Indiana Toll Road Mitigation

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The Players

- ITRCC – Indiana Toll Road Concessionaire Company
- ITRC – Indiana Toll Road Construction Company
- Regulatory agencies
- Local conservancy groups
- Consultants
The Project

- Leased portion of Indiana Toll Road
- Add lanes project – required by contract
- Wetland impact – 1.0 acre
- Mitigation required
SITE CHARACTERISTICS

- Southern tip of Lake Michigan
- Fire dependant community
- Sandy substrate
- Water table fluctuation
- 130 endangered species in Lake Michigan watershed
Project Area
Gary Natural Areas

Protected Areas
Unprotected Areas
Core Natural Areas
Corridor
City of Gary Boundary
The Setting

> 27,000 Acres of dune and swale – Now 2000
> Low linear beach dunes and intervening swales
> Wetlands and black oak savanna
> Mixing of ecotones – high biodiversity
Identification of Mitigation Alternatives

- Wetland bank
- Oak savanna restoration
- Grand calumet river
- Dune and swale
- Prairie
- Habitat restoration
Process

- Meetings with regulators
- Meeting with conservancy groups
- Meeting with client
- Consensus
Dune & Swale Topography
Mitigation Proposed and Accepted

- 1.0 Acre of prairie restoration
- 1.0 Acre of dune and swale restoration
- 1.5 Acres of wetland bank credit
Prairie near cline avenue
> Restore 1.0 acre instead of swale
> Sand prairie
Prairie Restoration
Lake Station Wetland Bank

> 200 plus acres
> Farm field conversion
> First Indiana bank
Lake Station Wetland Bank
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Lake Station Wetland Bank
Ivanhoe Dune & Swale Restoration

- Restoration of residential lots
- 297 species with a 90 native FQI
- C Value high
- Karner Blue Butterfly
Ivanhoe Dune & Swale Restoration

22/06/2012
Prairie mitigation – US EPA
Dune and swale completed in Spring 2011
Dune and swale monitoring
2012 Plans
Dune and Swale Restoration
Dune and Swale Restoration
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Dune and Swale Restoration
Keys to Success

- Early Coordination
- Cooperation with Local Entities
- Locally Focused Mitigation
- Questions?
Direct Additional Questions to:

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