City of Edgerton, Kansas Minutes of City Council Regular Session April 14, 2022

A Regular Session of the City Council (the Council) was held in the Edgerton City Hall, 404 E. Nelson, Edgerton, Kansas on April 14, 2022. The meeting convened at 7:00 PM with Mayor Roberts presiding.

1. ROLL CALL

Clay Longanecker present Josh Lewis present Josh Beem present

Jody Brown absent (arrived at 7:17pm)

Josie Stambaugh present

With a quorum present, the meeting commenced.

Staff in attendance: City Administrator, Beth Linn

City Attorney, Lee Hendricks

City Clerk, Alex Clower

Public Works Director, Dan Merkh

Public Works Superintendent, Trey Whitaker

CIP Manager, Brian Stanley Finance Director, Karen Kindle Accountant, Justin Vermillion

Development Services Director, Katy Crow

Marketing & Communications Manager, Kara Banks

2. WELCOME

3. PLEDGE OF ALLEGIANCE

<u>Consent Agenda</u> (Consent Agenda items will be acted upon by one motion unless a Council member requests an item be removed for discussion and separate action)

- 4. Approve Minutes from March 24, 2022 Regular City Council Meeting
- 5. Approve Final Acceptance for the Construction of Corliss Road

Councilmember Lewis moved to approve the consent agenda, seconded by Councilmember Longanecker. The consent agenda was approved, 4-0.

Regular Agenda

6. **Declaration.** Councilmember Stambaugh asked if they would be able to touch base on the issues with the Crist property that she has brought to Mayor's attention. Mayor Roberts responded they would discuss it on the City Administrator's report under the update on 207th St. Grade Separation.

- 7. **Public Comments.** There were no public comments made.
- 8. **Proclamation.** Mayor Roberts Declares April 2022 as National Fair Housing Month in the City of Edgerton, Kansas.

Mayor Roberts stated like past years, this is a requirement for the city to submit applications for CDBG, which is grant money the city has used many times over the years to make improvements in the community.

Ms. Linn stated this grant is part of Housing and Urban Development and the proclamation is the first step in submitting grant applications. She stated the city has submitted for 3 grants since her time in Edgerton. She stated most recently the city used the funds received for a sewer restoration project and the city will continue to look for the best possible ways to use awarded grant money.

Business Requiring Action

9. CONSIDER PLANNING SERVICES AGREEMENT BETWEEN THE CITY OF EDGERTON AND CONFLUENCE, INC., FOR THE DEVELOPMENT OF A NEW COMPREHENSIVE LAND USE PLAN FOR THE CITY OF EDGERTON, KANSAS

Ms. Crow addressed the Council. She stated the Comprehensive Plan is a long-range planning tool for the city. It combines plans in existence today with feedback from public engagement to create a new plan for the next 20 years. She stated the process takes about 18-months from start to finish. She stated after approval of the agreement for planning services, the city and planning commission will kick off the start of the project on May 26th with a joint work session and in June of 2023, the City will receive the final plan back. She stated after issuance of Request for Proposals, four consulting firms responded and of those four, two were selected to move forward for in-person interviews. She stated upon conclusion of the interviews, it was unanimously decided that Confluence Inc. should move forward as the consultant team to lead the Comprehensive Plan process. She stated as part of conducting this process for the city, they have partnered with George Butler Associates (GBA) who will provide engineering expertise to the project.

She stated Chris Shires, with Confluence Inc., is available for questions via videoconference.

Mr. Shires stated Confluence is a Midwest-based planning, urban design, and landscape architecture firm with over 70 professional planners and landscape architects. He stated there are offices in several Midwest cities across eight states and their experience in creating Comprehensive Land Use plans is extensive. He stated this project will be based out of the Kansas City office and they're ready to kick this project off with the joint work session on May 26th.

Ms. Crow stated this will be funded through the CIP in the amount of \$150,000.

There were no further comments or questions.

Councilmember Lewis moved to approve the agreement with Confluence Inc., for the Development of a new Comprehensive Land Use Plan, seconded by Councilmember Longanecker. The Agreement was approved, 4-0.

10. CONSIDER ORDINANCE NO. 2105 ORDINANCE ANNEXING CERTAIN LAND INTO THE CITY OF EDGERTON, KANSAS

Ms. Linn stated the City has received a Consent for Annexation application for property currently located in Johnson County, Kansas. She stated a copy of the application form is included in the packet.

She stated Kansas Statute 12-520 states that the governing body of any city, by ordinance, may annex land into such city if that land adjoins the city and a written petition for consent to annexation is filed with the city. She stated the property owner has filed the required petition for consent and the property is contiguous to property within the City's corporate city limits.

She stated the map included in the packet shows the property outlined in red, on the southwest corner of 8th Street and Braun Street.

There were no questions or comments from the governing body.

Mayor Roberts then requested a motion to approve Ordinance No. 2105, annexing certain land into the City of Edgerton.

Councilmember Longanecker moved to approve the motion, seconded by Councilmember Beem. The Ordinance No. 2105, Annexing Land into the City of Edgerton, was approved 3-1, with Councilmember Stambaugh voting nay.

Mayor Roberts added item 10.5 to the Agenda, a report from James Oltman with ElevateEdgerton! on the Edge Grand Program.

10.5. EDGE GRANT REPORT

James Oltman, with ElevateEdgerton! addressed the Council. He stated ElevateEdgerton! recently announced the creation of a beautification and business expansion grant program called the Edge Grant Program. He stated within a few weeks of the release of the program, EE! received numerous applications and was able to award all funding allocated for the 2022 Beautification grant program. He stated since the announcement of closure of this portion of the grant, EE! has received multiple questions/comments from Councilmember Stambaugh regarding the program. He stated to be transparent with the governing body, and the community, he would like to address the received questions and comments from Councilmember Stambaugh as well as address any other questions the remaining Councilmembers may have.

He referenced the packet given to the councilmembers *(See Exhibit A)* with the questions and comments he's received from Councilmember Stambaugh and his reply to those comments and questions.

Councilmember Brown arrived at 7:17PM.

Mayor Roberts asked if the \$29,000 was private funds or if that also included the grant from ElevateEdgerton!

Mr. Oltman stated it was a net of \$24,000 invested into the community, with a total of \$29,000 worth of project applications submitted. \$5,000 of \$29,000 is the grant monies.

Councilmember Longanecker stated this seems all clear to him and that this is a great thing for the community.

Mr. Oltman stated the terms and qualifying criteria of the program were communicated by himself, directly to the applicant. He stated they were told that EE! could not fund everything and hopes to be able to expand this grant in the future, which could include the guidelines for submission and the funding amounts.

Councilmember Stambaugh stated her concern was that this applicant was accepted for the beautifying grant and she is certain they did not accept this residential grant. She stated it was said that EE! would be more prone to approve business grant, if they could show that the money would be used for expanding. She stated this does not work for this business, because they cannot take on more children under rules from the State of Kansas. She stated they operate as a small business and have all licenses to do so. She stated if they have the ability to expand their business as far as making it more desirable, they are more likely to have parents enroll their children in this daycare. She stated there has to be something or some way they can work with the small businesses here. She questioned where ElevateEdgerton! spends the \$50,000 a year they are allocated by the Council. She stated the City does not have a lot of small businesses and EE! has said there is money left over for the small business grant, so it does not make sense to her why they are being denied.

Mr. Oltman stated he will be here on May 26th to present the 2023 funding request for ElevateEdgerton! at which time he can prepare an overview of where EE! uses the funds. He stated at any time, anyone can go back through minutes from past meetings and pull the documents submitted throughout the years from ElevateEdgerton! and their past funding requests. He stated EE! is largely funded by the private business community. He stated he does not disagree with Councilmember Stambaugh that there are worthwhile projects within this community, but EE! had limited funds. The guidelines for the grant program state the business must be able to expand and there are certain eligible projects, none of which were met by the resident mentioned. The EE! Board of Directors approved the guidelines for this year. As ElevateEdgerton! looks forward to growing this program, they are also looking to grow the types of projects that will be accepted. He stated this is the first year and they will take what they have heard and learned from this year and apply necessary changes to next year, if possible.

Councilmember Stambaugh asked if the board votes on where and how funds received are dedicated.

Mr. Oltman stated the board votes on all policy decisions, just like they voted on the guidelines within this program.

Mayor Roberts stated yes, the board did approve the guidelines, but the grant applications were examined and awarded by a sub-group which includes persons from businesses in Edgerton.

Councilmember Stambaugh asked who was on the board.

Mr. Oltman stated that information is publicly available on the ElevateEdgerton! website.

Mayor Roberts stated he appreciates the conversation and the desire to expand the program. He stated he appreciates this opportunity for the community and the questions Councilmember Stambaugh has brought forward.

Councilmember Stambaugh stated she appreciates this program and any help the residents are given.

There were no further questions or comments.

11. Report by the City Administrator

• 1st Quarter Report from Johnson County Sheriff's Office

Master Deputy Brad Johnson addressed the Council. He stated citations in the first quarter this year closely align with last year's numbers. He stated there have been 21 cases of drugs and narcotics, which he expects to rise since Kansas is sandwiched between Colorado and Missouri.

Mayor Roberts stated the opioid usage has gone up tremendously in the last year or so.

Deputy Johnson stated drugs have become more readily available. People are cooking meth and cutting it with fentanyl.

Mayor Roberts stated he would like to see the overall numbers and increase for the county.

Mr. Johnson stated he will have more info next meeting after all numbers are complete for the 1^{st} quarter.

Ms. Linn asked Deputy Johnson to give an update on Cyclones in the Outfield.

Deputy Johnson stated Cyclones in the Outfield will be held in May and will include a softball game on Friday night and a car show and drive in movie on Saturday this year. He stated this is the second annual event which benefits Edgerton Elementary students and teachers. He stated the funds received will go toward registration fees, school supplies and hygiene products. He

stated he hopes to move toward a grant program so people who need shoes, coats, etc. will be able to apply anonymously and donations can be made to them. He stated last year, the Cyclones event raised enough funds to provide \$6,000 to teachers for classroom supplies, cover the cost of 180 registration fees and provide school supplies for the kids. He stated this year, they are adding a cruise-in car show followed by a drive-in movie at Martin Creek Park. He stated car shows used to be huge and he hopes to be able to bring it back with this event as well as grow this event with more sponsors and donors. He stated he wants this to be something that can promote the community and make an impact here with the kids as they grow in their community.

Ms. Linn stated Deputy Johnson's vision is a family weekend, watching firefighters play police during their softball game on Saturday. She stated there will be a food truck in the Greenspace and public safety will lead cars to Martin Creek Park for a family movie night on Sunday.

Councilmember Beem asked how people can donate.

Ms. Linn stated they can go to the link on the city's website and there is a QR code on the flyer.

Mayor Roberts stated registration fees at the school this year were raised from \$70 to \$80, so families that struggled before will now struggle even more. He stated this will benefit so many.

Mayor Roberts asked if there were any further questions or comments on either of these items.

Ms. Janeice Rawles, 709 Heather Knoll Dr., stated she had a question that does not relate to the above-mentioned items for the Sheriff's Office.

Mayor Roberts stated she could go ahead with her questions.

She asked if any citations have been written for vehicles that were not allowed under the Unconventional Vehicles ordinance that was passed last year. She stated there were four children racing up and down 8th Street the other day. She stated she called the Sheriff's Office and it took them over 30 minutes to arrive on scene. By that time, the kids were done and were not cited.

Ms. Linn stated there have been a handful of cases that have been prosecuted through Municipal Court since the passing of the ordinance. She stated she had a meeting with the Sheriff's Office and reminded them of the ordinance and the citable offenses that go with it. She stated she would like to remind residents that although Deputy Johnson is the officer of duty for Edgerton, he is not on call all day, every day.

Mayor Roberts stated he appreciates Ms. Rawles calling the Sheriff's Office and would tell everyone in the community to do so. He stated he would assume it took them so long to respond because of other calls they might have been on. He stated he would say that the community has more eyes than they do and to keep calling them if they see people on these types of vehicles illegally.

There were no further questions or comments.

• 1st Quarter Financial Report

Ms. Karen Kindle addressed the Council. She reviewed the General Fund Revenues, stating property tax is right on target. The City TIF Increment is new this year and represents the amount of property tax that goes into TIF Districts. She stated vehicle, liquor, local and county sales taxes are on track. She stated franchise tax is about where it usually is at this time of year, although it fluctuates seasonally. She stated license and permits are lower than other percentages because this depends on seasons and when people will be working on new projects. She stated fines and forfeitures are right where they are expected to be. Investment incomes might improve but have not yet. She stated as far as expenditures, the general government line is lower than expected because of the vacant Assistant City Administrator position. She stated parks is lower because this line is very event driven and most of the City's events are in the summer. She stated community development is also lower due to the vacant Building Inspector position. She stated economic development includes the ElevateEdgerton! contract and BNSF Property Tax increment which has not been disbursed yet. She stated in the end, the city is within the reserve requirement.

She stated regarding the Water Fund, charges for service are right where they have been in the past, fines and forfeitures are also on target. She stated the expenditures are a little higher because of the payment made annually in January and the first of two payments that are required to be made in the debt service line. She stated the city is within the reserve requirement.

She stated the Sewer Fund is where it is expected to be on revenues and expenditures. She stated the debt service line is at 50 percent because the first of two payments have been made already this year. She stated the city is within the reserve requirement.

There were no questions or comments.

• Planned Unit Development Discussion

Ms. Katy Crow addressed the Council. She stated Planned Unit Developments (PUDs) are a new concept for Egerton, but not new for the development process. She sated the city has an entire chapter already in their Unified Development Code on PUDs, but it has not been used before. She stated she wanted to bring this to Council tonight because it is an item that the Governing Body may see. Unlike typical development site plans that go just to Planning Commission, PUDs will come before the City Council as well.

She stated when United Community Services presented the housing study a few months back, they had mentioned the rising costs in housing, land, raw materials, etc. make it difficult for the first-time home buyer. She stated Planned Unit Development is a tool that allows for flexibility when building homes. She stated staff recognizes that smaller lots are not for everyone, but there are people who would prefer to have this option. She stated it gives Edgerton the flexibility to work with developers for residential development, a term called up-zoning, with

narrower lots and more houses in an area. She stated with PUDs it is common to require something back from the developer, such as trails, greenspace, amenities for the housing development, etc., so the community gets something in return. She stated issues can be addressed such as the ability for specific parking to minimize overcrowding in the street and in between houses. She stated these typically come with Home-Owners Associations (HOAs) and people moving into the housing division would have to agree to that. She stated included in the packet is an article that gives an overview of Planned Unit Developments, which are used in the metro in most major cities, Lenexa, Olathe, and Overland Park. She stated these are different for every city as every agreement with the developer is different. She stated the steps for a PUD are outlined in the council packet. She stated that final development plan is a binding agreement, so if changes are desired from the developer, they will have to come back through the Planning Commission phase and then on to Council for approval.

Councilmember Longanecker asked who maintains the properties.

Ms. Crow stated that this will be something the developers will have to provide during the Conceptual Planning phase. She stated these types of homes are selling fast in the surrounding areas.

Councilmember Longanecker asked what the house sizes are in these units.

Ms. Crow stated it varies, some could be as small as 1,200 sq. ft. She stated the lot size really drives the floor plan.

Councilmember Longanecker stated starter homes are now \$250,000-plus. He stated he has always been under the impression that it is better to buy than to rent so the individual builds equity, but that seems almost impossible because of the price of houses and stagnant wages.

Ms. Crow stated these homes on smaller lots can be less costly for buyers and can help spread the costs of infrastructure for the developer.

Councilmember Stambaugh asked if HOAs and PUDs go hand in hand.

Ms. Crow stated it is not a requirement, but it is seen more often than not. She stated having an HOA can help with maintenance and codes.

Mayor Roberts stated the developer drives the HOA. When they apply for the PUD, it is more common to have an HOA than not.

Ms. Crow agreed, she stated developers want this because it helps keep the value of their neighborhood.

Councilmember Longanecker stated it sounds like this can benefit the city down the line with the amenities that may be provided by the developer and the maintenance required for the homes.

Ms. Crow agreed and stated it keeps properties looking nice and values up.

There were no further questions or comments.

• Report on 207th Street Grade Separation Project

Ms. Beth Linn addressed the Council and provided the Governing Body with a packet related to some questions/comments staff has received from Councilmember Stambaugh related to the 207th Street Grade Separation Project and specific homeowners in that area *(See Exhibit B)*.

Ms. Linn stated the 207th Street Grade Separation ribbon cutting was held in December 2021. At that time, the project was deemed substantially complete and opened to traffic. She stated this project has yet to be considered for final completion as there are several outstanding items remaining, including painting of the bridge, handrail installation, final grade adjustments, seeding/sodding, final signage, permanent striping, streetlights and clean out/debris removal from stormwater structures/pipes.

She stated leading up to final inspection, the City's construction inspector will compile a final punch list to ensure the project is in conformance with the plans and specifications, as well as installed according to proven industry standards. She stated the plans for this project were designed by a nationwide engineering firm through a licensed engineer who has completed projects similar to this a multitude of times prior to this project. She stated this level of professionalism in design, construction, and inspection provides great confidence in the quality of product the city will gain after the project is complete.

She stated the City's construction inspector will do a final inspection and provide a letter of acceptance confirming construction is complete. Staff will then present a request to the Governing Body, typically on the consent agenda, for approval and authorization for final payment.

She stated unfortunately for this project and many others in the surrounding area, there are several factors that are outside the control of the City or Contractors. Two items specifically impacted by the global supply chain issues are the permanent striping and fabrication of the streetlight poles. Additionally, an existing strike by the Painters Union could impact the completion of painting of the bridge. She stated both the Contractor and City Staff continue to monitor the situation. She stated these current challenges have set the final acceptance to be estimated for late summer 2022.

Ms. Linn stated staff has received several questions from Councilmember Stambaugh regarding concerns within the project limits related to stormwater, sight distance, cross slope, etc., all of which are listed within the packet given to the Governing Body. She stated along with the description of the concerns received are the corresponding details or information related to the items in question, should the remaining members of the Governing Body have similar concerns or receive similar questions.

After Ms. Linn reviewed the information provided in the packet related to 510 W Braun St., there were some following questions/comments.

Councilmember Stambaugh stated she had talked with Ms. Linn and Mr. Merkh about these issues and had asked if there had ever been any sort of elevation shot taken from the sidewalk to the egress window of 510 W Braun. She stated they had told her this had not been done and had said if it rains the water runs off the sidewalk to the ditch and not to the window. She asked why the City could not do a elevation shot to give the homeowner a guarantee and peace of mind that water will go to the storm drain and their home will not flood.

Mr. Merkh referred to Photo 1, in the packet, taken by Councilmember Stambaugh. He stated the City does not step outside project limits, which has a clear line. He stated the egress window of the homeowner does not fall within the project limits. He stated the existing grade closest to the house, was not touched, and the new grade surrounding the stormwater drain is higher than what is existing. He stated what the City and Contractors can control, is the flow of the water toward the storm drain, which is what this area is designed to do.

Mr. Darius Crist, 510 W Braun St., asked where the water goes if the inlet is clogged.

Mr. Merkh stated the drain is open on every side, so the odds are exceedingly low that the entire system would clog. He stated this system is based on a 100-year storm and is made to hold and move water for such capacity.

Mr. Crist stated there is a 6-inch sock in front of the basin at this time. He asked what keeps that from becoming plugged to where if there is rain tomorrow, it could flood his basement. He stated he's just asking for an elevation shot from the egress window to the sidewalk.

Mr. Merkh stated the shot that is provided, is higher than the project limits. He stated the size of storm would have to be greater than the estimated 100-year flood to have any impact.

Ms. Stambaugh pulled up pictures and video of 101 W Meriwood Ln. She stated they have ditches in their front yard and have active flooding surrounding their home. She stated she does not believe we have had the worst storm in history, so the guarantee that is given to these residents is false.

Mr. Merkh stated there are a number of parameters outside the control of the project, the flow of the water would have to be above the bank line of the ditch to have any impact.

Councilmember Stambaugh stated the ditches that have been dug in other residents yards have caused active flooding in homes.

Ms. Linn stated the best thing for that resident to do would be to contact the city.

Councilmember Stambaugh stated the resident has said they have tried to contact the city.

Ms. Linn stated they have not contacted the city regarding flooding in their home.

She referenced back to the house on Braun St. and the debris in the inlet. She stated as part of the final acceptance there will be a final inspection from the construction contractor that what has been installed and is operating per the plan.

She read the correspondence related to sight distance and debris in stormwater.

She stated the gutter buddy installed today is required to be maintained throughout construction, by the contractor. She stated this is critically important to have because there is not vegetation established and the design of the gutter buddy allows for certain debris to flow through.

Mr. Crist asked if he could request an elevation shot.

Mayor Roberts asked that staff continue to walk through this packet on 207th Street Grade Sep., and then Council can have discussion related to Mr. Crist's request.

Ms. Linn read the correspondence related to the remaining item at 510 W Braun St., the slope of ditch and tree, the item related to the 20470 Co-Op Rd., and the item related to 37305 W 207^{th} St.

She stated staff will stand for any remaining questions or comments related to the 207th Street Grade Separation Project.

Mayor Roberts stated Mr. Crist has asked the Governing Body if they would agree to have an egress shot completed of parameters that are outside the project area. He stated usually, a city would not go outside the project area and the design of this project is by a company that is nationally known for their design of bridges. He stated there was no grading next to this window but understands why Mr. Crist would want an elevation shot. He stated it is up to Council to authorize this change order.

Councilmember Stambaugh stated she believes the city should do this to give the homeowner peace of mind. She stated if she had a huge bridge built in her front yard, this is the least the city could do for them.

Mayor Roberts stated the city has done a lot for this project, which included negotiations that were accepted by the homeowner, as well as allowing for a wider driveway, for drainage to be moved from original plan, etc. He stated the City has most certainly done more than the City is required to do. He stated if Council wants to take additional steps, a change order must be authorized.

Mr. Lee Hendricks, City Attorney, stated it is seemingly innocuous to allow this, but it is important to realize whatever decision is made, there is a possibility there will be others that will want and expect Council to do this for them. He stated this is why there are standards and professionals are hired to do what they do and that if they say this project meets requirements, you trust it is so. He stated this goes above and beyond what is required of the City to do, but can be done if Council so chooses.

Councilmember Stambaugh stated the scope of work and amount of money it would cost to complete this is minimal. She added that this is a special circumstance because she does not see Edgerton doing a project of this size any time soon.

Mr. Hendricks stated to every person and every home there is a dollar amount of work they believe should be completed by the city. He stated every person will say their problem is a big deal. He stated he does not believe it is in the city's best interest to say this circumstance is special, but someone else's is not. He stated he understands the request, but a great deal of work has been done above and beyond for this property. He stated it may be the case where this situation does not arise again, or many others may come forward to demand the City pay for additional work.

Councilmember Stambaugh stated Mr. Hendricks can absolutely guarantee that there will be no flooding.

Mr. Hendricks stated he is not talking specifically about the Crist property nor is he giving any guarantees. He stated if Council chooses to issue a change order that goes outside the bounds of what the professionals have said meets requirements, regardless of the project, other members of the community could come forward with similar requests on future projects.

Mayor Roberts stated the city cannot give a guarantee and must rely on professional insight that the project parameters meet all necessary requirements for what it is designed and built to do.

Councilmember Stambaugh stated she will pay for an elevation survey out of her pocket if the city does not. She stated this is a multimillion-dollar project and it is not the same as the small projects throughout the City.

Councilmember Lewis stated what he believes the City Attorney is trying to say is that if we do this for one, we will have to consider doing it for all. He stated it would be like the recent work done to his street, which was completely rebuilt. He stated if three people on his street were to say because of how the contractor graded the street it has caused flooding, the city would run into these circumstances all the time. He asked would Council give exceptions to every person who asks.

Mayor Roberts stated the Council represents all citizens, and if we're willing to do it one time, we have to be willing to do it every time.

Councilmember Stambaugh stated she thinks it's a good business practice.

Councilmember Lewis stated someone will have this same complaint later down the road and he is worried that by allowing it once, the City could face similar requests to go outside the parameters of the project.

Councilmember Stambaugh asked if they would want peace of mind.

Councilmember Lewis replied, he would trust that the professionals have done their job to the correct level.

Councilmember Stambaugh asked if there can be a greater guarantee than the 2 years given to the homeowner.

Mayor Roberts asked what they want a guarantee on.

Mr. David Hamby, City Engineer, stated a 100-year flood is not something that happens every 100 years. He stated it means in any given year, it's a 1% chance of occurring.

Mr. Crist stated where the water did drain, they elevated it 2 feet. He stated it should be graded because there is dirt higher than the sidewalk.

Mayor Roberts asked if he wants the water to flow over the sidewalk.

Mr. Crist stated he felt his concerns were brushed off by Ms. Linn and Mayor Roberts.

Councilmember Beem asked if the grading was draining water to the east.

Mr. Crist stated he gets the impression that the council does not care. He stated this project became part of his front yard, and he does not want to have to remodel his basement again.

Mayor Roberts stated he and the Councilmembers do care.

Mr. Crist stated the city has done the opposite of what he has requested.

Mayor Roberts asked Mr. Merkh to explain the channeling of water.

Mr. Merkh stated the water is not designed to go over the sidewalk, the design is for the water to run down the hill and to the drain, which is designed for a capacity of reaching what would be considered a 100-year flood in the pipe and surrounding infrastructure.

Councilmember Stambaugh asked if a vote can be taken on authorizing an elevation shot for Darius Crist.

Mayor Roberts stated the motion is for the city to enact a change order on private property to complete two elevation shots, from sidewalk to egress window and egress window to drain.

Councilmember Stambaugh made motion to approve.

There was no second made.

The motion died from a lack of a second.

There were no further questions or comments.

Ms. Linn stated the City Council recently approved the submission of applications for two grants, BASE Grant and RAISE Grant. She stated the city was notified we were unsuccessful on all 3 submissions for the BASE Grant. She stated there is a posting on their website of the applications awarded.

She stated as of 3:30PM today, City staff submitted two applications for the RAISE Grant for projects consisting of East 2nd to Highway 56 and the Downtown Streetscape. She stated the applications have been received and validated. The federal grant awards will be announced in August. She stated the city also wrote letters of support and participated with the City of Gardner for submission of the Gardner Road Improvement project.

Mr. Lee Hendricks stated he asked Councilmember Stambaugh if they could discuss a request she made, that would generally be deemed an Open Record Request and relates back to what Mr. Oltman had discussed earlier.

He stated while he knows the plan is to have a more robust discussion as it relates to KOMA/KORA, he wanted to go over a couple tings related to KORA Requests.

He stated Councilmember Stambaugh did the correct thing in submitting the request herself rather than submitting as a councilmember. He stated when the Governing Body is outside of an open meeting, they have no greater access than any other citizen. He stated the city has a Freedom of Information Officer, the City Clerk, and when these types of requests come in, the City begins working on the request.

He stated ElevateEdgerton! is a private entity. A KORA request would consist of any record, regardless of format by any public agency and by an officer or employee of that public agency. He stated the city provides a form for completion to process requests, but emails with the proper information for the request are also sufficient. He stated a record has to exist, it is not required to be created in any form. He stated when a request is received, via email or request form, there are 3 options; provide the documents to fulfill the request within 3 days, tell the requestor within 3 days that staff is working on the request and will provide by a specific date, and if the request doesn't meet specific criteria such as not having a specific description of item, being overly broad to say "any and all items...", the request can be denied.

He stated after a request is made, staff drafts a response which can request a fee for the record, explain that the request is overly broad and ask that it be specified, or that the city can deny. He stated certain exceptions to documents are open to public, such as council's notes, attorney client privilege documents, preliminary plans and bid documents, personnel evaluations, and records, etc.

He stated Councilmember Stambaugh asked for "any and all information regarding ElevateEdgerton!" and this would be the perfect example of a response requesting a specific document/record be described. He stated the City Clerk, as the Freedom of Information Officer, is required to have the Open Records Pamphlet available to the public which explains Open

Records, what is allowed and what is not and how to request a record. He stated this is also available in the governing body handbook that was distributed to councilmembers earlier this year.

Mayor Roberts stated they have not done KOMA/KORA training yet but will be doing so soon. He stated the city is dictated by the Kansas Legislations and the city has to stay within certain bounds.

There were no further comments.

12. Report by the Mayor

Mr. Darius Crist walked up to Mayor's seat and dropped a check. The Mayor stated he would not accept the check, Mr. Crist left the check and returned to his seat.

Ms. Susan Pearce, at 20465 S. Gardner Rd., stated she had a question.

Mayor Roberts stated she could proceed with her question/comments.

Ms. Pearce asked if there will be a grant put in for Martin Street to be fixed.

Mayor Roberts stated Ms. Pearce has a rental in that area, and there is a large problem with storm sewer and grade of the road. He stated this is a major project which has already been studied. He stated the City recognizes there is a problem, but as of yet, no funding has been allocated to it. He invited Ms. Pearce to come to the meeting in October when the projects in the CIP are to be voted on. He stated many years ago the storm sewer was worked on, but it was not installed correctly, and the project did not fix the main issue. He stated there have been projects to make this area better, but ultimately it will need to be redone and fixed completely, which is very costly.

Ms. Pearce thanked the Mayor for the information and for the date for the upcoming council meeting.

Mayor Roberts stated Councilmember Stambaugh asked for an item to be added to the agenda and sent this request via email to Ms. Linn, but he said those requests should come to him and not to Ms. Linn. He stated the best time for the city to fix this is when the city goes through the comprehensive plan.

Ms. Stambaugh asked for the Mayor to clarify the question he is referring to.

Mayor Roberts stated Councilmember Stambaugh has asked that the city review ordinances that relate to the maximum amount of covered lot space on a R-1 property, such as having too many structures on a property. He stated this would not be something that can just be put on the agenda for the Council to vote on, it would have to go through planning commission and then to the Governing Body with their recommendation. He stated his recommendation would

be for this item to be brought forward as part of the Comprehensive Plan and rather than looking at this as a single property benefit, it can be looked at as the community in general.

Ms. Linn stated it is very common to have several changes of regulations come forward during this process to balance what the community wants regulations to be and what is suited for the community.

Mayor Roberts stated this may not be in the timeframe this person wants, but even if they went through the variance process, it could still take quite a bit of time.

Ms. Stambaugh stated she thinks the city needs to look at these old and outdated ordinances.

Mayor Roberts stated he agrees, and items can be fixed with the right process. He stated if Councilmember Stambaugh would like to add an item to the agenda, to please email him those requests.

There were no further questions or comments.

Mayor Roberts stated he appreciated being invited to help with the superintendent interviews for USD 231. He stated there were three great candidates. He stated the board has a tough decision to make, but they will have a meeting on April 19th to finalize the steps in the process. He stated he supports any of the three choices.

13. Future Meeting Reminders:

- April 28th: City Council Meeting 7:00PM
- May 10th: Planning Commission 7:00PM
- May 12th: City Council Meeting 7:00PM
- May 26th: Joint Planning Commission & City Council Work Session 6:00PM
- May 26th: City Council Meeting 7:00PM
- June 9th: City Council Meeting 7:00PM
- June 14th: Planning Commission 7:00PM
- June 23rd: City Council Meeting 7:00PM

14. Adjourn

Councilmember Lewis moved to adjourn, seconded by Councilmember Beem. All in favor. The meeting was adjourned at 9:07 PM.

Submitted by Alexandria Clower, City Clerk

EXHIBIT A



To: Edgerton City Council

From: James Oltman - President, ElevateEdgerton!

Re: Questions regarding EDGE grant program

Recently ElevateEdgerton! announced the creation of the EDGE grant program with grants available for beautification projects for residents and busineses, and also grants available for small business expansion and attraction. Within a few weeks the organization received enough applications to award all funding allocated for the 2022 Beautification grant program. Since that announcement ElevateEdgerton! has received multiple questions/comments from Councilmember Stambaugh regarding the program. In the spirit of transparency and in an effort to make sure no other members of the Edgerton City Council has any questions and/or misunderstandings about the program I would like to not only address the received questions and comments from Councilmember Stambaugh but also address any other questions any council member may have regarding the program.

1) Councilmember Stambaugh asked "Can you supply me with a copy of the approved business grants thus far? Also the approved residential beautification grants as well?" ElevateEdgerton! has reserved the right for grant winners to be featured/disclosed in future communications and marketing related to the grant program. When each grant winner was notified of their grant award, they were also provided a grant award acceptance form. This form outlined the stipulations and guidelines associated with the grant, as well as an acknowledgement from the recipient that accepting the grant provided authorization for their project to be referenced in future communications. Once those forms are received from applicants confirming they have agreed to the guidelines, ElevateEdgerton! will have future communication highlighting the projects that were chosen.

ElevateEdgerton! however will not be releasing a copy of all applicants/or applications submitted for the EDGE grant program.

2) Councilmember Stambaugh asked if this is this a City program or a Federal program? The answer to this questions is it is neither. This is a private grant program administered by ElevateEdgerton! funded by dollars from the private business community. I know recently there have been a number of items of business related to various grant programs that has required action from this council. The BASE grant program is a program that is offered by the Kansas Department of Commerce. The RAISE grant program is a federal program that is being offered by the US Department of Transportation. The ElevateEdgerton! EDGE grant program is in no way affiliated with any of those programs.



3) Councilmember Stambaugh stated that the EDGE Grant program "is also a grant the city council, including myself voted on. In the future, I will make sure to amend any requests you make regarding ElevateEdgerton and funds requested. This is also grant money you requested, that is also, I'm assuming taken out of the City General Fund." This is incorrect. The EDGE Grant program is a private grant program that was created by ElevateEdgerton!. ElevateEdgerton! had the opportunity to create this program and fund it from private funds because of membership growth in the year 2021. All funds used in this program are from the private business community.

I am assuming that the grant funds Councilmember Stambaugh is referring too are the ones referenced in the Contract for Economic Development Services that the City of Edgerton has executed with ElevateEdgerton! for 2022. In that contract there is a reference to one time grant funds associated with enhanced efforts to attract new commercial and retail development to Edgerton.

Those funds are actually for efforts planned for later this year. Also as those funds are only available on a reimbursement basis, to date those funds have neither been used nor requested by ElevateEdgerton!.

It also should be noted that the contract for economic development services was approved by the Edgerton City Council on November 18, 2021, which was two weeks before Councilmember Stambaugh was sworn into office. While ElevateEdgerton! has made multiple announcements since she has been sworn in as a City Council member, there have been no items of business related to ElevateEdgerton! that has come before this council since that date with a need to be voted on.

4) Councilwomen Stambaugh has asked ElevateEdgerton! to approve a Small Business Expansion grant that did not meet the stated guidelines of the program. It is important to note that the submitted application that Councilmember Stambaugh references included multiple projects, most of which are eligible for the Beautification grant. However there was one project that was included that would not allow the business to expand services as needed per the guidelines of the Small Business Expansion grant. It was communicated to the applicant, the applicants spouse and subsequently Councilmember Stambaugh that the project submitted was not an eligible project, however if there was another project that would allow them to expand they were encouraged to submit that and their application would be considered for a grant award.

I want to make very clear this business is eligible to apply for a Small Business Expansion grant. Businesses similar to this are also eligible to apply. There is no gray area here.



Also as a side note, this same applicant received a Beautification grant award for the maximum amount for the other projects that were submitted.

I think it is important to note that the EDGE grant program was not something that ElevateEdgerton! was contractually obligated to do per the contract for Economic Development Services with the City of Edgerton. This was an effort by the ElevateEdgerton! Board of Directors to create something that could be a benefit to not only residents of Edgerton, but also small business owners within the community. As inflation rises and prices of everything increase its becoming increasingly more challenging for both families and small businesses to survive. This program was an effort by ElevateEdgerton! to go above and beyond to both invest money in the Edgerton community and spur investment into the Edgerton Community. As a reminder this program led to a group of proposed projects totaling approximately \$29,000 worth of direct investment directly back into the Edgerton community.

While it would not be surprising to see people from outside this community use this program as an opportunity to manufacture controversy, I did not expect to see that happen from people within.



James Oltman Josie Stambaugh < jstambaugh@edgertonks.org > From: Monday, April 4, 2022 8:48 AM Sent: James Oltman To: application for grant Re: Subject: This is also a grant the city council, including myself voted on. In the future, I will make sure to amend any requests you make regarding elevate Edgerton and funds requested. This is grant money, you requested that is also, I'm assuming taken out of the city general fund. I will continue to speak on behalf and ask questions on behalf of residents when I, myself, feel like there has been an unfair decisions made. Every item I have asked for or requested from you has been denied. To me, this not only raises suspicion, but also grossly lacks transparency. I will ask again, I would like to see the list of residents you deem eligible for this grant. Regards, Josie Stambaugh **Get Outlook for iOS** From: James Oltman <james@elevateedgerton.com> Sent: Sunday, April 3, 2022 1:56:42 PM To: Josie Stambaugh < jstambaugh@edgertonks.org> application for grant Subject: RE: Good afternoon Josie -Once again I think there still might be some confusion here. Per my last email, the application included a project that did not qualify under the Small Business Expansion Grant Guidelines. Not because they are a home business, but because the use of the funds were for a project that did not qualify for Business Expansion. If they submitted a project we would absolutely consider that would allow them to expand their business and that application. have any other questions regarding their application they can reach out to me directly and I would be more than happy to talk to them again. As a side note, the "home-based" business restriction has to deal the various types of "products" that can be sold out of

To answer a few of the other questions you had:

"home-based business" restriction.

- 1. This is neither a "City" Program nor a "Federal" Program. This is a private grant program administered by ElevateEdgerton! funded with private money.
- 2. While the ElevateEdgerton! Board of Directors has reserved the right to feature completed grant projects in the future for program marketing purposes, the board has no plans to release the list of grant applicants/winners at this time.

are not included under the

Hopefully this helps clear some things up and answer your questions.

the home as a "business". Thinks like Avon, Scentsy, Arbonne etc.



James Oltman – President 30750 W 193rd St. Edgerton, KS 66030 james@elevateedgerton.com 913.882.2500 402.499.6829 c

From: Josie Stambaugh <jstambaugh@edgertonks.org> Sent: Sunday, April 3, 2022 9:32 AM To: James Oltman <james@elevateedgerton.com> Subject: Re: Application for grant</james@elevateedgerton.com></jstambaugh@edgertonks.org>
Is this grant a city based grant or a federal grant? My understanding is that is a city based grant, if that is the case, we should be able to modify the requirements. If we are solely basing the guidelines for businesses that are not home based, only brick and mortar buildings, we have yet again, cherry picked the eligible residents. We have limited small businesses within Edgerton. Can you supply me with a copy of the approved business grants, thus far? Also, the approved residential beautification grants as well. Thank you, Josie Stambaugh
Get Outlook for iOS
From: James Oltman < james@elevateedgerton.com > Sent: Friday, March 25, 2022 7:39:26 AM To: Josie Stambaugh < jstambaugh@edgertonks.org > Subject: RE: application for grant
Good morning Josie –
I think there may be some confusion as to what has been communicated to you regarding this specific grant application
On March 4 th we received a grant application from outlining a number of projects they were interested in submitting for the grant. All of the projects that were listed except for one, were eligible expenses under the Beautification grant for homeowners and small business owners.
The additional item listed in the grant application that did not qualify for funding under the beautification grant also did not qualify for the Small Business Expansion Grant per the guidelines of the Grant Program. The grant guidelines state the project must expand services the business does not currently offer. For a that would be a project that would allow the business to expand the they are able to accept.
I sent an email on Monday March 7 th explaining both of those points. I also advised that per the beautification grant guidelines only one application was allowed per address. Meaning could not apply for two beautification grants, one and a homeowner and one as a business owner at the same address.

·
had sent in response to proper application. At that time I seemed to answer all the questions had and understood what would and wouldn't qualify under both grant programs.
The fact that their business is home-based had nothing to do with the consideration of their application. In fact when speaking to the speakin
For your reference I am attaching the previously mentioned email that was sent to a se
I hope this information clears up any misunderstanding there may be about their business being ineligible as a home based business. As a side note, their application for the beautification grant was approved for the full \$500 limit.
ELEVATE EDGERT®N Purturshy for Consume Advancement
James Oltman – President 30750 W 193 rd St.
Edgerton, KS 66030
james@elevateedgerton.com
913.882.2500 402.499.6829 c
From: Josie Stambaugh < istambaugh@edgertonks.org > Sent: Friday, March 25, 2022 7:30 AM To: James Oltman < iames@elevateedgerton.com > Subject: application for grant
James, I am writing you in regards to the small business grant application for the small business grant application for the small business grant application for the small business and although the does not have a brick and mortar building, she indeed is a business within Edgerton. I was told she was denied for this grant because the was told in was in the small business within Edgerton. I was told she was denied for this grant because the was told in was in the small businesses, we would be very limited to who we, indeed help. I would encourage you to reconsider this decision, as the shade a long time, respected resident and business owner here in Edgerton. Having a business license, EIN and long time running business, in my mind would hit all the marks for this grant.
Thank you for your time, Please let me know how we can proceed. Josie Stambaugh

Get Outlook for iOS

James Oltman

From:

James Oltman

Sent:

Monday, March 7, 2022 7:52 AM

To:

Subject:

EDGE Grant Application

Good morning



Thank you for your interest and application for the EDGE grant program. Based on your application I just wanted to make sure I understand everything correctly.

The concrete, exterior paint and the landscaping would qualify as eligible expenses under the Beautification Grant program. We will definitely review your application for that, and per the grant guidelines the maximum award available is \$500. Also per the grant guidelines the beautification grant is one award per address. So you could apply as either the homeowner or the business owner for consideration for an award, but there would only be one beautification award per address.

The part of the applicati	on that deals with the	. Would this allow you to e	expand your
business and	? Eligible projects for the bu	isinesses expansion projects are ones that w	ill allow the
business to expand thei	r services to a level the community do	esn't have. Any type of project for	would
need to be able to allow	you to expand the		

At first glance based off the information received in the application I do not believe the would qualify per the grant guidelines, but if I am mistaken about the scope of the project please let me know.

If you have any other questions please don't hesitate to reach out. Thanks again for your interest in the EDGE grant program.

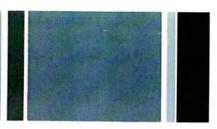


James Oltman – President 30750 W 193rd St. Edgerton, KS 66030 james@elevateedgerton.com 913.882.2500 402.499.6829 c

EXHIBIT B



404 East Nelson Edgerton, KS 66021 P: 913.893.6231 EDGERTONKS.ORG



April 14, 2022

TO:

Mayor and City Council Members

FROM:

Beth Linn, City Administrator

Dan Merkh, Public Works Director

SUBJECT:

207th Street Grade Separation Project Update

PROJECT UPDATE

The 207th Street Grade Separation held a Ribbon Cutting on December 20, 2021. The Project was deemed substantially complete open to traffic also in December 2021. Substantial Completion means the project is ready to be used for it's designed purpose, in this case, the roadway was open to traveling public.

The Project has not yet been deemed finally complete. For 207th Street Grade Separation, there are several items remaining as part of the construction process.

- Painting of the bridge
- Handrail installed on the bridge
- Final adjustments to grade
- Final adjustments to installation of rip rap
- Seeding/sodding
- Final signage
- Permanent striping
- Streetlights
- Clean out/debris removal of new stormwater structures/pipes

Leading up to final inspection, the City's construction inspector will compile a final punch list to ensure we wrap the project in conformance with the plans and specifications, as well as installed according to proven industry standards. The plans were designed by a nationwide engineering firm through a licensed engineer who has completed projects similar to this a multitude of times before this project. This level of professionalism in design, construction, and inspection provides great confidence in the quality of product we will have after the project is complete.

The City's Construction Inspector will do a final inspection and provide a letter of acceptance confirming construction is complete. Then staff will present a request to the Governing Body, typically on consent, for approval of the final acceptance and authorization for final payment.

For this Project, there are several factors outside of the City's or Contractor's control. Two items specifically impacted by global supply chain issues are the permanent striping has been postponed due to a shortage of glass beads (for reflectivity), as well as the fabrication of the streetlight poles. Additionally, an existing strike by the Painters Union could impact the

completion of painting of the bridge. Both the Contractor and the City continue to monitor the situation.

Current estimates based on the challenges listed above is anticipated final acceptance in late summer 2022. The streetlight poles are the longest lead time currently and they are scheduled for July delivery. The time until the poles arrive should suffice to complete the remaining action items (barring unforeseen circumstances).

COUNCIL MEMBER QUESTIONS

Staff received several questions from Council Member Stambaugh regarding concerns within the project limits related to stormwater, sight distance, cross slope, etc. Below is a description of the concerns received and the corresponding details or information for all governing body members should they have similar concerns or receive similar questions.

Crist (510 W BRAUN ST)

 Stormwater entering east egress window: Staff has confirmed with onsite inspection that the water that falls within the project limits drains to the east to the newly installed area inlet. Photo 1 shows that water falling within the disturbed ground is travelling east into the area inlet (not as shown in the arrow) as illustrated by the hay/seed being washed away.

Prior to construction, the design team shot elevations in this area depicted in Plan 1 including one elevation shot outside of the project limits that shows the elevation dropping from the existing shot location to the project limits. Also noted that the 100-year high water elevation is 997.67 at the area inlet (top=998.30), which is less than the shot from existing area (994.04). Contractor still finalizing grading, installing rip rap and establishing vegetation.

Sight distance looking eastward from driveway: Mr. Crist requested the City consider planting trees or constructing a berm to protect the east side of his house from vehicle lights driving the new roadway. The City agreed to evaluate once the project was open to traffic to best determine what was needed. Following onsite inspection the City developed the reforestation plan shown in Plan 2. This includes significant planting of Hillspire Junipers on city owned property to alleviate these concerns. Hillspire Junipers grow to approximate diameter of 10-15 feet with typical height of 20-30 feet. Council Member Stambaugh and Mr. Crist raised the concern that the two most southern trees would cause a blind spot when looking east to exit the driveway.

American Association of State Highway and Transportation Officials (AASHTO) charts the speed limit and downgrade into the intersection. Existing speed is posted 35mph, and the downgrade slope is 1.29%. The existing sight distance at the driveway measured at 307.35′ to the north side of trail, well exceeds the sight distance required for much steeper grades and the proposed location of the trees is an additional 8 feet north outside of the sight distance triangle. This is illustrated in Plan 3 prepared by the design engineer. Regardless, Staff received today the request in writing from Mr. Crist to remove the two most southern trees. Staff will remove these from the reforestation plan.

- Debris in stormwater infrastructure during construction: Council Member Stambaugh raised concern that the new stormwater infrastructure would get clogged or blocked causing it to not function properly. The Contractor is required to submit to the Kansas Department of Health and Environment (KDHE) a Stormwater Pollution Prevention Plan (SWPPP). This includes required erosion control measures during construction including the use of straw to protect new seed laid to establish vegetation in disturbed areas as shown in the photos. That SWPPP Plan will also require the Contractor to clean out and remove any debris in the stormwater infrastructure during construction and prior to final acceptance while the vegetation gets established.
- Slope of ditch and Tree on westside of driveway: Council Member Stambaugh states that the ditch the City constructed in front of the property is too steep to mow. Final inspection prior to final acceptance will confirm the drainage ditch was installed per plan at a maximum of 3:1 slope, the industry standard for a mowable slope.

She also stated that the tree on the westside of the driveway is dying. During easement negotiations the Crists specifically requested and agreed to several design changes including to keep this tree. Those changes (as shown on Plan 4 – Easement Negotiations) included moving curb inlet AB1 (shown in green) further west; removing end section AC2 (shown in red); moving area inlet AD1 onto property directly to the east. The Crists agreed to these changes by returning executed easement documents on March 10, 2020 which were then approved by City Council. All changes are reflected in the Final Plan. The Project includes a two-year warranty to monitor impact of construction on the health of the tree. If during that time the tree dies, the Contractor would remove the tree as part of warranty work.

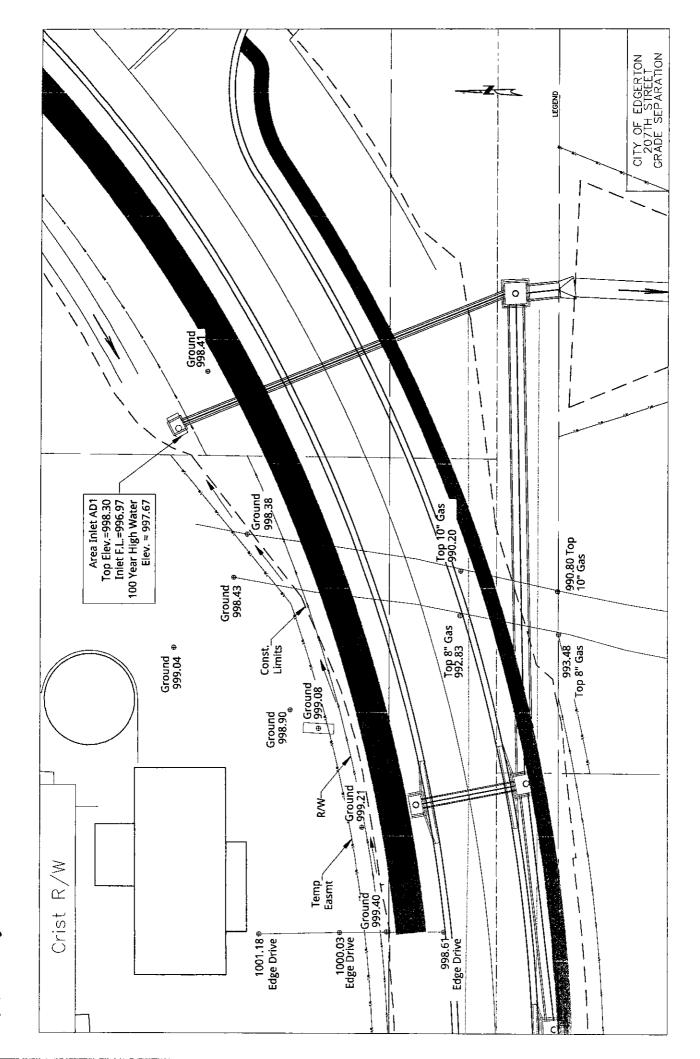
Pio (20470 COOP RD)

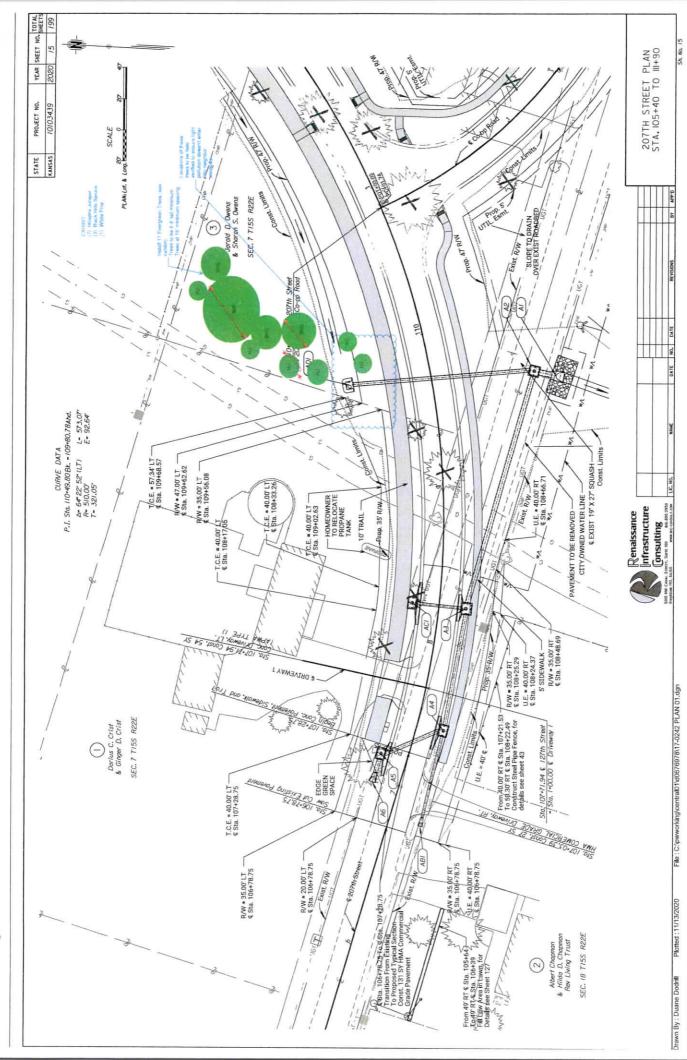
<u>Erosion near fence</u>: Staff has been previously in contact with Mr. Pio regarding discharge of the pipe to the north of the project limits shown in Photo 2. His concern is that direction of flow might cause erosion at his fence. Staff confirmed that pipe discharge is 117 feet from fence line and water flow follows existing drainage path of northeast. There is approximately 9 cubic feet per second (cfs) in the ten-year storm. Contractor still finalizing grade, will install additional rip rap and establish vegetation. Additional pipe not necessary. The Project includes a two-year warranty to monitor the flow of water and provide additional remedy in future as needed.

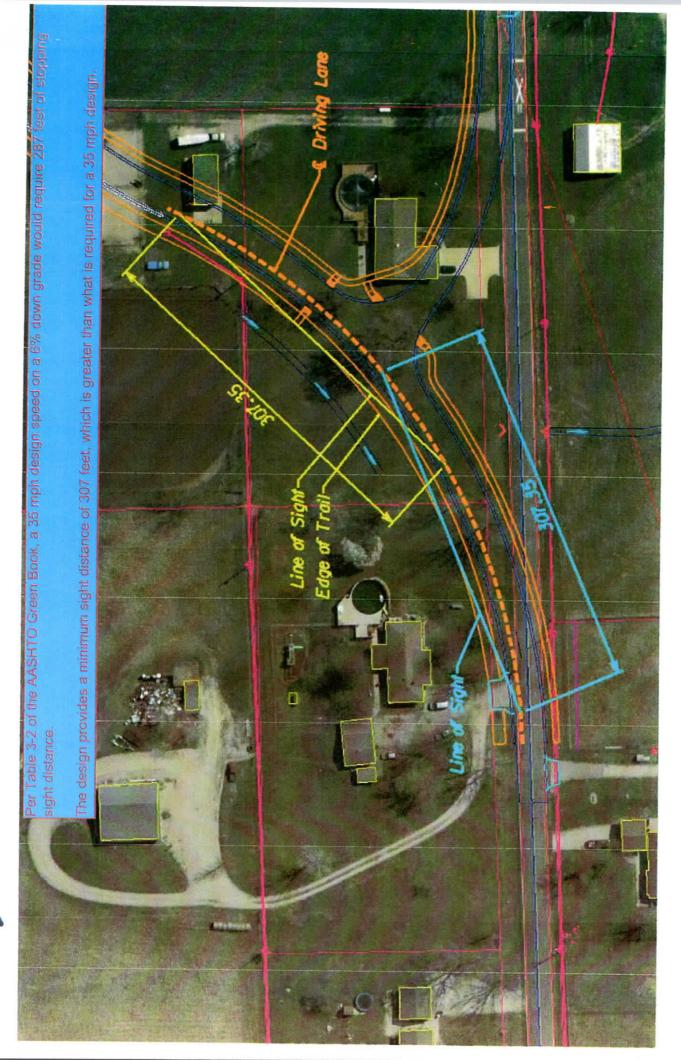
Chapman (37305 W 207TH ST)

Fence: At the time of acquisition of easement, the City agreed to "provide new fencing along the South line of the new easement, parallel to the existing fence there today." Fence is shown in Photo 3. Staff and Contractor previously met with Property Owner to inform them that fence would be replaced at the time of handrail installation on the bridge. No requirement that replacement be completed prior to construction.



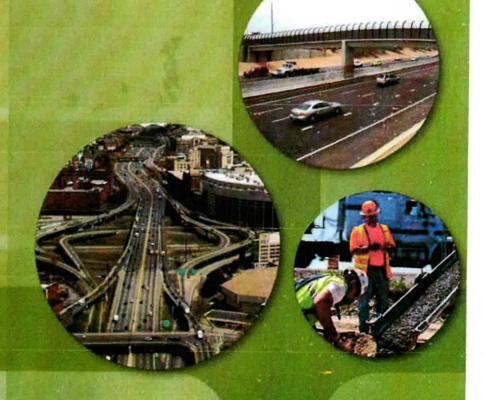






Geometric Design of Highways and Streets

2011 6th Edition



AMERIDAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS THE VOICE OF TRANSPORTATION

Effect of Grade on Stopping

When a highway is on a grade, Equation 3-1 for braking distance is modified as follows:

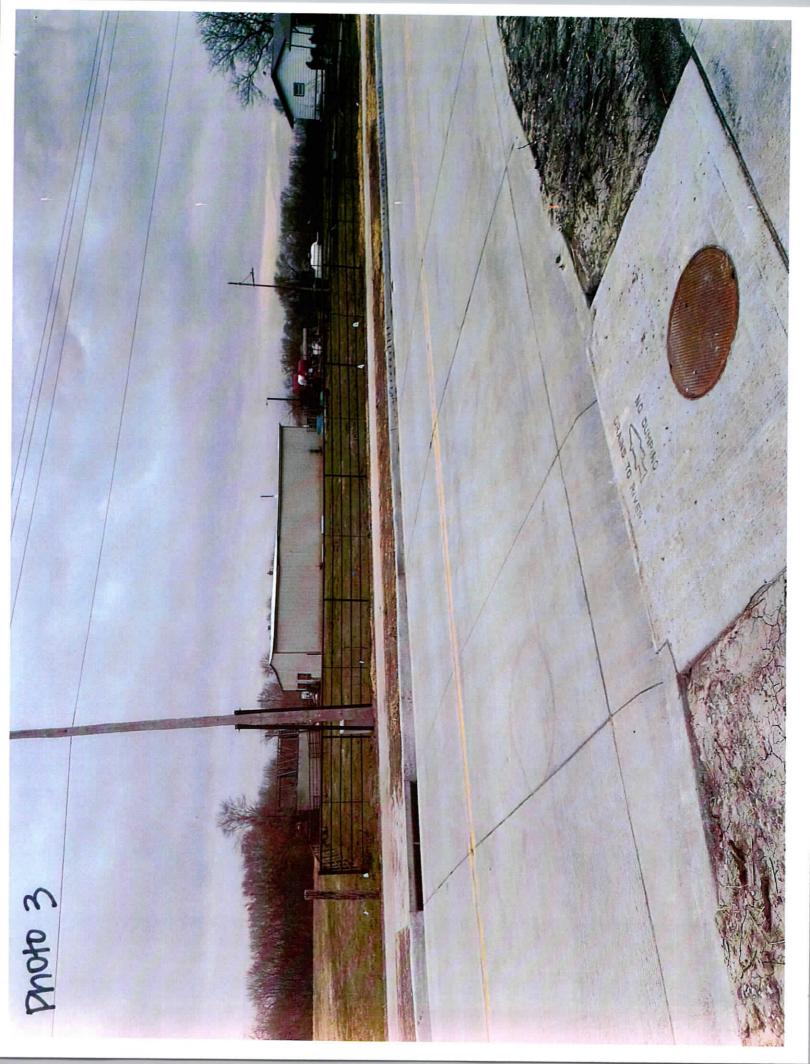
Metric	U.S. Customary
$d_B = \frac{V^2}{254\left[\left(\frac{a}{9.81}\right) \pm G\right]}$	$d_B = \frac{V^2}{30\left[\left(\frac{a}{32.2}\right) \pm G\right]} \tag{3}$
where:	where:
d_B = braking distance on grade, m	d_B = braking distance on grade, ft
V = design speed, km/h	V = design speed, mph
$a = \text{deceleration, m/s}^2$	$a = \text{deceleration, ft/s}^2$
G = grade, rise/run, m/m	G = grade, rise/run, ft/ft

In this equation, G is the rise in elevation divided by the distance of the run and the percent of grade divided by 100, and the other terms are as previously stated. The stopping distances needed on upgrades are shorter than on level roadways; those on downgrades are longer. The stopping sight distances for various grades shown in Table 3-2 are the values determined by using Equation 3-3 in place of the second term in Equation 3-2. These adjusted sight distance values are computed for wet-pavement conditions using the same design speeds and brake reaction times used for level roadways in Table 3-1.

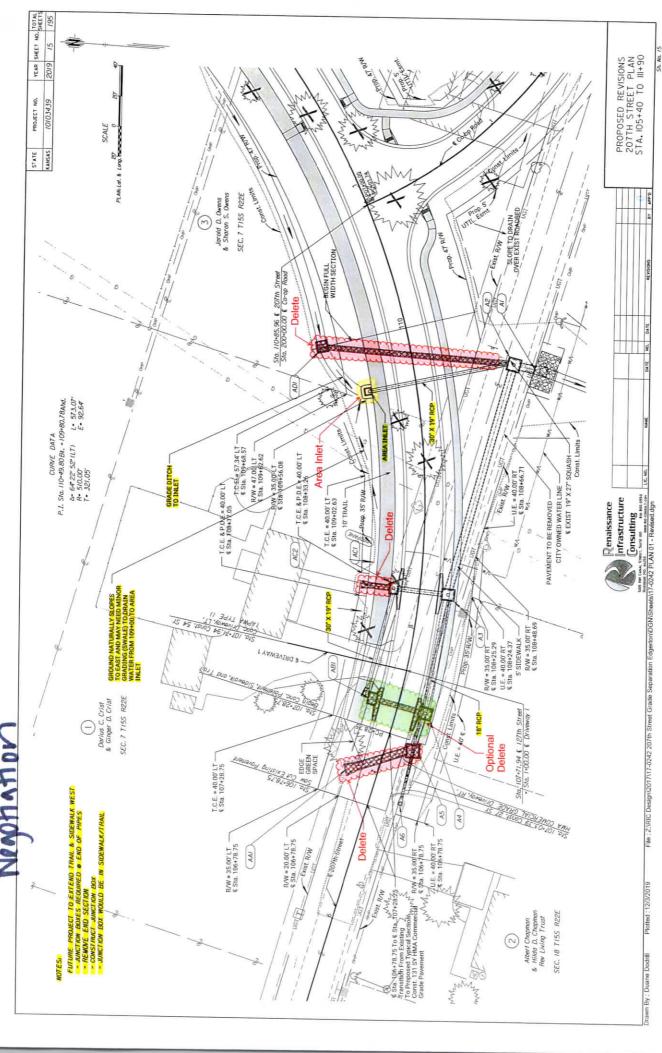
Table 3-2. Stopping Sight Distance on Grades

Metric								U.S. C	ustoma	ry			
Design		Stopp	ing Sigh	ht Distance (m)		Design	Stopping Sight Distance (ft)						
Speed (km/h)	Downgrades			Upgrades		Speed	Downgrades			Upgrades			
	3 %	6 %	9%	3 %	6 %	9 %	(mph)	3 %	6 %	9 %	3 %	6 %	9 %
20	20	20	20	19	18	18	15	80	82	85	75	74	73
30	32	35	35	31	30	29	20	116	120	126	109	107	104
40	50	50	53	45	44	43	25	158	165	173	147	143	140
50	66	70	74	61	59	58	30	205	215	227	200	184	179
60	87	92	97	80	77	75	35	257	271	287	237	229	222
70	110	116	124	100	97	93	40	315	333	354	289	278	269
80	136	144	154	123	118	114	45	378	400	427	344	331	320
90	164	174	187	148	141	136	50	446	474	507	405	388	375
100	194	207	223	174	167	160	55	520	553	593	469	450	433
110	227	243	262	203	194	186	60	598	638	686	538	515	49
120	263	281	304	234	223	214	65	682	728	785	612	584	56:
130	302	323	350	267	254	243	70	771	825	891	690	658	63:
							75	866	927	1003	772	736	70
							80	965	1035	1121	859	817	78





Many (Easement) Newhation



(Final)

