

Mockingbird Ln Improvements Lincoln Dr to McDonald Dr

CIP Project No. 2018-03

Project Update: Design Phase

September 22, 2022





Agenda

- Project Overview
- Project Funding
- Project Considerations
- Public Outreach
- Roadway Cross-Section
- Roll Plot (Concept)
- Next Steps
- Staff Request
- Questions & Discussion





Project Overview

This project was first identified in the Town's Capital Improvement Program (CIP) in 2018.

- Bring this section of Mockingbird Ln up to minor arterial roadway standards per the Town's General Plan
- Any work performed must be completed prior to the asphalt mill & overlay on Mockingbird Ln

In 2019, the Town applied for federal grant for the construction of project

- Fiscal year 2024 (July 1, 2023 to June 30, 2024)
- Administered by the Arizona Department of Transportation (ADOT)
- Congestion Mitigation & Air Quality Improvement (CMAQ) Program

Town evaluation includes:

- Analysis to mitigate right of way erosion due to storm water
- Identification of areas for compliance with Americans with Disabilities Act (ADA)
- Identification of existing sidewalks and potential additions
- Analysis of non-motorized uses (bicyclists and pedestrians)





Project Funding

Prior	Expenditures	2023	2024	2025	2026	2027	Total
105,000	Professional Services	275,000					275,000
Total	Land/ROW (Easements)	25,000					25,000
	Construction	100,000	1,266,000				1,366,000
	Construction Admin		25,000				25,000
	Total	400,000	1,291,000				1,691,000

Prior	Funding Sources	2023	2024	2025	2026	2027	Total
105,000	Federal CMAQ Funds		1,266,000				1,266,000
Total	Town of Paradise Valley	400,000	25,000				425,000
	Total	400,000	1,291,000				1,691,000

Congestion Mitigation & Air Quality (CMAQ) Program

- Provides 94.3% of Construction Cost

Town responsible for:

- 5.7% of Construction Cost
- 100% of all other costs (design & easements)

Notes:

- 1) Above figures as shown in the CIP FY23-27 program with construction starting in FY23 (June 2023).
(contingent of federal funding availability)
- 2) Above construction amounts are based on 2019 unit prices; need updated cost estimate prior to advertising.
- 3) Per IGA with ADOT, the town is responsible for any amount above current grant amount of \$1,266,000.
- 4) With Town Council's support, staff anticipates seeking MAG approval to advance project from FY24 to FY23 and to seek additional grant funding to reflect today's market.



Project Considerations

- Public Outreach
- Historical Drainage Patterns
- General Plan (Minor Arterial)
- Engineering Design Standards & Guidelines (see next slide)
- Maintenance
 - Landscape by Property Owners
 - Sidewalk by Town
- Right of Way / Easements
- Utility Adjustments/Relocations
- Environmental



Typical morning traffic (looking north to Lincoln Dr)
Above photo taken 8/24/2022 6:30am



Public Outreach



PUBLIC NOTICE

Mockingbird Ln Improvements: Lincoln Dr to McDonald Dr
CIP Project No. 2018-03

This notice is to inform nearby property owners and other interested individuals of the proposed project.

Issued: August 2, 2021

- Aug 2021 Promote: Website, Project Survey, Listserv Mailers (60 lots)
Town Manager's Weekly Update



PUBLIC NOTICE

Mockingbird Ln Improvements: Lincoln Dr to McDonald Dr
CIP Project No. 2018-03

This notice is to inform nearby property owners and other interested individuals of the proposed project.

Issued: September 28, 2021

- Sept 2021 Public Meeting #1 Notification & Survey Mailers (60 lots)
Email/text listserv (AlertPV)
Town Manager's Weekly Update



PUBLIC NOTICE

Mockingbird Ln Improvements: Lincoln Dr to McDonald Dr
CIP Project No. 2018-03

This notice is to inform nearby property owners and other interested individuals of the proposed project.

Issued: January 27, 2022

- Oct 2021 Public Meeting #1 via Zoom
12 households (20 total participants)

The Town of Paradise Valley will host a second public meeting for the project as a follow up to a public meeting held on October 5, 2021, where residents had questions regarding the location of sidewalk, drainage improvements, and the potential for traffic speed mitigation.

This outreach process allows the public to provide valuable feedback to the project team, staff, and Town Council.

What: The Town of Paradise Valley will host a live online open house for the public. Pre-registration is strongly encouraged by emailing jharris@paradisvalleyaz.gov or by calling 480-348-3622.

When: Thursday, February 3 from 4:30 PM to 5:30 PM

Where: Join Zoom Meeting

<https://us02web.zoom.us/j/88644190267?pwd=V2l0VWluYU1VdG9BZWlnKMFoZFcExidz09>

Meeting ID: 886 4419 0267

Passcode: 154756

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

To test your audio/video device, please visit link <https://support.zoom.us/hc/en-us/articles/115002262083> prior to the open house to ensure your successful participation.

- Jan 2022 Public Meeting #2 Notification Mailers (60 lots)
Email/text listserv (AlertPV)
Town Manager's Weekly Update

- Feb 2022 Public Meeting #2 via Zoom
7 households (17 total participants)

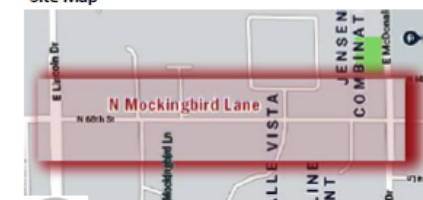
LOCATION

Mockingbird Ln from Lincoln Dr to McDonald Dr

QUESTIONS / COMMENTS

Project Hotline: 480-348-3622

Site Map





Public Outreach



PUBLIC NOTICE

Mockingbird Ln Improvements: Lincoln Dr to McDonald Dr
CIP Project No. 2018-03

This notice is to inform nearby property owners and other interested individuals of the proposed project.

- Mar 2022 Town Council Meeting (Proceed with Design)
- Aug 2022 Public Meeting #3 Notification
Mailers (60 lots)
Email/text listserv (AlertPV)
Town Manager's Weekly Update
- Aug 2022 Public Meeting #3 via Zoom
13 households (23 total participants)
- Sept 2022 Town Council Meeting (Design Progress)

Issued: August 12, 2022

The Town of Paradise Valley will host a third public meeting for the project as a follow up to public meetings held on October 5, 2021 and February 3, 2022. The Town has been working with all stakeholders (residents, motorists, bicyclists/pedestrians, utility providers, and funding partners) on the proposed improvements to increase safety and to improve drainage in the area. The Arizona Department of Transportation (ADOT) will administer the construction planned for 2023/2024.

This outreach process allows the public to provide valuable feedback to the project team, staff, and Town Council.

What: The Town of Paradise Valley will host a live online open house for the public. Pre-registration is strongly encouraged by emailing jharris@paradisvalleyaz.gov or by calling 480-348-3622.

When: Wednesday, August 24 from 4:30 PM to 5:30 PM

Where: Join Zoom Meeting

<https://us02web.zoom.us/j/85901333164?pwd=bExjNGhreXcvUU1na2NHMU6S0N6Zz09>

Meeting ID: 859 0133 3164

Passcode: 699313

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

To test your audio/video device, please visit link <https://support.zoom.us/hc/en-us/articles/115002262083> prior to the open house to ensure your successful participation.

LOCATION

Mockingbird Ln from Lincoln Dr to McDonald Dr

QUESTIONS / COMMENTS

Project Hotline: 480-348-3622

Project Manager: Jason Harris, jharris@paradisvalleyaz.gov

Site Map



UPDATES

Website: <https://alertpv.us/cip> click on project 'Mockingbird Ln Improvements: Lincoln Dr to McDonald Dr'

AlertPV: <https://alertpv.us/rcv> subscribe to 'Capital Project Notices' (text and/or email listserv)



Public Outreach

Issues of Concern

- **Speeding**
- **Drainage**
- **Bicycle Groups**
- **Sidewalks**





Public Outreach

Speeding Concerns

Considerations / Challenges / Solutions

- **Roundabouts & Median Islands**
Additional Right-of-Way
- **Chicanes**
- **Stop sign(s)**
Warrant Criteria
- **Speed humps**
Only permitted on residential streets
- **Speed feedback sign(s)**
Solution that can be installed
- **Other Solutions to reduce speeds:**
 - Concrete Crossings (Illusion of raised or recessed)
 - Narrowing of Drive Lanes (Add Bike Lanes)
 - Photo Enforcement (Van or Portable Unit)



Speed
Feedback
Sign



Chicanes on Sweetwater Ave, East of Hayden Rd



Concrete Crossing (north of Indian Bend Rd)



Public Outreach

Drainage Issues

Considerations / Challenges / Solutions

- Historical drainage patterns
- Drainage swales, where needed
- Concrete Crossings



Concrete Crossing (north of Indian Bend Rd)



Public Outreach

Bicycle Groups

Considerations / Challenges / Solutions

- Arizona laws ARS 28-812 & 815
(cyclist may use entire travel lane in absence of bike lane; cyclist is to ride as close to right-hand curb or edge of roadway unless making left turn or to avoid object)
- Education, Enforcement, & Engineering
- Signage – for cyclists



Lincoln Dr, east of Mockingbird, looking east
8/25/2022 6:00AM



Mockingbird, west of Invergordon, looking west
9/6/2022 7:00AM



Public Outreach

Sidewalks

Considerations / Challenges / Solutions

Eastside:

- Colored concrete sidewalk
attach sidewalk to curb, where possible
- Pedestrian access with granite surface
- No sidewalk

Westside:

- Reconstruct and install ADA compliant sidewalk



Public Outreach

Ways to stay informed about the project

- Website: <https://alertpv.us/cip>
- Capital Project Notices (text & email listserv): <https://alertpv.us/rcv> (town-wide public notices)
- Email listserv (Mockingbird Ln residents & other interested individuals) (must opt-in by emailing Project Manager)
 - Advantages: Email notification when project website has been updated with new content
 - Email in addition to mailer (hard copy) for Open Houses
 - Advance notification when staff plans to present project update(s) to Town Council
- Project Hotline: 480-348-3622
- Project Manager: Jason Harris, jharris@paradisevalleyaz.gov



Public Outreach

See Attached Exhibit D on Public Comments Received To Date

- Online Survey (Aug – Dec 2021) Comments (4 total)
- Email comments received since Aug 2021 (13 total)



Aug 30, 2022, 6:15AM



Roadway Cross-Section

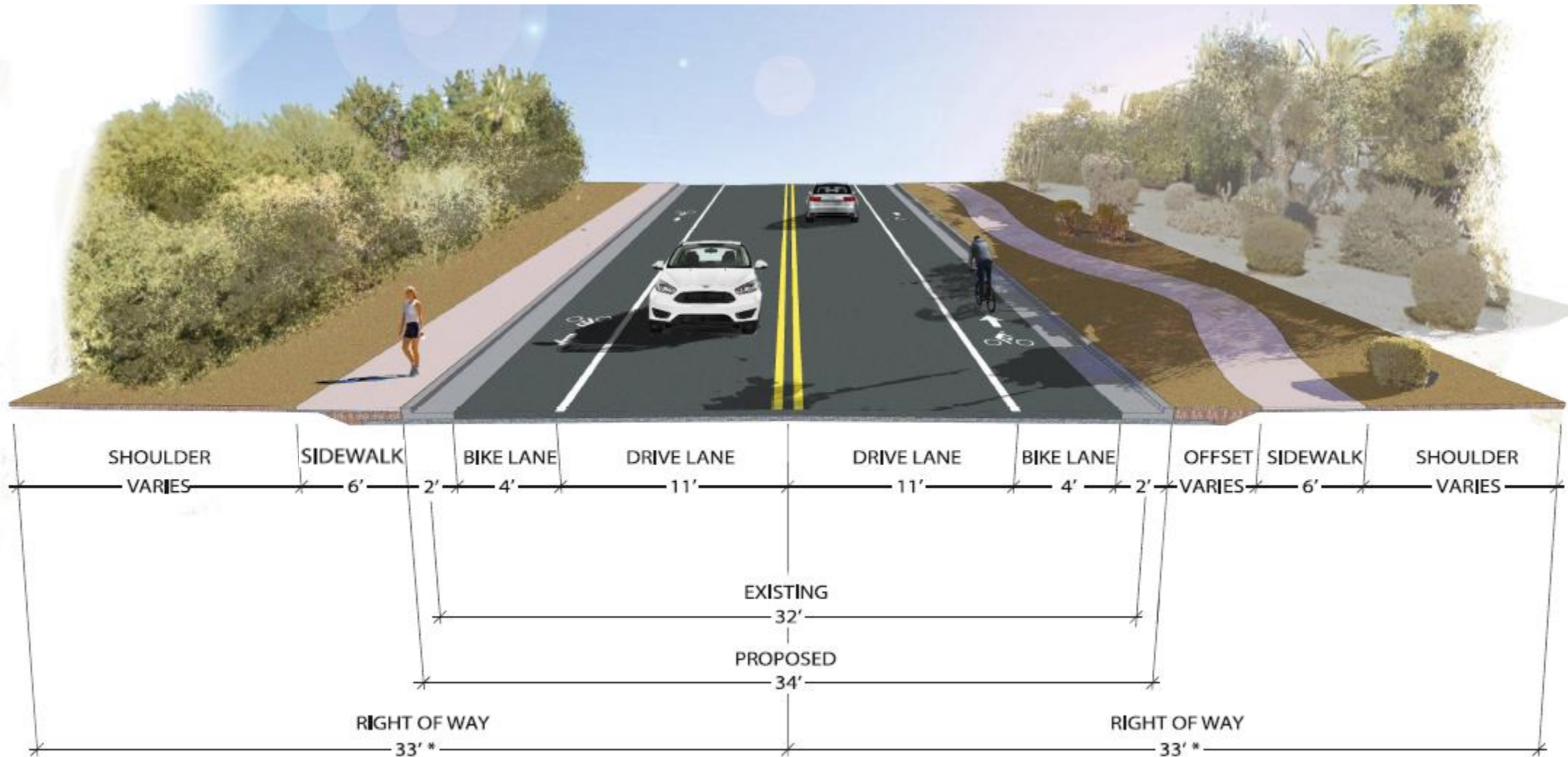


Illustration: Sidewalk attached to curb (left)

Sidewalk detached from curb (right)

* 40' PER MINOR ARTERIAL STANDARDS IN SOME LOCATIONS

See Roll Plot (Concept) where sidewalk is proposed to be attached or detached



Roadway Cross-Section (Chicanes)

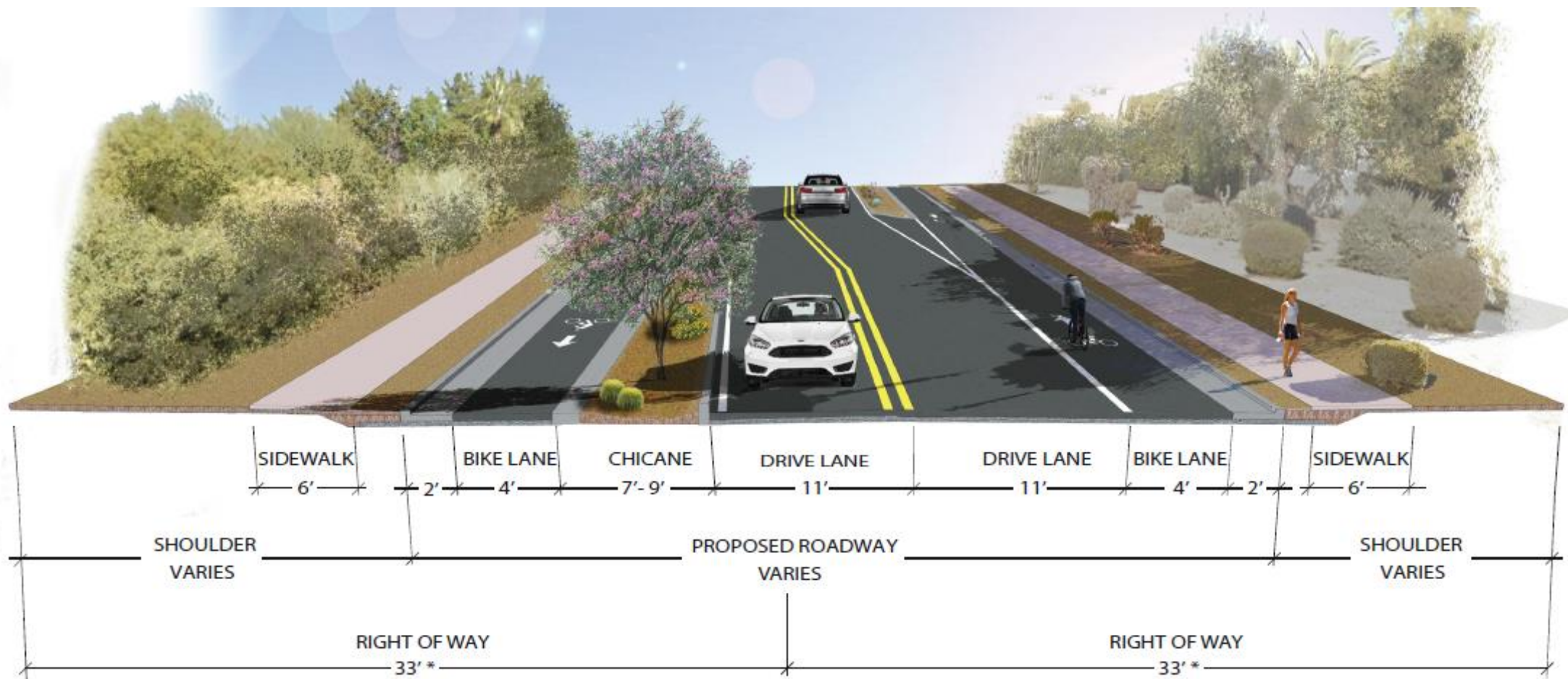


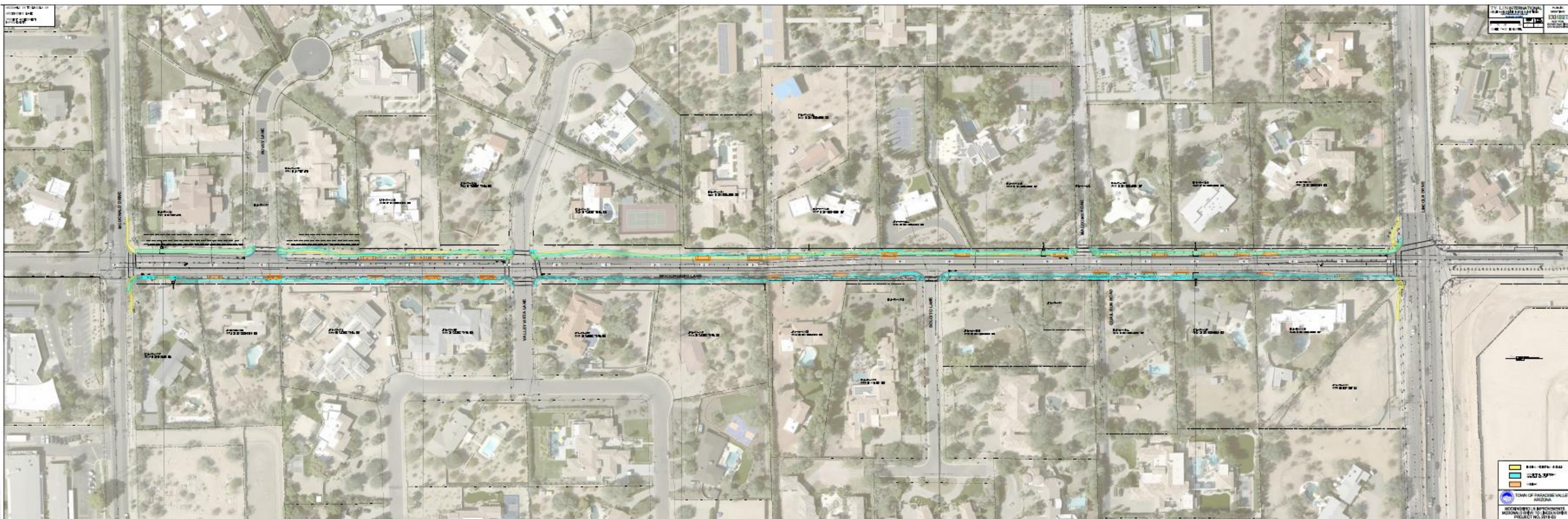
Illustration: Bike lane width? 4' or 6' (to encourage bike lane usage)

See Roll Plot (Concept) where chicanes are proposed



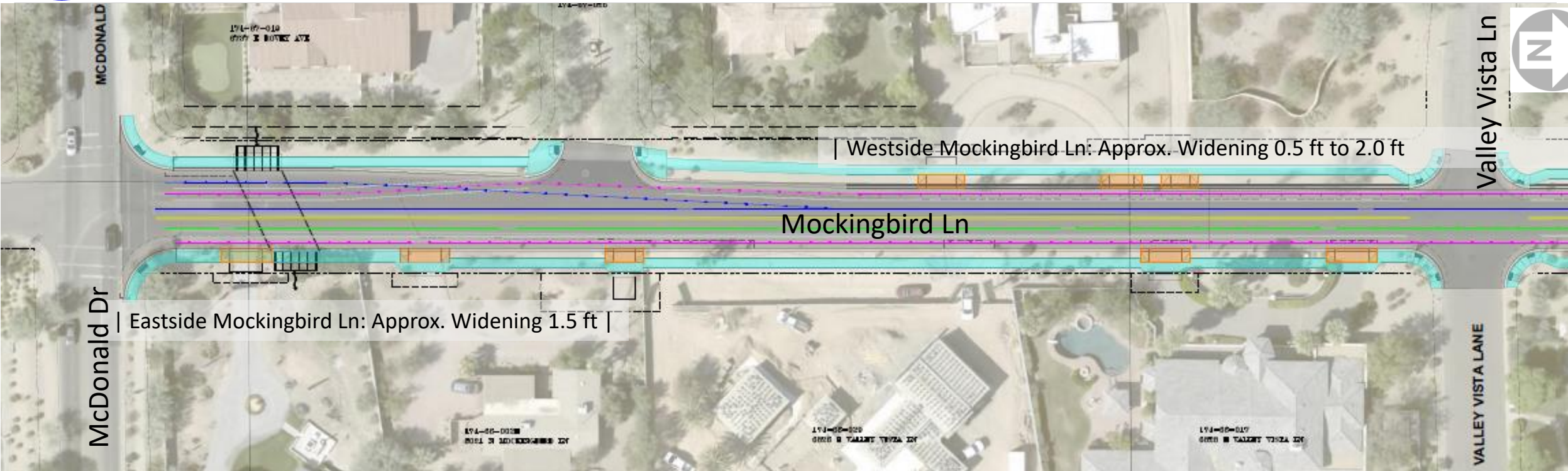
Roll Plot (Concept)

See Separate Attachment (PDF) on [website](#) for
Council Meeting, Sept 22, 2022 (Roll Plot)





Roll Plot (Concept)

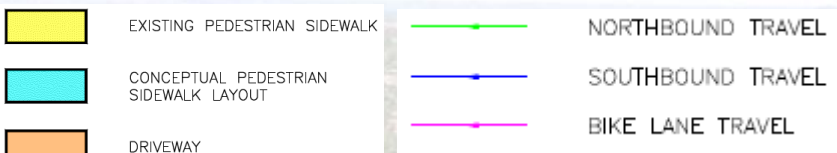
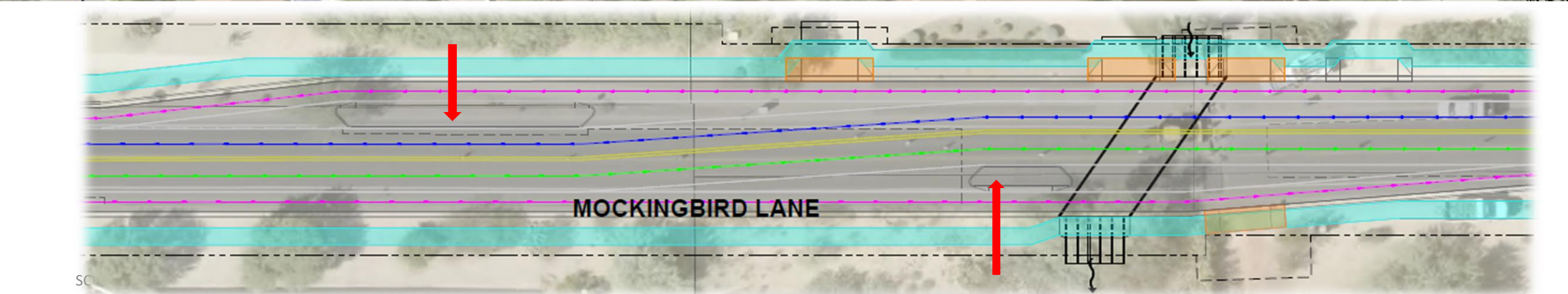
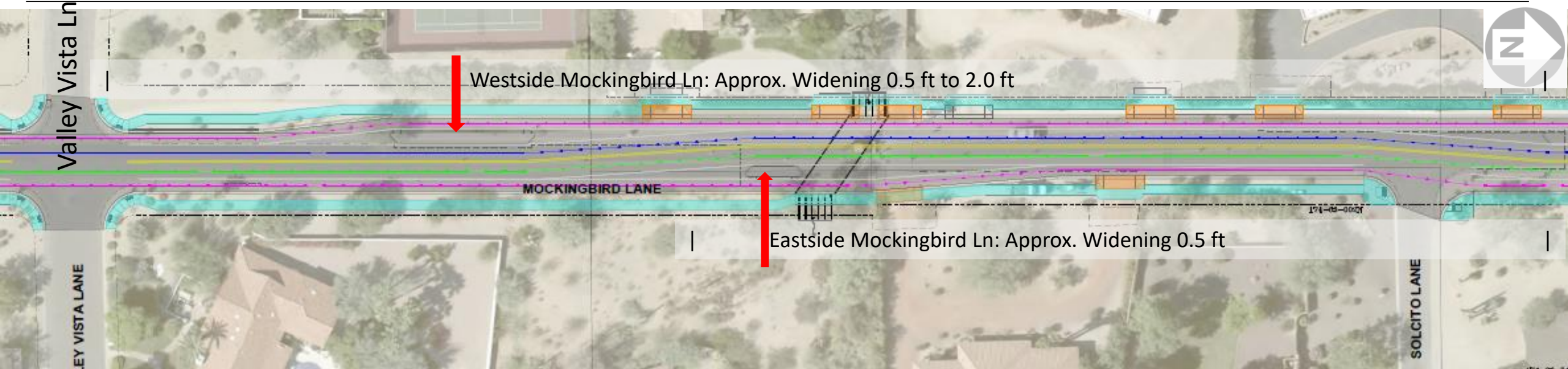


Mockingbird Ln: Looking southeast toward McDonald Dr





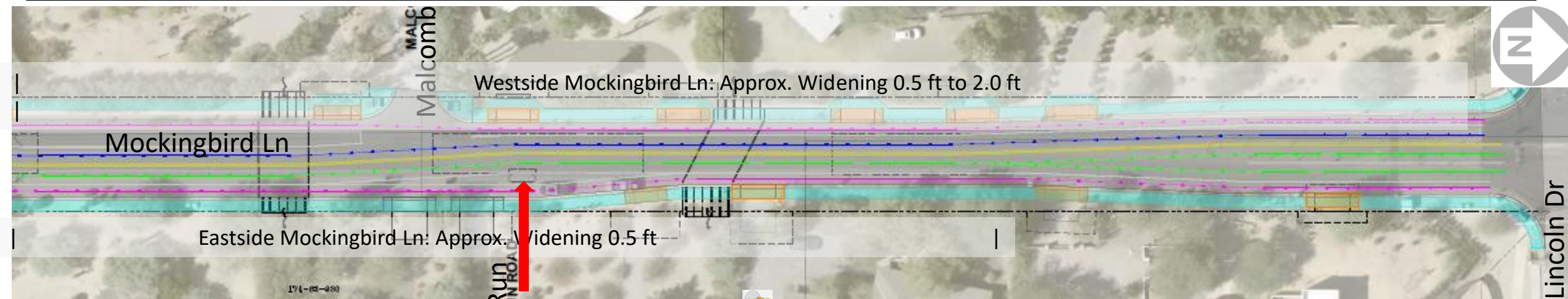
Roll Plot (Concept)



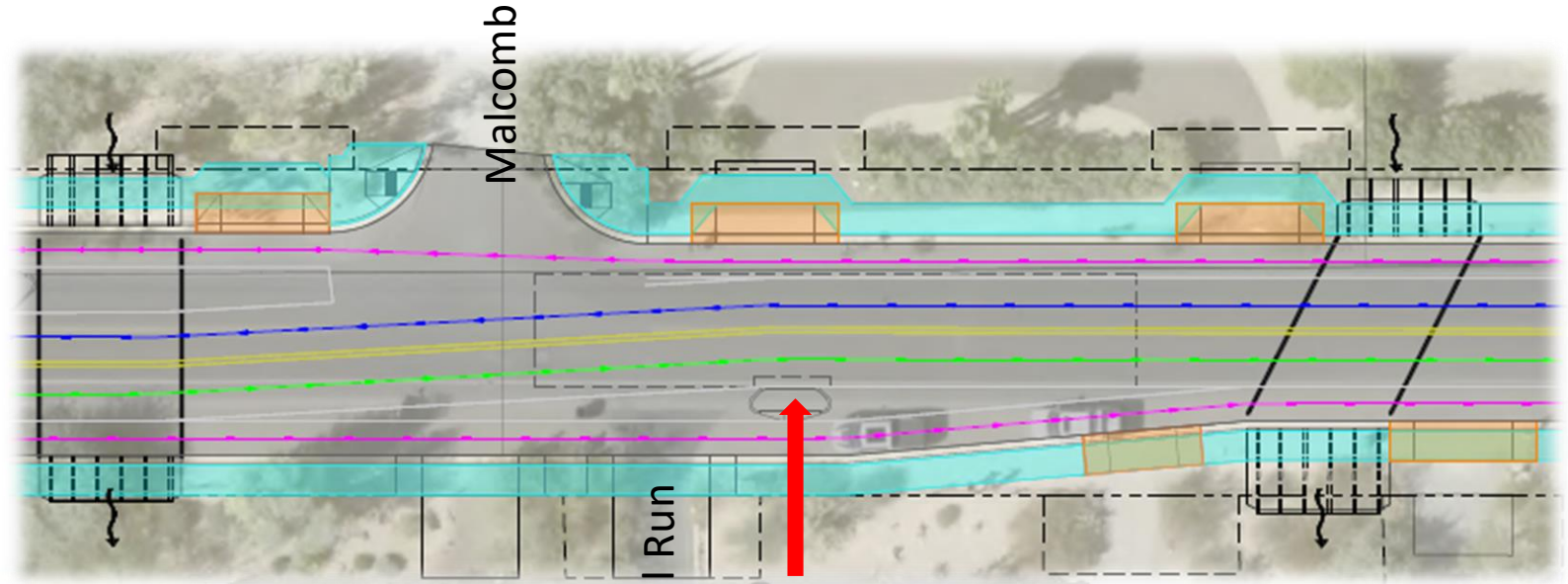
Two chicanes proposed north of Valley Vista Ln



Roll Plot (Concept)



Quail Run



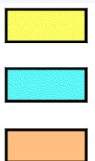
Malcomb

Quail Run

Chicane proposed north of Quail Run Rd: Reprofile roadway to drain to EPCOR lot



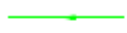
SCUPPER



EXISTING PEDESTRIAN SIDEWALK

CONCEPTUAL PEDESTRIAN SIDEWALK LAYOUT

DRIVEWAY



NORTHBOUND TRAVEL



SOUTHBOUND TRAVEL



BIKE LANE TRAVEL



Next Steps (Tentative)

SCHEDULE (as of Aug 2022)

Phase	Scoping	Design	Easements	Construction
Start	July 2021	Mar 2022	Oct 2022	June 2024*

*may occur in year 2023 contingent on federal funding availability

For Town

- July 2022 Start Utility Coordination
- Oct 2022 Request FY2023 Construction Funding (along with updated Cost Estimate)
- Dec 2022 Preliminary Results of FY2023 Construction Funding Request



Staff Request

Staff's recommendation is to:

- A. Proceed with design related to the minor roadway widening, bike lanes, west sidewalk, and chicanes
- B. Obtain direction and input from Town Council on the chicane layout and offset from curb face based on a 4' or 6' bike lane between curb and chicane
- C. Obtain direction from Town Council on the east sidewalk

The town's request for revisions in scope, including advancing construction project from FY24 to FY23, are anticipated to be made to MAG in Oct 2022 with results of the town's request known by Dec 2022.



Questions & Discussion

