CHATTAHOOCHEE RIVER GREENWAY STUDY

FOR THE CHATTAHOOCHEE RIVERLANDS

GEORGIA PLANNING ASSOCIATION
FALL CONFERENCE
OCTOBER 2nd, 2019

SCAPE

Chattahoochee RiverLands

THE WATERSHED

THE RIVERLANDS

LAKE LANIER
I-985
CUMMING
FORSYTH
HALL
GWINNETT
BUFORD
GA - 400
SUWANEE
I-75
ROSWELL
JOHNS CREEK
DULUTH
SUB-AREA 1
MARIETTA
PEACHTREE CORNERS
I-85
SANDY SPRINGS
VININGS
I-285
GA - 400
GWINNETT DEKALB
I-285
AUSTELL
PAULDING
DOUGLAS
SUB-AREA 2
ATLANTA
FULTON DEKALB
I-20
I-285
SUB-AREA 3
MCWHORTER
CAMPBELLTON
FULTON CLAYTON
DOUGLAS CARROLL
CHATTAHOOCHEE HILLS
I-85
FULTON COWETA
WHITESBURG
I-75
CARROLL HEARD
YELLOW DIRT
CHATTAHOOCHEE BEND STATE PARK
SARGENT

PROJECT AREA
ATLANTA
GEORGIA
ALABAMA
CHATTAHOOCHEE RIVER BASIN
I-20
FLORIDA

THE RIVERLANDS

THE CHATTAHOOCHEE RIVERLANDS GREENWAY STUDY

MEET THE TEAM

PROJECT MANAGEMENT TEAM

ARC

THE TRUST FOR PUBLIC LAND

COBB COUNTY STATE OF GEORGIA 1832

RESURGENS 1847 1865 ATLANTA, GA.

DESIGN TEAM

SCAPE

Gresham Smith

Biohabitats

NEW SOUTH ASSOCIATES
PROVIDING PERSPECTIVES ON THE PAST

EDWARDS PITMAN

DR. NA'TAKI OSBORNE JELKS, MPH

DR. RICHARD MILLIGAN

CHATTAHOOCHEE WORKING GROUP

SUB-AREA COMMITTEES

COMMUNITY MEMBERS

THE GREENWAY PLAN

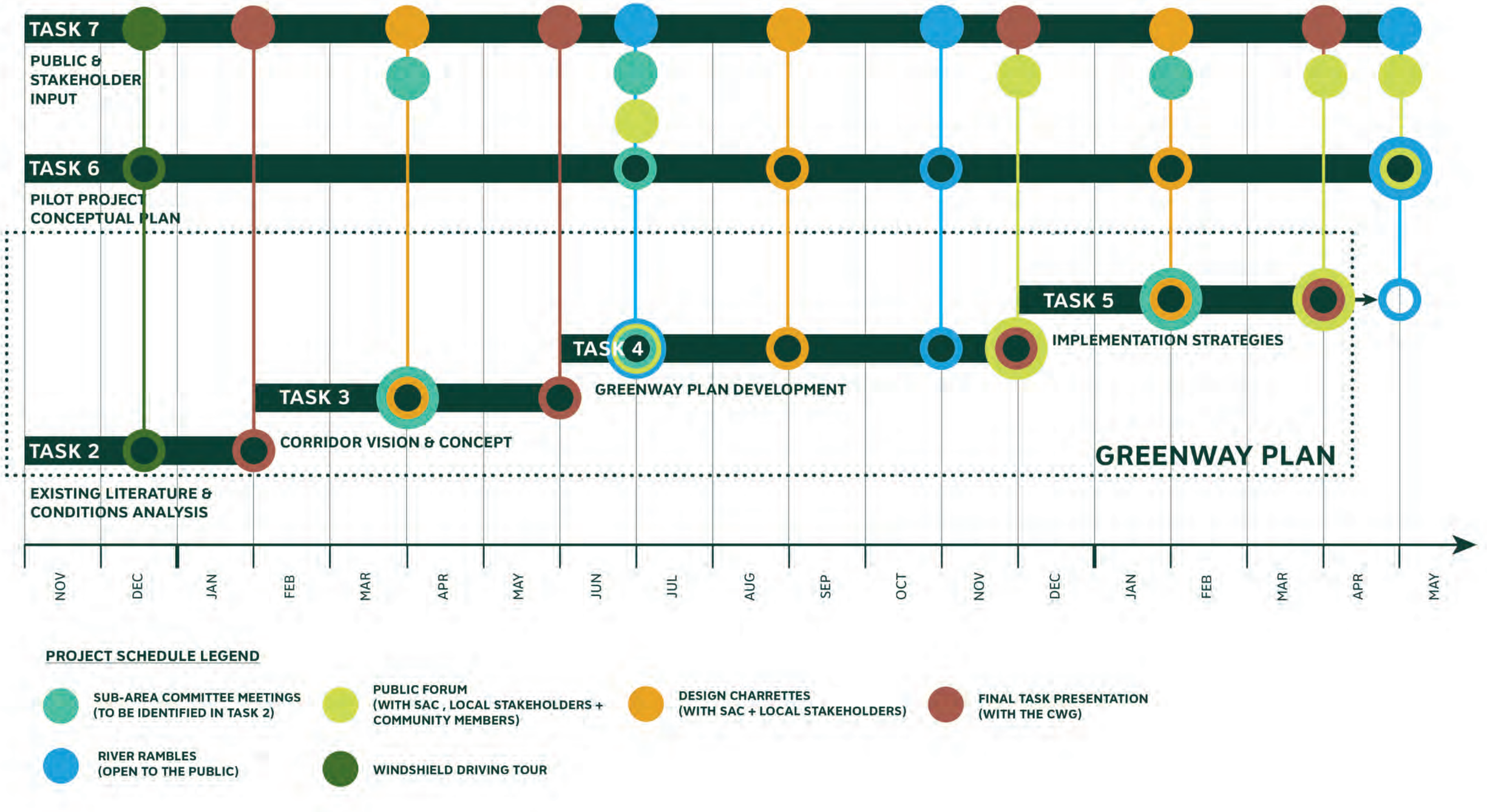
CHATTAHOOCHEE RIVER GREENWAY PLAN

- Envision one seamless and fully functional public realm along the Chatta-hoochee River
- Create a new inclusive vision for the River's future that will raise public awareness
- Improve connections and access and identify potential for greenspace and park development
- Build on a legacy of ecological conservation and protection
- Guide investment in the region

PILOT SITE

- Embrace the spirit of the greenway study and develop a concept-level de-sign for a 1.5 mile local trail in Cobb County
- Opportunity to test proposals against permitting agencies

PROJECT SCHEDULE



PROJECT SCHEDULE LEGEND

- SUB-AREA COMMITTEE MEETINGS (TO BE IDENTIFIED IN TASK 2)
- PUBLIC FORUM (WITH SAC , LOCAL STAKEHOLDERS + COMMUNITY MEMBERS)
- DESIGN CHARRETTES (WITH SAC + LOCAL STAKEHOLDERS)
- FINAL TASK PRESENTATION (WITH THE CWG)
- RIVER RAMBLES (OPEN TO THE PUBLIC)
- WINDSHIELD DRIVING TOUR

DRIVING TOUR

DRIVING TOUR

SCAPE

STAKEHOLDER MEETINGS

Nathan Farnau and Jerry Hightower at Stakeholder Meeting #1

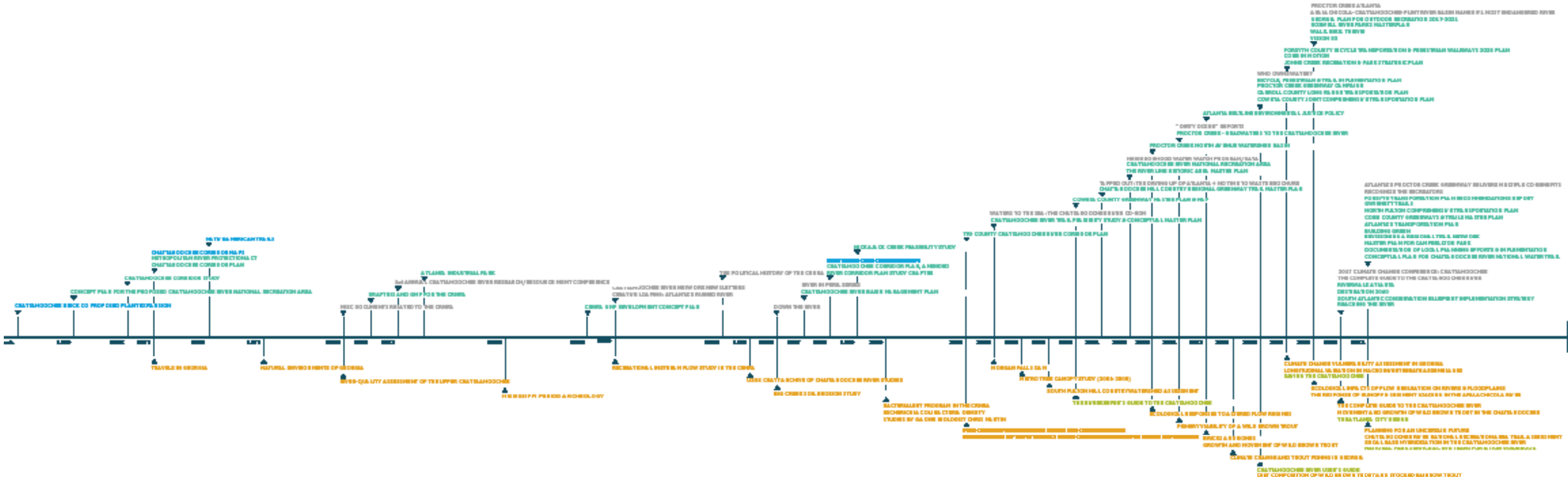
Stakeholder Meeting #3

Stakeholder Meeting #2

Stakeholder Meeting #3

PUBLIC MEETINGS - MAPPING EXERCISE

PUBLIC MEETINGS - MODEL EXERCISE



LEGEND

- ARTICLES & PAPERS
- BOOKS
- PLANS & STUDIES
- MAPS
- OTHER

SCAPE

RIVER LEGACY

CHATTHOOCHEE RIVER CORRIDOR STUDY - 1972

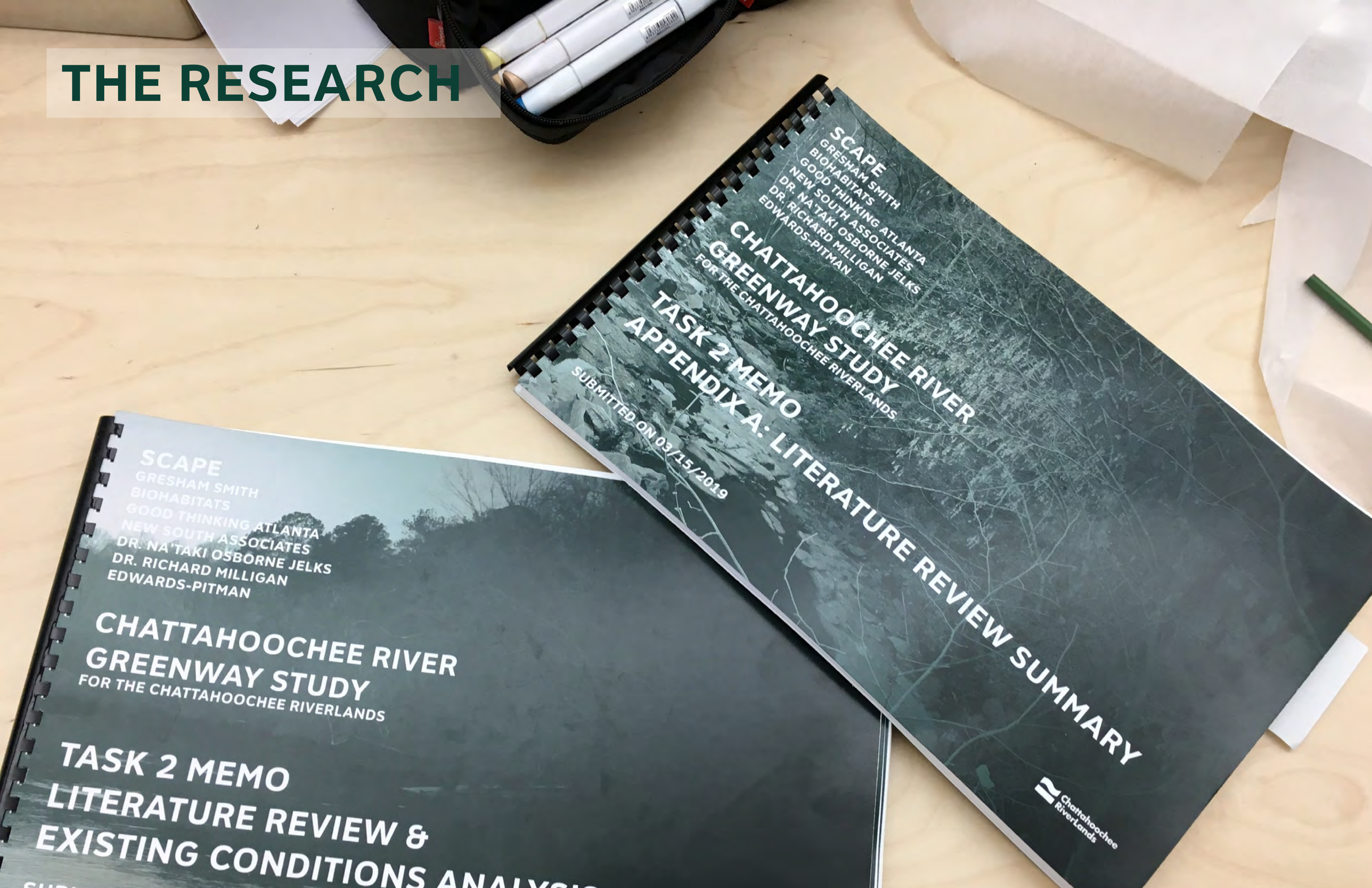
CRNRA DESIGNATION - 1978

WATER QUALITY IMPROVEMENTS

TASK 2 :

INVENTORY OF EXISTING CONDITIONS

THE RESEARCH



1838 TRAIL OF TEARS ROUND-UP POINT

ETOWAH VILLAGE

WESTERN & ATLANTIC RAILROAD ESTABLISHED ATLANTA AS AN IMPORTANT RAILROAD JUNCTION

1838 TRAIL OF TEARS CEDAR TOWN ENCAMPMENT

THE RIVER AS BOUNTY

Fish weirs are visible traces of the longest, continuous occupation of human settlements in the US - built over 2,000 years. Semi-nomadic mound builders collected along the River's fertile banks.

THE RIVER AS BOUNTY

The river and its tributaries were the primary source of power for mills and industry leading to the development of the first towns along the River in the 1800s.

THE RIVER AS BORDER

The Chattahoochee River served as a border between encroaching white settlers and the remaining Cherokee and Creek lands to the west. Chief William McIntosh was a controversial chief of the Lower Creeks. In 1821, McIntosh negotiated the Treaty of Indian Springs giving away large portions of the Creeks' land to the state of Georgia. By 1838, all Native People had been removed from Georgia.

1838 TRAIL OF TEARS ROUND-UP POINT

1838 TRAIL OF TEARS ROUND-UP POINT

CUMMING

NATIVE AMERICAN FISH WEIRS

BUFORD DAM - 1956

JAMES CREEK

RICHLAND CREEK

DICKS CREEK

LEVEL CREEK

BUFORD

SUWANEE CREEK

SUWANEE

ROSWELL

VICKERY CREEK

WILLEO CREEK

JOHNS CREEK

SHELTONVILLE

JONES BRIDGE SHOALS

SHALLOW FORD

DULUTH

MORGAN FALLS DAM + ATLANTA'S STREETCARS

THE RIVER AS BOUNTY

At the turn of the 20th Century, the Chattahoochee River powered the region's public transit system of electric streetcars that connected the urban core of Atlanta with outerlying greenspaces including the Chattahoochee River.

HISTORIC MARIETTA PAPER MILL

SOPE CREEK

ROTTENWOOD CREEK

MARSH CREEK

LONG ISLAND CREEK

NANCY CREEK

CROOKED CREEK

HIGHTOWER (ETOWAH) TRAIL

PEACHTREE TRAIL

VININGS

NICK A JACK CREEK

SWEETWATER CREEK

STANDING PEACHTREE

THE CHATTAHOOCHEE BRICK COMPANY

JOHNSTON'S RIVER LINE

PROCTOR CREEK

SAND TOWN TRAIL

UTOY CREEK

ATLANTA

I-20

ANNEWAKEE CREEK

BUZZARDS ROOST ISLAND

CAMP CREEK

CAMPBELLTON FERRY AND SHOALS

CAMPBELLTON

OLD CAMPBELLTON FERRY CROSSING

THE RIVER AS BORDER

The river's natural fords, a historic focus of traffic along the river, gave way to ferries that began operation in the early nineteenth century. For a fee, ferries would transport individuals and cargo across the river. By 1835, approximately a dozen ferries were in operation, connecting to Hightower Trail and Old Alabama Road. By World War II, bridges had replaced most ferries.

DOG RIVER

BEAR CREEK

SNAKE RIVER

I-85

ROSCOE-DUNAWAY GARDENS HISTORIC DISTRICT

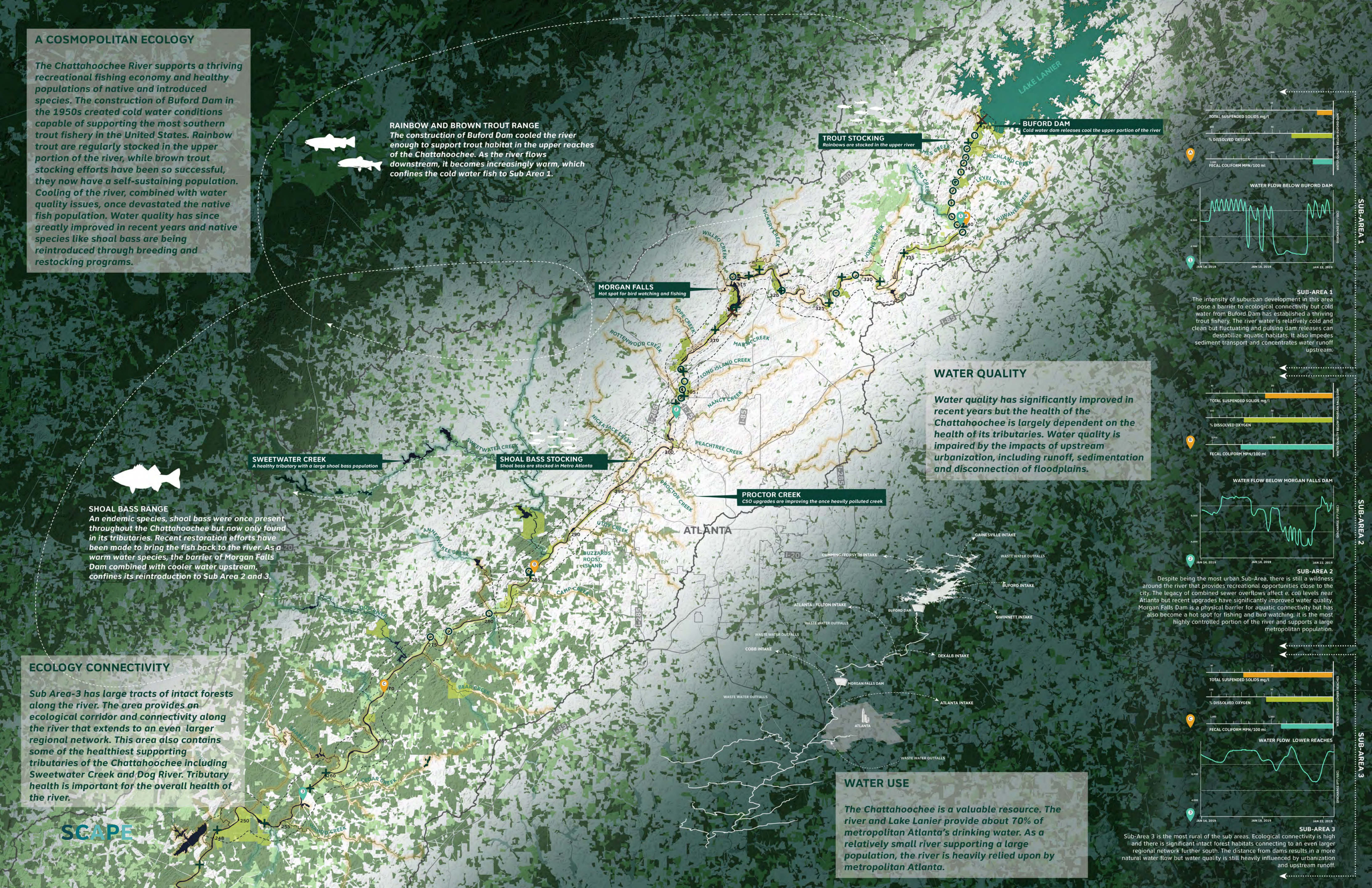
MCINTOSH RESERVE

WAHOO CREEK

CHATTAHOOCHEE BEND STATE PARK

A COSMOPOLITAN ECOLOGY

The Chattahoochee River supports a thriving recreational fishing economy and healthy populations of native and introduced species. The construction of Buford Dam in the 1950s created cold water conditions capable of supporting the most southern trout fishery in the United States. Rainbow trout are regularly stocked in the upper portion of the river, while brown trout stocking efforts have been so successful, they now have a self-sustaining population. Cooling of the river, combined with water quality issues, once devastated the native fish population. Water quality has since greatly improved in recent years and native species like shoal bass are being reintroduced through breeding and restocking programs.



WATER QUALITY

Water quality has significantly improved in recent years but the health of the Chattahoochee is largely dependent on the health of its tributaries. Water quality is impaired by the impacts of upstream urbanization, including runoff, sedimentation and disconnection of floodplains.

SUB-AREA 1

The intensity of suburban development in this area pose a barrier to ecological connectivity but cold water from Buford Dam has established a thriving trout fishery. The river water is relatively cold and clean but fluctuating and pulsing dam releases can destabilize aquatic habitats. It also impedes sediment transport and concentrates water runoff upstream.

SUB-AREA 2

Despite being the most urban Sub-Area, there is still a wildness around the river that provides recreational opportunities close to the city. The legacy of combined sewer overflows affect *e. coli* levels near Atlanta but recent upgrades have significantly improved water quality. Morgan Falls Dam is a physical barrier for aquatic connectivity but has also become a hot spot for fishing and bird watching. It is the most highly controlled portion of the river and supports a large metropolitan population.

SUB-AREA 3

Sub-Area 3 is the most rural of the sub areas. Ecological connectivity is high and there is significant intact forest habitats connecting to an even larger regional network further south. The distance from dams results in a more natural water flow but water quality is still heavily influenced by urbanization and upstream runoff.

ECOLOGY CONNECTIVITY

Sub Area-3 has large tracts of intact forests along the river. The area provides an ecological corridor and connectivity along the river that extends to an even larger regional network. This area also contains some of the healthiest supporting tributaries of the Chattahoochee including Sweetwater Creek and Dog River. Tributary health is important for the overall health of the river.

WATER USE

The Chattahoochee is a valuable resource. The river and Lake Lanier provide about 70% of metropolitan Atlanta's drinking water. As a relatively small river supporting a large population, the river is heavily relied upon by metropolitan Atlanta.

INCREASING DIVERSITY

The Atlanta metro area as a whole is becoming increasingly diverse with its fastest growing areas located outside of the City of Atlanta. Inclusivity must be central in the approach to developing the Greenway. The Greenway should strive to be a resource for the growing diverse population and pave the way for more inclusive and accessible green space.

POPULATION GROWTH

The Atlanta metro population is projected to grow by 2.5 million people by 2040. The Chattahoochee River Greenway will be an invaluable resource to meet growing demands for urban green space and active transportation and can play a role in reducing impacts of this growing population on riparian habitats and streamflow.

EMPOWERING WATERSHED COMMUNITIES

The Greenway should strive to empower local leaders like the Proctor Creek Stewardship Council, who have taken a grassroots, comprehensive watershed approach to improving the ecological health of the creek's watershed and the quality of life for all its people.

ENVIRONMENTAL JUSTICE TARGET AREA: GA-400 CORRIDOR

ENVIRONMENTAL JUSTICE TARGET AREA: HOLCOMB BRIDGE ROAD CORRIDOR

ENVIRONMENTAL JUSTICE TARGET AREA: I-20 CORRIDOR

ENVIRONMENTAL JUSTICE TARGET AREA: PROCTOR CREEK WATERSHED

CUMMING
BUFORD
SUWANEE
ROSWELL
JOHNS CREEK
DULUTH
PEACHTREE CORNERS
MARIETTA
SANDY SPRINGS
VININGS
AUSTELL
ATLANTA
MCWHORTER
CAMPBELLTON
CHATTAHOOCHEE HILLS
WHITESBURG
YELLOW DIRT
SARGENT
LAKE LANIER
FULTON FORSYTH
FULTON DEKALB
GWINNETT DEKALB
FULTON CLAYTON
DOUGLAS CARROLL
FULTON COWETA
CARROLL HEARD
PAULDING
I-75
I-285
GA-400
I-20
I-85
I-985
345
340
335
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260
255
250
248

SUB-AREA 2

The middle portion of the project area is a mix of industrial land and utility easements which could facilitate greenway alignement along the river's edge. This area benefits from numerous bridges and crossing points along the river but given the high traffic volumes, bike and pedestrian safety is a concern. There are few trails and multi-use paths in the area, but the proximity of the Silver Comet Trail could be leveraged to create regional connections from the far west to the Atlanta Beltline. As the most densely populated area, special care should be given to providing numerous access points to re-connect Atlanta's population with the river and its scenic beauty.

SUB-AREA 1

The northern portion of river, north of Peachtree Creek, is dominated by a suburban fabric; low density residential houses and subdivisons. This area benefits from numerous water access points, as well as large parks encompassing a dense network of trails and multi-use paths. The presence of the Chattahoochee River National Recreation Area and its network of parks is a major asset for the greenway study but the land ownership pattern presents challenges to communities that live further away from the river.

SUB-AREA 3

The southern most portion of the river is primarily comprised of large tracts of private land, most of them being agricultural or forested areas. This ownership pattern may present challenges to access the river. Using existing right-of-way along roads or utility easements would allow the greenway to be continuous while providing periodic water access. It is interesting to note that this area has the fewest water access points and the fewest crossings relative to the rest of the project area.
The rural nature of this sub-area should be honored and celebrated through the identity of the greenway.

BIG CREEK GREENWAY
NORTHWEST CORRIDOR TRAIL / RIVER TO MOUNTAIN TRAIL
ROSWELL RIVERSIDE TRAIL
WESTERN GWINNETT TRAIL
SILVER COMET TRAIL
PATH 400
STONE MOUNTAIN TRAIL
ATLANTA BELTLINE
ARABIA MOUNTAIN PATH
TO ANNISTON, AL
CUMMING
BUFORD
SUWANEE
ROSWELL
JOHNS CREEK
DULUTH
PEACHTREE CORNERS
CUMBERLAND
SANDY SPRINGS
VININGS
AUSTELL
ATLANTA
MCWHORTER
CAMPBELLTON
CHATTAHOOCHEE HILLS
WHITESBURG
YELLOW DIRT
SARGENT
LAKE LANIER
I-75
I-85
I-20
I-285
I-575
I-185

IT'S TIME TO RECONNECT WITH THE RIVER!

THE RIVERLANDS

SUB-AREA 1
THE SUBURBAN PARKLANDS

SUB-AREA 2
THE URBAN CORE

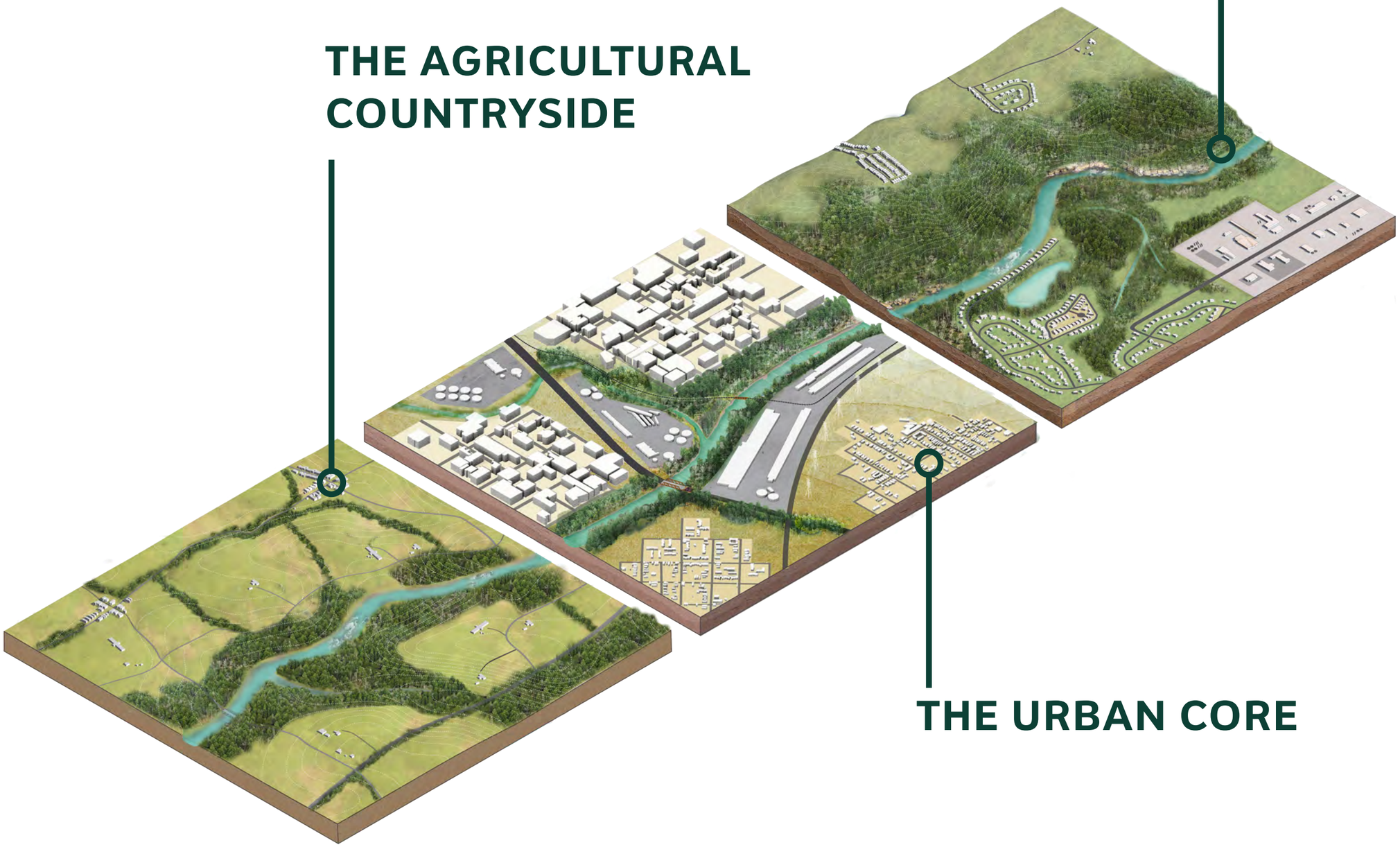
SUB-AREA 3
THE AGRICULTURAL COUNTRYSIDE

LAKE LANIER
CUMMING
BUFORD
SUWANEE
ROSWELL
JOHNS CREEK
DULUTH
PEACHTREE CORNERS
MARIETTA
SANDY SPRINGS
VININGS
AUSTELL
ATLANTA
CAMPBELLTON
MCWHORTER
CHATTAHOOCHEE HILLS
WHITESBURG
YELLOW DIRT
CHATTAHOOCHEE BEND STATE PARK
SARGENT
GA-400
I-75
I-285
I-85
I-20

THE RIVERLANDS

THE SUBURBAN PARKLANDS

THE AGRICULTURAL COUNTRYSIDE



THE URBAN CORE

THE SUBURBAN PARKLANDS

THE SUBURBAN PARKLANDS

THE URBAN CORE

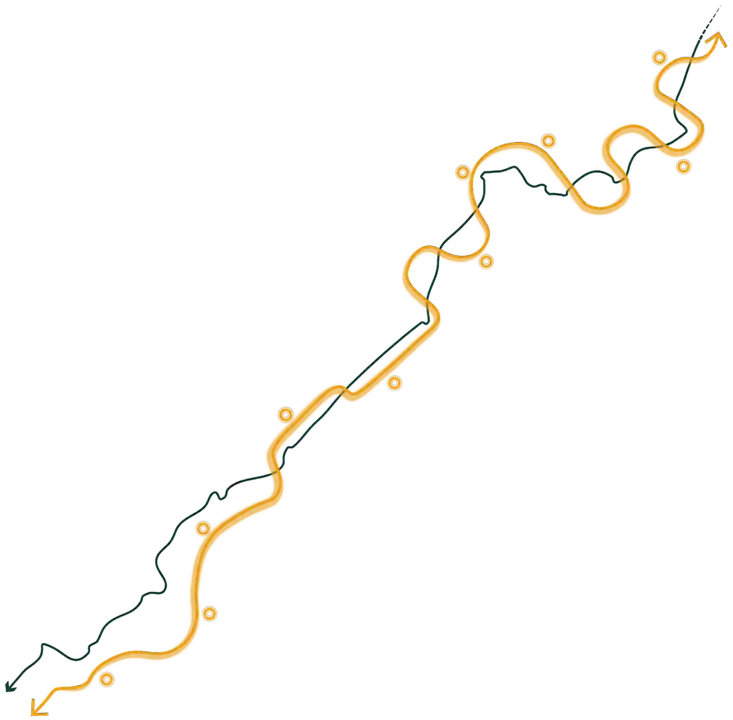
THE URBAN CORE

THE AGRICULTURAL COUNTRYSIDE

THE AGRICULTURAL COUNTRYSIDE

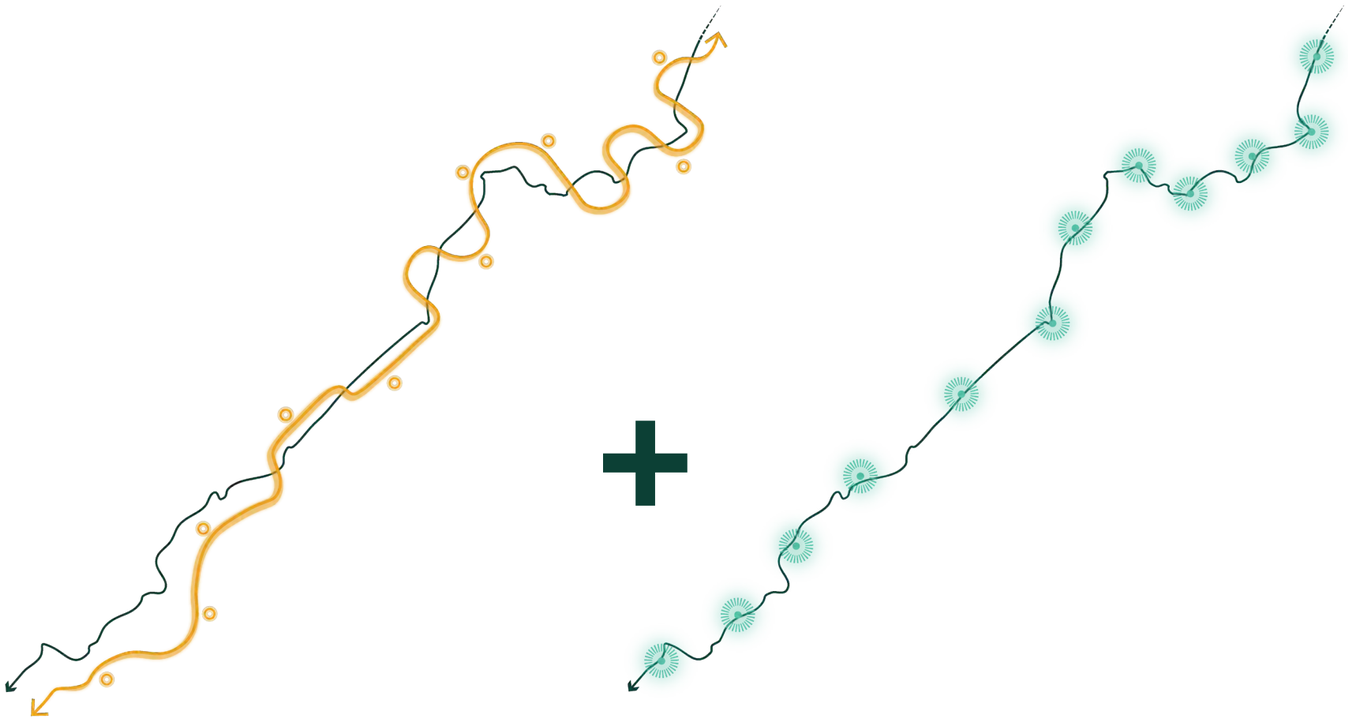
RIVERLANDS VISION

THE TRAILS



GREENWAY

THE TRAILS

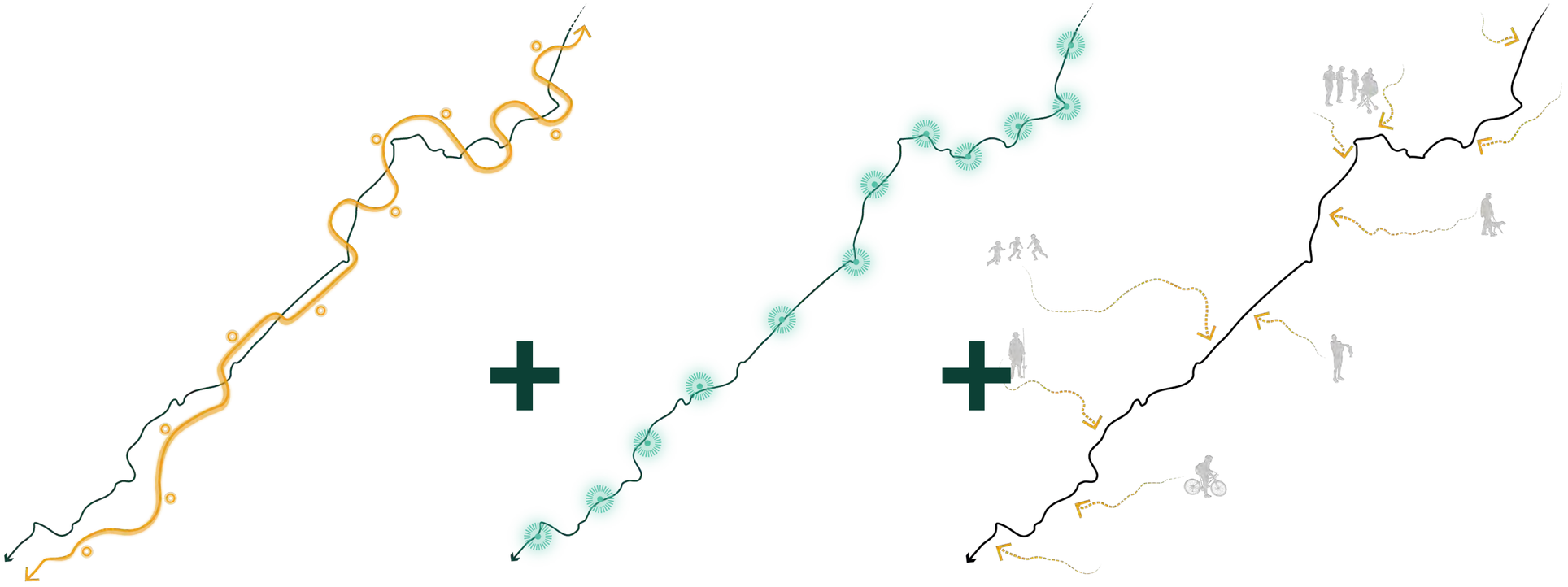


GREENWAY

+

BLUEWAY

THE TRAILS

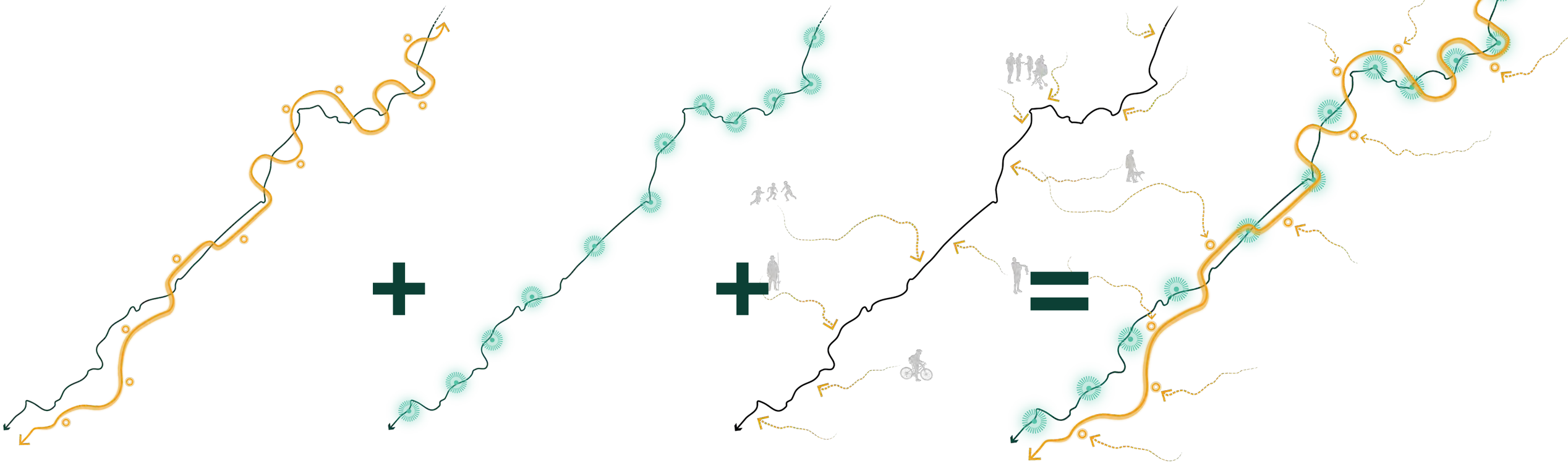


GREENWAY

BLUEWAY

TRIBUTARY TRAILS

THE TRAILS



GREENWAY

BLUEWAY

TRIBUTARY TRAILS

THE RIVERLANDS

PROJECT GOALS

PROJECT GOALS

A SAFE, CONNECTIVE CORRIDOR

A COMMON GROUND FOR ALL

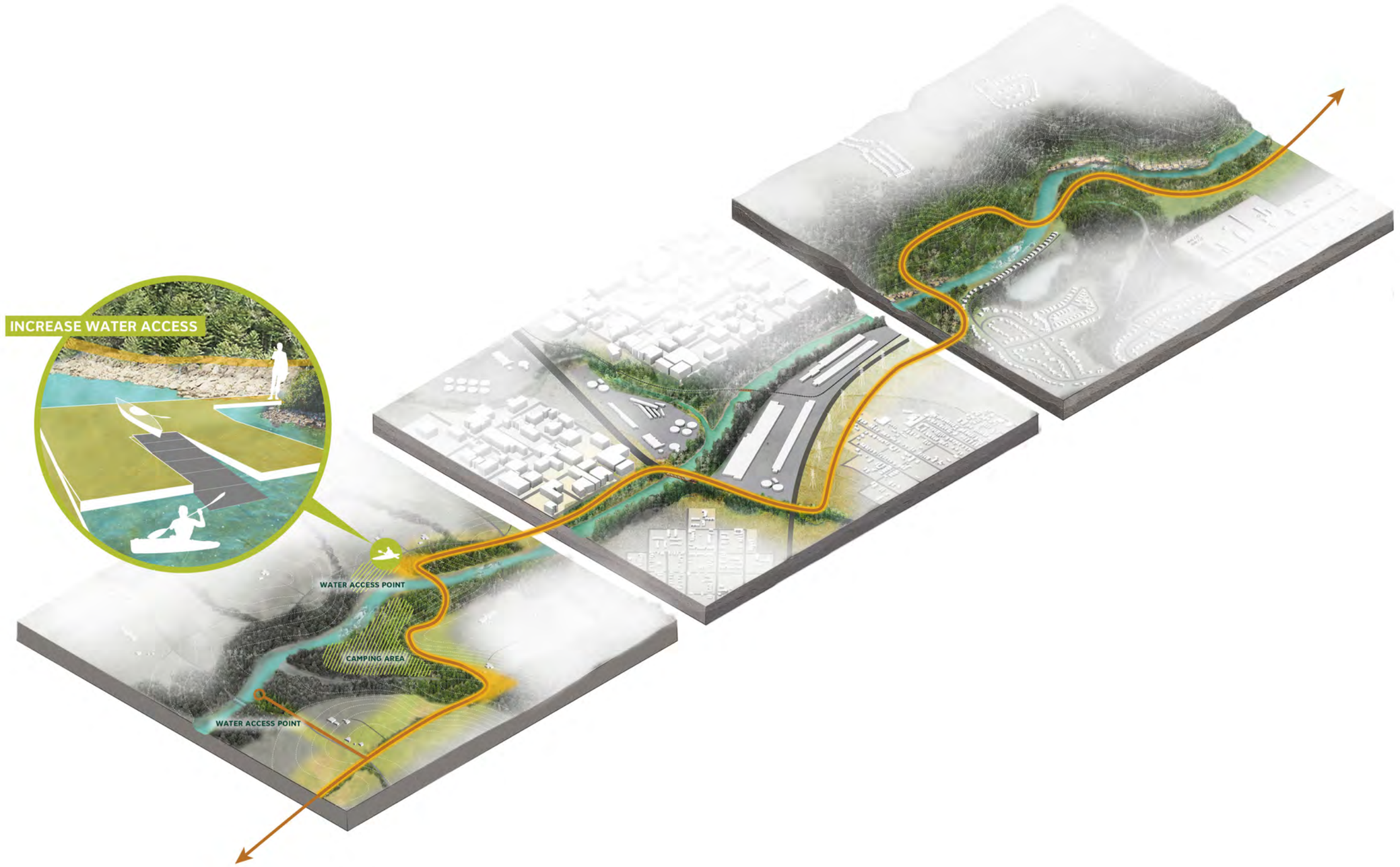
AN ECOLOGICAL REFUGE

A LIVING LEGACY FOR FUTURE GENERATIONS

A SAFE, CONNECTIVE CORRIDOR

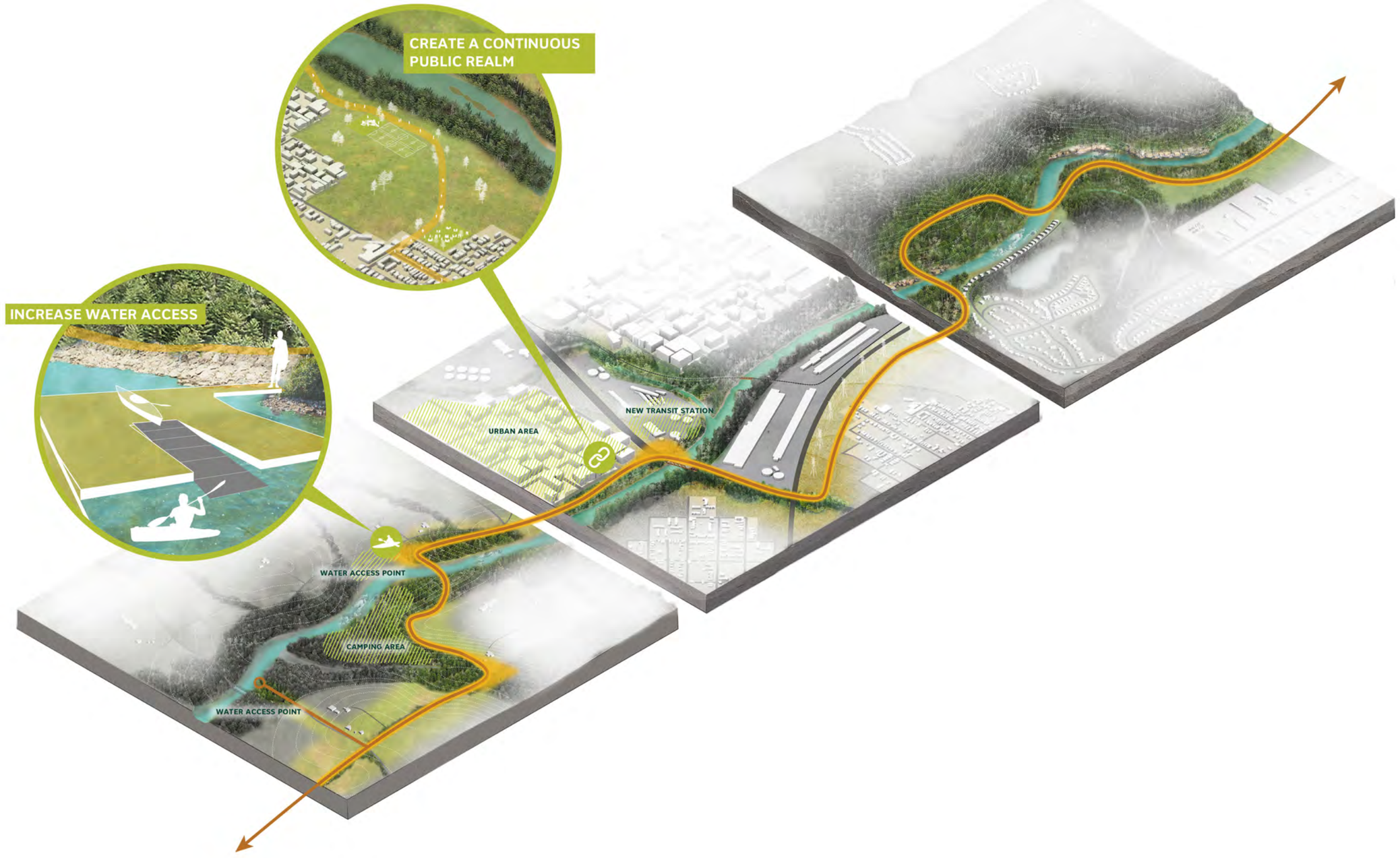
A SAFE, CONNECTIVE CORRIDOR

INCREASE WATER ACCESS



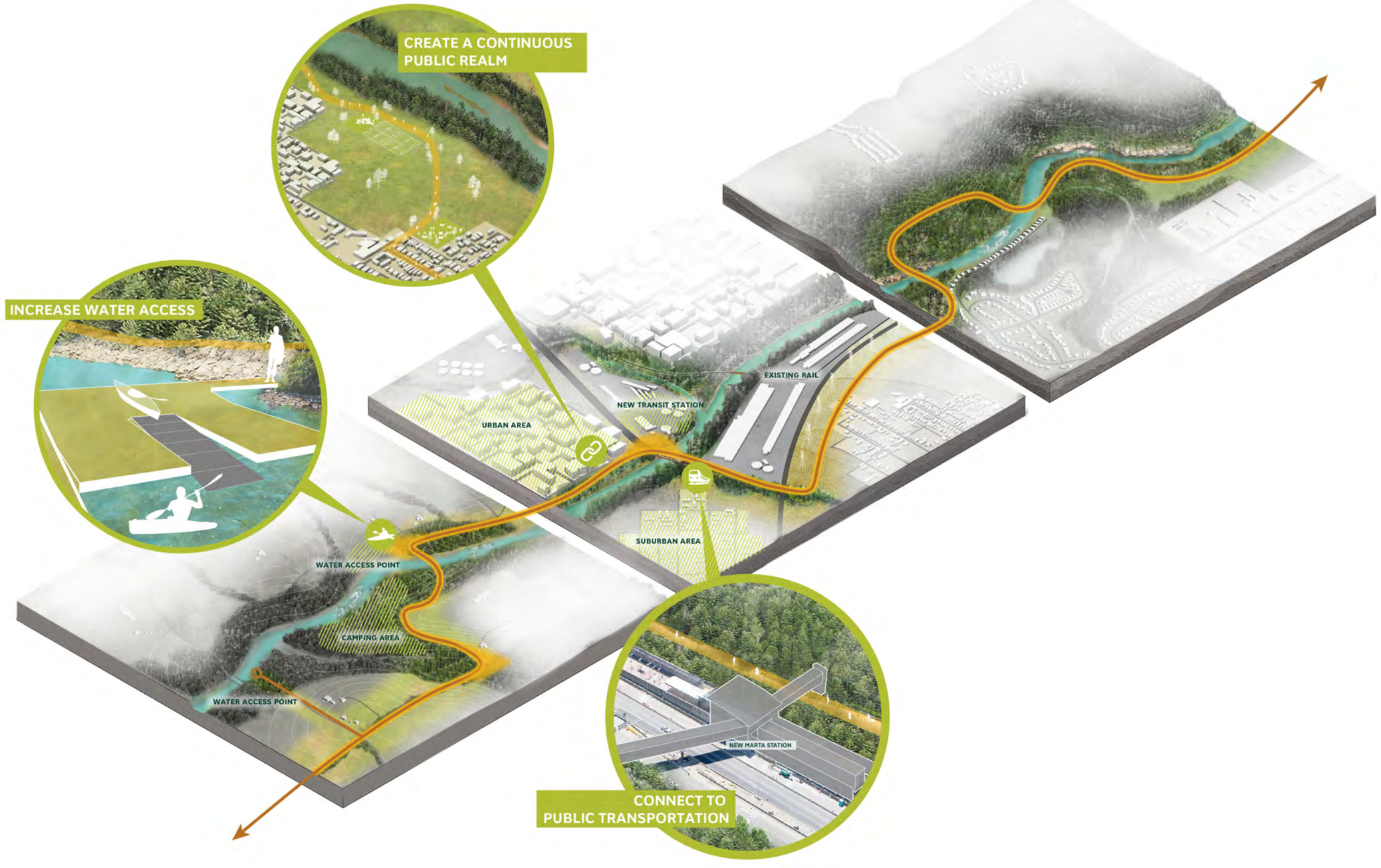
A SAFE, CONNECTIVE CORRIDOR

CREATE A CONTINUOUS PUBLIC REALM



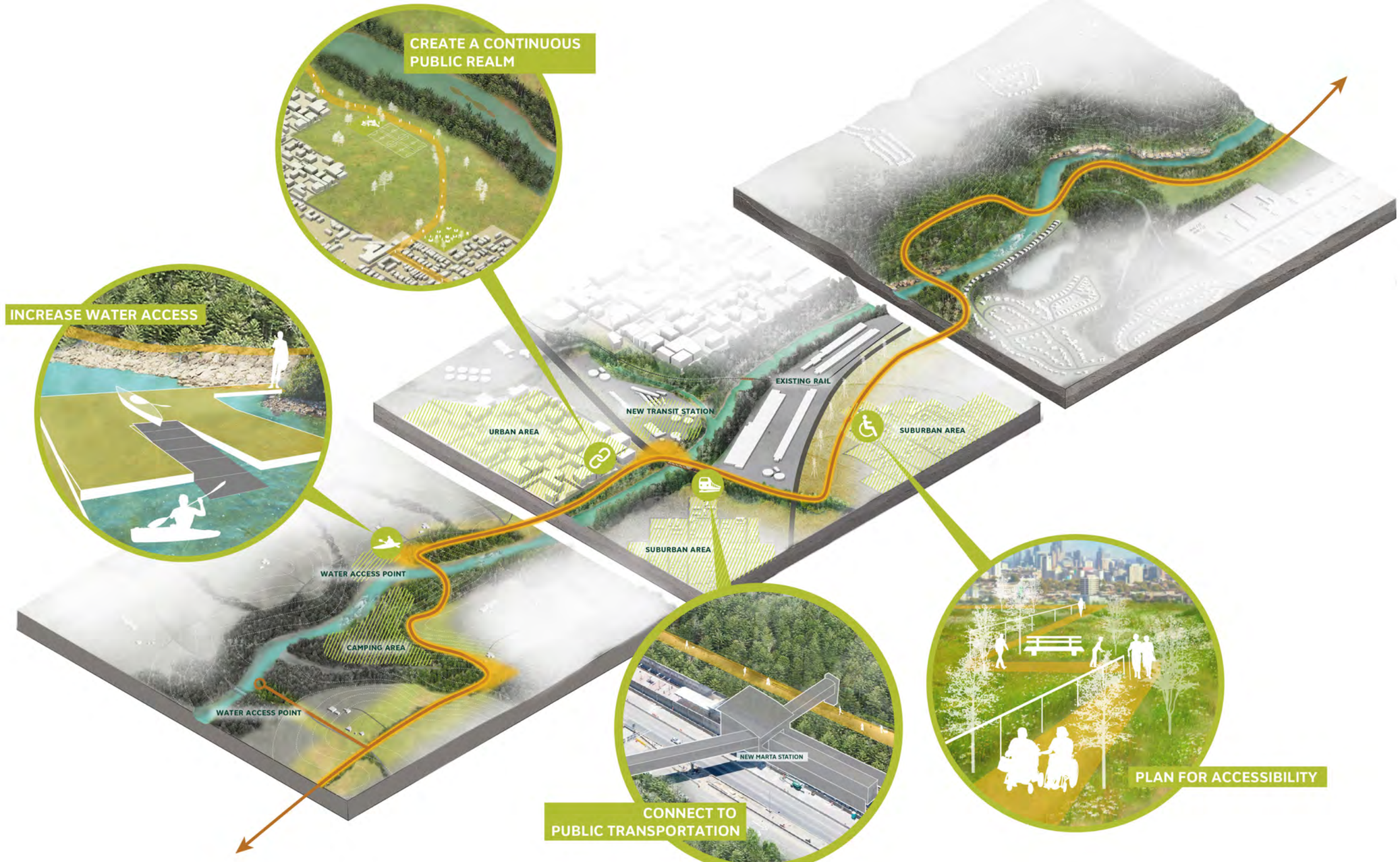
A SAFE, CONNECTIVE CORRIDOR

CONNECT TO PUBLIC TRANSPORTATION



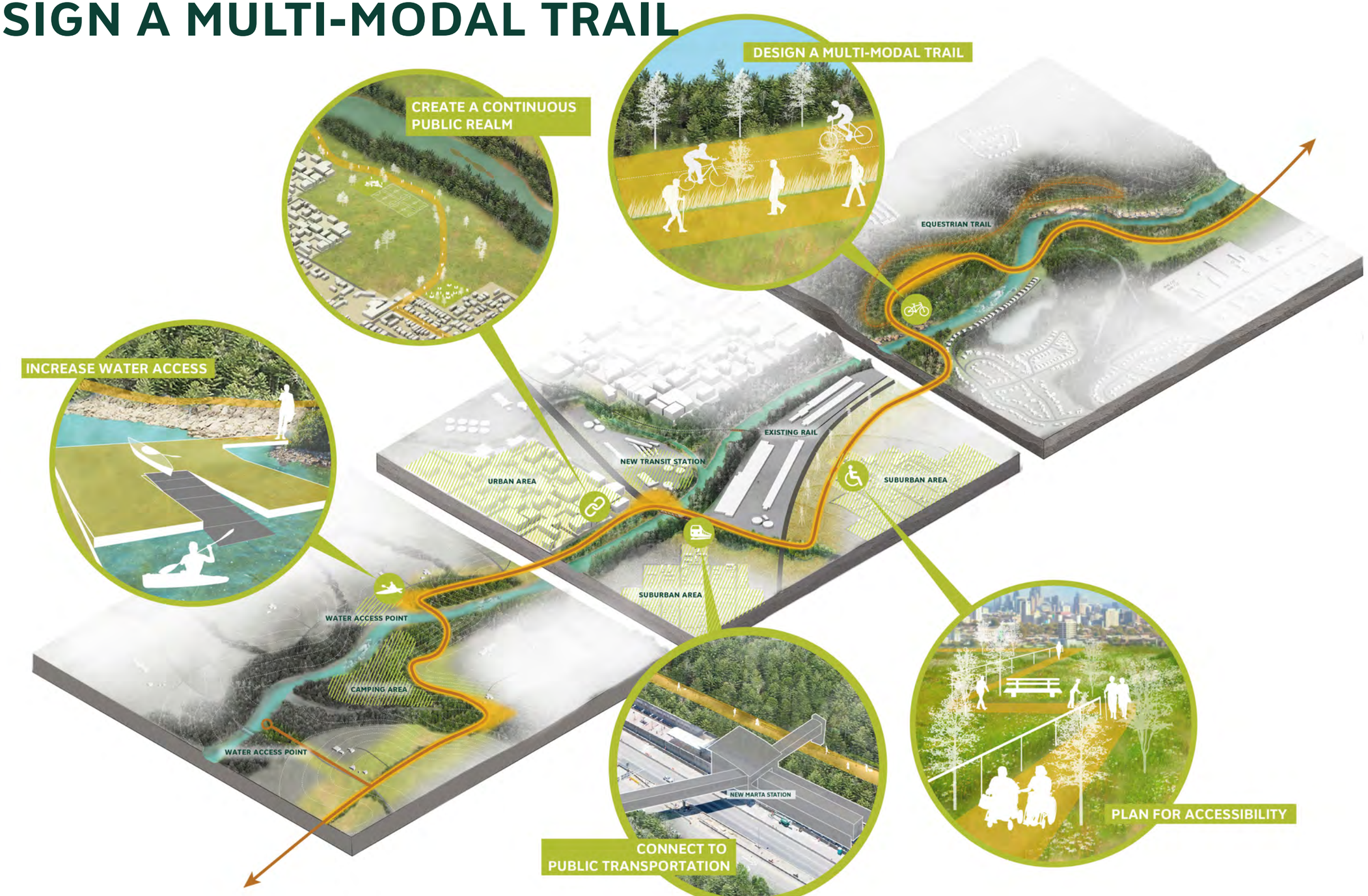
A SAFE, CONNECTIVE CORRIDOR

PLAN FOR ACCESSIBILITY



A SAFE, CONNECTIVE CORRIDOR

DESIGN A MULTI-MODAL TRAIL



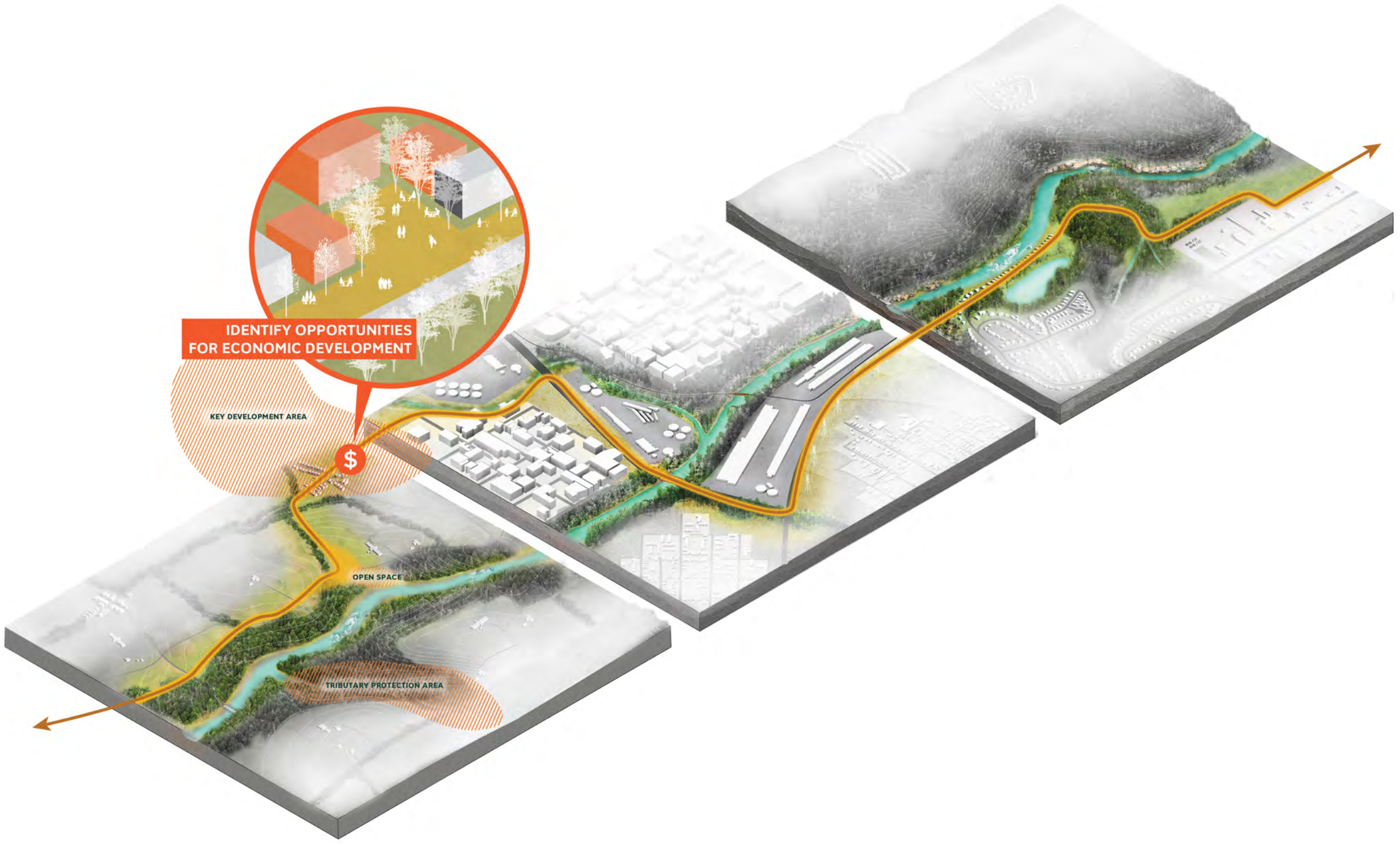
A SAFE, CONNECTIVE CORRIDOR

PROMOTE HEALTH AND SAFETY ON LAND AND WATER

A COMMON GROUND FOR ALL

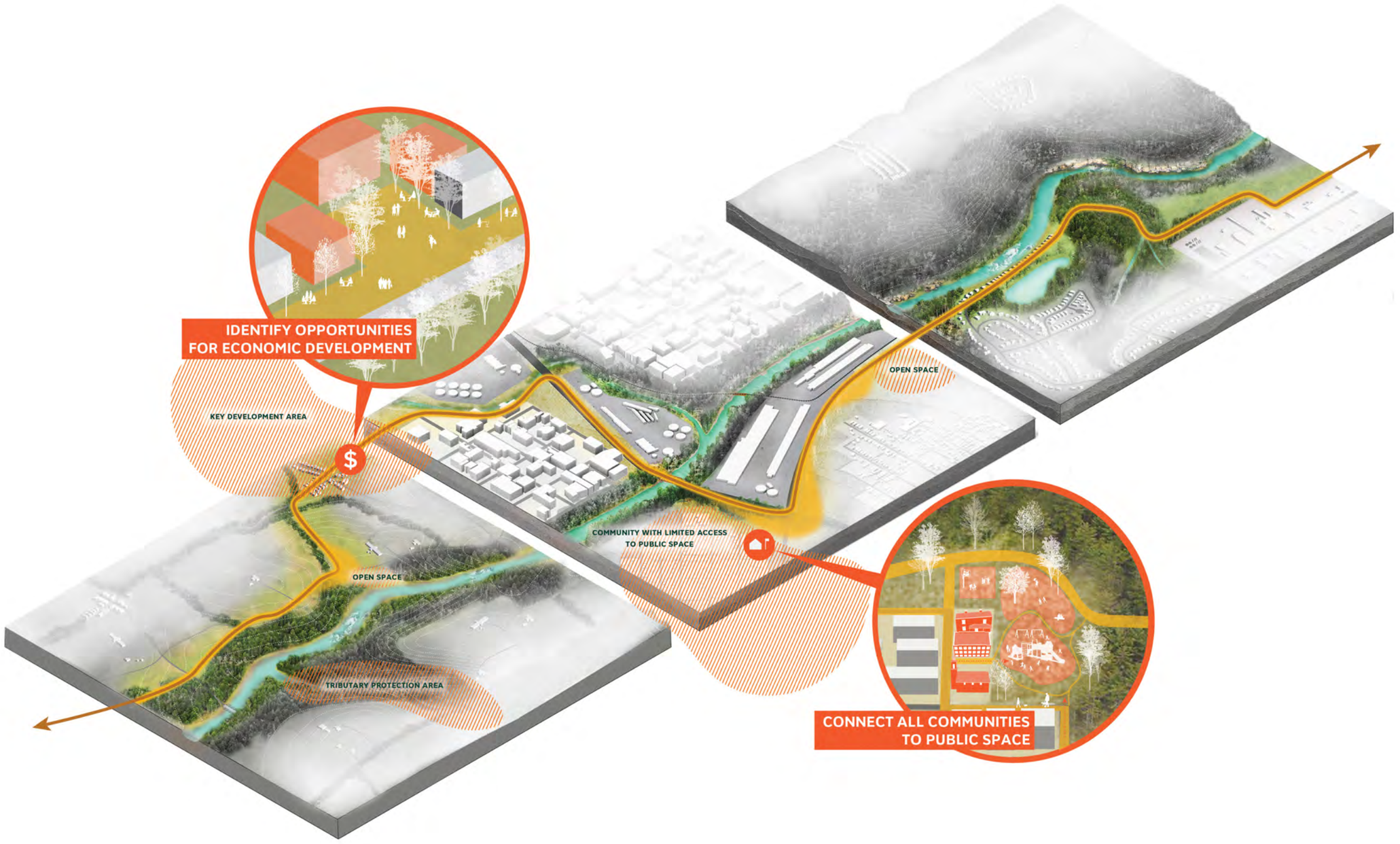
A COMMON GROUND FOR ALL

IDENTIFY OPPORTUNITIES FOR ECONOMIC DEVELOPMENT



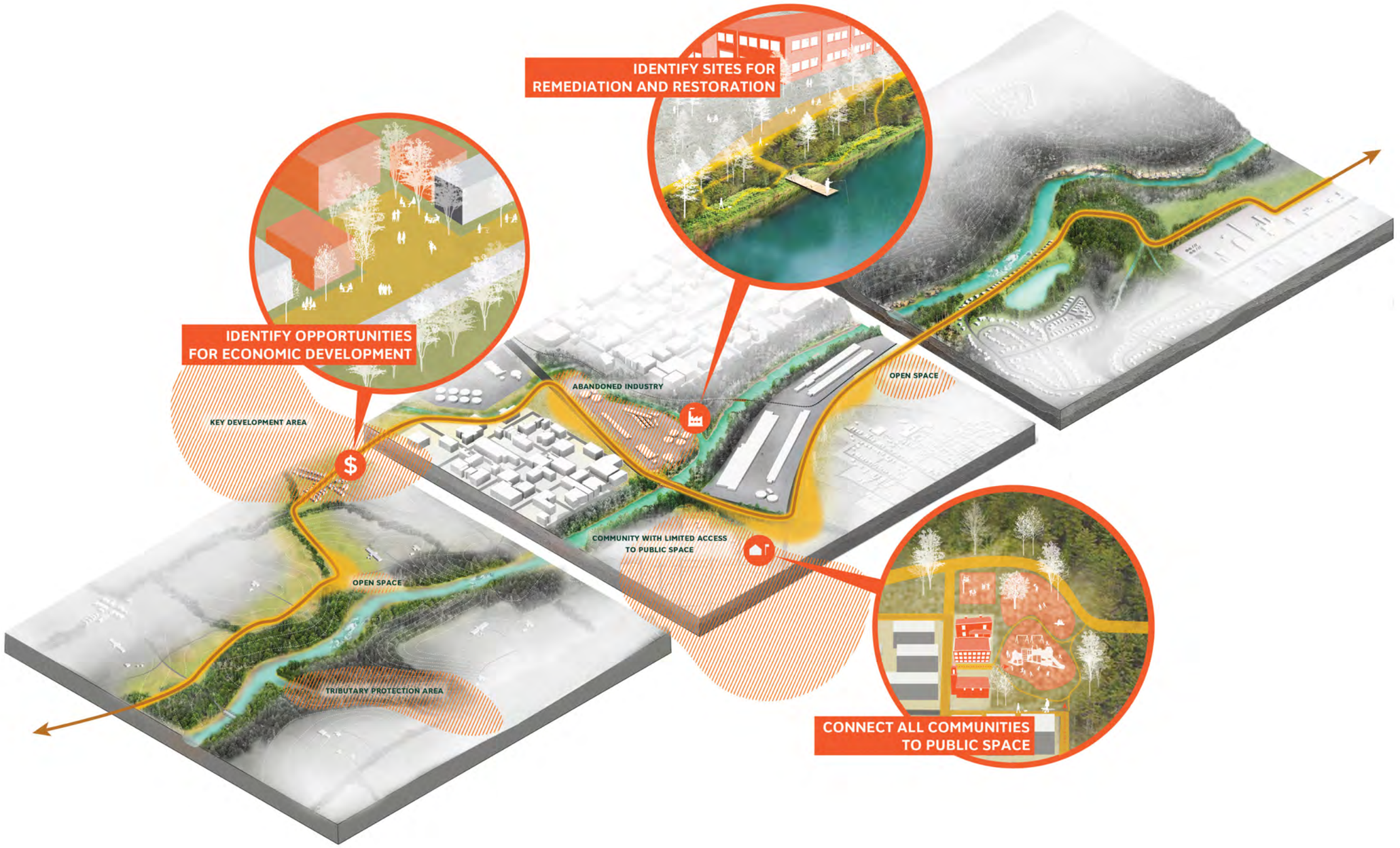
A COMMON GROUND FOR ALL

CONNECT ALL COMMUNITIES TO PUBLIC SPACE



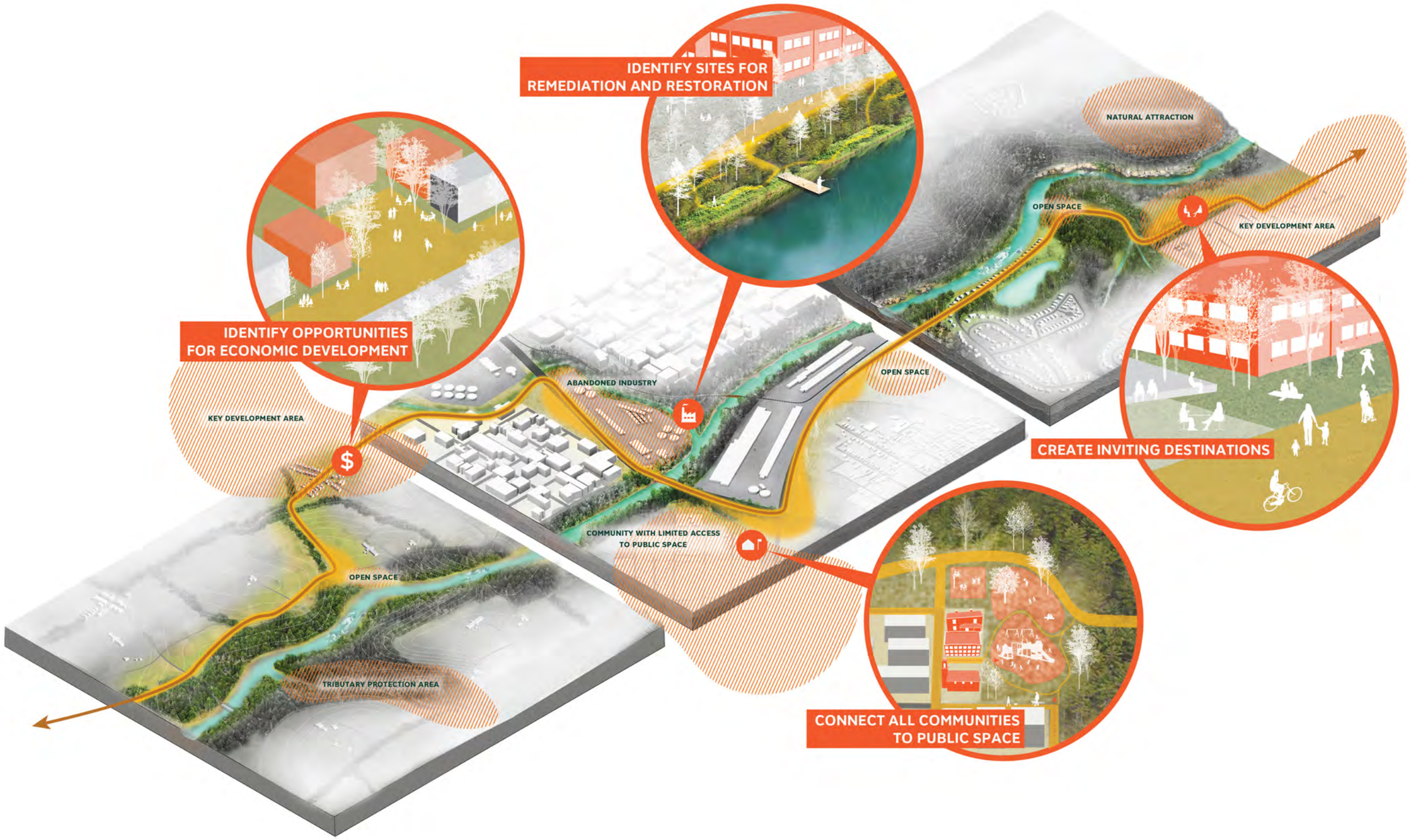
A COMMON GROUND FOR ALL

IDENTIFY SITES FOR REMEDIATION AND RESTORATION



A COMMON GROUND FOR ALL

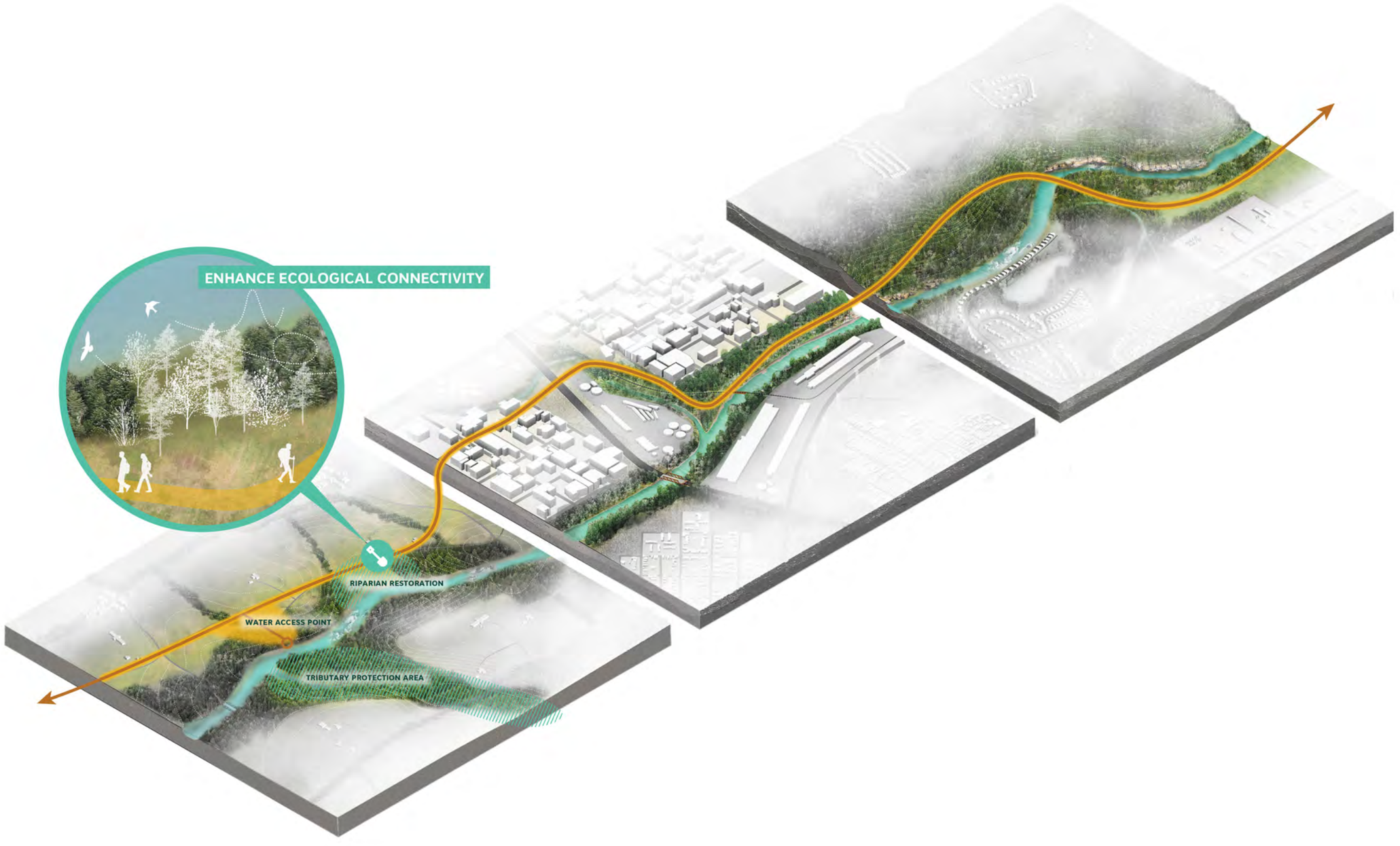
CREATE INVITING DESTINATIONS



AN ECOLOGICAL REFUGE

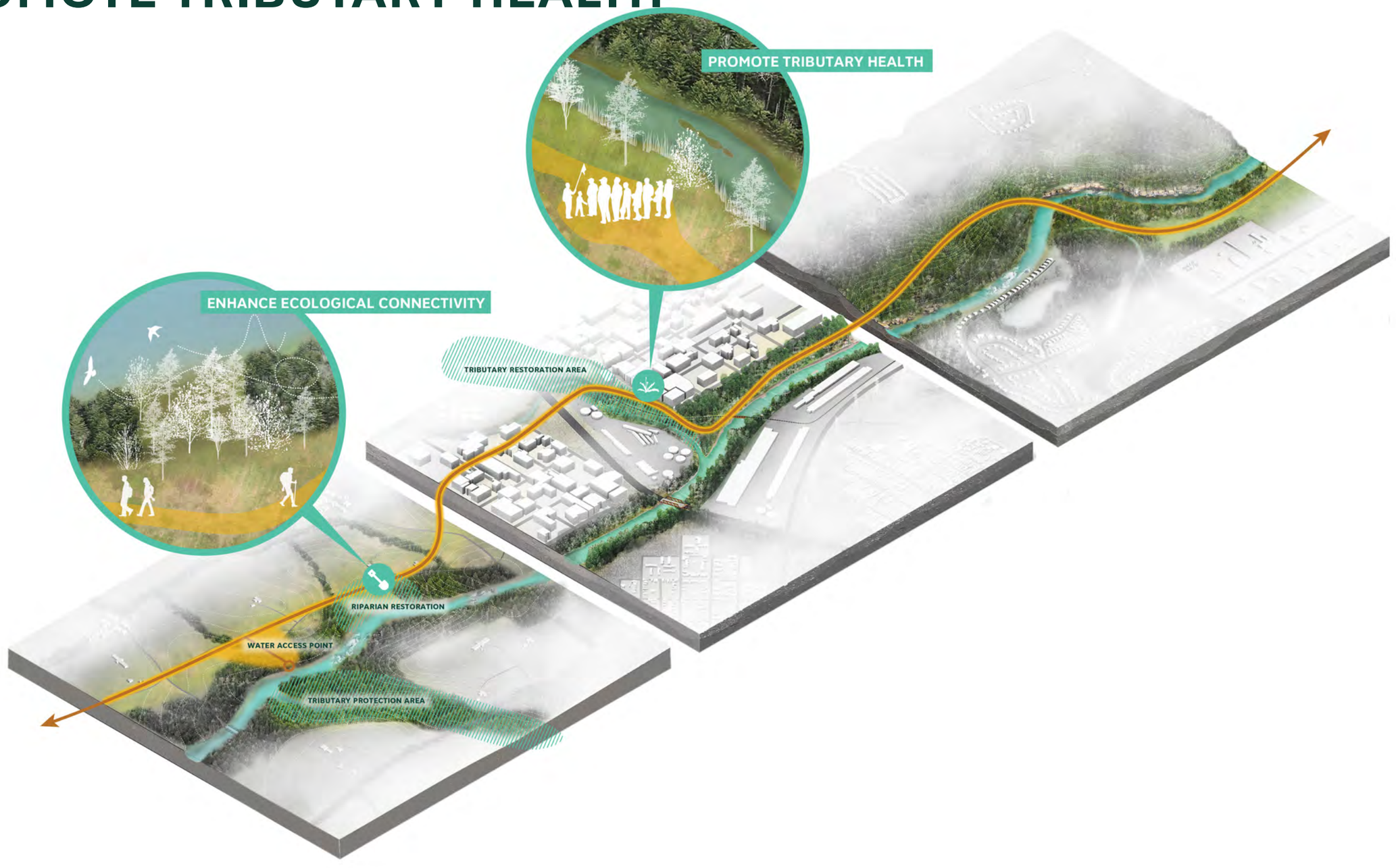
AN ECOLOGICAL REFUGE

ENHANCE ECOLOGICAL CONNECTIVITY



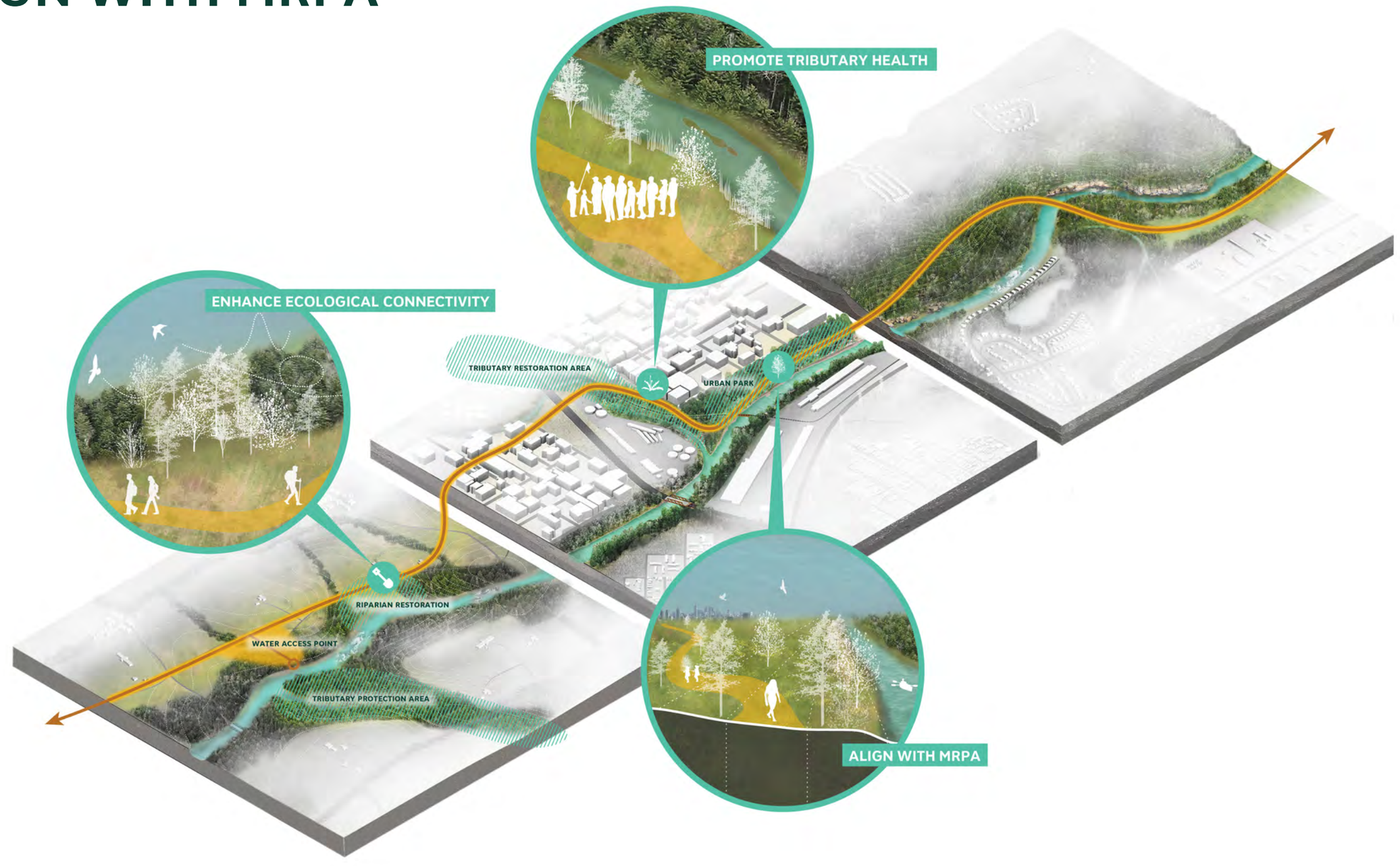
AN ECOLOGICAL REFUGE

PROMOTE TRIBUTARY HEALTH



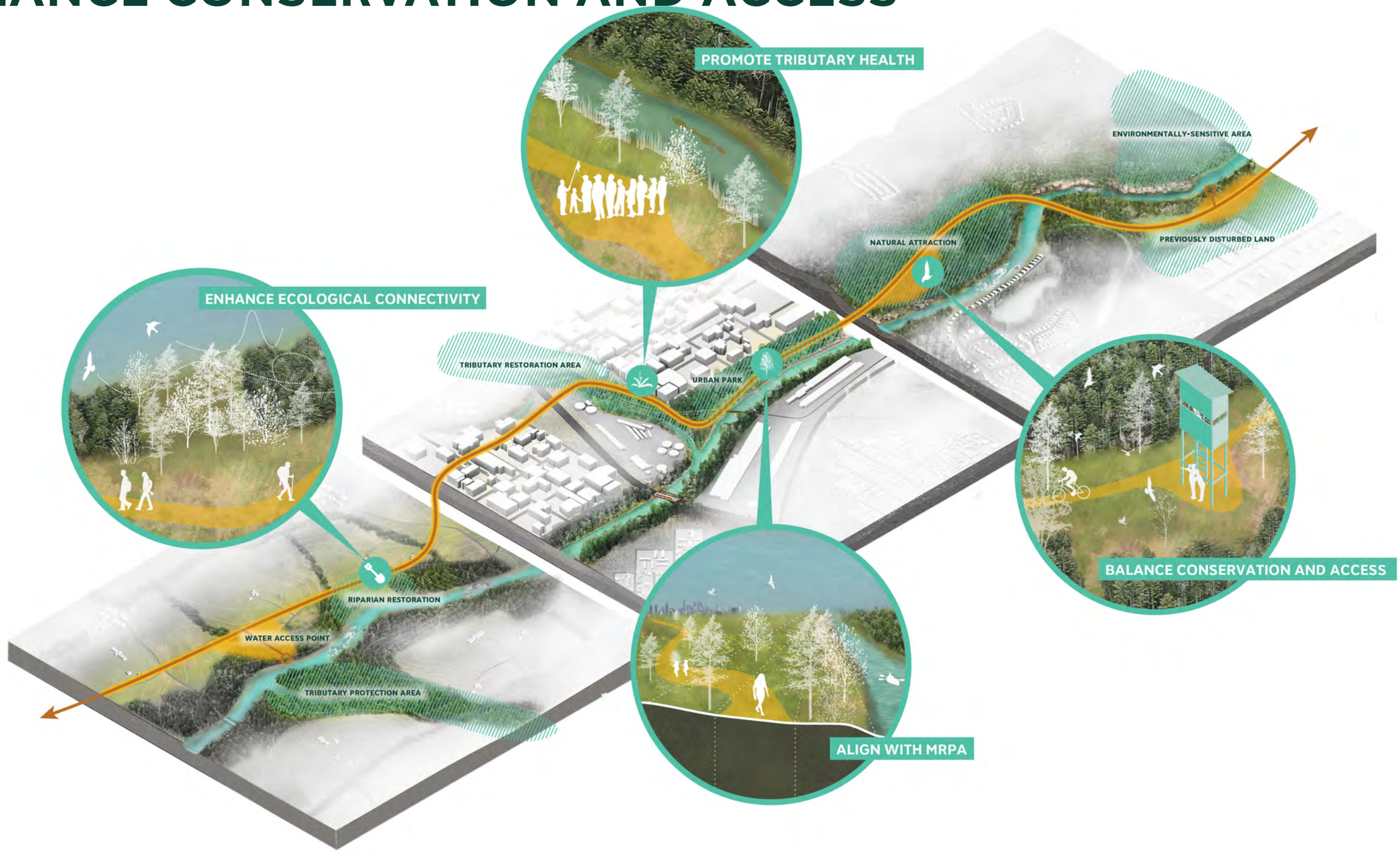
AN ECOLOGICAL REFUGE

ALIGN WITH MRPA



AN ECOLOGICAL REFUGE

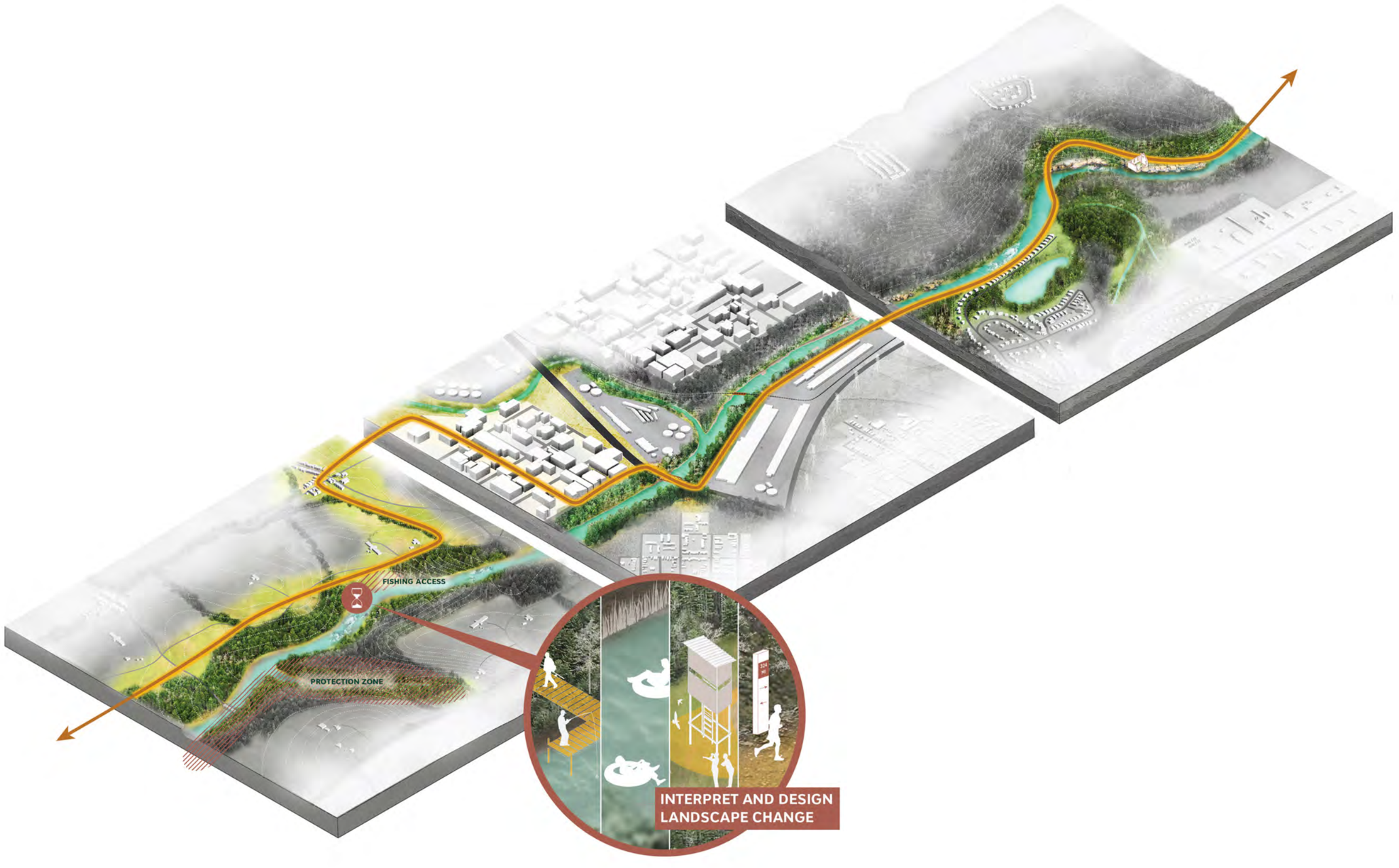
BALANCE CONSERVATION AND ACCESS



A LIVING LEGACY FOR FUTURE GENERATIONS

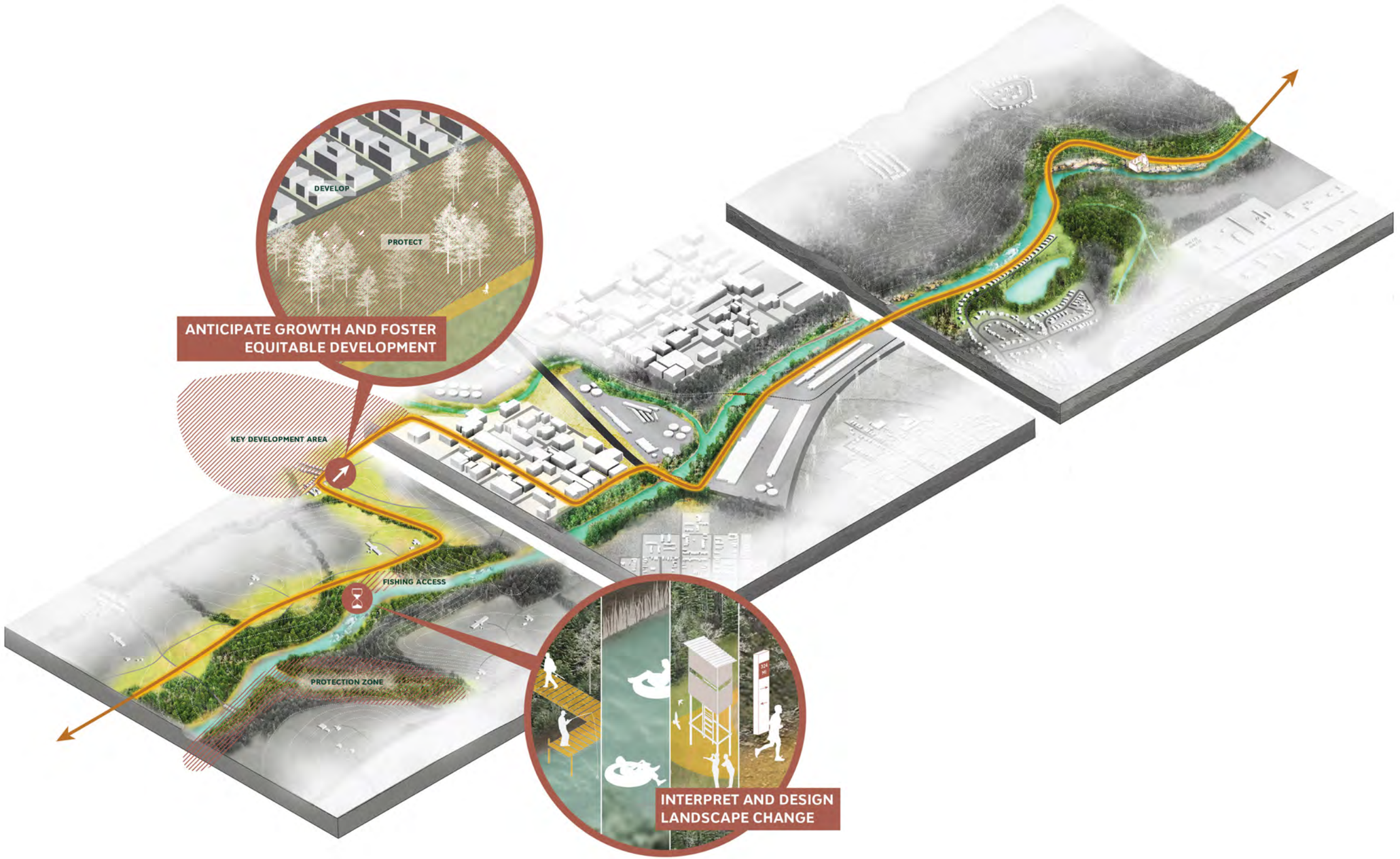
A LIVING LEGACY

INTERPRET AND DESIGN FOR LANDSCAPE CHANGE



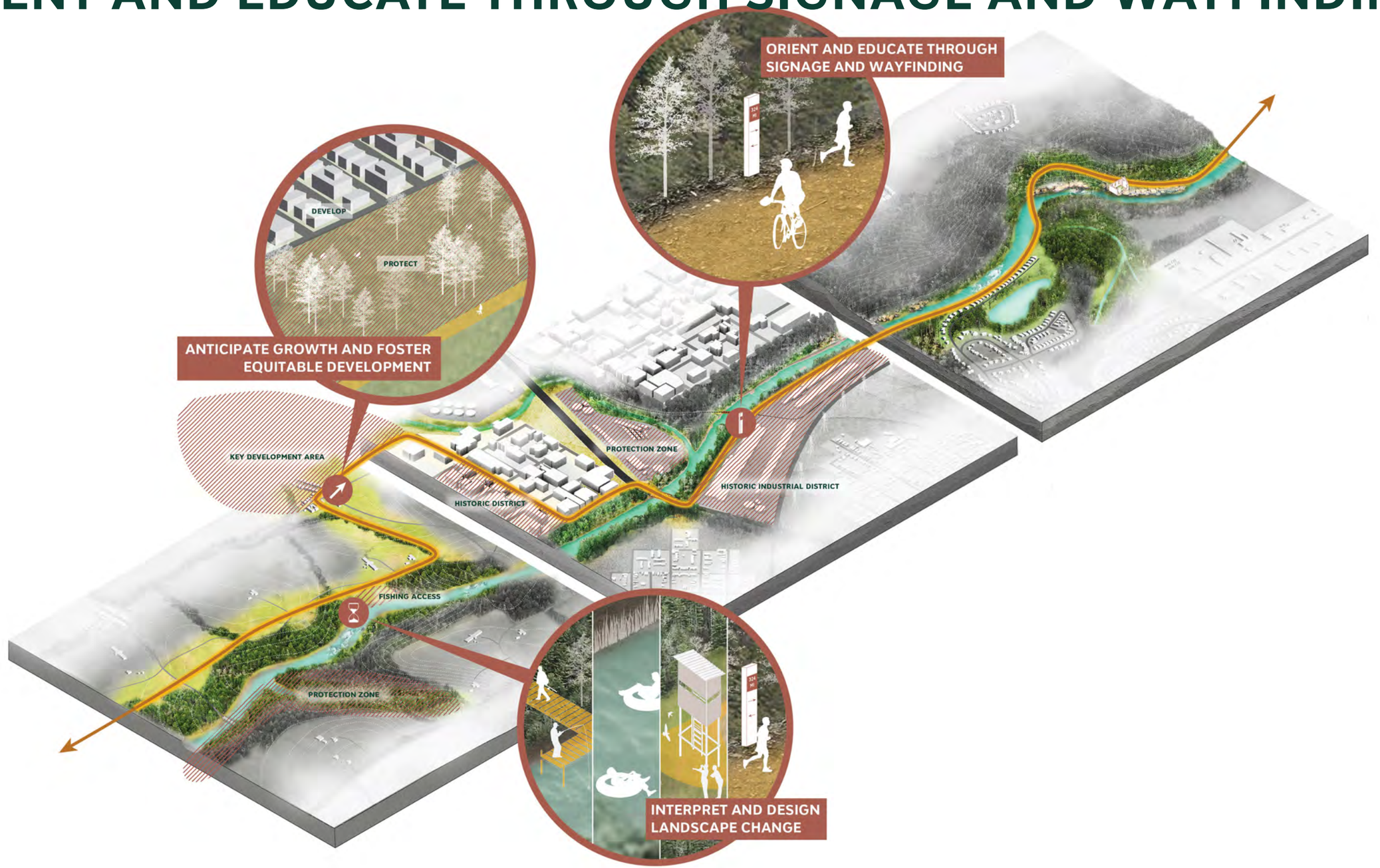
A LIVING LEGACY

ANTICIPATE GROWTH AND FOSTER EQUITABLE DEVELOPMENT



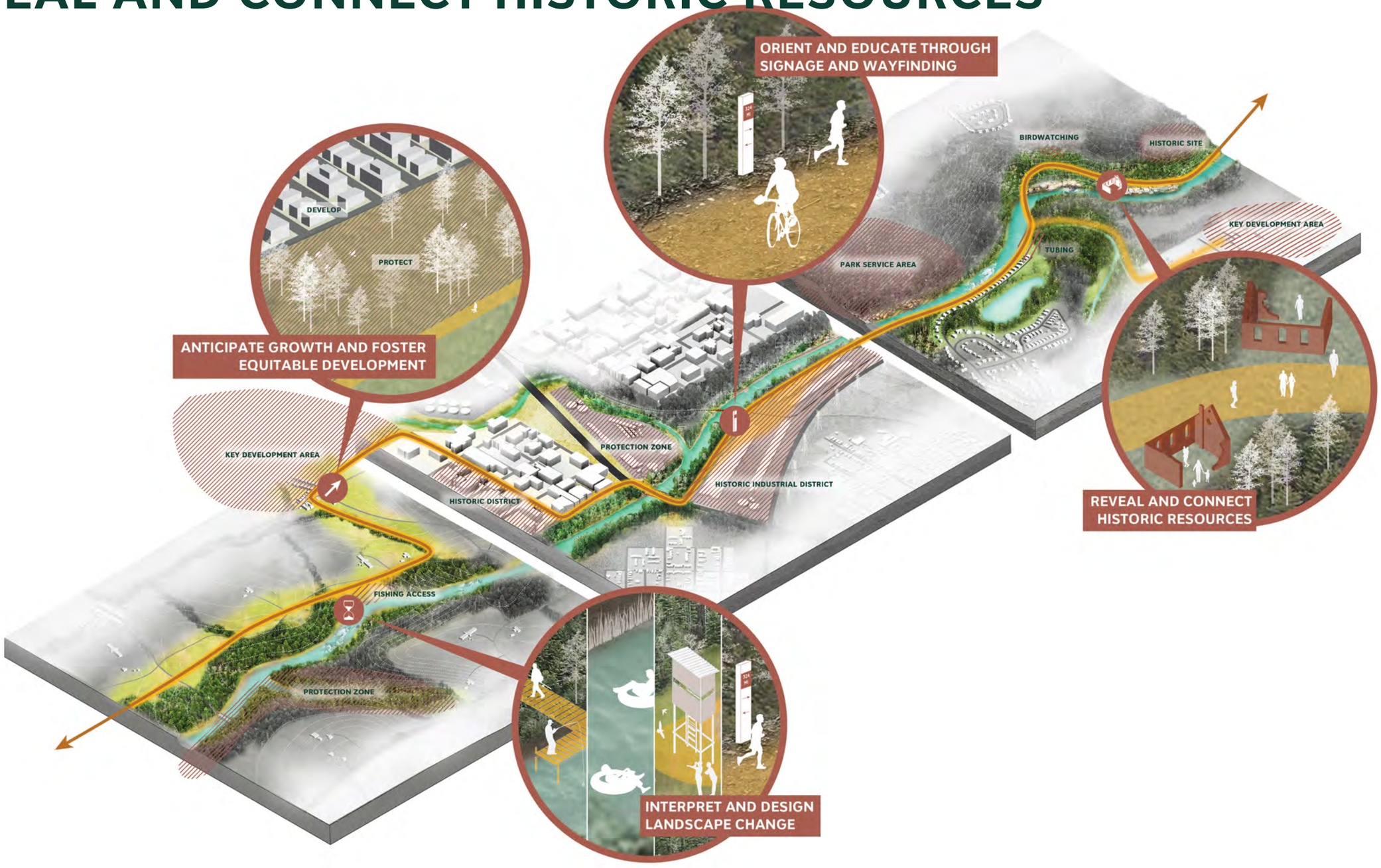
A LIVING LEGACY

ORIENT AND EDUCATE THROUGH SIGNAGE AND WAYFINDING



A LIVING LEGACY

REVEAL AND CONNECT HISTORIC RESOURCES



TASK 4 :
ALIGNMENT ALTERNATIVES
DOCUMENT

ALIGNMENT PATHWAY

EXISTING CONDITIONS & TOOLS

- VISION
- DATA
- APPROACH
- PROCESS

ALIGNMENT ALTERNATIVES

- ECOLOGY
- LEAST RESISTANCE
- DESTINATIONS

WE ARE HERE

COMMUNITY INPUT

- VISION
- STAKEHOLDER

→ PREFERRED ALIGNMENT

DATA

SCAPE
GRESHAM SMITH
BIOHABITATS
GOOD THINKING ATLANTA
NEW SOUTH ASSOCIATES
DR. NA'TAKI OSBORNE JELKS
DR. RICHARD MILLIGAN
EDWARDS-PITMAN

CHATTAHOOCHEE RIVER
GREENWAY STUDY
FOR THE CHATTAHOOCHEE RIVERLANDS

TASK 2 MEMO
LITERATURE REVIEW &
EXISTING CONDITIONS ANALYSIS

SUBMITTED 05/03/2019

Chattahoochee RiverLands

SCAPE
GRESHAM SMITH
BIOHABITATS
GOOD THINKING ATLANTA
NEW SOUTH ASSOCIATES
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CHATTAHOOCHEE RIVER
GREENWAY STUDY
FOR THE CHATTAHOOCHEE RIVERLANDS

TASK 2 MEMO
APPENDIX A: LITERATURE REVIEW SUMMARY

SUBMITTED ON 03/15/2019

Chattahoochee RiverLands

OWNERSHIP AND LAND USE

L-101

Chattahoochee Riverlands Greenway Plan

Last Updated: 09.06.2019

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LEGEND

- PROJECT AREA
- COUNTY LINES
- MRPA JURISDICTION
- EXPRESSWAYS
- MAJOR ROADS
- STREETS
- BIKEWAYS
- CRNRA FOOT TRAILS
- TRAILS OF REGIONAL SIGNIFICANCE
- WATER ACCESS
- 5' CONTOURS
- PUBLIC LAND
- PARCELS
- PARKLANDS
- PARKS
- WETLANDS
- EASEMENTS
- 100 YEAR FLOODPLAIN
- STREAMS, LAKES, RIVERS
- SCHOOLS
- LIBRARIES
- PLANNED TRAILS
- SHOALS

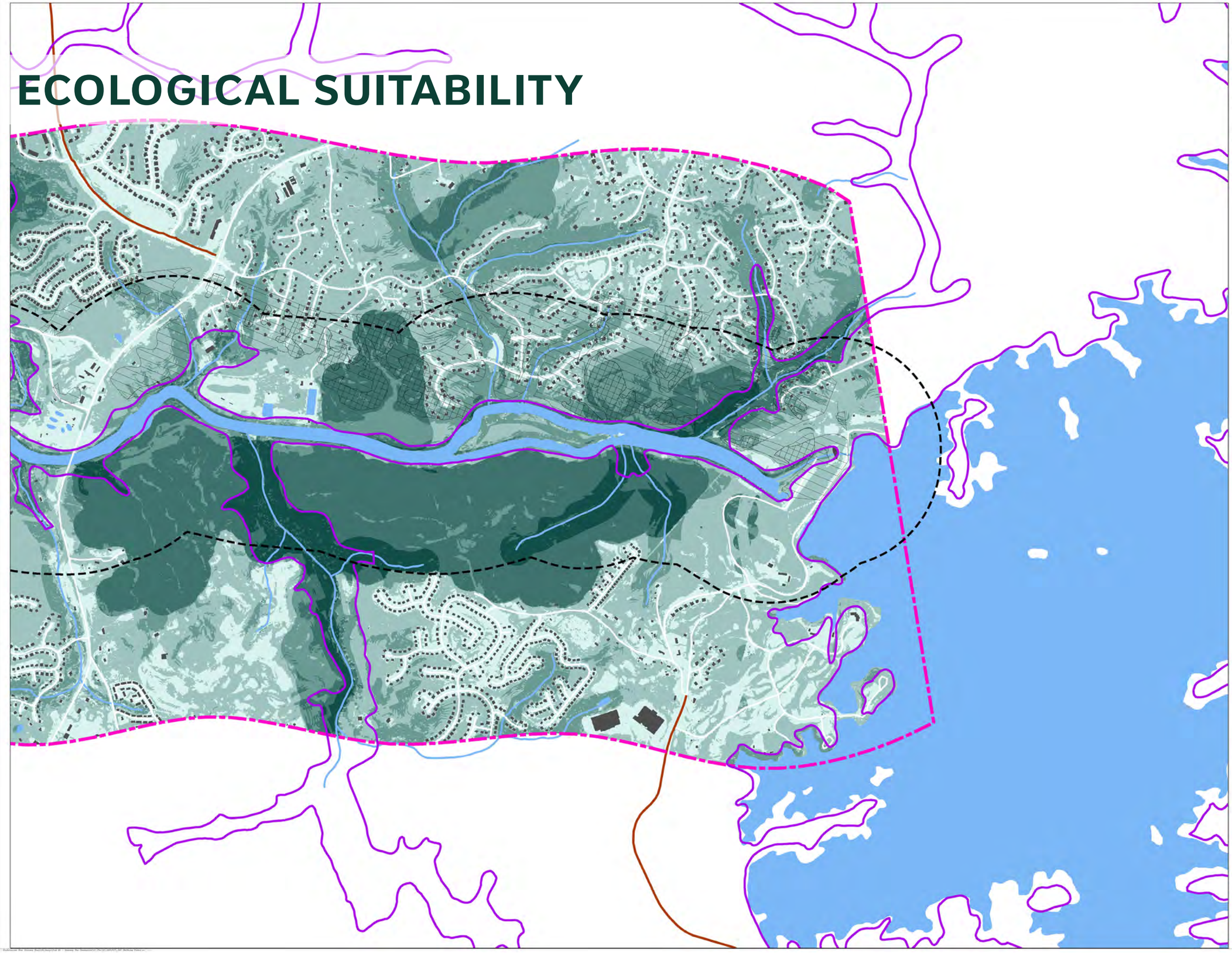
0 250' 500' 1000' 1500'

PROJECT NO. DRAWING TITLE
DATE
SCALE
DRAWN BY: DRAWING NO.
CHECKED BY:

STATE SITE PLAN

L-100

ECOLOGICAL SUITABILITY



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ECOLOGICAL PROTECT SUITABILITY MAP

LEGEND

- PROJECT AREA
- 100 YEAR FLOODPLAIN
- MRPA 2000 FT AREA
- E MRPA VULNERABILITY
- F MRPA VULNERABILITY
- STREETS
- BUILDINGS
- EXISTING TRAILS + BIKE LANES

TRAIL ECOLOGICAL SUITABILITY

- HIGHEST SUITABILITY
- LOWEST SUITABILITY

0 250' 500' 1000' 1500'

PROJECT NO. DRAWING TITLE
DATE
SCALE
DRAWN BY: DRAWING NO.
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5/10/19 SITE PLAN

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PATH OF LEAST ECOLOGICAL IMPACT

Chattahoochee Riverlands Greenway Plan

Last Updated: 07.16.2019

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TRAIL CONNECTIVITY MAP
LEGEND

- PROJECT AREA
- 100 YEAR FLOODPLAIN
- MRPA 2000 FT AREA
- E MRPA VULNERABILITY
- F MRPA VULNERABILITY
- STREETS
- BUILDINGS
- PARKS WITH WATER ACCESS
- EXISTING TRAILS + BIKE LANES
- LEAST IMPACT PATH

LEAST IMPACT PATH CONNECTIVITY
- HIGH CURRENT
- LOW CURRENT

0 250' 500' 1000' 1500'

PROJECT NO. DRAWING TITLE
DATE
SCALE
DRAWN BY DRAWING NO. 7/16/19 SITE PLAN
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SITE TOPOGRAPHY

Chattahoochee Riverlands Greenway Plan

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SLOPE ANALYSIS MAP

LEGEND

- PROJECT AREA
- 100 YEAR FLOODPLAIN
- MRPA 2000 FT AREA
- STREETS
- BUILDINGS
- PATCHES + PARKS

PERCENT SLOPE

- 0 - 5%
- 5 - 8%
- 8 - 12%
- 12 - 25%
- + 25%

0 250' 500' 1000' 1500'

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DATE
SCALE
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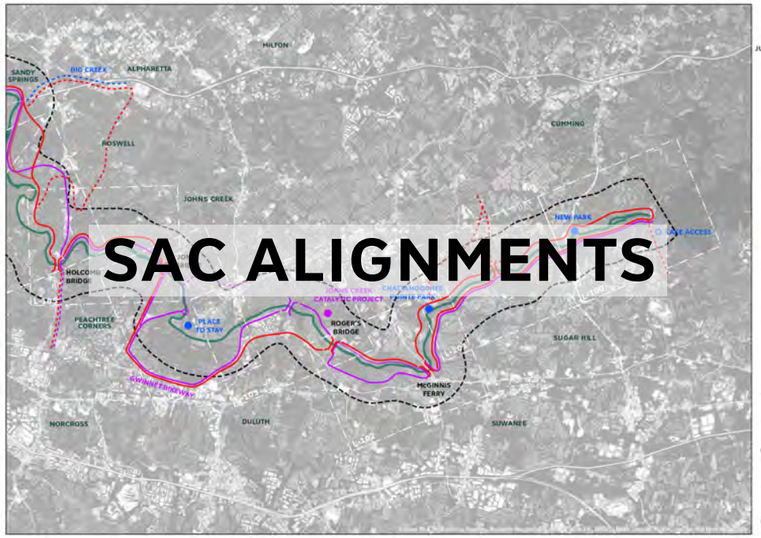
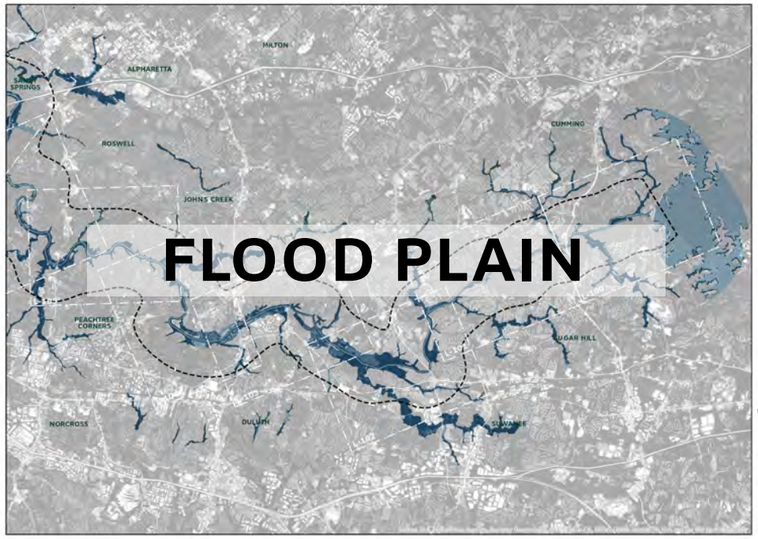
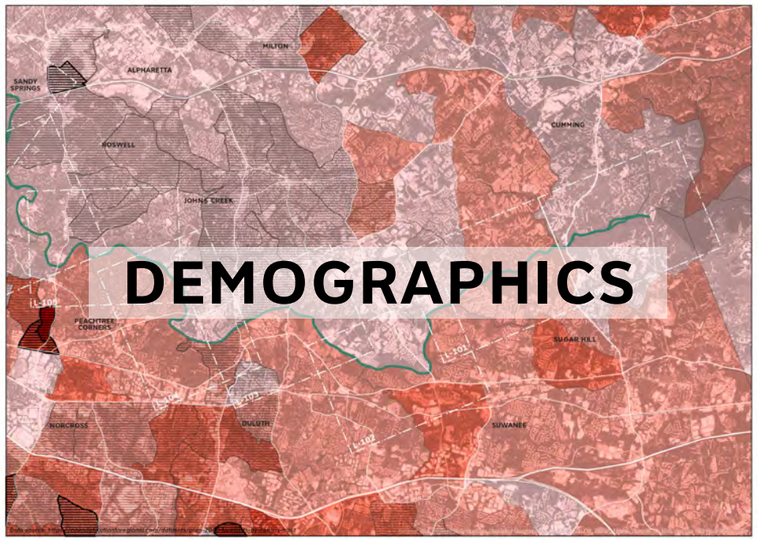
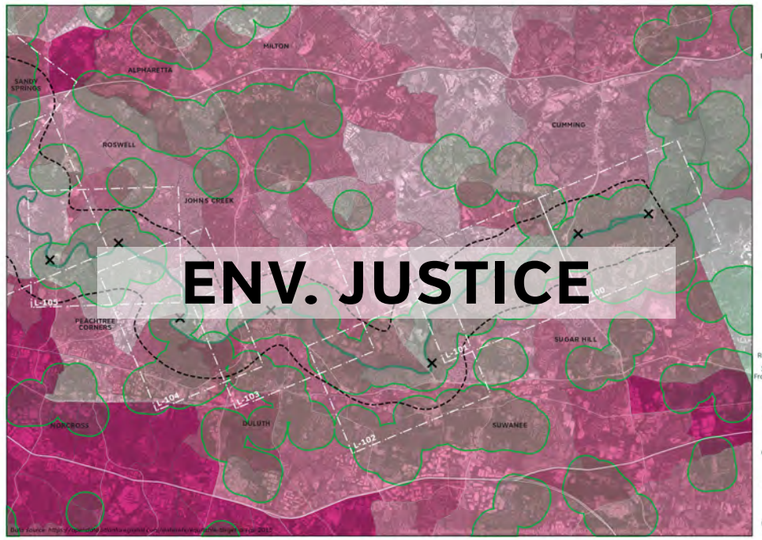

SAC ALIGNMENTS
CHATTAHOOCHEE RIVERLANDS
JUNE PUBLIC ENGAGEMENT MAP 1
Public Forums
SAC Group A
SAC Group B
Destination
Safe Crossings
Water Trail
CRNRA Trails
Tributary Trails
Greenway
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways

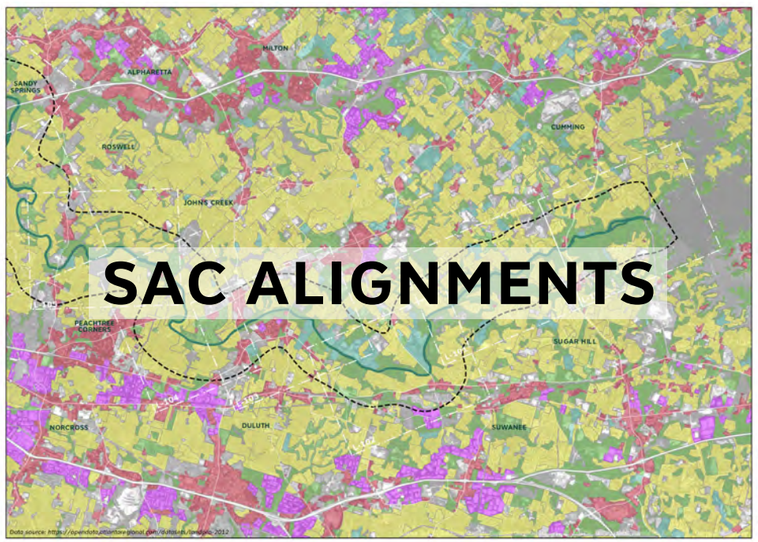

HISTORIC SITES
CHATTAHOOCHEE RIVERLANDS
History & Culture Map 1
Archaeological Sites
Fish Weirs
Historic Mills
Civil War Battlefields
Historic Ferries
Historic Railroads
Streetcar Network
Native American Trails
Early Cities
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways

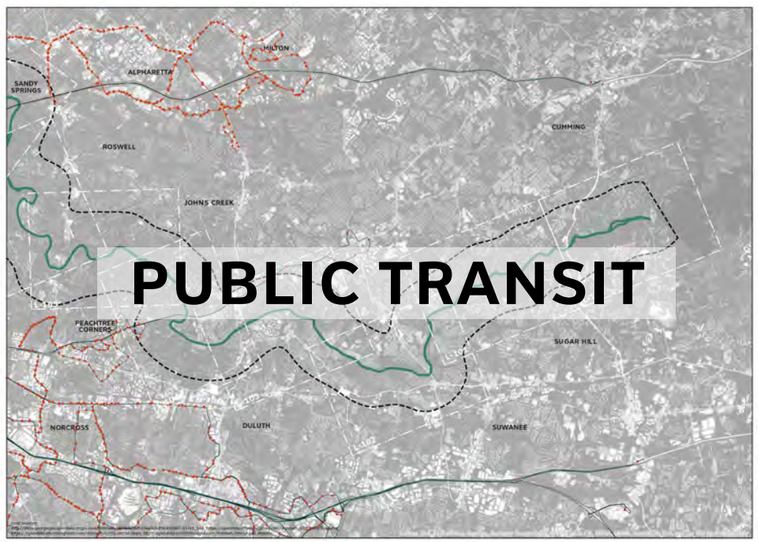

FLOOD PLAIN
CHATTAHOOCHEE RIVERLANDS
FLOODPLAIN LANDCOVER MAP 1
100 year floodplain
With paving
Non-tree vegetation
Forest
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways


DEMOGRAPHICS
CHATTAHOOCHEE RIVERLANDS
POPULATION MAP 1
Med. Pop. Density
High Pop. Density
Low
High
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways


ENV. JUSTICE
CHATTAHOOCHEE RIVERLANDS
ENVIRONMENTAL JUSTICE MAP 1
River Access Pts
1/2 Mile Offset From Greenspace
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways


PLANNING
CHATTAHOOCHEE RIVERLANDS
PLANNING INITIATIVES MAP 1
ATP Bikeways
Big Creek Proposed Trails
Chatt River Trail Feasibility Study
Sandy Springs Bike and Walk Proposed Trails
Forsyth County Proposed Bike And Ped Trails
Forsyth County Proposed Trails
Cauley Creek Park Plan
The Next Ten
Connect Johns Creek Proposed Trails
National Water Trail
Gwinnett County Proposed Trails
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways

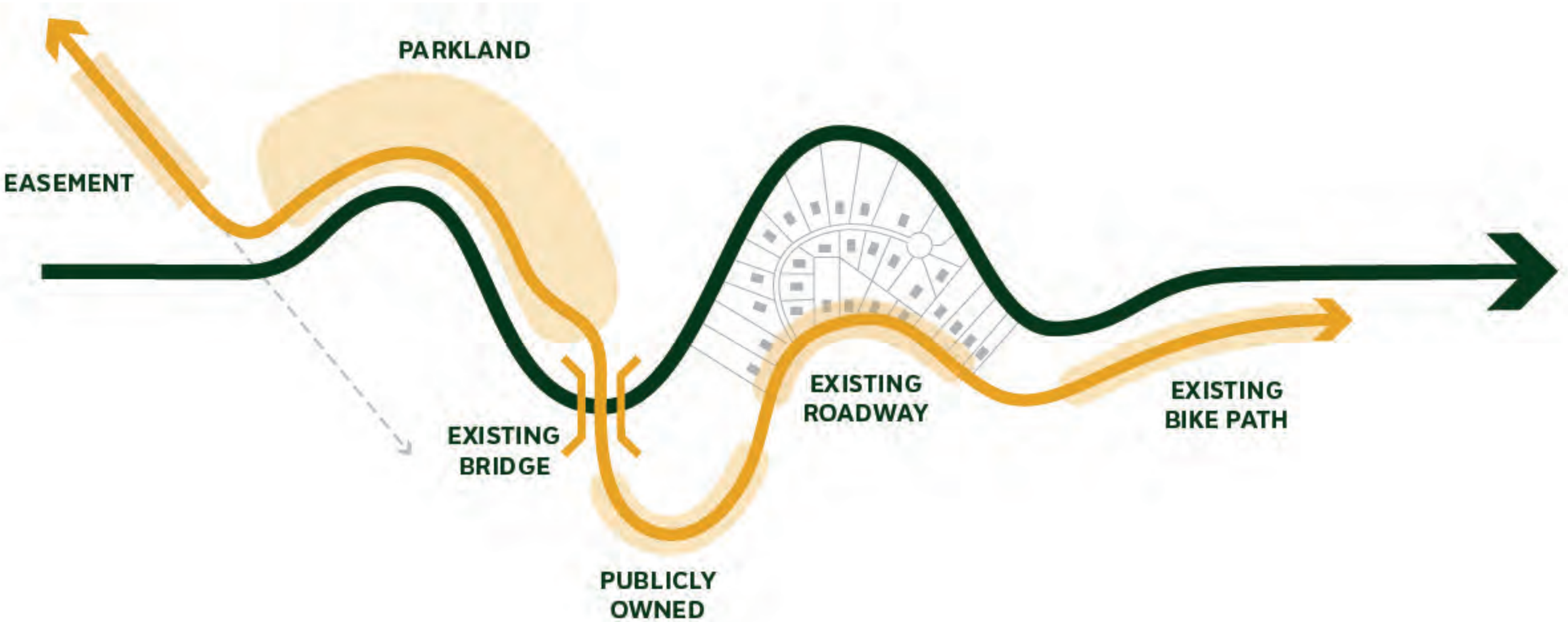

SAC ALIGNMENTS
CHATTAHOOCHEE RIVERLANDS
LAND USE MAP 1
Industrial
Commercial
Greenspace
Residential
Agriculture
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways


PUBLIC TRANSIT
CHATTAHOOCHEE RIVERLANDS
PUBLIC TRANSIT MAP 1
Transit Stops
MARTA bus
Other Regional Public Transit
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways


SAFETY
CHATTAHOOCHEE RIVERLANDS
PEDESTRIAN + BIKE SAFETY RISK MAP 1
Walk/Bike Crash Risk
low
high
Chattahoochee River & Creeks
1-Mile Buffer
Major Roads & Expressways

APPROACH

PATH OF LEAST RESISTANCE



PATH OF LEAST RESISTANCE

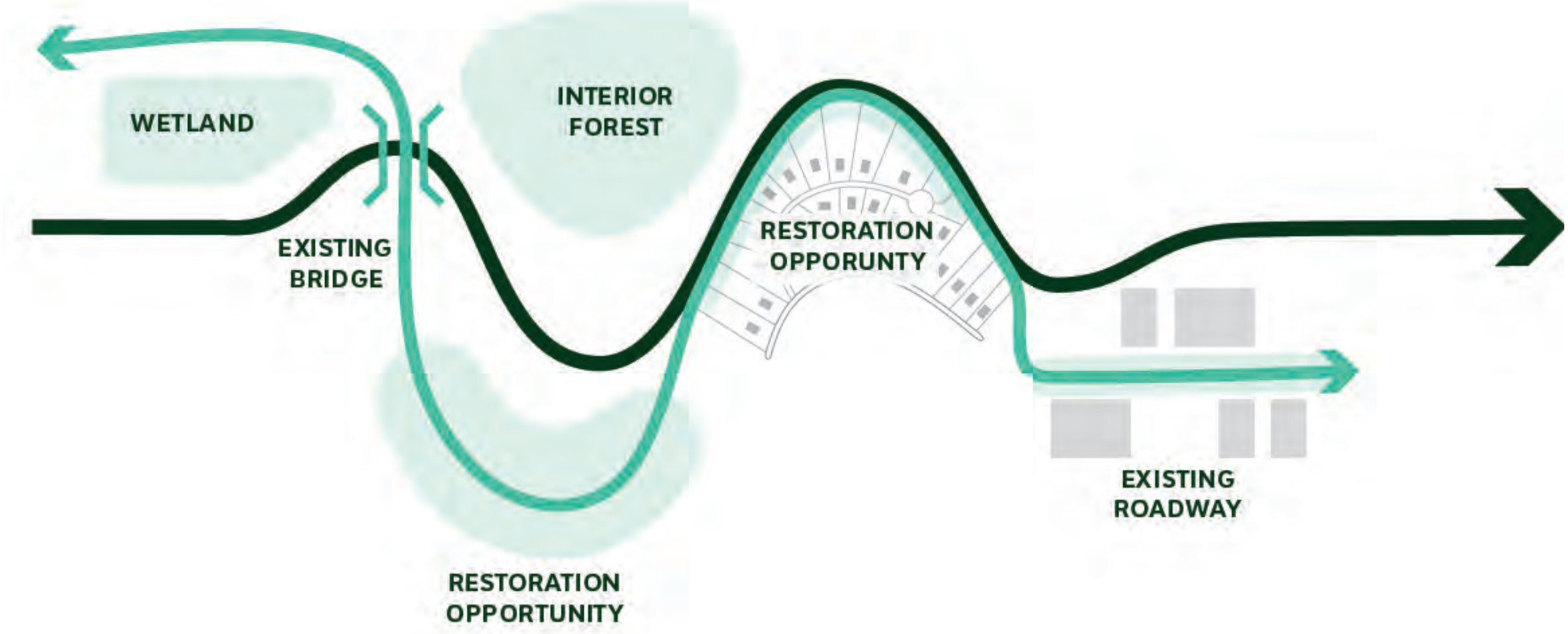
- Avoids Privately Owned Parcels

- Utilizes Existing Trails,
  Easements and Pathways

- Existing Bridge Crossings

- Aligns to Existing Roadway Networks

PATH OF LEAST ECOLOGICAL IMPACTS



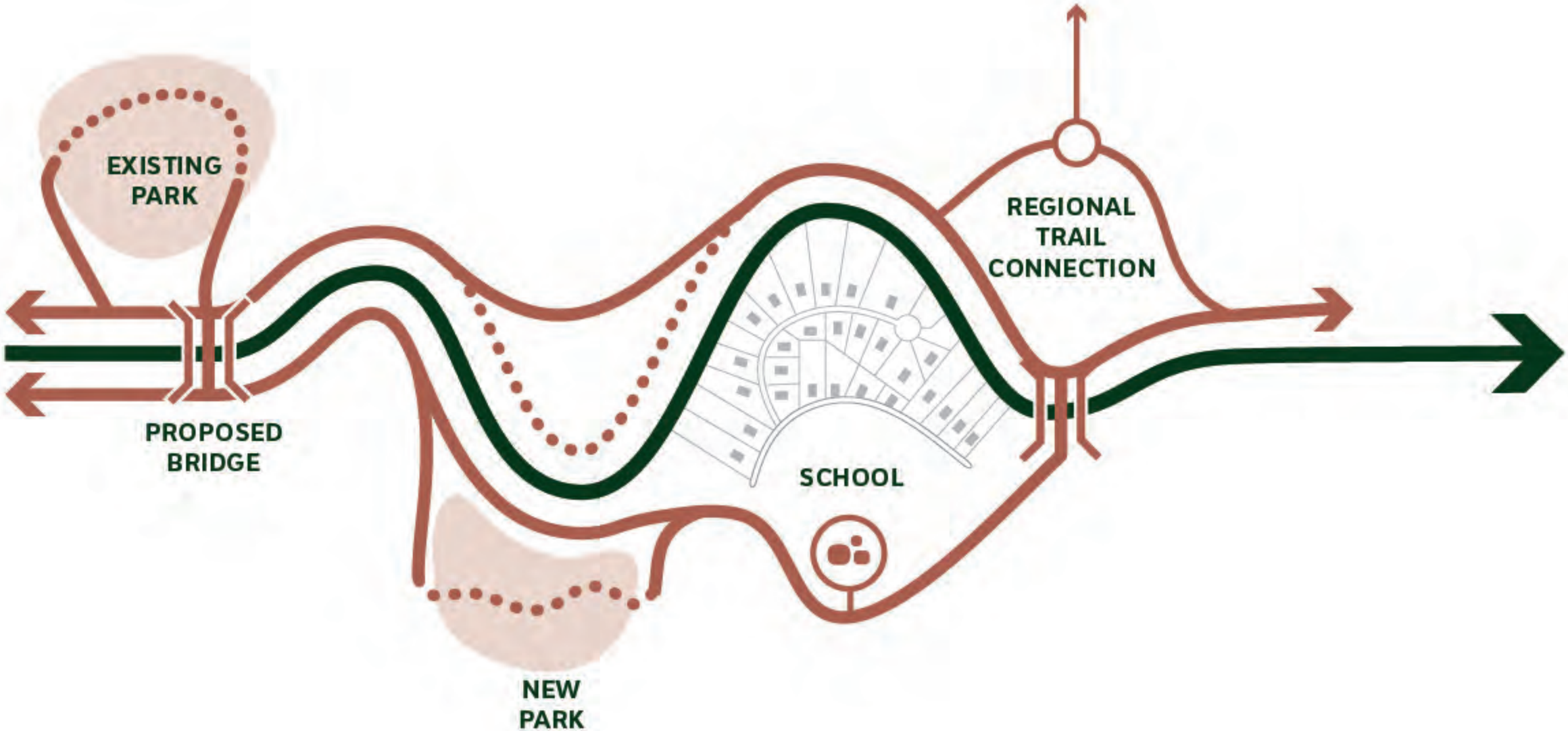
PATH OF LEAST ECOLOGICAL IMPACTS

- Minimizes Impacts to
  Ecologically sensitive areas

- Minimizes Forest Fragmentation

- Avoids fragile wetlands
  and flood prone areas

NETWORK OF DESTINATIONS



NETWORK OF DESTINATIONS

- Network of Priority Destinations or Nodes

- Prioritize Access for All

- May be More "Urban in Nature"

- Often, Further Away From the River's Edge

Chattahoochee RiverLands Greenway Plan

Last Updated: 09.09.2019

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FORSYTH COUNTY

MASHBURN ELEMENTARY IS JUST OFF THE MAP

HAW CREEK ELEMENTARY + LAKESIDE MIDDLE SCHOOL

HAW CREEK

NETWORK OF DESTINATIONS

WINDERMERE PKWY

BUFORD HIGHWAY

ECOLOGICAL

BOWMAN'S ISLAND TRAILHEAD

CRNRA: BOWMANS ISLAND WEST UNIT

L-101

FISH WEIR

FISH HATCHERY

HIGHWAY 20 BRIDGE

BOWMANS ISLAND

346

347

348

RIVERLANDS TRAILHEAD

CRNRA: BOWMANS ISLAND EAST UNIT

NEW PEDESTRIAN CROSSING

BURFORD DAM ROAD

FORSYTH COUNTY

LEAST RESISTANCE

RICHLAND CREEK TRIBUTARY TRAIL

LAKE LANIER TRAILHEAD

LAKE LANIER

RICHLAND CREEK

GWINNETT COUNTY

BUFORD DAM PARK

SUGAR HILL

CUMMING HWY NE

WHITE OAK ELEMENTARY + LANIER MIDDLE SCHOOL

SUWANEE DAM RD

HALL COUNTY

GARY PIRKLE PARK

GWINNETT COUNTY

LEGEND

PATH OF LEAST RESISTANCE

PATH OF LEAST ECOLOGICAL IMPACT

NETWORK OF DESTINATIONS

EXISTING

0 250' 500' 1000' 1500'

SITE PLAN

L-100

PATH OF LEAST RESISTANCE

FORSYTH COUNTY

MASHBURN ELEMENTARY
IS JUST OFF THE MAP

HAW CREEK ELEMENTARY +
LAKESIDE MIDDLE SCHOOL

HAW CREEK

WINDERMERE PKWY

BUFORD HIGHWAY

HAW CREEK
TRIBUTARY TRAIL

BOWMAN'S ISLAND
TRAILHEAD

L-101

FISH
WEIR

FISH
HATCHERY

CRNRA: BOWMANS
ISLAND WEST UNIT

HIGHWAY
20 BRIDGE

BOWMANS ISLAND

346

347

348

RIVERLANDS
TRAILHEAD

CRNRA: BOWMANS
ISLAND EAST UNIT

NEW PEDESTRIAN
CROSSING

FORSYTH COUNTY

BURFORD DAM ROAD

LEAST RESISTANCE

LAKE LANIER
TRAILHEAD

LAKE LANIER

GWINNETT COUNTY

BUFORD
DAM PARK

SUGAR HILL

CUMMING HWY NE

WHITE OAK ELEMENTARY +
LANIER MIDDLE SCHOOL

SUWANEE DAM RD

HALL COUNTY

GARY PIRKLE PARK

GWINNETT COUNTY

Chattahoochee RiverLands Greenway Plan

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LEGEND

PATH OF LEAST RESISTANCE

PATH OF LEAST ECOLOGICAL IMPACT

NETWORK OF DESTINATIONS

EXISTING

0 250' 500' 1000' 1500'

SITE PLAN

L-100

PATH OF LEAST ECOLOGICAL IMPACTS

FORSYTH COUNTY

MASHBURN ELEMENTARY
IS JUST OFF THE MAP

HAW CREEK ELEMENTARY +
LAKESIDE MIDDLE SCHOOL

HAW CREEK

WINDERMERE PKWY

BUFORD HIGHWAY

ECOLOGICAL

HAW CREEK
TRIBUTARY TRAIL

BOWMAN'S ISLAND
TRAILHEAD

CRNRA: BOWMANS
ISLAND WEST UNIT

L-101

FISH
WEIR

FISH
HATCHERY

HIGHWAY
20 BRIDGE

346

347

BOWMANS ISLAND

348

RIVERLANDS
TRAILHEAD

CRNRA: BOWMANS
ISLAND EAST UNIT

FORSYTH COUNTY

NEW PEDESTRIAN
CROSSING

BURFORD DAM ROAD

RICHLAND CREEK
TRIBUTARY TRAIL

LAKE LANIER
TRAILHEAD

LAKE LANIER

RICHLAND CREEK

BUFORD
DAM PARK

GWINNETT COUNTY

SUGAR HILL

WHITE OAK ELEMENTARY +
LANIER MIDDLE SCHOOL

CUMMING HWY NE

SUWANEE DAM RD

HALL COUNTY

GARY PIRKLE PARK

GWINNETT COUNTY

Chattahoochee RiverLands Greenway Plan

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LEGEND

PATH OF LEAST RESISTANCE

PATH OF LEAST ECOLOGICAL IMPACT

NETWORK OF DESTINATIONS

EXISTING

BOAT LAUNCH - Existing

BRIDGE - Multiple Alignments

0 250' 500' 1000' 1500'

SITE PLAN

L-100

NETWORK OF DESTINATIONS

FORSYTH COUNTY

MASHBURN ELEMENTARY
IS JUST OFF THE MAP

HAW CREEK ELEMENTARY +
LAKESIDE MIDDLE SCHOOL

HAW CREEK

WINDERMERE PKWY

NETWORK OF DESTINATIONS

BUFORD H

HAW CREEK
TRIBUTARY TRAIL

BOWMAN'S ISLAND
TRAILHEAD

L-101

FISH
WEIR

FISH
HATCHERY

CRNRA: BOWMANS
ISLAND WEST UNIT

HIGHWAY
20 BRIDGE

346

347

BOWMANS ISLAND

348

RIVERLANDS
TRAILHEAD

CRNRA: BOWMANS
ISLAND EAST UNIT

BURFORD DAM ROAD

NEW PEDESTRIAN
CROSSING

FORSYTH COUNTY

RICHLAND CREEK
TRIBUTARY TRAIL

LAKE LANIER
TRAILHEAD

RICHLAND CREEK

LAKE LANIER

CUMMING HWY NE

SUGAR HILL

BUFORD
DAM PARK

GWINNETT COUNTY

WHITE OAK ELEMENTARY +
LANIER MIDDLE SCHOOL

SUWANEE DAM RD

HALL COUNTY

GARY PIRKLE PARK

GWINNETT COUNTY

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LEGEND

PATH OF LEAST RESISTANCE

PATH OF LEAST ECOLOGICAL IMPACT

NETWORK OF DESTINATIONS

EXISTING

0 250' 500' 1000' 1500'

SITE PLAN

L-100

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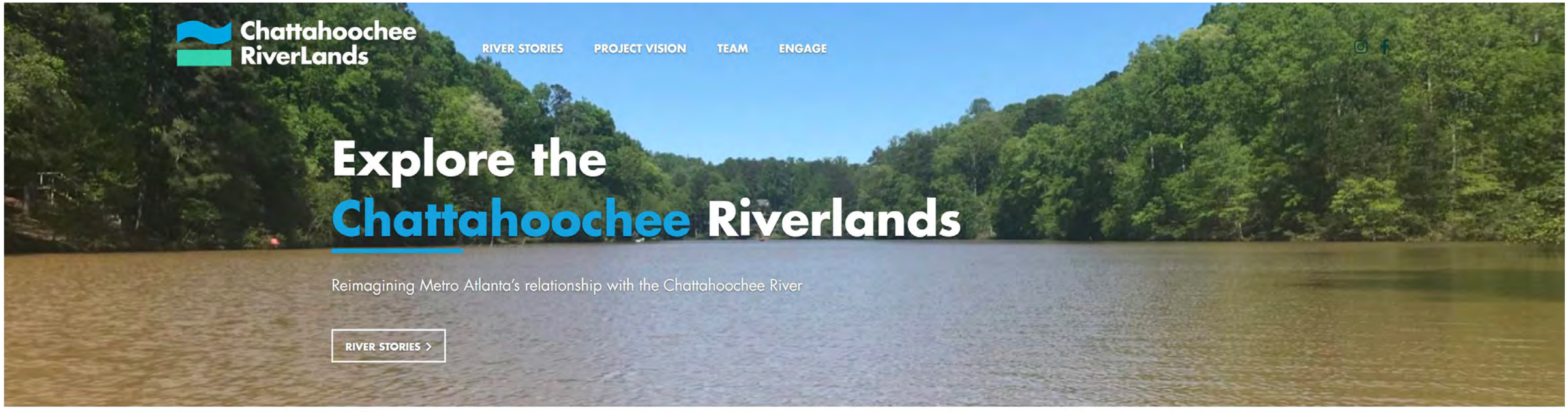

River Stories

EXPLORE MAP >

HISTORY & CULTURE >

Explore how the historic and contemporary relationships between the River, its resources, and the growth and development of the region will shape the design of the Greenway

ECOLOGY & HABITAT >

See how the riparian corridor and tributary connections of the Chattahoochee River provide valuable green space for people and support the plants and wildlife that are the foundation of its ecological health

DOWNLOADS:

SCAPE

Chattahoochee RiverLands

THANK YOU!