

# **TOWN OF PARADISE VALLEY**

## **Lincoln Drive Median Improvements**

### **Landscaping**

**February 27, 2020**



# PROJECT OVERVIEW

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## Project Overview:

1. Reconstruct Lincoln Dr. Medians between 32nd St. and Tatum Blvd.
2. Reconstruct Lincoln Dr. Medians between Tatum Blvd. and Mockingbird Ln.
3. Lincoln Dr. & Invergordon Rd. Intersection Improvements
4. Design Lincoln Dr. and Tatum Blvd. Intersection Enhanced Crosswalks per Visually Significant Corridor Master Plan

Timing of the proposed median improvements is critical for existing utility companies to complete their current installations, construct the proposed median improvements and allow for the Public Works Department asphalt mill & overlay project to start in the spring/summer of 2021.



# PROJECT SCOPE

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## Project Scope:

- Modify, Add/Remove Medians for improved safety, traffic operations and landscaping
- Median Access Priority:
  - a. Police Department & Fire Station No. 2
  - b. Resorts & Places of Worship
  - c. Signalized Intersections & Major Side Streets
  - d. Residential Driveways (Approximately 80)
- Install Irrigation To Medians East of Tatum Blvd.
- Install landscaping In Medians
- Intelligent Transportation System (ITS) Improvements (spare conduit for future use)
- Met with Resorts, Places of Worship and Council Members to review median concepts
- Presented Median Layout at November 21, 2019 Council Work Study
- Added project information to Capital Improvement Projects website with comments section



# PROJECT SCHEDULE

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## Current Project Schedule:

- November 2019 Median Layout Verification
- January 2020 Finalize Median Layout, Landscaping and Lincoln & Tatum Intersection Crosswalk Design Options
- February 2020 Town Council Presentation
- May 2020 Design Completion
- June 2020 Start Construction (4 to 5 months)
- May 2021 Mill & Overlay Lincoln Dr. (separate project)



# LINCOLN DR. MEDIAN LAYOUT

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With the exception of the Franciscan Renewal Center Frontage the median layout has not changed since the previous Council Work Study. The Franciscan Renewal Center originally asked for a full median opening to align with their western driveway but has since rescinded that request.



# WORK STUDY DECISION POINTS

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Based on the November 21, 2019 Town Council Work Study staff would like to receive direction and/or comments on the following items in order to move forward with design and potential selection of a contractor.

- Left turn phasing for eastbound and westbound Lincoln Dr. at Invergordon Rd.
- Lincoln Dr. Character Areas landscape palette
- Lincoln Dr. and Tatum Blvd. enhanced crosswalk design options
- Enhanced crosswalk designs for all signalized intersections west of Mockingbird Ln.



# LINCOLN DR. & INVERGORDON RD. INTERSECTION



Invergordon Rd. Looking North At Lincoln Dr.



Invergordon Rd. Looking South At Lincoln Dr.



# LINCOLN DR. & INVERGORDON RD. INTERSECTION



Invergordon Rd. Looking South Towards Lincoln Dr.

To complete the turning movements off Lincoln Drive:

- Add approximately 4' of asphalt and 2' ribbon curb for approx. 400' (4 parcels) on west side of Invergordon Rd., north of Lincoln.
- Widening falls within existing right-of-way.
- Staff to work with residential properties affected to coordinate improvements in the right-of-way.
- Driveway modifications, mailbox relocation, landscaping, utilities, etc.



# LINCOLN DR. & INVERGORDON RD. INTERSECTION

At the previous Council Work Study staff was asked to look at the potential of dedicated left turn movements (green arrow) for westbound Lincoln Dr. to southbound Invergordon Rd. and eastbound Lincoln Dr. to northbound Invergordon Dr.

- Westbound Lincoln Dr. to southbound Invergordon Rd. met the left turn phase traffic signal warrant criteria.
- Eastbound Lincoln Dr. to northbound Invergordon Dr. did not meet the left turn phase signal warrant criteria
- The design consultant recommends adding both the eastbound and westbound left turn phase if desired by Council.
- Design Cost = \$2,700
- Construction Cost = \$9,600 (estimated)



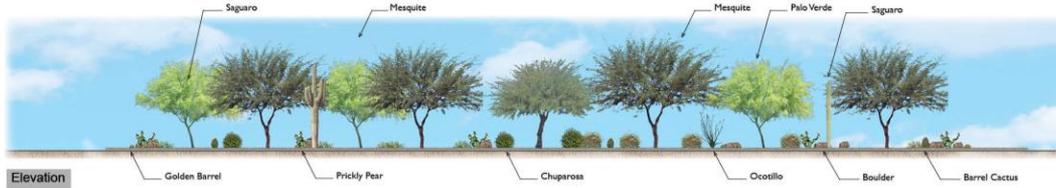
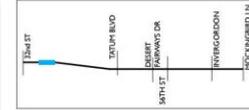
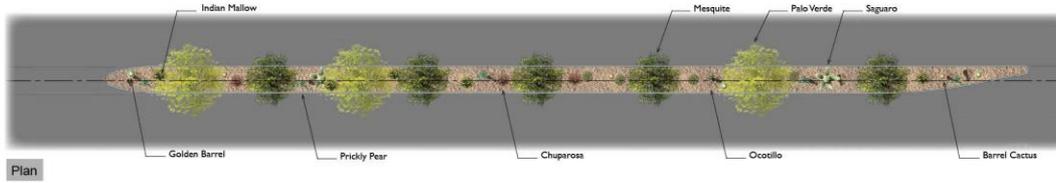
# LINCOLN DR. CHARACTER AREAS



- Rural Elegance
- Resort Living
- Patterns of Nature



# RURAL ELEGANCE CHARACTER AREA



Rural Elegance

Rural Elegance Hardscape



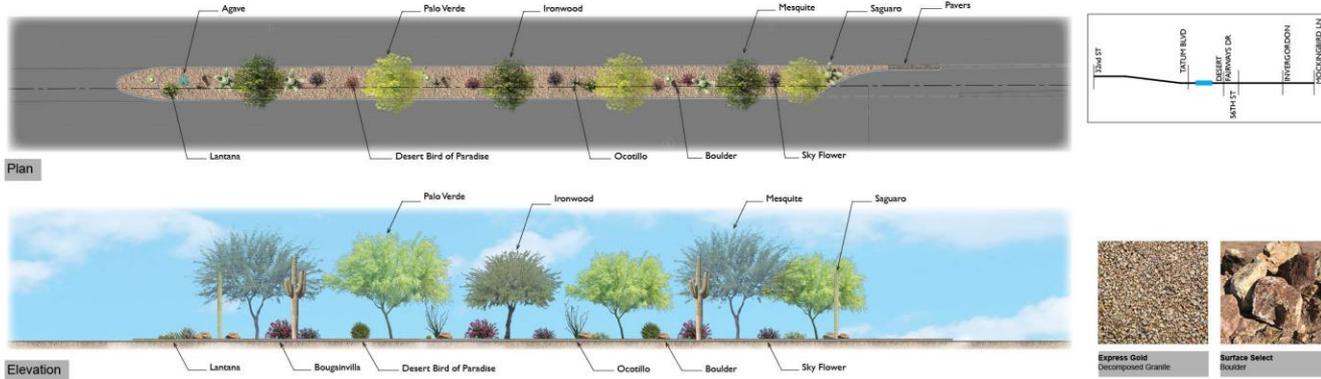
Rural Elegance- Street View



Rural Elegance- Plant Palette



# RESORT LIVING CHARACTER AREA



Resort Living- Plan and Elevation

Resort Living- Hardscape



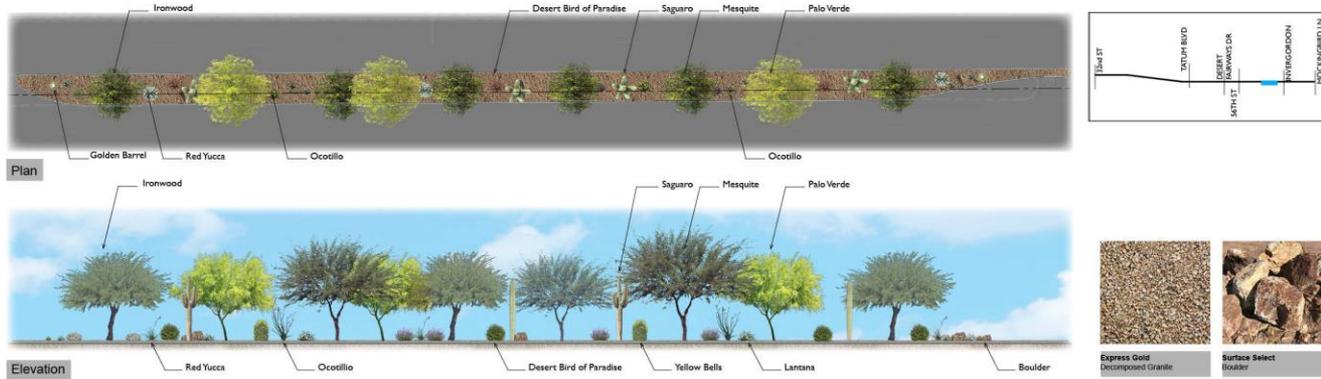
Resort Living- Street View



Resort Living- Plant Palette



# PATTERNS OF NATURE CHARACTER AREA



Patterns of Nature

Patterns of Nature- Hardscape



Patterns of Nature- Street View



Patterns of Nature- Plant Palette



# LINCOLN DR. MEDIAN IMPROVEMENTS

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## Construction Cost Estimates based on 30% design

- \$675,000 = Lincoln Drive west of Tatum Blvd.
- \$1.4 million = Lincoln Drive east of Tatum Blvd.
- Overall project budget will be determined based upon construction delivery method and level of desired design consultant involvement during construction.



# TATUM BLVD. & LINCOLN DR. IMPROVEMENTS

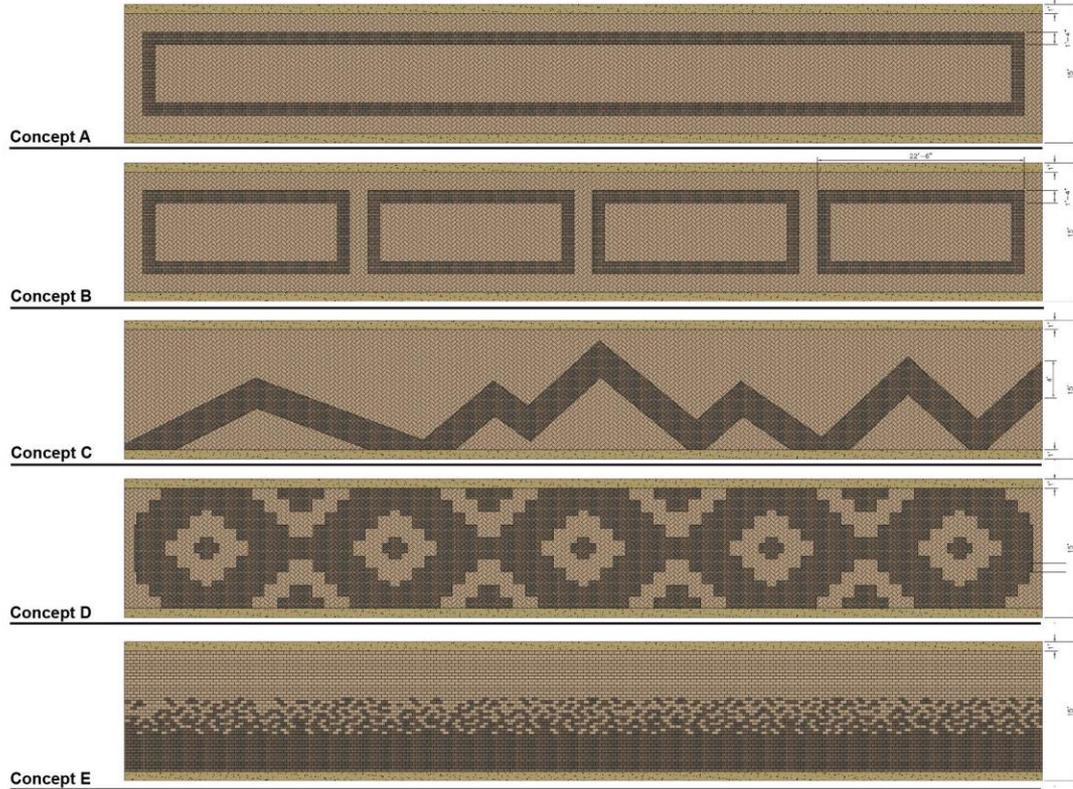
- Provide up to four decorative crosswalk concepts consistent with the Visually Significant Corridor Master Plan for review and approval.
- Provide construction documents for approved concept.
- Construction of crosswalks anticipated to be completed after asphalt mill & overlay project.
- Future project for landscaping and hardscape.



Figure 2.3: Tatum + Lincoln Intersection Concept Simulation Looking Southeast to Camelback Mountain



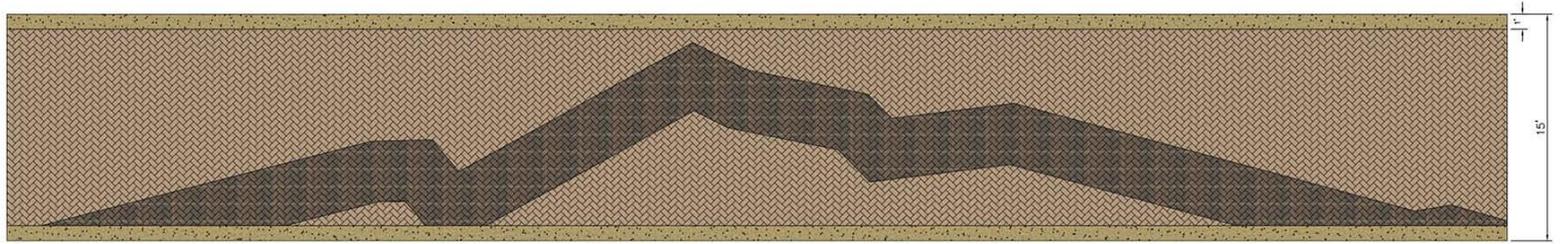
# TATUM BLVD. & LINCOLN DR. IMPROVEMENTS



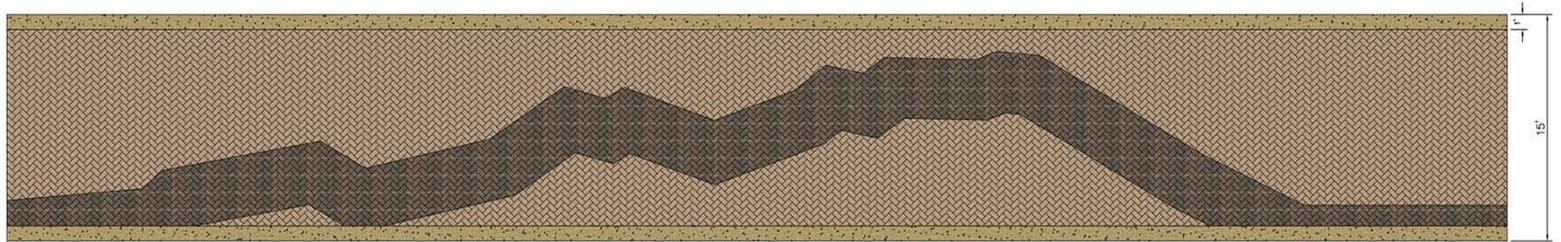
## Color Options



# TATUM BLVD. & LINCOLN DR. IMPROVEMENTS



**Camelback Mountain**



**Mummy Mountain**



# ENHANCED CROSSWALK DESIGNS

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Provide up to three decorative crosswalk concepts consistent with the Visually Significant Corridor Master Plan for review and approval.

- Lincoln Dr. & 36<sup>th</sup> St.
- Lincoln Dr. & Desert Fairways Dr.
- Lincoln Dr. & 56<sup>th</sup> St
- Lincoln Dr. & Invergordon
- Lincoln Dr. & Mockingbird Ln.
- Construction of crosswalks anticipated to be completed after asphalt mill & overlay project.
- Design cost is and additional \$13,550 (includes Lincoln & Mockingbird)



# QUESTIONS?

