District Utility Program Meeting

District 5
August 2, 2021
WELCOME & INTRODUCTIONS

Tell us your name, organization, role and favorite cake flavor
MEETING CONTEXT & BACKGROUND
AGENDA

• Provide brief NDOT utility coordination program update
• Present Fiscal Year 2022 Construction Projects
• Tentatively present Fiscal Year 2023 Construction Projects
• Wrap up
NDOT UTILITY COORDINATION PROGRAM

Progress & Updates
# CURRENT UTILITY INITIATIVES

<table>
<thead>
<tr>
<th>Accommodation Policy</th>
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<tbody>
<tr>
<td>Public Outreach</td>
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<td>Utility Sheets</td>
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<tr>
<td>Performance Measures</td>
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ACCOMMODATION POLICY

• Reorganized and expanded coverage of accommodation and permitting
• Updated requirements for pipelines and other facilities
• New topics covered include maintenance, abandonments, and reimbursements
• New facilities covered include wireless communication
• Draft policy to be reviewed by NDOT in late 2021
ACCOMMODATION POLICY

Question –

• What’s one thing NOT covered in the current policy that you would like to see covered in the updated policy?
IMPROVEMENTS TO UTILITY COORDINATION & COMMUNICATION

• Began with updating the accommodation policy and processes
• LB 339 was introduced
• NDOT is developing several strategies to improve utility engagement and process
STRATEGIES IMPROVE:

- Communication during planning and construction
- Targeted utility data collection with better plan presentation
- Construction schedule coordination
OUR PROCESS

• Internal NDOT workshops – brainstorm improvement ideas
• Truth testing improvement strategies with:
  • AGC Nebraska and representative contractors
  • Utility companies
OUR STRATEGIES AT A GLANCE

• Improved program communications
• Detailed utility plan sheets
• New utility questionnaire during design phase to note likely conflicts
• Targeted utility locates for selected locations during design
• And more!
IN-PROGRESS INITIATIVES

Contractor Working Group

District Utility Program Meetings

NDOT Utility Website
2022 CONSTRUCTION PROJECTS
DISTRICT 5 2022
CONSTRUCTION PROJECTS
IN MITCHELL AND NORTH

CN51544; STP-29-4(110)

Schedule
- Blue Lines completed
- Right of Way Complete
- Letting Date (8/26/2021)
- Const. Start (6/13/2022)
- R.P. 12.75 – R.P. 30.27
IN MITCHELL AND NORTH

Scope of Work
- Milling and surfacing the roadway and shoulders with asphalt; 1.5” grade raise
- Existing earth shoulders will be brought up to match the new asphalt
- Existing surfaced driveways and intersections will be resurfaced. Non-surfaced will have rock or gravel placed to match new asphalt.
- Curb ramp construction
- Bridge repairs and overlay with 2” grade raise
- RRFB will be installed

Project Manager – Maryanne Jacobs
- Project will be constructed under traffic with lane closures
- A wellhead protection area occurs within the city of Mitchell
- Google Earth KMZ available upon request
IN MITCHELL AND NORTH

<table>
<thead>
<tr>
<th>Utility Companies Identified</th>
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<tbody>
<tr>
<td>Lumen (CenturyLink)</td>
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<tr>
<td>Black Hills Energy</td>
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<td>Viaero (formerly NE Colorado Cellular)</td>
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<td>NebraskaLink</td>
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<tr>
<td>Nebraska Public Power District</td>
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<tr>
<td>Spectrum (Charter Communications)</td>
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<tr>
<td>Panhandle Rural Electric Memb.</td>
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<tr>
<td>Roosevelt Public Power District</td>
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</tbody>
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- Construction plans available upon request
BROWNSON EAST

CN51535; NH-80-1(192)

Schedule
• Blue Lines completed
• Right of Way Complete
  • 4 Tracts
• Letting Date (9/30/2021)
• Const. Start (4/1/2022)
• R.P. 46.81 – R.P. 53.89
BROWNSON EAST

Scope of Work

- Removing existing pavement and foundation course on driving lanes and shoulders and replacing with dowelled concrete pavement on foundation course
- Ramps at the Brownson Interchange (L-17C) will be resurfaced
- Removing and replacing guardrail
- Culvert extensions and placement of drainage structures at bridge ends
- Bridge repairs and widening on Structure 080 05035L&R
- Sidney EB rest area ramps will be removed and new ramps will be constructed with separate truck and car parking areas. Building reconstruction will be done on a separate project. Buildings will also be removed at this time, so the rest area will be completely closed for two years until the building project (CN51275A) is completed.
Project Manager – James Johnson

- Project will be constructed under traffic with lane closures accommodated by putting traffic head-to-head utilizing temporary median crossovers and other approved temporary traffic control. A detour will be needed for County Rd 99 traffic for the construction at bridge S080 05035L and S080 05035R for five weeks in one construction season and five weeks the following construction season for a total of ten weeks over two construction seasons.

- Google Earth KMZ available upon request
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<td>Spectrum (Charter Communications)</td>
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<td>Dalton Telephone Co.</td>
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<tr>
<td>High West Energy</td>
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<td>Holly Energy</td>
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<tr>
<td>NebraskaLink</td>
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<td>Zayo</td>
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<tr>
<td>Tallgrass Energy</td>
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<tr>
<td>Western Area Power Admin.</td>
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- Construction plans available upon request
SCOTTSBLUFF NORTH

CN51184; STP-71-3(119)

Schedule
• Project not turned in (Need CE Doc)
• Right of Way Complete
• Letting Date (11/18/2021)
• Const. Start (7/18/2022)
• R.P. 64.49 – R.P. 71.26
SCOTTSBLUFF NORTH

Scope of Work
• Milling and surfacing the roadway and shoulders with asphalt; 2” grade raise
• Grading beyond the hinge point will be needed in spot locations
• Structure over the Tri-State Canal will be repaired; 2” grade raise. No work will be required in the channel.
• Guardrail will be replaced
• Access to the Interstate Canal will be required to replace guardrail that is attached to the structure over the canal

Project Manager – Maryanne Jacobs
• This project will be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
• Google Earth KMZ available upon request
## SCOTTSBLUFF NORTH

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<td>Spectrum (Charter Communications)</td>
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<td>Great Plains Comm.</td>
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<td>Roosevelt Public Power District</td>
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<td>Tallgrass Energy</td>
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- Construction plans available upon request
BANNER/MORRILL CO. LINE – BRIDGEPORT

CN51606; STP-88-1(111)

Schedule
• Project Turn-in (8/2/2021)
• Right of Way Complete
• Letting Date (12/16/2021)
• Const. Start (4/1/2022)
• R.P. 39.83 – R.P. 58.32
BANNER/MORRILL CO. LINE – BRIDGEPORT

Scope of Work
• Milling and surfacing the roadway and shoulders with asphalt; 2” grade raise
• Trench widen 3’ left and right to 28’ top
• Existing surfaced driveways and intersections will be resurfaced. Non-surfaced will have rock or gravel placed to match new asphalt.
• Bridges will be repaired including an asphalt overlay with a 2” grade raise, replacement of expansion joints, and buttress remodels
• Grading will be required the entire length of the project

Project Manager – Marty Gillen
• This project will be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
• Google Earth KMZ available upon request
# BANNER/MORRILL CO. LINE – BRIDGEPORT

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<tr>
<td>City of Bridgeport</td>
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<tr>
<td>Black Hills Energy</td>
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<td>Wheatbelt Public Power District</td>
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<tr>
<td>Lumen (CenturyLink)</td>
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<td>Spectrum (Charter Communications)</td>
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- Construction plans available upon request
2022 CONSTRUCTION PROJECTS

Questions?
2023 CONSTRUCTION PROJECTS
DISTRICT 5 2023
CONSTRUCTION PROJECTS
BROADWATER SOUTHWEST

CN51268; STP-92-1(117)

Schedule
- Project Turn-in (12/16/2021)
- Right of Way In Progress
  - 5 Tracts
- Letting Date (8/25/2022)
- Const. Start (5/2/2023)
- R.P. 64.62 – R.P. 72.45
BROADWATER SOUTHWEST

Scope of Work

• Resurface and widen from 24’ to 28’ top with 4’ turf shoulders
• 2” grade raised tapered to 1” at the edge of the surfaced shoulder
• Existing earth shoulders will be brought up to match the new asphalt
• Existing surfaced driveways and intersections will be resurfaced. Non-surfaced will have rock or gravel placed to match new asphalt.
• Culvert extensions
• Removing and replacing guardrail
• Structure at R.P. 68.27 will replace existing wingwalls and remodeled including new guardrail
• Structure at R.P. 71.64 will be repaired. Asphalt overlay with a 2” grade raise. Abutments will be remodeled. Concrete cap will be repaired and deck joint will be replaced at pier 4
BROADWATER SOUTHWEST

Project Manager – Buck Simmons

- Project constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
- Google Earth KMZ available upon request
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<td>Wheatbelt Public Power District</td>
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<td>Nebraska Public Power District</td>
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<td>Lumen (CenturyLink)</td>
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<td>Black Hills Energy</td>
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- Construction plans available upon request
S JCT N-71 EAST

CN51561; STP-88-1(110)

Schedule

- Project Turn-in 4/14/2022
- Right of Way In Progress
  - 11 Tracts
- Letting Date (8/25/2022)
- Const. Start (4/1/2023)
- R.P. 23.54 – R.P. 39.83
S JCT N-71 EAST

Scope of Work

• Milling and resurfacing the roadway with asphalt. N-88 will have a 2” grade raise while S-04A will not have a grade raise.
• Grading will be required the entire length of the project
• Guardrail will be removed and replaced
• Bridge work on N-88 consists of deck repairs, membrane and overlay with a 3” grade raise, buttress remodel and deck drain retrofits
• Bridge work on S-04A consists of deck repairs, membrane and overlay with a 2” grade raise, replace expansion joints, encasing abutment 1 and both outside piles
Project Manager: James Johnson

- Project constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
- Google Earth KMZ available upon request
### S JCT N-71 EAST

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<td>Viaero Wireless (formerly NE Colorado Cellular)</td>
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<td>Warren AFB (90th MMXS/HICS)</td>
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<td>Chaco Energy Co</td>
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<td>Enbridge – Platte Pipe Line Company, LLC</td>
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<td>North Platte Natural Resources District</td>
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- Construction plans available upon request
SIDNEY EB REST AREA BUILDINGS

CN 51275A; NH-80-1(169)

Schedule
• Project is being redesigned
• Right of Way Completed
• Letting Date (12/15/2022)
• Const. Start (4/1/2023)
• R.P. 51.40
SIDNEY EB REST AREA BUILDINGS

Scope of Work
• Construct new building
• Construct new picnic areas
• Construct new sidewalk
• Relocate historic markers

Project Manager: Maryanne Jacobs
• Project will be constructed with full closure. The closure will be for two years.
• Google Earth KMZ available upon request
SIDNEY EB REST AREA BUILDINGS

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<td>Warren AFB (90th MMXS/HCIS)</td>
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CHAPPLE EAST

CN51462A; STP-30-1(139)

Schedule

- Project Turn-in (6/23/2022)
- Right of Way In Progress
  - 25 Tracts
- Letting Date (11/4/2022)
- Const. Start (5/1/2023)
- R.P. 87.39 – R.P. 97.57
CHAPPELL EAST

Scope of Work

• Trench widen 3’ left and right to 28’ top
• Milling and surfacing the roadway and shoulders with asphalt; no grade raise
• Existing surfaced driveways and intersections will be resurfaced. Non-surfaced will have rock or gravel placed to match new asphalt.
• Culvert extensions
• Remove and replace guardrail
• Overtopping issue near R.P. 91.20 will be resolved by building a 9’ X 3’ box culvert diagonally under the intersection and reshaping the ditches to convey drainage to the O’Neal draw.
• Overtopping issue near R.P. 96.60 will be resolved by removing two existing culverts and replacing with twin 36” culverts and regrading the ditches
• Lighting will be installed at the N-27 junctions located at R.P. 93.38 and R.P. 95.37
CHAPPELL EAST

Project Manager – None Assigned

- Project constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
- Google Earth KMZ is available
## CHAPPELL EAST

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<td>City of Chappell</td>
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<td>Highline Electric</td>
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<td>Tallgrass Energy</td>
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<td>KEBRH Operating</td>
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<td>AT&amp;T</td>
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<td>NebraskaLink</td>
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<td>PC Telcom</td>
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<td>CenturyLink</td>
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<td>Spring Communications</td>
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- Construction plans available upon request
US-138 WEST

CN51463A; STP-30-1(140)

Schedule
- Project Turn-in (3/1/2022)
- Right of Way In Progress
  - 5 Tracts
- Letting Date (11/4/2022)
- Const. Start (5/1/2023)
- R.P. 97.57 – R.P. 107.86
US-138 WEST

Scope of Work

• Trench widen 3’ left and right to 28’ top
• Milling and surfacing the roadway and shoulders with asphalt; 1” grade raise
• Existing surfaced driveways and intersections will be resurfaced. Non-surfaced will have rock or gravel placed to match new asphalt.
• Culvert extensions
• Removing and replacing guardrail
• Overtopping issue near R.P. 102 will be addressed by installing a 9’x3’ RCBC diagonally under the County Road 197 intersection. Ditches will be widened along the east side of County Road 197 south to Dry Creek.
US-138 WEST

Project Manager – TBD

- Project constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.
- Google Earth KMZ available upon request
**US 138 WEST**

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<td>Black Hills Energy</td>
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<td>NuStar Pipeline Operating Partnership:</td>
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<tr>
<td>L.P./Kaneb Pipeline (7168)</td>
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- Construction plans available upon request
2023 CONSTRUCTION PROJECTS

Questions?
GOT A QUESTION ABOUT A PROJECT YOU’RE INVOLVED IN?

Use your handout to contact your utility coordinator!
THANK YOU

Please fill out your survey and return to Kristen