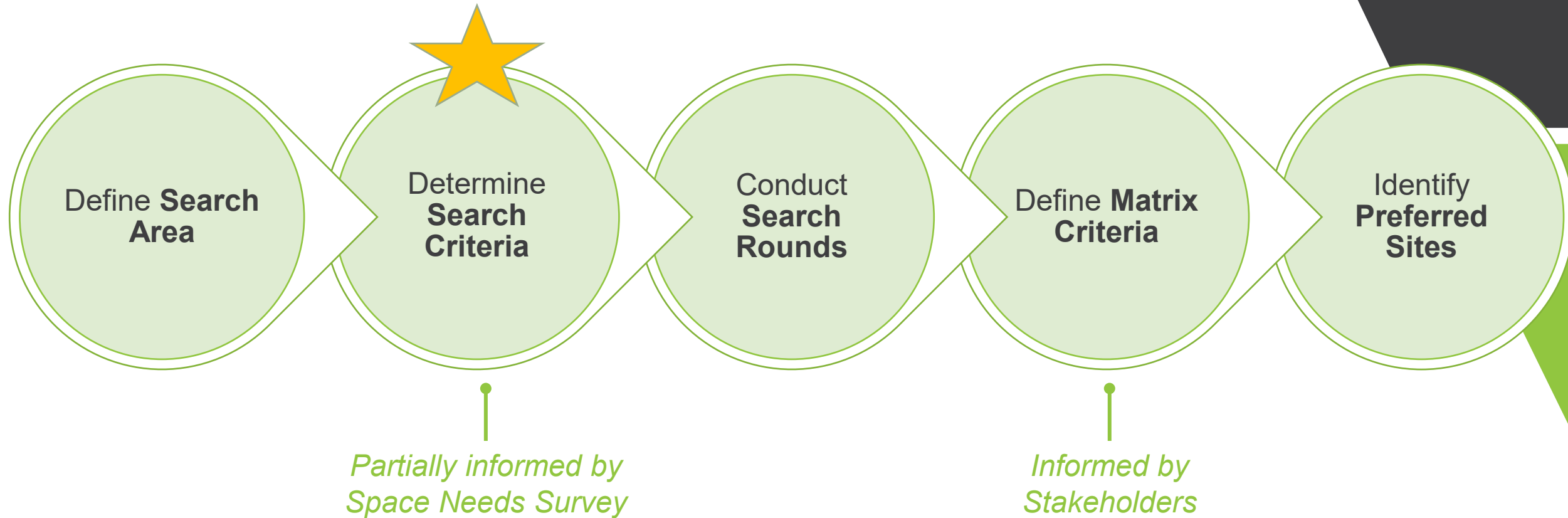


Link Transit Five-Year Transit Development Plan and Transit Facility Study

March 12, 2024



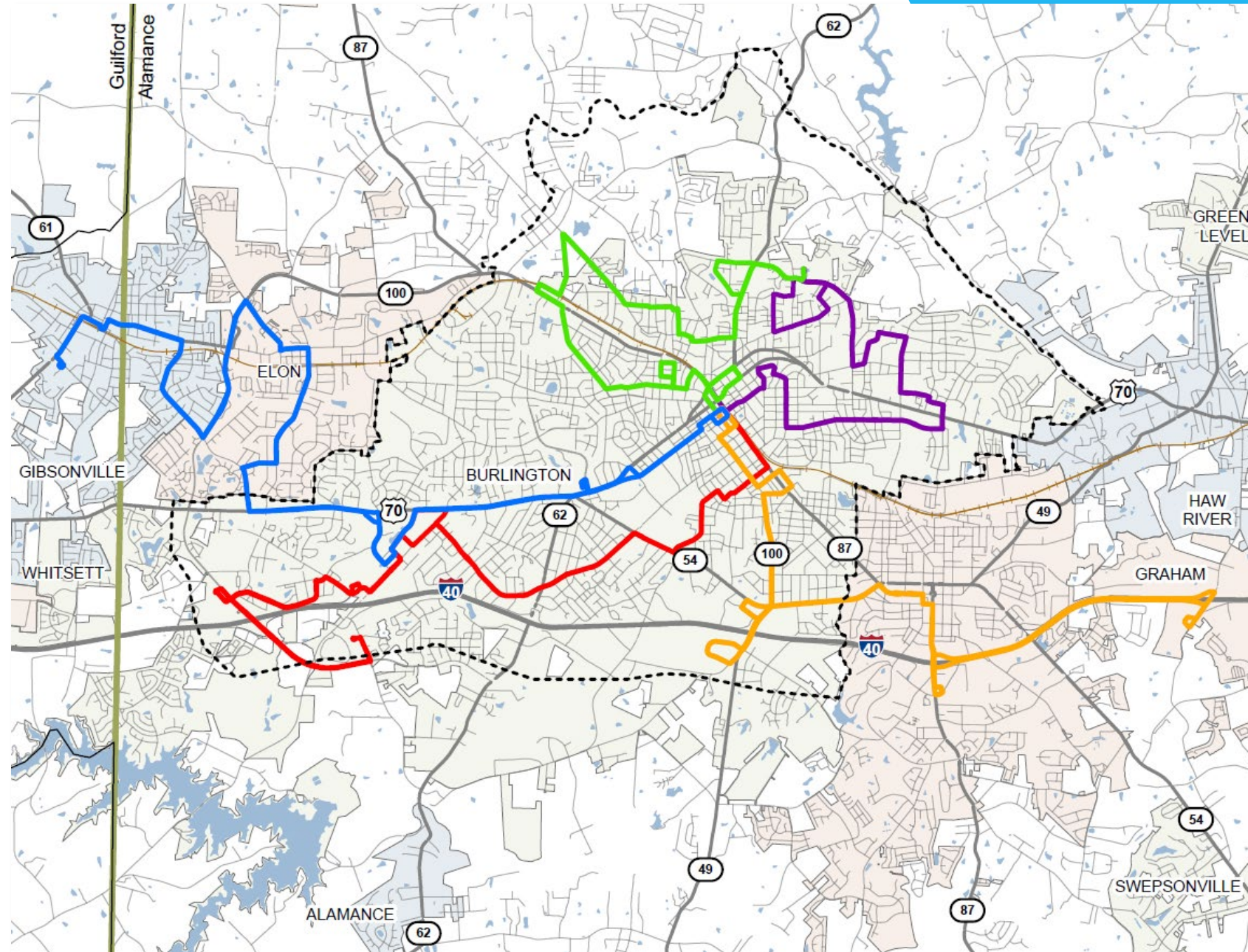
FACILITY SITING PROCESS



SEARCH AREA

Considerations

- Existing service area
- Major roadways/
driving distance
- Burlington City and
ETJ limits



AGENCY REVIEW

City	Ridership (NTD 2022)	Fleet	O&M	Transit Center	Distance Between Sites
Burlington	107,452	<ul style="list-style-type: none"> • 5 LTV and 2 Electric Buses for 5 fixed-routes • 4 shuttle buses for paratransit 	4.7 acres	.08 acres <ul style="list-style-type: none"> • Downtown 	5 miles
Concord	310,432	<ul style="list-style-type: none"> • 10 hybrid buses for 8 fixed-routes • 4 LTVs and 3 vans for paratransit 	.8 acres	2 acres <ul style="list-style-type: none"> • 3 miles north of downtown 	5.6 miles
Cary	279,799	<ul style="list-style-type: none"> • ~24 vehicles • 9 fixed-routes • Paratransit 	3 acres <ul style="list-style-type: none"> • 5.5-acre site selected for new O&M 	3.7 acres <ul style="list-style-type: none"> • Just north of downtown • Includes Amtrak • 12.7-acre site proposed for new multi-modal center 	2.1 miles <ul style="list-style-type: none"> • Planned sites are 2.5 miles
Asheville	1,485,058	<ul style="list-style-type: none"> • 35 vehicles • 18 fixed-routes 	3.4 acres <ul style="list-style-type: none"> • 8 – 10-acre site recommended for new O&M 	.5 acres <ul style="list-style-type: none"> • Downtown 	.7 miles
High Point	606,504	<ul style="list-style-type: none"> • 17 buses for 13 fixed-routes • 6 cutaway vans for paratransit 	3.2 acres	1.04 acres <ul style="list-style-type: none"> • Downtown 	.5 miles

AGENCY REVIEW TAKEAWAYS

- None of the agencies have a joint O&M and transfer center
- Distance between O&M and Transfer Center ranges from .5 – 5.6 miles
- Most Transfer Centers are in downtown settings
- Common Transfer Center Amenities – indoor/outdoor waiting space, customer service, public and operator restrooms

ADMIN, OPERATIONS, AND MAINTENANCE NEEDS

- O&M Facility

- What year is Link building towards?
- How often do you recompute for operations?
- Do you plan to have administrative space in the O&M facility? If yes, how much?

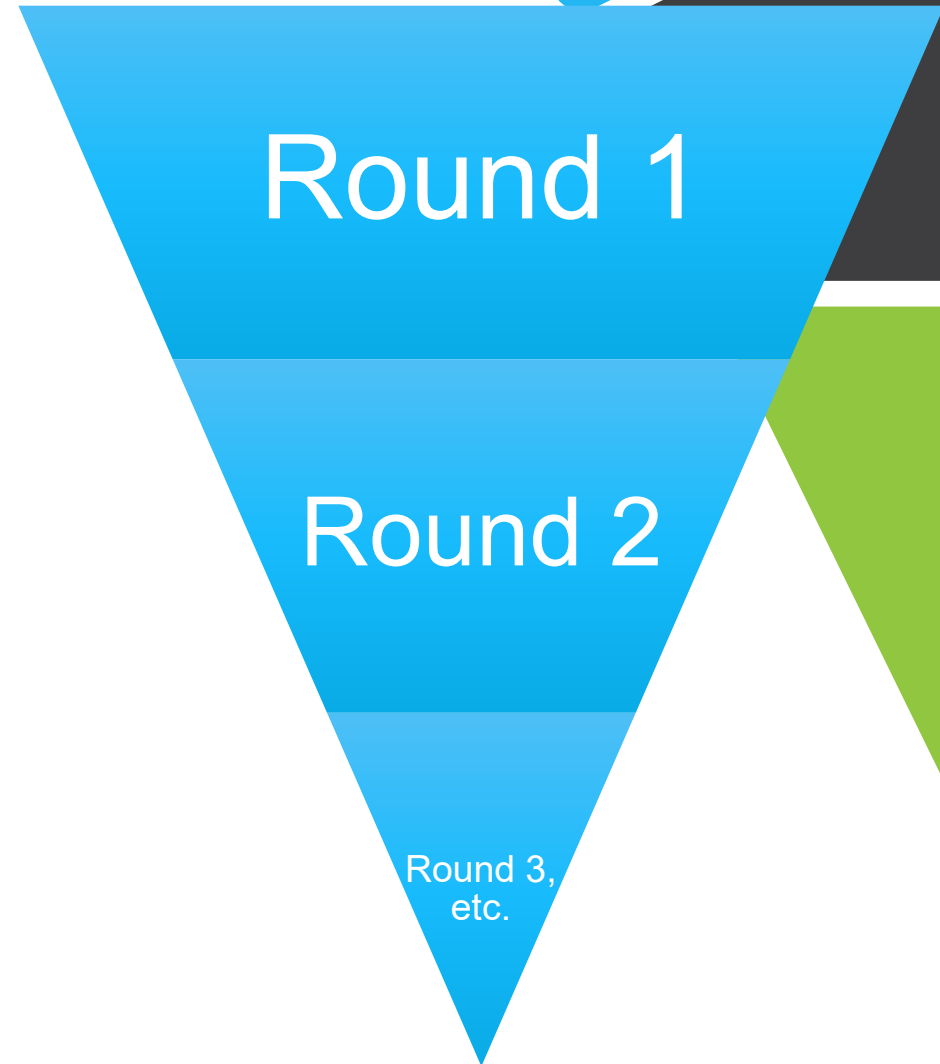
- Transfer Hub

- Janitorial closet
- IT closet – message boards, signage, speakers, cameras
- Transfer hub staff
- Restrooms – customer and/or operator
- Breakroom
- Kiss and ride
- Parking for supervisors
- Bays for other agencies (PART, GoTriangle, etc.)
- Park and ride
- Multimodal connections

Shared and Support Space Name	Number of people	Adjacency	Special Features/Furniture/Equipment				
General Locker Room	20	Maintenance Bays and Drivers Area	Wash sinks, toilet, shower, lockers.				
Conference/Training Room	20-30	Maintenance Bays	Meetings and training for mechanics and staff. No carpet.				
Lounge	20-30	Maintenance Bays	Lunch and breaks.				
Farebox Repair Room	2	Mai Bay	Vehicle Type	Vehicle Quantities/Projections [Enter total vehicles]			
Tire Room	2	Mai Bay		Existing	+5 years	+10 years	+20 years
Storage Room	5	Mai Bay	Gillig <input type="checkbox"/> Gasoline <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input type="checkbox"/> Electric <input type="checkbox"/> Other	5	5	11	15
			Promaster <input checked="" type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input type="checkbox"/> Electric <input type="checkbox"/> Other	0	1	6	8
			Front Runner <input checked="" type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input type="checkbox"/> Electric <input type="checkbox"/> Other	3	3	0	0
			BYD <input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Other	2	2	2	0
			Car <input checked="" type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input type="checkbox"/> Electric <input type="checkbox"/> Other	2	2	5	5
			Truck <input checked="" type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> CNG/LNG <input type="checkbox"/> Electric <input type="checkbox"/> Other	3	3	3	3

ROUND 1 SEARCH CRITERIA

- **Zoning**
 - Remove parcels with prohibitive and conditional zoning
- **Environmental features**
 - Remove wetlands, floodplains, and stream buffers to identify developable land
- **Minimum acreage**
 - Remove parcels too small to develop

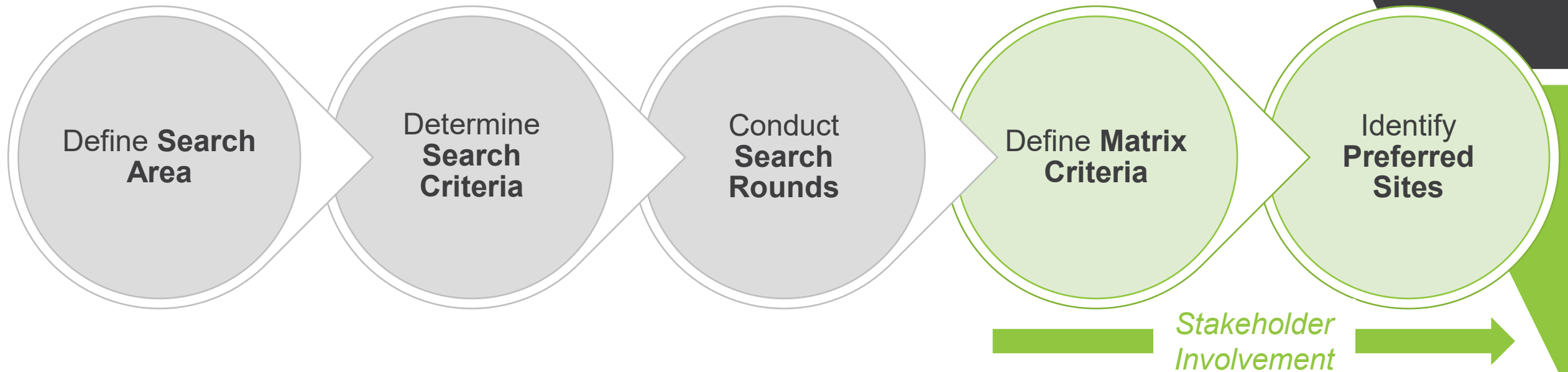


POTENTIAL MATRIX CRITERIA

- **Operational Efficiency**
 - Travel time from current routes
- **Viability/Ease of Acquisition and Constructability**
 - Estimated market cost
 - Existing use on site
 - Listed for sale
 - Planned for redevelopment
- **Opportunity**
 - Public/partner agency ownership
 - Surrounding land use
 - Proximity to planned/potential development
- **Accessibility***
 - Proximity to jobs, total population
 - Access to sidewalks, public facilities, key destinations
- **Community***
 - Minority population
 - Low-income population
 - Zero-car households
 - Number of businesses, services, housing, other establishments

*within X proximity. To be discussed with staff.

STAKEHOLDER INVOLVEMENT



NEXT STEPS

- Finalize Round 1 Search Criteria
 - Minimum acreage
- Develop Site Evaluation Matrix Criteria
- Identify Stakeholders

THANK YOU!



Kimley»Horn