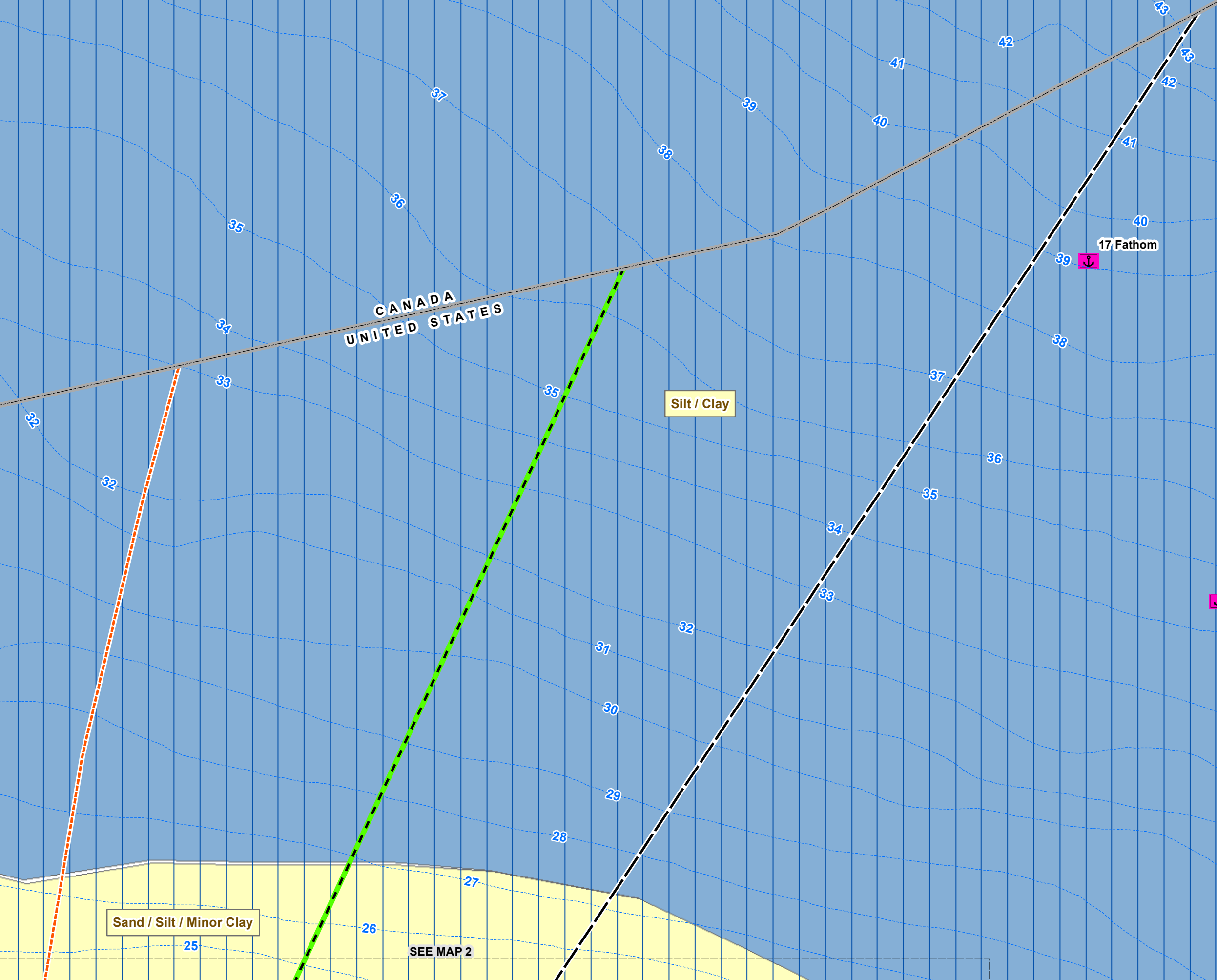


APPENDIX B

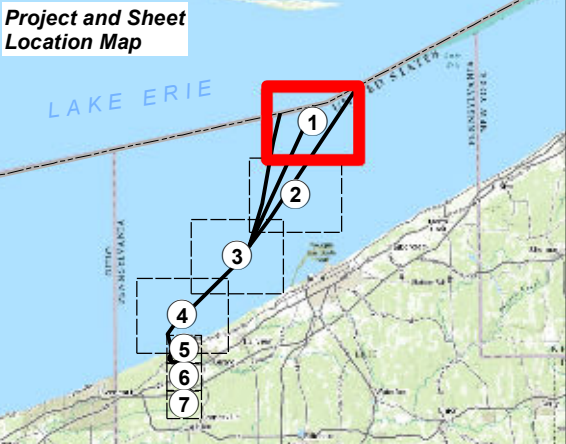
U.S. UNDERWATER ALTERNATIVES AND UNDERGROUND ALTERNATIVE 1

LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES



- International Boundary (NOAA)
- Underwater Cable Route**
 - Alternative 1 Route
 - Alternative 2 Route
 - Alternative 3 Route
- 1 Meter Isobath Contour (NOAA)
- Shipwreck (Location May Be Uncertain)
- Offshore Habitat Zone (GLIN)
- Surficial Unit (CSR)**
 - Silt / Clay
 - Sand / Silt / Minor Clay

0 2,000 4,000
Feet



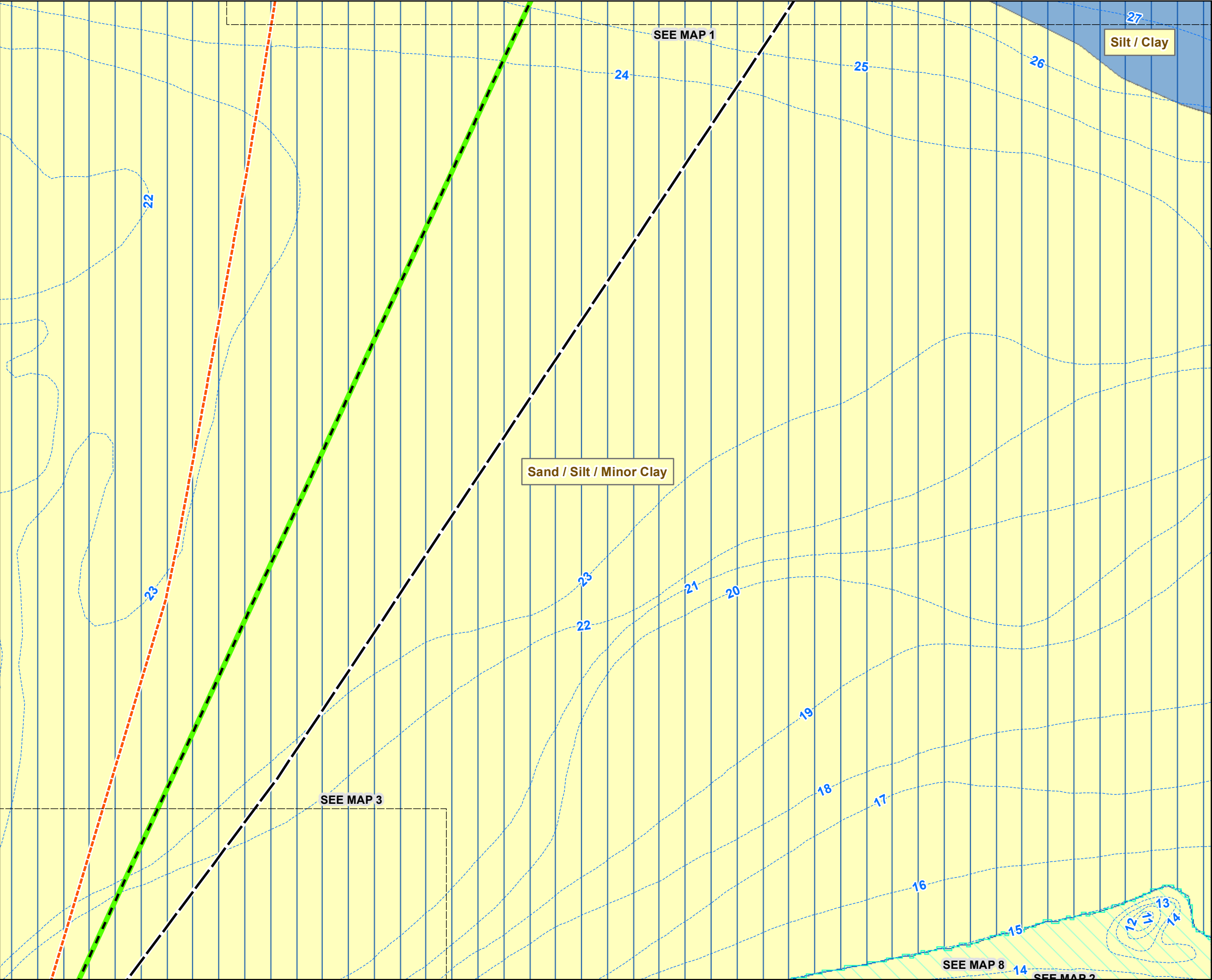
Appendix B: Map 1 of 7

Prepared for: ITC Lake Erie Connector LLC

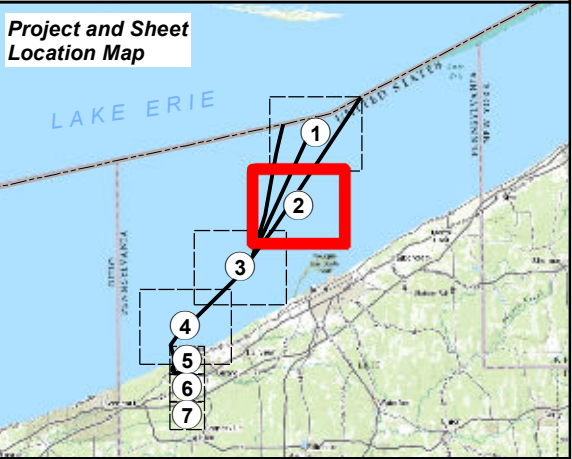
Prepared by: HDR Engineering, Inc. | January 2016

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LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES



- Underwater Cable Route**
- Alternative 1 Route
 - Alternative 2 Route
 - Alternative 3 Route
- 1 Meter Isobath Contour (NOAA)**
- Nearshore Habitat Zone 3 - 5 m (GLIN)**
- Offshore Habitat Zone (GLIN)**
- Surficial Unit (CSR)**
- Silt / Clay
 - Sand / Silt / Minor Clay



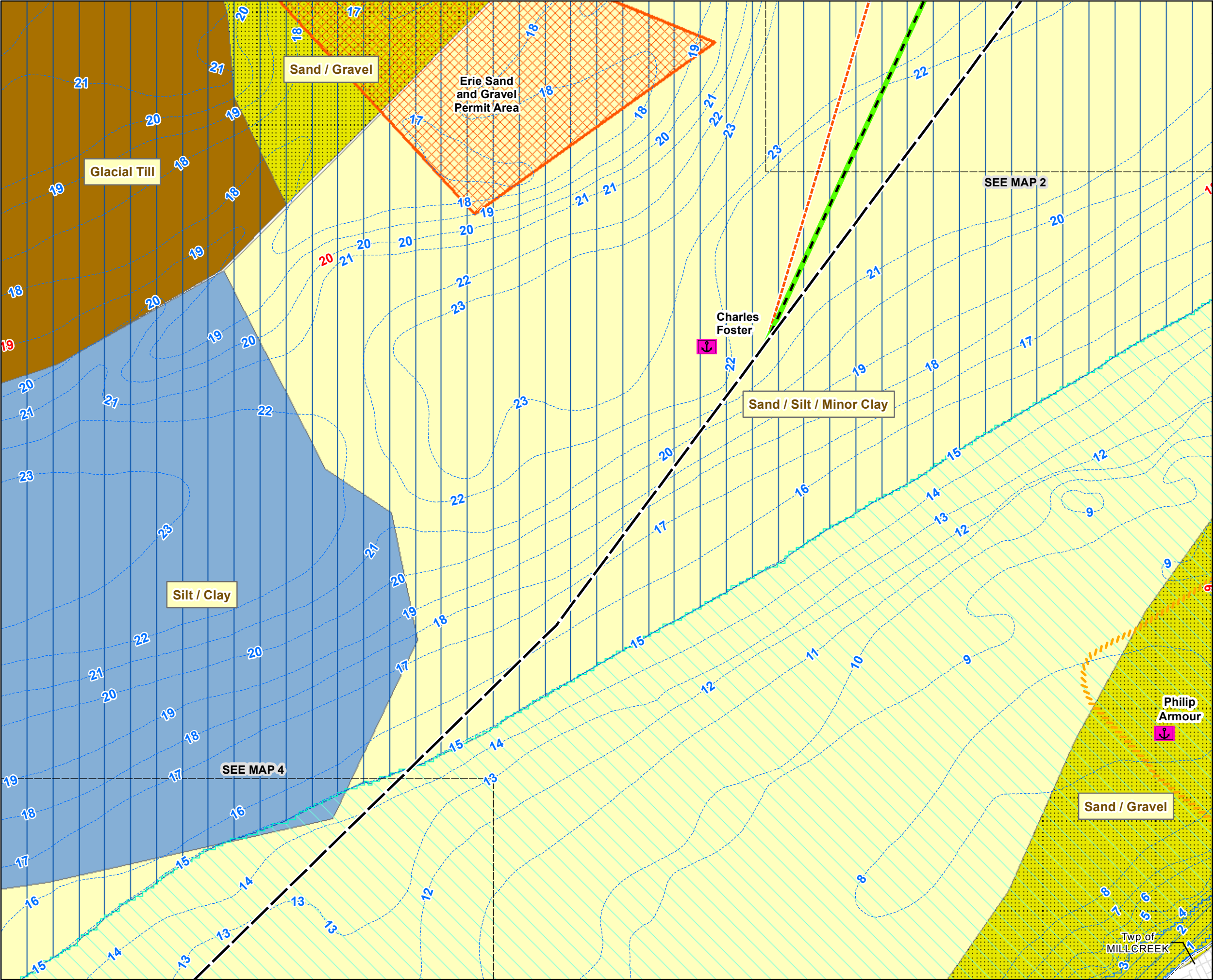
Appendix B: Map 2 of 7

Prepared for: ITC Lake Erie Connector LLC

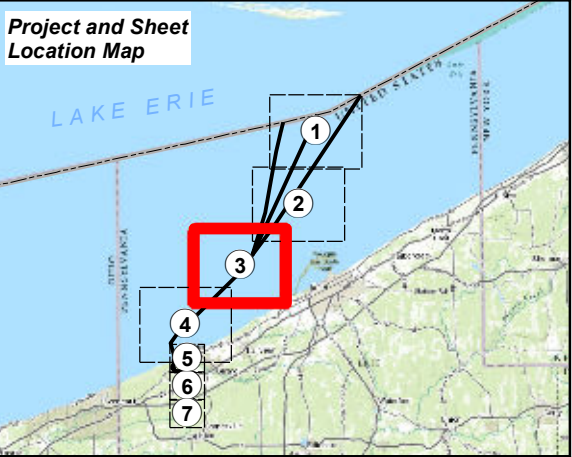
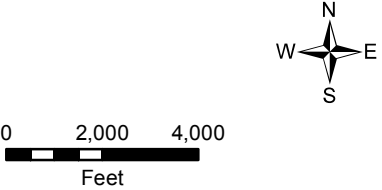
Prepared by: HDR Engineering, Inc. | January 2016

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LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES



- Underwater Cable Route**
- Alternative 1 Route
 - Alternative 2 Route
 - Alternative 3 Route
 - 1 Meter Isobath Contour (NOAA)
- Other Features**
- Shipwreck (Location May Be Uncertain)
 - Roads (PAMAP)
 - Watercourse (PAMAP)
 - Exceptional, High, or Notable
 - Erie Sand and Gravel Permit
 - Coastal Margin < 3m (GLIN)
 - Nearshore Habitat Zone 3 - 5 m (GLIN)
 - Offshore Habitat Zone (GLIN)
- Surficial Unit (CSR)**
- Silt / Clay
 - Sand / Silt / Minor Clay
 - Sand / Gravel
 - Glacial Till

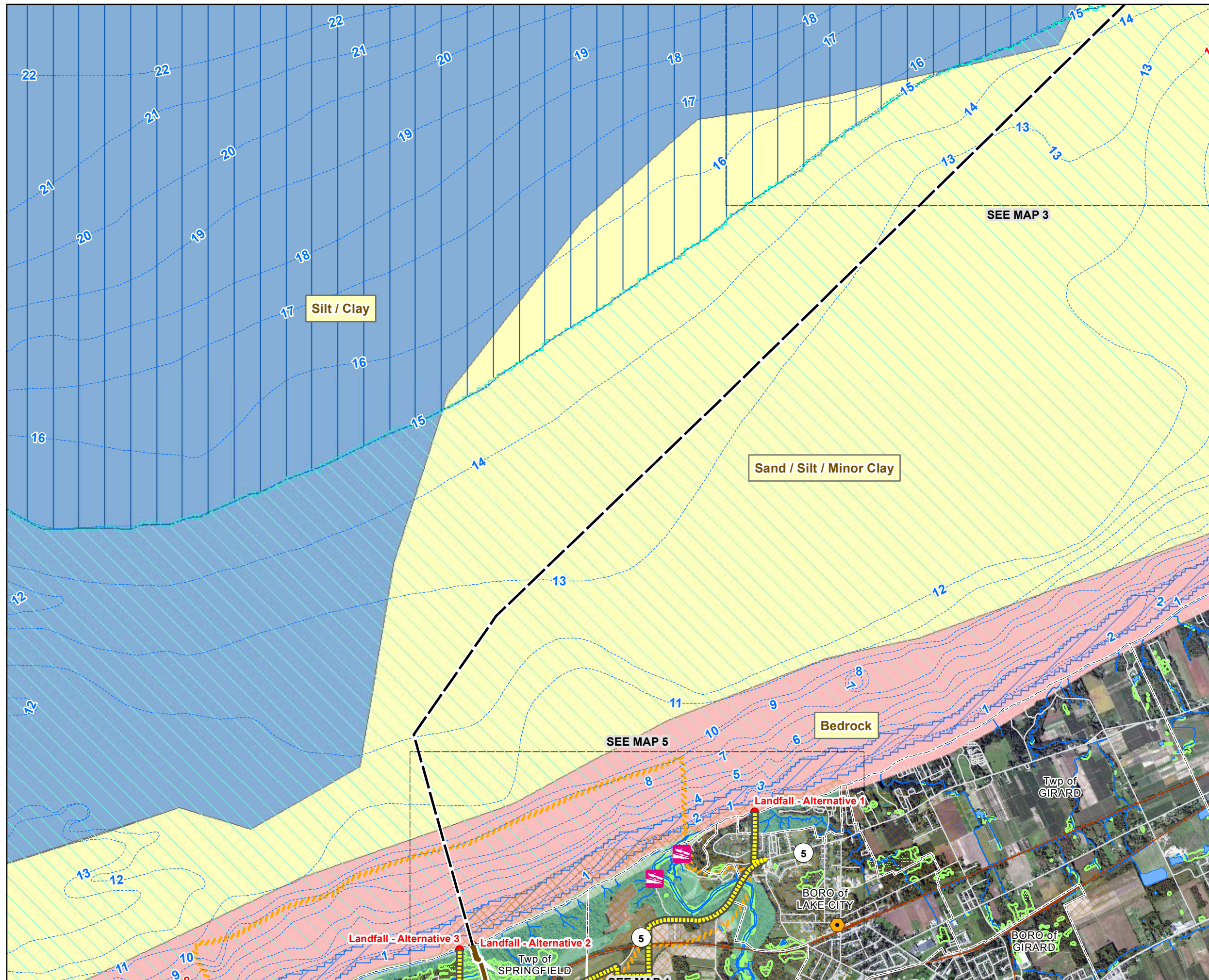


Appendix B: Map 3 of 7

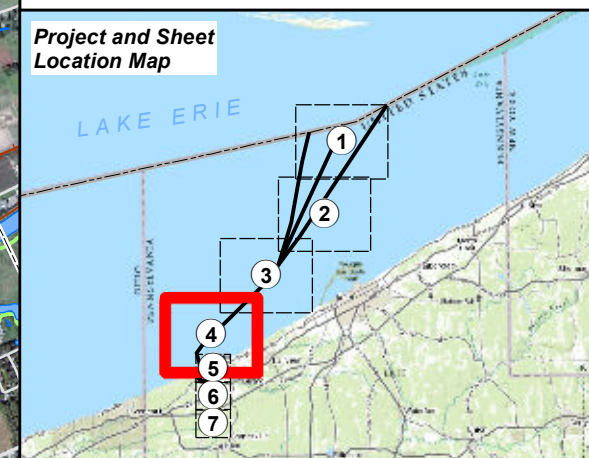
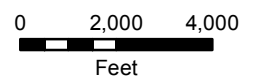
Prepared for: ITC Lake Erie Connector LLC
Prepared by: HDR Engineering, Inc. | January 2016

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**LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES**



- Underwater Cable Route**
- Alternative 1 Route
- Underground Cable Route**
- Alternative 1 Route
- Previously Considered Route
- 1 Meter Isobath Contour (NOAA)
- Potential Landfall
- 🚤 Fishing Boat Ramp
- 🏛️ Historic or Archaeologic Site (Pa Historic Museum Commn)
- +—+—+ Railroad (PAMAP)
- Roads (PAMAP)
- Watercourse (PAMAP)
- Watercourse (PAMAP)
- 🌿 NWI Wetland
- 🔶 Exceptional, High, or Notable
- 🟢 Core Habitat (PNHP)
- 🟡 Supporting Habitat (PNHP)
- 🟦 Coastal Margin < 3m (GLIN)
- 🟦 Nearshore Habitat Zone 3 - 5 m (GLIN)
- 🟦 Offshore Habitat Zone (GLIN)
- 🟦 Project Delineated Wetland
- 🟦 Project Delineated Stream
- Surficial Unit (CSR)**
- 🟦 Silt / Clay
- 🟡 Sand / Silt / Minor Clay
- 🟡 Bedrock



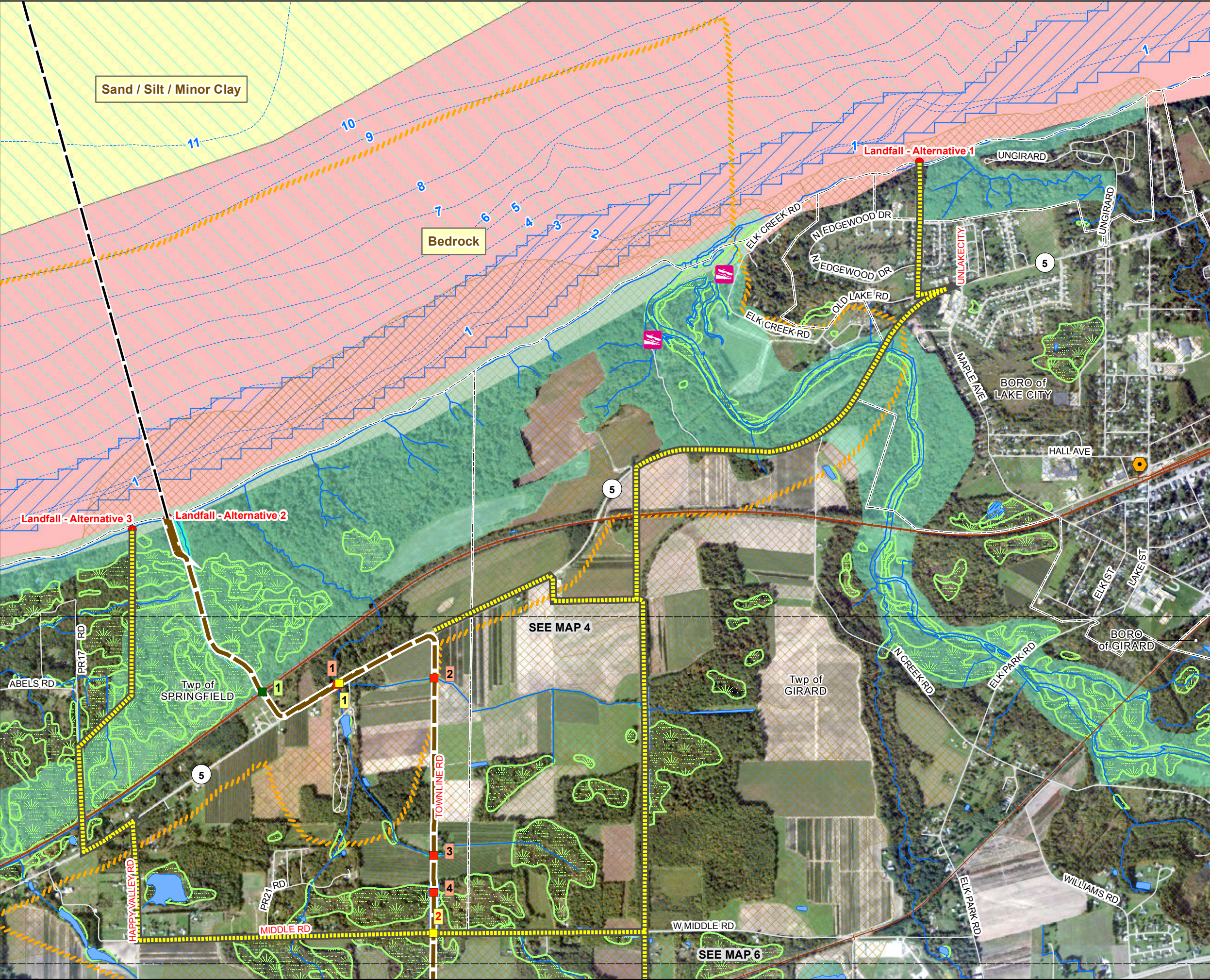
Appendix B: Map 4 of 7

Prepared for: ITC Lake Erie Connector LLC

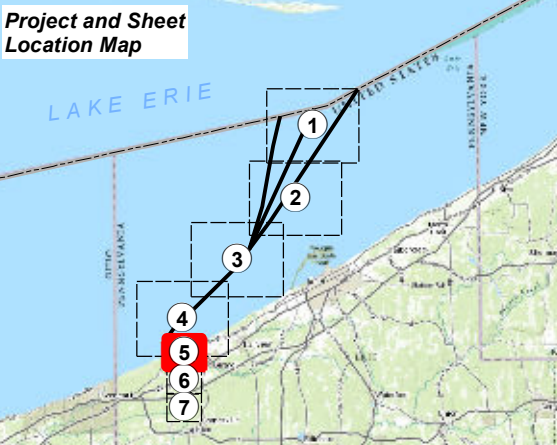
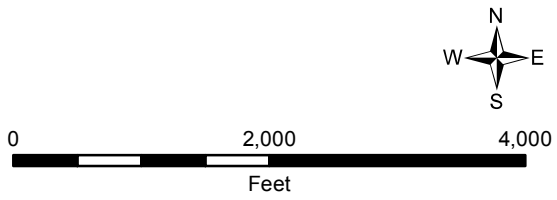
Prepared by: HDR Engineering, Inc. | January 2016

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LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES



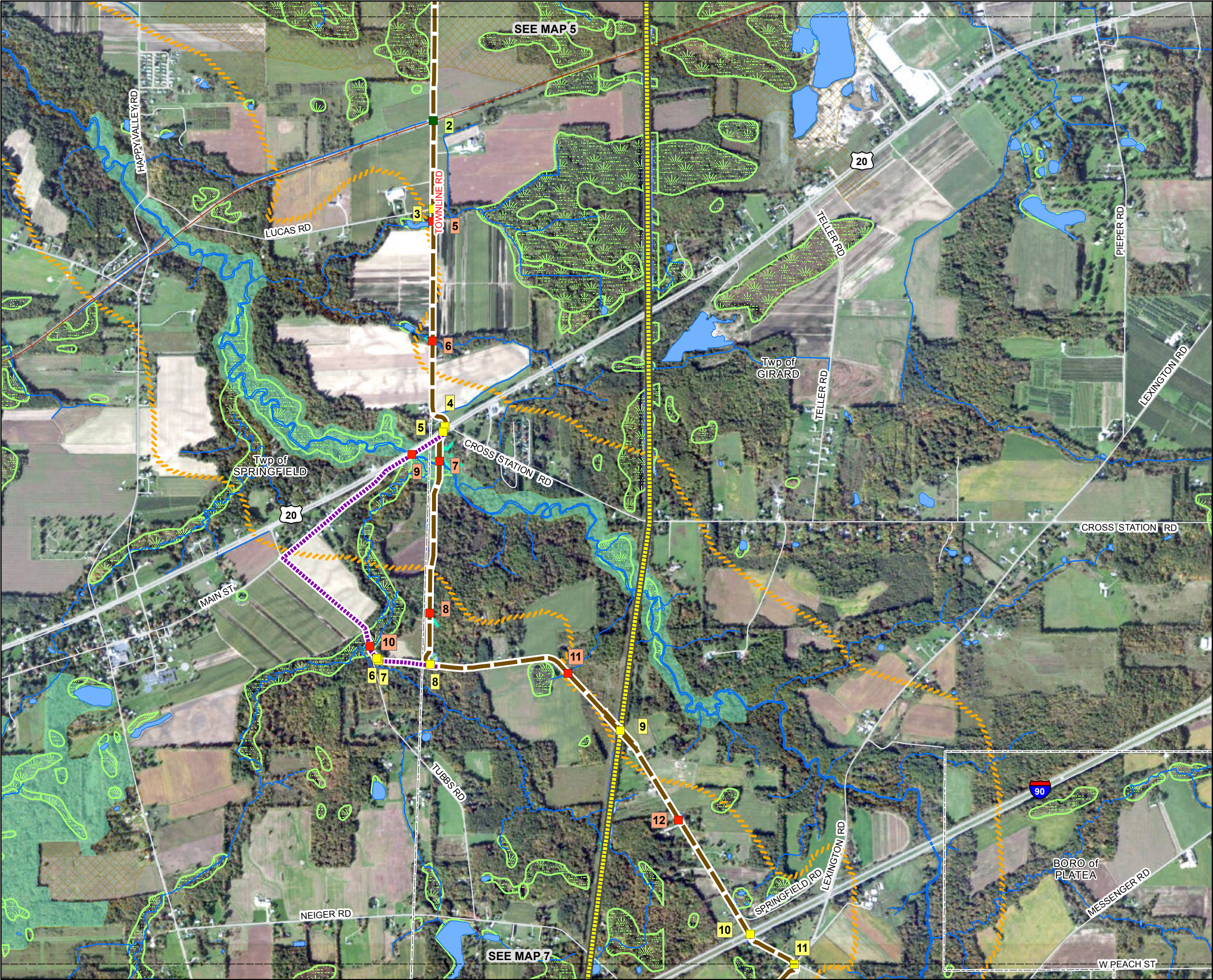
- Underwater Cable Route**
- Alternative 1 Route
- Underground Cable Route**
- Alternative 1 Route
 - Previously Considered Route
- 1 Meter Isobath Contour (NOAA)**
- Potential Landfall
 - Fishing Boat Ramp
 - Historic or Archaeologic Site (Pa Historic Museum Commn)
- Route Crossing (With Sequential Number)**
- Railroad
 - Road
 - Stream
 - Railroad (PAMAP)
 - Roads (PAMAP)
 - Watercourse (PAMAP)
 - Watercourse (PAMAP)
 - NWI Wetland
 - Exceptional, High, or Notable
 - Core Habitat (PNHP)
 - Supporting Habitat (PNHP)
 - Coastal Margin < 3m (GLIN)
 - Nearshore Habitat Zone 3 - 5 m (GLIN)
 - Project Delineated Wetland
 - Project Delineated Stream
- Surficial Unit (CSR)**
- Sand / Silt / Minor Clay
 - Bedrock



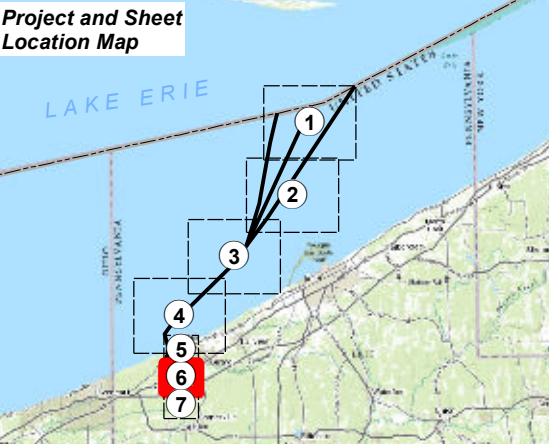
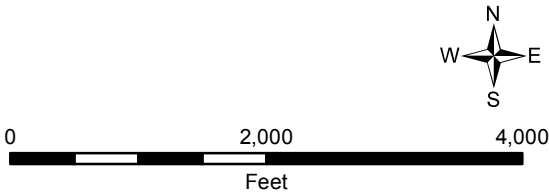
Appendix B: Map 5 of 7

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LAKE ERIE CONNECTOR PROJECT
U.S. UNDERWATER AND
UNDERGROUND ALTERNATIVES



- Underground Cable Route**
- Alternative 1 Route
 - Alternative 1A Route
 - Previously Considered Route
- Route Crossing (With Sequential Number)**
- Railroad
 - Road
 - Stream
 - Railroad (PAMAP)
 - Roads (PAMAP)
 - Watercourse (PAMAP)
 - Watercourse (PAMAP)
 - NWI Wetland
 - Exceptional, High, or Notable
 - Core Habitat (PNHP)
 - Supporting Habitat (PNHP)
 - Project Delineated Pond
 - Project Delineated Wetland
 - Project Delineated Stream



Appendix B: Map 6 of 7

Prepared for: ITC Lake Erie Connector LLC

Prepared by: HDR Engineering, Inc. | January 2016

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