APPENDIX D: LPRSA LAND USE AND SHORELINE FEATURES FOR HUMAN ACCESS AND EXPOSURE FIGURE

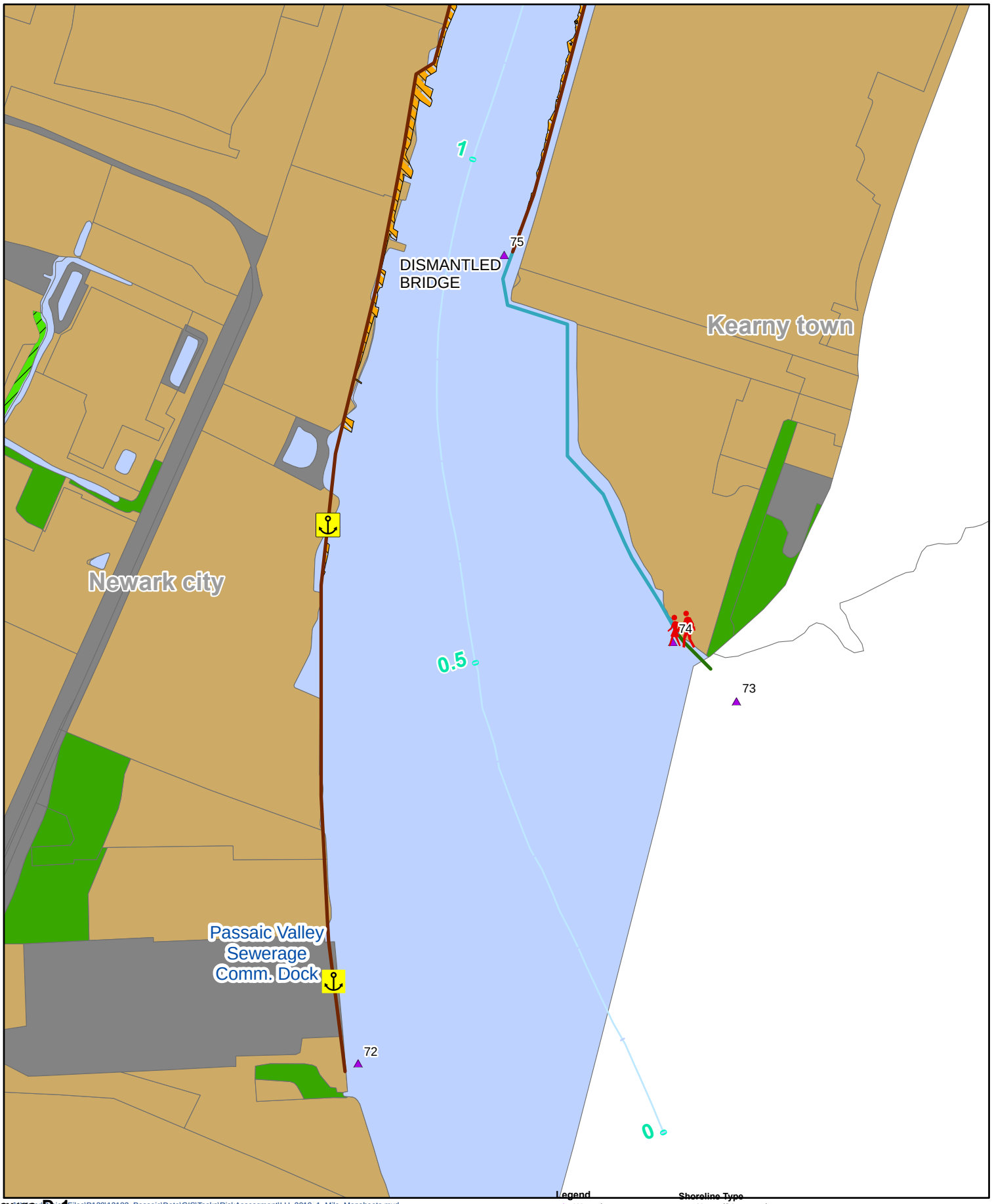

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 1 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

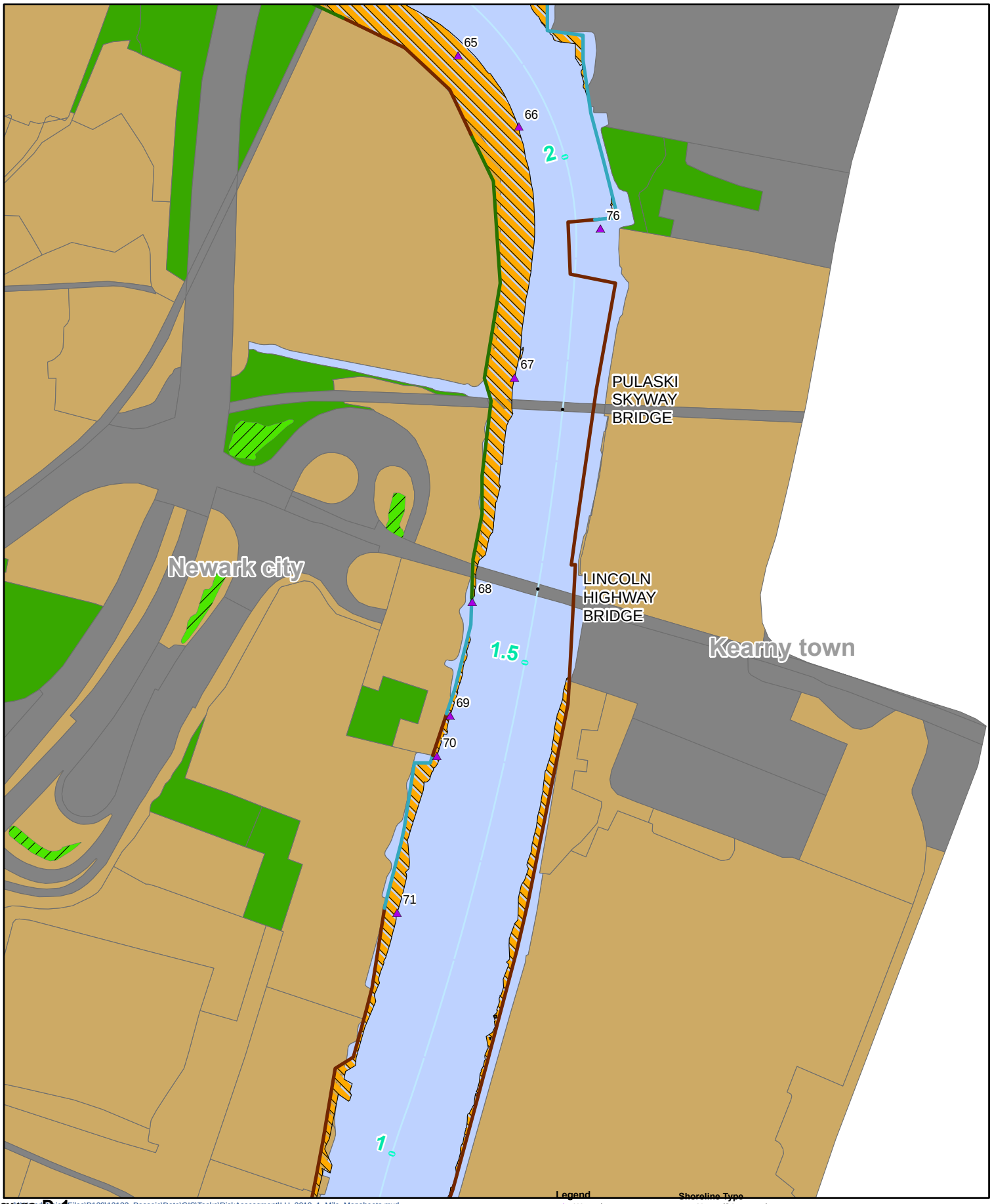

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 2 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

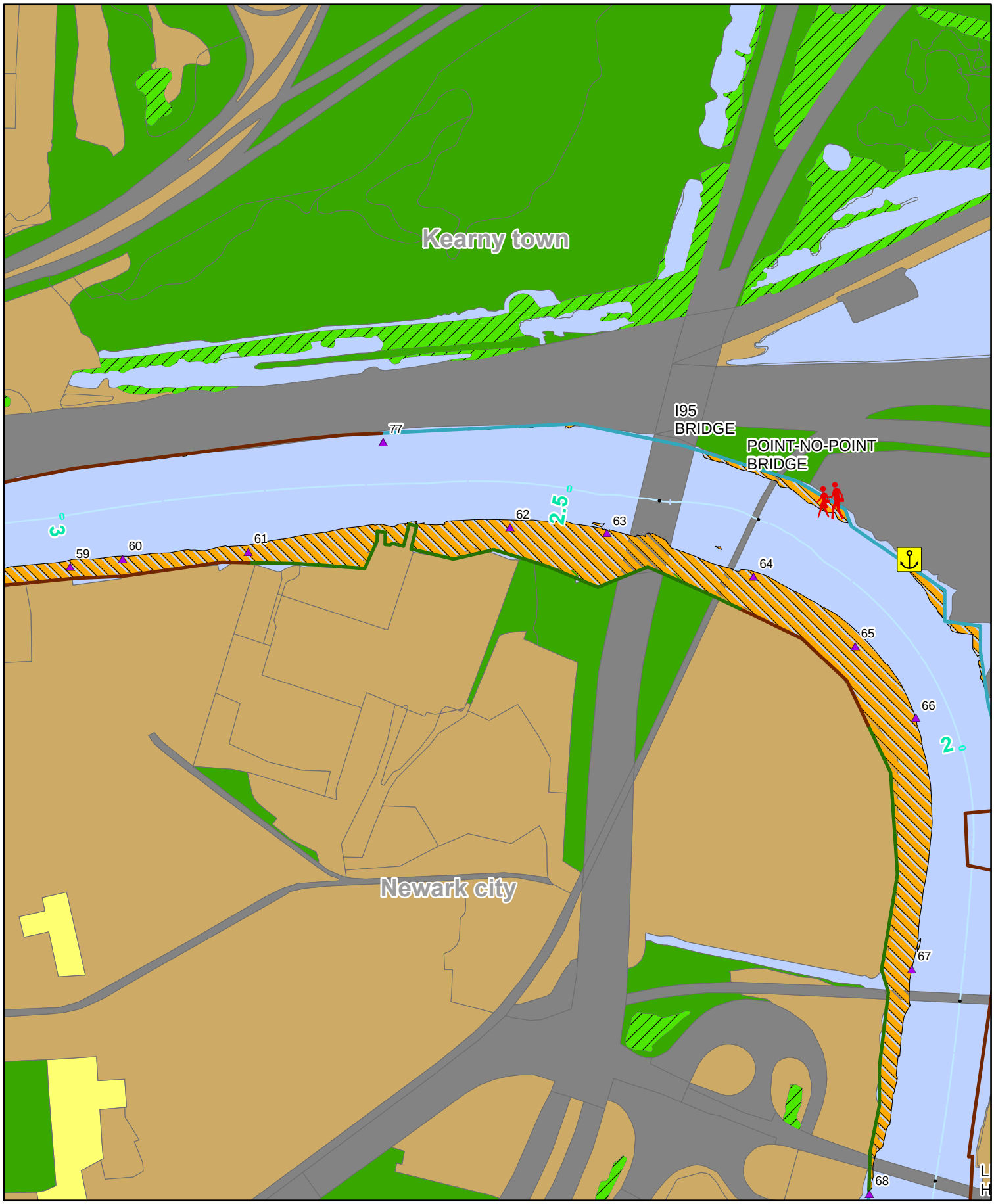

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Figure D-1 LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011
Land Use: NJDEP, 2007
Coordinate System: NJ State Plane, Feet

Sheet 3 of 17

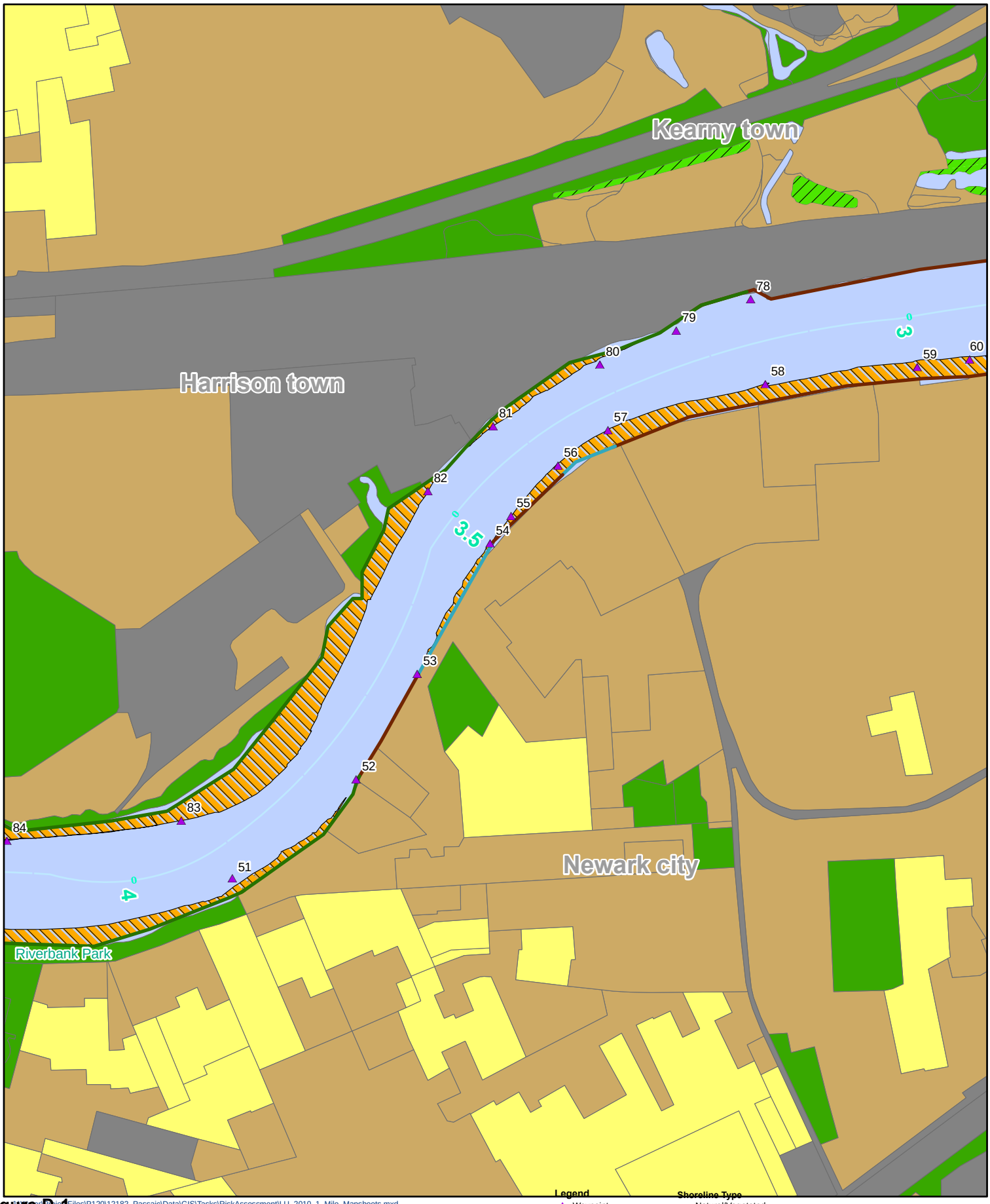


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 4 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

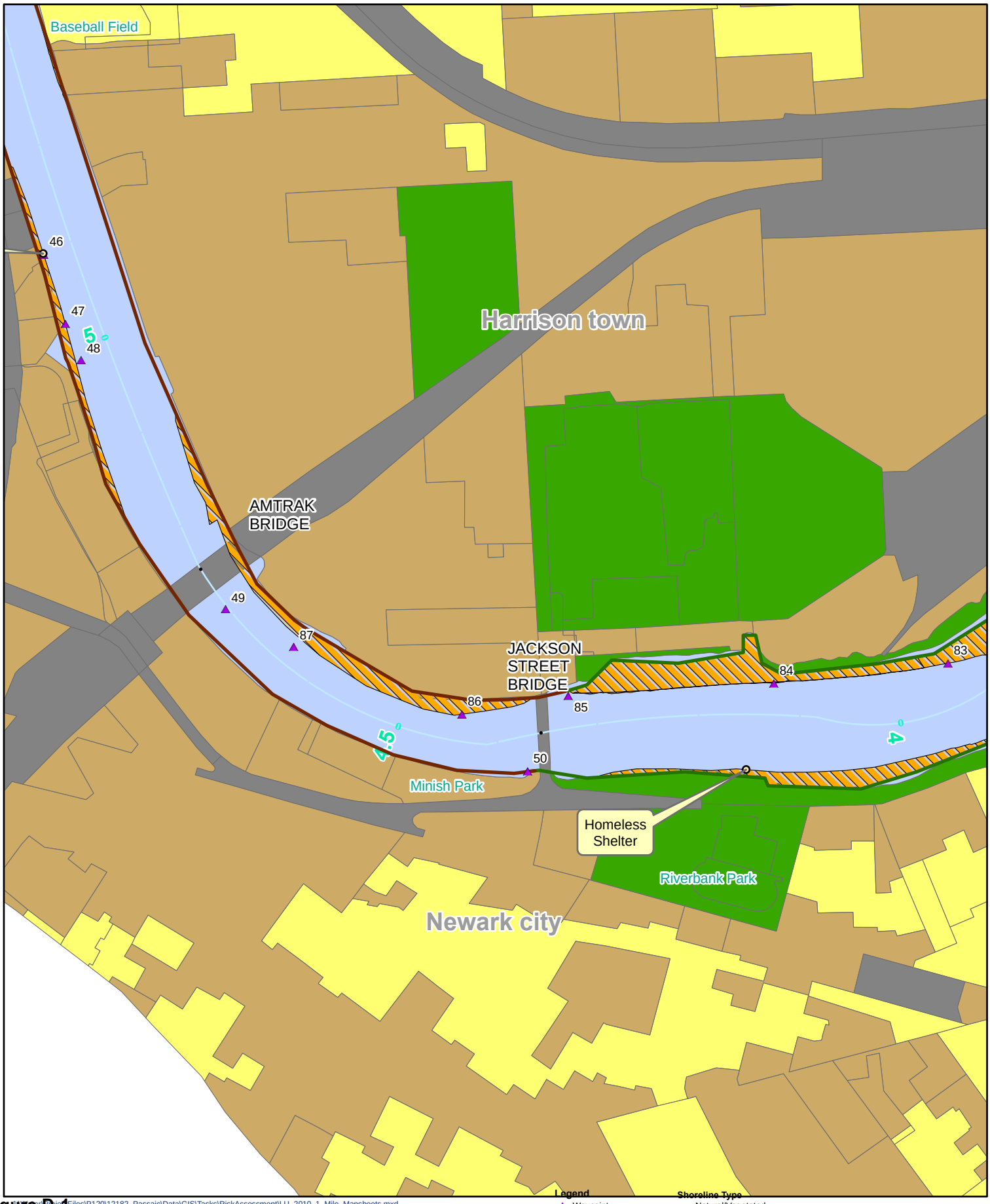


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 5 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

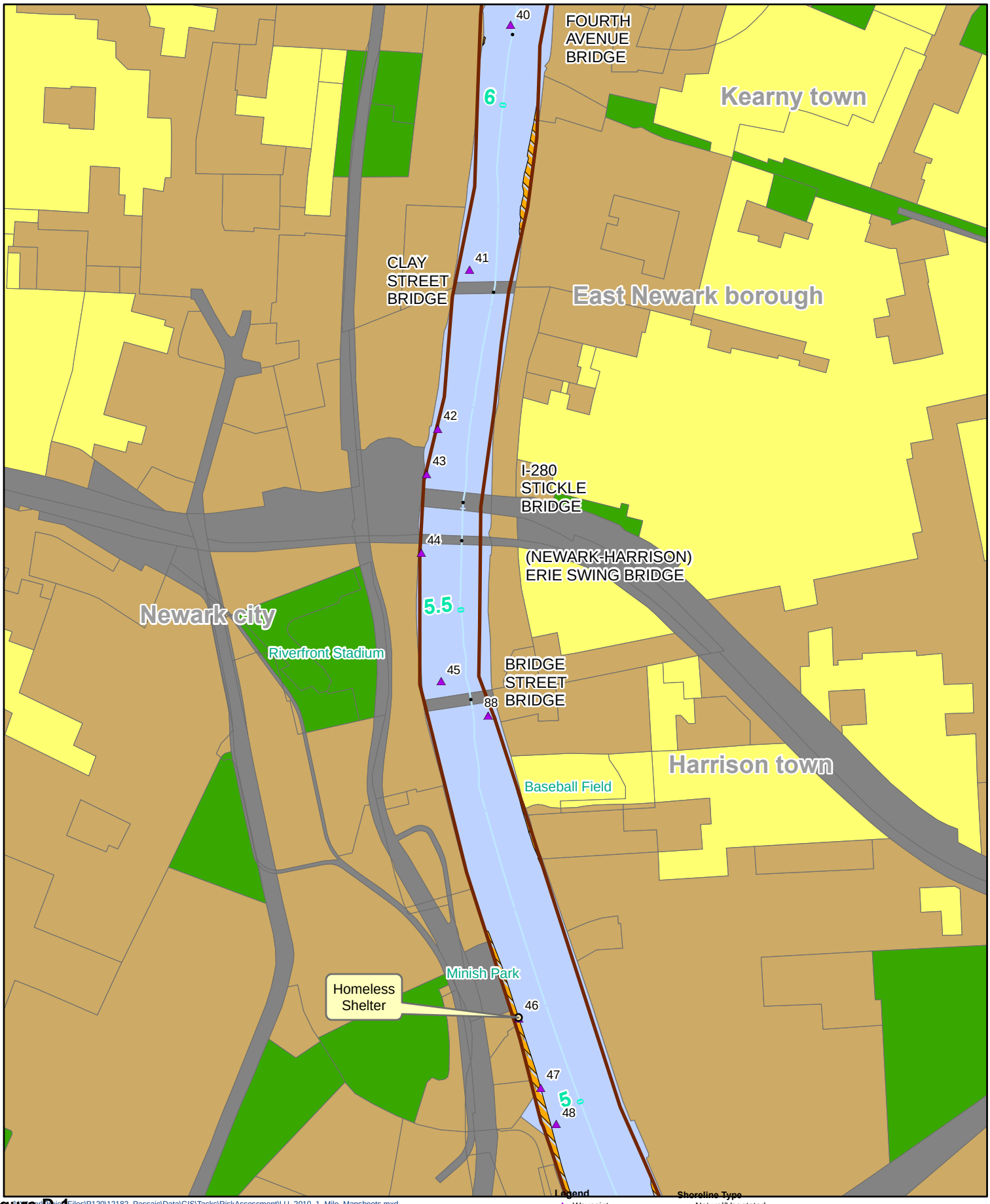


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 6 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

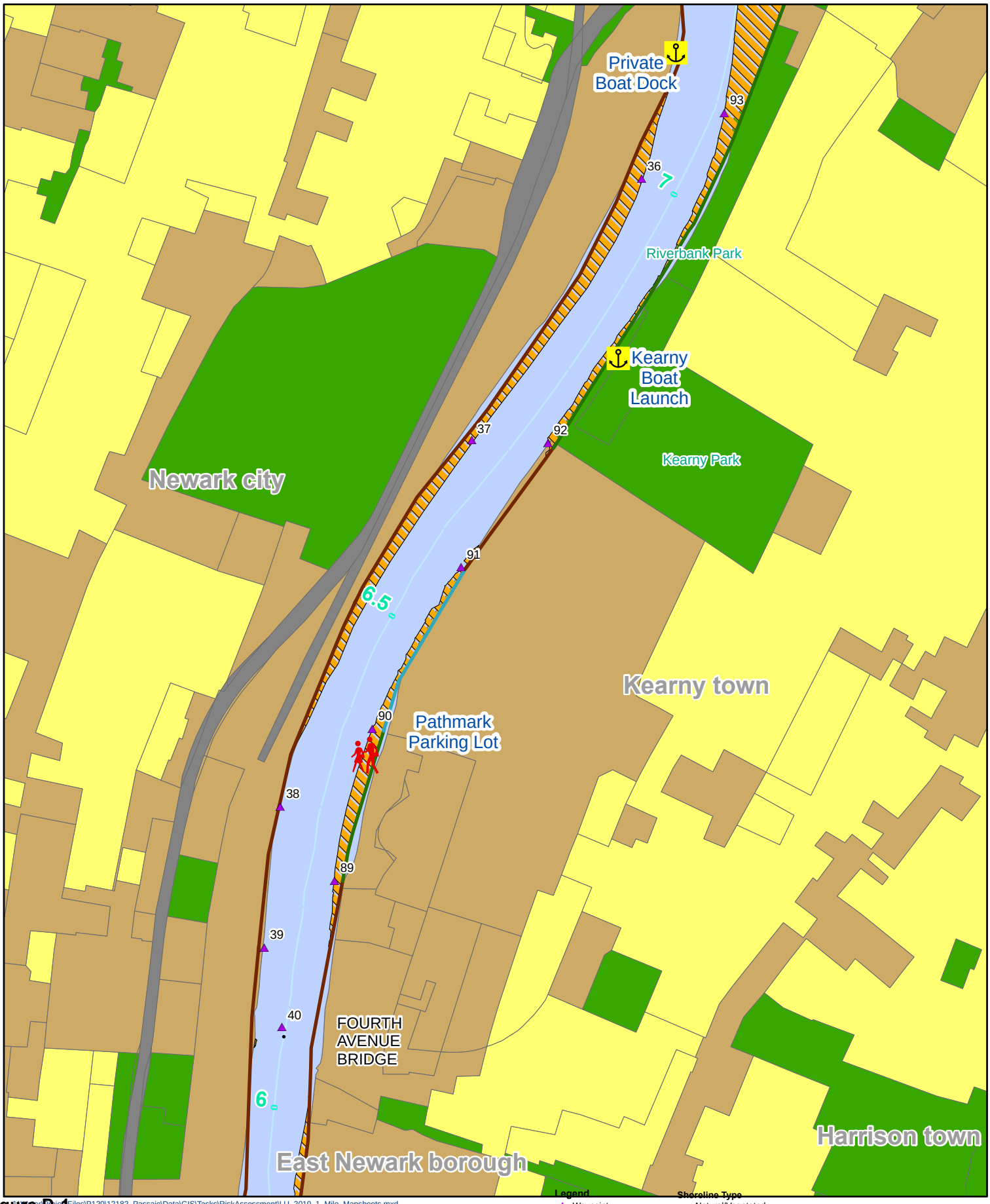


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 7 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

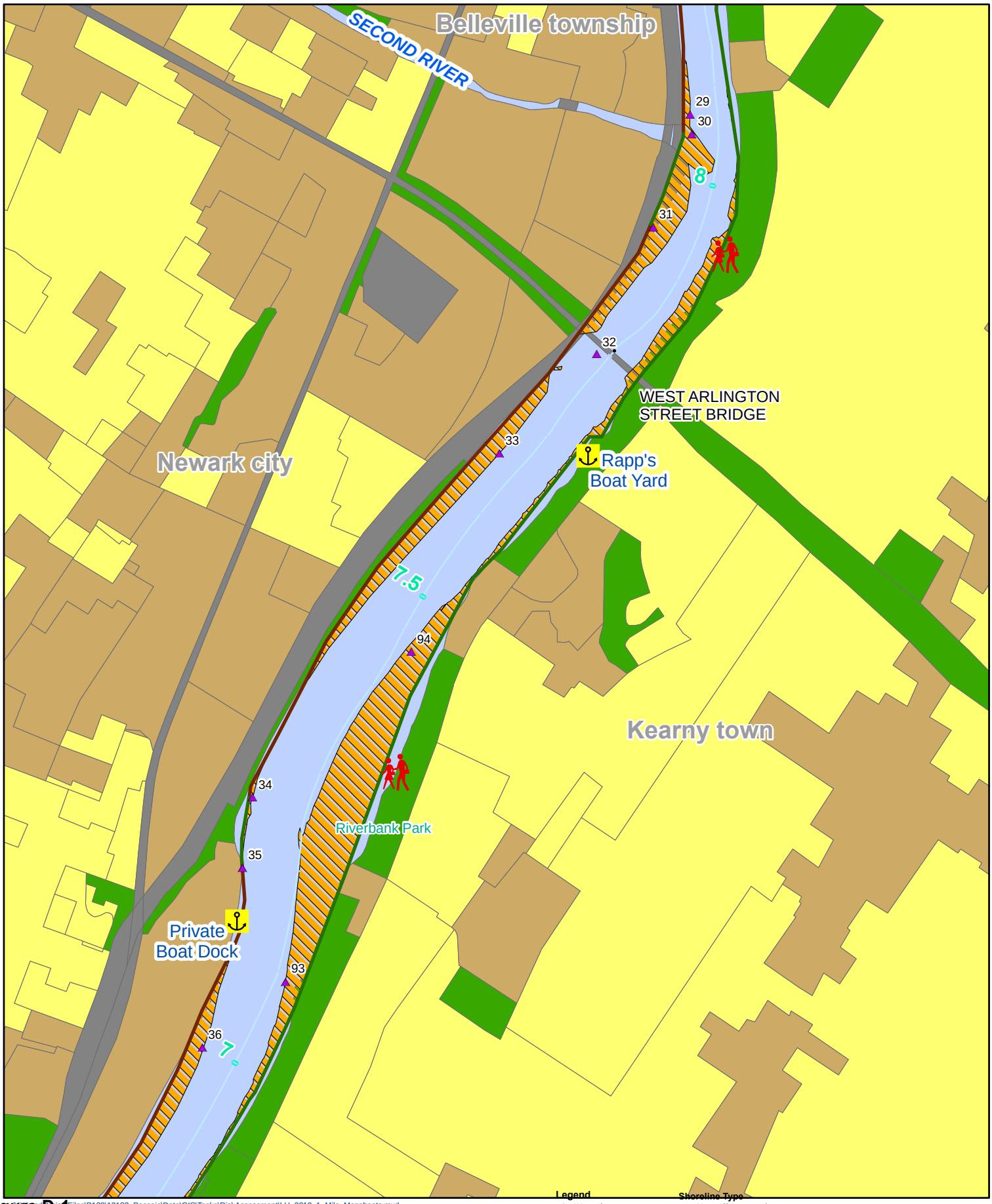


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 8 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

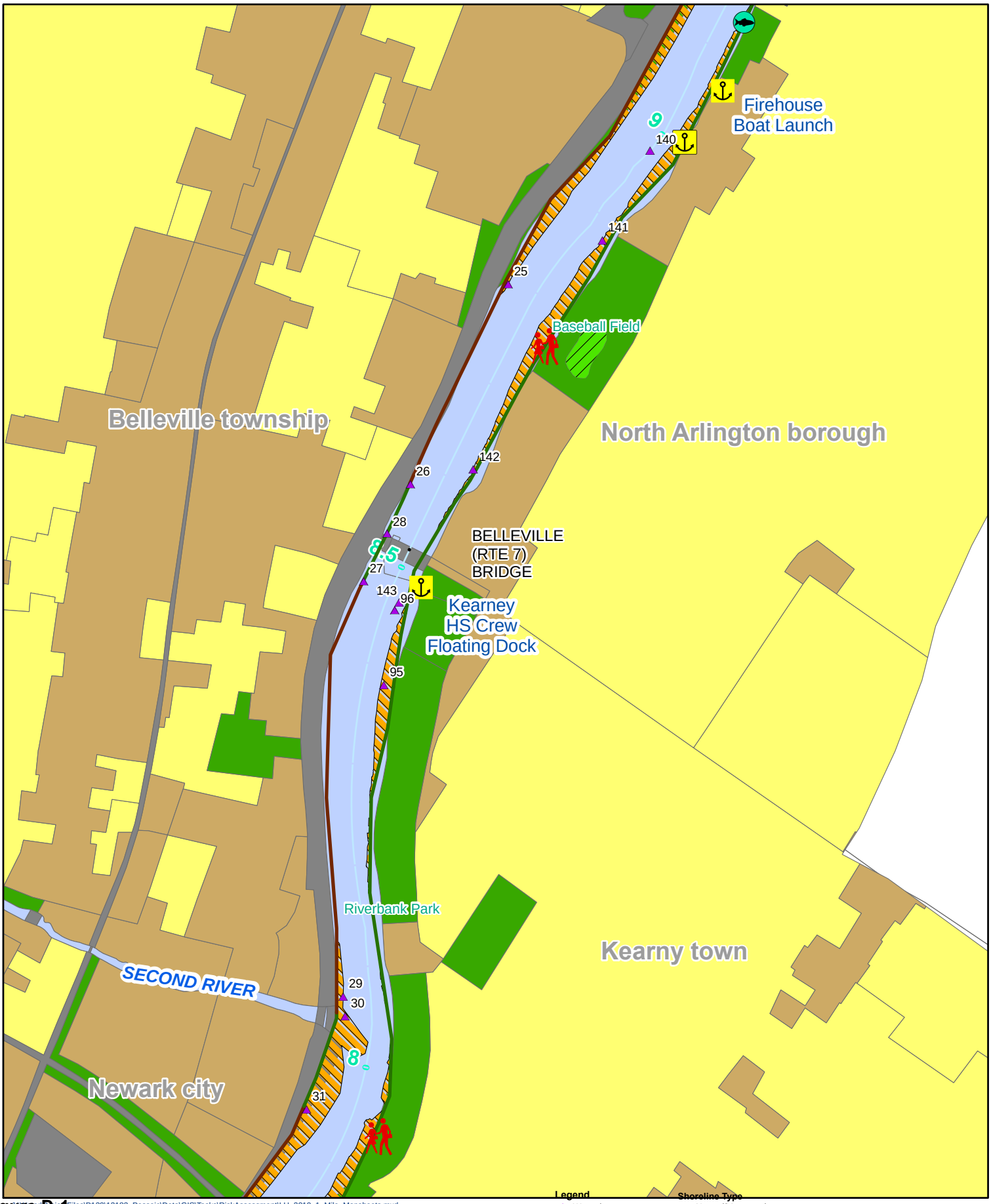
Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NAD 1983 StatePlane, New Jersey FIPS 2900 US Survey Feet



Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

0 0.05 0.1 0.2
Miles

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 9 of 17

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

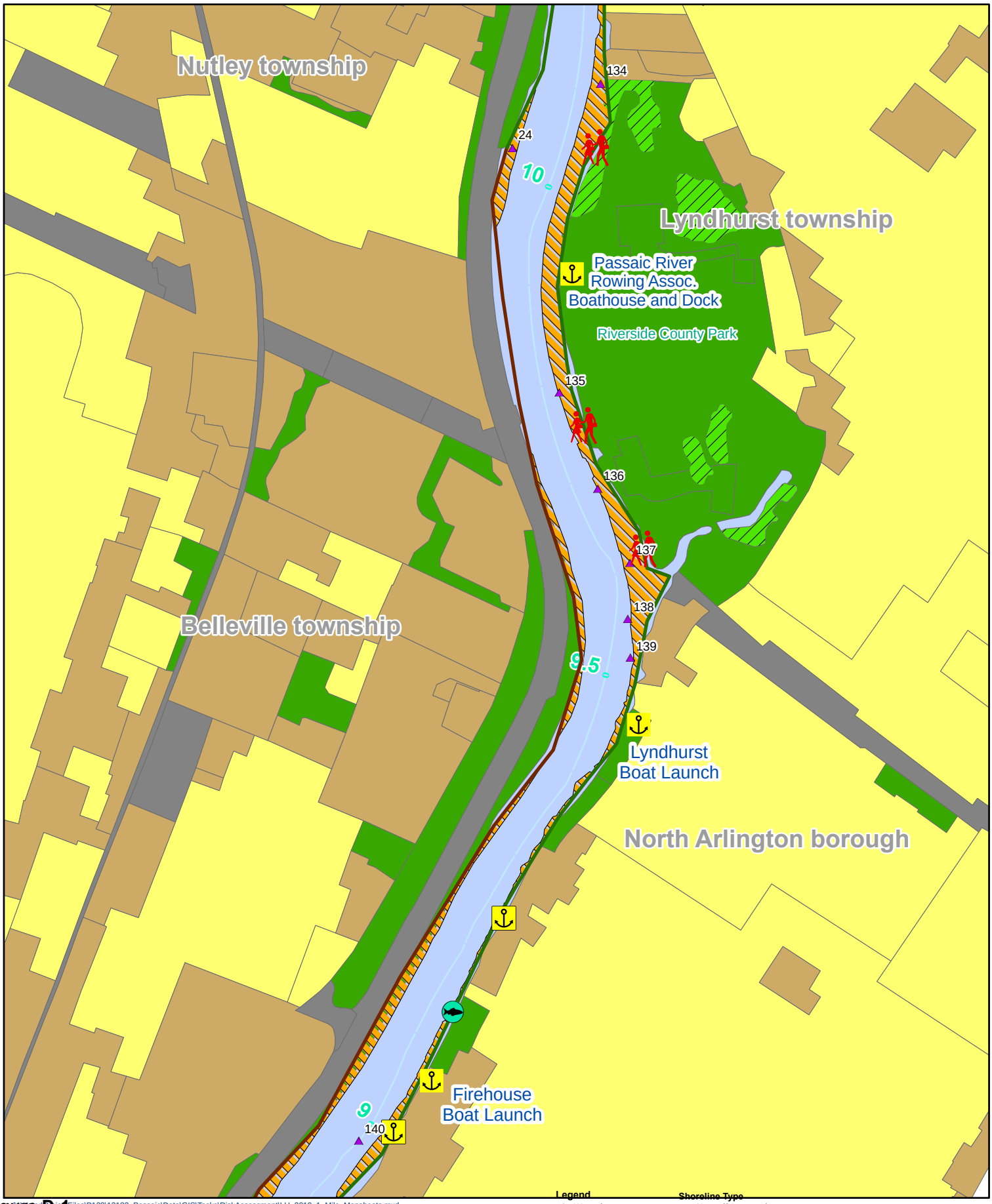


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 10 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 11 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

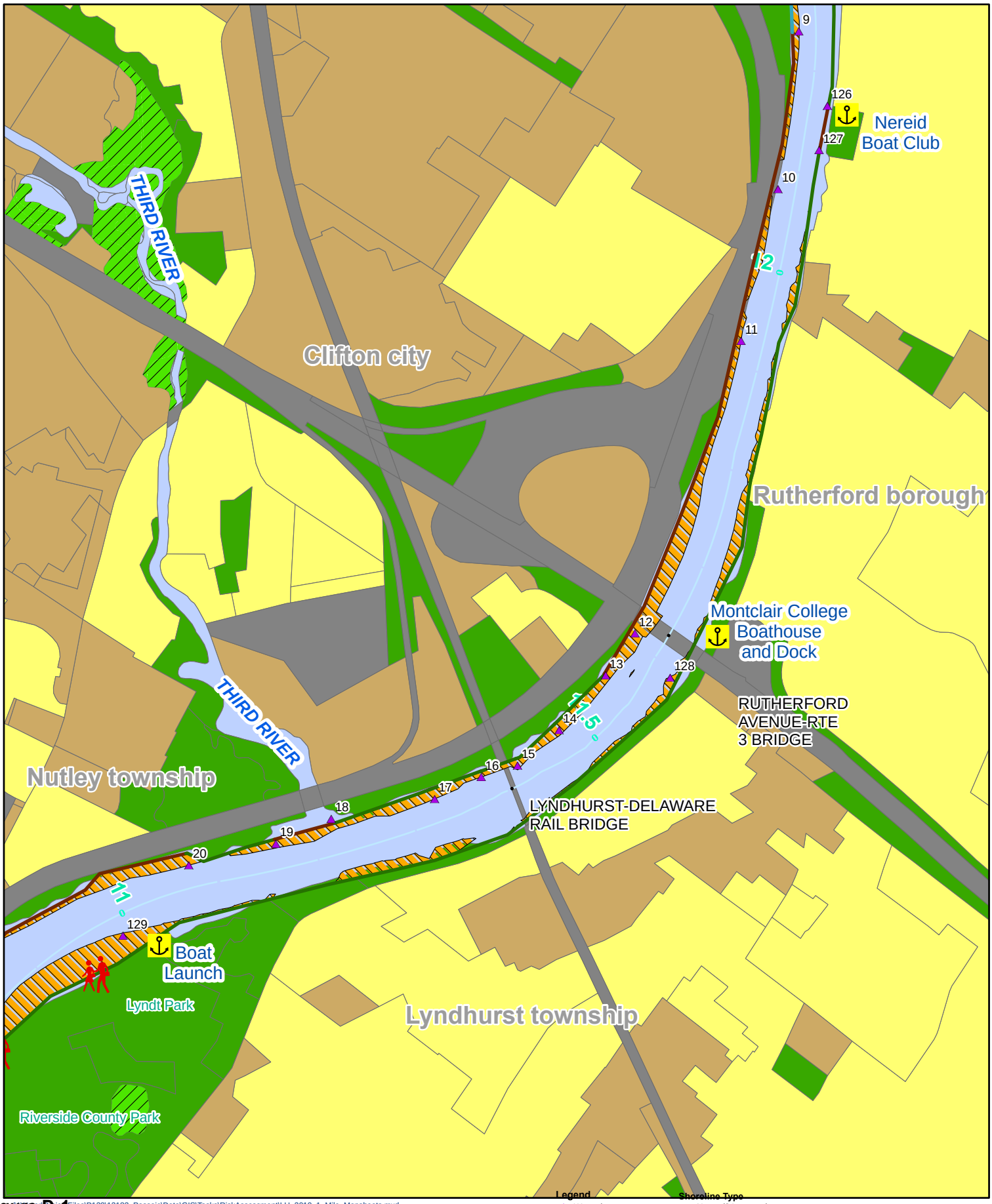


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 12 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

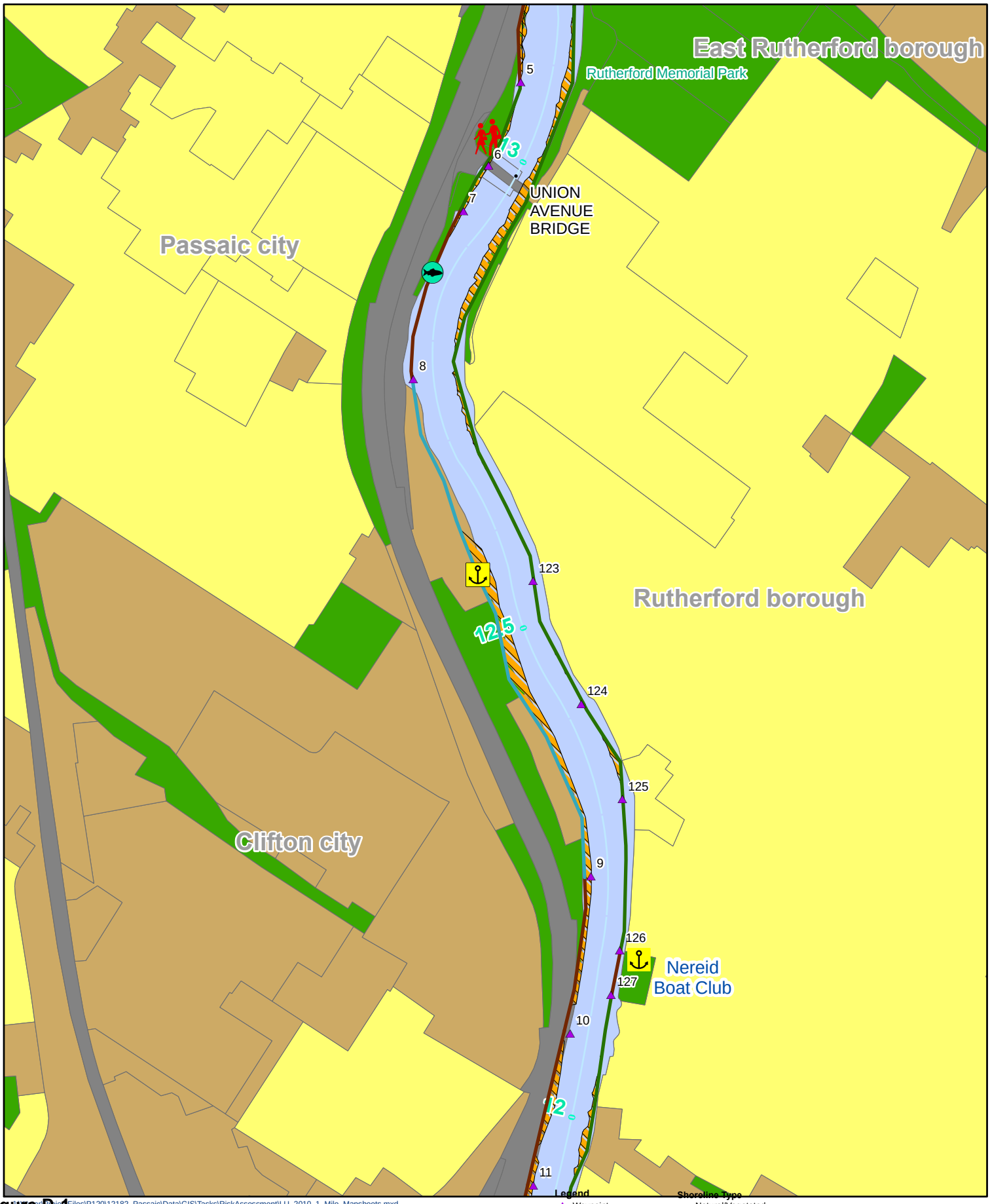


Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 13 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NAD 1983 StatePlane, New Jersey FIPS 2900 US Survey Feet

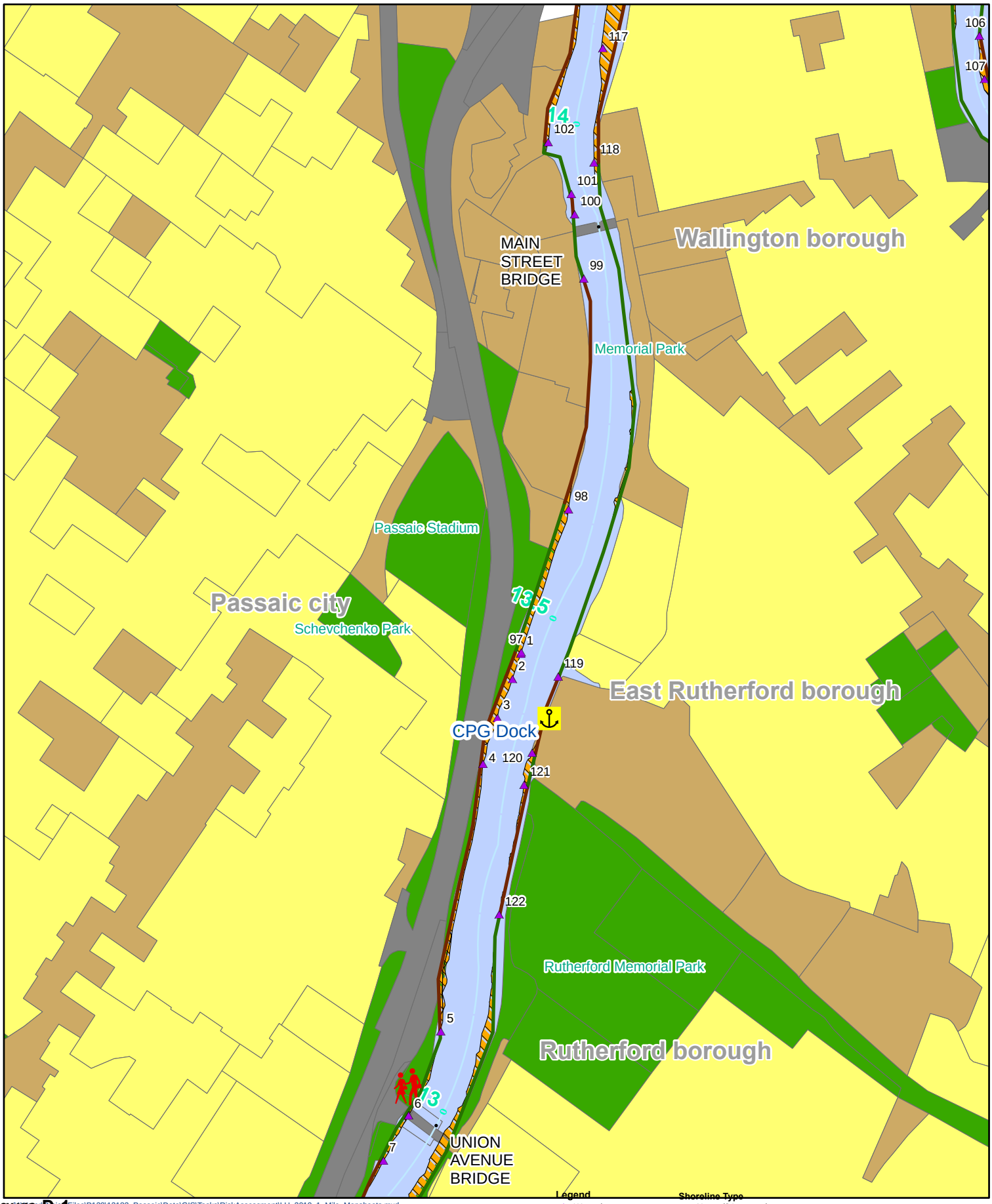


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Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 14 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet
Land Use: NJDEP, 2007

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 15 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007

- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
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- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

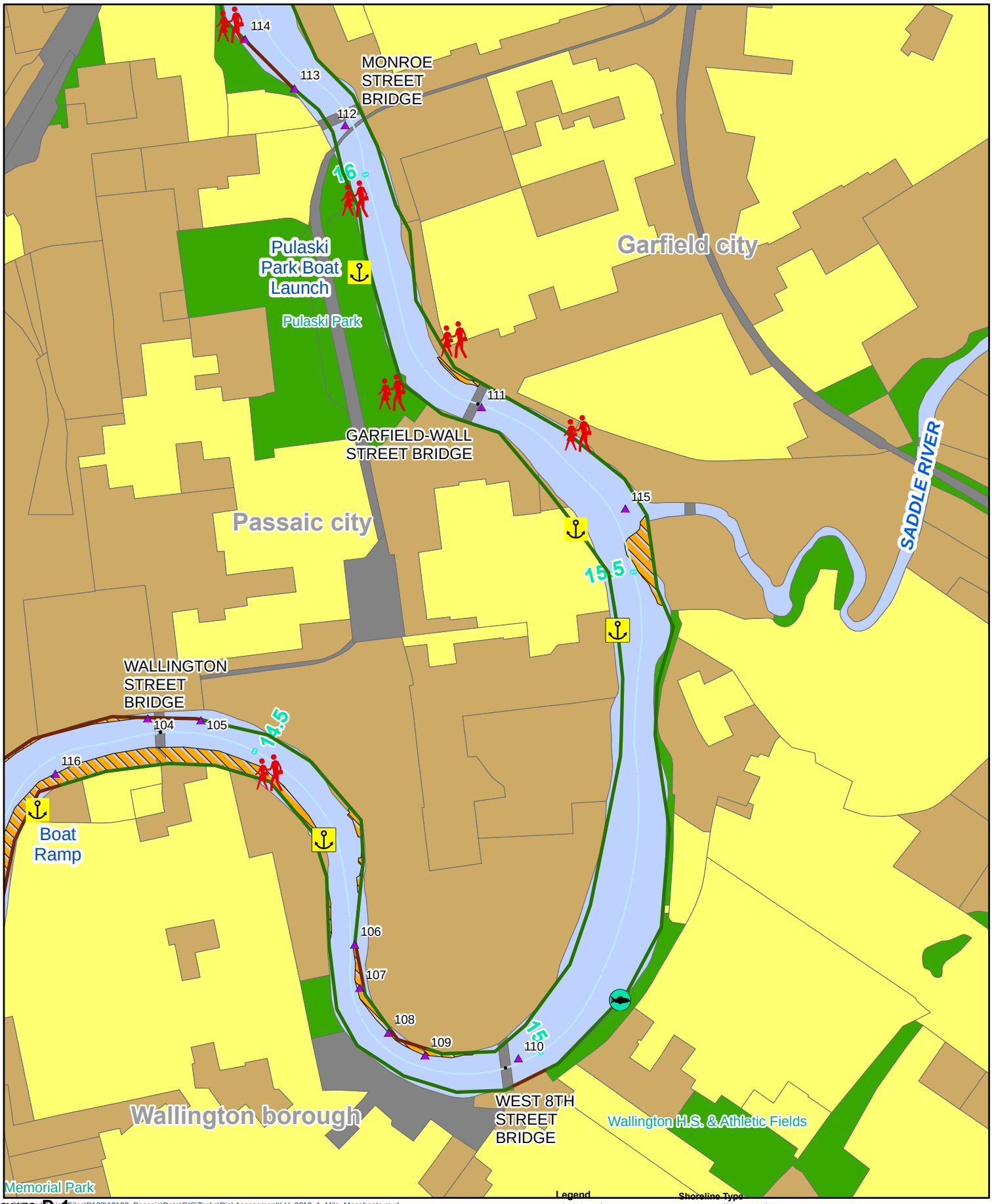

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 16 of 17

0 0.05 0.1 0.2
Miles

Legend
- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type
- Natural/Vegetated
- RipRap/Stone
- Sheet Pile/Bulkhead
- Potentially Accessible Sediment (> -2 MLW below RM 15)

Land Use 2007
- INDUSTRIAL/COMMERCIAL/URBAN
- RESIDENTIAL
- RECREATIONAL/OPEN SPACE
- INFRASTRUCTURE
- WETLANDS
- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet

Figure D-1

LPRSA Land Use and Shoreline Features for Human Access and Exposure

NOTES: Shoreline type was estimated based on 2010 habitat survey field observations and photo documentation.

Potentially accessible sediment between RM 15 and Dundee Dam estimated from CPG aerial photography (2007) and groundtruthed during 2010 habitat survey.

Sheet 17 of 17

0 0.05 0.1 0.2
Miles

Legend

- Waypoint
- Passaic River Centerline (miles)
- Access to Shore
- Boat Dock/Launch
- Fishing Observed

Shoreline Type

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- Sheet Pile/Bulkhead
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Land Use 2007

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- WATER

AECOM

February 2011

Coordinate System: NJ State Plane, Feet