NDDOT LG
Nuts & Bolts
Bryon Fuchs, PE
NDDOT, Local Government
Nuts & Bolts

- Request For Proposals (RFP’s)
- Discretionary Grants
- SHSP Vision Zero (LRSP’s)
- Long Eared Bats
- Gravel Surfacing
- SHPO/Bridges
- Bridges
RFP Process & Documentation

- Process is outlined in the NDDOT CAS Manual (pg. 27-28)
  - https://www.dot.nd.gov/manuals/environmental/Proceduremanual.pdf

- Preliminary Engineering (PE)
  - Prior authorization from FHWA is required before advertising

- Construction Engineering (CE)
  - Authorization is requested from FHWA at the time we request construction authorization
  - RFP can be published when the plans are advertised on NDDOT’s website

- Request for Proposals (RFP)
  - Needs to be advertised on NDDOT’s website for 21-days from the date it is posted
  - We need a few days to review and approve it prior to posting it
  - RFP also needs to be advertised in your local paper still according to State law
RFP Process & Documentation, cont

- Selection Committee
  - 3-5 people
  - Do not recommend a quorum of commissioners, open meeting laws apply

- Shortlist evaluation and rankings of firms to be interviewed
  - This is needed only if you receive more proposals than the firms you decide to interview

- Interview date, times, and questions asked
  - Information is needed

- Selection Committee interview answers and Notes
  - Each member needs to take their own notes!!

- Ballots and ranking selection
  - This is where you score each question/consultant and rank them to decide who you recommend to hire (i.e. – 1st, 2nd, etc.). Use the scores to rank them.
RFP Process & Documentation, con't

- Selection and Ranking Memorandum
  - Memo is from the Committee chair to the Chairperson of the Commission
  - Identifies the firms interviewed, ranking of the firms, and who the committee recommends to the County Commission to hire

- Approval of the Commission
  - Need the minutes of the meeting or a letter/memo from the Chairperson stating who they approved based the committee's recommendation or if they overrode the committee's selection on who they hired

- Copies of Proposals Received

- Copies proposed Sub-consultant Request (in proposal from Engineer)
RFP Process & Documentation, con't

- Selected firm’s State of ND Business License (from Engineer)
- Selected firm’s License from ND Board of Registered Engineers and Surveyors (from Engineer)
- Selected Firm has not been barred or suspended or determined to be ineligible by any federal agency (from Engineer)

- All the bulleted text in “Black” needs to be submitted to NDDOT prior to us doing an agreement besides an approved scope & fee
## RFP Process & Documentation, con’t

### LPA Solicitation Documentation

<table>
<thead>
<tr>
<th>Project Number</th>
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<tbody>
<tr>
<td>PCN</td>
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<tr>
<td>PE or CE</td>
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<tr>
<td>RFP Submitted</td>
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<tr>
<td>Selection Committee Members submitted</td>
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<tr>
<td>Shortlist of Firms and Rankings for firms to be interviewed</td>
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<td>Interview date, time, and questions</td>
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<td>Selection Committee interview answers and notes</td>
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<tr>
<td>Ballots and ranking of selection</td>
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<tr>
<td>Selection and ranking memorandum</td>
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<tr>
<td>Approval of Mayor/Chairperson/President of LPA/MPO</td>
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<tr>
<td>Copies of Proposals Received</td>
<td></td>
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<tr>
<td>Copies of proposed sub-consultant request</td>
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<tr>
<td>Other information if applicable</td>
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### Additional information provided

<table>
<thead>
<tr>
<th>Firm is licensed in ND</th>
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<tbody>
<tr>
<td>Firm is registered with the ND Board of Registration for Professional Engineers and Surveyors</td>
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<tr>
<td>Selected firm has not been suspended, debarred, etc. by any federal agency</td>
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Discretionary Grants

- Notice of Funding Opportunity (NOFO)
- Title VI
- Partners
- Short Timelines to apply
- Need to be registered with Grants.gov to apply
- Have multiple projects to choose from
- This type of funding opportunity won’t go away
SHSP (Vision Zero Plan)

- 2023
- Vision Zero Stakeholder Meetings
- Emphasis Areas
- LRSP’s (Local Road Safety Plans)
- HSIP Funds
Long Eared Bats

- Changed from threatened to endangered species
- Can longer use 4(d) rule
  - Allowed incidental take without the need for federal permit
  - This allowed us to remove trees and bridges that were outside the White Nose Syndrome Zone (which was most of the state) without seasonal restrictions.
- NDDOT working with USFWS on specifics
- Until we have the new policy in place, work with NDDOT Biologist on what bridges need survey and when they can be done
- If you have questions – Call Kent (701-328-3482)
Gravel Surfacing

- Better Gravel
  - Use PI
  - Plan notes and SP can be used
  - Use 350 Spec
  - Less maintenance (blading and gravel loss)
  - No Wash boarding
  - Improve Safety
  - Less Dust
  - Improved stabilization and dust suppressant performance

- Lower Quality Gravel
  - Don’t use PI
  - Use 302 Spec
  - More maintenance (blading and gravel lose)
  - Gravel rumble strips
  - Reduced Safety
  - More dust
  - Poor stabilization and dust suppressant performance
SHPO/Bridges

- Process is getting better
- Single Projects
- Timely submittals
  - Don’t submit weeks or a month before you want to go
  - Don’t submit multiple projects all at once
  - Submit throughout the year and ahead of time
- Working on an MOA/MOU with SHPO
  - Standardize APE’s (Area of Potential Effects)
Bridges – Inspections/LR

- All Load Ratings have been completed and accepted
- Error checking for potential missed load postings
  - Appears there were a few errors in our coding, so a few more will be sent the 1st week of February
- Stats
  - 520 (46 counties) load postings were sent out of approximately 3,100 bridges load rated on the local system
  - Approximately a dozen or so bridges were closed
- Items to come
  - List bridges that are currently posted, that don’t need to be
    - 106 bridges
  - List of bridges that are posted and the load posting can be raised
    - 1 to 5-tons – 165 bridges
    - 6 to 29-tons – 100 bridges
Bridges – Funding

- HB 1505 (BRP) – bid by December 2024
  - 59 bridges (replaced/rehabbed)
  - $24.7M

- Regular Bridge Funds (1st RD – 2023 to 2025) 127 applications (152 bridges)
  - 72 bridges funded (replaced/rehabbed/removed)
  - $60M

- Regular Bridge Funds (2nd RD – 2023 to 2026) (135 bridges)
  - 50% Bridges funded (replaced/rehabbed/removed)
  - $60M
Bridges – Project Development

- **Issues**
  - Supply
  - Contractors
  - Workers
  - Environmental
  - Inactive projects with FHWA

- **Possible Solutions**
  - Alternative designs and materials
    - Pre-cast vs cast in-place
    - Concrete vs steel
    - Pre Fab Steel bridges
    - Multiple pipes (CSP, etc.)
    - FAST Cast Bridge system
    - InQuick Bridge system
    - Structural plate pipe
    - Aluminum Boxes
    - Wheeler Timber bridges
    - ??? Other options
Questions