



TRANSPORTATION SYSTEMS COMPONENTS

Vehicles



Routes



Fare Policy/ Strategy



Parking/Access



Support Facilities



Stations / Stops



SYSTEM OBJECTIVES

Meet Visitor Needs

Interpretation/Education
Access for the Disabled
Seating / Comfort
Storage
Support Visitor Experience
Character / Visual Impact
Affordable



Be Integrated With

Existing Systems
Area Destinations
Future Visitor Facilities
(visitor information centers, parking, etc.)

Recognize

Potential Providers
Potential Partners

Serve the Demand

Maximize Capacity
Ability to Change Capacity
Accommodation of Growth
Seasonal Variations
Connections to Other Systems



Fit the Setting

Preserve Cultural and Historic Landscape
Appropriate Aesthetics

Compatible Facilities

Appropriate Facilities
Roadway Connectivity/Geometry
Pedestrian / Vehicle Crossings

Be Convenient

Easy Way Finding
Reduce Waiting Time
Route Directness
Ability to Stop En route
Desirable Operating Hours



Be Sustainable

Efficient Fuel Use
Minimize Noise Levels
Reduce Pollutant Emissions
Durable / Reliable



Be Cost Effective/Implementable

Construction Cost
Operating Cost
Maintenance Cost
Financing Opportunities



ALTERNATIVE TRANSPORTATION SERVICE CONCEPTS

A new visitor transportation system could be developed to serve many different purposes or functions. Transit services could also be layered or combined to accommodate multiple needs.

Tell us what's most important to you?

Frequent Transit Service -

One or more transit routes with frequent service and hop-on/hop-off flexibility that connects primary visitor attractions or other destinations (e.g. hotels, shops, restaurants, office buildings, etc.). No commentary about attractions would be provided.

General Orientation and Commentary -

Transportation service with general orientation to the Washington, DC area, including attraction locations, hours, fees, etc.

In-Depth Education and Interpretation -

Narrated visitor transportation service that focuses on in-depth education and interpretation of the memorials and historic events.

Special Excursion Trips -

Educational, narrated visitor transportation services providing time to visit outlying visitor destinations. Examples of excursion trips: Mount Vernon; Civil War sites such as Manassas National Battlefield Park, etc.

What will the Service Cost?

NPS will be considering a range of fares (from subsidized to market rate fares) based upon the balance of operating costs (vehicles, fuel, length of route) and operating structures (concessions, partnerships, etc.) within this study.

Washington, DC Visitor Transportation Study for the National Mall and Surrounding Park Areas

National Park Service
U.S. Department of the Interior



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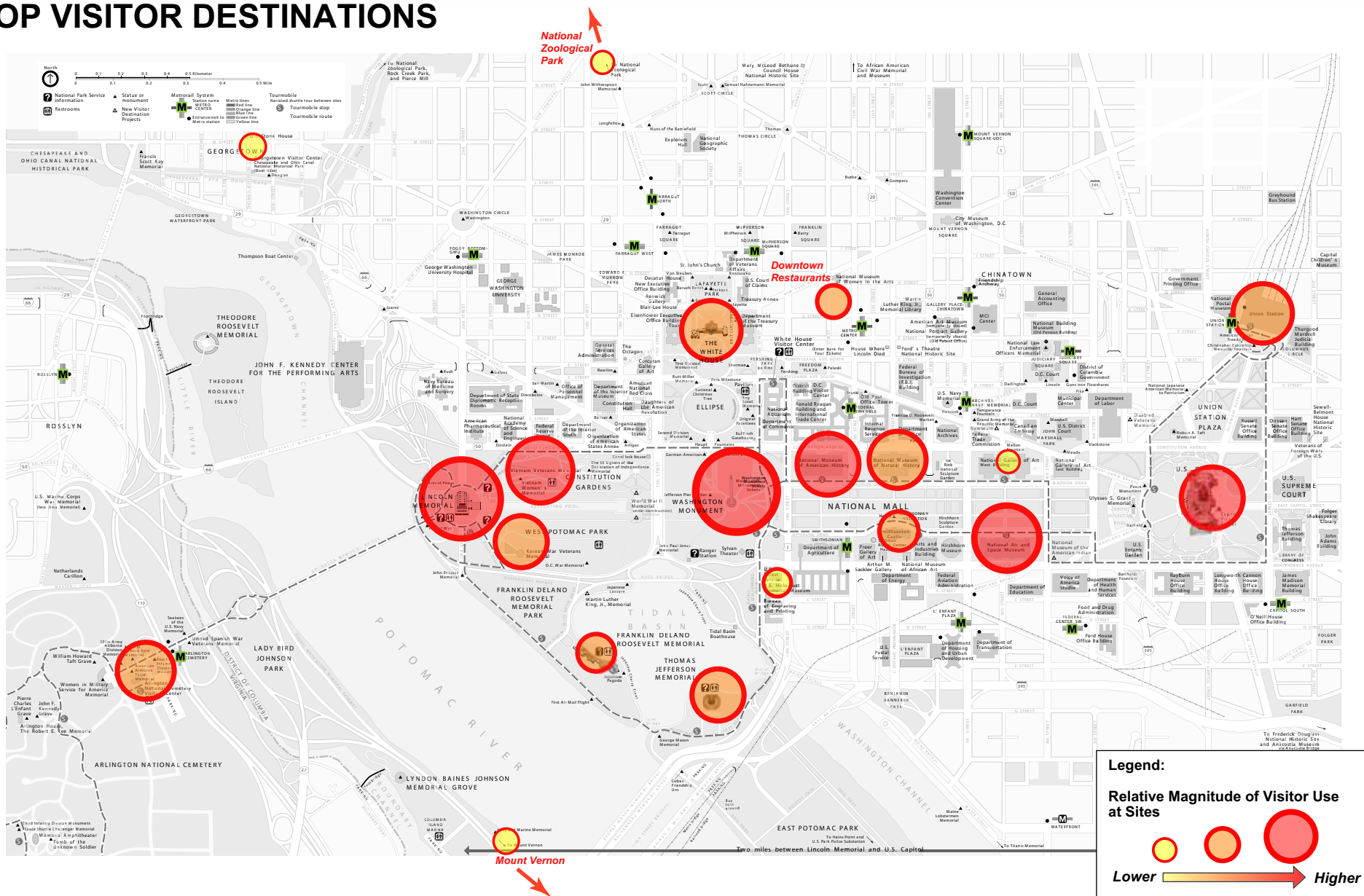
National Park Service
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of the Interior

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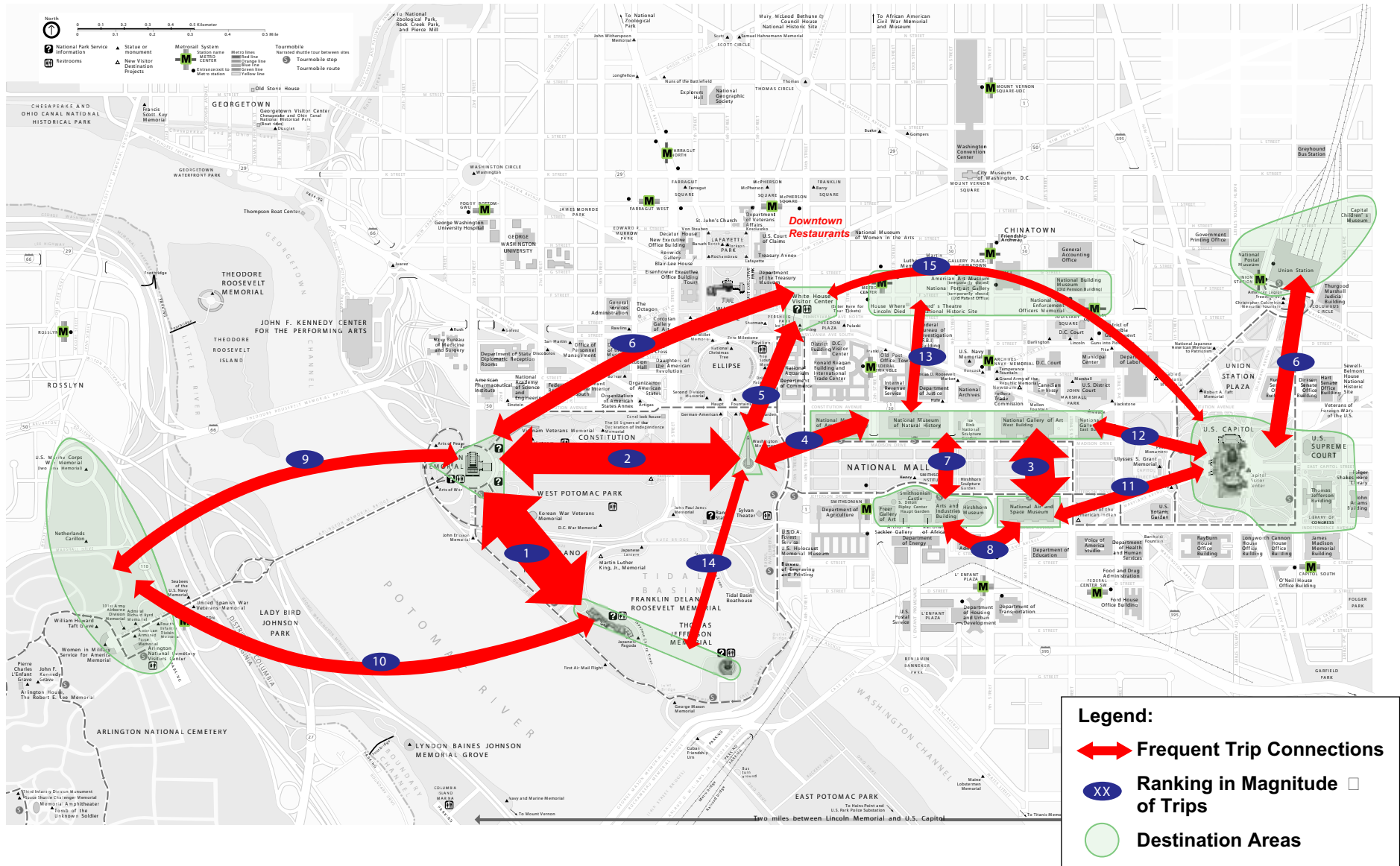


TOP VISITOR DESTINATIONS





VISITOR MOVEMENT BETWEEN TOP DESTINATION AREAS



Source: National Capital Parks Central, Washington, DC
Visitor Transportation Survey



Alternative Building Blocks

Vehicle Types



EXAMPLES OF VEHICLE TYPES



Double Decker Buses



Tourist Trams



Standard Transit Buses



Articulated Buses



Buses with Trailers



NPS Prototype Buses



Small Transit Buses



Historic Trolley Replicas

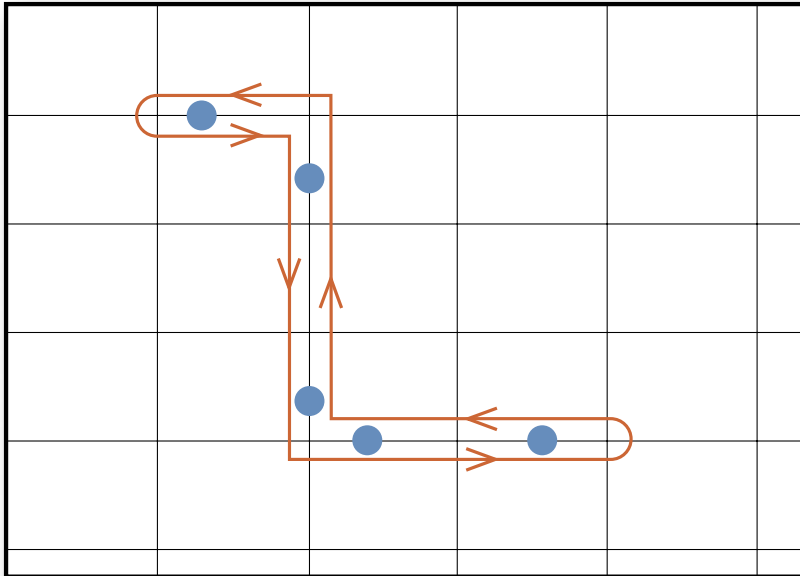


Alternative Building Blocks

Routes and Stops

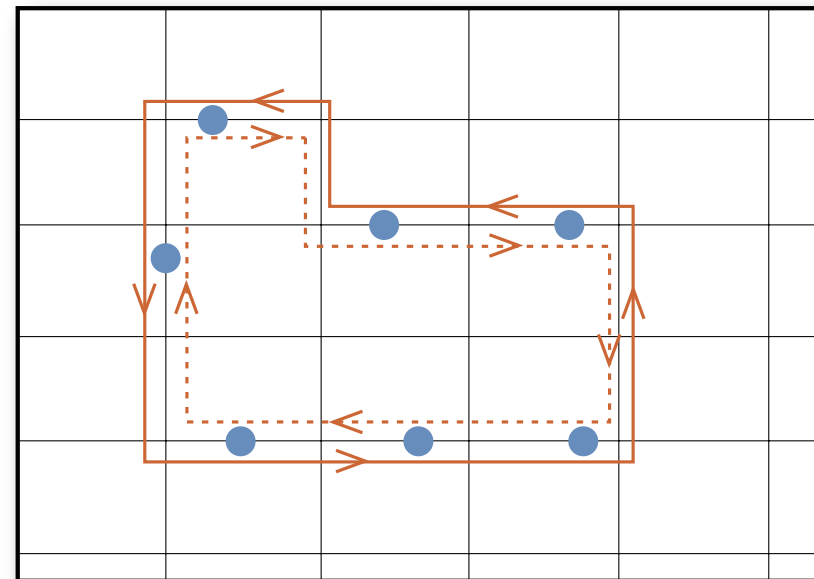


ROUTE LAYOUT CONSIDERATIONS



Line-Haul

- *More direct route*
- *May require multiple routes and transfers*



Single or Bi-Directional Loop

- *Connects many destinations without transfers*
- *May require out of direction travel*





Alternative Building Blocks

Build Your Own System



"BUILDING BLOCKS"

Instructions for Building Your Own System

We would like your help in developing ideas for the future NPS Visitor Transportation System for the Washington, D.C. National Mall and Surrounding Park Areas.

Please help us by building your own system.

- 1 – Please pick up an area map and find a space at one of the tables. Work individually or in groups.
- 2 – Draw your desired routes and fill in the legend on your map.
 - Using the colored highlighters provided, please mark transit routes that you believe should be included as part of the transit system.
 - Using the legend on the map, correspond colors to your desired Service Concepts (use designated color highlighters).
 - Apply the [blue dots](#) provided where you think “Stations/Stops” should be located.
 - Place stick-on symbols  where you feel that key Transfer Hubs should be located. Transfer Hubs could include, but are not limited to, transfer points between routes; multi-modal transportation facilities; and support facilities.
 - On the legend portion of your map, write in the type of vehicle, technology, mode, or special route features you have included.
- 3 – Lastly, please give us your input on other service aspects by marking preferences on the chart provided.

Thank you!

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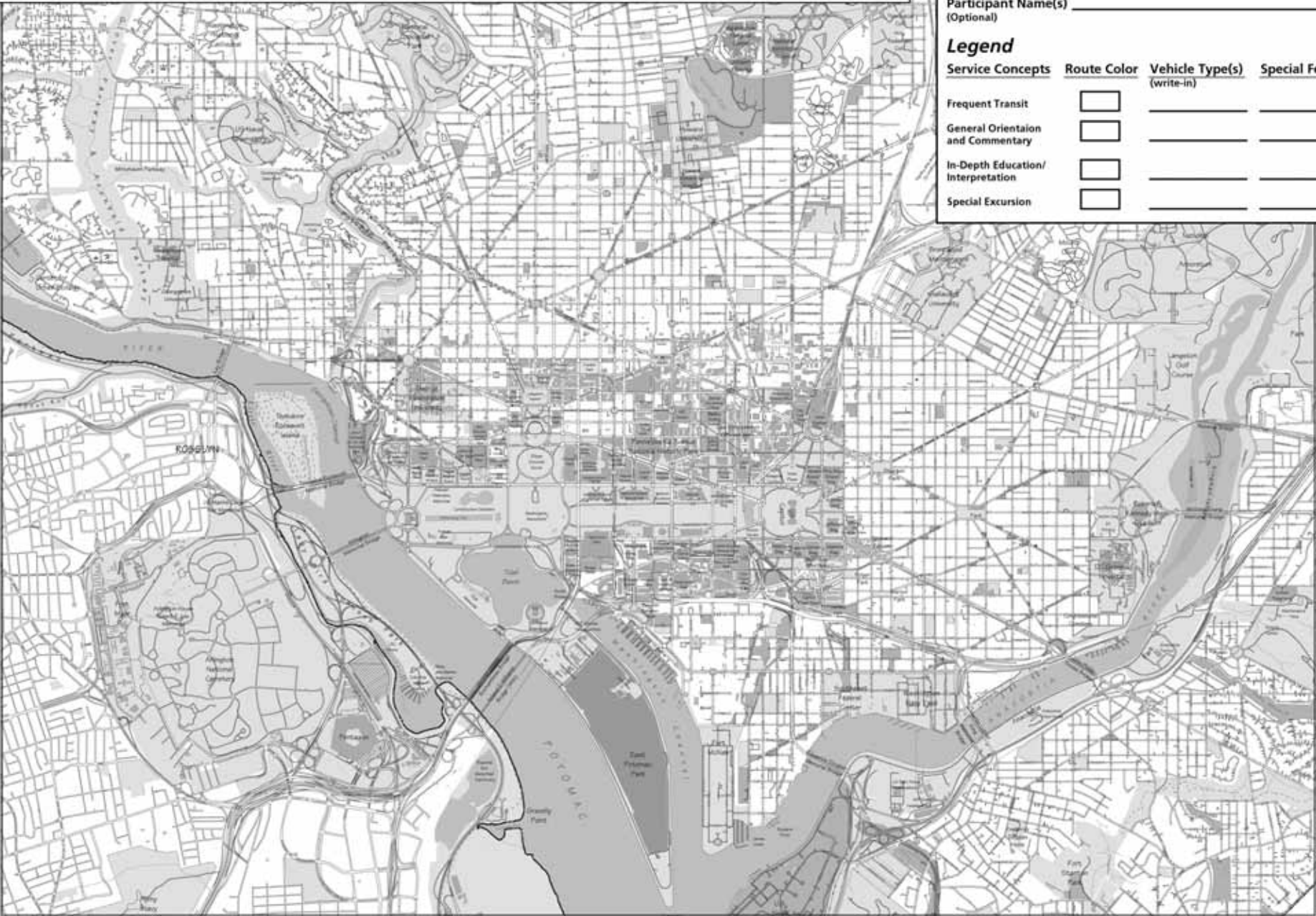
YOUR SYSTEM We invite you to provide more detail about your system by making notes on the map or writing on the reverse side.

Date/Time/Location _____

Participant Name(s) _____
(Optional)

Legend

Service Concepts	Route Color	Vehicle Type(s) (write-in)	Special Features
Frequent Transit	☐	_____	_____
General Orientation and Commentary	☐	_____	_____
In-Depth Education/ Interpretation	☐	_____	_____
Special Excursion	☐	_____	_____





OTHER SERVICE ASPECTS

Which ticketing options are most important to you?
(✓Check as many as you want)

Option/Method	Check if desirable
Pay per ride	
Full day pass	
Night pass	
Combined day/night pass	
Multi-day/weekly pass (incl. some discount)	
Other discounts (group, family, senior, multiple tours, etc.)	

Which payment methods are important to you?
(✓Check as many as you want)

Option/Method	Check if desirable
Advance ticket purchase via phone/internet	
Purchase tickets on-board	
Purchase tickets near stops	

What system characteristics are important to you?
(✓Check as many as you want)

System Characteristics	Check if desirable
Hop on/Hop off flexibility	
Improved connections to public transit	
Shuttle service to/from remote parking areas	
Multiple service concepts to choose from ☐ (i.e. frequent transit service and special ☐ excursion trips)	
Different modes to choose from (e.g. buses, bicycles, golf carts, water taxi, etc.)	