

Sonoqui Wash Trail Concept Design Project

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Recreation Manager
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Purpose of Presentation

1. Brief history
2. Purpose of project
3. Process – public input and PRAC recommendations
4. Review concepts & estimated costs
5. Vote or provide direction

Sonoqui Wash Trail Concept Design



1. Brief history

Riggs Rd Project

Historic Site

Original Plans

Value in consistency

Sonoqui Wash Trail Concept Design



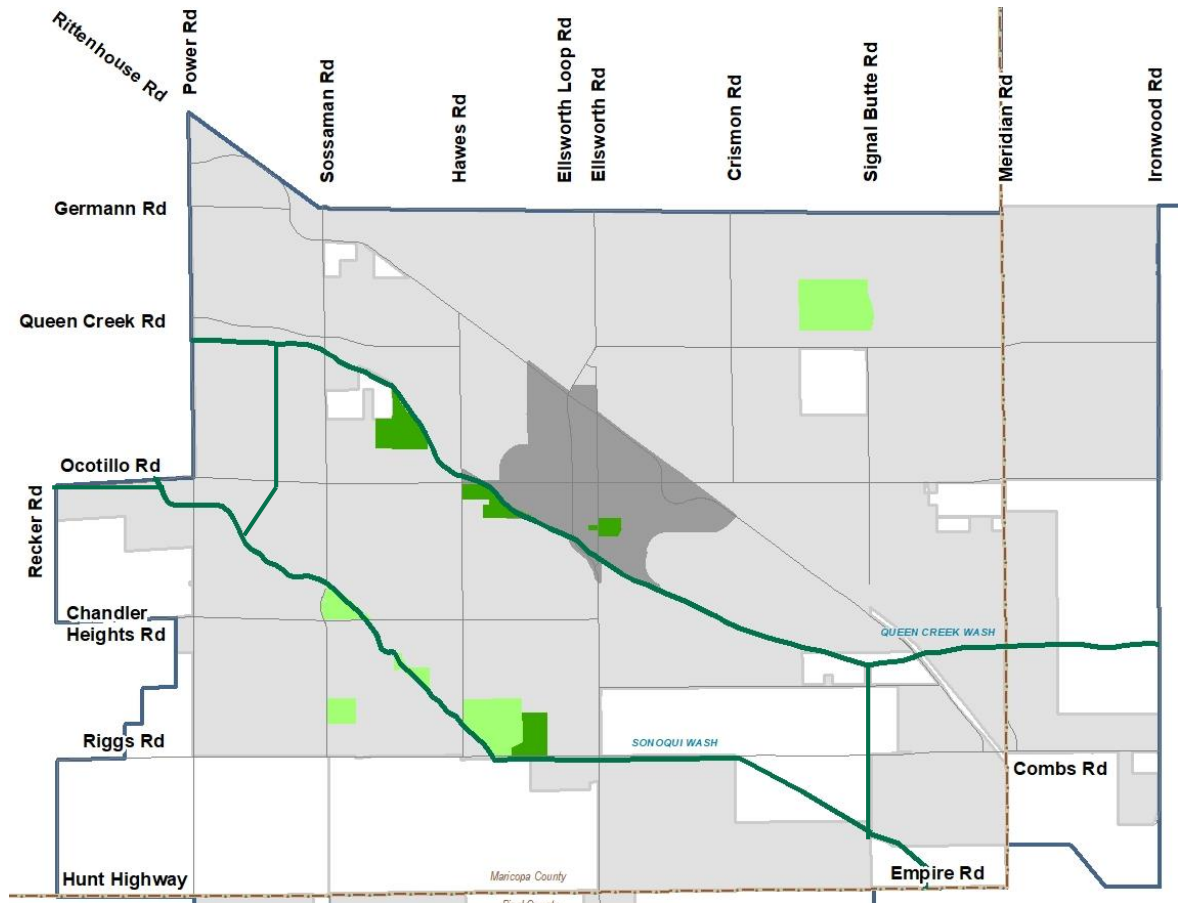
2. Purpose of Project

Themed Sections

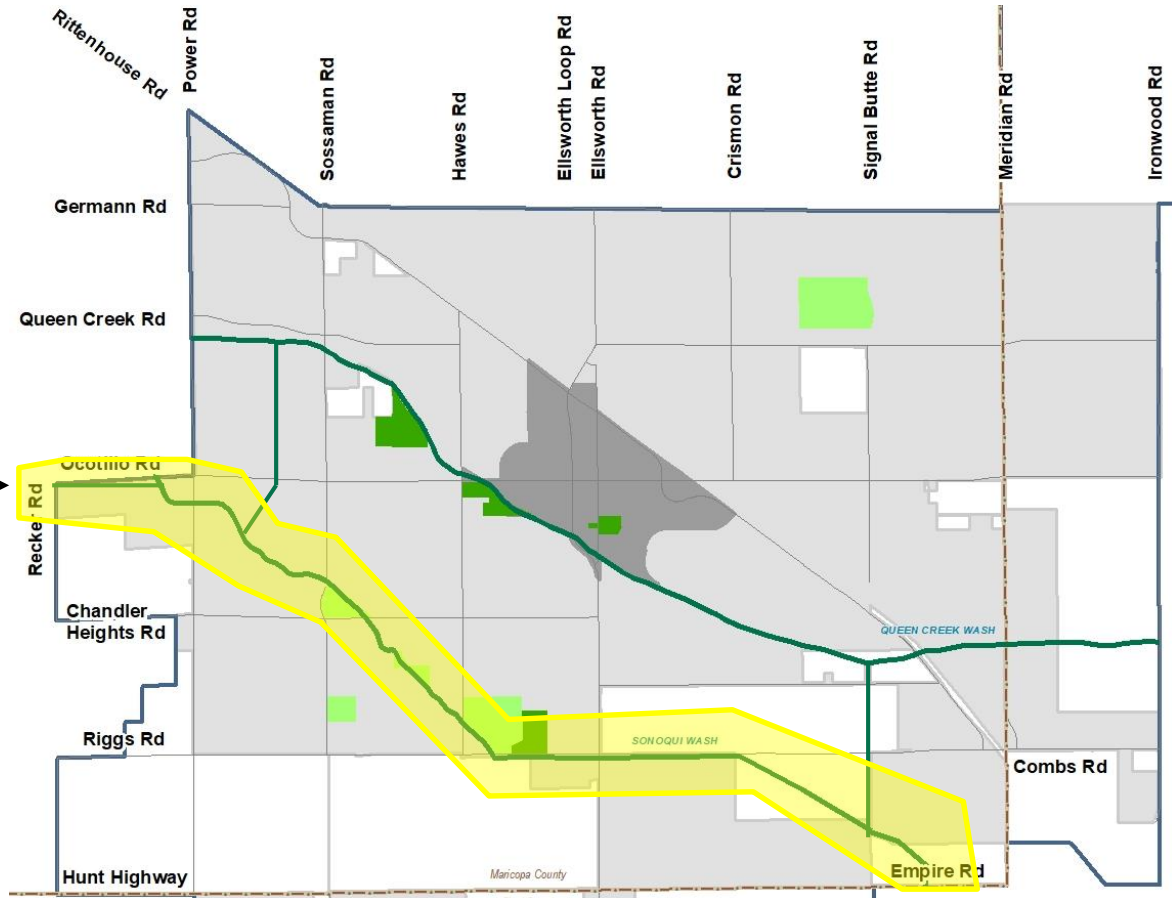
Design Language

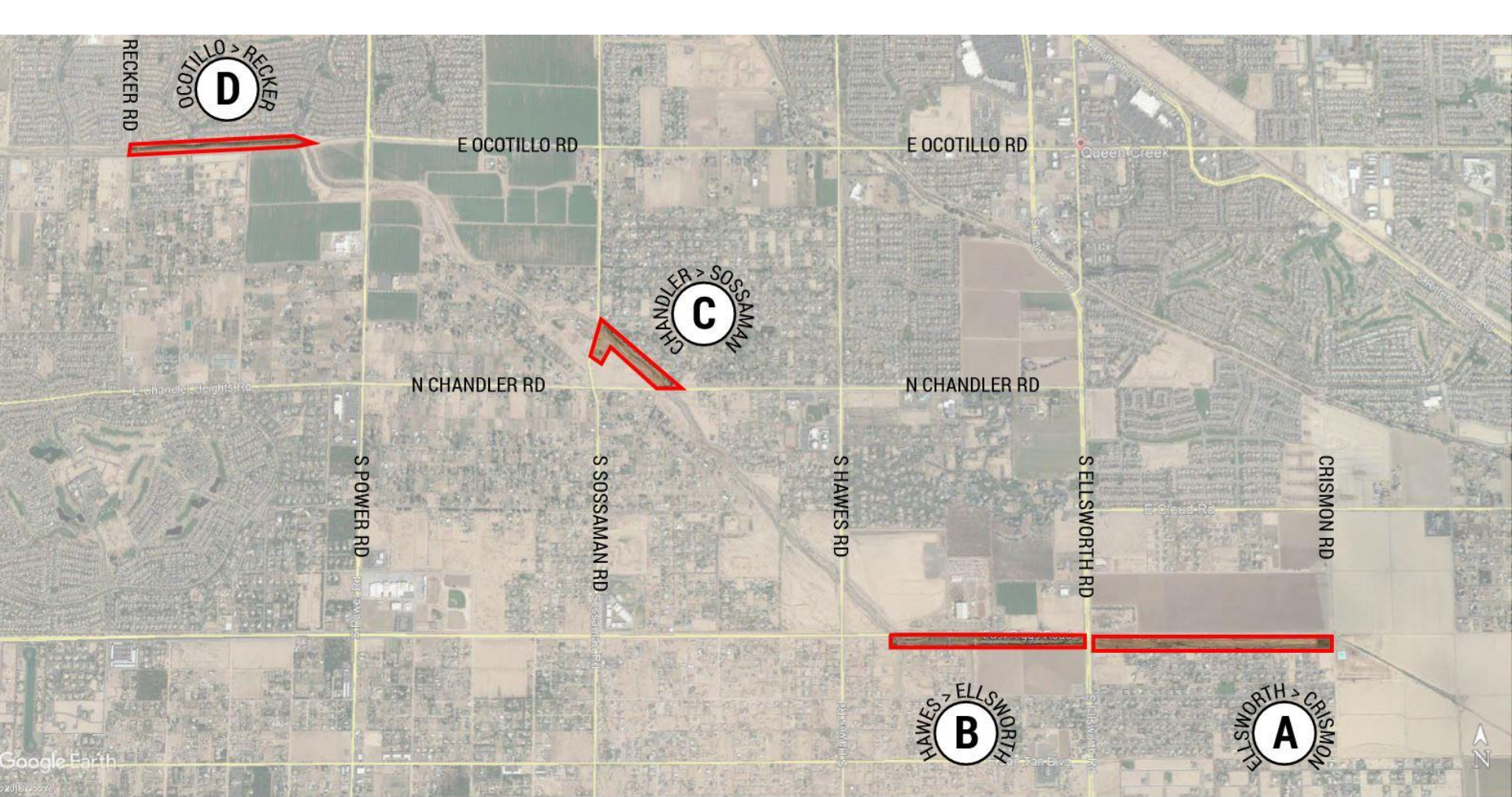
Consistent Experience

Efficient Future Projects



Sonoqui Wash Trail





OCOTILLO > RECKER
D

CHANDLER > SOSSAMAN
C

HAWES > ELLSWORTH
B

ELLSWORTH > CRISMON
A

Sonoqui Wash Trail Concept Design



3. Process

Sonoqui Wash Trail Concept Design

■ Public Input

- Jan 10 - stakeholder meeting
- Jan 26 - public open house on the trail
- Feb 4 - PRAC Meeting
- Apr 9 - PRAC / Public Meeting
- May 14 - PRAC / Public Meeting



Sonoqui Wash Trail Concept Design



- Staff Input
 - Meets codes and regulations
 - Data
 - Easements
 - Accessibility

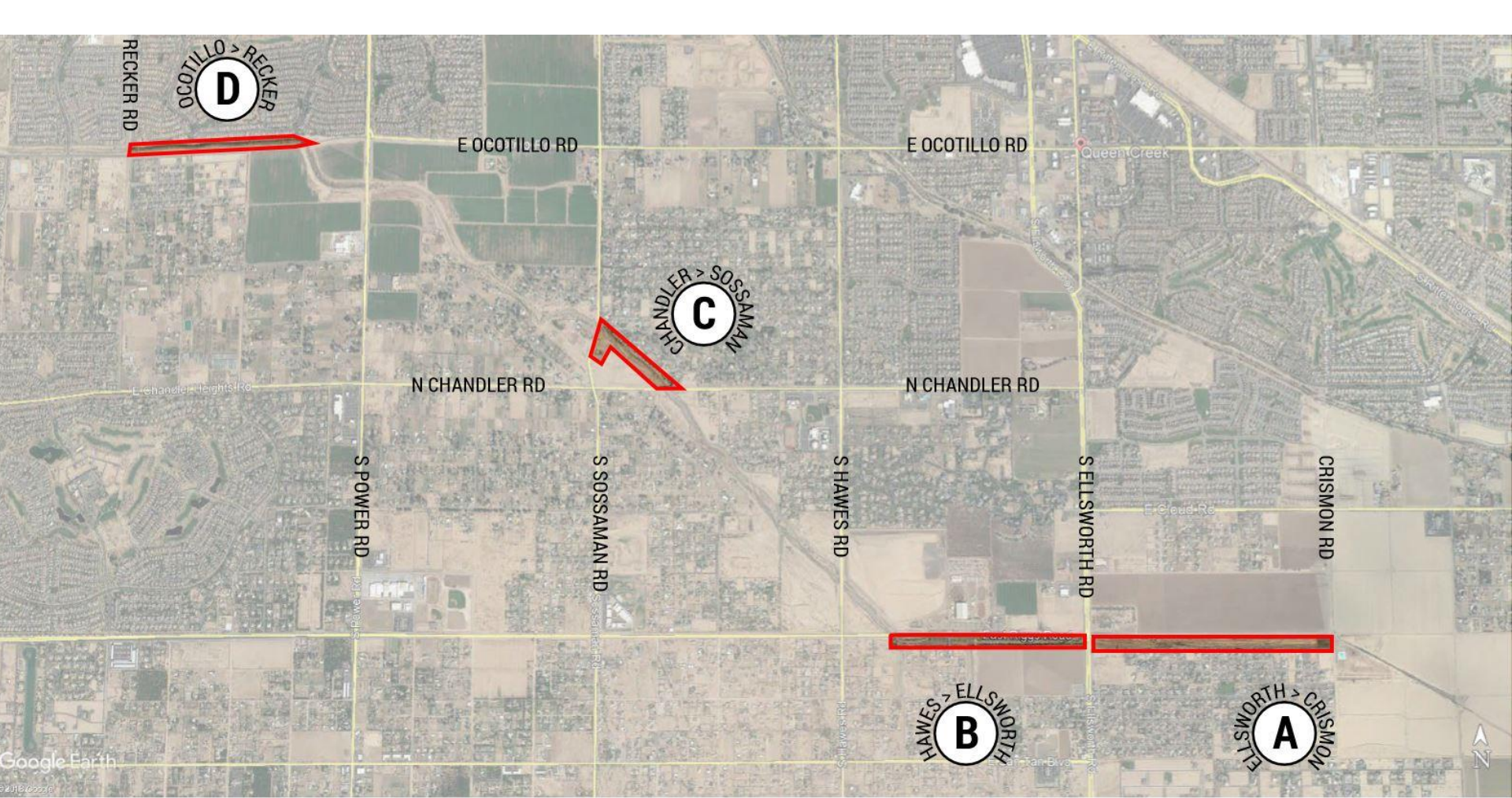


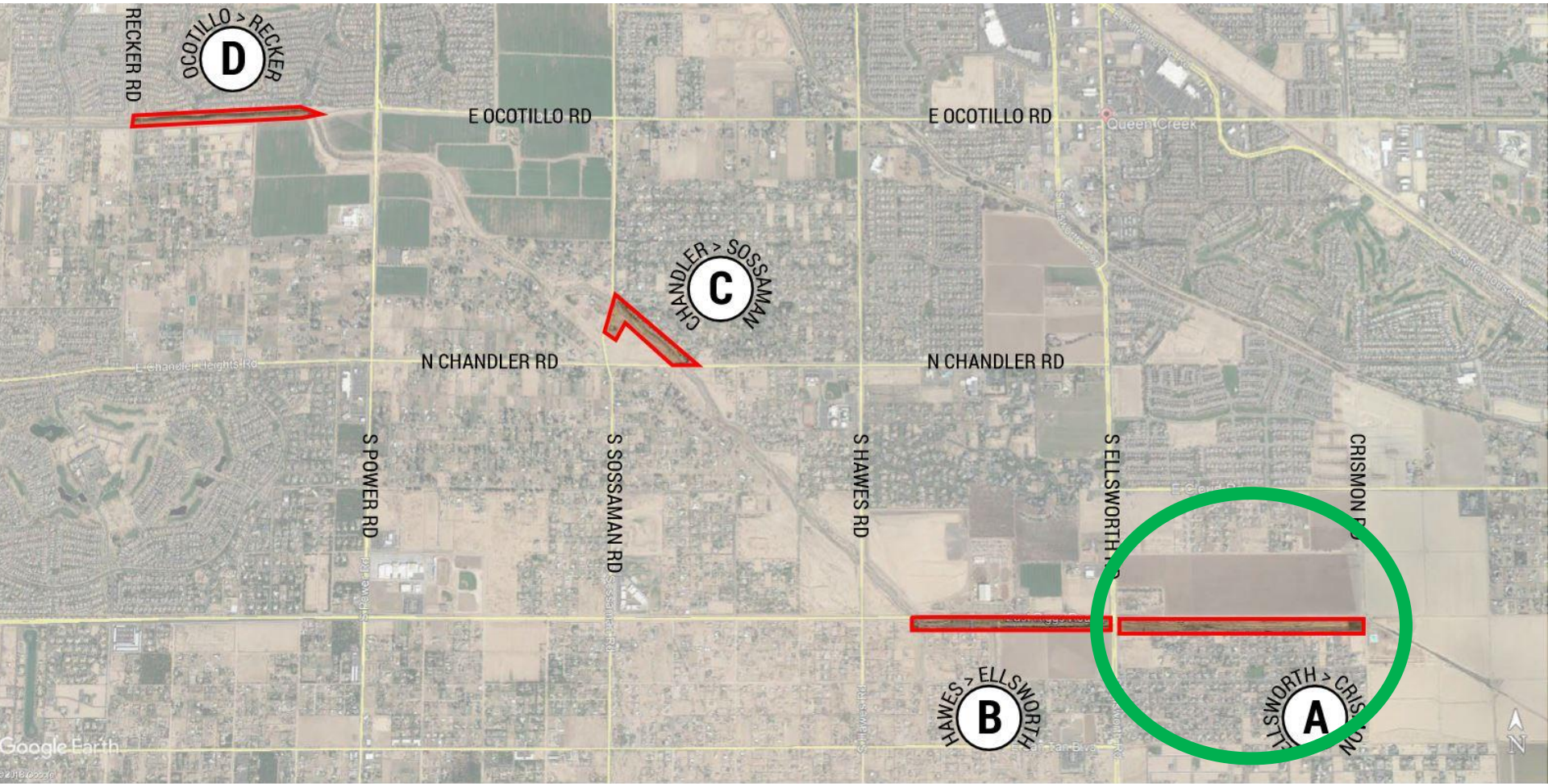
Sonoqui Wash Trail Concept Design

4. Review Concepts & Estimated Costs

- Themed sections
- Design language to carry through projects
 - Color scheme
 - Signage
 - Structures
 - Site furnishings
- Scalable
- Cost estimates









Ellsworth Rd

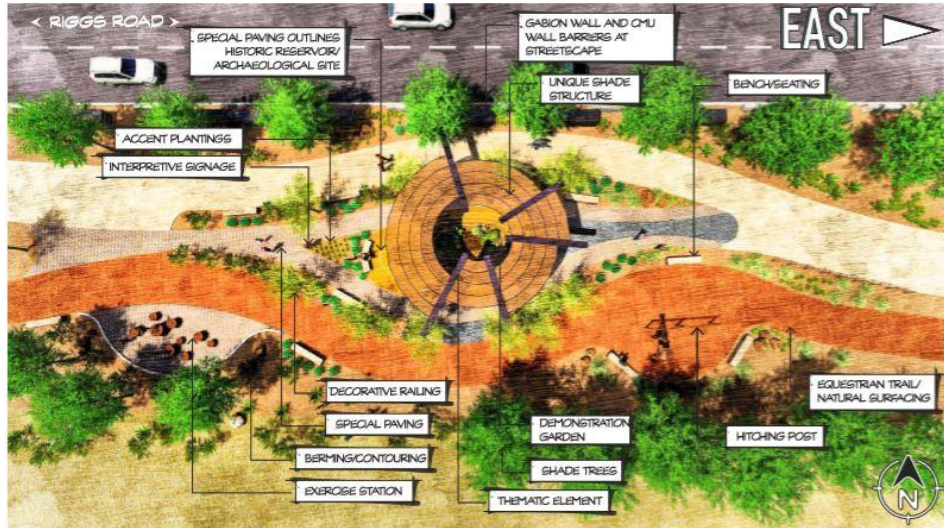
Riggs Rd

An aerial photograph of a suburban area. At the top, there are large green agricultural fields. Below them, a road labeled 'Ellsworth Rd' runs horizontally. Further down, another road labeled 'Riggs Rd' runs horizontally. A green oval highlights the intersection of these two roads. Below Riggs Rd is a residential neighborhood with many houses and trees. The bottom left corner has a small text overlay.

Ellsworth Rd

Riggs Rd

ELLSWORTH & CRISMON | WEST

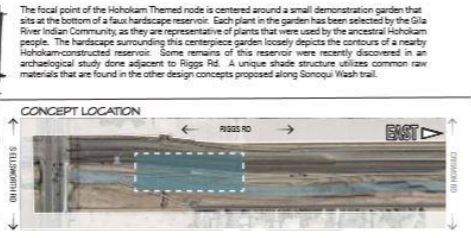
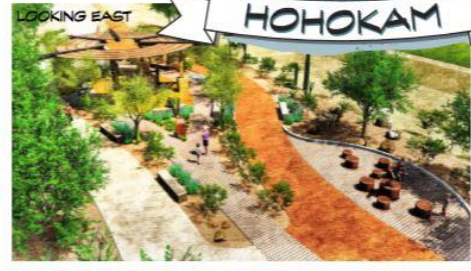


HOHOKAM CONCEPT

Long before the settlers that transformed the land into large production farms and dairies in and around what would become Queen Creek, the ancestors of the O'odham inhabited, farmed, and utilized the natural resources of the area. These ancient peoples were a desert-adapted culture that are best known for constructing massive and elaborate canal systems along the perennial Salt and Gila Rivers from about AD 450 to 1450. However, along the many ephemeral drainages that crisscross the Queen Creek area, rainfall-harvesting and water-storage technologies largely overshadowed canal irrigation. These technologies permitted the establishment of year-round settlements in the water deficient region. One of those technologies was a massive human-constructed reservoir and an associated intake channel that supplied water year-round to a nearby village. The reservoir's estimated storage capacity of 1,200 cubic meters (317,000 gallons)—among the largest prehistoric reservoirs documented in Arizona—underscores the site inhabitants' ability to successfully harvest rainfall for year-round domestic use.



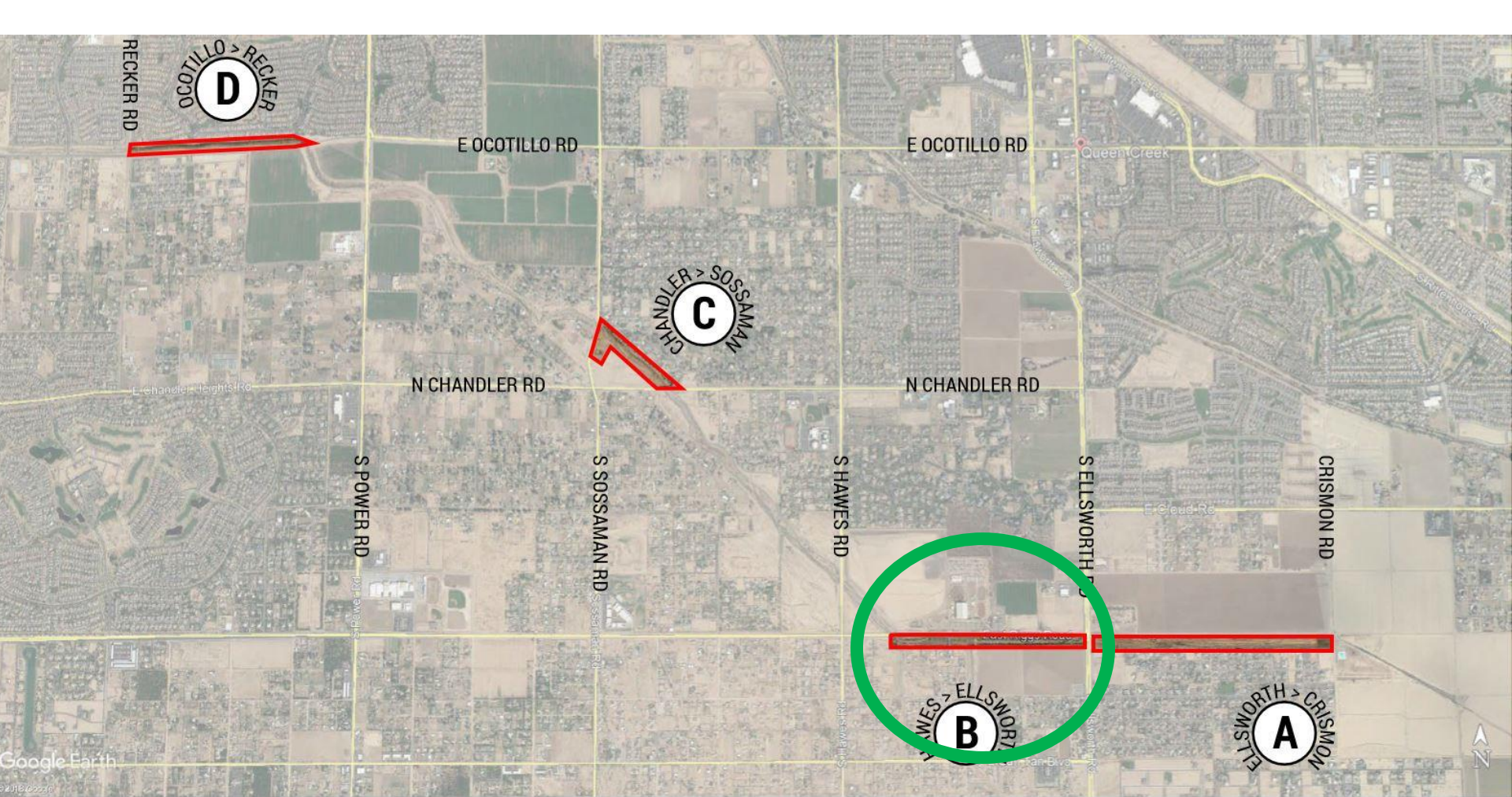
DEMONSTRATION FOCAL SPACE



Sonoqui Wash Trail Concepts

HOHOKAM NODE CONCEPT - TOWN COUNCIL MEETING #1
PROPOSED CONCEPTS



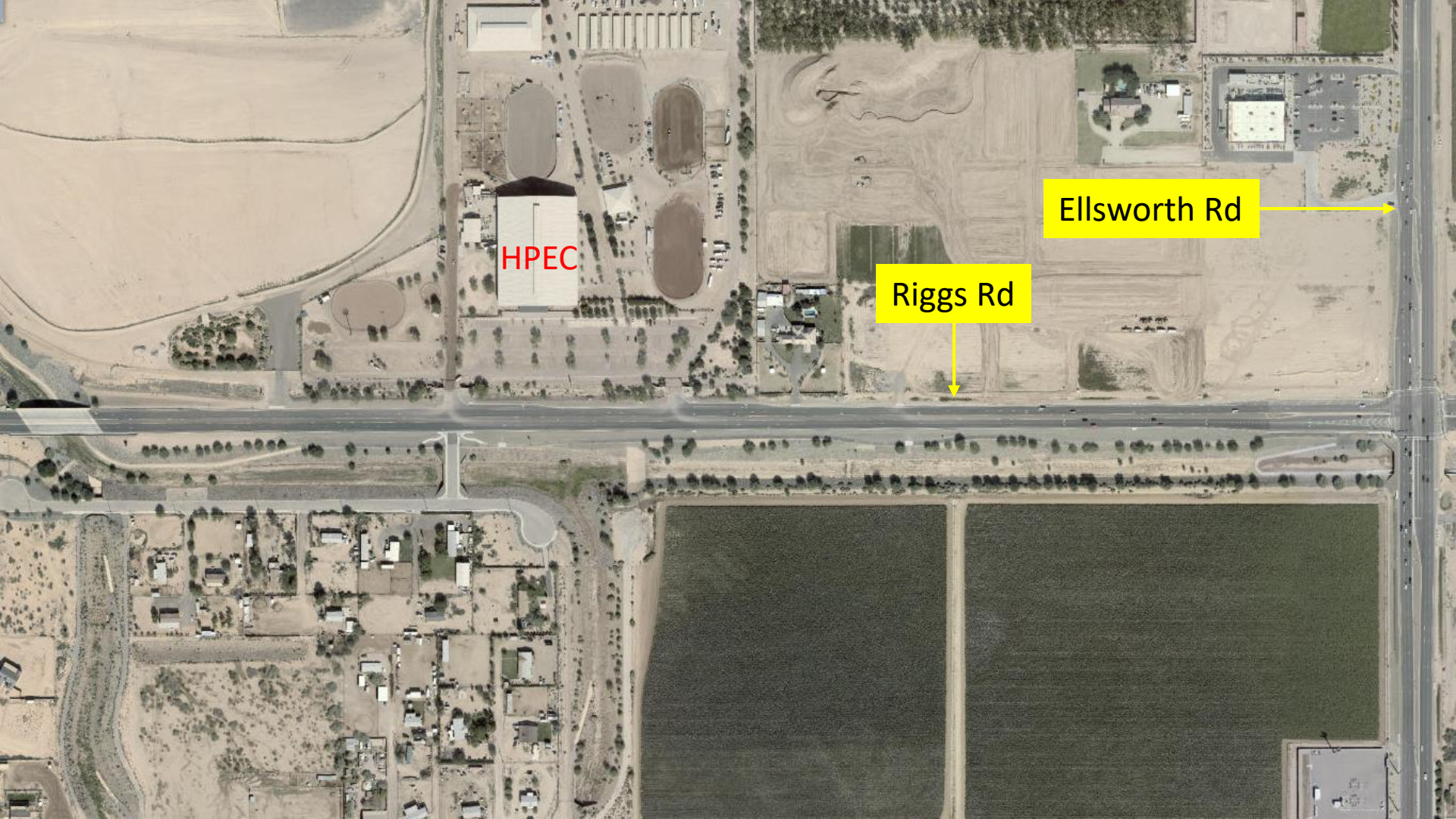


OCOTILLO > RECKER
D

CHANDLER > SOSSAMAN
C

JAMES > ELLSWORTH
B

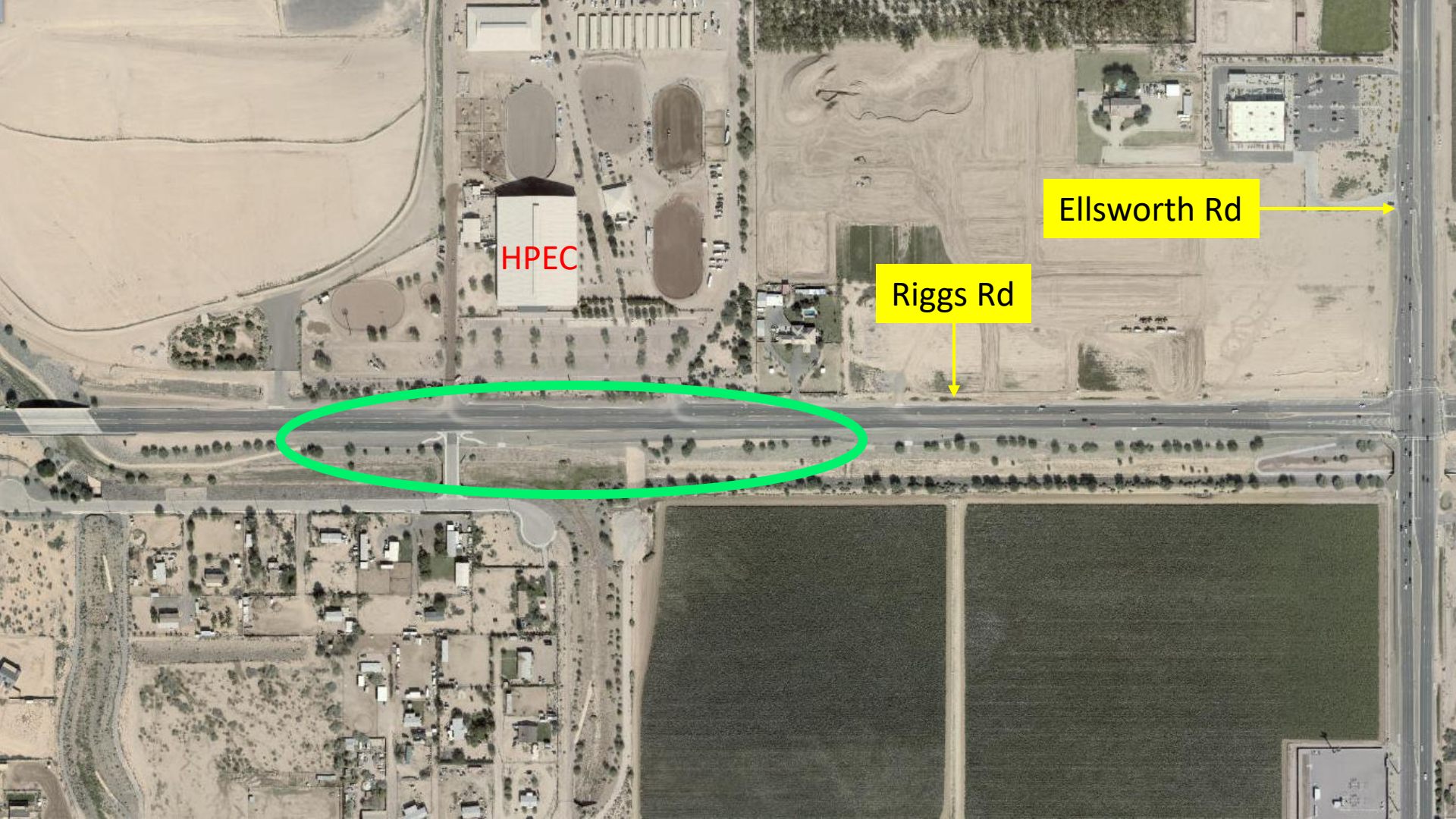
ELLSWORTH > CRISMON
A



HPEC

Riggs Rd

Ellsworth Rd



HPEC

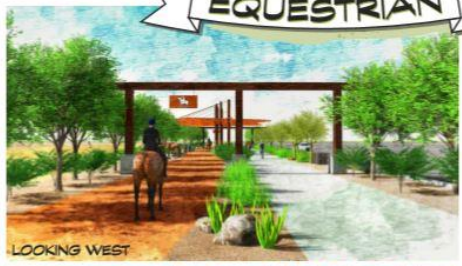
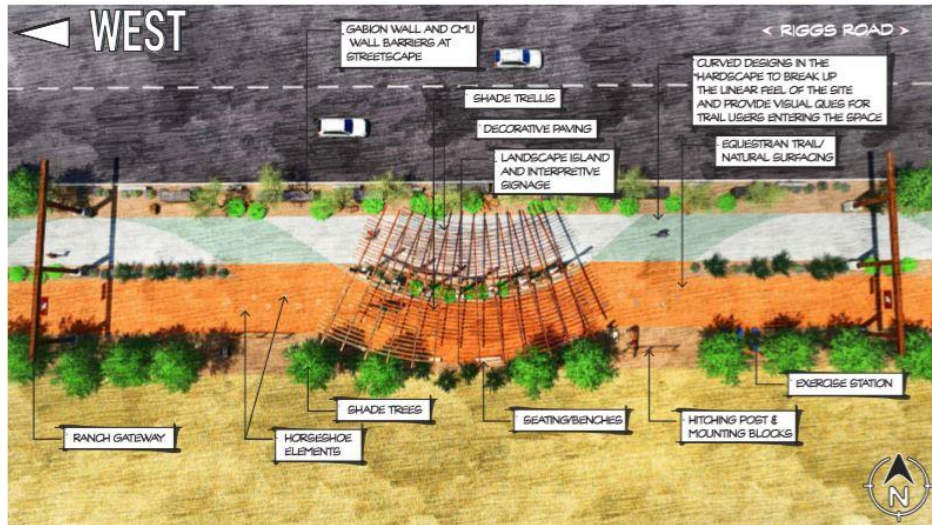
Riggs Rd

Ellsworth Rd

HAWES & ELLSWORTH | EAST



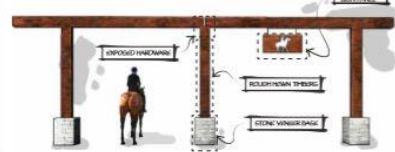
EQUESTRIAN



EQUESTRIAN CONCEPT

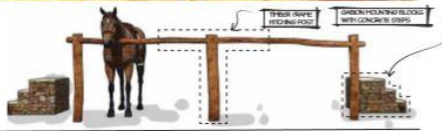
One of the unique characteristics of Queen Creek is that it is a very horse- and equestrian-friendly community. The equestrian and ranch lifestyle is alive, well, and thriving in this community. This concept pays homage to the ranch and equestrian community by creating unique and identifiable entries into this trail node and applicable features within the node.

RANCH GATEWAY THEMATIC ELEMENT

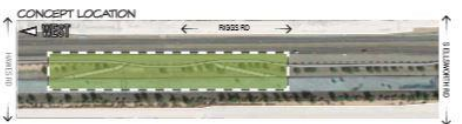


HITCHING POST THEMATIC ELEMENT

A series of hitching posts and mounting blocks will be provided for the equestrian users. Bike racks will be provided for cyclists to park their bikes while they rest or mingle with other trail users. Split rail fencing will be developed as a barrier between the trail node and the vehicle traffic on the adjacent roadway.



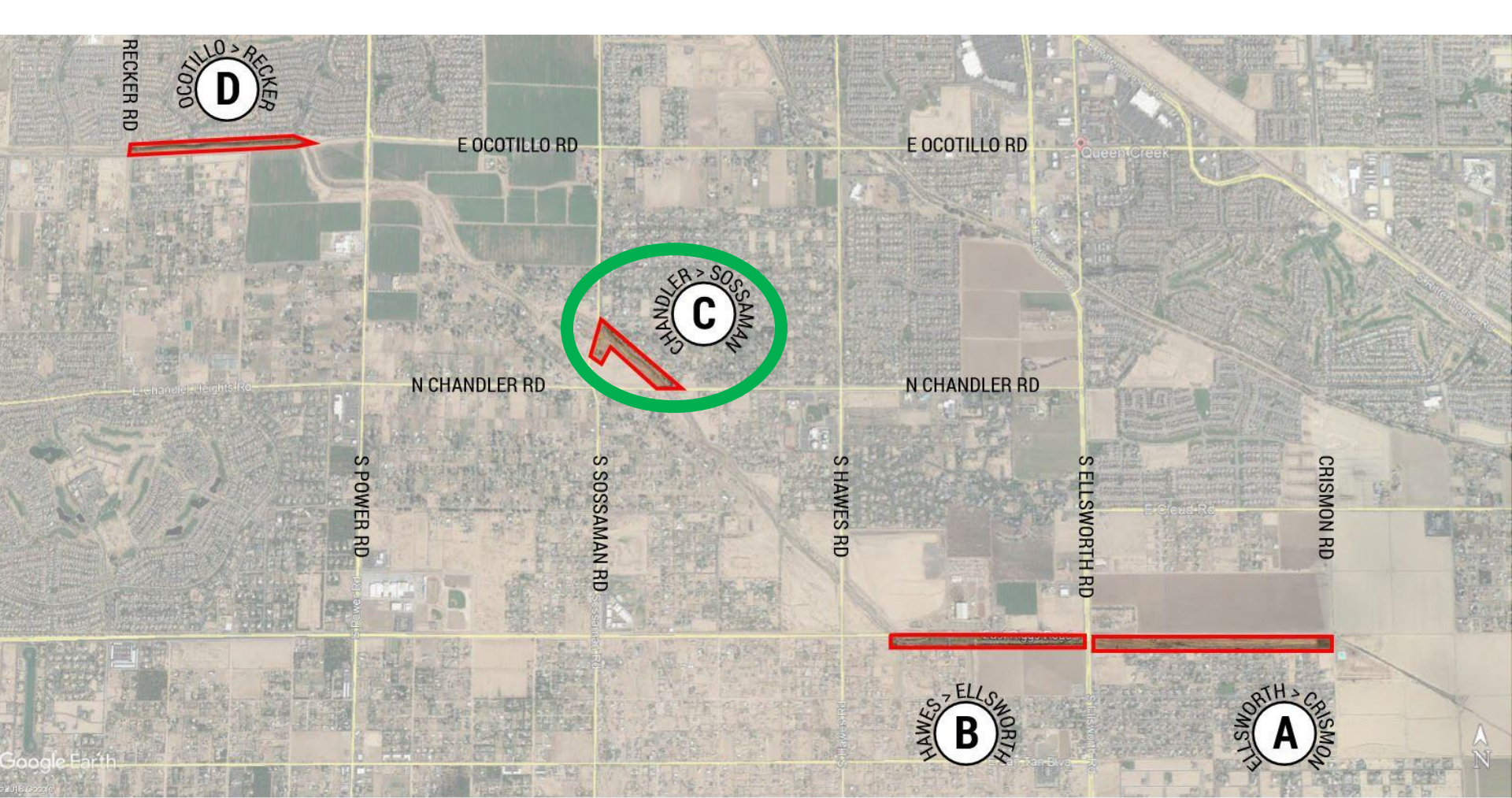
The entries into this node will include the use of overhead ranch-style gateways. The gateways will be tall enough and scaled correctly to allow for horses to easily pass below without causing any fear or stress to the animal. Additionally, these gateways could include traditional signage with any number of logos or text on them, perhaps the Town of Queen Creek logo or Sonoqui Wash icons. The ranch gateways will provide a strong sense of arrival and help establish the overall theme of the trail node, easily recognizable, these gateways will become known points along the trail and will be convenient points for trail groups to meet and to gather at. The ranch gateways will extend over both the handscaped trail (for cyclists and pedestrians) and the horse path, which will have a natural surface.



Sonoqui Wash Trail Concepts

EQUESTRIAN NODE CONCEPT - TOWN COUNCIL MEETING #1 PROPOSED CONCEPTS

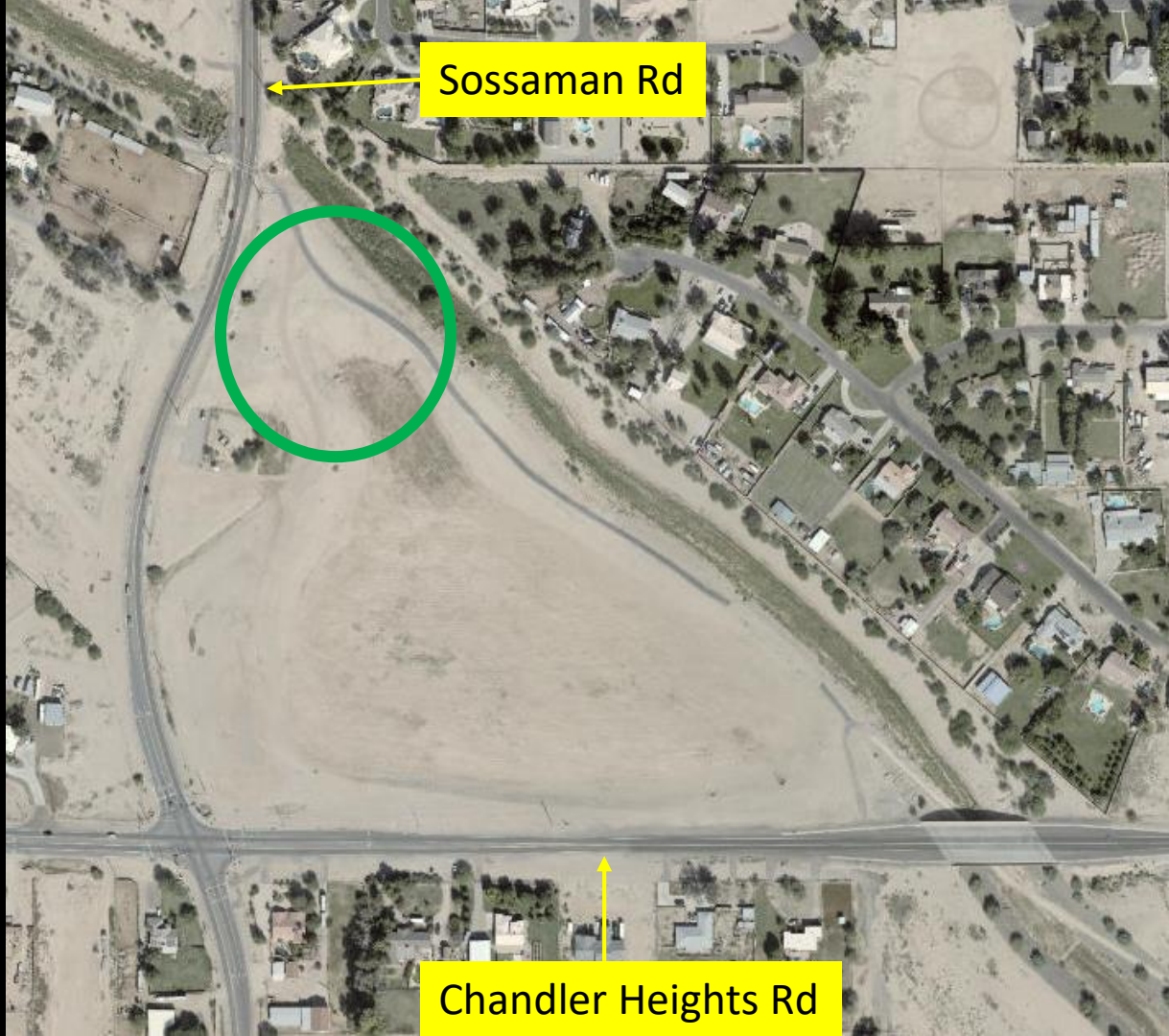






Sossaman Rd

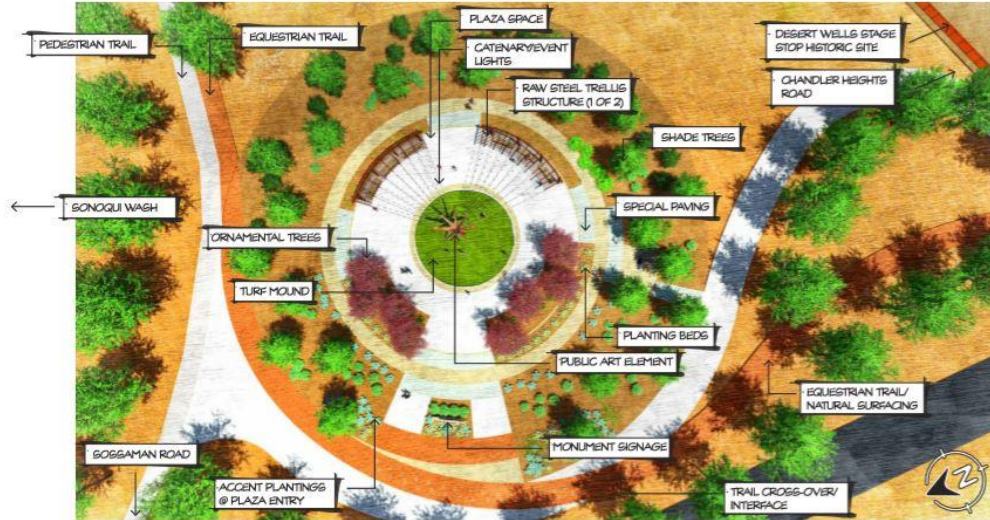
Chandler Heights Rd



Sossaman Rd

Chandler Heights Rd

CHANDLER HEIGHTS & SOSSAMAN



COMMUNITY CONCEPT

The concept for this trail node or rest area is "Community" and celebrates the history and the people that make Queen Creek unique and a great place to live and work. The essence of this concept is to provide a unique and identifiable environment for the community to gather and share ideas, watch performances, and enjoy the outdoors. The circular nature of the center plaza will allow several different types of events to be staged at this location, such as small intimate performances, plays, concerts, discussions, or small outdoor markets, or just be a place to take a break along the Sonoqui Wash trail. Shade in and around the plaza will be via a combination of overhead trellis structures and shade trees.

TURF MOUND WITH PUBLIC ART ELEMENT



Set in the middle of the plaza space will be a circular turf mound that will rise a couple feet above the adjacent landscape elevation and will be home to a public art piece not yet designed. The raised turf mound will allow for someone presenting to a small group of visitors to be a few feet higher than the audience, which will allow for better sight lines and acoustics, essentially serving as an informal stage. Additionally, children are often attracted to these types of



features, so this will likely be an attraction for visitors with small children. The small turf area would include underground irrigation with pop-up heads and could easily be overseeded with winter rye to ensure a deep green color throughout the year.

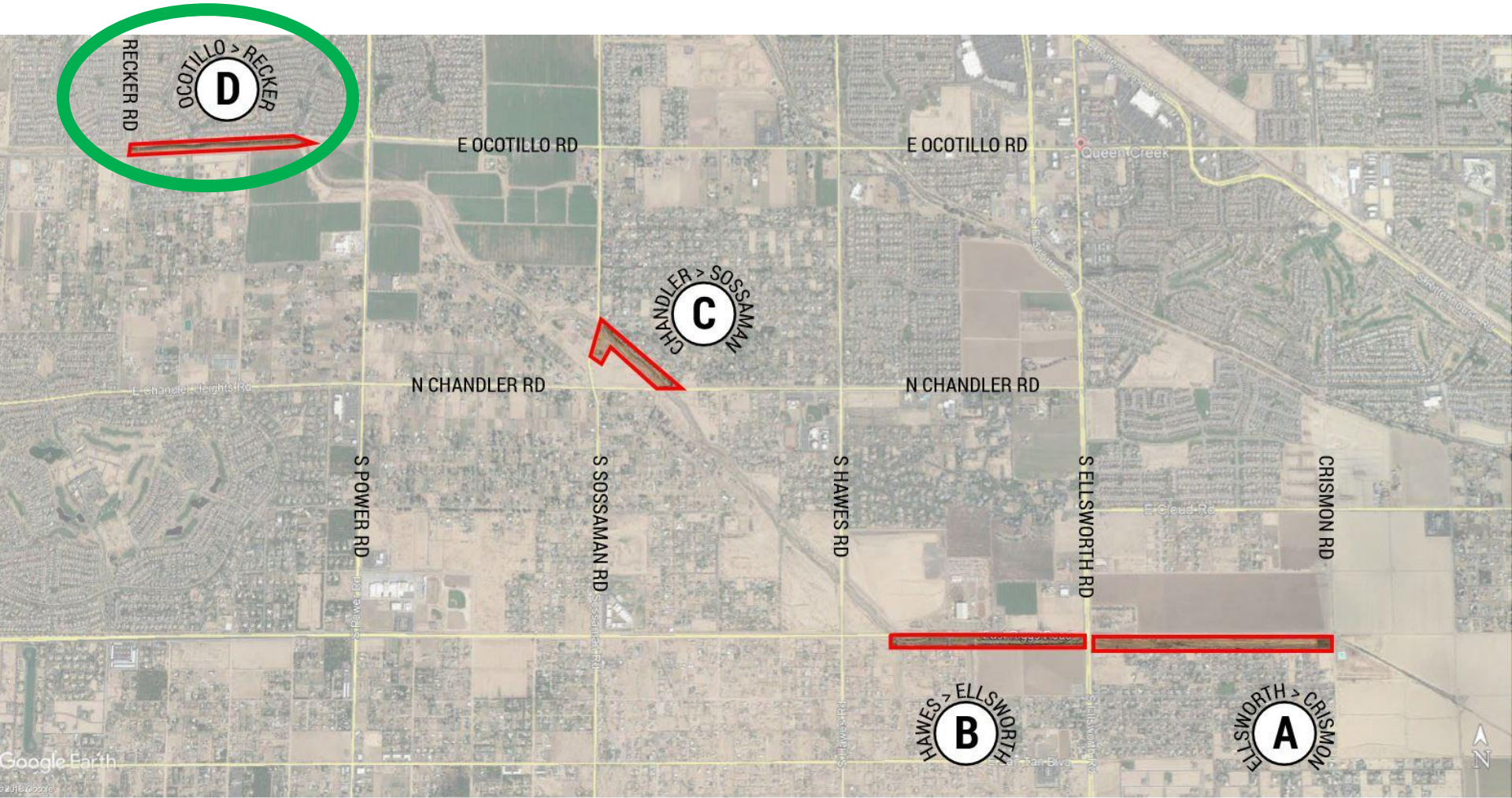


Sonoqui Wash Trail Concepts

COMMUNITY NODE CONCEPT - TOWN COUNCIL MEETING #1
PROPOSED CONCEPTS



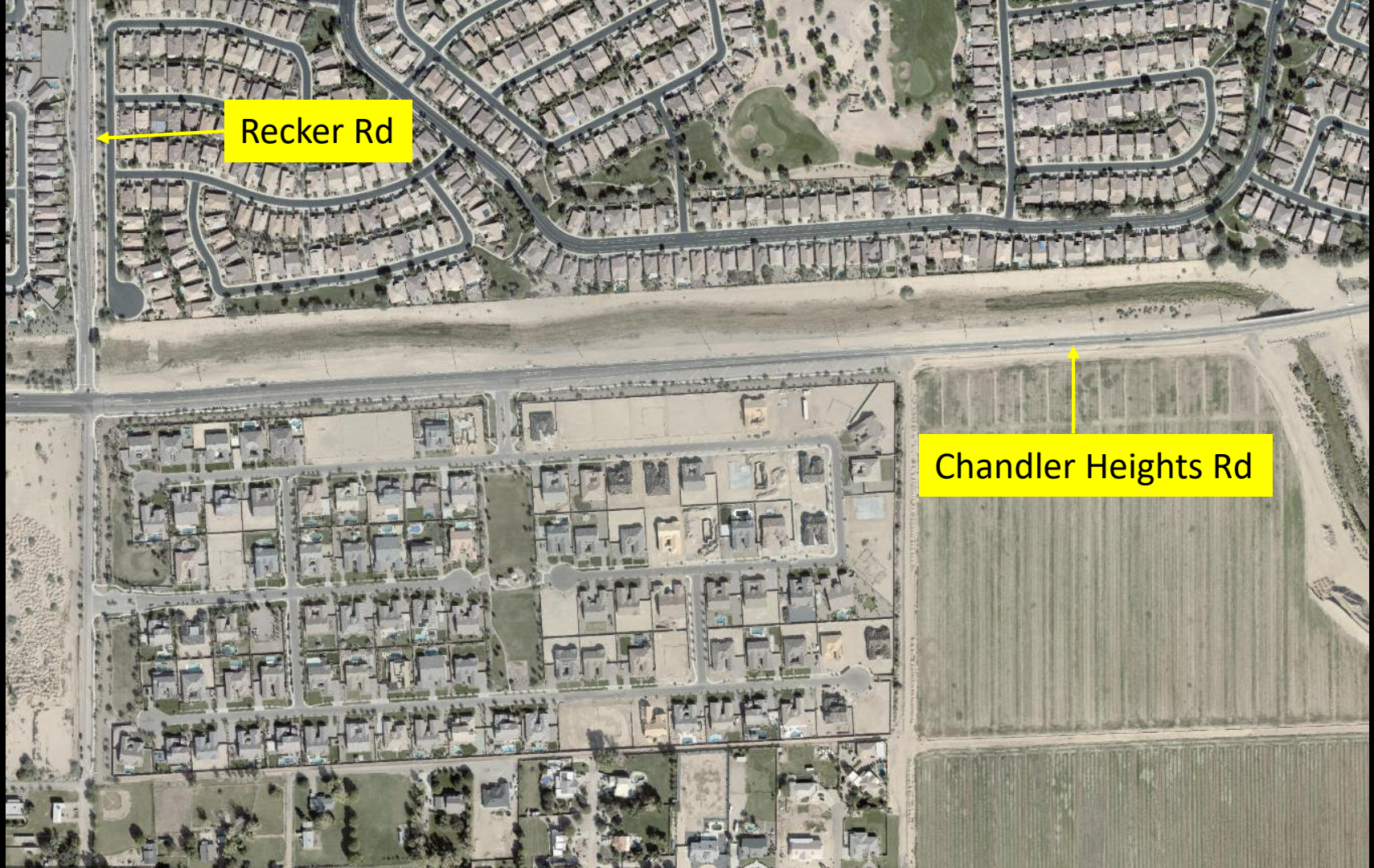
LOGAN SIMPSON



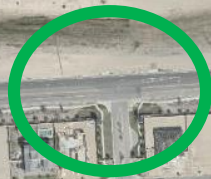
Recker Rd



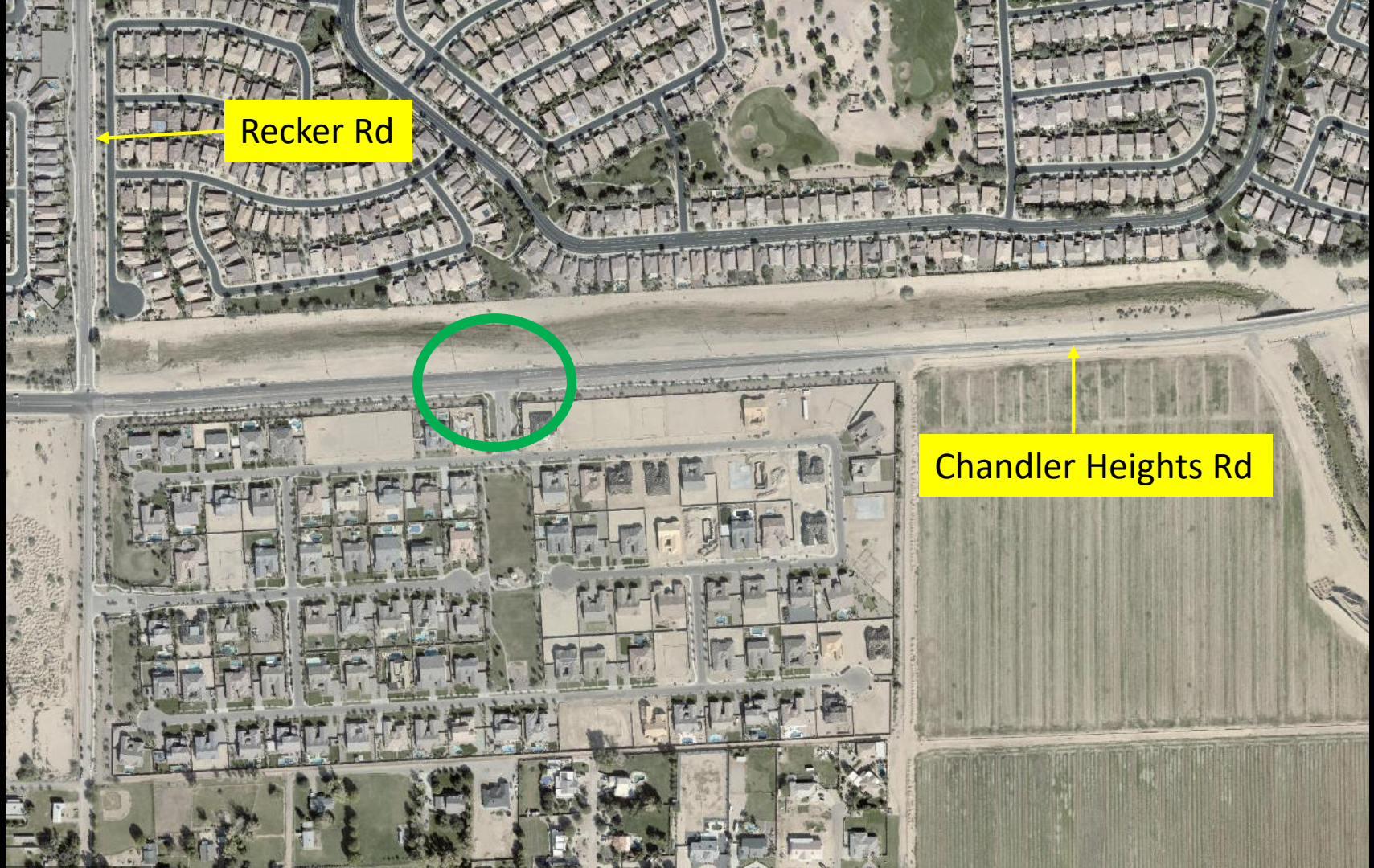
Chandler Heights Rd



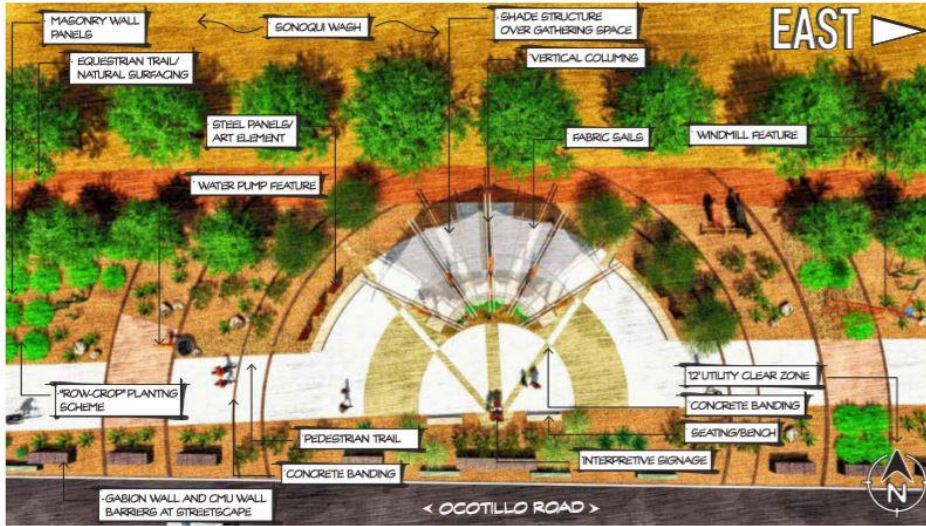
Recker Rd



Chandler Heights Rd



RECKER & OCOTILLO | WEST



AGRICULTURE NODE

The Town of Queen Creek is well known as a community with a strong agricultural history and lifestyle, which is the selected theme for this concept. The families that originally established farmsteads in the area and the subsequent agricultural development set the foundation for the modern development and growth of Queen Creek as we see today. Queen Creek's history of agriculture is a rich and valuable resource that should be shared with visitors and community members alike.

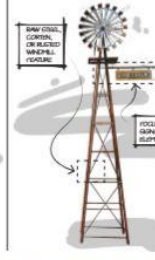
STEEL PANELS THEMATIC ELEMENT

Interpretive signage will be incorporated into the trail node to provide information regarding the original rural character of the area. Information may include the names of some of the original farming families, locations and sizes of farms, most common crop types, and general information about the local processes for planting, fertilizing, managing and harvesting of crops. Maps could be used to depict the growth and development of the Queen Creek area, and the loss of viable farmland over time. It is important for the public to understand the role that farming played in the Queen Creek area, which is the goal of this trail node.



WINDMILL THEMATIC ELEMENT

The windmill is one of the most iconic structures in agriculture and will exhibit the theme of this area, even from a distance. The windmill will consist of raw steel and will have the aesthetic of a weathered structure that has stood the test of time. It is still undetermined if the blades will actually rotate or be a static installation (static would most likely be the best option from a maintenance standpoint). Signage will be incorporated into the windmill structure and may reference information regarding the immediate section of trail, Town of Queen Creek, or other related information. The windmill will provide the opportunity to introduce unique lighting concepts; up-lighting could wash the structure in a soft glow and highlight its unique character during the evening hours. The windmill feature will be designed as not to allow climbing.



WATER PUMP FEATURE THEMATIC ELEMENT



The Water Pump Feature is an interactive play structure intended to be an educational activity for children. Upon pumping the device, water will pour from the spout and collect in the steel farm tub which will spill over at full capacity. The sequence will simulate water running through a wash, but in this case, the water will be dispersed into a dry "river bed" of angular rock that accents the site.



Sonoqui Wash Trail Concepts

AGRICULTURE NODE CONCEPT - TOWN COUNCIL MEETING #1 PROPOSED CONCEPTS



LOGAN SIMPSON



Estimated Whole Project Costs

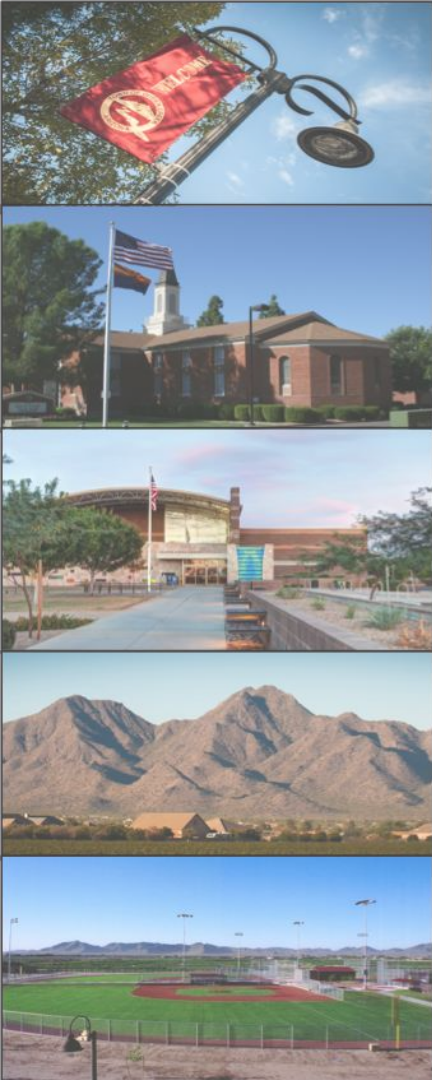
- Section A – Hohokam: \$1.6M
- Section B – Equestrian: \$1.25M
- Section C – Community: \$1.2M
- Section D – Agriculture: \$1.6M

Conceptual designs were created with the ability to scale-up or scale-down final design to match allotted budgets.



DISCUSSION





Town Council Options

- Motion to approve the four design concepts for the Sonoqui Wash Trail Design Project
- Direct staff to return to a future meeting with updated plans and/or additional information