

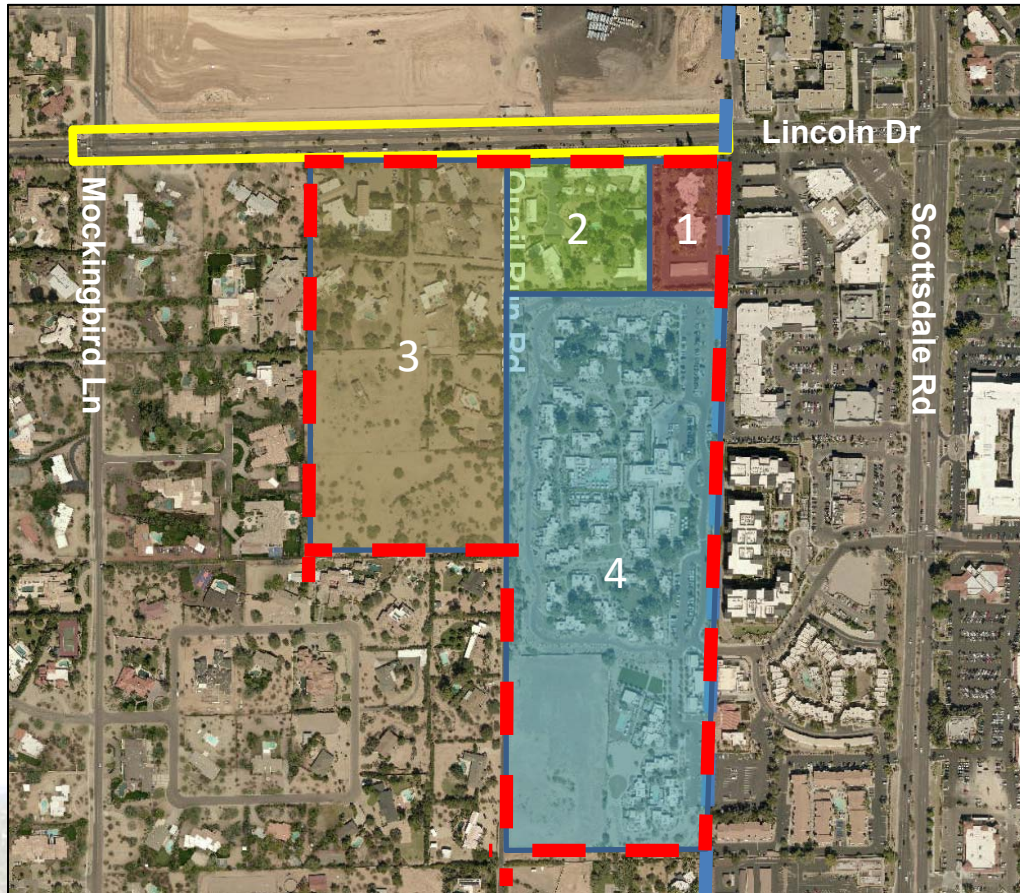
# TOWN OF PARADISE VALLEY

## Lincoln Drive Median Improvements

January 24, 2019



# PROJECT LIMITS



**Town Limits** — —

**Project Limits** — —

**South Lincoln Development Area** — —

1	Lincoln Medical Plaza
2	Smoke Tree Resort
3	South Lincoln Development
4	Andaz Resort

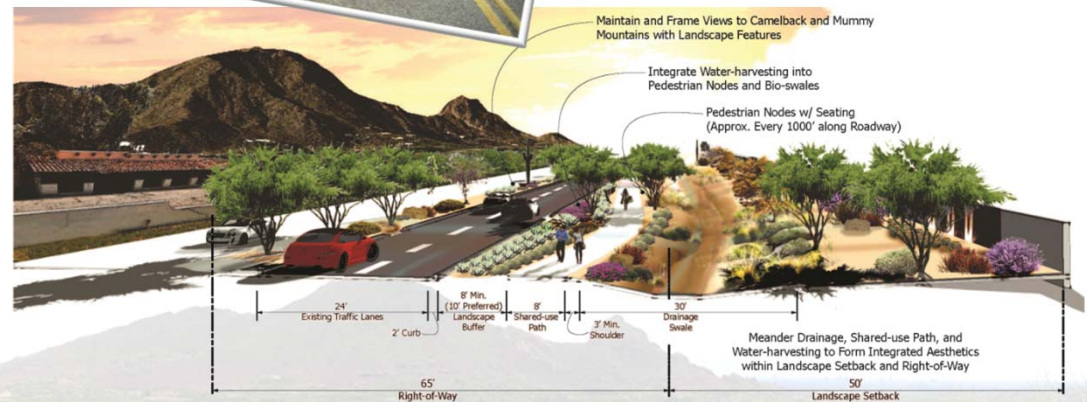


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# PROJECT SCOPE

- **Reconstruct Lincoln Drive between Mockingbird Lane and Town Limits**
- **Improvement include:**
  - **Landscaped Medians**
  - **Traffic Signal at Quail Run**
  - **Sewer Line Extension**
  - **Meandering Sidewalks**
  - **Landscaping**
  - **Drainage Structures**

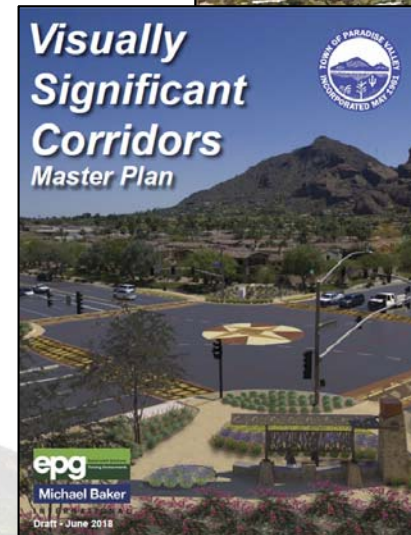
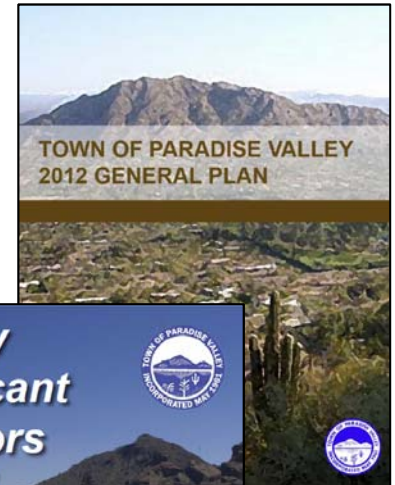


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# DESIGN CONSIDERATIONS

- **What drives design?**
  - **General Plan, specifically Mobility Element**
  - **Five Star Development Agreement**
  - **Engineering Standards (AASHTO, CoS, MCDOT)**
  - **Visually Significant Corridors Master Plan**



# LINCOLN MEDIAN ACCESS: TIMELINE

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## September 13, 2018 Town Council Meeting

- Lincoln Roadway Improvements 30% Design Concept Outlined
- Median improvements necessary regardless of development on south side of Lincoln Dr.
- Full Median from Mockingbird to Town Limits
- Westbound Left In Only at Applewood Pet Resort's East Entrance
- Staff to research safe access options for Lincoln Medical Plaza and Smoke Tree Resort

## December 6, 2018 Town Council Work Study

- Left In/Left Out for Applewood Pet Resort East Entrance
- Option #1: Left In/Left Out for both Lincoln Medical Plaza & Smoke Tree Resort
- Option #2: Shared Access (Left In/Left Out) for Lincoln Medical Plaza & Smoke Tree Resort
- Option #3: Raise Median (Right In/Right Out Only) for Lincoln Medical Plaza & Smoke Tree Resort

## Staff Recommendation: Modified Option #2 (Shared Access)

- Left In/Left Out for Applewood Pet Resort Moved To West Entrance
- Relocate Shared Access for Lincoln Medical Plaza & Smoke Tree Resort To Accommodate Vehicle Storage
- Provide Right Turn Deceleration Lane For Shared Access Driveway
- Eliminate Smoke Tree Resort and Lincoln Medical Plaza West Entrances
- Cross Access Easement and Lincoln Medical Plaza Non-Vehicular Access Easement

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# LINCOLN MEDIANS: CITY OF SCOTTSDALE

6

Staff contacted City of Scottsdale Transportation Department

- Requested Scottsdale look at extending median to block full access to Lincoln Apartments/Spectrum Development and AJ's Shopping Center west full access entrances
- Scottsdale was not agreeable to closing off access to west entrances
- Scottsdale may look at extending median from Scottsdale Rd. to block off main entrances to Lincoln Apartments and AJ's Shopping Center due to driveway spacing

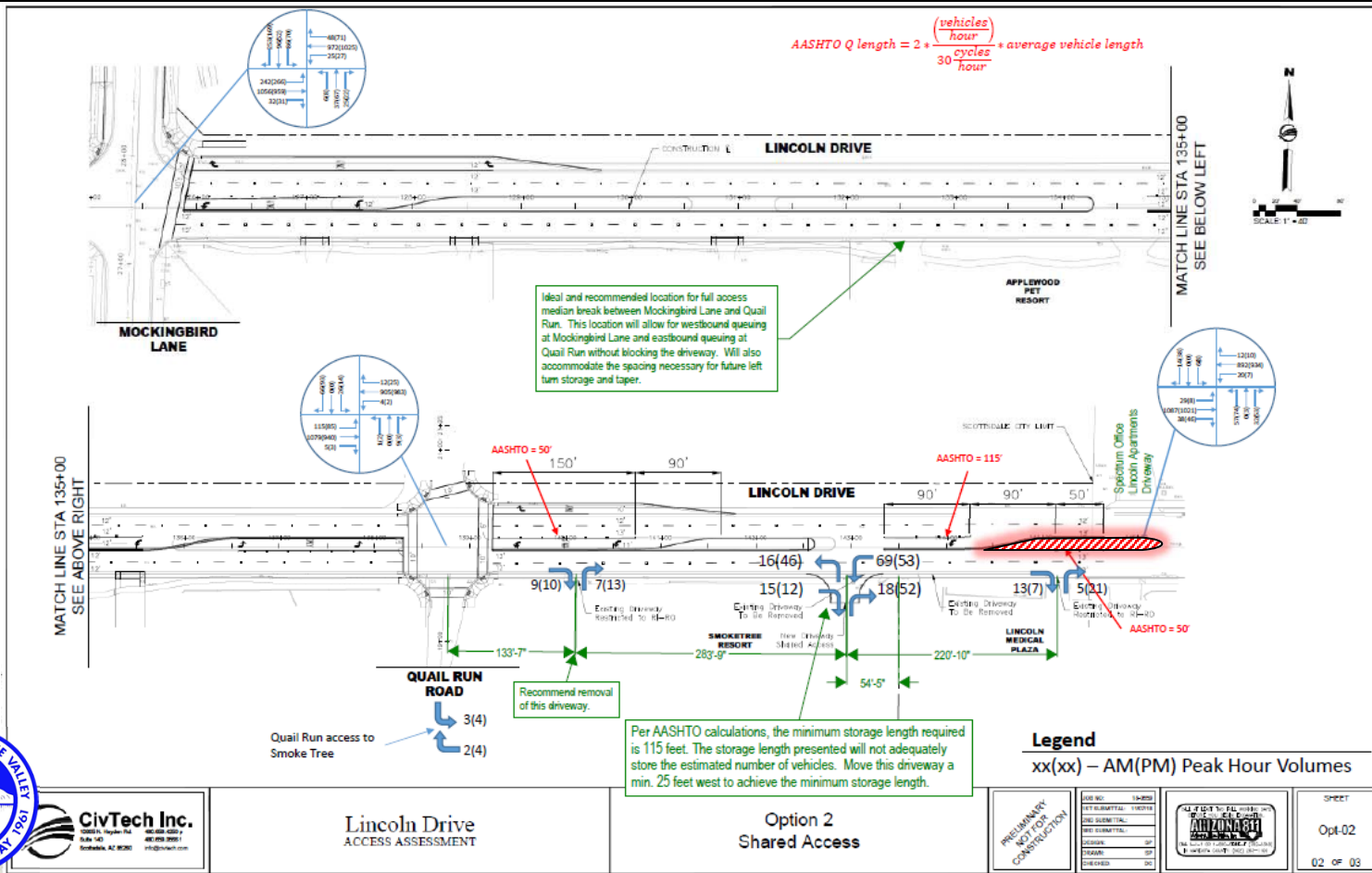
Staff scheduled traffic counters to get speed and traffic volume data

- Traffic counters were set out the week of December 14<sup>th</sup>.
- Weekday westbound 85<sup>th</sup> percentile speed was 43 mph
- Weekday eastbound 85<sup>th</sup> percentile speed was 40 mph
- Weekday average westbound traffic was 6,800 vpd
- Weekday average eastbound traffic was 4,700 vpd
- Current speed limit is appropriately set a 40 mph





# OPTION #2 (SHARED FULL ACCESS)



**CivTech Inc.**  
4800 N. Hayden Road  
Suite 100  
Scottsdale, AZ 85250  
480.348.0887  
info@civtech.com

**Lincoln Drive  
ACCESS ASSESSMENT**

**Option 2  
Shared Access**

**Legend**  
PRELIMINARY  
NOT FOR  
CONSTRUCTION

**Legend**  
DATE: 12/18/18  
DESIGNED BY: [Redacted]  
CHECKED BY: [Redacted]  
DATE: 12/18/18  
DESIGNED BY: [Redacted]  
CHECKED BY: [Redacted]



**Legend**  
SHEET  
Opt-02  
02 OF 03

**January 24, 2019**

# LINCOLN MEDIANS: RESIDENTIAL PROPERTIES<sup>8</sup>

Staff contacted residential property owners and Applewood Pet Resort with direct access onto Lincoln Dr.

- 60% Improvement plans were emailed to property owners and asked to provide comments
- Staff met with Applewood Pet Resort owner
- Staff met with Mr. and Mrs. Gordon who requested full median access for their driveway
- Staff will coordinate driveway locations, sewer stub out locations, etc. with all property owners
- Property owners were notified of Council Work Study to discuss Lincoln Medians

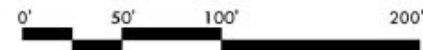




# LINCOLN MEDICAL RECOMMENDATION



Median Option B Assumes Speed Limit Reduced to 35 mph

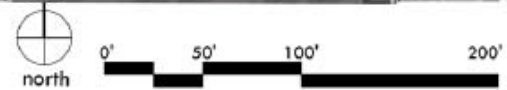


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# LINCOLN MEDICAL RECOMMENDATION



Median Option C



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# STAFF RECOMMENDATION #1

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## **Assumes Shared Access and 40 mph Speed Limit**

- Shared full access for Smoke Tree Resort and Lincoln Medical Plaza located approximately 86' west of shared property line
- Median Left turn pocket with 90' taper and 115' storage
- Dedicated right turn deceleration lane with 90' taper and 100' storage
- Eliminate western Smoke Tree Resort driveway
- Eliminate western Lincoln Medical Plaza driveway
- Provide shared access easement between Smoke Tree Resort and Lincoln Medical Plaza
- Provide non-vehicular access easement along Lincoln Medical Plaza eastern and southern property lines
  
- Provide full median access at Applewood Pet Resort's western driveway
- Provide further research into left turn only median opening at Gordon property



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# STAFF RECOMMENDATION: SHARED ACCESS

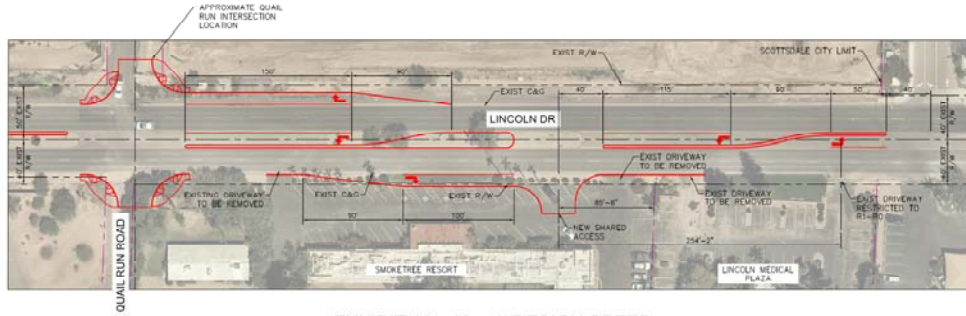


EXHIBIT 1A - 40mph DESIGN SPEED

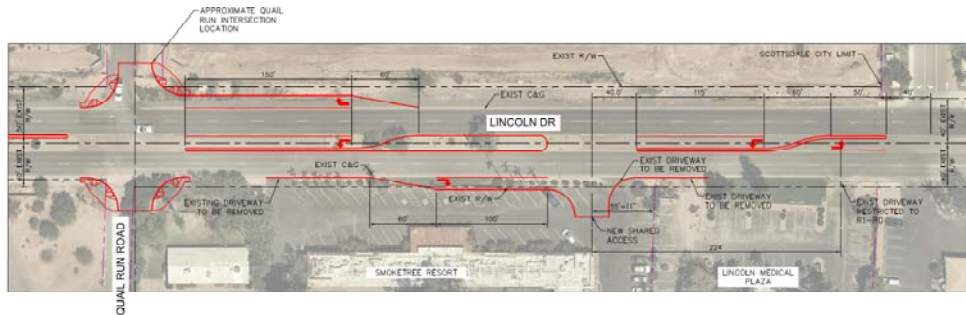
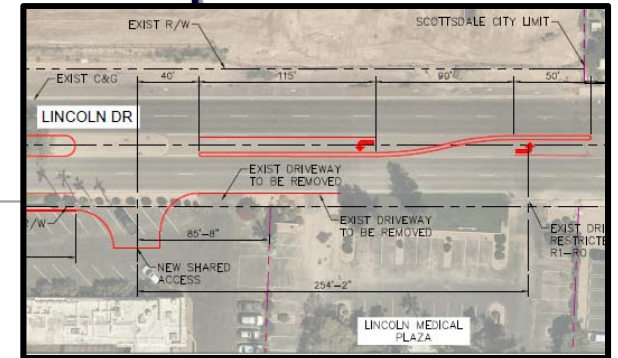


EXHIBIT 1B - 35mph DESIGN SPEED



Shared Access Driveway



LINCOLN DRIVE  
QUAIL RUN TO LINCOLN APARTMENTS  
MEDIAN EXHIBIT #1



GRAPHIC SCALE IN FEET  
0 20 40 60  
1/18/2019

January 24, 2019

## STAFF RECOMMENDATION #2

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### **Assumes No Shared Access and 40 mph Speed Limit**

- Provide full median access for Smoke Tree Resort
- Provided dedicated right turn deceleration lane for Smoke Tree Resort
- Eliminate western Smoke Tree Resort driveway
- Eliminate western Lincoln Medical Plaza driveway
- Provided dedicated right turn deceleration for Smoke Tree Resort eastern driveway
- Provide non-vehicular access easement along Lincoln Medical Plaza eastern and southern property lines
  
- Provide full median access at Applewood Pet Resort's western driveway
- Provide further research into left turn only median opening at Gordon property



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# STAFF RECOMMENDATION: NO SHARED ACCESS<sup>14</sup>

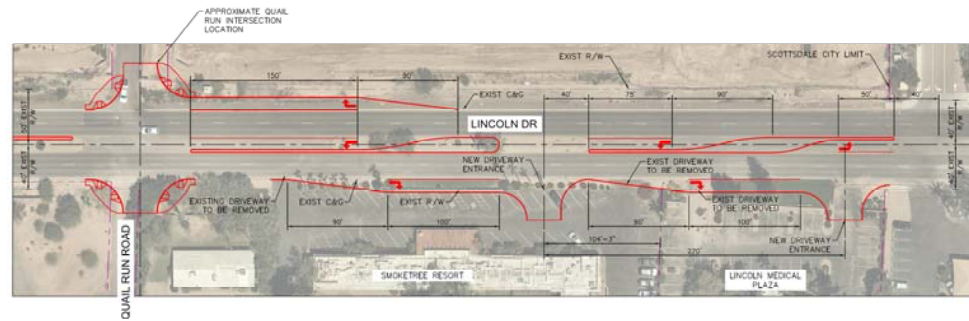


EXHIBIT 2A - 40mph DESIGN SPEED

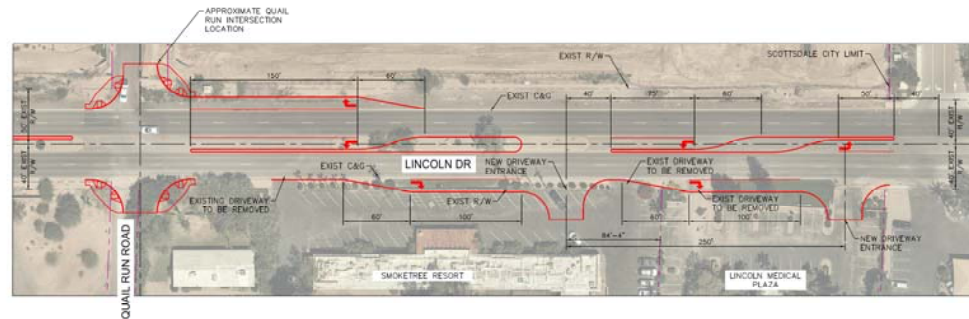


EXHIBIT 2B - 35mph DESIGN SPEED



LINCOLN DRIVE  
QUAIL RUN TO LINCOLN APARTMENTS  
MEDIAN EXHIBIT #2



GRAPHIC SCALE IN FEET  
0 20 40 60  
1/18/2019

January 24, 2019



# QUESTIONS?



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