Overview

- Project Background
- Poll + Scavenger Hunt
- Data Collection Needs and Approach
- Process and Results
- Scavenger Hunt Check-In
The Great River Road

A network of 2,069 miles of roads along the Mississippi River from Minnesota to Louisiana, designated in 1938. Managed by the Mississippi River Parkway Commission.
Project Background – Scope

- The CMP will guide the work of the Mississippi River Parkway Commission of Minnesota for the next 15 years
  - Short, mid and long range goals
  - Promote, preserve and enhance the resources of the Mississippi River Valley
  - Develop the highways and amenities of the GRR
  - Identify and recommend byway-wide initiatives to improve the travelers’ experience
  - Promote, protect and enhance its intrinsic qualities
Poll + Scavenger Hunt

govote.at

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(Answer Question 1 and pause)
Project Background – Inventory and Map the Byway

- Visitor Centers
- Parks
- Scenic Overlooks
- Rest Areas
- Boat Access
- Bridges

(and many more...)
Defining the Process – Key Needs

- Edit an existing database
  - Previous database included 3,000+ entries
Defining the Process – Key Needs

- Amenity and Theme Checklists
  - Yes/No Questions
  - Default to “No”

Amenities
- Restrooms
- Picnic Tables
- Scenic Views
- Parking
- Activities
  - Fishing
  - Boating
  - Swimming
- (many more)
Defining the Process – Key Needs

- Amenity and Theme Checklists
  - Yes/No Questions
  - Default to “No”

Themes
- River Recreation
- Winter Recreation
- Arts and Crafts
- Agritourism
- Native American
- Architecture
- Folklore
- (many more)
Defining the Process – Key Needs

- Drop-down menus ("Domains")
  - Resource Type
  - Yes/No
  - County, City, Destination Area
  - Level of Significance (Local, National, etc.)
Defining the Process – Key Needs

- Text fields with unlimited characters
  - Significance of the resource
  - Description of the context
Defining the Process – Key Needs

- Photo attachments
  - One or more image attachments stored within the database
Defining the Process – Key Needs

- Robust Mapping Functionality
  - Icons by resource type
  - Multiple layers
Defining the Process – Key Needs

- Accessible from Various Devices
  - Laptop, tablet, smartphone
Defining the Process – Key Needs

- Functional Online and Offline
  - Cloud-based with live updating and syncing abilities
  - Flexibility to pull spatial information from GPS receiver, or place manually
Defining the Process – What Was Not Needed

- Locational Precision
- Line Features
- Crowdsourcing
Resource Inventory Process

- Equipment: 3G iPads with external GPS receivers
- Software: ArcGIS Online/Collector
- Attributes: Site descriptors, amenity and theme checklists, descriptive text, photos
Resource Inventory Process

- Field team traveled the corridor for 3+ months
- Visited 900+ sites
- Refined database after returning home
Resource Inventory
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Great River Road Minnesota — Corridor Management Plan
### Resource Inventory

<table>
<thead>
<tr>
<th>Type</th>
<th>Name</th>
<th>Maintaining Authority</th>
<th>Construction Date</th>
<th>Erecting Authority</th>
<th>Add</th>
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<tbody>
<tr>
<td>AgriTourism</td>
<td>Pickwick Mill</td>
<td>PRIV</td>
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<td>PRIV</td>
<td>26421 County Road 7</td>
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<td>Beach</td>
<td>Lake Bemidji State Park Beach</td>
<td>DNR</td>
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<td>Lake Bemidji State Park</td>
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<tr>
<td>Beach</td>
<td>Cameron Park Beach</td>
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<td>0</td>
<td>CITY</td>
<td>Bemidji Parks and Recreation</td>
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<td>Beach</td>
<td>Diamond Point Park</td>
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<td>0</td>
<td>CITY</td>
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<tr>
<td>Beach</td>
<td>Nymore Beach</td>
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<td>200-298 Nymore Beach Road</td>
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<td>Eagles Nest Road</td>
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<td>Beach</td>
<td>Norway Beach Rec. Area Beach</td>
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<td>0</td>
<td>-</td>
<td>Chippewa National Forest</td>
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<tr>
<td>Beach</td>
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<td>15871 Main Park Drive</td>
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<td>Boat Access</td>
<td>Wold's Ferry Mississippi River Public Water Access</td>
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<td>DNR</td>
<td>Public Water Access Road off County Road 10, Miss</td>
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<td>Boat Access</td>
<td>Berglund Park Mississippi River Public Water Access</td>
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<td>DNR</td>
<td>510 Marconi Street, Mississippi River Mile 1083.0 (R)</td>
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<td>Boat Access</td>
<td>U.S. 169 Mississippi River Public Water Access (Waldeck PWA)</td>
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<td>DNR</td>
<td>Mississippi River at U.S. 169, Mississippi River Mile 1</td>
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<td>Boat Access</td>
<td>Aitkin Park Mississippi River Public Water Access</td>
<td>COUNTY</td>
<td>0</td>
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<td>814 4th Ave NW, Mississippi River Mile 1052.3 (L)</td>
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<td>U.S. Hwy 10 Milepost 218, Mississippi River Mile 875</td>
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<tr>
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<td>Mississippi River/Rum River Confluence Public Water Access</td>
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<td>5100 East River Rd, Mississippi River Mile 860.4 (R)</td>
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<td>Boat Access</td>
<td>Lake Irving/Minnesota River Public Water Access</td>
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<td>CITY</td>
<td>Midway Drive 5, Mississippi River 1264.7 (R)</td>
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<td>Boat Access</td>
<td>Hymore Beach Public Water Access</td>
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<td>CITY</td>
<td>Lakeshore Drive NE</td>
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<td>Boat Access</td>
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<td>COUNTY</td>
<td>In Mississippi River County Park, River Mile 935.8 (L)</td>
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<tr>
<td>Boat Access</td>
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<td>DNR</td>
<td>Minnesota Highway 6 at Heart Lake Road, Mississippi River Mile 1014.9 (L)</td>
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<td>Oakes Landing Pine River Public Water Access</td>
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<td>DNR</td>
<td>17990 Crow Wing 11, Pine River Mile 1, one mile above Crow Wing 11 Bridge</td>
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<td>Boat Access</td>
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<td>Clinker Lake Public Water Access</td>
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<td>Miller Lake Road, Mississippi River Mile 1015.3 (L)</td>
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<td>Trommaid Landing Mississippi River Public Water Access</td>
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<td>County Road 142, Mississippi River Mile 1013 (L)</td>
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</table>
Resource Inventory
Applications

- Corridor Management
  - Comprehensive database of relevant information
  - Ability to summarize information quickly

<table>
<thead>
<tr>
<th>MnDOT District</th>
<th>Signs Total</th>
<th>Missing Signs</th>
<th>Signs Needing Review</th>
<th>Great River Road Signs</th>
<th>Great River Road Signs (Not MUTCD Compliant)</th>
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<td>District 1</td>
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<td>1</td>
<td>51</td>
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Applications

- Printable Map Packages
Applications

- Online Mapping

INTERACTIVE MAP

POINTS OF INTEREST
The points you suggested have been added to the full resource inventory created by the Great River Road field team this summer. Now you can sort by type and select a point for additional information and driving directions.

- Show All (reset map)
- Scenic Overlook

- Recreation
- Traveler Amenities
- Other Points of Interest
Scavenger Hunt Results
Scavenger Hunt – Stone Arch Bridge
Scavenger Hunt – Paul and Babe
THANK YOU!

www.mnmississippiriver.com

William.Reynolds@Kimley-Horn.com