

# BROADBAND STUDY ADOPTION

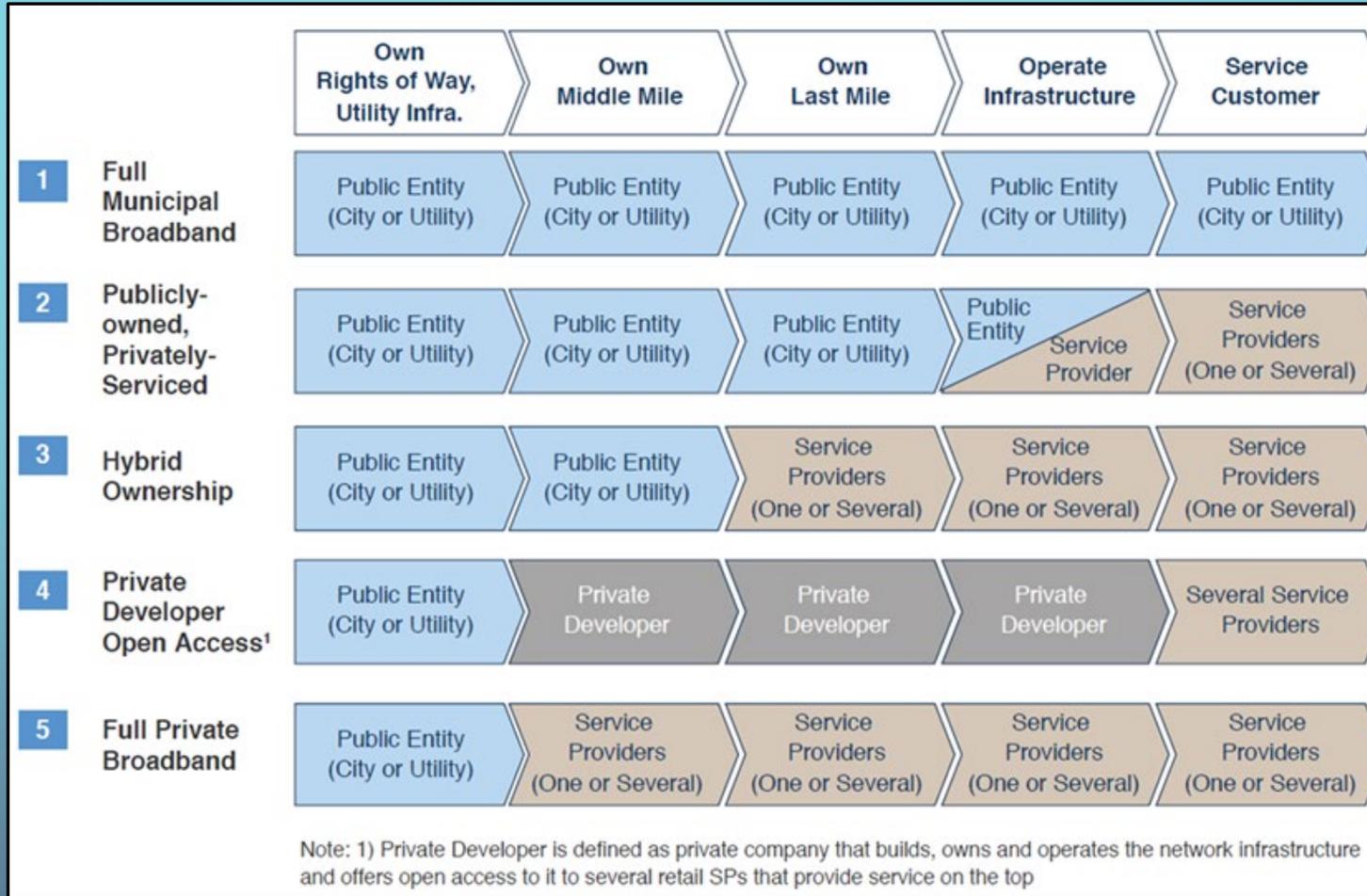
CITY COUNCIL MEETING APRIL 11, 2024

# BACKGROUND

- City Council goal starting in 2019
- The City contracted with HR Green to conduct a Broadband Feasibility Master Plan Study.
- Two (2) Study Sessions were held with the City Council – June 22, 2023, and January 11, 2024
- Plan was completed March 2024

# CITY MAIN BUSINESS MODEL OPTIONS FOR BROADBAND EXPANSION

## RECOMMENDATION – HYBRID OWNERSHIP

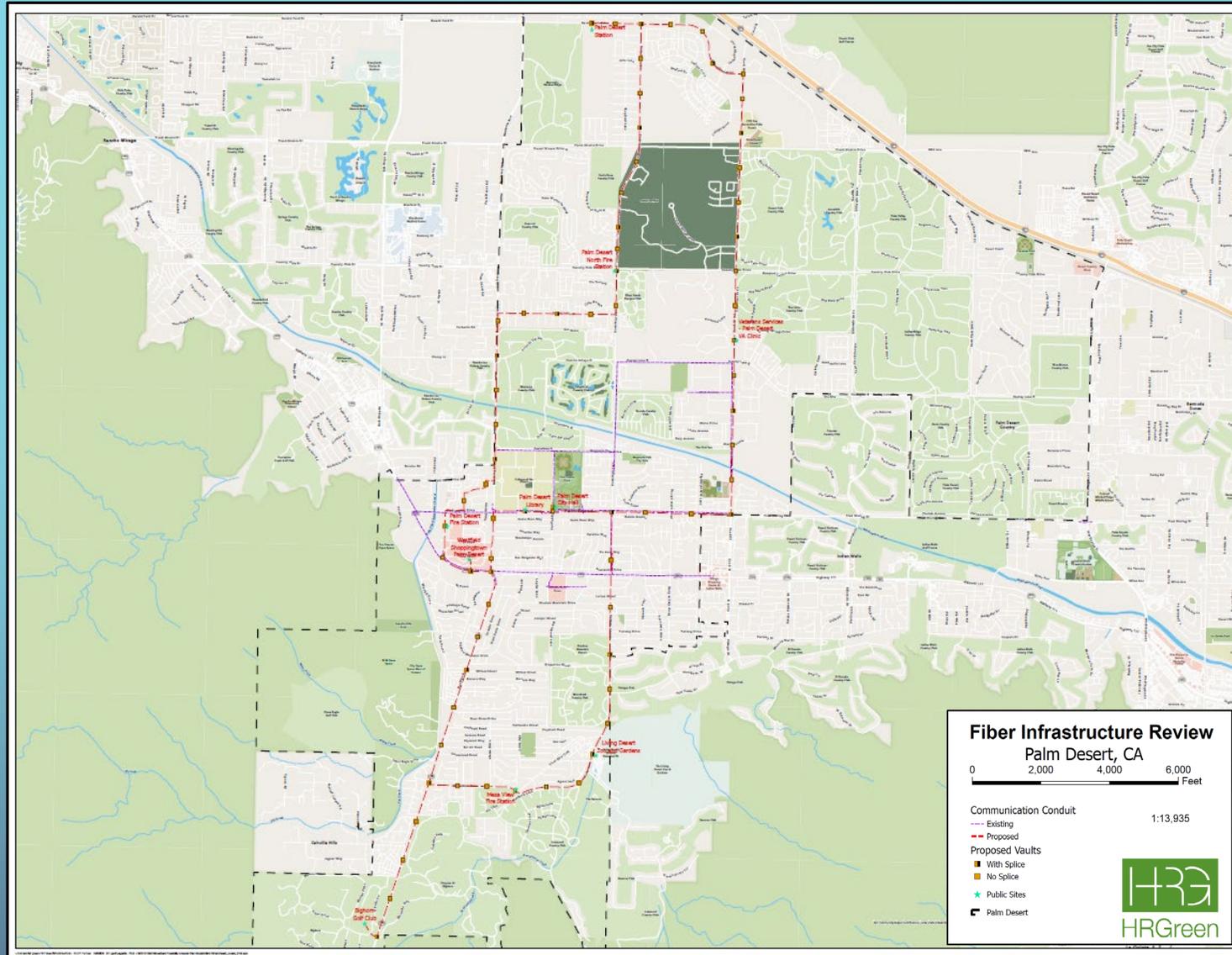


# COST FOR BUILD-OUT OF HYBRID OWNERSHIP

<b>Category Description</b>	<b>Cost Estimate</b>	<b>Price per foot</b>
<b>Estimated 288ct Material Costs</b>	\$697,429	\$6.24
<b>Estimated Backbone Installation Cost (no splicing)</b>	\$9,803,606	\$87.75
<b>Estimated Design Engineering and PMO Labor Cost</b>	\$298,298	\$2.67
<b>Estimated 288ct Total Backbone Segment w/Splicing Cost</b>	\$12,167,553	\$108.91

# RECOMMENDATION - MIDDLE MILE CONNECTION

- Consists of two (2) middle mile rings
  - First ring north from Highway 111
  - Second ring south from Highway 111
- The design was selected to ensure coverage of the full City with a focus on City facilities.
- The ring will provide the backbone from which last-mile fiber connections can be built to reach the City's residents and businesses.



# FUNDING OPPORTUNITIES (CITY TO WORK WITH HR GREEN)

- Bond and Loan Funding
- Broadband Equity Access and Deployment Program (BEAD)
- Broadband Loan Loss Reserve Fund
- California Advanced Services Fund
- California Last-Mile Federal Funding Account
- California Teleconnect Fund

# OPTIONS

- Netly/Ubiquity - A private utility provider which plans to build an open-source network in the Coachella Valley over the next several years and they would use the Broadband Master Plan to as guidance to build out their network.
- Coachella Valley Association of Governments (CVAG) – CVAG is working with HR Green on a regional Broadband Strategic Plan that aims to boost regional broadband access in underserved and unserved areas of the Coachella Valley. CVAG’s work will complement the work being done by the cities, not duplicate it.

## NEXT STEPS

- Release a Request for Proposals (RFP) for partners to build the middle mile, and possibly last mile.
- Pursue grants
- Contract with HR Green for the above.

# RECOMMENDATIONS

- Adopt Broadband Feasibility Master Plan.
- Approve the release of an RFP to find partners to build the network.
- Approve staff to seek grant funding for middle-mile construction.
- Authorize a contract with HR Green to manage the RFP and grant processes.