

PUBLIC WORKS AND SAFETY COMMITTEE

Wednesday, August 31, 2016 – 4:15 p.m.

City Council Chambers

A g e n d a

1. [Award of Bid- Park South Development Storm Water Pond \(4135\)](#)
2. [Minot SWIF Deficiency work -Approve Plans and Specs- 3rd Ave and 10th St \(3135.2A\)](#)
3. [Minot SWIF Deficiency work – Engineering amendment \(3135.2\)](#)
4. [Broadway Viaduct Construction and Maintenance Agreement Canadian Pacific Railroad and NDDOT \(3979\)](#)
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MEMO TO: Public Works and Safety Committee
FROM: City Clerk's Office
RE: Agenda for Wednesday, August 31, 2016, 4:15 p.m.

1. Award of Bid- Park South Development Storm Water Pond (4135)

The City has been in discussions with Bruce Walker, President of Park South Holdings, LLC for approximately 2 years in regards to utilizing a portion of City property for a storm water detention pond. Park South is a property being expanded at 234 14th Avenue SE. This project will improve and address affordable housing needs for the Minot area. The project consists of renovation of the existing apartments, building two additional apartments and also townhomes.

Previous council action allows Park South to build the detention pond and lift station as part of their storm water management plan on a portion of City owned property. Park South has received a CDBG grant for this project, however those funds need to be administered by a government entity. Upon completion, this pond and lift station will be maintained by the City.

Fiscal Impact: The project was approved for bidding at the July Council meeting. The project will be funded with a CDBG grant in the amount of \$714,950 and any funding in excess of the grant will be covered by the developer (see attached letter).

Bids were opened on August 9, 2016. A tabulation of those bids is attached along with a recommendation of award from the consultant.

It is recommended the bid be awarded to [Strata Corporation](#) in the amount of \$586,280 for the general bid and Fusion Automation in the amount of \$47,887 for the electrical portion of the bid for the Park South Development Storm Water Pond and authorize the Mayor to sign the contracts on behalf of the City.

2. Minot SWIF Deficiency work -Approve Plans and Specs- 3rd Ave and 10th St (3135.2A)

The City has been working toward completion of a System Wide Improvement Framework (SWIF) to address deficiencies that the USACE has noted in the flood protection system through Minot. These deficiencies are items that need to be addressed to bring the flood control system to the current USACE guidelines.

Staff has taken measures to address the deficiencies in house such as replacing topsoil, seeding, repair of erosion control around outfalls and other items for which the City has staff and equipment to complete.

In accordance with the SWIF program, there are capital improvement items that require design, plans and contractors to complete. This work is ongoing and will continue until all deficiencies have been addressed in accordance with USACE requirements so the City can stay in the PL-84-99 federal program.

The first plans and specifications, which identify the repairs needed to address an erosion issue of the river bank along 10th Street north of 3rd Avenue NW, have been completed and staff is requesting approval of these plans and specifications and authorization to advertise for bids. This will be the first of numerous projects which will need approval over the next 2-3 years.

Fiscal Impact: Funds for this project are available in sales tax flood control. The estimated cost is \$200,000 to \$300,000.

It is recommended the Committee and Council approve the plans and specifications for erosion repairs along 10th Street and 3rd Avenue and authorize a call for bids.

3. Minot SWIF Deficiency work – Engineering amendment (3135.2)

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The City has been working toward completion of a System Wide Improvement Framework (SWIF) to address deficiencies the USACE have noted in the flood protection system through Minot. These deficiencies are items that need to be addressed to bring the flood control system to the current USACE guidelines.

Houston Engineering has been hired to complete the SWIF plan, address items that require attention and prepare plans for the capital projects that are beyond maintenance items.

In completing this work, part of the duties the City must complete is an inventory and verification of flood easements that were acquired for the flood work in the 70s, 80's and 90's. City records had numerous easements that, although it appears the residences were paid for, none of the easements were actually signed when the Water Board and City acquired them.

This is requiring more intensive research at the County Recorder's office to try to find signed easements, in addition to surveying and researching additional easements outside of the river's boundary which the USACE has designated as areas requiring easements.

Houston has provided an estimated cost to complete this research, survey and documentation, which is a not to exceed total of \$127,500.

Fiscal Impact: Funds are available from sales tax flood control.

It is recommended the Committee and Council approve the [engineering amendment](#) with Houston Engineering and authorize the Mayor to sign the contract amendment on behalf of the City.

4. Broadway Viaduct Construction and Maintenance Agreement Canadian Pacific Railroad and NDDOT (3979)

In order to construct the new Broadway Viaducts, a three party agreement must be signed with Canadian Pacific Railroad, NDDOT, and the City of Minot. The agreement stipulates the parties responsible for construction and maintenance of the viaducts. It also stipulates the requirements of Canadian Pacific for construction and maintenance of the bridges while over their right of way.

The City Engineer has reviewed the document as well as the NDDOT and Canadian Pacific. All have agreed to the content of the agreement. The maintenance requirements are the same for the City as they are today. For comparison, this agreement is almost identical to the agreement recently approved by the Council with BNSF.

It is recommended the Committee and Council approve the Construction and Maintenance Agreement, and authorize the Mayor and City Staff to execute the agreement.

5. Burdick Expressway Reconstruction Selection of Preferred Alternatives (4179)

Burdick Expressway from 9th St SE to 15th St SE is slated for reconstruction in 2017. The project will be managed and bid under the direction of the NDDOT. During the course of design for this project, several options are developed for input and review. The City Council will provide input on these options, but the final options chosen will ultimately be decided by the NDDOT management.

The first major decision revolves around the question of how to build the project.

Alternate A: Do Not Build the Project

Alternate B: Build Project and Realign the Road at the Oxbow

Alternate C: Build Project but Do Not Realign Road at the Oxbow

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The Burdick corridor has several identified safety issues to the driving public with the largest issue being the sharp curve around the dead loop oxbow. The curve, in addition to the narrow lane widths, causes vehicles to sideswipe each other. There have been several accidents where this has occurred. The viable solution is to realign the roadway to soften the curve which will correct the sight distance issue, the lane assignment issue, and increase pedestrian safety in this area.

The realignment will not prevent the implementation of the Friends of the Souris River concept in the future. A new bridge and significant channel excavation will be needed in this area under the Friends of the Souris River concept which can all be done once their plan has approval, funding and environmental authorizations.

Staff recommends Alternate B.

The next decision is in regard to replacement of the traffic signal at Burdick/9th St SE.

Option 1: Replace signal at Burdick/9th St SE

There is only one viable alternative for this option and that is to replace the signal. Staff recommends Option 1.

The last major decision is in regard to the signal replacement at Burdick/13th St SE. This signal is at the Zoo entrance.

Option 2a: Remove and Replace the Traffic Signal

Option 2b: Remove Traffic Signal and Install a Pedestrian Signal

Option 2c: Remove Traffic Signal with No Replacement

The signal analysis was run for current and future traffic projections (20 years in the future) and the signal was not warranted in either case. However, it should be noted that the Zoo and Corbett Field share parking lots during large events which significantly increases the pedestrian cross traffic during those times. While the pedestrian count alone will not justify the traffic signal, other mitigation measures are feasible such as a pedestrian activated signal. These signals are often used when pedestrians have to cross multilane roadways, but not when a typical city street width is used. An example of a similar signal is Burdick/1st St SE, 3rd St SE, and 37th Ave/2nd St SE.

A new traffic signal can be reinstalled, although since not justified, FHWA/NDDOT may require the City to pay the full cost (about \$150,000) versus the cost of a pedestrian signal (\$29,000).

For this option, staff recommends Option 2b: Remove Traffic Signal Replace with Pedestrian Signal.

Staff's recommendations revolve around increasing the corridor safety and providing an acceptable level of service for current and future traffic volumes. These options in no way prevent the future construction projects proposed for the Flood Control or Friends of the Souris River's concepts. These projects are likely many years into the future at a time when the currently proposed Burdick project will receive its first major rehabilitation.

In summary, it is recommended the Committee and Council choose these options for the Burdick Expressway Reconstruction: Alternate B: Build Project and Realign the Road at the Oxbow; Option 1: Replace signal at Burdick/9th St; Option 2b: Remove Traffic Signal and Install a Pedestrian Signal.

6. Building Relocation Request- Russell Titus- 2310 62nd St SE

The City of Minot received a request from Russell Titus to [relocate](#) an accessory building to 2310 62nd St SE, also known as Lot 17 of Countryside Villas 3rd Addition.

The building to be moved is a 24' x 40' or 960 square foot portable classroom. The interior of the structure appears to be one large open room. It has asphalt shingles, wood frame construction, and vertical wood siding on the exterior. The building is located at Sunnyside School in Minot and photos are provided by the property appraiser. Information has not been provided as to what type of foundation the structure will be placed on.

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The proposed moving location is a rural setting with mostly modern homes and what appears to be one manufactured home in the immediate vicinity of the proposed moving location. Many of the properties have detached garages and outbuildings on the sites as well. The structure to be moved is proposed to be placed along the south side of the lot containing the home addressed as 2310 62nd St SE.

This structure is estimated to meet 60% of its replacement cost as per Sec 9-47(b)(c) of the Minot Code of Ordinances and appears to be compatible with the existing properties in the immediate neighborhood.

It is recommended the Committee and Council approve the relocation of an accessory building to 2310 62nd St SE, subject to the following conditions:

- A \$10,000 completion bond must be posted with the City of Minot prior to issuance of any permits for this work.
- An approved foundation design in compliance with City of Minot building codes.
- The plumbing, electrical and HVAC systems, if applicable, shall be brought into compliance with current code requirements of the City of Minot.
- All work at the new location must be in compliance with the City of Minot building codes and zoning ordinances.
- Approved building permits for all proposed construction
- Smoke detectors in required locations
- The exterior of the structure must be one consistent color or scheme of colors after relocation.
- Applicant must obtain all necessary permits, and coordinate all relocation activities with public utilities and traffic authorities.
- The property must be provided with proper site drainage, site restoration and must be landscaped in a manner similar to surrounding properties.

7. Ordinances on Second Reading
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| <ul style="list-style-type: none">a. Ordinance No. 5101 – Remove concealed Fastener Requirement- Zoning Supplementb. Ordinance No. 5102 – Amend the 2016 Annual Budget- Homeland Security Grantc. Ordinance No. 5103 – Amend the 2016 Annual Budget- Emergency Generator for Fire Station One (FD0042) |
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8. Discussion- CMCO Chapter 7- Animals and Fowl
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The City received a request from Sara Bloom to consider amending Chapter 7 of the City of Minot Code of Ordinances regarding livestock, particularly hens in City limits.