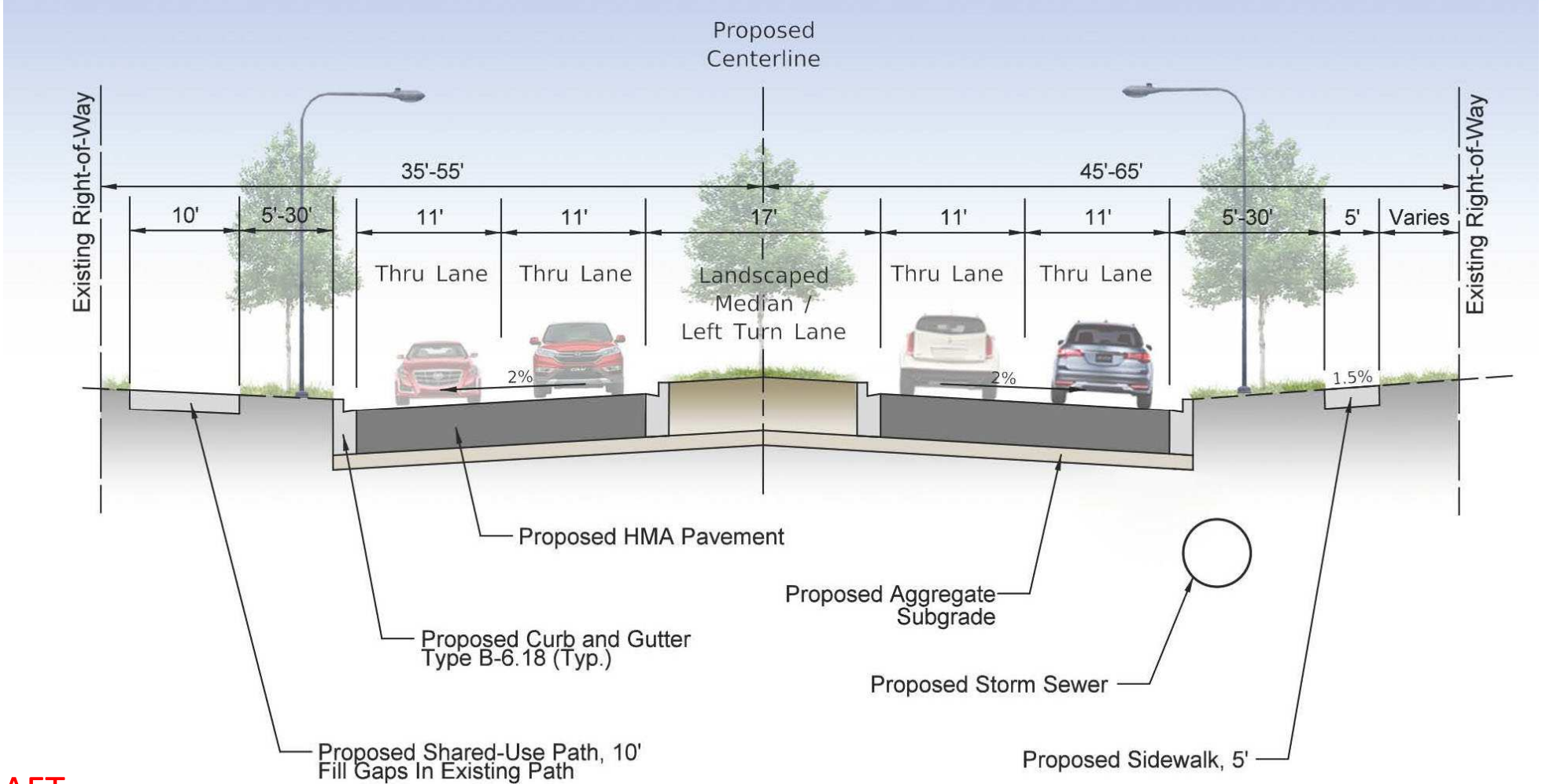


Potential Improvements

- **Alternative 1**
17-Foot Median With Symmetrical Widening
- **Alternative 2**
17-Foot Median With Asymmetrical Widening
- **Alternative 3**
12-Foot Median With Symmetrical Widening

Each alternative is a concept design. Upon selection of the Preferred Alternative, the final design will be further refined.

Alternative 1 – 17-Foot Median With Symmetrical Widening

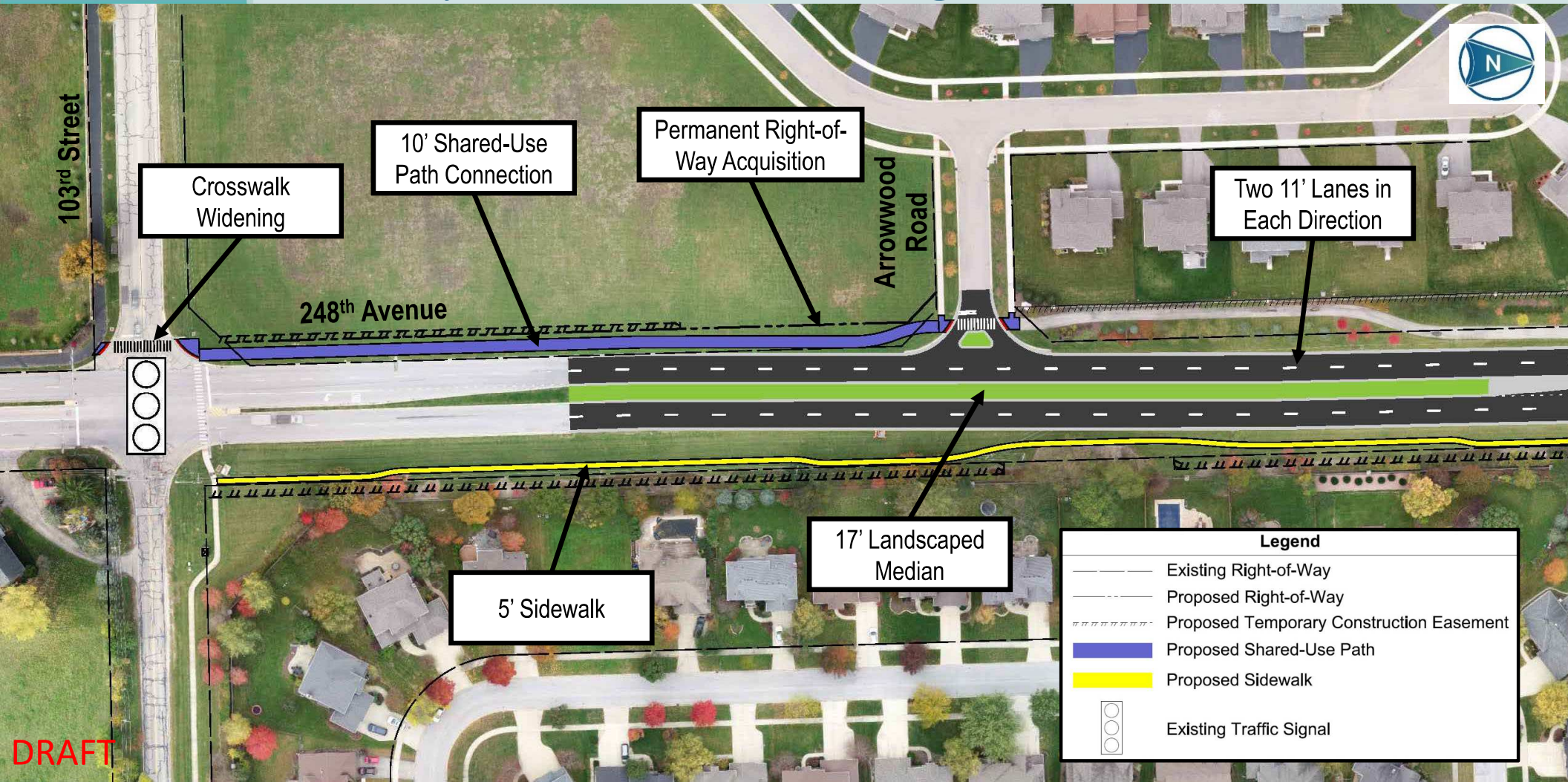


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248TH AVENUE

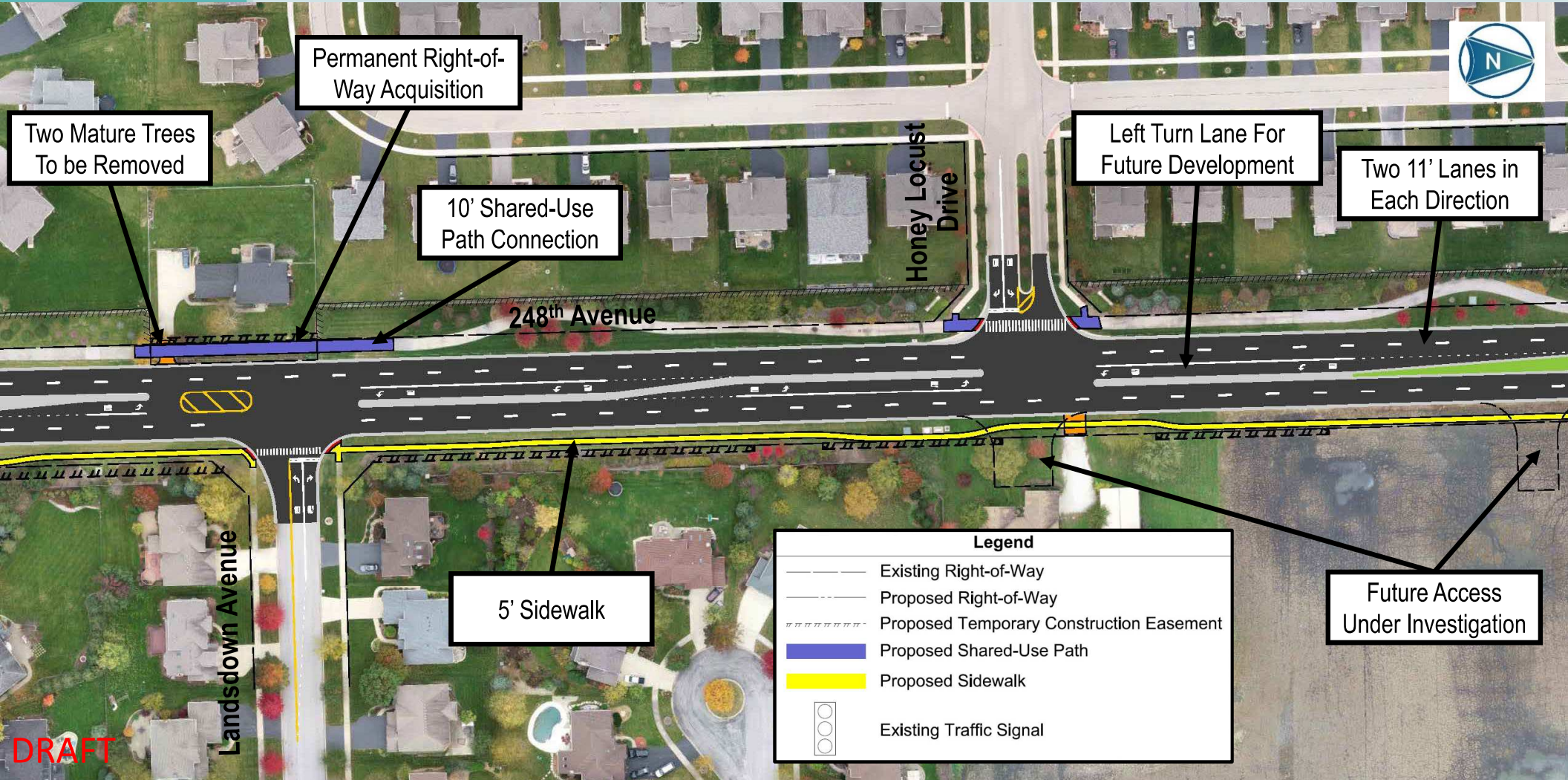
103RD STREET TO 95TH STREET
Phase I Study

Alternative 1 – 17-Foot Median With Symmetrical Widening



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Alternative 1 – 17-Foot Median With Symmetrical Widening



248TH AVENUE

103RD STREET TO 95TH STREET

Phase I Study

Alternative 1 – 17-Foot Median With Symmetrical Widening



Rectangular Rapid
Flashing Beacon
(RRFB)

10' Shared-Use
Path Realignment

Left Turn Lane

Two 11' Lanes in
Each Direction

248th Avenue

Investigate Pedestrian
Refuge Island –
Two Stage Crossing

Lapp Lane

5' Sidewalk

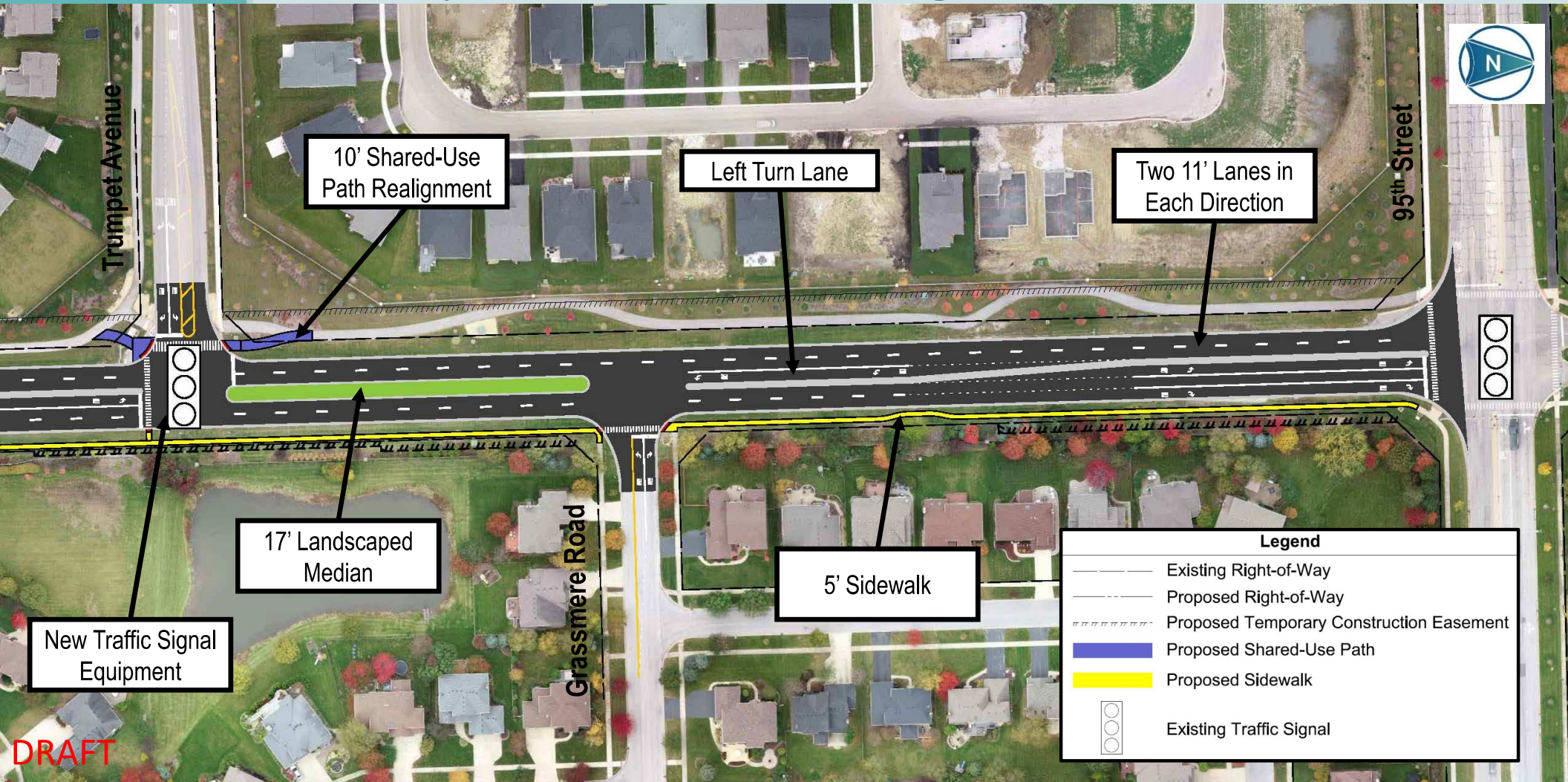
Legend	
	Existing Right-of-Way
	Proposed Right-of-Way
	Proposed Temporary Construction Easement
	Proposed Shared-Use Path
	Proposed Sidewalk
	Existing Traffic Signal

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Tall Grass
Greenway Trail

248TH AVENUE
103RD STREET TO 95TH STREET
Phase I Study

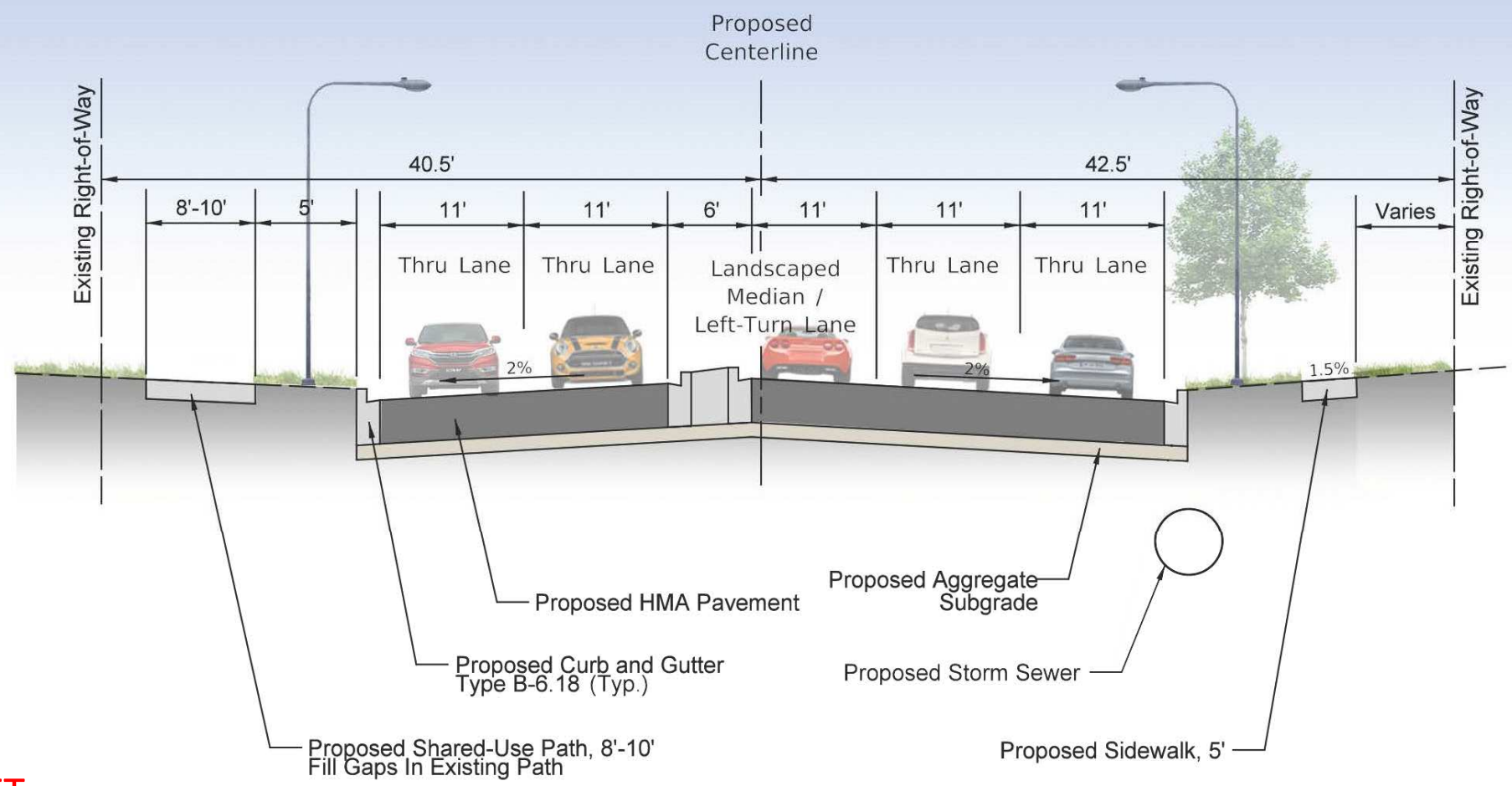
Alternative 1 – 17-Foot Median With Symmetrical Widening



Alternative 1 Characteristics

- Two 11-foot travel lanes in each direction
- 17-foot median
- Full shared-use path connection from 103rd Street to 95th Street
 - Two mature trees to be removed
- Requires new traffic signal equipment at Trumpet Avenue
- Side streets striped to provide left and right turn channelization
- Potential offset Tall Grass Greenway Trail Crossing and Rectangular Rapid Flashing Beacon (RRFB)
- 5-foot sidewalk on east side, minimizing landscaping impacts

Alternative 2 – 17-Foot Median With Horizontal Roadway Realignments



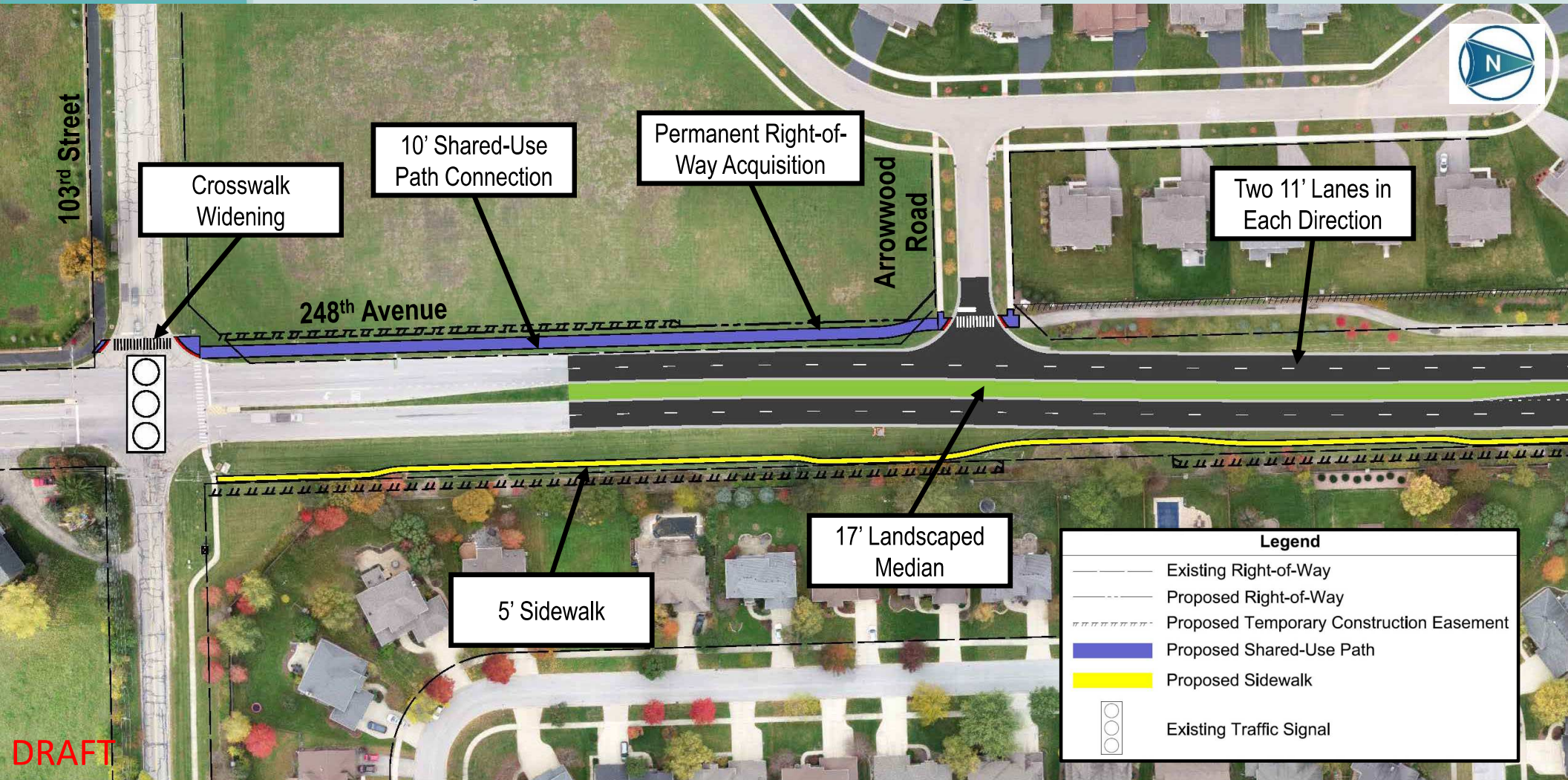
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248TH AVENUE

103RD STREET TO 95TH STREET

Phase I Study

Alternative 2 – 17-Foot Median With Asymmetrical Widening

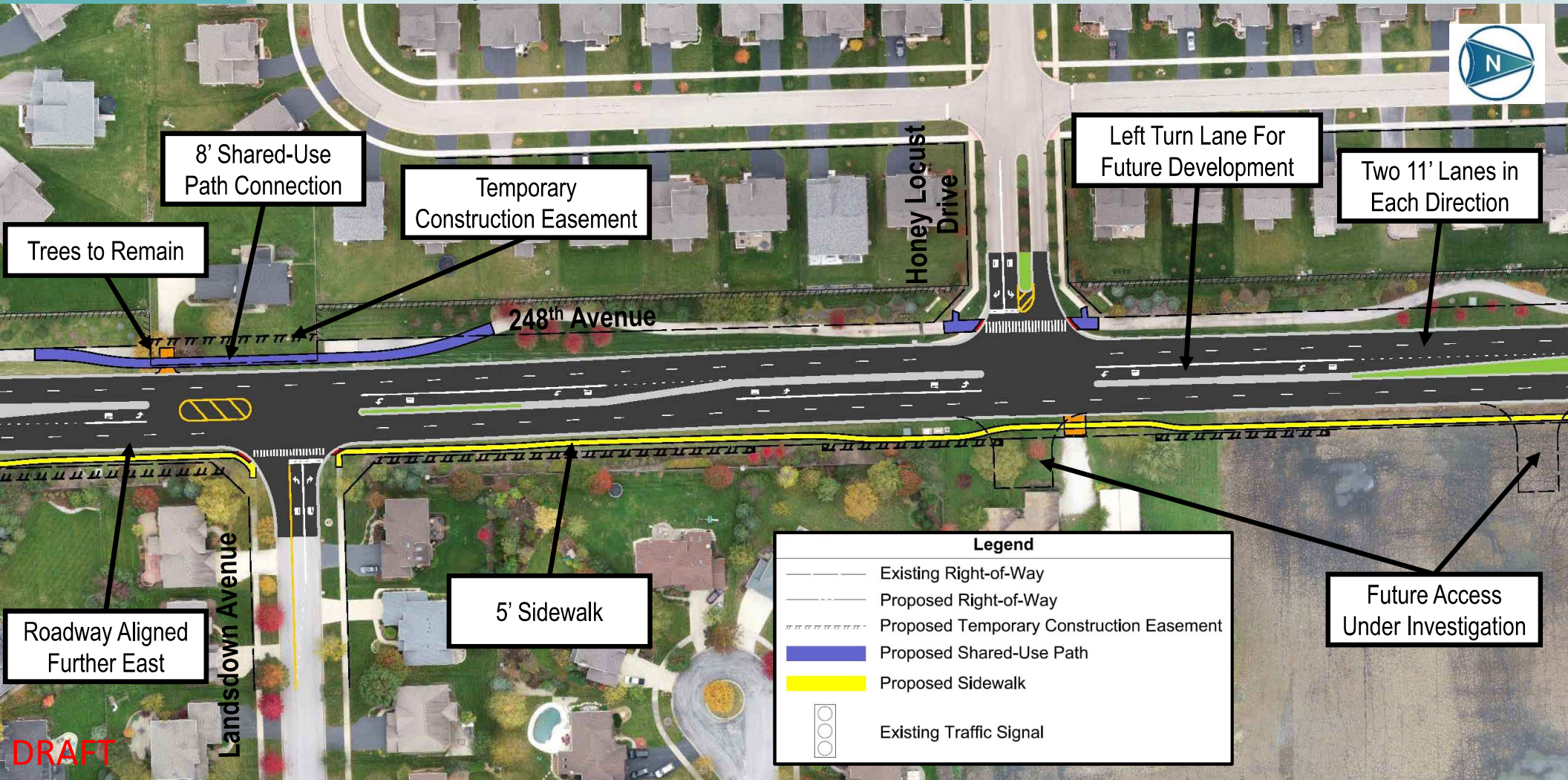


248TH AVENUE

103RD STREET TO 95TH STREET

Phase I Study

Alternative 2 – 17-Foot Median With Asymmetrical Widening

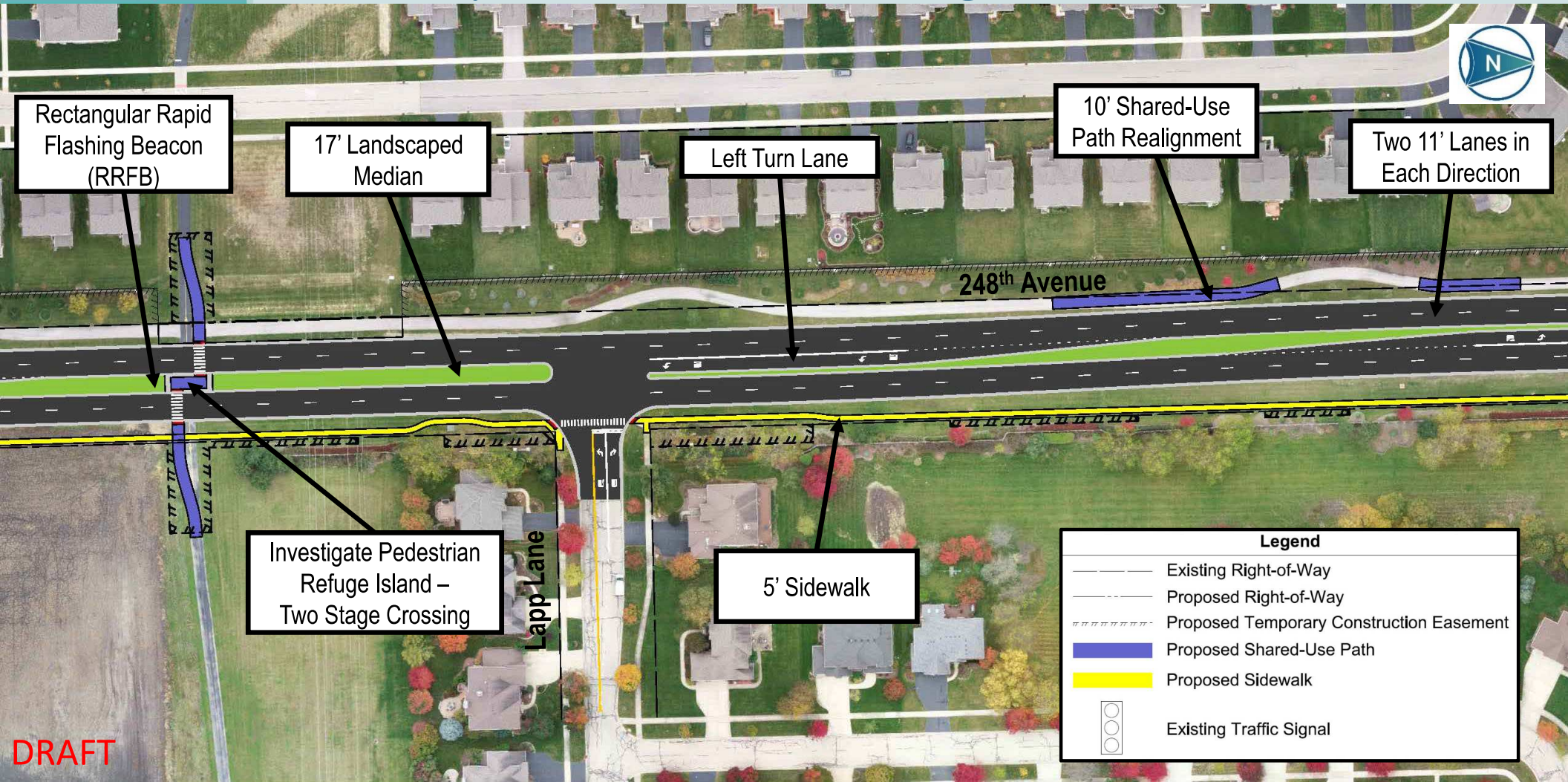


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103RD STREET TO 95TH STREET

Phase I Study

Alternative 2 – 17-Foot Median With Asymmetrical Widening



Rectangular Rapid Flashing Beacon (RRFB)

17' Landscaped Median

Left Turn Lane

10' Shared-Use Path Realignment

Two 11' Lanes in Each Direction

Investigate Pedestrian Refuge Island – Two Stage Crossing

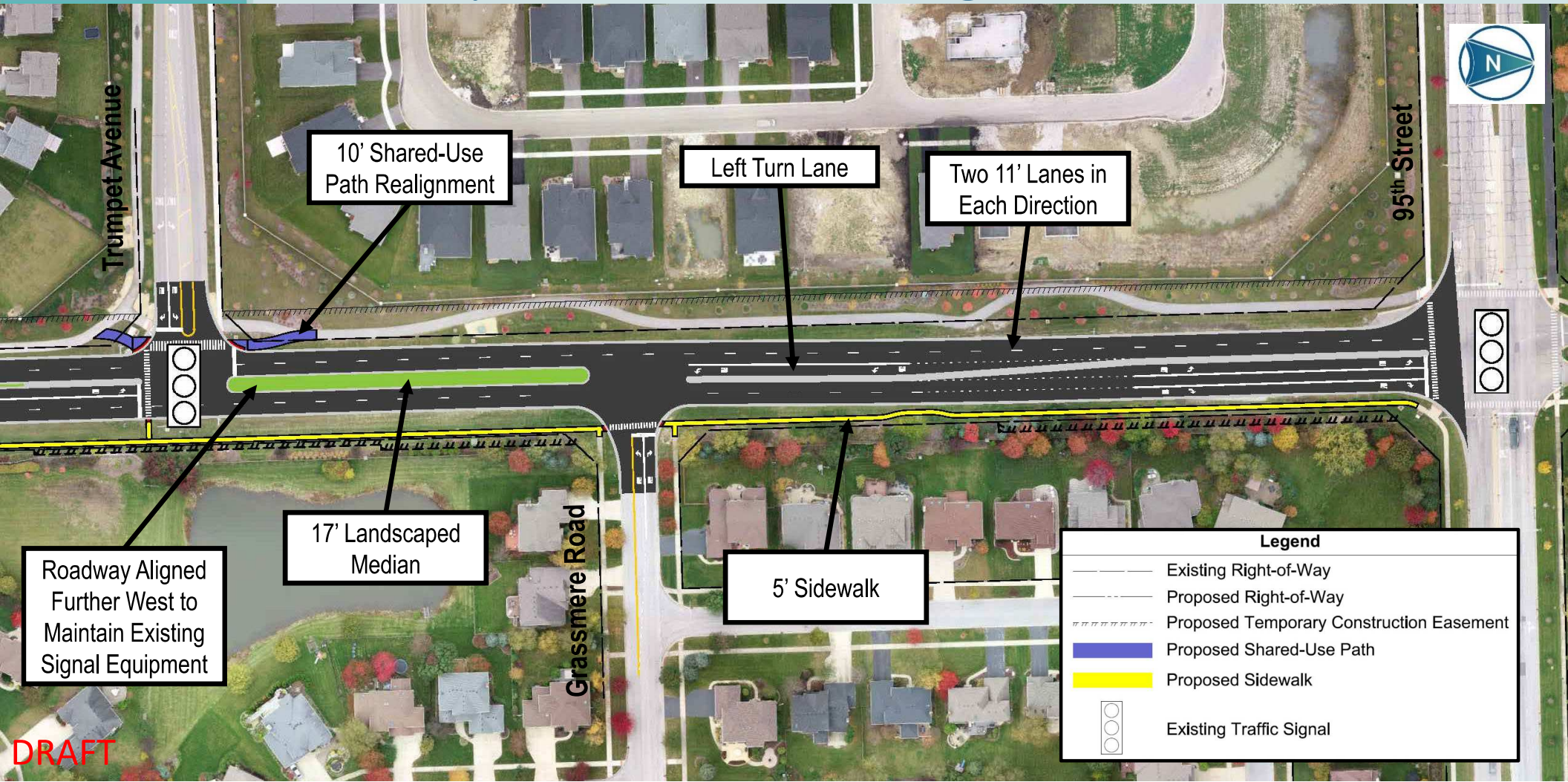
Lapp Lane

5' Sidewalk

Legend	
	Existing Right-of-Way
	Proposed Right-of-Way
	Proposed Temporary Construction Easement
	Proposed Shared-Use Path
	Proposed Sidewalk
	Existing Traffic Signal

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Alternative 2 – 17-Foot Median With Asymmetrical Widening



10' Shared-Use Path Realignment

Left Turn Lane

Two 11' Lanes in Each Direction

17' Landscaped Median

5' Sidewalk

Roadway Aligned Further West to Maintain Existing Signal Equipment

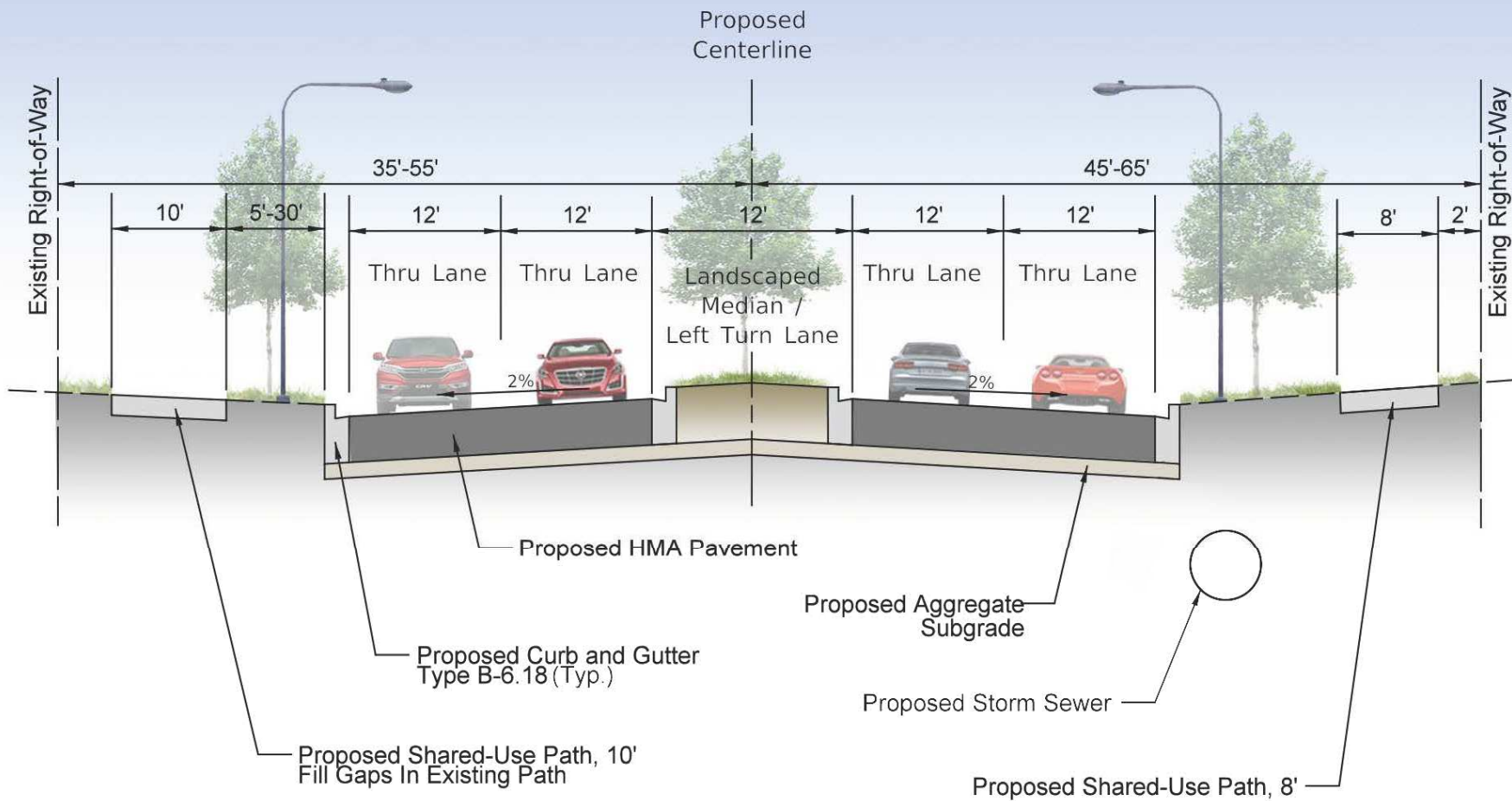
Legend	
	Existing Right-of-Way
	Proposed Right-of-Way
	Proposed Temporary Construction Easement
	Proposed Shared-Use Path
	Proposed Sidewalk
	Existing Traffic Signal

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Alternative 2 Characteristics

- Two 11-foot travel lanes in each direction
- 17-foot median
- Roadway alignment adjusted near Landsdown Avenue
 - Avoid mature trees
 - Reduce right-of-way acquisition
- Full shared-use path connection from 103rd Street to 95th Street
- Roadway alignment adjusted at Trumpet Avenue to avoid signal equipment
- Side streets striped to provide left and right turn channelization
- Potential offset Tall Grass Greenway Trail Crossing and Rectangular Rapid Flashing Beacon (RRFB)
- 5-foot sidewalk on east side, minimizing landscaping impacts

Alternative 3 – 12-Foot Median With Symmetrical Widening



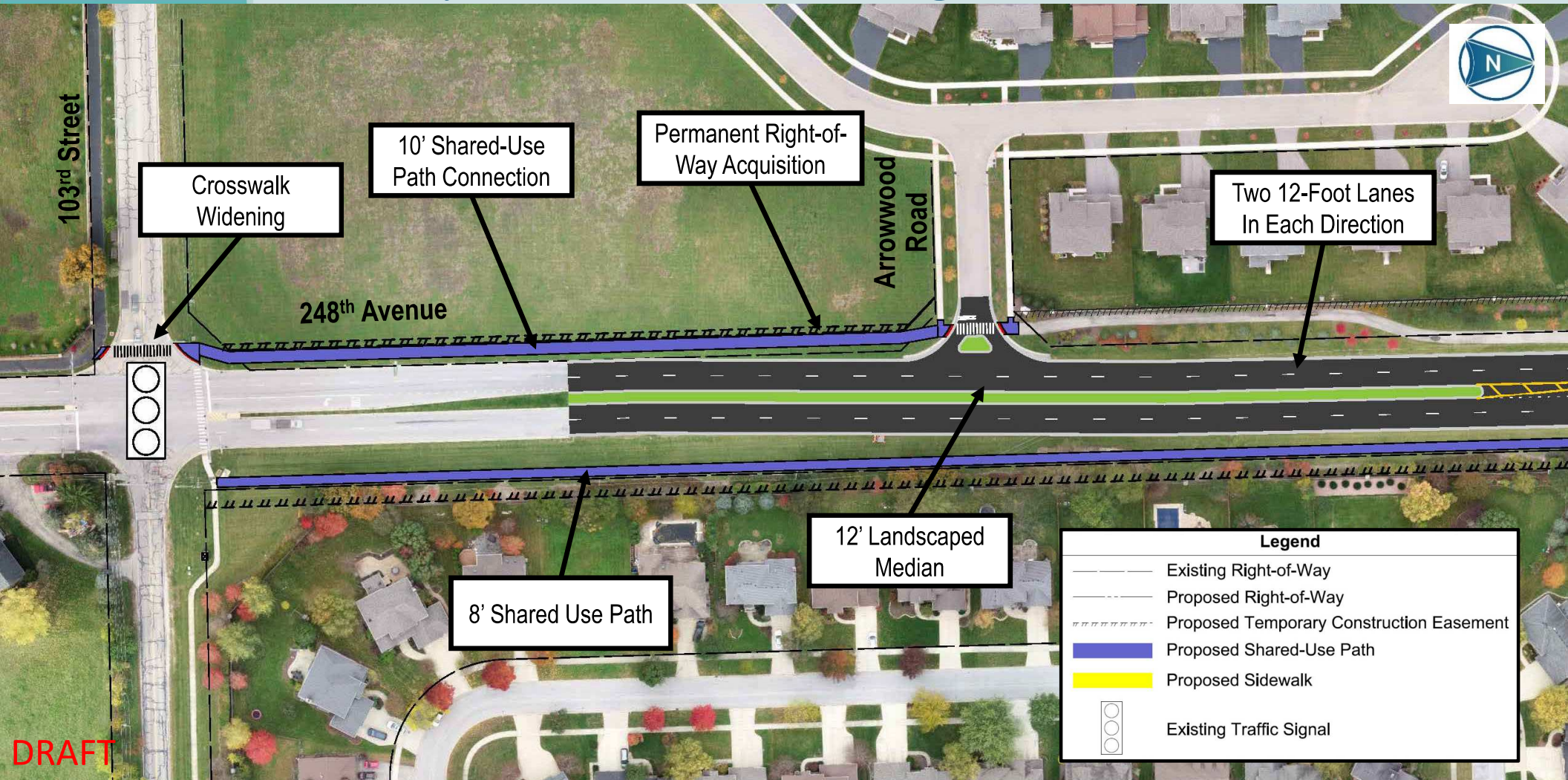
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248TH AVENUE

103RD STREET TO 95TH STREET

Phase I Study

Alternative 3 – 12-Foot Median With Symmetrical Widening



248TH AVENUE

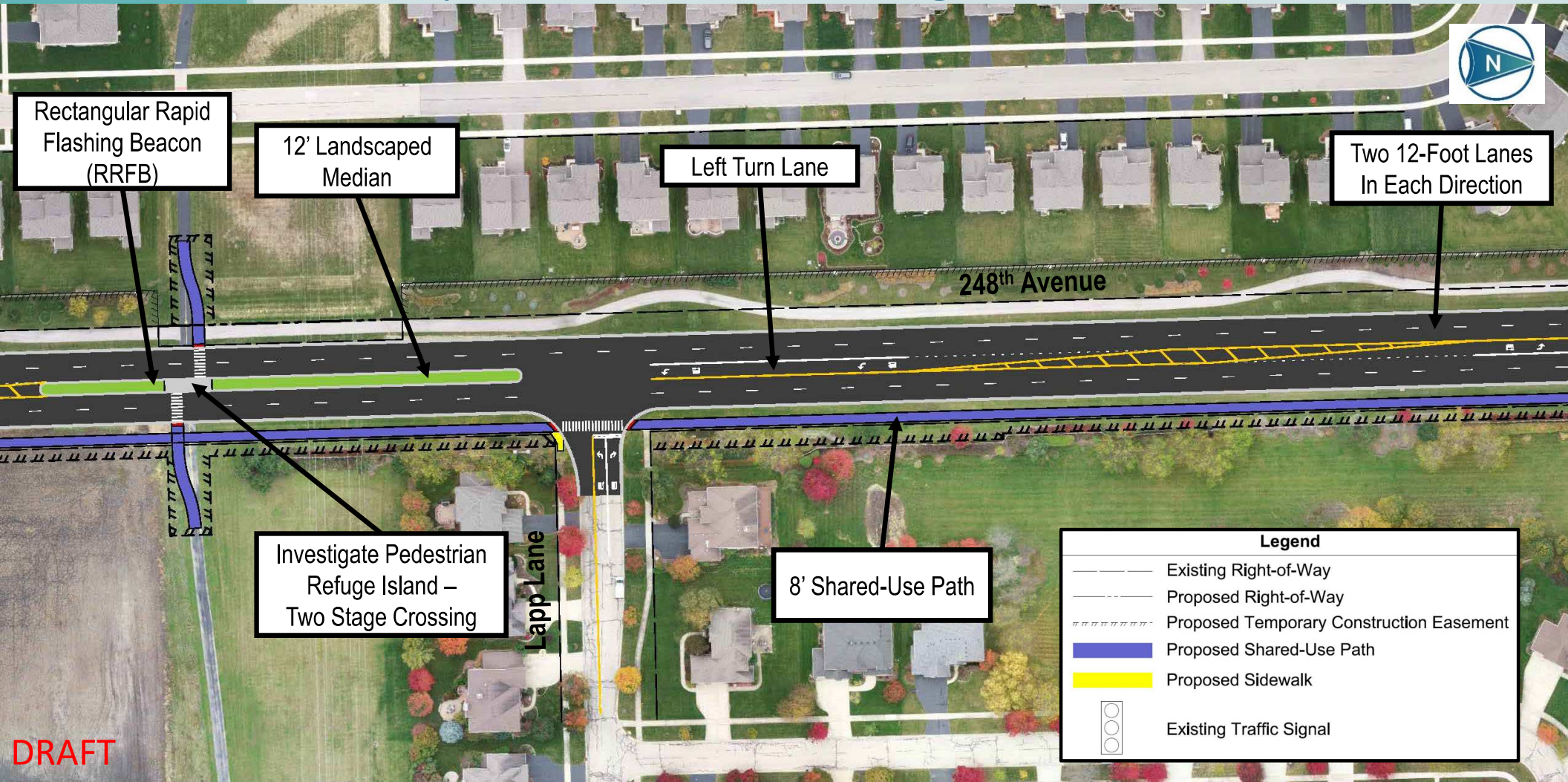
103RD STREET TO 95TH STREET

Phase I Study

Alternative 3 – 12-Foot Median With Symmetrical Widening



Alternative 3 – 12-Foot Median With Symmetrical Widening



Legend	
	Existing Right-of-Way
	Proposed Right-of-Way
	Proposed Temporary Construction Easement
	Proposed Shared-Use Path
	Proposed Sidewalk
	Existing Traffic Signal

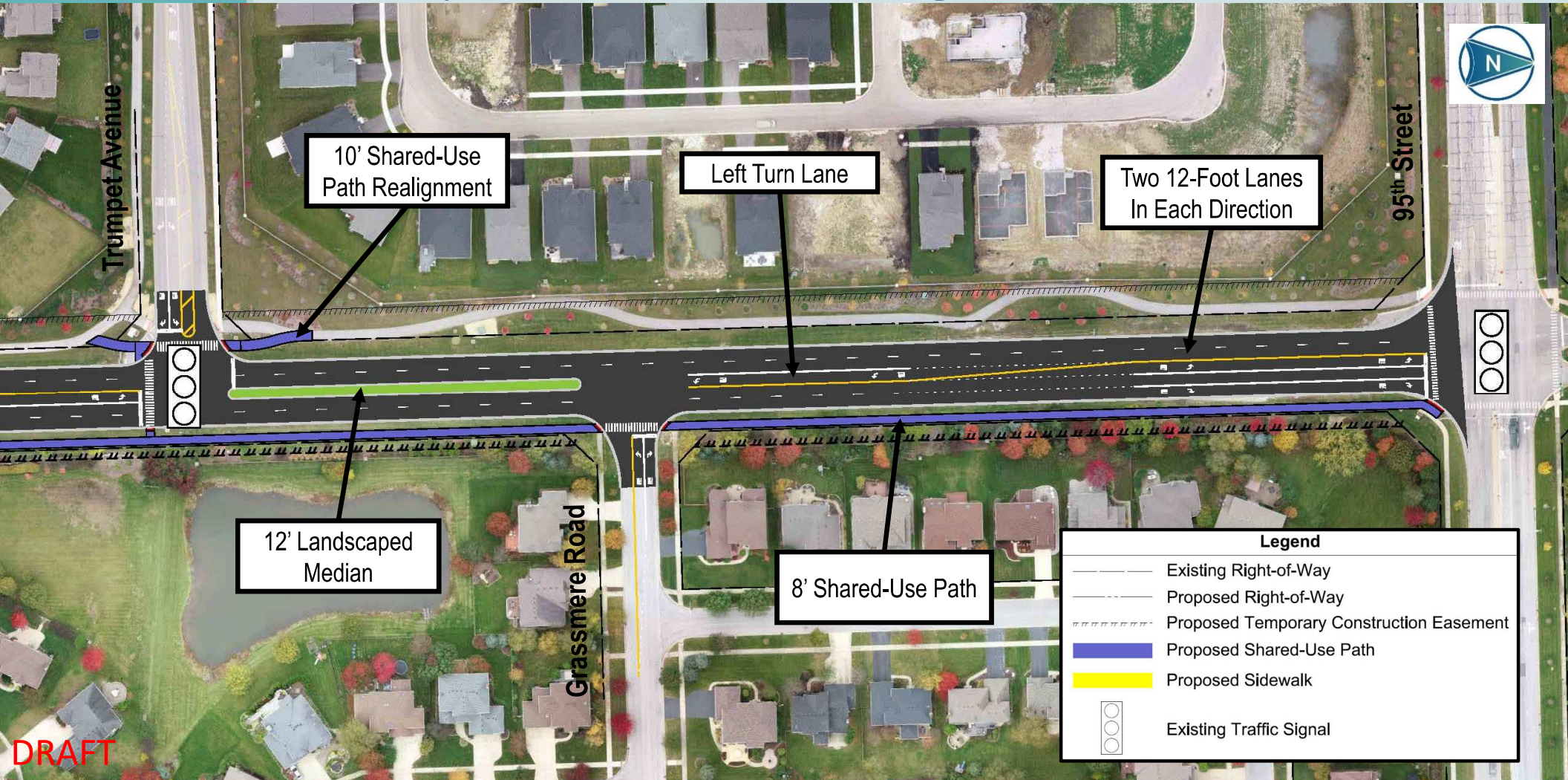
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248TH AVENUE

103RD STREET TO 95TH STREET

Phase I Study

Alternative 3 – 12-Foot Median With Symmetrical Widening



Alternative 3 Characteristics

- Two 12-foot travel lanes in each direction
- 12-foot median
- Full shared-use path connection from 103rd Street to 95th Street
 - Two mature trees to be removed
- Side streets striped to provide left and right turn channelization
- Provide offset Tall Grass Greenway Trail Crossing and Rectangular Rapid Flashing Beacon (RRFB)
- 8-foot shared-use path on east side
- Landscaping impacts within right-of-way

Alternative Comparison

Alternative Comparison			
	Alternative 1	Alternative 2	Alternative 3
Lane Width (ft)	11'	11'	12'
Median Width (ft)	17'	17'	12'
Right-of-Way Impacts (Acre)	1.2	1.2	1.9
Impacts to Existing Traffic Signal Equipment	Yes	No	No
Landscaping Impacts Within Right-of-Way	Minimal	Minimal	Yes