



LOGIC + PLACEMENT

MAG Off-Street Bicycle Network
Wayfinding Guidelines



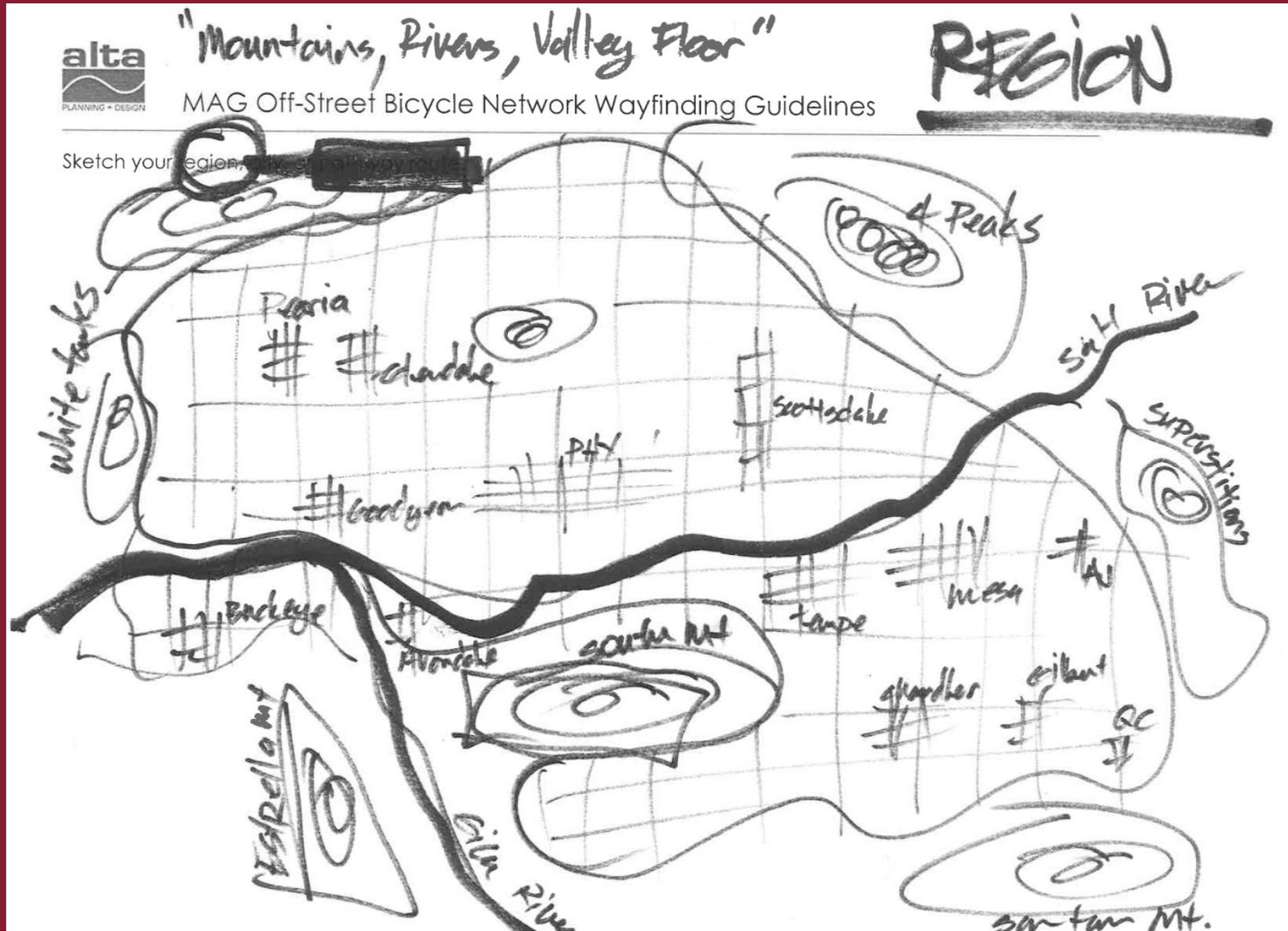
*MAG Bicycle and Pedestrian
Committee Meeting – Dec 16, 2014*

Part 1 Logic: Destination Selection + Prioritization



- Many potential destinations
- Limited space on each sign
- Need a coordinated approach

Input: Regional Map

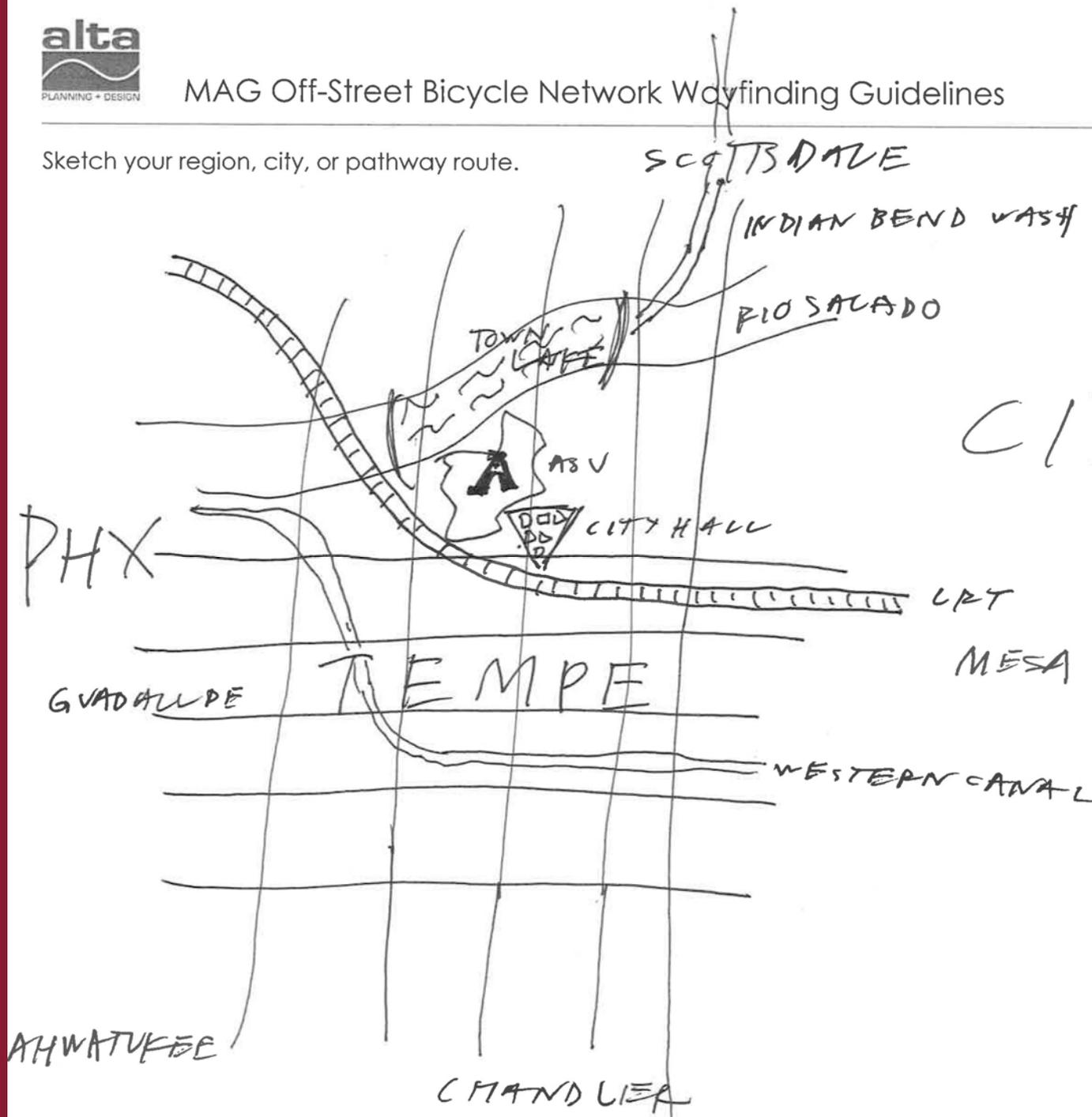


Input: City Map



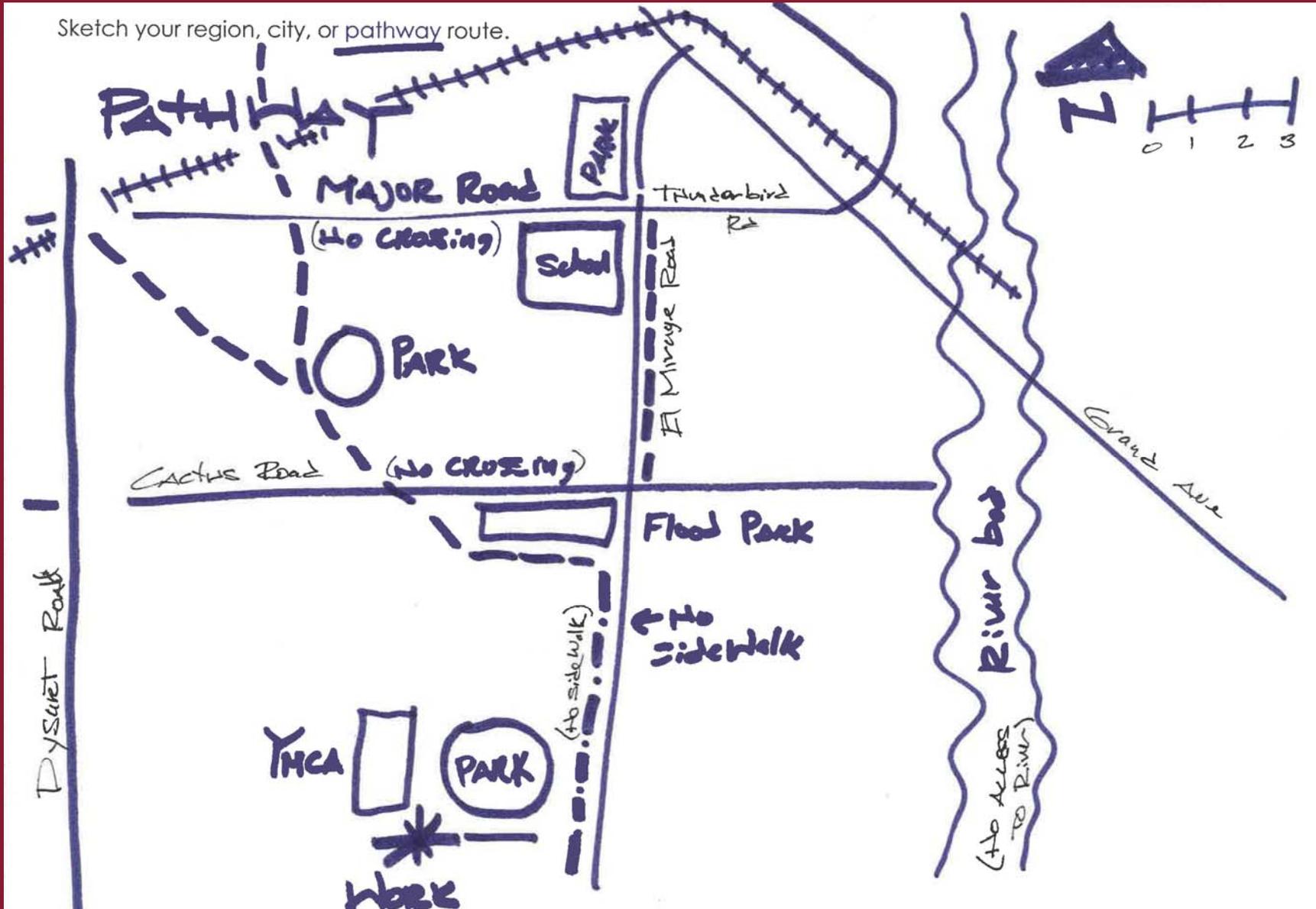
MAG Off-Street Bicycle Network Wayfinding Guidelines

Sketch your region, city, or pathway route.



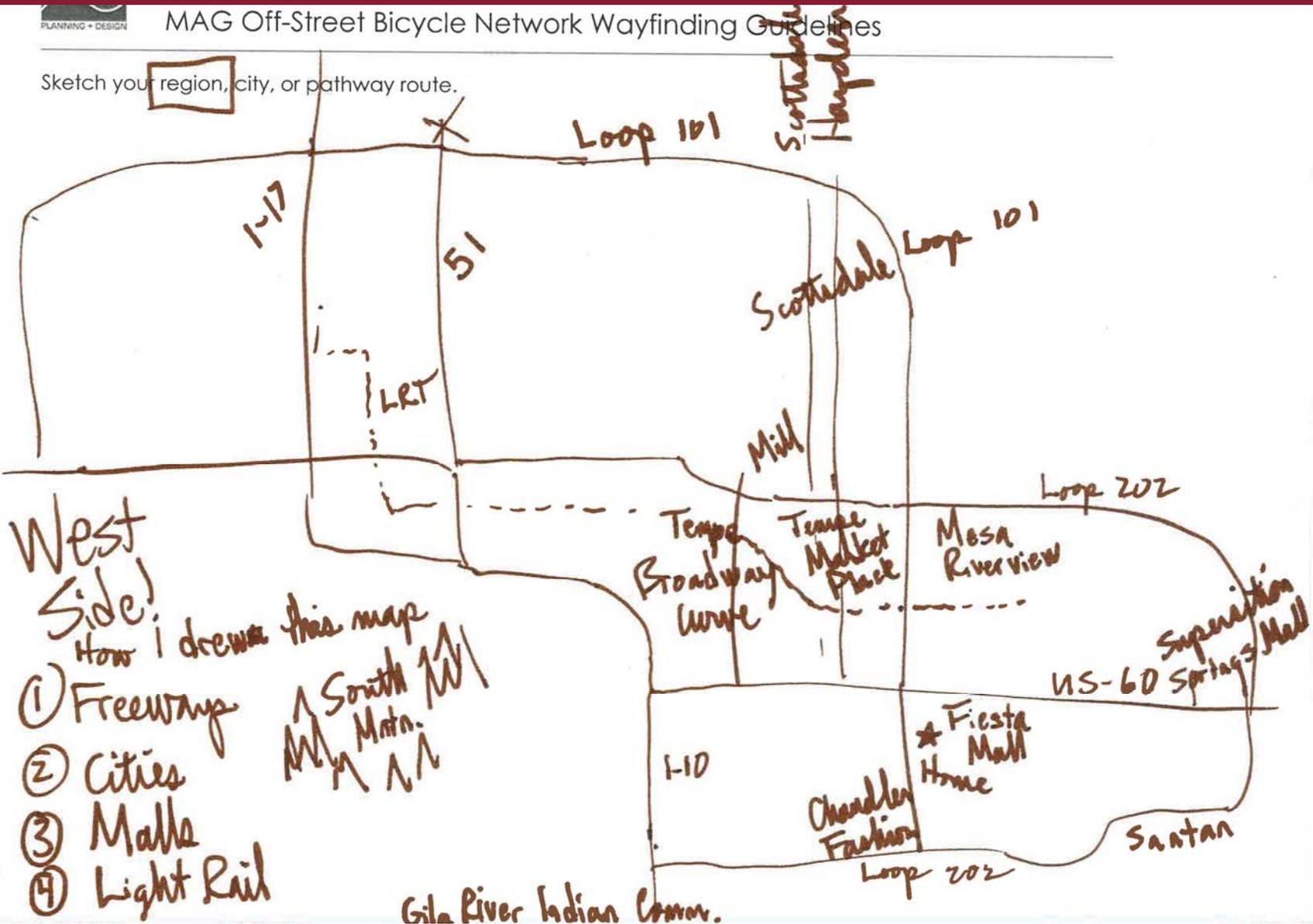
Input: Pathway Map

Sketch your region, city, or pathway route.

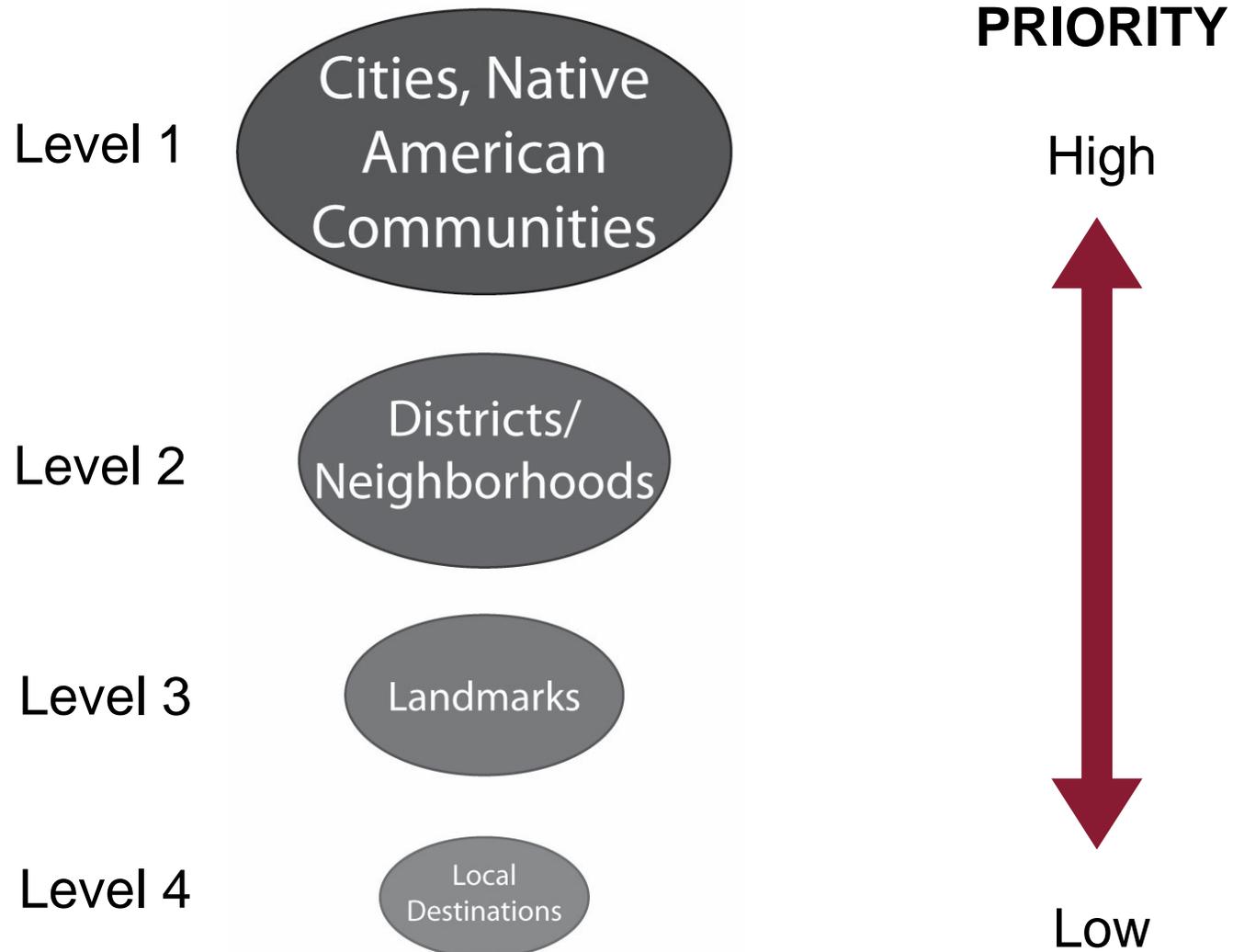


Input: Destination Hierarchy

Sketch your region, city, or pathway route.



Logic: Destination Organization



Logic: Destination Organization

Level 1 – Cities, Communities

- *27 Member Cities*
- *3 Native American Communities*
- *Major Non-Valley Cities*

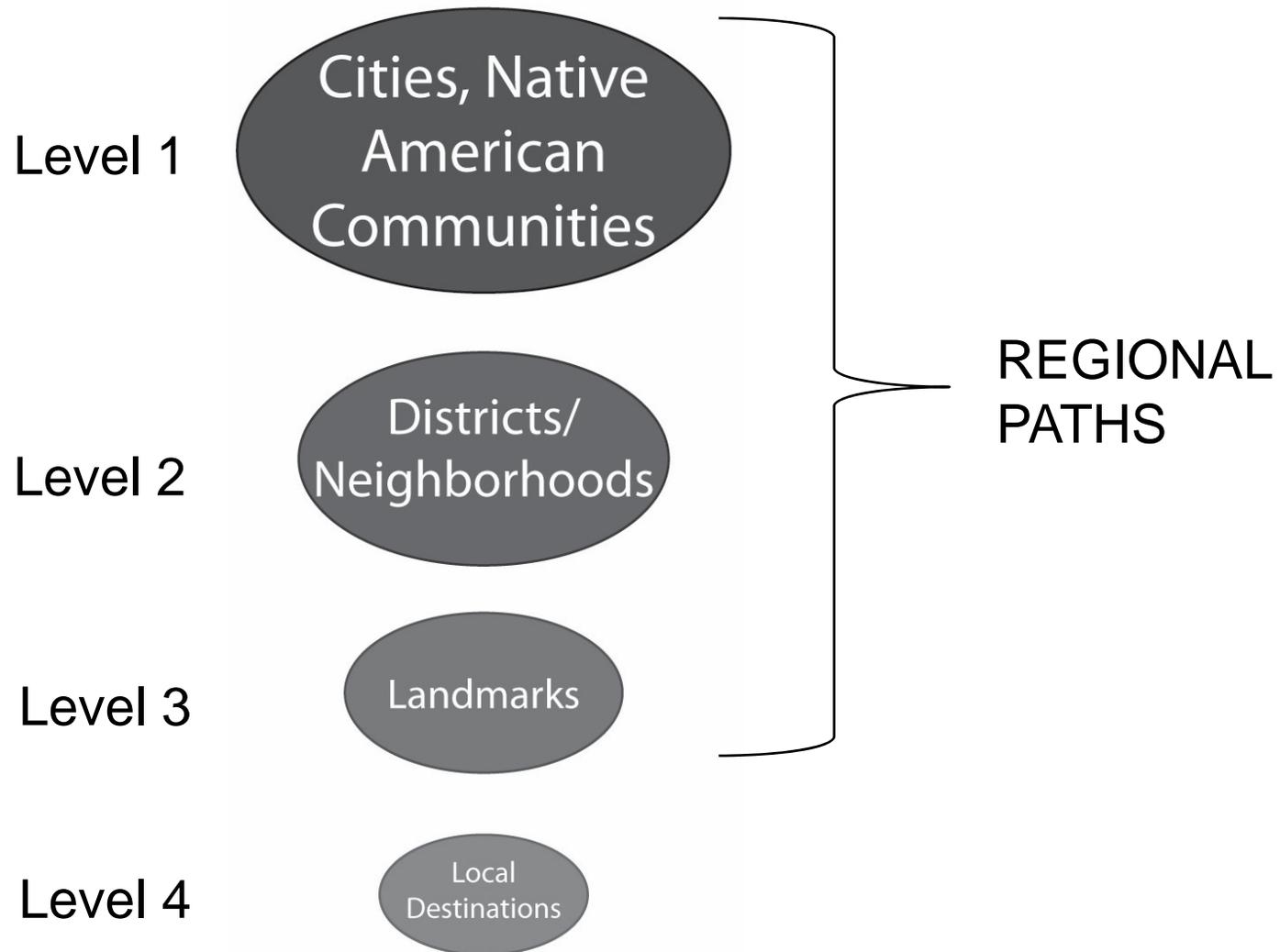
Level 2 – Districts, Neighborhoods

- *City Center*
- *Arts District*
- *University District*
- *Historic Neighborhood*

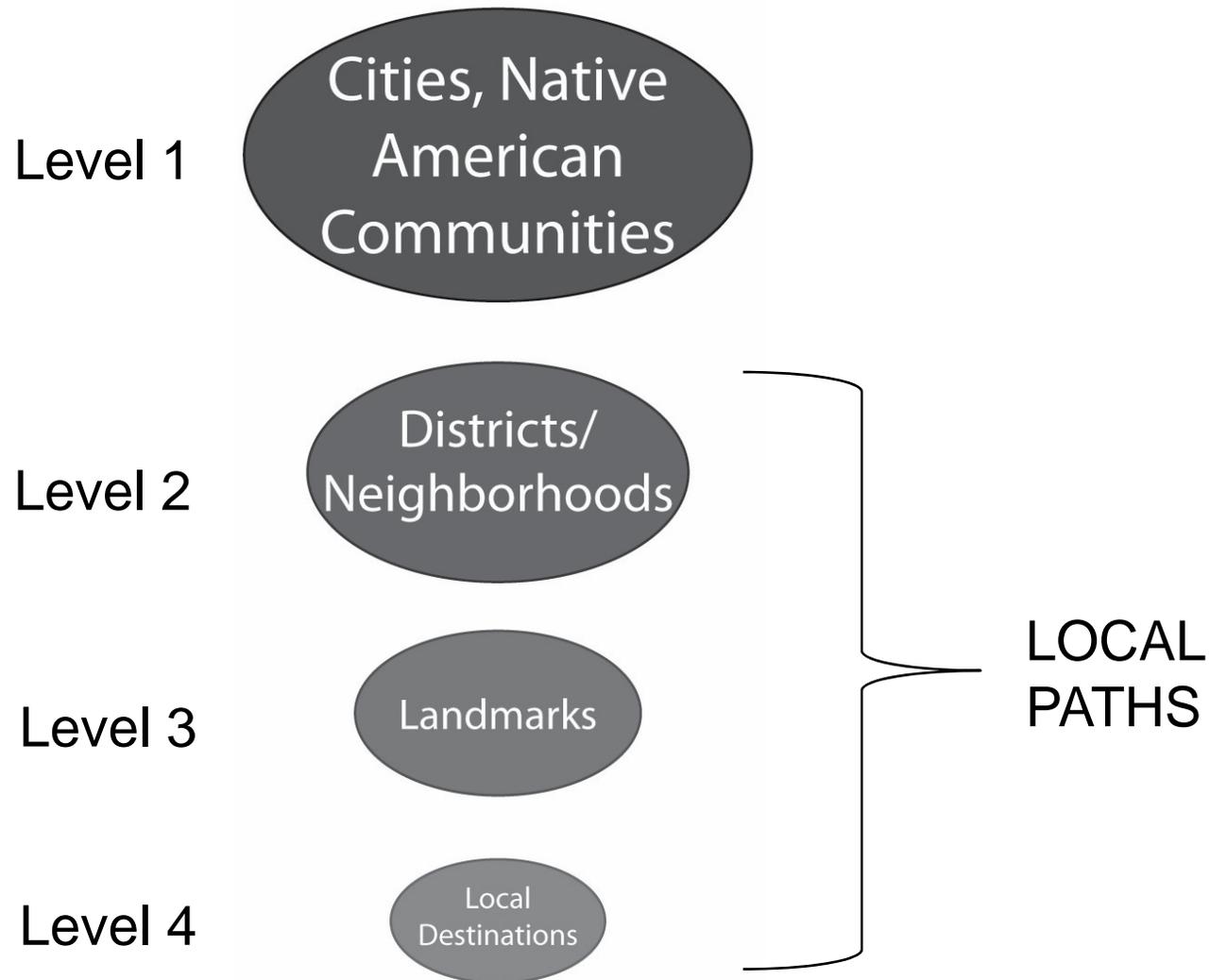
Logic: Destination Organization

	Level 3 – Landmarks	Level 4 – Local Destinations
Businesses/Services	<i>Hospital, Shopping Center, Visitor Center</i>	<i>Medical Center, Accommodations</i>
Education	<i>University, College</i>	<i>Secondary School</i>
Entertainment/Culture	<i>Performing Arts Venue, Museum, Historic Site</i>	<i>Movie Theater, Amusement Park</i>
Public Facility	<i>Library, Regional Park, Park, Transit Center</i>	<i>Local Park, Post Office, Civic Building</i>
Sports Facility	<i>Stadium, Arena, Golf Course</i>	<i>Sports Field</i>

Logic: Destination Prioritization



Logic: Destination Prioritization



Logic: Destination Distance

Cities, Native American Communities



Districts/ Neighborhoods



Landmarks



Local Destinations



Input: Destination Organization

Cities, Native
American
Communities

Districts/
Neighborhoods

Landmarks

Local
Destinations

Does the recommended organization reflect the valley in an appropriate and intuitive manner?

MAG Off-Street Bicycle Network Wayfinding Guide

Destination Selection and Prioritization

Please verify the level that each destination should occur within. A non-response shall be interpreted as general agreement with the recommended level. Destinations listed as level 1 will receive the highest priority in terms of appearing on wayfinding signs. Level 4 destinations are most likely to occur on local signs only.

Level Verification

1 2 3 4

Level 1 – Cities, Native American Communities

Valley cities

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Non-valley cities

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Native American communities

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

Other _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Input: Destination Distances

LEVEL 1

Cities / Native
American
Communities
5 miles



LEVEL 2

Districts /
Neighborhoods
2 miles



LEVEL 3 and 4

Landmarks /
Local Destinations
1 mile



Do the recommended
distances make sense given
jurisdiction configurations?

Input: Destination Distances

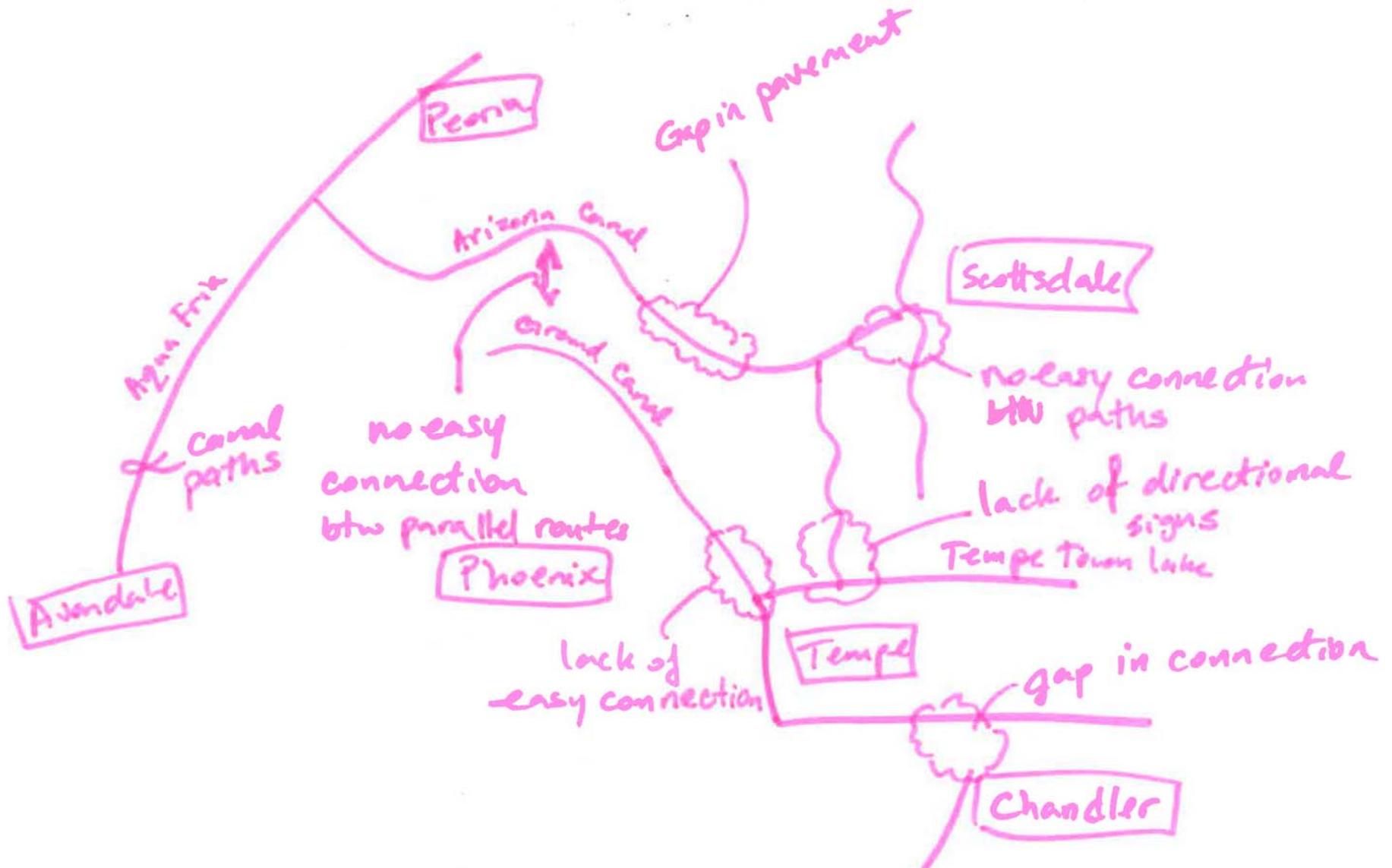
Destination Signing Maximum Distance

Please verify the maximum distance at which destinations should begin to appear on wayfinding signs.

	Distance Verification (miles)								
	0.5	1	2	3	4	5	6	8	10
Level 1 (5 miles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 2 (2 miles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 (1 miles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 4 (1 miles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fill out now or within one week. Send to Alex:
AOreschak@azmag.gov

Part 2: Wayfinding Placement

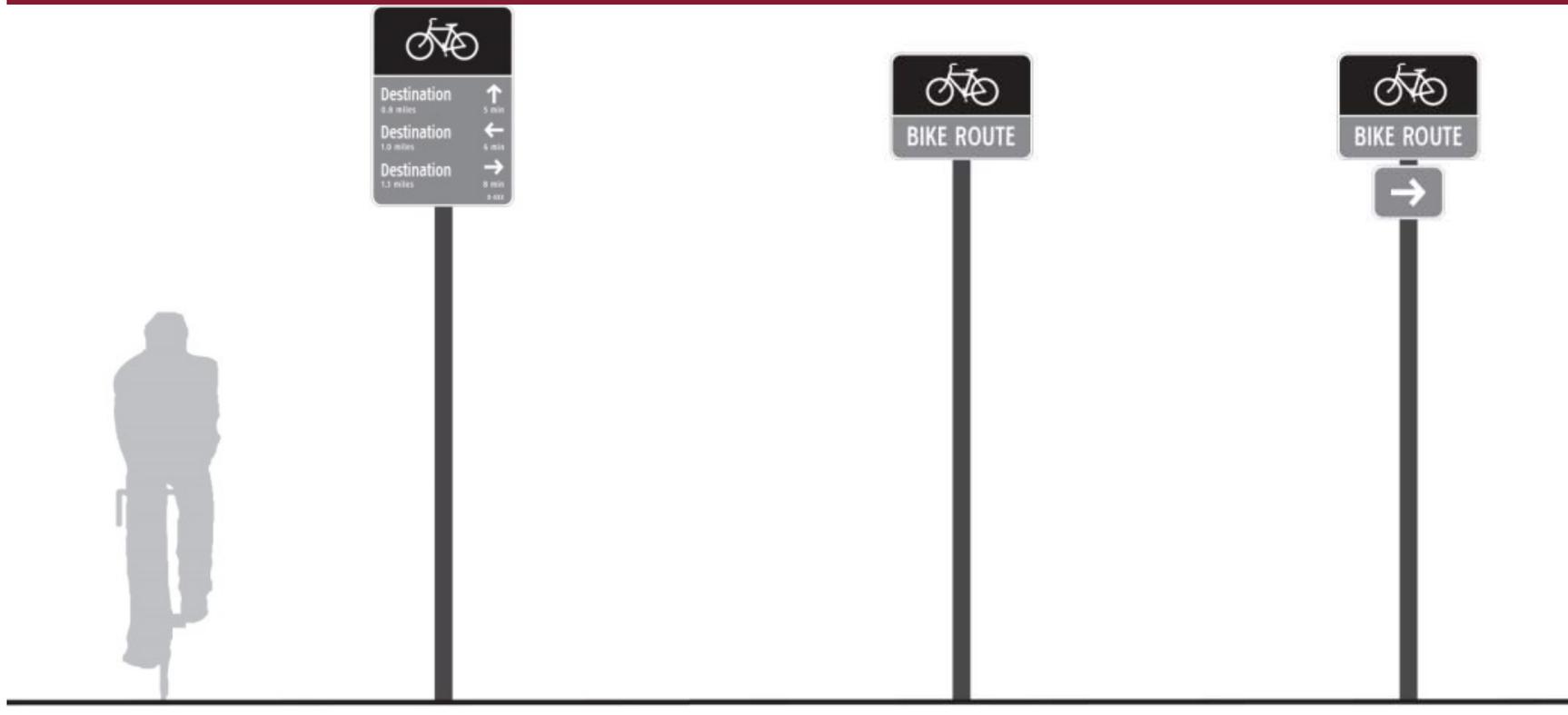


Wayfinding Challenges



- Path access points
- Path-path intersections
- Path gaps
- Off-street / on-street connections
- Path-roadway intersections
- Path bifurcations

Wayfinding Elements: Bicycle

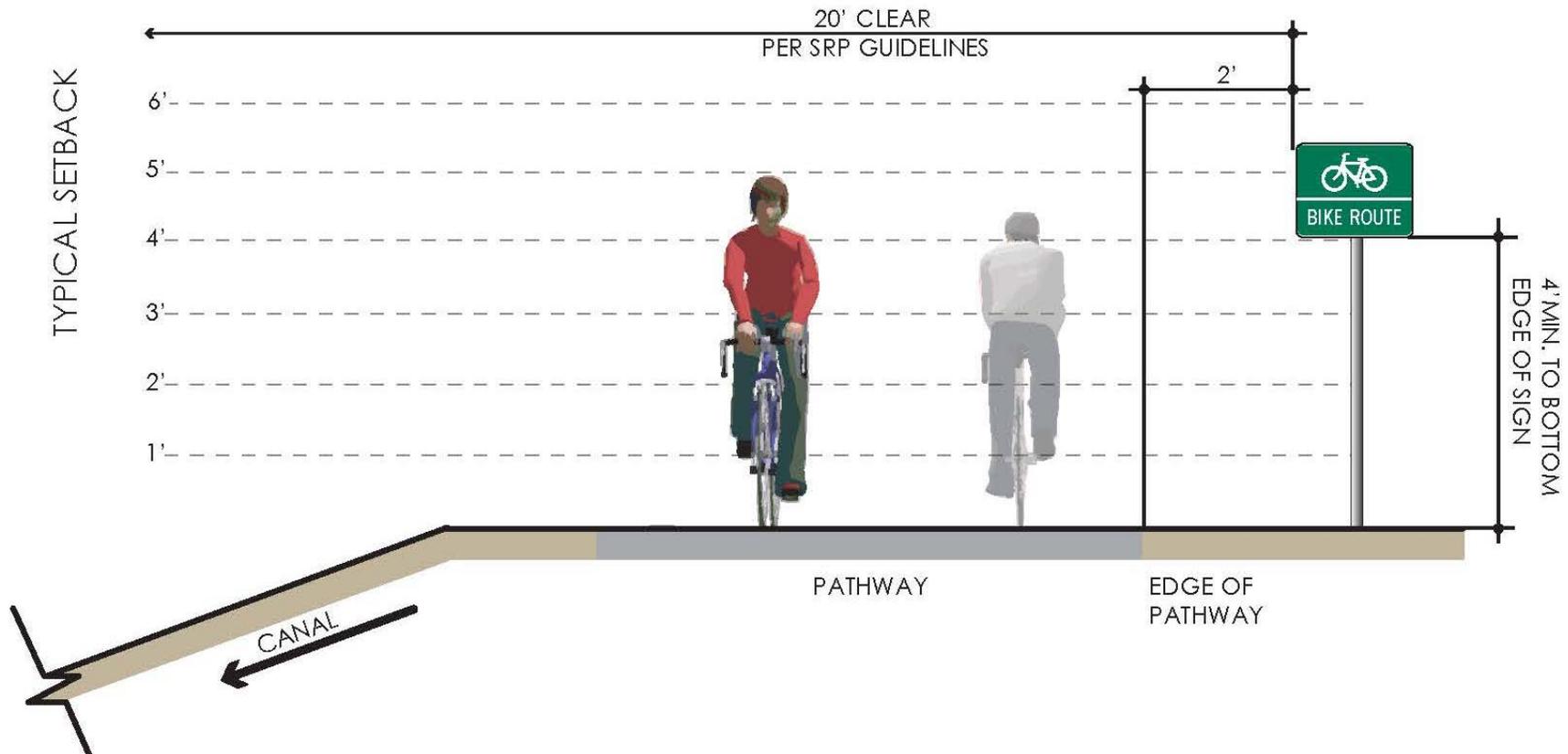


Decision

Confirmation

Turn

Typical Setback

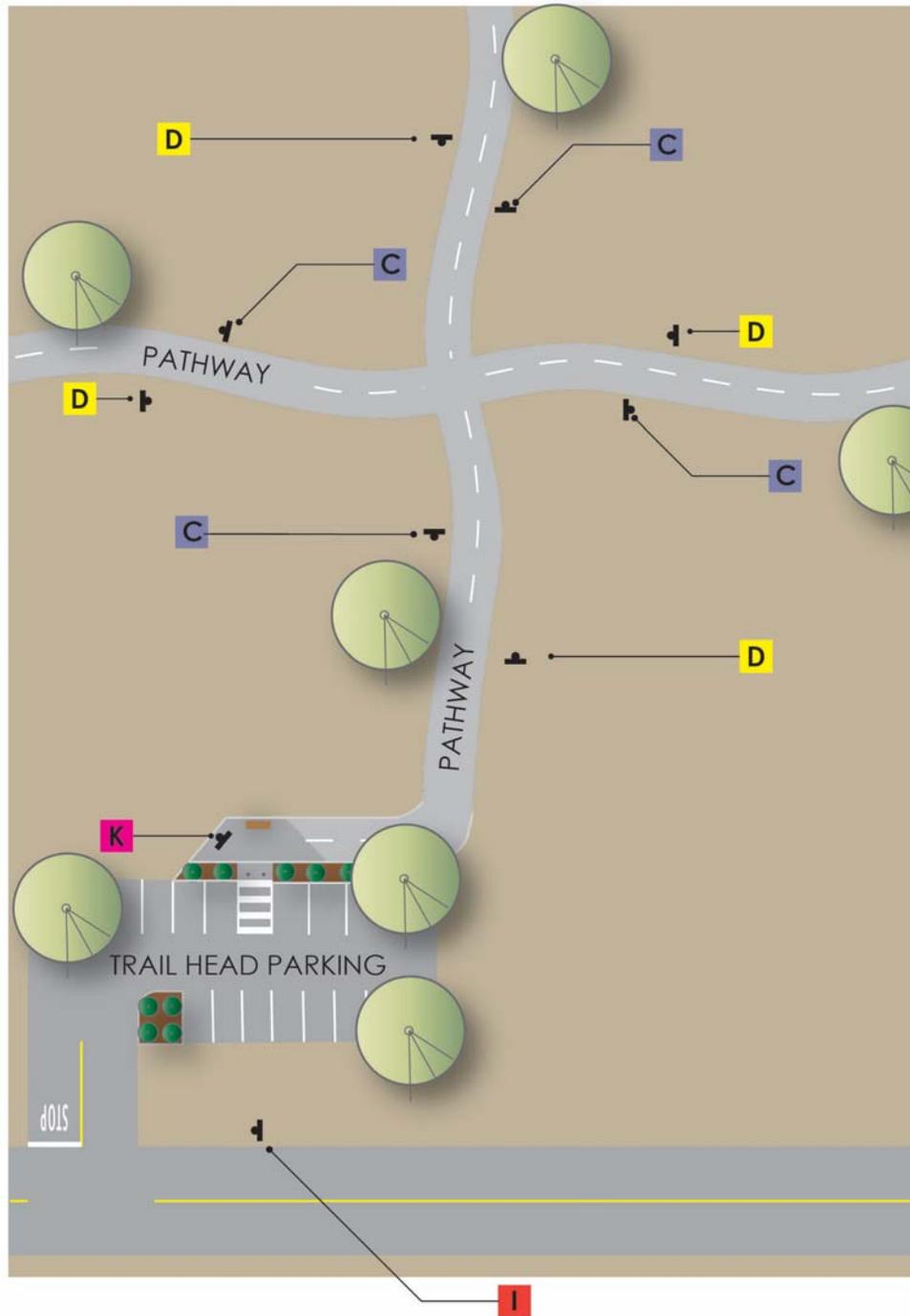


Wayfinding Elements: Supplemental



Path/Path Intersection

Path Access Points



D DECISION SIGN

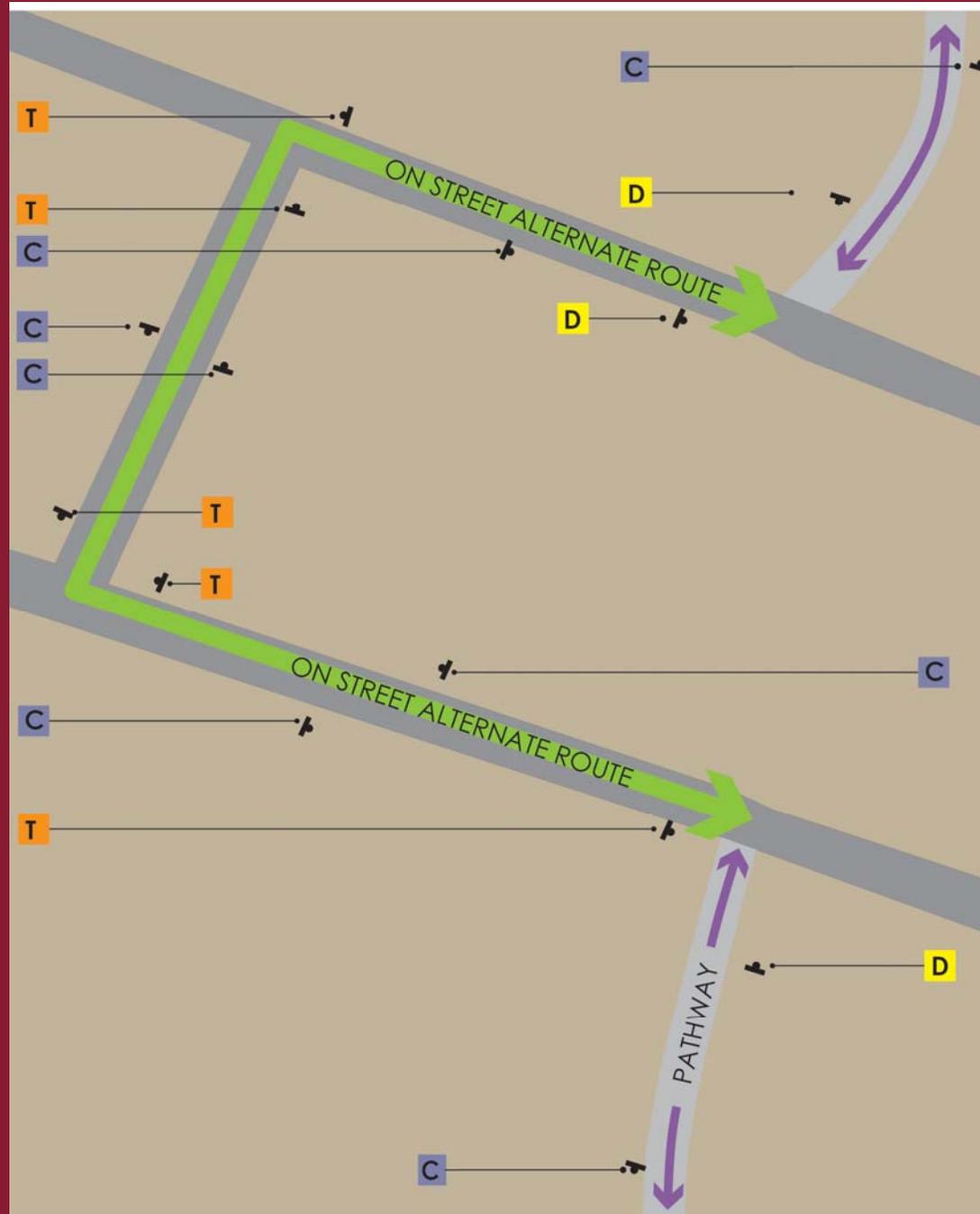


C CONFIRMATION SIGN



K KIOSK

Network Gaps



D DECISION SIGN



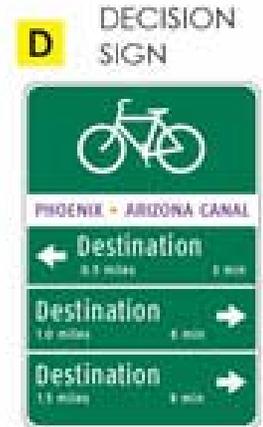
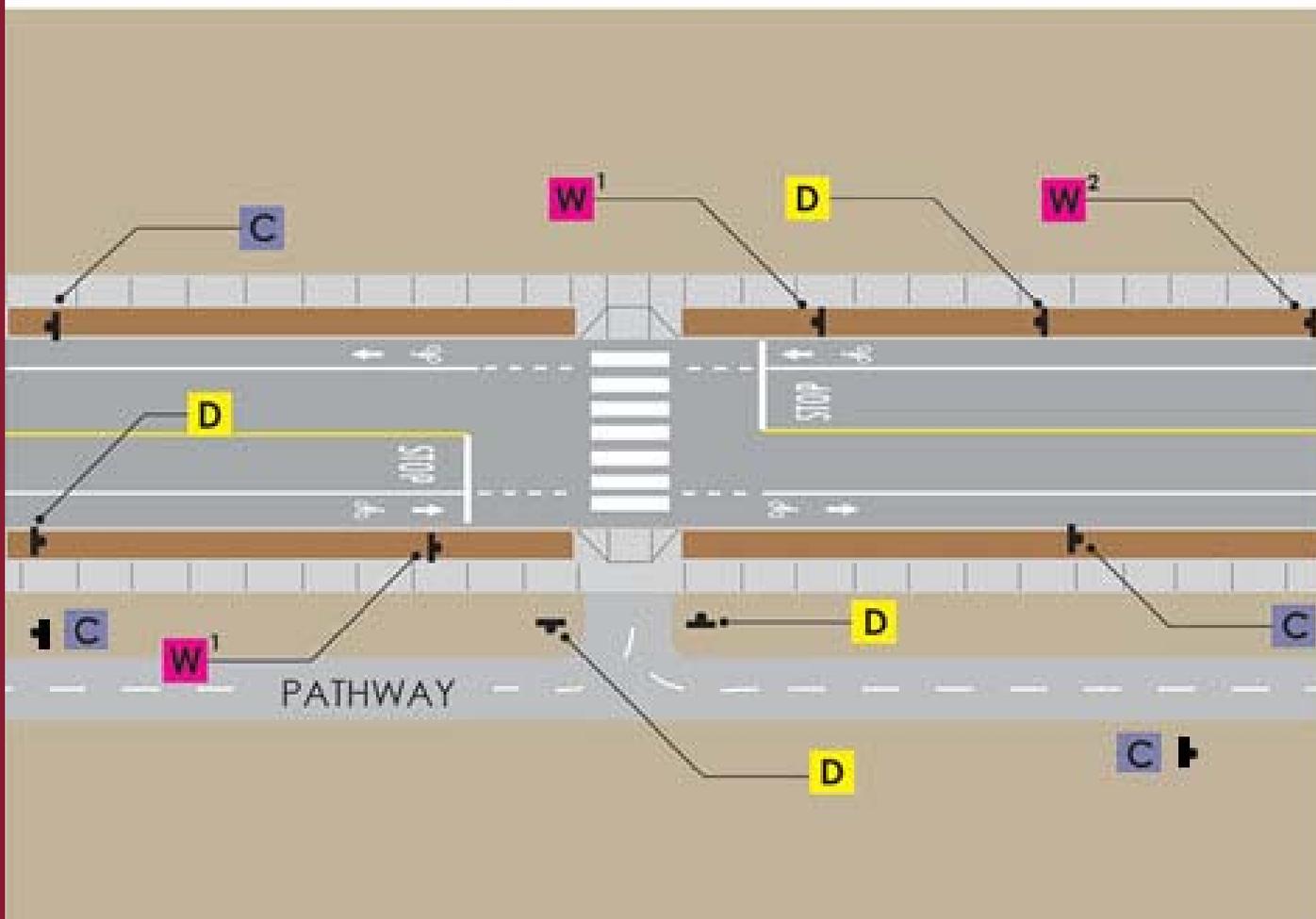
T TURN SIGN



C PATH CONFIRMATION

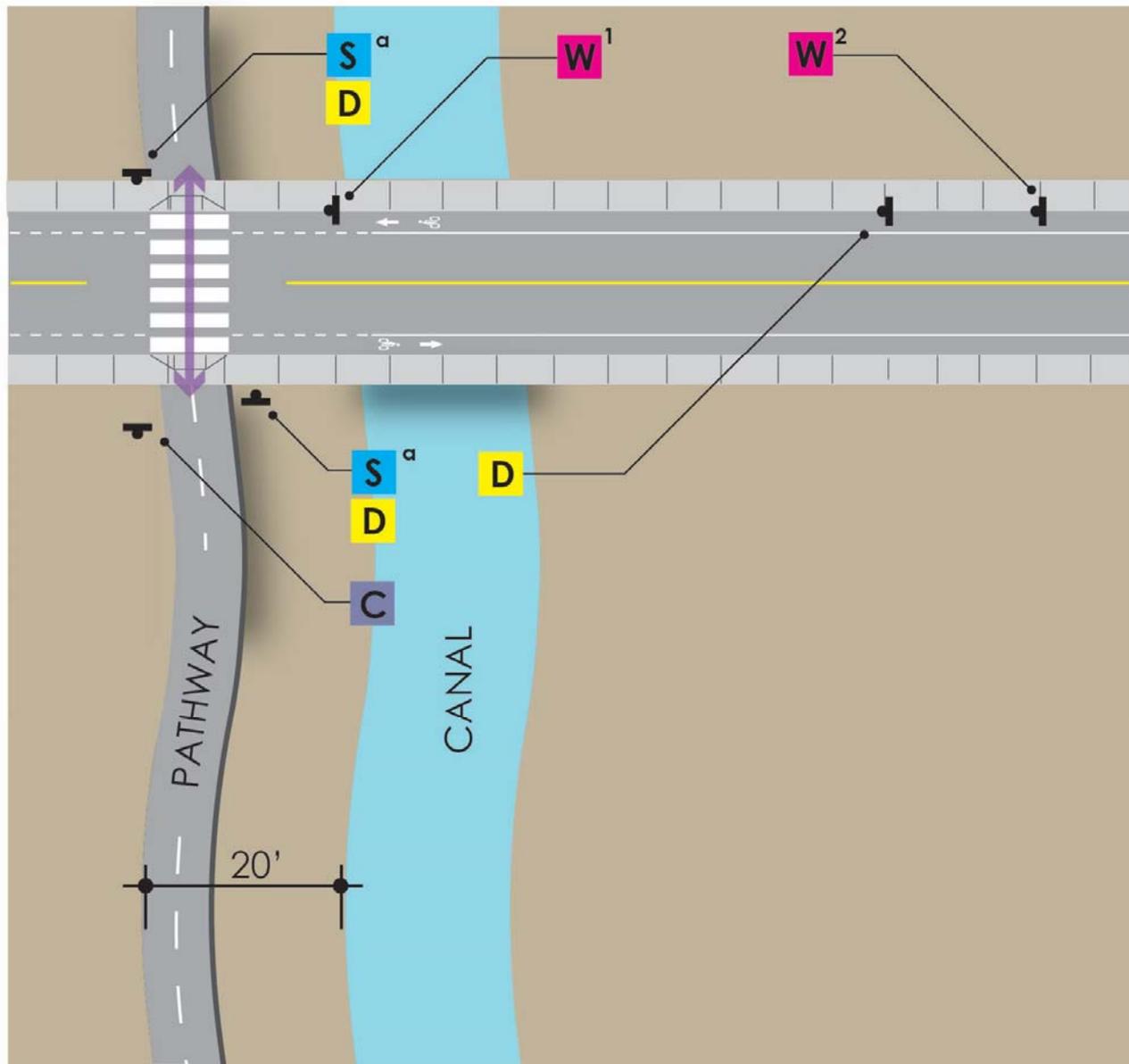


Off-Street / On-Street Connections



Optional:
per MUTCD

Path-Roadway Intersections



D DECISION SIGN



T TURN SIGN

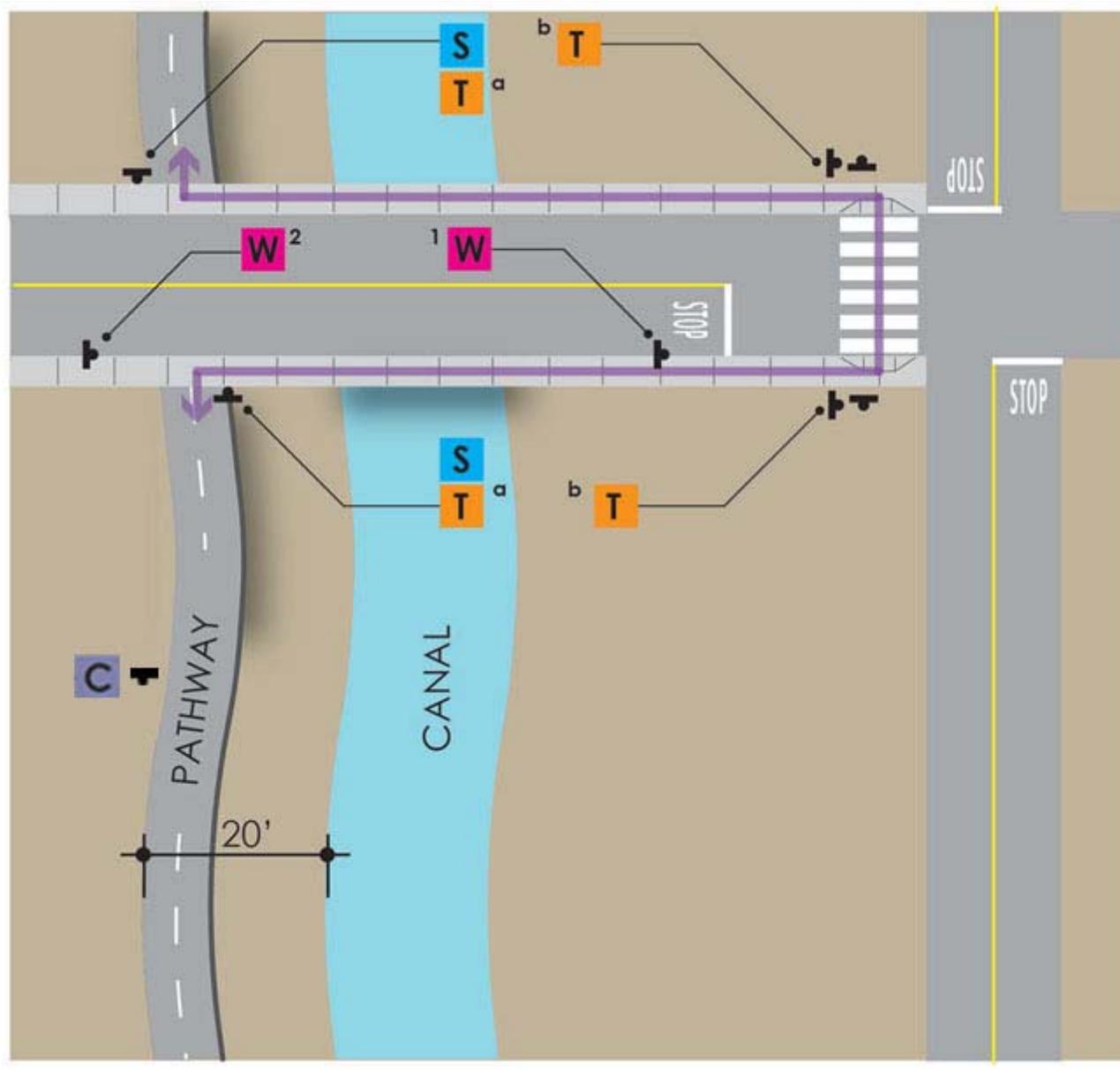


S
 STREET NAME



Optional:
 per MUTCD

Path-Roadway Intersections



D DECISION SIGN

PHOENIX → ARIZONA CANAL

← Destination
0.5 miles 3 min

Destination →
1.0 miles 6 min

Destination →
1.5 miles 9 min

T TURN SIGN

S

STREET NAME

W

1

TRAIL X-ING

←

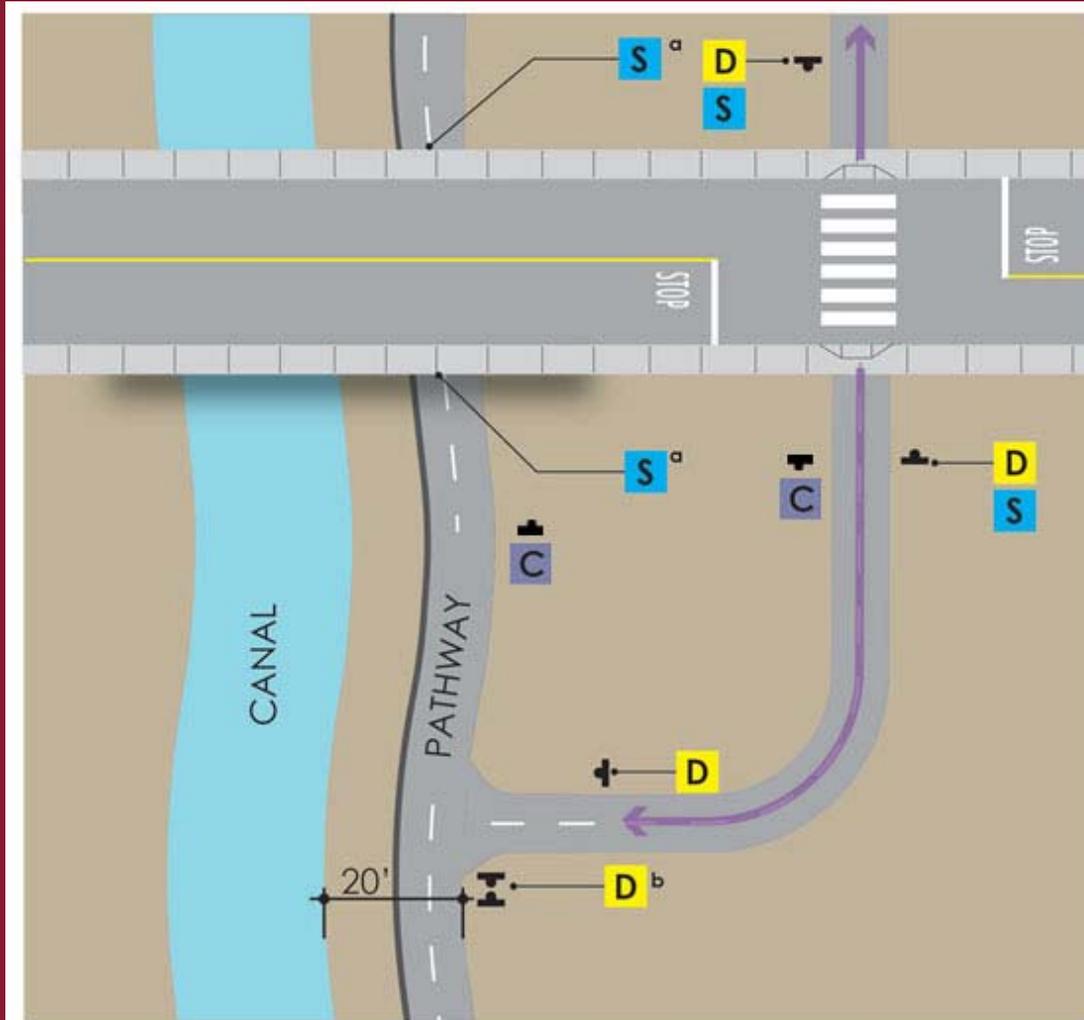
2

TRAIL X-ING

XXX FT

Optional:
per MUTCD

Path Bifurcations



NOTES:

- a. MOUNT TO UNDERSIDE OF BRIDGE
- b. OK TO MOUNT TWO SIGNS PER POLE. SIGNS TO BE PLACED PERPENDICULAR TO DIRECTION OF TRAVEL.

D DECISION SIGN

T TURN SIGN

C CONFIRMATION SIGN

S

Input: Placement Scenarios



Do the placement scenarios typify valley pathway conditions?

Committee Direction for Branded Signs

Committee Direction for Branded Signs

Design should be:

Simple - Not a lot of parts and pieces

Elegant - Clean, contemporary, right scale

Durable - Flooding, sun and vandalism

Functional - Conveys the message

Affordable - Cost of sign and maintenance

Adaptable - Lighting option, City logo option,
urban and rural locations

Committee Direction for Branded Signs

Materials

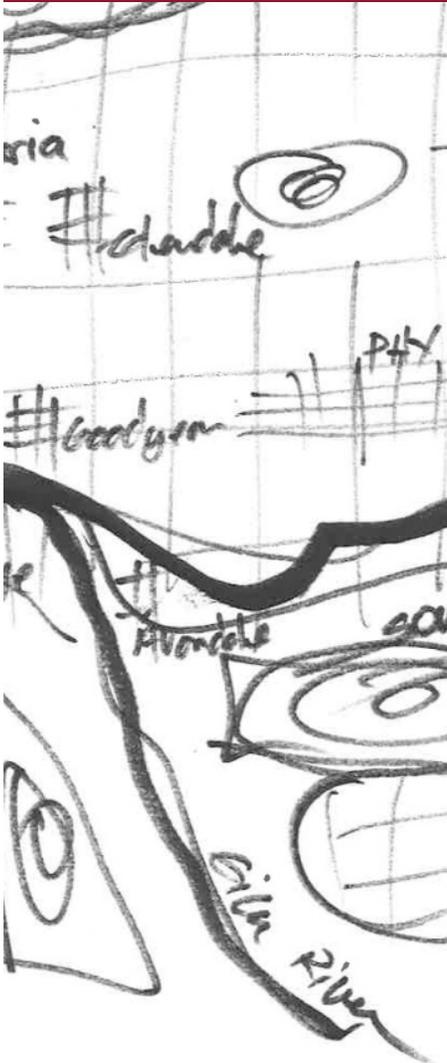
No corrugated steel

Gabions (split comments)

Maintainable with typical sign shop equipment

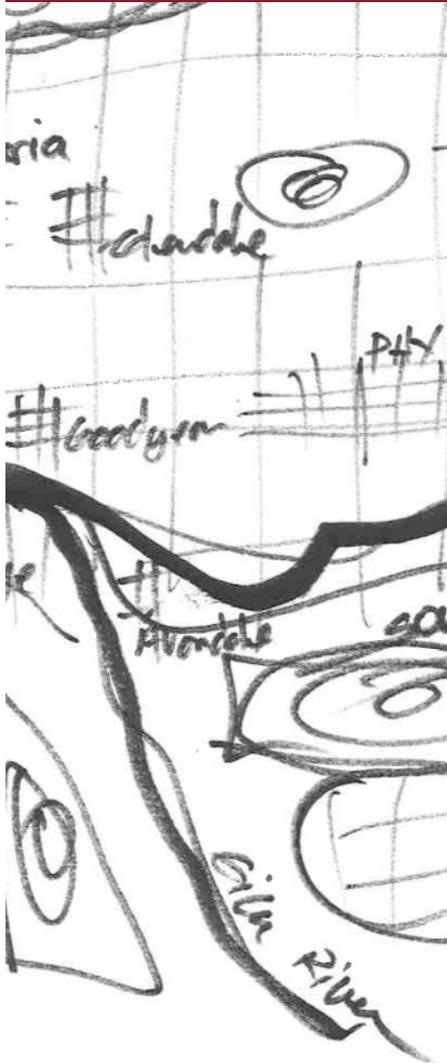
Limited "nooks and crannies"

Next Steps



- Logo verification/refinement
- Wayfinding family design
- Logic and placement refinements
- Draft wayfinding guidelines

Thank You



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