

Public Infrastructure, Environment, and Sustainability Committee
Agenda for 1:15 p.m. Monday, September 27, 2021

The Spokane City Council's Public Infrastructure, Environment, and Sustainability Committee meeting will be held at **1:15 p.m. September 27, 2021** streaming live online and airing on City Cable 5 at <https://my.spokanecity.org/citycable5/live/> or by calling 1-408-418-9388 and entering the access code #146 213 7305; meeting password 0320.

The meeting will be conducted in a standing committee format. Because a quorum of the City Council may be present, the standing committee meeting will be conducted as a committee of the whole council. The Public Infrastructure, Environment, and Sustainability Committee meeting is regularly held every 4th Monday of each month at 1:15 p.m. unless otherwise posted.

Notice is hereby given that, pursuant to Governor Jay Inslee's Proclamation 20-28, dated March 24, 2020, all public meetings subject to the Open Public Meetings Act, Chapter 42.30 RCW, are to be held remotely and that the in-person attendance requirement in RCW 42.30.030 has been suspended.

Temporarily and until further notice, the public's ability to attend City Council meetings is by remote access only. In-person attendance is not permitted at this time. The public is encouraged to tune in to the meeting noted above or by calling 1-408-418-9388 and entering the access code #146 213 7305; meeting password 0320.

AGENDA

I. Call to order

II. Approval of minutes from August 23, 2021

III. Discussion items

A. Council requests

1. Consent items for discussion
2. Legislative update (if needed)
3. [Resolution Adopting City of Spokane's Sustainability Action Plan – Kara Odegard/ Delaney Carr \(15 min\)](#)
4. S3R3 Update – Council President Beggs (5 min)
5. University District PDA Update – Council President Beggs (5 min)

B. Staff requests

1. [School, Park, and Playground Zone Speed Limit Resolution – Inga Note \(10 min\)](#)
2. [Ordinance Updating Stormwater-Related Sections of SMC – Trey George \(10 min\)](#)
3. [Avista Heatwave Lessons Learned – Heather Rosentrater/Latisha Hill \(30 min\)](#)
4. [Planning of South University District Trail Study – Colin Quinn-Hurst \(20 min\)](#)
5. [Clarke Avenue Landslide Abatement – Kyle Twohig \(10 min\)](#)
6. [Delinquent Utility Bills – Marlene Feist \(5 min\)](#)

IV. Strategic initiatives session – Council President Beggs and Marlene Feist

Priority strategy 1: Rapidly accelerating street pavement maintenance projects

- No report this meeting.

Priority strategy 2: Repurposing public property and assets to stimulate private investment

- No report this meeting.

Priority strategy 3: Sustainable city

- No report this meeting.

V. Consent items

1. Hatch Road Bridge Deck Replacement (Engineering Services)
2. Ecology Stormwater Grants Applications (Integrated Capital Management)
3. Ecology Stormwater Capacity Grant (Integrated Capital Management)
4. Final Renewal Contract for Specialized Testing of Wastewater and Stormwater for RPWRF (Public Works)
5. Thor/Freya Reconstruction (Engineering Services)
6. Extension of Interlocal Agreement with the City of Cheney for Solid Waste Disposal Services (Solid Waste Disposal)
7. Extension of Interlocal Agreement with the City of Medical Lake for Solid Waste Disposal Services (Solid Waste Disposal)
8. Extension of Interlocal Agreement with the City of Airway Heights for Solid Waste Disposal Services (Solid Waste Disposal)
9. Extension of Contract with Regional Disposal Company for the disposal of Ash and Municipal Solid Waste (Solid Waste Disposal)
10. Value blanket renewal with Helfrich Brothers Boiler Works for the purchase of boiler tubes at the WTE (Solid Waste Disposal)
11. Cost Amendment for Bacteriological and Chemical Analysis (Water Department)
12. Concrete Mix for Street Department (Streets)
13. TransMap Pavement Assessment (Streets)
14. Ice Kicker (Streets)
15. Streets Road Salt (Streets)
16. Request to Install Security Cameras (Water Department)
17. Department of Commerce Housing Action Plan and Implementation (HAPI) Grant (Planning Services)
18. Department of Commerce Transit-Oriented Development Implementation (TODI) Grant (Planning Services)
19. Link-Utilities Strategy for Spokane's Water System (Integrated Capital Management)
20. PMWeb Contract Amendment (Engineering Services)
21. Engineering Consultant Contract for On-Call Sewer Model Support Amendment (Integrated Capital Management)
22. Geiger Blvd WSDOT Contract Amendment for City Reimbursement (Integrated Capital Management)
23. TAPE Funding (Wastewater)
24. Cochran Conveyance Project (Engineering Services)

VI. Executive session

Executive Session may be held or reconvened during any Public Infrastructure, Environment, and Sustainability Committee meeting.

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AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or msteinholfson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

VII. Adjournment

Next Public Infrastructure, Environment, and Sustainability Committee meeting

The next meeting will be held at the regular date and time of 1:15 p.m. October 25, 2021.

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STANDING COMMITTEE MINUTES
City of Spokane
Public Infrastructure, Environment, and Sustainability
August 23, 2021

Committee members present in person, phone or video

Council President Breean Beggs, Committee Chair
Council Member Michael Cathcart, Vice Committee Chair
Council Member Lori Kinnear
Council Member Candace Mumm
Council Member Karen Stratton
Council Member Betsy Wilkerson

Council Member Cathcart called the meeting to order at 1:15 p.m.

<https://vimeo.com/591255132>

Review and approval of minutes

Council Member Cathcart asked for a motion to approve the minutes of July 26, 2021 meetings.

- Action taken
- Council Member Wilkerson moved to approve the minutes of the July 26, 2021 meeting as presented; the motion was seconded by Council President Beggs

Discussion items - Items were presented in a different order than reflected in the agenda and minutes.

A. Council Requests

1. Consent items for discussion
2. Legislative update

Erik Poulsen briefed the Committee on a call for public work projects. August is when planning begins for the January session. The state budget has been passed for the 2021-2022 but a smaller supplemental budget will be passed in the new year with many opportunities to secure funding for public works projects and various community projects. It's important to identify funding needs and provide those to Council. The state capital budget provides grants and loans for a variety of projects, facilities and systems.

3. Sustainability Action Plan

Council President Beggs provided a process update for the Sustainability Action Plan including 2.5 year of community driven work, over 20 engagements, 83k utility inserts mailed to City utility customers and 2,100 survey responses. The draft plan will be updated and returned to the Sustainability Action Subcommittee for final

input before the final plan is submitted to Council for consideration in late October. He notes that this plan will be one of the most comprehensive in the country and will be an example for communities across the country. Feedback has been very positive.

4. Parking Kiosk Update

Council President Beggs shared an update on a resolution to set policy that City would install parking kiosks in the downtown retail core as a policy of the City. This conversation has been going for several years. Administration requests Council make a decision although Administration prefers parking meters over kiosks. Their concern being the difficulty of people adapting. Resolution states that all cities moving toward the future in parking are installing kiosks. This particular model would have parking standards and would be available for bikes. The idea is to move people to the parking application in order to increase revenues and reduce labor costs.

5. CPTED Landscape Improvements at Intermodal Center

Jeff Teal presented on a new proposed work scope for CPTED landscape improvements at the Intermodal Center. New work involves more excavating, removing two trees and building a retaining wall with a fence on the top. The original engineering study did not account for the fact it was pinning onto the railroad bridge so adjustments are needed to move forward.

6. SRTC Award Update

Shauna Harshman shared how Council has been working closely with Integrated Capital Management and the City was recently awarded preservation funds of \$700k to complete chip seal on the Maple Ash corridor in addition to \$1 million for a grind and overlay project on Haven Street. This funding was made possible through SRTC and the surface transportation block grant.

B. Staff Requests

1. The Falls LLC Update Developer Agreement

Marlene Fiest briefed this item as an updated developer agreement for the Falls Tower which will be built on the corner of Broadway and Lincoln, the site of the former YMCA. Public Works is adding \$200k for sewer work which will put the sewer into the public right of way. This will allow for a greater benefit to future development along Lincoln.

2. Complete Streets Grant Program

Inga Note briefed an opportunity for the City to apply for a complete streets grant, a program through TIB. Only cities that have adopted a complete streets ordinance are eligible to apply, which the Spokane City Council has done. Must be nominated by a partner agency – Department of Commerce, SRHD, Cascade Bicycle Club. Still evaluating who to work with. Submitted a grant request for \$1 million to

upgrade crosswalk. No local match and application is due in October. City is working on a priority list of locations with feedback from neighborhoods, collision history, number of lanes, proximity to pedestrian generating buildings and transit stops, and equity.

3. Illinois Avenue Protected Bike Lanes

Senior Engineer Kevin Picanco briefed an update on the Illinois Avenue project passed by Council resolution in June 2020, establishing the plan for protected bike lanes on Illinois Avenue from Cincinnati to Market. Planning work continues and survey results were captured. Streets planned a grind and overlay on Illinois from Perry to Market in several phases and over several years starting in 2021. ICM initiated study in 2021 to examine options and participated in a workshop with the Bicycle Advisory Council in May. The initial public meeting occurred in June along with the creation of a project website and public survey. A second public meeting is planned in September 2021. Design options and survey results were discussed.

Strategic Plan Session

A. Priority Strategy 1. Rapidly accelerating street pavement maintenance projects

- No report for this meeting.

B. Priority Strategy 2. Repurposing public property to stimulate private investment

- No report for this meeting.

C. Priority Strategy 3. Sustainable city

- No report for this meeting.

Executive session

None.

Adjournment

The meeting adjourned at 2:31 p.m.

Prepared by:

Shae Blackwell

Approved by:

Chair

Briefing Paper

PIES

Division & Department:	City Council
Subject:	Resolution to adopt 2021 Sustainability Action Plan
Date:	9/27/2021
Contact (email & phone):	Kodegard@spokanecity.org ; 509-828-3507
City Council Sponsor:	Breean Beggs & Lori Kinnear
Executive Sponsor:	
Committee(s) Impacted:	PIES
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	Spokane Municipal Code Chapter 15.05; City of Spokane Comprehensive Plan (specific sections are noted in each SAP chapter)
Strategic Initiative:	
Deadline:	With Council approval, this will be filed for consideration on 10/25
Outcome: (deliverables, delivery duties, milestones to meet)	Adoption of Sustainability Action Plan via Resolution

Background/History:

The Sustainability Action Subcommittee (SAS) convened in 2019 to provide recommendations to meet the City's climate and sustainability goals. Council tasked the SAS to recommend an update to the City's 2009 Sustainability Action Plan (SAP). The SAS started public engagement around the first draft of their plan in April of 2021. The SAS conducted over 20 workshops, attended 4 public events, received 800 survey responses and dozens of emails from individuals and organizations. The feedback collected during the six-month public engagement period has been incorporated into this final draft of the SAP. This resolution is to adopt the SAS recommended 2021 Sustainability Action Plan.

Executive Summary:

- Overarching SAP goals:
 - Reduce GHG Emissions over 28-year period to align with SMC 15.05.020
 - Create more resilient communities by investing in environmental, social, and economic sustainability
 - Prioritize those most impacted by climate change and economic downturns
- SAP takes action in 7 sectors: Buildings & Energy, Transportation & Land Use, Waste Diversion & Material Conservation, Water Resources, Economic Prosperity, Natural Environment, and Health & Wellbeing
- This is a strategic plan which focuses on laying the foundation for future sustainability related policy. Further action, including economic and social impact assessments, will need to be considered prior to implementation of policies outlined in this plan.

Budget Impact:

TOTAL COST:

Approved in current year budget? ☐ Yes ☐ No ☒ N/A

Annual/Reoccurring expenditure? ☐ Yes ☐ No ☒ N/A

If new, specify funding source:

Other budget impacts: (revenue generating, match requirements, etc.) For various reasons, including the fact that specific policy recommendations and criteria are not yet fully defined, the budgetary and economic impacts of specific measures will be determined during implementation of the plan.

RESOLUTION NO. 2021-_____

A Resolution adopting the City of Spokane Sustainability Action Plan.

WHEREAS, the official policy of the City of Spokane, as laid out in SMC 15.05.010 is to *“acknowledge and recognize the occurrence of human-caused climate change. The City also recognizes the vast scientific consensus regarding this matter, and acknowledges that the potential impacts of climate change pose a real threat to the health and well-being of Spokane’s citizens;”* and

WHEREAS, under SMC 15.05.030, the City *“shall utilize the City of Spokane Sustainability Action Plan ... as a framework for developing and implementing the City’s efforts related to climate change mitigation and adaptation and energy security;”* and

WHEREAS, City Council adopted Resolution 2018-0110, forming an ad hoc Sustainability Action Subcommittee (“SAS”), on December 17, 2018; and

WHEREAS, Resolution 2018-0110 calls on the SAS to suggest methods of reaching the City’s 100% renewable energy and greenhouse gas emissions reductions goals no later than January 1, 2022, and to recommend changes to the City’s Sustainability Action Plan; and

WHEREAS, the extraction and combustion of fossil fuels are significant sources of greenhouse gas emissions and major contributors to climate change and pollution; and;

WHEREAS, changes in Spokane’s climate such as concurrent heat waves, smoke from wildfires, and drought, are already being felt; and

WHEREAS, scientific studies confirm that global heating is dramatically expanding nearby wildfire activity and its associated smoke, posing a serious threat to the health of Spokane’s people and our summer visitor economy;¹ and

WHEREAS, buildings account for more than half of Washington’s growth in carbon emissions since 1990; and

WHEREAS, renewable electrification of transportation and the heating and cooling of buildings, provides the most effective means to reduce carbon emissions overall; and

WHEREAS, a better reputation as a climate-friendly and sustainable community will aid Spokane’s efforts to attract visitors and new businesses, increasing economic vitality in the region; and

¹ Climate Impacts Research Consortium, Spokane Climate Project <https://www.spokaneclimateproject.org/>

WHEREAS, local, regional, and global economies are transitioning to low-carbon energy sources, and businesses are often leaders in providing energy efficiency and renewable energy technologies and services; and

WHEREAS, the development of new industries and skills that address the global climate challenge will enhance the city's economic prospects and strengthen regional workforce opportunities; and

WHEREAS, scientists have found that climate change poses a significant threat to Washington's economy and impacts that are likely to include longer and more intense wildfire seasons, diminished fish and wildlife habitat, changes in precipitation patterns that will affect agriculture and hydro-electric energy generation, and increased disease vectors and invasive species;² and

WHEREAS, all of Spokane is impacted by climate change, but communities that face socioeconomic and health inequities are most severely impacted by these risks; and

WHEREAS, it is a best practice for cities across the United States to adopt sustainability and climate action plans to meet climate pollution reduction targets and help all members of the community adapt to the changing climate; and

WHEREAS, the community members that make up the SAS spent more than two years of volunteer time lending their expertise to crafting the Sustainability Action Plan ("Plan"); and

WHEREAS, the draft Plan was released for Council Review and public feedback in April of 2021; and

WHEREAS, SAS members led multiple public engagement efforts between April and August 2021 to get feedback on the Plan from community members, including virtual & in person workshops, virtual & in-person drop-in information sessions, an online survey, dozens of community events and presentations, and media reports in various local print, radio, and TV outlets; and

WHEREAS, based on community feedback, several changes were incorporated into the final version of the Plan, including strengthened strategies around health and equity, favoring incentives over mandates in energy, including drought response measures, adding protections for farmlands, supporting anadromous fish recovery, updating water conservation targets, and strengthening language around livable, walkable communities.

NOW, THEREFORE, BE IT RESOLVED that the Spokane City Council adopts the attached 2021 Sustainability Action Plan and formally commits to ensuring the Plan is

² University of Washington, Climate Impacts Group <https://cig.uw.edu/learn/climate-impacts-in-brief/>

implemented and monitored with progress updates provided regularly as outlined in SMC 15.05.060.

BE IT ALSO RESOLVED that the City Council commits to reconstituting the Sustainability Action Subcommittee and will select its initial membership as an ad hoc Subcommittee of the City Council's Public Infrastructure, Environment, and Sustainability Committee to guide and assist in implementing and financing the plan and monitor progress toward the City's sustainability goals.

Passed by the City Council this ____ day of _____, 2021.

City Clerk

Approved as to form:

Assistant City Attorney

Briefing Paper

Public Infrastructure, Environment and Sustainability

Division & Department:	Integrated Capital Management, Streets
Subject:	School, Zone, Park/Playground Zone Speed Limits
Date:	9-27-21
Author (email & phone):	Inga Note (inote@spokanecity.org , 625-6331)
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES, UE
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Pedestrian Master Plan, Bicycle Master Plan, Comprehensive Plan, 6-Year Street Program
Strategic Initiative:	
Deadline:	
Outcome:	Approval of resolution
Background/History: <p>The City first adopted the School Zone, Park/Playground Zone Speed Limit Schedule through resolution 2019-088. Then in 2020 the City Council adopted additional park 20 mph speed zones, which were not incorporated into the comprehensive schedule. Adoption of the schedule attached to this resolution will consolidate all the speed zones into one list.</p> <p>This resolution provides new 20 mph zones for Gonzaga Preparatory, Pauline Flett Middle and Denny Yasuhara Middle School. It also updates the boundaries of existing 20 mph school zones that have been altered through the installation of flashing beacons.</p>	
Executive Summary: <ul style="list-style-type: none"> • Update speed zone boundaries to match existing and proposed 20 When Flashing locations • Add speed zones for new or rebuilt middle schools • Add a new speed zone for Gonzaga Prep • Consolidate all speed zones into one schedule 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Arterial Streets Fund Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

RESOLUTION NO. C - _____

A resolution revising the “School Zone, Park/Playground Zone Speed Limit Schedule”.

WHEREAS, the City of Council of Spokane first adopted the “School Zone, Park/Playground Zone Speed Limit Schedule” through Resolution 2019-0018 on March 11th, 2019; and

WHEREAS, the City of Council of Spokane also adopted Park speed zones through Resolutions 2020-0021 and 2020-0077 which should be incorporated into the “Speed Zone, Park/Playground Zone Speed Limit Schedule”; and

WHEREAS, adjustments to some school speed zone boundaries are needed to match the installed locations of 20 When Flashing beacons;

WHEREAS, Spokane Public Schools is building two new middle schools within the city limits and rebuilding one middle school requiring changes to the speed zones;

WHEREAS, Gonzaga Preparatory School has requested establishment of a 20 mph School Zone on Perry Street adjacent to the campus which is funded through Cycle 9 School Safety;

WHEREAS, RCW 46.61.440 establishes a maximum speed limit of 20 mph within 300 feet of any marked school or playground crosswalk, when the crosswalk is fully posted with standard school or playground speed limit signs; and

WHEREAS, RCW 46.61.440 also authorizes cities to create a school speed zone on a road bordering a marked school or playground in which speeds may not exceed 20 mph. The speed zone may extend up to 300 feet from the border of the school; and

WHEREAS, the City has adopted section 308-330-270 of the Model Traffic Ordinance authorizing the local authority to decrease or increase maximum speed limits after an engineering and traffic investigation by the traffic engineer; and

WHEREAS, City staff has conducted an engineering and traffic investigation for these new/changed speed zones and attached the recommendation to this resolution; and

WHEREAS, the Street Department in cooperation with Spokane Public Schools will make the necessary changes to signing prior to student use of each school; and

NOW, THEREFORE BE IT FURTHER RESOLVED, by the City Council of Spokane we hereby affirm and recognize the established reduced/changed speed limits

during applicable times in areas in and around schools, parks and playground within the City of Spokane as having been determined by the Spokane City/Traffic Engineer in accordance with his/her duties as prescribed by law and contained within the "School Zone, Park/Playground Zone Speed Limit Schedule" attached to this Resolution and identified as **Exhibit A**; and

BE IT FURTHER RESOLVED that the City Council of Spokane approves and adopts the "School Zone, Park/Playground Zone Speed Limit Schedule" attached to this Resolution and identified as **Exhibit A**; and

BE IT FURTHER RESOLVED that the City Council of Spokane hereby repeals in its entirety any such previous adoption reducing/changing speed limits in areas in and around schools, parks and playground within the City of Spokane which are inconsistent with those set forth in **Exhibit A**; and

BE IT FURTHER RESOLVED by the City Council of Spokane that **Exhibit A** may be amended in the future by further Resolution of the City Council of Spokane as is determined by the Spokane City/Traffic Engineer or as may otherwise be required; and

BE IT FURTHER RESOLVED by the City Council of Spokane that should any section, subsection, sentence or clause of this Resolution or **Exhibit A** is for any reason held to be invalid, such decision shall not affect the validity of the remaining provisions of this Resolution and/or **Exhibit A**.

PASSED by the City Council on _____

Council President

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Mayor

Date

Effect

Exhibit A

SCHOOL ZONE, PARK/PLAYGROUND ZONE SPEED LIMIT SCHEDULE

School Speed Zones

SCHOOL SPEED ZONES

The following road sections have been designated as school zones. The maximum speed allowable on the said road sections shall be 20 miles per hour as designated with any of the signage options pursuant to Washington Administrative Code section 392-151-035 as adopted or amended. The Council may establish any changes to speed limits or school speed zones by resolution.

TWENTY MILES PER HOUR:

ADAMS ELEMENTARY

RAY STREET from 75 feet south of 34th Avenue to 19 feet south of 36th Avenue.

FREYA STREET from 38 feet south of 34th Avenue to 75 feet south of 36th Avenue.

36th AVENUE from 436 feet east of Regal Street to 210 feet east of Fiske Street.

ALL-SAINTS ELEMENTARY

FREYA STREET from 74 feet south of 17th Avenue to 272 feet south of 18th Avenue.

18th AVENUE from 178 feet east of Ralph Street to 353 feet east of Thor Street.

ALL-SAINTS MIDDLE SCHOOL

PERRY STREET from 132 feet south of 32nd Avenue to 219 feet south of 34th Avenue.

ARLINGTON ELEMENTARY

SMITH STREET from 360 feet north of Francis Avenue to 786 feet north of Francis Avenue.

FRANCIS AVENUE from 155 feet east of Altamont Street to 65 feet east of Smith Street.

AUDUBON ELEMENTARY

BELT STREET from 195 feet north of Montgomery Avenue to 100 feet north of Jackson Avenue.

CANNON STREET from Jackson Avenue to 172 feet north of Jackson Avenue.

ASH STREET from 17 feet north of Chelan Avenue to 93 feet north of Northwest Blvd.

MAPLE STREET from 330 feet north of Carlisle Ave to 41 feet north of Chelan Avenue.

NORTHWEST BLVD from 32 feet west of Jackson Avenue to 105 feet west of York Avenue.

YORK AVENUE from 163 feet west of Walnut Street to 270 feet west of Maple Street.

CARLISLE AVENUE from 317 feet west of Oak Street to 365 feet west of Cannon Street.

BALBOA ELEMENTARY

ELMHURST STREET from 149 feet north of Houston Avenue to Holyoke Avenue.

AUDUBON STREET from Holyoke Avenue to 488 feet north of Holyoke Avenue.

HOLYOKE AVENUE from 59 feet west of A Street to 168 feet west of Elmhurst Street.

BEMISS ELEMENTARY

CRESTLINE STREET from 29 feet north of Bridgeport Avenue to 285 feet north of Courtland Avenue.

STONE STREET from 231 feet north of Liberty Avenue to 245 feet north of Courtland Avenue.

BRIDGEPORT AVENUE from 55 feet east of Lee Street to 18 feet east of Altamont Street.

EUCLID AVENUE from 48 feet east of Altamont Street to 222 feet east of Cook Street.

BROWNE ELEMENTARY

UPPER DRISCOLL BLVD from Queen Place to 180 feet north of Queen Place.

DRISCOLL BLVD from 173 feet north of Broad Place to 446 feet north of Queen Place.

QUEEN PLACE from 162 feet west of Greenwood Blvd to Upper Driscoll Blvd.

TEC @ BRYANT ELEMENTARY

ASH STREET from Broadway Avenue to 152 feet north of Mallon Avenue.

CATALDO ELEMENTARY

BERNARD STREET from 283 feet south of 16th Avenue to 86 feet south of 19th Avenue.

18th AVENUE from 235 feet west of Bernard Street to 438 feet west of Stevens Street.

CHASE MIDDLE SCHOOL

37th AVENUE from 32 feet east of Dearborn Street to 4 feet east of Lloyd Street.

COOPER ELEMENTARY

THOR STREET from 285 feet north of Euclid Avenue to 274 feet north of Bridgeport Avenue.

FREYA STREET from 170 feet north of Cleveland Avenue to 270 feet north of Bridgeport Avenue.

BRIDGEPORT AVENUE from 10 feet east of Ralph Street to 361 feet east of Freya Street.

EUCLID/FREDERICK AVENUE from 325 feet east of Thor Street to 11 feet east of Sycamore Street.

DENNY YASUHARA MIDDLE SCHOOL

MARIETTA AVENUE from 310 feet west of Morton Street to Perry Street.

PERRY STREET from 400 feet north of Buckeye Avenue to 90 feet south of Carlisle Avenue. This zone also used for *LOGAN ELEMENTARY*.

FERRIS HIGH SCHOOL

REGAL STREET from 38 feet north of 36th to 44 feet south of 39th Avenue.

37th AVENUE from 318 feet east of Mt Vernon Street to 100 feet west of Ray Street.

FINCH ELEMENTARY

ALBERTA STREET from 27 feet north of Kiernan Avenue to 238 feet north of Providence Avenue.

DRISCOLL BLVD from 341 feet north of Gordon Avenue to 141 feet north of Providence Avenue.

MILTON STREET from 178 feet north of Gordon Avenue to Kiernan Avenue.

NORTHWEST BLVD from 78 feet west of Euclid Avenue to 10 feet west of A Street.

FRANKLIN ELEMENTARY

MT. VERNON STREET from 10 feet south of 15th Avenue to 166 feet south of 17th Avenue.

17th AVENUE from 127 feet east of Cook Street to 302 feet east of Mt Vernon Street.

GARFIELD ELEMENTARY

POST STREET from 285 feet north of Shannon Avenue to 280 feet north of Mansfield Avenue.

HOWARD STREET from 260 feet north of Shannon Avenue to 25 feet north of Montgomery Avenue.

WASHINGTON STREET from 266 feet north of Augusta Avenue to 20 feet north of Shannon Avenue.

WASHINGTON STREET from 267 feet north of Shannon Ave to 16 feet north of Montgomery Avenue.

CALISPEL STREET from 150 feet north of Shannon Avenue to 200 feet north of Mansfield Avenue.

NORMANDIE STREET from Mansfield Avenue to 238 feet north of Mansfield Avenue.

BUCKEYE AVENUE from 20 feet west of Atlantic Street to 267 feet west of Normandie Street.

MANSFIELD AVENUE from 295 feet west of Division Street to 128 feet west of Washington Street.

KNOX AVENUE from 44 feet west of Atlantic Street to 128 feet west of Washington Street.

INDIANA AVENUE from 325 feet west of Normandie Street to 25 feet west of Stevens Street.

GARRY MIDDLE SCHOOL

NEVADA STREET from 265 feet north of Rowan Avenue to 262 feet north of Central Avenue.

GLOVER MIDDLE SCHOOL

ALBERTA STREET from 200 feet north of Lacrosse Avenue to 319 feet north of Heroy Avenue.

BELT STREET from 638 feet north of Walton Avenue to 120 feet north of Longfellow Avenue.

GONZAGA PREPARATORY SCHOOL

PERRY STREET from 300 feet north of Dalton Avenue (west) to Fairview Avenue.

GRANT ELEMENTARY

IVORY STREET from 114 feet south of Eighth Avenue to Ninth Avenue.

NINTH AVENUE from 402 feet east of Arthur Street to 216 feet east of Ivory Street.

HAMBLEN ELEMENTARY

NAPA STREET from 16 feet south of 40th Avenue to Thurston Avenue.

MARTIN STREET from Thurston Avenue to 175 feet south of Thurston Avenue.

CRESTLINE STREET from 127 feet south of Lee Avenue to 142 feet south of Thurston Avenue.

37th AVENUE from 267 feet east of Pittsburg Street to 400 feet east of Napa Street.

THURSTON AVENUE from 16 feet east of Napa Street to 20 feet east of Lee Street.

HOLMES ELEMENTARY

LINDEKE STREET from 178 feet north of Boone Avenue to 319 feet north of Sharp Avenue.

COCHRAN STREET from 48 feet north of Boone Avenue to 327 feet north of Sharp Avenue.

SHARP AVENUE from 381 feet west of Nettleton Street to 200 feet west of Lindeke Street.

BOONE AVENUE from 271 feet west of Nettleton Street to 331 feet west of Lindeke Street.

HUTTON ELEMENTARY

GRAND BLVD from 16 feet south of 24th Avenue to 307 feet south of 25th Avenue.

GARFIELD ROAD from Plateau Road to 242 feet south of 24th Avenue.

24th AVENUE from Garfield Road to 201 feet east of Plateau Road.

INDIAN TRAIL ELEMENTARY

SUTHERLIN STREET from 28 feet north of Woodside Avenue to 246 feet north of Weile Avenue.

WEILE AVENUE from 133 feet west of Winston Drive to 126 feet west of Sutherlin Street.

WOODSIDE AVENUE from 208 feet west of Fleming Street to 106 feet west of Sutherlin Street.

JEFFERSON ELEMENTARY

MANITO BLVD from 104 feet south of 36th Avenue to 242 feet south of 37th Avenue.

GRAND BLVD from 352 feet south of 35th Avenue to 215 feet south of 37th Avenue.

37th AVENUE from 225 feet west of Manito Blvd to 215 feet east of Tekoa Street.

37th AVENUE from 173 feet east of Lamonte Street to 200 feet east of Grand Blvd.

LEWIS & CLARK HIGH SCHOOL

STEVENS STREET from 63 feet south of Third Avenue to 312 feet south of Fifth Avenue.

WASHINGTON STREET from 179 feet south of Third Avenue to 289 feet south of Fifth Avenue.

LIDGERWOOD ELEMENTARY

LIDGERWOOD STREET from 165 feet north of Sanson Avenue to 50 feet north of Nebraska Avenue.

ADDISON STREET from 265 feet north of Sanson Avenue to 83 feet north of Nebraska Avenue.

ROWAN AVENUE from 468 feet east of Mayfair Street to 240 feet east of Addison Street.

LINCOLN HEIGHTS ELEMENTARY

THOR STREET from 203 feet south of 21st Avenue to 158 feet south of 23rd Avenue.

FREYA STREET from 42 feet south of 21st Avenue to 260 feet south of 22nd Avenue.

22nd AVENUE from Thor Street to 118 feet east of Thor Street.

23rd AVENUE from 400 feet east of Ray Street to 274 feet east of Thor Street.

LOGAN ELEMENTARY

HAMILTON STREET from 266 feet north of Baldwin Avenue to 16 feet north of Carlisle Avenue.

NEVADA STREET from Carlisle Avenue to 167 feet north of Carlisle Avenue.

COLUMBUS STREET from 150 feet north of Illinois Avenue to 150 feet north of Carlisle Avenue.

CARLISLE AVENUE from 165 feet east of Hamilton Street to 150 feet east of Columbus Street.
MONTGOMERY AVENUE from 55 feet east of Hamilton Street to 310 feet east of Columbus Street.
ILLINOIS AVENUE from 38 feet east of Cincinnati Street to 495 feet east of Columbus Street.
PERRY STREET from 400 feet north of Buckeye Avenue to 90 feet south of Carlisle Avenue. This zone also used for *DENNY YASUHARA MIDDLE SCHOOL*.

LONGFELLOW ELEMENTARY

CINCINNATI STREET from 135 feet north of Gordon Avenue to 106 feet north of Providence Avenue.
NEVADA STREET from 85 feet north of Gordon Avenue to 123 feet north of Garland Avenue.
EMPIRE AVENUE from 264 feet east of Cincinnati Street to 458 feet east of Nevada Street.
PROVIDENCE AVENUE from 479 feet east of Standard Street to 311 feet east of Nevada Street.

MADISON ELEMENTARY

WALL STREET from 160 feet north of Everett Avenue to 12 feet north of Nebraska Avenue.
WHITEHOUSE STREET from 553 feet north of Everett Avenue to 264 feet north of Nebraska Avenue.
NEBRASKA AVENUE from 213 feet west of Normandie Street to 321 feet west of Whitehouse Street.
ROWAN AVENUE from Whitehouse Street to 138 feet west of Whitehouse Street.
QUEEN AVENUE from 312 feet west of Normandie Street to 300 feet west of Whitehouse Street.

NORTH CENTRAL HIGH SCHOOL

HOWARD STREET from 50 feet north of Maxwell Avenue to 92 feet south of Indiana Avenue.
MAXWELL AVENUE from 473 feet west of Washington Street to 47 feet west of Wall Street.

PAULINE FLETT MIDDLE SCHOOL

WELLESLEY AVENUE from 400 feet east of Hartley to 300 feet east of Royal Court.

PRIDE PREP CHARTER

SPRAGUE AVENUE from 323 feet east of Hatch Street to 602 feet east of Scott Street.

REGAL ELEMENTARY, SHAW MIDDLE SCHOOL, NEWTECH, ON-TRACK

CRESTLINE STREET from 262 feet north of Rockwell Avenue to 265 feet north of Longfellow Avenue.
COOK STREET from 927 feet north of Garland Avenue to 251 feet north of Rich Avenue.
LACEY STREET from Rich Avenue to 283 feet north of Longfellow Avenue.
REGAL STREET from 20 feet north of Rockwell Avenue to 28 feet north of Longfellow Avenue.
WELLESLEY AVENUE from 262 feet east of Cook Street to 19 feet east of Nelson Street.
LONGFELLOW AVENUE from 362 feet east of Cook Street to cul-de-sac.
RICH AVENUE from 376 feet east of Stone Street to 268 feet east of Regal Street.
EMPIRE AVENUE from 263 feet east of Stone Street to 294 feet east of Cook Street.

RIDGEVIEW ELEMENTARY

ASH STREET from 172 feet north of Joseph Avenue to 16 feet north of Rowan Avenue.
MAPLE STREET from 80 feet north of Rowan Avenue to 136 feet north of Joseph Avenue.

CEDAR STREET from 169 feet north of Rowan Avenue to 251 feet north of Nebraska Avenue.
JOSEPH AVENUE from 195 feet west of Adams Street to 191 feet west of Walnut Street.
NEBRASKA AVENUE from 120 feet west of Cedar Street to 117 feet west of Walnut Street.
ROWAN AVENUE from 174 feet west of Adams Street to 195 feet west of Ash Street.

ROGERS HIGH SCHOOL

WELLESLEY AVENUE from 320 feet east of Perry Street to 410 feet east of Pittsburg Street.

ROOSEVELT ELEMENTARY

GROVE/BERNARD STREET from 15 feet south of 13th Avenue to 50 feet south of 15th Avenue.
GRAND BLVD from 130 feet south of 13th Avenue to 259 feet south of 14th Avenue.
14th AVENUE from 49 feet west of Division Street to 290 feet west of Grove Street.
15th AVENUE from 396 feet west of Division Street to 1005 feet west of Division Street.

SACAJAWEA MIDDLE SCHOOL

GRAND BLVD from 306 feet south of 31st Avenue to 42 feet south of 34th Avenue.
LAMONTE STREET from 160 north of 31st Avenue to 33rd Avenue

SALK MIDDLE SCHOOL

ALBERTA STREET from 110 feet north of Francis Avenue to 298 feet north of Holyoke Avenue.
STONEWALL AVENUE from 100 feet north of Francis Avenue to 123 feet north of Lyons Avenue.

SHADLE PARK HIGH SCHOOL

ASH STREET from 270 feet north of Princeton Avenue to 50 feet south of Longfellow Avenue.

FRANCES SCOTT ELEMENTARY

THOR STREET from 20 feet south of Fourth Avenue to 377 feet south of Fifth Avenue.
FREYA STREET from 15 feet south of Sixth Avenue to 156 feet south of Third Avenue.
REBECCA STREET from 283 feet south of Fifth Avenue to 65 feet south of Third Avenue.
FOURTH AVENUE from 396 feet east of Freya Street to 263 feet east of Rebecca Street.
FIFTH AVENUE from 10 feet east of Ferrall Street to 308 feet east of Rebecca Street.

SHILOH HILLS ELEMENTARY

MAGNESIUM ROAD from 63 feet east of Standard Street to 155 feet east of Dakota Street.
STONEWALL AVENUE from 254 feet east of Antietam Drive Vicksburg.

SPOKANE PUBLIC MONTESSORI

KNOX AVENUE from 52 feet west of Adams Street to 235 feet west of Cedar Street.

STEVENS ELEMENTARY

MADELIA STREET from 20 feet north of Sharp Avenue to 290 feet north of Sinto Avenue.
MAGNOLIA STREET from 30 feet north of Sharp Avenue to 270 feet north of Sinto Avenue.

NAPA STREET from 35 feet north of Sharp Avenue to 255 feet north of Sinto Avenue.
MISSION AVENUE from 60 feet east of Madelia Street to 65 feet east of Napa Street.
SINTO AVENUE from 150 feet east of Helena Street to 204 feet east of Magnolia Street.

ST. ALOYSIUS ELEMENTARY

MISSION AVENUE from 60 feet east of Madelia Street to 65 feet east of Napa Street.

WESTVIEW ELEMENTARY

MOORE STREET from 519 feet north of Central Avenue to 375 feet north of Bismark Avenue.
FOTHERINGHAM STREET from 393 feet north of Central Avenue to 104 feet north of Decatur Avenue.
DECATUR AVENUE from 554 feet west of G Street to 92 feet west of Moore Street.
BISMARK AVENUE from 520 feet west of G Street to 125 feet west of Moore Street.

WHITMAN ELEMENTARY

HELENA STREET from 170 feet north of Crown Avenue to 112 feet north of Sanson Avenue.
PITTSBURG STREET from 197 feet north of Crown Avenue to 212 feet north of Sanson Avenue.
ROWAN AVENUE from 219 feet east of Perry Street to 313 feet east of Helena Street.

WILLARD ELEMENTARY

MONROE STREET from 20 feet north of Longfellow Avenue to 310 feet north of Heroy Avenue.
WALL STREET from 60 feet north of Rockwell Avenue to 30 feet north of Princeton Avenue.
STEVENS STREET from 163 feet north of Rockwell Avenue to 265 feet north of Heroy Avenue.
LONGFELLOW AVENUE from 105 feet west of Washington Street to 211 feet west of Howard Street.
HEROY AVENUE from 120 feet west of Washington Street to 121 feet west of Wall Street.

WILSON ELEMENTARY

LINCOLN STREET from 272 feet south of 23rd Avenue to 215 feet south of 26th Avenue.
29th AVENUE from 85 feet west of Post Street to 318 feet west of Lincoln Street.

WOODRIDGE ELEMENTARY

INDIAN TRAIL ROAD from 1,294 feet north of Barnes Road to 319 feet north of Shawnee Avenue.
WOODRIDGE DRIVE from 106 feet north of Lamar Avenue to 629 feet north of Shawnee Avenue.
FARMDALE STREET from 163 feet north of Belmont Drive to 185 feet north of Alpine Drive.
SHAWNEE AVENUE from 134 feet west of Sylvia Court to 187 feet west of Woodridge Drive.
ALPINE DRIVE from 210 feet west of Elderberry Avenue to Woodridge Drive.

Park/Playground Speed Zones

PARK/PLAYGROUND SPEED ZONES

The following road sections have been designated as year round 20 miles per hour zones. The maximum speed allowable on the said road sections shall be 20 miles per hour when posted. The Council may establish any changes to speed limits or speed zones by resolution.

TWENTY MILES PER HOUR:

A.M. CANNON PARK

MAXWELL AVENUE/PETTET DRIVE from 63 feet west of Oak Street to 372 feet north of Mission Avenue.

SPOFFORD AVENUE from Elm Street to Belt Street.

ELM STREET from Maxwell Avenue to Spofford Avenue.

AUDUBON PARK/PLAYGROUND

MILTON STREET from 70 feet north of Dalton Avenue to 81 feet north of Gordon Avenue.

AUDUBON STREET from 81 feet north of Northwest Blvd to 219 feet north of Providence Avenue.

PROVIDENCE AVENUE from 195 feet west of Driscoll Blvd to 122 feet west of Audubon Street.

CHIEF GARRY PARK/PLAYGROUND

MISSION AVENUE from 90 feet east of Altamont to 256 feet east of Regal Street.

REGAL STREET from Sinto Avenue to Mission Avenue.

SINTO AVENUE from Cook Street to Regal Street.

COOK STREET from Sinto Avenue to Mission Avenue.

COMSTOCK PARK/PLAYGROUND

HOWARD STREET from 41 feet south of 29th Avenue to 551 feet south of 31st Avenue.

POST STREET from 121 feet south of 29th Avenue to Lincoln Drive.

LINCOLN DRIVE from 52 feet south of 32nd Avenue to 212 feet south of Comstock Court.

33rd AVENUE from 143 feet west of Howard Street to 607 feet west of Howard Street.

29th AVENUE from 610 feet west of Bernard Street to 42 feet west of Post Street

CORBIN PARK

WAVERLY PLACE from East Oval Street to West Oval Street.

PARK PLACE from East Oval Street to West Oval Street.

EDWIDGE WOLDSON PARK

CLIFF DRIVE from 44 feet west of Grove Street to 724 feet west of Stevens Street.

FRANKLIN PARK/PLAYGROUND

WHITEHOUSE STREET from 184 feet north of Queen Avenue to 553 feet north of Everett Avenue.

FRIENDSHIP PARK

STANDARD STREET from Greta Avenue to Calkins Avenue.

CALKINS AVENUE from Standard Street to Greta Avenue.

GRETA AVENUE from Standard Street to Calkins Avenue.

HAYS PARK

CRESTLINE STREET from 285 feet north of Courtland Avenue to 268 feet north of Providence Avenue.

GORDON AVENUE from Pittsburg Street to Crestline Street.

PITTSBURG STREET from Gordon Avenue to Providence Avenue.

PROVIDENCE AVENUE from Pittsburg Street to Crestline Street.

HIGH DRIVE BLUFF PARK

HIGH DRIVE from 21st Avenue to Manito Boulevard.

LINCOLN PARK

17TH AVENUE from 210 feet east of Napa Street to 1,047 feet east of Crestline Street.

MANITO PARK/PLAYGROUND

GRAND BLVD from 416 feet south of 16th Avenue to 30 feet south of 21st Avenue.

17th AVENUE from 10 feet west of Division Street to 351 feet east of Tacoma Street.

DIVISION STREET from 217 feet south of 16th Avenue to 18th Avenue.

18TH AVENUE from 327 feet west of Division Street to Division Street

BROWNE STREET from 18th Avenue to 19th Avenue

19TH AVENUE from 317 feet west of Browne Street to Browne Street

MCCLELLAN STREET from 19th Avenue to 20th Avenue

20TH AVENUE from Bernard Street to McClellan Street

BERNARD STREET from 66 feet south of 19th avenue to 55 feet south of 21st Avenue

21ST AVENUE from Bernard Street to Park Drive

PARK DRIVE from 21st Avenue to 25th Avenue

25TH AVENUE from 130 feet west of Park Drive to 221 feet east of Tekoa Street

TEKOA STREET from Manito Place to 25th Avenue

MANITO PLACE from Tekoa Street to Grand Boulevard

MISSION PARK

MISSION AVENUE from 185 feet east of Columbus Street to 367 feet east of Perry Street.

PERRY STREET from Mission Avenue to 310 feet north of Mission Avenue.

SUPERIOR STREET from Sharp Avenue to Mission Avenue.

SHADLE PARK

LONGFELLOW AVENUE from 252 feet west of Oak Street to Belt Street.

BELT STREET from 260 feet north of Longfellow Avenue to 1,132 feet north of Longfellow Avenue.

WELLESLEY AVENUE from 165 feet west of Belt Street to 150 feet west of Elgin Street.

THORNTON-MURPHY PARK

27TH AVENUE from 425 feet east of Mt. Vernon Street to Ray Street.

UNDERHILL PARK/PLAYGROUND

HARTSON AVENUE from 342 feet east of Lacey Street to 139 feet east of Fiske Street.

Stormwater Ordinance Revisions Briefing Paper

[PIES Committee]

Division & Department:	City Council
Subject:	Stormwater Ordinances
Date:	9/27/2021
Contact (email & phone):	Trey George jgeorge@spokanecity.org 625-7908
City Council Sponsor:	Breann Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	
Strategic Initiative:	
Deadline:	4 th qtr 2021
Outcome: (deliverables, delivery duties, milestones to meet)	Update Sections 17D.060.030, 17D.060.050, 17D.060.140, 17D.060.190, 17D.090.030, 17D.090.070, 17D.090.110, and 17D.090.210 of the Spokane Municipal Code
Background/History: <p>The Eastern Washington Phase II Stormwater Permit requires the City of Spokane to update its municipal code to require projects to adhere to minimum technical requirements and Best Management Practices, reflect and include inspection requirements of private stormwater facilities, and include provisions to review site plans and inspect sites with high potential for sediment transport prior to clearing or grading. The proposed changes to the Spokane Municipal Code are added language to meet the intent of the permit.</p>	
Executive Summary: <ul style="list-style-type: none"> • Update Section 17D.060.030.B Standard References to add the Stormwater Management Manual for Eastern Washington (SWMM EW), Washington State Department of Ecology as a standard reference. • Amend Section 17D.060.050 Duties of Property Owners and Occupants – Others – Private Rights Reserved to add a statement to identify that stormwater facilities shall be installed with adherence to the Best Management Practices referenced in the Spokane Regional Stormwater Manual (SRSM) and the Stormwater Management Manual for Eastern Washington (SWMM EW). • Revise Section 17D.060.140.E Runoff and Infiltration Controls to include an annual post-construction requirement for new and re-development project properties that disturb an acre or more, or are part of a larger development plan to provide to the City an annual 3rd party certification of onsite stormwater facilities indicating that adequate maintenance has been performed and that the facilities are operating as designed to protect water quality. • Amend Section 17D.060.190 Illicit Discharge(s) to include a sub-section that clearly identifies the responsibility of commercial/industrial facilities and private properties to utilize and maintain structural Best Management Practices (BMPs) as necessary to prevent illicit discharges. • Amend Section 17D.090.070.A Plan Required to include the requirement to provide to the City a Stormwater Pollution Prevention Plan for projects that disturb one acre or more. 	

- Revise Section [17D.090.110 Minimum Plan Requirements](#) to include the requirement for plans to be consistent with the Stormwater Management Manual for Eastern Washington in order to reduce the discharge of pollutants to the maximum extent practicable, and to satisfy all known, available and reasonable methods of prevention, control and treatment requirements.
- Revise Section [17D.090.210.A.1 City Inspections – Permitted Activities](#) to include the requirement that project sites which may have a high potential for sediment transport shall be inspected prior to clearing or grading.

Budget Impact:

TOTAL COST:

Approved in current year budget? ☐ Yes ☐ No ☒ N/A

Annual/Reoccurring expenditure? ☐ Yes ☐ No ☒ N/A

If new, specify funding source:

Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ☐ Yes ☒ No ☐ N/A

Requires change in current operations/policy? ☒ Yes ☐ No ☐ N/A

Specify changes required: Develop a program in wastewater department to manage private inspection certifications and follow ups.

Known challenges/barriers: Private stormwater facility owners must be made aware of ordinance and inspection requirements.

ORDINANCE NO. C _____

AN ORDINANCE relating to Stormwater Facilities; amending SMC sections 17D.060.030; 17D.060.050, 17D.060.140, 17D.060.190, 17D.090.030, 17D.090.070; 17D.090.110; 17D.090.210; chapter 17D of the Spokane Municipal Code and setting an effective date.

WHEREAS, The Eastern Washington Phase II Stormwater Permit contains new requirements for the City with regard to updates to its municipal code.

WHEREAS, the Permit requires the City of Spokane to update its municipal code to require projects to adhere to minimum technical requirements and Best Management Practices necessary to protect water quality by applying the definitions, requirements, and methods in the Stormwater Management Manual for Eastern Washington, or another technical stormwater manual approved by Ecology; and

WHEREAS, the Permit requires the City of Spokane to update its municipal code to reflect and include inspection requirements of private stormwater facilities; and

WHEREAS, the Permit also requires the City of Spokane to update its municipal code to include the application of source control Best Management Practices referenced in the Stormwater Management Manual for Eastern Washington where necessary to prevent illicit discharges; and

WHEREAS, furthermore, the Permit requires the City of Spokane to update its municipal code to require construction phase erosion and sediment controls for new development and redevelopment projects, and include provisions to review site plans and inspect sites with high potential for sediment transport prior to clearing or grading;

-- Now, Therefore,

The City of Spokane does ordain:

Section 1: That SMC section 17D.060.030 is amended to read as follows:

17D.060.030 Standards

- A. The ((d))Director of Wastewater Management determines stormwater control design standards and regulations (also referenced as "standards"), including those for onsite stormwater facilities, and determines their applicability to particular areas of the City of Spokane, plats and premises, consistent with the legislative findings of this chapter.
- B. Standards References.

The following documents are hereby adopted by reference. They address general requirements and may be modified or supplemented in other specific sections.

1. Standard Specifications of the Washington State ((d))Department of ((t))Transportation, latest edition.
2. General Special Provisions of the City of Spokane, latest edition.
3. City of Spokane Design Standards and Standard Plans, latest edition.
4. The Spokane Regional Stormwater Manual (SRSM), latest edition.
5. Guidance for UIC Wells that Manage Stormwater by Washington State ((d))Department of ((e))Ecology dated December 2006 (Publication Number 05-10-067).
6. Spokane Aquifer Water Quality Management Plan. Spokane County, Washington "208" Program. County engineers office.
7. Stormwater Management Manual for Eastern Washington (SWMMEW), Washington State Department of Ecology, latest edition.

The above standard references are on file with the ((d))Director of Wastewater Management

- C. Low Impact Development is optional, however if low impact development techniques are used, then the Eastern Washington Low Impact Development Guidance Manual should be followed.
- D. The standard references are periodically republished. Between a general republication the department of engineering services maintains an updated copy and may publish modifications or updates in the *Official Gazette*. The department of engineering services also maintains a distribution list of parties requesting such updates. Unless otherwise ordered, the changes are effective thirty calendar days from the date of the *Official Gazette* issue in which they are published.

Section 2: That SMC section 17D.060.050 is amended to read as follows:

17D.060.050 Duties of Property Owners and Occupants – Others – Private Rights Reserved

- A. Every owner and occupant of premises must install, maintain and keep in good function and order any onsite stormwater facility in accord with applicable requirements. Such requirements may be reflected as conditions of land use or property development in plats, building or special use permits, or other permits, or may be imposed as a consequence of other regulatory action, including code enforcement or nuisance abatement.

B. Stormwater facilities shall be installed with adherence to the Best Management Practices referenced in the Spokane Regional Stormwater Manual (SRSM) and the Stormwater Management Manual for Eastern Washington (SWMMEW).

~~((B))~~ C. No party shall obstruct or interfere with the full and efficient function of any onsite stormwater facility.

~~((C))~~ D. Enforcement action taken under this chapter does not affect a right of a party to seek subrogation or further recovery against any other parties determined to be responsible.

Section 3: That SMC section 17D.060.070 is amended to read as follows:

17D.060.140 Runoff and Infiltration Controls

A. Runoff and infiltration controls apply in all areas of the City except where exempt or modified.

B. Unless otherwise specified, street and alley paving projects funded by local improvement districts are exempt from the provisions of SMC 17D.060.130 and SMC 17D.060.140.

C. Drainage plans shall be prepared and submitted for review and acceptance for all proposed plats and land disturbing activities prior to issuance of any permits for site disturbance, including but not limited to grading permits and building permits. The ~~((d))~~Director of Wastewater Management has authority to waive requirements to the necessity for a drainage plan, but must do so in writing. Factors considered in the evaluation of a waiver request include, but are not limited to:

1. soil characteristics and depth,
2. number of lots,
3. infill development,
4. percent impervious area,
5. pass-through drainage,
6. history and trends of runoff-related problems,
7. depth to ground water.

D. With respect to drainage plans required under subsection (C) of this section:

1. the volume and rate of surface water runoff after new development shall be no greater than the runoff volume and rate leaving the site prior to development, unless the ((d))Director of ((e))Engineering ((s))Services approves the discharge of additional runoff based on a comprehensive drainage plan and down gradient impact study;
 2. drainage plans for development proposals in SDDs shall not rely upon infiltration to accommodate the additional runoff resulting from the proposed development. However, approval to use infiltration in part or in whole may be granted by the ((d))Director of ((e))Engineering ((s))Services upon a showing, after assessing new, existing, and cumulative impacts from prior developments, that no adverse impact to the side, adjacent, or down gradient properties would occur;
 3. drainage plans submitted for development proposals shall comply with the Spokane Regional Stormwater Manual and the City of Spokane Design Standards, as approved by and on file with the ((d))Director of ((e))Engineering ((s))Services, for the design of onsite stormwater facilities, including any limitations applicable to any specific SDD;
 4. drainage plans shall include identification of all properties to be reserved for onsite stormwater facilities and the location of all natural drainage systems.
- E. The developer, property owner, or other responsible, authorized and designated entity acceptable to the ((d))Director of Wastewater Management (e.g., a homeowners association) shall be responsible for accepting and maintaining onsite stormwater facilities. The developer shall provide a perpetual maintenance plan, including funding mechanisms and appropriate financial security for such onsite stormwater facilities acceptable to the ((d))Director of Wastewater Management.
1. Any onsite stormwater facilities shall be inspected annually by a qualified stormwater professional. Private property owners or other responsible person, authorized and designated entity shall provide annual certification by a qualified third party that adequate maintenance has been performed and the facilities are operating as designed to protect water quality.
- F. New plats shall expressly identify tracts of land devoted to the conveyance and/or disposal of stormwater flows. The location of all on-site stormwater facilities shall meet the requirements of the Spokane Regional Stormwater Manual.

Section 4: That SMC section 17D.060.190 is amended to read as follows:

17D.060.190 Illicit Discharge(s)

A. General Intent and Prohibition.

This section is enacted in compliance with state and federal regulatory requirements in the exercise of local police power. The introduction or discharge of anything into the municipal separate storm sewer system, an MS4 system, in violation of the National Pollutant Discharge Elimination System (NPDES) permit requirements, Eastern Washington Phase II Municipal Stormwater Permit (WAR04-6505) as now or hereafter amended is expressly prohibited.

B. Objectives.

The objectives of this section are:

1. To prevent pollutants as defined in subsection ((E)) (F) of this section and as provided in applicable federal and state regulatory requirements from entering the MS4.
2. To locate, eliminate, and prohibit illicit connections and discharges to the MS4.
3. To improve the quality of the City's stormwater discharges to water bodies.
4. To promote the health, safety, and welfare for workers and the general public, provided, notwithstanding any other provision, no special duty to any special person or class of people shall ever be created. Any duty nonetheless deemed created shall be solely and exclusively a duty to the general public; and
5. To ensure that all dischargers to the City's MS4 as well as all other public drainage systems that convey, manage or dispose of stormwater flows into the City's MS4 comply with the NPDES Eastern Washington Phase II Municipal Stormwater Permit (WAR 04-6505) as now or hereafter amended and local, state and federal laws and regulations and that sanctions for failure to comply are imposed.

C. Applicability.

This section shall apply to all activities, on public or private property, which may potentially influence the MS4 drainage system in accord with the requirements of the NPDES Eastern Washington Phase II Municipal Stormwater Permit (WAR 04-6505) as now or hereafter amended. Additionally, permanent and temporary storm water management controls and facilities that flow into the MS4, constructed as part of any activities listed in this section, which are located within the City of Spokane limits, are also subject to this section.

D. Requirement to Implement Best Management Practices.

Owners or operators of commercial/industrial facilities and private property, shall utilize and maintain structural Best Management Practices (BMPs) associated with existing land uses and activities, as necessary to prevent illicit discharges, in

accordance with the standards referenced in 17D.060.030. The Director of the Wastewater Management Department may require any person responsible for a facility or property which is or may be the source of an illicit discharge to implement additional structural and non-structural BMPs to prevent the discharge of pollutants to the stormwater drainage system.

((D)) E. Allowable Discharges.

The following types of discharges into the MS4 may be allowed unless the ((d))Director of Wastewater Management determines that the discharge causes significant contamination of surface water, stormwater, or ground water.

They are allowed only when the stated conditions are met:

1. Treated storm water from the public right-of-way.
2. Other discharges approved by the ((d))Director of Wastewater Management which are in compliance with permit WAR04-6505 or subsequent permits, and determined by the ((d))Director of Wastewater Management to not be a significant source of pollution.
3. Discharges from potable water sources, including water line flushing, hyperchlorinated water line flushing, fire hydrant system flushing, and pipeline hydrostatic test water. Planned discharges must be dechlorinated to a concentration of 0.1 ppm Cl or less, pH-adjusted if necessary, and volumetrically and velocity controlled to prevent resuspension of sediments into the MS4.
4. Unintentional discharges from lawn watering and other irrigation runoff. A discharge is not unintentional if a previous warning has been given or the party to be held responsible knew or should have known of the warning or discharge event.
5. Swimming pool discharges are allowed if dechlorinated to a concentration of 0.1 ppm Cl or less, pH-adjusted and reoxygenated if necessary, and volumetrically and velocity controlled to prevent resuspension of sediments into the MS4; and do not surcharge the City's system. Swimming pool cleaning wastewater and filter backwash shall not be discharged to the MS4.
6. Street and sidewalk wash water, water used to control dust, and routine external building wash down that does not use detergents. The City shall reduce these discharges through public education activities and/or water conservation efforts. To avoid washing pollutants into the MS4, the City shall minimize the amount of street wash and dust control water uses. At active construction sites, street sweeping shall be performed prior to washing the street.

7. Other non-stormwater discharges. Other non-stormwater discharges shall be in compliance with the requirements of a stormwater pollution prevention plan approved by the City of Spokane which addresses control of such discharges.

8. discharges resulting from emergency fire fighting activities.

~~((E))~~E. Unlawful Discharges.

It is unlawful for any person to discharge, or cause to be discharged, directly or indirectly any pollutants into surface water, stormwater, ground water or within a stream channel or directly or indirectly into the MS4. Illicit connections to storm drainage systems and surface water bodies include sanitary sewers, process waste water discharge, process water sump pumps, and internal building drains. Pollutants include, but are not limited to, the following:

1. Chemicals, petroleum products, paint, solvents, detergents and degreasers, or other toxic or deleterious materials in concentrations or amounts in violation of federal, state, or local standards or limits.
2. Trash, debris, food waste, human wastes, animal wastes, or refuse.
3. Loose or unstabilized soil, sand, gravel, or other construction materials that erode in an uncontrolled manner (freely or significantly, as distinguished from ordinary bank or soil erosion associated with storm events) into a drainage facility or stream channel.
4. Lawn clippings, fertilizers, leaves, branches, or other landscaping and yard debris deposited in a stream channel or drainage facility; and
5. Turbid water from construction site runoff, concrete or concrete wash out, dewatering, soil boring or other excavation activities.

~~((F))~~G. Enforcement.

Violations of this section shall be enforced as any other violation of this chapter.

Section 5: That SMC section 17D.090.030 is amended to read as follows:

17D.090.030 Referenced Regulations

- A. Spokane Regional Stormwater Manual (SRSM or Stormwater Manual), as adopted by the City of Spokane and published and maintained by the ~~((d))~~Director of ~~((e))~~Engineering ~~((s))~~Services
- B. Stormwater Management Manual for Eastern Washington (SWMMEW). The SWMMEW is published and maintained by the Washington State department of

ecology and supplements the SRSM.

- C. Washington State Standard Specifications for Road and Bridge Construction. The State Supplemental Specifications are published and maintained by the Washington State ~~((d))~~Department of ~~((t))~~Transportation (WSDOT).
- D. City of Spokane General Special Provisions, as adopted by the City of Spokane and published and maintained by the ~~((d))~~Director of ~~((e))~~Engineering ~~((s))~~Services. These materials supplement and are complimentary to the WSDOT materials.
- E. City of Spokane Design Standards. The City of Spokane Design Standards are published and maintained by the ~~((d))~~Director of ~~((e))~~Engineering ~~((s))~~Services.
- F. Washington State Department of Ecology Construction General Stormwater Permit. Construction sites disturbing one acre or more, and construction projects of less than one acre that are part of a larger common plan of development or sale, must obtain a Construction General Stormwater Permit.

Section 6: That SMC section 17D.090.070 is amended to read as follows:

17D.090.070 Plan Required

- A. A responsible party must submit an erosion and sediment control (ESC) plan or a Stormwater Pollution Prevention Plan (SWPPP) for permitted development projects to the ~~((d))~~Director of Wastewater Management for review. ~~((if the disturbance area is:))~~
 - 1. An ESC is required if the disturbance area is:
 - ~~((4))~~A. five thousand square feet or greater in area;
 - ~~((2))~~B. in a special site per SMC 17D.090.080.
 - 2. A SWPPP is required and must be fully implemented in accordance with the Construction General Stormwater Permit if the disturbance area is:
 - A. one acre or more; or
 - B. is a construction project less than one acre that is part of a larger common plan of development or sale.
- B. An ~~((erosion and sediment control))~~ ESC plan or SWPPP is not required for work that does not require a City issued permit unless otherwise required by the terms of a compliance order or land use decision.
- C. Where a plan is required, the responsible party shall not commence any construction before the ~~((d))~~Director of Wastewater Management has accepted the proposed plan.

Section 7: That SMC section 17D.090.110 is amended to read as follows:

Section 17D.090.110 Minimum Plan Requirements

The following items shall be addressed on erosion and sediment control plans. As site conditions dictate, additional measures relating to erosion and sediment control, as determined by the licensed professional engineer (PE) preparing the plan, shall be addressed in order to meet the intent and purpose of this chapter and to comply with the stated performance standards in SMC 17D.090.180. Furthermore, in order to reduce the discharge of pollutants to the maximum extent practicable, and to satisfy all known, available and reasonable methods of prevention, control and treatment requirements, Best Management Practices (BMPs) shall be consistent with the Spokane Regional Stormwater Manual (SRSW) and Stormwater Management Manual for Eastern Washington (SWMMEW).

A. Construction Sequence.

Sequence the construction in order to best minimize the potential for erosion and sediment control problems.

B. Clearing Limits Delineation.

Identify and delineate on the plan and in the field all clearing limits, sensitive/critical areas, buffers, trees to be preserved, and drainage courses.

C. Construction Access Route.

Access for construction vehicles should be limited to one route whenever possible. The access route must be stabilized to minimize the tracking of sediment onto roads.

D. Sediment Tapping Measures.

Design and construct sediment ponds and traps, perimeter dikes, sediment barriers, and other on-site sediment trapping BMPs as necessary prior to the start of other ground disturbing activities.

E. Protection of Adjacent Properties/Water Bodies/Public and Private Streets.

Protect adjacent and/or downstream properties, water bodies, public and private streets from erosion and sediment deposition. The intent is to keep sediment on the project site and not allow it to reach adjacent and/or downstream properties, water bodies, and public and private streets. These measures shall be made functional prior to any upslope development taking place.

F. Apply permanent or temporary soil stabilization to denuded development site areas in conformance with the following schedule. Permanent ground disturbing activities that do not require a permit may achieve compliance with this schedule by installing and maintaining approved permanent BMPs that meet the purpose of this chapter.

1. Between October 1 and April 30, all denuded sites shall be provided with either temporary or permanent soil stabilization as soon as practicable, but in no case more than five days after ground-disturbing activity occurs.
2. Between May 1 and September 30, temporary erosion and sediment control measures to reduce dust and sediment transport shall be applied as soon as practicable, but in no case more than ten days after ground-disturbing activity occurs.
3. Ground cover shall be installed on any portion of a site that is denuded for more than six months. Sports fields or playgrounds surrounded by vegetative cover or permanently installed curbing are exempt from this requirement.
4. Temporary measures shall be maintained until permanent measures are established. As used herein, "temporary" means approved measures that are not intended to be a final or long-term resolution of compliance requirements.

G. Protection of Inlets.

Protect downstream inlets to drywells, catch basins, and other stormwater management facilities that are functioning during the course of the construction by approved sediment control measures so that sediment-laden water cannot enter the inlets without first being filtered.

H. Increased Runoff from Construction Sites.

Consider and mitigate the effects and impacts of increased and concentrated runoff from ground disturbing activities on downstream properties, water bodies, and public and private streets.

I. Washout Site for Concrete Trucks and Equipment.

Designate an on-site location of a slurry pit where concrete trucks and equipment can be washed out. Slurry pits shall not be located in a swale, drainage area, stormwater facility, water body, or in an area where a stormwater facility is proposed.

J. Material Storage/Stockpile.

Identify the location within the proposed ESC plan boundaries for storage or stockpile areas for any soil, earthen, or landscape material which is used or will be used on-site.

K. Cut and Fill Slopes.

Design and construct cut and fill slopes in a manner that will minimize erosion.

L. Stabilization of Temporary Conveyance Channels and Outlets.

Design, construct, and stabilize all temporary on-site conveyance channels to prevent erosion from the velocity of runoff from storms under developed conditions. Design, construct, and stabilize all temporary conveyance system outlets to prevent erosion of stormwater facilities, adjacent stream banks, slopes, and downstream reaches.

M. Dewatering Construction Site.

Design dewatering devices to discharge appropriately to sediment traps or sediment ponds.

N. Control of Pollutants Other than Sediment on Construction Sites.

Control all on-site pollutants (including waste materials and demolition debris) other than sediment in a manner that does not cause contamination of stormwater, groundwater, or aquifer.

O. Removal of Temporary BMPs.

Remove all temporary sediment control BMPs within thirty days after final site stabilization or after the temporary BMPs are no longer needed. Trapped sediment shall be removed from the project site or stabilized on-site. Stabilize disturbed soil areas resulting from removal of the temporary BMPs.

P. Maintenance and Permanent BMPs.

Maintenance of all erosion and sediment control BMPs is required during the ground-disturbing activity. A maintenance schedule for each BMP shall be included in the plan. Regular inspection and maintenance of all erosion and sediment control BMPs is required to ensure successful performance of the BMPs. Permanent BMPs shall be included on the plan to ensure that successful transition from temporary BMPs to permanent BMPs occurs.

Section 8: That SMC section 17D.090.110 is amended to read as follows:

17D.090.210 City Inspections – Permitted Activities

- A. The ((d))Director of Wastewater Management may conduct the following inspections on permitted development activities. It shall be the duty of the responsible party to notify the ((d))Director of Wastewater Management at the appropriate inspection

phase as set forth below. Inspections of erosion and sediment control measures may occur with other inspections being conducted on the development or construction project.

1. Pre-construction Inspection.

The ((d))Director of Wastewater Management may conduct inspections after initial, temporary erosion and sediment control measures have been put in place and prior to any ground disturbance in addition to that necessary for the installation of the erosion, sediment, and pollutant control measures. When the development is being conducted in phases, this inspection shall occur at the beginning of each phase. Any sites which may have a high potential for sediment transport shall be inspected prior to clearing or grading.

2. Permanent Measures Inspection.

The ((d))Director of Wastewater Management may conduct inspections after permanent measures are put in place. When the development is being conducted in phases, this inspection shall occur after permanent measures have been installed for each phase.

3. Interim Inspections.

The ((d))Director of Wastewater Management may conduct other inspections not specifically addressed above to determine compliance with this chapter.

4. Final Erosion Control Inspection.

For special sites as defined in SMC 17D.090.080, an inspection shall be conducted after construction completion to determine the effectiveness of permanent erosion and sediment control measures. This inspection shall be conducted six months after construction completion or at other times directed by the ((d))Director of Wastewater Management. This inspection may be conducted at sites other than special sites as determined by the ((d))Director of Wastewater Management.

- B. Where the ((d))Director of Wastewater Management has determined that special site conditions exist, the ((d))Director of Wastewater Management may designate a special inspector to monitor erosion and sediment control at that site. The special inspector shall be qualified to perform such monitoring.

Section 9: Effective Date:

This ordinance shall take effect and be in force on _____, 2021.

Passed by the City Council on _____.

Council President

Attest:

City Clerk

Mayor

Approved as to form:

Assistant City Attorney

Date

Effective Date



City of Spokane Municipal Code Update: Stormwater Ordinances

Trey George, Environmental Analyst
Wastewater Management Dept.

Stormwater Happens

“Stormwater runoff is....Number 1 water pollution problem in the urban areas of our state, and it causes and contributes to flooding.”

[Ecology publication #07-10-058]



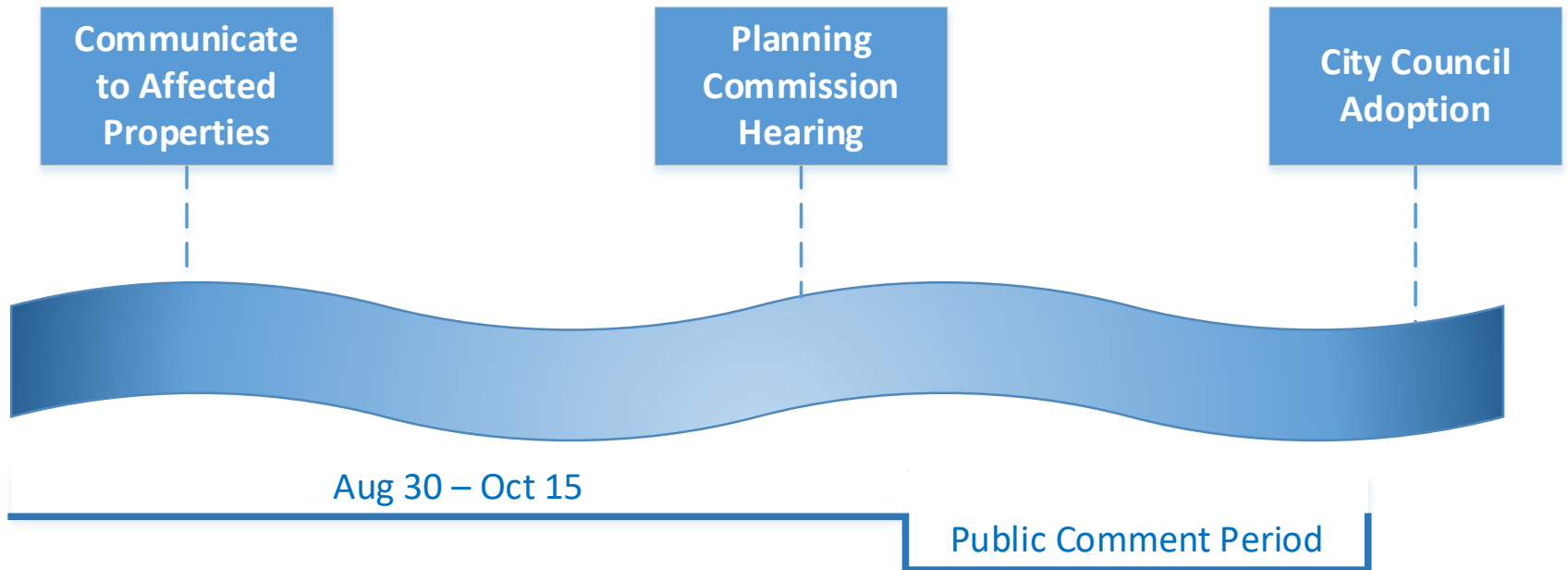
Eastern Washington Phase II Municipal Stormwater Permit

- **Issued by Washington Department of Ecology**
 - Permit #WAR046505
 - Authorizes the City of Spokane to discharge stormwater from the Municipal Separate Stormwater Sewer System (MS4) to surface waters and groundwaters of the State of Washington.
 - The geographic area of coverage is the entire incorporated area of the City
 - With exception of Combined Sewer Overflow Basins

Purpose of Update

- The City of Spokane's proposed amendments to the stormwater ordinances will:
 - Comply with the Eastern Washington Phase II Municipal Stormwater Permit,
 - Provide clarity for projects and properties that must manage stormwater, and
 - Provide water quality protection to local waters of the State.

Timeline



Proposed Changes

- Updated Section [17D.060.030.B Standard References](#) to add the Stormwater Management Manual for Eastern Washington (SWMMMEW), Washington State Department of Ecology as a standard reference.
- Amended Section [17D.060.050 Duties of Property Owners and Occupants – Others – Private Rights Reserved](#) to add a statement to identify that stormwater facilities shall be installed with adherence to the Best Management Practices referenced in the Spokane Regional Stormwater Manual (SRSW) and the Stormwater Management Manual for Eastern Washington (SWMMMEW).

Proposed Changes, cont'd

- Revised Section [17D.060.140.E Runoff and Infiltration Controls](#) to include an annual post-construction requirement for new and re-development project properties that disturb an acre or more, or are part of a larger development plan to provide to the City an annual 3rd party certification of onsite stormwater facilities indicating that adequate maintenance has been performed and that the facilities are operating as designed to protect water quality.
- Amended Section [17D.060.190 Illicit Discharge\(s\)](#) to include sub-section that clearly identifies the responsibility of commercial/industrial facilities and private properties to utilize and maintain structural Best Management Practices (BMPs) as necessary to prevent illicit discharges.

Stormwater Facility Inspections

CLEARING BLOCKED INLETS

allows stormwater to enter swale



TRIMMING, THINNING & MOWING

Keeps vegetation healthy & provides space for stormwater



REMOVING SEDIMENT & DEBRIS

Promotes infiltration while keeping vegetation healthy



Proposed Changes, cont'd

- Amended Section [17D.090.070.A Plan Required](#) to include the requirement to provide to the City a Stormwater Pollution Prevention Plan for projects that disturb one acre or more.
- Revised Section [17D.090.110 Minimum Plan Requirements](#) to include the requirement for plans to be consistent with the Stormwater Management Manual for Eastern Washington in order to reduce the discharge of pollutants to the maximum extent practicable, and to satisfy all known, available and reasonable methods of prevention, control and treatment requirements.
- Revised Section [17D.090.210.A.1 City Inspections – Permitted Activities](#) to include the requirement that project sites which may have a high potential for sediment transport shall be inspected prior to clearing or grading.

Legislative Process

- Anticipated Hearing/Meeting Dates:
 - Planning Commission Workshop
 - September 8, 2021
 - Planning Commission Hearing
 - September 22, 2021
 - PIES Committee Meeting
 - September 27, 2021
 - City Council Hearing
 - October 25, 2021

(Dates are subject to change)

Public Comment

Please contact Trey George, Environmental Analyst, with Wastewater Management if you have questions or would like to provide public comment.

- eMail comment to:

tjgeorge@spokanecity.org

- Comment by mail to

Attn: Trey George,
909 E. Sprague Ave,
Spokane, WA 99202.



Questions?



Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works Division / Integrated Capital Management, Planning Services
Subject:	South U-District Trail Study Conclusion and Next Step
Date:	7/29/21
Author (email & phone):	cquinnhurst@spokanecity.org ; kemiller@spokanecity.org
City Council Sponsor:	Council President Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	
Strategic Initiative:	Innovative Infrastructure
Deadline:	none
Outcome:	Identification of a primary active transportation route in S. U-District
<p>Background/History: <i>When Sprague Avenue between Division Street and Scott Street approached construction in 2019, a stipulation at the state legislative level and subsequent agreement between state legislators and Spokane City Council, attached, required studying the feasibility of constructing a east-west trail which was originally envisioned on a parallel alignment located on BNSF rail property near the University District Bridge. The subsequent feasibility study evaluated a series of route options in the area, engaged with the lease-holders and landowners of the property containing the proposed alignments, selected a recommended alignment that best balanced constraints, and developed a concept design. The 30% conceptual design provided initial cost estimates. City Staff presented the feasibility study to Council during the August 17, 2020 Urban Experience meeting. Based on the physical constraints of structures and terrain in the project area, and the logistical infeasibility of obtaining the required public right-of-way from leaseholders and property owners, the finalized study indicated that the proposed trail is not feasible. On this basis, it is recommended to pursue an alternate east-west parallel facility on Pacific Avenue that would provide equivalent safety and comfort for all ages and abilities in the form of a Neighborhood Greenway, and connect the University District Gateway Bridge, the Ben Burr Trail, the Sprague Union Business District, and Downtown Spokane. Senator Billig has recently inquired about the status of the project. A joint Council and Administration response letter is being sought to address Senator Billig's recent inquiry.</i></p>	
<p>Executive Summary:</p> <ul style="list-style-type: none"> Senator Billig recently requested a status update regarding the east-west trail near Sprague. A feasibility study for a proposed trail between Sprague Avenue and BNSF rail lines on BNSF property was completed and presented to Council on August 17, 2020. The study determined this alignment was not feasible. The alignment along Pacific Avenue is a feasible east-west route as it is built out over time. The City has already begun to pursue grants to begin design of a shared-use facility along Pacific. A joint response letter from Council and City Administration is being sought to respond to Senator Billig's recent inquiry regarding project status. 	
<p>Budget Impact:</p> <p>Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If new, specify funding source:</p> <p>Other budget impacts: (revenue generating, match requirements, etc.)</p>	



SPOKANE CITY COUNCIL
808 W. Spokane Falls Blvd.
Spokane, WA 99201-3335
(509) 625-6255

April 15, 2019

Senator Andy Billig
PO Box 40403
Olympia, WA 98504

Dear Senator Billig:

Thank you again for your commitment to road safety for all users. We appreciate the state's continued investment in bike and pedestrian access in the city of Spokane.

The City of Spokane supports the 3rd Legislative District Legislators in their advocacy for state funding of the Sprague Avenue road project extending from Grant Street to Division Street. Furthermore, the City of Spokane commits to implement the Bike Master Plan by using local funds to construct an east-west trail connection regardless of state funding for the Sprague Avenue road project. Additionally, the City of Spokane will add signage along Sprague Avenue indicating its use as a shared bike route.

The timeline for the east-west trail project is as follows:

- Feasibility Study: 12-18 months
- Design: 6-8 months
- Right-of-way: 18-36 months
- Construction: 6-8 months

The City of Spokane will reflect the financial commitment to the east-west trail by adding the project to the City's 6-year Transportation Capital Program. In response to this commitment, the City of Spokane requests the budget proviso of SSB 5214 be dropped to allow the City to receive awarded transportation grant funds.

Thank you again for your work on behalf of the citizens of Spokane.

Sincerely,



SPOKANE CITY COUNCIL
808 W. Spokane Falls Blvd.
Spokane, WA 99201-3335
(509) 625-6255

Mayor David Condon

Council President Ben Stuckart

Council Member Breean Beggs

Council Member Mike Fagan

Council Member Lori Kinnear

Council Member Candace Mumm

Council Member Karen Stratton

Briefing Paper

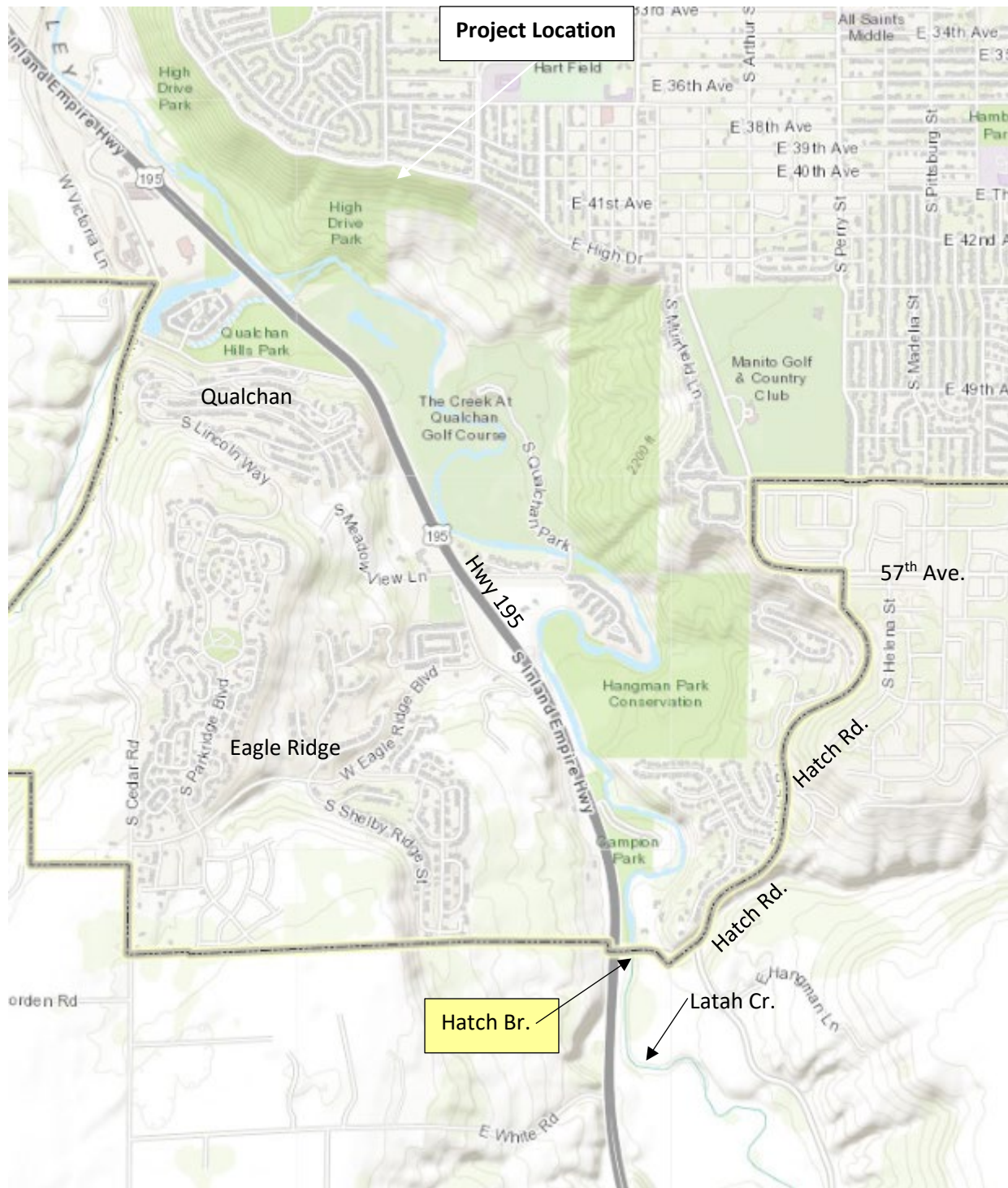
PIES

Division & Department:	Engineering Services
Subject:	SBO for Clarke Ave. Emergency Landslide Abatement
Date:	9/20/21
Contact (email & phone):	Kyle Twohig ktwohig@spokanecity.org 625-6152
City Council Sponsor:	Breean Beggs & Michael Cathcart
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Budget
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	SBO will be forwarded for City Council approval
Background/History: <ul style="list-style-type: none"> A landslide on City and private property began in January 2021 near the intersection of Clarke Ave. and Elm in the Peaceful Valley neighborhood. Engineering Services has worked with Utilities and private contractors to temporarily stabilize the slope while completing geotechnical investigation and designing a permanent solution. A SBO was executed in June for Engineering Services to recover temporary stabilization and design costs to date, and this follow-up SBO is for the permanent remediation construction contract. 	
Executive Summary: <ul style="list-style-type: none"> SBO for \$2,100,000 to fund Emergency Contract to abate the landslide occurring at Clarke and Elm in Peaceful Valley Contracted work to include a structural retaining wall in the ROW with tie back fabric, ground improvement, drainage, soil nails and mesh, stump removal, hydroseeding, and contingency. Improvements are solely for stabilizing the City owned parcel and protection of the ROW FEMA has reviewed the project site and the City's approach. Project has a high likelihood of receiving up to a 75% reimbursement from FEMA for emergency mitigation and restoration. SBO funds the emergency contract from contingency reserves, potentially reimbursed from FEMA 	
Budget Impact: Approved in current year budget? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: FEMA (tentative) Other budget impacts:	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

PIES

Division & Department:	Public Works, Engineering
Subject:	Hatch Br. Deck Replacement
Date:	9-27-21
Contact (email & phone):	Dan Buller (dbuller@spokanecity.org 625-6391)
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	This project is in the 6 year street plan.
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Approval of construction contract
Background/History: <ul style="list-style-type: none"> This briefing paper originally appeared on the November 2020 Urban Experience committee agenda when it was planned to construct this project in 2021. Because of market conditions and delays, the decision was made to construct this project in 2022. The remainder of this paper is a repeat of briefing paper previously submitted. The Hatch Rd. bridge over Latah Cr. was constructed in 1919 originally as an earth filled arch. In 1964 the bridge was rehabilitated with new pier walls and a steel floor system overlain by a corrugated metal deck. The existing bridge deck is 56 years old and due for a deck replacement. The existing arch will be thoroughly inspected but is believed to be in good condition. 	
Executive Summary: <ul style="list-style-type: none"> The City has obtained a federal grant which will cover most of the deck replacement cost. While widening the bridge is not feasible with the existing funds, the addition of a turn pocket between the bridge and Hwy 195 will be included if sufficient funding is available. This project is on ad now with construction planned for summer 2022. It will be necessary to close this bridge for duration of construction, approx. 4 months. The detour will be High Dr. to I-90 to Hwy 195. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	



ORDINANCE NO _____

An ordinance amending Ordinance No. C-35971, passed by the City Council December 14, 2020, and entitled, "An ordinance adopting the Annual Budget of the City of Spokane for 2021, making appropriations to the various funds of the City of Spokane government for the fiscal year ending December 31, 2021, and providing it shall take effect immediately upon passage," and declaring an emergency.

WHEREAS, subsequent to the adoption of the 2021 budget Ordinance No. C-35971, as above entitled, and which passed the City Council December 14, 2020, it is necessary to make changes in the appropriations of the General Fund, which changes could not have been anticipated or known at the time of making such budget ordinance; and

WHEREAS, this ordinance has been on file in the City Clerk's Office for five days; - Now, Therefore,

The City of Spokane does ordain:

Section 1. That in the budget of the General Fund, and the budget annexed thereto with reference to the General Fund, the following changes be made:

(1) Increase appropriation by \$2,100,000.

(A) \$2,100,000 of the appropriation from the City's Contingency Reserve is provided to the Engineering Services department solely for the purpose of emergency work related to the Clark Ave. landslide.

Section 2. It is, therefore, by the City Council declared that an urgency and emergency exists for making the changes set forth herein, such urgency and emergency arising from the need to fund necessary operation expenses related to the emergency situation created by the Clark Ave. Landslide, and because of such need, an urgency and emergency exists for the passage of this ordinance, and also, because the same makes an appropriation, it shall take effect and be in force immediately upon its passage.

Passed the City Council _____

Council President

Attest: _____
City Clerk

Approved as to form: _____
Assistant City Attorney

Mayor

Date

Effective Date

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division
Subject:	Assisting customers after expiration of water shutoff moratorium
Date:	9/27/2021
Author (email & phone):	Marlene Feist, mfeist@spokanecity.org , (509) 625-6505
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Budget, Comp Plan, Policy, Charter, Strategic Plan)	COVID Emergency Declaration. Mayor's priorities around housing, homelessness, and economic development.
Strategic Initiative:	COVID emergency support
Deadline:	October 2021
Outcome: (deliverables, delivery duties, milestones to)	Providing clarity for utility customers who are currently in arrears due to COVID-19 as the moratorium on water shutoffs expires.
Background/History: The current statewide moratorium on utility service suspension and utility late fees will expire on September 30, 2021. The City Council also approved a resolution ending the COVID emergency on June 7, 2021. The City needs to provide guidance and predictability on what customers can expect as we transition out of the pandemic period.	
Executive Summary: More than 7,000 City accounts have past-due amounts from the pandemic period—March 2020 to September 2021. These accounts are primarily residential accounts. The Mayor is asking Council to adopt a resolution that supports our customers by providing time and options for them to address past-due amounts while complimentary relief programs, both current and proposed, are deployed. This supports work to keep people in their homes during the transition out of the pandemic period and will reduce the risk of some housed residents becoming homeless. This resolution provides a transition period for City of Spokane utility customers to address past-due utility bills from the pandemic period. Customers would have until March 31, 2022, to pay past-due amounts or enter into a payment plan with the City that addresses the delinquent amounts. Utility Billing is continuing outreach with affected customers. The City's ordinance that provides for greater access to U-Help support continues through the end of the year. The U-Help program provides low-income households with emergency financial assistance to help pay for their City utility bills.	
Budget Impact: Approved in current year budget? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: donations plus utility matching funds Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

RESOLUTION NO. _____

A RESOLUTION REGARDING DELINQUENT ACCOUNTS AND EXTENSION OF TIME TO ENTER INTO PAYMENT ARRANGEMENTS FOLLOWING EXPIRATION OF WATER SHUTOFF MORATORIUMS POST COVID-19.

WHEREAS, the COVID-19 pandemic has greatly impacted the City of Spokane and its utility customers; and

WHEREAS, since March 2020, the Governor and City have issued moratoriums prohibiting utilities from assessing late charges and prohibiting water shutoff on delinquent accounts; and

WHEREAS, as a result, more than 7,000 City utility accounts have past-due amounts that have accrued during the pandemic period—March 2020 to September 2021; these accounts are predominately residential utility accounts; and.

WHEREAS, on June 7, 2021, the Spokane City Council approved a resolution terminating the declared emergency state of the COVID-19 response and placed the City of Spokane on a recovery posture to accelerate the recovery of economic, social and cultural life; and.

WHEREAS, the current statewide moratorium on water shutoff and utility late fees will expire on September 30, 2021, after which delinquent accounts may be otherwise eligible for water shut off protocols, late fees and interest charges; and

WHEREAS, to assist with economic recovery and to help maintain a healthy community, the City would like to provide a transition period to allow delinquent utility customers to address past-due amounts due to the COVID-19 pandemic and agree to payment arrangements for past-due amounts; and

WHEREAS, to provide customers with guidance and predictability as the community transitions out of the pandemic period created by COVID-19, it is necessary to identify the time period for account holders to become current on their bills or enter into payment arrangements to repay the accrued delinquent bills; and

WHEREAS, commencing October 1, 2021, delinquent accounts can be subject to late fees and interest on past due amounts. In order to provide customers with adequate time to enter into payment arrangements for past due amounts, late fees and interest accrual should be postponed 60 days to November 30, 2021, after which time, past due amounts may be subject to late fees and interest; and

WHEREAS, the transition period should coincide with the availability of other recovery tools the City has used during these unprecedented times or is anticipating, such as the T-Rap funding for rent and utility assistance, the City's U-Help program, and

the anticipated federal Low Income Household Water Assistance Program (LIHWAP); and

WHEREAS, Utility Billing anticipates beginning outreach immediately to affected customers, and after March 31, 2022, remaining delinquent accounts may be subject to water shut off and assessment of late charges, as allowed under state law.

NOW, THEREFORE - - it is hereby resolved by the Spokane City Council:

1. The foregoing recitals are hereby adopted as the Council's findings in support of this Resolution.
2. The City Council recommends providing delinquent utility account holders six months, until March 31, 2022, to become current on their utility bill or to make payment arrangements to repay accrued account balances before the City would proceed with shutting water off due to delinquent account balances which accrued due to COVID-19.
3. Any account holders with outstanding, past due account balances, who have not entered into formal payment arrangements may accrue late fees and interest charges as of November 30, 2021.
4. Customers with remaining delinquent accounts, who have not entered into repayment arrangements prior to March 31, 2022, may be eligible for water shut off procedures and accrual of late fees, as of that date.

ADOPTED by the Spokane City Council this _____ day of _____, 2021.

City Clerk

Approved as to form:

Assistant City Attorney

Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works & Integrated Capital Management
Subject:	Ecology Stormwater Grants Applications
Date:	09/27/2021
Author (email & phone):	mpapich@spokanecity.org & 625-6310
City Council Sponsor:	CM Cathcart
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	2022-2027 Six Year Citywide Capital Improvement Program.
Strategic Initiative:	
Deadline:	10/12/2021
Outcome: (deliverables, delivery duties, milestones to meet)	Approve the list of stormwater projects for stormwater grant applications

Background/History: SMC chapter 7.19 requires that prior to submittal all applications need Council approval.

Washington State Department of Ecology Stormwater Financial Assistant Program (SFAP) grants fund capital improvements and are awarded based on the highest water quality benefit provided by the project. Each jurisdiction can be awarded up to \$5 million. Funding requires a 25% match. The funding offer is open every fall. Integrated Capital Management Department has identified two projects from the *2022 through 2027 Six-year Citywide Capital Improvement Program Stormwater Program* that meets the funding timeline and will be both eligible and competitive for the grant.

Executive Summary:

- Project approval for SFAP grant application.
- *Projects below are in the draft 2022 through 2027 Six-year Citywide Capital Improvement Program*
- *Below are the projects for this year's Ecology application.*
 1. Drywell Rehabilitation in Wellhead Protection Areas-Design funds to design projects to upgrade sub-standard drywells located in wellhead protection zones. Design Funds Requested = \$400,000.
 2. Washington Basin Stormwater Separation-Planning funds to develop a plan to separate stormwater from the Washington Basin Outfall. Planning funds requested = \$500,000.

Budget Impact:

Approved in current year budget? ☒ Yes ☐ No

Annual/Reoccurring expenditure? ☐ Yes ☐ No N/A

If new, specify funding source:

Other budget impacts: (revenue generating, match requirements, etc.) *The 25% match requirement of the grant is programmed through the utilities capital fund.*

Operations Impact:

Consistent with current operations/policy? ☐ Yes ☐ No

Requires change in current operations/policy? ☐ Yes ☐ No

Specify changes required:

Known challenges/barriers:

Briefing Paper (PIES)

Division & Department:	Integrated Capital Management
Subject:	Department of Ecology Stormwater Capacity Grant
Date:	October 28, 2019
Author (email & phone):	Mark Papich (mpapich@spokanecity.org , 625-6310)
City Council Sponsor:	CP Beggs and Marlene Feist
Executive Sponsor:	
Committee(s) Impacted:	PIES
Strategic Initiative:	
Deadline:	9/30/2021

Background/History:

The City has been awarded a 2019-2021 Biennial Stormwater Capacity Grant from the department of Ecology. This is a non-competitive grant. The awarded amount is \$50,000 with no match. This grant will assist the City with funding activities associated with meeting the requirements of our Phase II Municipal Stormwater Permit. Historically, the City has utilized this funding source to assist with the purchase of vehicles and equipment (i.e. vactor trucks and street sweepers) that allow us to meet the maintenance component of the permit.

Executive Summary:

- 2021-2023 Biennial Stormwater Capacity Grant*
- The grant amount is \$50,000 with no match.*
- The grant will be utilized to offset costs associated with meeting requirements of the Phase II Municipal Stormwater Permit (equipment purchase, street sweeping, outreach, etc.).*

Budget Impact:

Approved in current year budget? ☒ Yes ☐ No

Annual/Reoccurring expenditure? ☒ Yes ☐ No

Specify funding source: Utility Rates - IC

Operations Impact:

Consistent with current operations? ☐ Yes ☐ No n/a

Requires change in current operations? ☐ Yes ☐ No n/a

Specify operations change:

Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works – Riverside Park Water Reclamation Facility
Subject:	Contract final renewal for specialized testing of wastewater and stormwater, which fulfills the Department of Ecology issued discharge permit requirements to the City of Spokane.
Date:	September 27 th 2021
Contact (email & phone):	Michael Cannon, Assistant Plant Manager 625-4642 mcannon@spokanecity.org
City Council Sponsor:	Council President Beggs
Executive Sponsor:	
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	
Strategic Initiative:	Innovative Infrastructure – Affordable Utility Rates
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval to renew final renewal contract with ALS Environmental to provide specialized testing of wastewater and stormwater, at a yearly cost of \$55,930 plus applicable taxes.
<p><u>Background/History:</u> As part of the current NPDES discharge permit, The Riverside Park Water Reclamation Facility (RPWRF) is required by the Department of Ecology to monitor wastewater for three toxic pollutants, PCBs (polychlorinated biphenyls), PBDEs (polybrominated diphenyl ethers), and 2,3,7,8-TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin). PCB testing is also a component of the City's stormwater permit.</p> <p>This is the final renewal of two, one-year renewals of RFP #4372-17, beginning October 1, 2021 and ending on September 30, 2022. The total contract period is five years.</p>	
<p><u>Executive Summary:</u></p> <ul style="list-style-type: none"> <u>Impact</u> – approval of specialized testing contract renewal will allow the facility to remain in regulatory compliance. <u>Action</u> – RPWRF is seeking Council approval to authorize the first of two renewals. <u>Funding</u> – Funding for this purchase is in the Wastewater Management budget and revenue is derived from sewer rates. 	
<p><u>Budget Impact:</u></p> <p>Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>If new, specify funding source: Department</p> <p>Other budget impacts: (revenue generating, match requirements, etc.)</p>	
<p><u>Operations Impact:</u></p> <p>Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Specify changes required:</p> <p>Known challenges/barriers:</p>	

Briefing Paper

PIES

Division & Department:	Public Works, Engineering
Subject:	Thor-Freya Reconstruction
Date:	9-27-21
Contact (email & phone):	Dan Buller (dbuller@spokanecity.org 625-6391)
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	This project is in the 6 year street plan.
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Approval of construction contract
Background/History: <ul style="list-style-type: none"> The Thor Freya couplet sees approximately 20,000 vehicles per day making these streets amongst the five busiest in Spokane. Both streets are in need of reconstruction rather than the periodic grind & overlay each has received in recent decades. 	
Executive Summary: <ul style="list-style-type: none"> The proposed replacement section is concrete which, while more expensive initially, will mean this road will now last for many decades and require less frequent maintenance. Also included are miscellaneous stormwater, sanitary, water and curb ramp upgrades. Construction is expected to last at least 6 months and will be done one street at a time (i.e., when working on Thor, Thor will be closed and traffic will be routed to Freya with Freya being converted to two way traffic and vice versa). The City has obtained a federal grant which will cover most of the project cost. See attached exhibit. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	



Project Location

Union Pacific

E Sprague Ave

90

E 1st Ave

Qualchan

S Ralph St

S Thor St

No work these intersections

Concrete road construction

E 2nd Ave

Eagle Ridge

E 90 Hwy

E 3rd Ave

S Thor St

G&O only these intersections

S Freya St

E 4th Ave

Fred Meyer

E 5th Ave

S Ralph St

S Ferrall St

Freya St

E 5th Ave

E 6th Ave

E Hartson Ave

Note: Thor/Freya/2nd/3rd will be constructed as a separate Thor-Freya Phase 2 project in the next few years due to needed coordination with WSDOT-NSC work.

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Extension of Interlocal Agreement with the City of Cheney For Disposal Services at the WTE.
Date:	September 27, 2021
Contact (email & phone):	Chris Averyt, caveryt@spokanecity.org , 625-6540
City Council Sponsor:	Breean Beggs, City Council President
Executive Sponsor:	Marlene Feist, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Infrastructure-Sustainability of the WTE Operations
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of Interlocal Agreement extension to continue providing disposal services for the City of Cheney.
Background/History: <p>The City of Spokane currently offers disposal services for the City of Cheney's owned and operated solid waste collection vehicles, as well as residential self-hauled loads, at the WTE Facility under an Interlocal Agreement (ILA) which commenced on November 17, 2014 and runs through November 16, 2021, with an option to extend the term as agreed upon by both Parties.</p> <p>This extension to the ILA would be for an additional five years, beginning on November 17, 2021 and run through November 16, 2026. All terms of the original ILA are to remain the same, including annual CPI increases to the disposal rates for the City of Cheney's solid waste collection vehicles and the self-hauled loads will continue to be charged at the current gate rates. The value of the ILA is approximately \$500,000.00 in annual revenue to the City of Spokane.</p>	
Executive Summary: <ul style="list-style-type: none"> • Five (5) year extension to the current ILA with the City of Cheney to provide disposal services for Cheney's solid waste collection vehicles at the WTE Facility. • Term from Nov. 17, 2021 through Nov. 16, 2026. • Annual revenue is approx. \$500,000 or \$2.5M for five (5) years. • All terms of the original ILA are to remain the same. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Extension of Interlocal Agreement with the City of Medical Lake For Disposal Services at the WTE.
Date:	September 27, 2021
Contact (email & phone):	Chris Averyt, caveryt@spokanecity.org , 625-6540
City Council Sponsor:	Breean Beggs, City Council President
Executive Sponsor:	Marlene Feist, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Infrastructure-Sustainability of the WTE Operations
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of Interlocal Agreement extension to continue providing disposal services for the City of Medical Lake.
Background/History: <p>The City of Spokane currently offers disposal services for the City of Medical Lake's contracted solid waste collection service providers and residential self-hauled loads at the WTE Facility under an Interlocal Agreement (ILA) which commenced on November 17, 2014 and runs through November 16, 2021, with an option to extend the term as agreed upon by both Parties.</p> <p>This extension to the ILA would be for an additional five years, beginning on November 17, 2021 and run through November 16, 2026. All terms of the original ILA are to remain the same, including annual CPI increases to the disposal rates for the collection service providers and the self-hauled loads will continue to be charged at the current gate rates. The value of the ILA is approximately \$160,000.00 in annual revenue to the City of Spokane.</p>	
Executive Summary: <ul style="list-style-type: none"> Five (5) year extension to the current ILA with the City of Medical Lake to provide disposal services for Medical Lake's contracted solid waste collection service providers and residential self-hauled loads at the WTE Facility. Term from Nov. 17, 2021 through Nov. 16, 2026. Annual revenue is approx. \$150,000 or \$800,000.00 for five (5) years. All terms of the original ILA are to remain the same. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Extension of Interlocal Agreement with the City of Airway Heights For Disposal Services at the WTE.
Date:	September 27, 2021
Contact (email & phone):	Chris Averyt, caveryt@spokanecity.org , 625-6540
City Council Sponsor:	Breean Beggs, City Council President
Executive Sponsor:	Marlene Feist, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Infrastructure-Sustainability of the WTE Operations
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of Interlocal Agreement extension to continue providing disposal services for the City of Airway Heights.
Background/History: <p>The City of Spokane currently offers disposal services for the City of Airway Heights contracted solid waste collection service providers and residential self-hauled loads at the WTE Facility under an Interlocal Agreement (ILA) which commenced on November 17, 2014 and runs through November 16, 2021, with an option to extend the term as agreed upon by both Parties.</p> <p>This extension to the ILA would be for an additional five years, beginning on November 17, 2021 and run through November 16, 2026. All terms of the original ILA are to remain the same, including annual CPI increases to the disposal rates for the collection service providers and the self-hauled loads will continue to be charged at the current gate rates. The value of the ILA is approximately \$500,000.00 in annual revenue to the City of Spokane.</p>	
Executive Summary: <ul style="list-style-type: none"> Five (5) year extension to the current ILA with the City of Airway Heights to provide disposal services for Airway Height's contracted solid waste collection service providers and residential self-hauled loads at the WTE Facility. Term from Nov. 17, 2021 through Nov. 16, 2026. Annual revenue is approx. \$500,000 or \$2,500,000 for five (5) years. All terms of the original ILA are to remain the same. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Contract amendment/extension for transportation and disposal of ash and bypass waste from the WTE.
Date:	August 23, 2021
Contact (email & phone):	Chris Averyt, caveryt@spokanecity.org , 625-6540
City Council Sponsor:	Breean Beggs, City Council President
Executive Sponsor:	Marlene Feist, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Infrastructure-Sustainability of the WTE Operations
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of the contract amendment/extension to ensure uninterrupted operations of the WTE.
Background/History: <p>The City entered into a contract with Regional Disposal Company (RDC) for transportation and disposal services for ash, bypass and non-processible waste at RDC's landfill in Klickitat County, WA.</p> <p>The current seven (7) year contract period, which spans from Nov. 17, 2014 to Nov. 16, 2021, allows for three (3) additional one (1) year extensions. This would be the first of those extensions, from Nov. 17, 2021 through Nov. 16, 2022. Historically, the rates for disposal per the contract have been adjusted annually based on Consumer Price Index (CPI) increases. The contract will be amended to allow for a fixed increase of 3% instead, due to the current volatility of the price index. The rate per ton for ash disposal will increase from \$56.03 to \$57.17 and the rate per ton for bypassed/non-processible waste will increase from \$53.80 to \$55.41. The estimated annual cost for this amendment/extension is \$8,500,000.00 including taxes.</p>	
Executive Summary: <ul style="list-style-type: none"> Extension #1 of 3 to the contract with RDC for transportation and disposal of ash and bypassed waste from the WTE. Contract amendment to change from an annual CPI rate increase to a fixed 3% increase due to current price index volatility. Ash disposal rate per ton going from \$56.03 to \$57.17. Bypass/non-processible waste rate per ton going from \$53.80 to \$55.41. Contract term from Nov. 17, 2021 through Nov. 16, 2022 with an estimated annual cost of \$8.5M including taxes. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Value Blanket Renewal for the Purchase of Boiler Tubes For Use at the WTE.
Date:	September 27, 2021
Contact (email & phone):	David Paine, dpaine@spokanecity.org , 625-6878
City Council Sponsor:	Breean Beggs, City Council President
Executive Sponsor:	Marlene Feist, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Infrastructure-Sustainability of the WTE Operations
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of the value blanket renewal for boiler tubes, without which the WTE would not be able to continue uninterrupted operations.
<u>Background/History:</u> <p>Prefabricated boiler tubes are a necessary item to have available on-site at the Waste to Energy Facility so that worn tubes can be replaced quickly in the event of a failure or during scheduled maintenance outages.</p> <p>On July 30, 2020 bidding closed on ITB 5313-20 for an annual supply of these boiler tubes, including the fabrication of u-bends, as-needed for the WTE Facility. Helfrich Brothers Boiler Works, Inc., of Lawrence, MA, was the lowest cost, responsible bidder. Other responses were received from The Babcock & Wilcox Company, Boiler Tube Company of America and Technology International, Inc.</p> <p>The initial value blanket with Helfrich Brothers was from Nov. 1, 2020 through Oct. 31, 2021 with a cost not to exceed \$650,000.00, including taxes and had the option of four (4) additional one-year renewals. This will be the first of those renewals from Nov. 1, 2021 through Oct. 31, 2022 for an additional cost not to exceed \$650,000.00 including taxes.</p>	
<u>Executive Summary:</u> <ul style="list-style-type: none"> Renewal #1 of 4 to the value blanket awarded to Helfrich Brothers Boiler Works, Inc., from ITB 5313-20 for as-needed boiler tubes at the WTE Facility. Term from November 1, 2021 through October 31, 2022. Annual anticipated cost not to exceed \$650,000.00 including taxes. 	
<u>Budget Impact:</u> Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
<u>Operations Impact:</u> Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Water Department
Subject:	Cost Amendment for Bacteriological and Chemical Analysis
Date:	September 14, 2020
Contact (email & phone):	Doug Greenlund (dgreenlund@spokanecity.org 742-8166)
City Council Sponsor:	CM Cathcart
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	Strategic Plan
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Continuity of contracts to provide required bacteriological and chemical analysis for the Water Department.

Background/History:

On June 25th, 2016 the City distributed Request for Proposal 4259-16 Bacteriological and Chemical Analysis of Water by email to 145 firms. Only July 18th, 2016 the City received three (3) proposals. In accordance with city policy an evaluation committee met and evaluated the proposals, The committee unanimously recommended an optional use contract with both Anatek and Edge. These contracts were in effect for three years and expired September 30th 2019. These contracts are for Solid Waste disposal, Northside landfill, Southside landfill, and Waste to Energy, and for the Water Department. The first contract extension option was utilized in September of 2019.

This is a cost amendment for the Water Department Share of the contract funds to complete state and federal required testing.

Executive Summary:

- Additional \$8500 for the Water Department to complete required testing for 2021. Unanticipated testing for the start up of two projects depleted the funds in the Water Department portion of the contract.

Budget Impact:

Approved in current year budget? ☒ Yes ☐ No ☐ N/A

Annual/Reoccurring expenditure? ☒ Yes ☐ No ☐ N/A

If new, specify funding source:

Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ☒ Yes ☐ No ☐ N/A

Requires change in current operations/policy? ☐ Yes ☒ No ☐ N/A

Specify changes required:

Known challenges/barriers:



City of Spokane

CONTRACT AMENDMENT

**Title: CHEMICAL AND/OR BACTERIAL
ANALYSIS OF WATER SAMPLES**

This Contract Amendment is made and entered into by and between the **CITY OF SPOKANE**, a Washington municipal corporation, as ("City") and **ANATEK LABS, INC.**, whose address is 504 East Sprague Avenue, Suite D, Spokane, Washington, 99202, as ("Consultant"), individually hereafter referenced as a "Party" and together as the "Parties".

WHEREAS, the parties entered into a Contract wherein the Consultant agreed to provide analytical services for chemical and bacteriological analysis of water samples for various City departments; and

WHEREAS, additional funds have been requested, thus, the original Contract needs to be formally Amended by this written document; and

NOW, THEREFORE, in consideration of these terms, the parties mutually agree as follows:

1. CONTRACT DOCUMENTS.

The Contract, dated October 1, 2016, any previous amendments, addendums and / or extensions / renewals thereto, are incorporated by reference into this document as though written in full and shall remain in full force and effect except as provided herein.

2. EFFECTIVE DATES.

This Contract Amendment shall become effective on August 1, 2021.

3. COMPENSATION.

The City shall pay an additional amount not to exceed **EIGHT THOUSAND FIVE HUNDRED AND NO/100 DOLLARS (\$8,500.00)**, and applicable sales tax, for everything furnished and done under this Contract Amendment. This is the maximum amount to be paid under this Amendment, and shall not be exceeded without the prior written authorization of the City, memorialized with the same formality as the original Contract and this document.

IN WITNESS WHEREOF, in consideration of the terms, conditions and covenants contained, or attached and incorporated and made a part, the parties have executed this Contract Amendment by having legally-binding representatives affix their signatures below.

ANATEK LABS, INC.

CITY OF SPOKANE

By _____
Signature Date

By: _____
Signature Date

Type or Print Name

Type or Print Name

Title

Title

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

21-163

Briefing Paper (PIES)

Division & Department:	Street
Subject:	Concrete Mix for Street Department
Date:	09/01/2021
Contact (email & phone):	Clint Harris / 625-7744
City Council Sponsor:	CP Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	
Background/History: <i>Used for a variety of maintenance and repair activities including roadways, curbs, and bridges, concrete product was put out for bid and is being awarded in tandem to AAA concrete and Specialty Mobile Mix.</i>	
Executive Summary: <i>Impact</i> <ul style="list-style-type: none"> The total cost to the City is not to exceed \$70,000 annually. <i>Action</i> <ul style="list-style-type: none"> Approval of the bid-awarded contracts <i>Funding</i> <ul style="list-style-type: none"> Funding for this is included in the 2021/2022 Street Operation and Maintenance Budget. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper (PIES)

Division & Department:	Public Works - Street Department
Subject:	TransMap Pavement Assessment
Date:	8/30/2021
Contact (email & phone):	ceharris@spokanecity.org / 625-7744
City Council Sponsor:	Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	6 Year Street Plan
Strategic Initiative:	
Deadline:	March 1 st 2022
Outcome: (deliverables, delivery duties, milestones to meet)	Pavement assessment data for the City's Local Access Street system.
Background/History: <i>TransMap is a vendor that provides pavement inspection and was selected thru the procurement process for this service. Data is collected using the vendor's proprietary pavement inspection vehicle which utilizes multiple sensor technologies to measure pavement condition and rank the condition. Using this process to gather information results in more consistent and accurate data to review and is safer to gather the information. The information is made available to import into the asset management software used by the Street Department for pavement management.</i>	
Executive Summary: Impact <ul style="list-style-type: none"> The total cost to the City is not to exceed \$138,000. Action <ul style="list-style-type: none"> Approval of the contract for pavement assessment data for the City's Local Access Street System Funding <ul style="list-style-type: none"> Funding for this would come from the Streets Budget 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: N/A Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper (PIES)

Division & Department:	Street
Subject:	Ice Kicker
Date:	09/01/2021
Contact (email & phone):	Clint Harris / 625-7744
City Council Sponsor:	CP Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	
Background/History: <i>This salt-based product with anticorrosive inhibitors added is used by Street Department during the winter months for deicing. Used primarily in the CBD area and is purchased off the state contract.</i>	
Executive Summary: <i>Impact</i> <ul style="list-style-type: none"> The total cost to the City is \$139 per ton not to exceed \$100,000 annually. <i>Action</i> <ul style="list-style-type: none"> Approval of the contract <i>Funding</i> <ul style="list-style-type: none"> Funding for this is included in the 2021/2022 Street Operation and Maintenance Budget. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper (PIES)

Division & Department:	Street
Subject:	Road Salt
Date:	09/13/2021
Contact (email & phone):	Clint Harris
City Council Sponsor:	CP Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval for the purchase of Road Salt on an “as needed” basis to use on the City Streets in the winter.
Background/History: <i>This material is used by the street department during the winter months to aid in snow and ice removal. It is primarily mixed with sand and used on sanding routes. Salt Distributors Inc. is the supplier. This was quoted out in 2018 with an original one year Value Blanket Order with four one year renewals available. This is the fourth renewal.</i>	
Executive Summary: <i>Impact</i> <ul style="list-style-type: none"> The total cost to the City is not to exceed \$135,000 annually. <i>Action</i> <ul style="list-style-type: none"> Approval of the renewal of the Value Blanket Order <i>Funding</i> <ul style="list-style-type: none"> Funding for this is included in the Street Operation and Maintenance Budget. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works / Water Department
Subject:	Request to Install Security Cameras
Date:	September 13, 2021
Author (email & phone):	Loren Searl, lsearl@spokanecity.org
City Council Sponsor:	CP Breean Beggs
Executive Sponsor:	Laz Martinez
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Request to install security cameras in compliance with Spokane Municipal Code 18.04.040 and 18.04.060. (memo included with briefing paper)
Strategic Initiative:	Sustainable Resources
Deadline:	November 1, 2021
Outcome: (deliverables, delivery duties, milestones to meet)	Install a security camera system on the outside of buildings at the Northfoothills complex to better secure the outdoor storage of materials at that location.
Background/History: The water department stores over \$1,000,000 worth of inventory and 120 city vehicles outdoors at the Northfoothills complex. The current security is very minimal, and the materials are easily recyclable. We have experienced loss of product and vehicle break-ins and are attempting to lessen the loss. Live view of cameras will be available for our night radio room operators to see and stored data will be available to review by Public Works IT personnel if needed.	
Executive Summary: Per Spokane Municipal Code 18.04.040 and 14.04.060 we are respectfully requesting Council approval to install a security camera system at the Northfoothills complex to reduce losses to the city. Because of the limited current security in place, we are attempting to take measure to better secure the city assets that are stored at this facility. Monitoring the camera feeds would be limited to the above-mentioned radio operators that are on staff 24 hours a day and stored camera views would be available in the event that an incident occurs, by the Public Works IT personnel. Camera footage will be retained for 10 days.	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

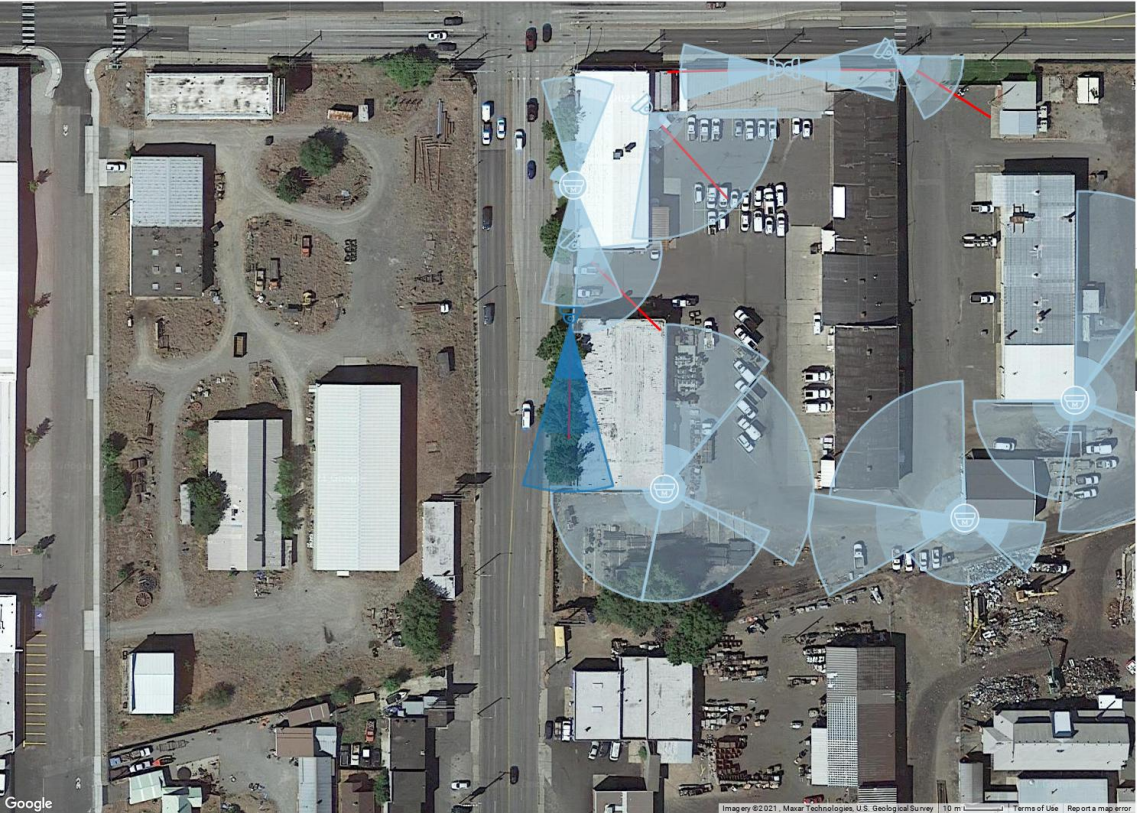
IPVM Camera Calculation | August 26, 2021

Overview




Camera 1

Model: Hanwha QNV-8080R Resolution: 5MP
HxV: 31° Distance: 144ft Width: 78.5ft PPF: 33.0
Imager: 1/2.8" Focal Length: 3.2 - 10mm Camera Height: 10.00ft Tilt: -11.70° Scene Height: 10.00ft

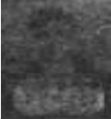


Day - Ideal

Dark No IR



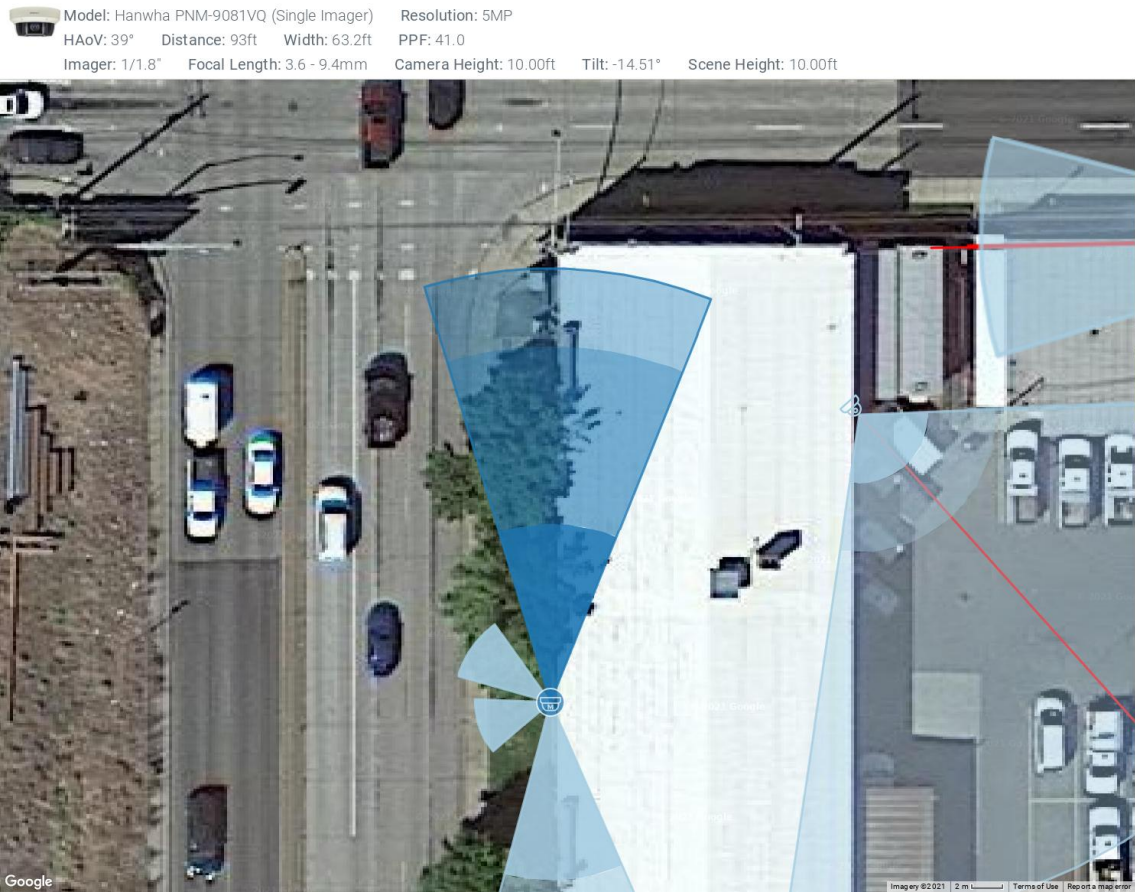
33.0 ppf
144 ft
Away



Warning: results may vary depending on light and camera


IPVM

Camera 2: Imager 1

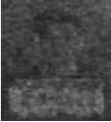


Day - Ideal

Dark No IR



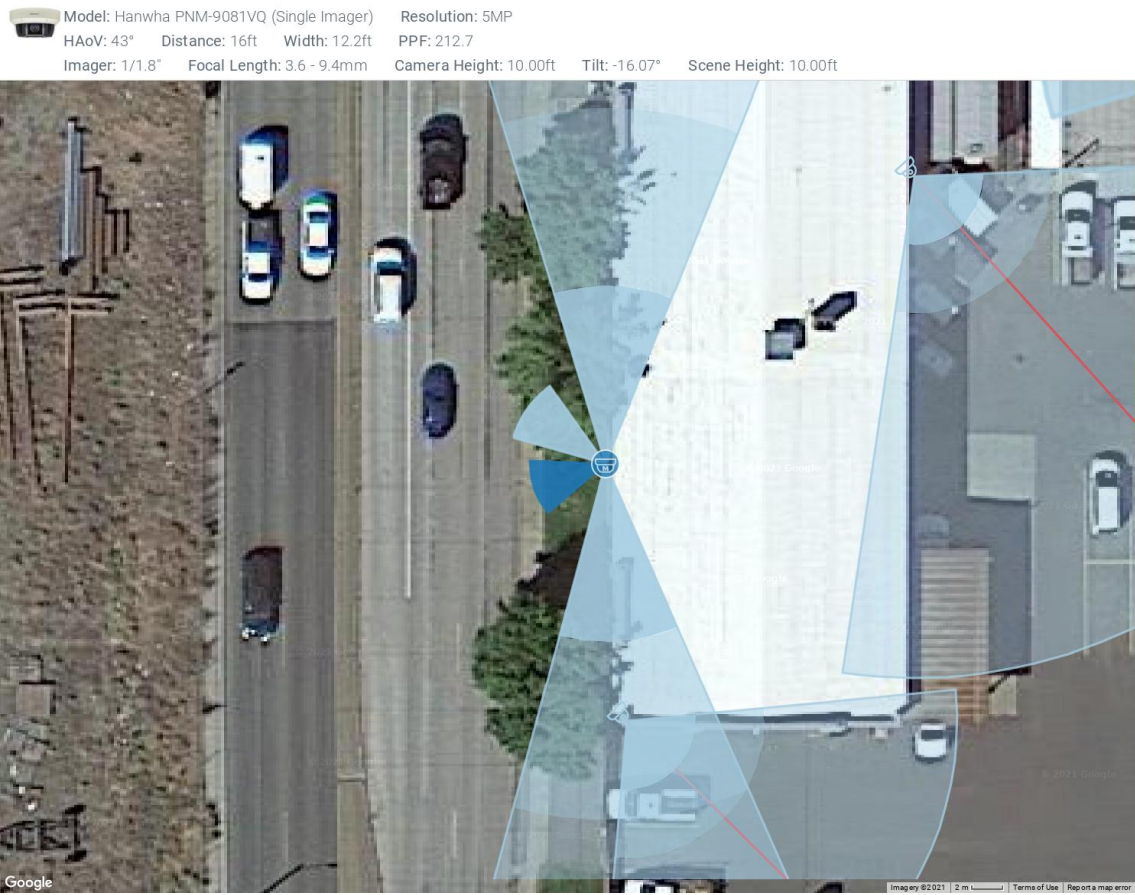
41.0 ppf
93 ft
Away



Warning: results may vary depending on light and camera


IPVM

Camera 2: Imager 2




Day - Ideal

Dark No IR



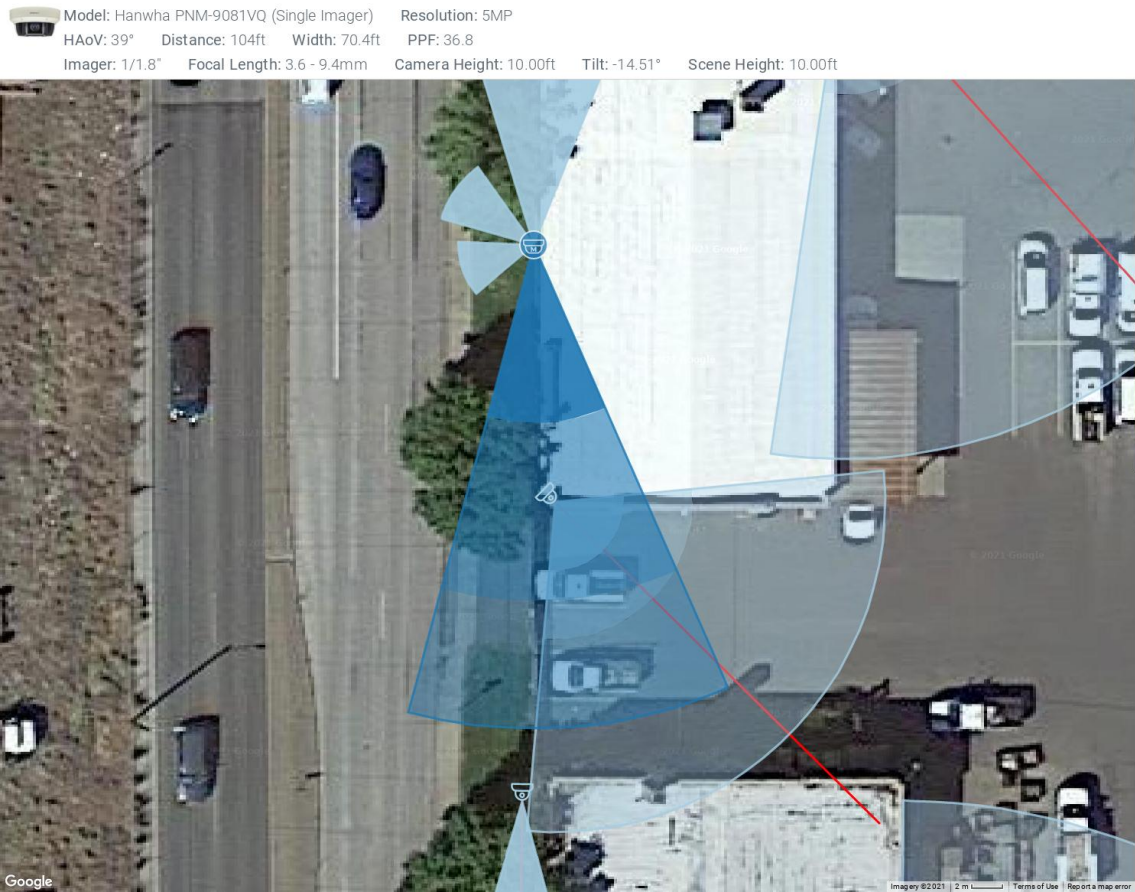
212.7 ppf
16 ft
Away



Warning: results may vary depending on light and camera

IPVM

Camera 2: Imager 3



Day - Ideal

Dark No IR



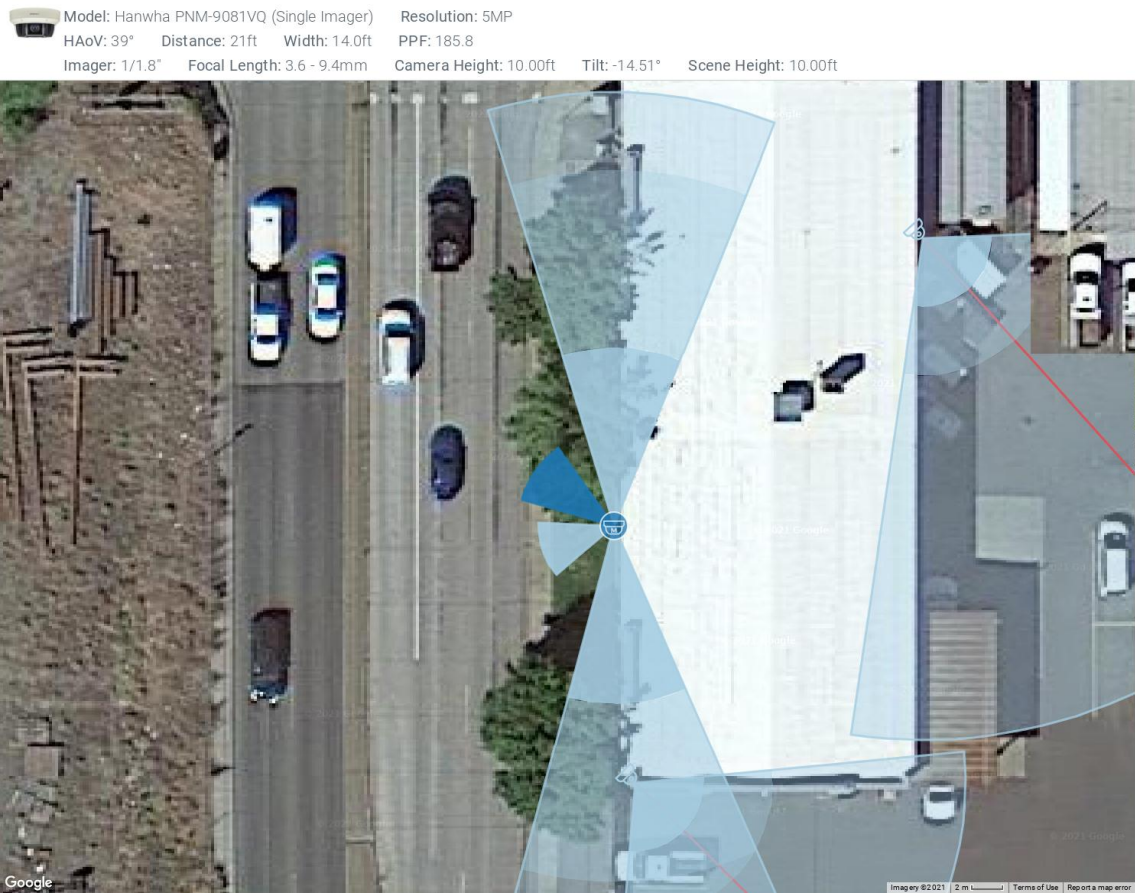
36.8 ppf
104 ft
Away



Warning: results may vary depending on light and camera


IPVM

Camera 2: Imager 4




Day - Ideal

Dark No IR



185.8 ppf
21 ft
Away

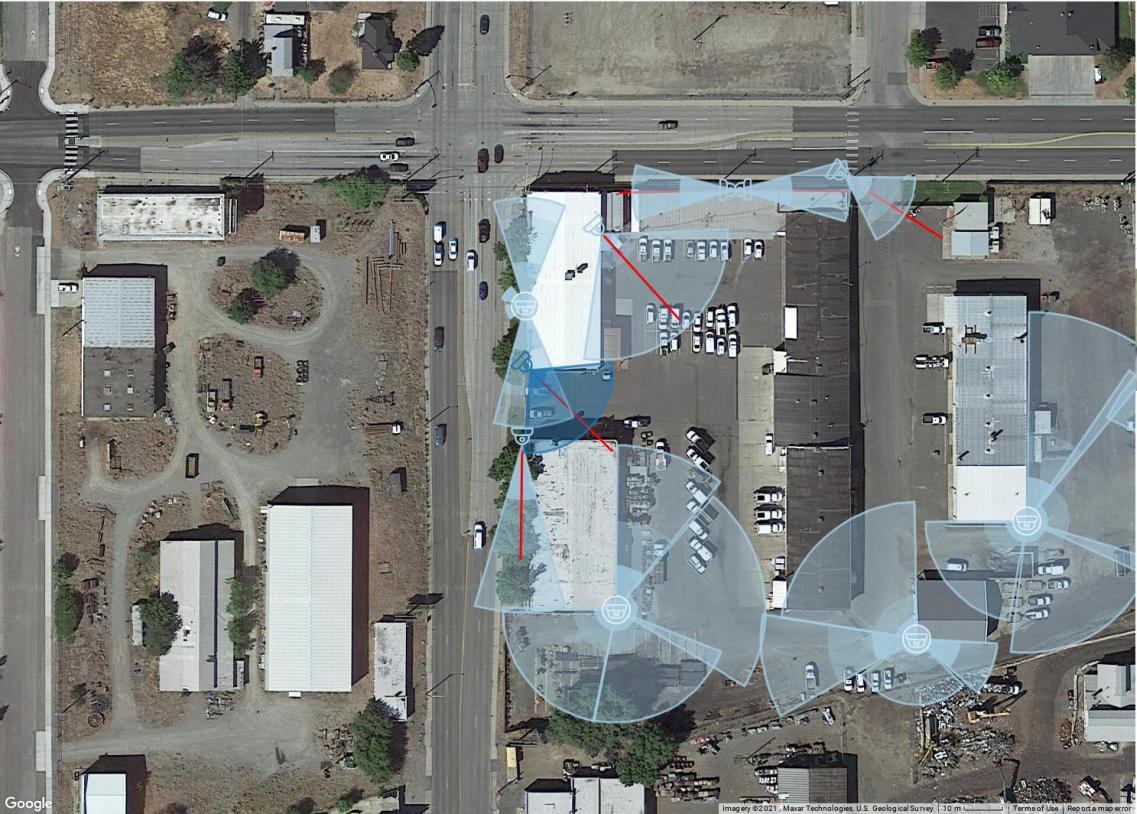


Warning: results may vary depending on light and camera

IPVM


Camera 3

Model: Hanwha QNV-8080R Resolution: 5MP
H AoV: 100° Distance: 71ft Width: 124.6ft PPF: 20.8
Imager: 1/2.8" Focal Length: 3.2 - 10mm Camera Height: 10.00ft Tilt: -37.61° Scene Height: 10.00ft




Day - Ideal

Dark With IR



20.8 ppf
71 ft
Away

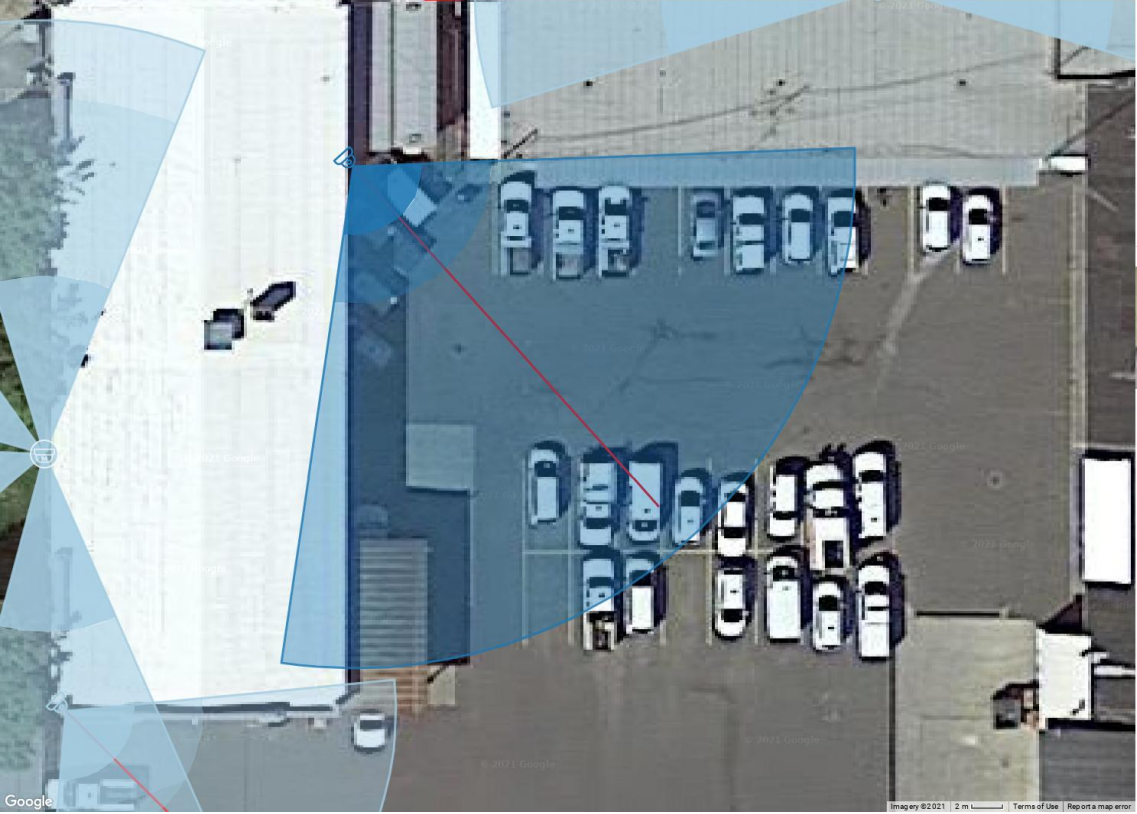


Warning: results may vary depending on light and camera

IPVM

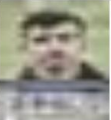
Camera 4

Model: Hanwha QNV-8080R Resolution: 5MP
H AoV: 100° Distance: 108ft Width: 189.4ft PPF: 13.7
Imager: 1/2.8" Focal Length: 3.2 - 10mm Camera Height: 10.00ft Tilt: -37.61° Scene Height: 10.00ft




Day - Ideal

Dark No IR



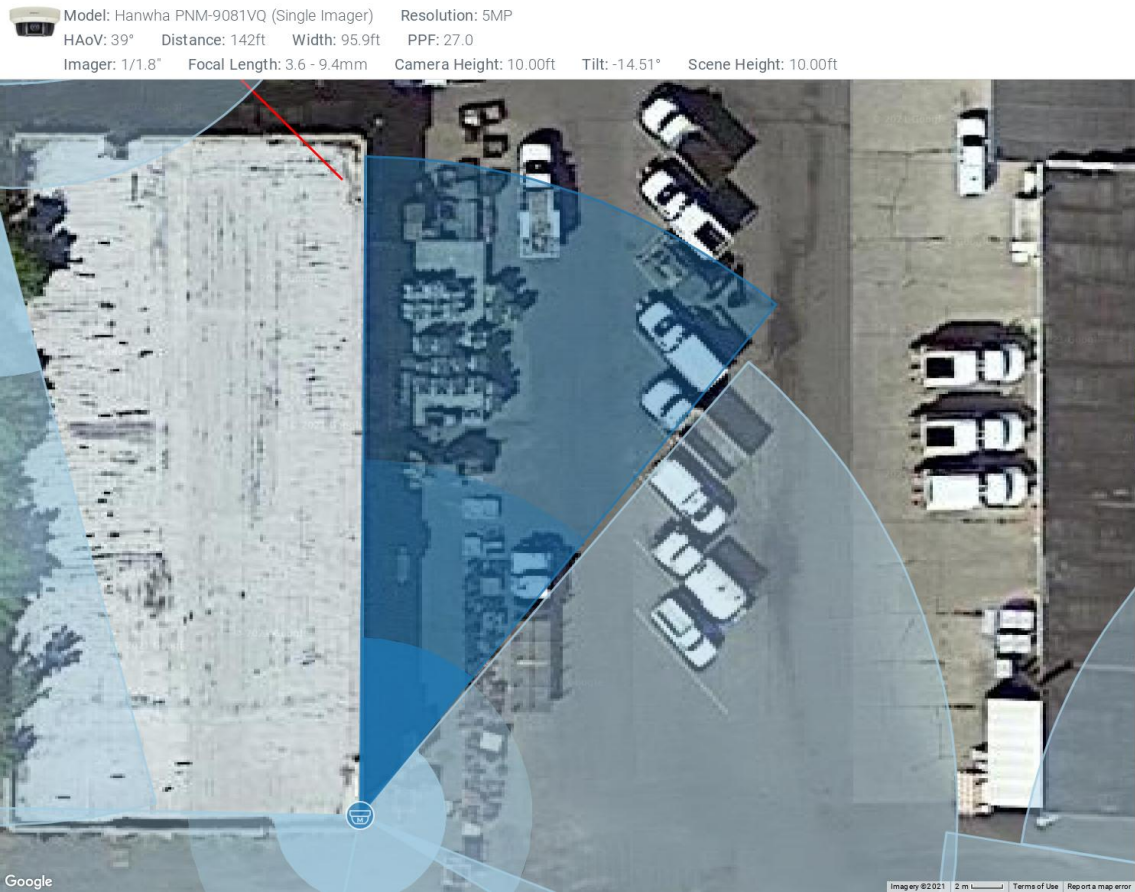
13.7 ppf
108 ft
Away



Warning: results may vary depending on light and camera

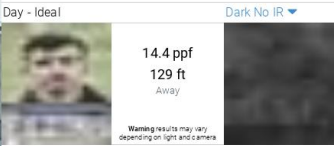
IPVM

Camera 5: Imager 1



IPVM

Camera 5: Imager 2



IPVM

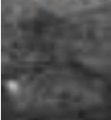
Camera 5: Imager 3



Day - Ideal Dark No IR



19.1 ppf
97 ft
Away



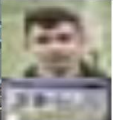
Warning: results may vary depending on light and camera

IPVM

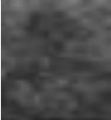
Camera 5: Imager 4



Day - Ideal Dark No IR



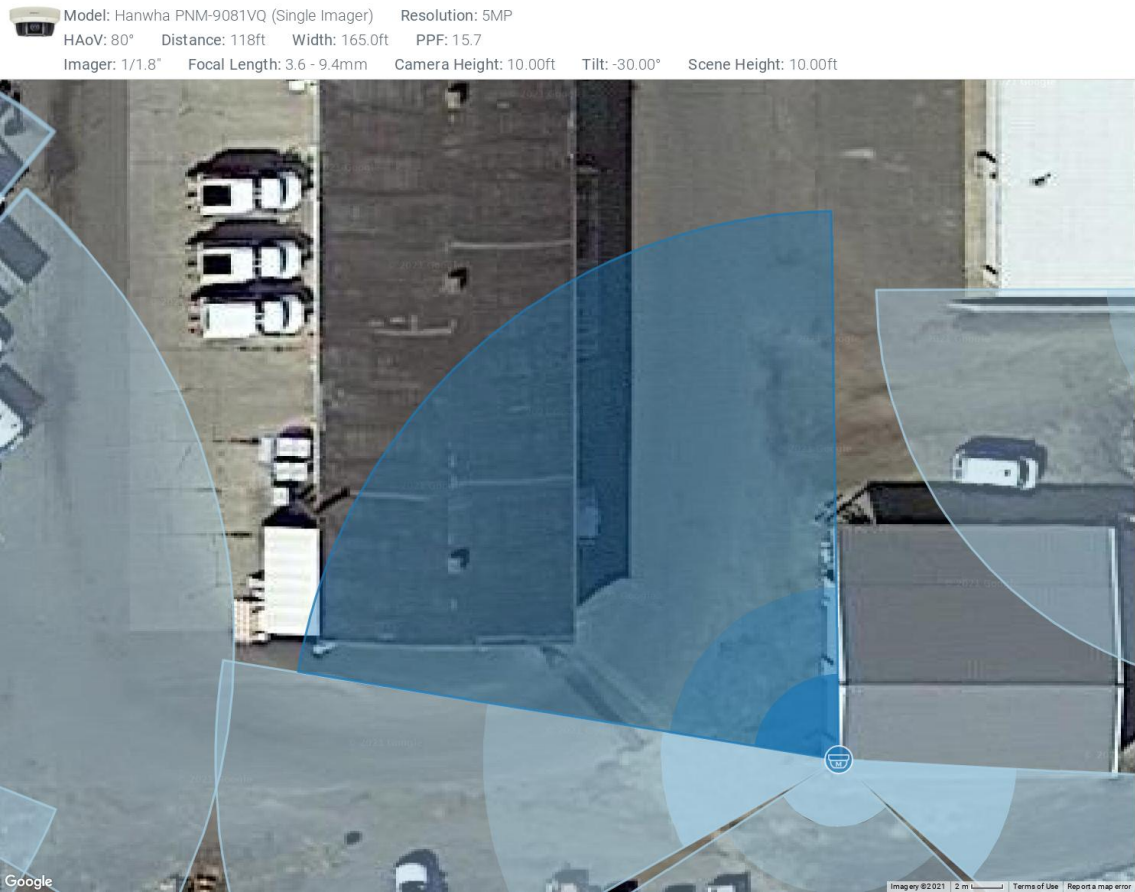
19.0 ppf
98 ft
Away



Warning: results may vary depending on light and camera

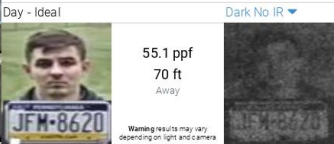
IPVM

Camera 6: Imager 1



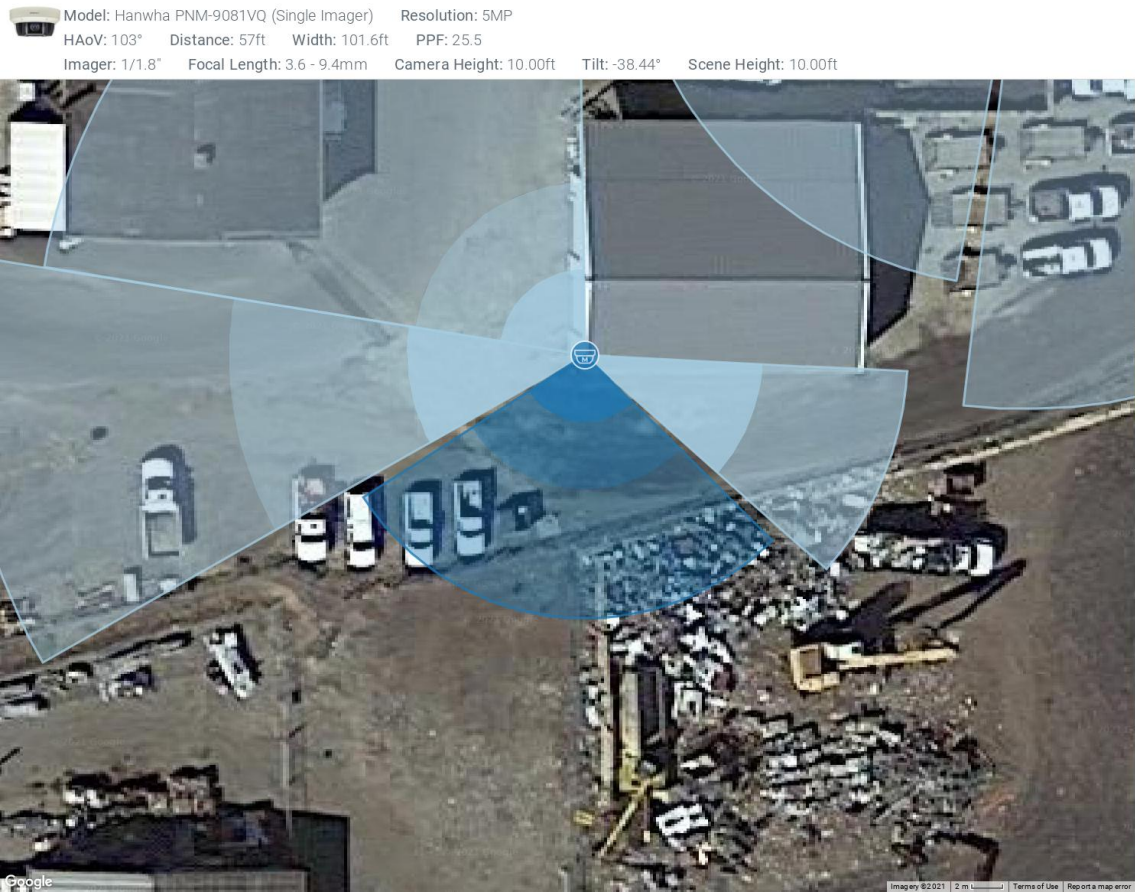
IPVM

Camera 6: Imager 2

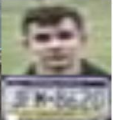


IPVM

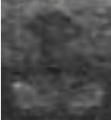
Camera 6: Imager 3



Day - Ideal Dark No IR



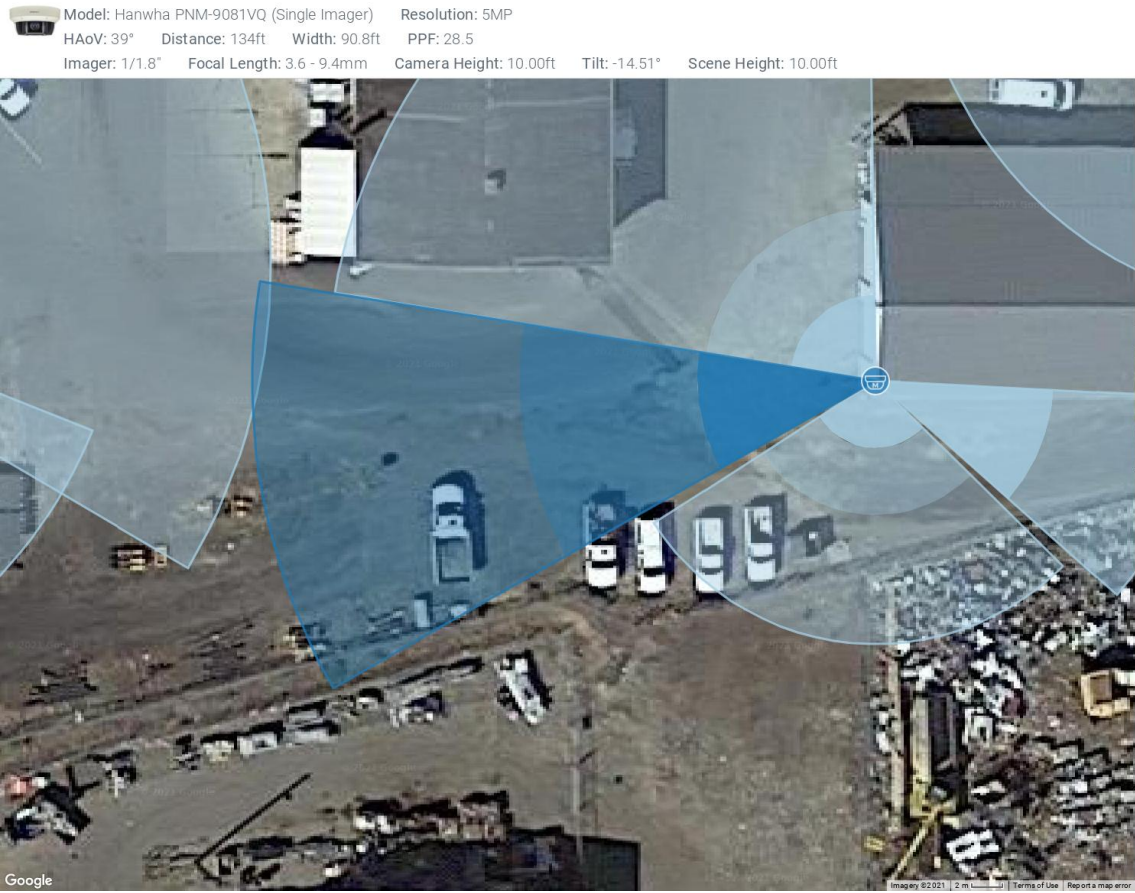
25.5 ppf
57 ft
Away



Warning: results may vary depending on light and camera

IPVM

Camera 6: Imager 4



Day - Ideal Dark No IR



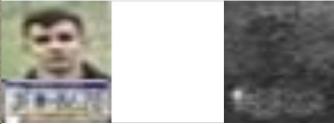
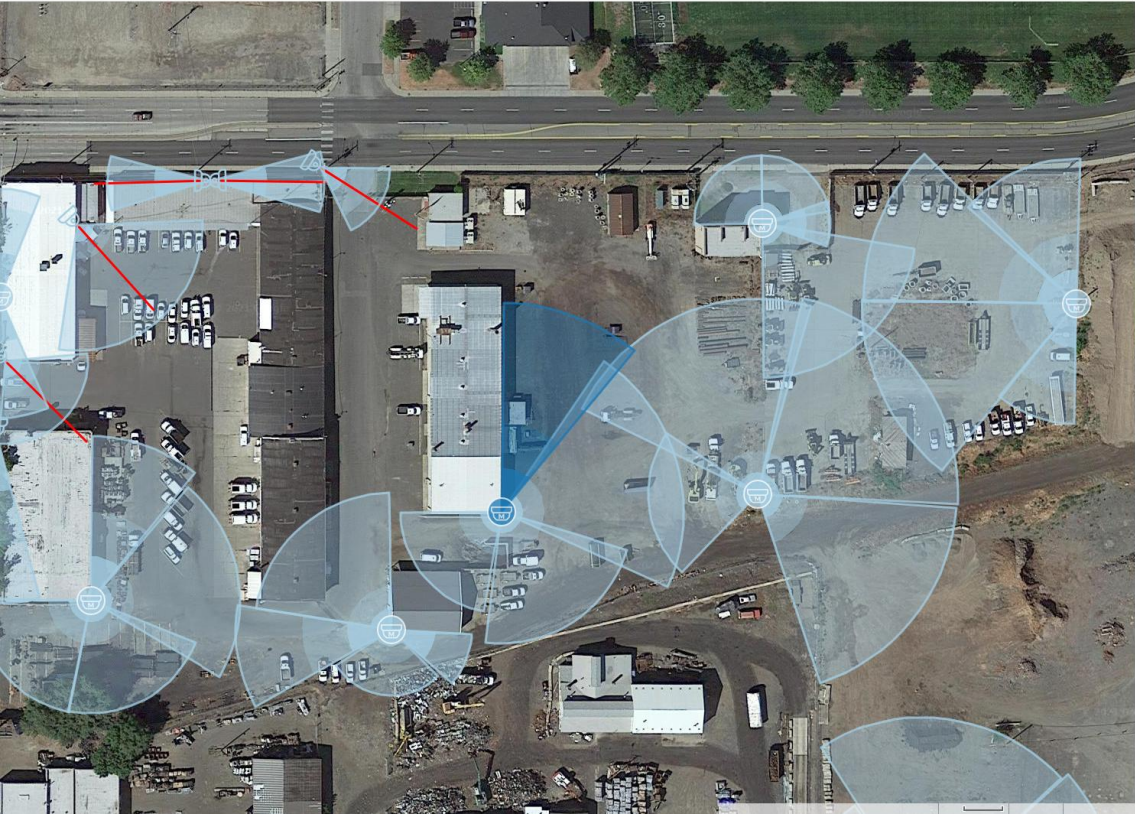
28.5 ppf
134 ft
Away



Warning: results may vary depending on light and camera

IPVM

Camera 7: Imager 1

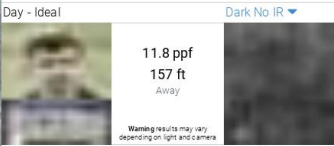
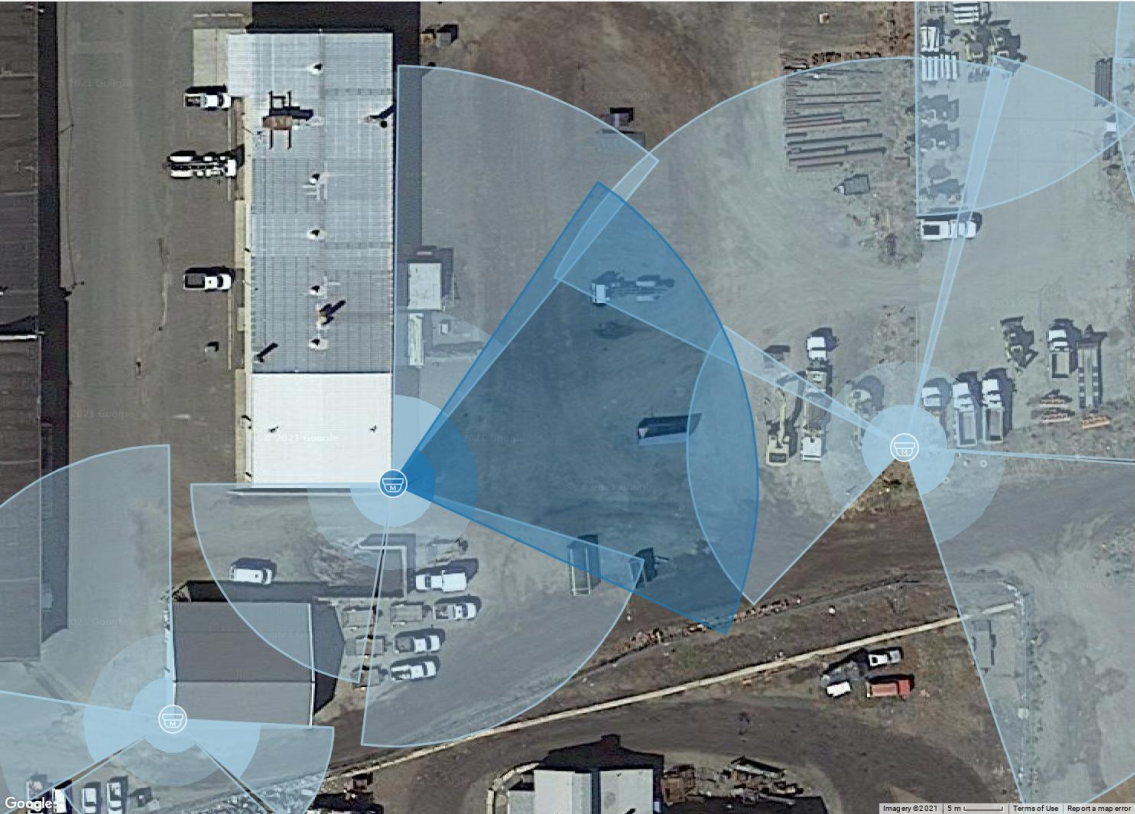


IPVM

Camera 7: Imager 2

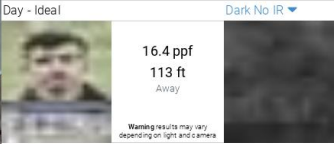


Model: Hanwha PNM-9081VQ (Single Imager) Resolution: 5MP
HxV: 80° Distance: 157ft Width: 219.8ft PPF: 11.8
Imager: 1/1.8" Focal Length: 3.6 - 9.4mm Camera Height: 10.00ft Tilt: -30.00° Scene Height: 10.00ft



IPVM

Camera 7: Imager 3



IPVM

Camera 7: Imager 4




IPVM

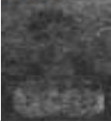
Camera 8: Imager 1



Day - Ideal Dark No IR



31.7 ppf
59 ft
Away




Warning: results may vary depending on light and camera

IPVM


Camera 8: Imager 2



Day - Ideal Dark No IR



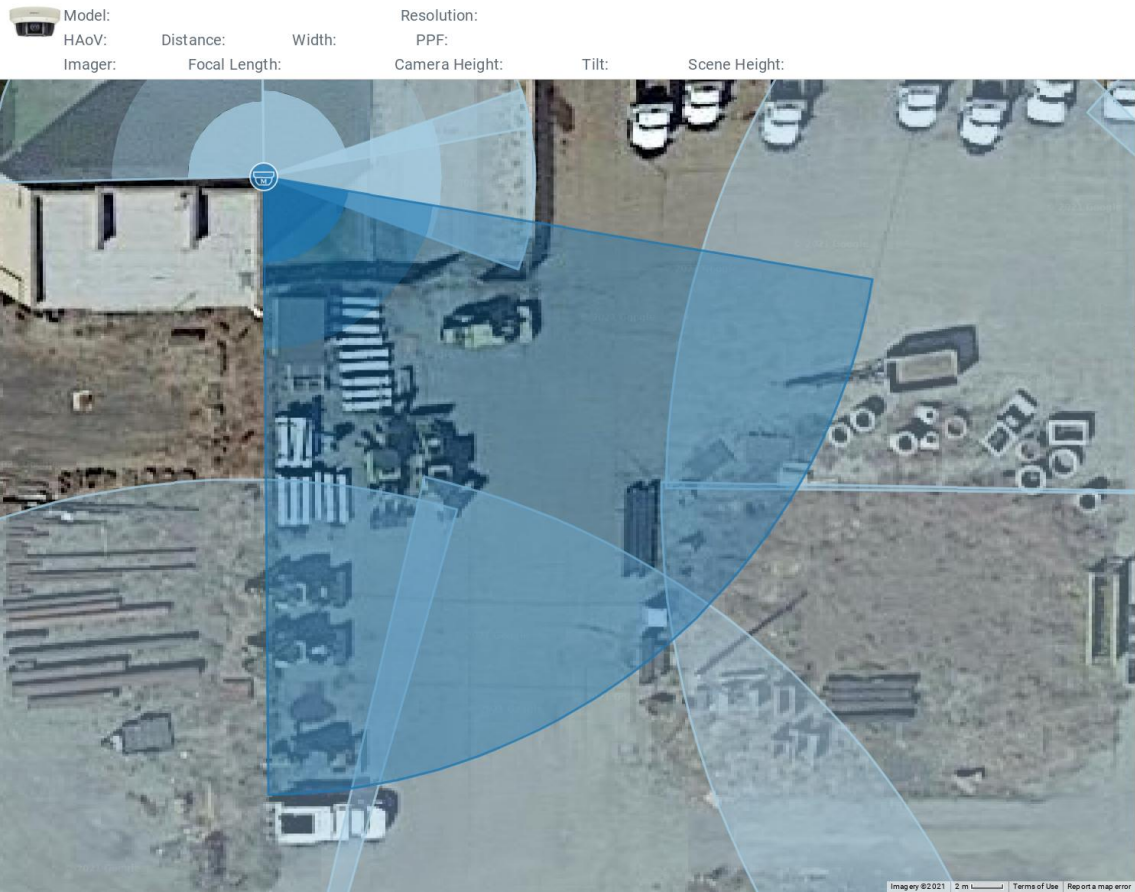
65.6 ppf
58 ft
Away



Warning: results may vary depending on light and camera

IPVM

Camera 8: Imager 3



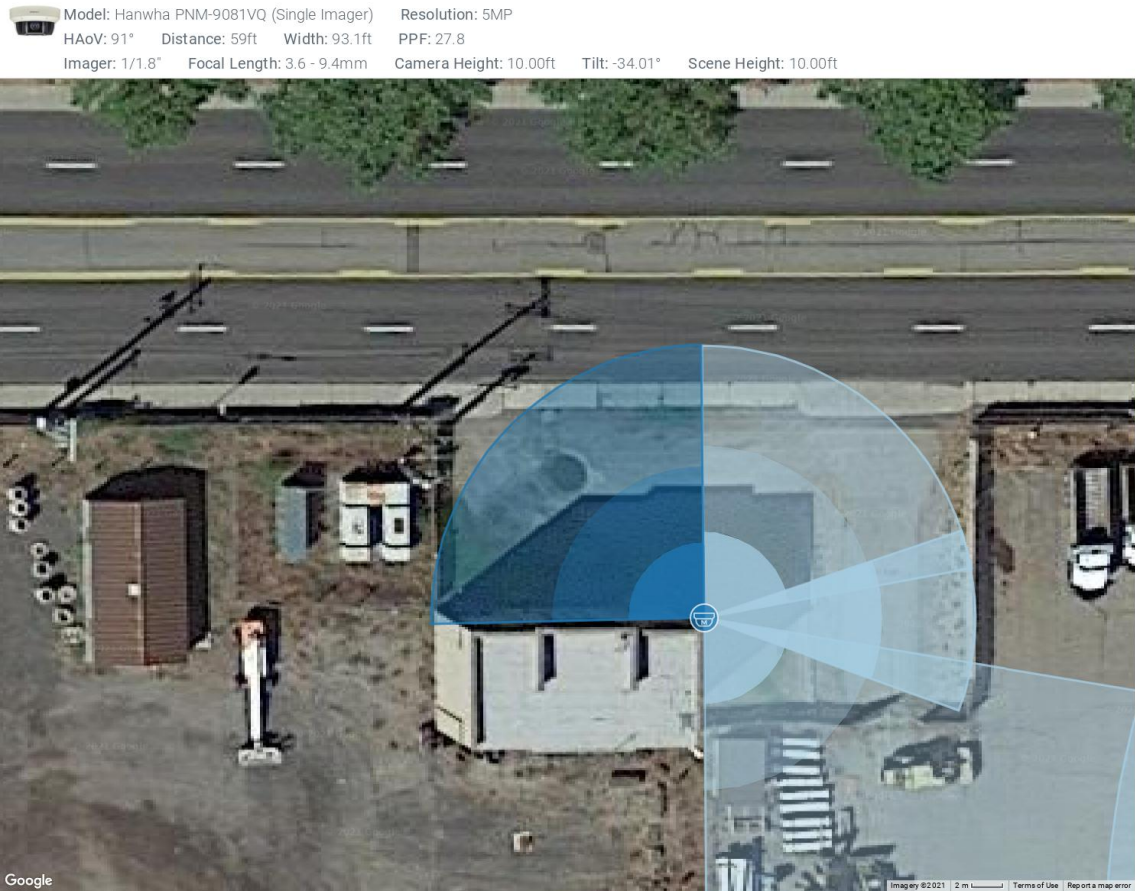


13.9 ppf
133 ft
Warning



IPVM

Camera 8: Imager 4





27.8 ppf
59 ft
Away

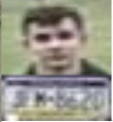


IPVM

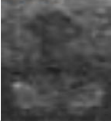
Camera 9: Imager 1



Day - Ideal Dark No IR



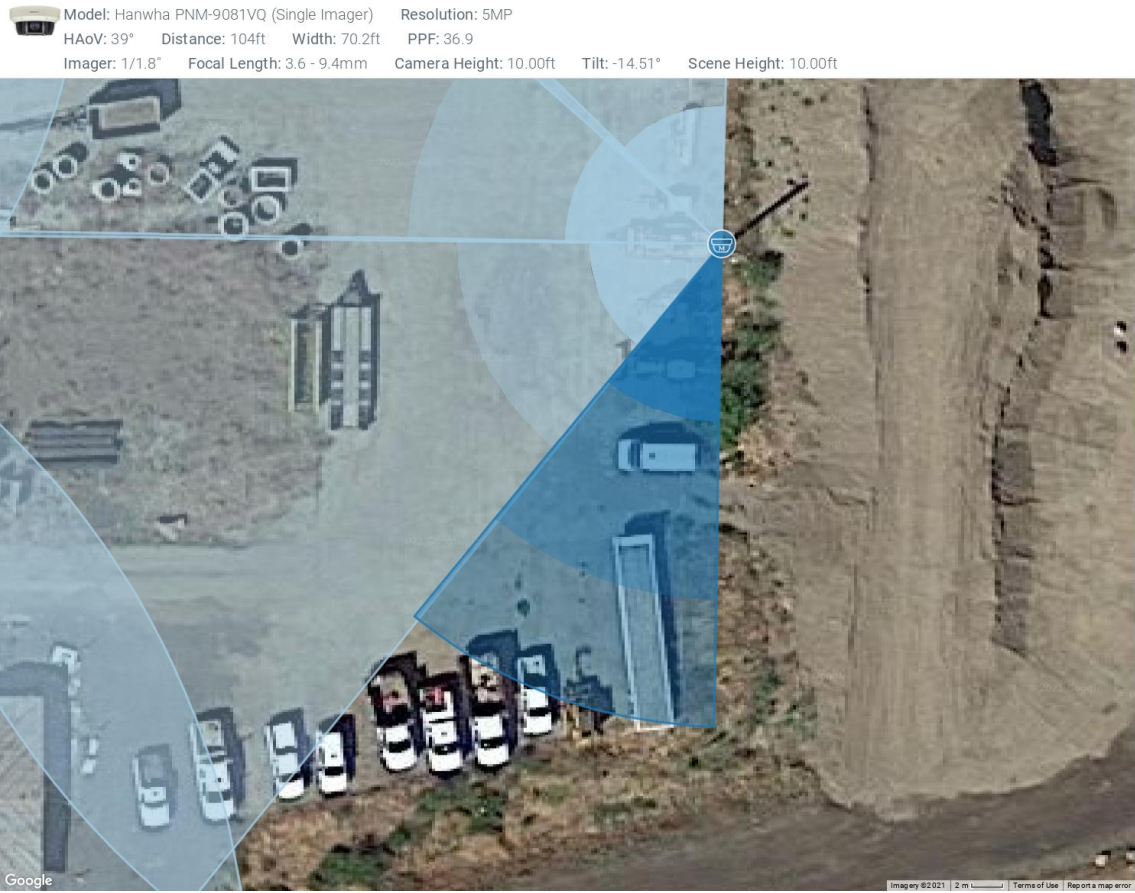
23.9 ppf
125 ft
Away




Warning: results may vary depending on light and camera

IPVM

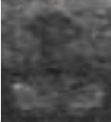
Camera 9: Imager 2



Day - Ideal Dark No IR



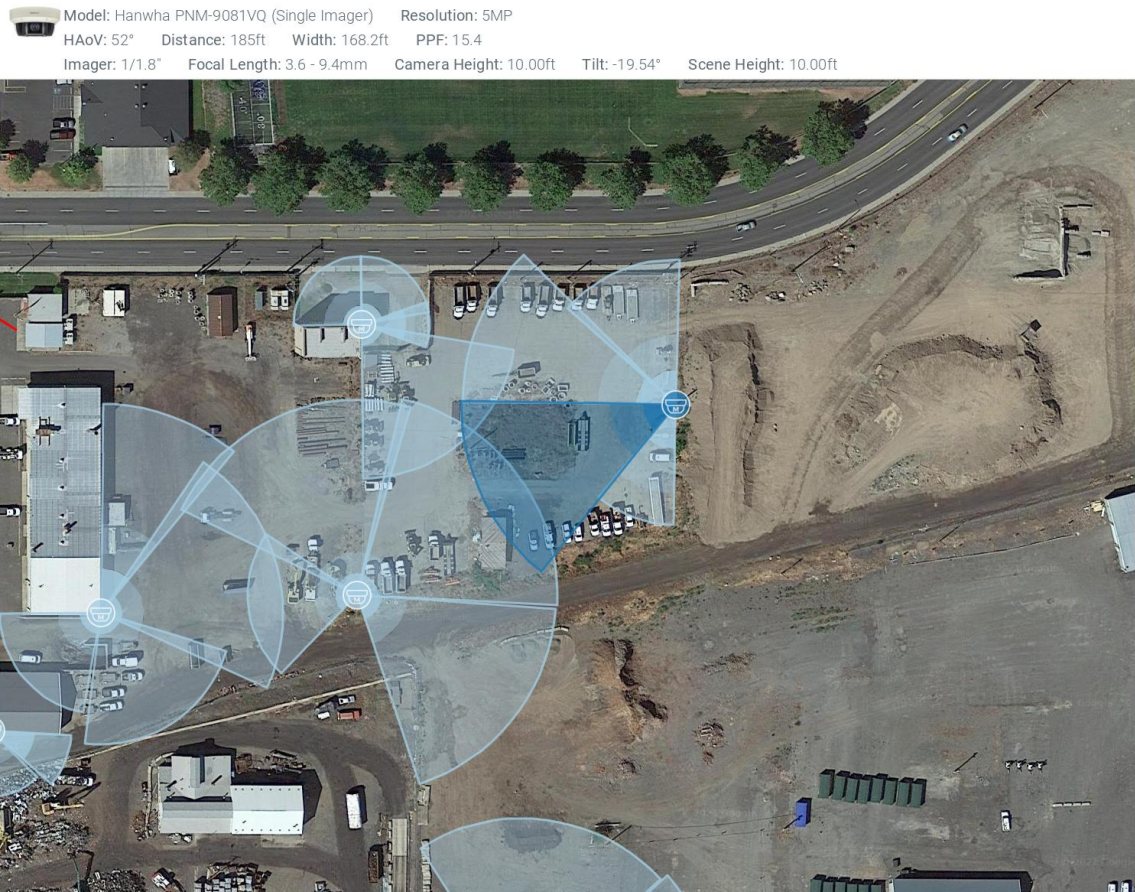
36.9 ppf
104 ft
Away



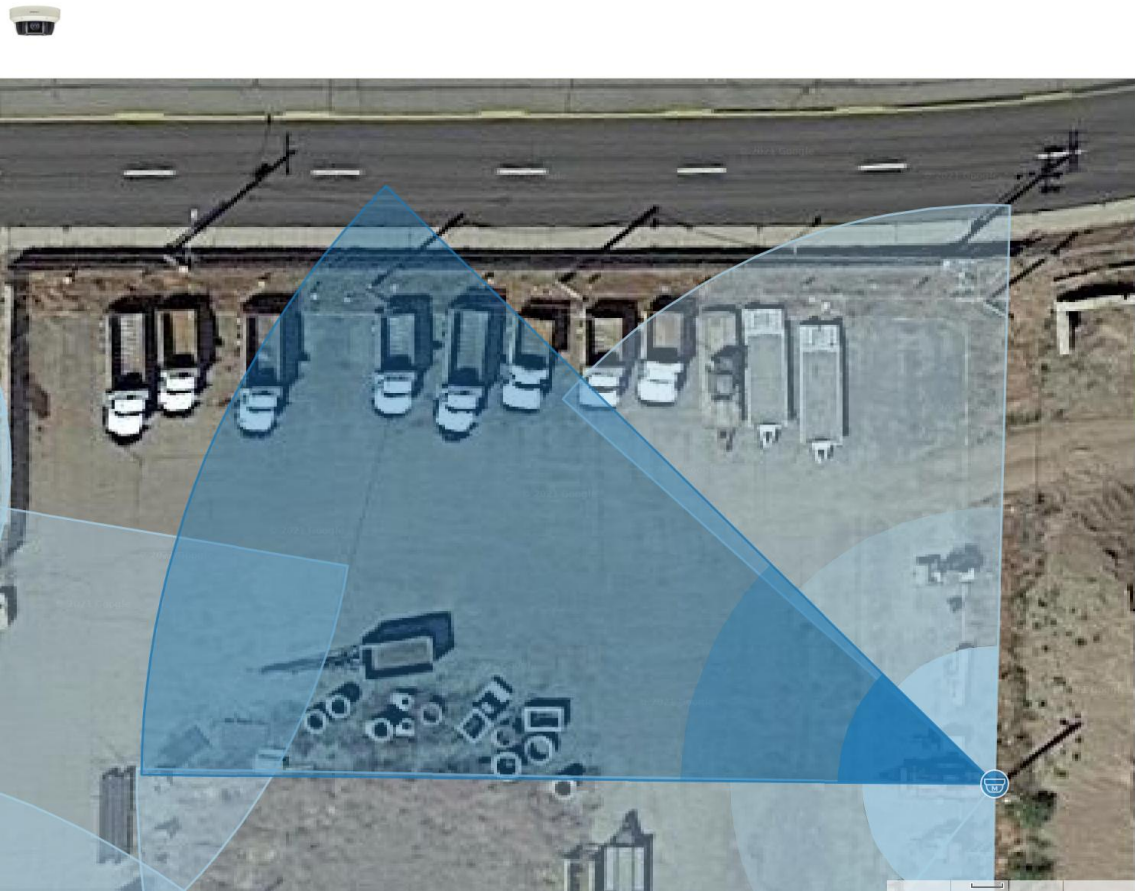
Warning: results may vary depending on light and camera

IPVM

Camera 9: Imager 3



Camera 9: Imager 4

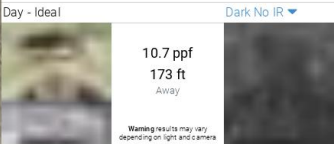


Camera 10: Imager 1



IPVM

Camera 10: Imager 2



IPVM

Camera 10: Imager 3



Model: Hanwha PNM-9081VQ (Single Imager)

Resolution: 5MP

HAoV: 68° Distance: 172ft Width: 202.6ft PPF: 12.8

Imager: 1/1.8" Focal Length: 3.6 - 9.4mm Camera Height: 10.00ft Tilt: -25.32° Scene Height: 10.00ft



Day - Ideal

Dark No IR



12.8 ppf
172 ft
Away



Warning: results may vary depending on light and camera

IPVM

Camera 10: Imager 4





Day - Ideal

Dark No IR



12.8 ppf
172 ft
Away

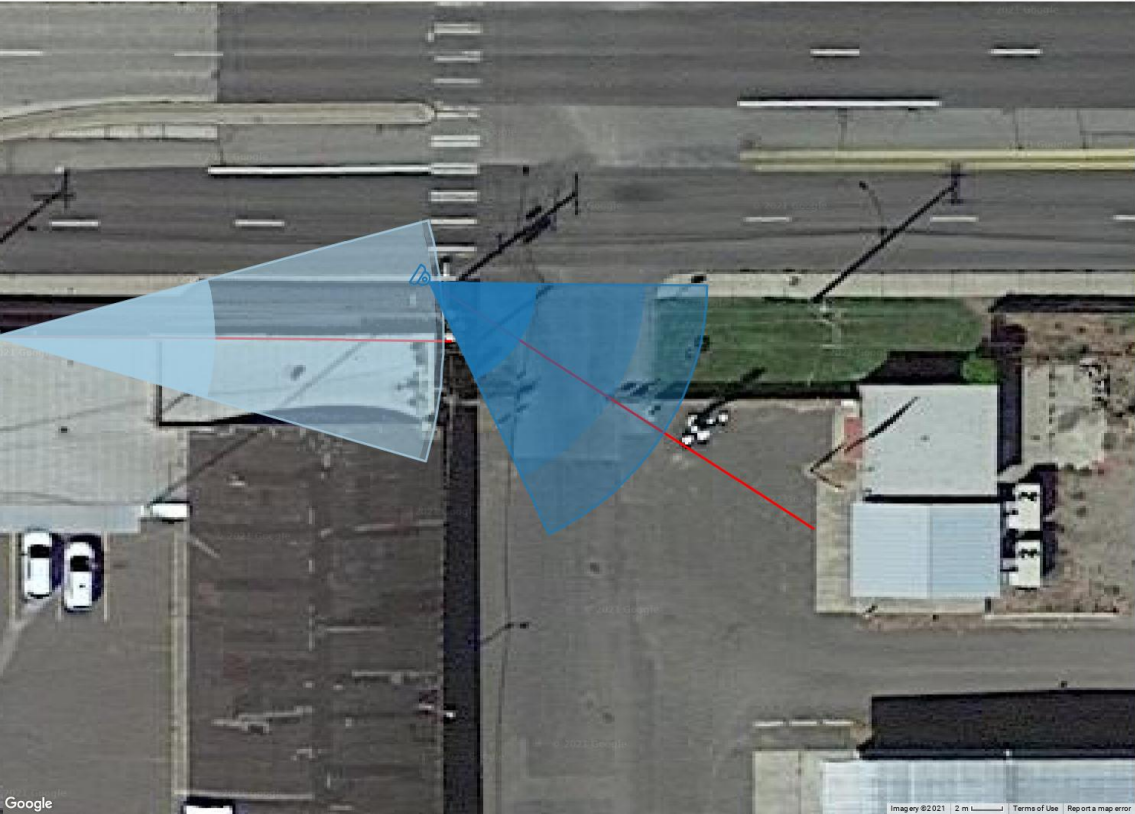


Warning: results may vary depending on light and camera

IPVM

Camera 11

Model: Hanwha QNV-8080R Resolution: 5MP
HAoV: 64° Distance: 60ft Width: 66.8ft PPF: 38.8
Imager: 1/2.8" Focal Length: 3.2 - 10mm Camera Height: 10.00ft Tilt: -23.94° Scene Height: 10.00ft



Day - Ideal

Dark With IR

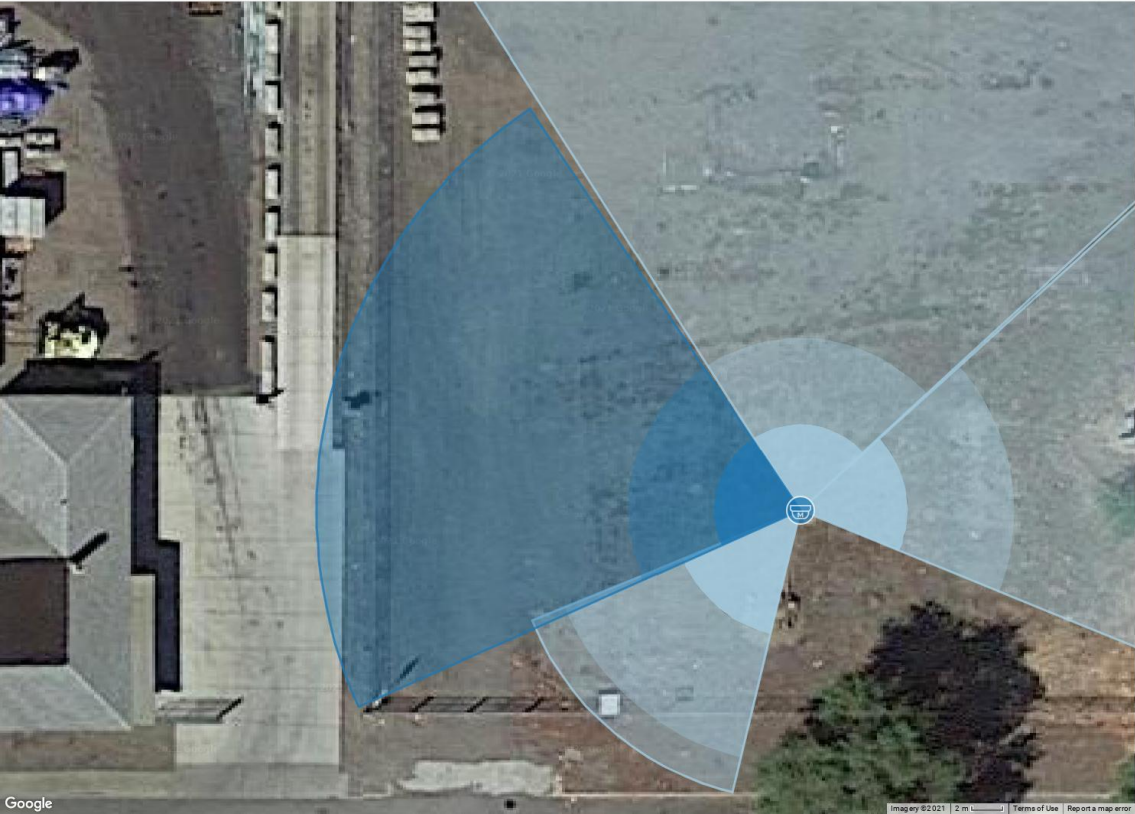
38.8 ppf
60 ft
Away

Warning: results may vary depending on light and camera

IPVM

Camera 12: Imager 1

Model: Hanwha PNM-9081VQ (Single Imager) Resolution: 5MP
HAoV: 80° Distance: 104ft Width: 145.6ft PPF: 17.8
Imager: 1/1.8" Focal Length: 3.6 - 9.4mm Camera Height: 10.00ft Tilt: -30.00° Scene Height: 10.00ft



Day - Ideal

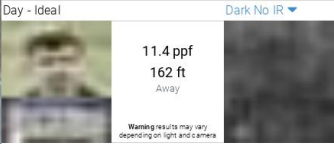
Dark No IR

17.8 ppf
104 ft
Away

Warning: results may vary depending on light and camera

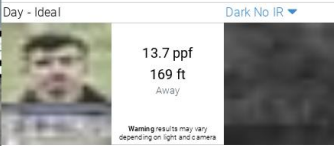
IPVM

Camera 12: Imager 2



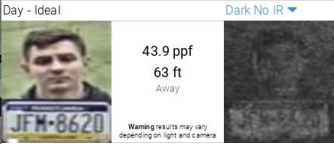
IPVM

Camera 12: Imager 3



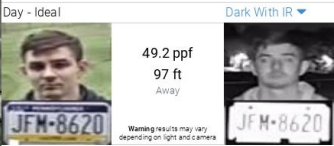
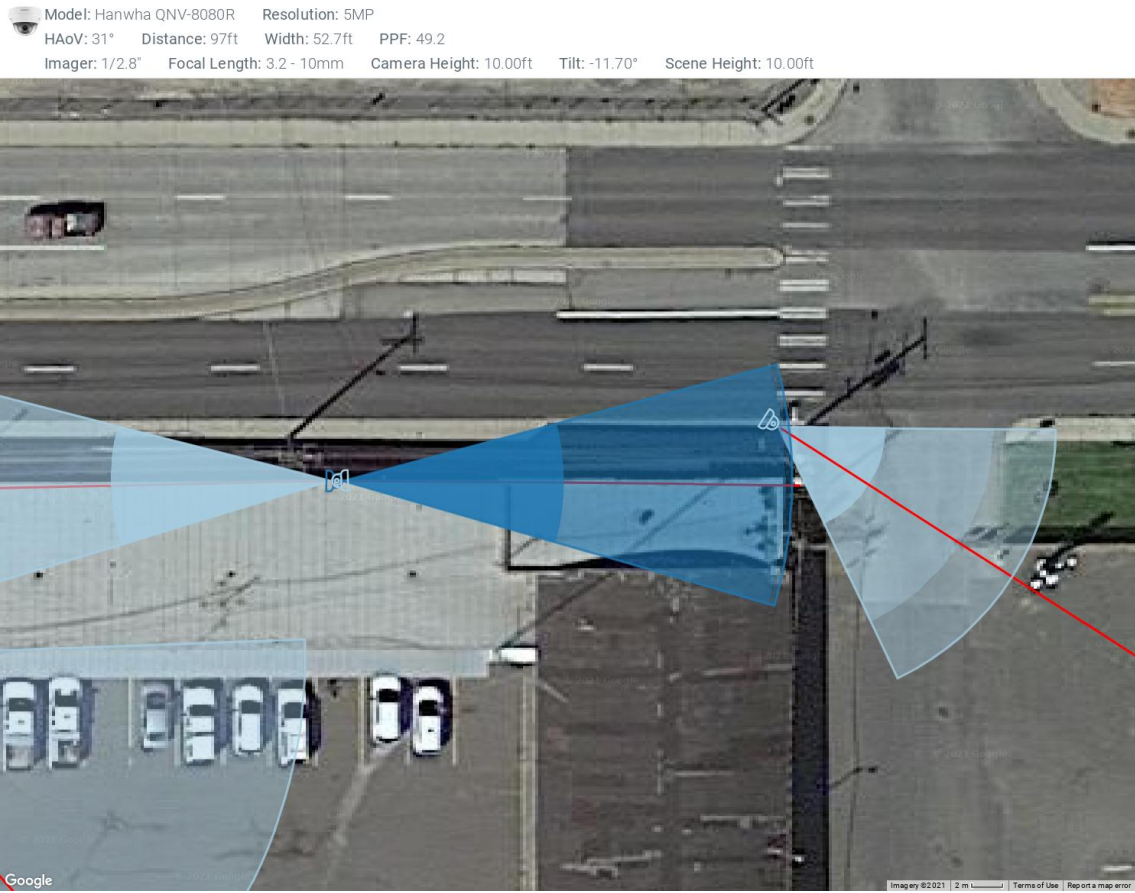
IPVM

Camera 12: Imager 4



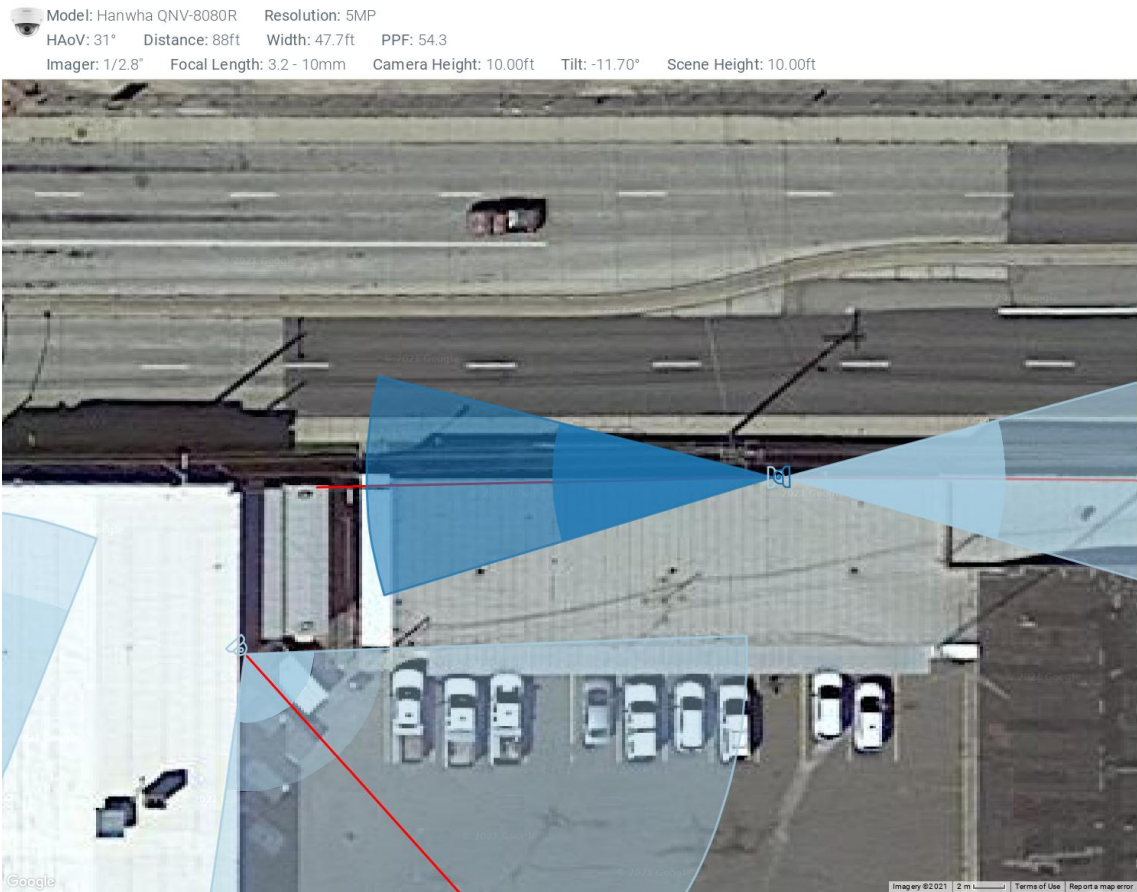
IPVM

Camera 13



IPVM

Camera 14



Day - Ideal Dark With IR

	54.3 ppf 88 ft Away	
<small>Warning: results may vary depending on light and camera</small>		

IPVM

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**WATER & HYDROELECTRIC
SERVICES**

914 E NORTHFOOTHILLS DR.
SPOKANE, WA 99207
(509) 625-7851

LOREN SEARL
WATER SUPERINTENDENT

TO: Spokane City Council Members

FROM: Loren Searl, Water Department Superintendent

DATE: August 16, 2021

SUBJECT: Request to Install Security Camera in Compliance with Spokane Municipal Code 18.04.040 and 18.04.060

SUMMARY: The Water Department and Engineering Services field office operates from a 12 acre parcel located on Northfoothills Dr. Most of our vehicles and over \$1,000,000 worth of inventory are stored outside. We have experienced a higher rate of loss in equipment and materials with high recycle value inventory items since the change to outdoor storage. We had a review conducted by Camtek Inc. which recommended a 14-camera system to cover the outdoor areas of the campus while restricting the view of areas outside of our boundaries.

We are respectfully requesting Council approval to acquire and mount fourteen security cameras within the Northfoothills campus. Camera live feeds would be viewed in our dispatch office which is staffed 24 hours a day, historical footage would be stored on a server for 10 days and be accessible to the Public Works ITSD staff as needed in the event that an incident occurs.

Thank you for your consideration.

DETAILED RESPONSE:

Chapter 18.04 Safeguards on the Use of Surveillance Equipment

Section 18.04.010 City Council Approval for Acquisition and Use of Surveillance Equipment; Operational and Data Management Protocols

1. A clear statement of the purpose and use of the proposed surveillance equipment;

The repurpose of the Northfoothills campus has led to an increase in loss of equipment and materials that are now stored outside. This camera system is intended to help reduce the loss to the city.

2. A simple and non-technical description of the type of surveillance equipment proposed to be acquired and used;

The cameras will be City standard equipment for outdoor use as specified by Camtek.

3. The intended specific location(s) of the proposed surveillance equipment if it is to be affixed to a building or other structure;

The cameras will be mounted on the exterior of buildings and light poles. Attached is the review conducted by Camtek which includes the location, camera views, and resolutions as recommended.

4. A narrative description of how and when the proposing department would use the surveillance equipment, such as whether the surveillance equipment will be operated continuously or used only under specific circumstances, and whether the surveillance equipment will be installed permanently or temporarily;

Live camera feeds will be viewed in our 24-hour dispatch office. The cameras will continuously record while there is movement detected but the footage will only be reviewed as needed in the event that an incident occurs.

5. A clear description of the actual or potential privacy and anonymity rights affected (if any) and a plan to minimize and mitigate the risk that the use of the surveillance equipment will infringe on personal privacy and anonymity, and to limit the risk of potential abuse;

The number of cameras used is because of the limited area that they will be allowed to view. The camera detection areas will be restricted to minimize the detection outside of our campus. Review of stored data will only be done in the event of an issue and restricted to IT personnel.

6. A clear description of how and when data will be collected and retained and who will have access to any data captured by the surveillance equipment;

The cameras will record on detection of movement until movement ceases. The recordings are retained on a 10-day cyclical rotation and automatically deleted. The Datacenter team, the Network team, and PW ITSD management will have the ability to review the footage.

7. A clear description of the extent to which activity will be monitored in real time as data is being captured and the extent to which monitoring of historically recorded information will occur;

Real time activity will be displayed on a single monitor in the dispatch office. Although not actively watched it will be available to see activity in the campus. Historical recordings will only be reviewed when an incident occurs in order to determine the cause of the incident.

Section 18.04.020 Data Management Protocols for Surveillance Equipment

1. The retention period for which any data collected by surveillance equipment;

Recordings are deleted/overwritten within 10 days.

2. The methods for storing recorded information, including how the data is to be labeled or indexed, so as to allow department personnel to readily search and locate specific data that is collected and determine with certainty that data was properly deleted, consistent with applicable law;

The data is stored per camera on the server's internal storage for a period of 10 days after which it is cyclically overwritten. The data is marked chronologically and can be reviewed chronologically via the system software.

3. How the data may be accessed, including who will be responsible for authorizing access, who will be allowed to request access, and acceptable reasons for requesting access;

The recorded data will be viewed from the system console or client software. PWITSD will be responsible for authorizing access to the recorded data. Only PWITSD management, the Network team and the Datacenter team will be allowed to request access and that access will be limited to adding new staff members of the Datacenter, Network, and PWITSD.

4. A viewer's log or other comparable method to track viewings of any data captured or collected by the surveillance equipment, including the date, time, the individuals involved, and the reason(s) for viewing the records;

The system audit log records and retains all user activity within the system for 30 days including who accessed the footage, what footage was accessed, time accessed, etc.

5. A description of the individuals who have authority to obtain copies of the records and how the existence and location of copies will be tracked;

PWITSD management, the Network team and the Datacenter team will have authority to obtain copies. The copies will be stored on the system's internal storage that can only be accessed by same.

6. A general description of the system that will be used to store the data; and

The cameras will record footage to the central server that controls the City's security cameras.

7. A description of the unit or individuals responsible for ensuring compliance with SMC 18.04.020 and when and how compliance audits will be conducted.

PWITSD management, the Network team and the Datacenter team will be responsible for compliance with audits conducted by either asset management or the security team.

Briefing Paper

Public Infrastructure, Environment, and Sustainability Committee

Division & Department:	Community and Economic Development — Planning Services
Subject:	Application for Housing Action Plan and Implementation (HAPI) Grant for \$100,000 from WA Commerce
Date:	September 16, 2021
Author (email & phone):	Amanda Beck; abeck@spokanecity.org ; x6414
City Council Sponsor:	CM Kinnear
Executive Sponsor:	
Committee(s) Impacted:	PIES, Urban Experience
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	RCW 36.70A.600, Shaping Spokane Comprehensive Plan Chapter 6 and 3, Spokane Housing Action Plan.
Strategic Initiative:	Urban Experience - Housing.
Deadline:	October 7, 2021
Outcome:	HAPI Grant application deadline is October 7, 2021. If awarded, all grant funds must be spent and deliverables completed by June 15, 2023.
<p><u>Background and History:</u></p> <p>WA Commerce has announced the availability of 2021-2023 Housing Grants, Housing Action Plan and Implementation (HAPI) and Transit-Oriented Development Implementation (TODI). Deadlines for the grants are October 7, 2021 with HAPI grant awards announced by October 28, 2021. GMA planning jurisdictions may apply for the HAPI grant for up to \$100,000, with final deliverables due by June 15, 2023.</p> <p>The HAPI grant aims to encourage planning for and construction of additional affordable and market rate housing in a greater variety of housing types at prices that are accessible to a variety of incomes. Grant scope of work and deliverables must focus on implementation of strategies in adopted HAPs. The City's Housing Action Plan was adopted on July 26, 2021 (RES 2021-0062). The City's grant application focuses on implementing the following HAP strategies, which have been selected because they are compliant with current Comprehensive Plan guidance:</p> <ul style="list-style-type: none"> • A1 - Explore and expand allowed housing types to encourage missing middle housing throughout Spokane's neighborhoods; • A3 - Continue to streamline and simplify changes to the City's permit process, as necessary; and • A5 - Revise Accessory Dwelling Unit standards to allow for additional flexibility. 	
<p><u>Executive Summary:</u></p> <p>If the City is a successful grant recipient of the WA Commerce Housing Action Plan Implementation (HAPI) Grant, the funds will be used to seek consultant assistance supporting the adoption of Unified Development Code amendments.</p>	
<p><u>Budget Impact:</u></p> <p>Approved in current year budget? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Other budget impacts:</p>	
<p><u>Operations Impact:</u></p> <p>Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Specify changes required:</p> <p>Known challenges/barriers:</p>	

HAPI Grant Application Criteria and Scoring Method

The intent of this grant program is to encourage planning for and construction of additional affordable and market rate housing in a greater variety of housing types and at prices that are accessible to a greater variety of incomes. This grant opportunity is prioritized in statute for cities with populations over 20,000.

- Cities are especially encouraged to increase residential building capacity in areas that have supportive transportation and utility infrastructure, and are served with frequent transit service.
- Cities are also encouraged to prioritize the creation of affordable, inclusive neighborhoods and to consider the risk of residential displacement, particularly in neighborhoods with communities at high risk of displacement.

Summary of Criteria	Points
Readiness to Proceed	20 points
Local Commitment to the Project	10 points
Potential Impact	40 points
Local or Regional Need	20 points
Other Legislative Direction	10 points
Total	100 points

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Community and Economic Development, Planning Services
Subject:	Application for Transit-Oriented Development Implementation (TODI) Grant for \$250,000 from WA Dept of Commerce
Date:	September 13, 2021
Author (email & phone):	Maren Murphy, mmurphy@spokanecity.org
City Council Sponsor:	CM Cathcart
Executive Sponsor:	
Committee(s) Impacted:	Urban Experience & Public Infrastructure, Environment and Sustainability
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	<ul style="list-style-type: none"> Comprehensive Plan, Chapter 3 Land Use, Chapter 4 Transportation, Chapter 6 Housing - https://my.spokanecity.org/shapingspokane/comprehensive-plan/ Housing Action Plan - https://my.spokanecity.org/housing/spokane-housing-action-plan/
Strategic Initiative:	Increase housing quality and diversity, develop Spokane's transportation advantages
Deadline:	The WA Commerce Transit-Oriented Development Implementation (TODI) Grant application deadline is October 7, 2021. If awarded, all funds this grant must be spent and reimbursements must be requested by June 30, 2023.
Outcome: (deliverables, delivery duties, milestones to meet)	Planning Services staff is working on the TODI grant application for \$250,000 to develop a subarea plan and conduct environmental analyses that facilitates TOD and high-density residential development along The City Line in the University District and adjacent to the Hamilton Street Corridor.
Background/History: <p>The 2021 Legislature appropriated \$2.5 million in capital funds to the WA Commerce for a new grant program available to cities. The focus of the funds is to facilitate transit-oriented development (TOD) that leverages investments in high-capacity transit systems and plans for high-density residential development near transit. Grants of up to \$250,000 will be awarded, with the potential for the full amount of funding for jurisdictions that maximize legislative policy objectives such as leveraging quality transit service, increasing housing capacity and supporting affordability.</p> <p>The City Line is Spokane's first ever bus rapid transit (BRT) line, and is currently under construction by STA with service expected to begin in 2022. City Line combines frequency and efficiency in a modern streetcar-like experience. The six-mile route between Spokane's historic Browne's Addition and Spokane Community College will connect through downtown and the University District, including Gonzaga University. STA is supportive of the City's application for the TODI grant.</p>	
Grant Overview: <ul style="list-style-type: none"> Eligible activities for the TODI grant include preparation of state environmental policy act (SEPA) environmental impact statements, planned action ordinances, subarea plans, costs associated with the use of other tools under SEPA, and costs of local code adoption and implementation of such efforts. Grant awards may only fund efforts that address environmental impacts and consequences, alternatives and mitigation measures in sufficient detail to allow the analysis to be adopted in whole or in part by applicants for development permits within the geographic area analyzed in the plan. The City is considering the urban infill exemption or planned action EIS. The process will include early and continuous community engagement with property owners, agency partners, key institutional and organizational stakeholders, businesses, and residents. Using criteria set out by the Legislature, Commerce will prioritize applications that maximize the certain policy objectives in the area covered by the proposal (see attached table). The TODI grant is a competitive 	

<p>grant, and applications are scored based on the responses to questions. After scoring, the applications are ranked by total points, which will assist in determining the grant funding and any adjustments needed.</p> <ul style="list-style-type: none"> If the grant is awarded, the grant contract will return to Council for authorization.
<p>Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.) <i>Grants funds from WA Commerce, no match required. Staff time will be required.</i></p>
<p>Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:</p>

TODI Grant Application Criteria and Scoring Method

Summary of Criteria	Points
a) The total number of housing units authorized for new development [above what is currently allowed by the city]	20 points
b) The proximity and quality of transit access in the area	20 points
c) Plans that authorize up to six stories of building height	5 points
d) Plans that authorize ground floor retail with housing above	5 points
e) Plans in areas that minimize or eliminate on-site parking requirements	15 points
f) Existence or establishment of incentive zoning, mandatory affordability, or other tools to promote low-income housing in the area	15 points
g) Plans that include dedicated policies to support public or nonprofit funded low-income or workforce housing	15 points
h) Plans designed to maximize and increase the variety of allowable housing types and expected sale or rental rates	10 points
i) Readiness to Proceed	20 points
j) Local Commitment to the Project	10 points
k) Explain SEPA Components	15 points
Total	150 points

Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	Link-Utilities Strategy for Spokane's Water System
Date:	09/27/2021
Author (email & phone):	mdavis@spokanecity.org 570-4162
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Capital Facility Plans for Utilities as part of the City's Comprehensive Plan and 2023 Water System Plan Update
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones)	Approval of consultant contract with GHD
<p>Background/History: The goal for the Strategy is to develop a plan for the City of Spokane's Water System that will meet all the demands for the next 20 years and to create a sustainable, resilient, and affordable future that is endorsed by key stakeholders. Developing a strategy for balancing the needs at existing facilities and planning for future needs (due to growth, conservation and regulations) is important. This strategy will prioritize water system investments for the 20-year Capital Facilities Plan and provide a framework that is compatible for implementation across Spokane's water utilities (e.g., water, wastewater, stormwater, and integrated water management). The final outcome of this project will be to update the 20-year Facilities Plan for both water and to recommend revisions and upgrades to the Design Standards and the Spokane Municipal Code.</p>	
<p>Executive Summary:</p> <ul style="list-style-type: none"> A consultant will be selected using the City's procurement process to complete the Link-Utility Strategy for Water. The work is scheduled to begin in October 2021 and to be completed by the end of 2023 The total cost of \$592,646 includes \$107,451 of optional work that may be necessary to complete this work. 	
<p>Budget Impact:</p> <p>Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If new, specify funding source:</p> <p>Other budget impacts: (revenue generating, match requirements, etc.)</p>	
<p>Operations Impact:</p> <p>Consistent with current operations/policy? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A</p> <p>Requires change in current operations/policy? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A</p> <p>Specify changes required:</p> <p>Known challenges/barriers:</p>	

Briefing Paper

PIES

Division & Department:	Engineering Services
Subject:	PMWeb Contract Amendment
Date:	September 14, 2021
Contact (email & phone):	Kyle Twohig ktwohig@spokanecity.org 625-6152
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Budget
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Continuation of professional services for Engineering and ICM. Agreement to be forwarded for Council approval.
Background/History: <ul style="list-style-type: none"> The PMWeb, Inc contract provides Capital Project Management software. PMWeb is a SaaS (Software as a Service) solution that is hosted and maintained by PMWeb. This contract (OPR 2019-0457) was approved July, 2019 and renewed July, 2020. 	
Executive Summary: <ul style="list-style-type: none"> Amendment to the contract (OPR 2019-0457) with PMWeb, Inc for Professional Services and Support of the City's capital project management software Requesting \$23,125.00 for the term of July 1, 2020 – June 30, 2021. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Revenue from County Participation Other budget impacts: Revenue from County will offset City costs	
Operations Impact: Consistent with current operations/policy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment, and Sustainability Committee

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	Engineering Consultant Contract for On-Call Sewer Model Support Amendment
Date:	09/01/21
Author (email & phone):	bfredrickson@spokanecity.org & 625-6008
City Council Sponsor:	CP Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	Public Infrastructure, Environment, and Sustainability
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Capital Facilities Plan update for the City's Comprehensive Plan
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Approval of continued work within contract with Jacobs
Background/History: As part of the 20-year capital facility update for sewer, the existing sewer model needs to be extended and updated. The model, is used to estimate sewer requirements for future growth and identify system vulnerabilities and deficits. During the initial work to calibrate the model, it became apparent that additional work would be needed to ensure the model accurately captures the complexities of the actual system. While the original contract amount (\$150,000) helped identify the additional calibration issues, the amended contract amount being sought (\$250,000) will fund and address the issues in completing the needed of calibration work. The City's sewer model is not functional without complete calibration.	
Executive Summary: <ul style="list-style-type: none"> <i>The contract will be amended for an additional \$250,000 to complete this work.</i> <i>Finish calibration model effort and additional facility needs.</i> <i>Work will continue on this contract and the expiration will be extended until December 2022.</i> 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	Utility Construction Agreement Amendment: WSDOT
Date:	09/27/21
Author (email & phone):	Kpicanco@spokanecity.org
City Council Sponsor:	Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment:	
Strategic Initiative:	Innovative Infrastructure
Deadline:	none
Outcome:	Amendment approval so the City can be reimbursed
<p><u>Background/History:</u> This Amendment to the Utility Construction Agreement is for reimbursement of fees to the City of Spokane for work done in conjunction with the SR902/Geiger Roundabout - Water Relocation (OPR 2019-0168).</p> <p>WSDOT is improving the I-90/SR 902 interchange and adjacent Geiger Blvd./SR 902 intersection to provide additional roadway capacity needed to accommodate development and traffic growth along Geiger Blvd. and near the Medical Lake Interchange. WSDOT will reimburse the City \$716,605 for construction of water transmission main stub-outs and relocation of an existing blow-off valve near the Geiger Blvd./SR902 intersection. Includes additional items to be installed under the amendment.</p>	
<p><u>Executive Summary:</u></p> <ul style="list-style-type: none"> • <i>An amendment to an existing utility Construction Agreement is needed to allow the City to be reimbursed for construction of a water transmission main that WSDOT's project needed to have constructed as part of their project.</i> • <i>The amendment will reimburse the City \$716,605 for construction of water transmission main stub-outs and relocation of an existing blow-off valve near the Geiger Blvd./SR902 intersection.</i> • <i>This amendment also included minor additional items to be installed and the City reimbursed.</i> 	
<p><u>Budget Impact:</u></p> <p>Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If new, specify funding source:</p> <p>Other budget impacts: (revenue generating, match requirements, etc.)</p>	
<p><u>Operations Impact:</u></p> <p>Consistent with current operations/policy? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Requires change in current operations/policy? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Specify changes required:</p> <p>Known challenges/barriers:</p>	

Briefing Paper Study Session

Division & Department:	Public Works, Wastewater Dept.
Subject:	TAPE Program Water Quality Grant Funding Consent Request
Date:	9/16/2021
Author (email & phone):	Trey George jgeorge@spokanecity.org 625-7908
City Council Sponsor:	Breann Beggs
Executive Sponsor:	Marlene Feist
Committee(s) Impacted:	
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	WA Ecology TAPE Program WA Ecology Water Quality Funding Guidelines
Strategic Initiative:	Environmental Compliance
Deadline:	October 15, 2021
Outcome: (deliverables, delivery duties, milestones to meet)	Submit SFAP Grant application to Ecology

Executive Summary:

The Washington State Department of Ecology administers the Emerging Stormwater Treatment Technologies (TAPE) program where emerging stormwater treatment technologies are reviewed and certified by the Washington state Technology Assessment Protocol. Approval for a TAPE study allows the technology to be used and approved for stormwater treatment. The Washington State Department of Ecology also offers the Stormwater Financial Assistance Program (SFAP) water quality grant for activities have been proven effective at reducing impacts from existing urban infrastructure and development.

A project study to satisfy TAPE requirements is proposed to study the treatment efficacy of swales with engineered soils, but no vegetative cover for the removal of aqueous metals and nutrients such as phosphorous. The focus of the proposed study is to evaluate the effectiveness of the two engineered soils to determine if they can achieve the TAPE treatment performance criteria without vegetation. Results from this study will be used to support the development of a modified bioretention best management practice that is approved for general use for stormwater treatment. Implementation of this technology as an approved stormwater treatment method will allow stormwater facilities to eliminate turf grass as a surface treatment.

An SFAP water quality grant application will be submitted for award of the TAPE study cost. If awarded, the SFAP water quality grant funds will be used to fund 75% of the cost, with a 25% match requirement. The match requirement will be split 3 ways between City of Spokane, Spokane County, and City of Spokane Valley. This briefing is requesting consent to apply for the SFAP water quality grant as the lead entity of the study.

Budget Impact:

Approved in current year budget? ☐ Yes ☒ No

Annual/Reoccurring expenditure? ☐ Yes ☒ No

If new, specify funding source: SFAP water quality grant

Other budget impacts: (revenue generating, match requirements, etc.) Match requirement of 32k (1/3 of 97k).

Operations Impact:

Consistent with current operations/policy? ☒ Yes ☐ No

Requires change in current operations/policy? ☐ Yes ☒ No

Specify changes required: none