

Name: Scottsdale - Unpaved Roads for Paving PM 10
Id: SCT-23-PAVING-001
Agency: Scottsdale

This application was signed by Mark Melnychenko on 9/8/2020
3939 N. Drinkwater Bouelvard
Scottsdale, AZ 85251
(480) 312-2422

Site Visit

Site visit summary.

Name of Person who Completed Site Visit	Joey Zappanti
Date of Visit	07/27/2020

Project Description

Summary of the project.

Description of Project	Pave 28,798 SY of unpaved roads (2.95 miles) in northern Scottsdale. The six segments have been receiving temporary dust palliative treatments, but they must be retreated twice per year to remain effective.
Number of Segments in Project	6
Project is in Nonattainment Area	Yes

COST ESTIMATE SUMMARY

Program Phase	Location	Work	Year	CMAQ	Local	Total	Local Share
Design, excludes ADOT review fees	Via Dona - Hayden to Pima, Black Cross Rd - Lone Montain to 32198N, Granite Reef Rd - Lone Mountain to Ranch, Ranch Rd - Grnite Reef to Pima, Smokehouse Trl - 81st to 83rd, Peak View Rd - 66th to 69th	Prepare plans to pave 2.95 miles with 3-inch asphalt to match existing grade and alignment	2023	-	639,050	639,050	100.0%
Construction, may include utilities	Via Dona - Hayden to Pima, Black Cross Rd - Lone Montain to 32198N, Granite Reef Rd - Lone Mountain to Ranch, Ranch Rd - Grnite Reef to Pima, Smokehouse Trl - 81st to 83rd, Peak View Rd - 66th to 69th	Pave 2.95 miles with 3-inch asphalt to match existing grade and alignment	2023	3,856,569	233,112	4,089,681	5.7%

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Segment 1

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	3

Segment Description

Summary of Segment

Segment Location	Via Dona - Hayden Road to Pima Road
Segment Length	1
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	65
Average Daily Traffic Methodology	Machine count (tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Segment 2

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	0

Segment Description

Summary of Segment

Segment Location	Black Cross Road - Lone Mountain Road to 32198 N (cul-de-sac)
Segment Length	0.55
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	43
Average Daily Traffic Methodology	Machine count (Tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Segment 3

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	0

Segment Description

Summary of Segment

Segment Location	Granite Reef Road - Lone Mountain Road to Ranch Road
Segment Length	0.58
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	35
Average Daily Traffic Methodology	Machine count (tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Segment 4

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	0

Segment Description

Summary of Segment

Segment Location	Ranch Road - Granite Reef Road to Pima Road
Segment Length	0.18
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	12
Average Daily Traffic Methodology	Machine count (tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Segment 5

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	0

Segment Description

Summary of Segment

Segment Location	Smokehouse Trail - 81st Street to 83rd Street
Segment Length	0.26
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	39
Average Daily Traffic Methodology	Machine count (tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Segment 6

Proposed Improvements

Summary of the improvements proposed for the segment

Type of Paving Project	Rural Road
Work to be Performed	Pave to match existing grade and alignment
Vertical Alignment Changes	None
Horizontal Alignment Changes	None
Design Speed After Construction	25
Describe the type of Paving	3 inch asphalt
Other Improvements to Include	
Describe the Non-paving Improvements	None
Number of Unpaved Access Points to be Paved	1

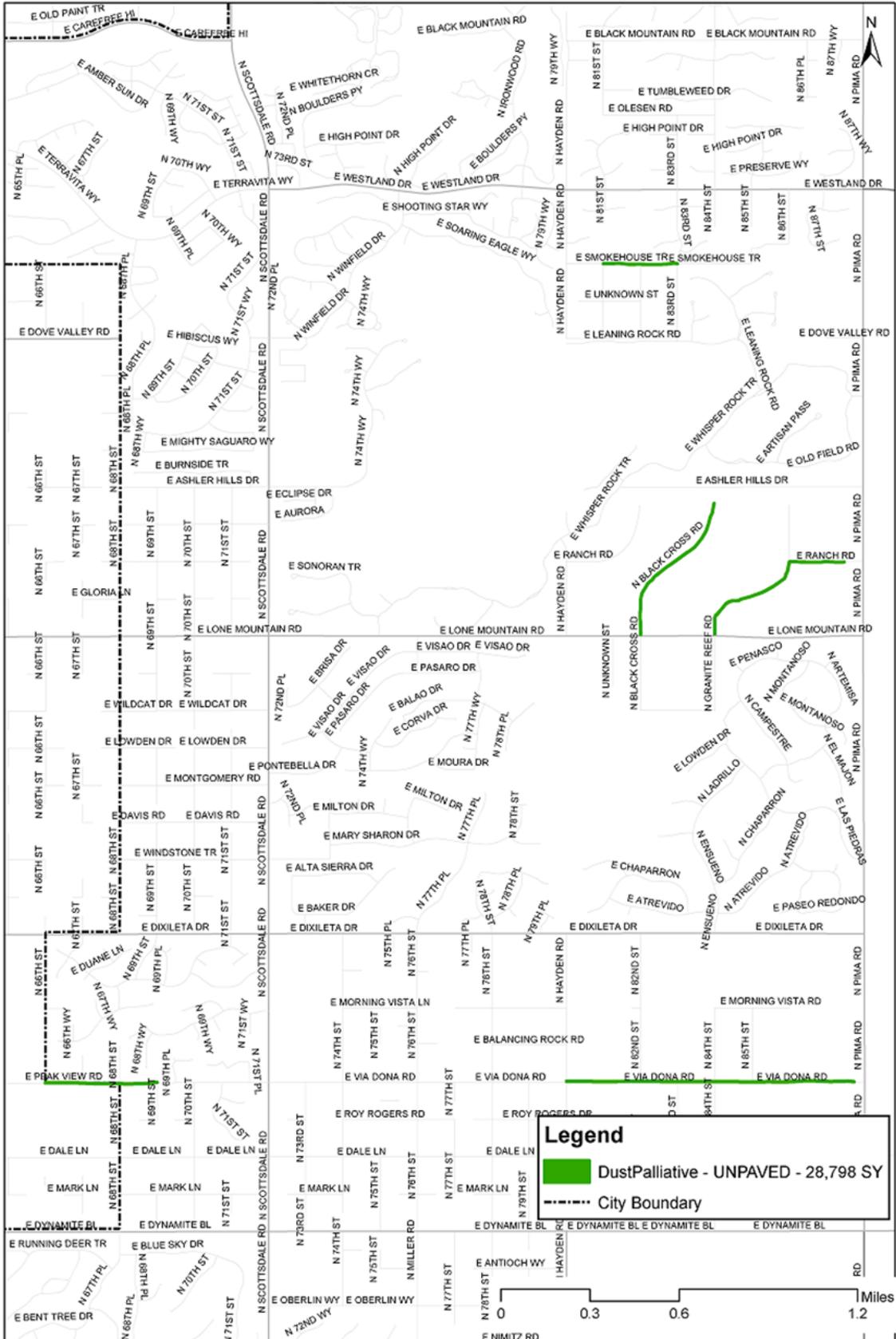
Segment Description

Summary of Segment

Segment Location	Peak View Road - 66th Street to 69th Street alignment
Segment Length	0.38
Curb Miles	0
Within 4 Miles of PM10 Monitor	No
List of Nearby Monitors	
Current Surface Condition	Shoulder is native vegetation, road surface is asphalt millings with dust palliative treatment on existing terrain. Asphalt millings are deteriorated and road surface is potholed.
Description of Traffic	Local residential
Average Daily Traffic	134
Average Daily Traffic Methodology	Mechanical (tube counter)
Environmental Clearance	None known
Current Right of Way	Agency owns all ROW needed
Right of Way Issues	None
Current Utilities	Canals and Drainage
Other Utility Conflicts	None - city manages the cross drainage

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Unpaved Roads Maintained by City of Scottsdale



Segment 1: Via Dona – Hayden Road to Pima Road



Segment 2: Black Cross Rd. - Lone Mountain Rd. to 32198 North Cul-de-Sac



Segment 3: Granite Reef Rd. - Lone Mountain Rd. to Ranch Rd.



Segment 4: Ranch Road - Granite Reef Rd. to Pima Rd.



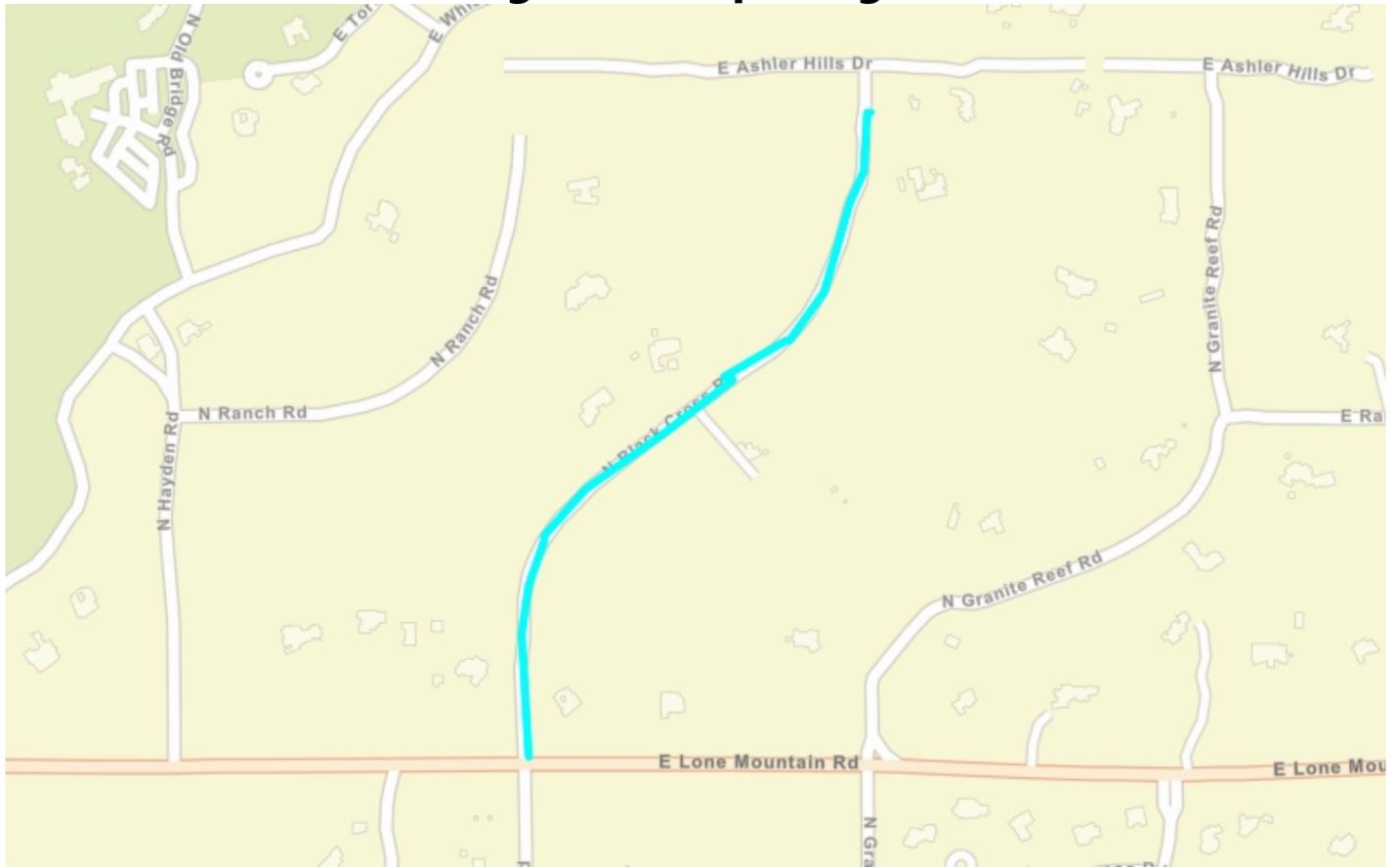
Segment 5: Smokehouse Trail - 81st St. to 83rd St.



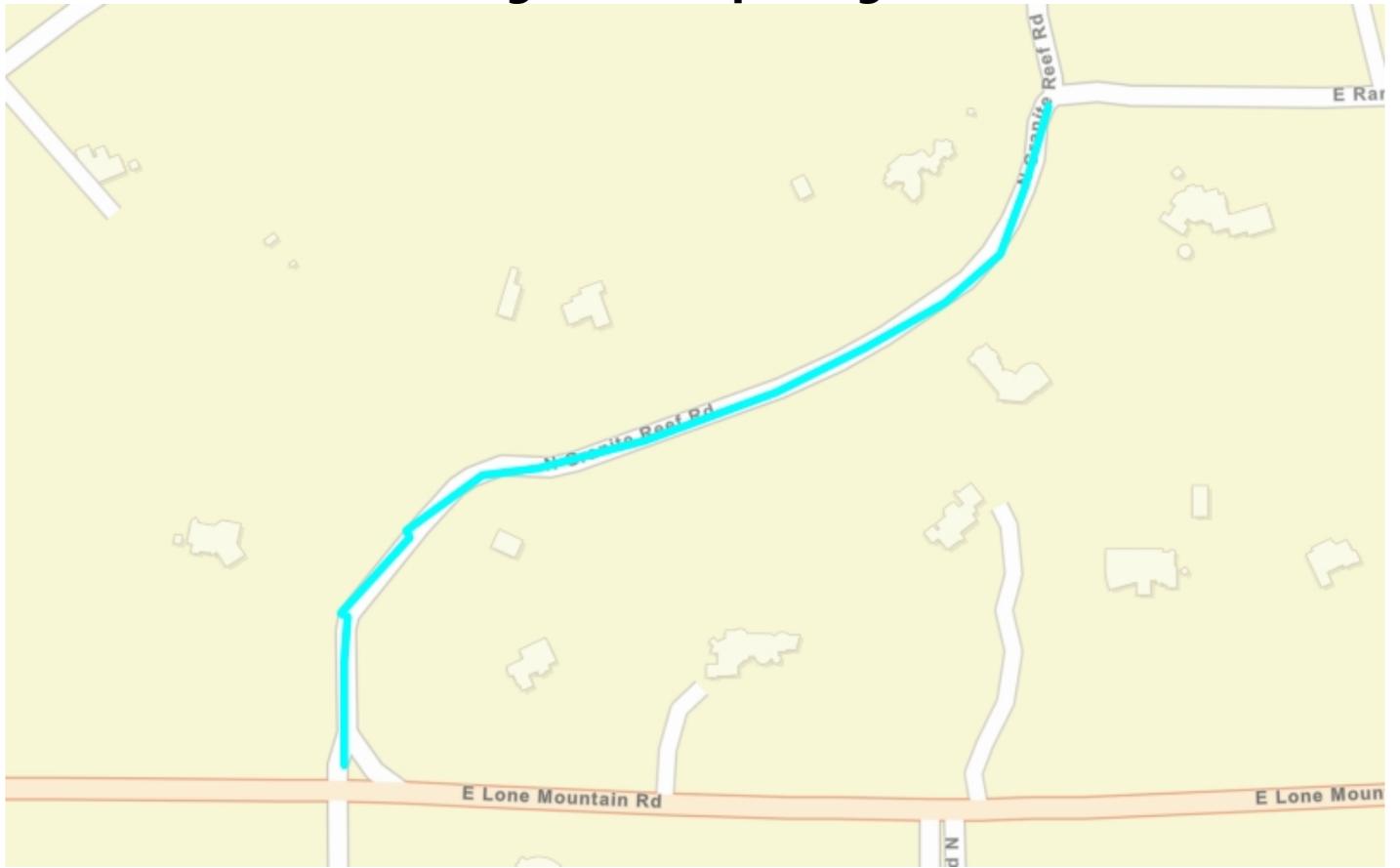
Segment 6: Peak View Road – 66th St. to 69th St. Alignment



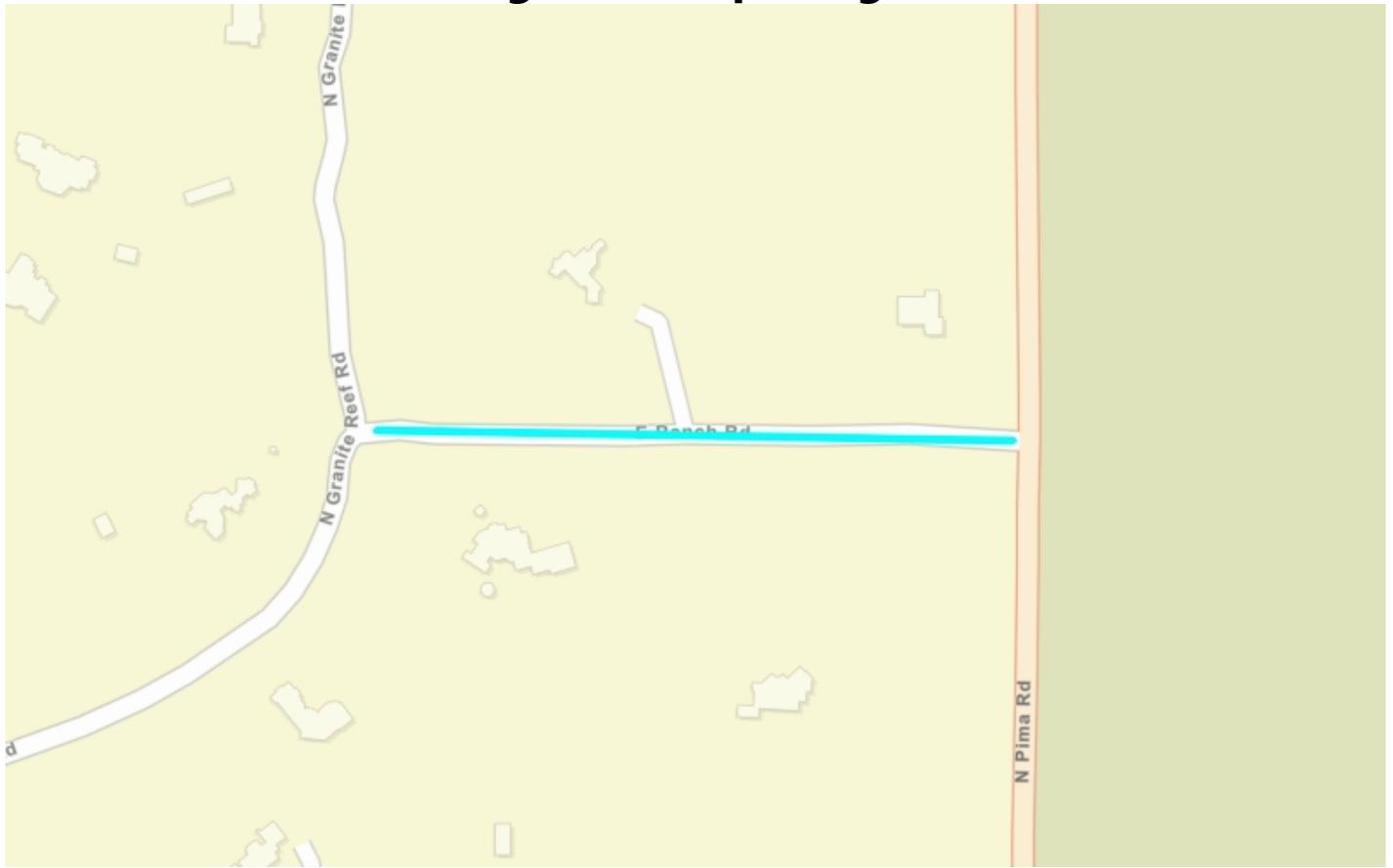
Segment Map - Segment 2



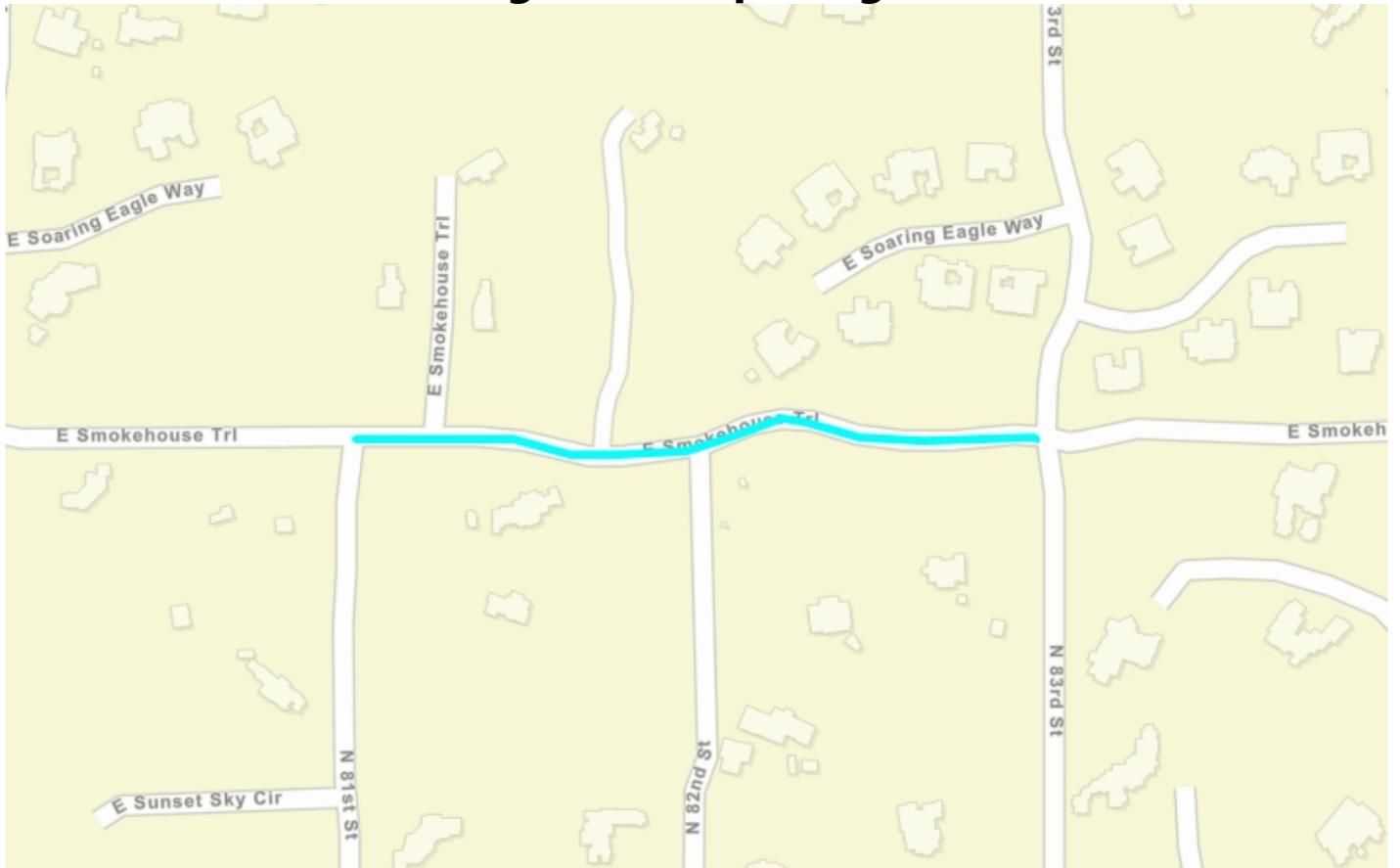
Segment Map - Segment 3



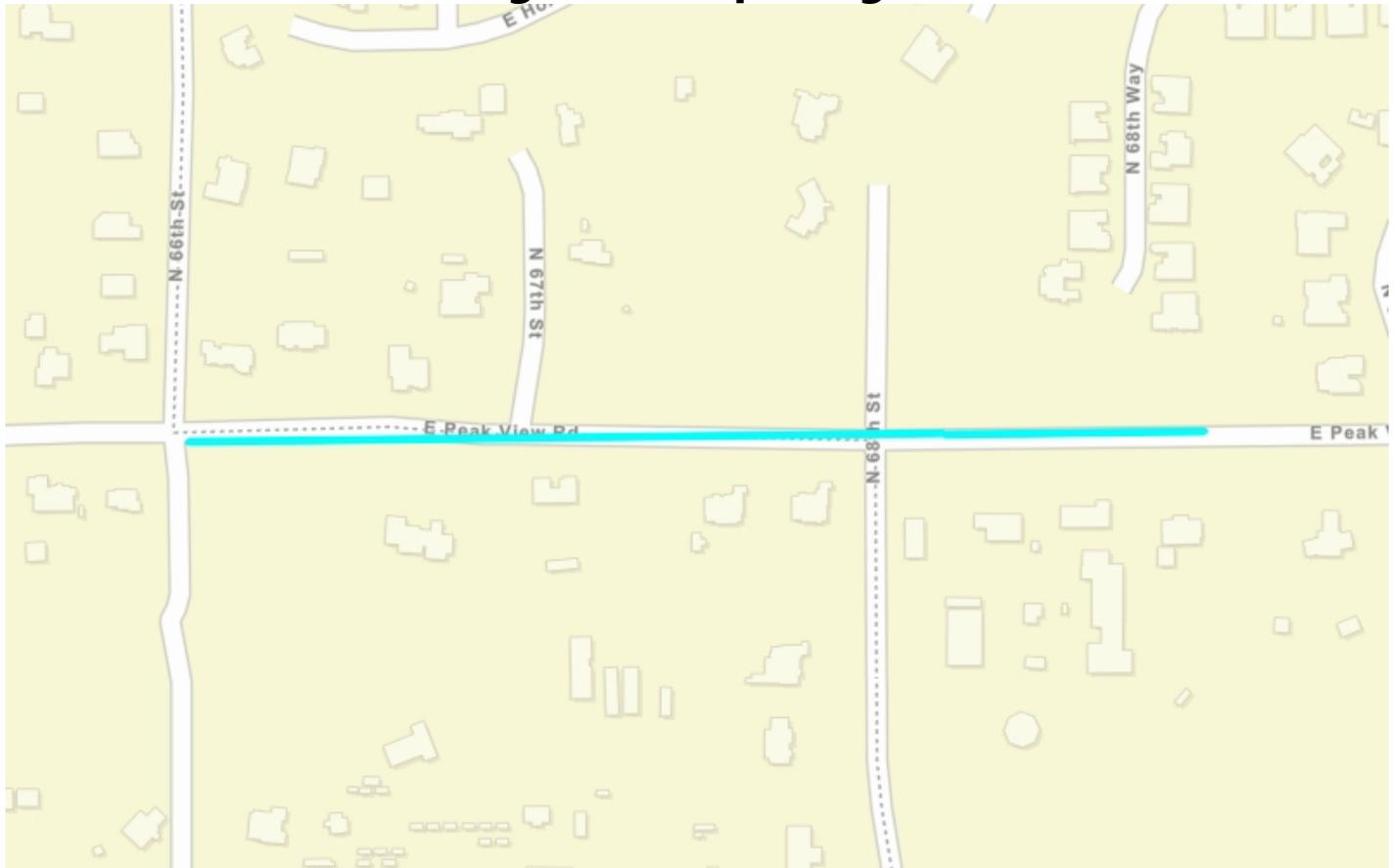
Segment Map - Segment 4



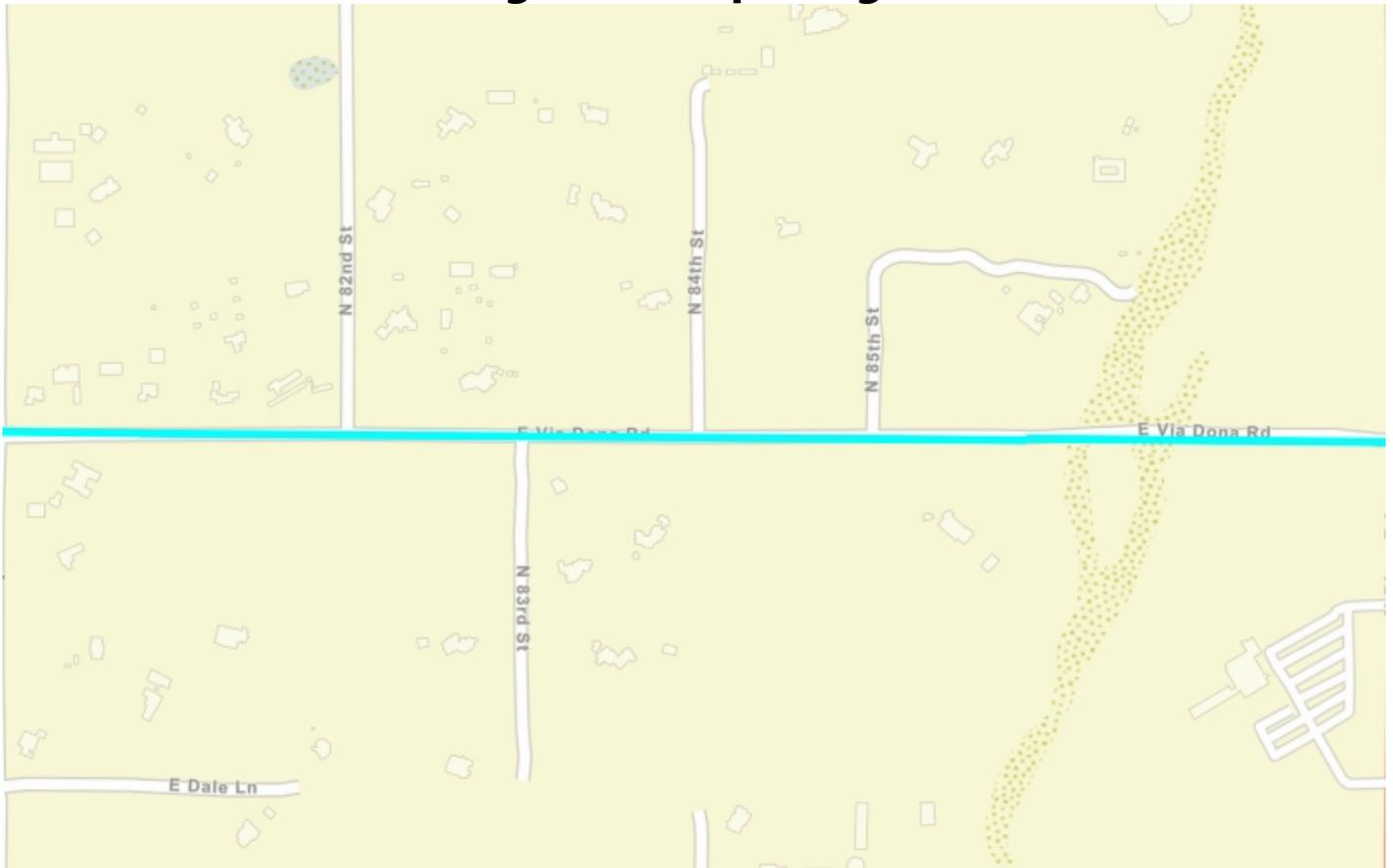
Segment Map - Segment 5



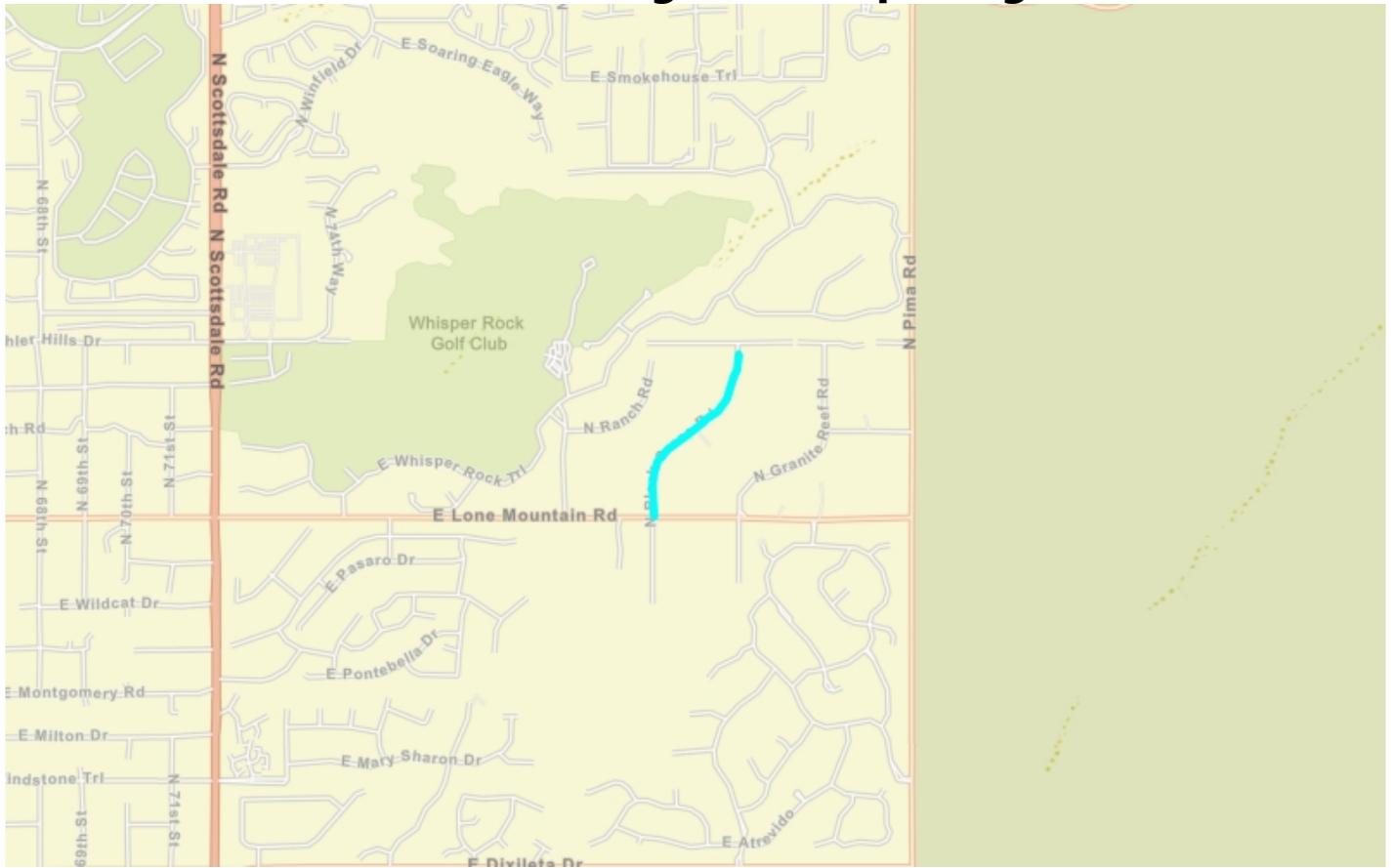
Segment Map - Segment 6



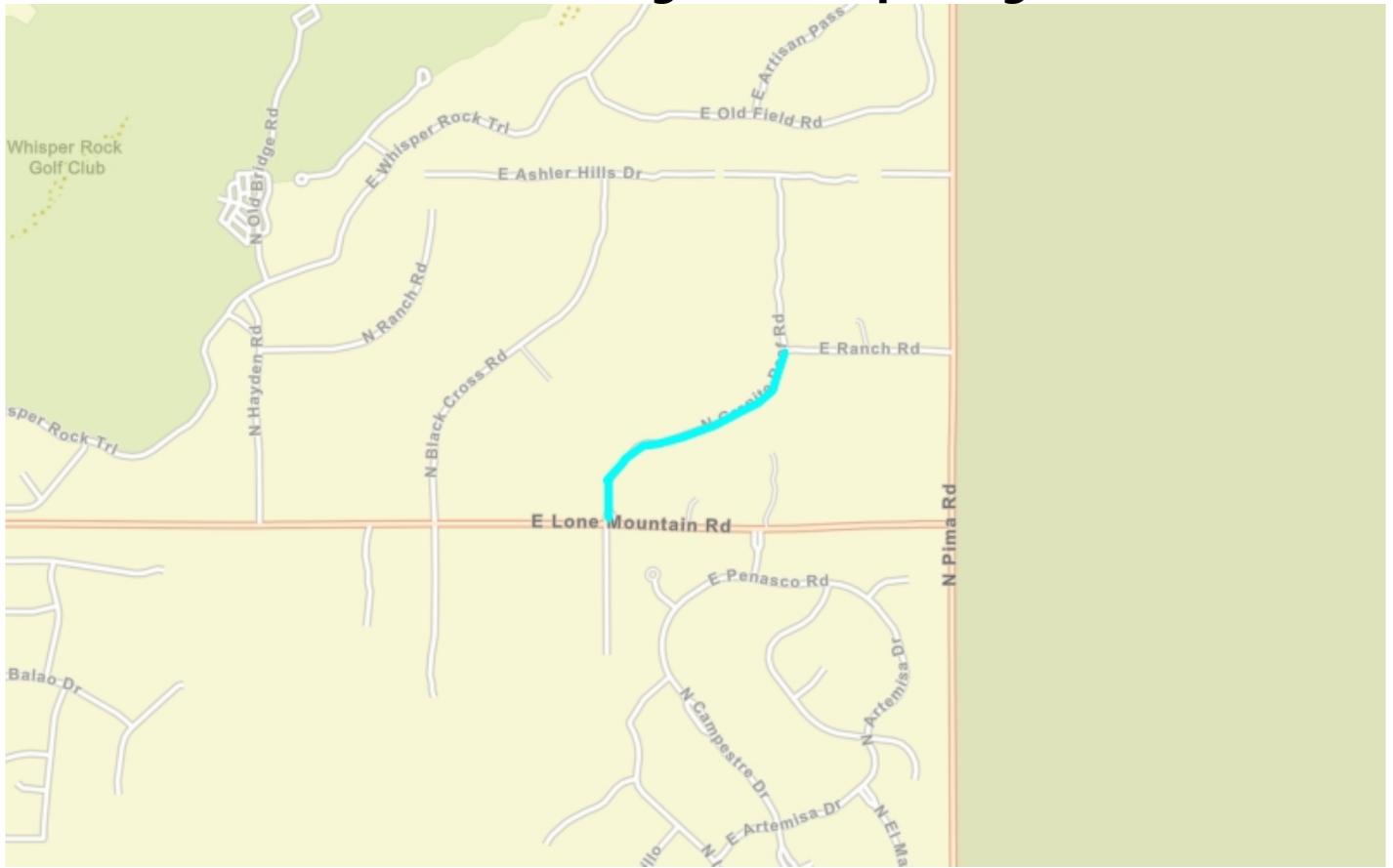
Segment Map - Segment 1



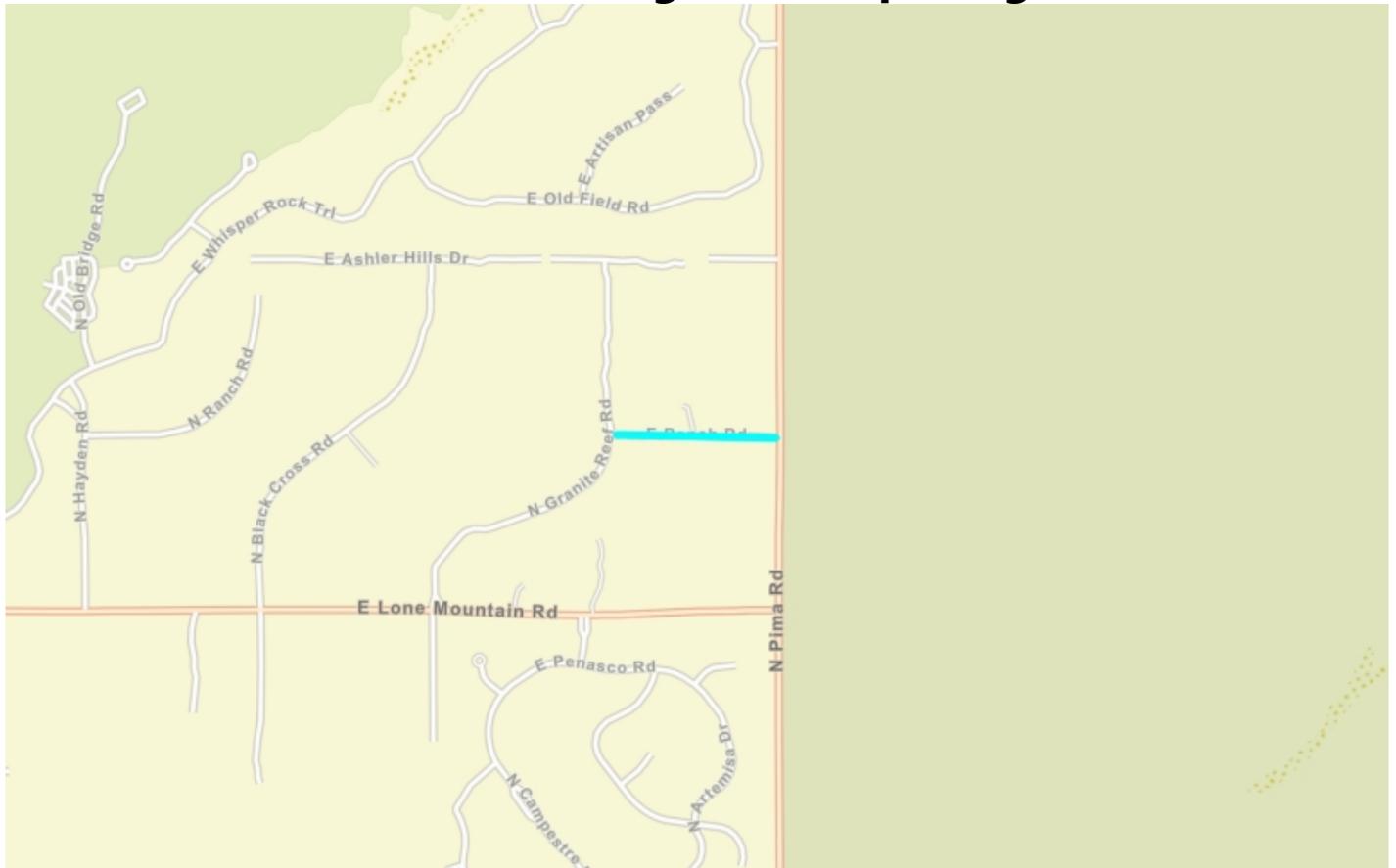
Zoomed Out Segment Map - Segment 2



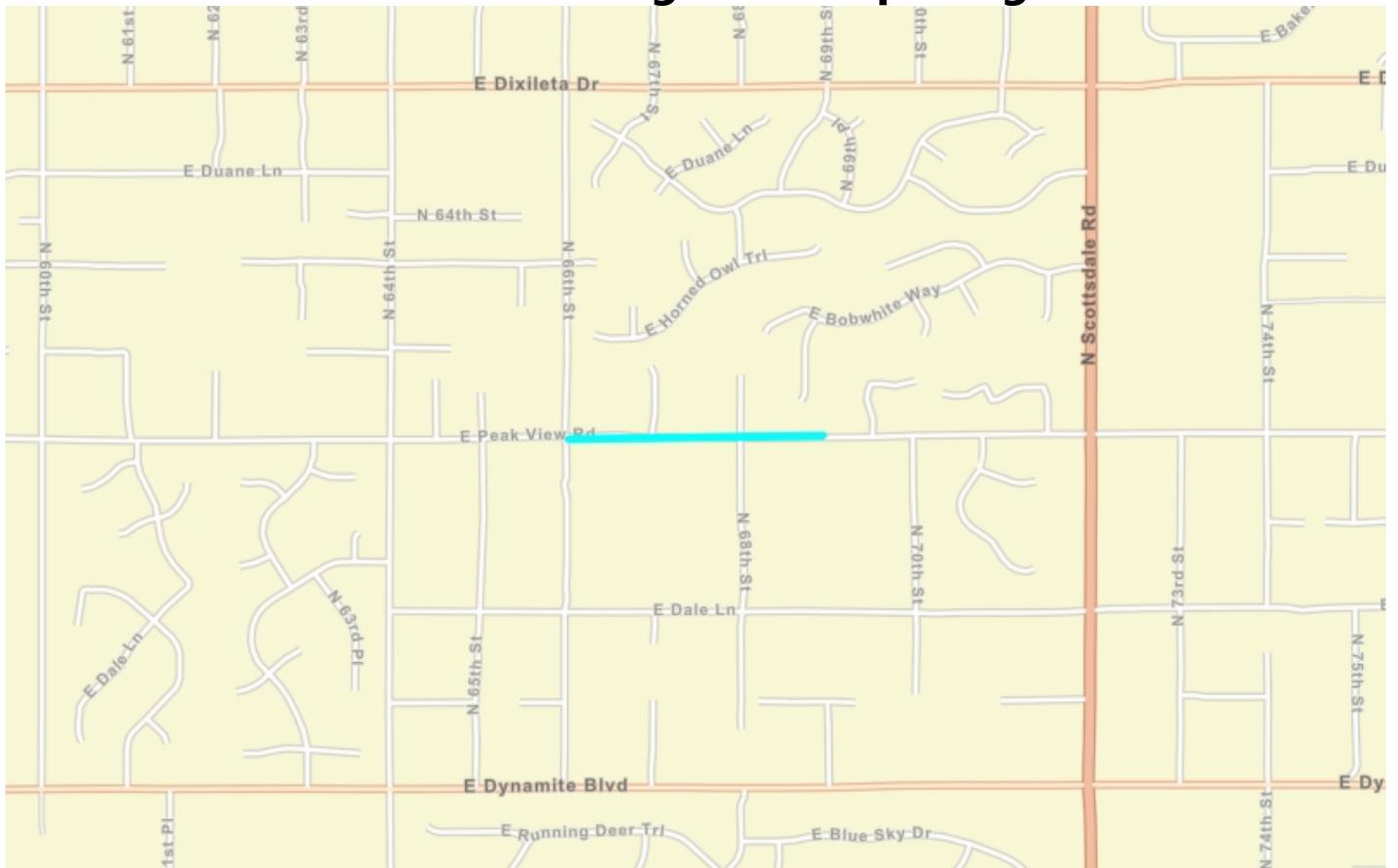
Zoomed Out Segment Map - Segment 3



Zoomed Out Segment Map - Segment 4



Zoomed Out Segment Map - Segment 6



Zoomed Out Segment Map - Segment 1

