PUBLIC MEETING
US HIGHWAY 14
(EUCLID AVENUE)
From Sioux Ave. to Divided Hwy W of SD1804
Pierre, Hughes County, SD
NH 0014(185)229   PCN 026Z
PURPOSE OF THE MEETING

- Involve the public in the design process
- Provide a Project Update – Post 2017 Project Study Public Meetings
  - Background Information
  - Proposed Project
  - Project Schedule
- Gather Input and Comments
PROJECT TEAM

- Contacts

Pete Longman, PE
SDDOT Consultant Manager

Dustin Hamilton, PE
Consultant (HDR) Project Manager
PROJECT LIMITS
BACKGROUND INFORMATION

- Grading Projects 1932, 1937
- Base Course and Asphalt Surface 1938
- Grading 1962
- Pavement Restoration/Overlay 1968
- Traffic Signals 1974, 1978
- Traffic Signal Interconnect 1982
- Resurfacing 1996
- Mill & Asphalt Resurfacing 2003
- Sioux Avenue Intersection 2005
- Study/Review in 2016/17
TRAFFIC

The traffic volumes and vehicle types are used to guide design decisions.

- Traffic forecasts have been updated since prior study
- Resulted in modifications to typical section and selected intersection controls as a result of updated traffic operations analysis
CRASH HISTORY


- 25 Reported Segment Crashes
  - 0 fatal, 2 non-incapacitating injury, 2 possible injury, 21 PDO crashes

- 55 Reported Intersection Crashes
  - 0 fatal, 3 incapacitating injury, 7 non-incapacitating injury, 10 possible injury, 35 PDO crashes

- Crash trends noted at:
  - RCPE Bridge structure
  - Segment from Broadway to Capitol (sight distance noted as common factor)
  - Sioux Ave./Pierre Street – Ped. collisions
NEED FOR PROJECT

- Roadway Typical Section
- Intersection Controls
- Surfacing (existing surface 20+ years old)
- Pedestrian/Bike Needs
  (Lack of ADA accessibility)
- Storm Drainage (50 to 85+ years old)
- City Utilities (by City of Pierre)
PROPOSED IMPROVEMENTS

- Updated Cross-section - combination of 3, 4, and 5 lanes with parking where possible
- New traffic signals at Capitol, Broadway, Elizabeth
- Additional traffic signal at 4th Street
- ADA upgrades and shared 10’ sidepath on east side, pedestrian push-buttons at Sioux Ave.
- Storm sewer system
- Surfacing and curb and gutter
- New roadway lighting
- Replacement of over-height detection system for RCPE structure
PROPOSED TYPICAL 3 LANE SECTION (SIOUX AVE. TO BROADWAY AVE.)
PROPOSED TYPICAL 4 LANE SECTION (WYNOKA AVE. TO ELIZABETH AVE.)
PROPOSED TYPICAL 5 LANE SECTION (ELIZABETH AVE. TO DIVIDED HIGHWAY)
ACCESS MANAGEMENT

- Provide safe, efficient access to highways
- Limit number of direct entrances to major highways
- Proposed changes will be discussed during landowner meetings
RIGHT OF WAY (ROW)

- Existing Width – Varies between 80 and 100 feet
- Purchase additional ROW – as needed in specific locations for ped ramps and intersection improvements
- Temporary Easements as needed for construction
- ROW and Temporary Easements will be discussed in more detail during Landowner Meetings
ENCROACHMENTS

- Encroachments – Private Property located within the Public ROW
  - Federal Highway Regulations Safety

- Examples of Encroachments
  - Signs
  - Private Use (Parking)
  - Landscaping Items

- Owners of encroachments will be notified by Pierre Area Office
UTILITY COORDINATION

- Some utilities may need to be relocated
- Utility companies may negotiate easements with landowners as necessary
UTILITY COORDINATION

- Any Known Private Utilities?
  - Waterlines
  - Drainfields
  - Septic Tanks
  - Underground Storage Tanks
  - Underground Power Lines
- Contact SDDOT
ENVIRONMENTAL, SOCIAL & ECONOMIC CONCERNS

- Cultural resources are being evaluated with no anticipated impacts (Historic Districts/Retaining Walls/Historic Structures)
- Possible wetland impacts (Hilgers Gulch)
- Threatened & Endangered Species – no anticipated impacts
- Section 4(f) & 6(f) - 4(f) impacts being reviewed for Hilgers Gulch and anticipating a *de-minimis* impact

Photos Courtesy of U.S. 14 Reconstruction Planning Study – SDDOT website
ENVIRONMENTAL, SOCIAL & ECONOMIC CONCERNS

- This project is being developed in accordance with applicable State and Federal environmental regulations.
  - National Environmental Policy Act of 1969 (NEPA), as amended
  - Coordination has been initiated with State and Federal resource agencies
CONSTRUCTION TRAFFIC CONTROL

- Construction Traffic Control Plans are being developed
- It is anticipated the road will be open during construction, reserving option for full block closures, where possible to expedite construction
- Delays should be expected when traveling through work zones
- Additional meetings on construction traffic control as design/plans progress

Photo Courtesy USDOT Website
LANDOWNER MEETINGS

- August 2020
  - Will be contacted by SDDOT to schedule appointment
- Held with individual landowners adjacent to the project
  - Driveway location/width
  - Fence
  - Drainage
  - Trees
  - Temporary easements or ROW acquisition
# TENTATIVE PROJECT SCHEDULE

<table>
<thead>
<tr>
<th>Task</th>
<th>Date</th>
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<tbody>
<tr>
<td>Landowner Meetings</td>
<td>August 2020</td>
</tr>
<tr>
<td>Final Design</td>
<td>Late 2020/Early 2021</td>
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<tr>
<td>ROW Process</td>
<td>2021</td>
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<tr>
<td>Construction</td>
<td>2023</td>
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- Estimated Cost: $9.328 Million
## OTHER PROJECTS IN THE AREA

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<thead>
<tr>
<th>FY</th>
<th>Status</th>
<th>PCN</th>
<th>Project #</th>
<th>Location</th>
<th>Description</th>
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<tbody>
<tr>
<td>2020</td>
<td>Programmed</td>
<td>05HX</td>
<td>NH 0014(220)239</td>
<td>US14 – Fm Approx 7 mi E of Pierre to N US83 Jct.</td>
<td>Crack &amp; Seat PCCP, AC Resurfacing, Lighting</td>
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<tr>
<td>2021</td>
<td>Programmed</td>
<td>03WN</td>
<td>NH 0014(194)227</td>
<td>US14 – Missouri River Bridge at Pierre</td>
<td>Replace Structure (Bridge), Intersection Improvements, Preliminary Engineering</td>
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<td>2021</td>
<td>Programmed</td>
<td>04XQ</td>
<td>NH 0014(208)230</td>
<td>US14 – Fm W of SD1804 to the US83 N Jct. (Blunt Jct.)</td>
<td>AC Surfacing, Pipe Work</td>
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Please submit Questions or Comments from May 9, 2020 through June 6, 2020 to:

Dustin Hamilton, PE
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Rapid City, SD 57701
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(605)-791-6103
Public Meeting Information @
http://sddot.com/dot/publicmeetings/default.aspx