continue through project completion in 2024.

#### **Project Tours**

The PCT conducts regular project tours to provide an up-close look at the progression of the project. These tours are important to showcase the construction work that has been completed and ongoing work so that the media and stakeholders have a first-hand perspective and a deeper knowledge of the project and project phasing. Target groups for these tours include news media, elected officials, government entities and industry, business and community groups. The PCT may conduct 10 or more tours per year for the groups to remain well-informed and engaged about the project. Project tours will be documented and scheduled on the calendar in Borealis.

#### Maintenance of Traffic Coordination

To ensure users of I-10 and other adjacent roadways have the most timely and accurate information, the PCT has committed to working directly and closely with the Maintenance of Traffic (MOT) team. The MOT Coordinator works closely with the Public Relations Manager and is a direct resource to the PCT. In addition to providing timely, accurate and coordinated traffic information, the PCT understands that there are times when traffic changes are significant, and more education and information is required. The PCT provides an outreach plan for traffic changes on the freeway. The outreach plan includes a description of actions and materials to provide notice to users, the public and stakeholders. The outreach plan is submitted 30 days prior to the start of the traffic change. For other traffic impacts, the PCT provides a weekly construction status report and a traffic report detailing upcoming impacts to traffic.

#### Traffic and Construction Impacts Notification

Five business days prior to lane or shoulder closure and 15 business days prior to full closures, the PCT develops alerts that have graphics included to provide a more visual description of the traffic impact or construction activity and approved detour route(s). Depending on the nature of the construction impact, the PCT delivers notices door-to-door to inform directly impacted communities and businesses. The alerts are distributed via email to affected stakeholders and posted to the project website and the mobile app. The PCT provides a version of the alert seven business days prior to the start of a full closure for further dissemination through social media postings and other methods. For maintenance of traffic phase changes related to new infrastructure, such as bridges and ramps, the PCT develops a notice that is accompanied with graphics 30 business days prior to the traffic shift onto the new infrastructure.

#### **Emergency Medical Services (Coordination)**

Each construction segment manager serves as the point of contact in emergencies. After each major traffic shift, the MOT team coordinates with an EMS representative, when possible, to update access point information for EMS vehicles in case entrance to the construction area(s) is required.

#### Transportation Systems Management Meetings

The Public Relations Manager attends the monthly ADOT Central District Transportation Systems Management (TSM) meeting to share project information that can be coordinated with other ADOT or local government projects and significant events in Maricopa County. The Public Relations Manager also attends the project-specific TSM meetings to provide public relations and outreach updates related to traffic control. This includes outreach notifications that will be sent within the meeting time duration (monthly) and can also include comments or trends that the PCT tracks from comments made by the public and stakeholders.

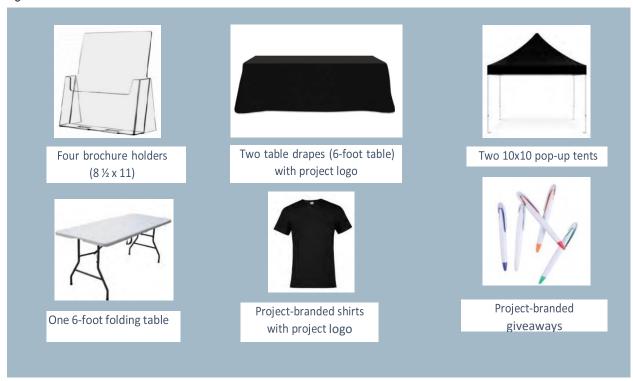
#### Business and Community Organization Outreach

The I-10 Broadway Curve corridor is a critical route for many businesses, whether they are located along it, near it or rely on it to transport people, products and services. The PCT's intention is to engage and inform business representatives early and often throughout every step of the project. This engagement includes developing project materials that can serve as resources for them to communicate project information to their customers and to companies from whom they receive deliveries, vendors and others. The PCT conducts construction briefings with businesses whose access will be impacted a minimum of seven days prior to the impact. In addition to business briefings, the PCT remains engaged with community organizations and provides them with project information to disseminate throughout their organizations. The CCB is a valuable tool for the PCT to ensure organizations remain informed and engaged and have project information available to them.

#### **Public Information Kit**

The PCT has a Public Information Kit as shown in Figure 8 (below) that it uses for community events. The PCT attends at least 24 events per year. The Public Information Kit includes the following items:

Figure 8: Public Information Kit



#### **Project Tip Cards**

The PCT has Tip Cards available in English and Spanish. The Tip Cards are also available in other languages upon request. The cards are distributed to the construction field staff. The cards include all pertinent project information such as the project information line, email address, mailing address, the project app and the project website. If approached by the public, media or stakeholders, the field staff can provide them with a project business card that includes contact information for the project. The Tip Cards can also be distributed at key gathering areas within the project area.



# Reporting and Tracking

#### Borealis

The PCT documents all public and stakeholder communications and engagement and coordinates responses as a team. The PCT records all public and stakeholder communications and engagement in Borealis. The PCT generates a weekly report from Borealis. The PCT also keeps daily tallies of emails, postal mail, phone calls and voicemails received to ensure that daily tallies are entered into Borealis. Entries include:

- Presentations to groups.
- Phone calls to the information line.
- Text messages.
- Emails.
- Letters.
- Project tours.
- Events.
- Canvassing activities.
- Online and print materials distributions.
- Advertisements for stakeholder meetings.
- Public meetings.
- News media interactions and clips.
- Questions or comments submitted via the project website.
- All visitors to and interactions that occur at the project office.

#### **Construction Operations Survey**

The PCT distributes the Construction Operations Survey on a quarterly basis to the public and stakeholders through the project website, email distribution and by handing out hard copy paper surveys upon request. The first Construction Operations Survey was distributed in January 2022 and will continue until the first full quarter following substantial completion of the project. On a rating scale, the survey measures public and stakeholder satisfaction for the following topics:

- Traffic control.
- Dust control.
- Noise control.
- Access interference.
- Encroachments to private property.
- Advance warnings of construction impacts on daily routines.
- Reliability of project information.

Survey responses are collected and summarized in a report that is delivered three weeks after the survey closes. Based on the survey results, the PCT meets to determine if any adjustments need to be made to meet the expectations of the public and stakeholders. The PCT will also determine tools that may need to be added to best communicate and engage with the public and stakeholders.

#### Social Media Listening

The PCT monitors all social media conversations and sentiment about the project. The PCT utilizes Sprout Social as the listening and sentiment platform to monitor project dialogue and provide social platform analytics. The PCT utilizes this data to stay ahead of and address negative trends. In the standard social listening plan, 10 users are included. The PCT can identify up to three topics (words, phrases and/or hashtags). The following social media profiles have been connected to Sprout Social:











Facebook

Χ

Instagram

Reddit

YouTube

#### Metrics and Measurement

Communication efforts are evaluated on an ongoing basis to ensure that techniques and communication channels are effective. The PCT prepares monthly reports and dashboard updates to summarize communication activities. The metrics and measurements associated with the strategies below help the PCT determine whether outreach goals are met and implement strategy adjustments to meet the outreach goals. The reports will include the following metrics:

- Public and Stakeholder Engagement
  - Participation on the CCB.
  - o Registrations for email notifications.
  - o Number of project-related calls to the telephone information line.
  - Number of emails, input submitted via the website and visits to the Storefront Office (planned and drop-ins).
  - Number of community events and attendees.
  - Number of positive comments and project compliments.
  - Number of one-on-one meetings with stakeholders.
- Digital Engagement
  - Number of app downloads.
  - Number of visits to project website.
  - Growth of stakeholders list.
  - Content reach and views for each social media platform.
  - Number of shares, likes, mentions and comments.
  - Overall social sentiment.
- Media coverage
  - Number of articles and segments.
  - Article and segment sentiment.
  - Consistent inclusion of key messages.



# Reputation Management Plan

The PCT has a multifaceted, multilingual Reputation Management Plan that identifies strategies and tactics that the PCT will utilize, if an employee, consultant, representative or agent of the PCT engages in an action that results in a negative impression of ADOT, its employees, or the project and/or offends the public and/or stakeholders during the project. The Reputation Management Plan is in Appendix C.

# Crisis Communication Plan

The PCT's Crisis Communication Plan outlines the roles, responsibilities and protocols that will guide prompt information sharing with ADOT and its audiences during an emergency or incident. The Crisis Communication Plan is in Appendix D.

To view the Reputation Management Plan, see Appendix C.

To view the Crisis Communication Plan, see Appendix D.

# **APPENDICES**

Appendix A	Roles and Responsibilities Matrix	37
Appendix B	Four-Factor Analysis Summary	41
Appendix C	Reputation Management Plan	44
Appendix D	Crisis Communication Plan	46
Appendix E	Communication Plan for Noise-Sensitive Areas	51



# Roles and Responsibilities Matrix

The PCT is comprised of team members from ADOT and BCC. To provide seamless communications and customer service to the public and stakeholders for this project, it is important to understand each entity's roles and responsibilities as shown in Table 6 (below).

Table 6: Roles and Responsibilities Matrix

Activities	ADOT Responsibilities	BCC Responsibilities
Borealis (Stakeholder Management System)	Procure and set up existing database information. Input all outreach events and stakeholder contact information and interactions.	Input all outreach events and stakeholder contact information and interactions. Input news media interactions, coverage and sentiment of coverage. Produce weekly report summarizing stakeholder interactions.
State and Local Government Relations	Primary responsibility	Support and provide necessary information.
Business Outreach Program	Primary responsibility to provide general oversight of outreach to businesses and organizations.	Fulfill "boots on the ground" outreach. Conduct construction briefings with businesses and organizations whose access will be impacted.
Crisis Communication Plan	Review, approval and oversight	Primary responsibility for the plan and its implementation.
Project Hotline	Review responses	Respond to phone calls, texts, and voice messages. Log all inquiries in Borealis.
Project Email	Review responses	Monitor and respond to email messages. Add messages in Borealis.
Project Mailing Address	Review responses	Monitor and respond to letters. Document correspondence in Borealis.
Public Relations Training	Attend	Provide public relations training for up to 40 participants from ADOT, GEC and Broadway Curve Constructors' teams.

Activities	ADOT Responsibilities	BCC Responsibilities
Construction Operations Survey	Review, approve, and distribute via GovDelivery email system	Draft questions, create online survey, distribute at events, and develop summary report
Public Involvement Technical Working Group Meetings	Review meeting agenda, attend and approve meeting summary	Calendar meetings, develop meeting agenda and draft meeting summary
ADOT Central District TSM Meetings	Attend	Attend and provide information as needed
Major Events Plan	Review and approve	Research all major events taking place in Maricopa County and Northern Pinal County. Develop a plan to communicate project information with affected stakeholders
Project Tours	Take requests for tours from key stakeholders, news media, elected officials, government entities, and industry, business and community groups	Coordinate tour logistics and bring project collateral
Project Photography and Videography	Review and approve	Photograph the project, produce videos throughout the duration of the project and conduct safety reviews of images before they are released.
Stakeholder and Community Meetings	Attend as needed	Coordinate meeting logistics and provide project collateral
Project-Specific TSM Meetings	Attend	Host meetings and develop meeting agenda and provide a meeting summary
EMS Coordination	Oversight	Each construction segment manager serves as the point of contact in emergencies. After each major traffic shift, the MOT team coordinates with an EMS representative, when possible, to update access point information for EMS vehicles in case entrance to the construction area(s) is required.

Activities	ADOT Responsibilities	BCC Responsibilities
Pre-Construction Kickoff Virtual Public Meeting	Review and approve meeting planning and materials	Conduct the meeting, develop meeting materials and draft meeting summary
Promotional Materials	Review and approve	Procure project-branded giveaway items.
Stakeholder Email Updates	Review, approve and send via GovDelivery email system	Draft email content
Monthly Newsletters	Review, approve and send via GovDelivery email system	Draft newsletter content and post approved newsletter to the website
Quarterly Project Newsletters	Review and approve	Draft newsletter content, post approved newsletter to website and print newsletters
Traffic Alerts	Review, approve and send via GovDelivery email system	Draft traffic alert content and develop maps and visuals
Project Website	Review and approve	Develop and manage website content and keep website content updated
Social Media	Lead and primary responsibility for social media strategy and implementation	Create content for social media and provide graphics, photos and videos
Media Relations	Primary responsibility to manage all interactions with the media	Support through development or gathering of content and information
Project Informational Materials	Review, approval and oversight of project informational materials	Develop project informational materials that could include, though are not limited to, fact sheets, FAQs, maps, flyers, email alerts, postcards, door hangers, tip cards and posters
Free Mobile Application	Review and approve	Develop, manage and update app content
Paid Advertising	Manage all paid advertising related to the campaign with LaneTerralever. Review and approve paid advertising for public meeting notifications	Secure paid advertising placements for purposes of advertising the Pre-Construction Kickoff Virtual Public Meeting
Reputation Management Plan	Review and approve	Draft and implement a Reputation Management Plan
Cox Connect2Compete	Oversight	Promote the Cox2Compete program on project collateral and community events
PCs for People	Oversight	Promote the PCs for People program on project collateral and community events
Storefront Office	Oversight	Operate and staff

Activities	ADOT Responsibilities	BCC Responsibilities
Outreach to stakeholders in identified noise-sensitive areas prior to any adjacent work	Oversight	Conduct outreach to stakeholders in noise-sensitive areas
Maintain list of Special Events and coordinate closures to accommodate event traffic	Oversight	Maintain a list of Special Events and coordinate closures
Respond to comments and questions submitted via the website and email	Review and approve	Respond to comments and questions
Staffing (BCC shall have one staff member reachable at all times to support identification of community relations issues; assist with rapid resolution of conflicts; and provide over-the-shoulder reviews of public notifications)	Oversight	Have one staff member reachable at all times
Promote the project at community events	Oversight	Identify community events, develop event plans, attend events, and provide event summary reports
For the temporary use of CD roads during construction, alert the public to the concept via the app, website and other reasonable methods (60 days in advance of implementation)	Review and approve	Develop outreach plan and content, including maps and visuals

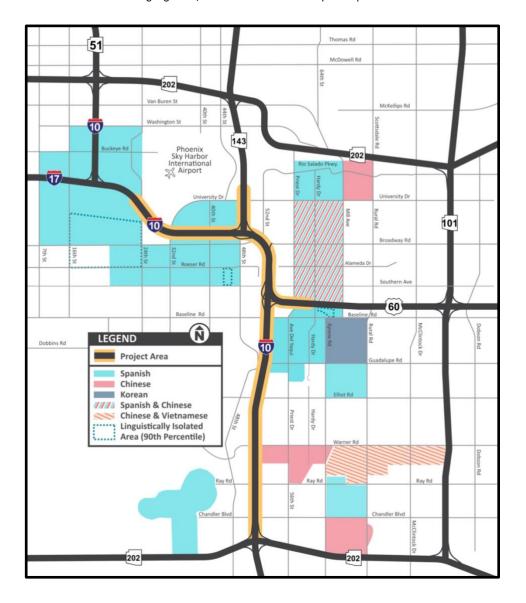
# Four-Factor Analysis Summary

Factor 1: Number and Proportion of LEP Individuals in the Service Area. The project area lies within the cities of Phoenix, Tempe, and Chandler, and the town of Guadalupe, in Maricopa County. The designated Service Area in which the analysis was conducted is inclusive of the cities of Phoenix, Tempe and Chandler, and the town of Guadalupe, in Maricopa County.

Using 2020 US Census Bureau data and 2015-2019 American Community Survey 5-Year Estimates data, the BCC identified areas in Figure 9 (below) that include linguistically isolated areas and LEP populations at or above the Safe Harbor Threshold who speak Spanish, Chinese (including Mandarin and Cantonese), Vietnamese, and Korean at home.

Outreach efforts to targeted populations in the Service Area usually relate to infrastructure, transportation, water, elections, health, special events, education and other topics. Notifications often include Spanish translation or text alerting the reader that materials in an alternate language and/or format are available upon request.

Figure 9: LEP Populations Map



An analysis of the policies and common practices of key community organizations as shown in Table 7 (below) such as South Mountain Community College, Black Family and Child Services of Arizona, Holdeman Elementary School (Tempe Elementary School District), Compadre Academy (Tempe Union High School District), city of Phoenix Civil Rights Office, the Guadalupe Community Partnership, Children's Cancer Network (Chandler) and Nozomi Aquatic Center (Chandler).

Table 7: Analysis of Policies and Common Practices of Key Organizations

Organizations	Question 1: What languages do the people you serve speak, write and read?	Question 2: What is your organization's policy on translating or providing interpretation for people you serve?	Question 3: What language assistance measures do you use?	Question 4: Do members of your service population sometimes identify as English Speakers but prefer to use a language other than English to discuss matters of special importance?
South Mountain Community College	English and Spanish	Spanish and English options are provided for all written materials and translation is provided.	Individual teachers may provide materials in Spanish.	When discussing matters of special importance, students will speak Spanish.
Black Family and Child Services of Arizona	English and Spanish	Staff is diverse and can communicate in both English and Spanish.	There are no language measures used or tracked.	When discussing matters of special importance, members speak in the language that is comfortable to them.
Holdeman Elementary School (Tempe Elementary School District)	English and Spanish	A free language line is available for all employees and is paid for by the district. Materials are provided in both English and Spanish.	The school tracks student registrations and asks key questions related to language assistance. Language proficiency is determined for each household through the tracking.	When discussing matters of special importance, Spanish is the desired language.
Compadre Academy (Tempe Union High School District)	English and Spanish	Materials are offered in Spanish and most of the staff speaks both English and Spanish.	The school offers assistance in any language requested.	When discussing matters of special importance, the students feel comfortable speaking the language that is spoken at home and with their peers.

Organizations	Question 1: What languages do the people you serve speak, write and read?	Question 2: What is your organization's policy on translating or providing interpretation for people you serve?	Question 3: What language assistance measures do you use?	Question 4: Do members of your service population sometimes identify as English Speakers but prefer to use a language other than English to discuss matters of special importance?
City of Phoenix Civil Rights Office	English and Spanish	People in the office speak both English and Spanish. All handouts and posters are developed in English and Spanish.	The Civil Rights Office provides translation assistance. Materials are available in Spanish.	When discussing matters of special importance, employees almost always use their native language.
Guadalupe Community Partnership	English, Spanish and Yaqui	A policy is not currently in place. The town provides signage in English and Spanish.	The community is predominantly bilingual.	When discussing matters of special importance, elders within the community prefer their native language.
Nozomi Aquatic Center	English and Spanish	Spanish translation and American Sign Language are provided.	The staff has experience in using American Sign Language.	When discussing matters of special importance, Spanish is the desired language.

Factor 2: Frequency of Community Member Interaction with Project. The I-10 Broadway Curve Improvement Project is within the core of the Phoenix Metropolitan area and the likelihood and frequency that LEP persons will interact with the project is high. The I-10 has been a major corridor in the Phoenix transportation system for more than 50 years and is a major commuter and commerce corridor.

Factor 3: Importance of Program Services and Activities to LEP Persons. The improvements associated with the I-10 Broadway Curve Improvement Project will directly benefit members of the community and region and are of significance to community members. The communities that will engage with the project will learn how the project may benefit or impact their quality of life, transportation options or services, commuting and routing, their property and employment centers.

Factor 4: Resources Available and Costs. Interpreters and translators are on the PCT staff and additional staff can be hired as needed to assist at meetings and telephonically and online platforms. If requested, written materials can be developed in Chinese, Korean or Vietnamese or other requested languages. The PCT includes Title VI language on paid advertisements, flyers, invitations, email notifications or other materials used to promote public meetings and/or other opportunities for public engagement and at all public meetings or events. The PCT includes a line of Chinese, Korean and Vietnamese text indicating language assistance is available. When possible, the PCT will utilize graphics, visuals and QR Codes to provide alternate formats to enhance messages.

# Reputation Management Plan

ADOT has developed a credible reputation as it has delivered transportation solutions across the state. The BCC understands the importance of preserving the reputation and continuing to maintain the trust of the public and stakeholders. The BCC is prepared to deploy strategies and tactics to effectively mitigate any action that could result in a negative impression of ADOT, its employees, or the project and/or offends the public and/or stakeholders during the project.

The BCC's Public Relations Manager will be responsible for the implementation of the multilingual Reputation Management Plan when necessary. Identifying the scope of the situation is an important first step. The Public Relations Manager will then determine appropriate disciplinary action in coordination and in sole discretion of ADOT and begin to implement the strategies and tactics of the Reputation Management Plan. It is important to note that the individual engaged in an action that has resulted in a negative impression of ADOT, its employees, the project and/or offends the public and/or stakeholders during the project, can be removed from the project. The implementation of this plan will be at the cost of the BCC and not ADOT.

#### Monitoring and Gathering Facts

As a key strategy, the BCC continually monitors phone calls, emails, input received via the website, letters and visits to the Storefront Office. ADOT monitors the social media channels used for the project through Sprout Social, a social media listening and sentiment platform. Additionally, the BCC monitors input that ADOT receives directly or from elected officials, stakeholders and the news media. Monitoring interactions with stakeholders and the community to ensure interactions are professional is of equal importance. The BCC will remain respectful and will do everything possible to build upon the positive brand identity of the project, ADOT and project partners.

The BCC will continue to gather intelligence and monitor input and feedback. Collecting input and monitoring feedback will help the BCC to modify the response strategy. Typically, during a crisis or situation that requires a response to a wrongdoing or negative action, obtaining the facts prior to speaking or acting is very important.

### Accepting Responsibility

After monitoring and gathering facts, the BCC will genuinely accept responsibility for the mistake and apologize. The BCC will not hide mistakes, deny a negative situation, dismiss the issue or blame others.

# Messaging and Response

After all the facts are collected, the BCC will develop messages and responses while determining the most transparent and genuine process to address the situation.

- The BCC will practice openness and honesty and will communicate the situation to ADOT immediately after the negative action has occurred or as otherwise directed by ADOT.
- The BCC will not implement the plan or begin responding until ADOT determines when to implement the plan. The BCC responses will not make any false promises. Facts will be respected. Additionally, the BCC will resolve the issue and develop measures to prevent issues from repeating. The measures can include training in conjunction with the implementation of other tools depending on the occurrence.
- The BCC will provide messages that are clear and practical. Messages will be targeted to appropriate channels and will demonstrate empathy to those impacted by the situation or negative action.

#### Channels of Distribution

The BCC will implement the following strategies and tactics when communicating the situation.

- Strategy: Demonstrate transparency and convey to the public that the BCC addresses the situation appropriately and professionally.
  - Tactic: The BCC will develop content and messages for all communication channels as appropriate.
- Strategy: Prepare the Governor's Office, ADOT leadership, elected officials and other high-level stakeholders with facts about the situation.
  - **Tactic:** Develop message points for these groups to ensure that they are prepared with the facts that pertain to the situation.
- Strategy: Broaden the communication reach.

**Tactics:** The BCC may secure paid advertising to disseminate information to reach a broader audience base if deemed necessary to do so. The BCC can also develop a blog post to be disseminated within the industry if the issue has extended beyond the community and has encroached within the transportation industry. The BCC is also prepared to conduct community meetings at all scales to communicate about the situation.

All the strategies will work in tandem, and the BCC will work quickly to address negative actions from employees, consultants, representatives or agents. As noted, the methods will be deployed at ADOT's sole discretion following an issue. When necessary, the BCC will continue to deploy additional strategies or remediation tools until the situation warrants discontinuation or when ADOT directs the BCC to discontinue.

#### After the Issue

After the issue has been resolved, the BCC will continue to monitor, update, analyze and learn. We understand that time is needed to return to normalcy. We understand that the issue could occur repeatedly. The BCC will continue to provide whatever may be needed such as additional paid advertisements, additional statements, content for news releases, community interactions and social media content. The BCC will continue to monitor and track sentiment through Sprout Social and Borealis.

Finally, the BCC will conduct an after-the-issue meeting with ADOT to discuss and review the following:

- How did the BCC manage the situation?
- What needs to be improved in the Reputation Management Plan?
- What should be changed to avoid the situation from repeating?
- How will the project recover and how will credibility and reputation be repaired?

#### Crisis Communication Plan

This Crisis Communication Plan (CCP) sets forth how the Interstate 10 Broadway Curve Improvement Project Team will respond to a crisis in connection with the performance of the Work<sup>1</sup>, according to the TP107.20.03 G, which includes emergencies and incidents, a sudden, catastrophic event that materially impairs the ability to use the freeway, materially and adversely impacts construction activities, requires lane closures of an unusual or more frequent nature than normal; requires a full shutdown of the roadways within the project limits; or otherwise creates a health or safety hazard.

The CCP will work in coordination with the Emergency Action Plan (EAP) which includes potential Emergencies and Incidents and serves as a systematic approach to managing each in an organized fashion. The EAP outlines protocols and procedures BCC will follow for each Emergency or Incident in connection with the performance of the Work, while the CCP will outline the approach for disseminating information.

#### Crisis Levels

BCC has developed two crisis levels that may occur in connection with the performance of the Work. The crisis levels are identified below.

Emergency (high impact) – An Emergency means any unplanned event or condition originating from within or adjacent to the project right of way that: (a) presents an immediate or imminent threat to the integrity of any part of the infrastructure of the project, to the environment, to property adjacent to the project or to the safety of the public; (b) has caused serious injury to persons, or significant damage to property or the environment within or adjacent to the project; (c) has caused a utility interruption; or (d) is recognized by the Arizona Department of Public Safety as an emergency.

Emergencies in connection with the performance of the Work may include the following:

- Fire.
- Explosion.
- Chemical release.
- Contact with energized utilities.
- Major injuries or fatalities.

- A collapse of equipment or infrastructure.
- Natural disasters.
- Hazardous materials.
- Law enforcement activities.
- Civil disruptions.

**Incident (low impact)** – An Incident means a localized disruption to the free flow of traffic to users of the Project, or a localized disruption to the safety of users of the Project. Incidents in connection with the performance of the Work may include the following:

- Spilled material or construction debris blocking at least a single travel lane.
- Barrier being struck by a piece of construction equipment that causes a traffic impact.
- Damage to the infrastructure/roadway that causes a traffic impact.
- A disabled work vehicle or equipment blocking at least a single travel lane.

<sup>&</sup>lt;sup>1</sup> Work means all of the work required under the Contract Documents, including all administrative, design, engineering, ROW acquisition, support services, Utility Adjustment Work to be furnished or provided by Developer, reimbursement of Utility Companies for Utility Adjustment Work furnished or provided by such Utility Companies or their contractors and consultants, procurement, professional, manufacturing, supply, installation, construction, supervision, management, testing, verification, labor, materials, equipment, maintenance, documentation, and other duties and services to be furnished and provided by Developer as required by the Contract Documents, including all efforts necessary or appropriate to achieve Final Acceptance, except for those efforts that the Contract Documents expressly specify will be performed by Persons other than the Developer-Related Entities.

# A Prompt and Accurate Response

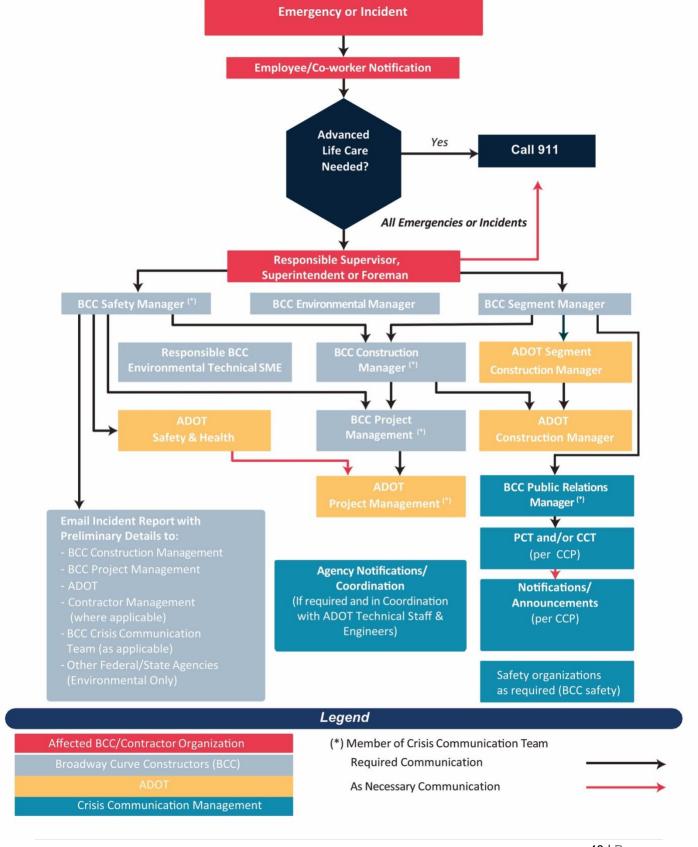
In the event of an Emergency or Incident, information and communication will be channeled through BCC and ADOT, following the Emergency and Incident flowchart as shown on the next page.

Once BCC's public relations manager is informed of an Emergency in connection with the performance of the Work, the BCC will take prompt action to disseminate information to ADOT and the Crisis Communication Team (CCT) members and their designees (Table 8) depending on the crisis level.

Table 8: CCT Members

ADOT	BCC
Rob Samour, P.E Project Director	Steve Campbell - Project Manager
Amy Ritz - Project Manager	Luke Peterson - Construction Manager
Julie Gadsby, P.E Construction Manager	Thomas Mastrocinque - Safety Manager
Joanna Bradley - Deputy Communications Director	Brock Barnhart - Public Relations Manager
for Major Projects	Amanda Nash (Designee) - Public Outreach Specialist
Jon Brodsky (Designee) - Director of Communications	
and Public Involvement	
Marcy McMacken - Community Outreach Project	
Manager/Public Information Officer	
Leonard Flores. – Pavement and Finishes	Luke Leonard - West Segment
Jeremy Sala, P.E.	Greg Edelbrock - East Segment
Nicole Moon - Public Involvement Coordinator	Angelee Samayoa - Public Outreach Specialist, Bilingual
Charlie Misra (Designee) - Public Involvement Coordinator	

# Interstate 10 Broadway Curve Improvement Project Emergency and Incident Notification Flowchart



Interstate 10 Broadway Curve Improvement Project Emergency and Incident Notification Flowchart			
-			
WHO	NOTIFIES		
Employee/Co-Worker	1. City/County Emergency Response		
	2. Immediate Supervisor		
Responsible Supervisor, Superintendent or	1. BCC Safety Department		
Foreman	Thomas Mastrocinque		
	2. BCC Segment Manager		
	• Luke Leonard - West Segment		
	Greg Edelbrock - East Segment		
BCC Segment Manager	1. BCC Construction Manager		
	• Luke Peterson		
	2. ADOT Segment Construction Manager		
	• Leonard Flores. – Pavement and Finishes		
	• Jeremy Sala, P.E.		
	3. BCC Public Relations Manager		
	Brock Barnhart		
BCC Construction Manager	1. BCC Project Manager		
	Steve Campbell		
	2. ADOT Construction Manager		
	• Julie Gadsby, P.E.		
BCC Project Manager	1. ADOT Project Manager		
	• Amy Ritz		
	2. BCC Public Relations Manager		
	Brock Barnhart		
BCC Safety Manager	1. BCC Construction Manager		
	Luke Peterson		
	2. BCC Project Manager		
	Steve Campbell		
	3. ADOT Safety & Health		
	Dalton Thompson		
ADOT Safety & Health	1. ADOT Project Manager		
	• Amy Ritz		
BCC Safety Manager	Working with BCC Project Management, Safety Manager, and Construction		
	Management, the Public Relations Manager will inform the PCT and CCT in		
	accordance with the CCP.		
	ironmental Notifications		
Employee/Co-Worker	Immediate Supervisor		
Responsible Supervisor, Superintendent or	1. BCC Segment Manager (See Contacts Above)		
Foreman	2. BCC Safety Manager (See Contacts Above)		
	3. BCC Environmental Manager		
	David Webb		
BCC Segment Manager	1. BCC Environmental Manager		
	David Webb		
BCC Environmental Manager	1. Responsible BCC Environmental Technical Subject Ma®er Expert		
	2. Agency Notifications/Coordination		
BCC Segment Manager, Construction Manager,	Notifications will be made to those same ADOT and other points of contacts as		
Project Management, and Public Relations Manager	identified in the above notification tree.		

agency to handle communication with the media and appropriate key stakeholders. BCC will be available to help coordinate with ADOT and provide information necessary to respond to the crisis. The PCT will collect critical information, including a brief synopsis of what happened, time it occurred, if there are any injuries and if traffic is impacted, and provide it to ADOT within 30 minutes of the crisis. For a crisis occurring between 3 a.m and 10 p.m., the PCT will disseminate information via established communications channels to motorists, the media, social media outlets, the project website and the mobile application to make the public aware of the crisis within one hour of the crisis. For a crisis occurring between 10 p.m and 3 a.m., the PCT will disseminate information if they expect the crisis to last longer than one hour. If the Emergency or Incident lasts more than 24 hours, BCC will provide additional printed bilingual (English/Spanish) information for dissemination through canvassing and written information and graphics for ADOT to disseminate electronically to media and social media.

ADOT staff is responsible for communication with the media, dignitaries, important visitors and high-level public officials. Any requests for escorts, tours or briefings of such individuals or groups shall be directed to ADOT.

When members of the media are at the Site<sup>2</sup> to cover a crisis, BCC or ADOT/GEC project staff or first responders who have secured the scene will direct the media to assemble in a specified area that is unaffected by the Emergency. They will receive regular updates from the incident management PIOs.

The team understands the ADOT assigned PIO or spokesperson will address all media requests and inquiries, including those of media not at the Site. If the media contact project personnel, they will inform the media that they cannot comment and will redirect media to ADOT PIO. In the absence of the assigned PIO, media inquiries will be directed to ADOT's 24-hour news media email address at News@azdot.gov.

In the event of an interruption to utilities, the utility involved will determine the area affected. Then, BCC will coordinate with the utility to notify the residents and businesses in that area. If requested, the BBC will notify residents and businesses through direct contact by placing notices on or near accessible doors (English and Spanish), talking to people in the affected area, through messages posted on the project website and mobile application, as well as updating the project information hotline. If requested, BCC will also provide the utility with any information that will allow the utility to post notifications on its website, mobile app, or other existing notification system. In addition, if the interruption warrants, ADOT will notify the news media in a manner deemed most efficient and appropriate.

**Incident-** For an Incident, BCC's public relations manager will inform the PCT but will not inform the CCT, unless the crisis level rises to an Emergency. The public relations manager will monitor the Incident to determine if the Incident becomes an Emergency.

Unplanned Events – Not Related to But Impacting the Project- In the event of an unplanned event that is not related to but impacts the I-10 Broadway Curve Improvement Project, the ADOT project team (including technical and communications staff) and key personnel in the Traffic Operations Center (TOC) will coordinate to assess the situation; determine if operational changes are necessary; develop talking points; share information with the traveling public through appropriate outreach channels; and facilitate updates for the Executive Briefing. ADOT will coordinate with Broadway Curve Constructors when operational changes are required, and provide information to share on the project website and mobile app, The Curve. The ADOT project team will communicate across disciplines by text and phone, and work through upline managers as necessary, to reduce the time lapse between the occurrence of the unplanned event and implementation of operational changes and communication efforts. An after-action meeting will occur no more than five business days after the unplanned event.

# After-Emergency Exercise

No more than five business days after an Emergency concludes, the PCT will conduct an after-Emergency exercise to discuss the event, assess how it was handled, determine what worked well, identify areas for improvement and evaluate data collected by the project team during the incident. This will allow the CCT to modify future response procedures to continually improve.

<sup>&</sup>lt;sup>2</sup>Site means Schematic ROW, Developer ROW, Replacement Utility Property Interests, any ROW where Work for the Project is to be performed, and Developer's Temporary Work Areas.

#### Introduction

The BCC has prepared a Public Involvement Plan for the project that describes the actions that will be taken to disseminate information to stakeholders and receive and respond to their comments and questions. Stakeholders, including the public, will receive construction alerts, information for traffic closures and detours, and traffic restrictions that will be communicated via social media, the project's mobile application, newsletters/flyers/fact sheets, email updates, informational videos, visualizations, the Preconstruction Kickoff Virtual Public Meeting, business forums, the project website, surveys, neighborhood meetings and at events. All of these communications will be documented in Borealis within five days. In addition to these communications, the PCT will prepare individual canvassing outreach plans for the specific noise-sensitive areas for submittal to and approval by ADOT Major Projects Communications team. These outreach plans will describe the canvassing locations and outreach materials that will be distributed. Canvassing will include the specific noise-sensitive areas and the PCT will deliver notices door-to-door to inform potentially impacted communities. Reasonable advance notice will be given, which is typically seven days prior to operations near the noise-sensitive areas.

#### Specific Noise-Sensitive Areas

The 2019 Noise Analysis Technical Report analyzed the I-10 Broadway Curve Improvement Project and provided thorough details including methodology used to determine impacts, appropriate noise abatement measures and their feasibility and reasonableness.

Potentially sensitive noise receptors identified in the vicinity of the project include land uses such as hotels, single-family and multifamily residences, parks, parking lots and cemeteries.

#### Planned Construction Methods and Operations

The following activities will occur adjacent to all specific noise-sensitive areas identified by ADOT in 2019.

- Pavement saws, jackhammers, track hoes and hoe rams will be used to break up existing roads and road surfaces where new or realigned roads will be constructed. This will also be done along the edges of existing pavement where widening is occurring and to existing shoulders or other roadway surfaces that will be removed, including interchange ramp gore areas.
- Excavators, such as a track hoe and loaders will be used to lift the materials from demolition into dump trucks to haul and use elsewhere on-site or for disposal off-site.
- The subgrade and roadbed construction will involve dump trucks delivering sand and gravel, graders or bulldozers to smooth and establish the grades and elevations and roller compactors to finish the roadbeds before asphalt or concrete is applied.
- Dump trucks will deliver asphalt from the asphalt plant that will be located outside of noise-sensitive areas and asphalt spreaders will be used to apply asphalt to the finished grade. Roller compactors will be used to establish the desired compaction and smoothness and pavement markings will be applied using trucks outfitted with spray equipment for paint or thermoplastic.
- Concrete roads will be constructed on roadbeds using similar preparation methods as with asphalt roads. Steel rebar and forms will be transported on-site and unloaded from trucks using lifts or cranes. Rebar will be cut, bent, and welded as needed to form the reinforcement and will be placed in forms. Cement trucks will deliver the concrete that will be poured or pumped into the forms and the surface finished with a screed or compacted with a float. Depending on the method used, it may be necessary to vibrate the concrete following it being poured. Some concrete roadways will be covered in a layer of asphalt friction course using a similar operation described in constructing asphalt roads. Pavement markings will be applied in the same way described above regardless of the finished road material (asphalt or concrete covered).

- Ancillary operations to many of the described operations may include transverse boring for the placement of buried utilities where open cutting is not an option. This will involve the use of jack-and-bore machines. There will also be excavations and slopes that need to be shored using driven sheet piles. These sheets will require the use of a hammer rig.
- After the road and bridge infrastructure is finished, shallow trenching and excavation using trenching excavators, hoe excavators, or hand tools will be done for the installation of landscape and buried irrigation.

#### Communication Plans within the Identified Specific Noise-Sensitive Areas

This communication plan is designed to provide information related to construction operations that are adjacent to noise-sensitive areas as identified by ADOT in the 2019 Environmental Assessment. The communication plan will provide specific communication efforts for the areas mentioned above. The plan will include a description of the area, construction activity level that will occur in the area and a communication approach for each area.

Level 1 construction activities will include but may not be limited to the following:

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures. Prefabricated forms will be used for many of the poured concrete features, such as barriers and walls.
- Similar to the methods described above for concrete roads, steel rebar will be delivered and unloaded onsite. In some cases, rebar will be delivered as prefabricated cages and ready for use. However, some rebar may require cutting, bending, and possibly welding.
- For tall structures like noise barriers, the forms may be loaded, unloaded, and positioned using cranes. Barriers may be constructed by slip-forming using a machine. Concrete will be delivered by trucks and either poured or pumped into forms. Foundations for walls will require the use of a bulldozer to prepare the surface and foundations. If the foundations are shallow, they can be excavated with a track hoe.

Level 2 construction activities will include all of Level 1 activities and construction of noise barriers, drilled shafts and bridges.

- Noise barriers may have cast-concrete elements but will be partially constructed from masonry block. Block will be trucked to the site, unloaded using lifts, and stacked using mortar that will be mixed on-site using a powered mixer. Person-lifts will be used in locations to reach the upper courses of the walls.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment for bentonite slurry. Earthwork, typically performed by a bulldozer, will be used to contour the locations of these structures and construct the adjoining slopes and abutments.
- Bridges will have cast-in-place foundations and decks but may have precast girders or other elements. The cast-in-place elements will involve metal forms that will be trucked in and lifted into position using cranes. These elements will involve reinforcing rebar that will be transported, handled, and fabricated as previously described. The precast elements will also be trucked in and unloaded with lifts and placed by cranes. The concrete for the cast-in-place elements will be delivered by cement trucks and either poured by gravity or pumped into forms. As with the other concrete structures, screeds, floats, or slip-forming machines may also be involved.

The BCC will develop an information sheet (enclosed) for each noise-sensitive area that will include general project information, project contact information and specific information related to the construction activities that will occur in this noise-sensitive area. The information sheet will be double-sided with English on one side, Spanish on the other side and will include the ADOT nondiscrimination language to provide a resource for any individual who requires a reasonable accommodation for language or a disability in order to obtain information about the project. Multiple information sheets may be required for each area depending on new activities if not previously addressed. ADOT will ensure that the local jurisdiction is informed of the construction activities as well as the outreach that will be performed.

Noise- Sensitive Area	Area Description	Construction Activity Level	Communication Approach	Local Jurisdiction and Contact Person
EX-1 and NB-1	Multi-family units (Hallcraft Villas East and Tempe Butte Condominiums)	Level 2	Information sheet(s) will be hand-delivered door-to-door to the first row of homes or residences next to the project right of way and information sheet(s) will be emailed to the property management companies that manage the homeowners' associations for the Hallcraft Villas East and Tempe Butte Condominiums for dissemination to residents.	City of Phoenix
EV-1	Double Butte Cemetery and Marriott Resort Tempe Buttes	Level 1	Information sheet(s) will be emailed to Double Butte Cemetery and Marriott Resort Tempe Buttes management.	City of Tempe Chad Weaver
EV-2 and EV-3	Outdoor areas associated with nearby hotels	Level 2	Information sheet(s) will be hand- delivered door-to-door to each hotel next to the project.	City of Tempe Chad Weaver
EV-4	Multi-family units (San Portella Apartments)	Level 2	Information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management companies that manage the San Portella Apartments for dissemination to residents.	City of Tempe Chad Weaver
EV-5 and NB-2	Age-restricted manufactured homes (The Meadows)	Level 2	Information sheet(s) will be hand-delivered door-to-door to the first row of homes or residences next to the project right of way and the information sheet(s) will be emailed to the property management company that manages The Meadows homeowners' association for dissemination to residents.	City of Tempe Chad Weaver
NB-3	Single-family units (Peterson Park subdivision)	Level 2	Information sheet(s) will be hand- delivered door-to-door to the first row of homes or residences next to the project right of way.	City of Tempe Chad Weaver

Noise- Sensitive Area	Area Description	Construction Activity Level	Communication Approach	Local Jurisdiction and Contact Person
NB-4	Multi-family units (Galleria Palms Apartments and Tempe Villages)	Level 2	Information sheet(s) will be hand-delivered door-to-door to the first row of homes or residences in Tempe Villages that are next to the project right of way. The information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management company that manages the Galleria Palms Apartments for dissemination to residents.	City of Tempe Chad Weaver
NB-5	Manufactured homes (Rancho Tempe), single-family units (Southern Palms subdivision) and multi-family units (Ovation Tempe Apartments)	Level 2	Information sheet(s) will be hand-delivered door-to-door to the first row of homes or residences in Rancho Tempe and Southern Palms that are next to the project right of way. The information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management company that manages the Ovation Tempe Apartments for dissemination to residents.	City of Tempe Chad Weaver
EV-7	Single-family units (Solares and Guadalupe replotted subdivisions)	Level 1	Information sheet(s) will be hand- delivered door-to-door to the first row of homes or residences next to the project right of way.	Town of Guadalupe Jeff Kulaga
EV-6	Multi-family units (Pointe at South Mountain Apartments)	Level 2	The information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management of the Pointe at South Mountain Apartment Homes for dissemination to residents.	City of Phoenix
NB-6	Multi-family units (Carlyle at South Mountain)	Level 2	The information sheet will be hand-delivered and emailed, if an email address is available, to the property management of the Carlyle at South Mountain Apartments for dissemination to residents.	City of Phoenix
NB-7	Single-family units (West Guadalupe)	Level 2	Information sheet(s) will be hand- delivered door-to-door to the first row of homes or residences next to the project right of way.	Town of Guadalupe Jeff Kulaga

Noise- Sensitive Area	Area Description	Construction Activity Level	Communication Approach	Local Jurisdiction and Contact Person
EX-2 and EV-10	Multi-family units (Serafina Apartments and Pacific Bay Club Apartments)	Level 1	Information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management companies for the Serafina Apartment Homes and Pacific Bay Club Apartments for dissemination to residents.	City of Phoenix
EV-8	Single-family units (Ahwatukee)	Level 1	Information sheet(s) will be hand- delivered door-to-door to the first row of homes or residences next to the project right of way.	City of Phoenix
EV-9	Single-family units (Ahwatukee), multi-family units (Array South Mountain Apartments) and public park (Mountain Vista)	Level 1	Information sheet(s) will be hand-delivered door-to-door to the first row of homes or residences next to the project right of way. Information sheet(s) will be hand-delivered and emailed, if an email address is available, to the property management company for Array South Mountain Apartments for dissemination to residents. The BCC will coordinate with the city of Phoenix to post information at kiosks at the Mountain Vista Park.	City of Phoenix

#### Noise-Sensitive Area (EX-1/NB-1)





## **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



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#### **Construction Details**

Construction activities in this area will include reconstruction of ramps associated with I-10 eastbound connections to 48th Street and Broadway Road, excavation of a new stormwater detention basin, landscaping, bridge construction and widening I-10.

#### What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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#### **For More Information:**

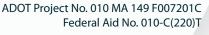


**Bilingual Project Information Line:** 602.501.5505



Arizona Department of Transportation

Email: Info@i10BroadwayCurve.com





Online: <u>i10BroadwayCurve.com</u>

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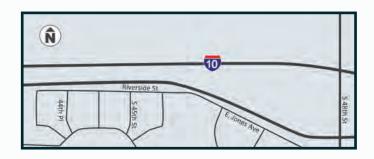


## Descripción del Proyecto

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.

#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán la reconstrucción de las rampas de salida relacionada con las conexiones del I-10 en dirección este a 48th Street y Broadway Road, la construcción de una cuenca de retención de aguas pluviales, jardinería, la construcción de puentes, y la ampliación de la I-10.



#### Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.structures, adjoining slopes and abutments.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Para más información:



Arizona Department of Transportation

ADOT Project No. 010 MA 149 F007201C Federal Aid No. 010-C(220)T



Correo electrónico: Info@i10BroadwayCurve.com

Línea telefónica de información bilingüe sobre el proyecto: 602.501.5505



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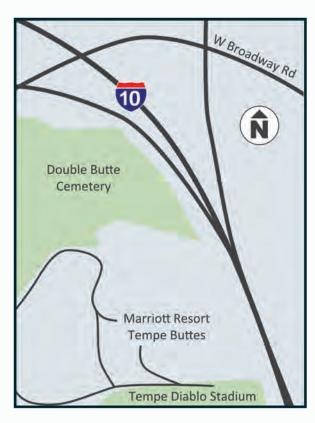
Noise-Sensitive Area (EV-1, EV-2, EV-3 and EV-4)





### **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



#### Construction Details

Construction activities in this area will include realignment of Broadway Road, the addition of ramps for the Collector-Distributor roads and widening I-10.

## What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Foundations will require earthwork using equipment such as a bulldozer.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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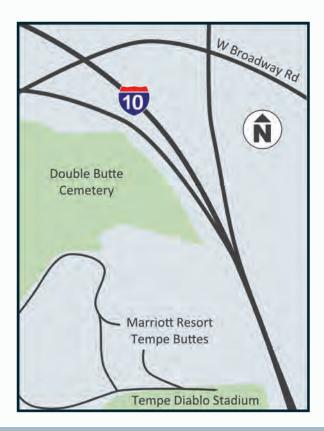
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# Descripción del Proyecto

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán la realineación de Broadway Road, la construcción de rampas para las carreteras colectores-distribuidores, y la ampliación de la I-10.

# Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Los cimientos requerirán el uso de equipo, como una excavadora, para preparar la superficie.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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### **Project Overview**

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#### **Construction Details**

Construction activities in this area will include realignment of Broadway Road, excavating a new stormwater detention basin, landscaping, bridge construction and widening I-10.

### **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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# Descripción del Proyecto

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.

#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán la realineación de Broadway Road, la excavación de una nueva cuenca de retención de aguas pluviales, jardinería, la construcción de puentes, y la ampliación de la I-10.



## Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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## **Project Overview**

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#### **Construction Details**

Construction activities in this area will include adding new ramps for the Collector-Distributor roads, bridge construction and widening I-10.

# **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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# **Descripción del Proyecto**

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



# Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán la construcción de rampas para las carreteras colectoresdistribuidores, la construcción de puentes, y la ampliación de la l-10.

### Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
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- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Para más información:



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Noise-Sensitive Area (EV-5, NB-2, NB-3 and NB-4)







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## **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.

#### **Construction Details**

Construction activities in this area will include realignment of ramps associated with the I-10/US 60 interchange and new Collector-Distributor roads, bridge construction and widening I-10.

### What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment.
   Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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#### For More Information:



**Bilingual Project Information Line:** 602.501.5505



Arizona Department of Transportation

ADOT Project No. 010 MA 149 F007201C Federal Aid No. 010-C(220)T



**Email:** Info@i10BroadwayCurve.com



Online: <u>i10BroadwayCurve.com</u>

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# Descripción del Proyecto

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.

#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán el realineamiento de las rampas relacionado con el intercambio de la I-10, la US-60, y las carreteras colectores-distribuidores, la construcción de puentes, y la ampliación de la I-10.

# Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

## Regístrese para recibir alertas y actualizaciones sobre el tráfico: i10BroadwayCurve.com

#### Para más información:



Arizona Department of Transportation

ADOT Project No. 010 MA 149 F007201C Federal Aid No. 010-C(220)T



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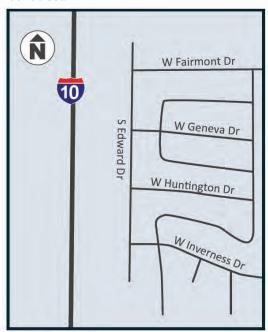
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# **Project Overview**

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#### **Construction Details**

The project includes building a 16-foot-high (from exposed ground to top of wall) sound wall at the Peterson Park subdivision. Construction activities in this area will include realignment of ramps associated with the I-10/US 60 interchange and new Collector-Distributor roads, bridge construction and widening I-10.

## What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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#### For More Information:



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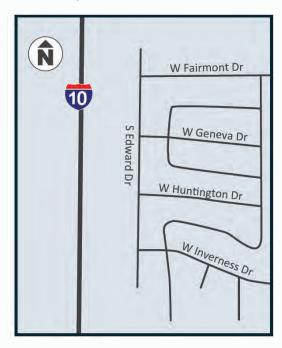
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# **Descripción del Proyecto**

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

El proyecto incluye la construcción de una pared acústica de 16 pies de alto (del suelo expuesto a la parte superior de la pared) en subdivisión de Peterson Park. Las actividades de la obra de construcción en esta área incluirán el realineamiento de las rampas relacionada con el intercambio de la I-10 y la US-60, y nuevas carreteras colectores-distribuidores, la construcción de puentes, y la ampliación de la I-10.

### Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación.
   Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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## **Project Overview**

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#### Construction Details

The project includes building a 18-foot-high (from exposed ground to top of wall) sound wall at the Galleria Palms Apartments. Construction activities in this area will include realignment of ramps associated with the I-10/US 60 interchange and new Collector-Distributor roads, bridge construction and widening I-10.

## What To Expect

- Power saws, nail guns and hammers will be used for construction wood framing for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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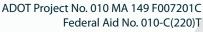


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# **Descripción del Proyecto**

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

El proyecto incluye la construcción de una pared acústica de 18 pies de alto (del suelo expuesto a la parte superior de la pared) en los apartamentos Galleria Palms. Las actividades de la obra de construcción en esta área incluirán el realineamiento de las rampas relacionada con el intercambio de la I-10 y la US-60, y las carreteras colectores-distribuidores, la construcción de puentes, y la ampliación de la I-10.

# Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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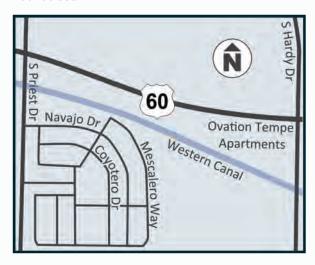
#### Noise-Sensitive Area (NB-5)





#### **Project Overview**

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#### **Construction Details**

The project includes building a 16-foot-high (from exposed ground to top of wall) sound wall at the Rancho Tempe subdivision. Construction activities in this area will include widening US 60 and realigning the Priest Drive on-ramp.

## **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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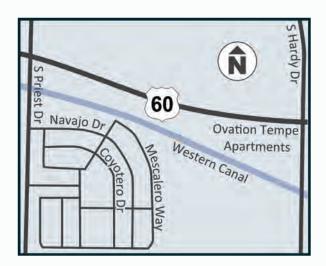
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#### Detalles de la obra de construcción

El proyecto incluye la construcción de una pared acústica de 16 pies de alto (del suelo expuesto a la parte superior de la pared) en la subdivisión de Rancho Tempe. Las actividades de la obra de construcción en esta área incluirán el realineamiento del la rampa de entada de la US-60 en Priest Drive y la ampliación de la I-10.

#### Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- • El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Noise-Sensitive Area (EV-7)





#### **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and realigning the eastbound I-10 Baseline Road off-ramp.

## **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, forms and concrete.
- Foundations will require earthwork using equipment such as a bulldozer.
- General working hours include daytime work from 6 a.m. To 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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#### For More Information:



**Bilingual Project Information Line:** 602.501.5505



Arizona Department of Transportation



Email: Info@i10BroadwayCurve.com

ADOT Project No. 010 MA 149 F007201C Federal Aid No. 010-C(220)T



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# Descripción del proyecto

El proyecto de la mejora del Interestatal 10 de la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el este del I-10 y realinear la vía de salida de la Baseline Road que va hacia el este del I-10.

## Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto; y
- Los cimientos van a requerir excavaciones usando equipo como una excavadora.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Para más información:



Arizona Department of Transportation

ADOT Project No. 010 MA 149 F007201C Federal Aid No. 010-C(220)T



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#### Noise-Sensitive Area (EV-6, NB-6 and NB-7)





# **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and constructing and widening a multiuse path on the existing Guadalupe Road bridge.

## **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, these operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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# **Descripción del Proyecto**

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en este área incluirán agregar un carril de adelantamiento hacia el este del I-10 y construir y expandir un camino multiuso en el puente existente del Guadalupe Road.

#### Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Las plataformas de perforación se construirán para los puentes y los cimientos de paredes altas con el uso de equipo de perforación.
   Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo.
- Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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## **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



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#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and constructing and widening a multiuse path on the existing Guadalupe Road bridge. The project includes building a 16-foot-high (from exposed ground to top of wall) sound wall at the Carlyle at South Mountain Apartments.

### What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Noise barriers will be partially constructed from masonry block. Block will be trucked to the site, unloaded using lifts, and stacked using mortar that will be mixed on-site using a powered mixer.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including
  the noise barriers, and will be established using drilling equipment.
  Depending on the underlying geology, these operations may involve
  pumping equipment. A bulldozer will be used to contour the locations of the
  structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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## Descripción del proyecto

El proyecto de la mejora del Interestatal 10 de la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el este del I-10, y construir y ampliar un camino multiuso al puente existente de elGuadalupe Road. El proyecto construirá una pared acústica de 16 pies de alto (del suelo expuesto a la parte superior de la pared) en los apartamentos Carlyle at South Mountain.

# Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Se construirán parcialmente barreras acústicas de bloques de cemento. Los bloques van a ser transportados a la obra en camiones, se descargarán con grúas, y se apilarán con mortero que se mezclará en el sitio con un camión hormigonero.
- Las plataformas de perforación se utilizará para los puentes y los cimientos de paredes altas, incluido las paredes acústicas, con el uso de equipo de perforación.
   Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo. Una excavadora se usará para hacer el contorno de las ubicaciones de estas estructuras, las cuestas, y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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## **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



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#### **Construction Details**

Construction activities in this area will include adding an outside lane to westbound I-10, excavating a stormwater detention basin and constructing and widening a multiuse path on the existing Calle Guadalupe bridge. The project includes building a 14-foot-high (from exposed ground to top of wall) sound wall along the freeway right of way.

### What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- · Some rebar may require cutting, bending, and possibly welding.
- Noise barriers will be partially constructed from masonry block. Block will be trucked to the site, unloaded using lifts, and stacked using mortar that will be mixed on-site using a powered mixer.
- Drilled shafts will be utilized for bridges and tall-wall foundations, including the noise barriers, and will be established using drilling equipment. Depending on the underlying geology, operations may involve pumping equipment. A bulldozer will be used to contour the locations of the structures, adjoining slopes and abutments.
- Bridges will have foundations and decks that will require metal forms be trucked in and lifted into position using cranes.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

#### For More Information:





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ADOT Project No. 010 MA 149 F007201C

Federal Aid No. 010-C(220)T

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# Descripción del proyecto

El proyecto de la mejora del Interestatal 10 de la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el oeste del I-10, excavar depósitos de retención de aguas pluviales y construir y ampliar un camino multiuso al puente existente de la Calle Guadalupe. El proyecto va a construir una pared acústica de 14 pies de alto (desde el suelo expuesto hasta la parte superior de la pared) a lo largo del derecho de paso de la autopista.

## Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Se construirán parcialmente barreras acústicas de bloques de cemento. Los bloques van a ser transportados a la obra en camiones, se descargarán con grúas, y se apilarán con mortero que se mezclará en el sitio con un camión hormigonero.
- Las plataformas de perforación se utilizarán para puentes y los cimientos de paredes altas, incluido las paredes acústicas, con el uso de equipo de perforación. Dependiendo de la geología subyacente, estas operaciones pueden involucrar equipo de bombeo Una excavadora se usarán para hacer el contorno de las ubicaciones de estas estructuras, las cuestas, y contrafuertes adyacentes.
- Los puentes tendrán cimientos y plataformas que requerirán que se transporten y levanten siluetas de metal para situarlas usando grúas.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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6

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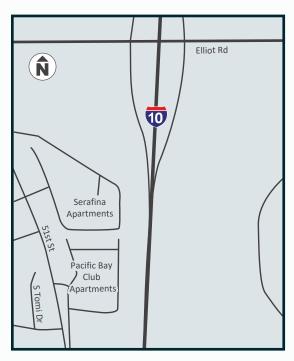
#### Noise-Sensitive Area (EX-2/EV-10)





# **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and realigning the eastbound I-10 Elliot Road on-ramp.

### What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Foundations for walls will require the use of a bulldozer to prepare the surface.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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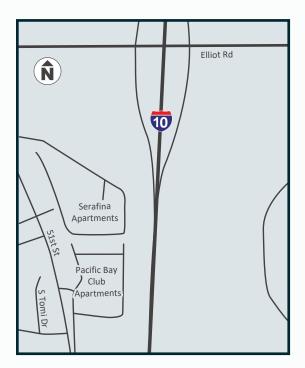
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# Descripción del proyecto

El proyecto de la mejora del Interestatal 10 de la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.



#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el este del I-10, y realinear la vía de salida de la calle Elliot Road hacia el este del I-10.

## Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Los cimientos para las muros requerirán el uso de una excavadora para preparar la superficie.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Para más información:



Arizona Department of Transportation

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#### Noise-Sensitive Area (EV-8)







#### **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.

#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and realigning the eastbound I-10 Warner Road off-ramp.

# What To Expect

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
- Some rebar may require cutting, bending and possibly welding.
- Foundations for walls will require the use of a bulldozer to prepare the surface.
- General working hours include daytime work from 6 a.m. to 4 p.m. and nighttime work from 9 p.m. to 3 a.m.

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#### **For More Information:**



**Bilingual Project Information Line:** 602.501.5505



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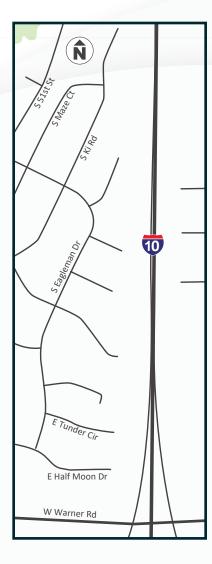
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# **Descripción del Proyecto**

El proyecto de la mejora del Interestatal 10 en la Curva de Broadway recorre una distancia de 11 millas del I-10 entre el Loop 202 (Autopista Santan/South Mountain) y el I-17 cerca del Aeropuerto Internacional Sky Harbor de Phoenix. Éste es el primer proyecto urbano grande de reconstrucción de una autopista en el Condado Maricopa. El proyecto ampliará el I-10 a seis carriles de uso general y dos carriles para vehículos ocupados por más de dos pasajeros (HOV) en cada dirección entre la autopista US 60 (Superstition Freeway) y el I-17, y se agregará un cuarto carril para propósito general en cada dirección entre la Ray Road y la autopista US 60. ADOT también está construyendo carreteras colectores-distribuidores paralelos a la I-10 en dirección este y oeste entre Baseline Road y 40th Street.

#### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el este del I-10 y realinear la vía de salida de la calle Warner Road hacia el este del I-10.

# Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
- Camiones que van a entregar una variedad de materiales, incluidos barras de acero, siluetas de metal y concreto.
- Tal vez se requiera que se corten, doblen y posiblemente suelden algunas barras de metal.
- Los cimientos para las paredes requerirán el uso de una excavadora para preparar la superficie.
- El horario de trabajo general incluye el trabajo diurno de 6 a.m. a 4 p.m. y trabajo nocturno de 9 p.m. a 3 a.m.

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#### Noise-Sensitive Area (EV-9)





# **Project Overview**

The I-10 Broadway Curve Improvement Project runs along 11 miles of Interstate 10 between the Loop 202 (Santan/South Mountain Freeway) and I-17 near Phoenix Sky Harbor International Airport. This is the first major urban freeway reconstruction project in Maricopa County. The project will widen I-10 to six general purpose lanes and two high-occupancy vehicle (HOV) lanes in each direction between US 60 (Superstition Freeway) and I-17, and add a fourth general purpose lane in each direction between Ray Road and US 60. ADOT is also building Collector-Distributor roads parallel to east- and westbound I-10 between Baseline Road and 40th Street.



#### **Construction Details**

Construction activities in this area will include adding an outside lane to eastbound I-10 and realigning the eastbound I-10 Ray Road off-ramp.

#### **What To Expect**

- Power saws, nail guns and hammers will be used for constructing wood framing forms for cast-in-place concrete structures.
- Trucks will deliver a variety of materials, including steel rebar, metal forms and concrete.
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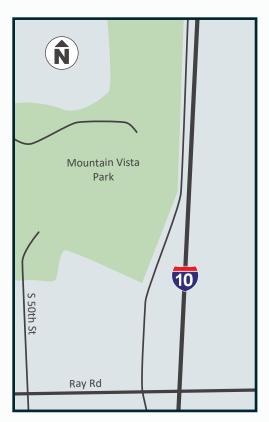
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# Descripción del proyecto

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### Detalles de la obra de construcción

Las actividades de la obra de construcción en esta área incluirán agregar un carril de adelantamiento hacia el este del I-10 y realinear la vía de salida de la calle Ray Road hacia el este del I-10.

## Qué es lo que se espera

- Motosierras, pistola de clavos y martillos que se usarán para construir las estructuras de madera para los moldes de concreto vaciado en el piso.
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