

**WATERTOWN CITY COUNCIL
WORK SESSION AGENDA
CITY HALL
23 SECOND STREET NORTHEAST
WATERTOWN, SOUTH DAKOTA**

Monday, November 20, 2017

5:30 PM

1. Call to Order
2. Discussion on visit to Brookings City and County Government Building
3. 2017 Bridge Inspection Summary Report
4. Discussion of North Lake Drive Addition
5. Future agenda items
6. Adjournment

Kristen Bobzien
Finance Officer

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ADA Compliance: The City of Watertown fully subscribes to the provisions of the Americans with Disabilities Act. If you desire to attend this public meeting and are in need of special accommodations, please notify the City Finance Office 24 hours prior to the meeting so that appropriate auxiliary aids and services are available.

**City of Watertown Bridge Inspections
2017 Summary**

Structure	Details
15-141-139 N. Lake Drive	<ol style="list-style-type: none"> 1 Repairing the deteriorated areas of the walls and ceiling is <i>not</i> practical due to the age and condition of the structure. 2 Install delineation on each approach. 3 Upgrade the bridge rail to meet current standards. 4 This structure is nearing the end of its useful life and should be replaced in the next 5 years. <p style="text-align: center;"> 2017 Current Posting: Legal Loads 2015 Sufficiency Rating: 65.7 </p> <p style="text-align: center;"> Recommended Posting: Legal Loads 2017 Sufficiency Rating: 62.5 </p>
15-181-170 3rd Avenue NW	<ol style="list-style-type: none"> 1 Install a Type 3 object marker and delineation at each corner of the structure. 2 Upgrade bridge railing to current standards. 3 Stabilize the erosion at the northeast corner. 4 Relocate the high pressure gas main located along the South rail as it poses a significant safety threat. 5 Post the structure at Single Unit 16 Tons, Combinations: 28 Tons due to the condition of the substructure and piers. 6 Bridge is scheduled for replacement within the next 3 years due to the overall condition of the bridge combined with the steady measured deterioration of structural components. <p style="text-align: center;"> 2017 Current Posting: 18T - 30T - 34T 2015 Sufficiency Rating: 36.7 </p> <p style="text-align: center;"> Recommended Posting: Single: 16T, Combinations: 28T 2017 Sufficiency Rating: 35.6 </p>
15-181-171 West Kemp Avenue	<ol style="list-style-type: none"> 1 Extend the deck drain pipes on the underside of the arches. 2 Stabilize the erosion at all corners of the structure. 3 Clear the deck drains of debris. 4 Install a Type 3 object marker at each corner of the structure. 5 Install chain link to railing extensions at approach corners for pedestrian safety. <p style="text-align: center;"> 2017 Current Posting: Legal Loads 2015 Sufficiency Rating: 92.9 </p> <p style="text-align: center;"> Recommended Posting: Legal Loads 2017 Sufficiency Rating: 92.3 </p>
15-181-175 4th Avenue SW	<ol style="list-style-type: none"> 1 Install a Type 3 object marker at each corner of the structure. 2 Add chain link fence to the north pedestrian railing and paint railing. 3 Riprap both berms. 4 Consider an epoxy deck seal to extend the life of the deck. <p style="text-align: center;"> 2017 Current Posting: Legal Loads 2015 Sufficiency Rating: 93.2 </p> <p style="text-align: center;"> Recommended Posting: Legal Loads 2017 Sufficiency Rating: 93.2 </p>
15-196-190 20th Avenue South	<ol style="list-style-type: none"> 1 Clean and seal the ends of the girders at the abutments to prevent corrosion to the prestressed strands. 2 Repair/ replace the joint seal material at both abutments- This is allowing debris to accumulate near girder ends and is contributing to prestressing corrosion. 3 Replace the bent terminal post at the northwest guardrail end. 4 Install missing W-beam bolt on the northeast approach rail. 5 Routinely clean deck of debris to deter abrasive deterioration and to assist with water flow. (there are no drains on the structure with a minimal profile grade) 6 Consider Epoxy Chip Seal for deck. 7 Consider installing deck drains at intermediate span locations where camber effect is noticeable. <p style="text-align: center;"> 2017 Current Posting: Legal Loads 2015 Sufficiency Rating: 93.3 </p> <p style="text-align: center;"> Recommended Posting: Legal Loads 2017 Sufficiency Rating: 92.7 </p>