



HISTORIC CHARLESTON
FOUNDATION

JARED BRAMBLETT
Moffatt & Nichol
Resilience



Mt. Siani Church, America Street (2016)

CHARLESTON WATER PLAN *KEY MESSAGES*

0 1

Space
for water

Understand where it was,
anticipate where it wants to be

0 2

Elevation
matters

We have very little high ground
on the Peninsula

0 3

Act now,
adapt over
time

Build in adaptive capacity before
conditions demand it

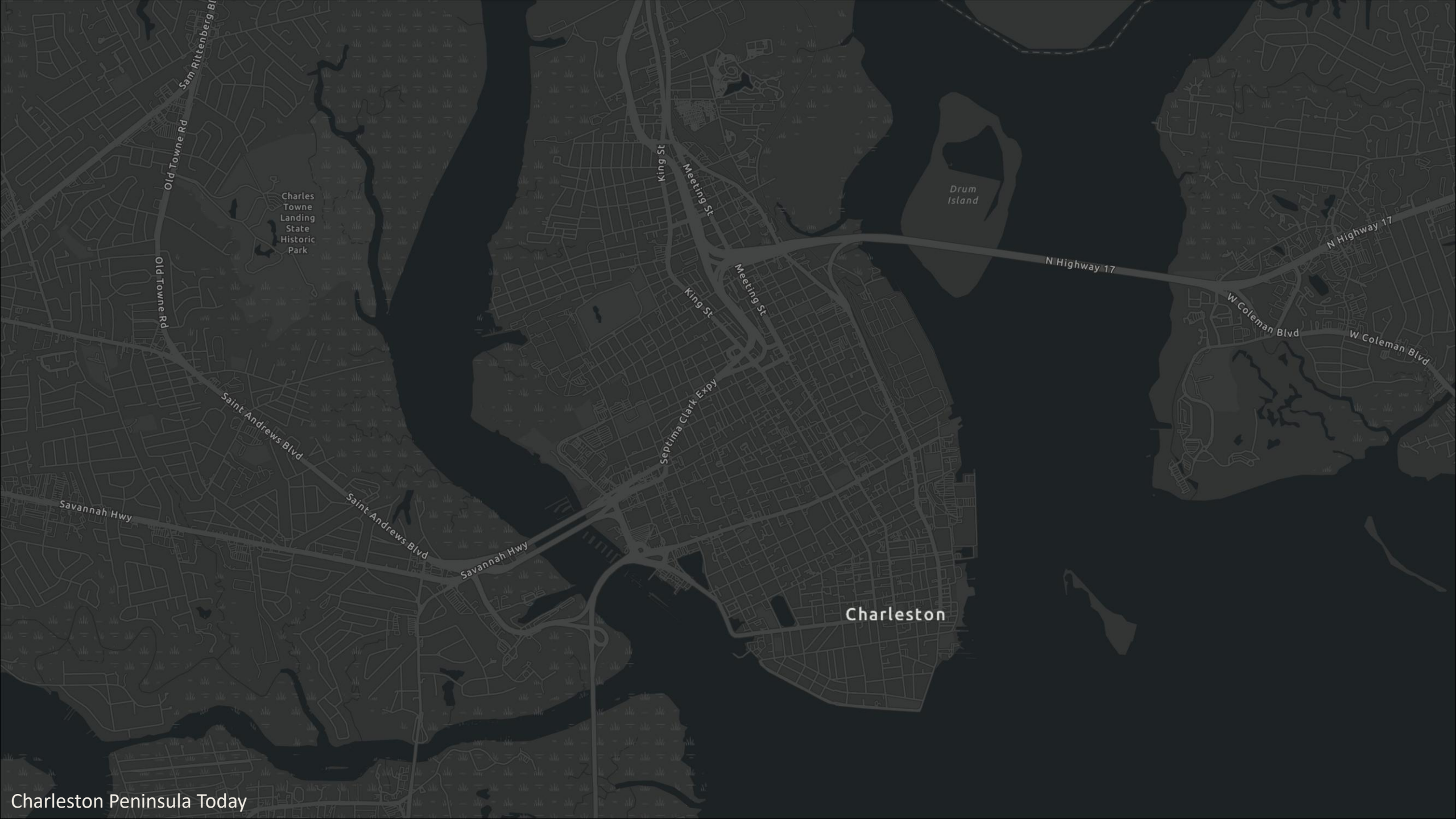
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Space for water

Understand where it was, anticipate
where it wants to be



Marsh near Little Edisto Island



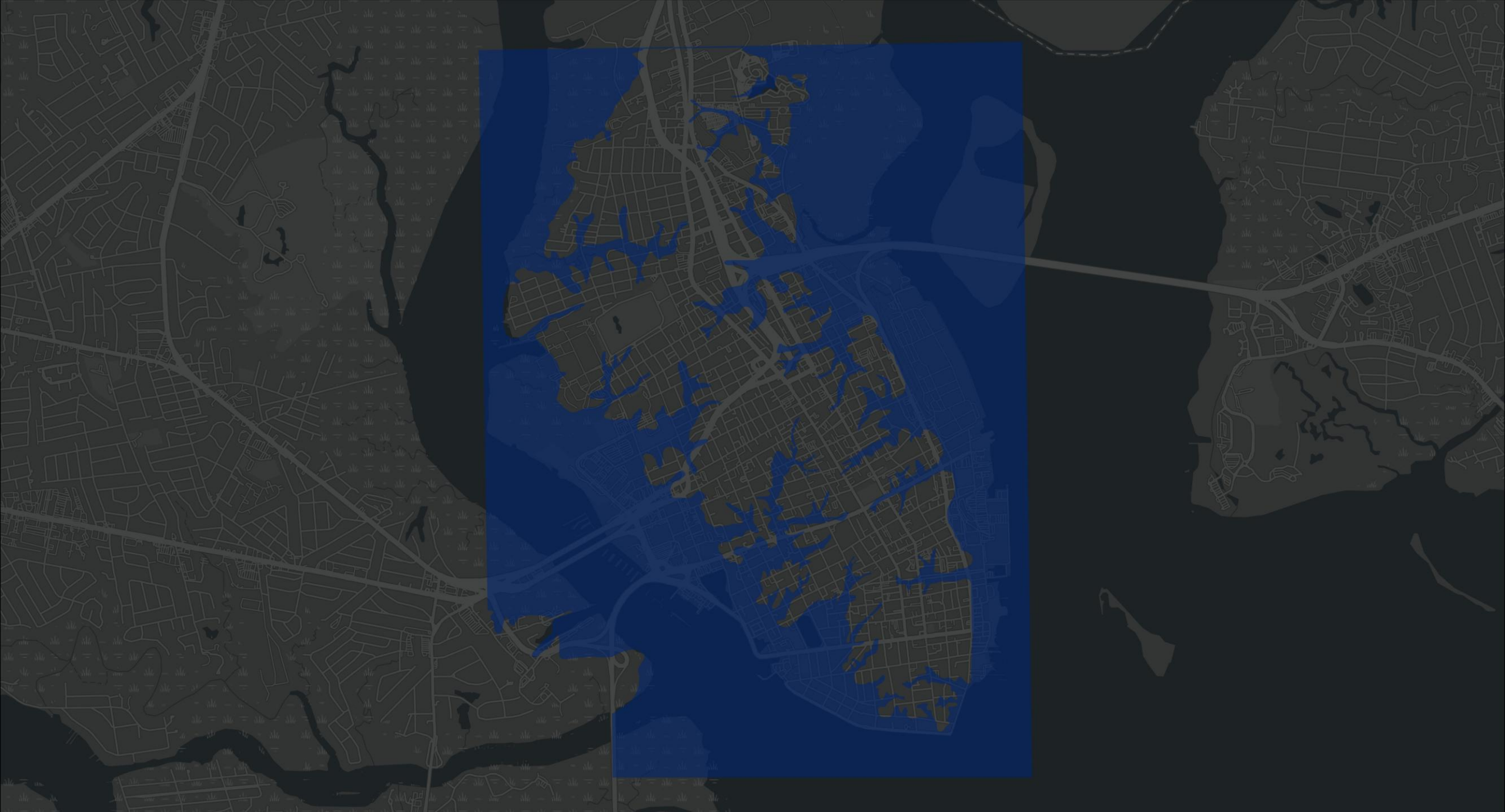
Charles
Towne
Landing
State
Historic
Park

Drum
Island

Charleston



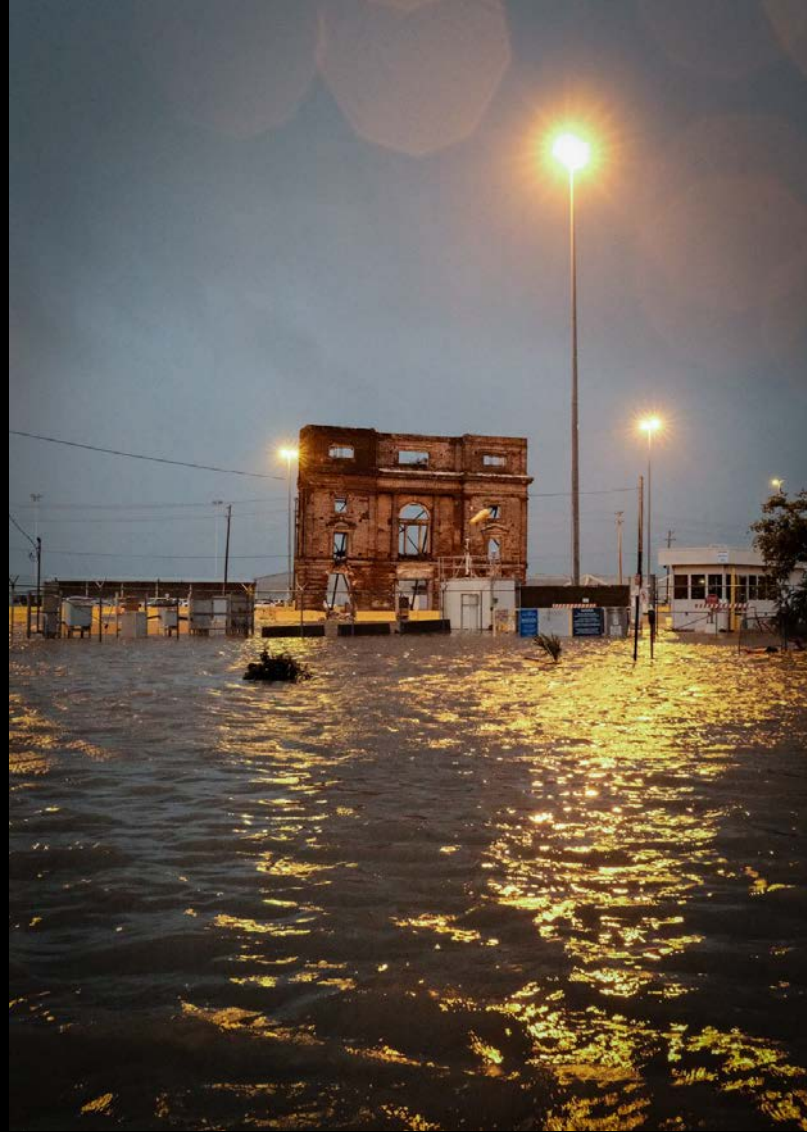
Halsey Map (1949)



Historic Tidal Creeks overlaid on the Peninsula



Cannon Park, 2022



Union Pier Terminal, 2023



Lockwood at Broad, 2024

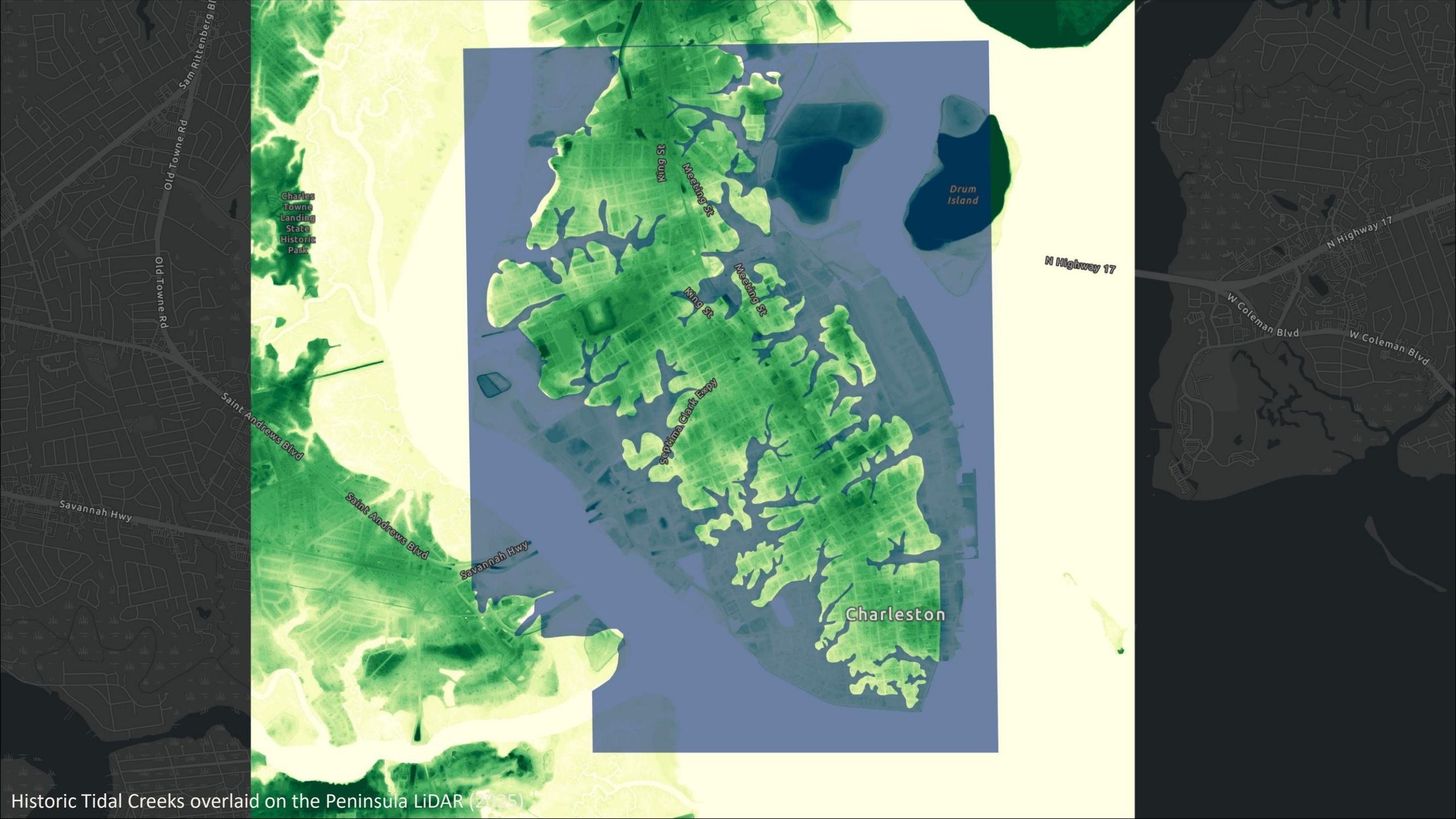
0 2

Elevation matters

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Charleston County LiDAR Elevation (2025)



Historic Tidal Creeks overlaid on the Peninsula LiDAR (2025)



Charles Towne Landing State Historic Park

Drum Island

Charleston

500YR Flood Zone

100YR Flood Zone

FEMA Flood Zones



Street Level Commercial Space Built to FEMA Flood Standards

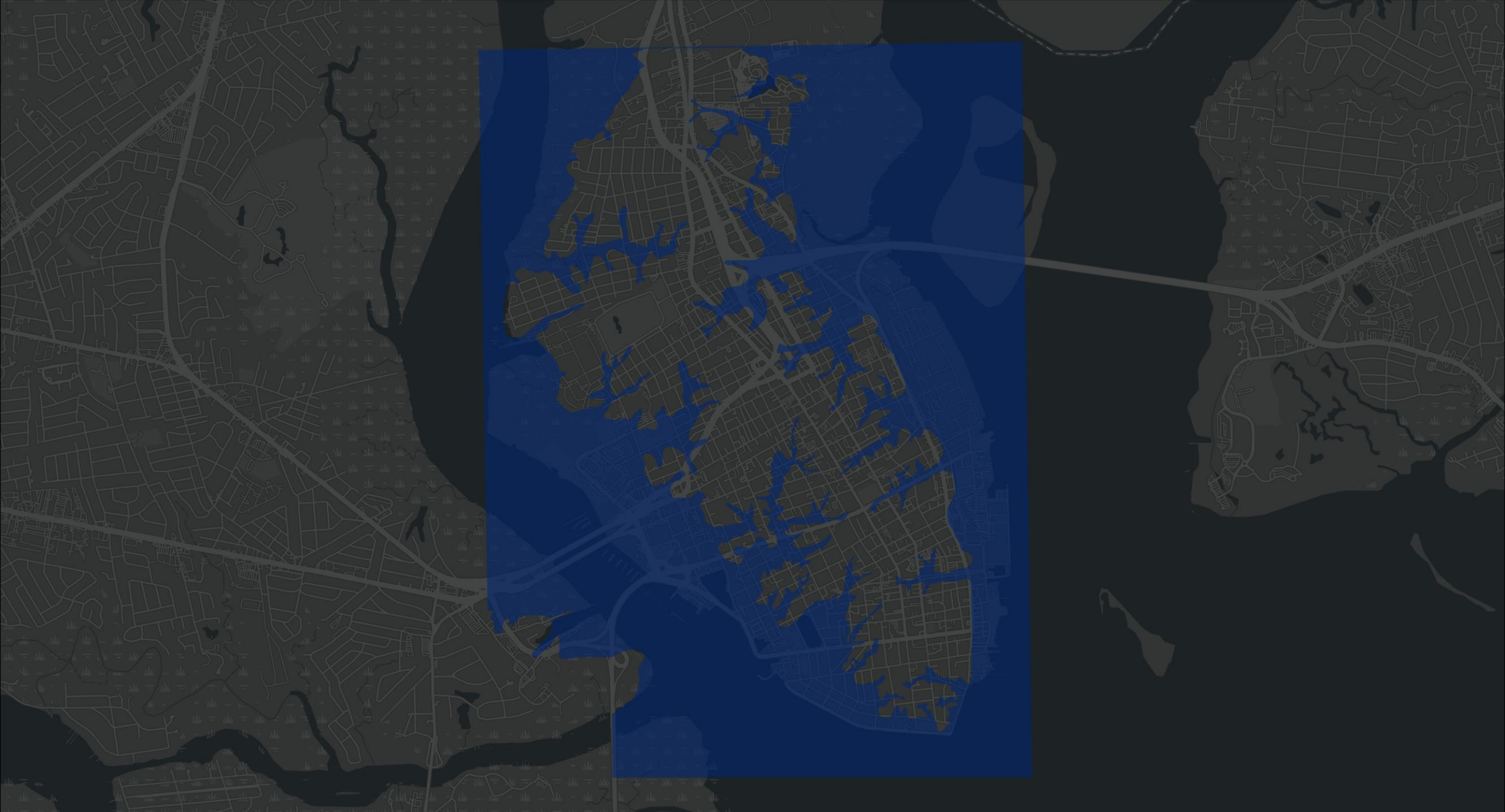


Elevated infill developments on the Peninsula

03

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Historic Tidal Creeks overlaid on the Peninsula



Sam Rittenberg Blvd
Old Towne Rd
Old Towne Rd

Charles Towne Landing State Historic Park

King St

Meeting St

King St

Meeting St

Septima Clark Expy

Drum Island

N Highway 17

N Highway 17

W Coleman Blvd

W Coleman Blvd

Saint Andrews Blvd

Savannah Hwy

Saint Andrews Blvd

Savannah Hwy

Charleston



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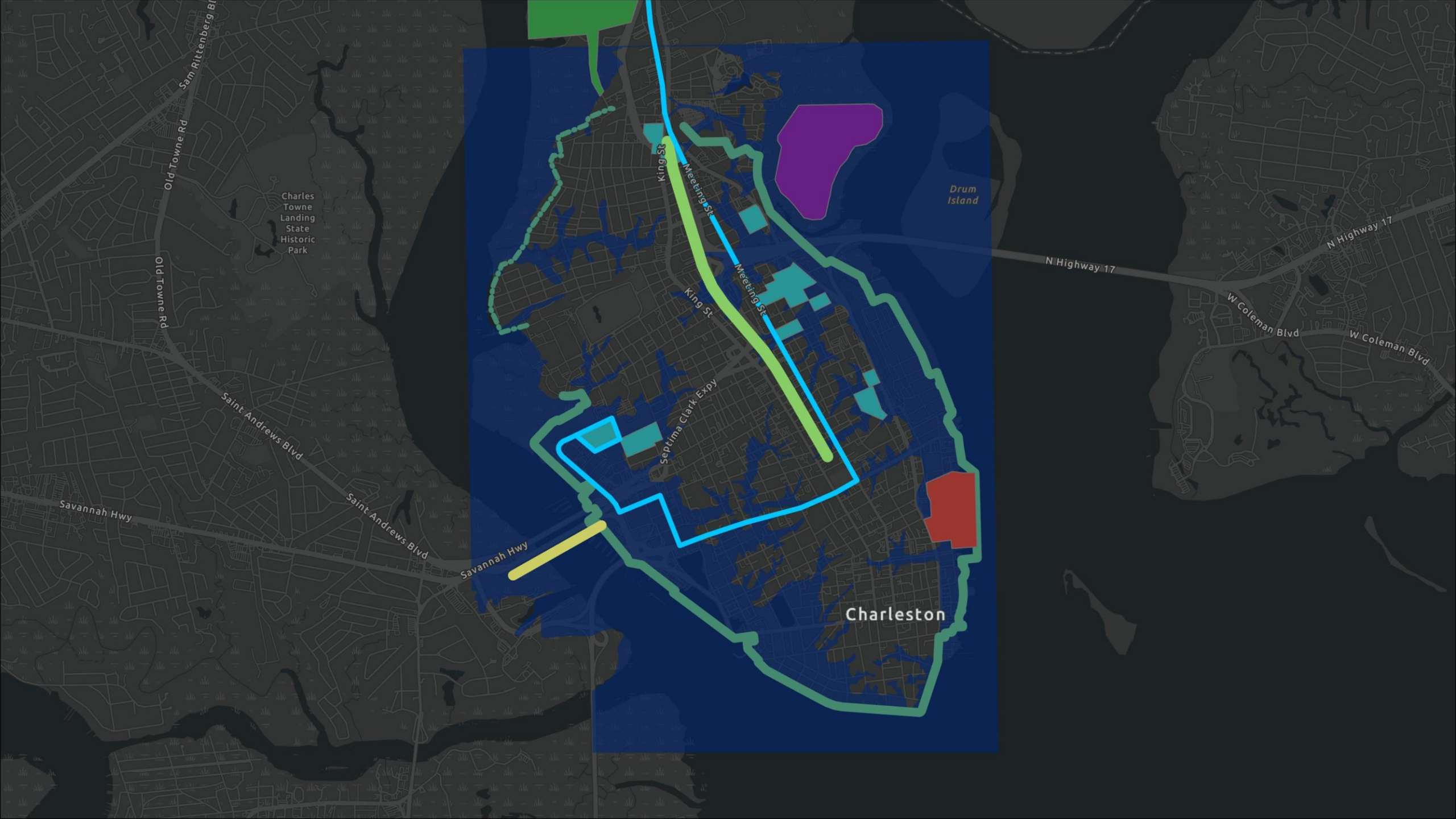
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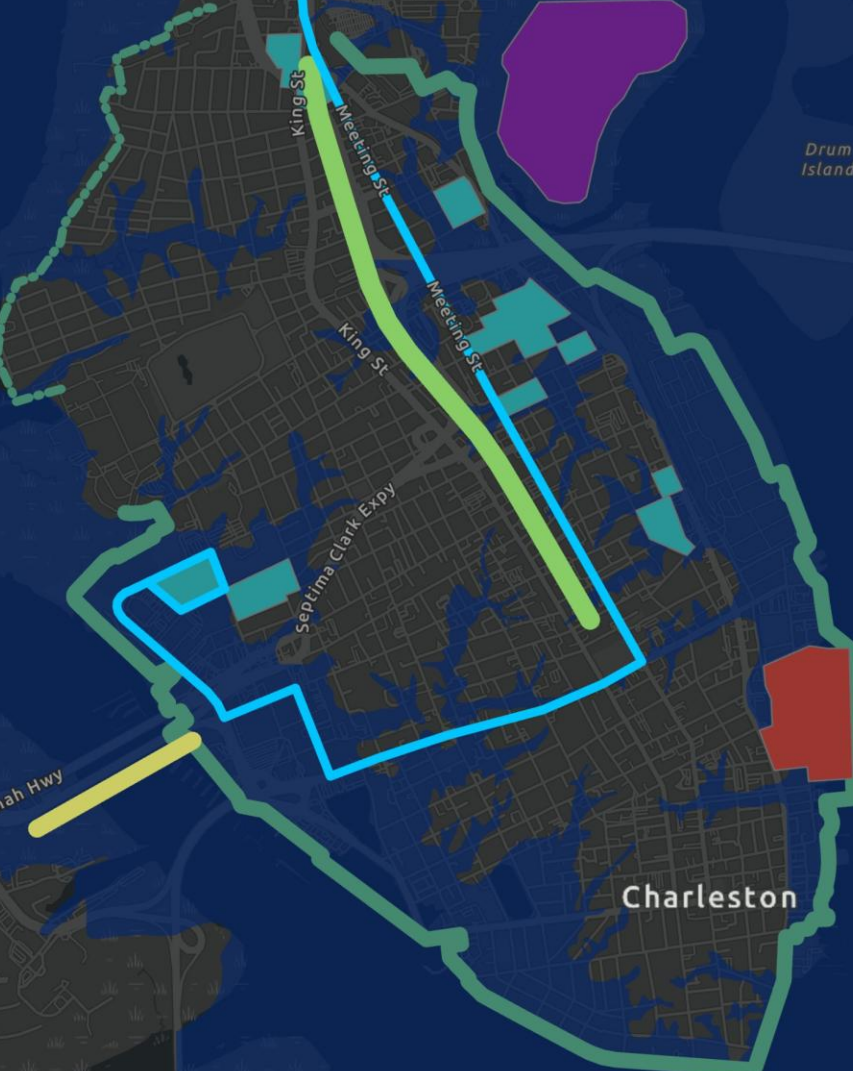
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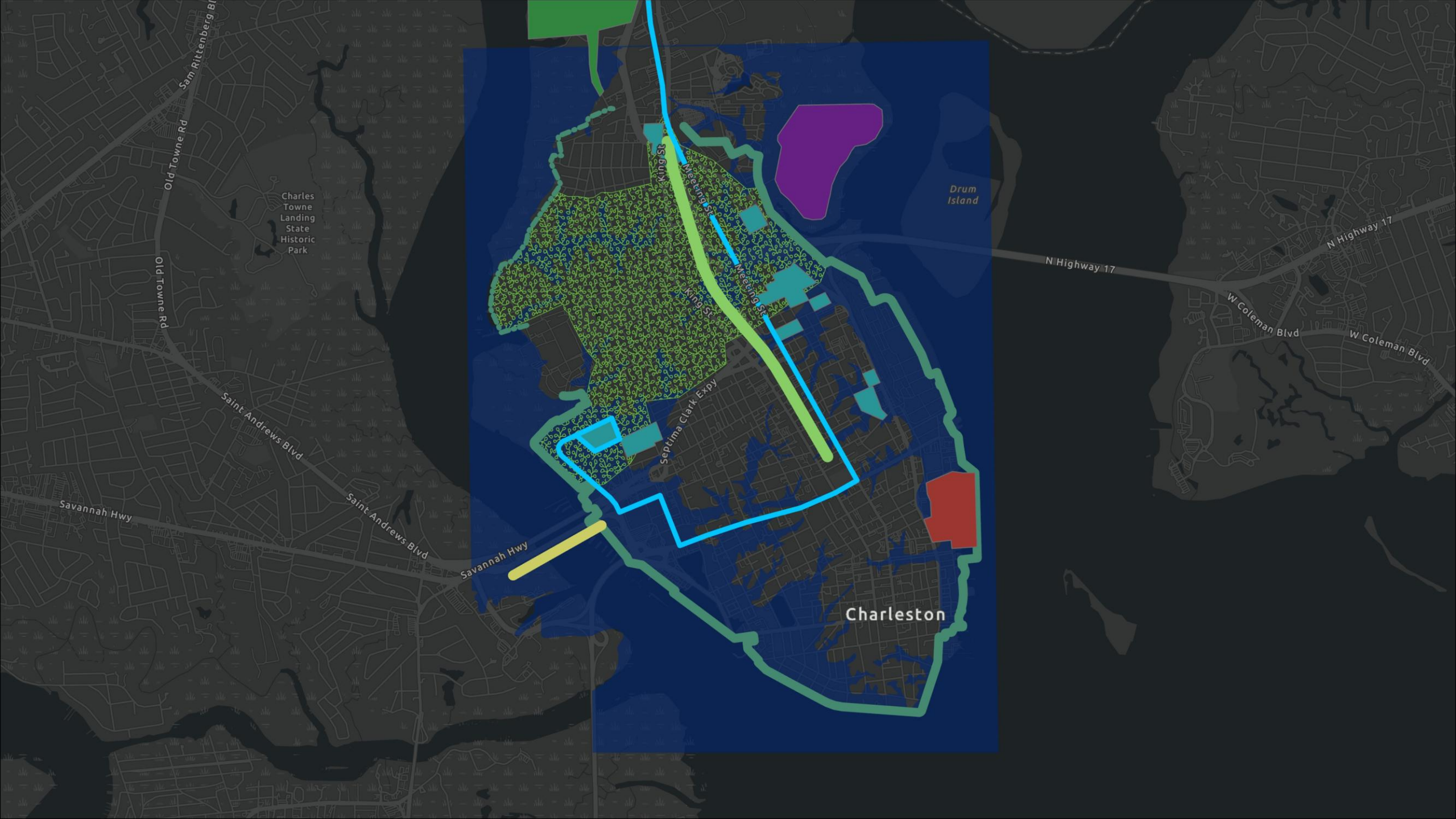
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