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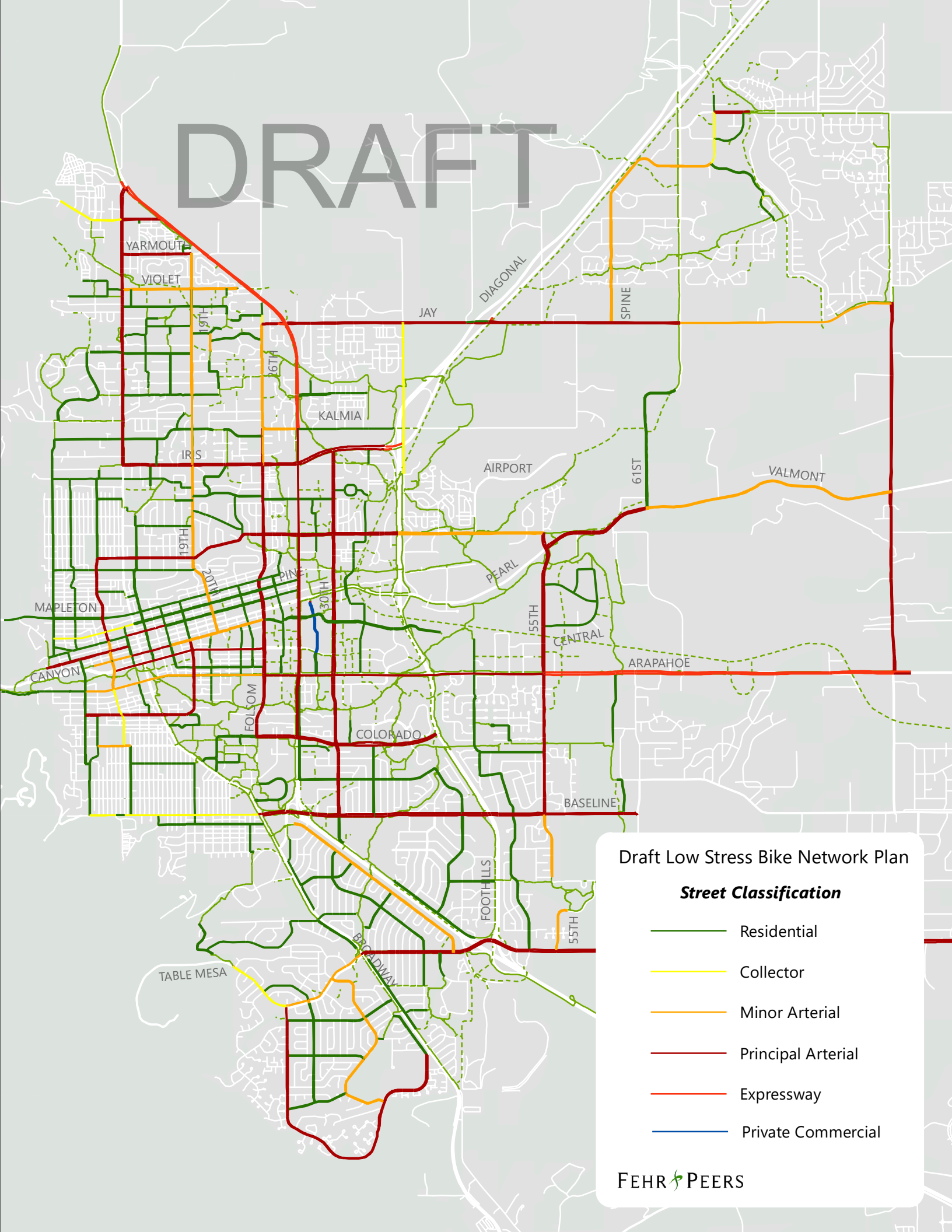


Draft Low Stress Bike Network Plan

On Street and Off Street Networks







- On Street
- Off Street
- - - Off Street Proposed

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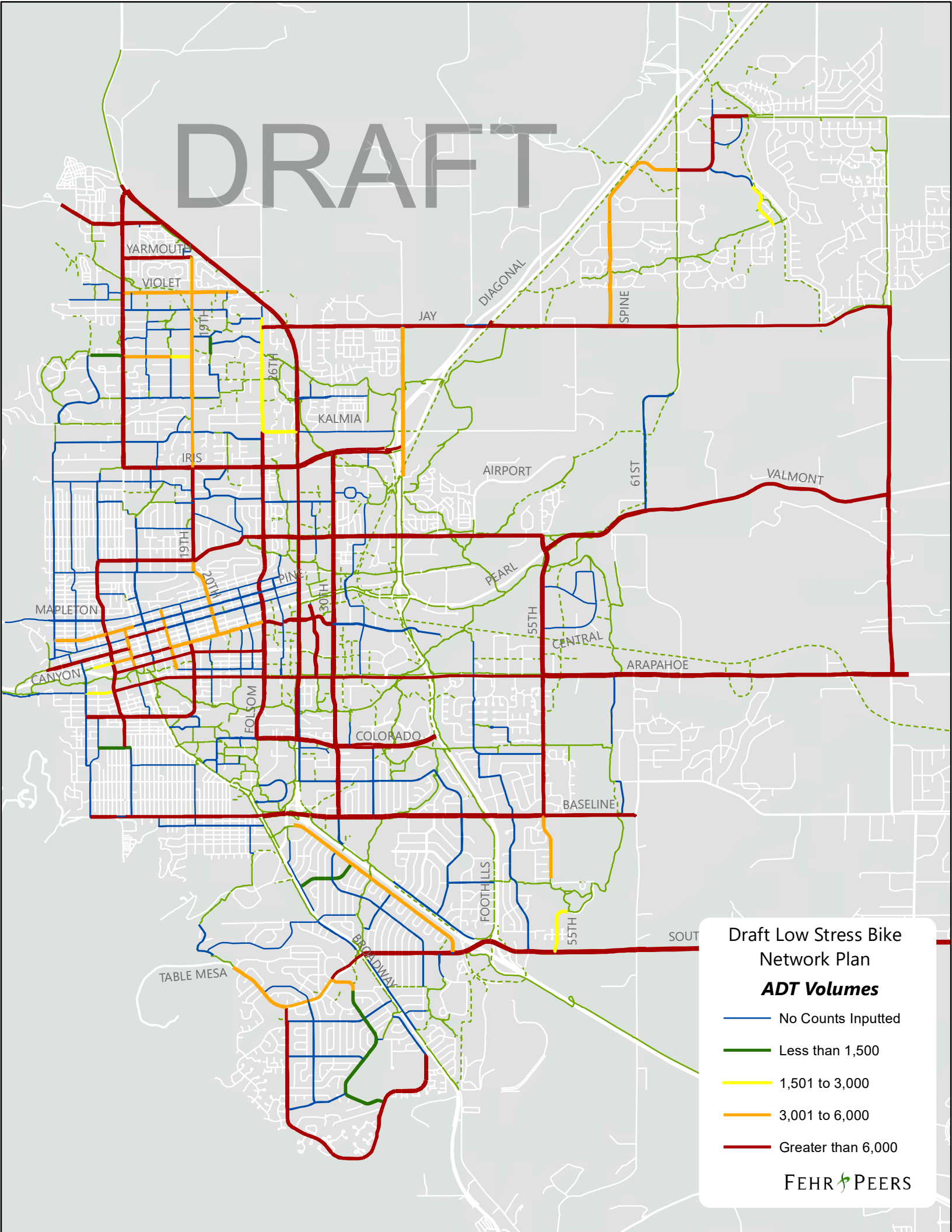


Draft Low Stress Bike Network Plan

Street Classification

-  Residential
-  Collector
-  Minor Arterial
-  Principal Arterial
-  Expressway
-  Private Commercial

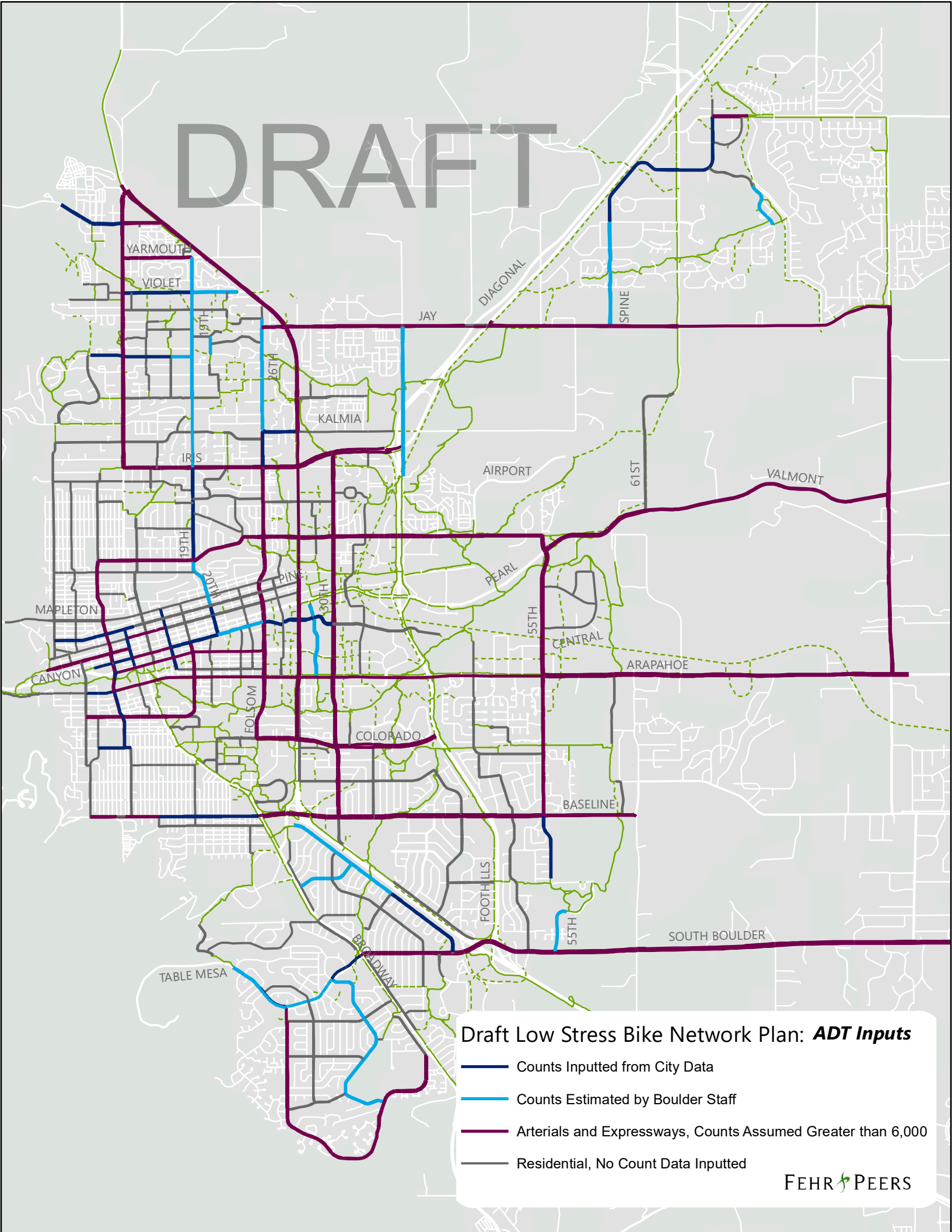
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Draft Low Stress Bike Network Plan
ADT Volumes

- No Counts Inputted
- Less than 1,500
- 1,501 to 3,000
- 3,001 to 6,000
- Greater than 6,000

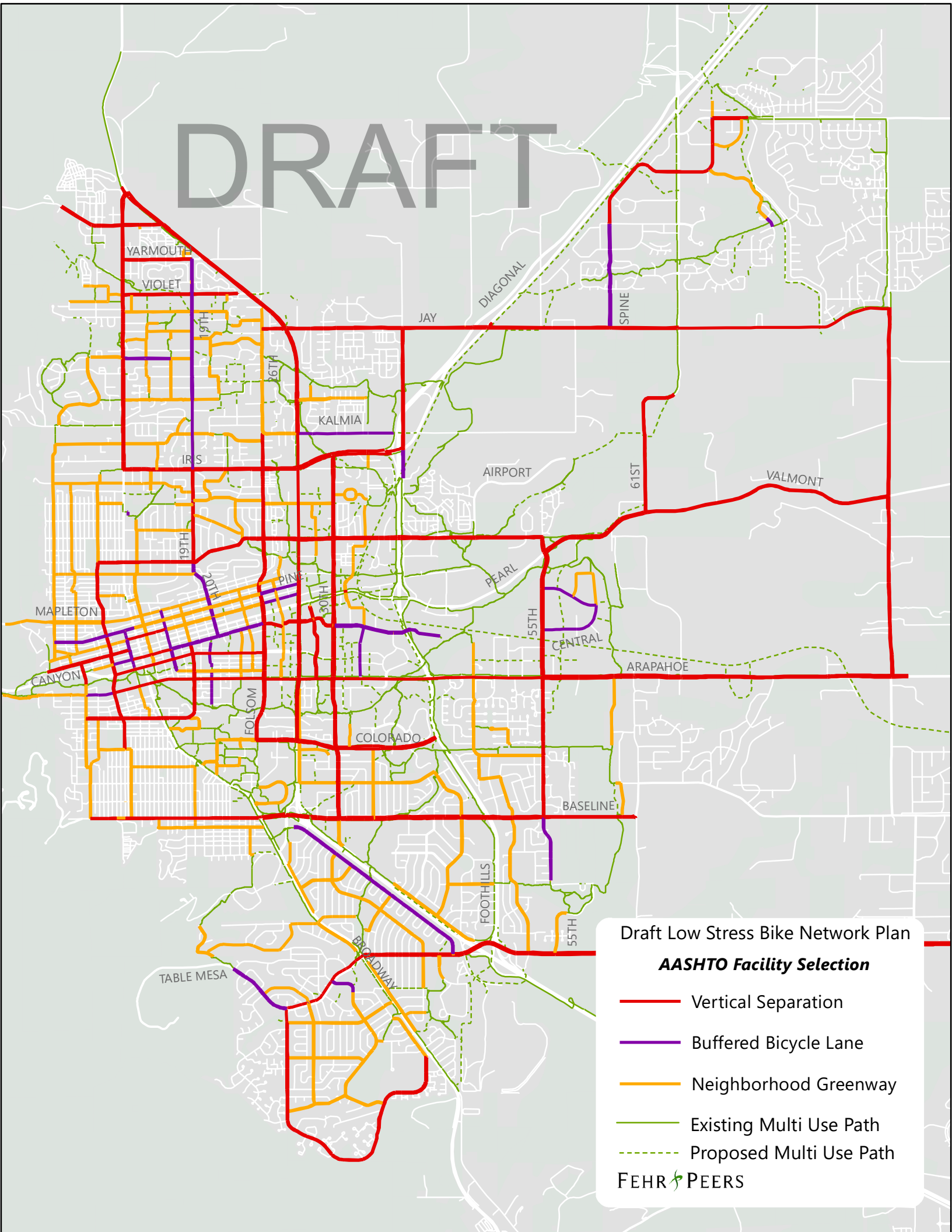
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Draft Low Stress Bike Network Plan: **ADT Inputs**

- Counts Inputted from City Data
- Counts Estimated by Boulder Staff
- Arterials and Expressways, Counts Assumed Greater than 6,000
- Residential, No Count Data Inputted

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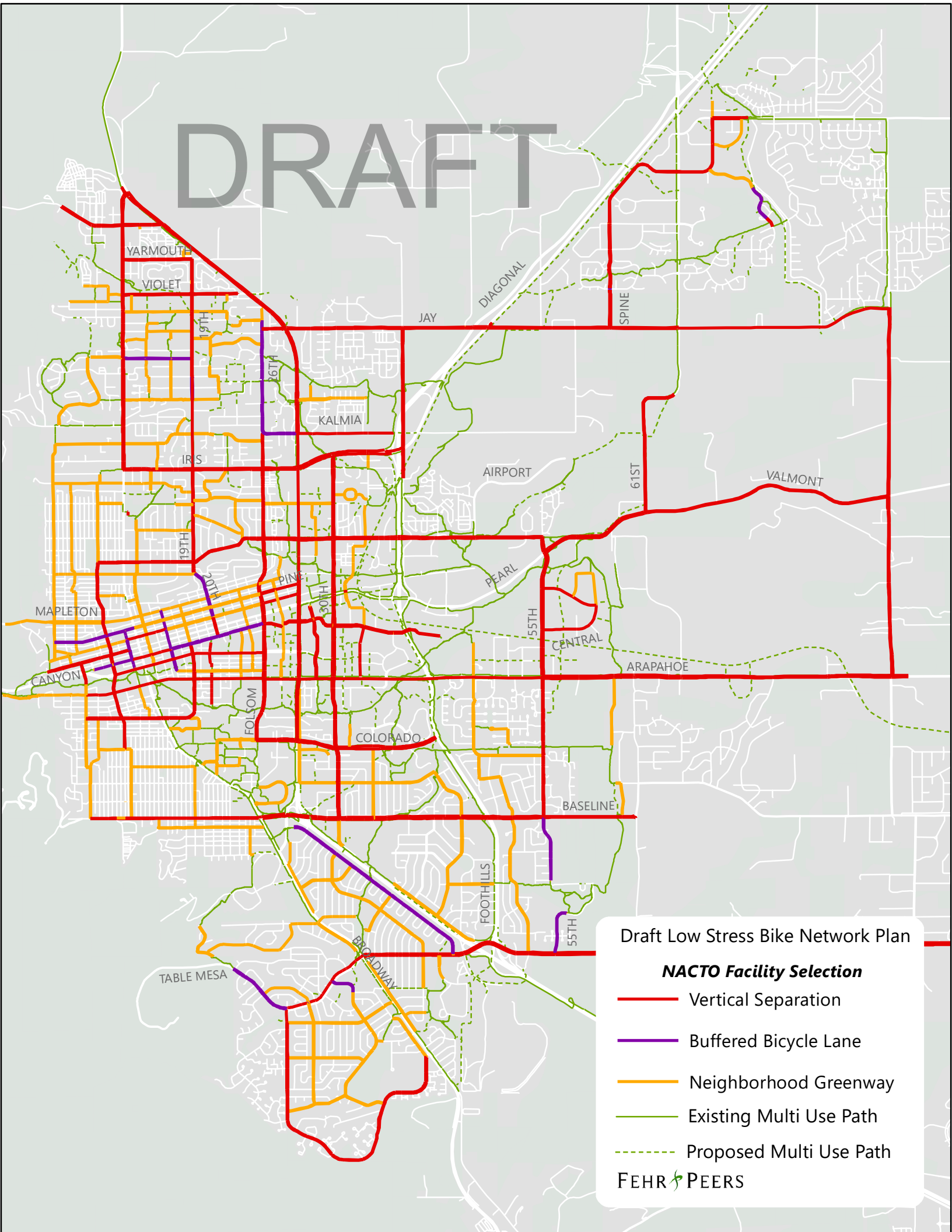


Draft Low Stress Bike Network Plan

AASHTO Facility Selection


- Vertical Separation
- Buffered Bicycle Lane
- Neighborhood Greenway
- Existing Multi Use Path
- Proposed Multi Use Path

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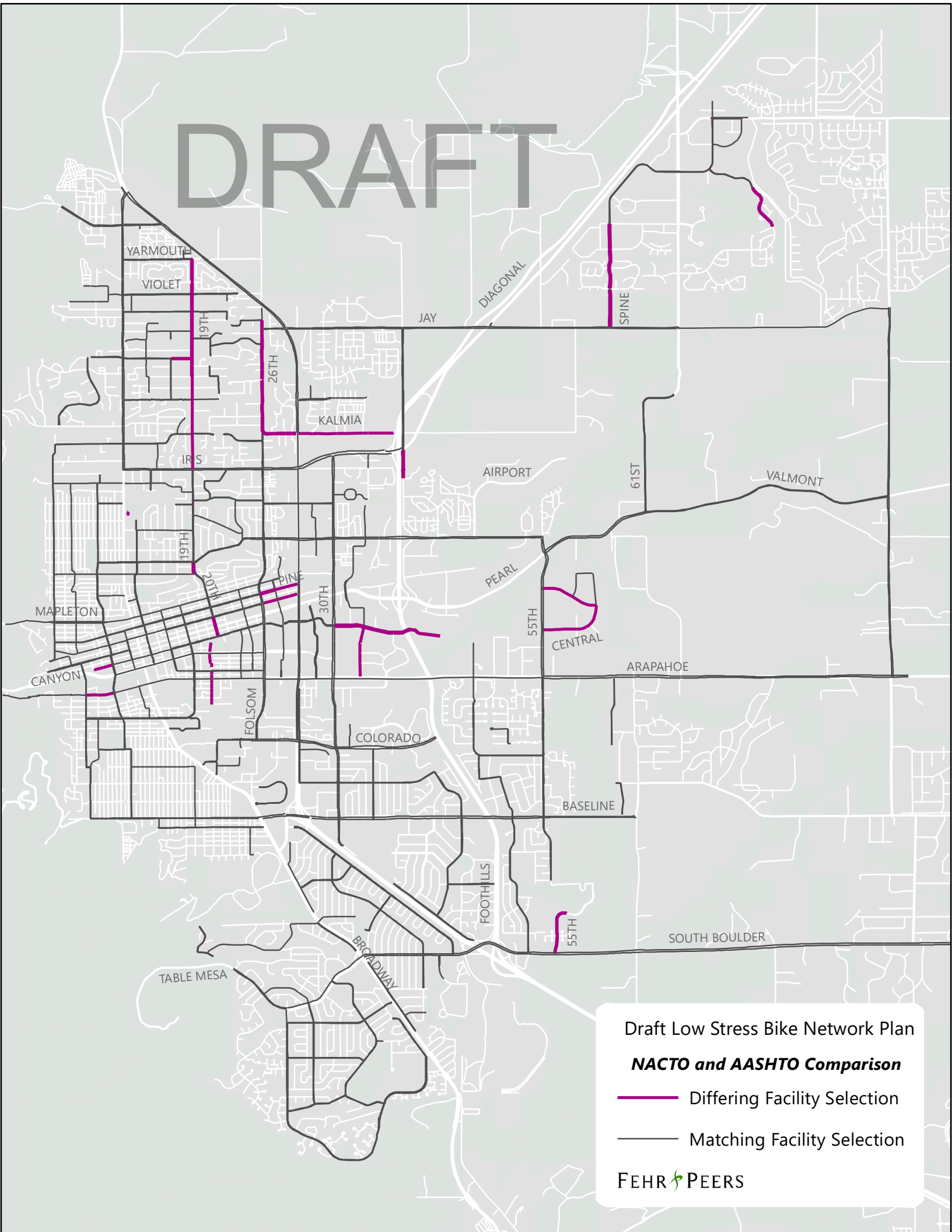


Draft Low Stress Bike Network Plan

NACTO Facility Selection

-  Vertical Separation
-  Buffered Bicycle Lane
-  Neighborhood Greenway
-  Existing Multi Use Path
-  Proposed Multi Use Path

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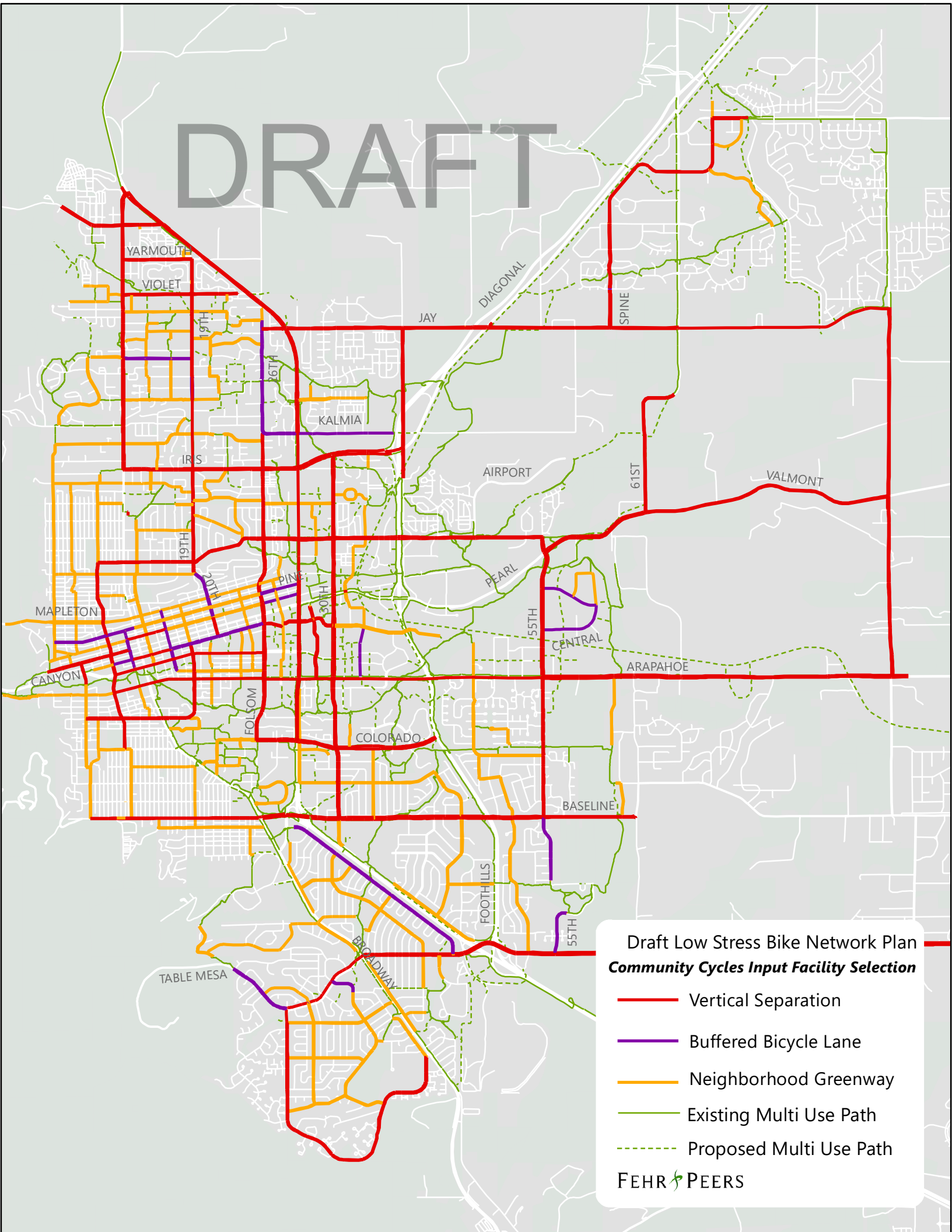
Draft Low Stress Bike Network Plan

NACTO and AASHTO Comparison

 Differing Facility Selection

 Matching Facility Selection

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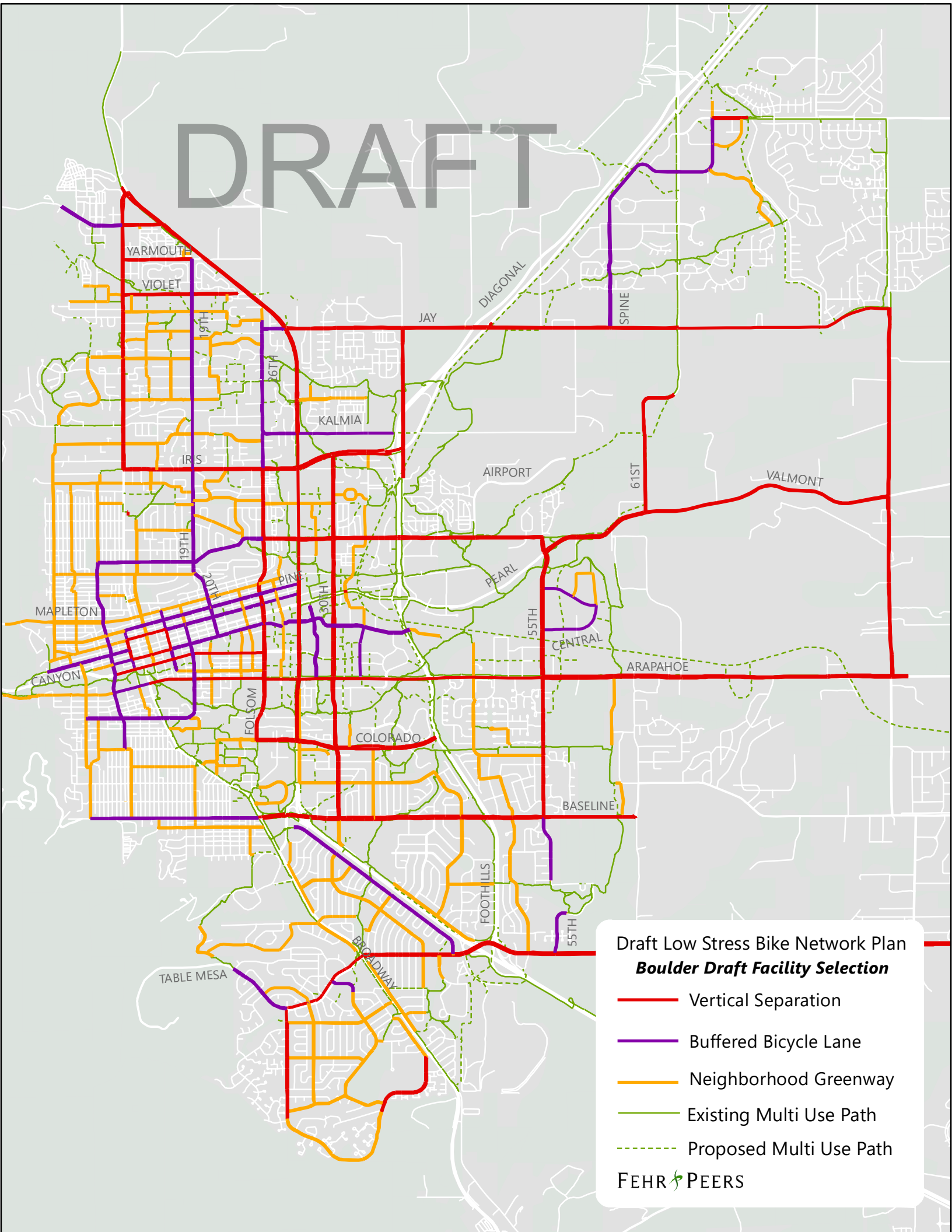


Draft Low Stress Bike Network Plan
Community Cycles Input Facility Selection

- Vertical Separation
- Buffered Bicycle Lane
- Neighborhood Greenway
- Existing Multi Use Path
- Proposed Multi Use Path

FEHR & PEERS

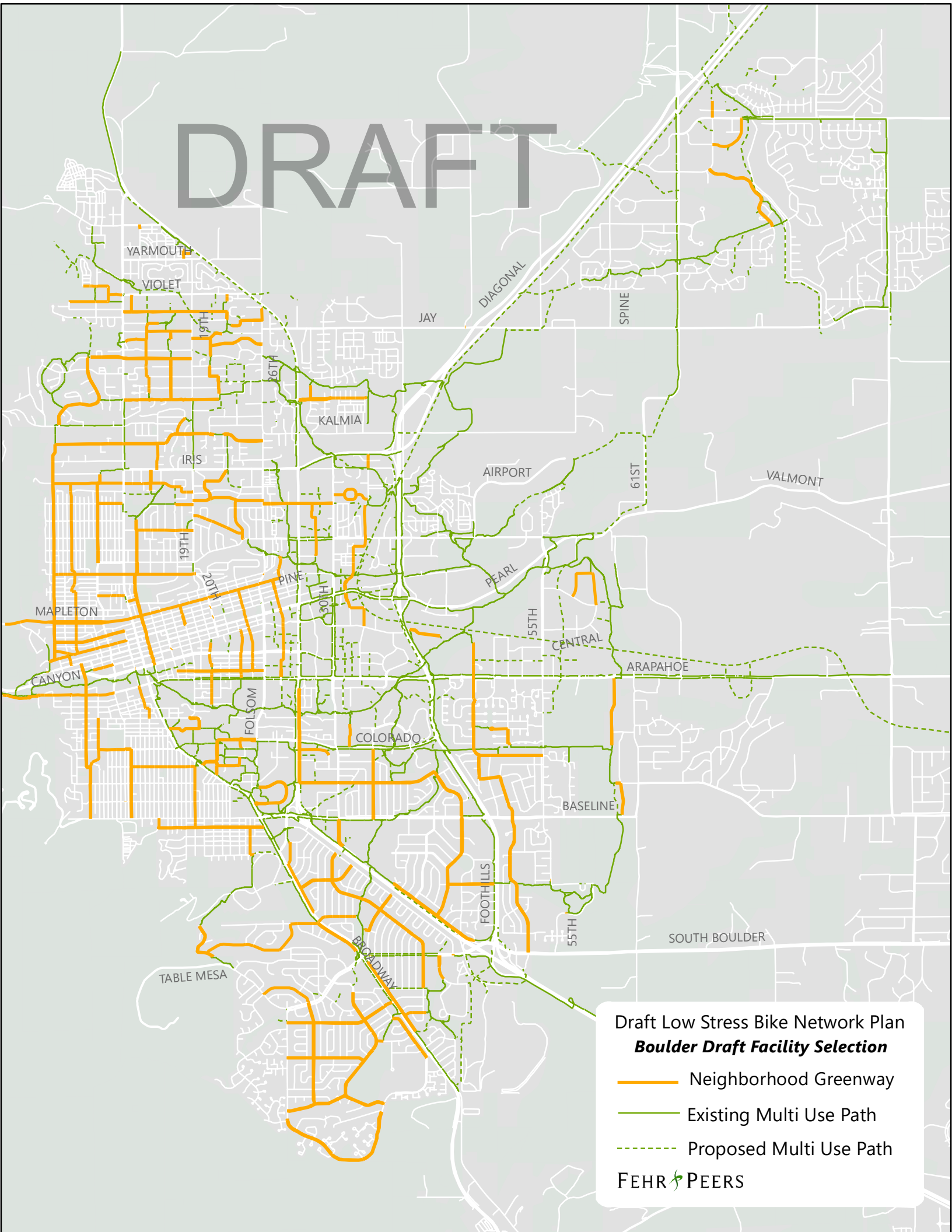
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Draft Low Stress Bike Network Plan
Boulder Draft Facility Selection

- Vertical Separation
- Buffered Bicycle Lane
- Neighborhood Greenway
- Existing Multi Use Path
- Proposed Multi Use Path

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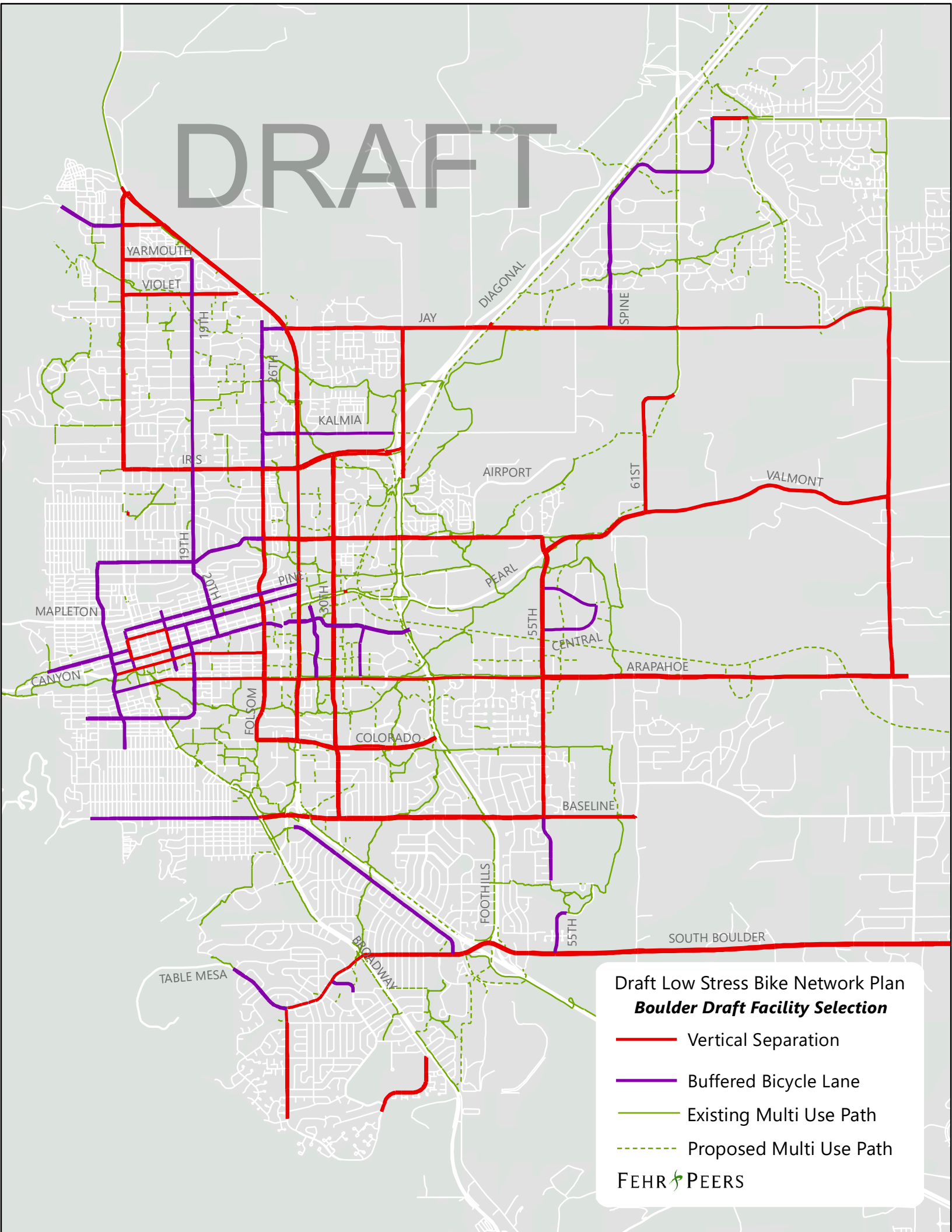


Draft Low Stress Bike Network Plan
Boulder Draft Facility Selection

- Neighborhood Greenway
- Existing Multi Use Path
- - - Proposed Multi Use Path

FEHR & PEERS

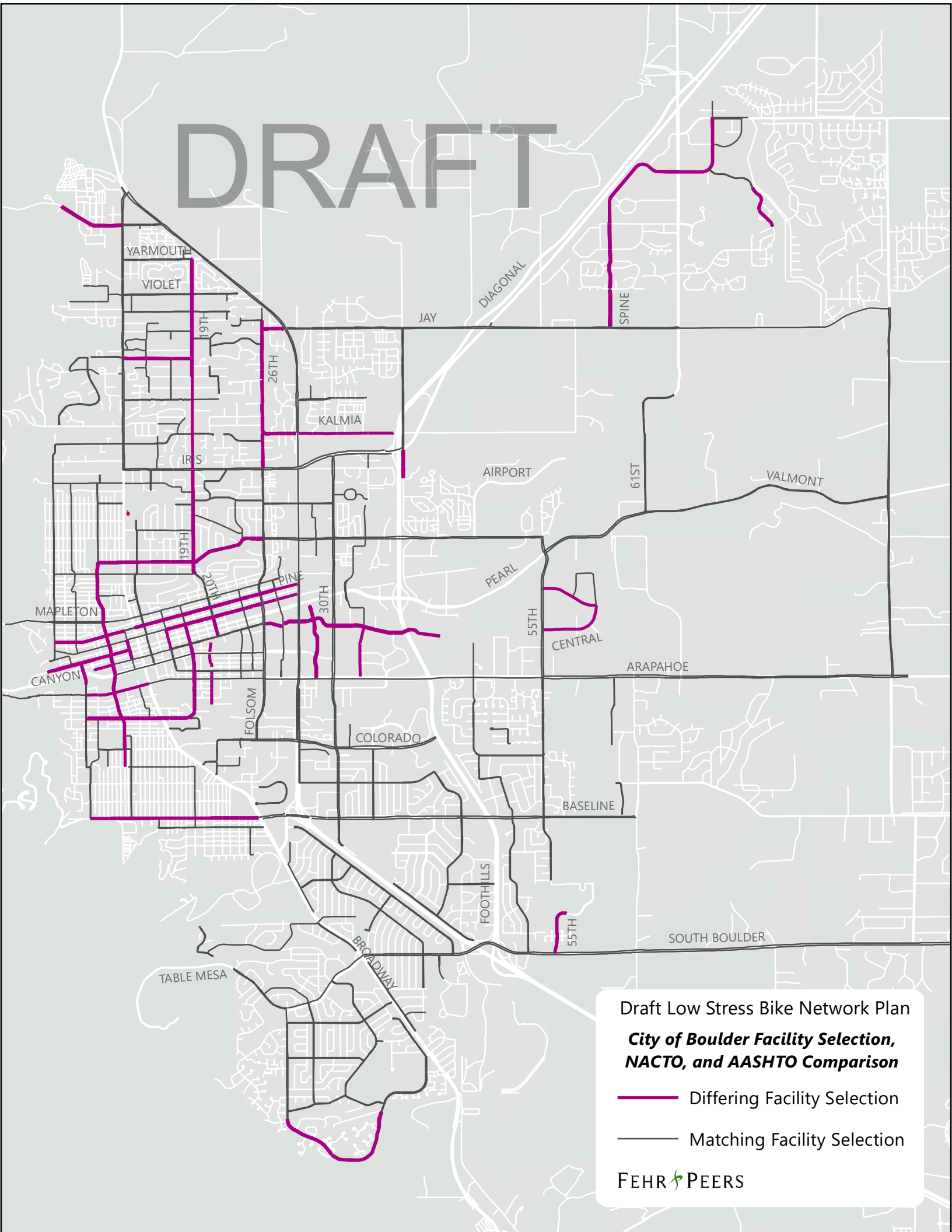
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Draft Low Stress Bike Network Plan
Boulder Draft Facility Selection



- Vertical Separation
- Buffered Bicycle Lane
- Existing Multi Use Path
- - - Proposed Multi Use Path

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Draft Low Stress Bike Network Plan

City of Boulder Facility Selection, NACTO, and AASHTO Comparison

-  Differing Facility Selection
-  Matching Facility Selection

NACTO and AASHTO Facility Selection

Speed Limit	ADT	Number of Lanes	NACTO	AASHTO	Examples
< 10	<=3000	<=2	NG	NG	
< 10	>=3000 and <=6000	<=2	NG	BBL	None
< 10	>6,000	<=2	NG	PBL	None
>= 10 and <=20	<=2000	<=2	NG	NG	
<= 25	<=1500	<=2	NG	NG	
<=25	>=1500 and <=3000	<=2	BBL	NG	26th between Jay and Kalmia Kalmia between 26th and Diagonal Highway 55th north of South Boulder Road
<=25	>=3000 and <=6000	<=2	BBL	BBL	
<=25	>6,000	<=2	PBL	PBL	
<=25	<=3000	>2	PBL	NG	None
<=25	>=3000 and <=6000	>2	PBL	BBL	None
<=25	>6,000	>2	PBL	PBL	
=30	<=3000	<=2	PBL	BBL	19th between Yarmouth and Violet Arapahoe between 6th and 9th
=30	>=3000 and <=6000	<=2	PBL	BBL	47th between Diagonal Highway and Mitchell 19th between Spruce and Walnut Spine between Gunbarrel and Jay
=30	<=3000	>2	PBL	BBL	None
=30	>=3000 and <=6000	>2	PBL	BBL	None
=30	>6,000	<=2 or >2 (any)	PBL	PBL	
>30	<=3000	<=2	PBL	PBL	
>30	>=3000 and <=6000	<=2	PBL	PBL	
>30	<=3000	>2	PBL	PBL	
>30	>=3000 and <=6000	>2	PBL	PBL	
>30	>6,000	<=2 or >2 (any)	PBL	PBL	

Note: Gray highlight indicates where NACTO and AASHTO facility selection guidelines yield different results.