

Mockingbird Ln Improvements 56th St to Invergordon Rd

CIP Project Nos. 2021-03 (Roadway)
2021-12 (Drainage)

Project Update

April 28, 2022





Agenda

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





Project Overview

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

- Drainage improvements identified as part of Lower Indian Bend Wash Area Drainage Master Plan completed by Flood Control District of Maricopa County (FCD) in Dec 2017
- Roadway segment is a mill and overlay candidate (Pavement Condition Index = 64.7, Feb 2019)
- Drainage Design Concept Report completed by the Town as part of roadway project assessment in 2020
- Complete improvements concurrent to or after the City of Phoenix water main replacement

Town evaluation includes:

- Analysis of stormwater management
Return on Investment (ROI) analysis presented to Town Council on Mar 10, 2022
- Identification of areas for compliance with Americans with Disabilities Act (ADA)
- Roadway alignment and identification of existing sidewalks and potential additions

Scope of Work

- Installation of new storm drain system
- Full-width asphalt mill and overlay & restriping with bike lanes
- New sidewalk on the south side of the road
- Traffic calming measures to be evaluated
- Scoping phase includes public participation and Town Council input



Project Funding

Mockingbird Ln Storm Drain: 56th St to Invergordon Rd

Expenditures	2023	2024	2025	2026	2027	Total
Professional Services	530,000					530,000
Construction			6,400,000			6,400,000
Construction Admin			300,000			300,000
Total	530,000		6,700,000			7,230,000

Funding Sources	2023	2024	2025	2026	2027	Total
Flood Control District			3,350,000			3,350,000
Town of Paradise Valley	530,000		3,350,000			3,880,000
Total	530,000		6,700,000			7,230,000

Note: Above figures may be adjusted with CIP FY23-27 budget adoption

Flood Control District

- 50% of Design & Construction Cost

Town

- 50% of Design & Construction Cost



Project Funding

Mockingbird Ln: 56th St to Invergordon Rd

Expenditures	2023	2024	2025	2026	2027	Total
Professional Services	50,000					50,000
Land/ROW	25,000					25,000
Construction			1,200,000			1,200,000
Construction Admin			25,000			25,000
Total	75,000		1,225,000			1,300,000

Funding Sources	2023	2024	2025	2026	2027	Total
Town of Paradise Valley	75,000		1,225,000			1,300,000
Total	75,000		1,225,000			1,300,000

Note: Above figures may be adjusted with CIP FY23-27 budget adoption

Town

- 100% of Design & Construction Cost



Project Considerations

- Public Outreach
- Historical Drainage Patterns
- General Plan (Collector)
- Engineering Design Standards & Guidelines
 - Roadway Geometry
 - Stormwater Management
 - Traffic Calming
- Maintenance
 - Landscape by Property Owners
 - Sidewalk by Town
- Right of Way / Easements
- Utility Adjustments / Relocations
- Environmental



Looking west along Mockingbird Ln



Public Outreach

Traffic Calming

Considerations / Challenges / Solutions

- **Roundabouts**
Additional Right-of-Way
- **Chicanes**
Minor effectiveness
- **Stop sign(s)**
Warrant Criteria
- **Speed humps / tables**
Only permitted on residential streets
- **Speed feedback sign(s)**
Solution that can be installed
- **Other Solutions to reduce speeds:**
 - Valley gutter(s)



Chicane on northbound 52nd St at Beryl Ave



Speed
Feedback
Sign



Valley Gutter on 52nd St, south of Via Los Caballos 7



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



Roadway Cross-Section

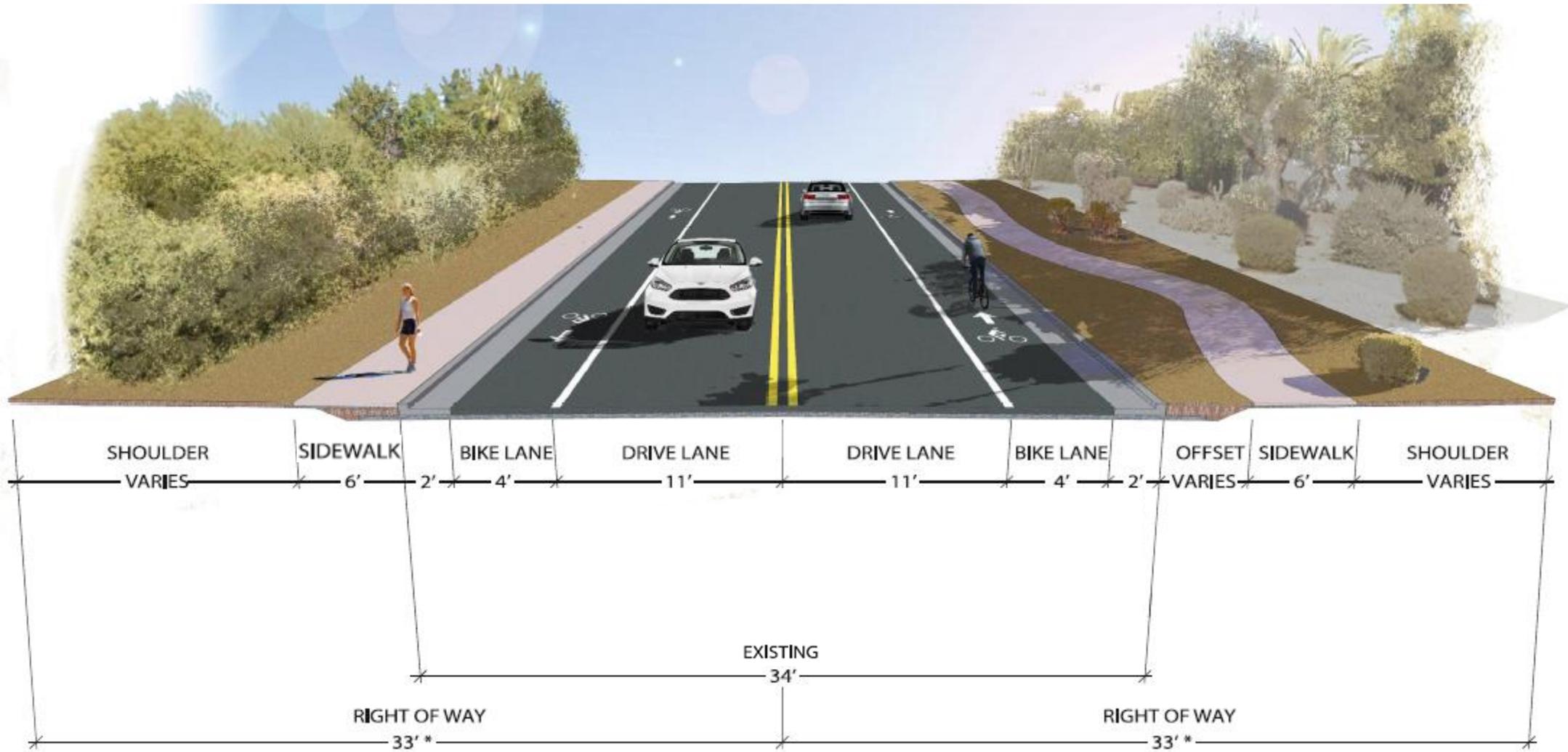


Illustration: Sidewalk attached to curb (left)

Sidewalk detached from curb (right)

*A few areas are more or less than 33'

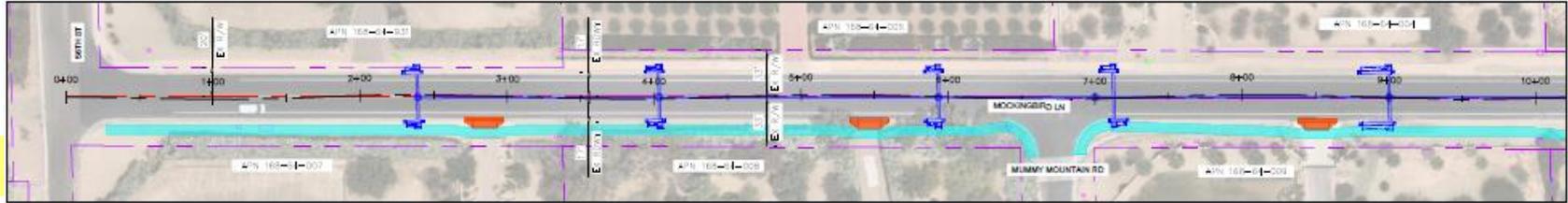
See Roll Plot (Concept) where sidewalk is proposed to be attached or detached



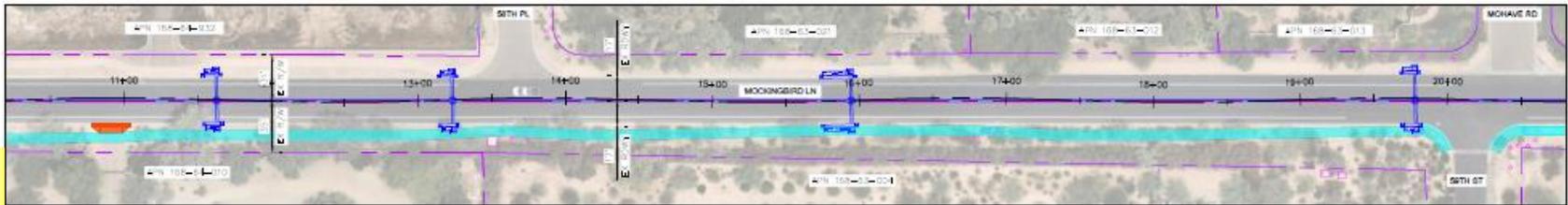
Roll Plot (Concept)

See Separate Attachment (PDF)

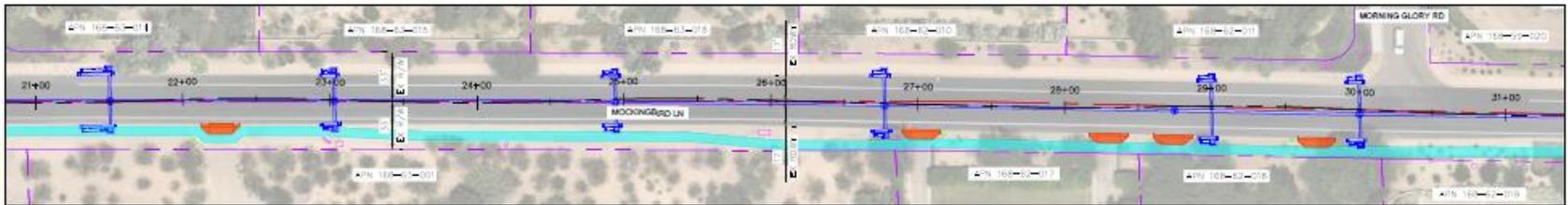
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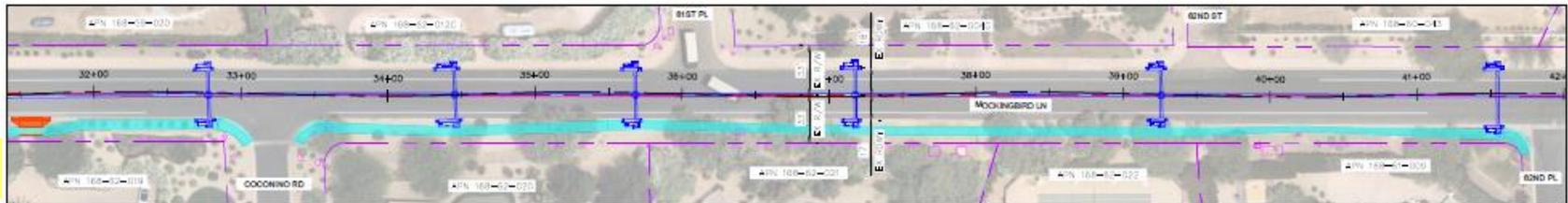
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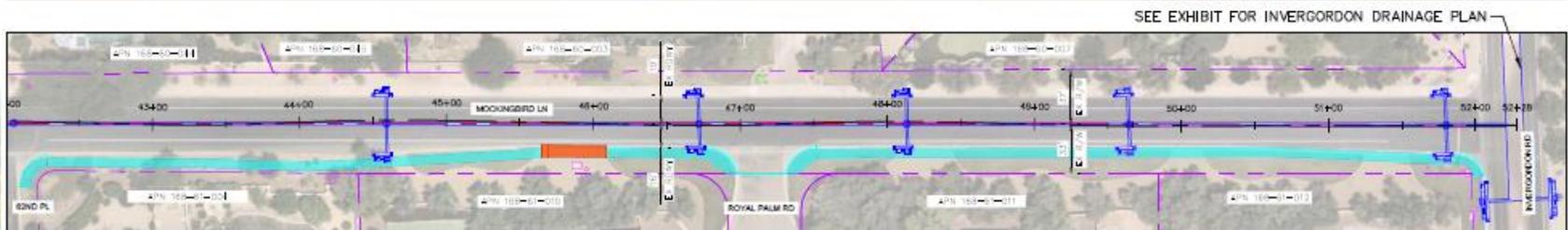
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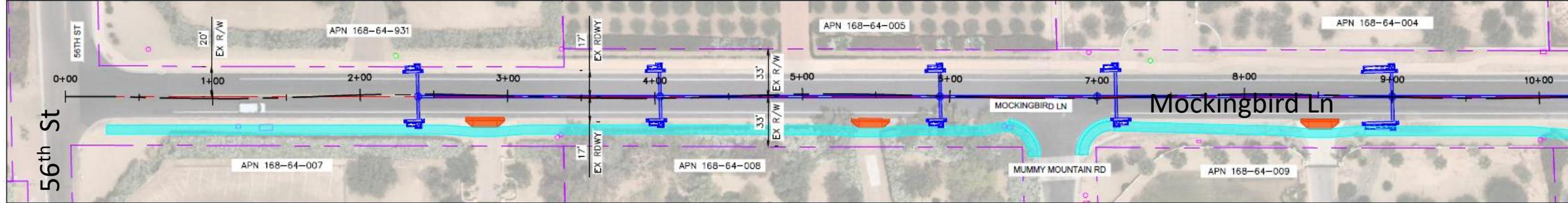


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Roll Plot (Concept)



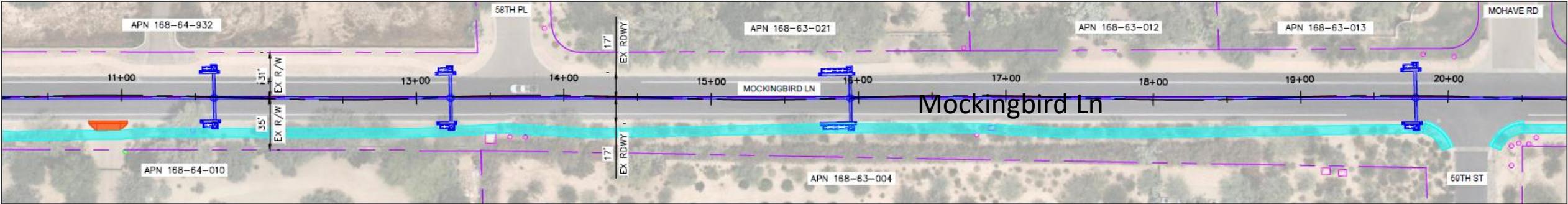
LEGEND

-  EXIST MAIL BOX
-  EXIST UTILITY PEDESTAL
-  EXIST VAULTS/CABINETS
-  EXIST RIGHT-OF-WAY
-  EXIST MONUMENT LINE
-  PROPOSED DRIVEWAY
-  PROPOSED SIDEWALK
-  PROPOSED SIDEWALK RAMP
-  PROPOSED CURB & GUTTER
-  PROPOSED DRAINAGE FEATURES





Roll Plot (Concept)



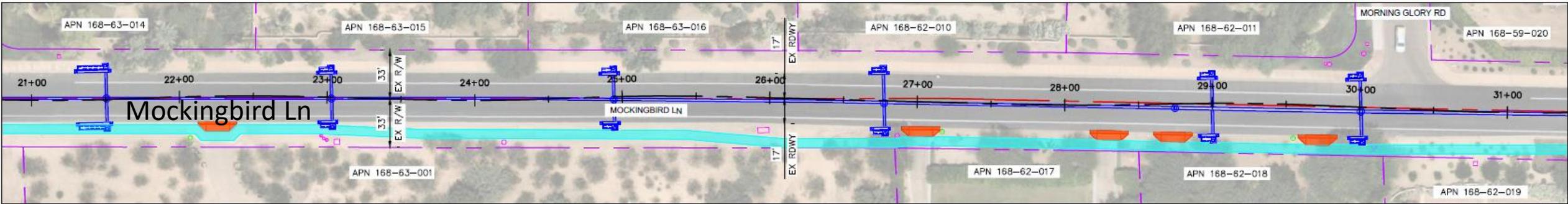
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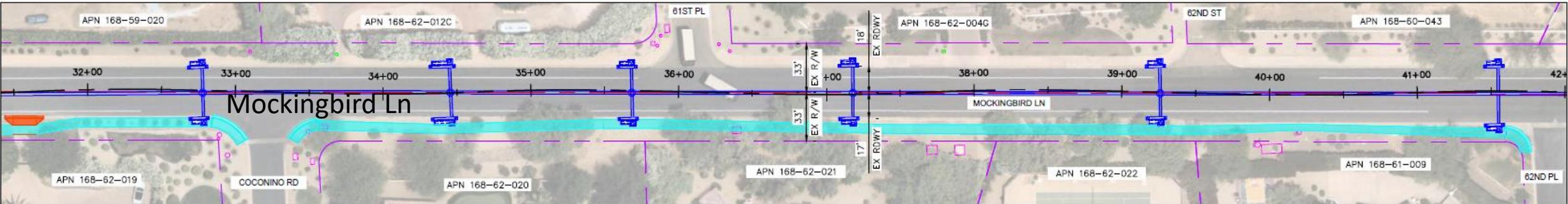
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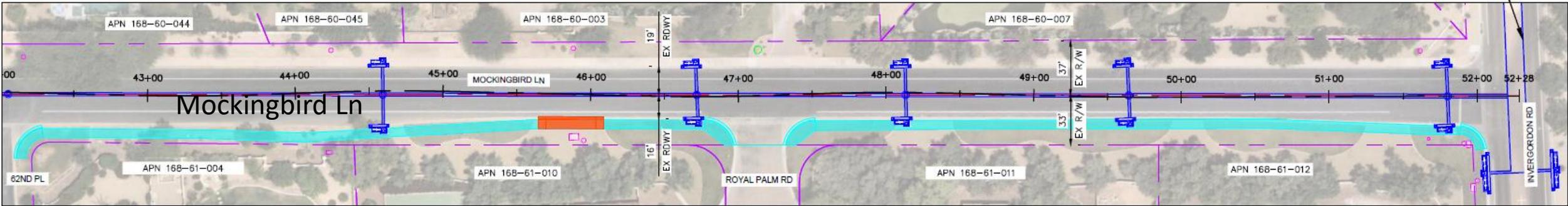
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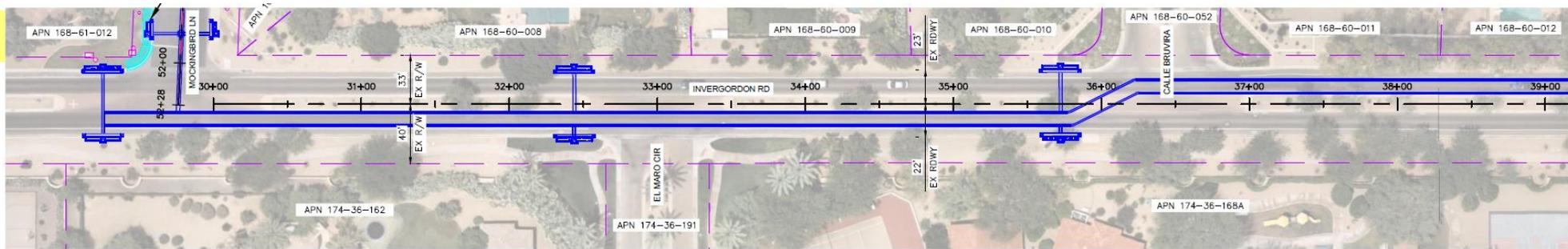




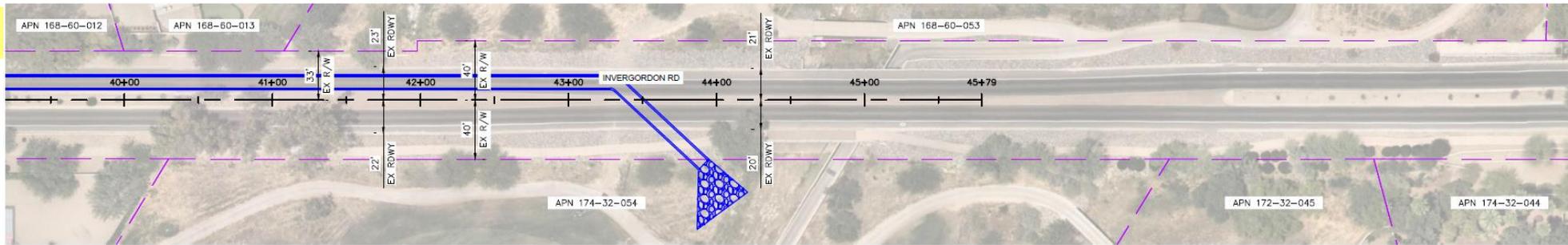
Roll Plot (Concept) – Invergordon Rd

See Separate Attachment (PDF)

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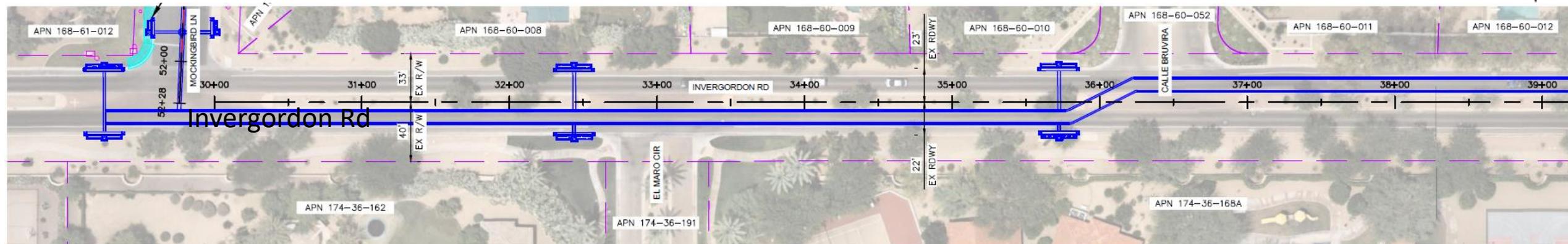
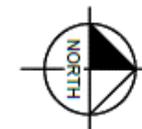


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Roll Plot (Concept) – Invergordon Rd

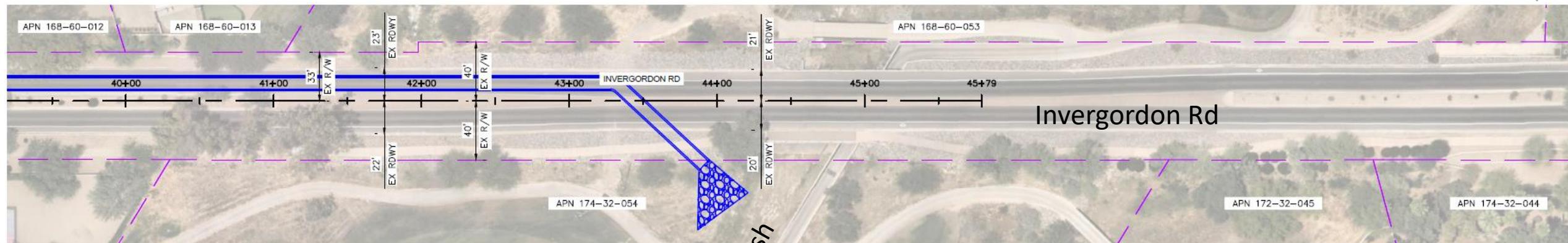


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Indian Bend Wash





Next Steps

Tentative schedule as follows:

- Apr 2022 Town Council Update (award professional services contract)
- June 2022 Intergovernmental Agreement – Flood Control District
- Aug 2022 Public Meeting #1 (preliminary concepts)
- Sept 2022 Town Council Update (scoping)
- Nov 2022 Start Utility Coordination

SCHEDULE (as of Apr 2022)

Phase	Scoping	Design	Utility Relocate Up to 18 months	Right-of-Way	Construction
Start	May 2022	Oct 2022	Nov 2022	Feb 2023	May 2024



Questions & Discussion

