

Curb Replacement Projects Update

McDonald Drive

40th Street to 44th Street

CIP Project No. 2020-09

&

45th Street

McDonald Drive to Valley Vista Lane

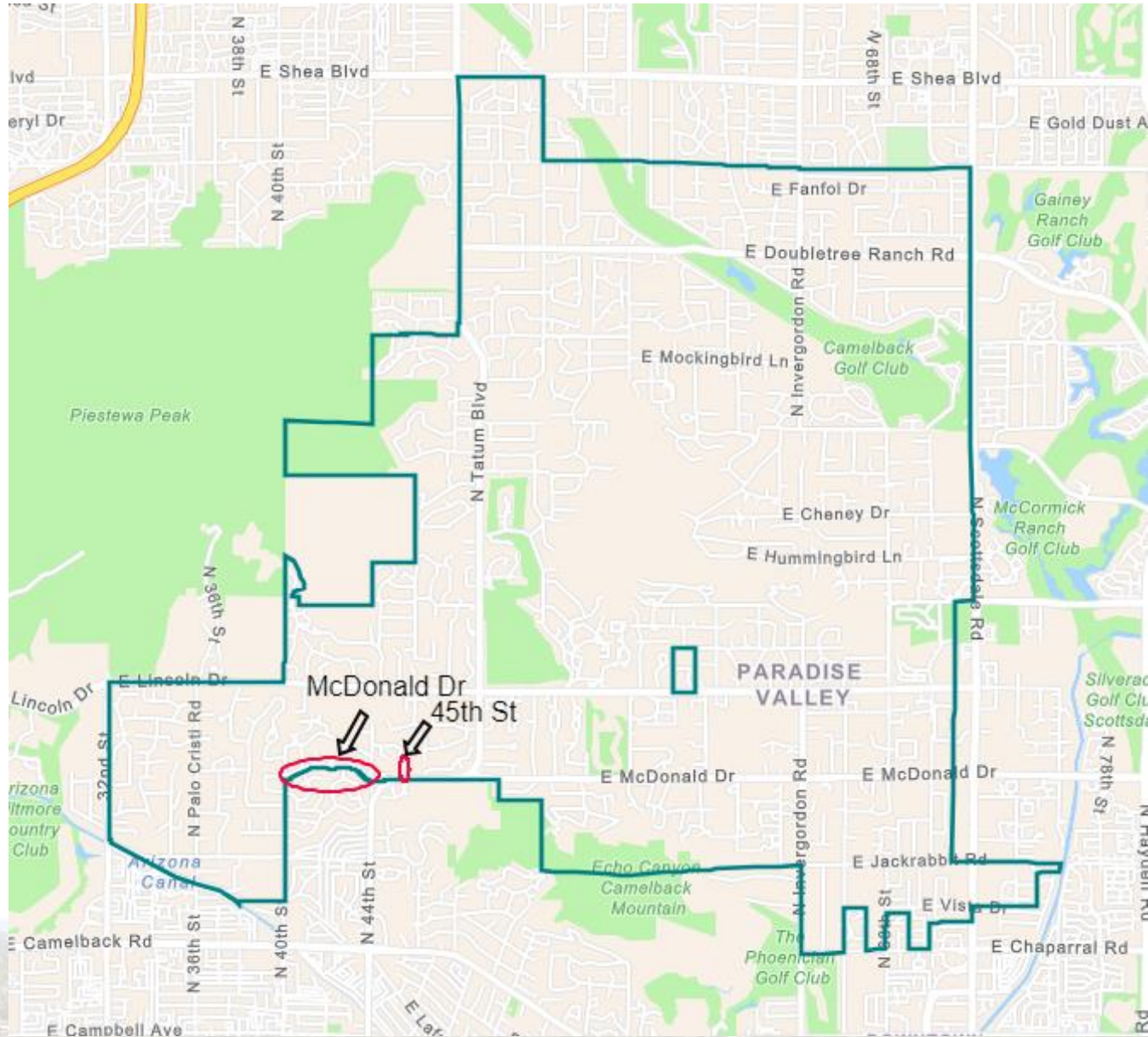
CIP Project No. 2020-07

October 9, 2025





Location Map



McDonald Drive



- Local Street.
- Two lanes of traffic.
- Approximately 0.5 mile
- Wide unimproved median
- No sidewalks/bike lanes.
- Asphalt curb on median side
- 25 MPH speed limit.
- Identified in the Town's CIP in 2020.



McDonald Drive / Town Limits



45th Street



- Local Street.
- Two lanes of traffic.
- No sidewalks/bike lanes.
- 25 MPH speed limit.
- Asphalt curb on both sides
- Approximately 900-ft
- Identified in the Town's CIP in 2020.



The Problem

Deteriorated and failing asphalt curbs



Visible signs of wear, cracking, and erosion.



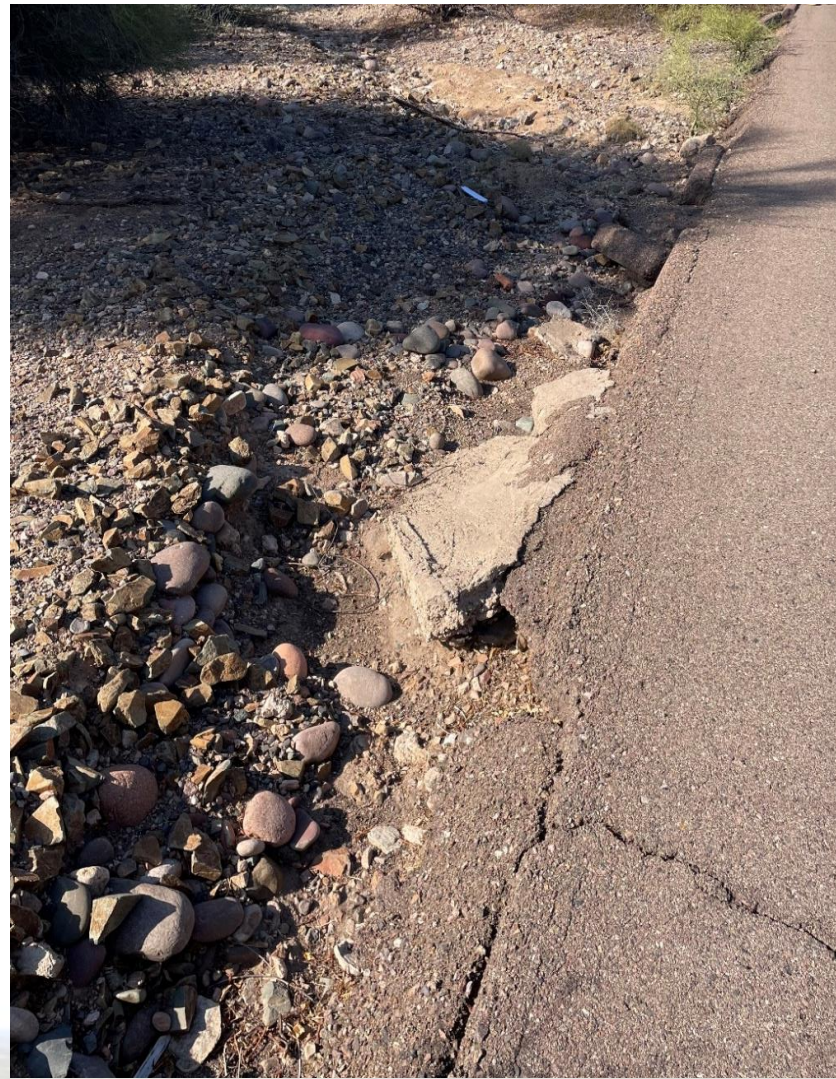
Need of repair or replacement.



Risk of further damage to adjacent asphalt pavement.



Project Photos 1



McDonald Dr
westbound



Project Photos 2



McDonald Dr
westbound



Project Photos 3



McDonald Dr
eastbound



Project Photos 4



45th St
west curb



Proposed Solution

Removal of
existing asphalt
curbs

Installation of
MAG standard
concrete curb &
gutter sections

This solution will:

Eliminate risk of further damage to adjacent asphalt pavement.

Enhancements to durability, aesthetics, and functionality of existing pavement.

Ensuring safer, more reliable travel for residents and visitors.

Before/After

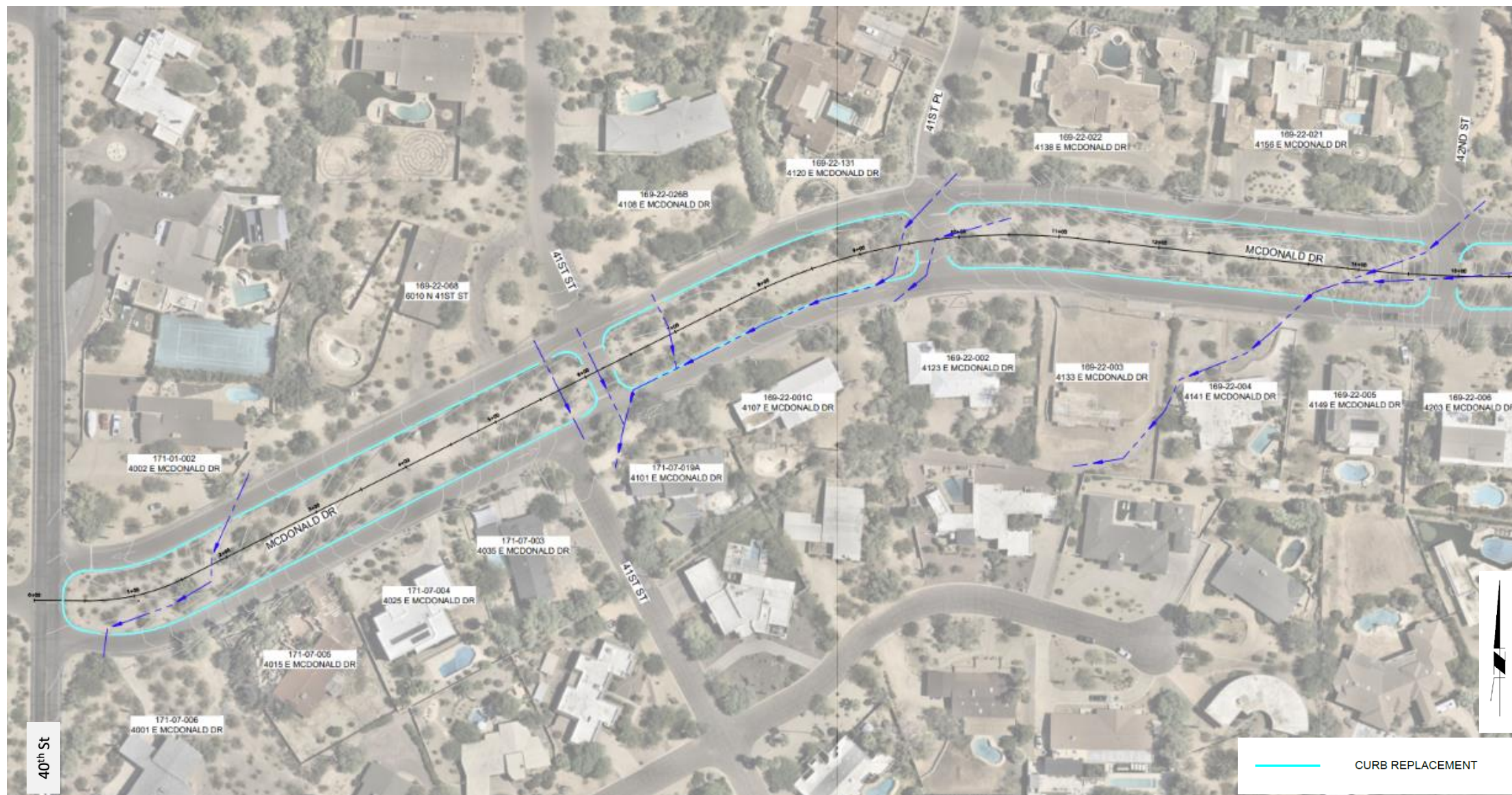


McDonald Dr
westbound



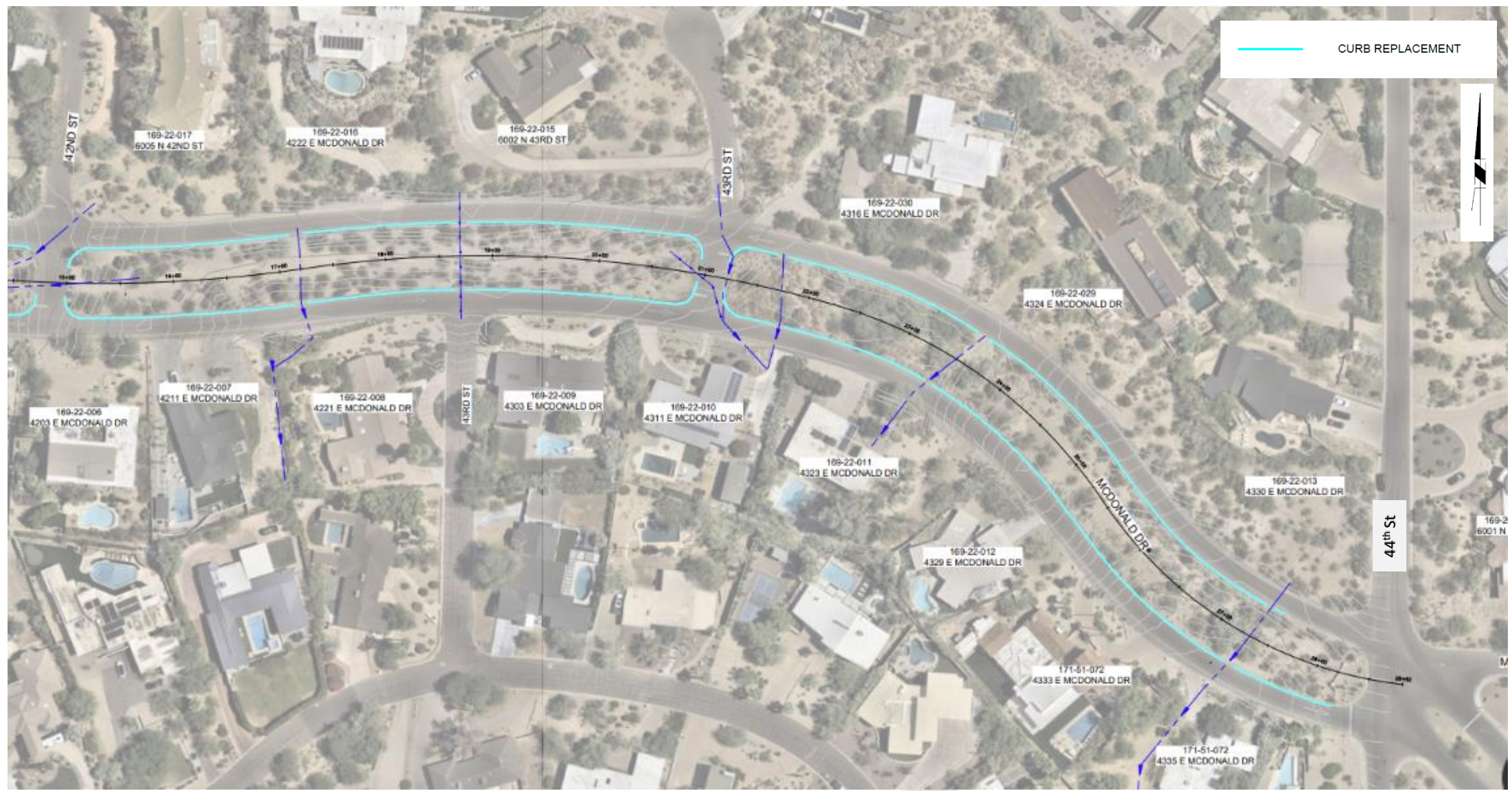


McDonald Dr Roll Plot 1





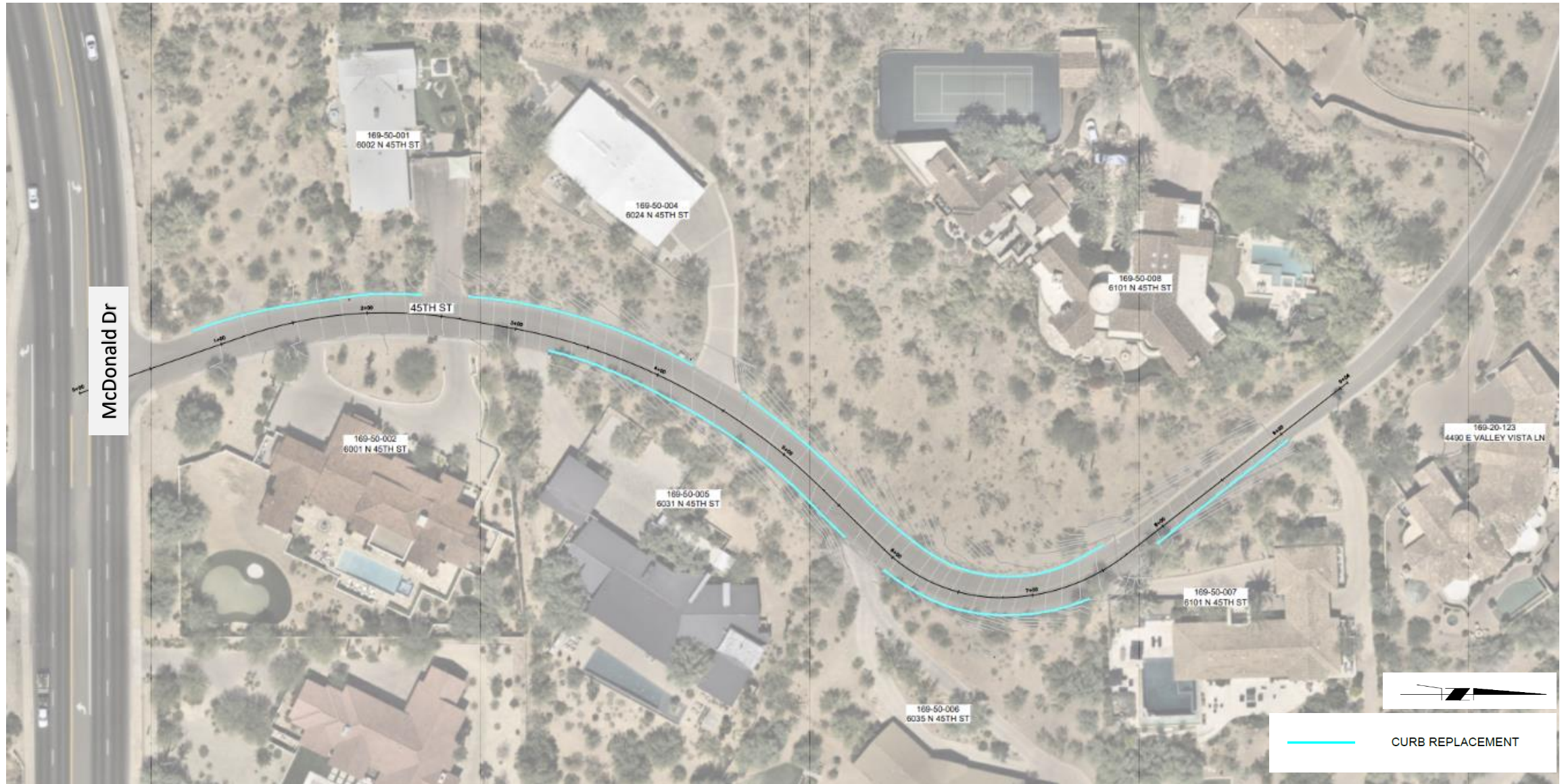
McDonald Dr Roll Plot 2





45th Street Roll Plot

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Previous Council Session

Council Study Session – January 23, 2025

Staff presented the project, and
Council directed staff to:

- Complete a drainage analysis
- Develop a public outreach plan



Project Update



Drainage Report: A drainage report has been completed.

- Proposed improvements will not adversely impact downstream properties.
- Historic flow patterns will be preserved.



Public Outreach Plan: Notify affected residents by mail.

Include a project overview, a map of the impacted area, the purpose of the improvements, and the anticipated start date and duration of construction.



Construction Plans: Plans are at 60% design level.



Estimate / Budget

Estimated Cost to Complete (*)

Item	McDonald Dr	45th St.	Combined
Design phase	\$15,000	\$4,000	\$19,000
Construction phase	\$775,000	\$200,000	\$975,000
Total	\$790,000	\$204,000	\$994,000

(*) Final construction costs will be determined through contractor bids.

FY26 Budget

Item	McDonald Dr	45th St.	Combined
Total	\$645,000	\$121,000	\$766,000



Project Timeline

Task	Date
Public outreach	October 2025
Final construction plans	November 2025
Construction contract approval (*)	January 2026
Anticipated construction start	February 2026
Estimated construction duration	3-6 Months

(*) Council action



Thank You

Questions?





January 23, 2025 Council Session Minutes

3. STUDY SESSION ITEMS

24-355 Discussion of Curb Replacement Projects: McDonald Dr. (40th St. to 44th St.) and 45th St. (McDonald Dr. to Valley Vista Ln)

Mayor Stanton reconvened the meeting at 5:35 PM.

Capital Project Manager Sam Kayat briefed the Town Council on a Capital Improvement Project to replace curbs on McDonald Dr. from 40th St to 44th St and 45th St from McDonald Dr to Valley Vista Ln. He stated that the existing asphalt curbs in these areas have significantly deteriorated and are failing in various locations, showing visible signs of wear and tear, cracking, and erosion. These deteriorations are not only unsightly but also pose risks for further degradation of the adjacent asphalt pavement, potentially leading to more extensive and costly repairs in the future.

He explained that the Fiscal Year 2025 budget for design and construction of \$400,000 was based on an estimate from four years ago. The estimated cost will be approximately \$865,000; however, only the design contract would be awarded in this fiscal year and construction would be budgeted in FY 2026. The anticipated construction start date would be November 2025 and take four to eight months to complete.

Responding to questions from the Council, Mr. Kayat and Town Engineer Shar Johnson confirmed that the project area drainage would be reviewed and taken into consideration once the Stormwater Management Master Plan has been completed.

Mr. Ching stated that this item would be brought back to Council in April for a study session and action on the design contract. The Council requested that the staff report document the drainage assessment for the project area. The staff report should also include a description of the neighborhood notification plan which should include the properties located in the City of Phoenix.