SOUTH WEBER CITY COUNCIL AGENDA

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PUBLIC NOTICE is hereby given that the City Council of SOUTH WEBER CITY, Utah, will meet in a regular public meeting commencing at 6:00 p.m. on Tuesday, September 28, 2021 in the Council Chambers at 1600 E. South Weber Dr. You may also email publiccomment@southwebercity.com for inclusion with the minutes.

OPEN (Agenda items may be moved in order or sequence to meet the needs of the Council.)

1. Pledge of Allegiance: Councilwoman Alberts
2. Prayer: Councilman Halverson
3. Public Comment: Please respectfully follow these guidelines.
    a. Individuals may speak once for 3 minutes or less: Do not remark from the audience.
    b. State your name & address and direct comments to the entire Council (Council will not respond).

ACTION ITEMS

4. Approval of Consent Agenda
    a. August 24, 2021 Minutes
    b. July Budget to Actual
5. **Public Hearing: Storm Drain Capital Facilities Plan, Impact Fee Facilities Plan, and Impact Fee Analysis**
6. Ordinance 2021-13: Capital Facilities Plan, Impact Fee Facilities Plan, Impact Fee Analysis, and Impact Fee for Storm Drain; Providing for the Calculation and Collection of Such Fees
7. Resolution 21-45: 2021 Interlocal Cooperation Agreement Between Davis County Cities and Davis County for UPDES (Utah Pollutant Discharge Elimination System) General Permit
8. Resolution 21-46: StreetScan Service Agreement

DISCUSSION ITEMS

9. Storm Drain Utility Rate Study

REPORTS

10. New Business
11. Council & Staff

CLOSED SESSION held pursuant to the provision of UCA section 52-4-205 (1) (d)

12. Discuss the Purchase, Exchange, or Lease of Real Property
13. Return to Open Meeting and Adjourn

In compliance with the Americans with Disabilities Act, individuals needing special accommodations during this meeting should notify the City Recorder, 1600 East South Weber Drive, South Weber, Utah 84405 (801-479-3177) at least two days prior to the meeting.

THE UNDERSIGNED DULY APPOINTED CITY RECORDER FOR THE MUNICIPALITY OF SOUTH WEBER CITY HEREBY CERTIFIES THAT A COPY OF THE FOREGOING NOTICE WAS MAILED, EMAILED, OR POSTED TO: 1. CITY OFFICE BUILDING 2. FAMILY ACTIVITY CENTER 3. CITY WEBSITE http://southwebercity.com/ 4. UTAH PUBLIC NOTICE WEBSITE https://www.utah.gov/pmn/index.html 5. THE GOVERNING BODY MEMBERS 6. OTHERS ON THE AGENDA

DATE: 09-21-2021 **CITY RECORDER: Lisa Smith** Lisa Smith

SOUTH WEBER CITY
CITY COUNCIL MEETING

DATE OF MEETING: 24 August 2021 **TIME COMMENCED:** 6:00 p.m.

LOCATION: South Weber City Office at 1600 East South Weber Drive, South Weber, UT

PRESENT:	**MAYOR:**	**Jo Sjoblom**
	COUNCIL MEMBERS:	**Hayley Alberts** **Blair Halverson** **Angie Petty** **Quin Soderquist** **Wayne Winsor**
	FINANCE DIRECTOR:	**Mark McRae**
	COMMUNITY DIRECTOR:	**Trevor Cahoon**
	CITY RECORDER:	**Lisa Smith**
	CITY MANAGER:	**David Larson**
	FIRE CHIEF:	**Derek Tolman**

Transcriber: Minutes transcribed by Michelle Clark

ATTENDEES: Jessica Marrano Martinez, Lynn Poll, TG George, Paul Sturm, Rod Westbroek, Julie Losee, Roney Ketts, Holly Williams, Tani Lynch, and Victoria Christensen.

Mayor Sjoblom called the meeting to order and welcomed those in attendance. She recognized the passing of Annette Ray Gardner who was a resident of South Weber City and served two terms on the City Council.

1. Pledge of Allegiance: Mayor Sjoblom

2. Prayer: Councilman Halverson

3. Public Comment: Please respectfully follow these guidelines.

- **Individuals may speak once for 3 minutes or less: Do not remark from the audience.**
- **State your name & address and direct comments to the entire Council (Council will not respond)**

Jessica Martinez, 8237 S. 2600 E., urged the City Council to allow the funds needed for the South Weber Fire Department. She supported the need for added storage and valued the service provided by the fire department. She related time is of the essence in life saving matters.

Julie Losee, 2541 E. 8200 S., asked for updates on the sign that is down on Highway 89 and painting of South Weber Drive and 2700 East. She proffered concrete barriers could be a solution to prohibit those who are exiting Highway 89 on South Weber Drive and then U turning back onto the highway.

Amy Mitchell, **1923 E Deer Run Dr**, read by Julie Losee. Amy opposed additional pay to staff, funding the Fire Department's building, and landscaping Canyon Meadows Park. She lamented the improvements at Canyon Meadows were considered instead of Cherry Farms Park. She voiced a Citizen Committee could help making budget choices.

Lynn Poll, 826 E. South Weber Drive, chastised the Mayor and Council for not enforcing city code. He expressed the South Weber Fire Department should be able to live within the space they have and suggested they could utilize their current space better. He recommended the city use ARPA money to build something special that will demonstrate how the money was spent.

Mayor Sjoblom asked if the City Council would like to respond. Councilman Halverson replied that broken sign and U turns off Highway 89 are UDOT issues; however, the Public Safety Committee is aware of them. He disclosed ARPA money has stringent rules as to how it can be spent.

PRESENTATIONS

4. New Employee Introductions

- **Trevor Cahoon:** Trevor is the new Community Services Director. He will be filling a number of different roles within the city. He grew up in Clinton and went to Sunset Jr. High and Northridge High School. He has worked the last five years for Clearfield City.
- **Corey Wilson:** Corey was hired by the Public Works Department as a new utility worker. He has 15 years of experience working in other cities and is a welcome addition to the staff.
- **Alicia Springmeyer:** Alicia served an internship with the city and has helped with multiple projects including the new budget format. Councilwoman Alberts commented she appreciated Alicia's work on the new website.

5. Recognition of 2021 Country Fair Days Committee

Councilwoman Alberts reported the annual week-long Country Fair Days would not be possible without the dedication, hard work, and energy of the Country Fair Day Committee Chairs Tani Poll, Holly Williams, and Victoria Christensen. These women have sacrificed so much of their own personal time to ensure this cherished tradition continues. All events had a fantastic turnout from the first day with golf and pickleball tournaments to the final evening with fireworks in the park. It was very clear that all South Weberites utilized the opportunity to be together. She expressed sincere gratitude to Holly, Vicki, and Tani and all those who have volunteered to make this an incredibly successful. It was announced Vicki and Holly will retire this year.

ACTION ITEMS

6. Approval of Consent Agenda

- **July 20, 2021 Minutes**
- **July Check Register**
- **Preliminary June Budget to Actual**

Councilwoman Alberts moved to approve the consent agenda. Councilman Halverson seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

7. Primary Canvass of 2021 Election Returns and Certification of Results

State election law assigns the municipal legislative body to act as the board of municipal canvassers. Canvass is required to take place between seven and fourteen days after the election. The board must publicly declare those persons who had the highest number of votes and certify the vote totals for each individual in the primary election. The board issues a certification statement which includes the total number of votes cast, name of each candidate, the office on the ballot, the number of votes for each candidate, and the number of ballots rejected. The board must review and sign the report and declare nominated the top two vote recipients for the position who will then be placed on the November ballot.

Mayor Sjoblom reported the following:

	Votes
Rod Westbroek	714
Wayne Winsor	665
Lance Nelson	580
Total	**1,959**

Councilman Halverson moved to certify the Primary Canvass of 2021 Elections Returns and Certification of Results. Councilman Soderquist seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

8. Resolution 21-41: Certified Tax Rate of 0.001522

Each year the city must adopt the certified tax rate to allow the county to collect property taxes in the city's behalf and distribute them to the city once collected. On July 17, 2021 the City Council held a Truth-in-Taxation hearing on the proposed certified tax rate of 0.001522.

Councilman Soderquist moved to approve Resolution 21-41: Certified Tax Rate of 0.001522. Councilwoman Alberts seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

9. Resolution 21-42: Final Budget Fiscal Year 2021-2022 with Consolidated Fee Schedule

Mayor Sjoblom reported all cities in Utah are required to adopt a city budget outlining expected revenues and expenditures for the next fiscal year. Staff and the City Council have worked together over the past several months to put together a balanced budget for all funds which is fiscally responsible and meets the needs of the city for the fiscal year ending June 30, 2022. A

hearing was held on June 8, 2021 for public comment on the Tentative Budget. Included as part of the budget was the Comprehensive Fee Schedule which also became effective July 1, 2021.

Finance Director Mark McRae reviewed the following changes since the adoption of the Tentative Budget:

General Fund - Revenues – Property Tax: An increase of $100,000 due to the transfer of paramedic services from the county to the city.
General Fund - Revenues – Franchise Fees: An increase of $12,000.
General Fund – Administration – Professional & Tech. – Audit: An increase of $2,000
General Fund-Fire-Salaries and Benefits: An increase of $116,000 for 9 months of 3-handed paramedic service.
General Fund-Fire-Professional Services: A decrease of $64,000.
General Fund – Community Services – Benefits: An increase of $23,000 for Health Insurance changes on employees.
General Fund – Parks – Benefits: An increase of $25,000 for employee change and related insurance changes.
General Fund – Community Services – Software: An increase of $10,000 for Human Resources software.
Capital Projects – Revenues – Contribution from Fund Balance: An increase of $419,000,000.
Capital Projects – Revenues – Transfer from General Fund: A decrease of $289,000 due to a typing error.
Capital Projects – Streets – Equipment: An increase of $20,000 to purchase speed trailer and school crossing lights.
Capital Projects – Streets – Improv. Other than Bldgs.: An increase of $110,000 for re-budget repair of Posse Grounds $20,000 and re-budget fencing Canyon Meadows Phase 2.
Sanitation Fund – Revenues – Contribution from Fund Balance: An increase of $26,000 for additional garbage cans.
Sanitation Fund – Equipment Supplies: An increase of $26,000 for additional garbage cans.

The following changes have been made to the Consolidated Fee Schedule:

Page 18: Rates for the rental of the pickleball and basketball court at Canyon Meadows have been added.

Councilman Soderquist moved to approve Resolution 21-42: Final Budget Fiscal Year 2021-2022 with Consolidated Fee Schedule. Councilman Halverson seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

10. ARPA's Coronavirus Local Fiscal Recovery Fund Employee Premium Pay
City Manager David Larson explained the American Rescue Plan Act (ARPA) allocated money to be distributed by states to cities for Corona Virus relief. South Weber City received the first of two tranches in the amount of $463,697.50. The total will be $927,395. These funds are titled the Coronavirus Local Fiscal Recovery Fund. The United States Treasury Department has established the eligible uses of the funds. Some of the eligible expenses are 1) Premium Pay for employees, 2) Water and Sewer infrastructure, and 3) Cybersecurity upgrades. Staff

recommended that premium pay be the top priority. This is an opportunity for the City Council to recognize the essential work performed by city employees during the COVID-19 pandemic. Unlike the hazardous pay restrictions of the CARES Act, premium pay can be given retroactively to any employee who performed essential government functions during the pandemic. The recommendation is to pay city employees a premium pay for the period March 2, 2020 through February 28, 2021. This is one full year, 26 pay periods, and would be for actual hours worked.

David expressed the discussion and decision tonight centers on the City Council's desire to do a one-time recognition of city employees' dedication through the pandemic, and the hourly amount of that recognition. Staff recommendation is between $3 and $4 dollars per hour. The maximum allowed under the act is $13/hr. See table below:

Hourly Rate		Premium Pay	$927,395.00
$3.00		$153,176.79	17%
$3.50		$178,706.26	19%
$4.00		$198,829.92	21%
$5.00		$248,537.40	27%
$6.00		$298,244.88	32%
$7.00		$347,952.36	38%
$8.00		$397,659.84	43%
$9.00		$447,367.32	48%
$10.00		$497,074.80	54%
$11.00		$546,782.28	59%
$12.00		$596,489.76	64%
$13.00		$646,197.24	70%

David estimated cybersecurity would be approximately $10,000 per year. Finance Director Mark McRae discussed what the ARPA funds may be used for. Councilman Halverson opined this item needs to be a bigger discussion for the whole group. He proclaimed capital facility projects need to be reviewed. Councilman Winsor indicated there are deficiencies and a need for replacing multiple trunk lines. Councilwoman Alberts asked if funds could be used for high-speed internet. David confirmed they can. Councilwoman Alberts agreed with tabling until further information can be gathered. Councilwoman Petty asked if taxes are required to be paid on premium pay. David replied they are required, and they were calculated in the figures given. Councilwoman Petty concurred with taking more time to decide on projects that qualify for ARPA funds. She requested a list of items that qualify be provided to Council. She also suggested involving committees. Councilman Halverson expressed the complexity involved with these funds and offered his appreciation for staffs' efforts.

Councilman Halverson moved to table ARPA's Coronavirus Local Fiscal Recovery Fund Employee Premium Pay. Councilman Soderquist seconded the motion. Councilman Halverson moved to amend the motion to continue rather than table the item. Councilman Soderquist seconded the amended motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

City staff was directed to research how other cities are using these funds, compile a list of qualified city projects, and bring the information back to the City Council for review.

11. Fire Auxiliary Building Layout

Chief Tolman explained the civic building was given to the fire department in 2017. While the building has been used for storage, there have been issues with the civic building falling apart. The rear access to the station was part of the plan from the time of original construction. Multiple park general plans have shown rear access. The shortest access to the rear is along the north side of the station. The civic building will need to be removed because there is not room to get vehicles through. The department is currently driving through Central Park which is an extreme safety concern. Chief Tolman concluded there is a need for a new outbuilding for storage, rear building access, reserve vehicle storage, and for future growth.

Chief Tolman favored outbuilding option #1. David mentioned the reason this item is coming forward with a site plan is because there is a possibility layout will impact Central Park. The goal was to not affect the park at all, but in the end, it would not fit completely within the current fire area. Councilwoman Petty expressed appreciation for this discussion and recalled it was previously presented as a shed. She emphasized the difficulty of replacing any amenity in the park.

David reported the budget is for $125,000 and was progressing well but the building location became a concern. Councilman Winsor suggested going back to review other options. He communicated there is too much information that needs to be considered before a decision is made.

Councilwoman Alberts suggested items could be stored at the Public Works Department Building when it is erected. Chief Tolman responded that would be up to Mark Larsen. She wanted to use ARPA funds to help with the cost. She asked about the possibility of purchasing additional property. David pronounced it was discussed at one time, but it is cost prohibitive. Council wondered if the size could be diminished to fit on the current footprint. Cole Fessler clarified the dimensions of the building required to fit the vehicles. Councilwoman Alberts was concerned about removing trees, the stage, and the pavilion in Central Park. She recommended the city engineer review the specification and come up with other options.

Councilwoman Petty estimated $70,000 plus to replace the bowery. Discussion continued exploring options including the possibility of removing the baseball diamond. Councilman Halverson wondered which amenities are least used and whether they could be replaced in a different location. He admitted more research needs to be done.

Councilman Winsor moved to continue the discussion of the Fire Auxiliary Building Layout. Councilman Halverson seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

12. Canyon Meadows Park West Landscape Funding

City Manager David Larson reviewed during the May 25, 2021 City Council meeting, the City Council directed the Parks Committee to include within two years sod and sprinklers around the new basketball and pickleball courts as part of the Canyon Meadows Park West project.

The City has $190,000 budgeted this year to upgrade the field at Cherry Farms Park. The project only received one bid which far exceeded the budgeted amount. The thought was to rebid the project in the future at a better time of year to hopefully get more competitive bids; however, with priority to install sod & sprinklers at Canyon Meadows, the Parks Committee recommends using a portion of that money for a new ball field be shifted and used in Canyon Meadows Park. The Committee identified additional items that they feel cascade in importance that the money could also be used for and requires direction from the City Council on whether those projects should be moved up the priority list and funded now.

The list of items (in order of Committee preference) is as follows:

Canyon Meadows Park Landscape
Funding Discussion Information
City Council Meeting August 24, 2021

REVENUE			EXPENDITURE	
Total	**$190,000.00**		**Total**	**$190,000.00**
Cherry Farms Project PIF	$190,000.00		Cherry Farms Interim	$10,000.00
			Sod & Sprinklers	$135,000.00
			Bike Track -	$20,000.00
			Fencing	$15,000.00
			Trees	$10,000.00
Additional PIF for CO4	$21,000.00		Change Order #4 (CO4)	$21,000.00

CO4 description - larger electrical panel in better location & add conduit for future park needs

The Committee recommends funding items 1 and 2 now and is presenting items 3-5 as options. David announced he received information concerning a change order for $21,000 for a larger electrical panel at Canyon Meadows.

Councilwoman Petty reported she discussed options with Recreation Director Curtis Brown, and he preferred upgrading Cherry Farms Park for recreation purposes. She presented the possibility of xeriscaping Canyon Meadows Park where possible. Councilman Halverson understood the Council wants sod and sprinklers for Canyon Meadows Park and felt it was wise to move the budgeted funds for Cherry Farms Park ball diamond to Canyon Meadows Park.

Councilman Soderquist requested more detail concerning the change order. Some question arose as to its necessity. Councilwoman Petty summoned information on the change order. She expressed the Parks Committee reviewed all costs for Canyon Meadows Park and were anxious to get this park completed. Councilman Halverson was in favor of items 1-3. Councilman Winsor was unhappy about the change order and noted when the project was bid there was a contingency in place for change orders and questioned what happens with future change orders. David replied, at this point, the contingency is gone, and this becomes a budget conversation with the City Council.

Councilman Halverson moved to approve reallocating a portion of the Cherry Farms Park ball field budget as follows:

1. **Cherry Farms interim ball field work $10,000**
2. **Canyon Meadows Park West sod & sprinklers $135,000**
3. **Canyon Meadows Park West complete fencing $15,000**

Councilman Winsor seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

13. Resolution 21-43: Holiday Hours Policies and Procedures Manual Update

City Manager David Larson explained the Admin/Finance Committee discussed holiday pay in their most recent committee meeting and would like to bring forward for consideration a clarification of who is eligible to receive time and a half pay on holidays.

The holiday pay section of the employee manual specifically states that "all fulltime employees shall receive holiday pay for each of those days defined herein as legal holidays of the City." Later in that section it states, "Employees required to work on a legal City holiday shall receive…a wage at one and one-half times the straight-time rate for the hours worked on the holiday." Although it could be argued that no policy change is needed because the statement of "employees required to work…" could include part-time employees, staff felt a Council decision and clarification was appropriate due to the first sentence that outlines holiday pay is for full-time employees. Part-time employees that are required to work on City holidays regularly are within the Recreation, Crossing Guards, and Fire Departments. The total cost to pay these employees holiday pay would be approximately $6,500 annually.

The proposed change is:
Full-time employees required to work on a legal City holiday shall receive an equivalent amount of time off on an alternate day as approved by his or her Supervisor or receive a wage at one and one-half times the straight-time rate for the hours worked on the holiday. Part-time employees required to work on a legal City holiday shall receive a wage at one and one-half times the straight-time rate for the hours worked on the holiday.

Councilwoman Petty moved to approve Resolution 21-43: Holiday Hours Policies and Procedures Manual Update. Councilwoman Alberts seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

REPORTS

14. New Business: (None)

15. Council & Staff

Mayor Sjoblom: reported Central Weber Sewer District is looking into the financial aspects of expansion into West Weber. There is a lot of development in this area with an industrial park and additional residences. There is the possibility of installing a couple of lagoons to service the area. Early estimates are $20 million, but it is believed that ARPA funds will pay approximately $15 million.

ATC prop 1 funds can be used for trail maintenance. National transportation officials recently approved more than 500 miles expansion of bike routes in Utah from Idaho border to Arizona border.

Councilman Halverson: shared the Public Safety Committee met and UDOT did complete a speed study and did not recommend dropping the speed limit from 45 mph to 40 mph on South Weber Drive. He suggested David and Mayor Sjoblom follow up with UDOT requesting consistency with the speed limit. The committee also discussed reviewing the contract with Davis County Sheriff's Department which will need to be renewed next summer.

Councilwoman Alberts: divulged she attended the Restoration Advisory Board meeting in place of Councilman Halverson. OU 1, 2, & 4 are still in progress. OU 1 is shrinking according to their data. OU 4 is under investigation. They are looking at options to accelerate remediation. OU 15 is nearly complete. They are working on the air sampling program.

The Public Relations Committee met to discuss getting information on the tax increase to the public. They also discussed upcoming recreation, arts, and parks tax and benefits to the city and citizens. The candidate questions went out to City Council candidates. Meet the Candidate Night will take place sponsored by the League of Women Voter's. The city website is still underway and close to completion.

Councilman Soderquist: related the Admin/Finance Committee met and discussed Davis County Sheriff's Department which is looking at increasing their rates due to losing a lot of county work. He had been working with the gravel pit companies. There are 19 dust collection boxes throughout the city to help gather data.

Councilwoman Petty: voiced the Train Club Agreement will be discussed on the next agenda. The new Youth City Council will be sworn in at the September 14th City Council meeting.

Councilman Winsor: thanked the committees for their reports and updates, especially Councilman Soderquist's work with the gravel pits. The Planning Commission is requesting consistency with off-street parking. He asked if city staff should look into drafting an off-street parking ordinance. The Council agreed. There will be a work session on September 21st to discuss fiber options.

City Manager David Larson: elaborated on information he received from City Engineer Brandon Jones concerning the recent change order for Canyon Meadows Park. Park impact fees will be used to pay for the change order, and it is critical a decision be made tonight.

Councilman Halverson moved to reallocate $21,000 from park impact fees for Canyon Meadows Park for the larger electrical panel with the Parks Committee to review and approve the change order. Councilwoman Petty seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

City Recorder Lisa Smith: announced the public notice soliciting arguments for or against the proposed RAP tax is on city website with all the details for submission.

ADJOURN: Councilwoman Petty moved to adjourn the Council Meeting at 8:58 p.m. Councilwoman Alberts seconded the motion. Mayor Sjoblom called for the vote. Council Members Alberts, Halverson, Petty, Soderquist, and Winsor voted aye. The motion carried.

APPROVED: _____ **Date** 09-28-2021
Mayor: Jo Sjoblom

_____
Transcriber: Michelle Clark

_____
Attest: **City Recorder: Lisa Smith**

CC 2021-08-24 #1 Loveless

From: Lacee Loveless
To: Public Comment
Subject: Fire station
Date: Tuesday, August 24, 2021 10:25:34 AM

Mayor and City council Members, planning committee,

I am asking that you please consider the impact on our citizens, country fair days, the outrageous cost that will be impacted on our citizens if you allow the fire department to take away the pavilion and stage at Central Park. It is the heart of country fairdays. If you were at country fair days you saw it was already crowded enough as it is.

You have given them the civics center, gave them everything they asked for with covid relief money. We have a great fire department. We are a small city and do not need to continue to give give give to them.

Central Park is historic, it means a lot to this community. Please do not take away one of the best and most memorable places from our city.

Lacee Loveless
7475 jace lane.

Sent from Yahoo Mail for iPhone

From: Amy Mitchell
To: Public Comment
Subject: Public comment for 8.24.2021
Date: Tuesday, August 24, 2021 10:45:47 AM

Amy Mitchell
1923 Deer Run Drive

Dear Mayor and City Council Members-

Well, that was a crazy big packet! Thank you for all of the hard work and effort to put it all together. I am unable to attend tonight's meeting, but would like to share my input on a few things that stood out to me the most from the packet.

1. Hazzard Pay: I understand that the Federal Government is continuing to print money that can be handed out to every city across the country. As this money comes in, I would hope that our city would use it in the wisest ways possible. Paying our city employees "hazzard pay" does not seem to be the best way for it to be spent. Having lived through the pandemic for well over a year and a half, we see how truly un-hazzardous working during the pandemic has been. The city offices were closed to the public for much of that time and I just don't see how anyone was put in an extra amount of harm's way except those working the long hours in the hospital actually seeing covid patients! There are millions of other ways this money should be spent in our city.... possibly on any of our infrastructure needs.... such as water lines, sewer improvements, ect. I don't see that any employees, anywhere, should get back pay for a hazzard they really weren't put in.

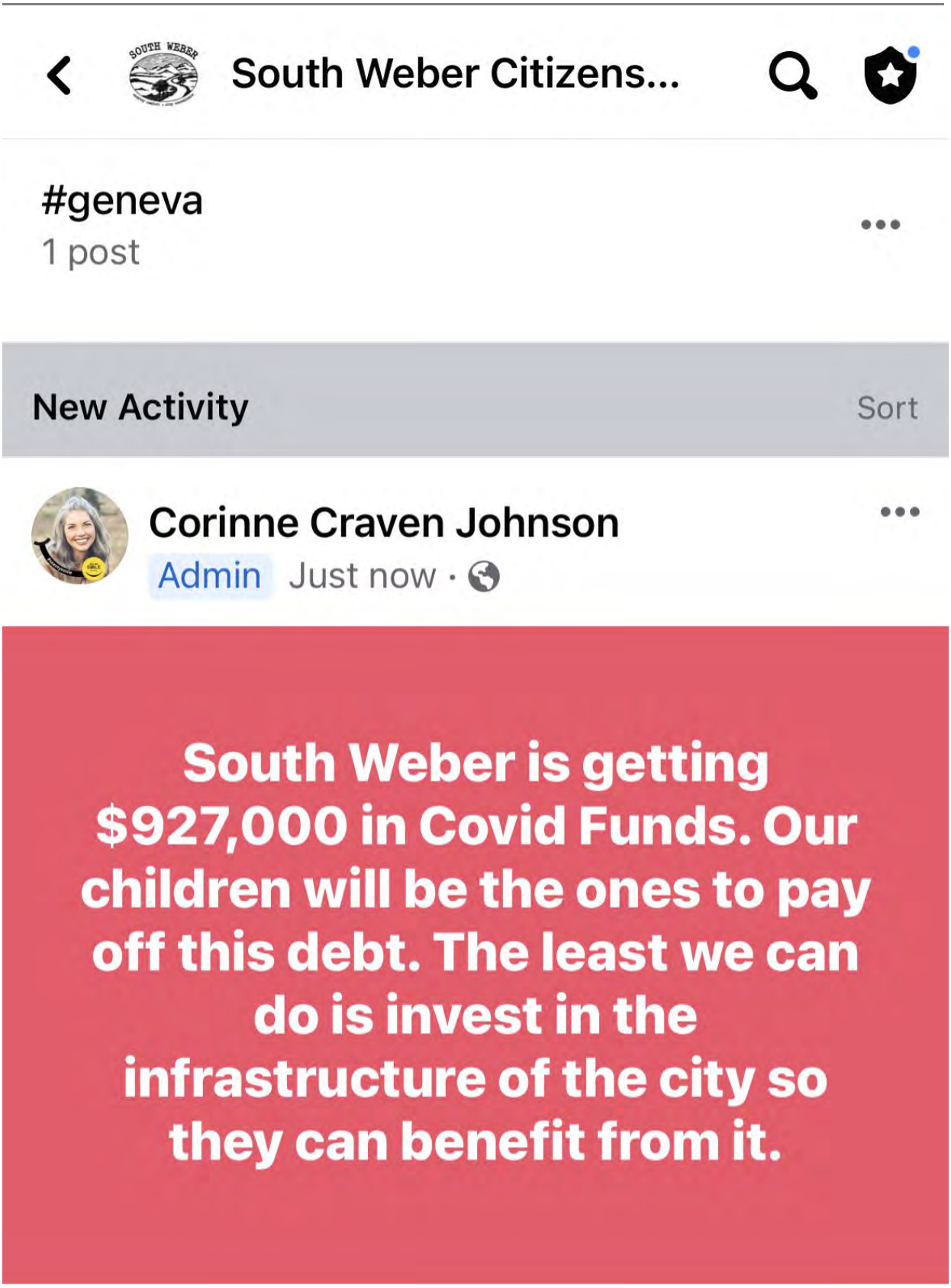
2. The Fire Department dream project: I am shocked at this proposal! I ask you all to table this for a further discussion. To spend even more money on our FD right now seems a little ridiculous. This seems to be a project that will never end! Maybe we should do more research in the community about how the citizens want to see this park reconfigured. There is no proposal on where to relocate the stage, just take it out or make it completely unusable! We just got through country fair days and we all saw how needed that park is and how much it gets used. Yes, it might just be one week a year, but it doesn't have to be! Maybe if that stage was fixed up a little and had a little money spent to improve it we could do some kind of summer concert series, farmers markets or something. We are a beautiful little city and we have so much to offer.... we should be capitalizing on it! Not tearing it down!!

3. Canyon Meadows Park: How much is too much? This park is way oversized and it doesn't seem like there will be an end to the amount of money that it will take to finish it! Rather than put in more grass and sprinklers... I would like to propose doing water wise plantings and xeroscaping more of the park. We have plenty of grass that needs to be maintained. It makes me heart sick to think that Cherry Farms will get pushed off yet again, so that money gets sent to Canyon Meadows. Maybe Cherry Farms doesn't need a crazy baseball diamond with dugouts (that we were promised), maybe we need it to just be cleaned up, add some good dirt and fencing. Let's work more efficiently within what we have. The last thing this city needs is more parks that need to be watered and mowed. Cherry farms is a sad little park and it seems to be the one that get's what is left over. Maybe this should also be brought to the citizens to see how they would like that money to be spent. If it was earmarked for Cherry Farms, use it there for something rather than nothing!

It seems to me that citizen committee's would be a huge help in making some of these choices. I'm sure there are plenty of citizens who would like to give input on many of these things.... if they were asked! Can I recommend that our city does a "town hall" to help us understand where we are at on some of these things?? The reasoning behind the expense. The more information, the better equipped we are to not only understand, but to give even more insight!

Thank you for your time,
Sincerely,
Amy Mitchell

From: Corinne
To: Public Comment
Subject: Public Comment Corinne Johnson 8020 S 2500 E
Date: Tuesday, August 24, 2021 11:54:04 AM



From: Gary B.
To: Public Comment
Subject: Canyon Meadows Park
Date: Tuesday, August 24, 2021 2:11:23 PM

Good afternoon,
I am happy to see the agenda item to fund landscaping at Canyon Meadows Park. It will be nice to see this completed.

Though the current plan is calling for sod and irrigation, given the current and possible future drought conditions, I hope you will look at low water options for these areas as well. Anything will be better than the dirt that is there now.

Additionally, I question the funding for a fence around the park. My home backs up to the park and for the past three years there was no fence until we fenced our yard this year. Many of my neighbors have done the same thing. Why is a fence now needed for the new section of the park when it wasn't needed for the first phase? I believe the funds for fencing could be diverted to the landscape at Canyon Meadows or Cherry Farms park.

Thanks to each of you for all you do. I appreciate your consideration of my comments, but understand you will do what is best for the community. That is what you are elected to do.

Thank you,
Gary Boatright
579 Peterson Parkway

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	TAXES					
10-31-100	CURRENT YEAR PROPERTY TAXES	.00	.00	933,000.00	933,000.00	.0
10-31-120	PRIOR YEAR PROPERTY TAXES	.00	.00	10,000.00	10,000.00	.0
10-31-200	FEE IN LIEU - VEHICLE REG	.00	.00	30,000.00	30,000.00	.0
10-31-300	SALES AND USE TAX	.00	.00	900,000.00	900,000.00	.0
10-31-305	TRANSPORTATION - LOCAL OPTION	.00	.00	.00	.00	.0
10-31-310	FRANCHISE/OTHER	(4,014.76)	(4,014.76)	412,000.00	416,014.76	(1.0)
	TOTAL TAXES	(4,014.76)	(4,014.76)	2,285,000.00	2,289,014.76	(.2)
	LICENSES AND PERMITS					
10-32-100	BUSINESS LICENSE AND PERMITS	100.00	100.00	8,000.00	7,900.00	1.3
10-32-210	BUILDING PERMITS	37,220.27	37,220.27	330,000.00	292,779.73	11.3
10-32-290	PLAN CHECK AND OTHER FEES	11,164.69	11,164.69	60,000.00	48,835.31	18.6
10-32-310	EXCAVATION PERMITS	94.00	94.00	.00	(94.00)	.0
	TOTAL LICENSES AND PERMITS	48,578.96	48,578.96	398,000.00	349,421.04	12.2
	INTERGOVERNMENTAL REVENUE					
10-33-400	STATE GRANTS	.00	.00	5,000.00	5,000.00	.0
10-33-500	FEDERAL GRANT REVENUE-CARES	.00	.00	50,000.00	50,000.00	.0
10-33-550	WILDLAND FIREFIGHTING	.00	.00	.00	.00	.0
10-33-560	CLASS "C" ROAD ALLOTMENT	.00	.00	100,000.00	100,000.00	.0
10-33-580	STATE LIQUOR FUND ALLOTMENT	.00	.00	7,000.00	7,000.00	.0
	TOTAL INTERGOVERNMENTAL REVENUE	.00	.00	162,000.00	162,000.00	.0
	CHARGES FOR SERVICES					
10-34-100	ZONING & SUBDIVISION FEES	2,516.80	2,516.80	10,000.00	7,483.20	25.2
10-34-105	SUBDIVISION REVIEW FEE	4,969.00	4,969.00	60,000.00	55,031.00	8.3
10-34-250	BLDG RENTAL/PARK USE (BOWERY)	170.00	170.00	.00	(170.00)	.0
10-34-254	AUDIT ADJUSTMENT TO SERVICES	.00	.00	.00	.00	.0
10-34-270	DEVELOPER PMTS FOR IMPROV.	.00	.00	30,000.00	30,000.00	.0
10-34-560	AMBULANCE SERVICE	2,018.43	2,018.43	70,000.00	67,981.57	2.9
10-34-760	YOUTH CITY COUNCIL	.00	.00	.00	.00	.0
10-34-910	ADMINISTRATIVE SERVICES CHARGE	.00	.00	202,000.00	202,000.00	.0
	TOTAL CHARGES FOR SERVICES	9,674.23	9,674.23	372,000.00	362,325.77	2.6

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	FINES AND FORFEITURES					
10-35-100	FINES	10,164.89	10,164.89	90,000.00	79,835.11	11.3
	TOTAL FINES AND FORFEITURES	10,164.89	10,164.89	90,000.00	79,835.11	11.3
	MISCELLANEOUS REVENUE					
10-36-100	INTEREST EARNINGS	3,506.24	3,506.24	10,000.00	6,493.76	35.1
10-36-300	NEWSLETTER SPONSORS	.00	.00	.00	.00	.0
10-36-400	SALE OF ASSETS	.00	.00	.00	.00	.0
10-36-900	SUNDRY REVENUES	381.00	381.00	30,500.00	30,119.00	1.3
10-36-901	FARMERS MARKET	.00	.00	.00	.00	.0
	TOTAL MISCELLANEOUS REVENUE	3,887.24	3,887.24	40,500.00	36,612.76	9.6
	CONTRIBUTIONS AND TRANSFERS					
10-39-091	TRANSFER FROM CAPITAL PROJECTS	.00	.00	.00	.00	.0
10-39-100	FIRE AGREEMENT/JOB CORPS	.00	.00	3,500.00	3,500.00	.0
10-39-110	FIRE AGREEMENT/COUNTY	3,580.00	3,580.00	1,000.00	(2,580.00)	358.0
10-39-800	TFR FROM IMPACT FEES	.00	.00	12,000.00	12,000.00	.0
10-39-900	FUND BALANCE TO BE APPROPRIATE	.00	.00	.00	.00	.0
10-39-910	TRANSFER FROM CLASS "C" RES.	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS AND TRANSFERS	3,580.00	3,580.00	16,500.00	12,920.00	21.7
	TOTAL FUND REVENUE	71,870.56	71,870.56	3,364,000.00	3,292,129.44	2.1

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LEGISLATIVE					
10-41-005	SALARIES - COUNCIL & COMMISSIO	2,000.00	2,000.00	28,000.00	26,000.00	7.1
10-41-131	EMPLOYEE BENEFIT-EMPLOYER FICA	153.00	153.00	2,200.00	2,047.00	7.0
10-41-133	EMPLOYEE BENEFIT - WORK. COMP.	83.19	83.19	700.00	616.81	11.9
10-41-140	UNIFORMS	.00	.00	300.00	300.00	.0
10-41-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	.00	.00	4,000.00	4,000.00	.0
10-41-230	TRAVEL & TRAINING	.00	.00	12,600.00	12,600.00	.0
10-41-240	OFFICE SUPPLIES AND EXPENSE	.00	.00	200.00	200.00	.0
10-41-370	PROFESSIONAL/TECHNICAL SERVICE	.00	.00	.00	.00	.0
10-41-494	YOUTH CITY COUNCIL	1,334.69	1,334.69	5,000.00	3,665.31	26.7
10-41-620	MISCELLANEOUS	800.00	800.00	4,000.00	3,200.00	20.0
10-41-740	EQUIPMENT	.00	.00	.00	.00	.0
10-41-925	TRANSFER TO COUNTRY FAIR DAYS	5,000.00	5,000.00	5,000.00	.00	100.0
	TOTAL LEGISLATIVE	9,370.88	9,370.88	62,000.00	52,629.12	15.1
	JUDICIAL					
10-42-004	JUDGE SALARY	1,137.28	1,137.28	15,000.00	13,862.72	7.6
10-42-110	EMPLOYEE SALARIES	2,535.24	2,535.24	35,000.00	32,464.76	7.2
10-42-130	EMPLOYEE BENEFIT - RETIREMENT	689.28	689.28	11,000.00	10,310.72	6.3
10-42-131	EMPLOYEE BENEFIT-EMPLOYER FICA	275.58	275.58	4,000.00	3,724.42	6.9
10-42-133	EMPLOYEE BENEFIT - WORK. COMP.	53.82	53.82	500.00	446.18	10.8
10-42-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-42-135	EMPLOYEE BENEFIT - HEALTH INS.	1,013.54	1,013.54	13,000.00	11,986.46	7.8
10-42-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	108.38	108.38	600.00	491.62	18.1
10-42-230	TRAVEL & TRAINING	.00	.00	3,100.00	3,100.00	.0
10-42-240	OFFICE SUPPLIES & EXPENSE	21.47	21.47	600.00	578.53	3.6
10-42-243	COURT REFUNDS	.00	.00	.00	.00	.0
10-42-280	TELEPHONE	40.00	40.00	500.00	460.00	8.0
10-42-313	PROFESSIONAL/TECH. - ATTORNEY	600.00	600.00	10,000.00	9,400.00	6.0
10-42-317	PROFESSIONAL/TECHNICAL-BAILIFF	.00	.00	4,000.00	4,000.00	.0
10-42-350	SOFTWARE MAINTENANCE	.00	.00	800.00	800.00	.0
10-42-550	BANKING CHARGES	.00	.00	600.00	600.00	.0
10-42-610	MISCELLANEOUS	39.80	39.80	1,300.00	1,260.20	3.1
10-42-740	EQUIPMENT	.00	.00	.00	.00	.0
	TOTAL JUDICIAL	6,514.39	6,514.39	100,000.00	93,485.61	6.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATIVE					
10-43-110	FULL-TIME EMPLOYEE SALARIES	26,339.19	26,339.19	325,000.00	298,660.81	8.1
10-43-120	PART-TIME EMPLOYEE SALARIES	5,493.73	5,493.73	73,000.00	67,506.27	7.5
10-43-125	EMPLOYEE INCENTIVE	.00	.00	.00	.00	.0
10-43-130	EMPLOYEE BENEFIT - RETIREMENT	5,133.66	5,133.66	84,000.00	78,866.34	6.1
10-43-131	EMPLOYEE BENEFIT-EMPLOYER FICA	2,422.11	2,422.11	31,000.00	28,577.89	7.8
10-43-133	EMPLOYEE BENEFIT - WORK. COMP.	522.54	522.54	3,200.00	2,677.46	16.3
10-43-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-43-135	EMPLOYEE BENEFIT - HEALTH INS.	5,708.01	5,708.01	68,000.00	62,291.99	8.4
10-43-136	HRA REIMBURSEMENT - HEALTH INS	.00	.00	3,500.00	3,500.00	.0
10-43-137	EMPLOYEE TESTING	17.95	17.95	.00	(17.95)	.0
10-43-140	UNIFORMS	.00	.00	1,000.00	1,000.00	.0
10-43-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	750.00	750.00	3,500.00	2,750.00	21.4
10-43-220	PUBLIC NOTICES	.00	.00	5,000.00	5,000.00	.0
10-43-230	TRAVEL & TRAINING	200.00	200.00	20,000.00	19,800.00	1.0
10-43-240	OFFICE SUPPLIES & EXPENSE	429.06	429.06	8,000.00	7,570.94	5.4
10-43-250	EQUIPMENT - SUPPLIES AND MAINT	189.54	189.54	5,500.00	5,310.46	3.5
10-43-252	EQUIPMENT MAINT. - CASELLE	.00	.00	.00	.00	.0
10-43-253	EQUIPMENT MAINT. - SOFTWARE	.00	.00	.00	.00	.0
10-43-256	FUEL EXPENSE	47.02	47.02	300.00	252.98	15.7
10-43-262	GENERAL GOVERNMENT BUILDINGS	863.17	863.17	7,500.00	6,636.83	11.5
10-43-270	UTILITIES	51.00	51.00	6,000.00	5,949.00	.9
10-43-280	TELEPHONE	1,082.83	1,082.83	18,000.00	16,917.17	6.0
10-43-308	PROFESSIONAL & TECH - I.T.	478.54	478.54	13,000.00	12,521.46	3.7
10-43-309	PROFESSIONAL & TECH - AUDITOR	.00	.00	12,000.00	12,000.00	.0
10-43-310	PROFESSIONAL/TECH. - PLANNER	.00	.00	.00	.00	.0
10-43-311	PRO & TECH - ECO DEVELOPMENT	.00	.00	.00	.00	.0
10-43-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	.00	.00	.0
10-43-313	PROFESSIONAL/TECH. - ATTORNEY	3,439.50	3,439.50	100,000.00	96,560.50	3.4
10-43-314	ORDINANCE CODIFICATION	2,452.00	2,452.00	3,000.00	548.00	81.7
10-43-316	ELECTIONS	.00	.00	17,500.00	17,500.00	.0
10-43-319	PROF./TECH. -SUBD. REVIEWS	.00	.00	.00	.00	.0
10-43-329	CITY MANAGER FUND	.00	.00	3,000.00	3,000.00	.0
10-43-350	SOFTWARE MAINTENANCE	4,154.17	4,154.17	26,000.00	21,845.83	16.0
10-43-510	INSURANCE & SURETY BONDS	45,773.29	45,773.29	44,000.00	(1,773.29)	104.0
10-43-550	BANKING CHARGES	.00	.00	1,000.00	1,000.00	.0
10-43-610	MISCELLANEOUS	.00	.00	1,000.00	1,000.00	.0
10-43-620	MISCELLANEOUS	.00	.00	.00	.00	.0
10-43-621	CONTRIBUTIONS & DONATIONS	.00	.00	.00	.00	.0
10-43-625	CASH OVER AND SHORT	.00	.00	.00	.00	.0
10-43-720	BUILDINGS	.00	.00	.00	.00	.0
10-43-740	EQUIPMENT	599.97	599.97	5,000.00	4,400.03	12.0
10-43-745	EQUIPMENT COSTING OVER $500	.00	.00	.00	.00	.0
10-43-841	TRANSFER TO RECREATION FUND	.00	.00	75,000.00	75,000.00	.0
10-43-910	TRANSFER TO CAP. PROJ. FUND	.00	.00	.00	.00	.0
	TOTAL ADMINISTRATIVE	106,147.28	106,147.28	963,000.00	856,852.72	11.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PUBLIC SAFETY					
10-54-310	SHERIFF'S DEPARTMENT	.00	.00	230,000.00	230,000.00	.0
10-54-311	ANIMAL CONTROL	1,741.63	1,741.63	22,000.00	20,258.37	7.9
10-54-320	EMERGENCY PREPAREDNESS	.00	.00	74,000.00	74,000.00	.0
10-54-321	LIQUOR LAW ENFORCEMENT	.00	.00	7,000.00	7,000.00	.0
	TOTAL PUBLIC SAFETY	1,741.63	1,741.63	333,000.00	331,258.37	.5
	FIRE PROTECTION					
10-57-110	FULL-TIME EMPLOYEE SALARIES	.00	.00	.00	.00	.0
10-57-120	PART-TIME EMPLOYEE SALARIES	34,849.09	34,849.09	510,000.00	475,150.91	6.8
10-57-131	EMPLOYEE BENEFIT-EMPLOYER FICA	2,669.79	2,669.79	39,000.00	36,330.21	6.9
10-57-133	EMPLOYEE BENEFIT - WORK. COMP.	2,510.63	2,510.63	20,000.00	17,489.37	12.6
10-57-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-57-137	EMPLOYEE TESTING	17.95	17.95	1,000.00	982.05	1.8
10-57-140	UNIFORMS	.00	.00	8,500.00	8,500.00	.0
10-57-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	.00	.00	1,000.00	1,000.00	.0
10-57-230	TRAVEL & TRAINING	.00	.00	8,500.00	8,500.00	.0
10-57-240	OFFICE SUPPLIES & EXPENSE	.00	.00	2,500.00	2,500.00	.0
10-57-250	EQUIPMENT SUPPLIES & MAINT.	5,330.41	5,330.41	24,000.00	18,669.59	22.2
10-57-256	FUEL EXPENSE	642.51	642.51	4,000.00	3,357.49	16.1
10-57-260	BUILDINGS & GROUNDS MAINT.	2,240.00	2,240.00	16,000.00	13,760.00	14.0
10-57-270	UTILITIES	.00	.00	7,000.00	7,000.00	.0
10-57-280	TELEPHONE	424.37	424.37	9,000.00	8,575.63	4.7
10-57-350	SOFTWARE MAINTENANCE	.00	.00	8,500.00	8,500.00	.0
10-57-370	PROFESSIONAL & TECH. SERVICES	822.07	822.07	18,000.00	17,177.93	4.6
10-57-375	PARAMEDIC SERVICES	.00	.00	.00	.00	.0
10-57-450	SPECIAL PUBLIC SAFETY SUPPLIES	2,702.82	2,702.82	30,000.00	27,297.18	9.0
10-57-530	INTEREST EXPENSE	2,448.99	2,448.99	5,000.00	2,551.01	49.0
10-57-550	BANKING CHARGES	.00	.00	500.00	500.00	.0
10-57-622	HEALTH & WELLNESS EXPENSES	.00	.00	1,500.00	1,500.00	.0
10-57-740	EQUIPMENT	.00	.00	10,000.00	10,000.00	.0
10-57-745	EQUIPMENT COSTING OVER $500	.00	.00	.00	.00	.0
10-57-811	BOND PRINCIPAL	.00	.00	27,000.00	27,000.00	.0
	TOTAL FIRE PROTECTION	54,658.63	54,658.63	751,000.00	696,341.37	7.3

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	COMMUNITY SERVICES					
10-58-004	SUPERVISOR SALARIES	.00	.00	.00	.00	.0
10-58-110	FULL-TIME EMPLOYEE SALARIES	11,788.69	11,788.69	160,000.00	148,211.31	7.4
10-58-120	PART-TIME EMPLOYEE SALARIES	.00	.00	35,000.00	35,000.00	.0
10-58-130	EMPLOYEE BENEFIT - RETIREMENT	2,014.81	2,014.81	40,000.00	37,985.19	5.0
10-58-131	EMPLOYEE BENEFIT-EMPLOYER FICA	760.17	760.17	15,000.00	14,239.83	5.1
10-58-132	EMPLOYEE BENEFIT - 401K PLAN	.00	.00	.00	.00	.0
10-58-133	EMPLOYEE BENEFIT - WORK. COMP.	280.63	280.63	3,000.00	2,719.37	9.4
10-58-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-58-135	EMPLOYEE BENEFIT - HEALTH INS.	2,858.76	2,858.76	35,000.00	32,141.24	8.2
10-58-137	EMPLOYEE TESTING	.00	.00	.00	.00	.0
10-58-140	UNIFORMS	122.97	122.97	1,200.00	1,077.03	10.3
10-58-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	.00	.00	500.00	500.00	.0
10-58-230	TRAVEL & TRAINING	.00	.00	11,500.00	11,500.00	.0
10-58-250	EQUIPMENT SUPPLIES & MAINT.	260.37	260.37	4,000.00	3,739.63	6.5
10-58-255	VEHICLE LEASE	.00	.00	.00	.00	.0
10-58-256	FUEL EXPENSE	86.13	86.13	1,000.00	913.87	8.6
10-58-280	TELEPHONE	124.24	124.24	1,800.00	1,675.76	6.9
10-58-310	PROFESSIONAL & TCH. - PLANNER	.00	.00	.00	.00	.0
10-58-311	PROFESSIONAL & TECH - ECODEV	.00	.00	.00	.00	.0
10-58-312	PROFESSIONAL & TECH. - ENGINR	1,573.00	1,573.00	60,000.00	58,427.00	2.6
10-58-319	PROF./TECH. -SUBD. REVIEWS	4,349.75	4,349.75	60,000.00	55,650.25	7.3
10-58-325	PROFESSIONAL/TECHICAL - MAPS/G	255.00	255.00	15,000.00	14,745.00	1.7
10-58-326	PROF. & TECH. - INSPECTIONS	.00	.00	40,000.00	40,000.00	.0
10-58-350	SOFTWARE MAINTENANCE	.00	.00	13,000.00	13,000.00	.0
10-58-370	PROFESSIONAL & TECH. SERVICES	.00	.00	.00	.00	.0
10-58-620	MISCELLANEOUS	.00	.00	.00	.00	.0
10-58-740	EQUIPMENT	.00	.00	.00	.00	.0
	TOTAL COMMUNITY SERVICES	24,474.52	24,474.52	496,000.00	471,525.48	4.9

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	STREETS					
10-60-110	FULL-TIME EMPLOYEE SALARIES	3,317.73	3,317.73	59,000.00	55,682.27	5.6
10-60-120	PART-TIME EMPLOYEE SALARIES	.00	.00	24,000.00	24,000.00	.0
10-60-130	EMPLOYEE BENEFIT - RETIREMENT	692.95	692.95	13,000.00	12,307.05	5.3
10-60-131	EMPLOYEE BENEFIT-EMPLOYER FICA	246.80	246.80	6,400.00	6,153.20	3.9
10-60-133	EMPLOYEE BENEFIT - WORK. COMP.	149.56	149.56	2,400.00	2,250.44	6.2
10-60-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-60-135	EMPLOYEE BENEFIT - HEALTH INS.	329.09	329.09	10,000.00	9,670.91	3.3
10-60-137	EMPLOYEE TESTING	.00	.00	400.00	400.00	.0
10-60-140	UNIFORMS	122.97	122.97	800.00	677.03	15.4
10-60-230	TRAVEL & TRAINING	.00	.00	2,000.00	2,000.00	.0
10-60-250	EQUIPMENT SUPPLIES & MAINT.	59.92	59.92	6,000.00	5,940.08	1.0
10-60-255	VEHICLE LEASE	.00	.00	.00	.00	.0
10-60-256	FUEL EXPENSE	126.20	126.20	4,600.00	4,473.80	2.7
10-60-260	BUILDINGS & GROUNDS MAINT.	21.61	21.61	5,000.00	4,978.39	.4
10-60-271	UTILITIES - STREET LIGHTS	.00	.00	60,000.00	60,000.00	.0
10-60-280	TELEPHONE	38.68	38.68	.00	(38.68)	.0
10-60-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	20,000.00	20,000.00	.0
10-60-325	PROFESSIONAL/TECHICAL - MAPS/G	.00	.00	10,000.00	10,000.00	.0
10-60-350	SOFTWARE MAINTENANCE	.00	.00	3,000.00	3,000.00	.0
10-60-370	PROFESSIONAL & TECH. SERVICES	.00	.00	500.00	500.00	.0
10-60-410	SPECIAL HIGHWAY SUPPLIES	.00	.00	15,000.00	15,000.00	.0
10-60-411	SNOW REMOVAL SUPPLIES	.00	.00	35,000.00	35,000.00	.0
10-60-415	MAILBOXES & STREET SIGNS	726.01	726.01	10,000.00	9,273.99	7.3
10-60-416	STREET LIGHTS	606.75	606.75	20,000.00	19,393.25	3.0
10-60-420	WEED CONTROL	.00	.00	1,500.00	1,500.00	.0
10-60-422	CROSSWALK/STREET PAINTING	.00	.00	5,000.00	5,000.00	.0
10-60-424	CURB & GUTTER RESTORATION	.00	.00	.00	.00	.0
10-60-550	BANKING CHARGES	.00	.00	400.00	400.00	.0
	TOTAL STREETS	6,438.27	6,438.27	314,000.00	307,561.73	2.1

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PARKS					
10-70-110	FULL-TIME EMPLOYEE SALARIES	8,795.48	8,795.48	108,000.00	99,204.52	8.1
10-70-120	PART-TIME EMPLOYEE SALARIES	1,201.20	1,201.20	14,000.00	12,798.80	8.6
10-70-130	EMPLOYEE BENEFIT - RETIREMENT	1,721.85	1,721.85	22,000.00	20,278.15	7.8
10-70-131	EMPLOYEE BENEFIT-EMPLOYER FICA	781.28	781.28	10,000.00	9,218.72	7.8
10-70-133	EMPLOYEE BENEFIT - WORK. COMP.	432.67	432.67	4,000.00	3,567.33	10.8
10-70-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
10-70-135	EMPLOYEE BENEFIT - HEALTH INS.	2,581.01	2,581.01	60,000.00	57,418.99	4.3
10-70-137	EMPLOYEE TESTING	.00	.00	400.00	400.00	.0
10-70-140	UNIFORMS	245.85	245.85	2,700.00	2,454.15	9.1
10-70-230	TRAVEL & TRAINING	.00	.00	4,000.00	4,000.00	.0
10-70-250	EQUIPMENT SUPPLIES & MAINT.	964.55	964.55	15,000.00	14,035.45	6.4
10-70-255	VEHICLE LEASE	.00	.00	.00	.00	.0
10-70-256	FUEL EXPENSE	165.06	165.06	5,000.00	4,834.94	3.3
10-70-260	BUILDINGS & GROUNDS MAINT.	.00	.00	5,000.00	5,000.00	.0
10-70-261	GROUNDS SUPPLIES & MAINTENANCE	888.90	888.90	39,000.00	38,111.10	2.3
10-70-270	UTILITIES	.00	.00	8,000.00	8,000.00	.0
10-70-280	TELEPHONE	116.64	116.64	1,600.00	1,483.36	7.3
10-70-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	20,000.00	20,000.00	.0
10-70-350	SOFTWARE MAINTENANCE	.00	.00	1,000.00	1,000.00	.0
10-70-430	TRAILS/ TREES	.00	.00	.00	.00	.0
10-70-435	SAFETY INCENTIVE PROGRAM	.00	.00	.00	.00	.0
10-70-550	BANKING CHARGES	.00	.00	300.00	300.00	.0
10-70-626	UTA PARK AND RIDE	46.26	46.26	15,000.00	14,953.74	.3
10-70-730	IMPROVEMENTS OTHER THAN BLDGS	.00	.00	.00	.00	.0
10-70-740	EQUIPMENT	.00	.00	10,000.00	10,000.00	.0
	TOTAL PARKS	17,940.75	17,940.75	345,000.00	327,059.25	5.2
	TOTAL FUND EXPENDITURES	227,286.35	227,286.35	3,364,000.00	3,136,713.65	6.8
	NET REVENUE OVER EXPENDITURES	(155,415.79)	(155,415.79)	.00	155,415.79	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

RECREATION FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	RECREATION REVENUE					
20-34-720	RENTAL - ACTIVITY CENTER	1,280.00	1,280.00	9,000.00	7,720.00	14.2
20-34-751	MEMBERSHIP FEES	1,300.00	1,300.00	19,000.00	17,700.00	6.8
20-34-752	COMPETITION LEAGUE FEES	.00	.00	21,000.00	21,000.00	.0
20-34-753	MISC REVENUE	.00	.00	1,000.00	1,000.00	.0
20-34-754	COMPETITION BASEBALL	.00	.00	500.00	500.00	.0
20-34-755	BASKETBALL	.00	.00	13,000.00	13,000.00	.0
20-34-756	BASEBALL & SOFTBALL	.00	.00	7,500.00	7,500.00	.0
20-34-757	SOCCER	3,120.00	3,120.00	8,000.00	4,880.00	39.0
20-34-758	FLAG FOOTBALL	1,440.00	1,440.00	3,500.00	2,060.00	41.1
20-34-759	VOLLEYBALL	595.00	595.00	1,500.00	905.00	39.7
20-34-760	WRESTLING	.00	.00	2,000.00	2,000.00	.0
20-34-811	SALES TAX BOND PMT-RESTRICTED	.00	.00	.00	.00	.0
20-34-841	GRAVEL PIT FEES	.00	.00	70,000.00	70,000.00	.0
	TOTAL RECREATION REVENUE	7,735.00	7,735.00	156,000.00	148,265.00	5.0
	SOURCE 36					
20-36-895	RENTAL OF UNIFORMS AND EQUIP	.00	.00	.00	.00	.0
	TOTAL SOURCE 36	.00	.00	.00	.00	.0
	SOURCE 37					
20-37-100	INTEREST EARNINGS	.00	.00	4,000.00	4,000.00	.0
	TOTAL SOURCE 37	.00	.00	4,000.00	4,000.00	.0
	CONTRIBUTIONS & TRANSFERS					
20-39-091	TRANSFER FROM CAPITAL PROJECTS	.00	.00	.00	.00	.0
20-39-470	TRANSFER FROM OTHER FUNDS	.00	.00	75,000.00	75,000.00	.0
20-39-800	TRANSFER FROM IMPACT FEE FUND	.00	.00	66,000.00	66,000.00	.0
20-39-900	FUND BALANCE TO BE APPROPRIATE	.00	.00	9,000.00	9,000.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	150,000.00	150,000.00	.0
	TOTAL FUND REVENUE	7,735.00	7,735.00	310,000.00	302,265.00	2.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

RECREATION FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	RECREATION EXPENDITURES					
20-71-110	FULL-TIME EMPLOYEE SALARIES	3,972.80	3,972.80	55,000.00	51,027.20	7.2
20-71-120	PART-TIME EMPLOYEE SALARIES	3,539.45	3,539.45	45,000.00	41,460.55	7.9
20-71-130	EMPLOYEE BENEFIT - RETIREMENT	782.64	782.64	11,000.00	10,217.36	7.1
20-71-131	EMPLOYEE BENEFIT-EMPLOYER FICA	604.50	604.50	7,600.00	6,995.50	8.0
20-71-133	EMPLOYEE BENEFIT - WORK. COMP.	261.33	261.33	2,000.00	1,738.67	13.1
20-71-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
20-71-135	EMPLOYEE BENEFIT - HEALTH INS.	541.32	541.32	11,000.00	10,458.68	4.9
20-71-137	EMPLOYEE TESTING	.00	.00	500.00	500.00	.0
20-71-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	3,800.00	3,800.00	.00	(3,800.00)	.0
20-71-230	TRAVEL & TRAINING	.00	.00	1,500.00	1,500.00	.0
20-71-240	OFFICE SUPPLIES AND EXPENSE	118.80	118.80	1,100.00	981.20	10.8
20-71-241	MATERIALS & SUPPLIES	193.62	193.62	2,000.00	1,806.38	9.7
20-71-250	EQUIPMENT SUPPLIES & MAINT.	2,226.66	2,226.66	1,000.00	(1,226.66)	222.7
20-71-256	FUEL EXPENSE	.00	.00	200.00	200.00	.0
20-71-262	GENERAL GOVERNMENT BUILDINGS	.00	.00	2,000.00	2,000.00	.0
20-71-270	UTILITIES	.00	.00	6,000.00	6,000.00	.0
20-71-280	TELEPHONE	.00	.00	4,000.00	4,000.00	.0
20-71-331	PROMOTIONS	.00	.00	3,500.00	3,500.00	.0
20-71-340	PROGRAM OFFICIALS	.00	.00	.00	.00	.0
20-71-350	SOFTWARE MAINTENANCE	.00	.00	800.00	800.00	.0
20-71-370	PROFESSIONAL/TECHNICAL SERVICE	.00	.00	.00	.00	.0
20-71-480	REC BASKETBALL	89.25	89.25	11,000.00	10,910.75	.8
20-71-481	BASEBALL & SOFTBALL	63.75	63.75	7,000.00	6,936.25	.9
20-71-482	SOCCER	.00	.00	4,500.00	4,500.00	.0
20-71-483	FLAG FOOTBALL	.00	.00	2,500.00	2,500.00	.0
20-71-484	VOLLEYBALL	.00	.00	1,500.00	1,500.00	.0
20-71-485	SUMMER FUN	.00	.00	2,000.00	2,000.00	.0
20-71-486	SR LUNCHEON	.00	.00	1,500.00	1,500.00	.0
20-71-488	COMPETITION BASKETBALL	.00	.00	9,000.00	9,000.00	.0
20-71-489	COMPETITION BASEBALL	.00	.00	300.00	300.00	.0
20-71-491	FLY FISHING	.00	.00	.00	.00	.0
20-71-492	WRESTLING	.00	.00	2,000.00	2,000.00	.0
20-71-510	INSURANCE & SURETY BONDS	.00	.00	.00	.00	.0
20-71-530	INTEREST EXPENSE	6,297.41	6,297.41	12,600.00	6,302.59	50.0
20-71-550	BANKING CHARGES	.00	.00	800.00	800.00	.0
20-71-610	MISCELLANEOUS	.00	.00	700.00	700.00	.0
20-71-625	CASH OVER AND SHORT	.00	.00	.00	.00	.0
20-71-740	EQUIPMENT	.00	.00	7,000.00	7,000.00	.0
20-71-811	BOND PRINCIPAL	.00	.00	68,400.00	68,400.00	.0
20-71-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
20-71-915	TRANSFER TO ADMIN. SERVICES	.00	.00	25,000.00	25,000.00	.0
	TOTAL RECREATION EXPENDITURES	22,491.53	22,491.53	310,000.00	287,508.47	7.3
	TOTAL FUND EXPENDITURES	22,491.53	22,491.53	310,000.00	287,508.47	7.3
	NET REVENUE OVER EXPENDITURES	(14,756.53)	(14,756.53)	.00	14,756.53	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SEWER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
21-37-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
21-37-200	IMPACT FEES	26,397.00	26,397.00	400,000.00	373,603.00	6.6
	TOTAL REVENUE	26,397.00	26,397.00	400,000.00	373,603.00	6.6
	CONTRIBUTIONS & TRANSFERS					
21-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	26,397.00	26,397.00	400,000.00	373,603.00	6.6

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SEWER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
21-40-760	SEWER IMPACT FEE PROJECTS	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	.00	.00	.0
	DEPARTMENT 80					
21-80-800	TRANSFERS	.00	.00	400,000.00	400,000.00	.0
	TOTAL DEPARTMENT 80	.00	.00	400,000.00	400,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	400,000.00	400,000.00	.0
	NET REVENUE OVER EXPENDITURES	26,397.00	26,397.00	.00	(26,397.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

STORM SEWER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
22-37-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
22-37-200	IMPACT FEES	5,985.00	5,985.00	40,000.00	34,015.00	15.0
	TOTAL REVENUE	5,985.00	5,985.00	40,000.00	34,015.00	15.0
	CONTRIBUTIONS & TRANSFERS					
22-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	5,985.00	5,985.00	40,000.00	34,015.00	15.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

STORM SEWER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
22-40-760	PROJECTS	.00	.00	.00	.00	.0
22-40-799	FACILITIES	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	.00	.00	.0
	DEPARTMENT 80					
22-80-800	TRANSFERS	.00	.00	40,000.00	40,000.00	.0
	TOTAL DEPARTMENT 80	.00	.00	40,000.00	40,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	40,000.00	40,000.00	.0
	NET REVENUE OVER EXPENDITURES	5,985.00	5,985.00	.00	(5,985.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

PARK IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
23-37-100	INTEREST EARNINGS	.00	.00	1,000.00	1,000.00	.0
23-37-200	IMPACT FEES	18,864.00	18,864.00	165,000.00	146,136.00	11.4
	TOTAL REVENUE	18,864.00	18,864.00	166,000.00	147,136.00	11.4
	CONTRIBUTIONS & TRANSFERS					
23-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	777,000.00	777,000.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	777,000.00	777,000.00	.0
	TOTAL FUND REVENUE	18,864.00	18,864.00	943,000.00	924,136.00	2.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

PARK IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
23-40-760	PROJECTS	.00	.00	943,000.00	943,000.00	.0
23-40-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	943,000.00	943,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	943,000.00	943,000.00	.0
	NET REVENUE OVER EXPENDITURES	18,864.00	18,864.00	.00	(18,864.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

ROAD IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
24-37-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
24-37-200	IMPACT FEES	16,120.89	16,120.89	140,000.00	123,879.11	11.5
	TOTAL REVENUE	16,120.89	16,120.89	140,000.00	123,879.11	11.5
	CONTRIBUTIONS & TRANSFERS					
24-39-500	CONTRIBUTION FROM FUND BAL	.00	.00	.00	.00	.0
24-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	16,120.89	16,120.89	140,000.00	123,879.11	11.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

ROAD IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
24-40-760	PROJECTS	.00	.00	140,000.00	140,000.00	.0
24-40-799	FACILITIES	.00	.00	.00	.00	.0
24-40-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	140,000.00	140,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	140,000.00	140,000.00	.0
	NET REVENUE OVER EXPENDITURES	16,120.89	16,120.89	.00	(16,120.89)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

COUNTRY FAIR DAYS FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
25-37-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
	TOTAL SOURCE 37	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	.00	.00	.00	.00	.0
	NET REVENUE OVER EXPENDITURES	.00	.00	.00	.00	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

WATER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
26-37-100	INTEREST EARNINGS	.00	.00	1,000.00	1,000.00	.0
26-37-200	IMPACT FEES	11,646.00	11,646.00	120,000.00	108,354.00	9.7
	TOTAL REVENUE	11,646.00	11,646.00	121,000.00	109,354.00	9.6
	CONTRIBUTIONS & TRANSFERS					
26-39-900	FND BALANCE TO BE APPROPRIATED	.00	.00	4,000.00	4,000.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	4,000.00	4,000.00	.0
	TOTAL FUND REVENUE	11,646.00	11,646.00	125,000.00	113,354.00	9.3

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

WATER IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DEPARTMENT 40					
26-40-760	PROJECTS	.00	.00	.00	.00	.0
26-40-799	FACILITIES	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 40	.00	.00	.00	.00	.0
	TRANSFERS					
26-80-800	TRANSFERS	.00	.00	95,000.00	95,000.00	.0
26-80-900	CONTRIBUTION TO FUND BALANCE	.00	.00	30,000.00	30,000.00	.0
	TOTAL TRANSFERS	.00	.00	125,000.00	125,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	125,000.00	125,000.00	.0
	NET REVENUE OVER EXPENDITURES	11,646.00	11,646.00	.00	(11,646.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

RECREATION IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
27-37-100	INTEREST EARNINGS	.00	.00	1,000.00	1,000.00	.0
27-37-200	IMPACT FEES	7,506.00	7,506.00	65,000.00	57,494.00	11.6
	TOTAL REVENUE	7,506.00	7,506.00	66,000.00	58,494.00	11.4
	CONTRIBUTIONS & TRANSFERS					
27-39-470	TRANSFER FROM OTHER FUNDS	.00	.00	.00	.00	.0
27-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	7,506.00	7,506.00	66,000.00	58,494.00	11.4

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

RECREATION IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
27-40-760	PROJECTS	.00	.00	.00	.00	.0
27-40-799	FACILITIES	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	.00	.00	.0
	DEPARTMENT 80					
27-80-800	TRANSFERS	.00	.00	66,000.00	66,000.00	.0
	TOTAL DEPARTMENT 80	.00	.00	66,000.00	66,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	66,000.00	66,000.00	.0
	NET REVENUE OVER EXPENDITURES	7,506.00	7,506.00	.00	(7,506.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

PUBLIC SAFETY IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUE					
29-37-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
29-37-200	IMPACT FEES	1,134.00	1,134.00	12,000.00	10,866.00	9.5
	TOTAL REVENUE	1,134.00	1,134.00	12,000.00	10,866.00	9.5
	CONTRIBUTIONS & TRANSFERS					
29-39-470	TRANSFER FROM OTHER FUNDS	.00	.00	.00	.00	.0
29-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS & TRANSFERS	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	1,134.00	1,134.00	12,000.00	10,866.00	9.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

PUBLIC SAFETY IMPACT FEE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
29-40-760	PROJECTS	.00	.00	.00	.00	.0
29-40-799	FACILITIES	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	.00	.00	.00	.00	.0
	DEPARTMENT 80					
29-80-800	TRANSFERS	.00	.00	12,000.00	12,000.00	.0
	TOTAL DEPARTMENT 80	.00	.00	12,000.00	12,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	12,000.00	12,000.00	.0
	NET REVENUE OVER EXPENDITURES	1,134.00	1,134.00	.00	(1,134.00)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

CAPITAL PROJECTS FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SOURCE 31					
45-31-300	SALES AND USE TAX	.00	.00	200,000.00	200,000.00	.0
	TOTAL SOURCE 31	.00	.00	200,000.00	200,000.00	.0
	INTERGOVERNMENTAL REVENUE					
45-33-400	STATE GRANTS	.00	.00	.00	.00	.0
45-33-500	FEDERAL GRANT - CARES ACT	.00	.00	.00	.00	.0
	TOTAL INTERGOVERNMENTAL REVENUE	.00	.00	.00	.00	.0
	CHARGES FOR SERVICES					
45-34-270	DEVELOPER PMTS FOR IMPROV.	.00	.00	.00	.00	.0
45-34-435	DONATIONS - CMP RAIL ROAD	.00	.00	.00	.00	.0
45-34-440	CONTRIBUTIONS	.00	.00	.00	.00	.0
45-34-445	CONTRIBUTIONS - RESTRICTED	.00	.00	.00	.00	.0
	TOTAL CHARGES FOR SERVICES	.00	.00	.00	.00	.0
	MISCELLANEOUS REVENUE					
45-36-100	INTEREST EARNINGS	.00	.00	5,000.00	5,000.00	.0
45-36-110	SALE OF PROPERTY	.00	.00	.00	.00	.0
	TOTAL MISCELLANEOUS REVENUE	.00	.00	5,000.00	5,000.00	.0
	CONTRIBUTIONS AND TRANSFERS					
45-39-380	FUND SURPLUS-UNRESTRICTED	.00	.00	.00	.00	.0
45-39-470	TRANSFER FROM OTHER FUNDS	.00	.00	.00	.00	.0
45-39-500	FUND BALANCE TO BE APPROPRIATE	.00	.00	.00	.00	.0
45-39-800	TRANSFER FROM IMPACT FEES	.00	.00	1,083,000.00	1,083,000.00	.0
45-39-810	TRANSFER FROM CLASS "C"	.00	.00	.00	.00	.0
45-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	632,000.00	632,000.00	.0
	TOTAL CONTRIBUTIONS AND TRANSFERS	.00	.00	1,715,000.00	1,715,000.00	.0
	TOTAL FUND REVENUE	.00	.00	1,920,000.00	1,920,000.00	.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

CAPITAL PROJECTS FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
45-43-730	ADMIN - IMPROV OTHER THAN BLDG	.00	.00	50,000.00	50,000.00	.0
45-43-740	EQUIPMENT	.00	.00	26,000.00	26,000.00	.0
	TOTAL DEPARTMENT 43	.00	.00	76,000.00	76,000.00	.0
	DEPARTMENT 57					
45-57-720	BUILDINGS	.00	.00	.00	.00	.0
45-57-730	IMPROV. OTHER THAN BLDGS.	.00	.00	125,000.00	125,000.00	.0
45-57-740	EQUIPMENT	.00	.00	115,000.00	115,000.00	.0
	TOTAL DEPARTMENT 57	.00	.00	240,000.00	240,000.00	.0
	DEPARTMENT 58					
45-58-740	EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
	TOTAL DEPARTMENT 58	.00	.00	5,000.00	5,000.00	.0
	DEPARTMENT 60					
45-60-710	LAND	.00	.00	.00	.00	.0
45-60-720	1040BUILDINGS	.00	.00	.00	.00	.0
45-60-730	STREETS-IMP OTHER THAN BLDG	2,494.75	2,494.75	240,000.00	237,505.25	1.0
45-60-740	EQUIPMENT	.00	.00	77,000.00	77,000.00	.0
	TOTAL DEPARTMENT 60	2,494.75	2,494.75	317,000.00	314,505.25	.8
	DEPARTMENT 70					
45-70-710	LAND	.00	.00	.00	.00	.0
45-70-730	IMPROVEMENTS OTHER THAN BLDGS	202,190.62	202,190.62	1,244,000.00	1,041,809.38	16.3
45-70-740	EQUIPMENT	.00	.00	38,000.00	38,000.00	.0
	TOTAL DEPARTMENT 70	202,190.62	202,190.62	1,282,000.00	1,079,809.38	15.8
	DEPARTMENT 90					
45-90-850	TRANSFER TO TRANS. UTIL. FUND	.00	.00	.00	.00	.0
45-90-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 90	.00	.00	.00	.00	.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

CAPITAL PROJECTS FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	204,685.37	204,685.37	1,920,000.00	1,715,314.63	10.7
NET REVENUE OVER EXPENDITURES	(204,685.37)	(204,685.37)	.00	204,685.37	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

WATER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	INTERGOVERNMENTAL REVENUE					
51-33-500	FEDERAL GRANT - CARES ACT	.00	.00	.00	.00	.0
	TOTAL INTERGOVERNMENTAL REVENUE	.00	.00	.00	.00	.0
	SOURCE 34					
51-34-270	DEVELOPER PMTS FOR IMPROVMNTS	.00	.00	.00	.00	.0
	TOTAL SOURCE 34	.00	.00	.00	.00	.0
	MISCELLANEOUS REVENUE					
51-36-100	INTEREST EARNINGS	.00	.00	25,000.00	25,000.00	.0
51-36-300	MISC UTILITY REVENUE	5.00	5.00	.00	(5.00)	.0
	TOTAL MISCELLANEOUS REVENUE	5.00	5.00	25,000.00	24,995.00	.0
	WATER UTILITIES REVENUE					
51-37-100	WATER SALES	129,335.66	129,335.66	1,515,000.00	1,385,664.34	8.5
51-37-105	WATER CONNECTION FEE	2,385.00	2,385.00	20,000.00	17,615.00	11.9
51-37-130	PENALTIES	3,810.00	3,810.00	40,000.00	36,190.00	9.5
	TOTAL WATER UTILITIES REVENUE	135,530.66	135,530.66	1,575,000.00	1,439,469.34	8.6
	SOURCE 38					
51-38-820	CONTRIBUTIONS FROM IMPACT FEES	.00	.00	95,000.00	95,000.00	.0
51-38-900	SUNDRY REVENUES	.00	.00	.00	.00	.0
51-38-910	CAPITAL CONTRIBUTIONS	.00	.00	.00	.00	.0
51-38-920	GAIN/LOSS ON SALE OF ASSETS	.00	.00	.00	.00	.0
	TOTAL SOURCE 38	.00	.00	95,000.00	95,000.00	.0
	CONTRIBUTIONS AND TRANSFERS					
51-39-470	TRANSFER FROM OTHER FUNDS	.00	.00	.00	.00	.0
51-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	1,542,000.00	1,542,000.00	.0
	TOTAL CONTRIBUTIONS AND TRANSFERS	.00	.00	1,542,000.00	1,542,000.00	.0
	TOTAL FUND REVENUE	135,535.66	135,535.66	3,237,000.00	3,101,464.34	4.2

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

WATER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
51-40-110	FULL-TIME EMPLOYEE SALARIES	5,461.51	5,461.51	97,000.00	91,538.49	5.6
51-40-120	PART-TIME EMPLOYEE SALARIES	.00	.00	.00	.00	.0
51-40-130	EMPLOYEE BENEFIT - RETIREMENT	1,069.41	1,069.41	23,000.00	21,930.59	4.7
51-40-131	EMPLOYEE BENEFIT-EMPLOYER FICA	446.38	446.38	8,000.00	7,553.62	5.6
51-40-133	EMPLOYEE BENEFIT - WORK. COMP.	264.41	264.41	3,000.00	2,735.59	8.8
51-40-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
51-40-135	EMPLOYEE BENEFIT - HEALTH INS.	526.52	526.52	19,000.00	18,473.48	2.8
51-40-137	EMPLOYEE TESTING	.00	.00	.00	.00	.0
51-40-140	UNIFORMS	122.97	122.97	2,000.00	1,877.03	6.2
51-40-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	.00	.00	3,000.00	3,000.00	.0
51-40-230	TRAVEL & TRAINING	.00	.00	4,000.00	4,000.00	.0
51-40-240	OFFICE SUPPLIES & EXPENSE	35.78	35.78	1,000.00	964.22	3.6
51-40-250	EQUIPMENT SUPPLIES & MAINT.	2,226.67	2,226.67	10,000.00	7,773.33	22.3
51-40-255	VEHICLE LEASE	.00	.00	.00	.00	.0
51-40-256	FUEL EXPENSE	629.03	629.03	5,000.00	4,370.97	12.6
51-40-260	BUILDINGS & GROUNDS MAINT.	.00	.00	5,000.00	5,000.00	.0
51-40-262	GENERAL GOVERNMENT BUILDINGS	.00	.00	.00	.00	.0
51-40-270	UTILITIES	.00	.00	14,000.00	14,000.00	.0
51-40-280	TELEPHONE	145.05	145.05	3,000.00	2,854.95	4.8
51-40-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	10,000.00	10,000.00	.0
51-40-318	PROFESSIONAL TECHNICAL	.00	.00	2,000.00	2,000.00	.0
51-40-325	PROFESSIONAL/TECHICAL - MAPS/G	743.75	743.75	5,000.00	4,256.25	14.9
51-40-350	SOFTWARE MAINTENANCE	.00	.00	8,000.00	8,000.00	.0
51-40-370	UTILITY BILLING	676.17	676.17	14,000.00	13,323.83	4.8
51-40-480	SPECIAL WATER SUPPLIES	1,077.00	1,077.00	3,000.00	1,923.00	35.9
51-40-481	WATER PURCHASES	.00	.00	363,000.00	363,000.00	.0
51-40-483	EMERGENCY LEAKS & REPAIRS	.00	.00	.00	.00	.0
51-40-485	FIRE HYDRANT UPDATE	.00	.00	50,000.00	50,000.00	.0
51-40-490	O & M CHARGE	1,377.40	1,377.40	100,000.00	98,622.60	1.4
51-40-495	METER REPLACEMENTS	.00	.00	100,000.00	100,000.00	.0
51-40-530	INTEREST EXPENSE	.00	.00	121,000.00	121,000.00	.0
51-40-540	CUSTOMER ASSISTANCE PROGRAM	.00	.00	.00	.00	.0
51-40-550	BANKING CHARGES	.00	.00	4,000.00	4,000.00	.0
51-40-650	DEPRECIATION	.00	.00	235,000.00	235,000.00	.0
51-40-730	IMPROVEMENTS OTHER THAN BLDGS	1,904.25	1,904.25	1,800,000.00	1,798,095.75	.1
51-40-740	EQUIPMENT	.00	.00	.00	.00	.0
51-40-750	CAPITAL OUTLAY - VEHICLES	.00	.00	58,000.00	58,000.00	.0
51-40-811	BOND PRINCIPAL	.00	.00	95,000.00	95,000.00	.0
51-40-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
51-40-915	TRANSFER TO ADMIN SERVICES	.00	.00	72,000.00	72,000.00	.0
51-40-950	CONTRI. TO FUND BALANCE - RSRV	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	16,706.30	16,706.30	3,237,000.00	3,220,293.70	.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

WATER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DEPARTMENT 80					
51-80-512	CONTRIBUTIONS	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 80	.00	.00	.00	.00	.0
	TOTAL FUND EXPENDITURES	16,706.30	16,706.30	3,237,000.00	3,220,293.70	.5
	NET REVENUE OVER EXPENDITURES	118,829.36	118,829.36	.00	(118,829.36)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SEWER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	MISCELLANEOUS REVENUE					
52-36-100	INTEREST EARNINGS	.00	.00	20,000.00	20,000.00	.0
	TOTAL MISCELLANEOUS REVENUE	.00	.00	20,000.00	20,000.00	.0
	SEWER UTILITIES REVENUE					
52-37-300	SEWER SALES	86,629.35	86,629.35	1,050,000.00	963,370.65	8.3
52-37-360	CWDIS 5% RETAINAGE	1,125.00	1,125.00	10,000.00	8,875.00	11.3
52-37-400	CWSID SEWER CONN FEES PAYABLE	.00	.00	.00	.00	.0
	TOTAL SEWER UTILITIES REVENUE	87,754.35	87,754.35	1,060,000.00	972,245.65	8.3
	SOURCE 38					
52-38-820	CONTRIBUTION FROM IMPACT FEES	.00	.00	400,000.00	400,000.00	.0
52-38-910	CAPITAL CONTRIBUTIONS	.00	.00	.00	.00	.0
52-38-920	GAIN/LOSS ON SALE OF ASSETS	.00	.00	.00	.00	.0
	TOTAL SOURCE 38	.00	.00	400,000.00	400,000.00	.0
	SOURCE 39					
52-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	495,000.00	495,000.00	.0
	TOTAL SOURCE 39	.00	.00	495,000.00	495,000.00	.0
	TOTAL FUND REVENUE	87,754.35	87,754.35	1,975,000.00	1,887,245.65	4.4

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SEWER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
52-40-110	FULL-TIME EMPLOYEE SALARIES	5,662.83	5,662.83	47,000.00	41,337.17	12.1
52-40-120	PART-TIME EMPLOYEE SALARIES	.00	.00	.00	.00	.0
52-40-130	EMPLOYEE BENEFIT - RETIREMENT	1,124.19	1,124.19	12,000.00	10,875.81	9.4
52-40-131	EMPLOYEE BENEFIT-EMPLOYER FICA	414.07	414.07	4,000.00	3,585.93	10.4
52-40-133	EMPLOYEE BENEFIT - WORK. COMP.	245.88	245.88	2,000.00	1,754.12	12.3
52-40-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
52-40-135	EMPLOYEE BENEFIT - HEALTH INS.	1,135.18	1,135.18	12,000.00	10,864.82	9.5
52-40-140	UNIFORMS	61.44	61.44	900.00	838.56	6.8
52-40-210	BOOKS/SUBSCRIPTIONS/MEMBERSHIP	.00	.00	.00	.00	.0
52-40-230	TRAVEL & TRAINING	.00	.00	4,000.00	4,000.00	.0
52-40-240	OFFICE SUPPLIES & EXPENSE	35.78	35.78	1,000.00	964.22	3.6
52-40-250	EQUIPMENT SUPPLIES & MAINT.	.00	.00	5,000.00	5,000.00	.0
52-40-255	VEHICLE LEASE	.00	.00	.00	.00	.0
52-40-256	FUEL EXPENSE	200.78	200.78	1,000.00	799.22	20.1
52-40-260	BUILDINGS & GROUNDS MAINT.	.00	.00	.00	.00	.0
52-40-270	UTILITIES	.00	.00	600.00	600.00	.0
52-40-280	TELEPHONE	15.44	15.44	.00	(15.44)	.0
52-40-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	21,000.00	21,000.00	.0
52-40-325	PROFESSIONAL/TECHICAL - MAPS/G	1,155.25	1,155.25	1,000.00	(155.25)	115.5
52-40-350	SOFTWARE MAINTENANCE	.00	.00	4,000.00	4,000.00	.0
52-40-370	UTILITY BILLING	472.05	472.05	9,000.00	8,527.95	5.3
52-40-490	O & M CHARGE	737.50	737.50	35,000.00	34,262.50	2.1
52-40-491	SEWER TREAMENT FEE	.00	.00	536,000.00	536,000.00	.0
52-40-496	CONNECTION FEE - CWSID	.00	.00	.00	.00	.0
52-40-530	INTEREST EXPENSE	.00	.00	.00	.00	.0
52-40-550	BANKING CHARGES	.00	.00	3,500.00	3,500.00	.0
52-40-650	DEPRECIATION	.00	.00	143,000.00	143,000.00	.0
52-40-690	PROJECTS	.00	.00	1,090,000.00	1,090,000.00	.0
52-40-900	TRANSFER TO FUND BALANCE	.00	.00	.00	.00	.0
52-40-915	TRANSFER TO ADMIN SERVICES	.00	.00	43,000.00	43,000.00	.0
52-40-950	CONTRI. TO FUND BALANCE - RSRV	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	11,260.39	11,260.39	1,975,000.00	1,963,739.61	.6
	TRANSFERS AND CONTRIBUTIONS					
52-80-512	CONTRIBUTIONS	.00	.00	.00	.00	.0
	TOTAL TRANSFERS AND CONTRIBUTIONS	.00	.00	.00	.00	.0
	TOTAL FUND EXPENDITURES	11,260.39	11,260.39	1,975,000.00	1,963,739.61	.6
	NET REVENUE OVER EXPENDITURES	76,493.96	76,493.96	.00	(76,493.96)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SANITATION UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	MISCELLANEOUS REVENUE					
53-36-100	INTEREST EARNINGS	.00	.00	2,000.00	2,000.00	.0
	TOTAL MISCELLANEOUS REVENUE	.00	.00	2,000.00	2,000.00	.0
	SANITATION UTILITIES REVENUE					
53-37-700	SANITATION FEES	42,928.79	42,928.79	496,000.00	453,071.21	8.7
	TOTAL SANITATION UTILITIES REVENUE	42,928.79	42,928.79	496,000.00	453,071.21	8.7
	SOURCE 38					
53-38-920	GAIN/LOSS ON SALE OF ASSETS	.00	.00	.00	.00	.0
	TOTAL SOURCE 38	.00	.00	.00	.00	.0
	SOURCE 39					
53-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	26,000.00	26,000.00	.0
	TOTAL SOURCE 39	.00	.00	26,000.00	26,000.00	.0
	TOTAL FUND REVENUE	42,928.79	42,928.79	524,000.00	481,071.21	8.2

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

SANITATION UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
53-40-110	FULL-TIME EMPLOYEE SALARIES	151.51	151.51	16,000.00	15,848.49	1.0
53-40-120	PART-TIME EMPLOYEE SALARIES	.00	.00	.00	.00	.0
53-40-130	EMPLOYEE BENEFIT - RETIREMENT	27.57	27.57	4,000.00	3,972.43	.7
53-40-131	EMPLOYEE BENEFIT-EMPLOYER FICA	11.29	11.29	1,200.00	1,188.71	.9
53-40-133	EMPLOYEE BENEFIT - WORK. COMP.	6.39	6.39	500.00	493.61	1.3
53-40-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
53-40-135	EMPLOYEE BENEFIT - HEALTH INS.	37.40	37.40	6,000.00	5,962.60	.6
53-40-140	UNIFORMS	.00	.00	100.00	100.00	.0
53-40-240	OFFICE SUPPLIES & EXPENSE	.00	.00	.00	.00	.0
53-40-250	EQUIPMENT SUPPLIES & MAINT.	38,364.89	38,364.89	42,000.00	3,635.11	91.3
53-40-251	VEHICLE MAINT & SUPPLIES	.00	.00	.00	.00	.0
53-40-255	VEHICLE LEASE	.00	.00	.00	.00	.0
53-40-256	FUEL EXPENSE	.00	.00	.00	.00	.0
53-40-280	TELEPHONE	13.24	13.24	.00	(13.24)	.0
53-40-350	SOFTWARE MAINTENANCE	.00	.00	2,400.00	2,400.00	.0
53-40-370	UTILITY BILLING	209.33	209.33	4,300.00	4,090.67	4.9
53-40-492	SANITATION FEE CHARGES	34,035.50	34,035.50	410,000.00	375,964.50	8.3
53-40-550	BANKING CHARGES	.00	.00	1,000.00	1,000.00	.0
53-40-650	DEPRECIATION	.00	.00	.00	.00	.0
53-40-900	CONTRIBUTION TO FUND BALANCE	.00	.00	.00	.00	.0
53-40-915	TRANSFER TO ADMIN SERVICES	.00	.00	36,500.00	36,500.00	.0
	TOTAL EXPENDITURES	72,857.12	72,857.12	524,000.00	451,142.88	13.9
	TOTAL FUND EXPENDITURES	72,857.12	72,857.12	524,000.00	451,142.88	13.9
	NET REVENUE OVER EXPENDITURES	(29,928.33)	(29,928.33)	.00	29,928.33	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

STORM SEWER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
54-33-400	STATE GRANT	.00	.00	.00	.00	.0
	TOTAL SOURCE 33	.00	.00	.00	.00	.0
	SOURCE 34					
54-34-270	DEVELOPER PMTS FOR IMPROVEMENT	.00	.00	.00	.00	.0
	TOTAL SOURCE 34	.00	.00	.00	.00	.0
	MISCELLANEOUS REVENUE					
54-36-100	INTEREST EARNINGS	.00	.00	1,000.00	1,000.00	.0
	TOTAL MISCELLANEOUS REVENUE	.00	.00	1,000.00	1,000.00	.0
	STORM SEWER UTILITIES REVENUE					
54-37-450	STORM SEWER REVENUE	16,883.16	16,883.16	239,000.00	222,116.84	7.1
	TOTAL STORM SEWER UTILITIES REVENUE	16,883.16	16,883.16	239,000.00	222,116.84	7.1
	SOURCE 38					
54-38-820	TFR FROM STORM SWR IMPACT FEE	.00	.00	40,000.00	40,000.00	.0
54-38-900	SUNDRY REVENUES	.00	.00	.00	.00	.0
54-38-910	CAPITAL CONTRIBUTIONS	.00	.00	.00	.00	.0
54-38-920	GAIN/LOSS ON SALE OF ASSETS	.00	.00	.00	.00	.0
	TOTAL SOURCE 38	.00	.00	40,000.00	40,000.00	.0
	SOURCE 39					
54-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	29,000.00	29,000.00	.0
	TOTAL SOURCE 39	.00	.00	29,000.00	29,000.00	.0
	TOTAL FUND REVENUE	16,883.16	16,883.16	309,000.00	292,116.84	5.5

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

STORM SEWER UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
54-40-110	FULL-TIME EMPLOYEE SALARIES	2,106.71	2,106.71	21,000.00	18,893.29	10.0
54-40-120	PART-TIME EMPLOYEE SALARIES	.00	.00	.00	.00	.0
54-40-130	EMPLOYEE BENEFIT - RETIREMENT	441.48	441.48	5,000.00	4,558.52	8.8
54-40-131	EMPLOYEE BENEFIT-EMPLOYER FICA	150.04	150.04	2,000.00	1,849.96	7.5
54-40-133	EMPLOYEE BENEFIT - WORK. COMP.	109.14	109.14	1,000.00	890.86	10.9
54-40-134	EMPLOYEE BENEFIT - UI	.00	.00	.00	.00	.0
54-40-135	EMPLOYEE BENEFIT - HEALTH INS.	1,046.70	1,046.70	11,000.00	9,953.30	9.5
54-40-140	UNIFORMS	61.44	61.44	500.00	438.56	12.3
54-40-230	TRAVEL & TRAINING	.00	.00	2,000.00	2,000.00	.0
54-40-240	OFFICE SUPPLIES & EXPENSE	.00	.00	.00	.00	.0
54-40-250	EQUIPMENT SUPPLIES & MAINT.	.00	.00	1,200.00	1,200.00	.0
54-40-255	VEHICLE LEASE	.00	.00	.00	.00	.0
54-40-256	FUEL EXPENSE	125.42	125.42	500.00	374.58	25.1
54-40-270	UTILITIES	.00	.00	300.00	300.00	.0
54-40-280	TELEPHONE	.00	.00	.00	.00	.0
54-40-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	8,000.00	8,000.00	.0
54-40-325	PROFESSIONAL/TECHICAL - MAPS/G	956.25	956.25	15,000.00	14,043.75	6.4
54-40-331	PROMOTIONS	.00	.00	1,200.00	1,200.00	.0
54-40-350	SOFTWARE MAINTENANCE	.00	.00	5,300.00	5,300.00	.0
54-40-370	UTILITY BILLING	103.25	103.25	2,000.00	1,896.75	5.2
54-40-493	STORM SEWER O & M	.00	.00	30,000.00	30,000.00	.0
54-40-550	BANKING CHARGES	.00	.00	1,000.00	1,000.00	.0
54-40-650	DEPRECIATION	.00	.00	150,000.00	150,000.00	.0
54-40-690	PROJECTS	215.25	215.25	26,000.00	25,784.75	.8
54-40-915	TRANSFER TO ADMIN SERVICES	.00	.00	26,000.00	26,000.00	.0
	TOTAL EXPENDITURES	5,315.68	5,315.68	309,000.00	303,684.32	1.7
	DEPARTMENT 80					
54-80-512	CONTRIBUTIONS	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 80	.00	.00	.00	.00	.0
	TOTAL FUND EXPENDITURES	5,315.68	5,315.68	309,000.00	303,684.32	1.7
	NET REVENUE OVER EXPENDITURES	11,567.48	11,567.48	.00	(11,567.48)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

PENALTIES UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	MISCELLANEOUS REVENUE					
55-36-100	INTEREST EARNINGS	.00	.00	.00	.00	.0
	TOTAL MISCELLANEOUS REVENUE	.00	.00	.00	.00	.0
	SOURCE 37					
55-37-130	PENALTIES	.00	.00	.00	.00	.0
	TOTAL SOURCE 37	.00	.00	.00	.00	.0
	TOTAL FUND REVENUE	.00	.00	.00	.00	.0
	NET REVENUE OVER EXPENDITURES	.00	.00	.00	.00	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

TRANSPORTATION UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
56-31-305	TRANSPORTATION - LOCAL OPTION	.00	.00	80,000.00	80,000.00	.0
	TOTAL SOURCE 31	.00	.00	80,000.00	80,000.00	.0
	SOURCE 33					
56-33-560	CLASS "C" ROAD ALLOTMENT	.00	.00	80,000.00	80,000.00	.0
	TOTAL SOURCE 33	.00	.00	80,000.00	80,000.00	.0
	SOURCE 34					
56-34-270	DEVELOPER PMTS FOR IMPROV.	.00	.00	10,000.00	10,000.00	.0
	TOTAL SOURCE 34	.00	.00	10,000.00	10,000.00	.0
	SOURCE 36					
56-36-100	INTEREST EARNINGS	.00	.00	2,000.00	2,000.00	.0
	TOTAL SOURCE 36	.00	.00	2,000.00	2,000.00	.0
	SOURCE 37					
56-37-800	TRANSPORATION UTILITY FEE	36,430.03	36,430.03	420,000.00	383,569.97	8.7
	TOTAL SOURCE 37	36,430.03	36,430.03	420,000.00	383,569.97	8.7
	CONTRIBUTIONS AND TRANSFERS					
56-39-091	TRANSFER FROM CAPITAL PROJECTS	.00	.00	.00	.00	.0
56-39-900	FUND BAL TO BE APPROPRIATED	.00	.00	300,000.00	300,000.00	.0
56-39-910	TRANSFER FROM CLASS "C" RES.	.00	.00	.00	.00	.0
	TOTAL CONTRIBUTIONS AND TRANSFERS	.00	.00	300,000.00	300,000.00	.0
	TOTAL FUND REVENUE	36,430.03	36,430.03	892,000.00	855,569.97	4.1

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

TRANSPORTATION UTILITY FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
56-76-312	PROFESSIONAL & TECH. - ENGINR	.00	.00	18,000.00	18,000.00	.0
56-76-424	CURB AND GUTTER RESTORATION	.00	.00	85,000.00	85,000.00	.0
56-76-425	STREET SEALING	.00	.00	.00	.00	.0
56-76-730	STREET PROJECTS	2,277.25	2,277.25	789,000.00	786,722.75	.3
56-76-910	TRANSFER TO CAP. PROJ. FUND	.00	.00	.00	.00	.0
56-76-990	CONTRIBUTION TO FUND BALANCE	.00	.00	.00	.00	.0
	TOTAL EXPENDITURES	2,277.25	2,277.25	892,000.00	889,722.75	.3
	TOTAL FUND EXPENDITURES	2,277.25	2,277.25	892,000.00	889,722.75	.3
	NET REVENUE OVER EXPENDITURES	34,152.78	34,152.78	.00	(34,152.78)	.0

SOUTH WEBER CITY CORPORATION
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

FLEET MANAGEMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
60-34-981	INTERFUND CHARGE - ADMIN	.00	.00	2,000.00	2,000.00	.0
60-34-982	INTERFUND CHARGE - FIRE	.00	.00	115,000.00	115,000.00	.0
60-34-983	INTERFUND CHARGE - COMM SVS	.00	.00	5,000.00	5,000.00	.0
60-34-984	INTERFUND CHARGE - STREETS	.00	.00	47,000.00	47,000.00	.0
60-34-985	INTERFUND CHARGE - PARKS	.00	.00	25,000.00	25,000.00	.0
60-34-986	INTERFUND CHARGE - RECREATION	.00	.00	3,000.00	3,000.00	.0
60-34-987	INTERFUND CHARGE - WATER	.00	.00	58,000.00	58,000.00	.0
60-34-988	INTERFUND CHARGE - SEWER	.00	.00	6,000.00	6,000.00	.0
60-34-989	INTERFUND CHARGE - STORM DRAIN	.00	.00	6,000.00	6,000.00	.0
	TOTAL SOURCE 34	.00	.00	267,000.00	267,000.00	.0
	SOURCE 36					
60-36-100	INTEREST EARNINGS	.00	.00	1,000.00	1,000.00	.0
60-36-400	SALE OF ASSETS	.00	.00	80,000.00	80,000.00	.0
	TOTAL SOURCE 36	.00	.00	81,000.00	81,000.00	.0
	SOURCE 37					
60-37-450	TRANSFER FROM CAP .PRJ. - FIRE	.00	.00	255,000.00	255,000.00	.0
60-37-510	TRANFER FROM WATER	.00	.00	25,000.00	25,000.00	.0
60-37-520	TRANSFER FROM SEWER	.00	.00	10,000.00	10,000.00	.0
60-37-540	TRANSFER FROM STORM DRAIN	.00	.00	10,000.00	10,000.00	.0
60-37-983	INTERFUND CHARGE - COMM. SVS.	.00	.00	.00	.00	.0
	TOTAL SOURCE 37	.00	.00	300,000.00	300,000.00	.0
	TOTAL FUND REVENUE	.00	.00	648,000.00	648,000.00	.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

FLEET MANAGEMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
60-60-740	MACHINERY & EQUIPMENT	.00	.00	150,000.00	150,000.00	.0
60-60-960	CAPITAL LEASES - EQUIPMENT	.00	.00	101,000.00	101,000.00	.0
60-60-990	CONTRIB. TO FUND BALANCE	.00	.00	397,000.00	397,000.00	.0
	TOTAL DEPARTMENT 60	.00	.00	648,000.00	648,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	648,000.00	648,000.00	.0
	NET REVENUE OVER EXPENDITURES	.00	.00	.00	.00	.0

SOUTH WEBER CITY CORPORATION
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JULY 31, 2021

GENERAL LONG-TERM DEBT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
95-43-139	PENSION EXPENSE	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 43	.00	.00	.00	.00	.0
	DEPARTMENT 57					
95-57-139	PENSION EXPENSE	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 57	.00	.00	.00	.00	.0
	DEPARTMENT 60					
95-60-139	PUBLIC WORKS PENSION EXP.	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 60	.00	.00	.00	.00	.0
	DEPARTMENT 70					
95-70-139	PARKS PENSION EXP.	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 70	.00	.00	.00	.00	.0
	DEPARTMENT 71					
95-71-139	RECREATION PENSION EXP.	.00	.00	.00	.00	.0
	TOTAL DEPARTMENT 71	.00	.00	.00	.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	.00	.00	.0
	NET REVENUE OVER EXPENDITURES	.00	.00	.00	.00	.0

JONES & ASSOCIATES CONSULTING ENGINEERS

SOUTH WEBER city

M E M O R A N D U M

TO: South Weber City Mayor and City Council

FROM: Brandon K. Jones, P.E.
South Weber City Engineer

CC: David Larson – South Weber City Manager
Mark McRae – South Weber City Finance Director

RE: STORM DRAIN CAPITAL FACILITIES PLAN (CFP) & IMPACT FEE FACILITIES PLAN (IFFP) & IMPACT FEE ANALYSIS (IFA)
Adoption Memo

Date: September 16, 2021

NEW STORM DRAIN CFP & IFFP

Earlier this summer on June 8, 2021, the Storm Drain CFP & IFFP were adopted. After adoption of the plan, Jones & Associates (J&A) began working with Zions Public Finance Inc. (ZPFI) on the Impact Fee Analysis (IFA). Through this process a few items in the CFP & IFFP were identified as needing revision to be consistent with the approach of the IFA. The following summarizes the revisions and additional work that was performed:

1. ERU Analysis: A detailed review of the current utility billing and calculation of ERUs for all non-residential uses was performed. This was added into the CFP as Appendix A and constitutes the summary of existing ERUs. The future ERUs were reviewed and adjusted. Also, the projection of future ERUs was modified to more closely reflect anticipated non-residential growth based on current development applications and interest.
2. Existing Deficiency vs. Maintenance: None of the projects were modified at all. However, as existing deficiency costs were discussed it became clear that a distinction between existing deficiencies and maintenance costs was needed for better clarity. An additional Maintenance cost column was added to all the cost estimates. The totals were added up and tables in the plan adjusted accordingly to reflect this adjustment.
3. Capacity added in the next 10 years: The CFP addresses all the capital needs of the storm drain system through built-out (projected as 2038). The assessment of impact fees can only reflect the next 6-10 year planning window. Supplementary evaluation was done to identify the amount of additional storm drain system capacity being added through impact fee eligible projects over the next 10 years (2030). The anticipated ERUs and impact fee eligible costs were updated to reflect this change.

The previously adopted Storm Drain CFP & IFFP are replaced with the updated plan, dated August 31, 2021.

STORM DRAIN IMPACT FEE ANAYSIS (IFA)

Utah state law requires that an Impact Fee Facilities Plan (IFFP) be prepared before an impact fee can be implemented. The IFFP is a subset of the data contained in the CFP. State law requires that the IFFP only contains the cost for projects expected to take place within 6-10 years and must not raise the level of existing service. Section 6.0 of the plan covers the IFFP. Table 6.2 identifies the projects anticipated to be needed in the next 6-10 years. The total impact fee eligible cost through built-out is approximately $1.85 million. Of that, 65% is anticipated to be constructed in the next 10 years, which amounts to $1.20 million. This provides the needed system capacity for the additional 944 ERUs anticipated over the next 10 years.

ZPFI took the information provided in the CFP and IFFP and produced the IFA. This report opens with an Executive Summary. This section summarizes the essence of the report. Based on the 944 ERUs projected in the IFFP and the total impact fee eligible costs of $1,203,220, an impact fee of $1,251.90 per ERU was calculated. This impact fee is made up of $1,274.60 for new construction based on the projects identified in the IFFP, $28.60 for consultant fees to calculate the impact fee, and a credit of ($51.30) for costs related to existing deficiencies.

The impact fee will be assessed as 1 ERU per lot/unit for single family homes, duplexes, townhomes, and condos; and 0.75 ERUs per unit for apartments. For all non-residential uses, the ERU will be assessed based on the amount of hard surfacing, with 1 ERU being 3,365 sf of hard surfacing.

ENACTMENT AND ADOPTION OF THE IMPACT FEE

The City Council may adopt the maximum impact fee of $1,251.90/ERU or something less than that. The impact fee will go into effect 90 days following the approval of the ordinance that enacts the fee.

STORM DRAIN

CAPITAL FACILITIES PLAN (CFP)
IMPACT FEE FACILITIES PLAN (IFFP)
Jones & Associates (August 2021)

IMPACT FEE ANALYSIS (IFA)
Zions Public Finance Inc. (September 2021)

--- SUMMARY EXPLANATION ---
September 16, 2021

STORM DRAIN CAPITAL FACILITIES PLAN (CFP)

A Capital Facilities Plan (CFP) is a planning document which summarizes the findings of analyzing the storm drain system and provides recommendations for ways to solve current problem and ways to address the needs that the system will have when development occurs in the future. It identifies concept-level projects to solve current problems as well as concept-level projects that will provide capacity for future needs. It provides cost estimates for these projects and breaks out the costs of each project into 4 categories: Existing Deficiency, Maintenance, Impact Fee Eligible, and Developer. The Existing Deficiency and Maintenance costs must be paid for by the current residents, typically through utility fees (although other funding sources may sometimes be used). Impact Fee Eligible costs are paid by future residents. Developer costs are paid by developers as subdivisions are built.

The planning window for this analysis is through the Built-Out condition. Built-Out is when all the undeveloped ground in the city is developed. Based on the project population growth, Built-Out is estimated to occur by 2038. The city's adopted General Plan (dated 11-10-2020) was used as the basis for how the undeveloped ground will develop (residential, commercial, etc.).

To evaluate various types of land use, a basic unit of measure is needed. This is simplified to what is called an Equivalent Residential Unit (ERU). As stormwater runoff is mainly generated by hard surfacing, the ERU is calculated based on how much directly connected hard surfacing a typical single-family residential home contains. This was calculated to be 3,365 sf. The city currently has 2,829 (2,379 residential and 450 non-residential) ERUs. There are 1,446 (836 residential and 610 non-residential) future ERUs projected.

The results of the analysis for South Weber City's current storm drain system were overall very good. Only a couple of areas need projects to solve existing problems. These areas were located on Deer Run Drive. The computer model did not indicate a likelihood of major flooding in these

areas, but upsized piping is needed to eliminate the chance of ponding in the road. A total of 26 projects were identified to address current and future needs. Of these projects, 2 address current problems, 8 address future needs, 1 addresses both current problems and future needs, and the remaining 15 projects address maintenance needs for the system. The project costs are as follows:

Existing Deficiencies	Maintenance	System Improvements (Impact Fee Eligible)	Developer Costs
$613,620	$5,405,090	$1,851,110	$2,888,780

A needs assessment was performed of each project based on Criticality, Condition, and when the project is anticipated to be needed. Each project was scored and then re-ordered according to their evaluation score with the highest scoring projects at the top of the table, thus showing the prioritization and order in which projects should be accomplished.

STORM DRAIN IMPACT FEE FACILITIES PLAN (IFFP)

Utah state law requires that an Impact Fee Facilities Plan (IFFP) be prepared before an impact fee for future residents can be implemented. The IFFP uses the CFP as a base and identifies the projects and associated costs that will be needed in the next 6-10 year planning window. By 2030 it is estimated that 944 ERUs will be added to the storm drain system. The impact fee eligible costs for this same period total $1,203,220.

The IFFP identifies the impact fee eligible costs but does not calculate the impact fee. This is done in a separate report, which is called the Impact Fee Analysis (IFA). The city contracted with Zions Public Finance Inc. (ZPFI) to perform this analysis.

STORM DRAIN IMPACT FEE ANALYSIS (IFA)

Based on the 944 ERUs projected in the IFFP and the total impact fee eligible costs of $1,203,220, an impact fee of $1,251.90 per ERU was calculated. This impact fee is made up of $1,274.60 for new construction based on the projects identified in the IFFP, $28.60 for consultant fees to calculate the impact fee, and a credit of ($51.30) for costs related to existing deficiencies.

The impact fee will be assessed as 1 ERU per lot/unit for single family homes, duplexes, townhomes, and condos; and 0.75 ERUs per unit for apartments. For all non-residential uses, the ERU will be assessed based on the amount of hard surfacing, with 1 ERU being 3,365 sf of hard surfacing.

ORDINANCE 2021-13

AN ORDINANCE OF THE SOUTH WEBER CITY COUNCIL ADOPTING A CAPITAL FACILITIES PLAN, AN IMPACT FEE FACILITIES PLAN, AN IMPACT FEE ANALYSIS, AND AN IMPACT FEE FOR STORM DRAIN; PROVIDING FOR THE CALCULATION AND COLLECTION OF SUCH FEES

WHEREAS, on the 10th of May, 2021 South Weber City posted notice of its intention to prepare Capital Facilities Plan (CFP), Impact Fee Facilities Plan (IFFP), and Impact Fee Analysis (IFA) for storm drain; and

WHEREAS, South Weber City as a municipality in the state of Utah is authorized to adopt impact fees (UCA11-36a-101); and

WHEREAS, a public hearing was noticed and held according to state law allowing citizens to provide feedback on the referenced storm drain documents; and

WHEREAS, City Engineer Jones and Associates provided written certification in compliance with UCA 11-36a-306(1) and Zions Public Finance, Inc. certified its work under UCA 11-36a-306(2); and

WHEREAS, a copy of the Capital Facilities Plan, Impact Fee Facilities Plan, and the Impact Fee Analysis along with a summary designed to be understood by a lay person will be posted and made available on the next business day after adoption; and

WHEREAS, Council has considered the input of the public and stakeholders and relying on the professional advice and certifications provided; South Weber City adopts the findings, conclusions, and recommendations provided;

NOW, THEREFORE, BE IT ORDAINED by the City Council of South Weber City, State of Utah:

Section 1. Adoption: The Council hereby adopts the Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan prepared by Jones and Associates, the Storm Drain Impact Fee Analysis prepared by Zions Public Finance, Inc., and the Impact Fee recommended therein. The CFP, IFFP, and IFA are attached hereto as Exhibits A and B and incorporated by this reference.

Section 2. General Repealer. Ordinances in conflict with this ordinance are hereby repealed to the extent of such conflict.

Section 3. Effective Date. A 30-day period is allowed for public response with any challenges and impact fees will take effect 90 days from the adopted date.

PASSED AND ADOPTED by the City Council of South Weber, Davis County, on the 28th day of September 2021.

MAYOR: Jo Sjoblom

ATTEST: City Recorder, Lisa Smith

Roll call vote is as follows:		
Council Member Winsor	FOR	AGAINST
Council Member Petty	FOR	AGAINST
Council Member Soderquist	FOR	AGAINST
Council Member Alberts	FOR	AGAINST
Council Member Halverson	FOR	AGAINST

CERTIFICATE OF POSTING

I hereby certify that Ordinance 2021-13 was passed and adopted the 28th day of September 2021 and that complete copies of the ordinance were posted in the following locations within the City this 29th day of September 2021.

1. South Weber Elementary, 1285 E. Lester Drive
2. South Weber Family Activity Center, 1181 E. Lester Drive
3. South Weber City Building, 1600 E. South Weber Drive

Lisa Smith, City Recorder

EXHIBIT A
STORM DRAIN CAPITAL FACILITIES PLAN AND IMPACT FEE FACILITIES PLAN

EXHIBIT
STORM DRAIN IMPACT FEE ANALYSIS

South Weber City Corporation

Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan

August 2021

Adopted September xx, 2021

Prepared by

JONES & ASSOCIATES

Consulting Engineers

STORM WATER
CAPITAL FACILITIES PLAN
AND
IMPACT FEE FACILITIES PLAN

for

SOUTH WEBER CITY

Prepared by

JONES & ASSOCIATES
Consulting Engineers

6080 Fashion Point Drive
South Ogden, Utah 84403
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LIST OF ACRONYMS AND ABBREVIATIONS

A-ft	acre-feet
cfs	cubic feet per second
CFP	Capital Facilities Plan
CN	curve number
ERU	Equivalent Residential Unit
GOMB	Governor's Office of Management and Budget
HDPE	High-Density Polyethylene
IFFP	Impact Fee Facilities Plan
LOS	Level of Service
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
O&M	Operation and Maintenance
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
SCS	Soil Conservation Service
s.f.	square feet
sq. mi.	square miles
SSA	Storm and Sanitary Analysis
UAC	Utah Administrative Code
USDA	United States Department of Agriculture
WMS	Watershed Modeling Software

1.0 EXECUTIVE SUMMARY

A Capital Facilities Plan is a planning document which summarizes the findings of system analyses and provides recommendations for expansion as development takes place. It identifies and provides cost estimates for existing problems and deficiencies within the system. Additionally, the impact of growth is considered in order to recommend effective and efficient improvement/expansion within the system to meet future needs.

South Weber City's storm drain system was analyzed through software modeling for transmission capacity, storage capacity, and overall system effectiveness. Through this method, several necessary storm drain projects were identified within the existing system to correct existing deficiencies. Projected built-out of the City's storm drain system will require additional transmission system upgrades.

Project costs were separated into four funding categories. First, projects that are needed to resolve existing deficiencies and/or problems. Second, projects needed to address current maintenance issues. Third, projects that serve large regions of the City which accommodate demands imposed by future development, which are referred to as System Improvements. And fourth, costs associated with the portion of a project that is required for a particular development.

Existing deficiencies and maintenance costs will need to be funded by the City through sources such as enterprise funds, general funds, grants, or bonds. System Improvements that are needed to upsize the storm drain utility for continued growth are often paid with the collection of impact fees. Impact fees, as well as a full list of recommended projects, are described in detail in **Sections 5.0 and 6.0** of this report. Below is a summarized list of these costs as described above:

Table 1.1 - Projects Cost Summary

Cost Breakdown				
Estimated Total Storm Drain Project Costs	Existing Deficiencies	Maintenance	System Improvements (Impact Fee Eligible)	Developer Costs
$10,758,600	$613,620	$5,405,090	$1,851,110	$2,888,780

2.0 INTRODUCTION

2.1 Background

In 1999, Hansen, Allen & Luce (HAL) completed the most recent study of South Weber City's storm drain system, which provided recommendations for projects necessary to meet the needs of future growth and development at that time. Due to the length of time between the HAL study and this study, as well as the many changes that have occurred in the City due to development, there is not much from the HAL report that is relevant to current conditions. Therefore, this report does not use any of the data or information from the HAL report. This report provides a new and independent analysis of the City's current storm drain system.

2.2 Study Area

The Study Area, as defined by this report, includes all area within the current City boundary served by the City's storm drain system, as well as those areas outside the City boundaries included in the City's Annexation Plan. Also included is the mountain drainage to the east and hillside drainage to the south. The Study Area is therefore 9.08 sq. mi., approximately.

It is worth noting that the areas north of I-84 were evaluated, but no public storm drain system is currently in place. Any future drainage needs in this area should be negligible, and infrastructure will likely be privately-owned. Because these areas have no effect, nor will ever have effect, on the rest of the storm drain system, these areas were not modeled and analyzed as was the rest of the system.

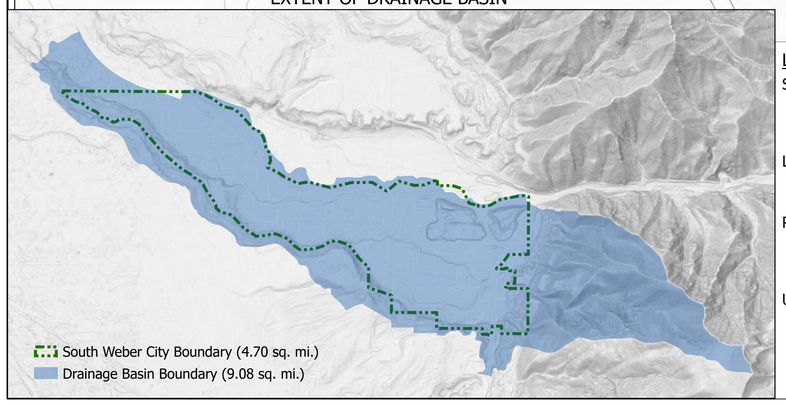
The Study Area, City Boundary, and Existing Storm Drain System are illustrated in **Exhibit 2.1**.

2.3 City Characteristics

The current City boundary encompasses approximately 4.70 sq. mi. Across the City boundary, terrain is generally sloped from the southeast to the northwest. Elevations range between 5000 feet at the southeast corner to 4400 feet at the northwest corner (Google Earth, 2021).

Land use is primarily agricultural and residential, with some commercial uses near US-89. According to the South Weber City Future Land Use Map, the City's vision for future land use remains primarily residential; however, the City is also planning for some limited commercial development in the future. For the purposes of this Plan, future development has been estimated based on the South Weber City Future Land Use Map (November 10, 2020). The service boundary and/or the proposed land use may change depending on development. These factors may require periodic adjustments to this Plan and the recommended storm drain capital facilities projects. The Future Land Use Map used is included as **Exhibit 2.2**.

EXTENT OF DRAINAGE BASIN



Legend

SWC Structures
- Catch Basin
- Manhole
- Control Structure

Land Drain Structures
- Catch Basin
- Manhole

Private Structures
- Catch Basin
- Manhole
- Control Structure

UDOT Structures
- Catch Basin
- Manhole
- Control Structure

Irrigation Structures
- Catch Basin
- Manhole
- Control Structure

SWC SD Pipes
- 8 Inch
- 10 Inch
- 12 Inch
- 15 Inch
- 18 Inch
- 21 Inch
- 24 Inch
- 30 Inch
- 36 Inch
- 42 Inch
- Unknown
- Land Drain Pipes
- Private SD Pipes
- UDOT SD Pipes
- Irrigation Pipes
- Piped Aqueduct
- Open Channels
- Canal / River

Basins
- South Weber City
- Private
- UDOT
- Abandoned
- Unknown Owner
- Other

City Boundary
- South Weber
- Other

SCALE: 1:10,000	JA JONES & ASSOCIATES	CONSULTING ENGINEERS 6080 Fashion Point Drive South Ogden, Utah 84403 (801) 476-9767	SOUTH WEBER CITY STORM DRAIN CAPITAL FACILITIES PLAN **EXISTING STORM DRAIN SYSTEM**	EXHIBIT 2.1
MM/DD/YYYY 05/14/2021				SOUTH WEBER city

#6 Storm Drain

GENERAL LEGEND

- SOUTH WEBER CITY BOUNDARY
- LAYTON CITY, UINTAH CITY, AND WEBER COUNTY BOUNDARIES
- SOUTH WEBER CITY ANNEXATION BOUNDARY
- CANAL / RIVER

JA

NORTH OF SOUTH WEBER DRIVE POSSIBILITIES: T-1, B-C, OR C-R

LAND USE LEGEND

- LIGHT INDUSTRIAL (L-I) - GENERAL LOCATIONS
- DEVELOPMENT PLAN AND AGREEMENT REQUIRED
- HAFB RESTRICTED DEVELOPMENT
- RESIDENTIAL PATIO (R-P) - GENERAL LOCATIONS
- RESIDENTIAL VERY LOW DENSITY (A)
- RESIDENTIAL LOW DENSITY (R-L)
- RESIDENTIAL LOW MODERATE DENSITY (R-LM)
- RESIDENTIAL MODERATE DENSITY (R-M)
- RESIDENTIAL PATIO (R-P)
- RESIDENTIAL MULTI-FAMILY (R-7)
- COMMERCIAL (C)
- HIGHWAY-COMMERCIAL (C-H)
- BUSINESS COMMERCE (B-C)
- LIGHT INDUSTRIAL (L-I)
- TRANSITIONAL LIGHT INDUSTRIAL (T-1)
- INSTITUTIONAL
- RECREATION
- COMMERCIAL RECREATION (C-R)
- OPEN LANDS

SOUTH WEBER city

NOTES:

Exhibit 2.2
2021 Storm Drain Capital Facilities Plan

SCALE: 1 in =1,800 ft
ADOPTED ON 11/10/2020

DESIGNED BEB
DRAWN BEB
CHECKED BKJ

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SOUTH WEBER CITY CORPORATION
GENERAL PLAN
PROJECTED LAND USE MAP

SHEET: 1 OF 5 SHEETS
0

3.0 ERUS AND GROWTH ESTIMATES

3.1 Equivalent Residential Units

Stormwater runoff varies from property to property throughout the storm drain system. This is due to differences in hard surfacing between each property in a development. In order to avoid the complexity of analyzing each property throughout the study area, a basic unit of runoff can be defined for the purposes of comparison. This basic unit is called an Equivalent Residential Unit, or ERU. For this report, an ERU quantifies the storm water impact of a typical detached single-family residence. This is the most common type of development within the City. Once defined, this unit is used to quantify the impact of various types of development and to evaluate the system with a single equalizing unit of measure.

3.1.1 Residential vs. Non-Residential ERUs

For this study, the area of directly connected hard surface used to define one ERU is taken to be 3,365 square feet (i.e. 1 ERU = 3,365 sf). This metric was calculated based off an average of samples taken from residences on approximately 1/4 to 1/3 acre lots. This includes a proportional fraction of the total road pavement within the study area, as well as the driveway of a typical house. The roofs of the houses were excluded, as rainfall on a roof is typically discharged through the rain gutter system onto pervious surfaces. For a typical residential lot, the area was calculated as follows:

$$\left[80\ ft\ frontage\ \times \frac{41\ ft\ curb\ to\ curb}{2}\right] + 1725\ sf\ driveway = \mathbf{3365\ sf}$$

Once defined, an ERU can be used to calculate the impact of various land uses within the system.

Properties with large amounts of hard surfacing may have the impact of many single residence homes. The impact of such properties would therefore be calculated as many ERUs. Commercial lots often have 2 – 3 times the hard surface that similarly-sized residential lots have. As a result, commercial sites generally have higher impact fees than residential sites of similar size.

For example, a typical elementary school might have a hard-surface area of approximately 175,000 square feet, which is the equivalent of 52 regular residential units. Another way to state that is: one elementary school equals fifty-two (52) ERUs. Some other non-residential examples can be equated as shown in the following table:

Table 3.1 – Example Non-Residential ERUs

Site Description	Directly-Connected Impervious Area (sf)	ERUs
Institutional Use Example	90,850	27
Commercial Use Example	47,110	14
Industrial Use Example	37,015	11

Existing ERUs consist of existing residential and non-residential entities as assessed through utility billing. As part of this study, an assessment of the current utility billing and calculation of ERUs for all non-residential entities was performed. **Appendix A** summaries this assessment.

Table 3.2 shows how ERUs are calculated based on different land uses.

Table 3.2 – ERUs for Various Land Uses

Zone / Land Use	Density (Units/Acre)	ERUs (per Acre)*
Very Low Density Residential (A)	0.90	0.72
Low Density Residential (R-L)	1.45	1.16
Low-Moderate Density Residential (R-LM)	1.85	1.48
Moderate Density Residential (R-M)	2.80	2.24
Residential Patio (R-P)	4.00	3.20
Residential Multi-Family (R-7)	7.00	5.60
Non-Residential (Commercial, Industrial, etc.)	Varies	Calculated based upon the square footage of directly connected impervious cover.
** 20% Reduction due to layout limitations such as odd parcel shapes, street/access requirements, lot parameters, etc.*		

3.2 Growth Estimates

3.2.1 Population Projections

The growth rate in South Weber City since 1880 has been very sporadic, bouncing between growth and decline. However, starting around 1960, the growth rate remained positive and started to create a trend. The last 50 years of census data and the average yearly growth rate are shown below in **Table 3.3**. The 2020 census was being performed at the time of this study.

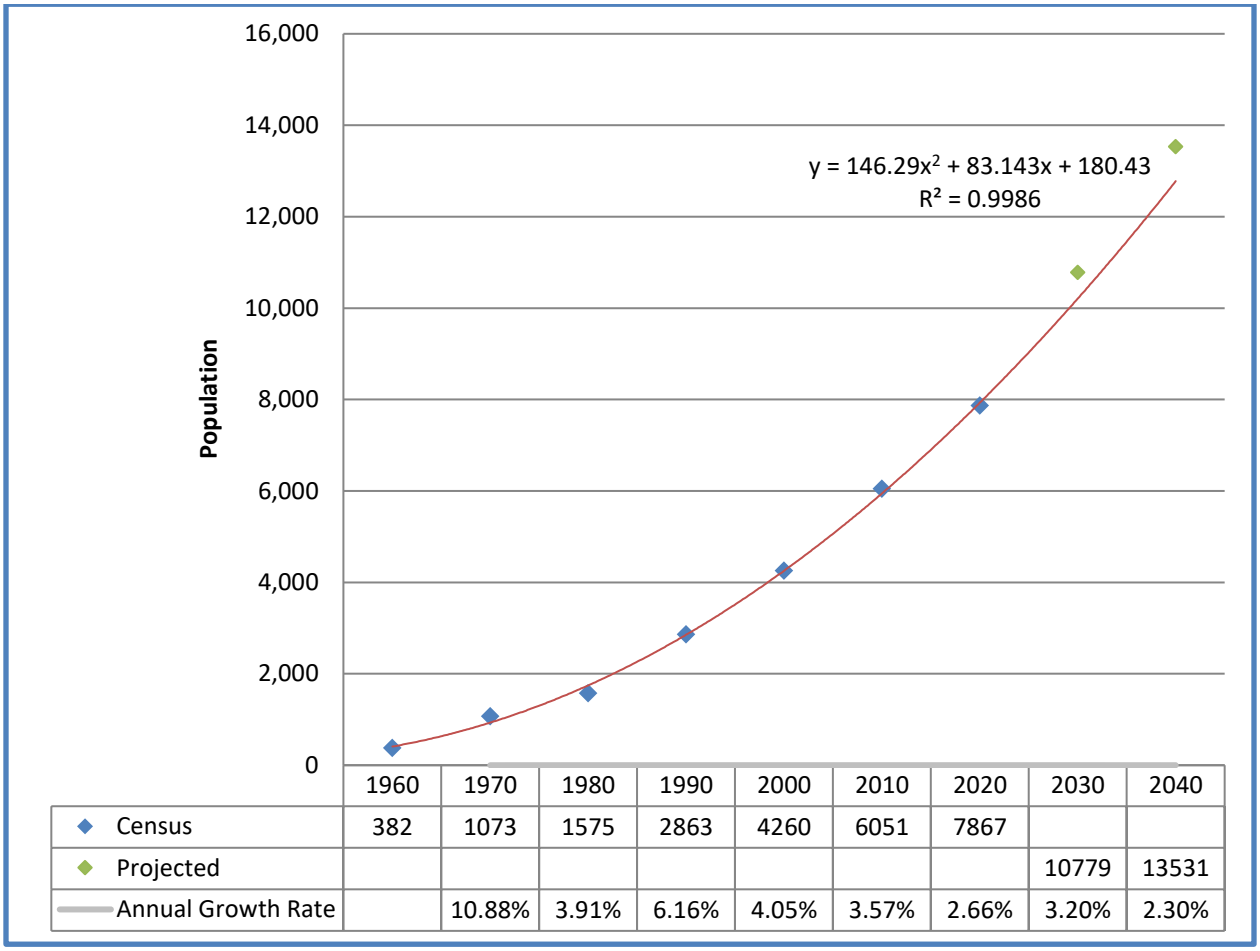
Table 3.3 – Historic Population Data and Growth Rate

Year	Census	Average Growth Rate per Year
1960	382	---
1970	1,073	10.88%
1980	1,575	3.91%
1990	2,863	6.16%
2000	4,260	4.05%
2010	6,051	3.57%
2020	7867	2.66%

The above data were plotted, and a trendline was best fitted to the data, as illustrated in **Figure 3.1**. The regression (best fit) equation of the trendline was determined to be:

$$y = 146.29x^2 + 83.143x + 180.43$$

Figure 3.1 – Historic and Projected Population



	1960	1970	1980	1990	2000	2010	2020	2030	2040
Census	382	1073	1575	2863	4260	6051	7867		
Projected								10779	13531
Annual Growth Rate		10.88%	3.91%	6.16%	4.05%	3.57%	2.66%	3.20%	2.30%

The regression equation for the trendline used to project growth is shown in **Figure 3.1**. The R^2 value, also shown in the figure, is a representation of how well the trendline fits the historic data, with an R^2 value of 1.0 being a perfect fit. The trendline was found to be very accurate with an R^2 value of 0.9986. Therefore, it is reasonable to use the regression equation to approximate the population at future dates.

Using this above trendline equation, populations projections were calculated. These projections are shown above.

The 2020 South Weber General Plan estimates built-out population of about 12,900. Based on the population projections shown above, this built-out condition should occur around 2038. The General Plan also estimates 3,316 residential dwelling units will occupy South Weber City at built-out. This equates to approximately 3.89 persons/unit, which is consistent with the results of the 2010 Census. The General Plan Future Land Use Map is included as **Exhibit 2.2**.

3.2.2 ERU Projections and "Built-Out"

The concept of ERUs can be applied to undeveloped land to estimate future stormwater runoff as development takes place. ERU values have been applied to the undeveloped areas on the City's Future Land Use Map within the existing and future storm drain service area. Using the Future Land Use Map, ERUs have been assigned to the developable land in the City. All the projected future ERUs are shown on the Future ERU Map, **Exhibit 3.1**. This represents a "built-out" condition, which means that there will be no more land available for new development. The current and future ERUs are summarized in **Table 3.4**.

Table 3.4 – Current and Future ERUs

	Year	ERUs		
		Residential	Non-Residential	Total
Current	2021	2,379	450	2,829
Future	2038	836	610	1,446
TOTAL		**3,215**	**1,060**	**4,275**

Using population growth projections, the projected total ERUs are shown over time in **Table 3.5**. A portion of South Weber City is expected to develop into commercial properties. This results in an increase of ERUs, but no population increase. While residential development is expected to closely follow the growth rate of the population, non-residential development can occur much differently. Therefore, the population growth does not directly correlate with the total projected ERUs. However, since the growth rate of commercial or non-residential development cannot be reliably projected, a constant growth rate is used in this report to project the total future ERUs contributing to the storm drain system. This growth rate was calculated based upon the assumption that residential and non-residential built-out will occur at roughly the same time. Based on current applications for non-residential development, it is anticipated that a higher growth rate will occur in the next 2-3 years.

Because a large percentage of future ERUs belong to non-residential development, and because there is currently so little non-residential development in the City, projections to built-out will likely not represent actual growth trends accurately. Because of this, it is highly recommended that this report be reviewed and updated as often as is necessary to reflect the most current data and more accurately account for the non-residential ERUs added to the system.

Table 3.5 – Population and ERU Projections

Year	Population Projection	Annual Growth Rate	Projected Residential ERUs	Projected Other ERUs[1]	Projected Total ERUs	Additional ERUs from 2020	Percent Increase from 2020
2010	6,051[2]	-	n/a	n/a	n/a	-	-
2020	7,867[2]	3.30%	2,379[3]	450[3]	2,829[3]	0	0%
2030	10,779	2.30%	2,931	842	3,773	944	65%
2038 (Built-out)	12,900[4]	2.30%	3,215	1,060	4,275	1,446	100%

[1]Yearly Average
[2]Census data
[3]Actual
[4]Once residential built-out occurs, the population will not increase unless zoning changes and redevelopment occur.

3.3 ERU Assessment

Residential development densities and non-residential estimates were used to calculate and project the total number of future ERUs using the values in **Table 3.2.** The totals are graphically shown in **Exhibit 3.1**. However, when it comes to the assessment of ERUs as they actually occur, it is not feasible to calculate the total square footage of hard surfacing for every home in every new development. Therefore, all residential and non-residential uses are summarized into three categories shown in **Table 3.6** below. For multi-family residential (apartments) the hard surfacing per unit is estimated to be 25% less than single family residential. All existing and future ERU's should be assessed based on the values set forth in this table.

Table 3.6 – ERU Assessment Summary

Category	Description	Assessment Value	ERU
Residential	Single Family, Duplexes, Townhomes, Condos	per lot / unit	1.00
Residential	Apartments	per unit	0.75
Non-Residential	Commercial, Industrial, Institutional, etc.	1 ERU per 3,365 sf of hard surfacing	Varies

#6 Storm Drain

JA

RIVERDALE CITY

WASHINGTON TERRACE CITY

SOUTH OGDEN CITY

UINTAH CITY

LAYTON CITY

Developable Ground

Labeled with Future ERUs	Total ERUs
Residential Very Low Density (A)	0.0
Residential Low Density (R-L)	52.7
Residential Low Moderate Density (R-LM)	307.0
Residential Moderate Density (R-M)	413.1
Residential Patio (R-P)	38.5
Residential Multi-Family (R-7)	24.3
Commercial (C)	42.3
Highway-Commercial (C-H)	346.2
Light Industrial (L-I)	164.4
Transitional Light Industrial (T-1)	3.5
Commercial Recreation (C-R)	54.0
Open Lands	0.0

Total ERUs: 1,446

City Boundaries

- South Weber
- Other

Parcels

- South Weber City
- Other Parcels

SOUTH WEBER city

NOTES:

Areas shown with future ERU's are approximate and do not in any way suggest that development of the ground is possible or approvable. The information from this map was used to estimate needs for future storm drain facilities.

SCALE: 1:24,000

MM/DD/YYYY 08/30/2021

JA JONES & ASSOCIATES

CONSULTING ENGINEERS

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

FUTURE ERU MAP

EXHIBIT **3.1**

4.0 HYDROLOGY

4.1 Introduction

Hydrology is the science of determining the occurrence, distribution, movement, and properties of water. An essential part of a storm drain capital facilities plan is the determination of runoff produced by various development types, as based on numerous parameters. In other words, to accurately determine the amount and movement of water within our study area, the hydrology of the site must be understood. Factors that affect the hydrology of a site include the slope, soil conditions, land use, and other characteristics specific to the area of interest.

Once all required data was assembled, a model was created to simulate the behavior and characteristics of stormwater runoff in various storm events. The following sections include descriptions of the parameters necessary for the construction of the stormwater model, as required by the selected modeling method. The following sections are written with the assumption that the reader is familiar with stormwater modelling methods.

4.2 Method Selection

To aid in determining the volume and characteristics of stormwater runoff, two modeling software programs were used in conjunction. WMS (Watershed Modeling Software) was used to determine the behavior of soils throughout the study area in terms of its ability to absorb and slow runoff. Autodesk SSA (Storm and Sanitary Analysis) was used to simulate rainfall events over the study area and to evaluate the effectiveness of the existing and planned storm drain system. This modeling software allows the user to select of one of many common modeling methods (e.g. EPA SWMM, Rational, Modified Rational, DeKalb Rational, Santa Barbara UH, SCS TR-20, SCS TR-55, HEC-1, UK Modified Rational), adapt parameters to match field conditions, and to ultimately evaluate stormwater runoff. The modeling method used for this study was HEC-1; discussion of the input parameters used in this method is included in this section. Parameters include the soil conditions, rainfall loss method, rainfall data, snow melt, and lag time. With these parameters, two models were created: one to estimate runoff for existing conditions, and one to estimate runoff in the future, when all available land has been developed. This was done to determine the additional runoff that can be expected due to development.

4.3 Soil Conditions

All soils will absorb some portion of the rainfall that it receives. Soils with higher porosity, such as sands and gravels, will absorb more precipitation than soils with lower porosity, such as silts and clays. Runoff occurs when soils are unable to absorb rainfall at the rate of delivery. The lower the porosity and conductivity of a soil, the higher the runoff that can be expected in any particular rain event.

The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), previously the Soil Conservation Service (SCS), has established several hydrologic soil types which can be used to approximate the properties of any soil. The mapped soils in the study area include four soil types as detailed by the Natural Resources Conservation Service (USDA, 1999):

Type A Soils:
These soils have the lowest runoff potential and consist chiefly of deep, well-drained sands and gravels.

Type B Soils:
These have a moderate rate of transmission or infiltration consisting primarily of moderately deep to deep, moderately well to well drained soils of moderately fine to moderately coarse textures.

Type C Soils:
These soils have a lower rate of infiltration and consist mainly of soils with an impervious layer which impedes the downward movement of water with moderately fine to fine texture.

Type D Soils:
These soils have the lowest infiltration rate. They are comprised primarily of clay soils with a high swelling potential, soils of permanently high-water tables, soils with a clay pan or clay layer at or near the surface, and shallow soils that overlay nearly impervious material.

Soil mapping for the study area was downloaded from the Natural Resources Conservation Service (NRCS) website. The different soil types within the study area are shown in **Appendix B**. WMS was then used to determine runoff potential using the soil types defined by the NRCS.

4.4 Runoff Calculation Method

Development usually increases the amount of rainfall that will run off any given site. This is due to the reduction in vegetation that slows down runoff, as well as the increase in impervious cover, such as buildings and pavement. The NRCS has established composite Curve Numbers (CN) which help to estimate the runoff that may occur from various land uses. The curve numbers used in this model are based on the USDA TR-55 manual with some modification as shown in the following table:

Table 4.1 – Land Use and NRCS Curve Numbers

Land Use	Soil Type "A" CN	Soil Type "B" CN	Soil Type "C" CN	Soil Type "D" CN	Impervious Percentage
Residential 1/8 acre or less (townhouses)	77	85	90	92	65
Residential 1/4 acre or less	61	75	83	87	38
Residential 1/3 acre or less	57	72	81	86	30
Residential 1/2 acre or less	54	70	80	85	25
Residential 1 acre or less	51	68	79	84	20
Residential 2 acre or less	46	65	77	82	12
Commercial and Business	89	92	94	95	85
Industrial	81	88	91	93	72
Paved (directly connected)	98	98	98	98	100
Streets (open ditches including right-of-way)	83	89	92	93	50
Open space - poor condition (grass cover <50%)	68	79	86	89	0
Open space - fair condition (grass cover 50% to 75%)	49	69	79	84	0

Land Use	Soil Type "A" CN	Soil Type "B" CN	Soil Type "C" CN	Soil Type "D" CN	Impervious Percentage
Open space – good condition (grass cover 75% to 100%)	39	61	74	80	0

Rainfall on low-density and open-space areas generally produce little runoff, as the soil has the greatest chance to absorb and slow rainwater. High density residential, industrial, and commercial areas generally have more impervious cover in the form of parking lots, buildings, and other pavement that cover natural soils and prevent absorption of rainwater. These high-density sites generally produce the greatest amount of runoff. Therefore, existing and future land use affects the results of the model. The existing and future land use maps were used in conjunction with these curve numbers to estimate the amount of runoff that will be generated by different areas within the study area.

For all residential areas, the land use type "Open space – good condition" was used. For each zoning area, the percent of impervious cover was then measured and used to determine the runoff potential. The reason for this practice was to adjust the model to more accurately represent the actual characteristics of different areas of the City, instead of using the more generalized curve numbers for different types of residential zoning.

4.5 Rainfall Data

Critical runoff events from urban areas in this region are typically caused by cloudburst-type systems with short periods of high-intensity rainfall. In order to simulate a model representative of such rain events, the Farmer-Fletcher storm distribution was used. This storm precipitation distribution was developed by Farmer and Fletcher for Salt Lake County in 1971 through the study of rainfall gauge records. The results of this study found that the majority of storms experience their highest intensities in the first and second quartile period. This distribution is widely used throughout Northern Utah.

Precipitation depths were obtained from the National Oceanic and Atmospheric Administration (NOAA) 14 Point Precipitation Frequency Estimates data server. These depths, with the Farmer-Fletcher distribution, were used to construct the model storm event. The pattern below shows the distribution of rainfall over the course of a one-hour storm event for South Weber City:

Table 4.2 – Precipitation Distribution for a 1-hour, 100-year Storm Event

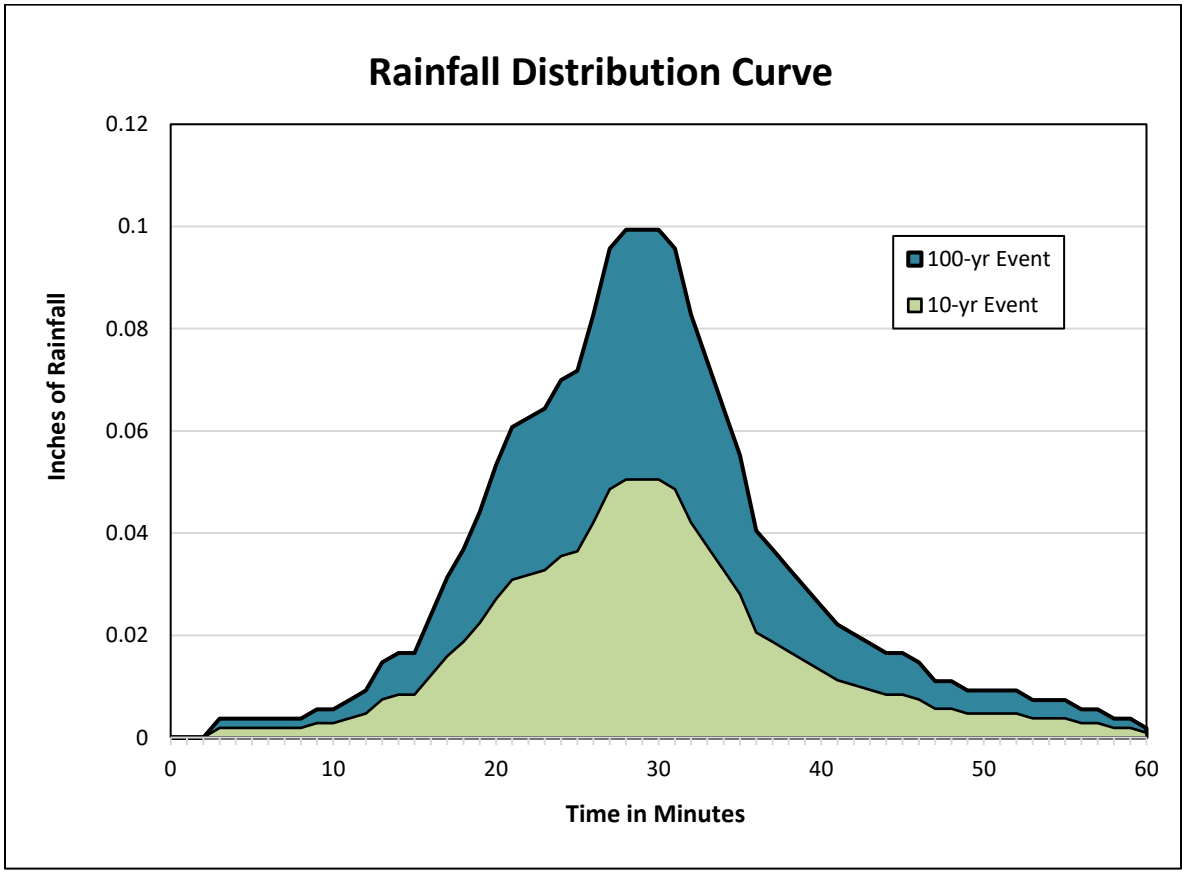
min	inches	min	inches	min	inches	min	inches	min	inches	min	inches
2	0.000	12	0.005	22	0.032	32	0.042	42	0.010	52	0.005
4	0.002	14	0.008	24	0.036	34	0.033	44	0.008	54	0.004
6	0.002	16	0.012	26	0.042	36	0.021	46	0.007	56	0.003
8	0.002	18	0.019	28	0.050	38	0.017	48	0.006	58	0.002
10	0.003	20	0.027	30	0.050	40	0.013	50	0.005	60	0.001

The magnitude of a storm is typically characterized by its recurrence interval. For example, a 10-year storm will have a one-in-ten (0.1 or 10%) chance of occurring in any year. Likewise, the chances of

getting a 100-yr storm will be 1% in any given year. This metric is not to be confused as a time increment between storms of similar magnitude. The only data upon which storm magnitudes are named is the likelihood of occurrence.

Precipitation depth for a 10-year return period was used to model the effectiveness of the storm drain system. To illustrate the difference between storm magnitudes, **Figure 4.1** below shows the incremental rainfall for a typical 10-year and 100-year 1-hour storm event.

Figure 4.1 – Rainfall Distribution Curve



4.6 Lag Time

When running a stormwater model, it is important to understand the delay that takes place between the time that rain begins to fall and the time that stormwater reaches storm drain conveyance facilities. The time between the highest rainfall intensity and the peak flow rate in a system is referred to as lag time. Lag time is influenced by ground slope, soil type, vegetation, and impermeable surfaces. The lag time for each subbasin was calculated using the SCS Method.

5.0 STORM DRAIN SYSTEM

5.1 Existing Storm Drain System Overview

In general, the topography of South Weber City slopes from the northeast to the southwest, with steeper slopes along the eastern and southern boundaries of the City, adjacent to the mountains and hillsides. Other areas to the north and west are relatively flat. In the steeper areas, the rate of accumulated runoff can peak quickly, where in the flatter areas the peak does not occur as quickly but can convey large amounts of runoff in larger storm events. The mountain canyons direct stormwater runoff toward the Weber River. Other than a few springs, there are no other naturally occurring conveyance systems (e.g. creeks, streams, etc.). The Davis & Weber Counties Canal runs through the City from the mouth of Weber Canyon on the east to the southern hillside on the west end of the City. The primary purpose of the canal is the conveyance of irrigation water. It is generally viewed as an unwise practice to discharge storm drain systems into irrigation canals. Therefore, there is only one location where stormwater is discharged into the canal. All other collection and conveyance bypass the canal. In general, the Weber River is the only natural outfall for the storm drain system.

Stormwater runoff is collected in 21 total detention ponds, which are maintained by the City. There are an additional 5 ponds/detention ponds within the study area which are either privately-owned or are owned and maintained by UDOT. These are intended to temporarily detain stormwater in an attempt to prevent overwhelming the system downstream. After stormwater is conveyed through the storm drain system, it is discharged into the Weber River.

There are over 21 miles of storm drain piping, 395 manholes, 641 catch basins (including grated manholes), and 20 control structures within the system. Groundwater may also be collected and drained into the storm drain system through land drains or by infiltration. The effect of land drains on the storm drain system is typically minimal, and therefore is not addressed in this report.

There are a few small sections of South Weber City's storm drain system comprised of open channel ditches which convey stormwater through the City. These channels require frequent maintenance to remove litter, debris, overgrown vegetation, and replace any rock lining. These maintenance/repair projects can become quite expensive, and it is recommended that regular inspection and maintenance of these areas be performed to reduce the need for major rehabilitation projects.

The existing storm drain system is shown in **Exhibit 2.1**.

5.2 Storm Water Goals and Standards

Storm drain infrastructure should be designed and implemented so that hydrology mirrors that of pre-development conditions, i.e., the amount of runoff from a new development should match the quantity of runoff that occurred before the development was in place. This is required by the General Permit issued to the City by the State Division of Water Quality.

One method of reducing the peak flows due to stormwater runoff is through the use of detention ponds. Typically, the City allows detention ponds to maintain a discharge rate of 0.1 cfs/acre served.

While this standard addresses the rate at which stormwater can leave detention ponds, it does not address the quantity of stormwater which may leave a site. Instead of reducing the volume of water that may leave a detention pond, the City has extended the amount of time in which it may leave. This allows more water, by volume, to leave a site than before development. In order to fully match pre-development conditions, stormwater that was previously absorbed should be retained onsite. The State Division of Water Quality has set a date by which these standards must be implemented as stated in Section 4.2.5.3.4 of the November 30, 2016 Storm Water General Permit:

> *"By March 1, 2020, new development or redevelopment projects… must manage rainfall onsite, and prevent the off-site discharge of the precipitation from all rainfall events less than or equal to the 80th percentile rainfall event."*

To accomplish this goal, infiltration basins, evaporation ponds, rainwater harvesting, and other rainwater reuse methods must be implemented to keep stormwater onsite. This requires development construction standards to change in order to store and treat stormwater onsite. In some cases, the implementation of this goal will be difficult, if not impossible. For these situations, the General Permit also states:

> *"If meeting this retention standard is technically infeasible, a rationale shall be provided on a case-by-case basis for the use of alternative design criteria. The project must document and quantify that infiltration, evapotranspiration, and rainwater harvesting have been used to the maximum extent technically feasible and that full employment of these control are infeasible due to site constraints."*

It is anticipated that some people will question the need for detention ponds if the general practice is to retain stormwater onsite. This is a logical argument; however, during our determination of the 80th percentile storm, it was found that, frequently, these storms occur for two or more days. In this case, onsite retention would be overwhelmed, causing all runoff beyond the pond capacity to proceed to the storm drain system for transmission. Without detention facilities, this runoff may overwhelm the storm drain system and flood areas downstream. Therefore, while it is intended that much of the runoff in typical rain events will be captured onsite, detention facilities and piping downstream are still necessary.

5.3 Analysis of the Existing System

A review of the stormwater model for existing conditions requiring correction revealed some sections of the storm drain system that were unable to convey runoff from the design 10-year storm event. There were also deficiencies detected when using the 100-year storm event to evaluate the conveyance systems to regional detention ponds. Several of these points are short sections of pipe which create bottlenecks in the system, where there is sufficient capacity both upstream and downstream. Through modeling, several of these sections have been identified.

The City's detention ponds were modeled to assess their use, effectiveness, and to identify existing or future deficiencies. In general, it was found that the detention ponds belonging to the City are appropriately sized for the 10-year storm. Regional detention ponds are sized to handle the runoff from

the 100-year storm. When analyzing the City's regional detention ponds for their capacity, all were found to be adequate for existing demands.

In some areas, the City's stormwater conveyance system relies on open irrigation channels or roadside ditches. Open channels often create drainage problems. If the channels are undersized or not maintained, flooding may occur. This is especially true where the channels run through fields or between houses. In the latter case, even in typical storm events, the yards of homes can flood, especially if debris builds up in the channel, or the channels themselves are not maintained.

Due to the sporadic frequency, intensity, and duration of storm events flooding may still occur in areas not expected to see flooding. The best way to minimize or potentially avoid this is keep debris out of the system. This is best accomplished by citizens, institutions and business owners being aware of and cleaning up any transportable debris on a regular basis. The City's Public Works Department can also keep debris out of the system by regularly cleaning inlet boxes and pipe as necessary. Regular maintenance by all involved is critical to keeping the system functioning as designed.

Exhibits 5.1 and **5.2** shows a graphical representation of the deficiencies identified by the computer model within the storm drain system. **Exhibit 5.1** shows pipes that the City is responsible for. **Exhibit 5.2** shows pipes that are the responsibility of entities other than the City. Each undersized pipe is listed with an ID number, which can be used to find additional information about the pipe in the tables included in **Appendix C** of this report.

Although many pipes were shown to be deficient, only some were determined to need upsizing. Even though a particular pipe may show as submerged in the computer model, the stormwater may only be backing up into the upstream manhole by a few inches. If the piping/conveyance system surrounding the deficiency was found to be of sufficient capacity to convey the flows to the receiving detention basin, then the system as a whole was considered sufficient, and no project was needed. If the deficiency showed flooding that could not be conveyed safely to a detention basin, then a project to remove the deficiency was created. The purpose of identifying and graphically showing all the deficiencies identified in the model was to identify "watch" areas that may need to be addressed in the future if actual regular flooding occurs. It is important to note that allow the computer model is very helpful in identifying general system improvement needs, it cannot perfectly represent all the different types of storm events that will occur. Therefore, observation of actual conditions is critical to making the best decisions.

5.4 Analysis of the Future System

The storm drain model was used not only to try to identify existing deficiencies within the storm drain system, but to identify the additional infrastructure needed to accommodate future growth. As development occurs, stormwater runoff increases during storm events. As a result, storm drain infrastructure must be able to handle the additional flows to prevent flooding. The storm drain model was used to quantify the expected demands on the system as the City develops to its full built-out state.

By using the model and parameters discussed in **Section 4.0**, some deficiencies were found within the existing storm drain system. While performing the work required to fix these deficiencies would satisfy

current needs, the demand imposed on the storm drain system will increase as development continues to take place. For this reason, the model was adjusted to account for the maximum demand that will be required of the system once all future development occurs. By using the Future Land Use Map, included as **Exhibit 2.2**, all undeveloped land within the City was adjusted in the model to reflect fully developed conditions. Doing so allowed for the determination of the future demand required by various storm drain lines throughout the City. Comparing the demands for both current and future needs help to identify areas which need preemptive work to ensure that flooding does not occur. Upsizing existing lines and constructing projects to meet future needs reduces overall costs (by preventing additional upsizing later) and provides additional security as the City continues to develop.

The City has also determined that to manage the storm drain system at a full built-out state, the City needs expanded facilities and office space for additional employees and equipment. The existing facilities are insufficient for the existing demands and are therefore also insufficient to meet future demands. A new Public Works Facility is needed. The funds for this facility will come from a variety of sources based on the services provided. The storm drain portion of this facility is estimated at 20%. Of that 20%, a portion is needed as maintenance and a portion is needed to address future growth. Based on **Table 3.4**, the current ERU's are 2,829, with a future growth of 1,446 at built-out, giving a total of 4,275. This equates to 66% attributable to maintenance and 34% attributable to future growth. For a detailed breakdown, see the cost estimate for Project #26 in **Appendix D**.

#6 Storm Drain

JA

RIVERDALE CITY

WASHINGTON TERRACE CITY

SOUTH OGDEN CITY

UINTAH CITY

LAYTON CITY

South Weber Pipes

Status

- 50 Existing Deficiency
- 50 Existing & Future Deficiency
- 50 Future Deficiency
- Sized Correctly

Highlighted Pipes:

- Watch Area
- Addressed by Project

City Boundaries

- South Weber
- Other

Parcels

- South Weber City
- Other Parcels

SOUTH WEBER city

NOTES:

This map shows pipe capacity results as determined by the storm drain computer model specifically for City-Owned piping. For more information on a numbered pipe segment, see Appendix B.

SCALE: 1:24,000

MM/DD/YYYY 05/14/2021

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

SOUTH WEBER CITY SYSTEM DEFICIENCIES

EXHIBIT 5.1

#6 Storm Drain

RIVERDALE CITY

WASHINGTON TERRACE CITY

SOUTH OGDEN CITY

UINTAH CITY

LAYTON CITY

Private Pipes

Status

50 Existing Deficiency

50 Future Deficiency

Sized Correctly

UDOT Pipes

Status

50 Existing Deficiency

50 Future Deficiency

Sized Correctly

City Boundaries

South Weber

Other

Parcels

South Weber City

Other Parcels

SOUTH WEBER city

NOTES:

This map shows pipe capacity results as determined by the storm drain computer model specifically for Private and UDOT-owned piping. These are only identified for the purpose of providing helpful information to any interested party. There are no projects identified to correct any of these deficiencies. For more information on a numbered pipe segment, see Appendix B.

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05/14/2021

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

OTHER SYSTEM DEFICIENCIES

EXHIBIT

5.2

5.5 Projects

Based upon the analyses described in **Sections 5.3** and **5.4**, the projects described in **Table 5.1** were developed to correct deficiencies in the storm drain system to meet both existing and future demands. These projects were developed so that the construction thereof, while serving current demands, ensures that all future demands will be met through built-out. **Exhibit 5.3** is the Projects Map. It shows the locations for the projects identified. The project numbers generally ascend with locations from west to east. A concept-level design of each project is contained in **Appendix E**. The location of Project #26, Public Works Facility, is shown on **Exhibit 5.3**, but a concept-level design is not provided in **Appendix E**.

While it is impossible to predict exactly where growth will occur and when, we can assume that areas more hospitable to development will develop first. Additionally, projects will be prioritized and ordered based on logical progression, criticality, condition, and timing of need. For example, projects containing existing deficiencies that could potentially cause flooding and damage to property should be prioritized. For a needs assessment summary and prioritization of projects, see **Appendix F**.

Table 5.1 – Capital Facilities Plan Projects

Project #	Project Location	Project Details
1	Regional Pond #1 & Piping	Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage on the south side of South Weber Drive.
2	Heather Cove Pond Upsizing & Piping	Expansion of the existing pond to create a Regional Detention Pond and associated piping when development occurs. The existing retention basin at the soccer facility will be abandoned.
3	Regional Pond #2 & Piping	Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage on the south side of 6650 South.
4	Regional Pond #3 & Piping	Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage to the adjacent property owner to the south.
5	Regional Pond #4 & Piping	Construction of a Local Detention Pond and associated piping when development occurs. The pipe in Old Fort Road needs to be upsized for development upstream to the east.
6	Regional Pond #5 & Piping	Construction of a Local Detention Pond and associated piping when development occurs. The pipe in Old Fort Road needs to be upsized for development upstream to the east.
7	South Weber Drive Outfall Line	Construction of an outfall line in South Weber Drive to provide a receiving line for drainage from the ground on the south side of the road.

Project #	Project Location	Project Details
8	I-84 Detention Pond Upsizing and Piping	Expansion of the existing Regional Detention Pond to provide sufficient volume when development occurs. Re-route the existing outfall line from the Canyon Vistas Subd. for sufficient cover. Overflow line to route high flows to pond.
9	7800 South Pond Improvements w/ LID	Reconstruction of the existing detention pond to become a retention facility with permanent Low Impact Development (LID) improvements.
10	Deer Run Pond Removal	Eliminate existing detention pond in the backyard of 2088 E. Deer Run Dr. Reconfigure piping and structures. Fill in detention area. Landscape repair.
11	2100 East Manhole Structure Replacement	Reconstruct manhole for better flow and to keep the lid from popping off in storm events.
12	Deer Run Dr. to 8100 South Piping and Pond Removal	Replace undersized piping under the D&W Canal between Deer Run Dr. and 8100 South to eliminate ponding in intersection of 2350 East. Also eliminate the existing detention pond in the backyard of 2328 E. and 2318 E. Deer Run Dr.
13	Peachwood Detention Pond Inlet Piping Upsize	Replace undersized piping between Deer Run Dr. and the Peachwood Detention Pond to eliminate ponding in intersection of 2475 East.
14	Canyon Drive Improvements - #1	Reconstruct curb and gutter and install piping to eliminate ponding in road and deterioration of street pavement structure.
15	Canyon Drive Improvements - #2	Reconstruct curb and gutter and install piping to eliminate ponding in road and deterioration of street pavement structure.
16	Canyon Drive Improvements - #3	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.
17	7775 South / 1800 East Improvements	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.
18	1850 East / 7840 South Improvements	Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.
19	2100 East / 7875 South / 2250 East Improvements	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.
20	View Drive / Peachwood Drive Improvements	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.
21	Cedar Bench Drive Improvements	Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Project #	Project Location	Project Details
22	8100 South Improvements	Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.
23	Deer Run Drive Improvements - #1	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2100 East to Deer Run Way)
24	Deer Run Drive Improvements - #2	Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2380 East)
25	Deer Run Drive Improvements - #3	Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2500 East to 2625 East.)
26	Public Works Site and Facility (Storm Drain Portion)	Construction of a new Public Works Site and Facility attributable to Storm Drain Facilities.

An itemized cost estimate and description for each capital improvement project is included in **Appendix D**. The project costs are summarized in **Table 5.2** below. The costs for each project are split into four categories: Existing Deficiencies, Maintenance, System Improvements (impact fee eligible), and Developer Cost. This division is necessary for the determination of which funds may be used to pay for a project. The "Existing Deficiency" column represents the costs of each project attributable to correcting existing problems within the system. The "Maintenance" column represents the costs of each project attributable to regular maintenance needs. For example, an area may have poor drainage (settled curb and gutter or a waterway that holds water) that can only be permanently solved with a project, however, the area still serves its primary purpose in conveying the stormwater and is therefore not an existing deficiency. The "Impact Fee Eligible" column represents the costs of each project which provide improvements that are needed to accommodate future development. Costs in the "Impact Fee Eligible" column are used to calculate impact fees. The "Developer Cost" column represents the portion of the project that is attributable to infrastructure required only for that particular development. This is needed as a base line to determine the upsized portion that is impact fee eligible. When a development occurs in one of the project areas, the City will require the associated infrastructure to be upsized in order to accommodate future upstream demands. The City will reimburse the developer for the upsized portion of the project using impact fees collected. The amount in the "Developer Cost" column is of no consequence in this report, since those costs are borne by the developer. Therefore, these costs are included for reference only, to be able to show all costs associated with the total project cost.

Table 5.2 – Project Cost Summary and Breakdown

Project No.	Project Description	Total Estimated Cost	Cost Breakdown			
			Existing Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Regional Pond #1 & Piping	$ 945,000	$ -	$ -	$ 233,070	$ 711,930
2	Heather Cove Pond Upsizing & Piping	$ 411,950	$ -	$ 51,570	$ 30,910	$ 329,470
3	Regional Pond #2 & Piping	$ 473,070	$ -	$ -	$ 5,000	$ 468,070
4	Regional Pond #3 & Piping	$ 462,000	$ -	$ -	$ 195,630	$ 266,370
5	Regional Pond #4 & Piping	$ 393,500	$ -	$ -	$ 20,630	$ 372,870
6	Regional Pond #5 & Piping	$ 355,950	$ -	$ -	$ 6,750	$ 349,200
7	South Weber Drive Outfall Line	$ 839,700	$ -	$ -	$ 839,700	$ -
8	I-84 Detention Pond Upsizing and Piping	$ 621,410	$ 220,040	$ -	$ 10,500	$ 390,870
9	7800 South Pond Improvements w/ LID	$ 103,500	$ -	$ 103,500	$ -	$ -
10	Deer Run Pond Removal	$ 71,250	$ -	$ 71,250	$ -	$ -
11	2100 East Manhole Structure Replacement	$ 12,630	$ -	$ 12,630	$ -	$ -
12	Deer Run Dr. to 8100 South Piping and Pond Removal	$ 499,950	$ 315,950	$ 184,000	$ -	$ -
13	Peachwood Detention Pond Inlet Piping Upsize	$ 177,320	$ 77,630	$ 100,250	$ -	$ -
14	Canyon Drive Improvements - #1	$ 488,500	$ -	$ 488,500	$ -	$ -
15	Canyon Drive Improvements - #2	$ 294,630	$ -	$ 294,630	$ -	$ -
16	Canyon Drive Improvements - #3	$ 244,130	$ -	$ 244,130	$ -	$ -
17	7775 South / 1800 East Improvements	$ 759,690	$ -	$ 759,690	$ -	$ -
18	1850 East / 7840 South Improvements	$ 80,850	$ -	$ 80,850	$ -	$ -
19	2100 East / 7875 South / 2250 East Improvements	$ 437,000	$ -	$ 437,000	$ -	$ -
20	View Drive / Peachwood Drive Improvements	$ 555,560	$ -	$ 555,560	$ -	$ -
21	Cedar Bench Drive Improvements	$ 121,220	$ -	$ 121,220	$ -	$ -
22	8100 South Improvements	$ 64,210	$ -	$ 64,210	$ -	$ -

Project No.	Project Description	Total Estimated Cost	Cost Breakdown			
			Existing Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
23	Deer Run Drive Improvements - #1	$ 400,000	$ -	$ 400,000	$ -	$ -
24	Deer Run Drive Improvements - #2	$ 84,810	$ -	$ 84,810	$ -	$ -
25	Deer Run Drive Improvements - #3	$ 363,380	$ -	$ 363,380	$ -	$ -
26	Public Works Site and Facility (Storm Drain Portion)	$ 1,496,830	$ -	$ 987,910	$ 508,920	$ -
	TOTAL	**$ 10,758,600**	**$ 613,620**	**$5,405,090**	**$ 1,851,110**	**$ 2,888,780**

Project Number	Project Name
1	Regional Pond #1 & Piping
2	Heather Cove Pond Upsizing & Piping
3	Regional Pond #2 & Piping
4	Regional Pond #3 & Piping
5	Regional Pond #4 & Piping
6	Regional Pond #6 & Piping
7	South Weber Drive Outfall Line
8	I-84 Detention Pond Upsizing and Piping
9	7800 South Pond Improvements w/ LID
10	Deer Run Pond Removal
11	Mahole Structure Replacement
12	Deer Run Dr to 8100 S Piping
13	Peachwood Drive Pipe Upsizing
14	Canyon Drive Improvements - #1
15	Canyon Drive Improvements - #2
16	Canyon Drive Improvements - #3
17	7775 S / 1800 E Improvements
18	1850 E Improvements
19	2100 E / 7875 S / 2250 E Improvements
20	View Dr / Peachwood Dr Improvements
21	Cedar Bench Dr Improvements
22	8100 S Improvements
23	Deer Run Dr Improvements - #1
24	Deer Run Dr Improvements - #2
25	Deer Run Dr Improvements - #3
26	South Weber City Public Works Facility

Future Facilities
- Future Pipes
- Future Catch Basin
- Manhole
- Future Detention Basin
- Future Project

Existing Facilities
- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

City Boundary
- South Weber
- Other

NOTES:

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SOUTH WEBER CITY
STORM DRAIN CAPITAL FACILITIES PLAN
PROJECTS MAP

EXHIBIT 5.3

SOUTH WEBER city

5.6 System Replacement Analysis

All infrastructure has a design life. This is the duration of time in which it is expected to perform before replacement is necessary. For the purpose of this study, an analysis of the existing system was performed in order to determine the age and material type of various sections of the storm drain system, and to evaluate the cost of replacement as the design lifetime is reached.

The age and material type for 80% of the system was able to be determined or approximated. The remaining 20% is unknown. Of the known portion, 90% of the piping is reinforced concrete pipe (RCP) with the remaining 10% made up of high-density polyethylene (HDPE). For the purposes of this report, the design life for RCP and HDPE is estimated to be 100 years. The oldest pipes in the storm drain system are estimated to be approximately 50 – 60 years old, with the vast majority only 20 – 30 years old.

Given that the remaining design life exceeds the evaluation period of this report with no reports of material failures from Public Works, no replacement projects are included in this report. We recommend continuing to assess and document the condition of the existing system. Future reports should include any replacement projects as soon as they are within the evaluation window.

5.7 Needs Assessment and Prioritization of Projects

As detailed in the previous sections, the existing and future storm drain systems have been analyzed to determine necessary system improvements. An assessment of each project's criticality, condition, and when the project is anticipated to be needed was performed and is contained in **Appendix F**. For projects related to future development, location and previous development inquiries with the City were evaluated to assess where upcoming development is expected to create the greatest need within the storm drain system. A scale of 0 – 5 was used, with 5 receiving the highest priority and 0 being needed only with development. The project numbers generally ascend with locations from west to east but are re-ordered in the table according to their evaluation score with the highest scoring projects at the top of the table, thus showing the order in which projects should be accomplished. Development may occur in areas not anticipated. For those situations, adjustments should be made to make sure the planned upsizing is incorporated.

6.0 IMPACT FEE FACILITIES PLAN

6.1 Introduction

Utah state law requires that an Impact Fee Facilities Plan (IFFP) be prepared before an Impact Fee can be implemented. Title 11-36a, Section 300, of the Utah State Code outlines the requirements of the Impact Fee Analysis. The IFFP is a subset of the data contained in the Capital Facilities Plan, and pertinent information will be summarized in this section. An analysis to determine the actual impact fee will be performed by a financial expert and will be submitted in a separate document.

The storm drain impact fee will be used as a way for new development to pay for their contribution to the needed improvements to the storm drain system. The state law requires that the IFFP only contains the cost for projects expected to take place within 6-10 years and must not raise the level of existing service. This section summarizes sections 1-5 of this report (Capital Facilities Plan) as it pertains to the enactment of an impact fee.

6.2 Level of Service

At the commencement of this study, South Weber City's storm water policy was that the runoff from a 10-year storm should be contained in the piping system and local detention ponds. The runoff from a 100-year storm should be contained in regional detention ponds and should be effectively conveyed to the ponds through the piping system. This is the current level of service provided.

Any part of the existing storm drain system which is not able to meet the current level of service is considered a deficiency within the system. The table in **Section 5.5** summarizes all the capital facilities projects' estimated costs. If some or all of a project corrects an existing deficiency, the cost associated with that correction is included in the "Existing Deficiency" column. These costs should not be considered for use in the calculation of an impact fee. If some or all of a project is meant to increase the capacity of the system to meet future demands at the existing level of service, the cost associated with that upsizing is included in the "Impact Fee Eligible" column. These costs should be used for the calculation of an impact fee.

6.3 Excess Capacity

Excess capacity is any capacity within the storm drain system which is not currently utilized, but can aid in serving the demands imposed by future growth.

Utah Code 11-36a-202 (Prohibitions on Impact Fees) states:

(1) A local political subdivision or private entity may not:

(a) impose an impact fee to:

(i) cure deficiencies in a public facility serving existing development;

(ii) raise the established level of service of a public facility serving existing development;

(iii) recoup more than the local political subdivision's or private entity's costs actually incurred for excess capacity in an existing system improvement; or

(iv) include an expense for overhead, unless the expense is calculated pursuant to a methodology that is consistent with:

(A) generally accepted cost accounting practices; and
(B) the methodological standards set forth by the federal Office of Management and Budget for federal grant reimbursement.

At the time of this study, no recently constructed storm drain projects were considered as having excess capacity.

6.4 Population Projection

Section 3.2 of this report discusses long-term growth projections for South Weber City. The IFFP will focus on growth over the next decade, and projects associated with this growth.

In **Section 3.2.1**, population growth projections were discussed and outlined. Therefore, using the expected growth rates from this section, the population and ERU counts for the next ten years were estimated, as shown in **Table 6.1**:

Table 6.1 – Population and ERU Projections (IFFP)

Year	Population	ERUs	Increase from 2020	Percent Increase from 2020
2020	7,867	2,829	0	0%
2021	8,127	3,110	281	19%
2022	8,395	3,345	516	36%
2023	8,672	3,395	566	39%
2024	8,958	3,446	617	43%
2025	9,254	3,498	669	46%
2026	9,559	3,551	722	50%
2027	9,874	3,605	776	54%
2028	10,200	3,660	831	58%
2029	10,537	3,716	887	62%
2030	10,779	3,773	944	65%

6.5 Future Development Needs

While it is nearly impossible to predict exactly where growth will occur over the next ten years, we can assume that areas more hospitable to development will develop first. **Table 6.2** shows the projects which are planned to be completed within the next ten years that are also impact fee eligible. Projects needed for existing deficiencies or maintenance only are not included in the table. Funding for these projects should be analyzed as part of a storm drain utility fee analysis. The column labeled "Impact Fee Eligible" are the costs of the project that may be paid for through impact fees. As discussed in **Section 5.5**, the "Developer Costs" represent the portion of the project that is attributable to infrastructure required only for that particular development. These costs are included for reference only, to be able to show all costs associated with the total project cost.

System improvements related to impact fee eligible costs are assumed to be constructed at the same rate that ERUs are added to the system. As shown in Table 6.1, the percent of additional ERUs added to the system in the next 10 years is 65% (or 944 new ERUs). The cost of the improvements and added capacity to the system are assumed to grow at the same rate.

Table 6.2 – Projects Cost Summary (IFFP)

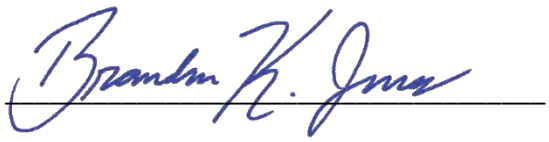
Project No.	Project Description	Total Estimated Cost	Cost Breakdown			
			Existing Deficiency	Maintenance	Impact Fee Eligible	Developer Costs
26	Public Works Site and Facility (Storm Drain Portion)	$ 1,496,830	$ -	$ 987,910	$ 508,920	$ -
2	Heather Cove Pond Upsizing & Piping	$ 411,950	$ -	$ 51,570	$ 30,910	$ 329,470
8	I-84 Detention Pond Upsizing and Piping	$ 621,410	$ 220,040	$ -	$ 10,500	$ 390,870
7	South Weber Drive Outfall Line	$ 839,700	$ -	$ -	$ 839,700	$ -
4	Regional Pond #3 & Piping	$ 462,000	$ -	$ -	$ 195,630	$ 266,370
5	Regional Pond #4 & Piping	$ 393,500	$ -	$ -	$ 20,630	$ 372,870
1	Regional Pond #1 & Piping	$ 945,000	$ -	$ -	$ 233,070	$ 711,930
3	Regional Pond #2 & Piping	$ 473,070	$ -	$ -	$ 5,000	$ 468,070
6	Regional Pond #5 & Piping	$ 355,950	$ -	$ -	$ 6,750	$ 349,200
	TOTAL	$ 5,999,410	$ 220,040	$ 1,039,480	$ 1,851,110	$ 2,888,780
% System Improvements Constructed in next 10 years				**65%**	**$ 1,203,220**	
			% Remaining to Built-Out	35%	$ 647,890	

6.6 Certification

Per Utah Code 11-36a-306(1) – Certification of impact fee facilities plan:

I certify that the attached impact fee facilities plan:

1. includes only the costs of public facilities that are:
    a. allowed under the Impact Fees Act; and
    b. actually incurred; or
    c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;
2. does not include:
    a. costs of operation and maintenance of public facilities;
    b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents; or
    c. an expense for overhead, unless the expense is calculated pursuant to a methodology that is consistent with generally accepted cost accounting practices and the methodological standards set forth by the federal Office of Management and Budget for federal grant reimbursement; and
3. complies in each and every relevant respect with the Impact Fees Act.



Brandon K. Jones, P.E. – City Engineer

7.0 ACKNOWLEDGEMENTS

Gathering data and information for use in this report can be tedious. Understanding how the storm drain system works is critical when modeling the system. We would like to thank the following individuals for their assistance in the preparation of this report:

- South Weber City Public Works Department, in particular Mark Larsen, Mark Johnson, and Bryan Wageman.
- South Weber City Finance Director, Mark McRae.
- Brandon Tremelling (Jones & Associates) for taking lead on the study and running the computer model.
- Kuyler Thompson (Jones & Associates) for providing the mapping.
- Steven Heiner (Jones & Associates) and many interns over the years who have collected GPS data on the storm drain system.

8.0 WORKS CITED

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Exhibits

Appendix A

Existing ERU Analysis

APPENDIX A

Storm Drain - Existing ERU Analysis

	Name	Service Address		Description	Contributing Hard Surfacing				ERUs[1]
		Address	Street		Units or Bldg Area (sf)	Asphalt (sf)	Concrete (sf)	TOTAL (sf)	
	--- Residential ---								
1	Single-Family Home	City-wide		Single-Family	2,338	-	-	-	**2,338**
2	Duplex / Multi-Family	City-wide		Multi-Family	9	-	-	-	**9**
3	Cambridge Crossings Apts	2075 East	7550 South	Residential Apartments	45,931	50,615	11,320	107,866	**32.1**
								Total ERU's	**2,379**

--- Non-Residential ---

	Name	Service Address		Description	Contributing Hard Surfacing				ERUs[1]
		Address	Street		Units or Bldg Area (sf)	Asphalt (sf)	Concrete (sf)	TOTAL (sf)	
	--- Industrial ---								
1	Kastle Rock Excavation	244 West	South Weber Drive	General Light Industrial	0	0	0	0	**0.0**
2	Keith Kap & Sons Excavating (Mountain View Contracting)	978 East	South Weber Drive	General Light Industrial	0	0	0	0	**0.0**
3	South Valley Storage (Stanbridge, Lanna)	2212 East	7400 South	Mini-Warehouse	16,021	23,474	1,136	40,631	**12.1**
4	Jack B Parsons-Scale House	7425 South	2700 East	Gravel Pit	0	168,736	0	168,736	**50.1**
5	Jack P Parsons - Dust Control	2585 East	South Weber Drive						
6	Geneva Rock Products	2830 East	Cornia Dr	Gravel Pit	0	0	0	0	**0.0**
7	Bouchard Constrction	1150 East	South Weber Drive	General Light Industrial	5,021	11,101	2,702	18,824	**5.6**
8	Nix Construction	1460 East	South Weber Drive	General Light Industrial	0	2,780	0	2,780	**0.8**
9	Sure Steel	7528 South	Cornia Road	Manufacturing	19,973	36,091	6,467	62,531	**18.6**
10a	D&L Hauling & Excavating	7636 South	Cornia Dr	High-Cube Warehouse	12,804	0	37,790	50,594	**7.5**
10b	C&A Plumbing								**7.5**
11	South Weber Storage LC	2192 East	South Weber Drive	Storage Units	28,417	24,210	4,133	56,760	**16.9**
								Total ERU's	**119.1**

APPENDIX A

Storm Drain - Existing ERU Analysis

	Name	Service Address		Description	Contributing Hard Surfacing				ERUs[1]
		Address	Street		Units or Bldg Area (sf)	Asphalt (sf)	Concrete (sf)	TOTAL (sf)	
	--- Commercial ---								
1	Pryme Corp. (Kaisha Taylor)	570 East	South Weber Drive	General Office Building	2,480	5,515	6,126	14,121	**4.2**
2	South Weber Water Improv. District	7924 South	1900 East	General Office Building	2,699	6,282	131	9,112	**2.7**
3	Daines, Todd & Wilson, Sheila	7385 South	1200 East	General Light Industrial	3,337	9,865	3,033	16,235	**4.8**
4	Bruce's Auto Body Repair LLC	7279 South	1600 East #1	General Light Industrial	4,099	0	4,503	8,602	**2.6**
5	Petersen Farms Assisted Living	6980 South	475 East	Assisted Living	21,004	14,872	6,129	42,005	**12.5**
6	Elite Training Centers / LaRocca	128 East	South Weber Drive	Soccer Complex	67,073	29,417	5,368	101,858	**30.3**
7	L&J Auto Repair	7420 South	1025 East	Auto Repair	0	0	0	0	**0.0**
								Total ERU's	**57.0**
	--- Retail ---								
1	Maverik, Inc	2577 East	South Weber Drive	Gasoline/Service Station with C-Market	11,715	74,215	8,661	94,591	**28.1**
2	Ray's Valley Service	1589 East	South Weber Drive	Gasoline/Service Station with C-Market	5,748	19,076	1,132	25,956	**7.7**
3	South Weber Drive Commercial (Lot 1)	2572	South Weber Drive	Dining, Clinic	6,961	13,520	11,494	31,975	**9.5**
4	South Weber Drive Commercial (Lot 2)	2532	South Weber Drive	Parking	0	4,959	130	5,089	**1.5**
								Total ERU's	**46.8**
	--- Churches ---								
1	LDS Church	1401 East	South Weber Drive	Church	20,344	76,016	12,215	108,575	**32.3**
2	LDS Church	1814 East	7775 South	Church	18,426	66,411	11,825	96,662	**28.7**
3	LDS Church (Stake Center)	7989 South	2250 East	Church	28,846	62,593	8,050	99,489	**29.6**
4	LDS Church	2620 East	8200 South	Church	18,512	57,326	11,207	87,045	**25.9**
								Total ERU's	**116.4**

APPENDIX A

Storm Drain - Existing ERU Analysis

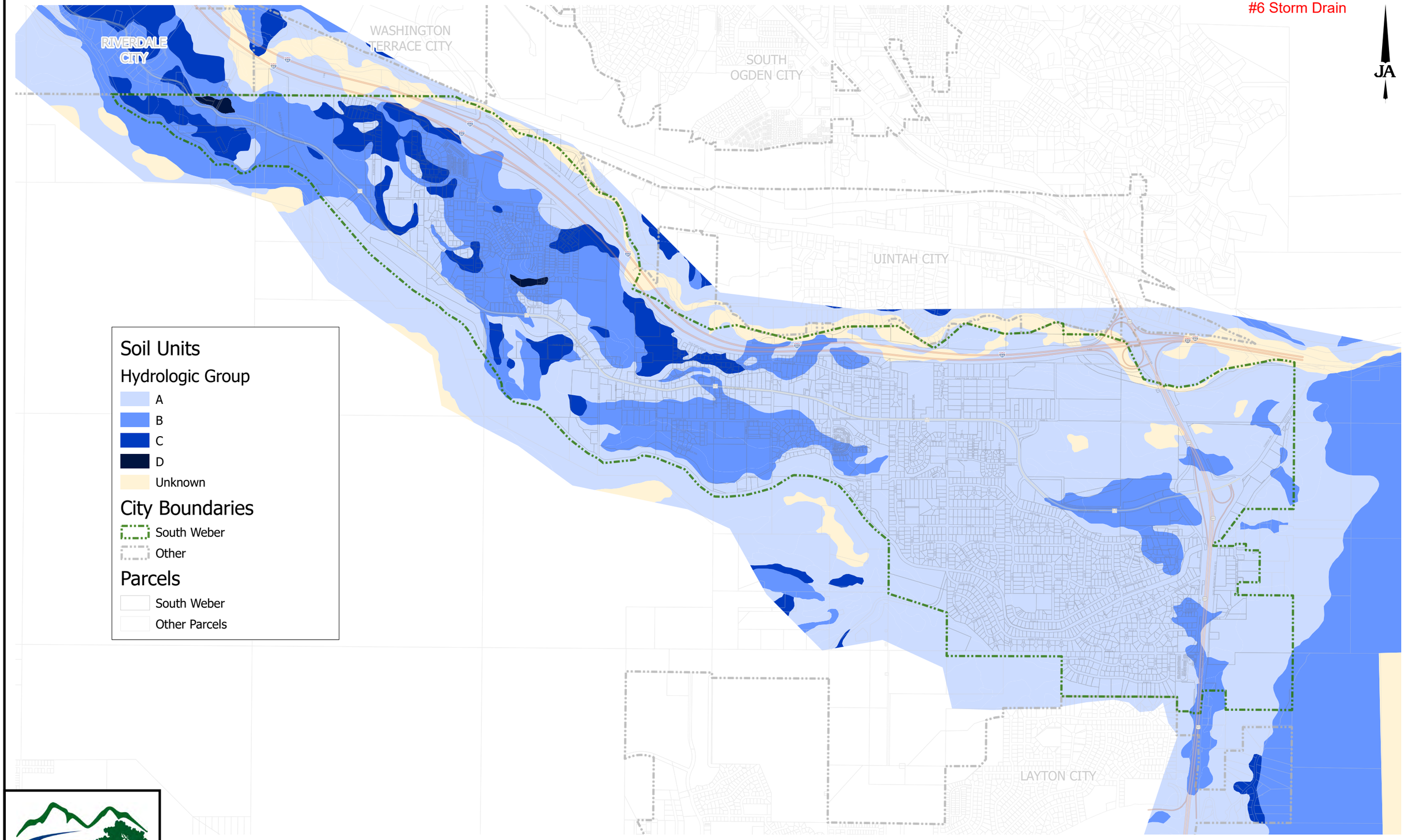
	Name	Service Address: Address	Service Address: Street	Description	Contributing Hard Surfacing: Units or Bldg Area (sf)	Asphalt (sf)	Concrete (sf)	TOTAL (sf)	ERUs[1]
	--- Schools / Government ---								
1	Davis County School District	1285 East	Lester Street	Elementary Building	60,001	54,925	27,338	142,264	**42.3**
2	Davis County School District	1285 East	Lester Street	K2 Building	36,137	26,990	34,724	97,851	**29.1**
3	High Mark Charter School	2467 East	South Weber Drive	Middle School/Junior High School	38,772	78,473	14,908	132,153	**39.3**
4	USDA Forest Service/Job Corp	7400 South	Cornia Dr	Job Corp (Youth Instructional Facility)	0	0	0	0	**0.0**
5	Pacificorp	6650 South	800 East	Sub Station	0	0	0	0	**0.0**
								Total ERU's	**110.6**
								Grand Total ERU's	**2,829**

[1] *All Single Family Residential are counted as 1 ERU, Multi-Family is counted as 1 ERU per dwelling unit. All others are calculated based upon the total square feet of hard surface divided by 3,365 ft.*

Appendix B

South Weber City Soils Map

#6 Storm Drain



SOUTH WEBER city

NOTES:
Mapped soil units are from the U.S. Department of Agriculture, Natural Resources Conservation Service. Publication "Soil Survey Geographic (SSURGO) database for Davis-Weber Area, Utah".

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05/14/2021

JONES & ASSOCIATES

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SOUTH WEBER CITY
STORM DRAIN CAPITAL FACILITIES PLAN

SOUTH WEBER CITY SOILS MAP

APPENDIX
B

Appendix C

Pipe Analysis Summary

Table C.1 – Required Improvements to City-Owned Storm Drain Piping

Pipes	Length (ft)	Existing Diameter (in)	Improved Diameter (in)	Future Diameter (in)	Existing Capacity (cfs)	Improved Capacity (cfs)	Future Capacity (cfs)	Demand (cfs)	Upsizing Required
59	57	24	24	30	27.4	27.4	38.3	27.5	Future Deficiency
157	182	18	18	24	13.5	13.5	26.3	19.9	Future Deficiency
158	312	18	21	24	10.4	15.0	20.5	19.9	Ex. and Fut. Deficiency
180	47	12	12	24	11.9	11.9	60.7	34.0	Future Deficiency
217	113	18	18	24	17.6	17.7	34.3	19.9	Future Deficiency
218	46	18	18	24	19.6	19.6	35.3	19.9	Future Deficiency
219	120	18	18	24	15.2	15.2	29.1	19.9	Future Deficiency
253	724	24	30	36	20.5	35.5	54.8	40.5	Ex. and Fut. Deficiency
254	290	24	30	36	25.6	43.1	64.4	54.7	Ex. and Fut. Deficiency
293	257	24	36	36	25.0	61.2	61.2	41.8	Existing Deficiency
301	61	15	18	18	14.1	21.5	21.5	16.2	Existing Deficiency
416	314	24	30	30	21.8	36.1	36.1	25.2	Existing Deficiency
422	180	12	24	24	3.2	12.5	12.5	12.4	Existing Deficiency
423	75	15	18	18	8.4	12.4	12.4	12.4	Existing Deficiency
427	318	15	18	18	6.5	10.0	10.0	9.1	Existing Deficiency
428	19	15	18	18	9.7	12.7	12.7	12.4	Existing Deficiency
449	162	24	30	30	36.1	60.5	60.5	39.5	Existing Deficiency
470	69	24	24	30	24.4	24.4	33.3	27.5	Future Deficiency
473	210	24	30	30	22.6	36.2	36.2	27.5	Existing Deficiency
476	296	24	24	30	22.0	22.0	36.3	22.1	Future Deficiency
588	88	15	18	18	11.3	17.3	17.3	14.7	Existing Deficiency
602	120	18	18	30	16.8	16.8	52.8	22.8	Future Deficiency
617	178	15	18	18	11.7	18.4	18.4	16.2	Existing Deficiency
618	257	15	21	24	10.2	23.7	32.8	16.2	Ex. and Fut. Deficiency
629	402	18	21	24	10.9	16.0	22.0	15.5	Ex. and Fut. Deficiency
637	499	24	24	30	19.6	19.6	33.0	20.1	Future Deficiency
693	123	24	24	30	30.6	30.6	49.2	33.3	Future Deficiency
694	581	24	24	30	24.0	24.0	41.5	33.3	Future Deficiency

Pipes	Length (ft)	Existing Diameter (in)	Improved Diameter (in)	Future Diameter (in)	Existing Capacity (cfs)	Improved Capacity (cfs)	Future Capacity (cfs)	Demand (cfs)	Upsizing Required
717	254	15	18	18	8.3	13.0	13.0	11.4	Existing Deficiency
718	245	15	18	18	6.1	9.3	9.3	11.4	Existing Deficiency
761	209	15	15	18	9.4	9.4	14.7	10.2	Future Deficiency
774	116	15	18	18	8.4	12.8	12.8	9.5	Existing Deficiency
786	4	18	24	24	26.8	42.6	42.6	41.8	Existing Deficiency
815	535	18	24	24	11.5	23.6	23.6	16.1	Existing Deficiency
819	133	36	36	42	68.7	68.8	89.0	72.9	Future Deficiency
821	259	36	36	42	55.8	55.9	74.0	72.9	Future Deficiency
858	323	8	8	18	1.6	1.6	12.5	11.1	Future Deficiency
868	394	15	15	24	6.5	6.5	20.5	12.6	Future Deficiency
878	389	18	21	24	8.1	11.6	15.6	14.9	Ex. and Fut. Deficiency
879	390	18	18	24	10.3	10.3	20.6	14.9	Future Deficiency
886	181	18	21	30	12.2	17.3	36.8	24.8	Ex. and Fut. Deficiency
916	179	15	18	18	10.5	16.5	16.5	12.9	Existing Deficiency
979	128	15	18	18	12.2	19.0	19.0	17.2	Existing Deficiency
1048	117	18	18	24	17.6	17.6	34.3	19.0	Future Deficiency
1049	151	18	18	24	17.7	17.7	35.1	19.0	Future Deficiency
1055	131	24	24	30	50.4	50.5	85.7	51.7	Future Deficiency
1056	129	24	24	30	46.3	46.3	78.1	51.7	Future Deficiency
1057	103	24	24	30	42.5	42.5	70.3	51.7	Future Deficiency
1058	223	24	30	36	29.8	50.0	74.7	51.7	Ex. and Fut. Deficiency
1109	95	15	18	18	11.3	17.4	17.4	14.7	Existing Deficiency

Table C.2 – Required Improvements to Privately-Owned Storm Drain Piping

Pipes	Length (ft)	Existing Diameter (in)	Improved Diameter (in)	Future Diameter (in)	Existing Capacity (cfs)	Improved Capacity (cfs)	Future Capacity (cfs)	Demand (cfs)	Upsizing Required
75	85	24	24	30	31.6	31.6	49.2	36.6	Future Deficiency
94	362	12	18	18	3.2	8.4	8.4	5.8	Existing Deficiency
173	128	12	12	15	5.6	5.6	9.6	7.4	Future Deficiency
174	96	9	9	15	2.8	2.8	9.5	7.4	Future Deficiency
175	98	6	6	24	0.6	0.6	14.6	7.4	Future Deficiency
179	62	12	12	15	6.5	6.5	10.9	7.5	Future Deficiency
180	416	12	12	18	3.3	3.3	9.1	7.5	Future Deficiency
207	204	24	24	30	26.7	26.7	43.9	39.5	Future Deficiency
208	46	24	30	30	60.0	97.3	97.3	88.4	Existing Deficiency
209	109	24	30	30	35.6	58.0	58.0	46.3	Existing Deficiency
210	111	24	30	30	31.4	50.2	50.2	46.3	Existing Deficiency
211	234	24	30	30	22.8	36.9	36.9	36.6	Existing Deficiency
212	375	24	30	30	19.3	31.8	31.8	31.1	Existing Deficiency
214	334	24	30	30	23.7	39.9	39.9	31.1	Existing Deficiency
233	167	12	15	15	3.3	5.5	5.5	3.3	Existing Deficiency
265	119	12	12	18	4.1	4.1	10.5	7.6	Future Deficiency
266	545	12	12	24	1.8	1.8	8.3	7.6	Future Deficiency
293	21	12	12	15	10.8	10.8	17.7	11.4	Future Deficiency
448	202	15	15	18	6.5	6.5	10.0	7.0	Future Deficiency

Appendix D

Itemized Cost Estimates

Project # **1** **Regional Pond #1 & Piping**

Description: Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage on the south side of South Weber Drive.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	300	lf	$ 50	$ 15,000	$ -	$ -	$ -	$ 15,000
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	300	lf	$ 80	$ 24,000	$ -	$ -	$ 4,500	$ 19,500
4	Furnish & Install 30" RCP	500	lf	$ 100	$ 50,000	$ -	$ -	$ 10,000	$ 40,000
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	260	lf	$ 160	$ 41,600	$ -	$ -	$ 15,600	$ 26,000
7	Remove Existing Pipe		lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure		ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box		ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	5	ea	$ 5,000	$ 25,000	$ -	$ -	$ 6,250	$ 18,750
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1	ea	$ 15,000	$ 15,000	$ -	$ -	$ 3,750	$ 11,250
14	Construct Detention Pond	4.68	AF	$ 40,000	$ 187,200	$ -	$ -	$ 46,800	$ 140,400
15	Remove & Replace Curb & Gutter		lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch		sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	68,000	sf	$ 2	$ 136,000	$ -	$ -	$ 34,000	$ 102,000
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	1.56	Ac	$ 120,000	$ 187,200	$ -	$ -	$ 46,800	$ 140,400
20	Mobilization	1	ls	$ 50,000	$ 50,000	$ -	$ -	$ 12,500	$ 37,500
21	Traffic Control	1	ls	$ 25,000	$ 25,000	$ -	$ -	$ 6,250	$ 18,750
				Subtotal	$ 756,000	$ -	$ -	$ 186,450	$ 569,550
				15% Engineering & Construction Management	113,400	-	-	27,970	85,430
				10% Contingency	75,600	-	-	18,650	56,950
				TOTAL	**$ 945,000**	**$ -**	**$ -**	**$ 233,070**	**$ 711,930**

Notes:
The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 1.56 Ac.

Project # **2** **Heather Cove Pond Upsizing & Piping**

Description: Expansion of the existing pond to create a Regional Detention Pond and associated piping when development occurs. The existing retention basin at the soccer facility will be abandoned.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	550 lf	$ 50	$ 27,500	$ -	$ -	$ 8,250	$ 19,250
2	Furnish & Install 18" RCP	580 lf	$ 65	$ 37,700	$ -	$ -	$ -	$ 37,700
3	Furnish & Install 24" RCP	170 lf	$ 80	$ 13,600	$ -	$ -	$ 11,968	$ 1,632
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	200 lf	$ 120	$ 24,000	$ -	$ -	$ -	$ 24,000
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	250 lf	$ 25	$ 6,250	$ -	$ 6,250	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	2 ea	$ 3,000	$ 6,000	$ -	$ -	$ -	$ 6,000
11	Furnish & Install Manhole	5 ea	$ 5,000	$ 25,000	$ -	$ -	$ -	$ 25,000
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1 ea	$ 15,000	$ 15,000	$ -	$ -	$ 4,500	$ 10,500
14	Construct Detention Pond	0.90 AF	$ 40,000	$ 36,000	$ -	$ -	$ -	$ 36,000
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	20,000 sf	$ 2	$ 40,000	$ -	$ -	$ -	$ 40,000
18	Imported Fill Material	1,400 cy	$ 25	$ 35,000	$ -	$ 35,000	$ -	$ -
19	Property Purchase	0.45 Ac	$ 50,000	$ 22,500	$ -	$ -	$ -	$ 22,500
20	Mobilization	1 ls	$ 27,000	$ 27,000	$ -	$ -	$ -	$ 27,000
21	Traffic Control	1 ls	$ 14,000	$ 14,000	$ -	$ -	$ -	$ 14,000
			Subtotal	$ 329,550	$ -	$ 41,250	$ 24,720	$ 263,580
			15% Engineering & Construction Management	49,440	-	6,190	3,710	39,530
			10% Contingency	32,960	-	4,130	2,480	26,360
			TOTAL	**$ 411,950**	**$ -**	**$ 51,570**	**$ 30,910**	**$ 329,470**

Notes:

The depth of the detention pond is assumed to be an average of 2'. Therefore, the surface area of this pond is 0.45 Ac.

The pond property and undeveloped ground to the south are owned by South Weber City for a Public Works Facility. For this project, the City would be considered the Developer.

Project # **3** **Regional Pond #2 & Piping**

Description: Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage on the south side of 6650 South.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,500 lf	$ 50	$ 75,000	$ -	$ -	$ -	$ 75,000
2	Furnish & Install 18" RCP	650 lf	$ 65	$ 42,250	$ -	$ -	$ -	$ 42,250
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	200 lf	$ 120	$ 24,000	$ -	$ -	$ 4,000	$ 20,000
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	2 ea	$ 3,000	$ 6,000	$ -	$ -	$ -	$ 6,000
11	Furnish & Install Manhole	7 ea	$ 5,000	$ 35,000	$ -	$ -	$ -	$ 35,000
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1 ea	$ 15,000	$ 15,000	$ -	$ -	$ -	$ 15,000
14	Construct Detention Pond	1.24 AF	$ 40,000	$ 49,600	$ -	$ -	$ -	$ 49,600
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	19,000 sf	$ 2	$ 38,000	$ -	$ -	$ -	$ 38,000
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	0.41 Ac	$ 120,000	$ 49,600	$ -	$ -	$ -	$ 49,600
20	Mobilization	1 ls	$ 29,000	$ 29,000	$ -	$ -	$ -	$ 29,000
21	Traffic Control	1 ls	$ 15,000	$ 15,000	$ -	$ -	$ -	$ 15,000
			Subtotal	$ 378,450	$ -	$ -	$ 4,000	$ 374,450
			15% Engineering & Construction Management	56,770		-	600	56,170
			10% Contingency	37,850		-	400	37,450
			TOTAL	**$ 473,070**	**$ -**	**$ -**	**$ 5,000**	**$ 468,070**

Notes:
The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 0.41 Ac.

Project # **4** **Regional Pond #3 & Piping**

Description: Construction of a Regional Detention Pond and associated piping when development occurs. Upsizing of pond and piping is necessary for upstream drainage to the adjacent property owner to the south.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	1,320 lf	$ 80	$ 105,600	$ -	$ -	$ 29,100	$ 76,500
4	Furnish & Install 30" RCP	240 lf	$ 100	$ 24,000	$ -	$ -	$ 8,400	$ 15,600
5	Furnish & Install 36" RCP	50 lf	$ 120	$ 6,000	$ -	$ -	$ 2,000	$ 4,000
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	9 ea	$ 5,000	$ 45,000	$ -	$ -	$ 22,500	$ 22,500
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1 ea	$ 15,000	$ 15,000	$ -	$ -	$ 7,500	$ 7,500
14	Construct Detention Pond	1.20 AF	$ 40,000	$ 48,000	$ -	$ -	$ 24,000	$ 24,000
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	18,000 sf	$ 2	$ 36,000	$ -	$ -	$ 18,000	$ 18,000
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	0.40 Ac	$ 120,000	$ 48,000	$ -	$ -	$ 24,000	$ 24,000
20	Mobilization	1 ls	$ 28,000	$ 28,000	$ -	$ -	$ 14,000	$ 14,000
21	Traffic Control	1 ls	$ 14,000	$ 14,000	$ -	$ -	$ 7,000	$ 7,000
			Subtotal	$ 369,600	$ -	$ -	$ 156,500	$ 213,100
			15% Engineering & Construction Management	55,440	-	-	23,480	31,960
			10% Contingency	36,960	-	-	15,650	21,310
			TOTAL	**$ 462,000**	**$ -**	**$ -**	**$ 195,630**	**$ 266,370**

Notes:
The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 0.40 Ac.

Project # **5** **Regional Pond #4 & Piping**

Description: Construction of a Local Detention Pond and associated piping when development occurs. The pipe in Old Fort Road needs to be upsized for development upstream to the east.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP		lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	550	lf	$ 80	$ 44,000	$ -	$ -	$ 16,500	$ 27,500
4	Furnish & Install 30" RCP	340	lf	$ 100	$ 34,000	$ -	$ -	$ -	$ 34,000
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	50	lf	$ 160	$ 8,000	$ -	$ -	$ -	$ 8,000
7	Remove Existing Pipe		lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure		ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box		ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	6	ea	$ 5,000	$ 30,000	$ -	$ -	$ -	$ 30,000
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1	ea	$ 15,000	$ 15,000	$ -	$ -	$ -	$ 15,000
14	Construct Detention Pond	1.36	AF	$ 40,000	$ 54,400	$ -	$ -	$ -	$ 54,400
15	Remove & Replace Curb & Gutter		lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch		sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	20,000	sf	$ 2	$ 40,000	$ -	$ -	$ -	$ 40,000
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	0.45	Ac	$ 120,000	$ 54,400	$ -	$ -	$ -	$ 54,400
20	Mobilization	1	ls	$ 23,000	$ 23,000	$ -	$ -	$ -	$ 23,000
21	Traffic Control	1	ls	$ 12,000	$ 12,000	$ -	$ -	$ -	$ 12,000
				Subtotal	$ 314,800	$ -	$ -	$ 16,500	$ 298,300
				15% Engineering & Construction Management	47,220	-	-	2,480	44,740
				10% Contingency	31,480	-	-	1,650	29,830
				TOTAL	**$ 393,500**	**$ -**	**$ -**	**$ 20,630**	**$ 372,870**

Notes:

The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 0.45 Ac.

Project # **6** **Regional Pond #5 & Piping**

Description: Construction of a Local Detention Pond and associated piping when development occurs. The pipe in Old Fort Road needs to be upsized for development upstream to the east.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP		lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP	550	lf	$ 65	$ 35,750	$ -	$ -	$ -	$ 35,750
3	Furnish & Install 24" RCP	580	lf	$ 80	$ 46,400	$ -	$ -	$ 5,400	$ 41,000
4	Furnish & Install 30" RCP		lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	50	lf	$ 160	$ 8,000	$ -	$ -	$ -	$ 8,000
7	Remove Existing Pipe		lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure		ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box		ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole		ea	$ 5,000	$ -	$ -	$ -	$ -	$ -
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	1	ea	$ 15,000	$ 15,000	$ -	$ -	$ -	$ 15,000
14	Construct Detention Pond	1.37	AF	$ 40,000	$ 54,800	$ -	$ -	$ -	$ 54,800
15	Remove & Replace Curb & Gutter		lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch		sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	20,000	sf	$ 2	$ 40,000	$ -	$ -	$ -	$ 40,000
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	0.46	Ac	$ 120,000	$ 54,800	$ -	$ -	$ -	$ 54,800
20	Mobilization	1	ls	$ 20,000	$ 20,000	$ -	$ -	$ -	$ 20,000
21	Traffic Control	1	ls	$ 10,000	$ 10,000	$ -	$ -	$ -	$ 10,000
				Subtotal	$ 284,750	$ -	$ -	$ 5,400	$ 279,350
				15% Engineering & Construction Management	42,720	-	-	810	41,910
				10% Contingency	28,480	-	-	540	27,940
				TOTAL	**$ 355,950**	**$ -**	**$ -**	**$ 6,750**	**$ 349,200**

Notes:

The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 0.46 Ac.

Project # **7** **South Weber Drive Outfall Line**

Description: Construction of an outfall line in South Weber Drive to provide a receiving line for drainage from the ground on the south side of the road.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	650	lf	$ 50	$ 32,500	$ -	$ -	$ 32,500	$ -
2	Furnish & Install 18" RCP	3,350	lf	$ 65	$ 217,750	$ -	$ -	$ 217,750	$ -
3	Furnish & Install 24" RCP		lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP		lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP		lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe		lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	3	ea	$ 2,500	$ 7,500	$ -	$ -	$ 7,500	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	10	ea	$ 3,000	$ 30,000	$ -	$ -	$ 30,000	$ -
11	Furnish & Install Manhole	17	ea	$ 5,000	$ 85,000	$ -	$ -	$ 85,000	$ -
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure		ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond		AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	400	lf	$ 45	$ 18,000	$ -	$ -	$ 18,000	$ -
16	Asphalt Patch	32,000	sf	$ 6	$ 192,000	$ -	$ -	$ 192,000	$ -
17	Landscape (sprinkler, sod, top soil)		sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase		Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1	ls	$ 59,000	$ 59,000	$ -	$ -	$ 59,000	$ -
21	Traffic Control	1	ls	$ 30,000	$ 30,000	$ -	$ -	$ 30,000	$ -
				Subtotal	$ 671,750	$ -	$ -	$ 671,750	$ -
				15% Engineering & Construction Management	100,770	-	-	100,770	-
				10% Contingency	67,180	-	-	67,180	-
				TOTAL	**$ 839,700**	**$ -**	**$ -**	**$ 839,700**	**$ -**

Notes:

Project # **8** **I-84 Detention Pond Upsizing and Piping**

Description: Expansion of the existing Regional Detention Pond to provide sufficient volume when development occurs. Re-route the existing outfall line from the Canyon Vistas Subd. for sufficient cover. Overflow line to route high flows to pond.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	1,300 lf	$ 80	$ 104,000	$ 104,000	$ -	$ -	$ -
4	Furnish & Install 30" RCP	740 lf	$ 100	$ 74,000	$ -	$ -	$ 8,400	$ 65,600
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	9 ea	$ 5,000	$ 45,000	$ 45,000	$ -	$ -	$ -
12	Furnish & Install SD Structure	1 ea	$ 8,000	$ 8,000	$ 8,000	$ -	$ -	$ -
13	F&I Outlet Control Structure	2 ea	$ 15,000	$ 30,000	$ 7,500	$ -	$ -	$ 22,500
14	Construct Detention Pond	1.52 AF	$ 40,000	$ 60,800	$ -	$ -	$ -	$ 60,800
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	1,920 sf	$ 6	$ 11,520	$ 11,520	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	23,000 sf	$ 2	$ 46,000	$ -	$ -	$ -	$ 46,000
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	0.51 Ac	$ 120,000	$ 60,800	$ -	$ -	$ -	$ 60,800
20	Mobilization	1 ls	$ 38,000	$ 38,000	$ -	$ -	$ -	$ 38,000
21	Traffic Control	1 ls	$ 19,000	$ 19,000	$ -	$ -	$ -	$ 19,000
			Subtotal	$ 497,120	$ 176,020	$ -	$ 8,400	$ 312,700
			15% Engineering & Construction Management	74,570	26,410	-	1,260	46,900
			10% Contingency	49,720	17,610	-	840	31,270
			TOTAL	**$ 621,410**	**$ 220,040**	**$ -**	**$ 10,500**	**$ 390,870**

Notes:
The depth of the detention pond is assumed to be an average of 3'. Therefore, the surface area of this pond is 0.51 Ac.

Project # **9** **7800 South Pond Improvements w/ LID**

Description: Reconstruction of the existing detention pond to become a retention facility with permanent Low Impact Development (LID) improvements.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP	200 lf	$ 65	$ 13,000	$ -	$ 13,000	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	2 ea	$ 2,500	$ 5,000	$ -	$ 5,000	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	ea	$ 5,000	$ -	$ -	$ -	$ -	$ -
12	Furnish & Install SD Structure	2 ea	$ 8,000	$ 16,000	$ -	$ 16,000	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct LID Improvements	0.22 Ac	$ 40,000	$ 8,800	$ -	$ 8,800	$ -	$ -
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape elements	9,000 sf	$ 2	$ 18,000	$ -	$ 18,000	$ -	$ -
18	Imported filter media	400 cy	$ 25	$ 10,000	$ -	$ 10,000	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 8,000	$ 8,000	$ -	$ 8,000	$ -	$ -
21	Traffic Control	1 ls	$ 4,000	$ 4,000	$ -	$ 4,000	$ -	$ -
			Subtotal	$ 82,800	$ -	$ 82,800	$ -	$ -
			15% Engineering & Construction Management	12,420	-	12,420	-	-
			10% Contingency	8,280	-	8,280	-	-
			TOTAL	**$ 103,500**	**$ -**	**$ 103,500**	**$ -**	**$ -**

Notes:

Project # **10** **Deer Run Pond Removal**

Description: Eliminate existing detention pond in the backyard of 2088 E. Deer Run Dr. Reconfigure piping and structures. Fill in detention area. Landscape repair.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	100	lf	$ 50	$ 5,000	$ -	$ 5,000	$ -	$ -
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP		lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP		lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP		lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	100	lf	$ 25	$ 2,500	$ -	$ 2,500	$ -	$ -
8	Remove Existing Structure	2	ea	$ 2,500	$ 5,000	$ -	$ 5,000	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box		ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	2	ea	$ 5,000	$ 10,000	$ -	$ 10,000	$ -	$ -
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure		ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond		AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter		lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch		sf	$ 6	$ -	$ -	$ -	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	7,000	sf	$ 2	$ 14,000	$ -	$ 14,000	$ -	$ -
18	Imported Fill Material	500	cy	$ 25	$ 12,500	$ -	$ 12,500	$ -	$ -
19	Property Purchase		Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1	ls	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
21	Traffic Control	1	ls	$ 3,000	$ 3,000	$ -	$ 3,000	$ -	$ -
				Subtotal	$ 57,000	$ -	$ 57,000	$ -	$ -
				15% Engineering & Construction Management	8,550	-	8,550	-	-
				10% Contingency	5,700	-	5,700	-	-
				TOTAL	**$ 71,250**	**$ -**	**$ 71,250**	**$ -**	**$ -**

Notes:

Project # **11** **2100 East Manhole Structure Replacement**

Description: Reconstruct manhole for better flow and to keep the lid from popping off in storm events.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	1 ea	$ 2,500	$ 2,500	$ -	$ 2,500	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	ea	$ 3,000	$ -	$ -	$ -	$ -	$ -
11	Furnish & Install Manhole	1 ea	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	lf	$ 45	$ -	$ -	$ -	$ -	$ -
16	Asphalt Patch	100 sf	$ 6	$ 600	$ -	$ 600	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 1,000	$ 1,000	$ -	$ 1,000	$ -	$ -
21	Traffic Control	1 ls	$ 1,000	$ 1,000	$ -	$ 1,000	$ -	$ -
			Subtotal	$ 10,100	$ -	$ 10,100	$ -	$ -
			15% Engineering & Construction Management	1,520	-	1,520	-	-
			10% Contingency	1,010	-	1,010	-	-
			TOTAL	**$ 12,630**	**$ -**	**$ 12,630**	**$ -**	**$ -**

Notes:

Project # **12** **Deer Run Dr. to 8100 South Piping and Pond Removal**

Description: Replace undersized piping under the D&W Canal between Deer Run Dr. and 8100 South to eliminate ponding in intersection of 2350 East. Also eliminate the existing detention pond in the backyard of 2328 E. and 2318 E. Deer Run Dr.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP		lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP		lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	200	lf	$ 100	$ 20,000	$ 20,000	$ -	$ -	$ -
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP		lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	600	lf	$ 25	$ 15,000	$ 7,500	$ 7,500	$ -	$ -
8	Remove Existing Structure	9	ea	$ 2,500	$ 22,500	$ 11,250	$ 11,250	$ -	$ -
9	Directional Drill (30")	250	lf	$ 750	$ 187,500	$ 187,500	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	4	ea	$ 3,000	$ 12,000	$ -	$ 12,000	$ -	$ -
11	Furnish & Install Manhole	2	ea	$ 5,000	$ 10,000	$ -	$ 10,000	$ -	$ -
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure		ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond		AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	210	lf	$ 45	$ 9,450	$ -	$ 9,450	$ -	$ -
16	Asphalt Patch	2,000	sf	$ 6	$ 12,000	$ -	$ 12,000	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	13,000	sf	$ 2	$ 26,000	$ -	$ 26,000	$ -	$ -
18	Imported Fill Material	1,300	cy	$ 25	$ 32,500	$ -	$ 32,500	$ -	$ -
19	Property Purchase		Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1	ls	$ 35,000	$ 35,000	$ 17,500	$ 17,500	$ -	$ -
21	Traffic Control	1	ls	$ 18,000	$ 18,000	$ 9,000	$ 9,000	$ -	$ -
				Subtotal	$ 399,950	$ 252,750	$ 147,200	$ -	$ -
				15% Engineering & Construction Management	60,000	37,920	22,080	-	-
				10% Contingency	40,000	25,280	14,720	-	-
				TOTAL	**$ 499,950**	**$ 315,950**	**$ 184,000**	**$ -**	**$ -**

Notes:

Project # **13** **Peachwood Detention Pond Inlet Piping Upsize**

Description: Replace undersized piping between Deer Run Dr. and the Peachwood Detention Pond to eliminate ponding in intersection of 2475 East.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP		lf	$ 50	$ -	$ -	$ -	$ -	$ -
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP		lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP		lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	330	lf	$ 120	$ 39,600	$ 39,600	$ -	$ -	$ -
6	Furnish & Install 42" RCP		lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	600	lf	$ 25	$ 15,000	$ 7,500	$ 7,500	$ -	$ -
8	Remove Existing Structure	4	ea	$ 2,500	$ 10,000	$ 5,000	$ 5,000	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	2	ea	$ 3,000	$ 6,000	$ -	$ 6,000	$ -	$ -
11	Furnish & Install Manhole	3	ea	$ 5,000	$ 15,000	$ -	$ 15,000	$ -	$ -
12	Furnish & Install SD Structure	2	ea	$ 8,000	$ 16,000	$ -	$ 16,000	$ -	$ -
13	F&I Outlet Control Structure		ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond		AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	60	lf	$ 45	$ 2,700	$ -	$ 2,700	$ -	$ -
16	Asphalt Patch	1,000	sf	$ 6	$ 6,000	$ -	$ 6,000	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	6,000	sf	$ 2	$ 12,000	$ -	$ 12,000	$ -	$ -
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase		Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1	ls	$ 13,000	$ 13,000	$ 6,500	$ 6,500	$ -	$ -
21	Traffic Control	1	ls	$ 7,000	$ 7,000	$ 3,500	$ 3,500	$ -	$ -
				Subtotal	$ 142,300	$ 62,100	$ 80,200	$ -	$ -
				15% Engineering & Construction Management	21,350	9,320	12,030	-	-
				10% Contingency	14,230	6,210	8,020	-	-
				TOTAL	**$ 177,880**	**$ 77,630**	**$ 100,250**	**$ -**	**$ -**

Notes:

Project # **14** **Canyon Drive Improvements - #1**

Description: Reconstruct curb and gutter, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,000 lf	$ 50	$ 50,000	$ -	$ 50,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	4 ea	$ 3,000	$ 12,000	$ -	$ 12,000	$ -	$ -
11	Furnish & Install Manhole	3 ea	$ 5,000	$ 15,000	$ -	$ 15,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	2,800 lf	$ 45	$ 126,000	$ -	$ 126,000	$ -	$ -
16	Asphalt Patch	22,800 sf	$ 6	$ 136,800	$ -	$ 136,800	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 34,000	$ 34,000	$ -	$ 34,000	$ -	$ -
21	Traffic Control	1 ls	$ 17,000	$ 17,000	$ -	$ 17,000	$ -	$ -
			Subtotal	$ 390,800	$ -	$ 390,800	$ -	$ -
			15% Engineering & Construction Management	58,620	-	58,620	-	-
			10% Contingency	39,080	-	39,080	-	-
			TOTAL	**$ 488,500**	**$ -**	**$ 488,500**	**$ -**	**$ -**

Notes:

Project # **15** **Canyon Drive Improvements - #2**

Description: Reconstruct curb and gutter, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units		Unit Price	Total Amount	Cost Breakdown			
						Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	750	lf	$ 50	$ 37,500	$ -	$ 37,500	$ -	$ -
2	Furnish & Install 18" RCP		lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP		lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP		lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP		lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP		lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe		lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure		ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill		lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	9	ea	$ 3,000	$ 27,000	$ -	$ 27,000	$ -	$ -
11	Furnish & Install Manhole	3	ea	$ 5,000	$ 15,000	$ -	$ 15,000	$ -	$ -
12	Furnish & Install SD Structure		ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure		ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond		AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	1,200	lf	$ 45	$ 54,000	$ -	$ 54,000	$ -	$ -
16	Asphalt Patch	11,700	sf	$ 6	$ 70,200	$ -	$ 70,200	$ -	$ -
17	Landscape (sprinkler, sod, top soil)		sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material		cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase		Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1	ls	$ 21,000	$ 21,000	$ -	$ 21,000	$ -	$ -
21	Traffic Control	1	ls	$ 11,000	$ 11,000	$ -	$ 11,000	$ -	$ -
				Subtotal	$ 235,700	$ -	$ 235,700	$ -	$ -
				15% Engineering & Construction Management	35,360	-	35,360	-	-
				10% Contingency	23,570	-	23,570	-	-
				TOTAL	**$ 294,630**	**$ -**	**$ 294,630**	**$ -**	**$ -**

Notes:

Project # **16** **Canyon Drive Improvements - #3**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	300 lf	$ 50	$ 15,000	$ -	$ 15,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Install Inlet Box	4 ea	$ 3,000	$ 12,000	$ -	$ 12,000	$ -	$ -
11	Furnish & Install Manhole	2 ea	$ 5,000	$ 10,000	$ -	$ 10,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	1,500 lf	$ 45	$ 67,500	$ -	$ 67,500	$ -	$ -
16	Asphalt Patch	10,800 sf	$ 6	$ 64,800	$ -	$ 64,800	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 17,000	$ 17,000	$ -	$ 17,000	$ -	$ -
21	Traffic Control	1 ls	$ 9,000	$ 9,000	$ -	$ 9,000	$ -	$ -
			Subtotal	$ 195,300	$ -	$ 195,300	$ -	$ -
			15% Engineering & Construction Management	29,300	-	29,300	-	-
			10% Contingency	19,530	-	19,530	-	-
			TOTAL	**$ 244,130**	**$ -**	**$ 244,130**	**$ -**	**$ -**

Notes:

Project # **17** **7775 South / 1800 East Improvements**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,700 lf	$ 50	$ 85,000	$ -	$ 85,000	$ -	$ -
2	Furnish & Install 18" RCP	540 lf	$ 65	$ 35,100	$ -	$ 35,100	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	2 ea	$ 2,500	$ 5,000	$ -	$ 5,000	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	13 ea	$ 3,000	$ 39,000	$ -	$ 39,000	$ -	$ -
11	Furnish & Install Manhole	8 ea	$ 5,000	$ 40,000	$ -	$ 40,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	3,000 lf	$ 45	$ 135,000	$ -	$ 135,000	$ -	$ -
16	Asphalt Patch	31,440 sf	$ 6	$ 188,640	$ -	$ 188,640	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 53,000	$ 53,000	$ -	$ 53,000	$ -	$ -
21	Traffic Control	1 ls	$ 27,000	$ 27,000	$ -	$ 27,000	$ -	$ -
			Subtotal	$ 607,740	$ -	$ 607,740	$ -	$ -
			15% Engineering & Construction Management	91,170	-	91,170	-	-
			10% Contingency	60,780	-	60,780	-	-
			TOTAL	**$ 759,690**	**$ -**	**$ 759,690**	**$ -**	**$ -**

Notes:

Project # **18** **1850 East / 7840 South Improvements**

Description: Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	120 lf	$ 50	$ 6,000	$ -	$ 6,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	2 ea	$ 2,500	$ 5,000	$ -	$ 5,000	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	4 ea	$ 3,000	$ 12,000	$ -	$ 12,000	$ -	$ -
11	Furnish & Install Manhole	ea	$ 5,000	$ -	$ -	$ -	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	350 lf	$ 45	$ 15,750	$ -	$ 15,750	$ -	$ -
16	Asphalt Patch	2,820 sf	$ 6	$ 16,920	$ -	$ 16,920	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 6,000	$ 6,000	$ -	$ 6,000	$ -	$ -
21	Traffic Control	1 ls	$ 3,000	$ 3,000	$ -	$ 3,000	$ -	$ -
			Subtotal	$ 64,670	$ -	$ 64,670	$ -	$ -
			15% Engineering & Construction Management	9,710	-	9,710	-	-
			10% Contingency	6,470	-	6,470	-	-
			TOTAL	**$ 80,850**	**$ -**	**$ 80,850**	**$ -**	**$ -**

Notes:

Project # **19** **2100 East / 7875 South / 2250 East Improvements**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,950 lf	$ 50	$ 97,500	$ -	$ 97,500	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	9 ea	$ 3,000	$ 27,000	$ -	$ 27,000	$ -	$ -
11	Furnish & Install Manhole	7 ea	$ 5,000	$ 35,000	$ -	$ 35,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	900 lf	$ 45	$ 40,500	$ -	$ 40,500	$ -	$ -
16	Asphalt Patch	17,100 sf	$ 6	$ 102,600	$ -	$ 102,600	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 31,000	$ 31,000	$ -	$ 31,000	$ -	$ -
21	Traffic Control	1 ls	$ 16,000	$ 16,000	$ -	$ 16,000	$ -	$ -
			Subtotal	$ 349,600	$ -	$ 349,600	$ -	$ -
			15% Engineering & Construction Management	52,440	-	52,440	-	-
			10% Contingency	34,960	-	34,960	-	-
			TOTAL	**$ 437,000**	**$ -**	**$ 437,000**	**$ -**	**$ -**

Notes:

Project # **20** **View Drive / Peachwood Drive Improvements**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,800 lf	$ 50	$ 90,000	$ -	$ 90,000	$ -	$ -
2	Furnish & Install 18" RCP	340 lf	$ 65	$ 22,100	$ -	$ 22,100	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	17 ea	$ 3,000	$ 51,000	$ -	$ 51,000	$ -	$ -
11	Furnish & Install Manhole	8 ea	$ 5,000	$ 40,000	$ -	$ 40,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	1,300 lf	$ 45	$ 58,500	$ -	$ 58,500	$ -	$ -
16	Asphalt Patch	20,640 sf	$ 6	$ 123,840	$ -	$ 123,840	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 39,000	$ 39,000	$ -	$ 39,000	$ -	$ -
21	Traffic Control	1 ls	$ 20,000	$ 20,000	$ -	$ 20,000	$ -	$ -
			Subtotal	$ 444,440	$ -	$ 444,440	$ -	$ -
			15% Engineering & Construction Management	66,670	-	66,670	-	-
			10% Contingency	44,450	-	44,450	-	-
			TOTAL	**$ 555,560**	**$ -**	**$ 555,560**	**$ -**	**$ -**

Notes:

Project # **21** **Cedar Bench Drive Improvements**

Description: Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	320 lf	$ 50	$ 16,000	$ -	$ 16,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	3 ea	$ 3,000	$ 9,000	$ -	$ 9,000	$ -	$ -
11	Furnish & Install Manhole	2 ea	$ 5,000	$ 10,000	$ -	$ 10,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	450 lf	$ 45	$ 20,250	$ -	$ 20,250	$ -	$ -
16	Asphalt Patch	4,620 sf	$ 6	$ 27,720	$ -	$ 27,720	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 9,000	$ 9,000	$ -	$ 9,000	$ -	$ -
21	Traffic Control	1 ls	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
			Subtotal	$ 96,970	$ -	$ 96,970	$ -	$ -
			15% Engineering & Construction Management	14,550	-	14,550	-	-
			10% Contingency	9,700	-	9,700	-	-
			TOTAL	**$ 121,220**	**$ -**	**$ 121,220**	**$ -**	**$ -**

Notes:

Project # **22** **8100 South Improvements**

Description: Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	140 lf	$ 50	$ 7,000	$ -	$ 7,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	1 ea	$ 2,500	$ 2,500	$ -	$ 2,500	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	2 ea	$ 3,000	$ 6,000	$ -	$ 6,000	$ -	$ -
11	Furnish & Install Manhole	1 ea	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	220 lf	$ 45	$ 9,900	$ -	$ 9,900	$ -	$ -
16	Asphalt Patch	2,160 sf	$ 6	$ 12,960	$ -	$ 12,960	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
21	Traffic Control	1 ls	$ 3,000	$ 3,000	$ -	$ 3,000	$ -	$ -
			Subtotal	$ 51,360	$ -	$ 51,360	$ -	$ -
			15% Engineering & Construction Management	7,710	-	7,710	-	-
			10% Contingency	5,140	-	5,140	-	-
			TOTAL	**$ 64,210**	**$ -**	**$ 64,210**	**$ -**	**$ -**

Notes:

Project # **23** **Deer Run Drive Improvements - #1**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2100 East to Deer Run Way)

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,500 lf	$ 50	$ 75,000	$ -	$ 75,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	ea	$ 2,500	$ -	$ -	$ -	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	11 ea	$ 3,000	$ 33,000	$ -	$ 33,000	$ -	$ -
11	Furnish & Install Manhole	7 ea	$ 5,000	$ 35,000	$ -	$ 35,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	1,000 lf	$ 45	$ 45,000	$ -	$ 45,000	$ -	$ -
16	Asphalt Patch	15,000 sf	$ 6	$ 90,000	$ -	$ 90,000	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 28,000	$ 28,000	$ -	$ 28,000	$ -	$ -
21	Traffic Control	1 ls	$ 14,000	$ 14,000	$ -	$ 14,000	$ -	$ -
			Subtotal	$ 320,000	$ -	$ 320,000	$ -	$ -
			15% Engineering & Construction Management	48,000	-	48,000	-	-
			10% Contingency	32,000	-	32,000	-	-
			TOTAL	**$ 400,000**	**$ -**	**$ 400,000**	**$ -**	**$ -**

Notes:

Project # **24** **Deer Run Drive Improvements - #2**

Description: Reconstruct curb and gutter, remove waterway, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2380 East)

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	320 lf	$ 50	$ 16,000	$ -	$ 16,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	lf	$ 25	$ -	$ -	$ -	$ -	$ -
8	Remove Existing Structure	1 ea	$ 2,500	$ 2,500	$ -	$ 2,500	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	2 ea	$ 3,000	$ 6,000	$ -	$ 6,000	$ -	$ -
11	Furnish & Install Manhole	1 ea	$ 5,000	$ 5,000	$ -	$ 5,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	220 lf	$ 45	$ 9,900	$ -	$ 9,900	$ -	$ -
16	Asphalt Patch	3,240 sf	$ 6	$ 19,440	$ -	$ 19,440	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 6,000	$ 6,000	$ -	$ 6,000	$ -	$ -
21	Traffic Control	1 ls	$ 3,000	$ 3,000	$ -	$ 3,000	$ -	$ -
			Subtotal	$ 67,840	$ -	$ 67,840	$ -	$ -
			15% Engineering & Construction Management	10,180	-	10,180	-	-
			10% Contingency	6,790	-	6,790	-	-
			TOTAL	**$ 84,810**	**$ -**	**$ 84,810**	**$ -**	**$ -**

Notes:

Project # **25** **Deer Run Drive Improvements - #3**

Description: Reconstruct curb and gutter, remove waterways, and install piping to eliminate ponding in road and deterioration of street pavement structure. (2500 East to 2625 East.)

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown			
					Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Furnish & Install 15" RCP	1,000 lf	$ 50	$ 50,000	$ -	$ 50,000	$ -	$ -
2	Furnish & Install 18" RCP	lf	$ 65	$ -	$ -	$ -	$ -	$ -
3	Furnish & Install 24" RCP	lf	$ 80	$ -	$ -	$ -	$ -	$ -
4	Furnish & Install 30" RCP	lf	$ 100	$ -	$ -	$ -	$ -	$ -
5	Furnish & Install 36" RCP	lf	$ 120	$ -	$ -	$ -	$ -	$ -
6	Furnish & Install 42" RCP	lf	$ 160	$ -	$ -	$ -	$ -	$ -
7	Remove Existing Pipe	20 lf	$ 25	$ 500	$ -	$ 500	$ -	$ -
8	Remove Existing Structure	2 ea	$ 2,500	$ 5,000	$ -	$ 5,000	$ -	$ -
9	Directional Drill	lf	$ 750	$ -	$ -	$ -	$ -	$ -
10	Furnish & Instal Inlet Box	11 ea	$ 3,000	$ 33,000	$ -	$ 33,000	$ -	$ -
11	Furnish & Install Manhole	6 ea	$ 5,000	$ 30,000	$ -	$ 30,000	$ -	$ -
12	Furnish & Install SD Structure	ea	$ 8,000	$ -	$ -	$ -	$ -	$ -
13	F&I Outlet Control Structure	ea	$ 15,000	$ -	$ -	$ -	$ -	$ -
14	Construct Detention Pond	AF	$ 40,000	$ -	$ -	$ -	$ -	$ -
15	Remove & Replace Curb & Gutter	1,200 lf	$ 45	$ 54,000	$ -	$ 54,000	$ -	$ -
16	Asphalt Patch	13,200 sf	$ 6	$ 79,200	$ -	$ 79,200	$ -	$ -
17	Landscape (sprinkler, sod, top soil)	sf	$ 2	$ -	$ -	$ -	$ -	$ -
18	Imported Fill Material	cy	$ 25	$ -	$ -	$ -	$ -	$ -
19	Property Purchase	Ac	$ 120,000	$ -	$ -	$ -	$ -	$ -
20	Mobilization	1 ls	$ 26,000	$ 26,000	$ -	$ 26,000	$ -	$ -
21	Traffic Control	1 ls	$ 13,000	$ 13,000	$ -	$ 13,000	$ -	$ -
			Subtotal	$ 290,700	$ -	$ 290,700	$ -	$ -
			15% Engineering & Construction Management	43,610	-	43,610	-	-
			10% Contingency	29,070	-	29,070	-	-
			TOTAL	**$ 363,380**	**$ -**	**$ 363,380**	**$ -**	**$ -**

Notes:

Project # **26** **Public Works Site and Facility (Storm Drain Portion)**

Description: Construction of a new Public Works Site and Facility attributable to Storm Drain Facilities.

Item	Description	Units	Unit Price	Total Amount	Cost Breakdown: Deficiency	Maintenance	Impact Fee Eligible	Developer Cost
1	Property Purchase	11.926 Ac	$ 50,000	$ 596,300				
2	Site Work	6.0 Ac	$ 150,000	$ 900,000				
3	Utilities - Water	1 ls	$ 80,000	$ 80,000				
4	Utilities - Sewer	1 ls	$ 100,000	$ 100,000				
5	Utilities - Storm Drain & Canal	1 ls	$ 400,000	$ 400,000				
6	Utilities - Irrigation	1 ls	$ 50,000	$ 50,000				
7	Utilities - Power & Lighting	1 ls	$ 150,000	$ 150,000				
8	Utilities - Gas	1 ls	$ 30,000	$ 30,000				
9	Utilities - Communication	1 ls	$ 40,000	$ 40,000				
10	Utilities - Generator	1 ls	$ 100,000	$ 100,000				
11	Main Building (250' x 80')	20,000 sf	$ 120	$ 2,400,000				
12	Storage Shed (120' x 50')	6,000 sf	$ 60	$ 360,000				
13	General Conditions (15%)	1 ls	$ 781,000	$ 781,000				
			Subtotal	$ 5,987,300				
		15% Engineering & Construction Management		$ 898,100				
			10% Contingency	$ 598,730				
			TOTAL	$ 7,484,130				
	Streets		20%	$ 1,496,830				
	Water		20%	$ 1,496,830				
	Sewer		20%	$ 1,496,830				
	Storm Drain		20%	$ 1,496,830	$ -	$ 987,910	$ 508,920	$ -
	Parks		15%	$ 1,122,610				
	Inspections		2%	$ 149,680				
	Sanitation		2%	$ 149,680				
	Recreation		1%	$ 74,840				
		TOTAL	**100%**	**$ 7,484,130**	**$ -**	**$ 987,910**	**$ 508,920**	**$ -**

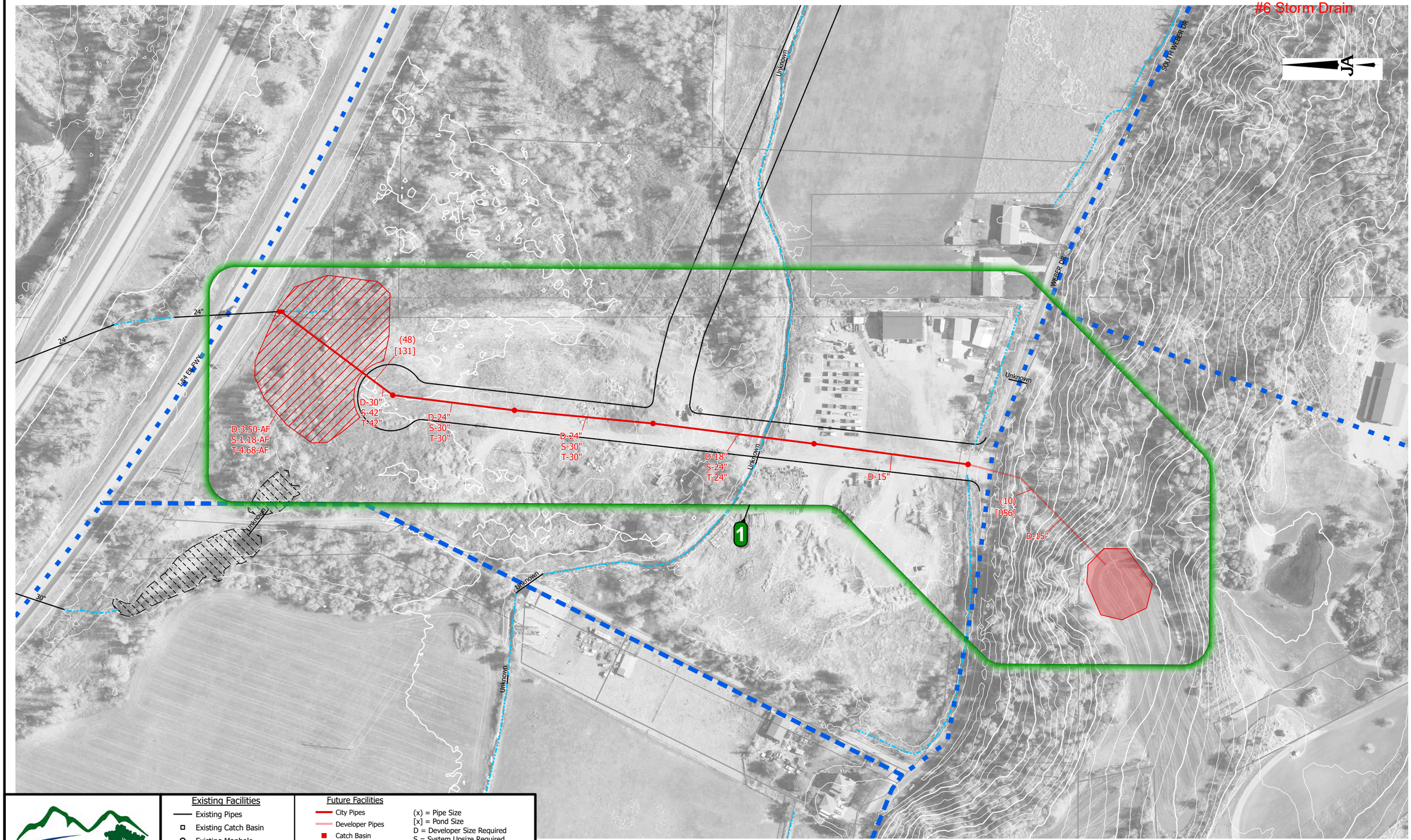
Notes:

The amount attributable to existing deficiency and maintenance matches the current storm drain ERU's of 2,829. The amount attributable to future demand (impact fee eligible) matches the future ERU's of 1,446; giving a total of 4,275 ERU's at Built-out. The proportional share of each is therefore 66% to existing and 34% to future.

Appendix E

P.1 – P.25 Individual Project Exhibits

#6 Storm Drain



SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:2,000
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
South Ogden, Utah 84403 (801) 476-9767

SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 1: REGIONAL POND #1 & PIPING

EXHIBIT

P.1

#6 Storm Drain

I-84 EB FWY

HARPER WAY

18"

2

26

T-0.55-AF

12"

18"

D-0.90-AF
T-1.45-AF

D-24"

(22)
[044]

24"

D-36"

D-24"

D-18"

D-18"

D-18"

D-15"

D-15"

12"

12"

12"

Unknown

SOUTH WEBER DR

JA

1"

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
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SOUTH WEBER CITY

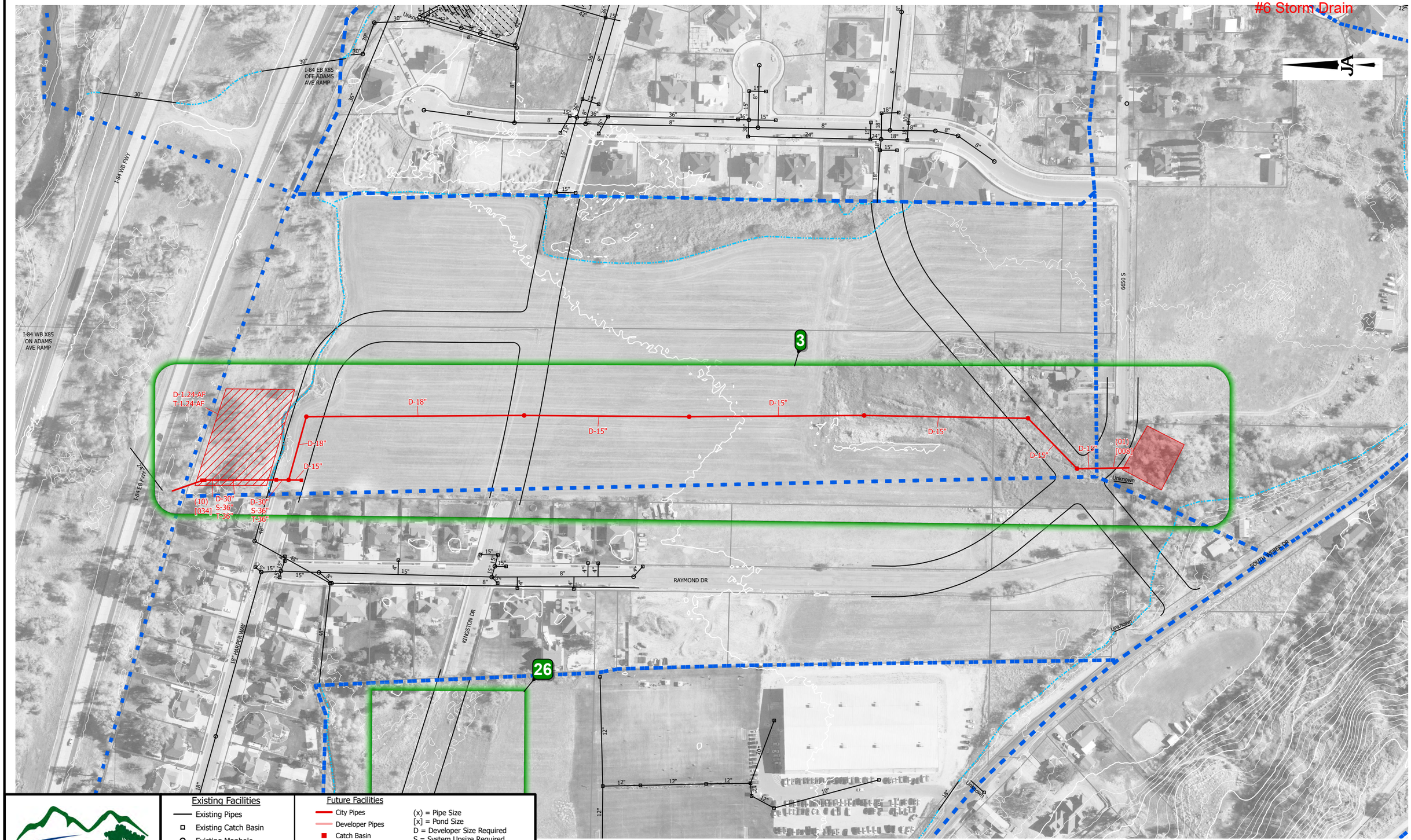
STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 2: HEATHER COVE POND UPSIZING & PIPING

EXHIBIT

P.2

#6 Storm Drain



Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:2,400
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
South Ogden, Utah 84403 (801) 476-9767

SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 3: REGIONAL POND #2 & PIPING

EXHIBIT

P.3

#6 Storm Drain

I-84 WB FWY

I-84 EB FWY

OLD FORT RD

HARVEST PARK LN

PEBBLE CREEK DR

5

4

D-15"
S-24"
T-24"

D-18"
S-24"
T-24"

D-18"
S-30"
T-30"

(12')
[034]

D-24"
S-36"
T-36"

D-0.60-AF
S-0.60-AF
T-1.20-AF

(20)
[058]

D-42"

D-30"

24"

18"

8"

30"

15"

36"

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:1,500
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JA JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
South Ogden, Utah 84403 (801) 476-9767

SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 4: REGIONAL POND #3 & PIPING

EXHIBIT

P.4

#6 Storm Drain

JA

D-18"
S-24"
T-24"

D-15"
S-24"
T-24"

18"

18"

8"

24"

5

D-15"
S-24"
T-24"

(20)
[058]

D-15"
S-24"
T-24"

D-42"

D-15"
S-24"
T-24"

30"

I-84 WB FWY

30"

I-84 EB FWY

D-30"

D-15"
S-24"
T-24"

D-1.36-AF
T-1.36-AF

24"

12"

24"

OLD FORT RD

4

SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 5: REGIONAL POND #4 & PIPING

EXHIBIT

P.5

#6 Storm Drain

JA

24"

D-15"
S-24"
T-24"

(17)
[059]
D-42"

D-18"

D-24"

D-18"

D-24"

D-1.37-AF
T-1.37-AF

D-18"

D-18"

OLD FORT RD

I-84 WB FWY

I-84 EB FWY

24"

30"

24"

30"

6

SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

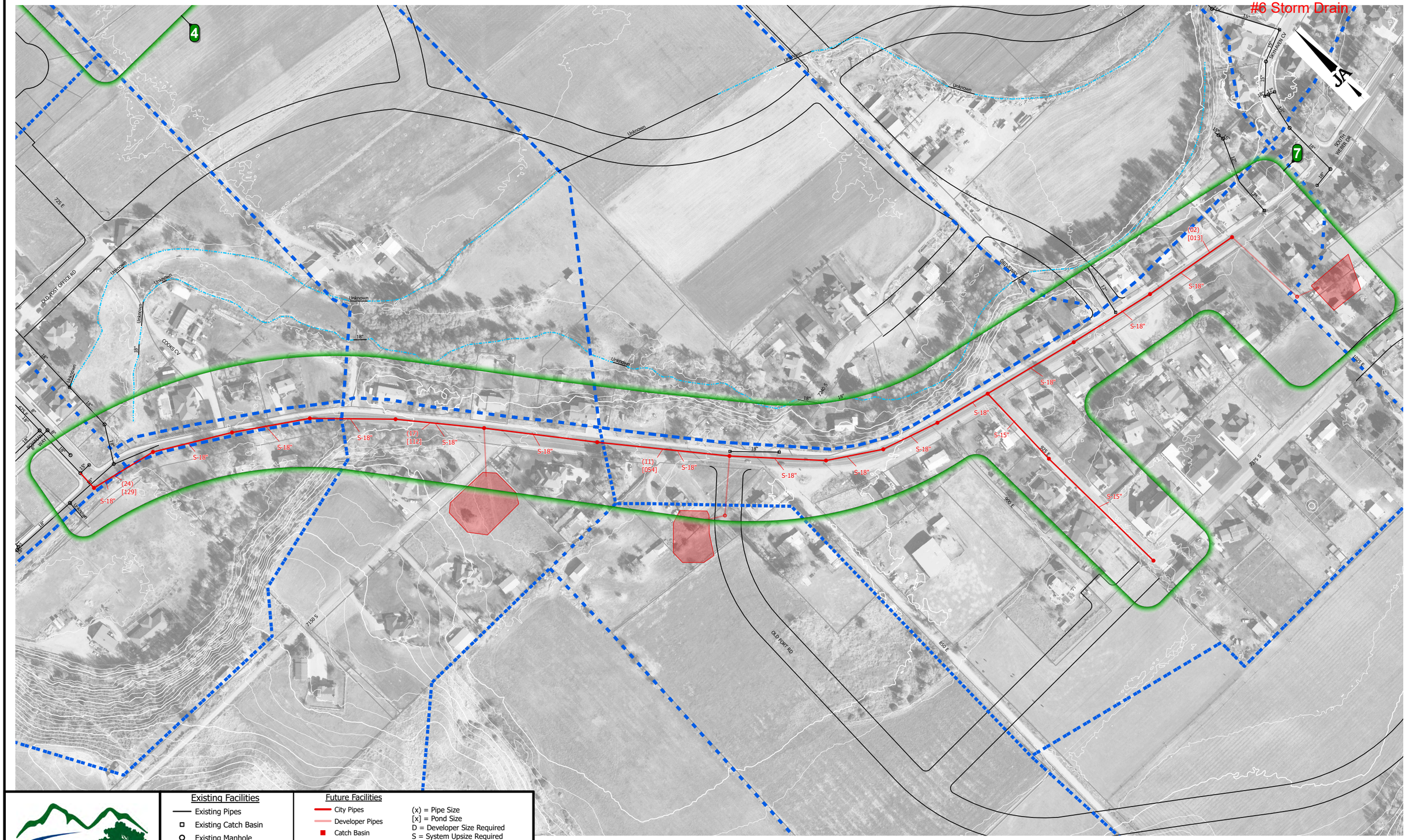
STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 6: REGIONAL POND #5 & PIPING

EXHIBIT

P.6

#6 Storm Drain



SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:2,800
Contour Interval: 5'

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 7: SOUTH WEBER DRIVE OUTFALL LINE

EXHIBIT

P.7

#6 Storm Drain

I-84 WB FWY

I-84 EB FWY

8

16

24"

21"

T-3.73-AF

(13)
[026]

[167]

ED-24"

D-1.52-AF
T-5.25-AF

D-18"
S-30"
T-30"

(63)
[124]

(59)
[117]

ED-30"

36"

30"

18"

15"

ED-15"

1700 E

1750 E

1950 E

CANYON DR

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:1,500
Contour Interval: 5'

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SOUTH SOUTH WEBER city

SOUTH WEBER CITY
STORM DRAIN CAPITAL FACILITIES PLAN
PROJECT 8: I-84 DETENTION POND UPSIZING AND PIPING

EXHIBIT
P.8

#6 Storm Drain

7775 S

9

12"

2050 E

12"

15"

LID IMPROVEMENTS

12"

7800 S

12"

CEDAR LOOP D

18"

15"

15"

15"

7775 S

15"

15"

15"

15"

15"

2100 E

19

15"

12"

15"

15"

15"

JA

SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:800
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 9: 7800 SOUTH POND IMPROVEMENTS W/ LID

EXHIBIT

P.9

#6 Storm Drain

JA

Basin Removal, Existing Structures Replacement, Fill In, Landscape Repair

DEER RUN DR

CEDAR BENCH DR

2100 E

8100 S

12"
15"
24"
ED-15"

10
21
23

SOUTH WEBER city

Existing Facilities
- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities
- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE: 1:800
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 10: DEER RUN POND REMOVAL

EXHIBIT

P.10

#6 Storm Drain

11

REMOVE AND
REPLACE MANHOLE
STRUCTURE

24"
24"
2100 E
24"
15"
15"
24"
24"
24"
18"
18"
18"
24"
VIEW DR
24"
18"
18"
24"
18"
2175 E
7700 S
2050 E
18"

JA

SOUTH WEBER city

Existing Facilities
- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities
- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:800
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

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STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 11: MANHOLE STRUCTURE REPLACEMENT

EXHIBIT

P.11

#6 Storm Drain

JA

2300 E

2350 E

8100 S

DEER RUN DR

ED-15"

ED-30"

ED-30"

ED-15"

22

24

12

23

Basin Removal, Existing Structures Replacement, Fill In, Landscape Repair

18" 15" 12"

SOUTH WEBER city

Existing Facilities	Future Facilities	
Existing Pipes	City Pipes	(x) = Pipe Size
Existing Catch Basin	Developer Pipes	[x] = Pond Size
Existing Manhole	Catch Basin	D = Developer Size Required
Existing Detention Basin	Manhole	S = System Upsize Required
Open Channels	Control Structure	T = Total Size Required
Sub-Basin Boundaries	Developer Manhole	ED = Existing Deficiency
x" = Pipe Size x.xx-AF = Pond Size	Developer Basin	x" = Pipe Size x.xx-AF = Pond Size
	City Basin	
	Future Project	

SCALE: 1:800
Contour Interval: 5'

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 12: DEER RUN DR TO 8100 S PIPING

EXHIBIT P.12

#6 Storm Drain

13

20

25

ED-36"

ED-36"

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

24"

24"

15"

18"

24"

15"

12"

15"

2500 E

2550 E

2525 E

2475 E

DEER RUN DR

DEER RUN DR

PEACHWOOD DR

12"

12"

12"

15"

15"

15"

15"

18"

24"

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:800
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 13: PEACHWOOD DRIVE PIPE UPSIZING

EXHIBIT

P.13

#6 Storm Drain

JA

I-84 WB FWY

I-84 EB FWY

CANYON DR

1375 E

1550 E

Unknown

Unknown

ED-15"

Includes Curb & Gutter replacement from 1375 E to 1550 E

14

15

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:1,500
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 14: CANYON DRIVE IMPROVEMENTS - #1

EXHIBIT

P.14

#6 Storm Drain

JA

14

15

16

12"

12"

24"

24"

24"

24"

1600 E

1550 E

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

ED-15"

CANYON DR

Includes Curb & Gutter replacement from 1550 E to 1600 E

SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:800
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 15: CANYON DRIVE IMPROVEMENTS - #2

EXHIBIT

P.15

#6 Storm Drain

12"
12"
18"
24"
12"
12"
12"
12"
15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
ED-15"
Includes Curb & Gutter replacement from 1600 E to 1700 E
8
16
15
1700 E
1600 E
CANYON DR
JA

SOUTH WEBER city

Existing Facilities
- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities
- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE: 1:800
Contour Interval: 5'

MM/DD/YYYY 5/14/2021

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SOUTH WEBER CITY
STORM DRAIN CAPITAL FACILITIES PLAN
PROJECT 16: CANYON DRIVE IMPROVEMENTS - #3

EXHIBIT P.16

#6 Storm Drain

Includes Curb & Gutter replacement on 7775 S from 1750 E to 1900 E

7600 S
7700 S
7775 S
7840 S
7880 S
1750 E
1900 E
1650 E
1800 E
1850 E
CEDAR LOOP DR

17
18

ED-18"
ED-15"

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE: 1:1,500
Contour Interval: 5'

MM/DD/YYYY: 5/14/2021

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STORM DRAIN CAPITAL FACILITIES PLAN
PROJECT 17: 7775 S / 1800 E IMPROVEMENTS

EXHIBIT P.17

#6 Storm Drain

18

7840 S

1850 E

1900 E

CEDAR LOOP DR

18"

18"

18"

18"

18"

18"

18"

18"

18"

18"

18"

ED-15"

15"

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE: 1:600
Contour Interval: 5'

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 18: 1850 E IMPROVEMENTS

EXHIBIT

P.18

#6 Storm Drain

7775 S

7800 S

7875 S

7925 S

2100 E

2175 E

2250 E

CEDAR LOOP DR

15"

12"

6"

9

19

ED-15"

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 19: 2100 E / 7875 S / 2250 E IMPROVEMENTS

EXHIBIT

P.19

#6 Storm Drain

20

13

JA

7800 S

CEDAR GLEN CIR

2450 E

PEACHWOOD WAY

PEACHWOOD DR

VIEW DR

7875 S

7925 S

7975 S

8100 S

24"
18"
15"
12"

ED-18"
ED-36"
ED-15"

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
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STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 20: VIEW DR / PEACHWOOD DR IMPROVEMENTS

EXHIBIT

P.20

#6 Storm Drain

JA

CEDAR BENCH DR

DEER RUN DR

12"

ED-15"

15"

10

21

23

CEDAR CIR

2100 E

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE:
1:720
Contour Interval: 5'

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STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 21: CEDAR BENCH DR IMPROVEMENTS

EXHIBIT

P.21

#6 Storm Drain

20

22

12

24

2350 E

2300 E

8100 S

DEER RUN DR

ED-15"

ED-15"

ED-15"

ED-15"

ED-30"

ED-

15"

15"

18"

15"

18"

15"

18"

15"

18"

JA

SOUTH WEBER city

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:800
Contour Interval: 5'

MM/DD/YYYY
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STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 22: 8100 S IMPROVEMENTS

EXHIBIT

P.22

#6 Storm Drain

10

12

21

23

8100 S

8240 S

2100 E

2125 E

2175 E

2225 E

2250 E

2275 E

2300 E

2350 E

2260 E

DEER RUN DR

DEER RUN WAY

ED-30"

ED-15"

Basin Removal, Existing Structures Replacement, Fill In, Landscape Repair

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:1,500
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
South Ogden, Utah 84403 (801) 476-9767

SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 23: DEER RUN DR IMPROVEMENTS - #1

EXHIBIT

P.23

#6 Storm Drain

22

12

24

23

ED-15"

ED-15"

ED-15"

ED-30"

ED-30"

DEER RUN DR

DEER RUN DR

DEER RUN DR

PEACHWOOD DR

2350 E

2425 E

8125 S

18"8100 S

15"

18"

12"

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SOUTH WEBER city

SCALE: 1:800
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

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SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 24: DEER RUN DR IMPROVEMENTS - #2

EXHIBIT

P.24

#6 Storm Drain

PEACHWOOD WAY

DEER RUN D

2450 E

2625 E

2550 E

2500 E

2575 E

2700 E

2525 E

SUNSHINE CT

25

13

ED-36"

ED-15"

18"

24"

15"

12"

8"

30"

60"

JA

Existing Facilities

- Existing Pipes
- Existing Catch Basin
- Existing Manhole
- Existing Detention Basin
- Open Channels
- Sub-Basin Boundaries

x" = Pipe Size
x.xx-AF = Pond Size

Future Facilities

- City Pipes
- Developer Pipes
- Catch Basin
- Manhole
- Control Structure
- Developer Manhole
- Developer Basin
- City Basin
- Future Project

(x) = Pipe Size
[x] = Pond Size
D = Developer Size Required
S = System Upsize Required
T = Total Size Required
ED = Existing Deficiency
x" = Pipe Size
x.xx-AF = Pond Size

SCALE:
1:1,200
Contour Interval: 5'

MM/DD/YYYY
5/14/2021

JONES & ASSOCIATES

CONSULTING ENGINEERS

6080 Fashion Point Drive
South Ogden, Utah 84403 (801) 476-9767

SOUTH WEBER CITY

STORM DRAIN CAPITAL FACILITIES PLAN

PROJECT 25: DEER RUN DR IMPROVEMENTS - #3

EXHIBIT

P.25

Appendix F

Needs Assessment and Prioritization of Projects

Needs Assessment and Prioritization of Projects

Project #	Description	Project Cost	Impact Fee Eligible (Y/N)*	Evaluation Criteria (Rated 1-5, w/ 5 being highest priority and 0 being needed only with development)				
				Description of Need	Criticality	Condition	When Needed	Total Rating
26	Public Works Site and Facility (Storm Drain Portion)	$ 1,496,830	Y	The existing Public Works Facility is in extremely poor condition, is too small for current and future needs, and is in need of replacement to meet the needs. Property has been purchased.	5	5	5	15
11	2100 East Manhole Structure Replacement	$ 12,630	N	The manhole lid pops off during storm events causing an unsafe situation. Structure needs to be reconfigured to improve hydraulics.	4	5	5	14
12	Deer Run Dr. to 8100 South Piping and Pond Removal	$ 493,750	N	Piping is insufficient and ponding occurs in intersection of Deer Run Dr. / 2350 East, creating the potential for flooding. Maintenance of pond is difficult due to location and accessibility. Determined pond can be eliminated after piping is upsized. Lower long-term maintenance costs and damage due to flooding.	4	4	5	13
13	Peachwood Detention Pond Inlet Piping Upsize	$ 177,320	N	Piping is insufficient and ponding occurs in intersection of Deer Run Dr. / 2475 East, creating the potential for flooding. Lower long-term maintenance costs and damage due to flooding.	4	4	5	13
2	Heather Cove Pond Upsizing & Piping	$ 411,950	Y	Needed for development of the Public Works Facility	5	2	5	12

Needs Assessment and Prioritization of Projects

Project #	Description		Project Cost	Impact Fee Eligible (Y/N)*	Evaluation Criteria (Rated 1-5, w/ 5 being highest priority and 0 being needed only with development)				
					Description of Need	Criticality	Condition	When Needed	Total Rating
17	7775 South / 1800 East Improvements	$	759,690	N	See Note 1	2	5	5	12
23	Deer Run Drive Improvements - #1	$	400,000	N	See Note 1	3	4	5	12
14	Canyon Drive Improvements - #1	$	488,500	N	See Note 1	2	5	4	11
25	Deer Run Drive Improvements - #3	$	363,380	N	See Note 1	2	4	5	11
8	I-84 Detention Pond Upsizing and Piping	$	621,410	Y	Needed when property to the south develops. Overflow line needed to route all 100-yr flows to detention pond, but is best done at the time the adjacent property develops.	5	3	3	11
7	South Weber Drive Outfall Line	$	839,700	Y	Needed prior to any development on south side of South Weber Dr.	4	2	3	9
20	View Drive / Peachwood Drive Improvements	$	555,560	N	See Note 1	2	3	3	8
4	Regional Pond #3 & Piping	$	462,000	Y	Needed when property develops (North end first)	2	0	5	7
24	Deer Run Drive Improvements - #2	$	84,810	N	See Note 1	2	2	3	7
9	7800 South Pond Improvements w/ LID	$	103,500	N	Identified as a good location to implement LID measures for areas already developed	3	2	2	7
10	Deer Run Pond Removal	$	71,250	N	Maintenance of pond is difficult due to location and accessibility. Determined piping is sufficient and pond can be eliminated. Lower long-term maintenance costs.	2	3	2	7

Needs Assessment and Prioritization of Projects

Project #	Description	Project Cost	Impact Fee Eligible (Y/N)*	Evaluation Criteria (Rated 1-5, w/ 5 being highest priority and 0 being needed only with development)				
				Description of Need	Criticality	Condition	When Needed	Total Rating
15	Canyon Drive Improvements - #2	$ 294,630	N	See Note 1	1	2	3	6
16	Canyon Drive Improvements - #3	$ 244,130	N	See Note 1	1	2	3	6
22	8100 South Improvements	$ 64,210	N	See Note 1	1	2	2	5
18	1850 East / 7840 South Improvements	$ 80,850	N	See Note 1	1	2	2	5
19	2100 East / 7875 South / 2250 East Improvements	$ 437,000	N	See Note 1	2	1	2	5
21	Cedar Bench Drive Improvements	$ 121,220	N	See Note 1	1	1	2	4
5	Regional Pond #4 & Piping	$ 393,500	Y	Needed when property develops (North end first, and after Project #4)	2	0	1	3
1	Regional Pond #1 & Piping	$ 945,000	Y	Needed when property develops	2	0	0	2
3	Regional Pond #2 & Piping	$ 473,070	Y	Needed when property develops (North end first)	2	0	0	2
6	Regional Pond #5 & Piping	$ 355,950	Y	Needed when property develops (North end first, and after Project #4 & #5)	2	0	0	2

Note 1: Roads are flat with poor drainage. Lots of ponding occurs with both storms and sprinkler water causing damage to the street pavement structure. Improved drainage will lengthen life of the road. Waterways on steep roads can also cause damage to vehicles and city snow plows. Removal of waterways will save maintenance costs on vehicles and roadways.

** Indicates that all or a portion of the total project cost is impact fee eligible.*

South Weber City

Storm Drain Impact Fee Analysis

Zions Public Finance, Inc.

September 2021

CONTENTS

EXECUTIVE SUMMARY

Background Information

South Weber ("City") retained Jones & Associates to prepare an Impact Fee Facilities Plan (IFFP) for storm water, and retained Zions Public Finance, Inc. (ZPFI) to prepare this Impact Fee Analysis (IFA) for the calculation of appropriate storm water impact fees. This IFA relies on the information provided in the IFFP regarding current system capacity and future storm water capital facility needs, cost and timing.

Service Area. There is one service area in the City for the purpose of calculating storm water impact fees.

Level of Service. According to the IFFP, "South Weber City's storm water policy was that the runoff from a 10-year storm should be contained in the piping system and local detention ponds. The runoff from a 100-year storm should be contained in regional detention ponds and should be effectively conveyed to the ponds through the piping system."[1]

Growth Projections. Between 2020 and 2030, South Weber is expected to grow by 944 storm water equivalent residential units (ERUs).

TABLE 1: STORM WATER ERU GROWTH PROJECTIONS

Year	ERUs
2020	2,829
2021	3,110
2022	3,345
2023	3,395
2024	3,446
2025	3,498
2026	3,551
2027	3,605
2028	3,660
2029	3,716
2030	3,773
Growth in ERUs 2020-2030	944

Source: Jones & Associates, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan, August 2021

[1] Jones & Associates Consulting Engineers, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan System Impact Fee Facilities Plan, Section 6.2 Level of Service, pg. 22

Impact on Consumption of Existing Capacity

Utah Code 11-36a-304(1)(a)

The IFFP identifies that there is currently no excess capacity in the storm water system.

Impact on System Improvements by Anticipated New Development

Utah Code 11-36a-304(1)(b)

The City has determined to maintain its current level of storm water service which is that additional storm water improvements will be required in order to maintain the established storm water level of service as new development occurs. The new system improvements needed to serve the needs of new development over the next 10 years have been identified by Jones & Associates at a total cost of $1,203,220.

TABLE 2: NEW SYSTEM IMPROVEMENTS

Project	Description	Current Deficiency	Maintenance	Developer Participation	Impact Fee Improvements	Total
26	Public Works Site and Facility (Storm Drain Portion)	$0	$987,910	$0	$508,920	$1,496,830
2	Heather Cove Pond Upsizing & Piping	$0	$51,570	$329,470	$30,910	$411,950
8	I-84 Detention Pond Upsizing & Piping	$220,040	$0	$390,870	$10,500	$621,410
7	South Weber Drive Ouftall Line	$0	$0	$0	$839,700	$839,700
4	Regional Pond #3 & Piping	$0	$0	$266,370	$195,630	$462,000
5	Regional Pond #4 & Piping	$0	$0	$372,870	$20,630	$393,500
1	Regional Pond #1 & Piping	$0	$0	$711,930	$233,070	$945,000
3	Regional Pond #2 & Piping	$0	$0	$468,070	$5,000	$473,070
6	Regional Pond #3 & Piping	$0	$0	$349,200	$6,750	$355,950
	Total	**$220,040**	**$1,039,480**	**$2,888,780**	**$1,851,110**	**$5,999,410**
	% System Improvements Constructed in next 10 years			**65%**	**$1,203,220**	

Source: Jones & Associates, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan, August 2021

Proportionate Share Analysis and Impact Fee Calculation

Utah Code 11-36a-304(1)(d) and (e) and (2)(a) and (b)

New development will be required to pay for its fair share of the construction of new system improvements necessitated by new development, as well as consultant costs.

TABLE 3: SUMMARY OF IMPACT FEE COSTS

Summary of Impact Fees	
Buy-In Excess Capacity	$0.00
New Construction	$1,274.60
Consultant Costs	$28.60
Deficiency Credit	($51.30)
Total Maximum Impact Fee per ERU for 2021	**$1,251.90**
Residential – Single Family, Duplexes, Townhomes, Condos = 1.0 ERU per lot/unit	**$1,251.90**
Residential – Apartments = 0.75 ERUs per unit	**$938.92**
Non-Residential – Commercial, Industrial, Institutional, etc. = 1.0 ERU per 3,365 sf of hard surface	**Varies**

Manner of Financing for Public Facilities

There is no outstanding debt on the City's storm drain system and the City does not anticipate issuing debt in the near term to finance new facilities. Therefore, no credits need to be made for existing or future financing.

CHAPTER 1: OVERVIEW OF THE STORM WATER IMPACT FEES

Summary

An impact fee is intended to recover the City's costs of building storm water system capacity to serve new residential and non-residential development rather than passing all of these growth-related costs on to existing users through rates. The Utah Impact Fees Act allows only certain costs to be included in an impact fee so that only the fair cost of expansionary projects or existing unused capacity paid for by the City is assessed through an impact fee.

Costs to be Included in the Impact Fee

The impact fees proposed in this analysis are calculated based upon:

- Excess capacity in the City's storm water system;
- New capital infrastructure for storm water systems that will serve new development; and
- Professional and planning expenses related to the construction of system improvements that will serve new development.

The costs that cannot be included in the impact fee are as follows:

- Costs for projects that cure system deficiencies;
- Costs for projects that increase the Level of Service (LOS) above that which is currently provided;
- Operations and maintenance costs;
- Costs of facilities funded by grants or other funds that the City does not have to repay; and
- Costs of reconstruction of facilities that do not have capacity to serve new growth.

Utah Code Legal Requirements

Utah law requires that communities and special districts prepare an Impact Fee Analysis (IFA) before enacting an impact fee. Utah law also requires that communities/districts give notice of their intent to prepare and adopt an IFA. This IFA follows all legal requirements as outlined below. The City has retained ZPFI to prepare this Impact Fee Analysis in accordance with legal requirements.

Notice of Intent to Prepare Impact Fee Analysis

A local political subdivision must provide written notice of its intent to prepare an IFA before preparing the Analysis (Utah Code 11-36a-503(1)). This notice must be posted on the Utah Public Notice website. The City has complied with this noticing requirement for the IFA by posting notice.

Preparation of Impact Fee Analysis

Utah Code requires that "each local political subdivision . . . intending to impose an impact fee shall prepare a written analysis of each impact fee" (Utah Code 11-36a-303).

Section 11-36a-304 of the Utah Code outlines the requirements of an impact fee analysis which is required to identify the following:

(1) An impact fee analysis shall:

(a) identify the anticipated impact on or consumption of any existing capacity of a public facility by the anticipated development activity;

(b) identify the anticipated impact on system improvements required by the anticipated development activity to maintain the established level of service for each public facility;

(c) demonstrate how the anticipated impacts described in Subsections (1)(a) and (b) are reasonably related to the anticipated development activity;

(d) estimate the proportionate share of:
  (i) the costs for existing capacity that will be recouped; and
  (ii) the costs of impacts on system improvements that are reasonably related to the new development activity; and

(e) identify how the impact fee was calculated.

(2) In analyzing whether or not the proportionate share of the costs of public facilities are reasonably related to the new development activity, the local political subdivision or private entity, as the case may be, shall identify, if applicable:

(a) the cost of each existing public facility that has excess capacity to serve the anticipated development resulting from the new development activity;

(b) the cost of system improvements for each public facility;

(c) other than impact fees, the manner of financing for each public facility, such as user charges, special assessments, bonded indebtedness, general taxes, or federal grants;

(d) the relative extent to which development activity will contribute to financing the excess capacity of and system improvements for each existing public facility, by such means as user charges, special assessments, or payment from the proceeds of general taxes;

(e) the relative extent to which development activity will contribute to the cost of existing public facilities and system improvements in the future;

(f) the extent to which the development activity is entitled to a credit against impact fees because the development activity will dedicate system improvements or public facilities that will offset the demand for system improvements, inside or outside the proposed development;

(g) extraordinary costs, if any, in servicing the newly-developed properties; and

(h) the time-price differential inherent in fair comparisons of amounts paid at different times.

Calculating Impact Fees

Utah Code states that for purposes of calculating an impact fee, a local political subdivision or private entity may include:

(a) the construction contract price;
(b) the cost of acquiring land, improvements, materials, and fixtures;

(c) the cost for planning, surveying, and engineering fees for services provided for and directly related to the construction of the system improvements; and

(d) for political subdivision, debt service charges, if the political subdivision might use impact fees as a revenue stream to pay the principal and interest on bonds, notes or other obligations issued to finance the costs of the system improvements.

Additionally, the Code states that each political subdivision or private entity shall base impact fee amounts on realistic estimates and the assumptions underlying those estimates shall be disclosed in the impact fee analysis.

Certification of Impact Fee Analysis

Utah Code states that an impact fee analysis shall include a written certification from the person or entity that prepares the impact fee analysis. This certification is included as part of this Impact Fees Analysis.

Impact Fee Enactment

Utah Code states that a local political subdivision or private entity wishing to impose impact fees shall pass an impact fee enactment in accordance with Section 11-36a-402. Additionally, an impact fee imposed by an impact fee enactment may not exceed the highest fee justified by the impact fee analysts. An impact fee enactment may not take effect until 90 days after the day on which the impact fee enactment is approved.

CHAPTER 2: IMPACT FROM GROWTH UPON THE CITY'S FACILITIES AND LEVEL OF SERVICE

Utah Code 11-36a-304(1)(a)(c)

Storm Drain Service Area

South Weber City has one service area for the purpose of calculating storm drain impact fees.

Growth in Demand

The City has been experiencing steady growth. The IFFP identifies that a constant growth rate is used to project the total future ERUs contributing to the storm drain system. Therefore, projected growth has been forecasted using the growth rate as identified in the IFFP.

The table below shows storm drain growth projections. The City's storm drain system is projected to grow from 2,829 ERUs in 2020 to an estimated 3,773 ERU's in 2030. The growth between 2020 and 2030, as used in the IFFP, is expected to be 944 ERUs.

TABLE 4: PROJECTED ERU GROWTH THROUGH 2030

Year	ERUs
2020	2,829
2021	3,110
2022	3,345
2023	3,395
2024	3,446
2025	3,498
2026	3,551
2027	3,605
2028	3,660
2029	3,716
2030	3,773
Growth in ERUs 2020-2030	944

Source: Jones & Associates, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan, August 2021

Existing and Proposed LOS Analysis

According to the IFFP, "South Weber City's storm water policy was that that the runoff from a 10-year storm should be contained in the piping system and local detention ponds. The runoff from a 100-year storm should be contained in regional detention ponds and should be effectively conveyed to the ponds through the piping system."[2]

The City's proposed level of service during the IFFP period is to equal the existing level of service.

[2] Jones & Associates Consulting Engineers, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan System Impact Fee Facilities Plan, Section 6.2 Level of Service, pg. 22

CHAPTER 3: IMPACT ON CAPACITY FROM DEVELOPMENT ACTIVITY

Utah Code 11-36a-304(1)(a)

Existing Capacity and Deficiency

According to Jones & Associates, the existing storm water system currently has no excess capacity. Therefore, new development cannot be charged a buy-in fee, as part of the overall impact fee, for the capacity it consumes.

CHAPTER 4: SYSTEM IMPROVEMENTS REQUIRED FROM DEVELOPMENT ACTIVITY

Utah Code 11-36a-304(1)(b)(c), (2)(b)

Impact on System Improvements by Anticipated New Development

The City has determined to maintain its current level of storm water service. Therefore, additional storm water improvements will be required in order to maintain the established storm drain level of service. The means by which the City will meet growth demands include constructing the following projects as set forth in the Impact Fee Facilities Plan. This will occur through requiring new development to pay for its fair share of new construction projects.

New construction projects necessitated by new development over the next 10 years will reach $1,203,220 based on calculations shown in the following table. Per conversations with Jones & Associates, maintenance costs are purely operational and will not be included as an impact fee eligible cost.

TABLE 5: NEW SYSTEM IMPROVEMENTS NECESSITATED BY NEW DEVELOPMENT

Project	Description	Current Deficiency	Maintenance	Developer Participation	Impact Fee Improvements	Total
26	Public Works Site and Facility (Storm Drain Portion)	$0	$987,910	$0	$508,920	$1,496,830
2	Heather Cove Pond Upsizing & Piping	$0	$51,570	$329,470	$30,910	$411,950
8	I-84 Detention Pond Upsizing & Piping	$220,040	$0	$390,870	$10,500	$621,410
7	South Weber Drive Ouftall Line	$0	$0	$0	$839,700	$839,700
4	Regional Pond #3 & Piping	$0	$0	$266,370	$195,630	$462,000
5	Regional Pond #4 & Piping	$0	$0	$372,870	$20,630	$393,500
1	Regional Pond #1 & Piping	$0	$0	$711,930	$233,070	$945,000
3	Regional Pond #2 & Piping	$0	$0	$468,070	$5,000	$473,070
6	Regional Pond #3 & Piping	$0	$0	$349,200	$6,750	$355,950
	Total	**$220,040**	**$1,039,480**	**$2,888,780**	**$1,851,110**	**$5,999,410**
	% System Improvements Constructed in next 10 years			**65%**	**$1,203,220**	

Source: Jones & Associates, Storm Drain Capital Facilities Plan and Impact Fee Facilities Plan, August 2021

CHAPTER 5: PROPORTIONATE SHARE ANALYSIS

Utah Code 11-36a-304(1)(d)(e)

Maximum Legal Storm Water Impact Fee per ERU

The Impact Fees Act requires the Impact Fee Analysis to estimate the proportionate share of the future costs for system improvements and historic cost of existing system improvements that benefit new growth that can be recouped through impact fees. The impact fee for existing assets must be based on the historic costs while the fees for construction of new facilities must be based on reasonable future costs of the system.

The maximum impact fee permitted by law for the storm water system includes buy-in costs for existing, excess capacity as well as the cost of construction of new facilities. Whereas the City currently has no existing excess capacity, only cost of construction of new facilities will be considered for facility costs.

Buy-in to Existing, Excess Capacity

According to the IFFP, the existing storm water system has no excess capacity.

New Construction

The City intends to maintain its existing level of service for storm water services through constructing new system improvements described in the IFFP and previously in this IFA. Total impact-fee eligible costs for new construction are $1,851,110 through buildout. The amount attributable to new development over the next 10 years has been identified in the IFFP as 65%, meaning the cost to new growth by 2030 will be $1,203,220. Based on the 944 ERUs served over the next 10 years, the total cost per ERU is calculated at $1,274.60.

TABLE 6: PROPORTIONATE SHARE ANALYSIS, NEW CONSTRUCTION NECESSITATED BY NEW DEVELOPMENT

	Amount
Cost of New Construction	$1,851,110
Capacity of New Construction - ERUs	1,446
Growth in ERUs, 2020-2030	944
% to New Growth by 2030	65%
Cost to New Growth by 2030	$1,203,220
Cost per ERU	**$1,274.60**

Consultant Costs

The Impact Fees Act allows for fees charged to include the reimbursement of consultant costs incurred in the preparation of the IFFP and IFA.

Consultant costs are estimated at $27,000 in order to prepare the IFFP and IFA that were necessary in order to calculate defensible impact fees. The engineering and consultant studies are considered to serve development over the next 10 years. Based on the 944 ERUs served over the next 10 years, the total cost per ERU is $28.60.

TABLE 7: PROPORTIONATE SHARE ANALYSIS, CONSULTANT COST

	Amount
Jones & Associates Consulting Engineers	$22,000
ZPFI	$5,000
Growth in ERUs, 2020-2030	944
Cost per ERU	**$28.60**

Impact Fee Fund Balance

The City currently has no balance in its storm water impact fee fund. Therefore, there is no credit that must be made against the impact fee fund balance.

Calculation of Credits

The City does not have any outstanding storm drain bonds for which credits need to be made against the impact fees.

A credit must be made, however, for the portion of new construction projects that will benefit existing development. The IFFP provides the following estimate of the portion of new construction projects anticipated to benefit existing development.

TABLE 8: NEW CONSTRUCTION CREDIT AMOUNT

Project	Description	Current Deficiency
8	I-84 Detention Pond Upsizing & Piping	$220,040

Therefore, a credit must be made for the $220,040 that will benefit existing development. This credit has been calculated by dividing the cost of $220,040 over 10 years, for a cost of $22,004 per year. The cost attributed to each year is then divided by the estimated number of ERUs each year to arrive at a payment per ERU. This represents the average amount that will be needed, per ERU, through a source such as storm drain utility rates. Therefore, if new development pays the entire impact fee, plus contributes through property taxes, utility rates, etc., it will pay for more than its fair share of storm drain capital costs. The last step in calculating the credit is to calculate the net present value (NPV) of the annual payments and to subtract this amount from the gross impact fee.

TABLE 9: PROPORTIONATE SHARE CALCULATION – CREDITS

Year	Payment per Year	ERUs	Payment per ERU	NPV*
1	$22,004	3,110	$7.08	$51.30
2	$22,004	3,345	$6.58	$46.28
3	$22,004	3,395	$6.48	$41.55
4	$22,004	3,446	$6.39	$36.73
5	$22,004	3,498	$6.29	$31.82
6	$22,004	3,551	$6.20	$26.80
7	$22,004	3,605	$6.10	$21.68
8	$22,004	3,660	$6.01	$16.44
9	$22,004	3,716	$5.92	$11.09
10	$22,004	3,773	$5.83	$5.61

*NPV = net present value discounted at 4.0 percent

Summary of Maximum Impact Fee Calculation

The maximum impact fee allowed by law includes new system improvement costs of $1,274.60 per ERU, plus consultant costs of $28.60 per ERU. The maximum impact fee also includes a credit for existing deficiencies in the amount of $51.30 per ERU. This results in total maximum impact fees of $1,251.90 per ERU. New development will pay the fee based on the development type as outlined in the table below.

TABLE 10: PROPORTIONATE SHARE IMPACT FEE CALCULATION

Summary of Impact Fees	
Buy-In Excess Capacity	$0.00
New Construction	$1,274.60
Consultant Costs	$28.60
Deficiency Credit	($51.30)
Total Maximum Impact Fee per ERU for 2021	**$1,251.90**
Residential – Single Family, Duplexes, Townhomes, Condos = 1.0 ERU per lot/unit	**$1,251.90**
Residential – Apartments = 0.75 ERUs per unit	**$938.92**
Non-Residential – Commercial, Industrial, Institutional, etc. = 1.0 ERU per 3,365 sf of hard surface	**Varies**

Due to the deficiency credits outlined previously, the maximum impact fee per ERC will increase each year as the NPV of the bond credits lower each year. The table below shows how this will affect the maximum impact fee that can be charged.

TABLE 11: MAXIMUM IMPACT FEE PER ERU BY YEAR

	2021	**2022**	**2023**	**2024**	**2025**
Maximum Impact Fee per ERU	$1,251.90	$1,256.92	$1,261.65	$1,266.46	$1,271.38

CHAPTER 6: MANNER OF FINANCING, CREDITS, ETC

Utah Code 11-36a-304(2)(c)(d)(e)(f)(g) and (h)

An impact fee is a one-time fee that is implemented by a local government on new development to fund and pay for the proportionate costs of public facilities (system improvements) that are needed to serve new development. As a matter of policy and legislative discretion, a City may choose to have new development pay the full cost of its proportionate share of new public facilities and existing facilities that have excess capacity to service new development through impact fees. Alternatively, local governments may elect to subsidize new development by using other sources of revenue (user charges, special assessments, bonds, taxes, grants) to pay for the new facilities required to service new development and use impact fees to recover the cost difference between the total cost of the new facilities and the other sources of revenue.

At the current time, no other sources of funding other than impact fees have been identified, but to the extent that any are identified and received in the future, then impact fees will be reduced accordingly. The City has found that it is necessary to charge an impact fee to maintain the existing level of service into the future.

Additional system improvements beyond those funded through impact fees that are desired to raise the level of service will be paid for by the community through other revenue sources such as user charges, special assessments, General Obligation bonds, general taxes, etc.

Impact Fee Credits

The Impact Fees Act requires that the IFA consider the relative extent to which new development activity will contribute to financing the excess capacity of and system improvements for new and public facilities, by such means as user charges, special assessments, or payment from the proceeds of general taxes so that new development is not charged twice. There is no excess capacity in the existing system and therefore no credits apply from buy-in to existing, excess capacity.

In terms of new facilities, all impact fee amounts collected must be spent for the specific project improvements listed in the IFFP and incorporated into this IFA. No user fees, special assessments, etc., are contemplated to offset any of the costs associated with the new transportation facilities.

Credits may also be paid back to developers who have constructed or directly funded system improvements that are included in the IFFP or donated to the City in lieu of impact fees, including the dedication of land for system improvements. This situation does not apply to developer exactions for project improvements. Any item for which a developer receives credit should be included in the IFFP and must be agreed upon with the City before construction begins.

The standard impact fee can also be decreased to respond to unusual circumstances in specific cases in order to ensure that impact fees are imposed fairly. In certain cases, a developer may submit studies and data that clearly show a need for adjustment.

Extraordinary Costs and Time Price Differential

It is not anticipated that there will be any extraordinary costs in servicing newly-developed properties. To account for the time-price differential inherent in fair comparisons of amounts paid at different times,

current costs have been used to compute impacts on system improvements required by anticipated development activity to maintain the established level of service for each public facility.

CERTIFICATION

Zions Bank Public Finance certifies that the attached impact fee analysis:

1. Includes only the costs of public facilities that are:
    a. allowed under the Impact Fees Act; and
    b. actually incurred; or
    c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;

2. Does not include:
    a. costs of operation and maintenance of public facilities;
    b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;

3. Offsets costs with grants or other alternate sources of payment; and

4. Complies in each and every relevant respect with the Impact Fees Act.

JONES & ASSOCIATES CONSULTING ENGINEERS

SOUTH WEBER city

M E M O R A N D U M

TO: South Weber City Mayor and City Council

FROM: Brandon K. Jones, P.E.
South Weber City Engineer

CC: David Larson – South Weber City Manager
Mark Johnson – South Weber City Stormwater Superintendent

RE: DAVIS COUNTY STORMWATER COALITION
2021 INTERLOCAL COOPERATION AGREEMENT
UPDES GENERAL PERMIT
Approval Memo

Date: September 21, 2021

Polluted stormwater runoff can be transported through municipal separate storm sewer systems (MS4s), and then often discharged into local water bodies. To prevent harmful pollutants from being washed or dumped into MS4s, certain municipalities are required to obtain coverage under a Utah MS4 permit and develop stormwater management programs (SWMPs). The SWMP describes the stormwater control practices that will be implemented consistent with permit requirements to minimize the discharge of pollutants from the storm sewer system. South Weber is considered an MS4 and is therefore required to comply.

A new Utah MS4 permit came out in 2020. One of the requirements of the new permit is for each MS4 to produce a new SWMP. All SWMPs must implement 6 specific Minimum Control Measures (MCMs). In order to help meet some of these MCMs when the original permit came out Davis County organized the Davis County Stormwater Coalition; essentially creating a group consisting of all cities in Davis County that could compile resources and more easily comply with some of the MCMs (largely covering public education and involvement, training, creation and sharing of Standard Operating Procedures, etc.).

Earlier this year, the current Davis County Stormwater Coalition Interlocal Cooperation Agreement expired. The new Agreement is very similar to the previous agreement; only adding clarification on the scope of what the coalition is intended to accomplish. Section 4 of the new Agreement covers the "Joint Cooperation," which is the essence of the purpose of the coalition.

Participating with the Davis County Stormwater Coalition through approval of this Agreement covers a vital part of the required MCMs in the city's SWMP. We therefore strongly urge the City Council to approve this Agreement.

RESOLUTION 21-45

A RESOLUTION OF THE SOUTH WEBER CITY COUNCIL APPROVING THE 2021 INTERLOCAL COOPERATION AGREEMENT WITH DAVIS COUNTY AND DAVIS COUNTY CITIES FOR UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) GENERAL PERMIT

WHEREAS, South Weber is a member of the Davis County Storm Water Coalition and shares General Permit UTR 090000 for discharges from small municipal separate storm sewer systems which expired in 2021; and

WHEREAS, the Environmental Protection Agency publishes regulations for stormwater discharge and the Department of Environmental Quality issues pollutant discharge elimination system permits within the state of Utah; and

WHEREAS, South Weber along with other cities within Davis County are willing to jointly implement activities to fulfill a portion of the UPDES permit requirements as members of the Davis County Storm Water Coalition; and

WHEREAS, the agreement outlines the costs and responsibilities of the Coalition members; and

WHEREAS, Council understands the importance to the environment of following regulations and wishes to fully comply;

NOW THEREFORE BE IT RESOLVED by the Council of South Weber City, Davis County, State of Utah, as follows:

Section 1. Approval: The 2021 Interlocal Cooperation Agreement Between Davis County Cities and Davis County for UPDES General Permit as attached in Exhibit 1 is hereby approved.

Section 2: **Repealer Clause**: All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.

PASSED AND ADOPTED by the City Council of South Weber, Davis County, on the 28th day of September 2021.

Roll call vote is as follows:		
Council Member Winsor	FOR	AGAINST
Council Member Petty	FOR	AGAINST
Council Member Soderquist	FOR	AGAINST
Council Member Alberts	FOR	AGAINST
Council Member Halverson	FOR	AGAINST

Jo Sjoblom, Mayor

Attest: Lisa Smith, Recorder

EXHIBIT 1

2021 INTERLOCAL COOPERATION AGREEMENT BETWEEN DAVIS COUNTY CITIES AND DAVIS COUNTY FOR UPDES GENERAL PERMIT

RESOLUTION 21-45

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Roll call vote is as follows:		
Council Member Winsor	FOR	AGAINST
Council Member Petty	FOR	AGAINST
Council Member Soderquist	FOR	AGAINST
Council Member Alberts	FOR	AGAINST
Council Member Halverson	FOR	AGAINST

Jo Sjoblom, Mayor

Attest: Lisa Smith, Recorder

EXHIBIT 1

2021 INTERLOCAL COOPERATION AGREEMENT BETWEEN DAVIS COUNTY CITIES AND DAVIS COUNTY FOR UPDES GENERAL PERMIT

2021 INTERLOCAL COOPERATION AGREEMENT
BETWEEN DAVIS COUNTY CITIES AND
DAVIS COUNTY
FOR
UPDES GENERAL PERMIT

THIS AGREEMENT (Agreement) is entered into this 28 day of Sep, 2021, by and between the following parties: DAVIS COUNTY, a body corporate and politic of the State of Utah, and the following cities, each of which is a municipal corporation of the State of Utah: BOUNTIFUL, CENTERVILLE, CLEARFIELD, CLINTON, FARMINGTON, FRUIT HEIGHTS, KAYSVILLE, LAYTON, NORTH SALT LAKE, SOUTH WEBER, SUNSET, SYRACUSE, WEST BOUNTIFUL, WEST POINT and WOODS CROSS (Parties).

WITNESSETH:

WHEREAS, the parties are "public agencies" and are authorized and to comply with the *Utah Interlocal Cooperation Act*, §11-13-101, *et seq*., *Utah Code Annotated*, to enter into agreements with each other for joint or cooperative action; and

WHEREAS, the Environmental Protection Agency (EPA) has published its "Final Rule" setting forth the National Pollutant Discharge Elimination System (NPDES) permit application rules and regulations for stormwater discharges to municipal separate storm sewer systems; and

WHEREAS, the State of Utah, through its Department of Environmental Quality, Division of Water Quality (DWQ), has statutory rulemaking authority and authority to issue pollutant discharge elimination system permits within the State of Utah pursuant to the rules and regulations of the Utah Pollutant Discharge Elimination System (UPDES); and

WHEREAS, the State of Utah has issued a General Permit for Discharges from Small Municipal Separate Storm Sewer Systems, Permit No. UTR 090000 (Permit), to each party of this Agreement, which Permit is incorporated herein by this reference; and

WHEREAS, the rules and regulations provide that more than one entity may jointly implement activities to comply with UPDES permit requirements under Section 4.3 of the General Permit for Discharges from Small Municipal Separate Storm Sewer Systems; and

WHEREAS, the parties are willing to jointly implement activities to fulfill a portion of the UPDES permit requirements; and

WHEREAS the parties desire to enter into this Agreement setting forth their present understanding as to their respective responsibilities with regard to their participation as permittees under their Permit.

NOW, THEREFORE, in consideration of the mutual promises set forth herein, the parties agree as follows:

1. Compliance with Permit. As permittees, the parties agree to jointly implement and enforce within their own jurisdictions, their respective responsibilities for complying with the Permit requirements including but not limited to, those responsibilities and requirements set forth in Parts 4.0, 5.0, and 6.0 of the Permit.

2. Administration of Agreement. The administration of this Agreement shall be done by the public works directors of each party, or their official designee, constituting the Davis County Storm Water Coalition (Coalition). Each party will have one voting right. No separate legal entity is created by the terms of this Agreement.

3. Costs. The parties agree that each party shall be responsible to pay for those costs relating to their own stormwater systems, and that the parties shall reimburse each other for expenses incurred in providing services for each other as may be agreed by the parties concerning the various tasks and responsibilities required under the Permit.

4. Joint Cooperation. As reasonably necessary, the parties agree to assist each other in providing and sharing information, drawings, plans, data, etc., which are required to comply

with the requirements set forth in the Permit. The specific activities that the parties agree to assist each other in are set forth as follows:

a. Jointly purchase educational and training materials, as determined by the Coalition, for distribution to:
    i. Residents
    ii. Institutions, industrial and commercial facilities
    iii. Developers and contractors (construction)
    iv. Municipal Separate Storm Sewer System (MS4) owned or operated facilities

b. Use the Coalition as a county-wide committee to:
    i. Train personnel
    ii. Create partnerships
    iii. Obtain input and feedback from special interest groups

c. Annually contribute updated storm drain system information for county-wide mapping purposes

d. Jointly prepare and promote model ordinances, updates and standards that addresses:
    i. Illicit discharges
    ii. Construction site storm water runoff
    iii. Long-term storm water management

e. Jointly arrange for and provide education about hydrologic methods and criteria for selecting and sizing post-construction BMPs

f. Jointly participate to develop draft Standard Operating Procedures

g. Jointly evaluate, identify, target and provide educational materials and

outreach to address the reduction of water quality impacts associated with nitrogen and phosphorus in discharges

5. Term of Agreement. The parties agree that the duration of this Agreement shall commence upon entry and shall continue in effect for the term of the Permit (which expires at midnight, May 11, 2026) and for an additional 120 days from the effective date of the renewal of the Permit by the Division.

6. Property. In the event that any property is acquired by the parties jointly for the undertaking, and paid for by them, then it shall be divided as the parties' representatives shall agree, or if no agreement is reached, then it shall be divided according to their respective payments for property, or if it cannot be practically divided, then the property shall be sold and the proceeds divided according to the parties' proportionate share of the purchase of the item of property. If property is purchased at one party's sole expense in connection with this Agreement, then the property so purchased shall be and remain the property of the party which purchased it.

7. Entire Agreement. This Agreement embodies the entire agreement between the parties, and it cannot be altered except in a written amendment which is signed by the parties.

8. Governmental Immunity. The parties recognize and acknowledge that each party is covered by the Utah Governmental Immunity Act, as set forth in *Utah Code Ann.* §§ 63G-7-101, *et seq*., as amended, and nothing herein is intended to waive or modify any and all rights, defenses or provisions provided therein. Officers and employees performing services pursuant to this Agreement shall be deemed officers and employees of the party employing their services, even if performing functions outside of the territorial limits of such party and shall be deemed officers and employees of such party under the provisions of the Utah Governmental Immunity Act. Each party shall be responsible and shall defend the action of its own employees, negligent

or otherwise, performed pursuant to the provisions of this Agreement.

9. No Third-Party Benefits. This Agreement is not intended to benefit any person or entity not named as a party hereto.

10. Severability. If any provision of this Agreement is determined by a court to be invalid or unenforceable, such determination shall not affect any other provision hereof, each of which shall be construed and enforced as if the invalid or unenforceable portion were not contained herein. Such invalidity or unenforceability shall not affect any valid and enforceable application thereof, and each such provision shall be deemed to be effective, operative and entered into in the manner and to the full extent permitted by applicable law.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement to be effective as of the day and year first above written.

[Signature Pages to Follow]

Additional signature pages for other entities have been omitted

Approval of
Interlocal Cooperation Agreement between
Davis County and Davis County Cities for
UPDES General Permit

Date_____

CITY OF SOUTH WEBER

By:_____

Mayor

ATTEST:

_____
City Recorder

Approved as to Form:

_____
City Attorney

JONES & ASSOCIATES CONSULTING ENGINEERS

SOUTH WEBER city

M E M O R A N D U M

TO: South Weber City Mayor and City Council

FROM: Brandon K. Jones, P.E.
South Weber City Engineer

CC: David Larson – South Weber City Manager
Mark Larsen – South Weber City Public Works Director

RE: STREETSCAN SERVICE AGREEMENT
Approval Recommendation Memo

Date: September 21, 2021

The City has currently been using iWorq to assess the condition of the streets in South Weber as well as provide software as an evaluation tool. The assessment of the condition of the streets is a "visual" assessment and is measured in years of Remaining Service Life (RSL). iWorq also provides other modules that allows the city to process citizen feedback on public works related items. We feel that the visual condition assessment method is lacking and does not give as accurate a portrayal of street conditions as is needed. We also feel that the measurement in RSL has inherent limitations. To make the best decisions and ensure that the funding spent on street maintenance is used as efficiently and effectively as possible, better assessment and evaluation tools are needed.

Options were researched to would provide a more accurate condition assessment, uses an absolute measurement system (pavement condition index – PCI), rather than a relative system (RSL), offers web tools for asset management by public works, and interactive web tools for citizen engagement. The City Manager reviewed the procurement and selection process. **StreetScan** is the company that was selected based on their ability to provide the desired assessment and evaluation tools. The services provided by **StreetScan** and the associated costs are all contained in the attached "Agreement for Services". A summary of the services and associated costs are shown in the following table:

SERVICE	COST
StreetScan – Pavement (28 miles)	$5,480
StreetScan – Sidewalk (46 miles)	$11,160
Asset Management Module	$4,000
Work Order Module	$16,500
Citizen Engagement Module	$5,500
Data Hosting	$750
TOTAL (1st Year)	**$43,390**
Budget	$44,000
TOTAL (2nd Year / ongoing)	*$16,500*

A detailed breakdown of all services provided can be found in the proposal which is included as part of the Agreement as an exhibit.

The proposed cost for services is under the budgeted amount. We recommend approval of the attached "Agreement for Services" with StreetScan, Inc.

RESOLUTION 21-46

A RESOLUTION OF THE SOUTH WEBER CITY COUNCIL APPROVING STREETSCAN SERVICE AGREEMENT

WHEREAS, the city needs to assess the condition of the streets and currently uses a program IworQ which measures in years of Remaining Service Life (RSL); and

WHEREAS, for a more accurate picture a better system is needed; and

WHEREAS; staff researched companies offering pavement condition index (PCI) for an absolute measurement system and selected StreetScan; and

WHEREAS, Council approved this purchase in the budget and the cost falls under the allotted amount;

NOW THEREFORE BE IT RESOLVED by the Council of South Weber City, Davis County, State of Utah, as follows:

Section 1. Approval: The StreetScan Service Agreement is hereby approved at the price of $43,290.

Section 2: **Repealer Clause**: All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.

PASSED AND ADOPTED by the City Council of South Weber, Davis County, on the 28th day of September 2021.

Roll call vote is as follows:		
Council Member Winsor	FOR	AGAINST
Council Member Petty	FOR	AGAINST
Council Member Soderquist	FOR	AGAINST
Council Member Alberts	FOR	AGAINST
Council Member Halverson	FOR	AGAINST

Jo Sjoblom, Mayor

Attest: Lisa Smith, Recorder

EXHIBIT 1

STREETSCAN SERVICE AGREEMENT

AGREEMENT FOR SERVICES
BY AND BETWEEN

STREETSCAN, INC.
AND

South Weber City, UT

THIS AGREEMENT is made this 14th day of September 2021, by and between the South Weber City, UT, with offices at 1600 E South Weber Dr, South Weber City, UT 84405 hereinafter called the MUNICIPALITY and STREETSCAN, INC., with offices at 603 Salem Street, Wakefield, MA 01880, hereinafter called STREETSCAN (together the "PARTIES").

WITNESSETH, for the consideration hereinafter set forth, the parties hereto agree as follows:

ARTICLE 1 - ENGAGEMENT OF STREETSCAN

The MUNICIPALITY hereby engages STREETSCAN, and STREETSCAN hereby accepts the engagement to perform certain pavement inspection and management services for the MUNICIPALITY.

ARTICLE 2 - SCOPE OF SERVICES

The Scope of Services will be performed in accordance with STREETSCAN'S proposal to the MUNICIPALITY submitted the 14th day of September 2021 (herein referred to as the "PROJECT") attached hereto as Exhibit C and showing a list of purchased services in the Sales Order attached hereto as Exhibit B.

This AGREEMENT represents the full and complete agreement between the PARTIES. Terms and conditions may be changed, or additional terms added only by written amendment to this AGREEMENT signed by both PARTIES.

ARTICLE 3 - RESPONSIBILITIES OF THE MUNICIPALITY

The MUNICIPALITY, without cost to STREETSCAN, shall do the following in a timely manner so as not to delay the services of STREETSCAN:

3.1 Designate in writing a person to act as the MUNICIPALITY's representative with respect to work to be performed under this AGREEMENT, such person to have complete authority to transmit instructions, receive information, interpret, and define the MUNICIPALITY's policies and decisions with respect to materials, equipment elements and systems pertinent to the work covered by this AGREEMENT.

3.2 The MUNICIPALITY's representative will coordinate with officials and other MUNICIPALITY employees who have knowledge of pertinent conditions and will confer

with STREETSCAN regarding both general and special considerations relating to the PROJECT.

3.3 Assist STREETSCAN by placing at STREETSCAN'S disposal all available information pertinent to the PROJECT or requested by STREETSCAN including previous reports and other historical data relative to design or construction of the roadways in the MUNICIPALITY.

3.4 Arrange for access to and make all provisions for STREETSCAN to enter upon public and private lands as required for STREETSCAN to perform its work under this AGREEMENT. If the selected service contains sidewalks the MUNICIPALITY is responsible for clear access. Objects such as debris, trash, trash cans, etc. have to be removed for clear access as it will affect the quality of the service.

3.5 Furnish STREETSCAN all needed topographic, property, boundary and right-of-way maps. Data provided in standard GIS file formats are preferred.

We require a target road GIS layer with segmentation, either from the client or from the State DOT. If neither is available, we can create it from a list of target roads from intersection to intersection or as otherwise directed, charging STREETSCAN's standard engineering billing rates attached hereto as Exhibit A. If MUNICIPALITY requests a different segmentation after the processing has begun, results will be delayed, and STREETSCAN will charge engineering rate for implementing the segmentation change.

STREETSCAN will use MUNICIPALITY's pavement maintenance methods and pricing for the pavement maintenance plan, if it is provided by the end of the data collection. Otherwise we'll use our default pavement maintenance methods and pricing. Subsequent changes are billed at STREETSCAN's standard engineering billing rates.

3.6 Cooperate with and assist STREETSCAN in all additional work that is mutually agreed upon.

3.7 Pay STREETSCAN for work performed in accordance with the terms specified herein.

ARTICLE 4 - TIME OF PROJECT

STREETSCAN will initiate work under this AGREEMENT following formal acceptance of this AGREEMENT by the MUNICIPALITY. STREETSCAN agrees to provide services described herein in a timely manner. The PARTIES recognize that the services being provided by STREETSCAN are subject to impact by weather, labor, fire, construction, and technological issues that may cause delays during the pavement inspection period. STREETSCAN agrees to use its best efforts to avoid delays.

ARTICLE 5 - PAYMENTS TO STREETSCAN

Unless the Fees and Reconciliation set forth in Article 5.1 and 5.2 below are made on behalf of MUNICIPALITY by a third party, Articles 5.3, 5.4 and 5.5 below shall be applicable:

5.1 Fees. For services performed under this AGREEMENT, the MUNICIPALITY agrees to pay STREETSCAN the total amount set forth in the Sales Order attached hereto as Exhibit B, subject to the revisions directed by paragraph 5.2, based on those services selected by the MUNICIPALITY as set forth in the Sales Order after review of the proposal.

5.2 Reconciliation. The parties hereby acknowledge that the total amount set forth in Exhibit B may be subject to adjustment based on the actual quantities surveyed, which will not be known until STREETSCAN'S field work is complete. MUNICIPALITY agrees to pay for all services set forth in Exhibit B based on the actual quantities surveyed, whether more or less than set forth above or estimated in the proposal.

5.3 Monthly Payment. Fees for this PROJECT shall be billed monthly as they accrue based upon the services performed or other agreed upon milestones. The MUNICIPALITY agrees to make payment to STREETSCAN upon receipt of the monthly invoice.

5.4 Remedies. If the MUNICIPALITY fails to make any payment due STREETSCAN for services and expenses within thirty (30) days after receipt of STREETSCAN's statement therefor, STREETSCAN may, after giving seven (7) days' written notice to the MUNICIPALITY, suspend services under this AGREEMENT. Unless payment is received by STREETSCAN within seven (7) days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, STREETSCAN shall have no liability to the MUNICIPALITY for delay or damage caused the MUNICIPALITY because of such suspension of services.

5.5 Costs of Collection. The MUNICIPALITY agrees to pay all collection related costs that STREETSCAN incurs enforcing the terms of this AGREEMENT, including attorney's fees.

ARTICLE 6 - GENERAL PROVISIONS

6.1 Standard of Care

The services provided by STREETSCAN shall be performed in accordance with generally accepted professional practice consistent with that degree of skill and care ordinarily exercised by similar professionals performing similar services under the same or similar circumstances and conditions. STREETSCAN makes no other representations or warranties, whether expressed or implied, with respect to the services rendered hereunder.

6.2 Risk Allocation/Limitation of Liability

6.2.1 STREETSCAN is not responsible for any delay, disruption or liabilities caused by the failure or the inability of any state, federal, local, or other authority to review or take other appropriate action on a timely basis with respect to services performed by STREETSCAN under this AGREEMENT.

6.2.2 STREETSCAN shall be liable only to the extent that its gross negligence is the proximate cause of any injury or damage to the MUNICIPALITY. In the event that STREETSCAN is adjudicated or otherwise found to be jointly negligent, STREETSCAN'S liability shall be limited to the proportion or degree of its actual negligence, and recovery against STREETSCAN shall be limited to STREETSCAN'S percentage share of the joint negligence as applied against the total amount recoverable.

6.3 Dispute Resolution

This Agreement shall be deemed to have been made in Massachusetts and the validity, interpretation and performance of this Agreement shall be governed by and construed in accordance with the substantive law of Massachusetts, excluding, however, such laws as pertain to conflicts of law. STREETSCAN and the MUNICIPALITY forever renounce and waive their right to a trial by jury with respect to any demand, claim or counterclaim arising under this Agreement. Except for claims for injunctive relief, STREETSCAN and the MUNICIPALITY agree that all other claims, disputes and controversies between them arising under this Agreement shall be finally resolved by binding arbitration conducted by the American Arbitration Association, or such other person or arbitration service as the parties mutually agreed upon. Either STREETSCAN or the MUNICIPALITY may demand arbitration by providing the other party 10 days' notice that notifying party is filing for arbitration. All arbitration proceedings will take place in Boston, Massachusetts. The arbitrator(s) may grant compensatory damages and costs to the prevailing party (but not punitive or exemplary damages) and that the costs of arbitration shall be borne equally by STREETSCAN and the MUNICIPALITY, except that STREETSCAN and the MUNICIPALITY shall bear their own attorneys' fees. This right to arbitration will not preclude or affect in any manner the rights of STREETSCAN to equitable relief hereunder.

6.4 Governing Law

The AGREEMENT shall be governed by and interpreted in accordance with the laws of the Commonwealth of Massachusetts.

6.5 Comprehensive General Liability Insurance

STREETSCAN shall secure and maintain, for the duration of this PROJECT, the following Comprehensive General Liability Insurance policy or policies at no cost to the MUNICIPALITY.

With respect to the operations STREETSCAN performs STREETSCAN shall carry:

Comprehensive General Liability Insurance providing a combined single limit of One

Million Dollars ($1,000,000) for bodily injuries, death, and property damage to others with a Two Million Dollars ($2,000,000) General Aggregate.

6.6 Automobile Liability Insurance

STREETSCAN shall secure and maintain for the duration of this PROJECT, Automobile Liability Insurance covering the operation of all motor vehicles, including those hired or borrowed, used by STREETSCAN in connection with this AGREEMENT, in the following amount:

6.6.1 Not less than Five Hundred Thousand Dollars ($500,000) for all damages arising out of bodily injuries to or death of one person and subject to that limit for each person, a total limit of Five Hundred Thousand Dollars ($500,000) for all damages arising out of bodily injuries to or death of two or more persons in any one accident or occurrence, and

6.6.2 Not less than One Million Dollars ($1,000,000) for all damages arising out of injury to or destruction of property in any one accident or occurrence.

6.7 Workers Compensation Insurance Coverage

6.7.1 STREETSCAN shall maintain statutory Worker's Compensation insurance coverage for all of it employees at the PROJECT as required by the Commonwealth of Massachusetts.

6.7.2 If the MUNICIPALITY is located outside of the Commonwealth of Massachusetts, STREETSCAN agrees to obtain statutory Worker's Compensation insurance coverage for all of its employees at the PROJECT, if any, as required by the laws of the state where the work is performed.

6.8 Non-Discrimination In Employment – STREETSCAN

STREETSCAN agrees and certifies that in providing the services described herein, it shall not discriminate against any employee or applicant because of race, color, religion, age, sex, sexual orientation, or national origin. STREETSCAN further agrees to be bound by and abide by any and all applicable governmental regulations pertaining to non-discrimination.

6.9 Precedence

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice to proceed, or like document regarding STREETSCAN'S services.

6.10 Severability

If any of these Standard Terms and Conditions shall be finally determined to be invalid or unenforceable in whole or part, the remaining provisions hereof shall remain in full force and effect ,and be binding upon the parties hereto. The parties agree to reform this AGREEMENT to replace any such invalid or unenforceable provision with a valid enforceable provision that comes as close as possible to the intention of the stricken provision.

6.11 Survival

ARTICLE 6 shall survive the completion of services under this AGREEMENT and the termination of this AGREEMENT for any cause.

6.12 Force Majeure

Neither MUNICIPALITY nor STREETSCAN shall be considered in default in the performance of its obligations hereunder if such obligations were prevented or delayed by any cause beyond the reasonable control of the party which include, but are not limited to acts of God, labor disputes, or civil unrest.

The party affected by force majeure shall inform the other parties in writing regarding the particulars of the event of force majeure, and shall, within fifteen (15) days from the occurrence of such event, provide a report to the other parties explaining the reason for which the obligations cannot be performed in whole or in part and delayed performance is necessary and the proposed remedy.

ARTICLE 7 - TERMINATION

7.1 Subject to the terms set forth in Article 5.4 above, the obligation to provide further services under this AGREEMENT may be terminated by either party upon thirty days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

7.2 If the PROJECT is suspended or abandoned in whole or in part for more than three months, STREETSCAN shall be compensated for all services performed prior to receipt of written notice from the MUNICIPALITY of such suspension or abandonment, together with other direct costs then due and all Termination Expenses as defined in Paragraph 7.3. If the PROJECT is resumed after being suspended for more than three months, the PARTIES agree that STREETSCAN'S compensation shall be adjusted to the market rates for the services selected by the MUNICIPALITY at the time the PROJECT is resumed.

7.3 In the event of termination by the MUNICIPALITY under Paragraph 7.1 upon the completion of any phase of the PROJECT, progress payments due STREETSCAN for services rendered through such phase constitute payment for such services. In the event of any such termination, STREETSCAN will be paid for all unpaid services and unpaid other direct costs, plus all Termination Expenses. Termination Expenses means additional other direct costs directly attributable to termination, which, if termination is at the

MUNICIPALITY'S convenience, shall include an amount computed as 10 percent of total compensation for the PROJECT earned by STREETSCAN to the date of termination.

ARTICLE 8 - OWNERSHIP AND USE OF DOCUMENTS

8.1 During the pendency of the PROJECT, the MUNICIPALITY shall have access to STREETSCAN'S work product from the PROJECT and use of STREETSCAN software in order to utilize and understand the date. Such work product is not intended or represented to be suitable for reuse by the MUNICIPALITY or others on extensions of the PROJECT or on any other PROJECT. Any reuse or alteration without written verification or adaptation by STREETSCAN for the specific purpose intended shall be at the MUNICIPALITY'S sole risk and without liability or legal exposure to STREETSCAN, and the MUNICIPALITY shall indemnify and hold STREETSCAN harmless from all claims, damages, losses and expenses, including reasonable attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation shall entitle STREETSCAN to further compensation at rates to be agreed upon by the MUNICIPALITY and STREETSCAN.

8.2 Notwithstanding the MUNICIPALITY'S right to use and access the data, the parties agree that STREETSCAN retains the ownership of all raw data and expressly agree that STREETSCAN may re-use this data, including using this data for research, further development of their algorithms, and other commercial purposes.

8.3 Following delivery of final results, MUNICIPALITY will be able to access all results for a period of one year from the date of delivery. STREETSCAN agrees to maintain the MUNICIPALITY'S web-based portal for their access and will maintain a backup version of the data onsite and through cloud-based services. MUNICIPALITY'S initial license for this access is active for 1 year and sold with the initial proposal.

8.4 At the conclusion of the one-year period referenced in 8.3, MUNICIPALITY has the option to renew its access subscription on an annual basis. Renewals are good for one (1) year and must be paid in a one-time payment made at the beginning of the renewal term. STREETSCAN reserves the right to withhold access pending receipt of the renewal payment. Renewal pricing is based on the surveyed lane miles and is subject to adjustment for inflation based on the most recent annual Consumer Price Index for All Urban Consumers (CPI-U) in the Salt Lake City area. Any and all renewals will be handled by the execution of an additional subscription agreement. The renewal period will not begin until payment is received by STREETSCAN. Renewals may be made as long as the MUNICIPALITY desires access to the data. Non-payment of the renewal notice, once the renewal has begun, will lead to removal of the web-based portal from STREETSCAN'S server and termination of MUNICIPALITY'S access to their data.

ARTICLE 9 – CONFIDENTIALITY

MUNICIPALITY agrees not to disclose any of STREETSCAN'S confidential or proprietary information to any person unless requested in writing from STREETSCAN and

approved in writing by STREETSCAN, and agrees to bind its employees, officers, and agents to this same obligation.

ARTICLE 10 – SOLE REMEDY

Notwithstanding anything to the contrary contained herein, MUNICIPALITY and STREETSCAN agree that their sole and exclusive claim, demand, suit, judgment, or remedy against each other shall be asserted against each other's corporate entity and not against each other's shareholders, directors, officers, or employees.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT the day and year first above written.

ACCEPTED FOR STREETSCAN, INC.	South Weber City, UT
By Its Jon-Erik Dillon	By:_____
Jon-Erik Dillon, CEO	

EXHIBIT A

StreetScan 2021 Hourly Rates	Rates
Sr. Engineer/Professional Engineer	$ 175
Sr. Implementation Project Manager	$ 150
Computer Engineer	$ 150
R&D Engineer	$ 150
Project Manager	$ 100
GIS Technician	$ 85
Field Engineer	$ 80
Driver	$ 60
Field Technician	$ 60
QC Technician	$ 45

SALES ORDER | PAVEMENT SERVICES

Sales Order Number	JD-PMT-44453
Municipality	South Weber City, UT
Sales Rep	Jon-Erik Dillon
Agreement for Services Date	Tuesday, September 14, 2021

StreetScan

PAVEMENT MANAGEMENT

	SERVICES INCLUDED	CENTERLINE MILES	$/mi	TOTAL
Pavement Management Services	ScanCar Data Collection Data Processing Data Delivery	28 mi	$160	$4,480
Mobilization & Setup Cost		<fixed>		$1,000
TOTAL				**$5,480**
TOTAL PAVEMENT SERVICES SELECTED				**$5,480**

PAYMENT TERMS

UPON COMPLETION OF	PROGRESS PAYMENT	OF FEES FOR	NET PAYMENT
ScanCar Data Collection	100%	Mobilization & Setup Cost	$1,000
ScanCar Data Collection	50%	Pavement Management Services	$2,240
Data Processing	40%	Pavement Management Services	$1,792
Data Delivery	10%	Pavement Management Services	$448
TOTAL PAVEMENT SERVICES SELECTED			**$5,480**

ACCEPTED FOR:
STREETSCAN INC

Jon-Erik Dillon

Jon-Erik Dillon, CEO

Date: Sept. 14th 2021

ACCEPTED BY:
South Weber City, UT

Date:

2020-01-01
2025-12-31

SALES ORDER | SIDEWALK SERVICES

Sales Order Number	JD-SWT-44453
Municipality	South Weber City, UT
Sales Rep	Jon-Erik Dillon
Agreement for Services Date	Tuesday, September 14, 2021

StreetScan

SIDEWALK MANAGEMENT

	SERVICES INCLUDED	SIDEWALK MILES	$/mi	TOTAL
Sidewalk Management Services	ScanCart Data Collection Data Processing Data Delivery	46 mi	$210	$9,660
Mobilization & Setup Cost		<fixed>		$1,500
TOTAL				**$11,160**
TOTAL SIDEWALK SERVICES SELECTED				**$11,160**

PAYMENT TERMS

UPON COMPLETION OF	PROGRESS PAYMENT	OF SERVICE	PAYMENT AMOUNT
ScanCart Data Collection	100%	Mobilization & Setup Cost	$1,500
ScanCart Data Collection	50%	Sidewalk Management Services	$4,830
Data Processing	40%	Sidewalk Management Services	$3,864
Data Delivery	10%	Sidewalk Management Services	$966
TOTAL SIDEWALK SERVICES SELECTED			**$11,160**

ACCEPTED FOR:
STREETSCAN INC

Jon-Erik Dillon

Jon-Erik Dillon, CEO

Date: Sept. 14th 2021

ACCEPTED BY:
South Weber City, UT

Date:

SALES ORDER | STREETLOGIX SERVICES

Sales Order Number	JD-SLX-44453
Municipality	South Weber City, UT
Sales Rep	Jon-Erik Dillon
Agreement for Services Date	Tuesday, September 14, 2021

STREETLOGIX				
	SERVICES INCLUDED	POPULATION		TOTAL
ASSET MANAGEMENT MODULE	Annual Software License	7,800		$2,500
Implementation Services (One-Time)		<fixed>		$1,500
WORK ORDER MODULE	Annual Software License	7,800		$9,000
Implementation Services (One-Time)		<fixed>		$7,500
CITIZEN ENGAGEMENT MODULE	Annual Software License	7,800		$3,000
Implementation Services (One-Time)		<fixed>		$2,500
TOTAL				**$26,000**
Jones & Associates Discount	**Fixed**	**1**	**($1,250)**	**($1,250)**
Data Hosting & Support	Fixed	1	$2,000	$2,000
TOTAL - A LA CARTE Services				**$2,000**
TOTAL STREETLOGIX SERVICES SELECTED				**$26,750**

PAYMENT TERMS

UPON COMPLETION OF	PROGRESS PAYMENT	OF SERVICE	PAYMENT AMOUNT
Execution of License Agreement	100%	ASSET MANAGEMENT MODULE	$2,500
Execution of License Agreement	100%	WORK ORDER MODULE	$9,000
Execution of License Agreement	100%	CITIZEN ENGAGEMENT MODULE	$3,000
Software Implementation	100%	ASSET MANAGEMENT MODULE	$1,500
Software Implementation	100%	WORK ORDER MODULE	$7,500
Software Implementation	100%	CITIZEN ENGAGEMENT MODULE	$2,500
Data Hosting & Support	100%	Data Hosting & Support (net J&A Discount of $1,250)	$750
TOTAL STREETLOGIX SERVICES SELECTED			**$26,750**

ACCEPTED FOR:
STREETSCAN INC

Jon-Erik Dillon, CEO

Date: Sept. 14th 2021

ACCEPTED BY:
South Weber City, UT

Date:

Automated Asset Management Proposal

South Weber City, UT

September 14, 2021

Proposal for the City of South Weber UT

Prepared for:

Mark McCrae, City Treasurer
David Larson, City Manager

South Weber, UT

1600 E. South Weber Drive

South Weber, UT 84405

801.479.3177

Prepared by:

StreetScan Inc.

603 Salem Street

Wakefield, MA 01880

617.399.8236

TABLE OF CONTENTS

Automated Asset Management Proposal
South Weber, UT

September 14, 2021

Mark McCrae
City Treasurer
David Larson
City Manager
1600 E. South Weber Dr.
South Weber, UT 84405

Thank you for your interest in StreetScan. Municipalities worldwide are faced with aging infrastructure and limited budget resources to repair and maintain them. Having the ability to monitor the health of your street network through an abundance of data collected via multiple vehicle-mounted sensors allows your staff to properly allocate repair and maintenance budgets. This is now made possible in an affordable, objective way utilizing StreetScan's advanced mobile sensing vehicle and online web-based app.

Our service offering includes:

- Data Collection: vehicle survey of paved lane miles.
- Data Processing of pavement condition and assets.
- Data Visualization: pavement monitoring system including StreetScan's Pavement Rating (SPR) Report.
- Pavement Management Plan: maintenance and budget options, suggestions and scenarios; optional cloud-based access with robust interactive planning and budgeting tools.

Also available (see Appendices for more details):

- 360° imagery Viewer
- Optional asset extractions including pavement markings, traffic signs, utility assets, street lighting, sidewalks, curbs, trees, etc.

On behalf of the team at StreetScan, we are pleased to submit this proposal for your review. We strive to be as accurate as possible in our initial projections and cost estimates, and look forward to meeting with you soon to discuss any questions you may have.

Yours truly,

Angie M. Stevens

Angie Stevens
Channel Sales Manager

1.ABOUT US

At StreetScan, we come to work each day because we want to solve our clients' biggest problems when it comes to monitoring their street assets. We have a Smart City Mobile Sensing Service Offering targeted at providing clients with an intelligent, objective and affordable way to manage those assets.

Throughout the history of business, people have used data to make more informed decisions. StreetScan enables exactly this for our municipal clients.

Municipalities no longer have to send inspectors into the field for pavement surveys. Now, they can leverage the power of data to improve their decision-making abilities.

This all came about as a result of a 2009 groundbreaking project at Northeastern University that received more than $18 million in funding over a 5-year period. This stamp of approval was due to the power of the project to end localized pavement inspections and enable continuous network-wide health monitoring of roadways.

What kind of technology made this possible? Versatile Onboard Traffic Embedded Roaming Sensors (VOTERS). A framework, prototype and blueprint were successfully designed and developed, and in 2015, StreetScan was launched as a spin-off of the project. It is our comprehensive, advanced hardware and software turn-key solution that distinguishes us from the competition. More importantly, it provides street asset monitoring at a reasonable cost for our clients.

2017 saw the emergence of our current Smart City Service Offering and we have combined this service with our pavement management offering. Clients save time, money and no longer require additional field surveys. Our ScanCars can enable municipalities and other clients to extract and monitor critical assets such as pavement condition, traffic signage, pavement markings, streetlights and other transportation infrastructure assets.

We embrace progress. In 2018, StreetScan launched Streetlogix. This extensively customizable, web-based GIS asset management software has changed the landscape for municipalities. Municipalities can now optimize their budget within a user-friendly GIS environment. The system provides objective information on the current state of their infrastructure and makes maintenance and repair recommendations, including the prioritization of roadway projects. Using unprecedented data visualization and budget optimization tools, our clients have been creating defensible data-driven Capital Improvement Plans while successfully justifying their budgeting requests.

The most important thing you need to know about StreetScan is our data-driven approach. It will change the way you monitor your street assets – for the better and for the future.

StreetScan streetlogix

Powered by AI

2. OUR TEAM

Angie Stevens – Channel Sales Manager - Angie is responsible for developing and executing Streetlogix's Partnership Program. Her primary goal is to build relationships with our partners and understand their needs. Angie provides project governance, customer on-boarding and enablement, and implements business strategies to drive and help the partners' customers realize the full potential of their Streetlogix investment. She has a long history in developing channel relationships to create wins for her organizations, its partners, and most importantly its customers. Previously, Angie was a Channel Sales Manager at Cartegraph, as well as a Strategic Partner Account Manager at 360training and QuickStart. She received her B.A. in English from the University of Missouri – Columbia.

David M. Vines – Sr. Project Manager – David will provide project management leadership for the road condition assessment of the municipal road network. As the primary point of client contact, David will coordinate the project from the kickoff meeting to project delivery. He will provide geotechnical support for route creation, results publishing and end-user training on software functionality. David joined StreetScan as a Research and Development Engineer and was instrumental in the initial setup of the firm. He received his Ph.D. in Civil Engineering and a MS in Structural Engineering from Northeastern University in Boston, MA, as well as a B.S. in Civil Engineering from Valparaiso University in Valparaiso, IN.

Kathy Zarrehparvar – Sr. Implementation Project Manager – Kathy works closely with Streetlogix customers to successfully implement our software products. She manages projects from initiation to delivery and ensures that Streetlogix users are properly onboarded. Kathy brings 15 years' experience in project management, software implementation, and process improvements skills. She is well versed in understanding customers' needs and goals to help tailor solutions that optimize their operations and workflows. A Certified Project Management Professional, Kathy received her B.S. in Civil Engineering from the Eastern Mediterranean University in Northern Cyprus, and an Associate Certificate in Applied Web Development from the British Columbia Institute of Technology.

Ivano Teti – Customer Success Manager, Streetlogix – Ivano provides ongoing support to our customers from their onboarding of Streetlogix through the long term, ensuring they reach their goals for integrating asset management technologies to enhance their daily operations. He brings over 13 years' experience in sales and management, with a strong knowledge of the traffic, transit signal and detection industry. Prior to joining Streetlogix, Ivano managed accounts and inside sales at Electromega Ltd. where he provided adaptable and cost-efficient traffic solutions to Ontario municipalities alongside external partners such as Leotek, Siemens, and others. Ivano has completed management courses at Concordia University's John Molson School of Business in Montreal, QC.

3. THE STREETSCAN SYSTEM

StreetScan's automated data collection and algorithm-based roads prioritization software can help optimize your road budget and provide user-friendly analytics about the status of your roads and sidewalks.

Data Collection

StreetScan's vehicles equipped with multi-sensor systems detect pavement & sidewalk surface distresses without interrupting traffic flow.

Data Processing

Optimized algorithms evaluate and prioritize repairs of assets, including pavement, sidewalks, traffic signs, and more.

GIS Analytics

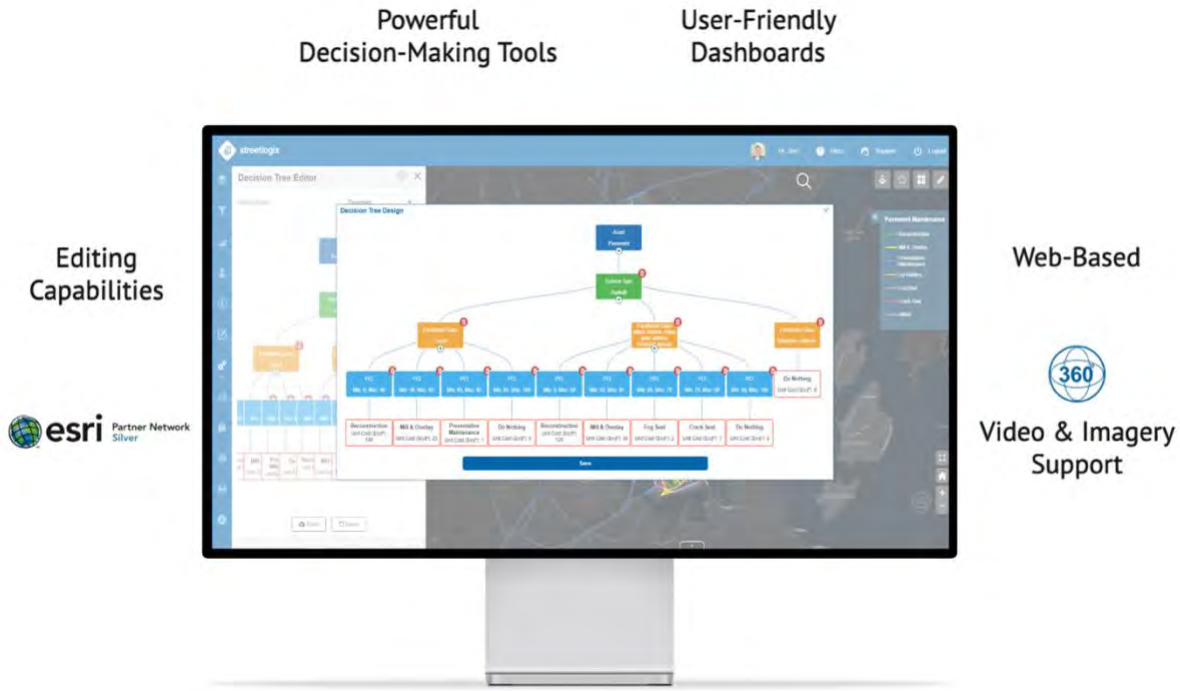
Collected data goes into Streetlogix, our unique **cloud-based application,** allowing municipalities to visualize and manage road assets in order to schedule maintenance within a user-friendly GIS environment.

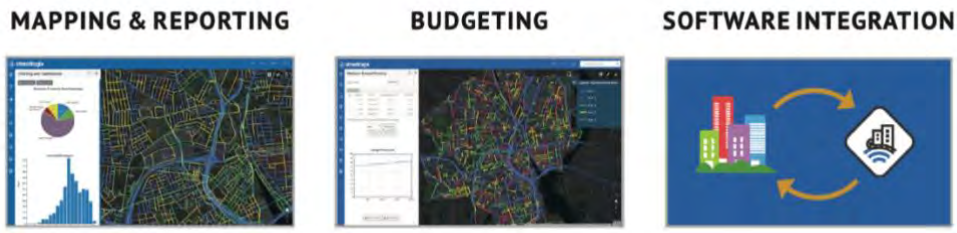
4. STREETLOGIX SOFTWARE

4.1 ASSET MANAGEMENT SOFTWARE

Streetlogix's **Asset Management Module** is a cloud-based mapping, analysis, and decision-making tool for the public sector. Use it to create maps, analyze data and plan road repairs, sidewalk projects, traffic signs and right-of-way budgeting decisions. Your data and maps are stored in a secure and private infrastructure and can be configured to meet your mapping and IT requirements.

Asset Management Key Features:

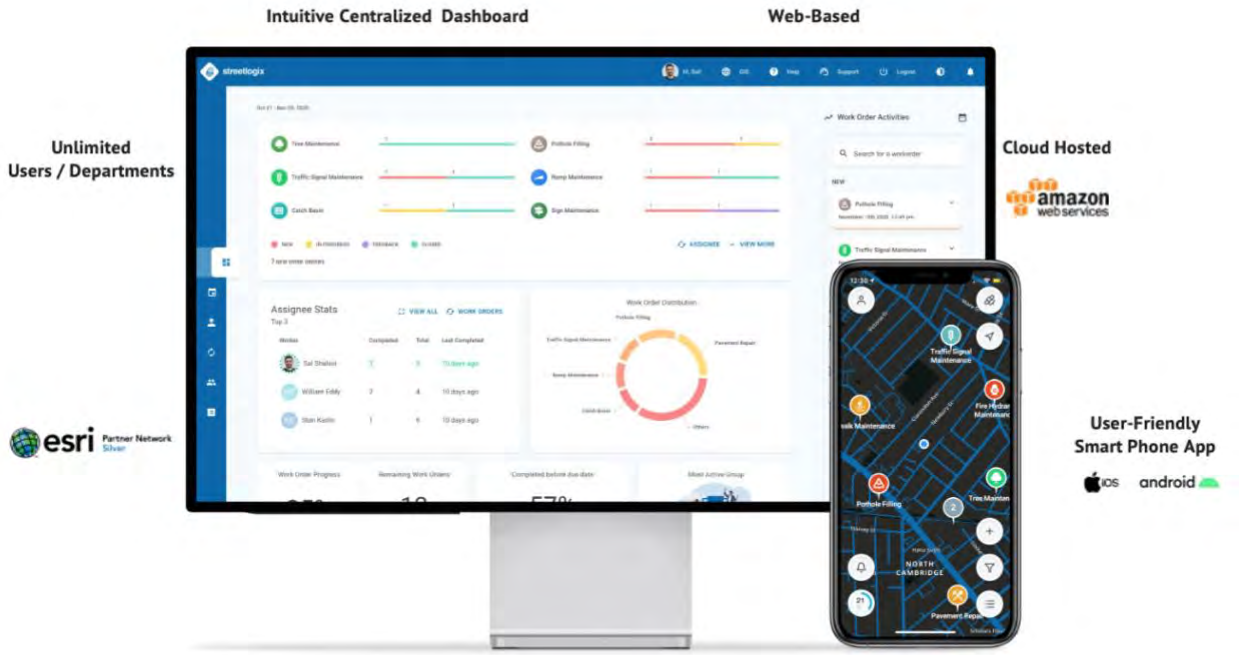




4.2 WORK ORDER MANAGEMENT SYSTEM

Streetlogix's **Work Order Management System** brings greater organization, efficiency, and accountability to your task management planning, allowing you to effectively schedule, track and manage all work orders, as well as monitor work order performance metrics in a centralized dashboard. Plus, you can track and complete work orders in the field using our app on your mobile device.

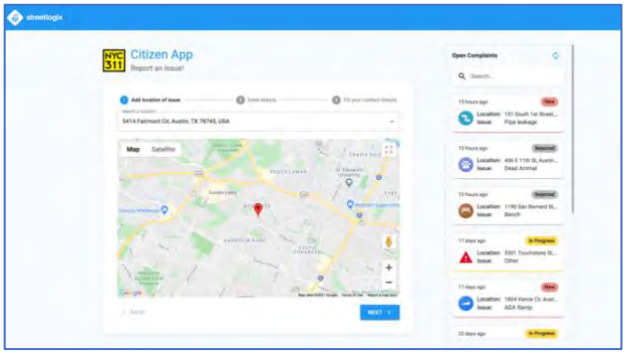
Work Order Key Features:

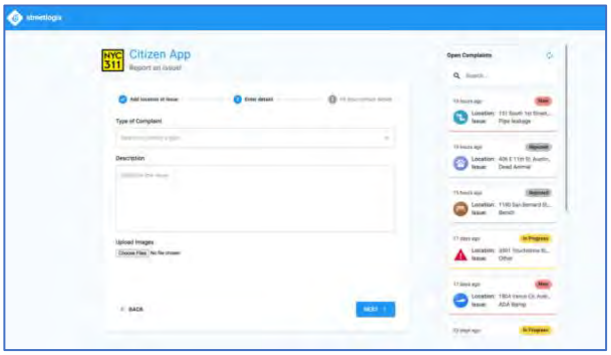


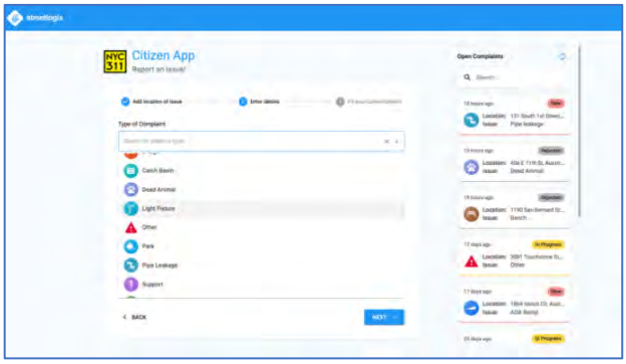
4.3 CITIZEN ENGAGEMENT APP

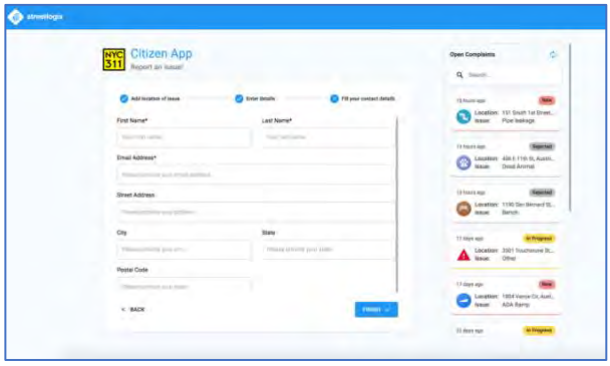
Streetlogix's **Citizen Engagement App** empowers your residents to submit service requests while enabling you to easily monitor the submissions. Our 311 application ensures your residents that each request is heard, acknowledged and tracked. It is simple to use, easy to set up, and allows automatic updates for residents on efforts to keep their community functioning. Streetlogix Citizen Engagement app helps you build a collaborative, transparent and stronger community.

Resident Online Form:



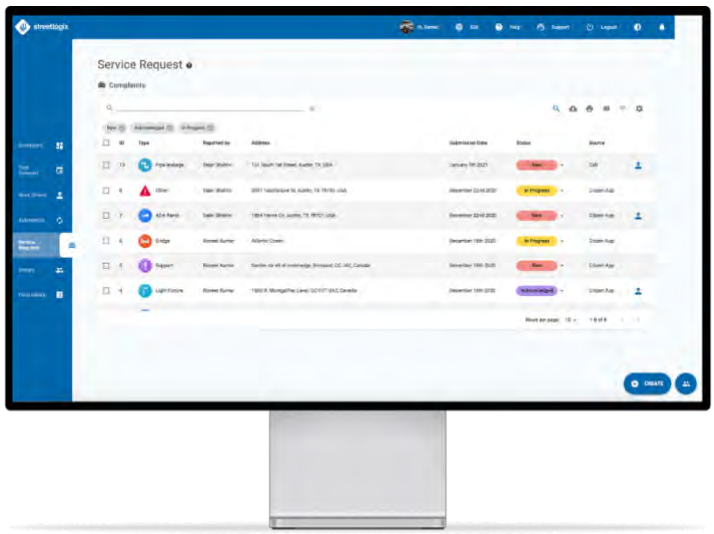






Layout Editor:

Seamless integration with Work Order App



5. PRICING OVERVIEW

5.1 DATA COLLECTION (STREETSCAN)

PAVEMENT MANAGEMENT				
	SERVICES INCLUDED	**CENTERLINE MILES**	**$/CL**	**TOTAL**
StreetScan DATA COLLECTION	ScanCar Data Collection	28 mi	$160	$4,480
	Data Processing			
	Processed Data Results			
Mobilization and Setup Cost*				$1,000
TOTAL				**$5,480**

*Assumes project is completed in combination with a nearby project.

SIDEWALK MANAGEMENT				
	SERVICES INCLUDED	**SIDEWALKS MILES**	**$/MI**	**TOTAL**
StreetScan DATA COLLECTION	ScanCart Data Collection	46 mi	$210	$9,660
	Data Processing			
	Sidewalk Videos			
	Processed Data Results			
Mobilization and Setup Cost*				$1,500
TOTAL				**$11,160**

*Assumes project is completed in combination with a nearby project.

5.2 SOFTWARE (STREETLOGIX)

STREETLOGIX SOFTWARE MODULE PRICING					
streetlogix MODULES	POPULATION	ANNUAL LICENSE	ANNUAL DATA	IMPLEMENTATION FEE	TOTALS
ASSET MANAGEMENT	7,800	$2,500	$500	$1,500	$4,500
WORK ORDER		$9,000	$1,500*	$7,500	$18,000
CITIZEN ENGAGEMENT		$3,000	Included with work order	$2,500	$5,500
				Jones & Associates Partner Discount	($1,250)
				Total (Includes $7,999 worth of assets from section 5.3)	$26,750

* Recommended data package as per the table below

The following Hosting Fees are for the Work Order module:

DATA HOSTING AND MAINTENANCE (AWS CLOUD)*				
	PACKAGE	DATA STORAGE	DATA TRANSACTIONS	ANNUAL COST
amazon web services	10	10 GB/ Year	2 GB / Month	$750*
	25	**25 GB / Year**	**5 GB / Month**	**$1,500***
	50	50 GB / Year	10 GB / Month	$2,750*
	100	100 GB / Year	20 GB / Month	$5,500*
	250	250 GB / Year	50 GB / Month	$12,000*

*Fees are based on data usage. The bolded package above is your municipality's estimated usage (based upon population). The data could also be hosted by the municipality if you have the internal hosting capacity.

5.3 OPTIONAL SERVICES AND ASSETS

One of our unique advantages is the ability for our clients to extract, assess and obtain actionable data from other Municipal assets utilizing the same data collected for the Pavement Management Survey. Below is a list of additional assets we can process from the collected data. This is set up as an a-la-carte menu so you can pick and choose the assets to meet your asset management needs.

Assets	Unit L=Lane CL=Centerline	QTY (est.)	Price ($/Unit)	PRICE ADDER (est.)	
				STANDARD	Work Order Module
Assets Extracted from ScanCar Dataset (Pavement Management Service Required)					
360 Degree Imagery Package	CL-M	28	$25	$700	Included
Pavement Markings (2 Attributes)	CL-M	28	$20	$560	Included
Pavement Markings (3 Attributes)			$50	$1,400	$5,250
Sidewalk GIS Database	CL-M	28	$30	$840	Included
Curb GIS Database	CL-M	28	$50	$1,400	Included
Traffic Signage (3 Attributes)	Signs	975	$1	$975	Included
Traffic Signage (4 Attributes)			$3	$2,925	$2,925
Catch Basins	Catch Basins	560	$2	$1,120	Included
Manholes	Manholes	840	$1	$840	Included
Tree GIS Inventory	Trees	560	$3	$1,680	
Street Lighting GIS Database	Lights	780	$2	$1,560	Included
Assets Extracted from ScanCart Dataset (Sidewalk Management Service Required)					
ADA Sidewalk Width	S-Miles	46	$40	$1,840	
ADA Ramp Compliance	Ramp	690	$6	$4,140	

Assumptions:

All asset quantities are estimated based on lane or centerline miles except for:

- Traffic Signs are estimated at 1/8 of the municipal population
- Street Lighting which is 1/10 of the municipal population
- Catch Basins which is estimated at CL-M multiplied by 20
- Metal Objects (Manholes & Valve) which is estimated at CL-M multiplied by 30
- Tree Inventory which is estimated at CL-M multiplied by 20
- ADA Ramp Inventory which is estimated at Sidewalk Miles multiplied by 15

Annex

APPENDIX A – SCOPE OF WORK AND DELIVERABLES

ROAD AND SIDEWALK ASSESSMENT SERVICE

StreetScan offers a technology-based Pavement Management approach for continuous health monitoring of your road network. Combining years of R&D at Northeastern University, StreetScan's vehicles and web-based app Streetlogix save you time and make your repair dollars go further. We have developed a 4-step process to effectively Scan, Process and Manage your Road data.

STEP 1: DATA COLLECTION

Roads

Vehicle Deployed: ScanCar

StreetScan utilizes 3D imaging technology to measure road defects, such as cracking and bumps. The 3D imaging cameras provide a 8' (2.4m) of lateral road coverage and seamless road coverage in the direction of travel at speeds up to 65 mph (72kph). A 360 degree camera system provides imagery of the road surface and ROW. An Inertial Measurement Unit (IMU) enabled GNSS position system provides position location, even in the event of intermittent GPS satellite coverage.

Sidewalks

Vehicle Deployed: ScanCarts

StreetScan has developed a technology stroller-based approach which captures all the necessary distress & ADA data. We currently have 5 Carts in our fleet. StreetScan utilizes 2D imaging technology to measure sidewalk defects, such as Uplifts, Bumps, Holes, Cracking & Surface Texture. An IMU mounted on the cart measures tilt, slope & accelerations. A laptop computer is used for controlling data collection. An encoder on each wheel of the ScanCart's rear wheels provides accurate linear displacement along with a GPS, providing position information.

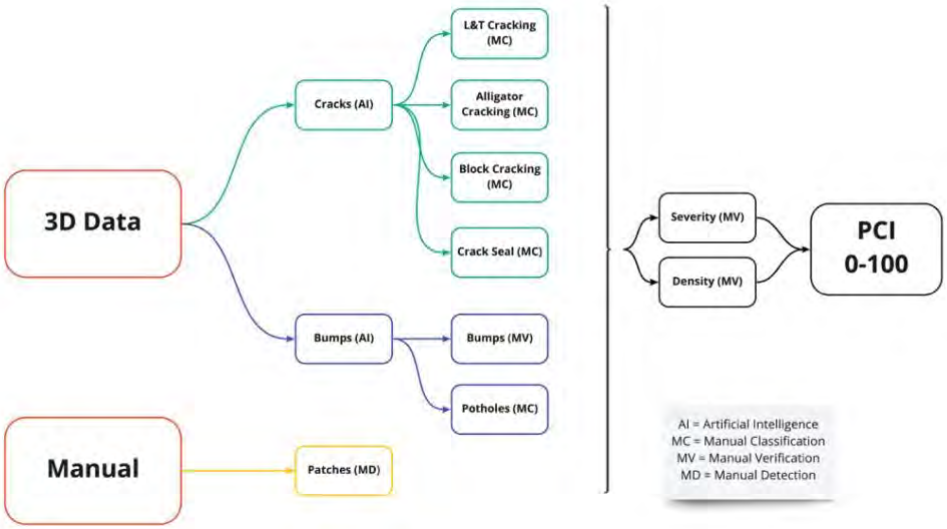
STEP 2: DATA EXTRACTION

Roads

The collected data (TBs/day) is uploaded to the StreetScan server, where automated software processes the raw sensor data. Using advanced processing algorithms, the sensors' raw data is converted into meaningful parameters representing different aspects of pavement condition. Several of our key indicators are fused to determine the **StreetScan Pavement Rating (PCI)** for each road segment. StreetScan's GIS specialists segment the pavement evaluation data from intersection to intersection and populate the database allocated to the segment.

Sidewalks

StreetScan's basic approach uses a weighted failures scheme per linear distance for a given sidewalk segment. Individual failure or feature types are given various weightings depending on their contribution to perceived sidewalk condition. As an example, an uplift is considered to have more impact to the sidewalk quality than aggregate loss, so it is given a greater weighting in the rating formula.



Sidewalk Algorithm

STEP 3: DATA VISUALIZATION AND ANALYTICS

Roads

Municipal staff will be given access to Streetlogix, our GIS web-based application, in order to view and analyze all collected survey data in addition to data from other sources to assist in decision making.

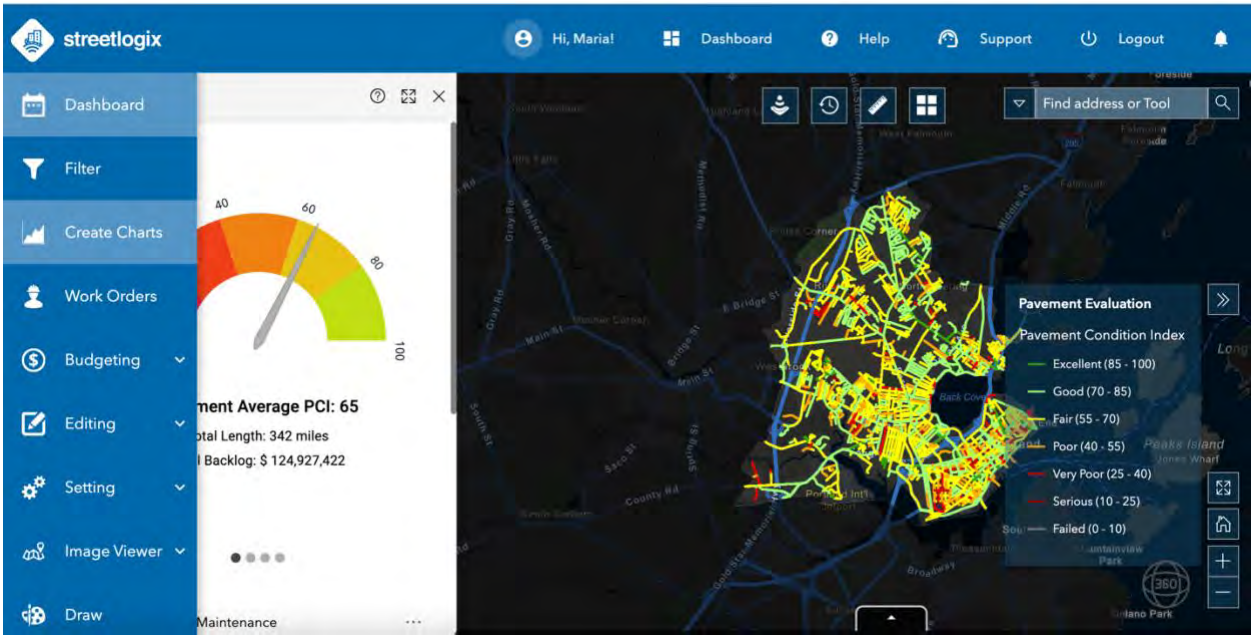
This provides staff an easy-to-use tool to quickly review PCI results, distress data and 360 images along with pavement history and other data that the municipality wants to be integrated. All data is hosted in the cloud, allowing users to login from anywhere on any computer to view the results. Streetlogix has many data import and export features making it compatible with any existing GIS solution concerning asset management. Streetlogix provides powerful data visualization and management tools including 360 viewer and extensive charts and dashboards (example below).

Sidewalks

Municipalities are given access to our GIS web-based application, Streetlogix, in order to view and analyze all collected survey data in addition to data from other sources to assist in decision making.

This provides clients an easy-to-use tool to quickly review sidewalk condition results, distresses and sidewalk images. All data is hosted in the cloud allowing users to login from anywhere on any computer to view the results. Streetlogix has many data import and export features making it compatible with any existing GIS solution. Streetlogix provides powerful data visualization and management tools including 360 viewer and extensive charts and dashboards (example below).

Portal view: Overall stats and available layers



STEP 4: MAINTENANCE PLANNING

Roads

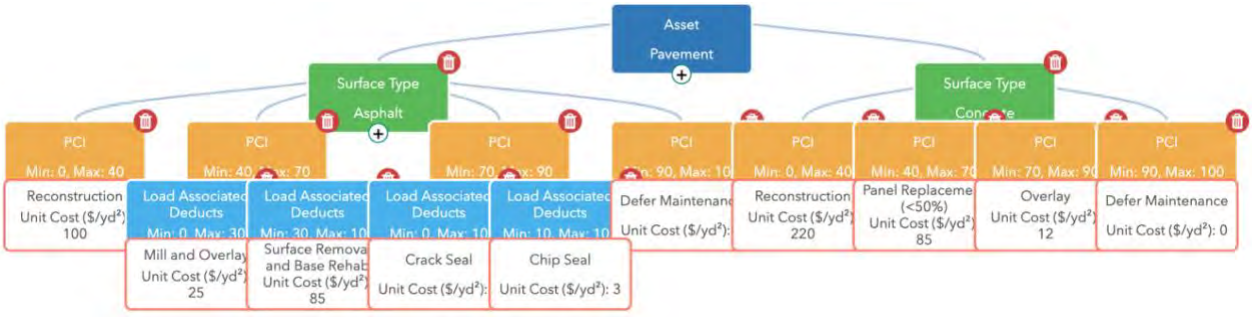
Once the inventory condition database and GIS web-app have been finalized, the work on implementing the pavement management side of the software begins. While pavement condition indicators are concerned with the current condition of the network, the management side of the process concerns itself with the analysis of condition, prediction of future condition, generation of maintenance options and pavement management scenarios. At this stage, the Client's preferred repair methods and associated costs are used to customize our Streetlogix asset management module. The results are compiled and reported to the client in our Streetlogix software and as a digital storymap.

Our decision-trees are highly customizable and we work with staff to tailor it to ensure our AI will provide the neccesarry maintenance and repair suggestions. All decision trees & underlying data will be editable by staff.

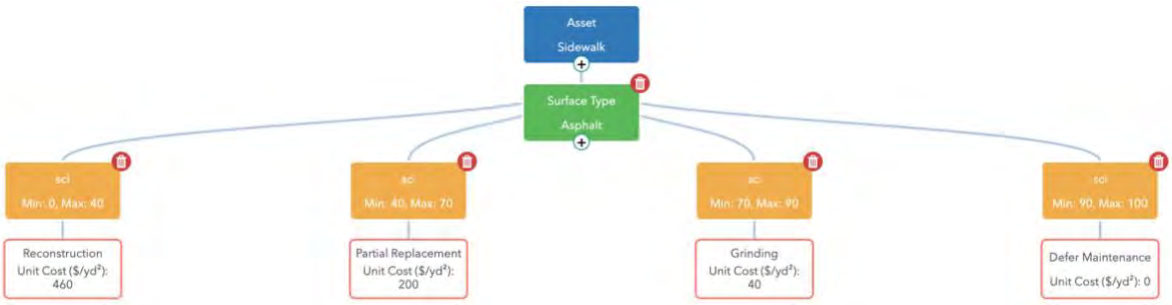
Sidewalks

Once the inventory condition database and GIS web-app have been finalized, the work on implementing the sidewalk management side of the software begins. While sidewalk condition indicators are concerned with the current condition of the network, the management side of the process concerns itself with the analysis of conditions, prediction of future conditions, generation of maintenance options and sidewalk management scenarios. At this stage, the Client's preferred repair methods and associated costs are used to customize our sidewalk management modules. The results are compiled and reported to the client in our Streetlogix software and as a pdf document.

Roads:



Sidewalks:



APPENDIX B – OPTIONAL SERVICES AND ASSET COLLECTION

StreetScan leverages AI with Semantic Segmentation in order to process the attributes which are included as part of the Work Order Module. As a result we guarantee over 80% accuracy of detecting all assets within the right of way but is subject to error due to obstructions or miss classifying the asset. 360 Imagery has the lowest margin of error and therefore is reliant on the imagery processed to obtain the assets.

Paving Markings

Through StreetScan's existing collected data, our geospatial engineering team can extract pavement markings and insert them into a separate GIS layer. All data is accessible through Streetlogix. A visual review of the markings determine their current condition and whether maintenance is required.

Attributes	Description
Category*	Left Turn, Right Turn, Crosswalk etc.
Location*	Global Positioning System (GPS) location (+/- 5 meters)
Condition	The analysis will be conducted from intersection to intersection and given a rating of either Good, Fair or Critical. If the length of the road is longer than 1,000 ft, the analysis will be broken up into 1,000 ft segments

*Attributes included for the basic Pavement Marking inventory

** Measurement device has a rated accuracy of 0.1 degrees. However, in practice due to variations in ground surface and location where measurement is take, measured value can typically vary +/- 1 degree*

Sidewalk GIS Database

StreetScan provides sidewalk locations, determined from existing data sources (satellite imagery, Google StreetView or ScanCar images) if available. All data is provided as a GIS layer.

Deliverable:

- GIS layer of sidewalk locations

Curb GIS Database

StreetScan provides curb locations, determined from front or side facing imagery. Data is provided as a GIS layer.

Deliverable:

- GIS layer of the linear features where curbs are present

Traffic Signage

StreetScan's traffic sign asset management service provides a simple solution for the Municipality to quickly and efficiently manage its traffic signs. StreetScan utilizes an algorithm to automatically locate traffic signs saving you time and money. Our geospatial engineering team then undergoes a rigorous Q&A process and collects multiple unique attributes. Traffic sign quantities are estimated at 1/8 of municipal population. Charges will be for actual number identified; please inform us if you have more accurate estimates.

Attributes	Description
Sign Category*	Regulatory, Warning, Guide, School, Recreation, Information, General
Sign Name*	Federal or State MUTCD designation or custom designation for specialized signs
GPS Location*	Global Positioning System (GPS) location (+/- 5 meters)
Sign & Post Condition	Good, Fair, Critical rating assessed through review of daytime digital images

*Attributes included for the basic sign inventory

Catch Basins

StreetScan provides catch basin locations, determined from existing data sources (satellite imagery, Google StreetView or ScanCar images) if available. All data is provided as a GIS layer.

Deliverable:
- GIS Layer of catch basin

Manhole

StreetScan provides location of circular Manhole access points which are visible in the road imagery data. All data is provided as a GIS layer.

Deliverable:
- GIS layer of manhole locations

Tree GIS Database

StreetScan provides tree locations which are situated in the right of way, determined from existing data sources satellite imagery, Google StreetView or ScanCar images if available. All data is provided as a GIS Layer.

Deliverable:
- GIS layer of tree location

Streetlight GIS Database

Utilizing the ScanCar's cameras, StreetScan has the ability to review already collected data and extract the necessary street lighting attributes. A new street lighting data layer will be accessible through Streetlogix.

Attributes	Description
GPS Location	Global Positioning System (GPS) location (+/- 5 meter)

ADA Sidewalk Width

StreetScan will manually calculate the sidewalk width from the 3D Data collected as this feature is not automated.

ADA Ramp Compliance Survey

StreetScan will determine the compliance of ADA Ramps, measuring the following attributes: ramp slope & cross slope, road slope & cross slope, flare slopes, ramp width, landing area, tactile pad (present/not present/condition). As part of this service, StreetScan provides imagery of all ramps and a GIS data layer accessible in Streetlogix, showing location of ADA ramps and all measured properties.

Deliverables:

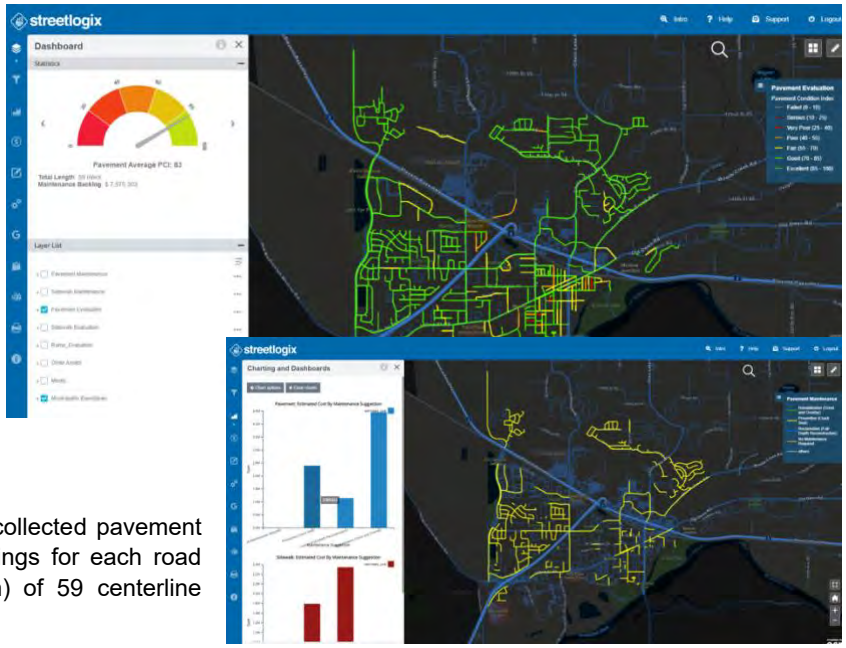
- GIS Layer with ramp location & missing ramps
- Image of ramps/no ramp
- Compliance
- Measured Attributes (shown below)

Attributes	Description
GPS Location	Global Positioning System (GPS) location (typically +/- 1.5 meters)
Image	Image of Ramp
Ramp Slope / Cross Slope	Angle (+/- 1 Degree)*
Road Slope / Cross Slope	Angle (+/- 1 Degree)*
Flare Slopes	Angle (+/- 1 Degree)*
Ramp Width Compliance	Yes/No
Landing Area Compliance	Yes, No/Obstructed
Tactile Pad	Present/Not Present & Condition

APPENDIX C – OUR CLIENTS

REFERENCES & ADDITIONAL INFORMATION

City of Monroe, WA



Project Objective:

The City of Monroe, WA, selected StreetScan to perform a mobile sensing survey of City's road & sidewalk network and prepare custom Maintenance and Repair suggestions.

The mandate also included ramp assessment.

Project Description:

In the summer of 2019, StreetScan collected pavement condition, texture and roughness ratings for each road segment (intersection to intersection) of 59 centerline miles and 76 lane miles.

StreetScan utilized specialized ScanVan vehicles to assess the condition of roadways and, using a pavement condition index scale which runs from 0-100, developed a Municipal-wide inventory of road condition.

For sidewalk surveys, StreetScan deployed mobile carts with high definition video capture capability to assess the condition of 75 miles of sidewalk. Through analysis techniques, sidewalk distresses such as cracking, aggregate loss, uplifts and surface distortion were identified, which were then used to calculate sidewalk condition ratings on a scale of 0 to 100–with 0 being the worst and 100 being ideal.

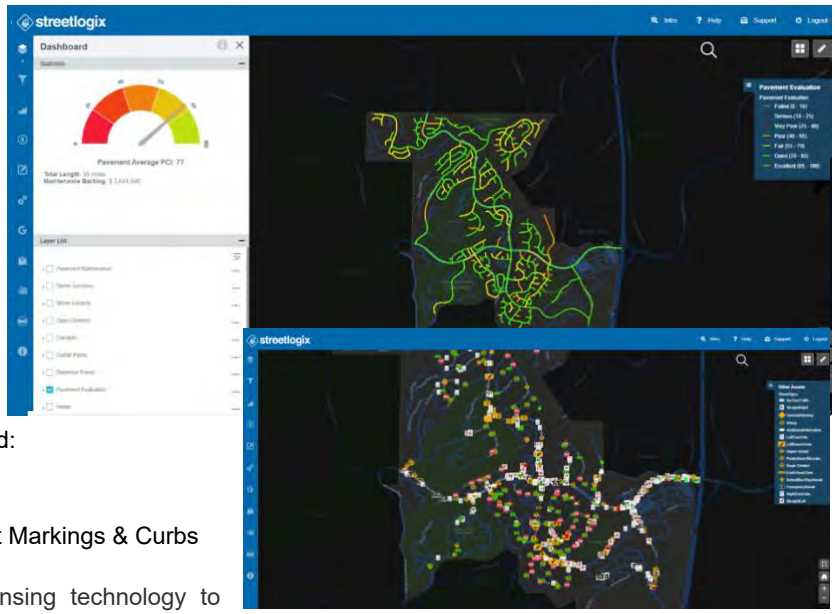
For ramp assessments, StreetScan deployed teams to physical measure various ramp slope and wear surface requirements as per the ADA regulation for compliance of each ramp assessed.

Project Outcome:

Results from the survey were placed in Streetlogix, providing an enriched view of the City's street network with color-coded pavement conditions, along with images for every scanned road and a range of decision-making tools. Staff is now able to interactively collaborate, share, edit, and view right-of-way assets as well as perform budget planning and estimate future maintenance and repair costs.

Project Contacts	
City of Monroe, WA	Scott Peterson, Deputy City Engineer (360) 863-4606 / speterson@monroewa.gov
StreetScan	Salar Shahini, Chief Data Officer (617) 399-8236 / salar.shahini.s@streetscan.com

City of Castle Pines, CO



Project Objective:

StreetScan was contracted by the City of Castle Pines, CO, to perform a roads assessment survey that would objectively collect pavement condition and ROW data and provide a custom pavement management plan.

Project Description:

In August of 2019, StreetScan surveyed:

- 35 centerline miles
- 42 lane miles
- 1,257 Traffic Signs, Pavement Markings & Curbs

StreetScan used vehicle-mounted sensing technology to assess road conditions in normal traffic flow and, using a pavement condition index scale which runs from 0-100 (with 0 being the worst and 100 being ideal), developed a Municipal-wide inventory of road condition. The system utilized 3D imaging technology to measure the severity and extent of road defects including cracking, bumps, surface distortions, surface texture and potholes. Additionally, the City selected StreetScan's enhanced visualization package that captured movies of the road surface and right-of-way.

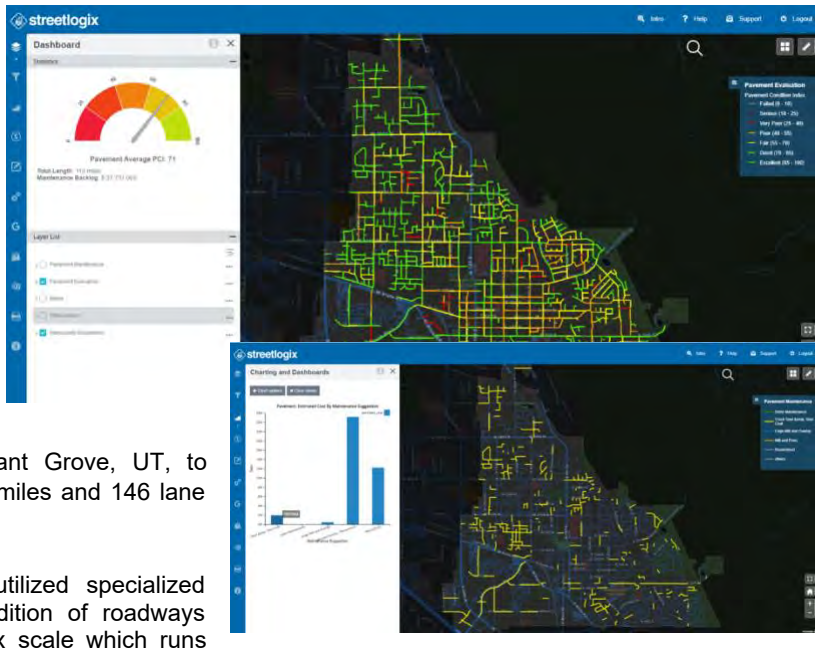
Through StreetScan's existing collected data, StreetScan's geospatial engineering team extracted other Municipal assets such as traffic signs, pavement marking lines & points and curb presence geospatial feature classes.

Project Outcome:

Results from the survey were placed in Streetlogix, providing an enriched view of the City's street network with color-coded pavement conditions and other assets, along with images for every scanned road and a range of decision-making tools.

Project Contacts	
City of Castle Pines, CO	Larry Nimmo, Public Works Director (303) 705-0216 / larry.nimmo@castlepinesco.gov
StreetScan	Salar Shahini, Chief Data Officer (617) 399-8236 / salar.shahini.s@streetscan.com

City of Pleasant Grove, UT



Project Objective:

The City of Pleasant Grove entrusted StreetScan to perform a mobile sensing survey of the City's road network to assess its current condition and prepare custom Maintenance and Repair suggestions.

Project Description:

StreetScan was contracted by Pleasant Grove, UT, to assess the condition of 112 centerline miles and 146 lane miles of Municipal-maintained roads.

In the spring of 2019, StreetScan utilized specialized ScanVan vehicles to assess the condition of roadways and, using a pavement condition index scale which runs from 1-100, developed a Municipal-wide inventory of road condition. Additionally, location of road features such as potholes, manholes and cracks were collected.

Project Outcome:

StreetScan delivered a pavement management plan and decision-making solutions via Streetlogix, its highly customizable, web-based asset management software that enables municipalities to optimize road budgets within a user-friendly GIS environment. The software allows Pleasant Grove Staff to view the current state of their infrastructure and makes maintenance and repair recommendations, including prioritizing roadway projects. Streetlogix's intuitive analysis and decision-making tools enables the City to improve decision making, estimate budget requirements and create capital improvement plans to optimize every dollar invested.

Project Contacts	
City of Pleasant Grove, UT	Marty Beaumont, Public Works Director (801) 785-2941 / mbeaumont@pgcity.org
StreetScan	Salar Shahini, Chief Data Officer (617) 399-8236 / salar.shahini.s@streetscan.com

Sample of other Clients:

Town of Amherst, MA

County of Tippecanoe, IN

City of Parma Heights, OH

City of Kilgore, TX

City of Hillsboro, OR

City of Lafayette, IN

City of New Bedford, MA

City of Spokane Valley, WA

Town of Somers, CT

Town of Dover, NJ

City of Portland, ME

City of Sidney, OH

City of Greenwood, AR

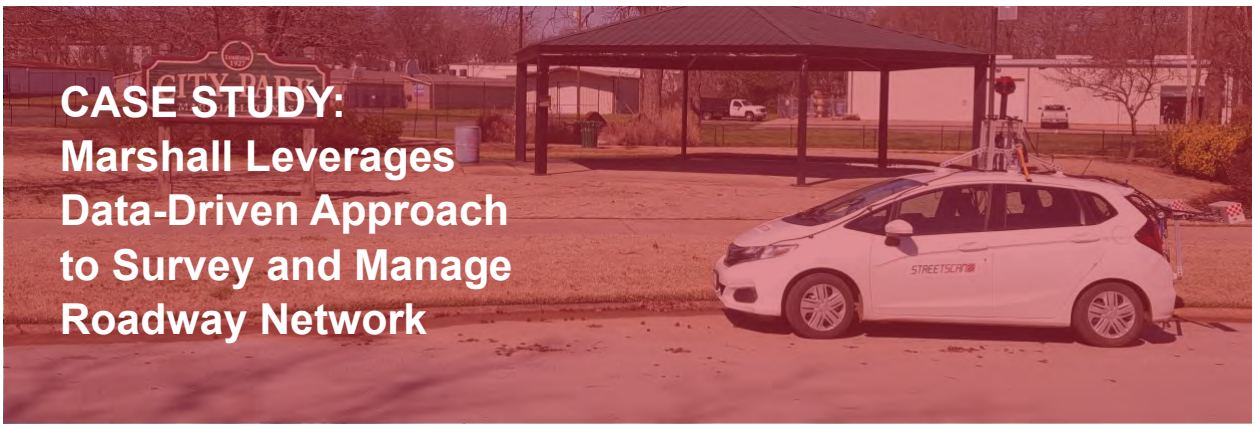
City of Castle Pines, CO

County of Tulsa, OK

City of Barrie, ON

Town of Beverly, MA

Town of Hampstead, QC



Marshall, Texas is nestled deep into the piney woods of North East Texas, near the Louisiana border. Home to approximately 23,000 residents, this charming city is a cultural and educational center and is known for holding one of the largest light festivals in the United States.

The Challenge

Whether it be budget limitations, pressure from district council members or resident complaints, the task of effectively developing a long-term maintenance plan for its 200 centerline miles of City roadways was becoming very difficult. Plus, with tighter budgets and rising material costs, the City needed a more technical approach to develop a repair and maintenance plan; one that would create a baseline dataset to build the plan from, while also remaining free from political or resident pressure.

The Solution

The City embarked on a search for an objective and cost-effective way to assess roadway conditions. The City selected StreetScan to perform a City-wide condition assessment using its Smart City Mobile Sensing Technology. This technology has been developed to provide municipalities with a fast, objective analysis, ensuring that repair and maintenance decisions are based on complete and up-to-date data.

“If my staff and I had attempted to complete this kind of detailed analysis of 200 centerline miles of roads, it would have taken us every bit of two years to develop the dataset and still would not have been to the level of accuracy that StreetScan provides,” mentioned Eric G. Powell, PE, Director of Public Works and City Engineer for the City of Marshall.

StreetScan’s mobile-sensing vehicle travelled 200 centerline miles of roads to assess road conditions in normal traffic flow and, using a pavement condition index scale which runs from 0-100 (with 0 being the worst and 100 being ideal), developed a City-wide inventory of road conditions. The system utilizes 3D imaging technology to aide in the detection of various road defects. The automated detection results, combined with extensive human QA/QC, provided reliable and accurate surface condition estimates.

Once scanned, results were made available in Streetlogix, a powerful GIS asset management platform that provided the City unprecedented tools to develop capital improvement plans and perform projections on their roadway conditions.

The Results

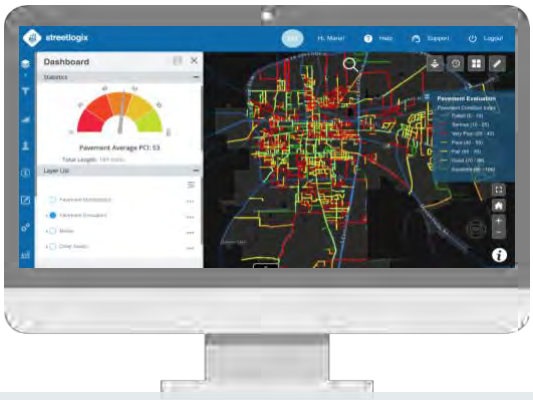
All survey results were placed in the Streetlogix platform. Streetlogix AI-engine utilizes PCI, road usage data and a cost benefit analysis to determine road maintenance, repair costs and prioritization per segment. Budgeting and planning tools allow for editable short- and long-term planning as well as level of service analysis with target PCI.

With Streetlogix, the City has an enriched view of its street network with color-coded pavement conditions and other assets, along with images for every road and tools for data-driven budget and maintenance planning.

StreetScan reported that Marshall's overall pavement condition index (PCI) was rated at an average PCI of 53, with 46% of roads above a critical PCI of 55 and 37,5% of roads rated as 'very poor' or 'serious'. Staff were pleasantly surprised at the average PCI but concerned over the extreme condition rating of some of their streets.

"We now possess the ability to prepare an extensive long-term plan for road maintenance activities that eliminates outside influences."

Eric G. Powell, PE
Director of Public Works/City Engineer
City of Marshall, TX



The Benefit

Having a comprehensive view of the overall condition of City-owned streets is an important benefit for Marshall. It allows Staff to have PCI data at their fingertips, build different scenarios in minutes, and quickly respond to resident inquiries. "We now possess the ability to prepare an extensive long-term plan for road maintenance activities that eliminates outside influences. The data and PCI are our method of selection and organizing. Plus, having the ability to plug in our unit prices to determine annual costs of services and treatments means that we can better plan for the work and stay within existing budgets, and maybe even increase the budget requests as we show the PCI improving," explained Powell.

The City is now utilizing the data created by the initial scan to develop a 10-year street maintenance plan and will utilize the unit price tools to help align the plan with current budgetary monies. Once approved by the Council, the plan will be a quick and easy way to review the street improvement budget each year and eliminate any "surprise" years.

"I would absolutely recommend StreetScan to any city that wants to get a good handle on the condition of their streets, evaluate that condition and assign budget numbers to it. Streetlogix's ease of use makes planning quite simple and takes the guesswork out of prioritizing and preparing," concluded Powell.

Agenda Item Introduction

Council Meeting Date: September 28, 2021

Name: David Larson

Agenda Item: Storm Drain Rate Study

Background: South Weber City is in process of reviewing the Storm Drain Utility Fund. Important steps are up for consideration tonight – Capital Facilities Plan, Impact Fee Facilities Plan, and Impact Fee Analysis. The next step in the process is a utility rate study.

A rate study is done by a third party that evaluates the needs of the utility, including capital projects, operation and maintenance, regulatory processes like the Clean Water Act, etc, and identifies a monthly utility bill amount that would cover those ongoing needs. It is important to complete a CFP, IFFP, and IFA prior to finalizing a rate study so those projects are appropriately reflected in the study.

The storm drain rate study is in progress. We anticipate the study to be completed by the end of the year. Although it is not complete, staff anticipates that it may yield a suggested utility rate that is much higher than our current rate. Of course, we do not know what the result will be, but based on the current financial health of the utility fund, the history of the rate, the operations and maintenance needs of the system, and regulatory requirements staff feels there is potential for the study to indicate a needed increase in the utility rate.

Summary: A storm drain utility rate study is in progress and will return a suggested utility rate that may be higher than the current rate.