



SR 29 LaBelle Bypass Feasibility Study

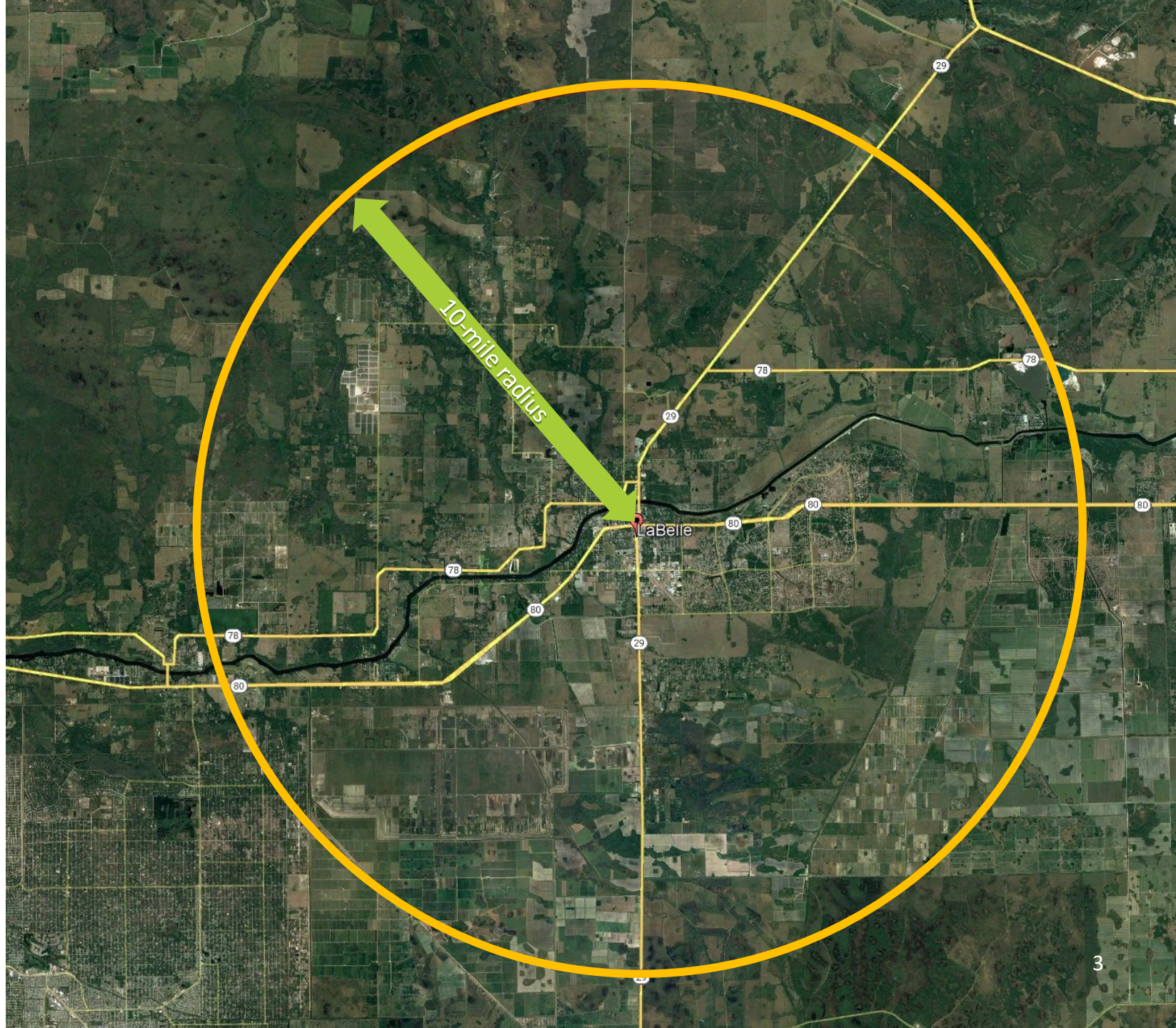
May 7, 2025
Stakeholder Meeting

Outline of Today's Presentation

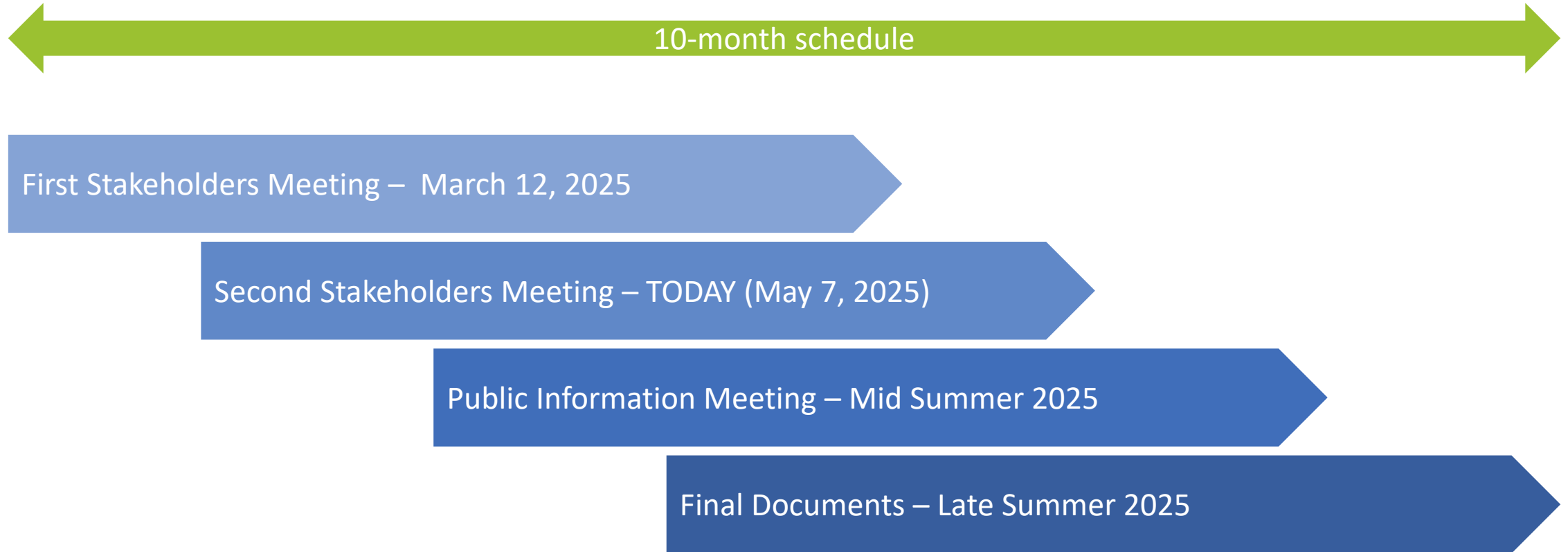
- Scope of Work
- Schedule
- Methodology
 - Tier 1 – Initial Feasibility Screening
 - Tier 2 – Engineering Feasibility Screening
 - Tier 3 – Viable Corridor Alternatives

Scope of Work

- Evaluate the feasibility of an alternative corridor for S.R. 29 which would bypass the City of LaBelle
- 10-mile radius limit
- Will Include:
 - Existing Conditions Analysis
 - Alternatives Evaluation
 - Stakeholder Coordination



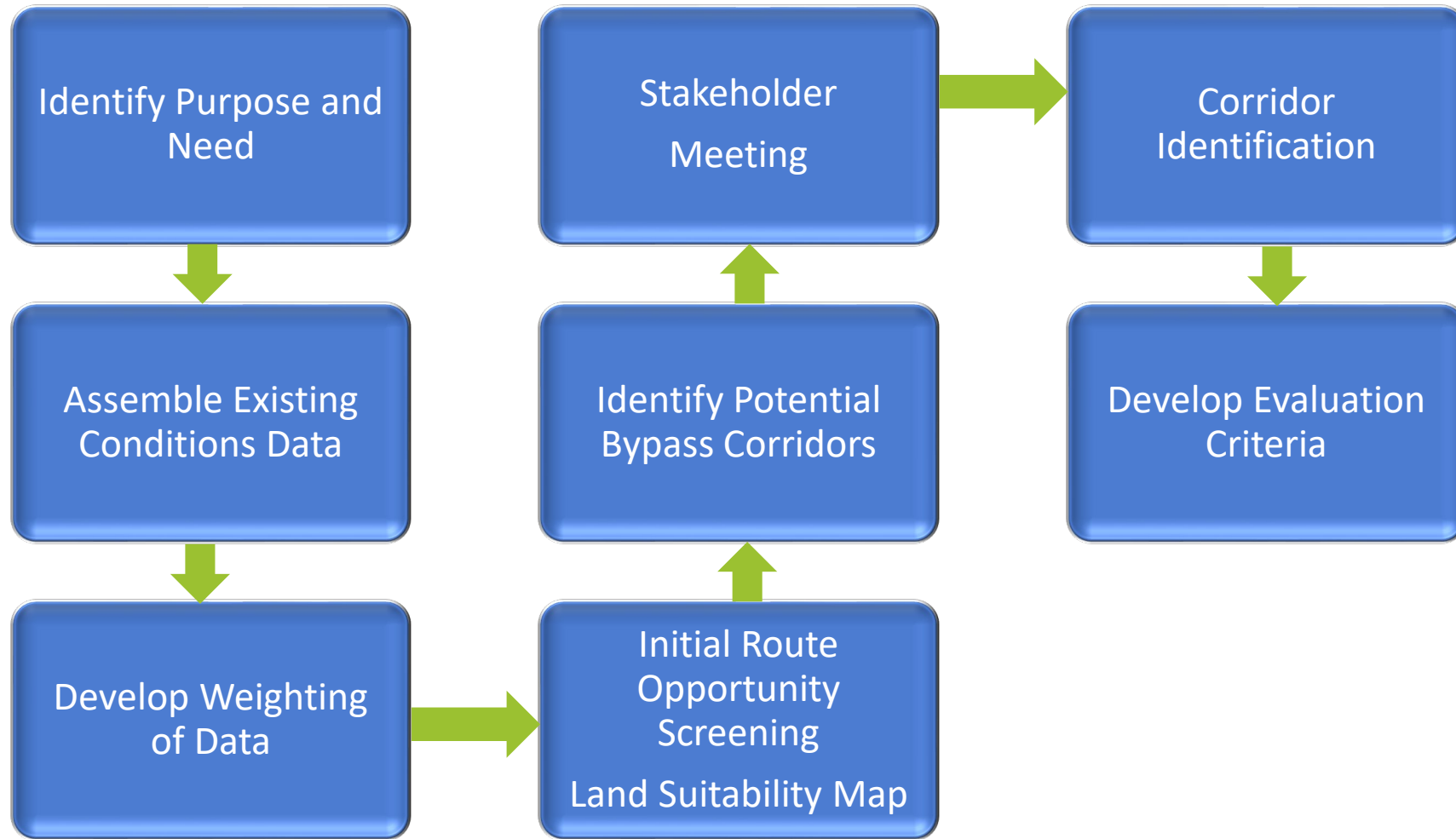
Schedule



Outline of Today's Presentation

- Scope of Work
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 - Tier 1 – Initial Feasibility Screening
 - Tier 2 – Engineering Feasibility Screening
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Tier 1 – Initial Feasibility Screening



Tier 1 – Initial Feasibility Screening

Purpose and Need

To explore the feasibility of a bypass that will provide an additional north-south corridor to enhance mobility, reroute heavy traffic, and increase accessibility on the regional roadway network while avoiding and minimizing impacts on the social, economic, cultural, natural, and physical environment.

Tier 1 – Initial Feasibility Screening

Develop Weighting of Data

Disclaimer: This list was refined after the 5/7/2025 stakeholder meeting to more clearly reflect the data weighted and the intent

Land Use

- *Level 0 (no constraint)* - 100% Transparency = Vacant, Mixed Use/PUD/PD, State/County Right of Way
- *Level 1 (low constraint)* - 80% Transparency = Agricultural, Commercial, Industrial, Residential (constraint increases with density – see Sociocultural)
- *Level 2 (medium constraint)* - 60% Transparency = Institutional
- *Level 3 (high constraint)* - 40% Transparency = Conservation/Preservation Lands (Not Including Easements or Section 4(f)), Water Management Districts, Churches, Schools, Utilities
- *Level 99 (critical constraint)* - 0% Transparency = Conservation Easements, Cemeteries, Cultural Sites, Parks

Environmental

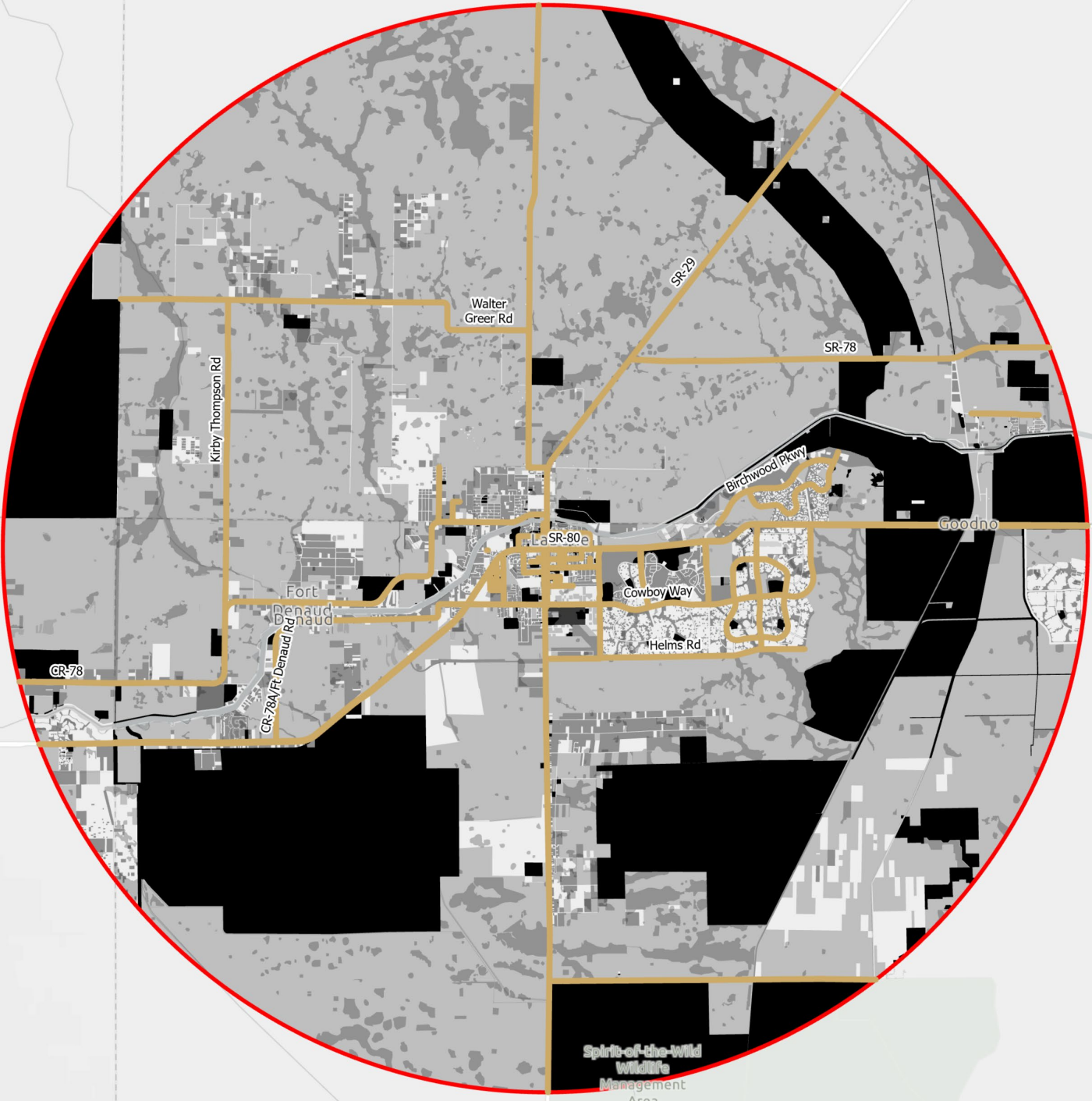
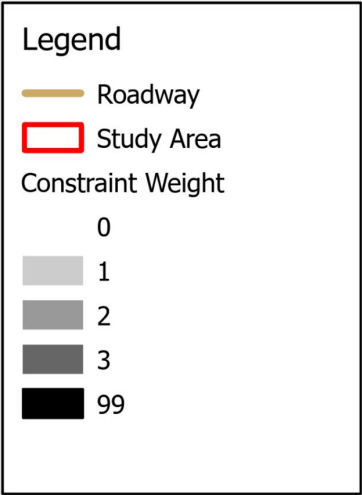
- *Level 1* – Surface Waters, Ineligible NRHP Historical Resources, FDEP Waste/Wastewater Sites
- *Level 2* - Wetlands
- *Level 99* – Eligible NRHP Historical Resources, Conservation/Preservation Lands (Easements and Section 4(f))

Sociocultural

- *Level 1* - Religious Facilities, Low Constraint Health Care Centers
- *Level 2* - Medium Density Residential Communities, Medium Constraint Health Care Centers
- *Level 3* – High Density Residential Communities, Schools



Tier 1 – Initial
Feasibility Screening
Land Suitability
Map



Tier 1 – Initial Feasibility Screening

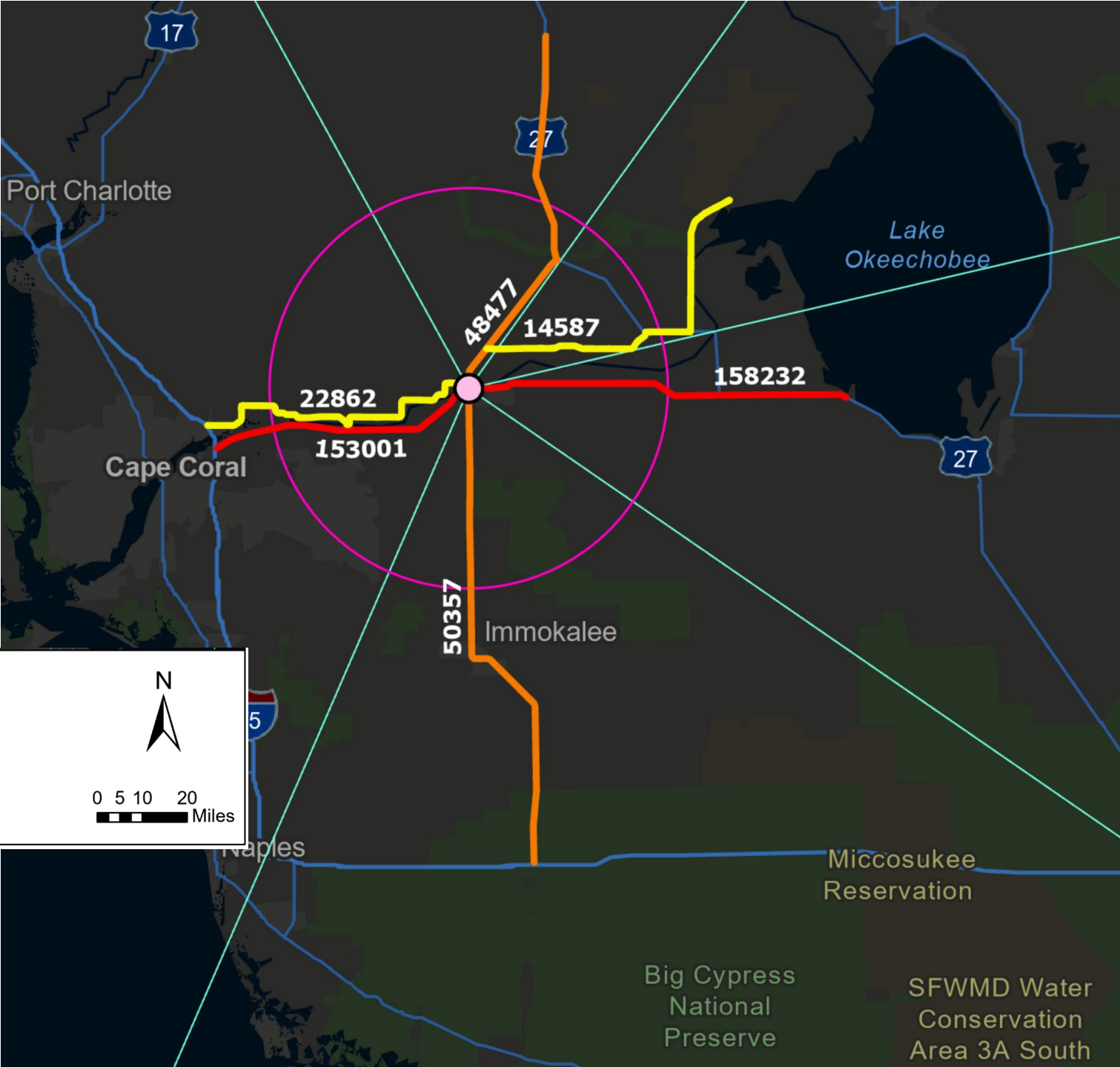
Origins and Destinations

Disclaimer: The map is a general representation of all vehicle movements during an entire week from Monday through Sunday in 2023.

*A correction to the Stakeholders’ meeting held on 5/7/2025 in LaBelle.

Total Vehicles To/From LaBelle Area

Trips Count	Studied Area
15000 - 30000	18 miles Radius from LaBelle
30001 - 100000	LaBelle
100000 - 180000	



Tier 1 – Initial Feasibility Screening Potential Bypass Corridors

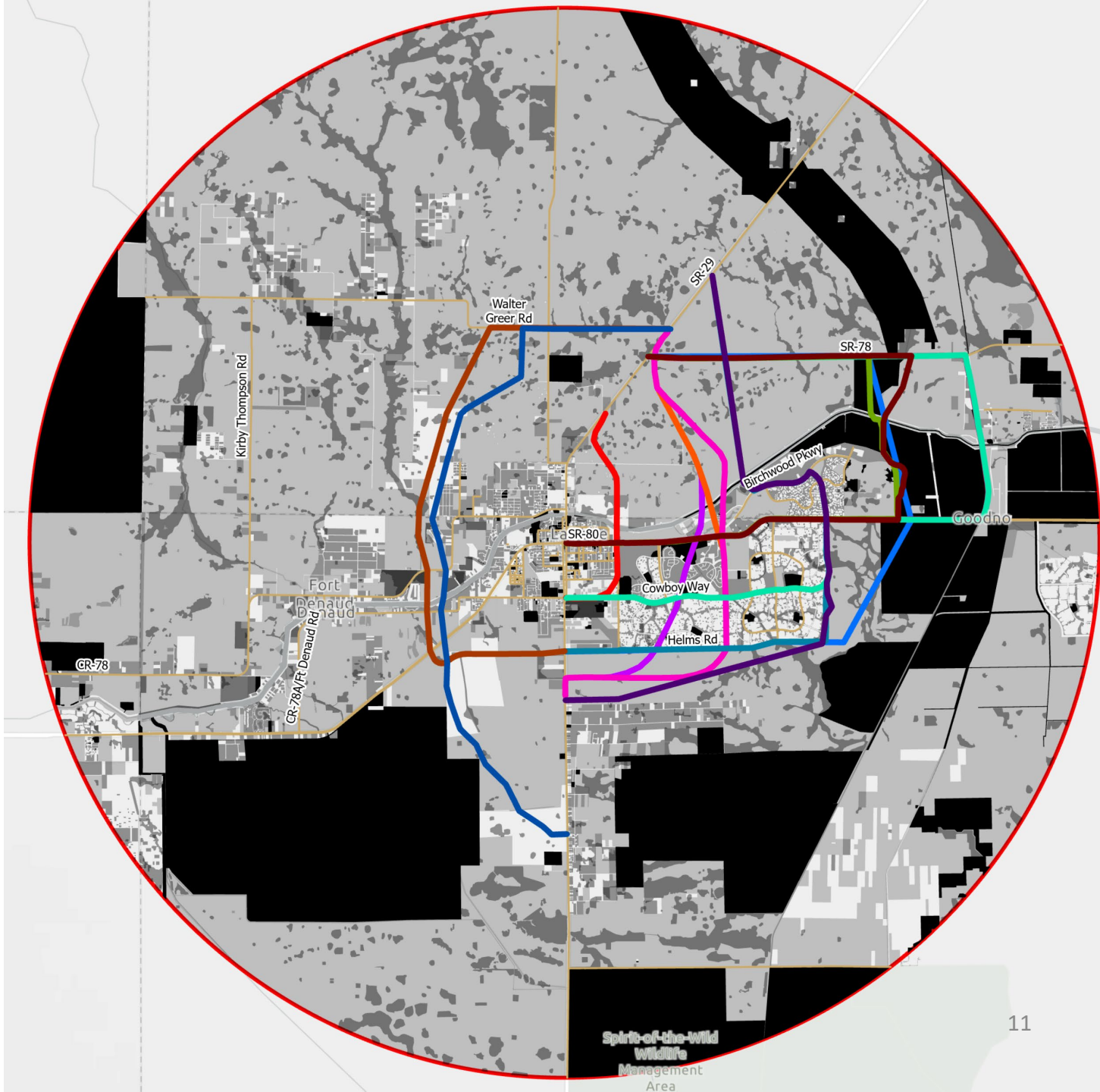


All Paths

- Least-Constraint Path 1
- Least-Constraint Path 2
- PD&E Option 5, 6
- PD&E Option 5A
- PD&E Option 5B
- PD&E Option 3A, 3B, 3C, 4
- Stakeholders Option 1
- Stakeholders Option 2
- Stakeholders Option 3
- Second Bridge Option 1
- Second Bridge Option 1B
- Second Bridge Option 2
- Second Bridge Option 3
- Study Area
- Roadway

Constraint

- 0
- 1
- 2
- 3
- 99



Tier 1 – Initial Feasibility Screening Potential Bypass Corridors



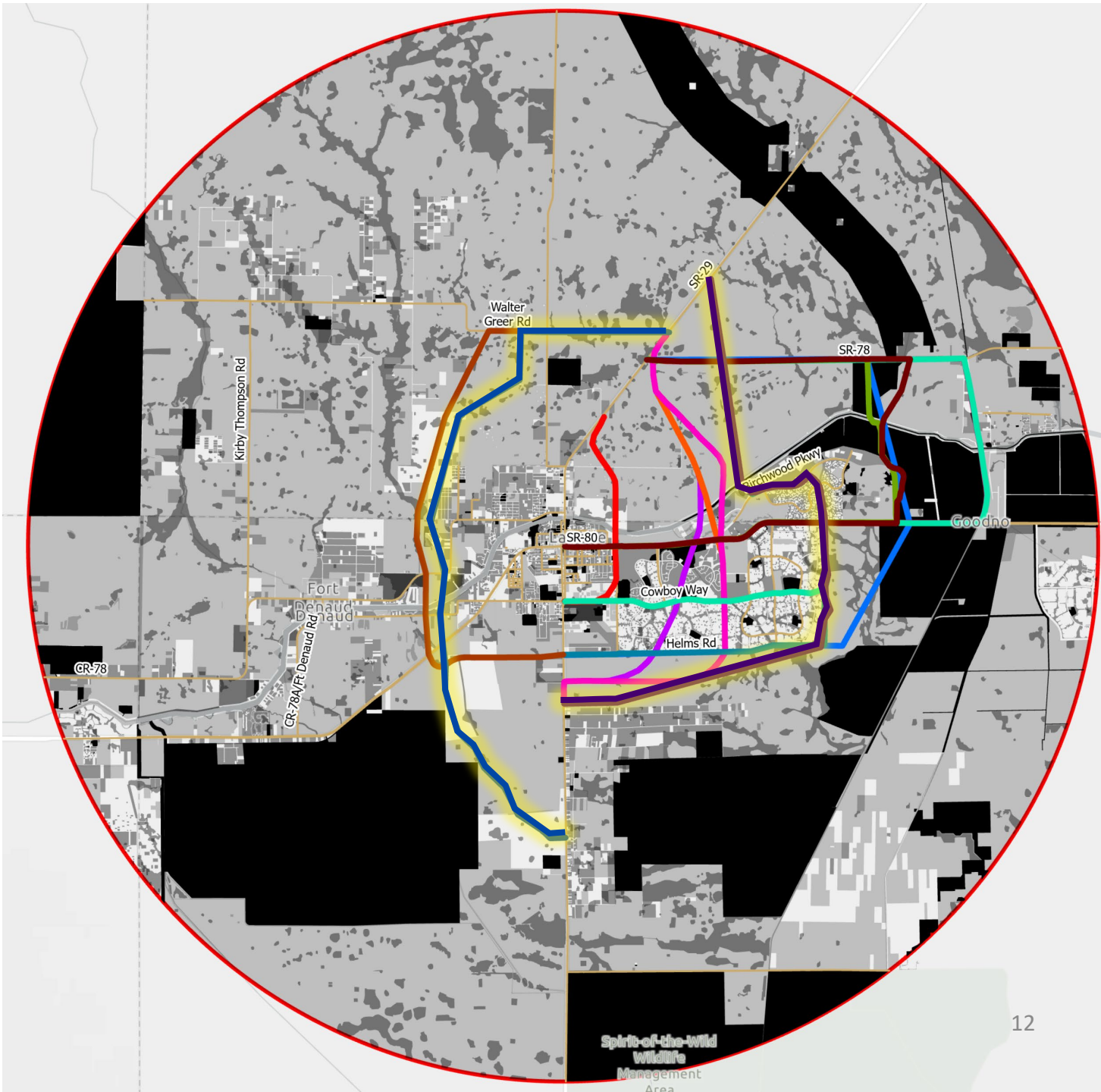
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Tier 1 – Initial Feasibility Screening Potential Bypass Corridors



All Paths

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PD&E Option 5, 6

PD&E Option 5A

PD&E Option 5B

PD&E Option 3A, 3B, 3C, 4

Stakeholders Option 1

Stakeholders Option 2

Stakeholders Option 3

Second Bridge Option 1

Second Bridge Option 1B

Second Bridge Option 2

Second Bridge Option 3

Study Area

Roadway

Constraint

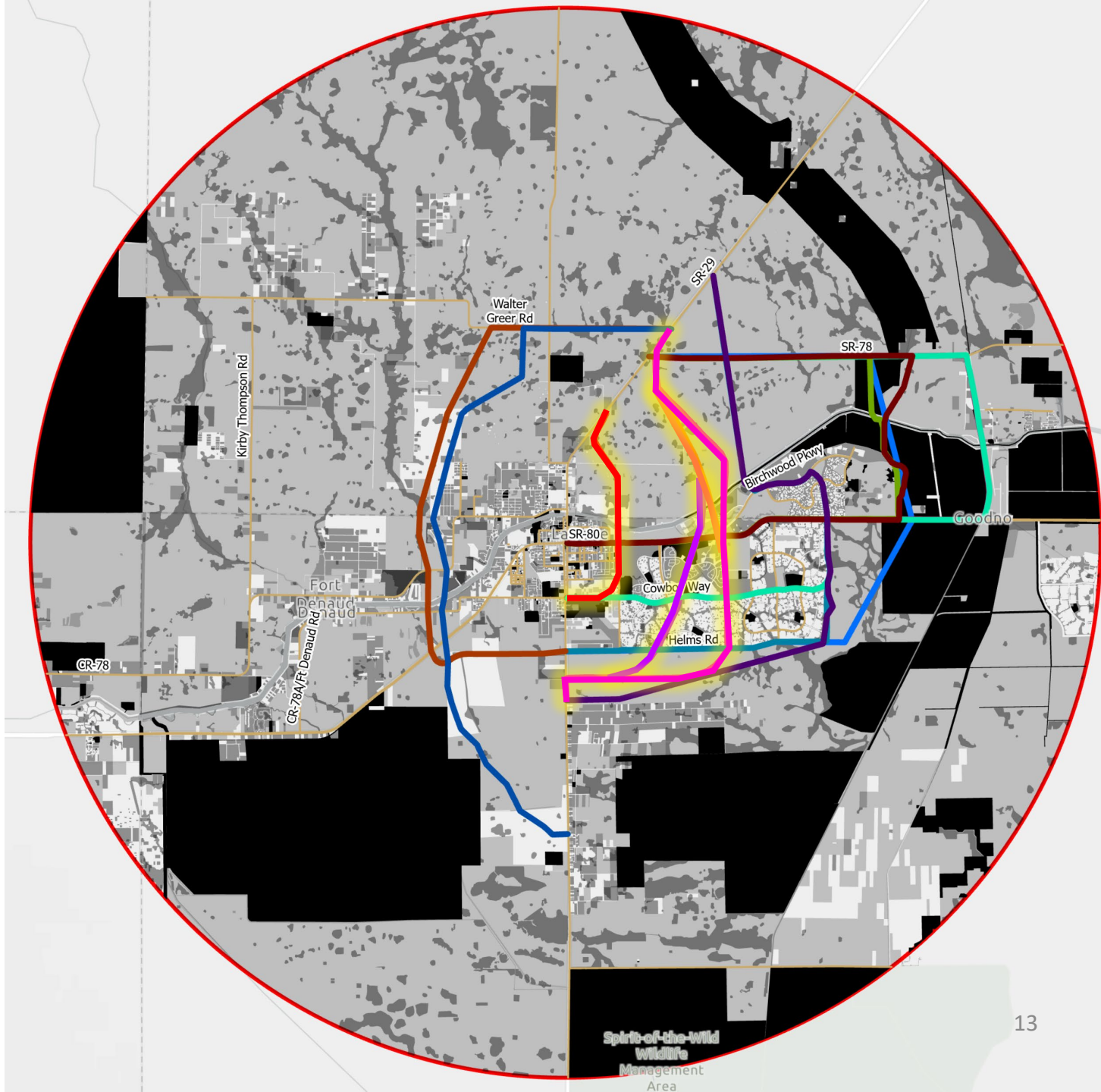
0

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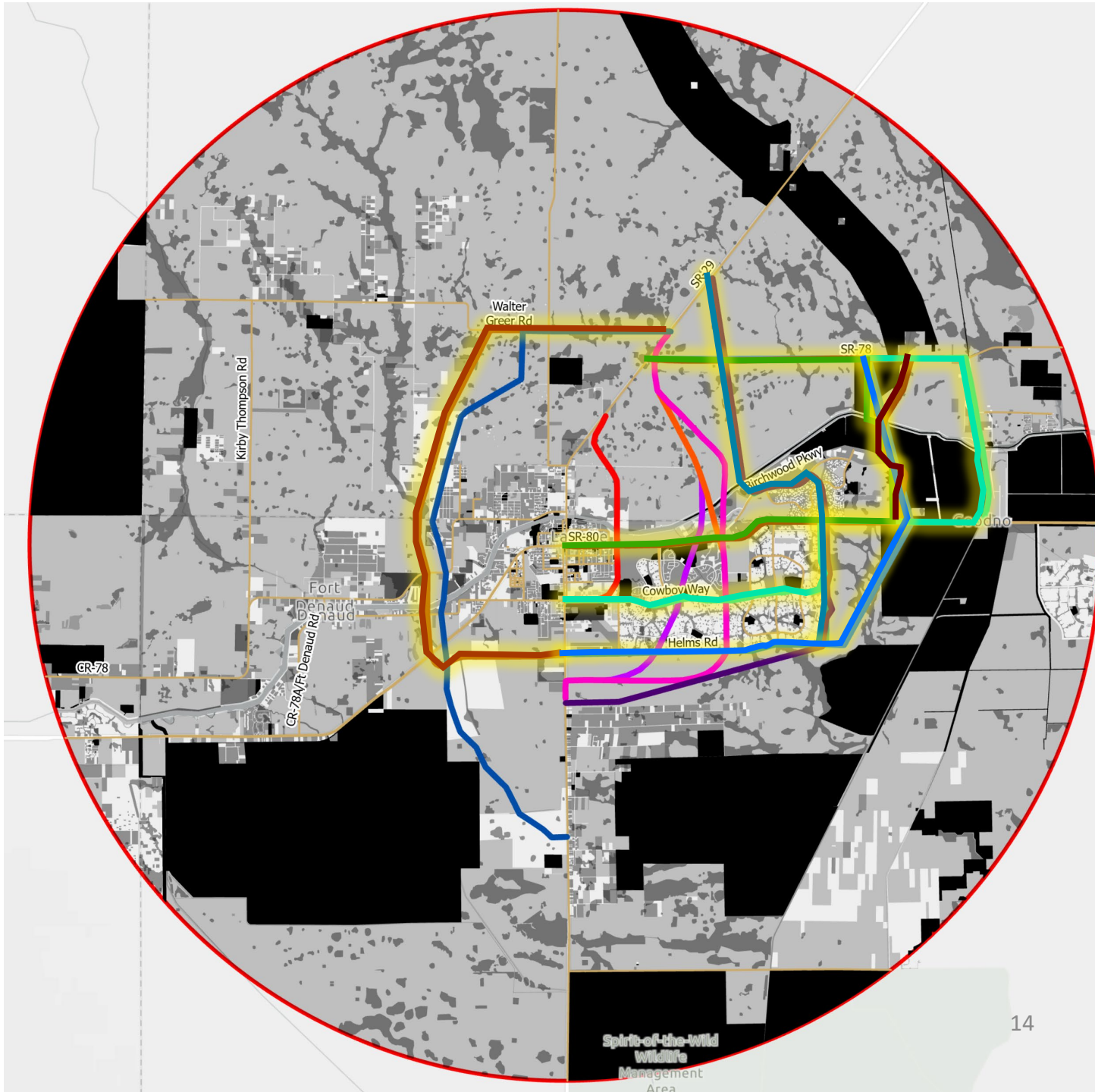
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Study Area

Roadway

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Tier 1 – Initial Feasibility Screening Potential Bypass Corridors

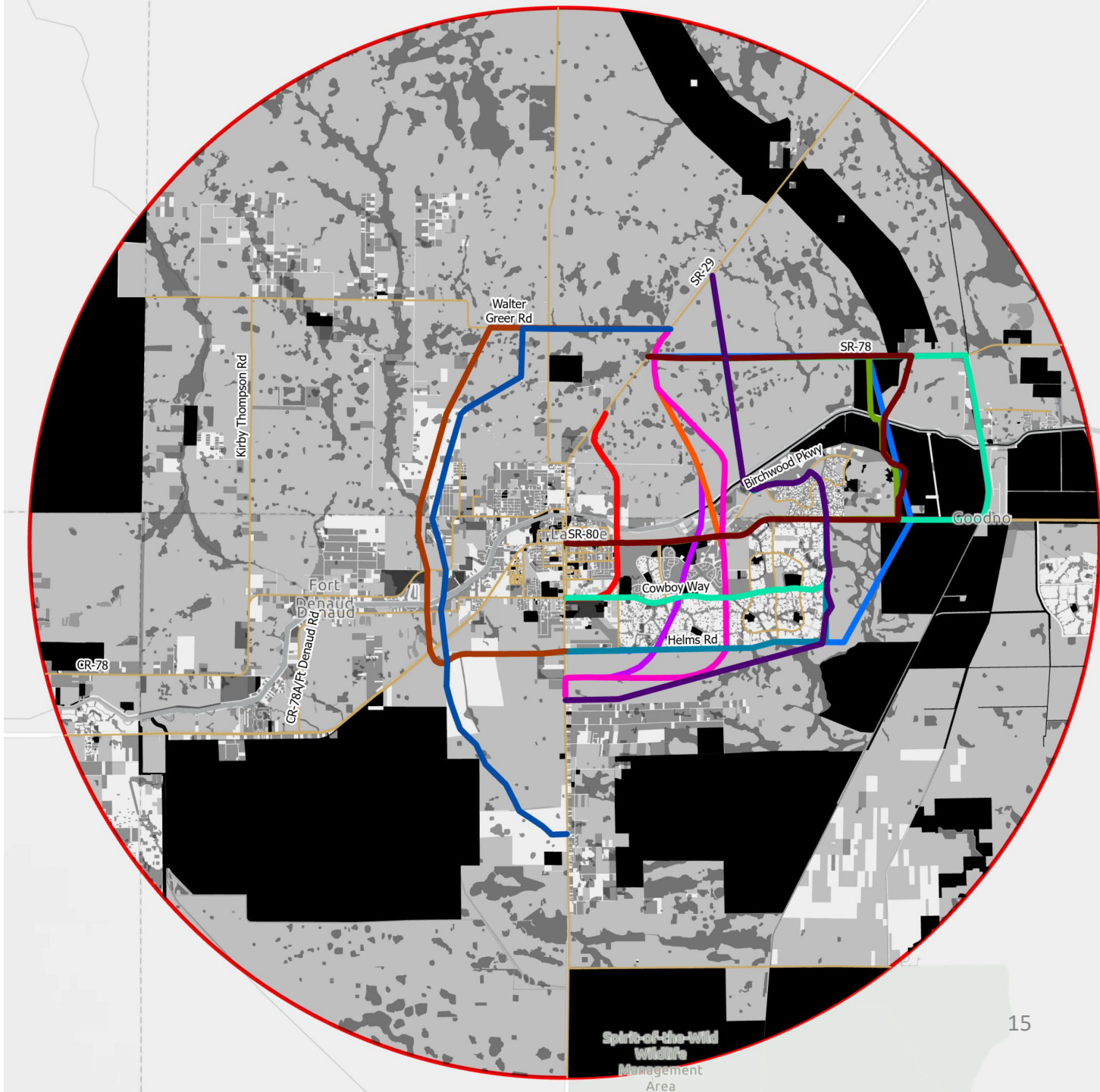


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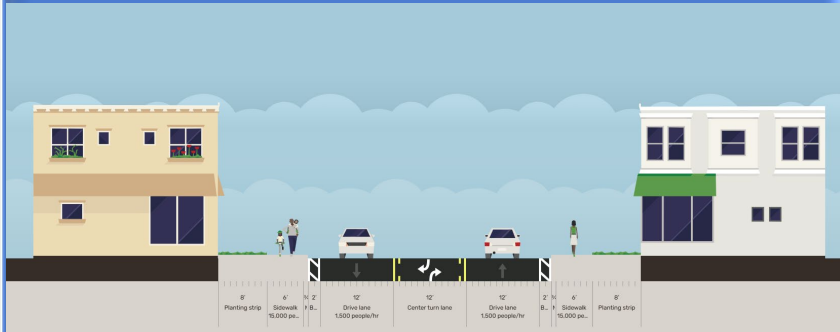
Constraint

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Tier 2 – Engineering Feasibility Screening

Select Typical
Cross Section



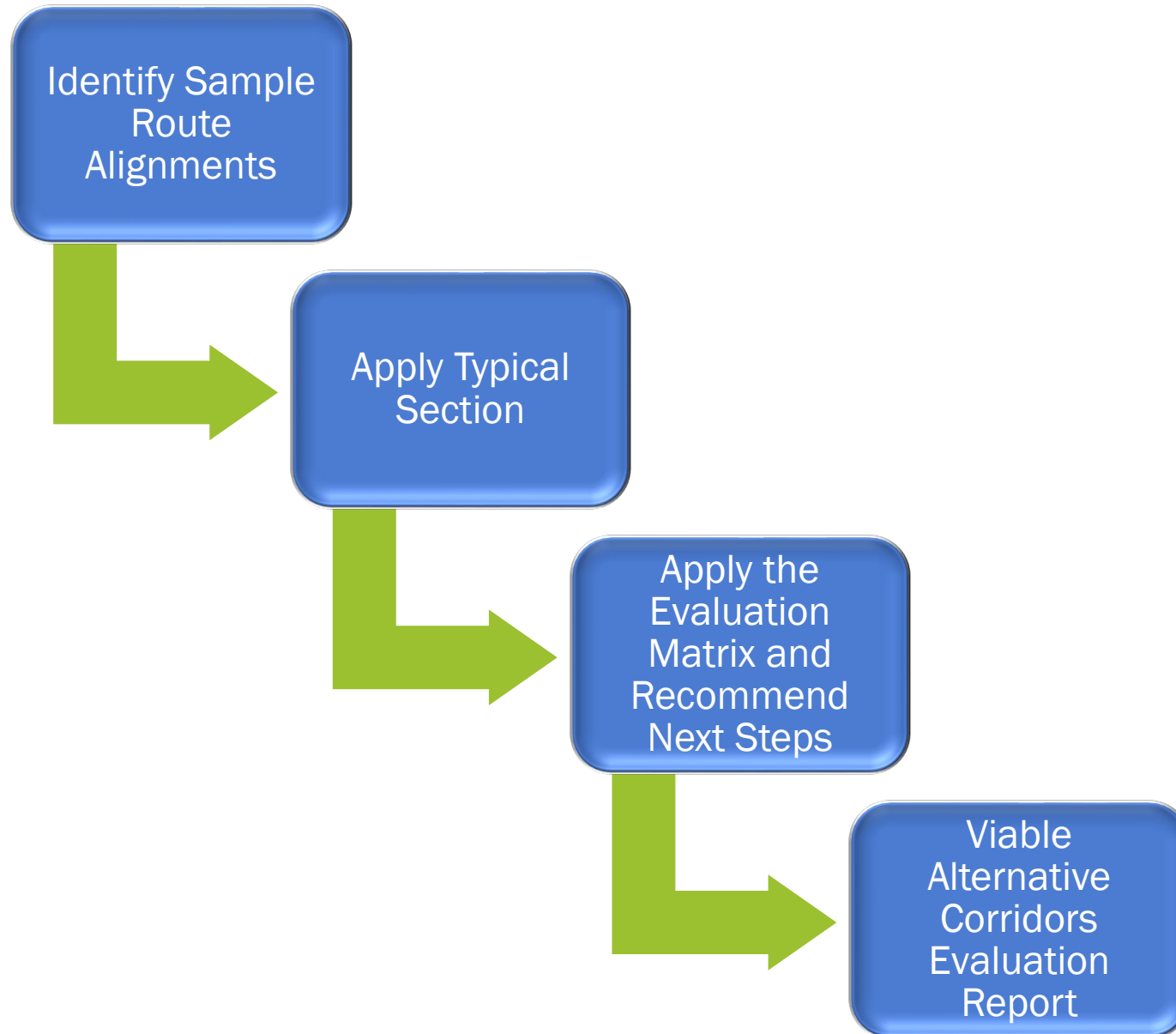
Engineering and
Environmental
Screening

Permitting

Planning & Design
Considerations

Right of Way

Tier 3 – Viable Corridor Alternatives



CHECK TWICE TO SAVE A LIFE.
ALWAYS STAY ALERT FOR MOTORCYCLES.





QUESTIONS?

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Tier 1 – Initial
Feasibility
Screening
Potential
Bypass
Corridors

Least-Constraint Paths

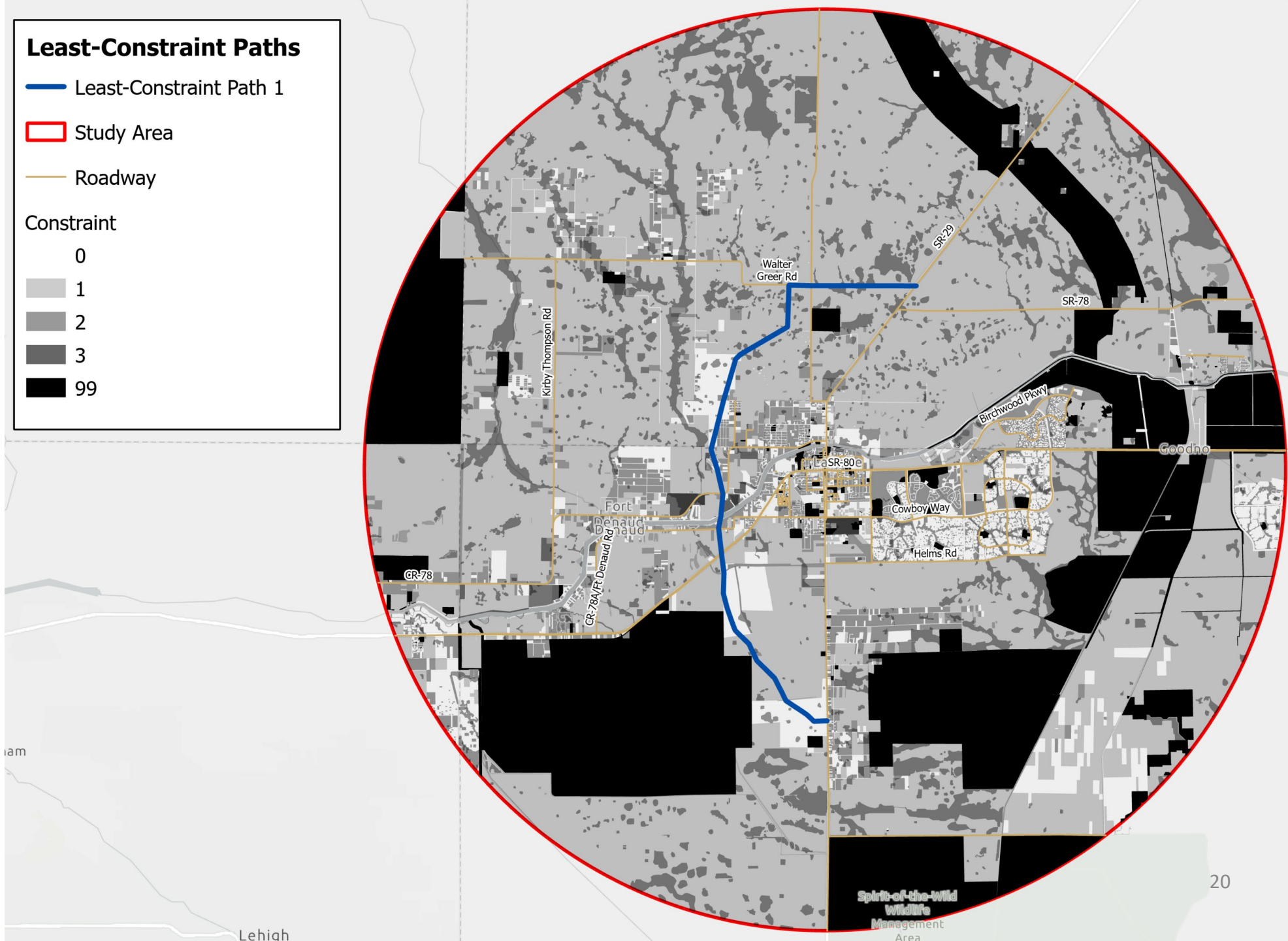
— Least-Constraint Path 1

▭ Study Area

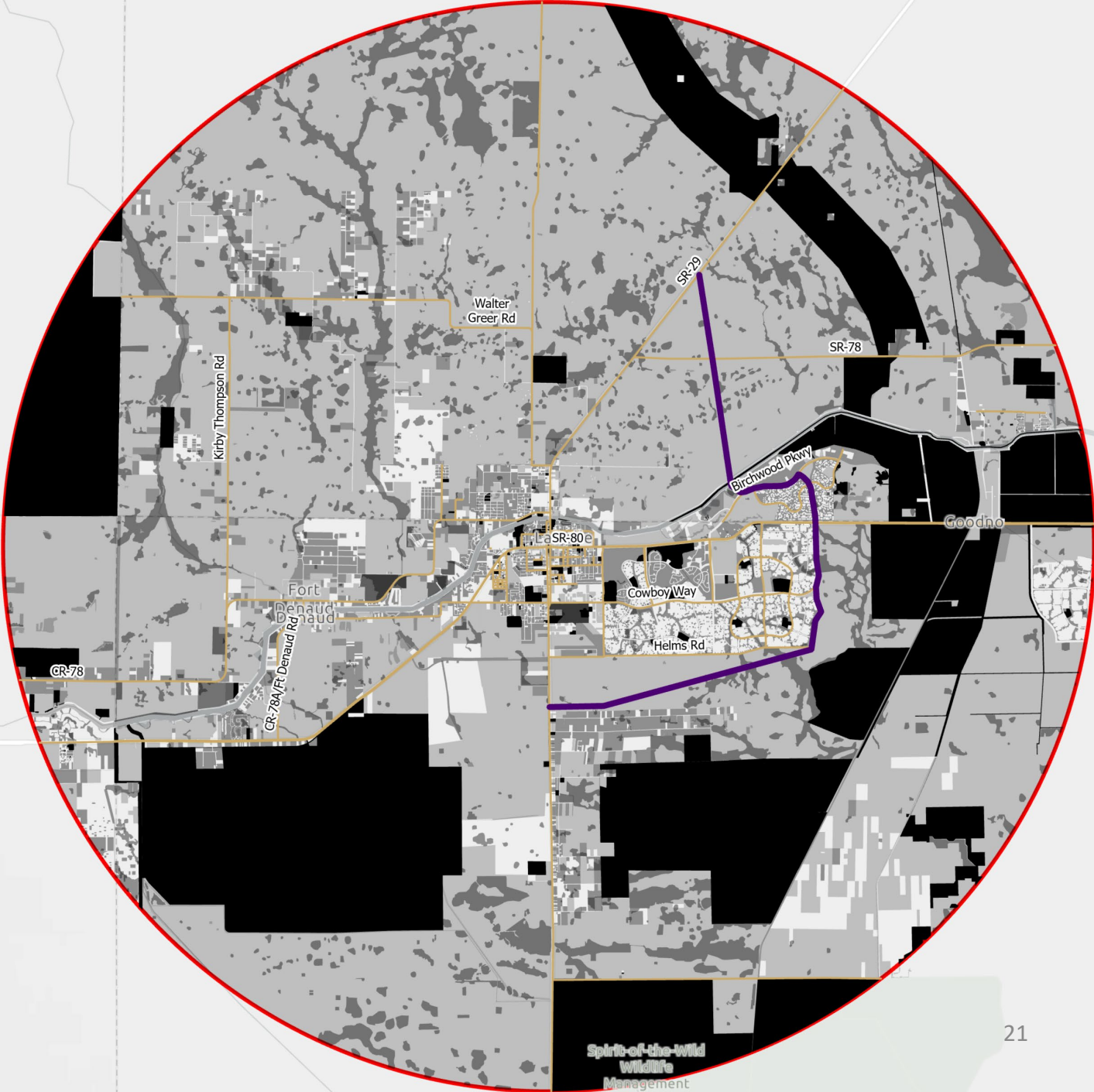
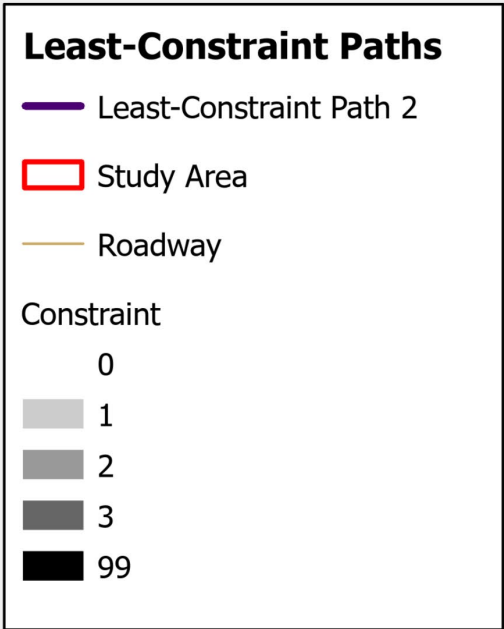
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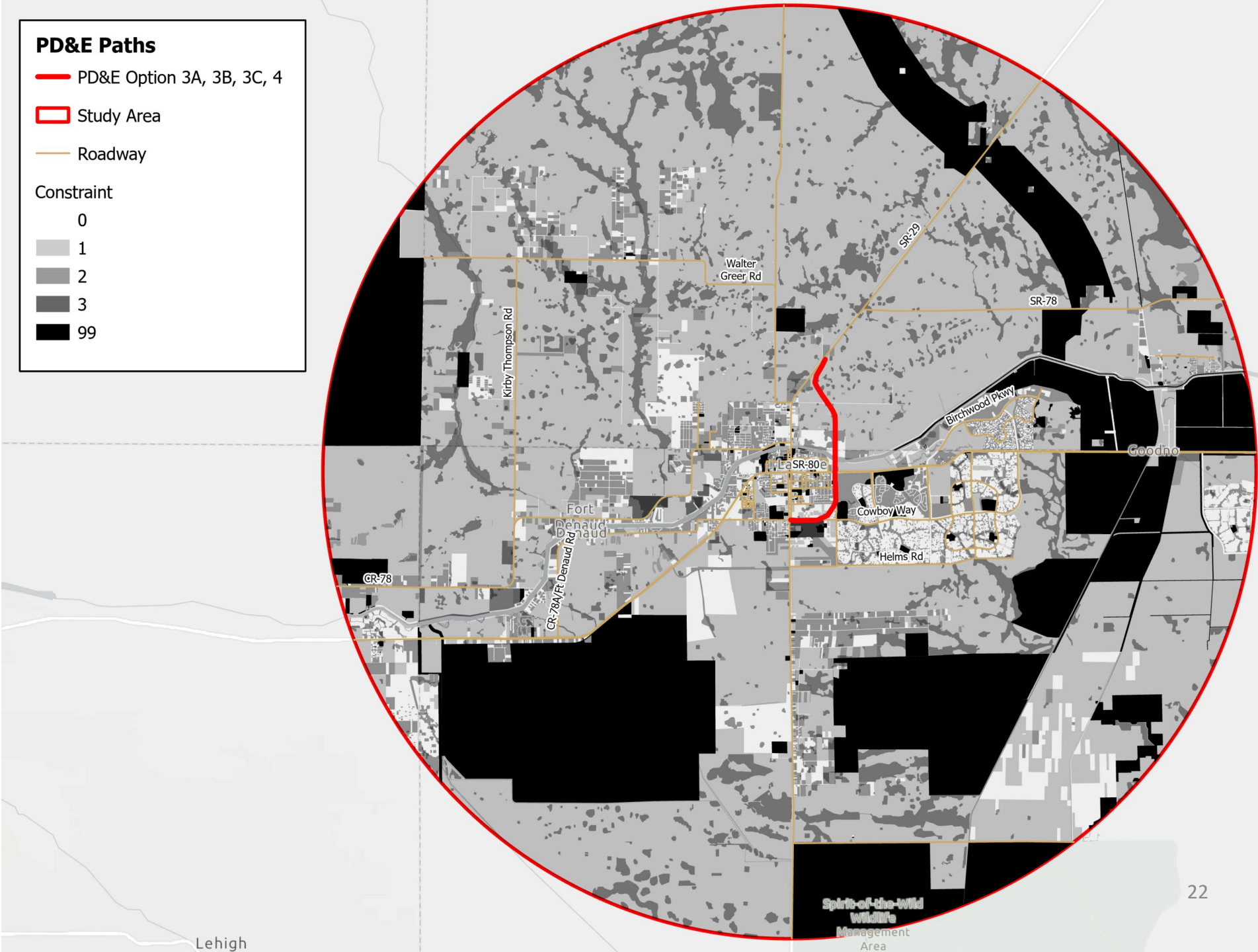
Tier 1 – Initial
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Tier 1 – Initial
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PD&E Paths
— PD&E Option 3A, 3B, 3C, 4
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Tier 1 – Initial
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PD&E Paths

PD&E Option 5, 6

Study Area

Roadway

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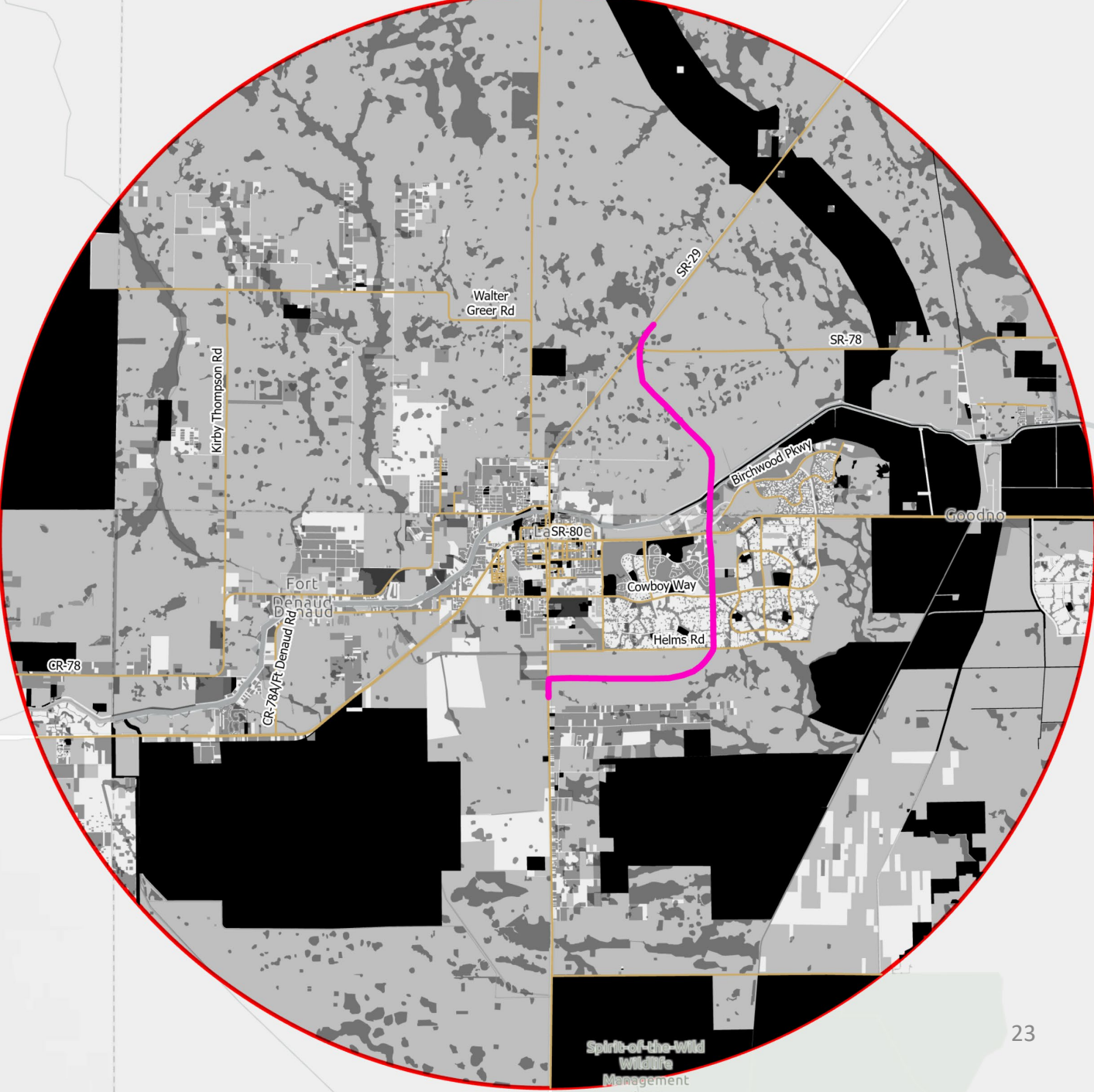
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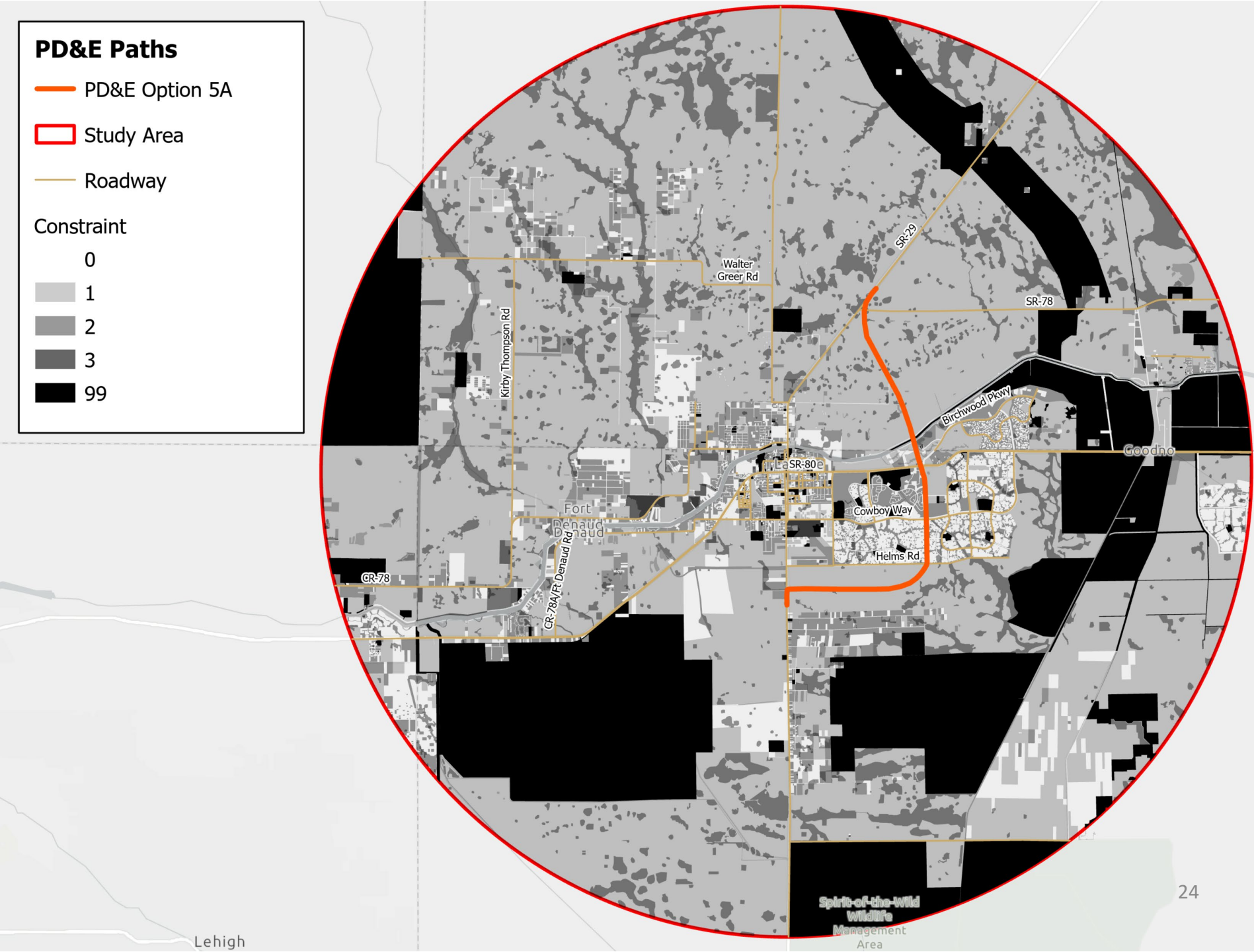
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PD&E Paths

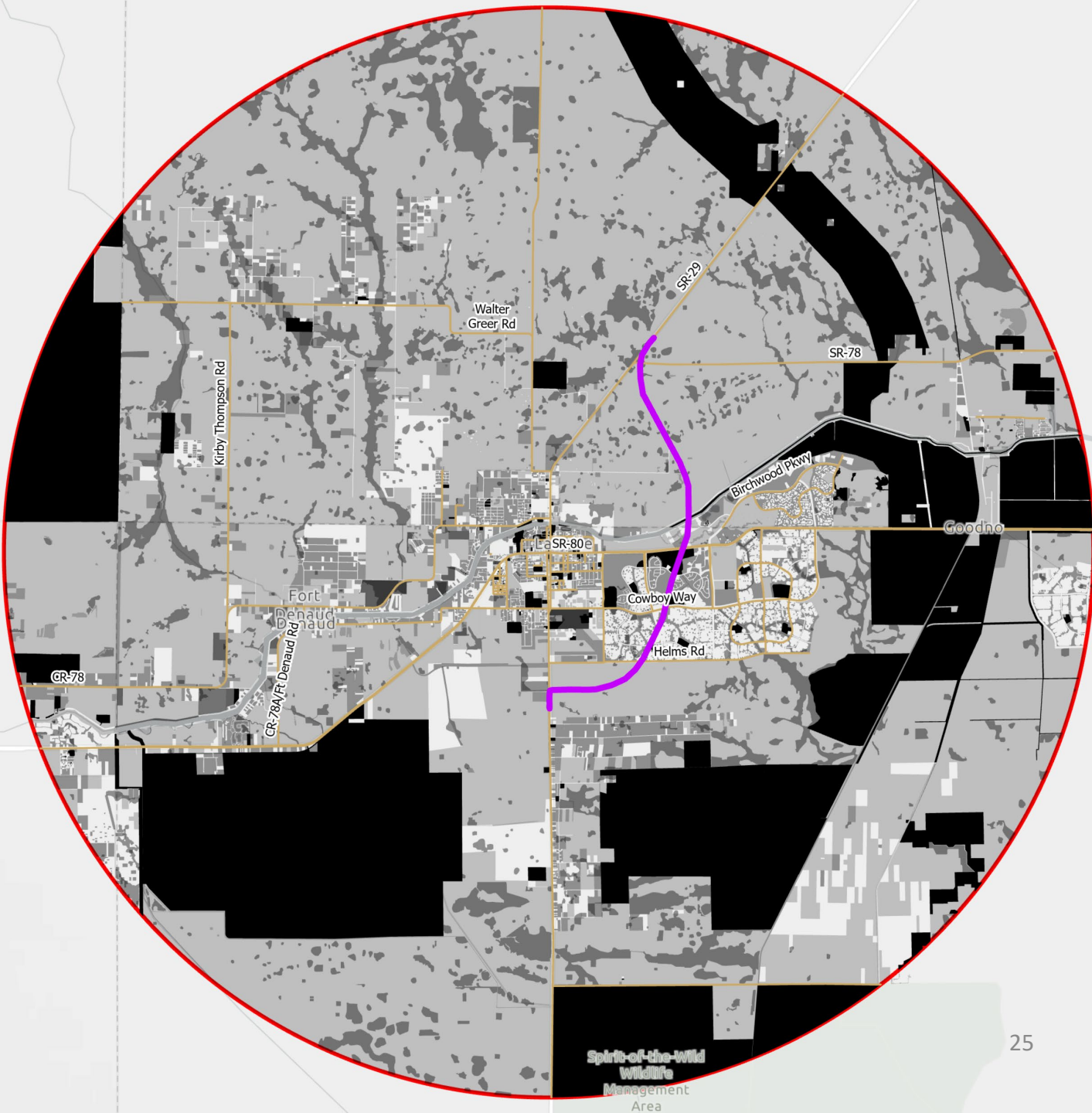
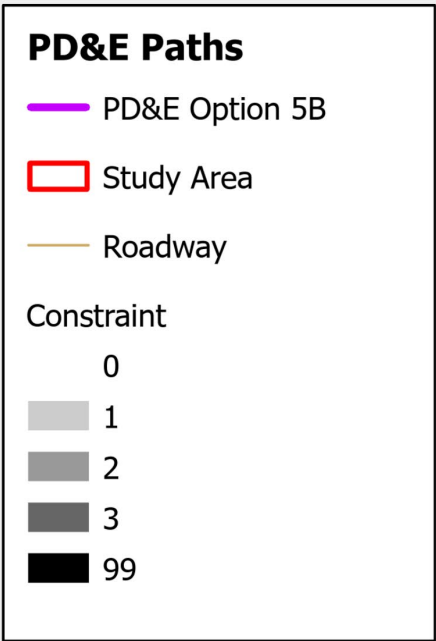
- PD&E Option 5A
- Study Area
- Roadway

Constraint

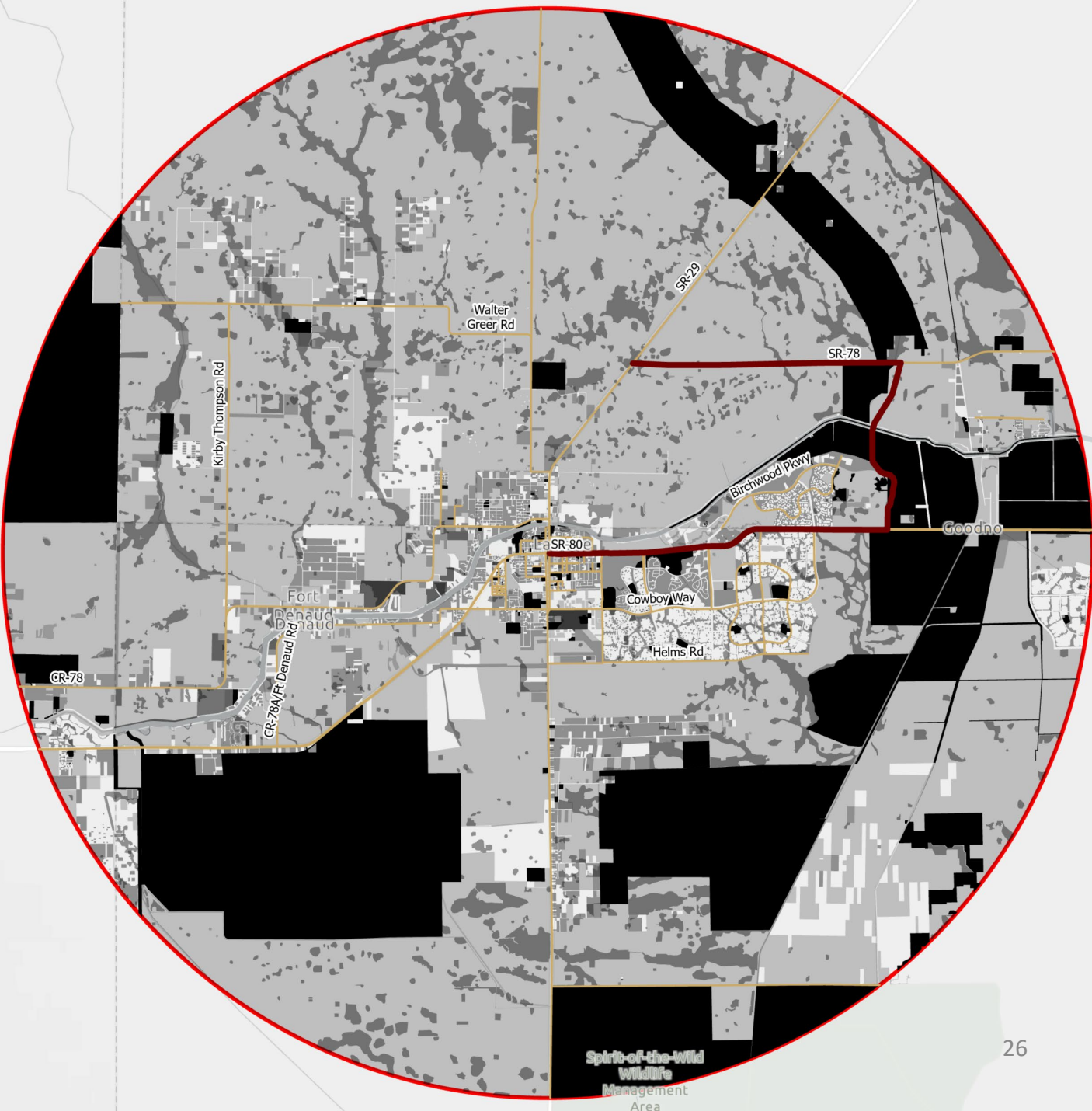
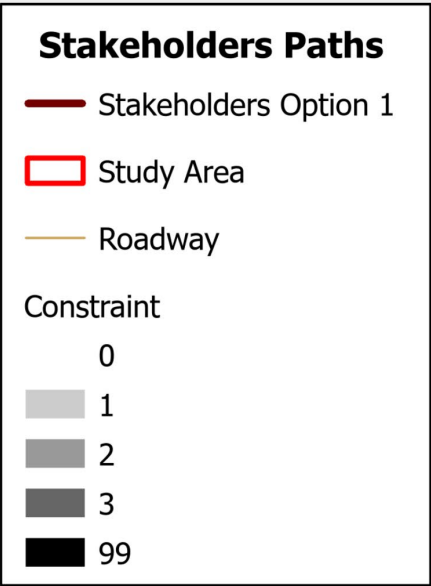
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Tier 1 – Initial
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Stakeholders Paths

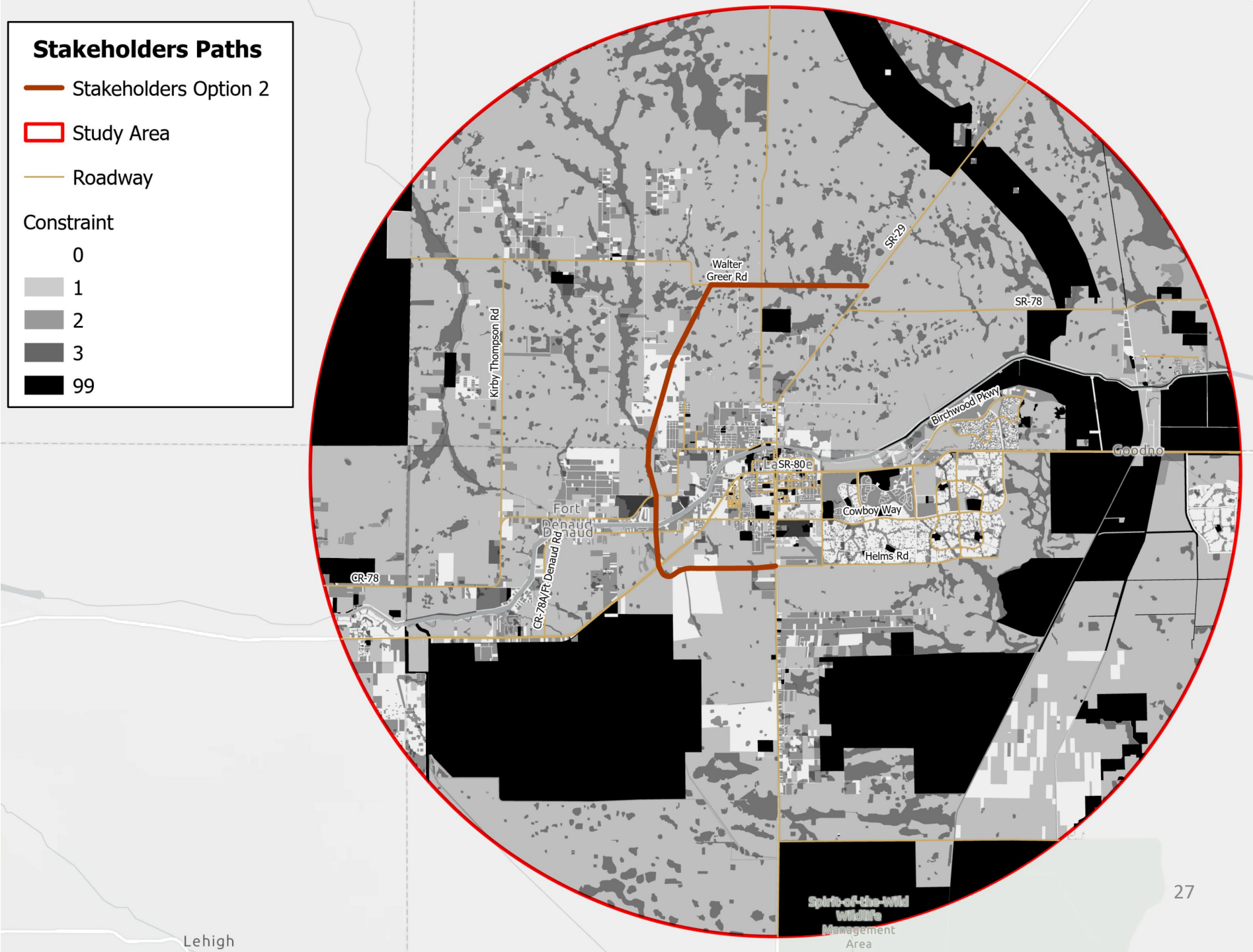
— Stakeholders Option 2

Study Area

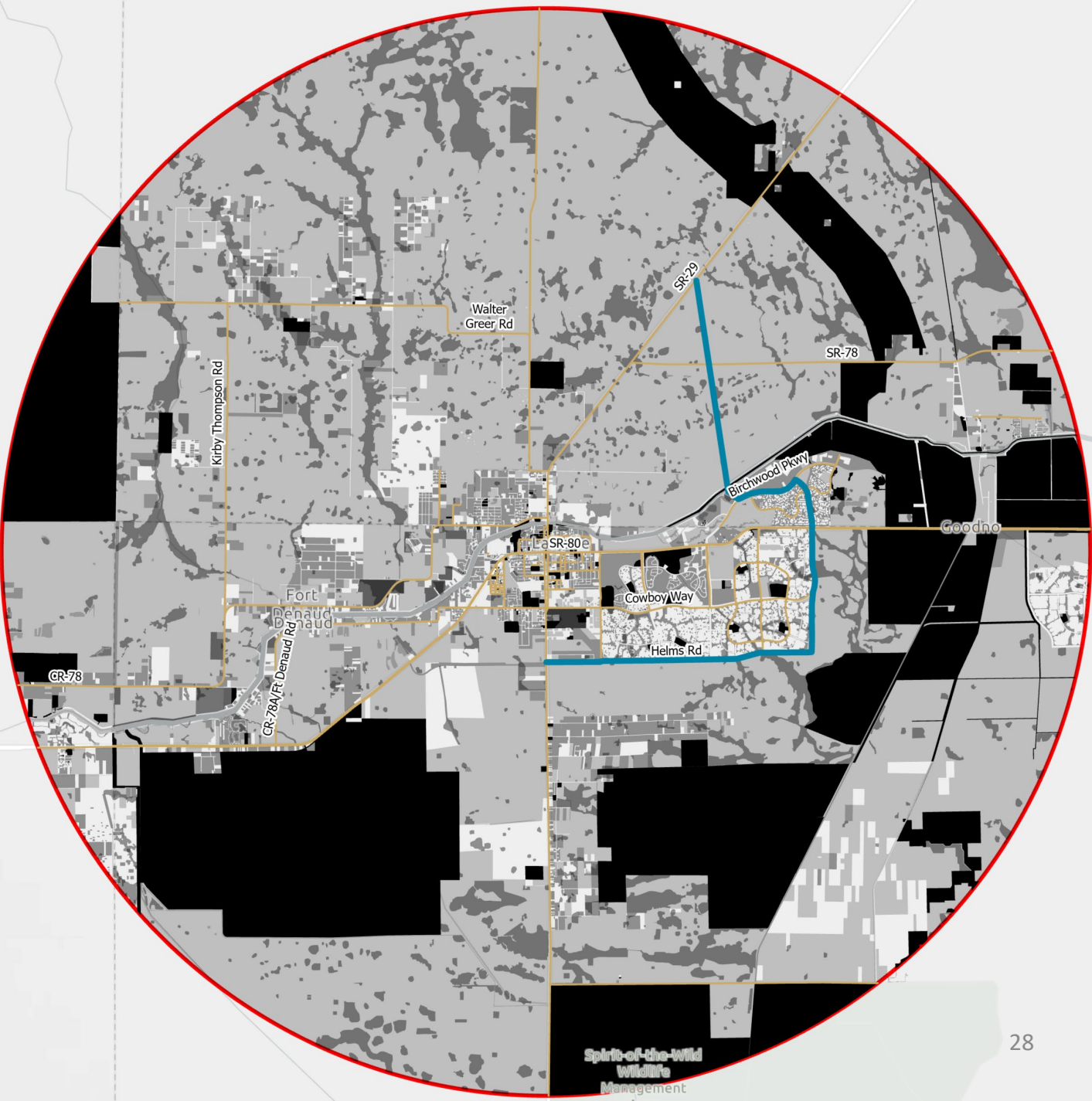
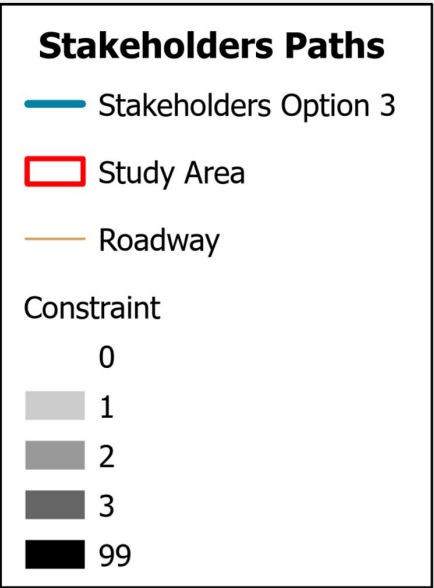
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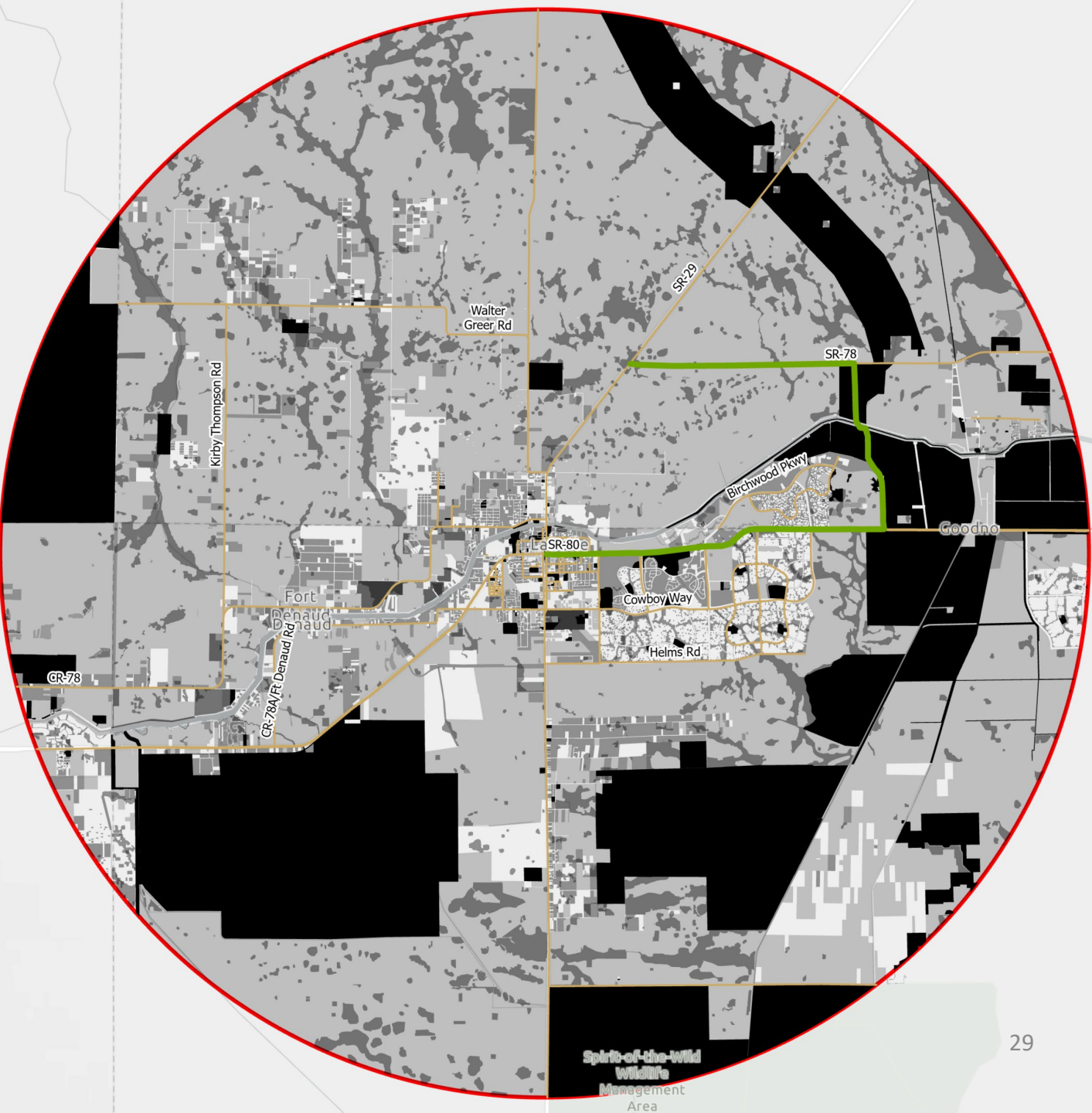
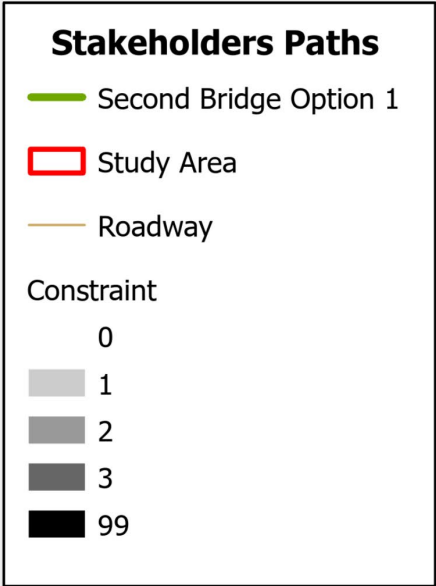
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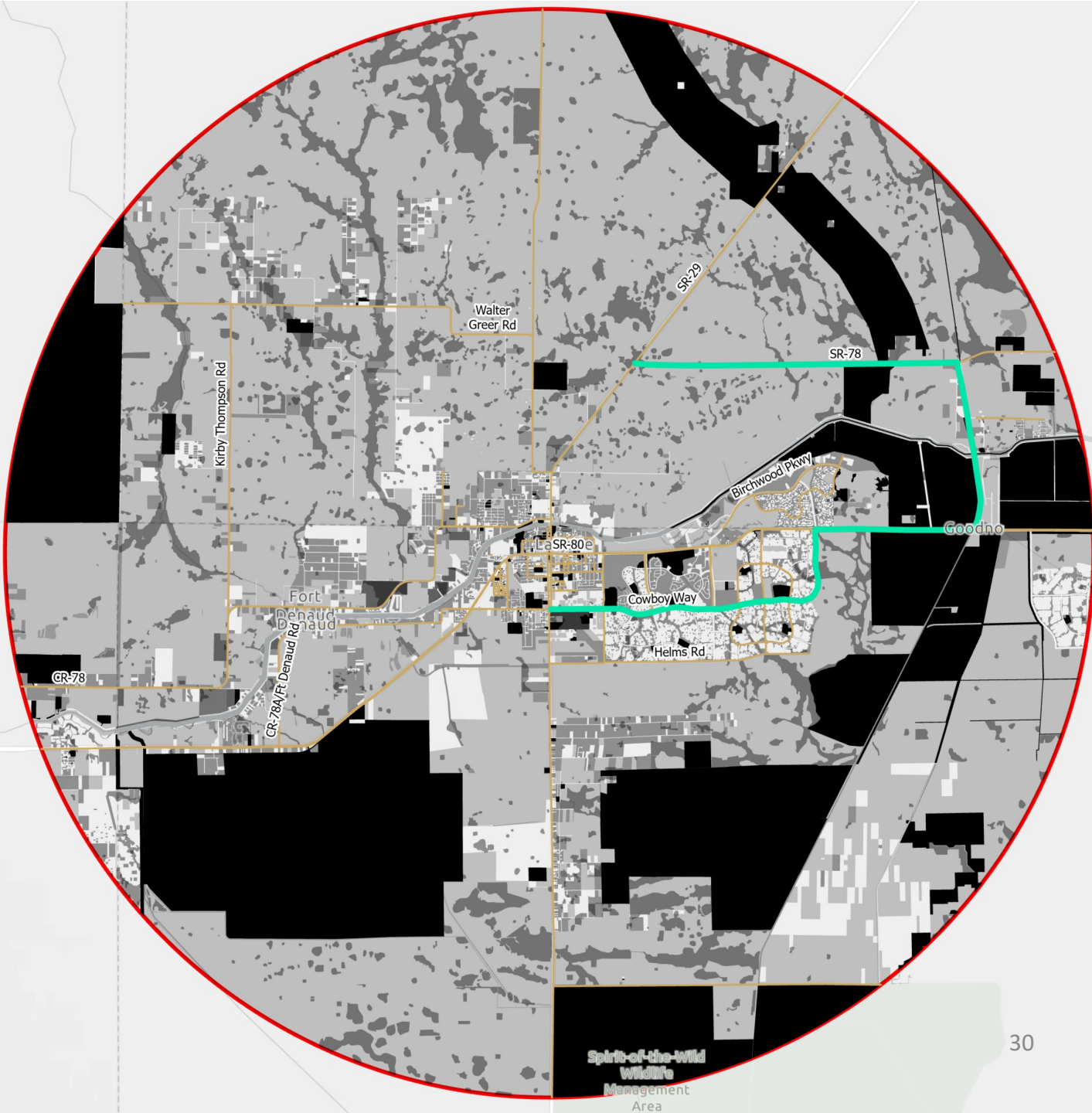
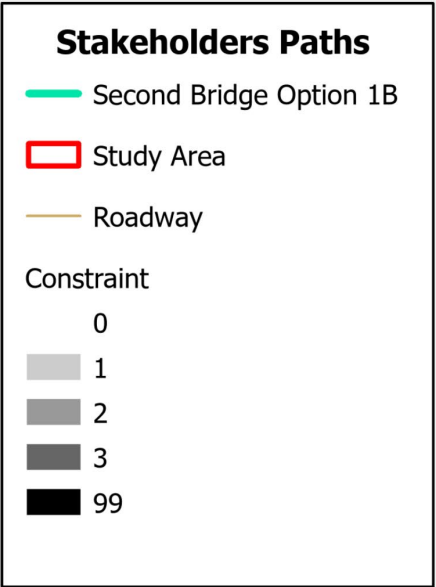
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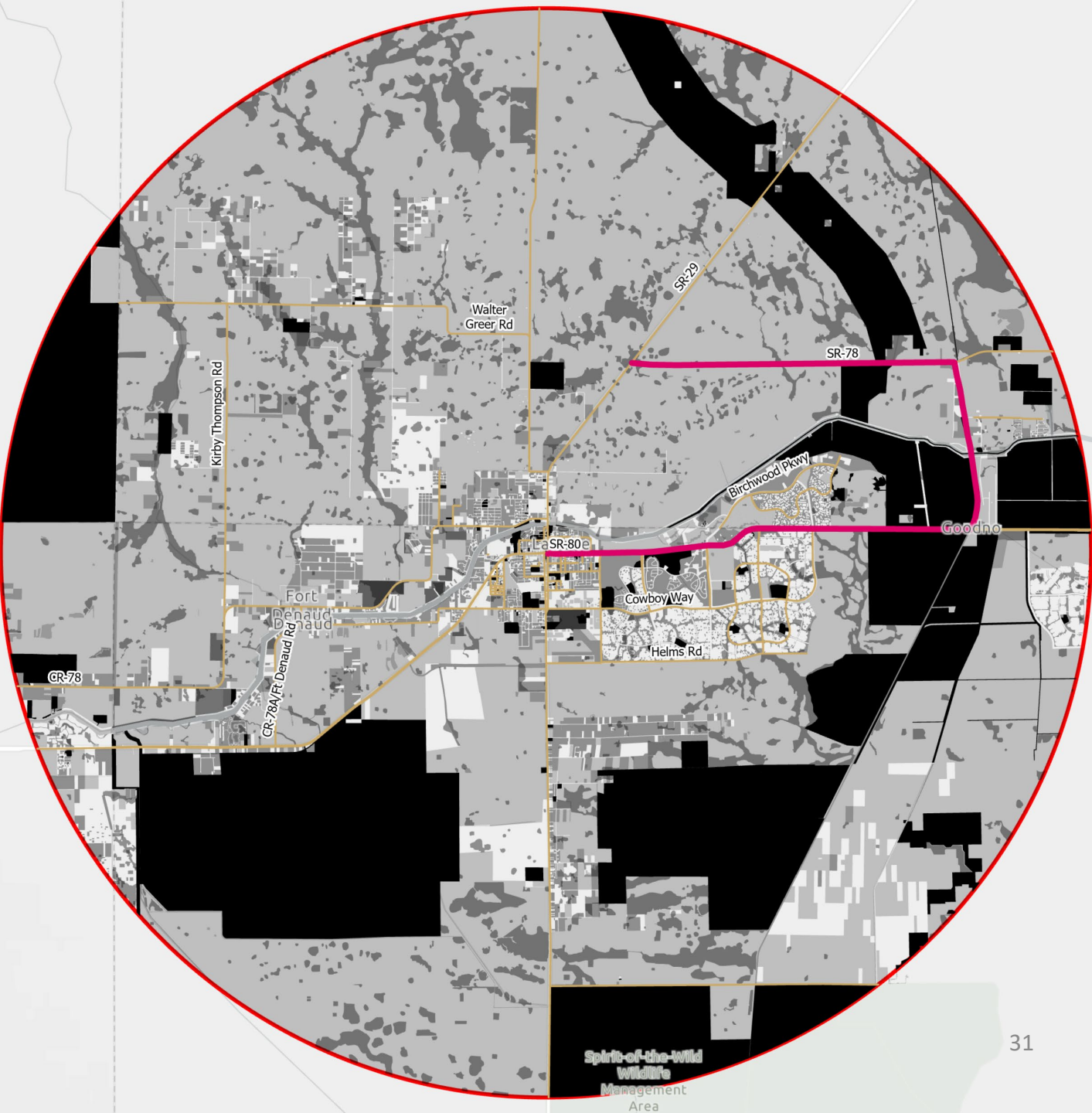
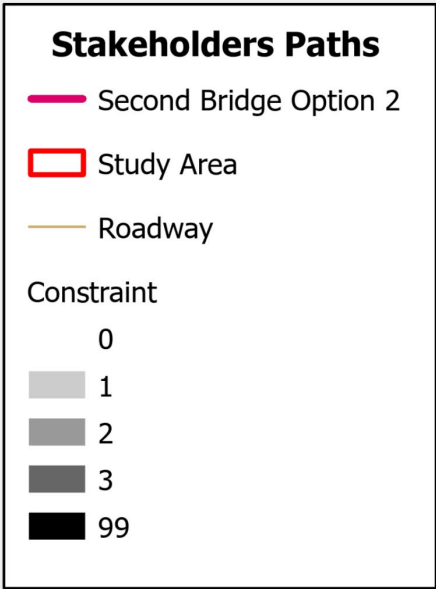
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