

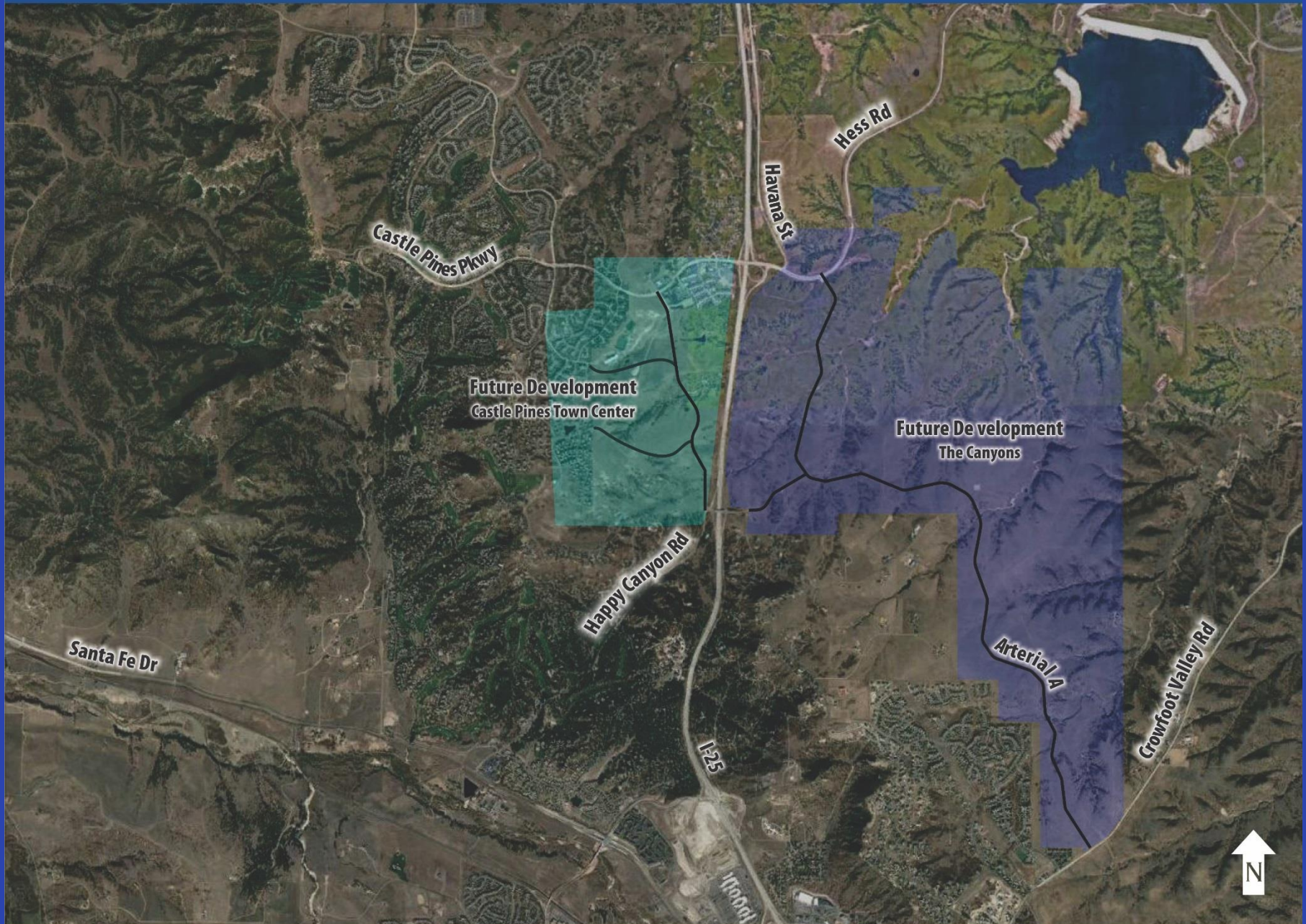
Proposed Happy Canyon and I-25 Interchange Improvements Update

Presentation to Happy Canyon HOA

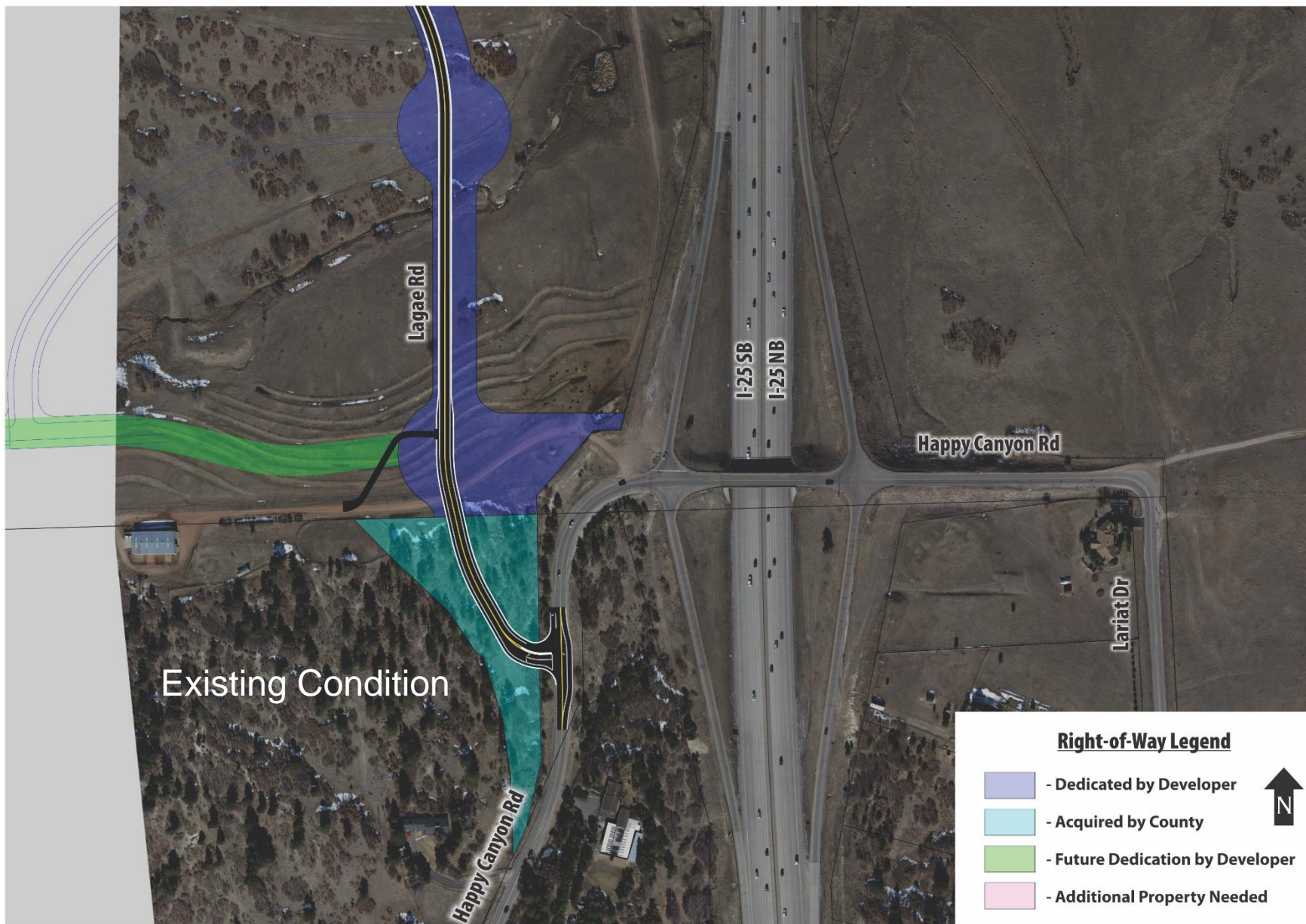
May 18, 2022

Art Griffith, Douglas County

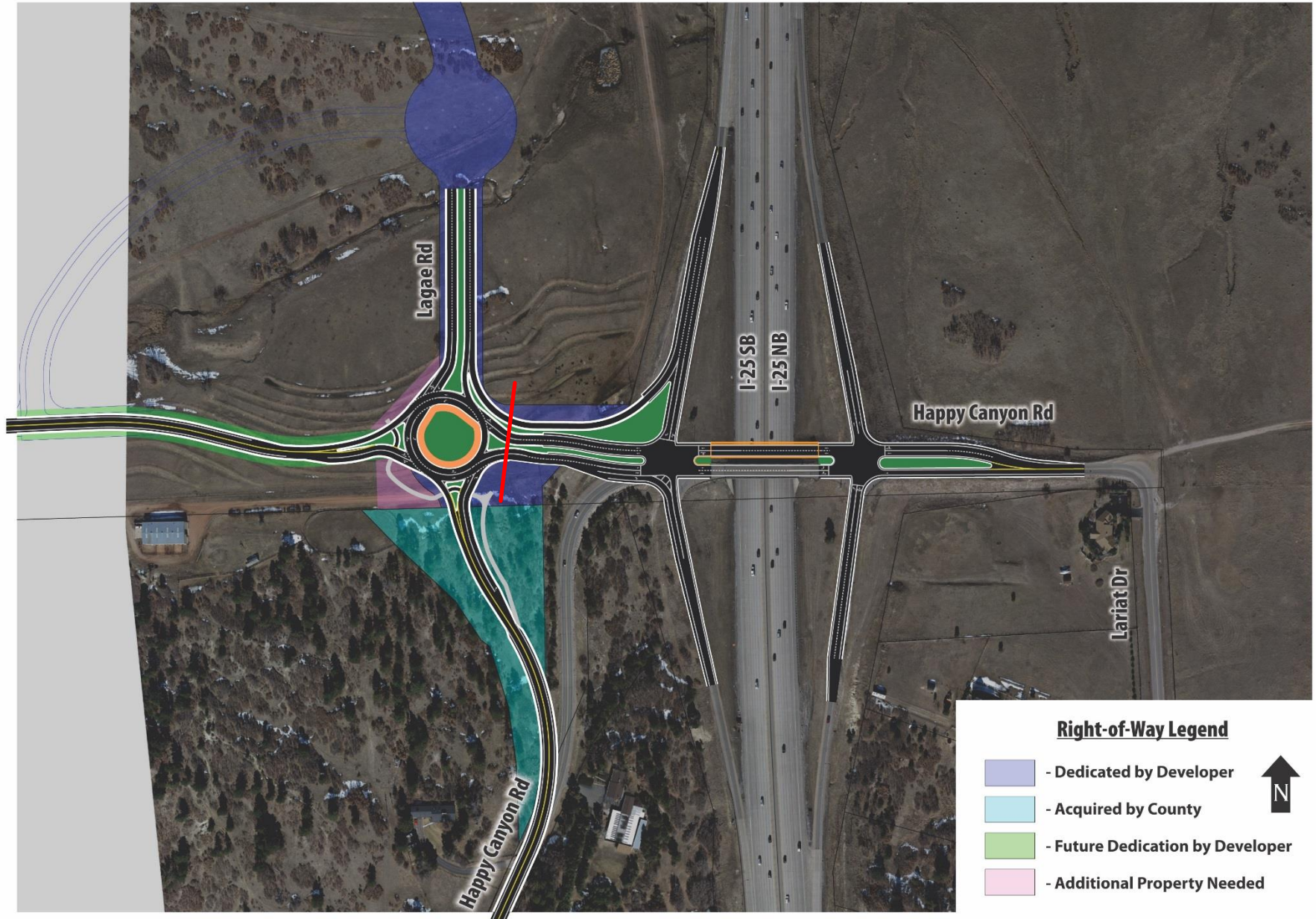
Happy Canyon and I-25 Interchange Improvements



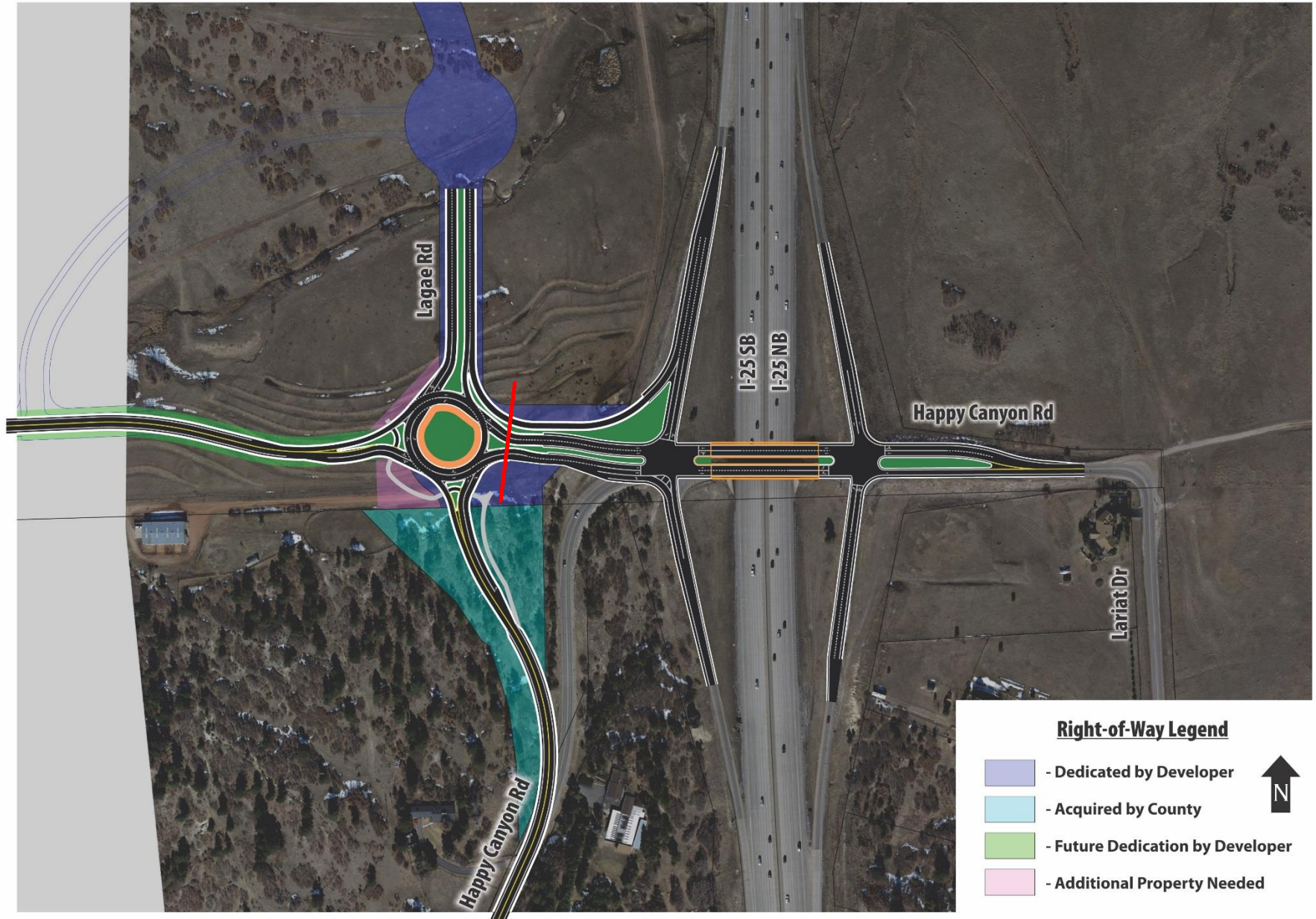
Happy Canyon and I-25 Interchange Improvements



Happy Canyon and I-25 Interchange Improvements



Happy Canyon and I-25 Interchange Improvements

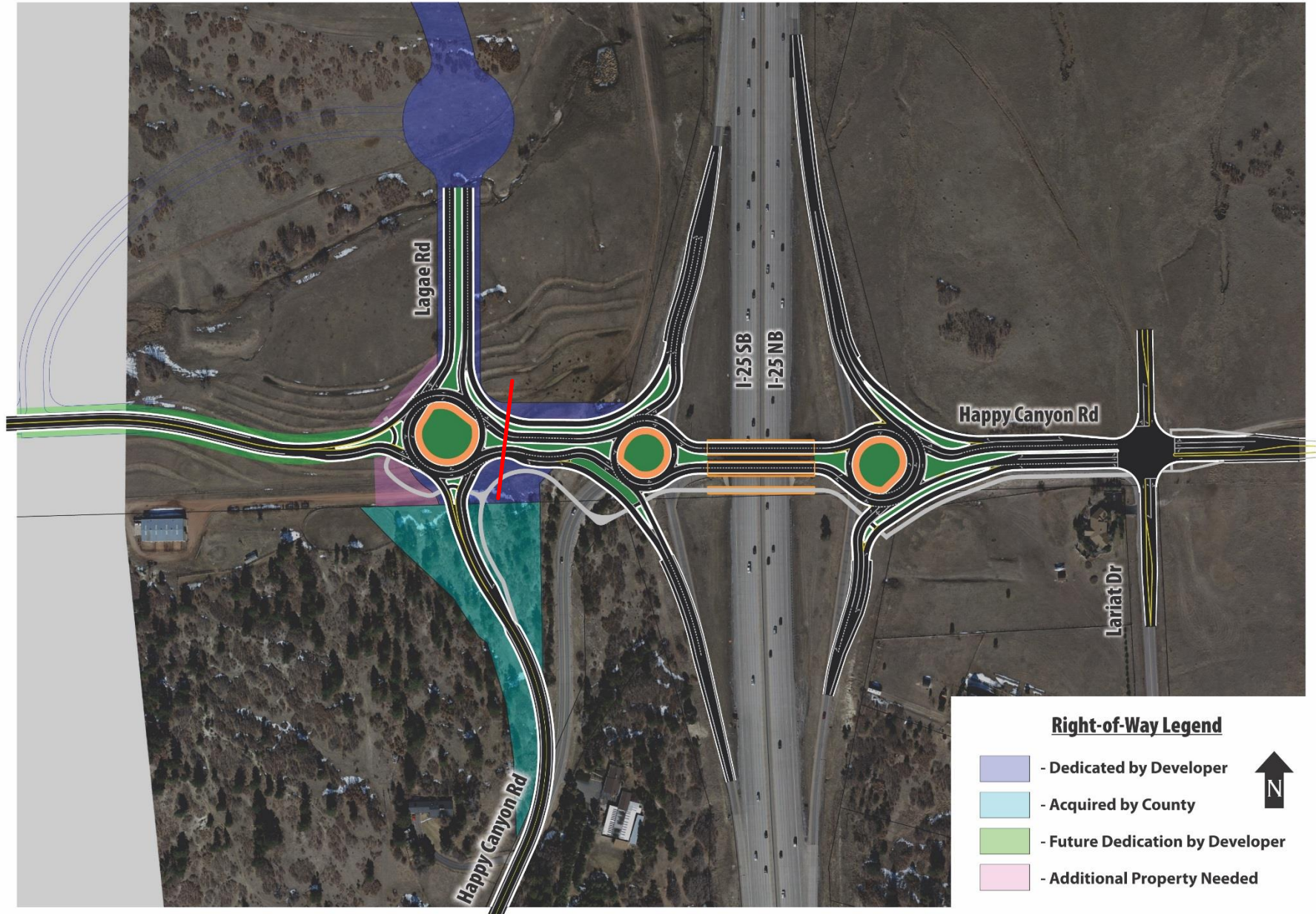


Right-of-Way Legend

-  - Dedicated by Developer
-  - Acquired by County
-  - Future Dedication by Developer
-  - Additional Property Needed



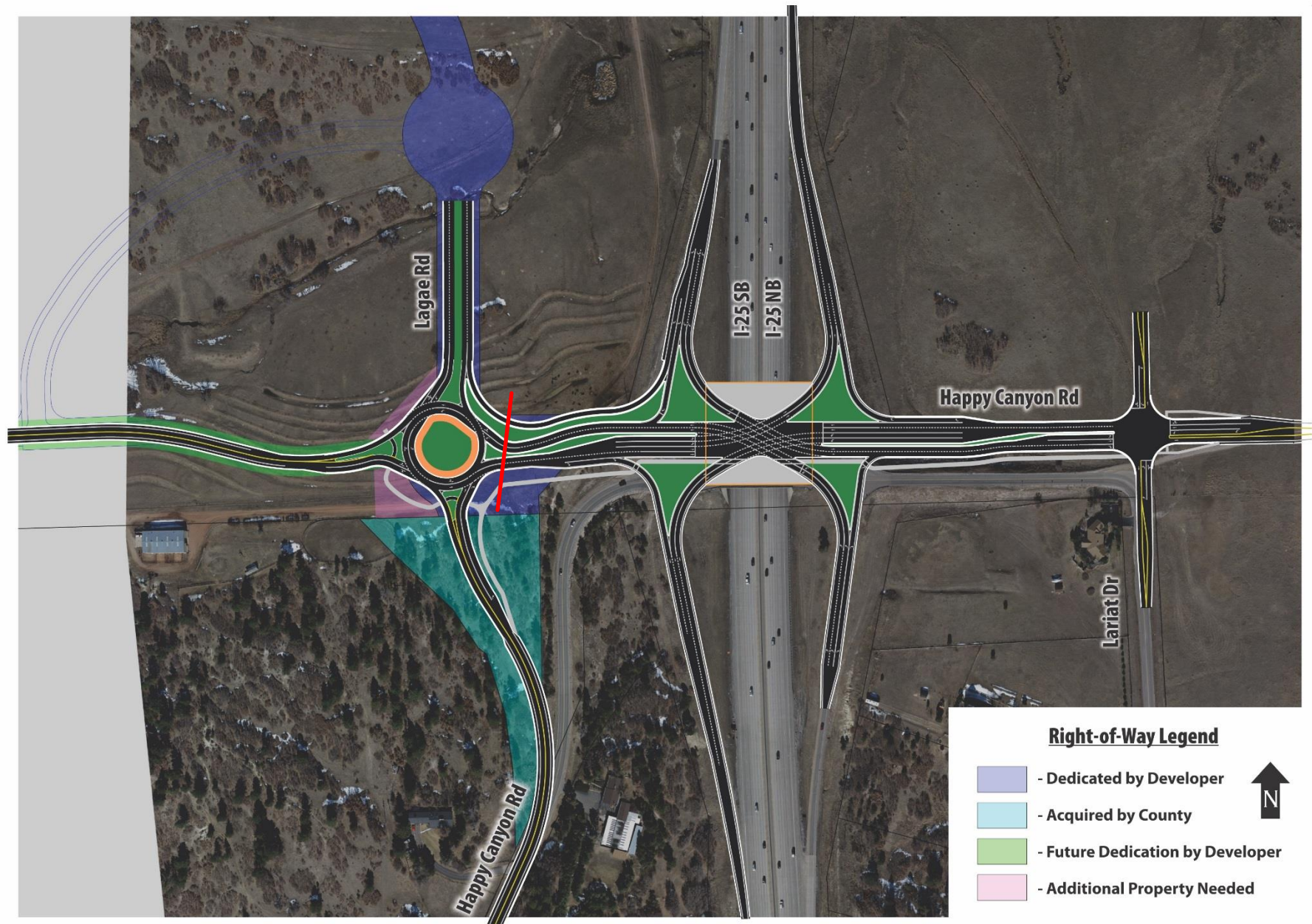
Happy Canyon and I-25 Interchange Improvements



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Happy Canyon and I-25 Interchange Improvements

Roundabout Animation

Happy Canyon & Lagae Roundabout WB to SB



Cost Summary for West Operational Improvements (Including CDOT Bridge)

Step 1: Operational Improvements	\$7.5 m to \$9.0 m
<u>Step 2: CDOT Bridge Replacement</u>	<u>\$3.5 m to \$5.0 m</u>
TOTAL COST (2021 dollars)	\$11.0 m to \$14.0 m



Cost Summary for East Interchange Alternatives (Needed to Accommodate Connection East of I-25)

3 Roundabouts Interchange Progression

Step 1: Operational Improvements \$7.5 m to \$9.0 m

Step 2: CDOT Bridge Replacement \$3.5 m to \$5.0 m

Step 3: Roundabout Interchange \$9.0 m to \$11.0 m

TOTAL COST (2021 dollars) \$20.0 m to \$25.0 m



Cost Summary for East Interchange Alternatives (Needed to Accommodate Connection East of I-25)

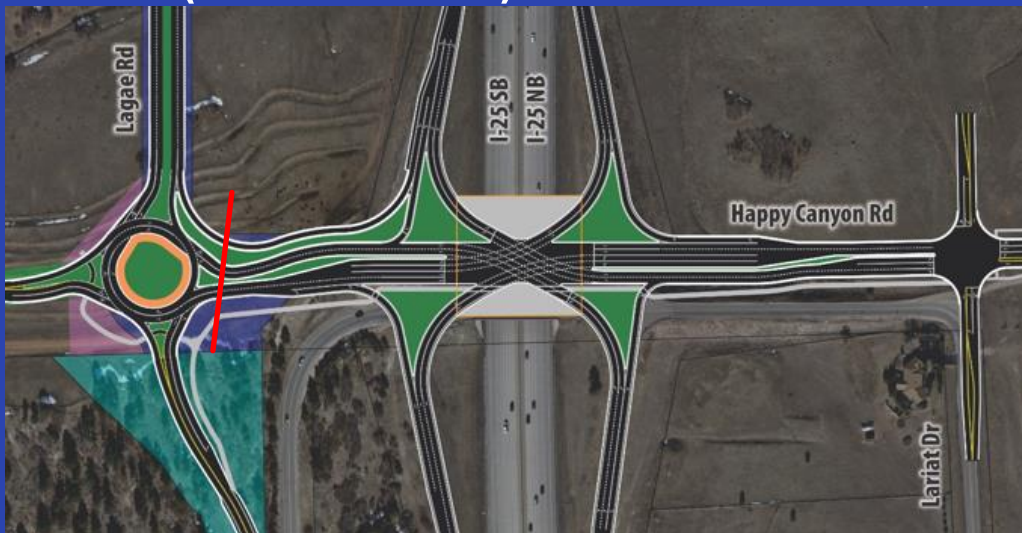
SPUI Interchange Progression

Step 1: Operational Improvements \$7.5 m to \$9.0 m

Step 2: CDOT Bridge Replacement \$3.5 m to \$5.0 m

Step 3: Complete SPUI Interchange \$14.0 m to \$16.0 m

TOTAL COST (2021 dollars) \$25.0 m to \$30.0 m



Next Steps

- Update Traffic Model (underway)
 - Develop Funding Strategies *
 - Alternative Screening Process
 - Refine Selected Preferred Alternative
 - Complete Environmental Clearances
 - Final Design, ROW acquisition, Utilities
- * Note: Construction Schedule is unknown currently due to unknown funding plan

Questions?

Art Griffith, Douglas County

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