

Addison City-Wide Trails Master Plan



City Council Update

Presentation Content

1. Project Update
 - Overview
 - Existing System
 - Future Network
 - Community Feedback
 - Next Steps
2. Questions/Answers



Overview

Purpose of the Master Plan

The Addison City-Wide Trails Master Plan will identify community priorities to recommend ways to improve and create pedestrian and bike trails for residents, workers and visitors.



Types of Trails

Wide walking paths



Bike lanes



Cycle tracks



Multi-use paths in the ROW



Off-street multi-use paths



Unpaved or park trails



Project Schedule

Phase 1: Project Initiation

March – May 2020

Phase 2: Vision, Goals and Strategies

June – August 2020

Phase 3: Trail Recommendations

September – November 2020

Phase 4: Action Plan

December – February 2020

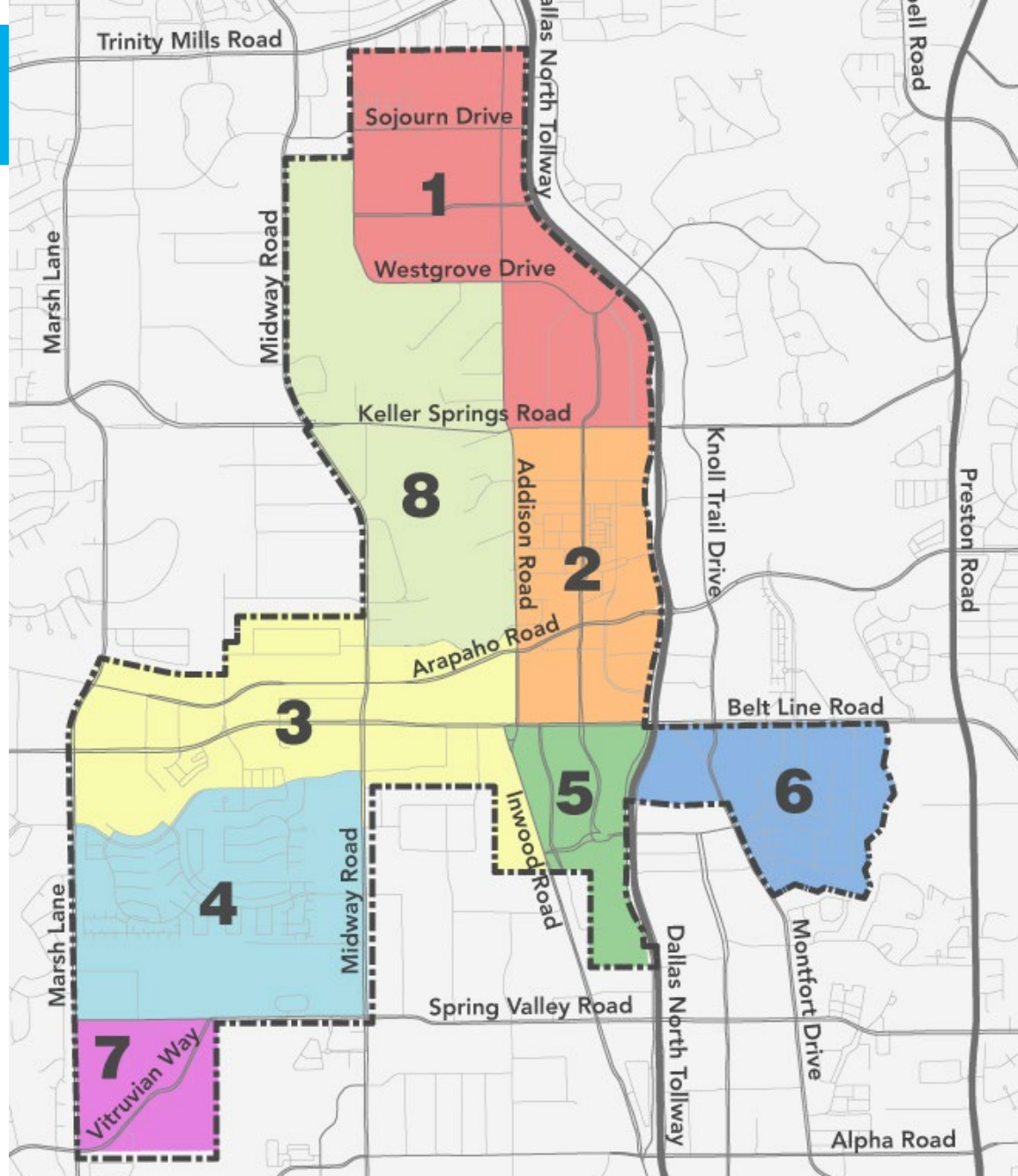
*Community Engagement and Outreach
in each phase



Existing System

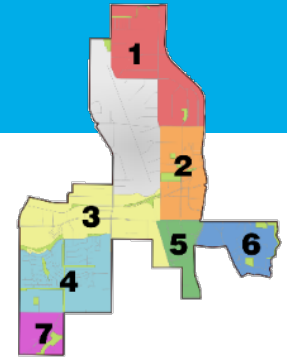
Planning Areas

1. North Addison
2. Addison Circle
3. Belt Line
4. Les Lacs/Midway Meadows
5. South Quorum
6. East Addison
7. Vitruvian Park
8. Airport

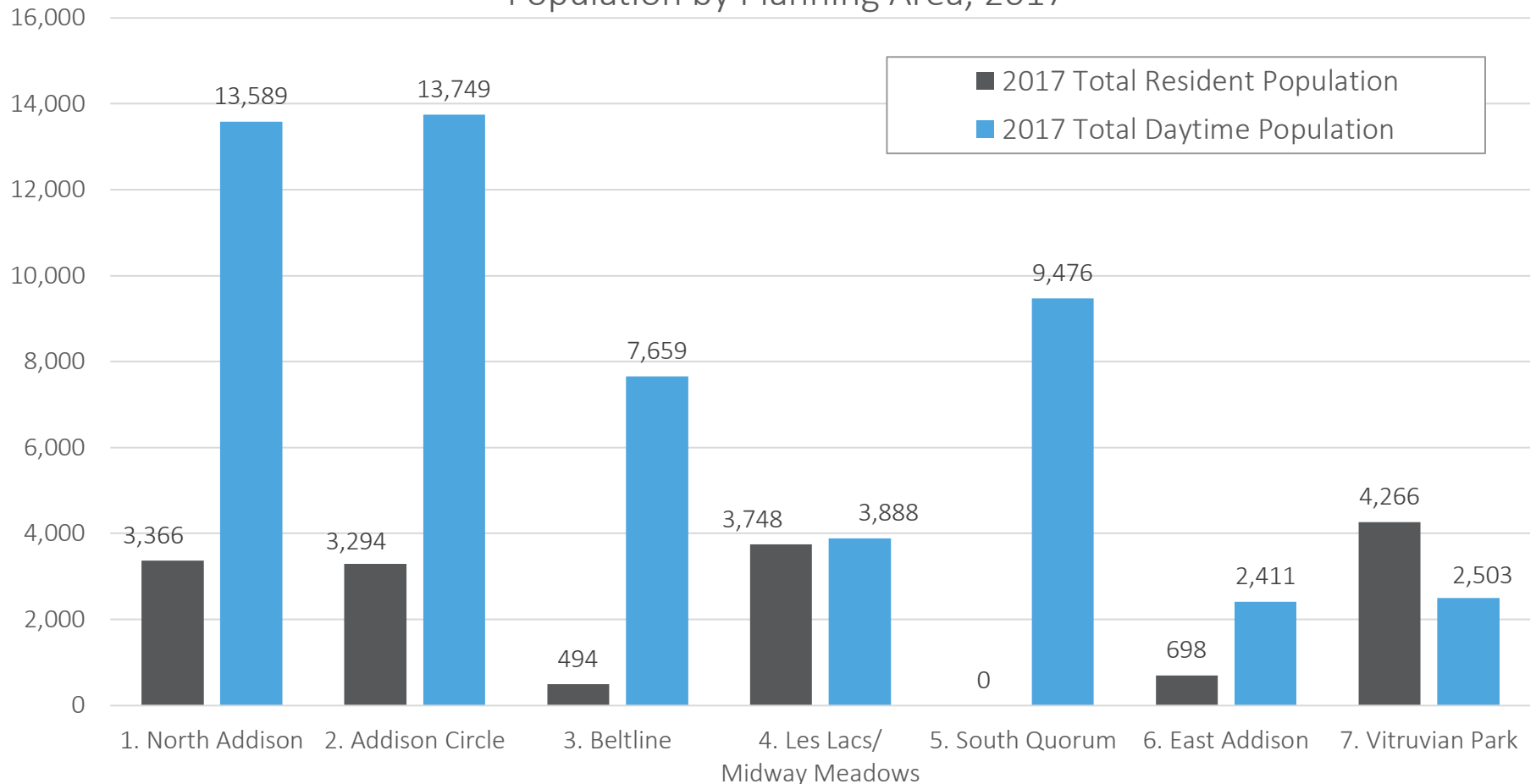


Total Population

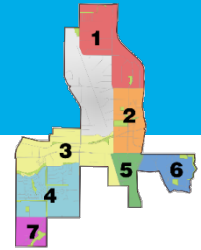
Employees outnumber residents by about 3-to-1, resulting in a very high daytime population



Population by Planning Area, 2017



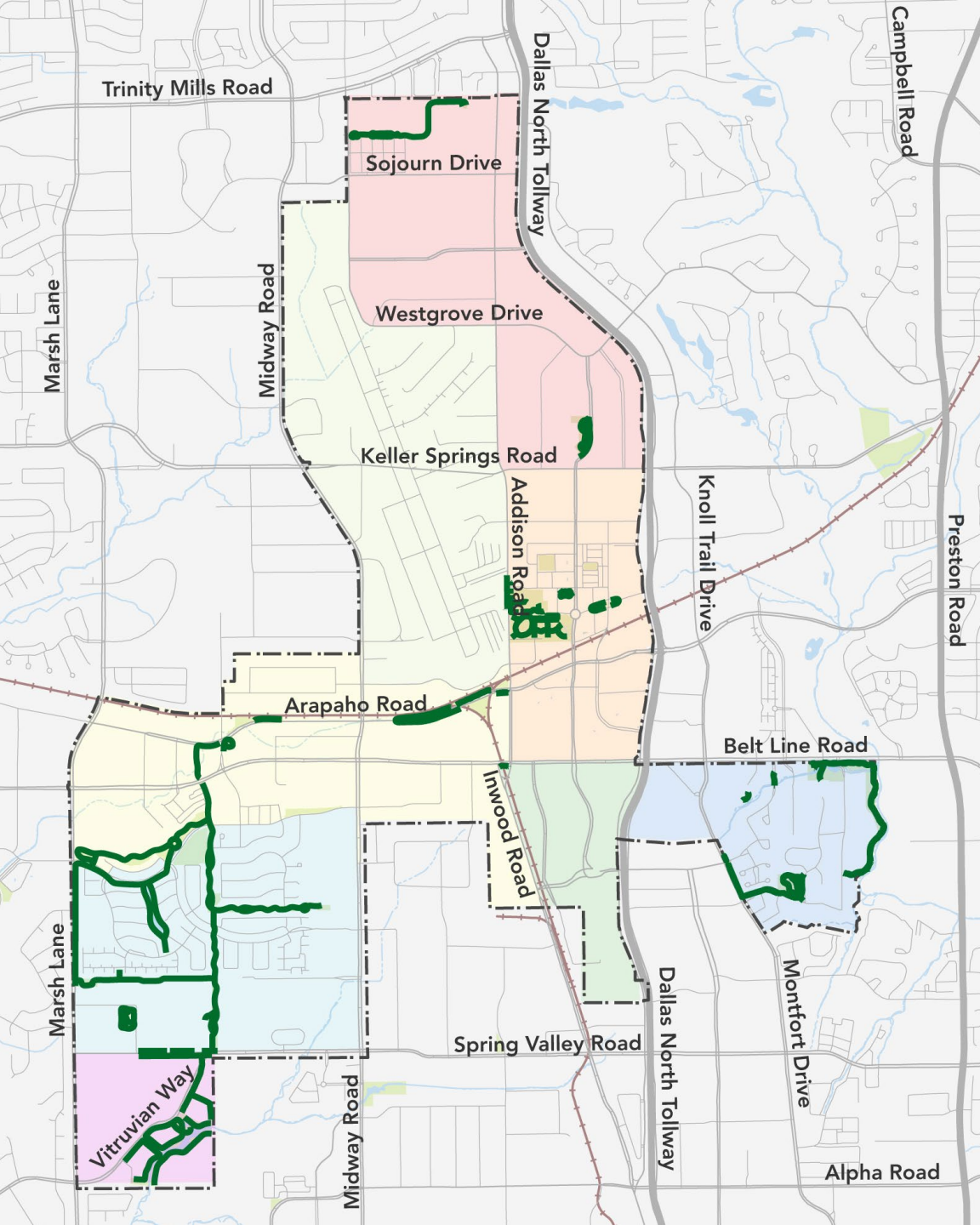
Ethnicity/Race



- Addison is as diverse as the wider region.
- Belt Line (3) is the least diverse, with the highest proportion of “White Alone”
- North Addison and Vitruvian Park (1,7) are the most diverse.
- North Addison has a high proportion of African Americans, while Vitruvian Park is mixed, with a high proportion of residents of Hispanic origin.

Race/Ethnicity	Zone 1. North Addison	Zone 2. Addison Circle	Zone 3. Belt Line	Zone 4. Les Lacs/ Midway Meadows	Zone 6. East Addison	Zone 7. Vitruvian Park	Addison
White Alone	56%	66%	81%	69%	62%	56%	59%
Black Alone	21%	12%	8%	7%	16%	15%	14%
American Indian Alone	0.2%	0.3%	0.6%	0.4%	0.7%	0.5%	0.4%
Asian Alone	9%	13%	7%	8%	11%	11%	12%
Pacific Islander Alone	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%
Some Other Race Alone	9%	5%	2%	12%	8%	14%	11%
Two or More Races	5%	4%	2%	4%	2%	4%	4%
Hispanic Origin	20%	13%	8%	32%	18%	46%	31%

Existing Trail Network



LEGEND

- City of Addison Boundary
- Highway
- Major Road
- Local Road
- Parks/Open Space
- Water Body
- River/Stream
- Creek Channel
- Rail

PLANNING AREAS

- 1. North Addison
- 2. Addison Circle
- 3. Belt Line
- 4. Les Lacs/Midway Meadows
- 5. South Quorum
- 6. East Addison
- 7. Vitruvian Park
- 8. Airport

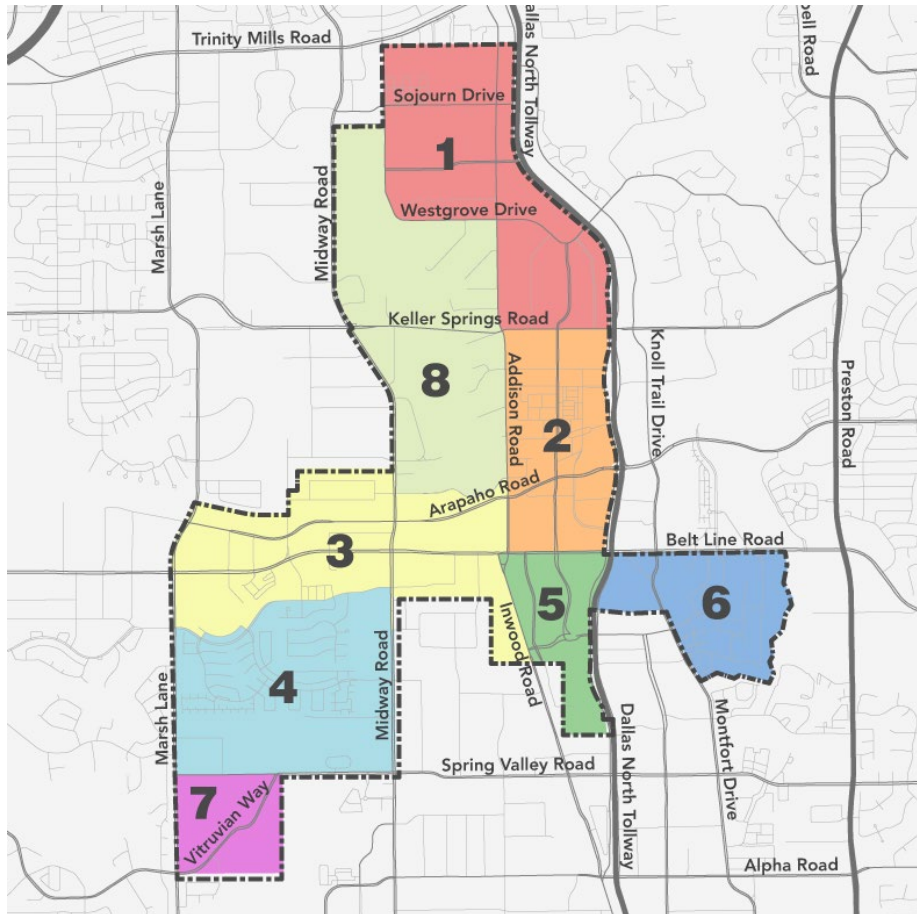
TRAILS

- Existing Trail

Inventory Highlights - Existing System

Categories	Miles	Function	Planning Areas	Examples
Off-Street Trail Alignments				
Greenbelts Trails	5.2	Multi-purpose	3, 4, 6	Arapaho Park Trails, Redding Trail, White Rock Creek Trail
Park Trails	5.8	Multi-purpose and Walking Paths	1, 2, 4, 6, 7	Addison Circle Park Walking Paths, George H.W. Bush Elementary Trails, North Addison Park Walking Paths, Vitruvian Park Trails
Public Space Trails	0.2	Walking Paths	2, 3, 6	City Hall Walking Paths, Conference/Theater Trails, Surveyor Water Tower
<i>Subtotal</i>	<i>11.2</i>			
Trail Alignments in R.O.W.				
Enhanced Pedestrian Path	1.6	Multi-purpose and Walking Paths	2, 6, 7	Oaks North Drive, Spring Valley Road, Vitruvian Streetscape
<i>Subtotal</i>	<i>1.6</i>			
<i>Grand Total</i>	<i>12.8</i>			

Existing System



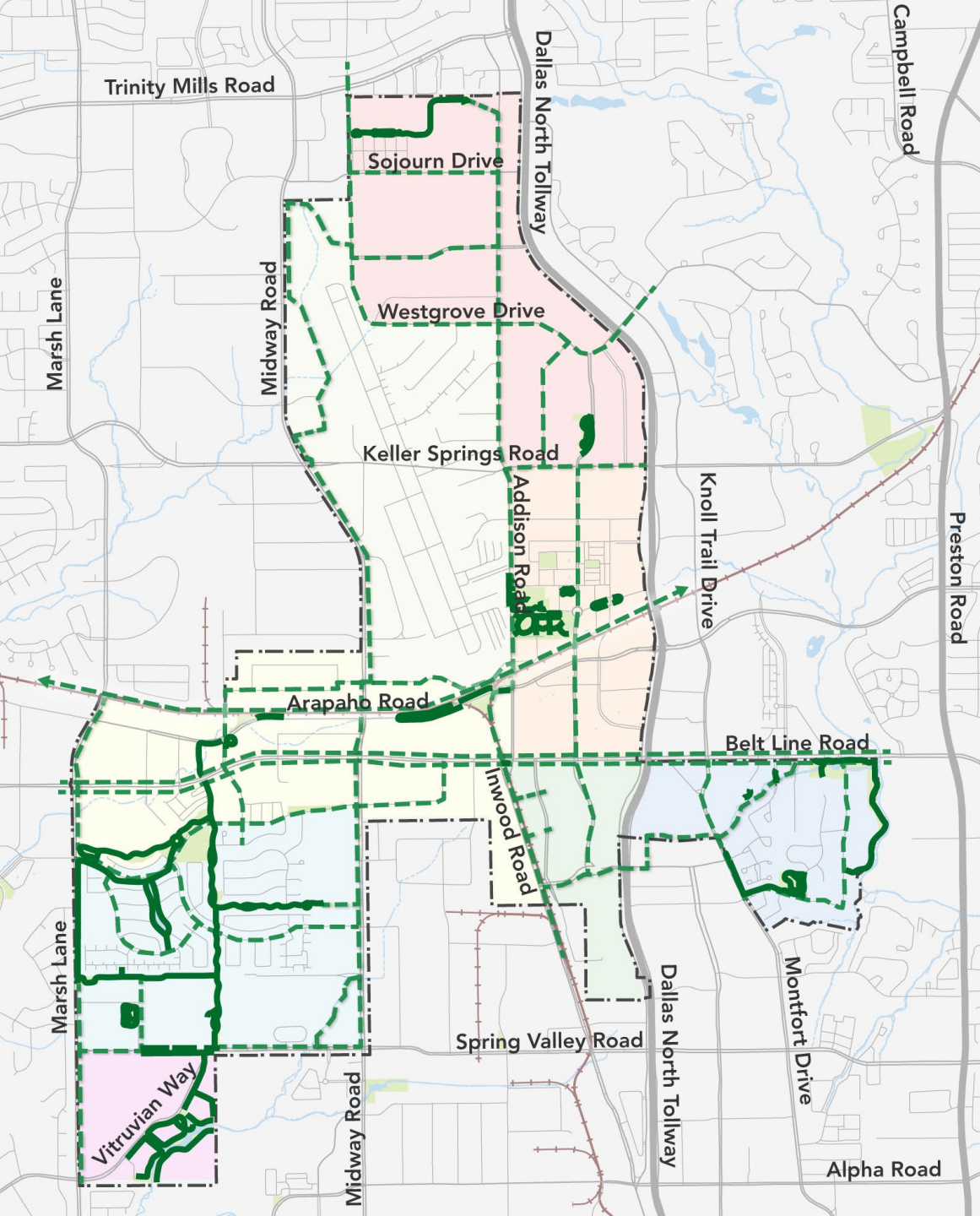
Existing trail miles per planning area

1. North Addison – 1.2
2. Addison Circle – 1.7
3. Belt Line – 2.0
4. Les Lacs/Midway Meadows – 4.2
5. South Quorum – 0.3
6. East Addison – 1.4
7. Vitruvian Park – 2.0
8. Airport – 0.0

1% of all trails are soft surface trails

Future Network

Proposed Trail Network



LEGEND

- City of Addison Boundary
- Highway
- Major Road
- Local Road
- Parks/Open Space
- Water Body
- River/Stream
- Creek Channel
- Rail

PLANNING AREAS

- 1. North Addison
- 2. Addison Circle
- 3. Belt Line
- 4. Les Lacs/Midway Meadows
- 5. South Quorum
- 6. East Addison
- 7. Vitruvian Park
- 8. Airport

TRAILS

- Existing Trail
- Proposed Trail

Master Transportation Plan - 2016

LEGEND

Existing Connections
 Off-Street Trail

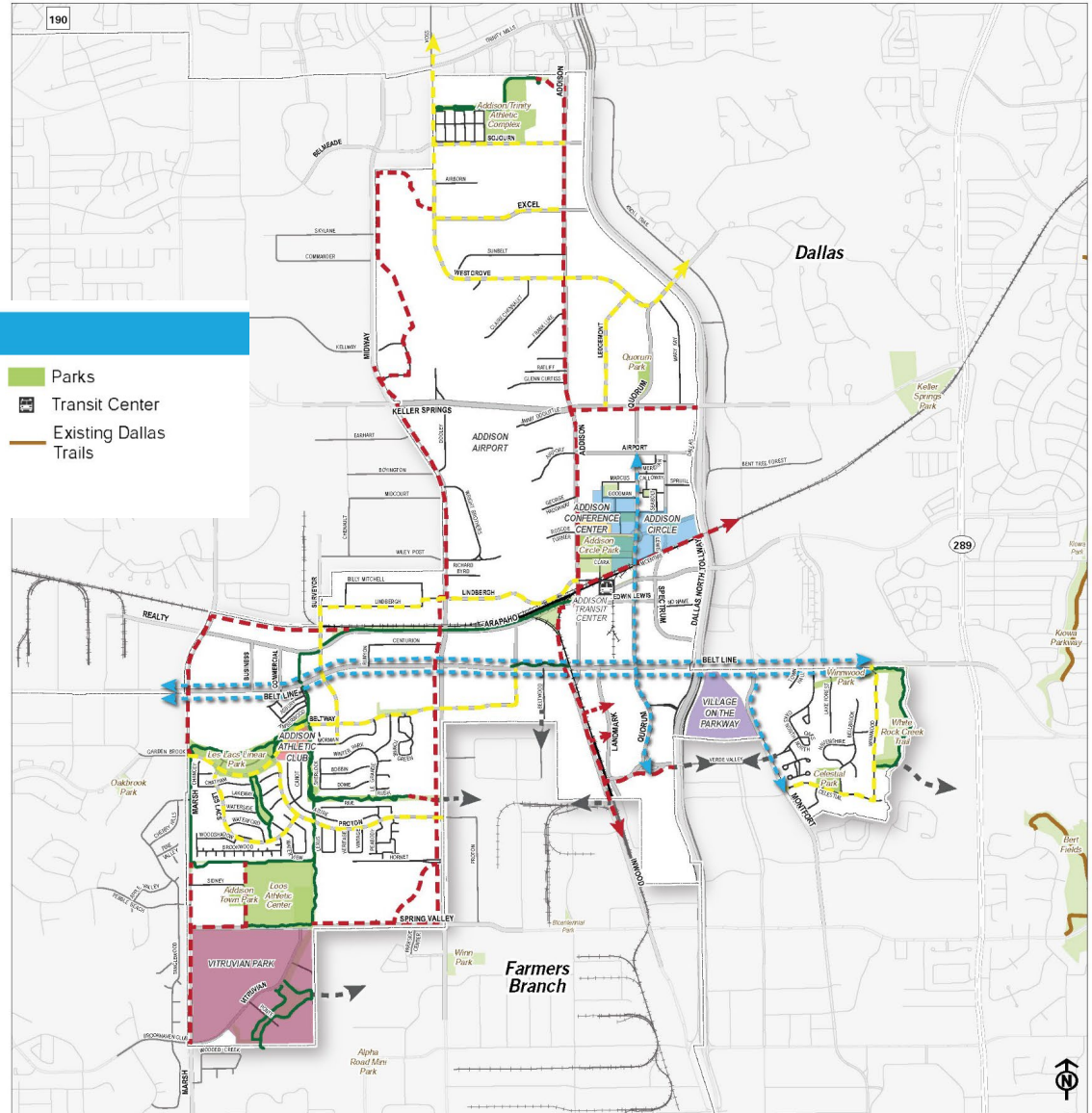
Potential New Connections
 Off-Street Trail

Enhanced Pedestrian Path

Active Transportation Corridor

Preferred Future Connectivity

Parks
 Transit Center
 Existing Dallas Trails

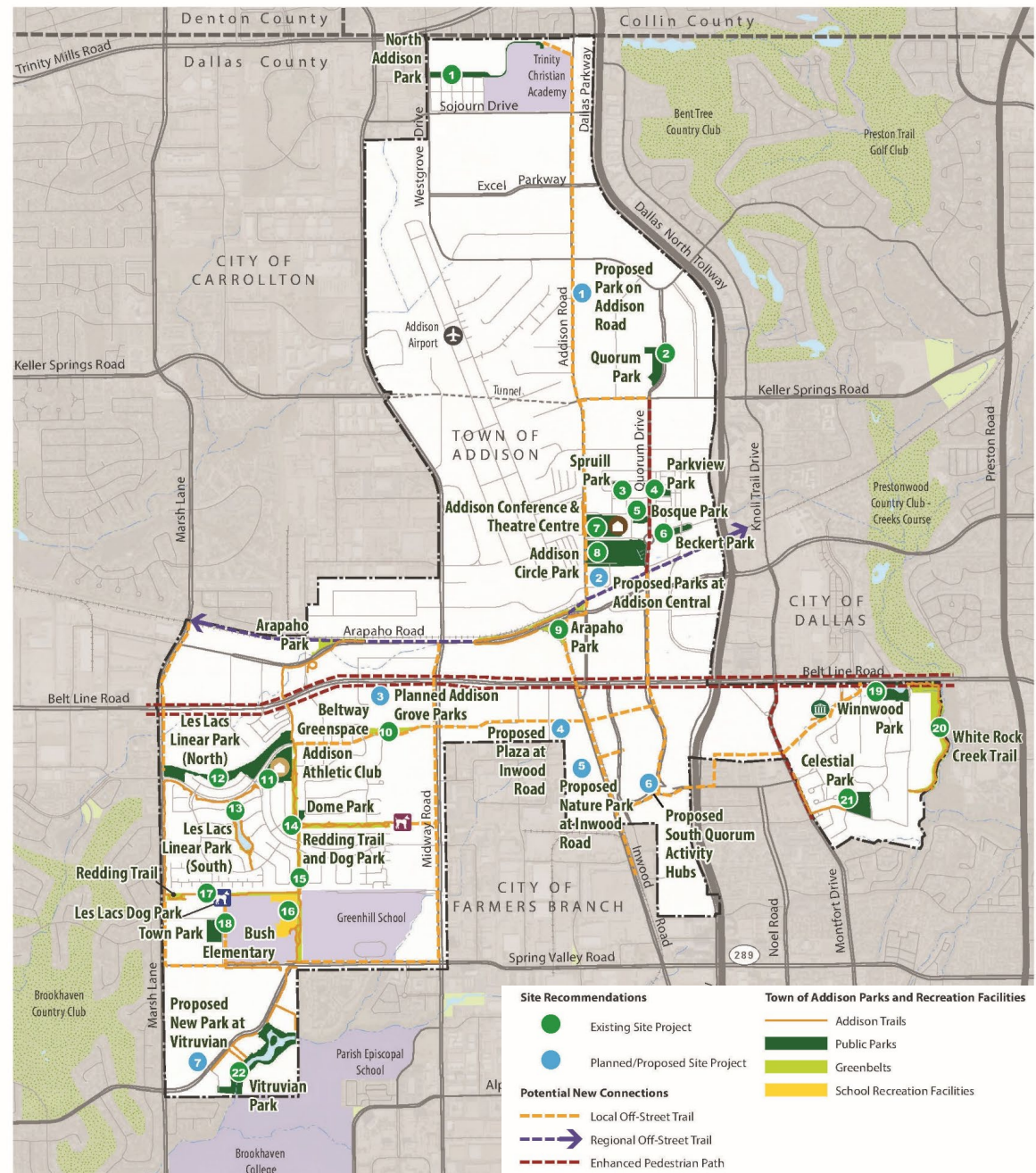


Previous Planning Efforts

Parks, Recreation and Open Space Master Plan - 2019

Prioritizes MTP corridors to address parks/recreation needs **over the next 10 years**

- Regional trail connectivity
- Improved park access
- Recreation loops
- Greenspace/greenways in underserved areas
- Routes to connect underserved areas to parks beyond a 10-minute walking distance



F-2 Proposed Parks and Recreation System



Inventory Highlights - Proposed System

Categories	Miles	Function	Planning Areas	Examples
Proposed Off-Street Trail Alignments				
Regional Trails	1.9	Multi-purpose	2, 3	Cotton Belt Trail
Local Trails	10.7	Multi-purpose	1, 2, 3, 4, 5, 6, 7	Addison Road to Inwood Road, Midway Road to Spring Valley Road, Marsh Lane
Subtotal	12.6			
Trail Alignments in R.O.W.				
Enhanced Pedestrian Path	5.8	Walking Paths	2, 3, 5, 6	Quorum Drive, Belt Line, Monfort Drive
Active Transportation Corridor	8.8	Bike Facilities, Multi-purpose and Walking Paths	1, 4, 6, 7	Proton Drive, Beltway Drive, Excel Parkway, Westgrove Drive,
Subtotal	14.6			
Grand Total	27.2			

Inventory Highlights

Total Existing - 12.8 miles

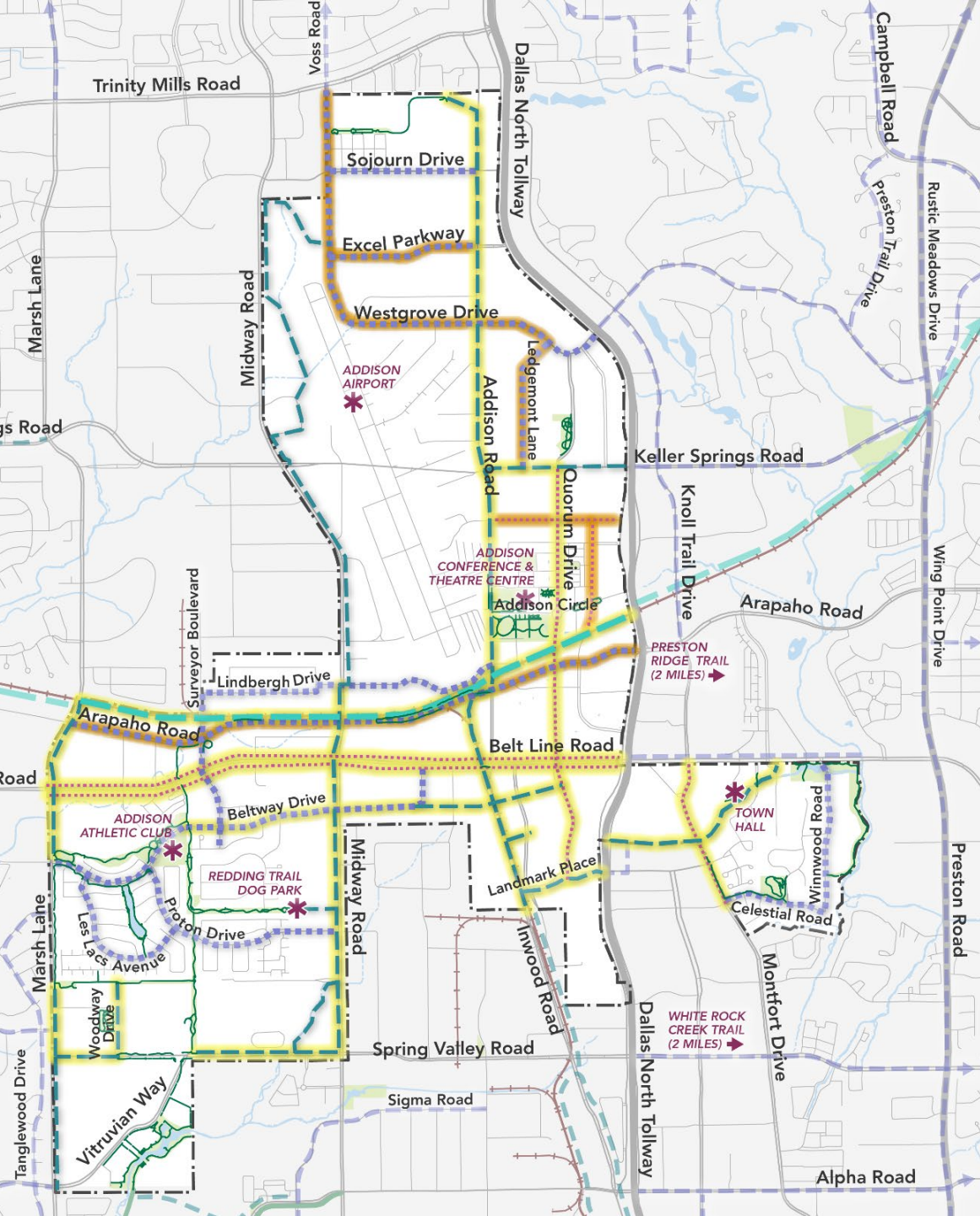
- Off Street – 11.4 miles
- In ROW – 1.6 miles

Total proposed - 27.2 miles

- Off street – 12.6 miles
- In ROW – 14.6 miles



Proposed Trail Network



LEGEND

- City of Addison Boundary
- Highway
- Major Road
- Local Road
- Parks/Open Space
- Water Body
- River/Stream
- Creek Channel
- Rail
- Major Destination

ADDISON TRAILS

- Existing Trail
- Proposed**
- Regional Off-Street Trail
- Local Off-Street Trail
- Enhanced Pedestrian Path
- Active Transportation Corridor
- Parks Plan Priority Trail
- Other Trail Priorities*

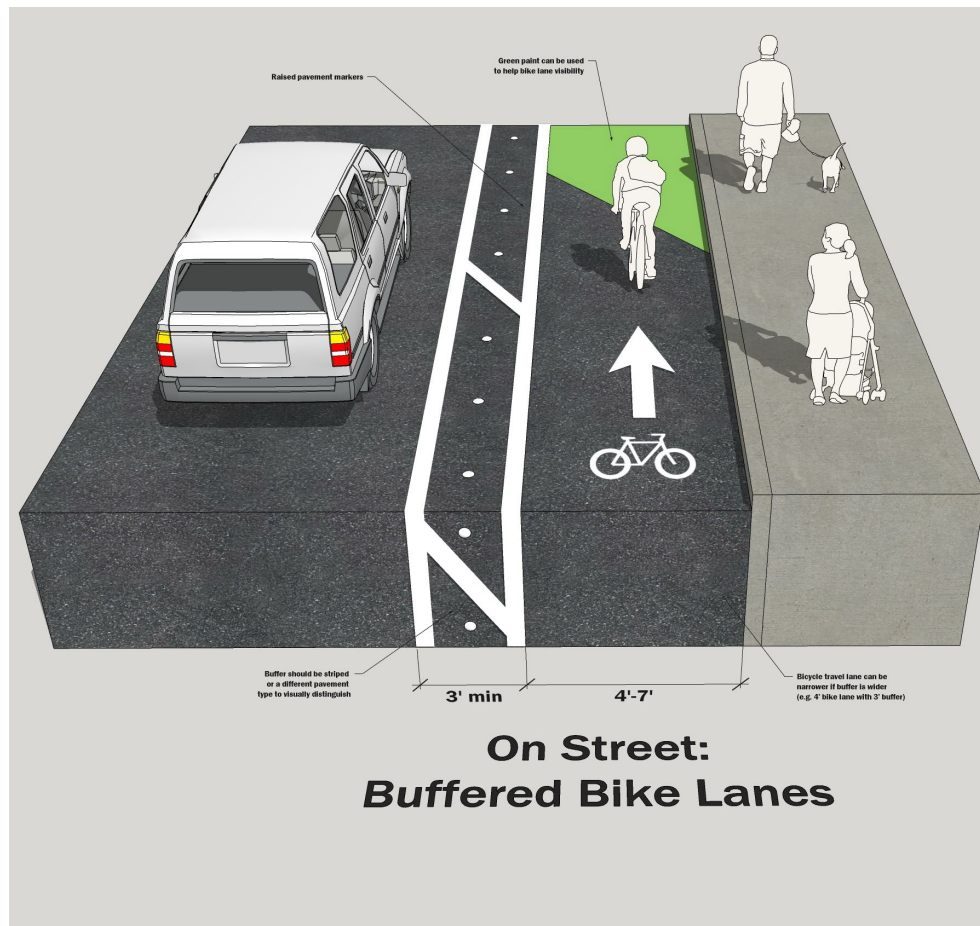
ADJACENT TRAIL CONNECTIONS

- Existing Trail
- Proposed**
- Regional Off-Street Trail
- Off-Street Trail
- On-Street Trail

Notes:
 *Trail opportunities identified during Phase 1 of the Addison City-Wide Trails Plan.

Trail Typologies

Bike Lanes



Trail Typologies

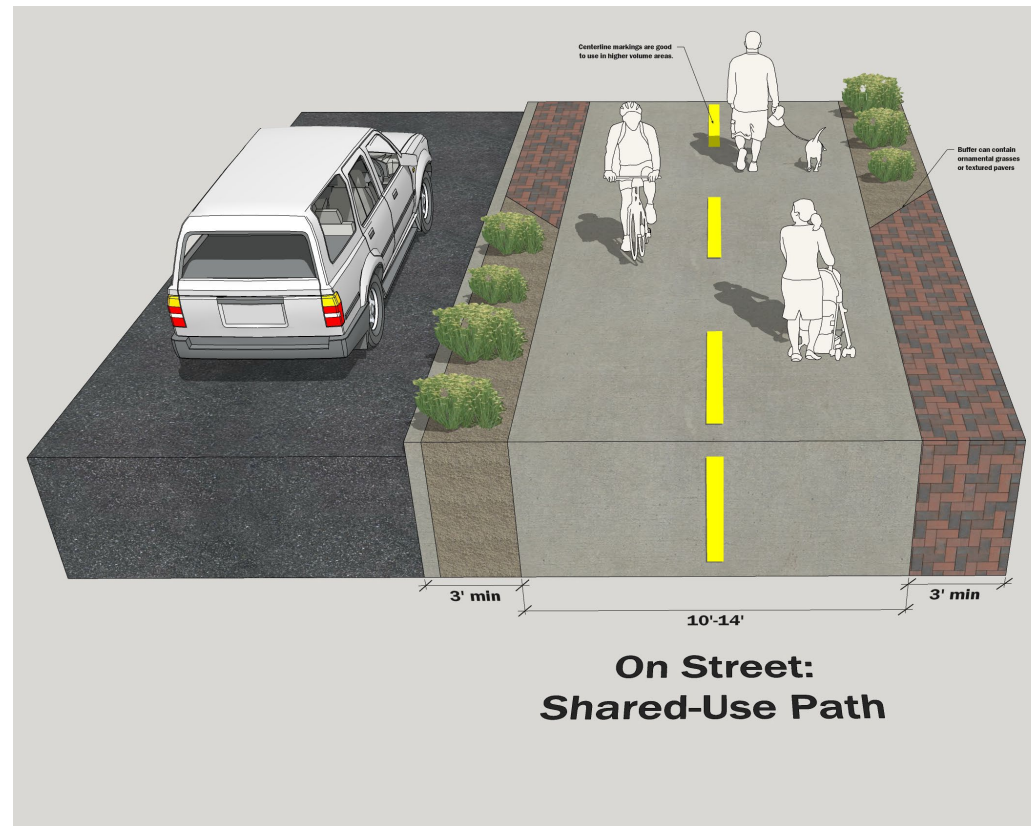
Cycle Tracks



Note: buffers must comply with the Master Transportation Plan or minimum standard which ever is more stringent

Trail Typologies

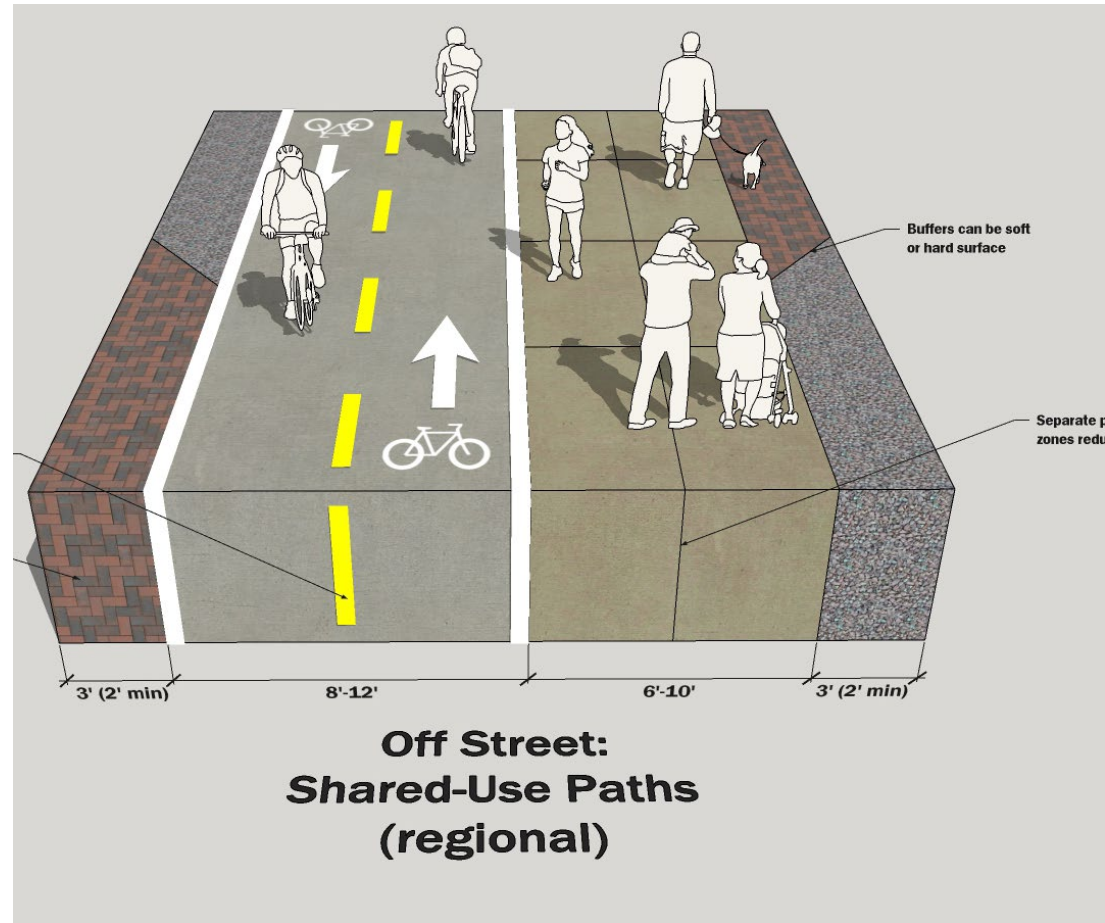
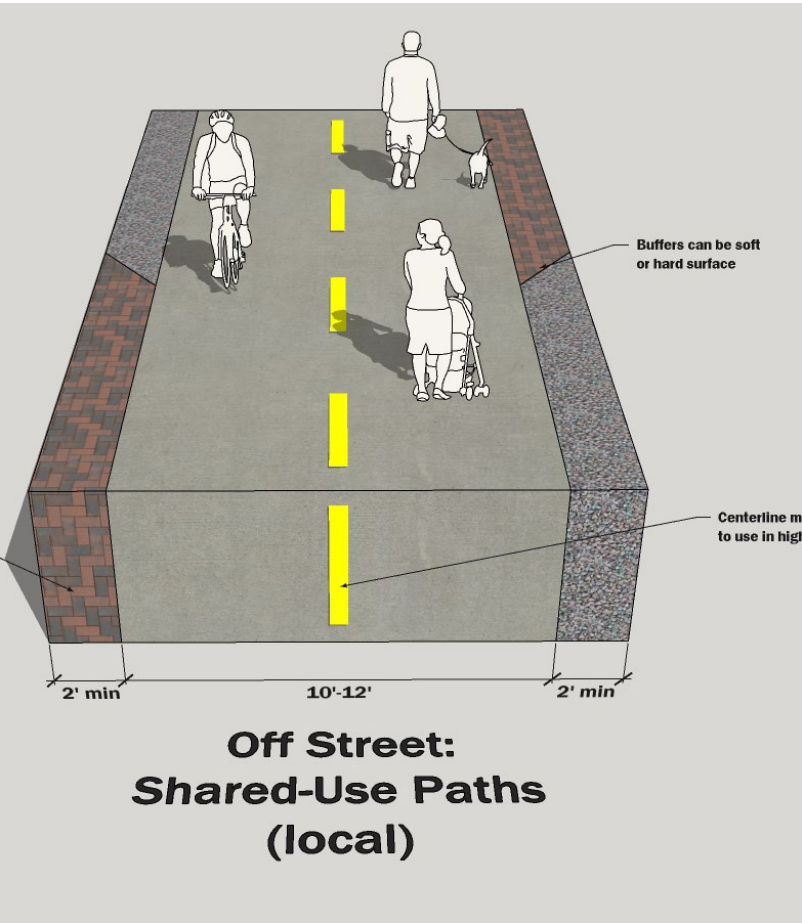
Enhanced Pedestrian Path



Note: buffers must comply with the Master Transportation Plan or minimum standard which ever is more stringent

Trail Typologies

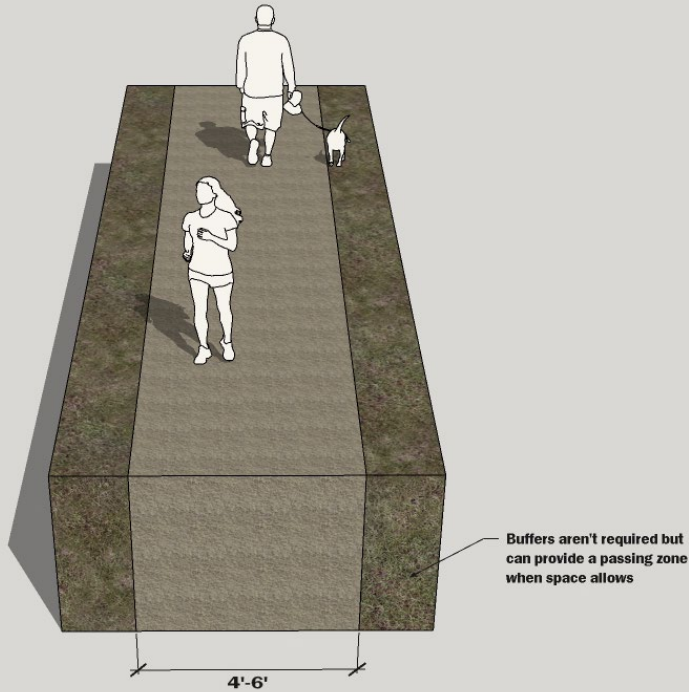
Shared-Use Trails (off-street)



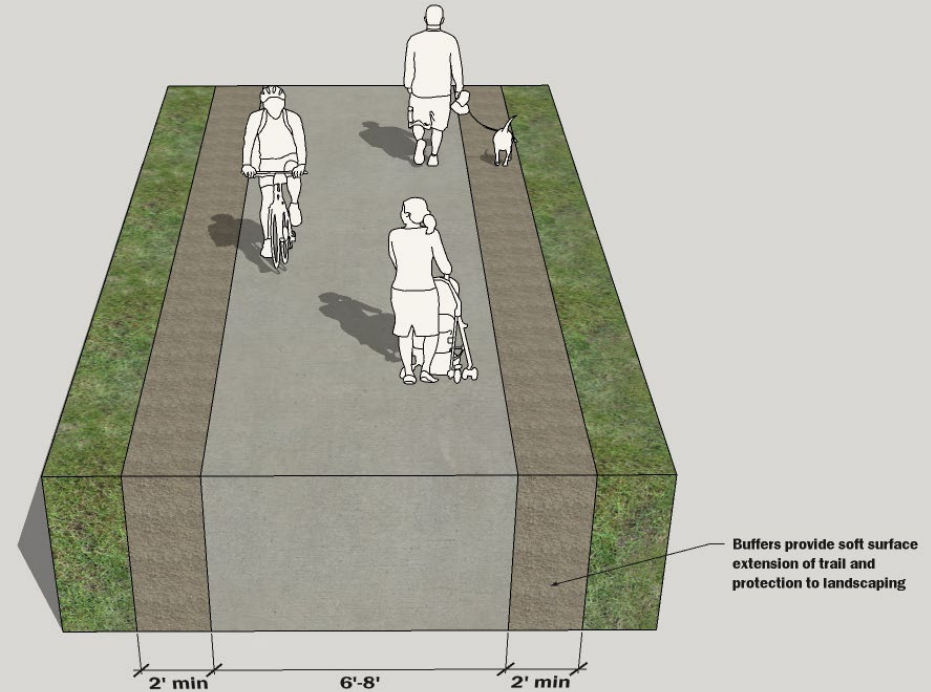
Note: buffers must comply with the Master Transportation Plan or minimum standard which ever is more stringent

Trail Typologies

Park Trails



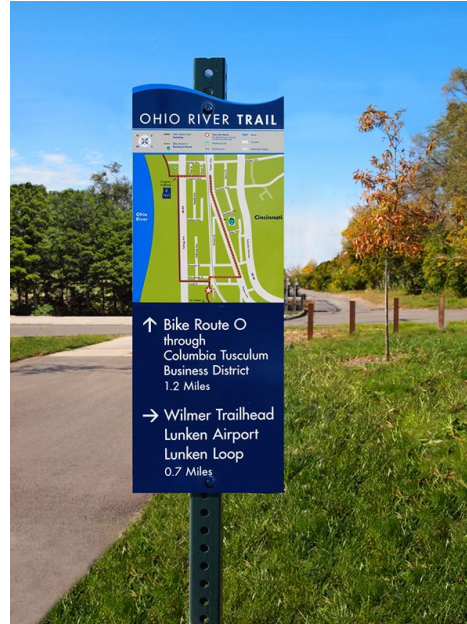
**Off Street:
Park Trails**
(nature paths/unpaved paths)



**Off Street:
Park Trails**
(paved)

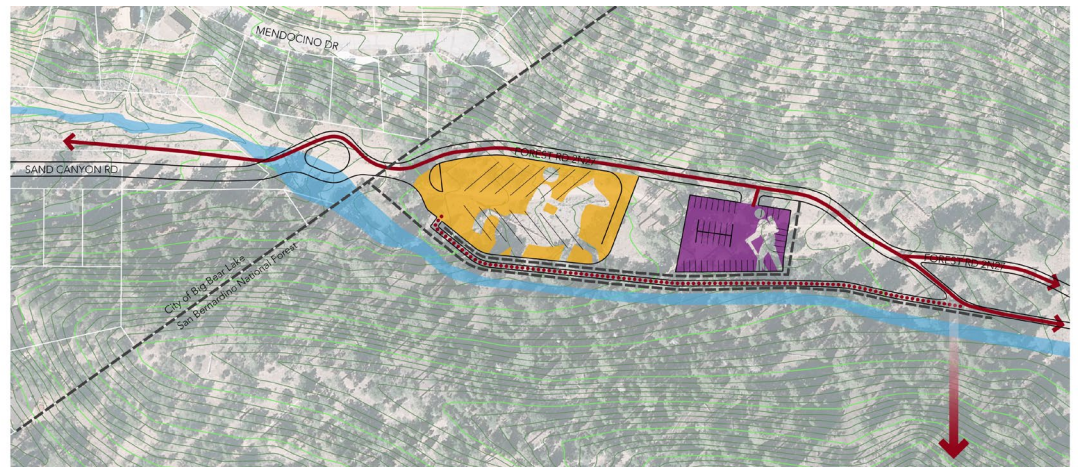
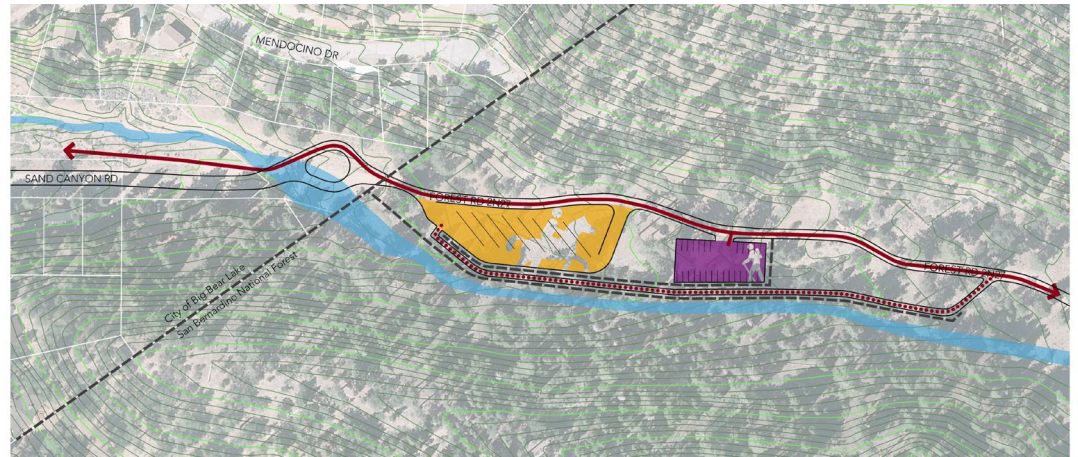
Trail Design Components

Trail Amenities



Trail Design Components

Trailhead Toolkit



Trail Design Components

Major Street Crossing Typologies



Example:
Island Refuge Areas

Community Feedback

Project Advisory Committee and Council Interviews

Key Themes

- Connections to existing trails, inside and outside the Town
- **Safety** – lighting, street crossings, biking
- Use residential/local streets for on-street trails
- **Barriers** – Midway, Tollway and Belt Line
- Neighborhood connectivity, North to South, East to West, **neighborhood loops**
- Planned Cotton Belt Trail opportunities – first and last mile, Trail-Oriented Development, regional connections
- Devise implementable/plausible solutions; articulate in **various scenarios/phases**

Project Advisory Committee and Council Interviews

Key Themes

- **Off-street trails emphasis** – nature trails, multi-use trails, recreation
- **Walkers/dog walkers** are the primary users; walks within neighborhoods
- Need more **information about trails** – how to go from one place to another, online info, establish groups, wayfinding signage
- Connectivity to regional trails
- **Trail design and amenities** – signage, shade, seating, art, etc.
- Addison trails to set North Texas standard
- Establish areas of activity and meeting places along trails

Community-Driven Guiding Principles

Nice to haves for Addison Trails

Connectivity

Supports recreational and commuting needs through trail access, filling network gaps, and changing vehicular circulation when needed.

Context-Sensitivity

Responds to the opportunities, constraints, and character of Addison by minimizing environmental impacts, reducing private property impacts, and accessing transit.

Diversity

Attracts a range of users by providing multiple active transportation modes on various trail types around the town.

Safety

Provides public safety by establishing low-stress facilities with minimal vehicle conflicts and visible corridors with crime prevention mechanisms.

Trails Questionnaire

Total records in survey: 706

Full Responses: 526

Partial Responses: 180

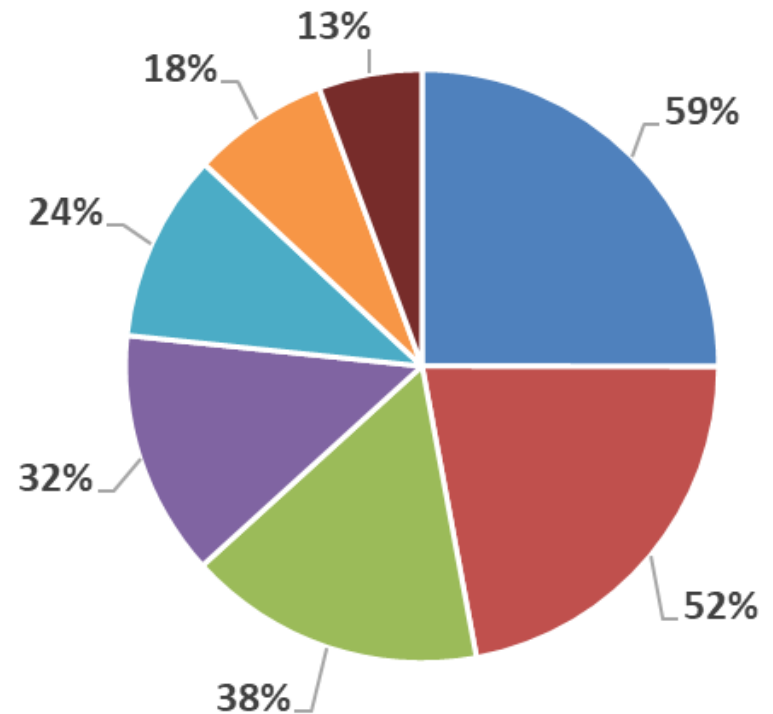
High-Level Takeaways

- Addison is perceived as an “easy” place to walk around, however, biking is perceived as more difficult, and many survey participants do not currently bike.
- The majority of survey participants are on trails every day – primarily for exercise and to be surrounded by nature – and value them as being extremely important to the community’s quality of life.

Trails Questionnaire - Trail Types

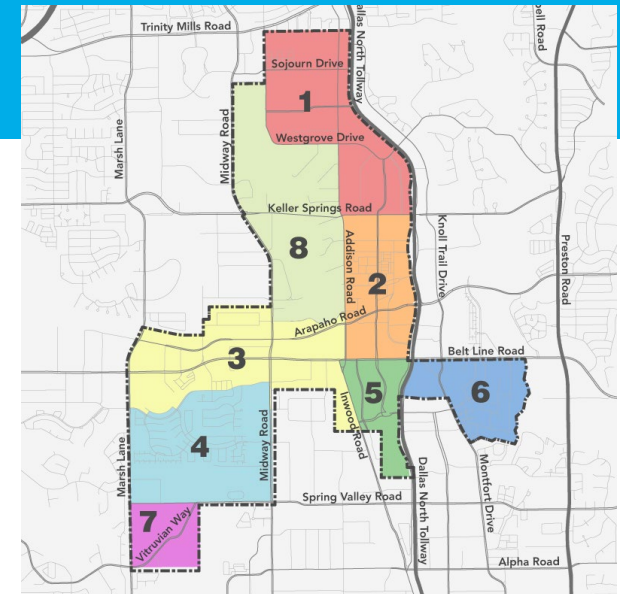
What types of trail connections do you want to see more of around Town? (Check all that apply.)

Answer	Count	Percentage
Off-street multi-use paths	417	59.07%
Wide walking paths and sidewalks	367	51.98%
Unpaved or park trails	270	38.24%
Multi-use paths in the public right-of-way	223	31.59%
Separated bike lanes	171	24.22%
Bike lanes	124	17.56%
Two-way cycle tracks	94	13.31%
Not completed or Not displayed	102	14.45%



Trails Questionnaire - Connections

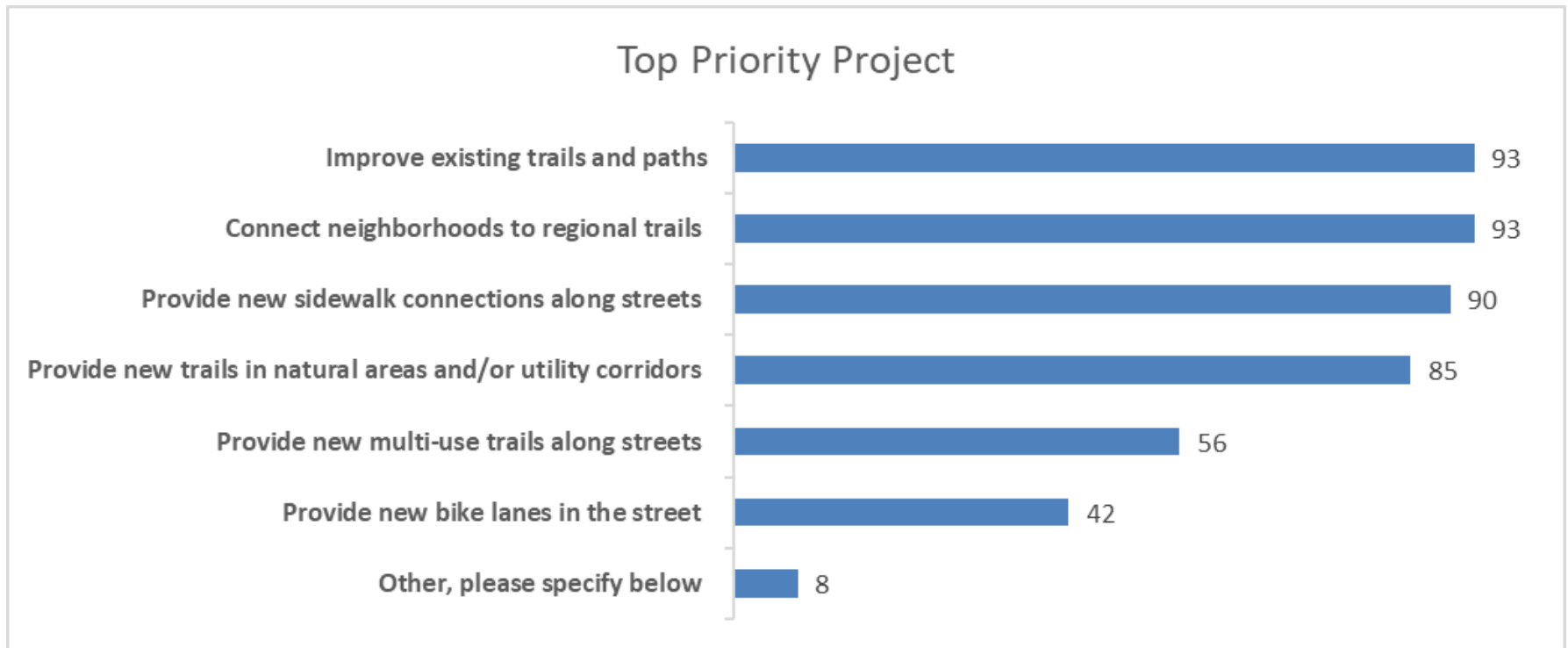
From where you live, where are trail connections most needed in Addison?
(Choose 1.)



		From where you live, where are trail connections most needed in Addison? (TO)							
		1. North Addison	2. Addison Circle	3. Belt Line	4. Les Lacs/Midway Meadows	5. South Quorum	6. East Addison	7. Vitruvian Park	8. Airport
Where do you LIVE in Addison? (FROM)	1. North Addison	15	4	5	1	1	0	0	0
	2. Addison Circle	9	8	21	5	6	8	2	0
	3. Belt Line	1	8	12	3	3	2	2	0
	4. Les Lacs/Midway Meadows	5	13	81	21	8	12	17	0
	5. South Quorum	0	1	1	0	1	1	0	0
	6. East Addison	3	10	20	1	17	15	1	0
	7. Vitruvian Park	9	19	47	48	9	7	48	0
	8. Airport	0	0	0	0	0	0	0	0

Trails Questionnaire - Priority Projects

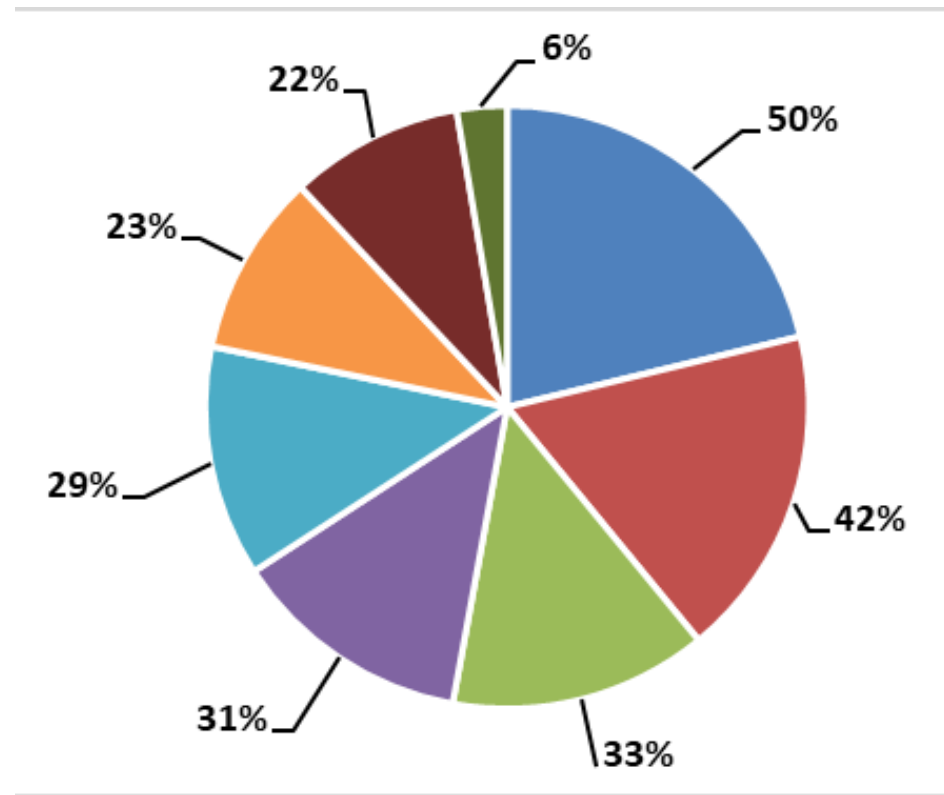
In your opinion, what are the highest priority project from the following list? [Ranking #1]



Trails Questionnaire - Amenities

What type of amenities would you like to see on trails?
(Select all that apply)

Answer	Count	Percentage
Directional or wayfinding signage (to nearest places or trail connections)	356	50.42%
Small gathering areas (e.g., benches, viewpoints, pull-off areas)	299	42.35%
Art (sculptures, wall art, whimsical features)	232	32.86%
Attractive trail entryways or gateways	217	30.74%
Fitness areas or stations	208	29.46%
Nature play features for kids (e.g., climbing rocks, stepping stumps, spinner poles)	164	23.23%
Interpretive signage (history of the site, natural history)	156	22.10%
Other	45	6.37%
Not completed or Not displayed	159	22.52%



Community-Driven Trail Goals

Must haves for all Addison Trails

Internal Circulation

Enhance, bolster or complete internal circulation routes in all planning areas

Neighborhood Connections

Connect neighborhoods to adjacent planning areas with on or off-street trails

Addison Destinations

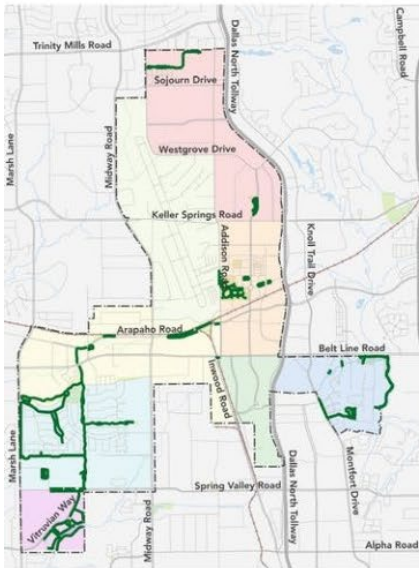
Provide access from all Addison neighborhoods to Addison destinations including parks and public facilities, commercial and employment centers, and entertainment districts

Regional Links

Link planning areas to regional routes and destinations through seamless trail connections

Community Visioning Workshop

Project Goals: Overall, how well does the existing trail system satisfy these goals?



Poor

Excellent

INTERNAL CIRCULATION: Enhance, bolster or complete internal circulation routes in all planning areas

2.8

NEIGHBORHOOD CONNECTIONS: Connect neighborhoods to adjacent planning areas with on- or off-street trails

2.6

ADDISON DESTINATIONS: Provide access from all neighborhoods to destinations including parks, employment centers and entertainment districts.

2.5

REGIONAL LINKS: Link planning areas to regional routes and destinations through seamless trail connections

1.8

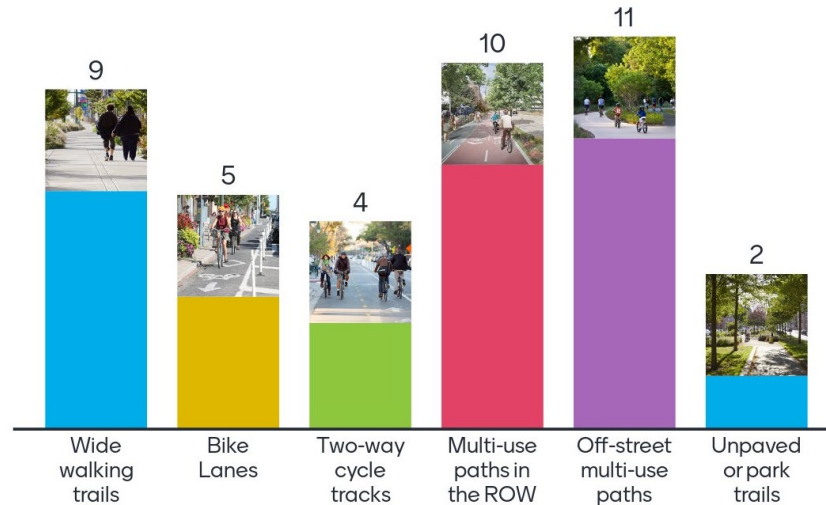
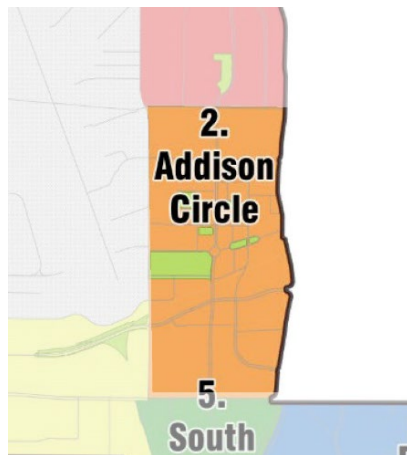
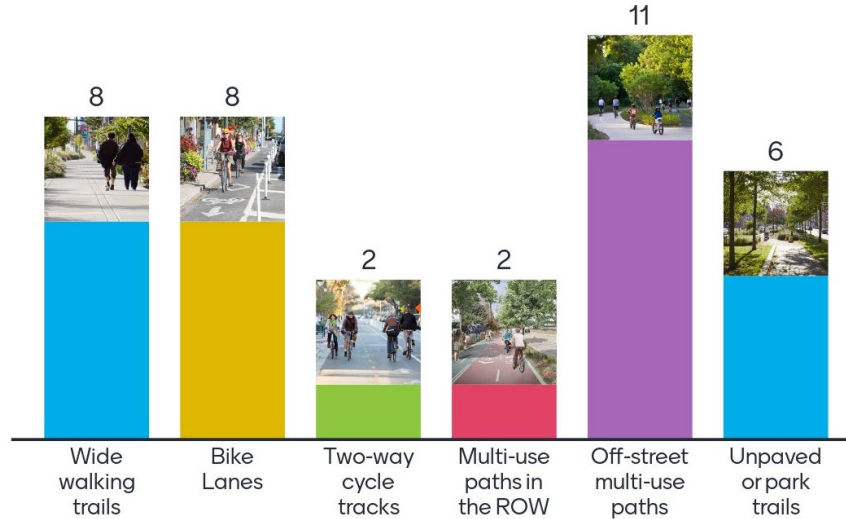
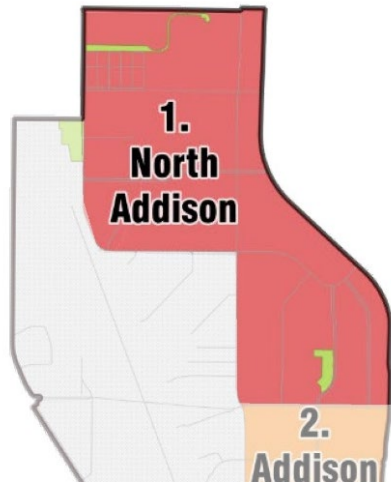
Community Visioning Workshop

What is your VISION for Addison Trails?



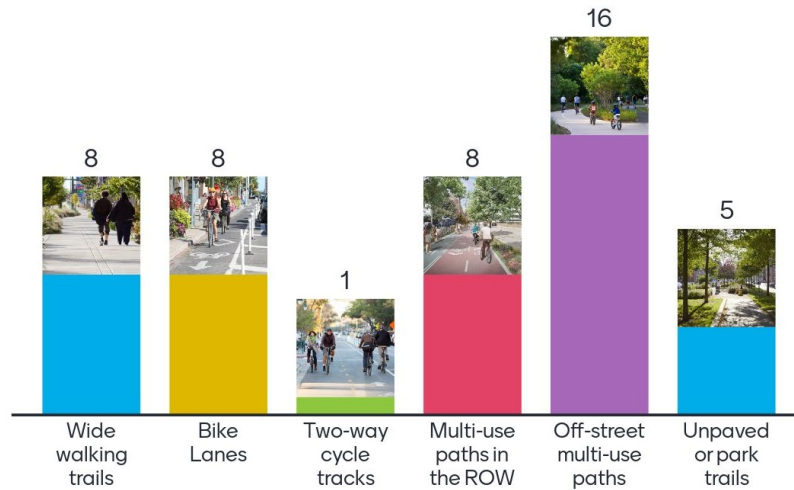
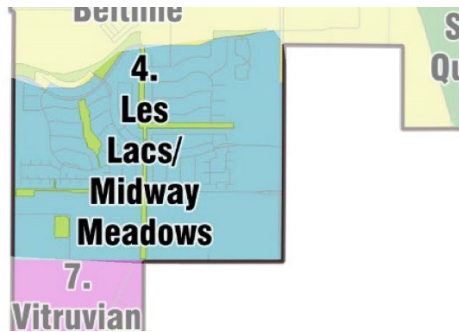
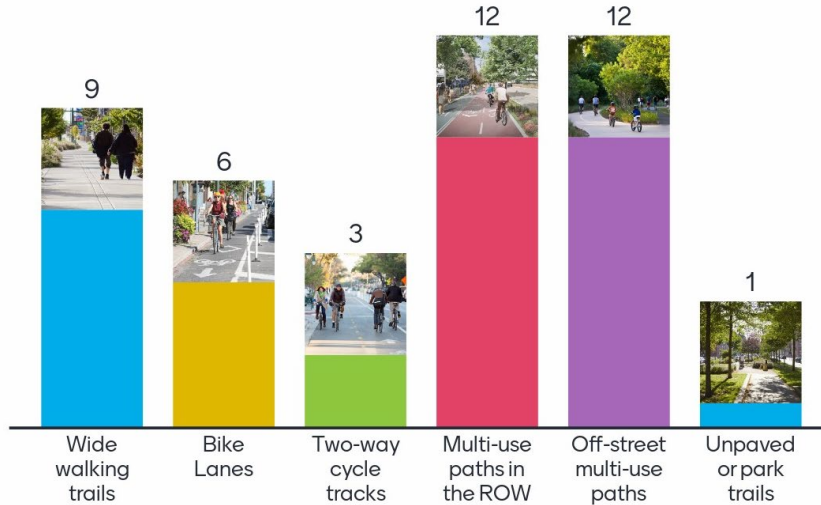
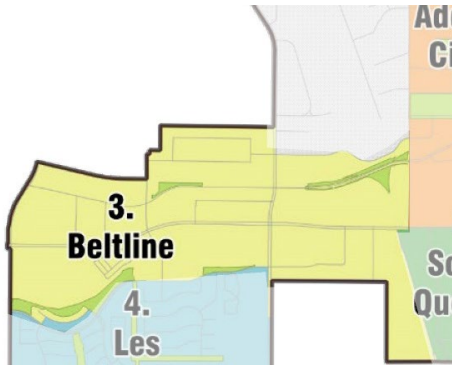
Community Visioning Workshop

Which trail typologies should be prioritized?



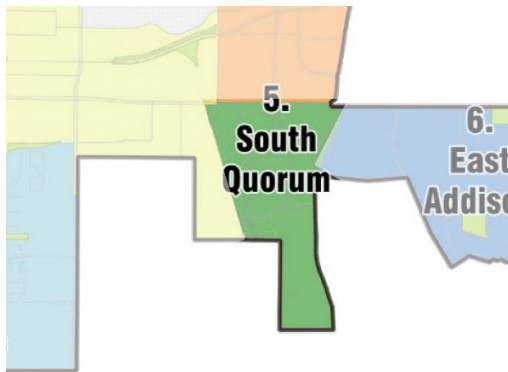
Community Visioning Workshop

Which trail typologies should be prioritized?



Community Visioning Workshop

Which trail typologies should be prioritized?



Community Visioning Workshop

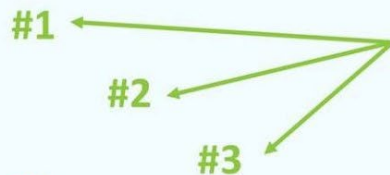
Which trail typologies should be prioritized?



Community Visioning Workshop

Guiding Principles

Evaluation Criteria



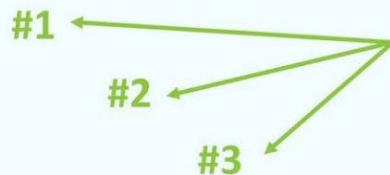
Connectivity

Supports recreational and commuting needs through trail access, filling network gaps, and changing vehicular circulation when needed.



Context-Sensitivity

Responds to the opportunities, constraints, and character of Addison by minimizing environmental impacts, reducing private property impacts, and accessing transit.



Diversity

Attracts a range of users by providing multiple active transportation modes on various trail types around the town.



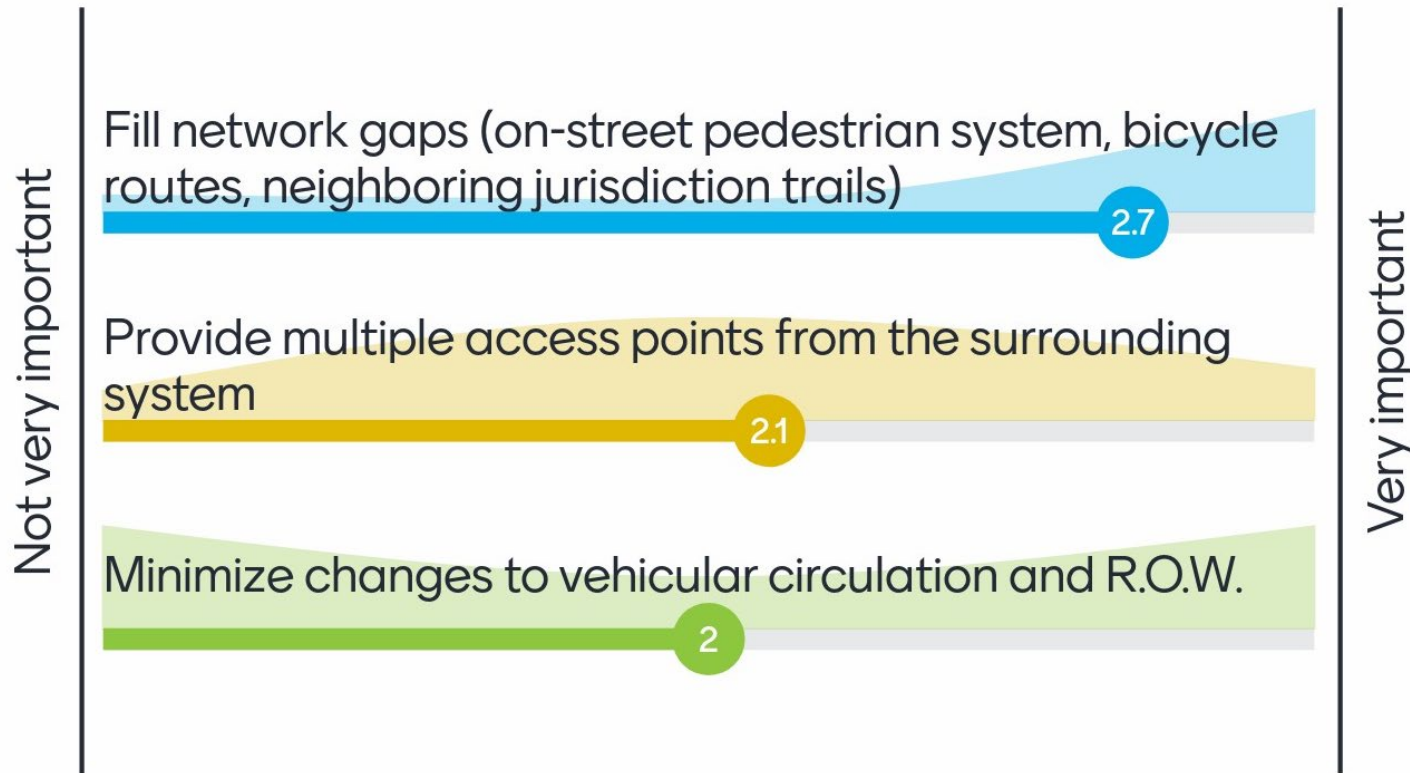
Safety

Provides public safety by establishing low-stress facilities with minimal vehicle conflicts and visible corridors with crime prevention mechanisms.

Community Visioning Workshop

Evaluation Criteria Weighting

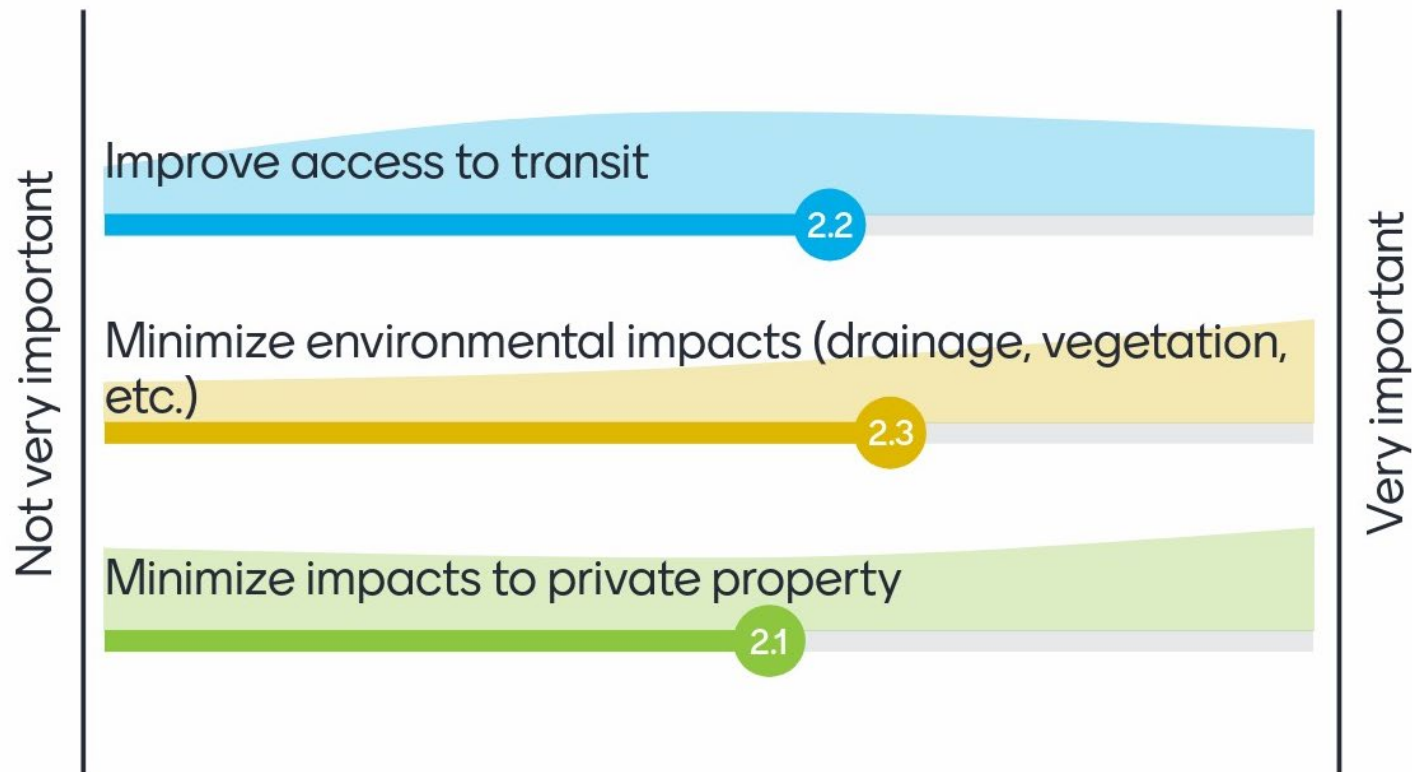
CONNECTIVITY



Community Visioning Workshop

Evaluation Criteria Weighting

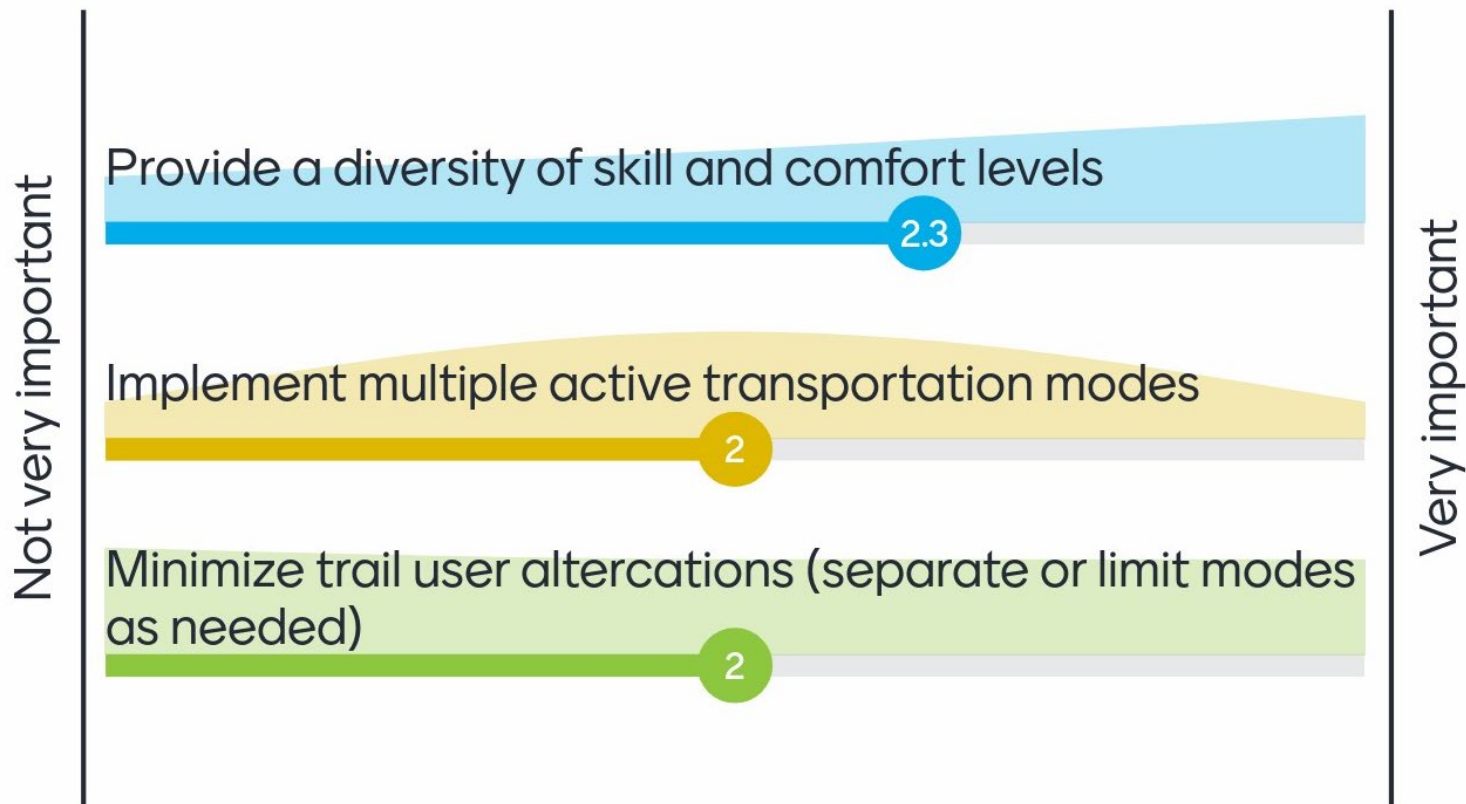
CONTEXT SENSITIVITY



Community Visioning Workshop

Evaluation Criteria Weighting

DIVERSITY



Community Visioning Workshop

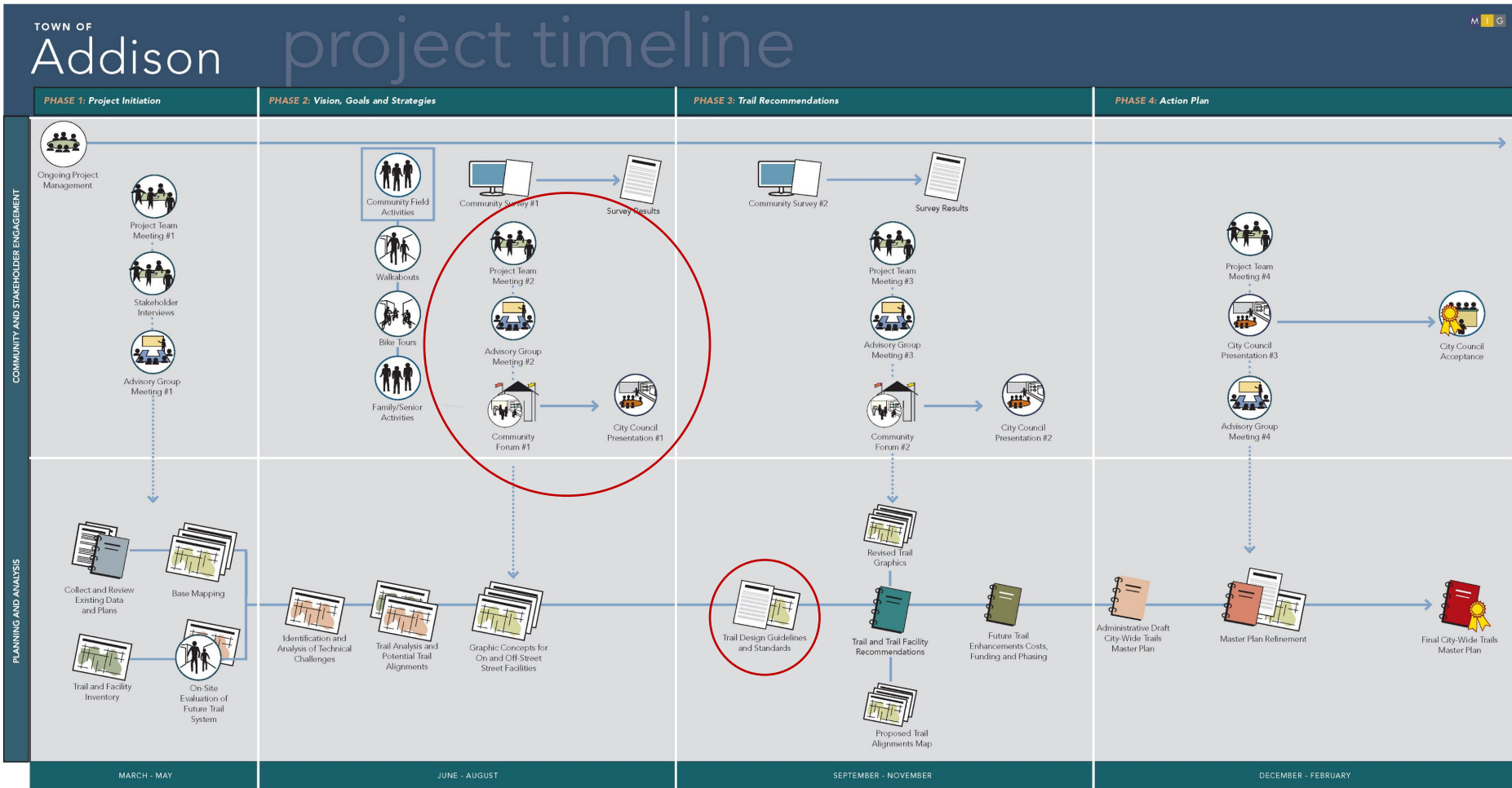
Evaluation Criteria Weighting

SAFETY



Next Steps

Project Timeline



Next Steps

Phase 3: Trail Recommendations (September - October)

- Planning and analysis
 - Scenario building
 - Recommendations
 - Guidelines and standards
 - Cost estimates
- Community and stakeholder engagement
 - PAC Meetings #2 and #3
 - Digital problem area identification and scenario testing
 - Community prioritization workshop
 - Council update

Questions?