CITY OF TROUTDALE

"Gateway to the Columbia River Gorge"

AGENDA

CITY COUNCIL – REGULAR MEETING

Troutdale City Hall - Council Chambers
219 E. Historic Columbia River Hwy. (Lower Level, Rear Entrance)
Troutdale, OR 97060-2078

Tuesday, March 22, 2016 – 7:00PM

Mayor
Doug Daoust

City Council
David Ripma
Eric Anderson
Larry Morgan
Glenn White
Rich Allen
John Wilson

City Manager
Craig Ward

1. **PLEDGE OF ALLEGIANCE, ROLL CALL, AGENDA UPDATE.**

2. **CONSENT AGENDA:**
   2.1 MINUTES: November 10, 2015 Regular Meeting.
   2.2 RESOLUTION: A resolution declaring a vacancy on the City Council and selecting a new Councilor to fill the vacancy.

3. **PUBLIC COMMENT:** Public comment is limited to comments on non-agenda items. *Remarks shall be limited to 5 minutes for each speaker unless a different time is allowed by the Mayor. The Mayor and Council should avoid immediate and protracted response to citizen comments.*

4. **RESOLUTION:** A resolution adopting the Public Works Department Capital Improvement Plan, rescinding Resolutions 1995 and 2225, and rescinding the Parks Capital Improvement Plan adopted by Resolution 1941.
   Travis Hultin, Chief Engineer

5. **RESOLUTION:** A resolution declaring the need to acquire right of way easement on property for the purpose of constructing street improvements for NW 257th Way.
   Ed Trompke, City Attorney

6. **STAFF COMMUNICATIONS**

7. **COUNCIL COMMUNICATIONS**

8. **ADJOURNMENT**

Doug Daoust

Doug Daoust, Mayor

Dated: 3/18/16

City Council Regular Meetings will be replayed on Comcast Cable Channel 30 and Frontier Communications Channel 38 on the weekend following the meeting - Saturday at 2:30pm and Sunday at 9:00pm.

Further information and copies of agenda packets are available at: Troutdale City Hall, 219 E. Historic Columbia River Hwy. Monday through Friday, 8:00 a.m. - 5:00 p.m.; on our Web Page www.troutdaleoregon.gov or call Debbie Stickney, City Recorder at 503-674-7237.

The meeting location is wheelchair accessible. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to: Debbie Stickney, City Recorder 503-674-7237.

DRAFT

MINUTES
Troutdale City Council – Regular Meeting
Troutdale City Hall – Council Chambers
219 E. Historic Columbia River Hwy.
Troutdale, OR 97060

Tuesday, November 10, 2015 – 7:00PM

1. PLEDGE OF ALLEGIANCE, ROLL CALL, AGENDA UPDATE.

Mayor Daoust called the meeting to order at 7:00pm.

PRESENT: Mayor Daoust, Councilor Ripma, Councilor Anderson, Councilor Morgan, Councilor White, Councilor Allen and Councilor Wilson.

ABSENT: None

STAFF: Craig Ward, City Manager by phone; Ed Trompke, City Attorney; Sarah Skroch, City Recorder; Amy Pepper, Civil Engineer; Erich Mueller, Finance Director.

GUESTS: See Attached List.

Mayor Daoust asks if there are any agenda updates.

Craig Ward responds there are no updates.

2. CONSENT AGENDA:
2.1 MINUTES: September 15, 2015, Work Session.

MOTION: Councilor Anderson moved to approve the Consent Agenda. Seconded by Councilor Wilson. The motion passed unanimously 7-0.

3. PUBLIC COMMENT: Public comment is limited to comments on non-agenda items.

Tanney Staffenson, Troutdale, Oregon, states I am here as the Chair of the Planning Commission this evening. We've been working on a project for quite some time which is updating the Development Code. Through this process we've actually been through 3 Planners, 3 Community Development Directors and it's taken a little longer than what we had anticipated. To this point we've held 17 work sessions and 12 public meetings. We are working through it but our hope was to have this in front of you before the end of the year and I'm disappointed to say that I don't believe we're going to make that deadline. We have another work session and then 2 public hearings before we come to you so it's probably going to be early 2016 before the Development Code comes before you.

4. PUBLIC HEARING / RESOLUTION: A Public Hearing and Resolution Declaring the Public Necessity to Construct Segments of the 40-Mile Loop Trail and Need to Acquire Real Property.

Ed Trompke states I am the Troutdale City Attorney and just for the record I'm stepping out of this due to a potential conflict that I have not yet resolved.

Erich Mueller, Finance Director, states as the Council has discussed these 3 particular parcels of property a couple times before. This is merely the next step in the long process. It is by no means the last step. It is necessary for the Council to find that acquiring these pieces of property are in the public interest as it would be for the Council. This is the paperwork needed to move down the process from the previous Council direction regarding these pieces of property. This is consistent with what was in the adopted Parks Master Plan from 2006. Enclosed is the appraisal related to the properties that occurred back in August. We are in the process of waiting for language from the attorney firm that will help us carry the ball on this particular process going forward. There are some court hearings a week from today that the new firm will handle on behalf of the City. This is not the last step just the next step, finding that it is in the public interest to acquire the properties. It is a public hearing tonight and I believe there is at least one property owner here tonight that wants to present some information. I would expect us all to take whatever information is provided and bring our new attorney up to speed with that additional information as we move forward into next week's legal proceedings.

Councilor Anderson states this is the first unveiling of this in the public sphere. Would it be incorrect of me to assume that we are doing this to prevent the construction of a billboard?

Erich Mueller responds I would say that that is not part of the public stated purpose. The public stated purpose is to acquire property that is part of the 40 Mile Loop Trail. Particular consequences may or may not result from that.

Councilor Anderson asks could the 40 Mile Loop go under the billboard?

Erich Mueller responds there are various approaches to the process. What we're doing tonight is moving forward. The parcels need to be acquired, how exactly they are improved, where exactly the trail is laid on those pieces of property is not by any means being determined tonight. How it's improved is a whole other discussion.

Councilor Morgan asks there is a billboard?

Erich Mueller responds one of the properties has a potential billboard being erected. There is not currently one as we sit here.

Councilor Wilson states the gentleman that owns this piece of property that is looking at putting up a billboard on his property has also stated that he would be willing to work with the City to donate property to us from his purchase. Have we looked into that?

Erich Mueller responds there have been numerous communications that have occurred prior to legal action being filed and subsequent to legal action being filed it's advised by legal counsel that communications occur through the attorney since both parties are represented. All this resolution does is establish that it's in the public interest to acquire the property. It doesn't prescribe that the property has to be acquired in any particular fashion. It gives the ability for the City to do it through a negotiated purchase, through what is referred to as a friendly condemnation or a less friendly. None of those options are precluded but if there isn't a public purpose to acquire the property there's no basis for us to acquire through any method. Whether we would reach a negotiated approach with one or more property owners, that remains to be seen. This resolution doesn't preclude doing that.

Councilor Wilson askes if we're approving acquiring these 3 pieces of property are we also approving the prices that are on this page?

Erich Mueller responds no, this is just the next step in what will be a many more step process. There will have to be subsequent action taken on the part of the Council and part of that will be ultimately what the acquisition cost is.

Councilor Allen states we have state and a number of regional jurisdictions that have millions of dollars into developing the trail and we're coming down to property acquisition to complete that trail. It seems like a vicarious situation to be in. I'm going to have to leave it up to the experts I guess.

Mayor Daoust opens the public hearing at 7:13pm.

Brian Casady, The Dalles, Oregon, states I represent Meadow Outdoor Advertising. We're the billboard company.

Mayor Daoust asks are you here to make a proposal to the City Council or to speak to just to what's on the agenda?

Brian Casady responds I was asked by Mr. Ward to prepare some information for presentation to City Council. It is my understanding that's what I'm doing.

Mayor Daoust states if you have a different proposal before us we won't be able to consider that tonight because it's not part of our topic of the agenda. We'll gladly listen to you but due to the fact we don't have a City Attorney sitting here now, we'd have to consider that later. Possibly in the next session. It's just a procedural thing.

Brian Casady states as you know my company has been granted permits to construct a freeway sign on one of the parcels that the City is considering condemning in order to construct the 40 Mile Loop Trail. In conversation with Mr. Ward he asked that I prepare some information for presentation to the City Council. Specifically he asked that I provide information on A) how the billboard and the trail could potentially work together on the same parcel and B) that I provide perspective on valuations for various elements of the parcel and the sign site. I have sent Mr. Ward some information I want to hand out to you

(a copy of the handout can be found in the meeting packet). This hits the highlights of this information. There is a picture taken from the 40 Mile Loop Trail that shows the section recently completed by ODOT that runs under the interstate. There is another looking north at the parcel that we're talking about and also an aerial view of the parcel. Some of the valuation information that was provided to you by the appraiser retained by the city came up with a valuation for this parcel of $34,100 which is for the property and the sign site. The owners Gary Dempsey and Molly Hall and my company came to an agreement for a purchase price of $38,000.00 for the property and we estimate that fair market value for the sign site itself is $72,000. We came up with a total valuation for a sign at this site of $192,000 minus an estimated construction cost of $120,000 leaving a remainder of $72,000 for the sign site. The fact that there is a permitted sign sited on this parcel, I believe represents an opportunity for the City. In our proposal, we would build the sign and grant the property to the City at no cost for the construction of the trail. Mr. Ward asked that I prepare a couple of different options to present to you just to present an idea how the trail and the sign could work together. There is the one labeled "The River Site Option" where the sign sits adjacent to the riverbank and the trail runs along the road. Next is a "Roadside Option" where you see the sign in the illustrations and on the plot plan the trail runs along the top of the bank and the column is pushed up adjacent to the property line. In conclusion I would like to ask that the City Council consider this proposal at another time as I understand and grant City representative authority to work out the details of this with Meadow. I believe the zero cost solution would be a win-win and maximize the property owner's value because they could get their full value out of the property. The City would get the property for no cost and be able to save money for developing the trail or other projects and Meadow would be able to replace the sign we lost last year in Troutdale.

Councilor White asks so the site is currently approved for a sign?

Brian Casady responds it is permitted. We have received permits from the City.

Councilor White asks have you approached the airport?

Brian Casady responds yes we've gone through the aviation permit.

Mayor Daoust statees thank you for your report and it will be considered at a later date.

Paul Wilcox, Troutdale, Oregon, there are some mind blowing figures from Mr. Casady. I took the figures from the appraiser and the size of the parcel. The city paying that amount of money for that piece of land is totally outrageous.

Mayor Daoust closes the public hearing closed 7:22pm.

MOTION: Councilor Anderson moved to postpone this item until December 8th to allow the staff to vet this memo that we received just tonight and take the appropriate action with the Council as they see fit. Seconded by Councilor Wilson.

Councilor Ripma states the resolution declaring the public necessity to do the trail isn't necessary if we work out a deal with the Mr. Casady and his company. At least with that parcel we don't need this resolution, do we?

Erich Mueller responds you may not need this specific resolution, you will need something because the City as a public body is spending taxpayer's funds. You can't acquire property for any purpose without declaring that it's a public purchase and having made those findings. These particular pieces of property were found to be a public interest for the trail. If you were to acquire property in some other location it would have to be for some specific purpose since that's one of the limitations on spending taxpayer's funds.

Councilor Ripma states if we reached an agreement that costs nothing where they provide an easement across for the trail then we wouldn't need a resolution for this. At least for that.

Erich Mueller responds there would have to be a resolution. It wouldn't have to be this resolution.

Councilor Anderson withdraws the motion.

Councilor Allen states I don't want to end up in the same situation with the other 2 properties that I now find myself in with this one. I would like to continue with the other 2. I would like to hear what the best way to approach this one is.

Mayor Daoust states we can't get advice that's why Ed stepped out. We do have to postpone this. We have to get a new attorney to deal with the one lot with the billboard on it. Ed has a conflict of interest with the company that's proposing the billboard. I think we can deal with all 3 at once at a future session. I thinks that's what Councilor Anderson was proposing in his motion.

Craig Ward states I think that you are well within your rights to postpone the action in this case. We will need a finding that these properties are to be purchased for a public interest in any case. We have not sent this discussion to property owners so that finding will be necessary but it doesn't have to happen today. I think that it's prudent to wait until we have the advice from a new attorney who can help guide us through the discussion.

Councilor Morgan states to Councilor Allen's point, about expediency is there anything that staff can do or we can give recommendations to staff to expedite that process?

Craig Ward responds I don't think they would want us to do that without having legal counsel. Regarding the other 2 properties, I think one has not responded at all and the other one looked a little stunned by the value that our appraiser indicated for the property that they otherwise were prepared to sell to the City. I think it's appropriate to wait until we have legal counsel to advise us on all 3.

Councilor Morgan states agreed. Is there way that staff could expedite the search for the legal for these lots so we don't lose them?

Craig Ward responds we are expediting it. I met with Meadow Outdoor a couple of times now. They were the ones who objected to Jordan Ramis representing us on this and while I think they too would like us to move promptly, until we have legal counsel, I don't think it is appropriate for us to somehow bypass that legal counsel and move ahead. We are already in discussions with the firm that could represent us and we will continue to move expeditiously.

Mayor Daoust states this is a public hearing Craig. Was there a second public hearing scheduled at the next council meeting?

Craig Ward responds there is not yet. But we can certainly begin that if the Council wants to follow through to the next meeting.

Councilor White states I'm pretty familiar with our riparian rules and to me that slope is greater than 25% which would mean there would be a setback from the top of that bank. I don't see how anything could be allowed to be built on that property, except the trail. I'd like to hear from staff on that. It would be a setback based on the steepness of that slope.

MOTION: Councilor Anderson moved to postpone this item until a date certain of December 8th. Seconded by Councilor Wilson. Motion passes unanimously.

5. RESOLUTION: A Resolution for an Exclusive Franchise Agreement with Waste Management to Provide Solid Waste and Recycling Collection Services.

Amy Pepper, Civil Engineer, stated I am here tonight to present to you a proposed resolution and franchise agreement for solid waste collection services within the City of Troutdale. At a work session in April the Council discussed the option of conducting a competitive bid process for solid waste and recycling collection services and ultimately decided that the city should renegotiate our agreement with Waste Management. Exhibit A to the staff report you'll find a red line copy of the proposed franchise agreement. The staff report includes a summary of the proposed changes. Some of those changes include updated definitions, updated franchise term, changing the bulky waste portion of our spring cleanup event to a 1 day curbside event, changing factors on which our solid waste rates are used and requirements related to reporting, records retention, vehicle accidents and insurance performs guarantees and compliance with applicable laws. The proposed changes are aimed to better line with the franchise at current industry standards while meeting the needs of our community. I met with Dean Kampfour, Waste Management, to discuss the proposed changes. In the past Council has expressed some concerns and some interests about a food waste recycling program, but we haven't had clear direction on what exactly Council is looking for in that program. Nothing in the proposed franchise agreement would preclude us from moving forward with any type of food waste collection program. Waste Management currently offers a voluntary commercial food waste collection program for commercial customers of the existing solid waste rates. Tonight I

am also looking for further direction from Council if you would like to pursue a food waste recycling program and some direction on what kind of food waste recycling program you would like us to explore. I'm available to answer any of your questions on the proposed franchise language. Also in the audience tonight are representatives from Waste Management and they can answer any questions you have.

Councilor Allen states I guess this might be more for legal. The way this is worded is there going to be a legal problem with us taking care of Sewer Treatment Plant waste?

Ed Trompke responds I don't believe so, no. I don't think that that's contemplated in the definitions. I would have to look at the definitions specifically but I'm pretty sure that the human waste solids are excluded from the definitions that are used in the City code which are all definitions used in City statutes.

Councilor Allen asks on rates, haven't rates come before council in the past?

Amy Pepper responds yes. Any rate changes would come back before Council with a resolution.

Councilor Allen states I saw where if a new rate was being developed because of a new service it wouldn't come before Council unless the staff or City Manager considered it to be too high. Shouldn't we review those as well?

Amy Pepper responds as an example when food waste recycling came about, one industry asked for that service, Waste Management said they would be willing to provide it and they suggested a rate similar to the solid waste rate so it would be a no net change for the commercial customer. Those ones, as long as the staff feels that they're prudent and agrees with the rate, won't come before council until next time the rate review comes. Which it's typically every 2 years the Council sees the rates.

Councilor Morgan states I have 2 questions but it's for the Waste Management team. Currently our trash cans have the tie down, the string, but in our discussions earlier this year you had mentioned there was some prototypes, some new garbage cans coming down the pike that aren't currently available but might be. That might also affect rates. Is there an opportunity at some point when those cans that are east wind proof come available we could look at that as an option? I know that people love the tie downs but this new technology is better.

Dean Kampfer, Waste Management, replies there is some department manufacturing industries working on a latching device that actually is self-unlatching, as the cart tips there's a gravity device that unlatches it. That would be a great tool to use because it allows for the automated collection of these rather than the drivers having to get out and unlatch. As that device becomes available and commercially available for production we could come to you and propose a modification to the agreement. The current franchise talks about other latching devices.

Councilor Morgan asks I know we talked before and it's unpopular in some places but Metro is looking at their road map and I know that they have talked about requiring all municipalities to move to the solid food waste like what Seattle has done and what Portland currently does. Is that something the Council could have a dialog about or have a discussion about?

Dean Kampfer responds most definitely we provide that service in other communities and one of your customers. McMenamin's actually reached out and requested us to provide that. We asked the City, Amy Pepper, and she gave us authorization to provide that to that one customer. Commercial food waste and food waste is about 26% of the waste stream. It's the next big diversion item and as the Metro region part of that road map is to develop processing infrastructure. I think in the next 2 years you'll see something coming down the way as far as requiring commercial customers that generate food waste to have a collection container or maybe a disposal ban. That wasn't received very positively by the Council. Amy also sits on the solid waste manager's city group and she has insights as well to add to it.

Amy Pepper states there is some talk about moving towards a mandatory disposal ban or mandatory commercial program. Metro's preliminary talks were focused on the large generators in the region and I'm not sure how many we have in Troutdale. And how they would roll out that program is still up for discussion. I believe they'll start more public discussions of that in 2016.

Dean Kampfer adds Waste Management just recently added a transfer of residential yard debris with food waste at the Troutdale Transfer Station and most of that is coming from the Portland program. Part of this road map is 7 items that they're looking at. One is the food waste and another one is the transfer system infrastructure. Waste Management's flow of waste in this area to that transfer station exceeds the cap. The cap is 72,500 and we think naturally another 30,000 would benefit through fees as well as the city tax of .65 cents a ton.

Mayor Daoust asks Amy you had asked for food waste program direction and I picked up that you previously handled it on a case by case basis with the commercial customers namely Edgefield, McMenamins. Just so we don't have a blanket statement, would that be an adequate direction for you to handle it on a case by case basis with commercial customers? Or do you need something more?

Amy Pepper responds if you're looking for us to expand it more than just the voluntary program that we have now that offers it for commercial customers at the Solid Waste rate then we will continue with that. If you want us to roll out a more extensive commercial program then that's the direction we'd want. Where we actually provide outreach to businesses and try to get them in the program and work with Dean to try to get routes set up.

Councilor Allen states we do have restaurants that have expressed an interest in doing food recycling but they can't because the property manager doesn't retain that service.

Dean Kampfer states I guess for Waste Management we don't want to offer a service to the City that isn't endorsed by the Council because this program would add system costs.

Councilor Wilson states the commercial businesses that I have talked to have more concern with trying to recycle Styrofoam. They feel that's a bigger need to be addressed. I don't know if that's something you're looking into to try to get more of the Styrofoam recycled.

Dean Kampfer responds that's an interesting one. There aren't strong markets for that material. DEQ has a 2050 plan and they have targeted materials like food waste, carpet and fluorescent tubes. Styrofoam isn't on their list. It's not on the list for Metro either. The material doesn't weigh much and there aren't strong markets to do that.

Mayor Daoust states if we continue the food waste program then we have this resolution put before us. How do you want to handle this?

MOTION: Councilor Ripma moved to approve a resolution for an exclusive franchise agreement with Waste Management of Oregon to provide solid waste and recycling collection services. Seconded by Councilor Morgan.

VOTE: Councilor White – No; Councilor Allen – Yes; Councilor Wilson – No; Councilor Ripma – Yes; Councilor Anderson – Yes; Councilor Morgan – Yes; and Mayor Daoust – Yes.

Motion Passed 5 – 2.

6. PUBLIC HEARING / ORDINANCE (Introduction): An Ordinance Amending Chapter 8.40 of the Troutdale Municipal Code and Reassigning Staff Responsibility for Solid Waste.

Amy Pepper states I have in front of you an introduction of a proposed amendment to Chapter 8.40 of the Troutdale Municipal Code that relates to solid waste. Exhibit A of the staff report includes the red line copy of the proposed changes to the ordinance. The bulk of the changes are housekeeping related and it's been on my list for a long time to get this cleaned up. In 2005 a section of the code was renumbered from title 12 which is the Public Works section of the code to title 8 and definitions associated with solid waste weren't relocated to title 8. The proposed amendments add definitions to this section of the code. At the same time in 2005 the responsibilities for solid waste duties moved from Public Works to Community Development. Since that time they have been relocated back to Public Works a couple of years ago. The proposed ordinance changes the staff responsibility to the City Manager so there's some flexibility in assigning staff to solid waste. The current franchise agreement that is in effect until December 31st 2015 included a requirement to add provisions to our code that protects containers. The proposed ordinance adds that language. Additionally there's been a lot of discussion in the past about the limit of the franchise term. The solid waste municipal code included a limit of 10 years. The proposed ordinance includes a language for a mid-term review set up 4 years from the franchise term. That would allow us to extend it to a franchise term of 8 years.

Mayor Daoust asks the current term is 10 years?

Amy Pepper responds the term that you just approved in the franchise agreement is 8 years. The term that is currently adopted in the municipal code is 10 years. The proposed term in the municipal code that's in front of you tonight is an 8 year term that allows for at the 4 year mid-term mark of the franchise council to review the franchise and having the option of extend it to allow for another 4 year term. Essentially it could allow a 12 year term if you look at it that way.

Mayor Daoust opens the public hearing 7:50pm.

Dean Kampfour, Waste Management, states I just wanted to come before you and say that Waste Management has worked closely with Amy on the changes. There's a number of changes in here that Waste Management is agreeable to and some of the bigger ones are insurance, bonds and the clean-up event. In the past I think the event's been hosted at the Troutdale Transfer Station. Amy is proposing that that be changed to a curbside event. The details of the event like what materials and different things aren't spelled out for you. I point that out to you because that comes at a different cost.

Mayor Daoust closed the public hearing at 7:52pm.

Councilor Allen states it seems to me that this is an improvement to what we have. It seems like it provides for better investment, continuity of investment is there. The curbside pickup for the yearly event seems like that would get more participation for those that can't easily get out.

Councilor White asks is the curbside annual event going to be more expensive?

Amy Pepper responds potentially there could be some rate impacts. That is part of the franchise agreement that you just approved. The curbside event is not part of the ordinance. I don't think it's a large projected cost increase.

Councilor White states keep costs down. A comment to Waste Management, I just want to thank them for the good job that they do. My no vote is to be consistent on my stance on this whole process. It has nothing to do with Waste Management's service that they provide.

7. RESOLUTION: A Resolution Authorizing Execution of Intergovernmental Agreements for: 1) Levee Cost Sharing with Multnomah County and the Port of Portland; 2) Levee Analysis Cost-Sharing Phase II (MCDD and SDIC); and 3) Cost Sharing of Levee Ready Columbia Expenses not Covered by IFA Loans.

Steve Greenwood of Oregon Solutions, states I'm really here on behalf of the regional partnership dealing with the Columbia River levee system which is now known as Levee Ready Columbia. I'm here with one of the members of that coalition, Phil Ralston, who is both from the Port of Portland and also a member of the Sandy Drainage Improvement

Company (SDIC) board. We were here, you may recall, in late August at which point you approved the signing of a declaration of cooperation which has been signed by all of the other members of the coalition. We are beginning to move forward with phase 2 of that project. We promised we would be back to talk money. You have before you 3 intergovernmental agreements. We're here in part because the Columbia levee system is a regional asset. There are many beneficiaries to that asset including property owners, municipalities, certainly the assessed value behind the levees is protected, the thousands of jobs in the region that are protected by the system and millions of dollars in assessed revenue that come from those properties. There are a lot of beneficiaries and we essentially invited all of those to the collaborative table through the Oregon Solutions program that I work for. We're also here in part I think because of the success of the first phase of the project. In that first phase focused on the Pen 1 and Pen 2 districts that were in the City of Portland. We had most of those same stakeholders around the table during phase 1. People came together, they jointly funded, the engineering assessment went quickly and we found out some things that we didn't know before about the levee system. We found out some good news about the levee system that it was in better shape than we thought it was. This is all around 2 basic needs. One is to make sure those levees keep the water on the other side and they protect all of those properties, all those people, all those jobs from flooding. There is really a second more regulatory but never the less important goal of this project. This is about being accredited, having the levee accredited by FEMA. The result of that accreditation means that the area behind the levee is not mapped as a significant flood hazard area. That means significant economic benefits and development benefits because of that. There is a second regulatory piece. That is staying within CORPS engineers, different federal agency rehabilitation and inspection program. That is essentially an insurance program because if you keep the levee maintained to the CORPS standards then if anything should happen, if a major flood should come through, and there's significant damage to that levee system the CORPS will pay for the repair of that structure. And repair of levees is an expensive proposition. Most of the parties who are at the table I would say actually all of the parties at the table feel like that is a very prudent move to stay in that insurance program. There is no cost to it except keeping the levee up to CORPS of engineer standards. That's what is at stake here. As we said back in August people have been working on developing an agreement that is fair and acceptable to all of the parties. We have worked on these agreements and to make sure they are based on objective and fair criteria, to make sure that no city including the City of Troutdale, is paying for assessment work in another city. Third, to make sure that through this collaborative sharing of expenses we can leverage State and Federal funds that reduce costs to all of the partners. I'm happy to report that we're already getting I think some returns from that because the State has now committed over $500,000 at this point.

Phil Raston, Director of Environmental Operations and Policies with the Port of Portland, states I also happen to be the Port's representative as a land owner to the Sandy Drainage Improvement Company (SDIC). My message tonight is to encourage you first of all to approve the 3 resolutions. As both representative of the CORP I can say that our commission is fully informed of these resolutions. We're signing a very similar one. Our Executive Director is likely signing off on all of these tomorrow morning. The SDIC voted to endorse these resolutions as well as have all the other boards. There is so far

widespread support among the various partners and jurisdictions to sign these resolutions. I want to remind us all that one of the roles of the Port is an economic catalyst of the region. You all know the Port is a huge property owner in the Troutdale Reynolds Industrial Park. That development alone is expected to generate over 6,600 jobs over 350 million in personal income a year and about 40 million in State and local taxes a year. If we're going to lose accreditation of the levee system in protecting the TRIP property in particular we would be faced with development constraints. We would be faced with constraining the pace of economic development and the generation of revenue that supports the City, the County and State. We would also lose about 40 million a year in tax revenue. We really look at this whole levee accreditation process as absolutely vital. Fairview is also a party to these resolutions and I think they're going to act as a City Council within the next week or so on these as well.

Councilor Anderson states Craig it would be the height of irresponsibility not to do this right.

Craig Ward responds I don't think we really have a viable alternative short of just saying no and seeing how the other partners respond. Those partners including all the property owners that live in the Sandy Drainage Improvement area jurisdiction. I suspect that they will endorse our support of this action. We have to do an outreach program to discuss this.

Councilor Anderson states it's going to cost us $13,426 that's not covered by the loan. The loan we're going to pay $1,400 a month for 7 years beginning in 2018 to shore up how many miles of levee?

Craig Ward states I don't have the packet here before me so I am unable to confirm those numbers. I don't know how many miles of levee we are speaking of.

Mayor Daoust states I think if I read the payments correctly, we have that larger amount where we would have to pay $17,000 per year starting in fiscal year 2018. Then on top of that we have the $13,426.

Phil Ralston states these funds would be used to shore up the levee in a 7 year period. The intent of the use of these funds is to do the engineering analysis and risk assessment of the current status of the levees. Whatever deficiencies that might be found at the end of that process would then be funded through an entirely different mechanism.

Councilor Anderson asks how many miles is this?

Sara Morrissey, Project Manager for the accreditation for SDIC, states if you include the cross levee its 4.2 miles.

Erich Mueller states in your packet there is a table that's labeled B1 and on page 2 this spells it out in detail. The 3 IGAs work together. The first one talks about the large loan, the third one talks about the non-loan cash costs and this particular page is what reduces both of those. This third IGA is where Multnomah County is stepping up and saying in

paragraph B at the top of the page, that they will assume half of that $224,000 on behalf of the City for the loan obligation. Then if you go further down the page in section 4 paragraphs C and D, it basically addresses the cash requirement that is in the third IGA. It's basically saying Multnomah County will pay for half of the cash requirement for us. The next paragraph is the Port of Portland will pay the other half of the cash requirement. Between those 2 parties they are going to cover all of the cash requirement up front. Then Multnomah County is covering half of the total loan obligation. There isn't any direct budgetary cost for us in the current fiscal year.

Mayor Daoust states the bottom line is the $17,000 per year.

Erich Mueller responds correct. It would be starting in the 2017/2018 fiscal year.

Councilor Allen states the engineering work that is going on here is driven by the maps, is that correct?

Sara Morrissey responds the scope of the work we'll be looking at the certified system. It is through FEMAs national program. They have criteria that you have to meet to demonstrate certification. Certification for this district expires in 2017. Certification basically means you prove with an engineering report that that levee system protects against a 100 year flood event.

Councilor Allen asks are you doing any checks to ensure that the projection of the 100 year flood report is accurate?

Sara Morrissey responds yes. We have a hydraulic engineer that basically confirms what water elevation we need to look at.

MOTION: Councilor Anderson moved to adopt a resolution authorizing execution of Intergovernmental Agreements for levee cost sharing with Multnomah County and the Port of Portland, levee analysis cost-sharing Phase II (MCDD and SDIC), and cost sharing of Levee Ready Columbia expenses not covered by IFA loans. Seconded by Councilor Morgan. The motion passed unanimously.

VOTE: Councilor White – Yes; Councilor Allen – Yes; Councilor Wilson – Yes; Councilor Ripma – Yes; Councilor Anderson – Yes; Councilor Morgan – Yes; and Mayor Daoust – Yes.

Motion Passed 7 – 0.

Steve Greenwood states we are happy to report back at some point. We can work with the City Manager to give an update on the progress maybe before we get to the end of the work of Phase II.

8. REPORT: A Letter of Intent for the USPS Relocation Project Payment from the Portland Development Commission.

Craig Ward states the Council directed that the staff approach the Portland Development Commission and ask for a formal proposal and this is the product of that direction. We're conveying it to the Council now in the spirit of public disclosure because we know that there's considerable interest with the press and others about the status of this project. At this point we're not asking for the Council to deliberate necessarily on this or give us additional direction. We just want to make it part of the record that we have received this and we will have continued discussions with the Portland Development Commission about it. Any discussion or questions the Council has will be informative to staff and we will convey those questions back to the Portland Development Commission.

Ed Trompke states there is an executive session scheduled at the end of this meeting which may touch on some of the same issues and exempt documents, confidential documents and so I would ask that if you have questions you reserve them for that point in time.

Mayor Daoust states this is a little different procedurally. We wanted to make the letter from the Portland Development Commission known to the public, that's why it's out there. It's a good thing that the Portland Development Commission responded after looking seriously at the question asked. There won't be any public comment on this because it's a little different procedurally because the Council has not formulated any internal debate on this which we'll wait for the executive session later to do that. We don't have a single strategy for the public to respond to unlike previous agenda items.

Ed Trompke states it would be appropriate for citizens to take it now, read it, think about it and discuss it with their Councilors as the Councilors do the same thing. Rather than having an extensive debate about it until people have had a chance to read it. It's very complicated and it needs considerate thought.

Erich Mueller states I just want to add that there will be a public discussion at the next council meeting.

Mayor Daoust states on November 24th we will allow public comment on this because between now and then the Council will decide what we want to do with it.

Councilor Allen states I appreciate you making this better known.

9. STAFF COMMUNICATIONS:

Craig Ward states I would like to remind the public that tomorrow is the Veteran's Day holiday and non-emergency City facilities will be closed. We got a request for a waiver of fees at Columbia Park for Zarapeth for The Bite of East County. I would like the Council's direction. There are steps that we can take to make this more automatic in the future so we don't have to continually come back to the Council and see if this group qualifies for a waiver of fees.

Mayor Daoust states we can deal with this tonight if we want. We did receive a letter from Zarapheth Kitchen and Pantry that all the Council received that there's a request from the Troutdale Business Association and the Fairview Business Association. The 2 business associations have requested the use of the soccer field in Columbia Park on Saturday, July 30th. Like we've done previously, the City would provide use of the property from noon on Friday through noon on Sunday after the event. We're asking the City of Troutdale to endorse the event, allow the use of portions of Columbia Park and issue all City required permits without fee. That is their request.

Councilor Wilson asks can we make it so they can use that park every year until the group dissolves?

Mayor Daoust asks do you mean by giving direction to staff to keep doing what they're doing?

Councilor Anderson asks can we also put it on a consent agenda so we're not making decisions under council communications? I have no problem with it but I just like seeing it on the consent agenda.

Craig Ward states that's exactly the appropriate approach by making this formal on consent agenda. My recommendation is that you can give us your direction.

10. COUNCIL COMMUNICATIONS:

Councilor White states I wanted to thank the Troutdale Lions Club, especially Jon Brown, for their Sunday night free Veterans Dinner. It was well attended. They had live music and a great meal and dessert. Regarding the Cycle Hub Group, I made my rounds today to local businesses. I met with Mary at Celebrate Me Home, Rip Caswell of Caswell Gallery, other local business owners and a member of the Portland Bike Club. My takeaways are many of the bikers who come to town have a $2000 to $4000 bike. Their trips are short. Mainly enough time to drink a coffee and eat a pastry and use a restroom. They want to be in close proximity to their bikes and most eat outdoors because they're warm from bike riding. Some bikers are using street trees and posts to secure their bike. Celebrate Me Home has a small wooden bike rack that Mary says gives her an advantage in acquiring bike customers. She also welcomes them to use her restroom as an opportunity for free advertisement so the bikers can see what items are for sale in her business. Many return as a customer later. Businesses don't want the sidewalk blocked and prefer smaller bike racks, similar to the size of the one in front of Celebrate Me Home. A lot of them resisted until we came up with the idea of Rip designing a fancier bike rack. The proposal would be to have 3 smaller bike racks dispersed throughout the town and then 1 larger one at the Cycle Hub. I'm recommending a 6 step process: 1) the Hub Council Committee (Larry and I, Claude Cruz, Craig Ward and Rip) continue to brainstorm, 2) Craig Ward, Claude Cruz, and I will review work in phases which may include further Depot issues, 3) A meeting with everyone, instead of one on one, and meet directly after to chime in to create a presentable plan, 4) Schedule a meeting to present the Bike Hub to the public as an agenda item for public input, 5) A meeting with

everyone in step one if needed for refining the concept and creating a timeline, and 6) Council review and recommendation.

Councilor Allen states the Regional Disaster Preparedness Organization has basically 3 types of membership. One is a core group that tends to have a larger financial investment in it, there are contributing members, and policy issues members. There are questions that are going to come up as to who votes on financial issues and it also would be nice to know who should vote on policy issues. Something for you all to think about and feed me with what your opinions are.

The Council asked Councilor Allen to e-mail them updates.

Ed Trompke states that would be ok to do. It's a public record. But there shouldn't be any deliberations. There was a decision by the Court of appeals on use of e-mails as a serial public meeting. I'll give you a full report on it after we've had a chance to digest the nuances of it.

Councilor White states I forgot one of my council concerns if I may. It's in regard to the Holiday Toy Drive I've been asked by Jon Brown to pass around the signup sheet. They're looking for volunteers to help man the station. It will be at Walmart again in Wood Village.

Councilor Wilson states last year we talked about The Champion and Mayor and City Council submitting articles to that with the exception of the year that they are rerunning for office. It would be 2016 that anybody that's running for office would be eliminated from writing articles. As I go from City to City and look at other newsletters we happen to be the only City that I could find that limits our Mayor or our City Councilors from writing articles for a fear that I don't think that has existed from Mayor Daoust, to indicate that he is trying to ring his own bell. My suggestion would be to change it so that the Mayor and City Council at any time during their 4 years in office could write an article for The Champion, whether or not they're running for re-election. We never passed a resolution to change that. We had agreed as a body to say that next year the Mayor, myself and Councilor Anderson and Councilor White would not be able to write in The Champion. I would like to change that to eliminate that and put it back to where they can write articles through their tenure.

Mayor Daoust states I didn't ask for this but obviously I support it. I've done my own inquiry of other Mayors. We are indeed the only City that puts a limit on the Mayor writing a Mayor's corner article during an election year. It seems a little awkward to me not to be able to communicate with the citizens. And that's the only intent, to communicate to the citizens what's going on in the City. Any political things that would affect the decision of the Council in the future, I deliberately stay clear of so I don't try to influence anybody. All my articles if you go back and look at them have factual information on what we've already agreed to as a City Council. It's always in the public record. I'm not bringing up stuff that the Council has not already talked about. I appreciate John bringing that up. I feel strongly about it. I agree that the Council made that decision and there were reasons to do it at the time. If there's certain rules or guidelines that you wish my articles to display that's

fine. There is no intent to make any political statements at all. It's just informing the public in a newsletter.

Councilor Ripma states you know I've opposed the idea of using a publicly funded publication that goes to all the voters to promote ourselves. I object to it. I think it is wrong. I think the factual information that you want conveyed can be done by staff and was done by staff when we prohibited elected officials from doing it. I disagree about your characterization of some of your articles and I don't disagree on some others. That isn't the point. The idea that it's public funds is why I object. I have always objected. I used to have the majority of the Council with me on this. I don't know what has changed your mind but John, it does no good to pass the resolution and have a rule until the election year comes and then change it back. Can't we just leave it the way it is?

Councilor Wilson states the only time I have seen a problem with any of the Mayors was the Mayor in Oregon City when he was telling people not to vote for something. I would say that we are a minority of the Cities in Oregon.

Councilor Ripma states it's wrong. It's just plain wrong. If public officials are not putting in to a publicly funded distributed publication that goes to all the voters then I respect that. I hope I can get the majority of you guys to agree that this is not the proper use of public funds. Other people might want to run for office folks. They won't get the advantage of that.

Councilor White states I'm a little taken aback that Councilor Wilson has forgotten how controversial it has been. It's been brought up several times amongst our own Council. If someone needs to read these articles and explain to you how they are controversial or political then maybe that's what we should do. I definitely agree with the resolution we passed.

Councilor Wilson states we didn't pass a resolution.

Councilor Morgan states it should be a public open discussion. We're in politics, it comes with the territory. I think it's inappropriate for anybody who's running next year to have a conversation about changing it in the election year on principle. I thought it was stupid from the beginning. I think we're still operating under tight rules where we're afraid and everyone's running scared. Anything anybody writes in the City can be perceived as political. There's also a provision in there that allows any Councilor at any point in time to write an article. I have yet to see any Councilor to this point write an article in replacement of the Mayor. If we're afraid of anything being political we're in politics and everything can be perceived as being political.

Ed Trompke states I had a thought about this and I don't want to tell you that I have the answer but everybody is thinking in terms of the federal constitution the free speech rights and things like that when they think about limitations on speech. And there is some limitation here which may or may not violate the 1st Amendment. Article 1 section 8 of the State Constitution is interpreted by the State Supreme Court. One of their rules is that if the regulation is directed at regulating speech then it's per say unconstitutional. There are

exceptions to that and I can't go through the checklist right now about what all those exceptions are but it raises concerns with me that the prohibition, even if it's an informal one, might not be lawful. It raises big concerns for me that it might not be the right thing to do. And in terms of Councilor Ripma's concerns, it may be that if you give one person the forum then you may have to give it to every member of the public who wants to write something within the same kind of rules that it's not supposed to be a political statement. It's supposed to be a statement of an issue that has been decided or hasn't been. Once you open the door you may have to allow it for everybody. But it's not simple.

Mayor Daoust states we're only talking about the Mayor's Corner.

Councilor Allen states it's using public funds to promote a person's position. This isn't something new. This was years ago, back when we were deciding on whether to fund or not fund the Troutdale Champion. It's kind of a compromise so that we don't use it during then.

Councilor Ripma states it's definitely not personal with you Mayor Daoust. I have always objected. I just can't understand why you can't see the unfairness of it. If the information about things going on in the City, events, cleanup day, can be conveyed by staff and I'm very confident that it will not require elected officials.

Councilor Anderson states other than to say that I'm tired of Council Concerns deteriorating into policy discussions and arguments. Put it on the agenda.

Councilor Ripma states on Sunday the 15th of November at 2pm in the Sam Cox Building at Glenn Otto Park, the Troutdale Historical Society is having a program on Treasures of the Gorge and it's a program about the Vista House. Other than that I urge everyone to honor and remember veterans tomorrow.

Councilor Anderson states thanks to all who have proudly served our Country and for your service. A couple of things complimentary to staff, specifically Public Works. Along Stark Street there are beautiful trees but they were overgrown and low and they were a traffic hazard, not only for cars because you couldn't see the oncoming traffic but for bikes and pedestrians as well. A number of calls came into the staff here and it being a County road it took a combined effort led by our staff to get this problem remedied. It took one week and the inmate crews were out limbing up the trees for the County. I want to thank Public Works, John Copeland, the County and especially their inmate supervision crew because they did a wonderful job. Second, every year it happens, Troutdale Road flooded. The difference is as I remember this time, I made one call to Craig as I drove through 2 large lakes, and then my wife came home about an hour later and I asked how did the car handle the lakes? She asked, what lakes? They were gone and Public Works had gone out and taken care of it on a Saturday afternoon with an hour notice. That's the City at work. Great job Public Works. Craig, thank you.

Mayor Daoust states since tourism is one of the treasures that we need to play on in Troutdale, there is something that is coming up that fits that perfectly and it's called the Gorge Tourism Studios. It's something that we all can sign up for and it's coming up in 6

workshops next calendar year. The first workshop starts January 20th and the last workshop goes all the way through April 6th. I can send the email out to the City Council to inform you about this tourism studio that's going on throughout the Columbia River Gorge. You can sign up to participate if you would like to. I signed up for a couple of the workshops already. It sounds really interesting and it fits nicely with our tourism aspect of the City. Next, we have an odorous event coming up next week that the people have to be aware of and that's in the riverfront redevelopment site just on the other side of the railroad tracks. Eastwinds will be cleaning the sheep pit and removing that. The point I want to make is probably starting next week they're going to be using Best Management Practices to minimize the odor that comes from the sheep pit. These are animal carcasses that have been buried for years. There's quite an odor that's expected. Oregon DEQ (Department of Environmental Quality) called me today and wanted to assure me that DEQ is very confident in the process that Eastwinds is going to use. They're immediately going to transport the sheep pit waste in trucks to a Wasco County landfill. I want people to be aware though because it may influence the local Troutdale area with a rather dramatic smell next week. The other thing I would like the City to look into is ODFW (Oregon Department of Fish & Wildlife) is giving us the opportunity to apply for a grant for a fisheries restoration and enhancement program. They offer grants between $20,000 and $200,000 to increase recreational fishing opportunities. Some of us met with Todd Elsbury of ODFW already and have some ideas on submitting a grant application so that we can open up fishing opportunities on the Sandy River for disadvantaged youth, as an example of what we could request. And to get youth that would not necessarily fish in their lives the opportunity to do some fishing at some really nice spots on the Sandy River or in lakes that we have around Troutdale. I think it's an opportunity for us to apply for a grant. It would be nice if we had a grant writer to do it. I think we can pull it off anyway before the February 26 deadline for this grant application. It would be a nice thing to do if we had some increased fishing opportunities for disadvantaged youth. The next item is that it's been brought to my attention, probably all of our attention, that the Citizen's Advisory Committee (CAC) has not met very many times this last year and I think they're reaching the point where they're wondering why they're existing. My only point in bringing this up is we have mentioned before that we would like to give topics to the CAC. I think we should put a little more thought into that and what topics we want the CAC to deal with. This is just a re-energized statement of things we've already talked about before but we haven't really taken any action to decide what additional topics we want the CAC to handle. A lot of their meetings have been canceled. It's a shame. It's a group of citizens that want to help and some of them are dropping out because there's no meetings being held.

Councilor White states it's been a staffing situation that still hasn't been resolved.

Councilor Anderson states Steve Winstead is handling it. The organizational subcommittee group have taken a couple of things to them. They're going to meet in November and Steve Winstead is staffing them. It has been a staffing issue and Steve didn't even know his role.

Councilor Allen states I would also like to hear from the CAC.

Mayor Daoust states next item is we agreed at the 3 City Meeting that we had with Gresham Fire, to come up with 2 people from each City to discuss what type of contract to study or analyze a fire department with 1, 2 or 3 Cities. I'll be talking with you on who to put on that subcommittee. I think we're up against maybe some uphill battles because Fairview just recently decided not to fund any part of the study. The 2 people from each City that do get together, I talked with the Mayor, even though they did make that move he agreed that he would come up with 2 people from Fairview to continue the discussion with the fire department analysis. We're still going to go ahead and do that.

Councilor White states I'll go ahead and volunteer my services and if Larry is willing we've probably done the most work of anyone on this Council regarding this subject.

Mayor Daoust states my last point is the mid-year Budget Committee Meeting has been moved from December 1st to January 5th at 7pm at the Police Facility Community Room.

Councilor Allen states years ago we had an agenda item where we talked about curb extensions and we had not wanted to touch on curb extensions in the downtown area because we didn't want to sacrifice parking spaces. It looks like that topic is in consideration again and I wonder if we should also talk about that as an agenda item. If our position has changed since last time.

11. ADJOURNMENT:

Councilor Ripma moves to adjourn meeting. Councilor Anderson seconds. Meeting adjourned at 8:59pm.

DRAFT

Doug Daoust, Mayor

Dated: _____

ATTEST: DRAFT

Kenda Schlaht, Deputy City Recorder

CITY OF TROUTDALE
CITY COUNCIL – Regular Meeting
Tuesday, November 10, 2015

PLEASE SIGN IN

Name – Please Print	Address	Phone #
Brian Casady	The Dalles OR	296-9694
David Becker	Troutdale	
Sara Morrissey	MCDD	503 281 5675
Reed Wagner	MCDD	503 281 5675
Phil Ralston	Port; SDIC	503.415-6331
Claude Cruz	WCGCC	503 799 9667
Rob Canfield	Troutdale	
Carol Allen	Troutdale	
Jason Buford	Troutdale	
Chris Bell	Camas	360-210-4344
Steve Greenwood	Portland	503-
Diane Castle	Troutdale	503-888-1405
Tanney Staffenson	Troutdale	503-319-7732

RESOLUTION NO.

A RESOLUTION DECLARING A VACANCY ON THE CITY COUNCIL AND SELECTING A NEW COUNCILOR TO FILL THE VACANCY

THE TROUTDALE CITY COUNCIL FINDS AS FOLLOWS:

1. Whereas, on January 26, 2016 City Councilor Eric Anderson submitted a written resignation from his position, to be effective March 31, 2016; and,

2. Whereas, Section 27 of the 1994 Troutdale Charter provides that a vacancy on council is created upon the resignation of a councilor; and

3. Whereas, the resignation of Councilor Anderson became irrevocable January 29, 2016, as provided in ORS 236.325(5), creating a vacancy on council after the effective date of Councilor Anderson's resignation; and

4. Whereas, Section 28 of the City Charter states that " A vacancy in the office of councilor shall be filled by appointment by a majority of the council;" and,

5. Whereas, Council is permitted to select a person to fill the vacancy before the effective date of the resignation under ORS 236.325(3), which selection will be effective after the effective date of resignation; and

6. Whereas, Section 28 of the City Charter declares that the term of a newly appointed councilor commences when the person is appointed and qualified; and

7. Whereas, the public interest is benefited by prompt replacement of the resigning councilor with no break in service;

8. Whereas, Council conducted interviews of all applicants at a special meeting of the City Council at 5:30 pm on March 14, 2016 in the council chambers.

9. Whereas, Council carefully deliberated and selected a person to fill the vacancy.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TROUTDALE

Section 1. That the irrevocable resignation of Councilor Anderson creates a vacancy on Council effective April 1, 2016, which council is required to fill.

Section 2. Council accepted applications submitted in writing to the office of the City Clerk commencing at 8:00 am on Wednesday, February 10, 2016, and ending at 4:30 pm on Friday, February 26, 2016.

Section 3. Council conducted interviews of all applicants at a special meeting of the City Council at 5:30 pm on March 14, 2016 in the council chambers

Section 4. Pursuant to Section 28 of the 1994 Troutdale Charter, Council selects _____ as the successor to Councilor Anderson, for appointment as Councilor, effective upon being sworn in as a councilor after the position becomes vacant on March 31, 2016, and after the City Recorder has determined the successor to be qualified pursuant to Section 13 of the Charter which reads:

> *SECTION 13. QUALIFICATIONS FOR ELECTIVE OFFICE. No persons may be eligible to fill an elective office unless at the time of their election or appointment they are qualified voters under the meaning of the Constitution of Oregon and have resided in the city at least six months immediately preceding the election or appointment. No officer elected or appointed may continue to serve if he or she ceases to be a resident of the city. An elected or appointed officer may not hold another elective office. City employees may not hold an elective office within the City of Troutdale.*

Section 5. The person selected as successor councilor shall be sworn in and shall commence serving at the first meeting of council after March 31, 2016. The term of the appointee shall expire on the first meeting of the City Council in 2017, pursuant to Section 28 of the Charter.

YEAS:
NAYS:
ABSTAINED:

_____
Doug Daoust, Mayor

_____
Date

_____
Kenda Schlaht, Deputy City Recorder

Adopted:

AGENDA ITEM #4

CITY OF TROUTDALE

STAFF REPORT

SUBJECT / ISSUE: A Resolution adopting the Public Works Department Capital Improvement Plan, rescinding Resolutions 1995 and 2225, and rescinding the Parks Capital Improvement Plan adopted by Resolution 1941

MEETING TYPE: City Council Regular Mtg.	**MEETING DATE:** March 22, 2016 **STAFF MEMBER:** Travis Hultin, Chief Engineer **DEPARTMENT:** Public Works
ACTION REQUIRED Resolution **PUBLIC HEARING** No	**ADVISORY COMMITTEE/COMMISSION RECOMMENDATION:** Approval **Comments:** See Staff Report for Planning Commission, Budget Committee and the Parks Advisory Committee recommendations
STAFF RECOMMENDATION: Adopt the CIP	

EXHIBITS:

A. Public Works Capital Improvement Plan Draft - Redlined

Subject / Issue Relates To:

☐ Council Goals ☐ Legislative ☒ Other (describe) Capital Improvement Plan

Issue / Commission Discussion Points:

- The Capital Improvement Plan enumerates the capital improvement projects that the City anticipates will need to be executed in the foreseeable future
- The Capital Improvement Plan hasn't been comprehensively updated since 2009. Some interim updates have occurred since then.
- Capital improvements are projects that build new facilities, add capacity to existing facilities, or otherwise upgrade the performance of a facility. Studies and planning

Reviewed and Approved by City Manager:

projects that identify and inform the scoping of such projects are also considered capital improvement projects. Replacement or maintenance projects that do not add capacity or upgrade performance of the facility are not "improvements", and hence not included in the CIP.

- This draft Capital Improvement Plan project lists attached address the following systems: Water, Sanitary Sewer, Stormwater, Transportation and Parks.
- The Capital Improvement Plan provides part of the basis for developing system development charge and utility user fee rates. By law, projects must be in the capital improvement plan to be accounted for in the system development charge rate methodology and for system development charges to be expended on those projects.
- The Parks CIP included in Exhibit A reflects the existing Parks CIP developed in the 2006 Park Master Plan with minimal changes only to reflect known projects that have been completed and the addition of an update to the Parks Master Plan. Staff recommends that the Parks Master Plan be updated, and the Parks CIP be updated subsequently.
- The CIP in Exhibit A reflects changes tracked since the rough draft was presented at the November 17th Council work session. A clean copy is attached to the adopting Resolution.
- The draft CIP was presented to the Planning Commission, the Budget Committee and the Parks Advisory Committee for review and recommendations. Additions or deletions to the project listings, and changes in project timing or priority, recommended by those bodies have not yet been incorporated into the attached Exhibit A, pending confirmation and/or other direction from the Council.

BACKGROUND:

The Capital Improvement Plan provides a listing, description and estimated cost of significant infrastructure improvement projects that the City expects will be needed in the foreseeable future. State law requires that the City develop a Capital Improvement Plan in part to form the basis for developing a system development charge methodology and SDC rates. The CIP also provides an integrated and centralized compendium of planned projects that is critical for work planning, budget planning/preparation, and rate setting. The CIP is based on best available information at the time of preparation, but is subject to change in the future. These projects are goals for the City's infrastructure systems, but are subject to limitations of funding availability, staff resources, and external forces, and inclusion in the CIP does not appropriate funds, guarantee contributions from external sources, nor provide final authorization for improvements to be completed. Funding for a proposed project must be appropriated through the normal budget process. Applicable Federal, State, and local laws, rules, and regulations apply. Inclusion of a project in this Plan is not an indication that project approval will be granted, funds will be appropriated, or necessary permits will be issued.

The primary sources for identifying projects in the CIP are the respective Master Plans. Master Plans have been developed for each system discussed in this draft CIP. Additionally, projects may be identified by staff for consideration in the CIP based on staff's knowledge and experience with these systems and knowledge of actual realized development patterns. Further, projects may be proposed for inclusion in the CIP by goals set out by the Council, as well as by regional infrastructure planning efforts.

The last comprehensive update to the CIP was in 2009. Since 2009, the water and storm sewer CIP's were updated in a less robust and less detailed format, following the updated Water Master Plan and South Troutdale Storm Sewer Master Plan.

The Sanitary Sewer Master Plan and Transportation System Plan were updated in 2013 and 2014, respectively. The CIP has not been updated since the adoption of those plans. This draft incorporates updates to the CIP's for all systems, including the projects identified in those plans.

The Parks CIP was discussed extensively in 2013, but the CIP has not been formally updated since its original adoption in 2008, though the Council did adjust the SDC rate downward dramatically. That CIP is based on the Parks Master Plan that was adopted in 2006. The existing Parks Master Plan methodology had a significant component that was directly based on population, specifically parkland acquisition and the related land development costs. Population forecasts have been revised downward since that time, and the land acquisition computations should be recalculated and revised based on the current build-out population expectations. The balance of the needs identified in the Parks Master Plan (i.e. not directly computed from population) were determined based on community involvement processes (surveys, workshops, advisory committee, etc.). Those community opinions, attitudes and desires may have changed since those community involvement processes were conducted in the mid-2000's. Additionally, the Parks Master Plan envisioned a planning horizon out to somewhere between 2015 and 2020, assuming build-out of the City by that time, which hasn't occurred due to economic conditions. All of these factors lead Staff to recommend that the Parks Master Plan be updated, and the Parks CIP be subsequently updated to reflect the results of that process. A project to update the Parks Master Plan in the immediate future is reflected in the draft CIP. The only other new project identified in the draft Parks CIP at this time is the addition of Visionary Park, as directed by the Council in Resolution #2306, though the Parks Advisory Committee has recommended another addition (see below).

The draft CIP was presented to the Planning Commission for its review, feedback and recommendations. The Planning Commission discussed the entirety of the plan, system by system, and ultimately offered the following recommendations:

1. Adopt the Transportation CIP substantially as presented, with the following changes:
   - 1.1. Expand the scope of project the Downtown Parking Study (ST-090) to a Comprehensive Downtown Plan and increase the estimated cost accordingly.
   - 1.2. Delete the Primary Access to Urban Renewal Area project (ST-084).
   - 1.3. Delete the Pedestrian Bridge from CBD to URA project (ST-085).
   - 1.4. Roll-up the annual cost estimate for Sidewalk Infill (ST-087) and ADA Infill/Upgrades on Public Streets (ST-088) to ten year totals ($75,000 and $250,000, respectively).
2. Adopt the Water CIP substantially as presented, with the following changes:
   - 2.1. Change the proposed timeframe for Reservoir No. 2 Seismic Improvements (WA-045) from Long Term to Short Term.
3. Adopt the Parks CIP substantially as presented, with the following changes:
   - 3.1. Delete the Special Use Park Development project (PA-003).
   - 3.2. Delete Neighborhood Park Site Acquisition Phase I (PA-004) and the associated Neighborhood Park Development (PA-006)

3.3. Delete Community Park Site Acquisition Phase II (PA-013) and the associated Community Park Site Development Phase II (PA-014)

4. Adopt the Storm Sewer CIP substantially as presented, with no recommended changes.
5. Adopt the Sanitary Sewer CIP substantially as presented, with the following changes:
   5.1. Limit the cost of Onsite Water Recycling System at the WPCF (SA-064) to not more than $100,000.
   5.2. Delete the WPCF Upgrades project (SA-061).

The Planning Commission also included clerical corrections and updates amongst their recommendations that have been addressed in the revised CIP.

Note that deletion of a project from the City's CIP does not automatically delete it from the underlying plan. In the case of Urban Renewal Agency projects, for example, deletion from this CIP does not prohibit the Urban Renewal Agency from proceeding with the project or from funding the project through the Urban Renewal Agency budget. There is no requirement to reflect URA projects in the City's CIP, unless the City intends to make a contribution to the project from SDC revenues. URA-funded projects are reflected in the City CIP primarily in an attempt to compile all major projects in one document for ease of use and transparency, but it would be equally permissible to leave such projects out of the City's CIP and leave them solely in the Urban Renewal Plan (aka Riverfront Redevelopment Plan).

At the time of the Planning Commission meeting, Staff was still researching estimated costs for the Onsite Water Recycling System at the WPCF (SA-064), which prompted the Commission to make its recommendation 5.1 above. Since that time, Staff has furthered its research and found that an estimated cost of such a system is $150,000. The current cost to the City for using water from the City's potable water system at the WPCF is approximately $84,000/year. Therefore, a simple payback period for a $150,000 investment in the Onsite Recycled Water System, with some allowance for annual operation and maintenance of the Recycled Water System, would be approximately 2-3 years.

The draft Parks CIP was presented to the Parks Advisory Committee (PAC) for its review, feedback and recommendations. The PAC discussed the entirety of the Parks plan and ultimately recommended adoption of the Parks CIP as presented with the following recommendations:

1. Swap the order of the PA-002 and PA-003 projects.
2. Add a project to construct a Skateboard Park at Columbia Park.

Note that changing the order the projects are listed does not change the project priority, or have any real practical effect. Both projects' timeframes are currently estimated as short term, and implementation of PA-003 particularly will be determined by the timing of development of the URA, not by the order of its listing in the CIP.

Since the PAC meeting, Staff has researched the potential cost of a Skateboard Park at Columbia Park and found the estimated cost to be $455,000. If the Council elects to add this project to the CIP, the Council could direct staff to designate a lower cost, and Staff would attempt to reduce the scope of the project accordingly, in consultation with the PAC.

The draft CIP was presented to the Budget Committee for its review, feedback and recommendations. The Budget Committee made no specific endorsements nor any recommendations.

Following this significant and comprehensive CIP update, Staff recommends that the CIP be reviewed and adjusted at least annually.

Current Year Budget Impacts ☐ Yes *(describe)* ☒ N/A

Future Fiscal Impacts: ☒ Yes *(describe)* ☐ N/A
When adopted this will inform future SDC and utility rate calculations, and future budgeting for capital projects

City Attorney Approved N/A ☐ Yes

Community Involvement Process: ☒ Yes *(describe)* ☐ N/A
The CIP has been reviewed in four previous public meetings

EXHBIT A

Transportation Improvements

1. **Project Name:** Improve NW Graham Road

   Project Number: ST-080

   Timeframe: Immediate (in-progress)

   Estimated Cost: $ 3,400,000 (Total Cost) $ 550,000 (City Share)

   Funding Source: Port of Portland, ODOT ($ 2,850,000)
   Street Improvement Fund ($ 550,000)

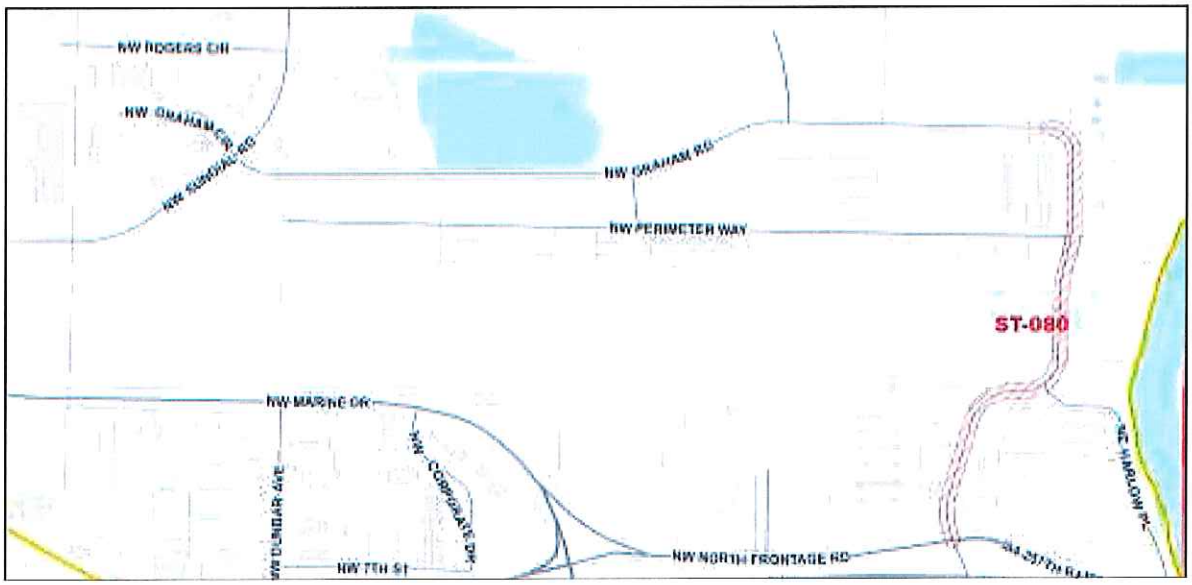
   Problem: Portions of NW Graham Road need to be reconstructed, widened and/or structurally upgraded to accommodate traffic growth, especially freight, with the development of the north industrial area including the Troutdale Reynolds Industrial Park.

   Proposed Solution: Widen and improve selected portions of NW Graham Road.

   Identified By: *City of Troutdale Transportation System Plan* (Project M8)

   In Previous CIP? Yes

   Related Project(s): SD-N20



2. **Project Name:** Downtown Parking Lot

Project Number: ST-~~090~~089

Timeframe: Immediate

Estimated Cost: $ 50,000

Funding Source: Police Facility Capital Project Fund (100%)

Problem: Additional parking capacity is desired in the central business district and business owners have indicated a desire for more public parking availability in the CBD for all users. The construction of the new Police Facility has left the old Police Department site available for redevelopment and reuse.

Proposed Solution: Construct a public parking lot on the old Police Department site at 141 SE Dora Avenue.

Identified By: City Council

In Previous CIP? No

Related Project(s): ~~ST-082,~~ ST-081

3. **Project Name:** Downtown Parking Study

Project Number: ST-~~091~~090

Timeframe: Immediate

Estimated Cost: $ ~~50~~51,000

Funding Source: Street Fund (25%), Street Improvement (25%)
General Fund-Planning (50%)

Problem: Additional ADA and bicycle parking is desired in the central business district and business owners have indicated a desire for more public parking availability in the CBD for all users.

Proposed Solution: Conduct a study to optimize existing parking in the CBD, and to identify and assess opportunities for developing additional public parking, including ADA and bicycle parking.

Identified By: *City of Troutdale Transportation System Plan* (Project M13)

In Previous CIP? No

Related Project(s): ST-081, ST-082, ST-089

4. **Project Name:** Columbia Gorge Bike Hub

Project Number: ST-082

Timeframe: Immediate

Estimated Cost: ~~TBD~~ $85,000

Funding Source: ~~Grant/Donations, General Fund [Parks]~~ODOT (100%)

Problem: The CBD is a town center intended to be bicycle-friendly. Additionally, the CBD lies on a very popular bicycle touring route and experiences large, and increasing, bicycle traffic volumes. Bicycle parking and support facilities for cyclists are very limited in the CBD, discouraging CBD workers from bicycling and discouraging bicyclists from visiting and stopping in the CBD. Travel Oregon is partnering with Cities (including Troutdale) along the Columbia Gorge and other community groups to develop Bicycle Hubs in each City that will provide rest stops and support services for bicycle riders. Troutdale currently lacks such a bike hub.

Proposed Solution: Construct a Bike Hub along Historic Columbia River Highway

Identified By: Travel Oregon, Chamber of Commerce, City Council

In Previous CIP? No

Related Project(s): ST-090, ST-081

5.	**Project Name:**	ADA Transition Plan for PW Facilities
	Project Number:	ST-083
	Timeframe:	Immediate
	Estimated Cost:	$ 15,000
	Funding Source:	Public Works Management (100%)
	Problem:	All municipalities are required to prepare, adopt and pursue an ADA transition plan to remove existing ADA barriers. The City's ADA transition plan is out of date and needs updated.
	Proposed Solution:	Prepare a new ADA transition plan for Public Works Facilities.
	Identified By:	Staff
	In Previous CIP?	No
	Related Project(s):	ST-088

6. **Project Name:** Primary Access to Urban Renewal Area

Project Number: ST-084

Timeframe: Short Term

Estimated Cost: $~~2,600,000~~3,197,000

Funding Source: Urban Renewal Agency (100%)

Problem: The Urban Renewal Area lacks a sufficient primary automobile, bicycle and pedestrian access road.

Proposed Solution: Acquire right-of-way and construct a new public street through the Columbia Factory Outlet Mall property from the intersection of SW 257th Avenue and SW 257th Way to the Urban Renewal Area.

Identified By: *Riverfront Renewal Plan, 2006*

In Previous CIP? No

Related Project(s): None

7. **Project Name:** Bicycle Parking in the CBD

Project Number: ST-081

Timeframe: Short Term

Estimated Cost: $ ~~30,000~~31,000

Funding Source: Bike Paths and Trails Fund (50%), Street Fund (50%)

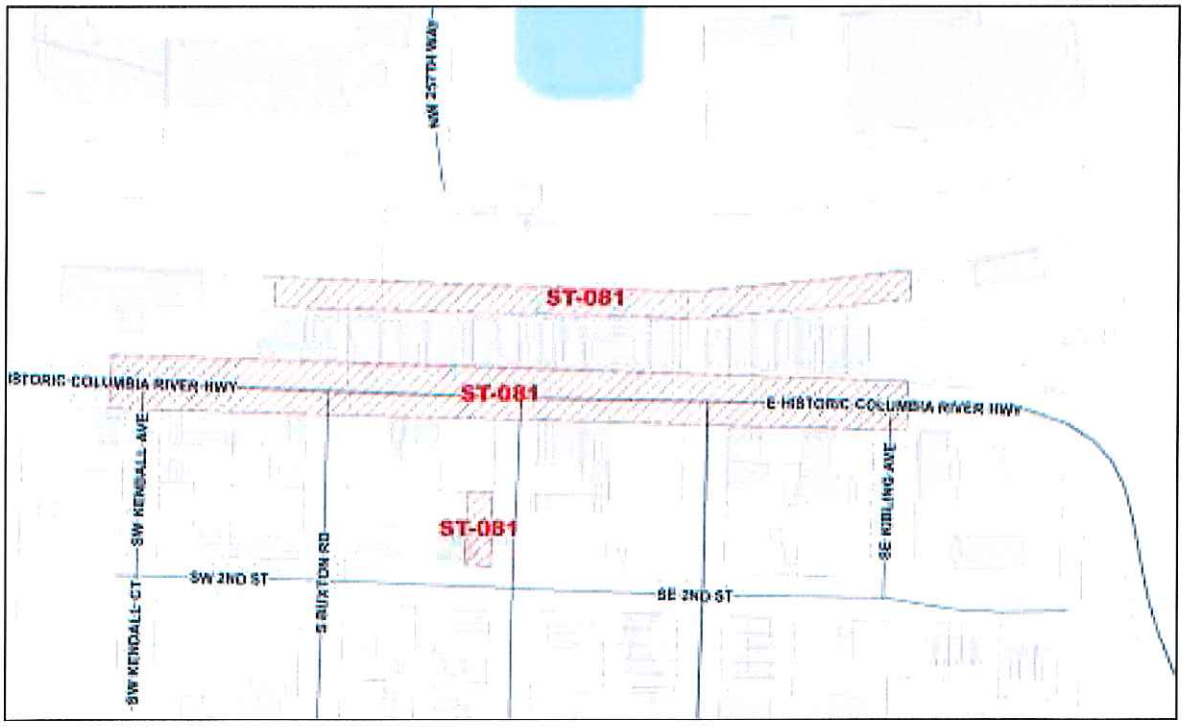
Problem: The CBD is a town center intended to be bicycle-friendly. Additionally, the CBD lies on a very popular bicycle touring route and experiences large, and increasing, bicycle traffic volumes. Bicycle parking is currently very limited in the CBD, discouraging CBD workers from bicycling and discouraging bicyclists from visiting and stopping in the CBD.

Proposed Solution: Install bicycle parking in the CBD at one or more locations, including covered/long-term bicycle parking

Identified By: *City of Troutdale Transportation System Plan* (Project B18)

In Previous CIP? No

Related Project(s): ~~ST-072,~~ ST-082, ST-090, ST-091



8. **Project Name:** Shared Roadway Pavement Markings

Project Number: ST-~~092~~091

Timeframe: Short Term

Estimated Cost: $ ~~60,000~~62,000

Funding Source: Street Fund (100%)

Problem: Several bicycle routes in the City do not have sufficient roadway space for dedicated bicycle lanes and are low-speed roads where bicycles can safely share the travel lanes with vehicles.

Proposed Solution: Install shared roadway pavement markings.

Identified By: *City of Troutdale Transportation System Plan* (Projects B11-B15)

In Previous CIP? No

Related Project(s): None

9. **Project Name:** Pedestrian Crossings/Traffic Calming in the CBD

Project Number: ST-079

Timeframe: Short Term

Estimated Cost: $ 150,000 (Total Cost) $ 22,500 (City Share)

Funding Source: County (50%), Developer (10%), Street Fund (25%)
Street Improvement Fund (15%)

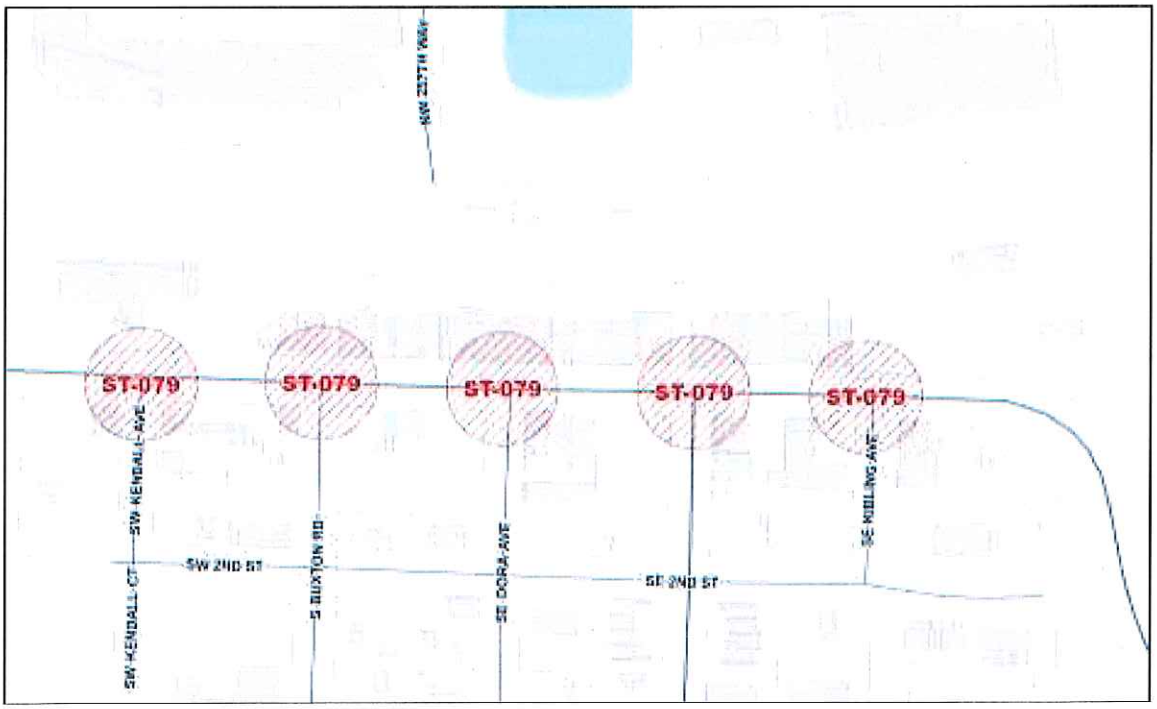
Problem: The CBD is a town center intended to be pedestrian-oriented, with additional focus on pedestrian safety, accessibility and circulation. Current configuration of Historic Columbia River Highway is auto-oriented and needs to be friendlier and more inviting to pedestrians, encourage pedestrians to circulate between north and south sides of street, and ADA compliant. On-street parking limits site distance for vehicles entering from side-streets. Traffic calming is needed to reduce vehicle speeds and improve vehicular and pedestrian safety.

Proposed Solution: Install curb extensions, including new ADA ramps, along HCRH at Kendall, Buxton, Dora, Harlow and Kibling intersections on north and south sides of HCRH

Identified By: *City of Troutdale Transportation System Plan* (Project P37)

In Previous CIP? No

Related Project(s): None



10. Project Name: Improve Stark Street from 257th to Troutdale Road

Project Number: ST-007

Timeframe: Short Term

Estimated Cost: $ ~~3,094,000~~3,690,000 (Total Cost) $ 369,000 (City Share)

Funding Source: County/Regional Funds (90%), Street Improvement Fund (10%)

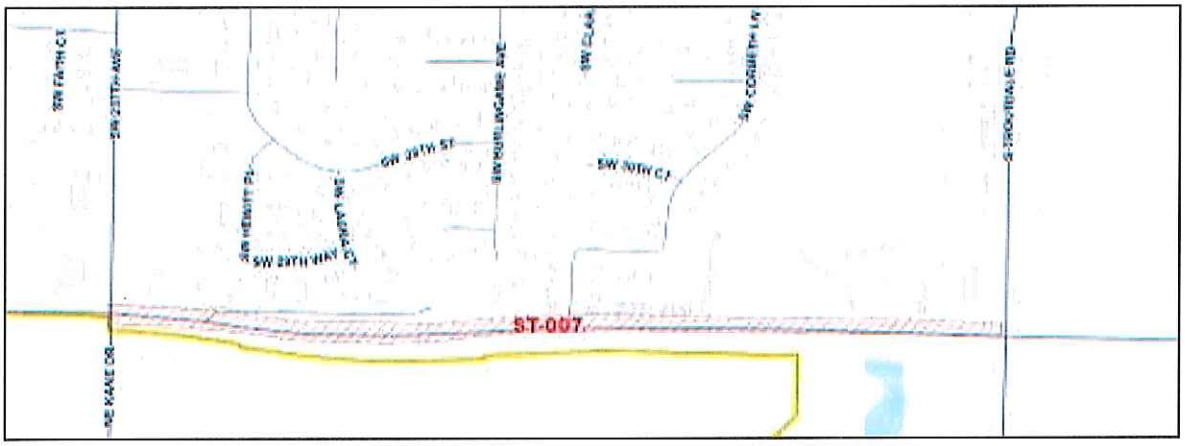
Problem: This portion of Stark Street needs additional travel lanes, a center turn lane, and bike and pedestrian capacity.

Proposed Solution: Widen this portion of Stark Street to provide four travel lanes and a turn lane, reduce vertical and horizontal curves, and construct sidewalks and bike lanes.

Identified By: *City of Troutdale Transportation System Plan* (Project M4), STIP, RTP

In Previous CIP? Yes

Related Project(s): SD-S27



11. Project Name: Halsey Corridor Plan

Project Number: ST-089

Timeframe: Short Term

Estimated Cost: TBD

Funding Source: Street Fund, General Fund

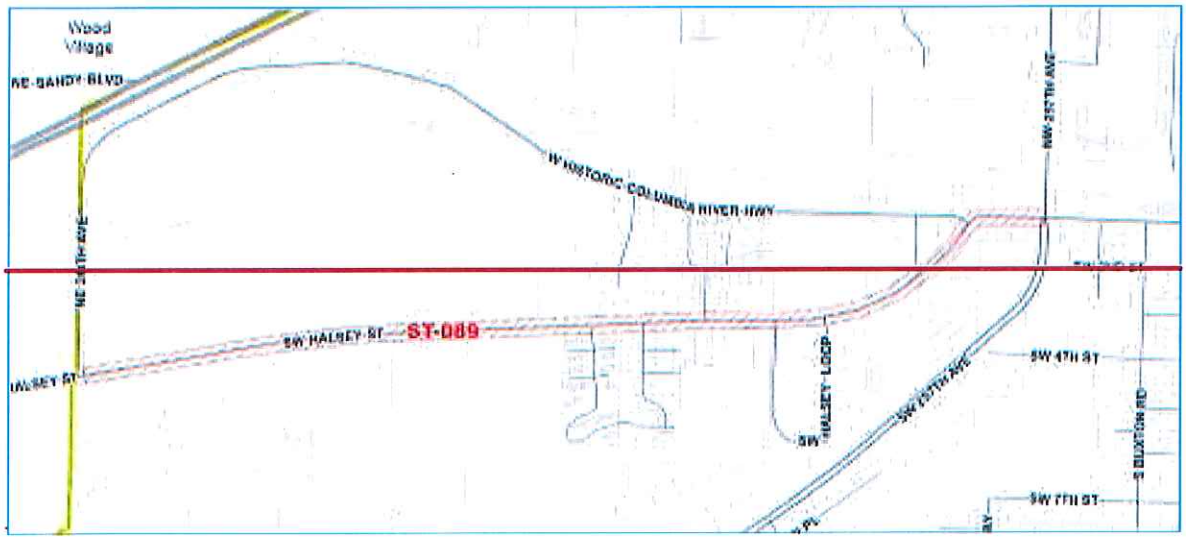
Problem: A cohesive corridor plan for Halsey Street is needed to provide a consistent and integrated design for the Halsey Street corridor in the cities of Troutdale, Wood Village and Fairview

Proposed Solution: Prepare a new Halsey Corridor Plan in collaboration with Multnomah County, Wood Village and Fairview

Identified By: Staff

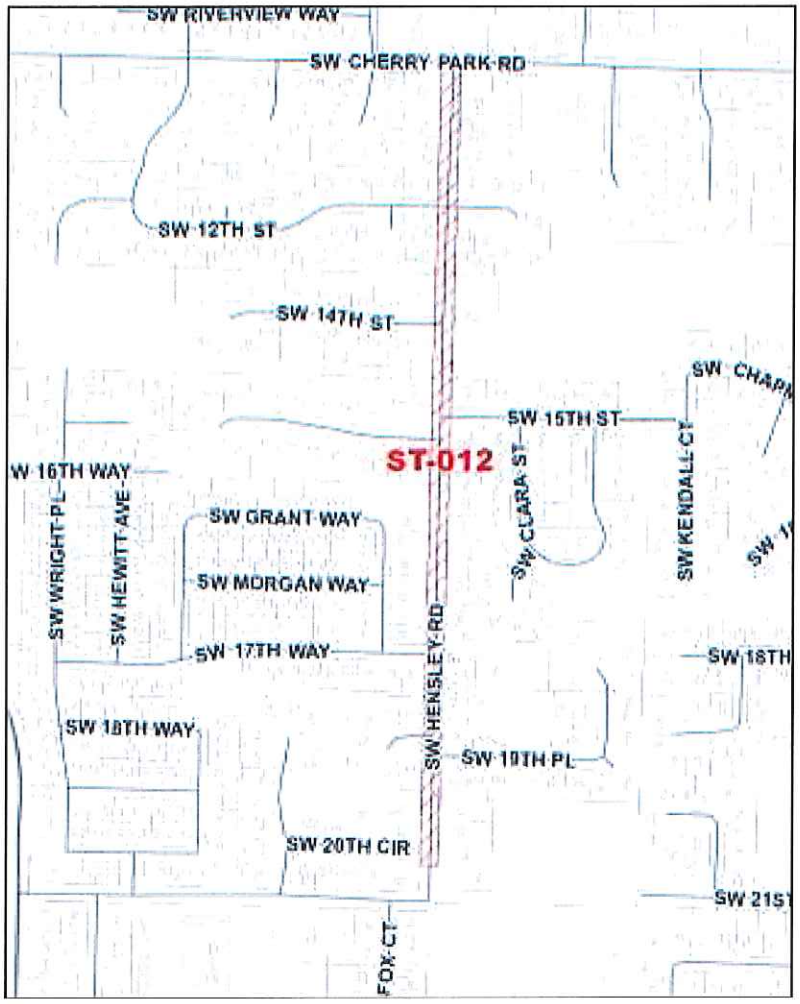
In Previous CIP? No

Related Project(s): None

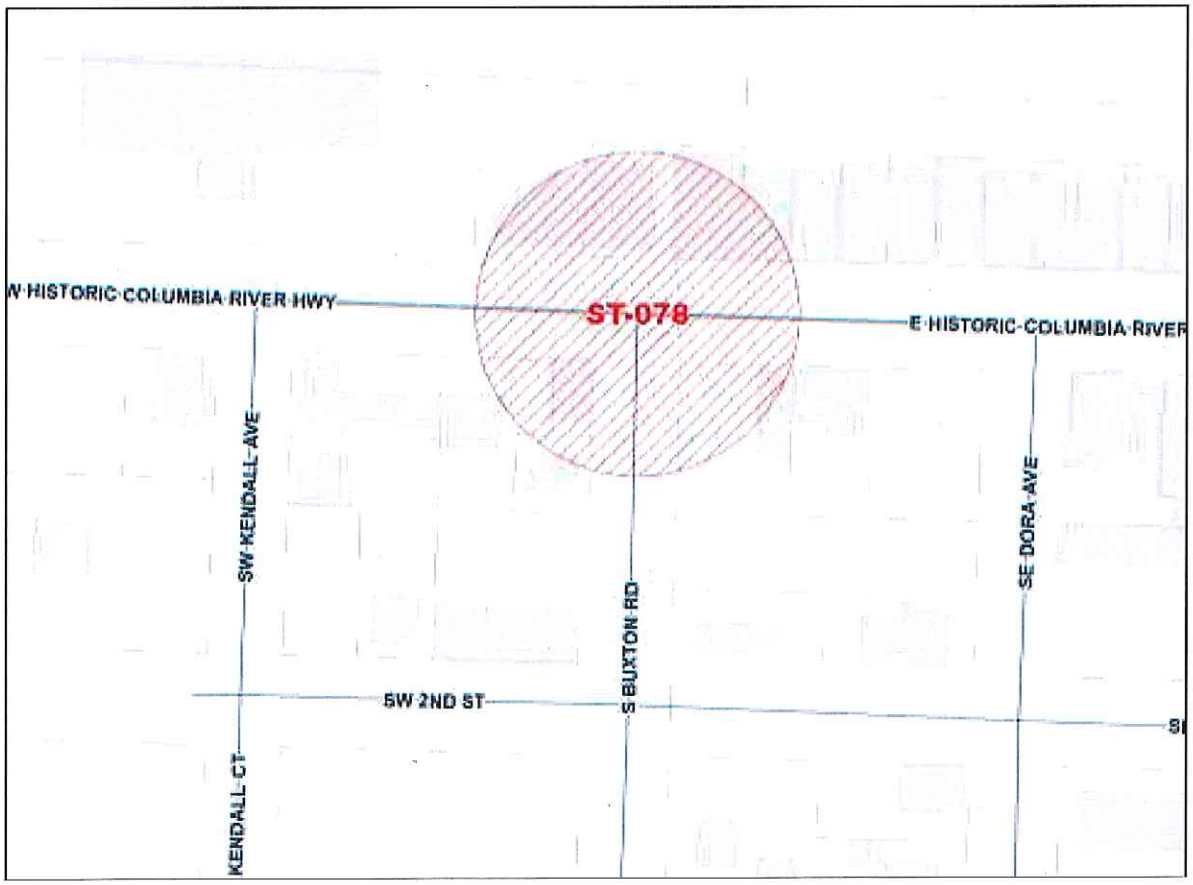


~~12.~~11. **Project Name:**	Construct Pedestrian Access ways
Project Number:	ST-064
Timeframe:	Short, Med and Long Term
Estimated Cost:	$ ~~75,000~~120,000
Funding Source:	Bike Paths and Trails Fund (100%)
Problem:	Lack of pedestrian connectivity in several areas of the City.
Proposed Solution:	Construct pedestrian connection access ways in various locations in the City.
Identified By:	Staff
In Previous CIP?	Yes
Related Project(s):	None

~~13.~~12. **Project Name:**	Improve SW Hensley Road – N/S leg
Project Number:	ST-012
Timeframe:	Medium Term
Estimated Cost:	$ ~~350,000~~300,000
Funding Source:	Street Improvement Fund (50%), Street Fund (50%)
Problem:	The north/south leg of SW Hensley does not meet current City street standards due to a lack of curbs, sidewalks and other standard streetscape elements.
Proposed Solution:	Improve SW Hensley Road by widening the roadway and constructing curbs, sidewalks, pedestrian crossings and other streetscape elements to meet current standards.
Identified By:	*City of Troutdale Transportation System Plan* (Project P8)
In Previous CIP?	Yes
Related Project(s):	SD-S34~~, UG-XX~~



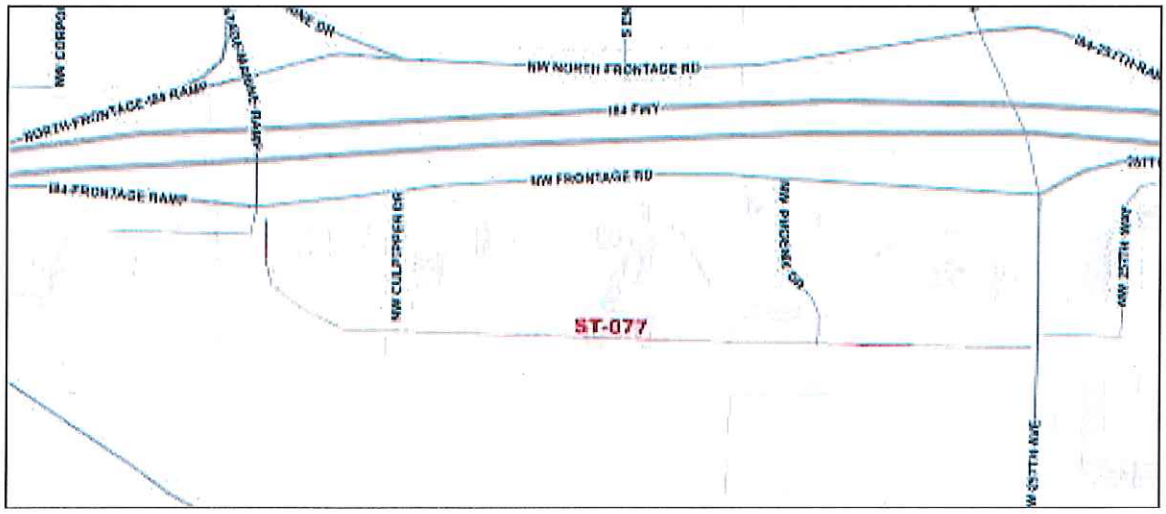
~~14.~~13. **Project Name:**	Signal at Buxton/Historic Columbia River Highway
Project Number:	ST-078
Timeframe:	Medium Term
Estimated Cost:	$ ~~1,000~~250,000 ~~(City Share: $200,000)~~
Funding Source:	County/Regional Funds (80%), Street Improvement Fund (20%)
Problem:	This intersection is currently stop controlled and experiences heavy volumes during peak hours. Proximity to 257/HCRH intersection creates traffic issues and backups. There is limited opportunity for traffic making a left turn from Buxton onto the Historic Columbia River Highway, resulting in delay and backups on Buxton.
Proposed Solution:	Install a traffic signal at the intersection of Buxton Avenue and the Historic Columbia River Highway. Coordinate signal phasing with 257th/Columbia River Highway signal.
Identified By:	*City of Troutdale Transportation System Plan* (Project M11)
In Previous CIP?	Yes
Related Project(s):	None



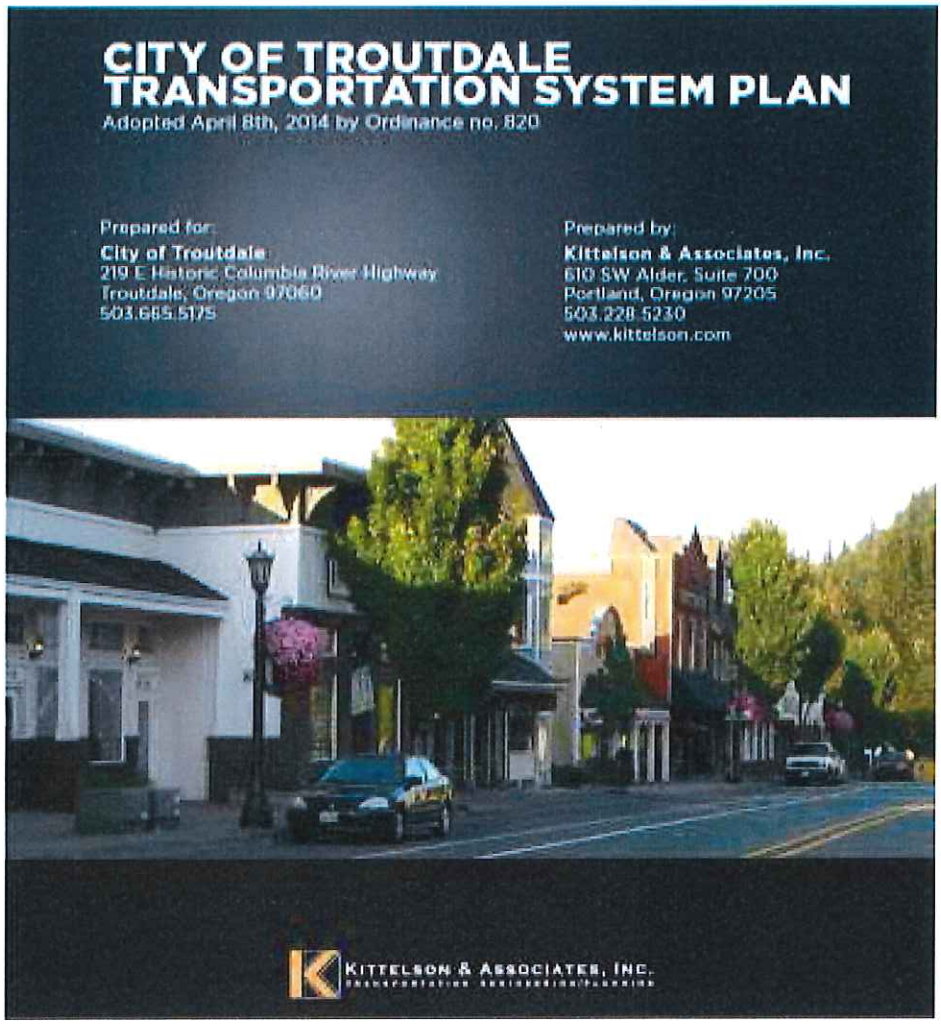
~~15.~~14. **Project Name:**	Reconstruct and Improve NW Dunbar Avenue
Project Number:	ST-045
Timeframe:	Medium Term
Estimated Cost:	$ ~~450,000~~468,000
Funding Source:	Street Improvement Fund (50%), Street Fund (50%)
Problem:	NW Dunbar Avenue does not meet current City street standards due to insufficient pavement width, curbs, sidewalks and other standard streetscape elements.~~is too narrow and lacks sidewalks~~.
Proposed Solution:	Improve NW Dunbar Avenue by widening the roadway and constructing curbs, sidewalks, pedestrian crossings and other streetscape elements to meet the ~~it, constructing sidewalks, and making related improvements to bring it to~~ commercial/industrial standard.
Identified By:	*City of Troutdale Transportation System Plan* (Project M14)
In Previous CIP?	Yes
Related Project(s):	SD-N16

~~16.~~15. **Project Name:**	Pedestrian Bridge from CBD to URA
Project Number:	ST-085
Timeframe:	Long Term
Estimated Cost:	$ ~~2,500,000~~3,074,000
Funding Source:	Urban Renewal Agency (100%)
Problem:	There is a lack of direct pedestrian connectivity between the URA and the CBD. The Union Pacific Railroad (UPRR) presents a barrier to developing traditional ground-level pedestrian connections between the CBD and the URA.
Proposed Solution:	Construct a pedestrian bridge over the UPRR right of way between the CBD and the URA.
Identified By:	*Riverfront Renewal Plan, 2006*
In Previous CIP?	No
Related Project(s):	None

~~17.~~16. **Project Name:**	Backage Road (Marine Drive Extension)
Project Number:	ST-077
Timeframe:	Long Term
Estimated Cost:	$ ~~8,163,000~~ 9,737,000 (Total Cost) $ 1,168,000 (City Share)
Funding Source:	ODOT STIP (88%), Street Improvement (12%)
Problem:	There are congestion and turning movement conflicts on the southern Frontage Road.
Proposed Solution:	Construct a roadway from the intersection of Marine Drive/South Frontage Road southerly and easterly to the intersection of 257th Drive/257th Way behind the Frontage Road businesses.
Identified By:	*City of Troutdale Transportation System Plan* (Project M9), *Troutdale Interchange Area Management Plan, 2011*
In Previous CIP?	Yes
Related Project(s):	None



~~18.~~17. **Project Name:**	Update the Transportation System Plan
Project Number:	ST-086
Timeframe:	Long Term
Estimated Cost:	$100,000
Funding Source:	General Fund-Planning (50%), Street Improvement (50%)
Problem:	The current Transportation System Plan, prepared in 2014, will be in need of update. The need to update may also be driven by Periodic Review or other state Planning requirements.
Proposed Solution:	Prepare an updated Transportation System Plan.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	None



~~19.~~18. Project Name: Sidewalk Infill

Project Number: ST-087

Timeframe: Ongoing

Estimated Cost: $~~7,500~~75,000 ~~annually~~

Funding Source: Bike Paths and Trails Fund (50%), Street Fund (50%)

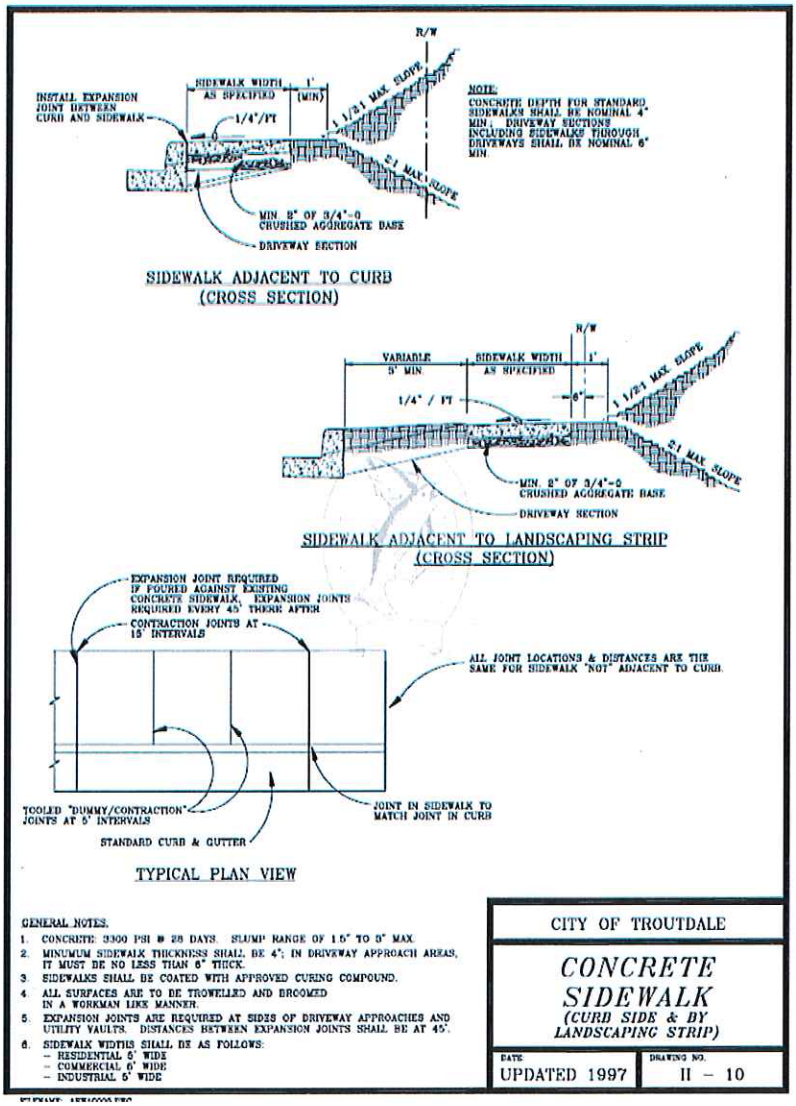
Problem: There are numerous gaps in the City's sidewalk system and some streets lack sidewalks entirely.

Proposed Solution: Construct sidewalks to infill gaps and to provide sidewalks on streets that have none.

Identified By: Staff

In Previous CIP? No

Related Project(s): None



~~20.~~19. **Project Name:**	ADA Infill/Upgrades on Public Streets
Project Number:	ST-088
Timeframe:	Ongoing
Estimated Cost:	$250,000 ~~annually~~
Funding Source:	Street Fund (50%), Bike Paths and Trails Fund (50%)
Problem:	The ADA Transition Plan will identify needed ADA infill and upgrade projects.
Proposed Solution:	Construct new and upgraded ADA facilities on public streets where directed by the ADA Transition Plan.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	ST-083

CIP Summary Tables (DRAFT)

TRANSPORTATION

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Improve NW Graham Road	ST-080	Immediate (in progress)	$ 3,400,000	$ 550,000	Port, ODOT STIP, JTA ($2,850,000) Street Imp ($550,000)	Y	SD-N20
Downtown Parking Lot	ST-089	Immediate (in progress)	$ 50,000	$ 50,000	Police Facility Capital Project Fund (100%)	N	~~ST-082~~, ST-081
Downtown Parking Study	ST-090	Immediate	$ 51,000	$ 51,000	Street (25%), General [Planning] (50%), Street Imp (25%)	N	ST-081, ST-082, ST-089
Columbia Gorge Bike Hub	ST-082	Immediate	$ 85,000	$ -	ODOT (100%)	N	ST-090, ST-081
ADA Transition Plan for PW Facilities	ST-083	Immediate	$ 15,000	$ 15,000	Public Works Management (100%)	N	ST-088
Primary Access to Urban Renewal Area	ST-084	Short	$ 3,197,000	$ 3,197,000	URA (100%)	N	None
Bicycle Parking in the CBD	ST-081	Short	$ 31,000	$ 31,000	Bike Paths/Trails (50%), Street (50%)	N	~~ST-072,~~ ST-082, ST-090, ST-091
Shared Roadway Pavement Markings	ST-091	Short	$ 62,000	$ 62,000	Street (100%)	N	None
Pedestrian Crossings/Traffic Calming in the CBD	ST-079	Short	$ 150,000	$ 60,000	County (50%), Developer (10%), Street (25%), Street Imp (15%)	N	None
Improve Stark Street from 257th to Troutdale Road	ST-007	Short	$ 3,690,000	$ 369,000	County/Regional Funds (90%) Street Imp (10%)	Y	SD-S27
~~Halsey Corridor Plan~~	~~ST-089~~	~~Short~~	~~XXX~~	~~XXX~~	~~Street, General, Regional~~	~~N~~	~~None~~
Construct Pedestrian Accessways	ST-064	Short, Med, and Long	$ 120,000	$ 120,000	Bike Paths/Trails (100%)	Y	None
Improve SW Hensley Road - N/S Leg	ST-012	Medium	$ 300,000	$ 300,000	Street Imp (50%) Street (50%)	Y	SD-S34, UG-XX
Signal at Buxton/Historic Columbia River Highway	ST-078	Medium	$ 250,000	$ 50,000	County (80%) Street Imp (20%)	Y	None
Reconstruct and Improve NW Dunbar Avenue	ST-045	Medium	$ 468,000	$ 468,000	Street Imp (50%), Street (50%)	Y	SD-N16
Pedestrian Bridge from CBD to URA	ST-085	Long	$ 3,074,000	$ 3,074,000	URA (100%)	N	None
Backage Road (Marine Drive Extension)	ST-077	Long	$ 9,737,000	$ 1,168,000	ODOT STIP (88%), Street Imp (12%)	Y	None
Update the Transportation System Plan	ST-086	Long	$ 100,000	$ 100,000	General Fund [Planning] (50%) Street Imp (50%)	N	None
Sidewalk Infill	ST-087	Ongoing	$ 75,000	$ 75,000	Bike Paths/Trails (50%), Street (50%)	N	None
ADA Infill/Upgrades on Public Streets	ST-088	Ongoing	$ 250,000	$ 250,000	Bike Paths/Trails (50%), Street (50%)	N	ST-083
		TOTALS	$ 25,105,000	$ 9,990,000			

DELETED AND EXCLUDED PROJECTS	Project #	In Previous CIP?	Estimated Total Cost	Estimated City Cost	Funding Source(s)	Reason for Deletion/Exclusion
Halsey Corridor Plan	NA	N	TBD	TBD	TBD	Project and City Participation yet undefined
Widen SW 21st Street	ST-075	Y	$ 108,000	$ 108,000	Street Imp	Completed
Pedestrian Crossing on Troutdale Road	ST-076	Y	$ 16,000	$ 16,000	Street Imp	Completed
Transportation Improvements in N Industrial Area	ST-072	Y	$ 300,000	$ 300,000	Street Imp	Unnecessary due to TRIP
Improve 242nd from Stark To Cherry Park Road	ST-073	Y	$ 3,000,000	$ 300,000	Street Imp, Gresham, MTIP	Completed by Gresham w/out Troutdale funds
		TOTALS	$ 3,424,000	$ 724,000		

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr)
Cost Basis: 2016 Dollars

EXHIBIT B

Water Improvements

1. **Project Name:** Reservoir Seismic Study

   Project Number: WA-044

   Timeframe: Short Term

   Estimated Cost: $ ~~88,000~~86,000

   Funding Source: Water Fund (100%)

   Problem: The City's drinking water reservoirs were built prior to the implementation of current seismic standards and appear to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoirs should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.

   Proposed Solution: Conduct a study to determine the seismic performance of all four of the City's reservoirs under the MCE event scenario and to make specific retrofit recommendations for each reservoir to improve its ability to survive the MCE event without failure or loss of contents. This will inform and determine the specific scopes of work for WA-045 and WA-046.

   Identified By: *City of Troutdale Water Master Plan, 2012*

   In previous CIP? Yes

   Related Project(s): WA-045, WA-046

2. Project Name: Extend Water Line from Spectro (Commerce Court) to Galli Container Storage Property (formerly RMAC)

Project Number: WA-028

Timeframe: Short Term

Estimated Cost: $ ~~94,000~~80,000

Funding Source: Water Improvement Fund (100%)

Problem: The water distribution system is not looped in this area.

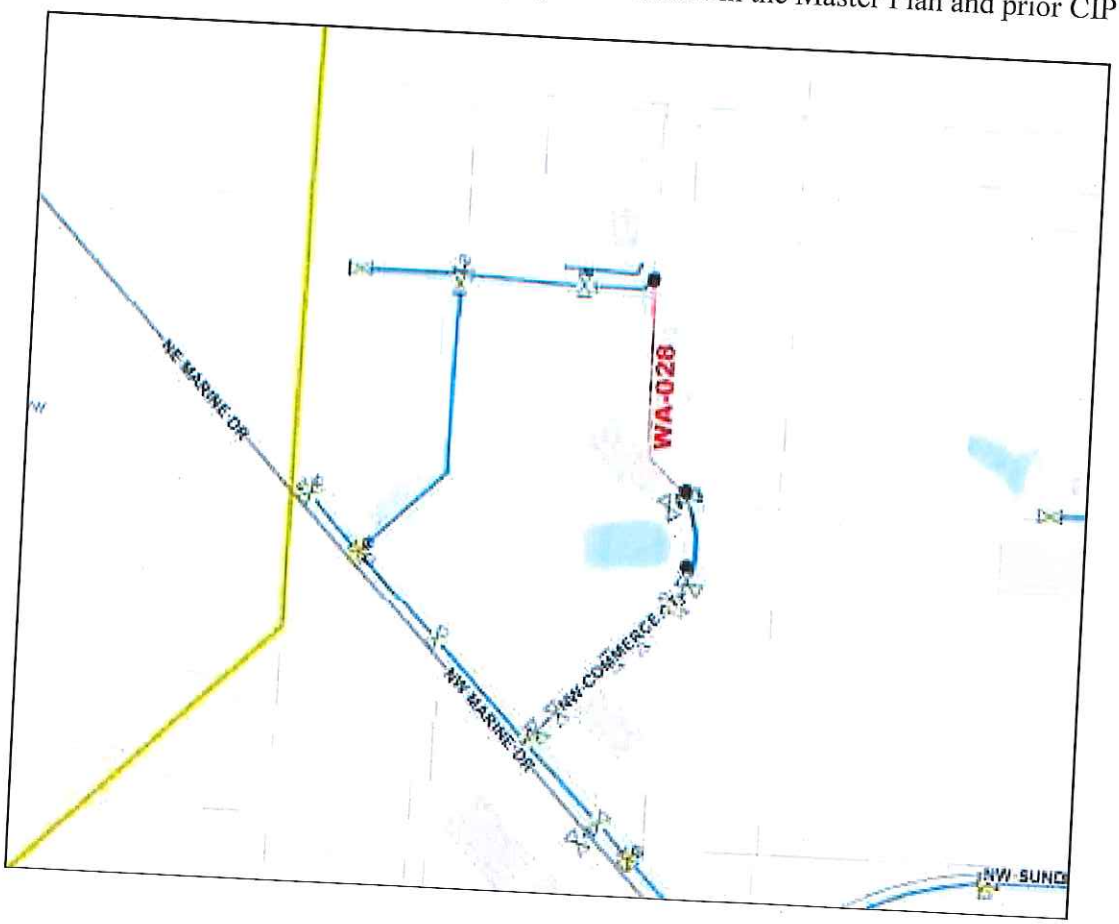
Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This increased capacity and reliability is needed to serve growth in the north industrial area.

Identified By: *City of Troutdale Water Master Plan, 2012,* Staff*

In previous CIP? Yes*

Related Project(s): WA-040

*This is a staff-developed variation on the project identified in the Master Plan and prior CIP



3. **Project Name:** Rogers Circle to Spectro (Commerce Court) Water Main Loop

Project Number: WA-040

Timeframe: Short Term

Estimated Cost: $ ~~75,000~~97,000

Funding Source: Water Improvement Fund (50%), Water Fund (50%)

Problem: The water distribution system is not looped in this area.

Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This increased capacity and reliability is needed to serve growth in the north industrial area.

Identified By: *City of Troutdale Water Master Plan, 2012*/Staff*

In previous CIP? Yes*

Related Project(s): WA-028

*This is a staff-developed variation on the project identified in the Master Plan and prior CIP

4. **Project Name:** Urban Renewal Area to Harlow Place Loop

Project Number: WA-042

Timeframe: Short Term

Estimated Cost: $ ~~171,000~~155,000

Funding Source: ~~Water Improvement Fund,~~ Developer (90%), URA (10%)

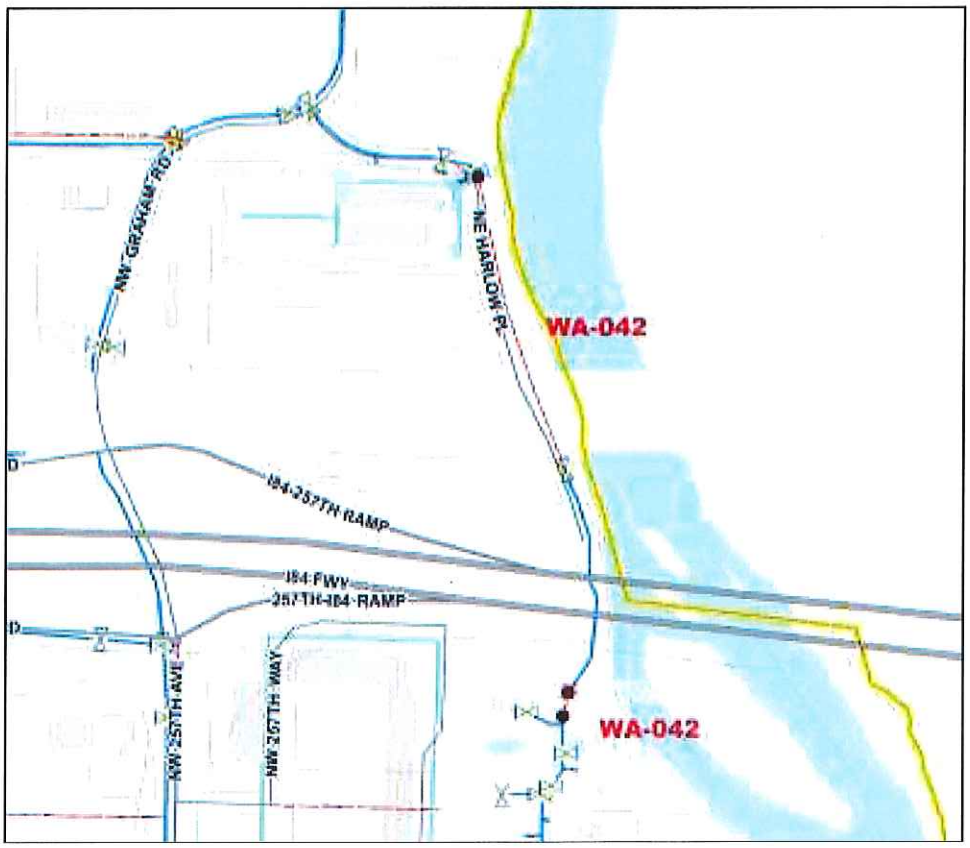
Problem: The water distribution system is not looped in this area.

Proposed Solution: Construct two water line segments to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This improvement is needed to serve growth in the URA and along Harlow Place. Additionally, this loop will increase capacity and reliability of fire flows to serve growth in the north industrial area. Include a PRV at the pressure zone boundary.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



5. **Project Name:** 7th Street – Kings Byway Water Main Upsizing

Project Number: WA-048

Timeframe: Short Term

Estimated Cost: $ ~~435,000~~425,000

Funding Source: Water Fund (100%)

Problem: Modeled fire flows along Kings Byway are below current firefighting standards. Residents along these streets experience low pressures when the altitude valve at Reservoir #1 opens, due to the higher velocities developed in the existing small main.

Proposed Solution: Upsize the water main in 7th Street and Kings Byway from 6" to 8" diameter.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None

6. Project Name: Upgrade Booster Pump Station No. 2

Project Number: WA-047

Timeframe: Short Term

Estimated Cost: $ 50,000

Funding Source: Water Fund (100%)

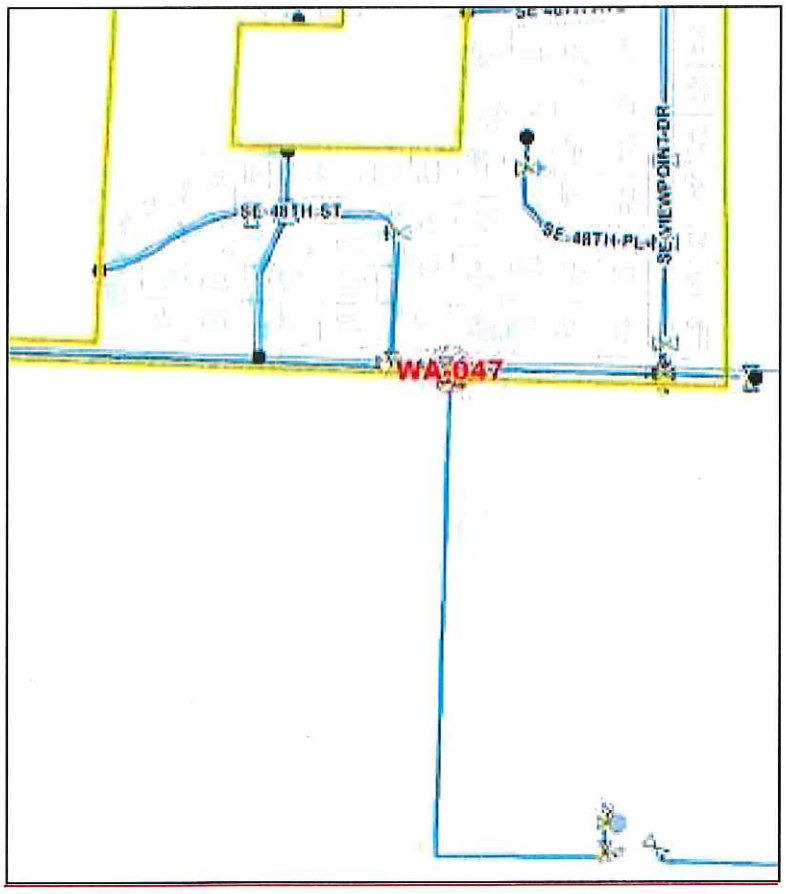
Problem: Booster pump station No. 2 boosts pressure and flow to the southernmost service area of the City (Zone 6). The current booster station is under capacity and, as a result, the service area experiences periods of low pressure and fire flows could be impaired.

Proposed Solution: Upgrade the booster pumping station to increase capacity, providing more reliable service pressures and fire flows.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



7. **Project Name:** SW Cherry Park Road to SW Spence Rd Loop

Project Number: WA-049

Timeframe: Medium Term

Estimated Cost: $ 65,000

Funding Source: Developers (100%)

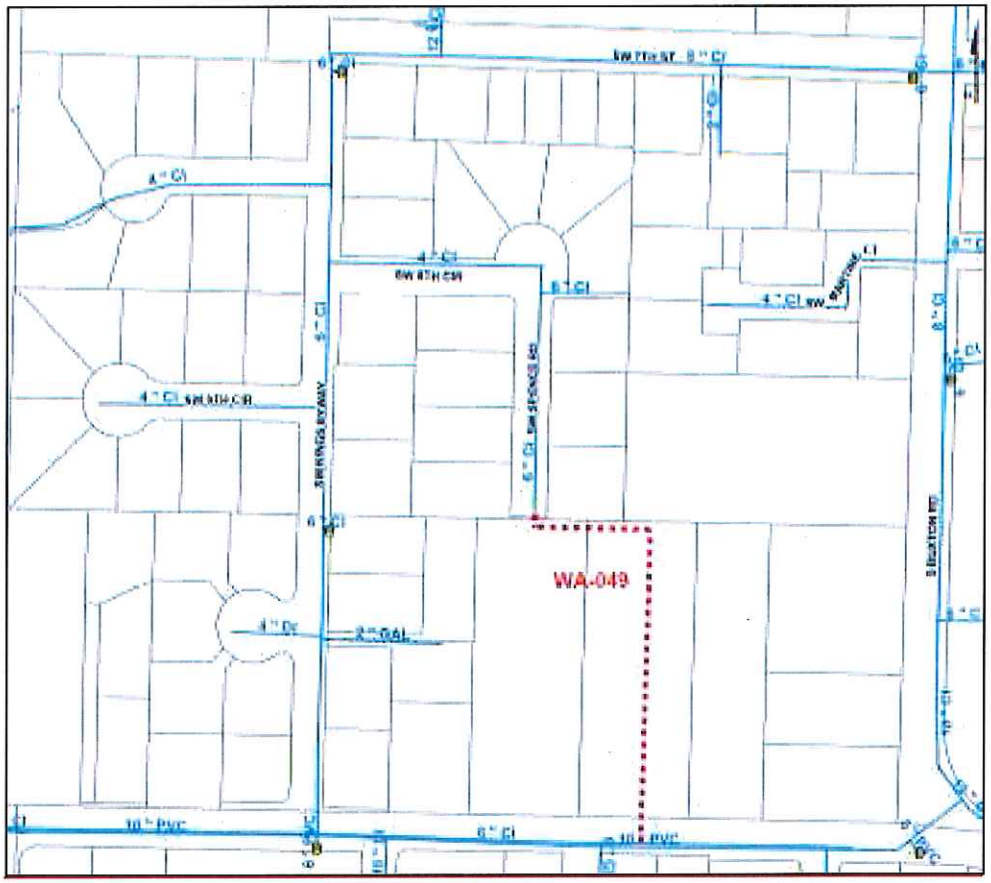
Problem: The water distribution system is not looped in this area. Modeled fire flows along Spence Rd are inadequate.

Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This loop will additionally benefit infill subdivision development of the adjacent properties on Cherry Park Road by providing a water main to serve those properties.

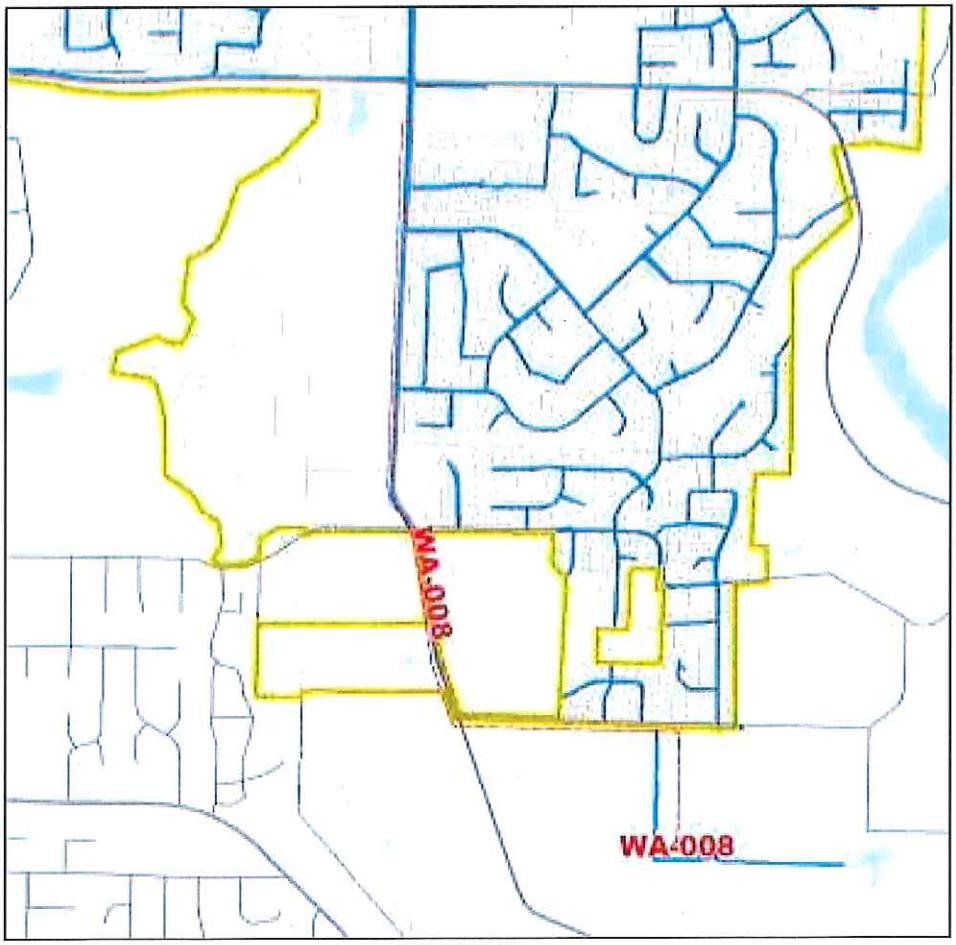
Identified By: Staff

In previous CIP? No

Related Project(s): None



~~6.~~8.Project Name:	Construct a 1.0 MG Standpipe (Reservoir No. 5) with line to Zone 1
Project Number:	WA-008
Timeframe:	Medium Term
Estimated Cost:	$ ~~3,025,000~~2,257,000
Funding Source:	Water Improvement Fund (100%)
Problem:	There is inadequate storage for Zones 1, 2, & 3. Zone 6 currently requires booster pumping to maintain adequate service pressures and flows.
Proposed Solution:	Construct a 1.0 MG Standpipe to provide additional capacity for fire flow and periods that wells are inoperative or unable to meet demand, with a transmission line connecting to pressure Zone 1 at Stark Street. Interconnect current Zone 6 to incorporate Zone 6 into Zone 1.
Identified By:	*City of Troutdale Water Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None



~~7.~~9.**Project Name:**	Rogers Circle to Graham Circle Water Main Loop
Project Number:	WA-041
Timeframe:	Medium Term
Estimated Cost:	$ ~~107,000~~65,000
Funding Source:	Water Fund (100%)
Problem:	The water distribution system is not looped in this area.
Proposed Solution:	Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments.
Identified By:	Staff
In previous CIP?	No
Related Project(s):	None

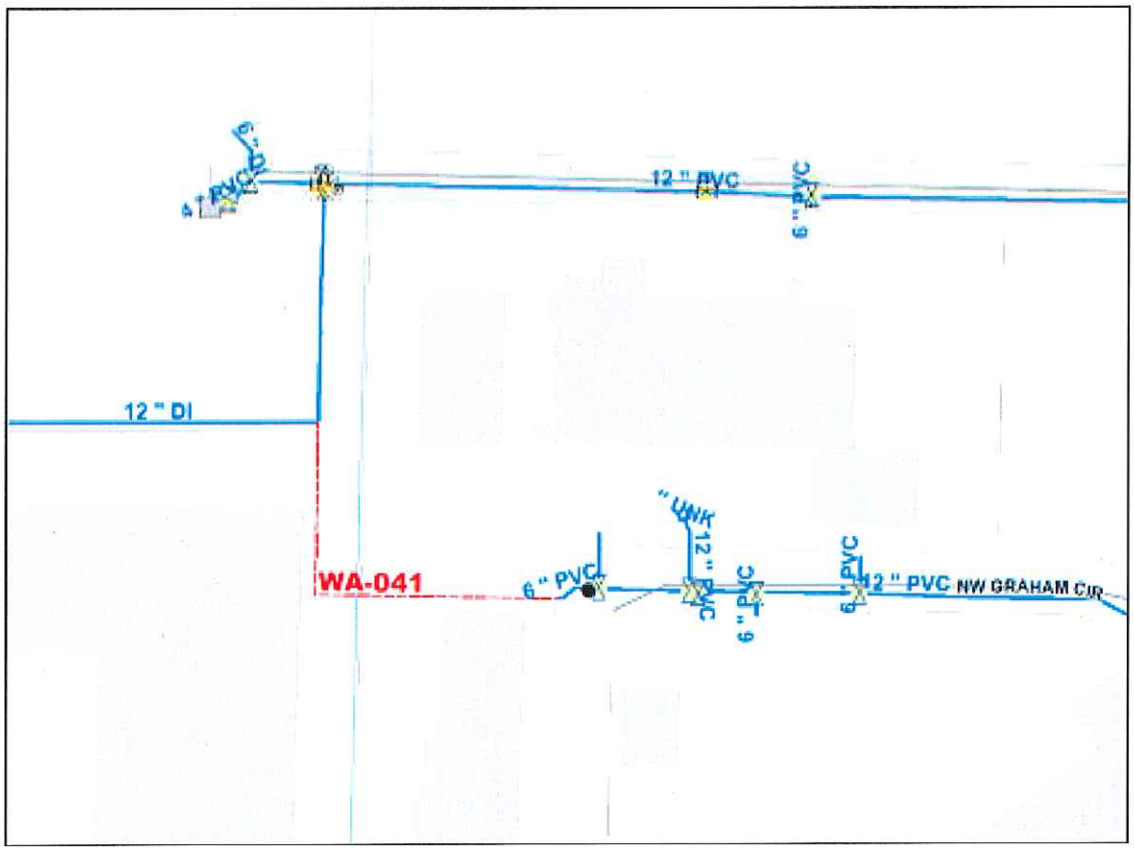


EXHIBIT B

~~8.~~10. Project Name: Well No. 9

Project Number: WA-043

Timeframe: Medium Term

Estimated Cost: $ ~~2,925,000~~2,269,000

Funding Source: Water Improvement Fund (100%)

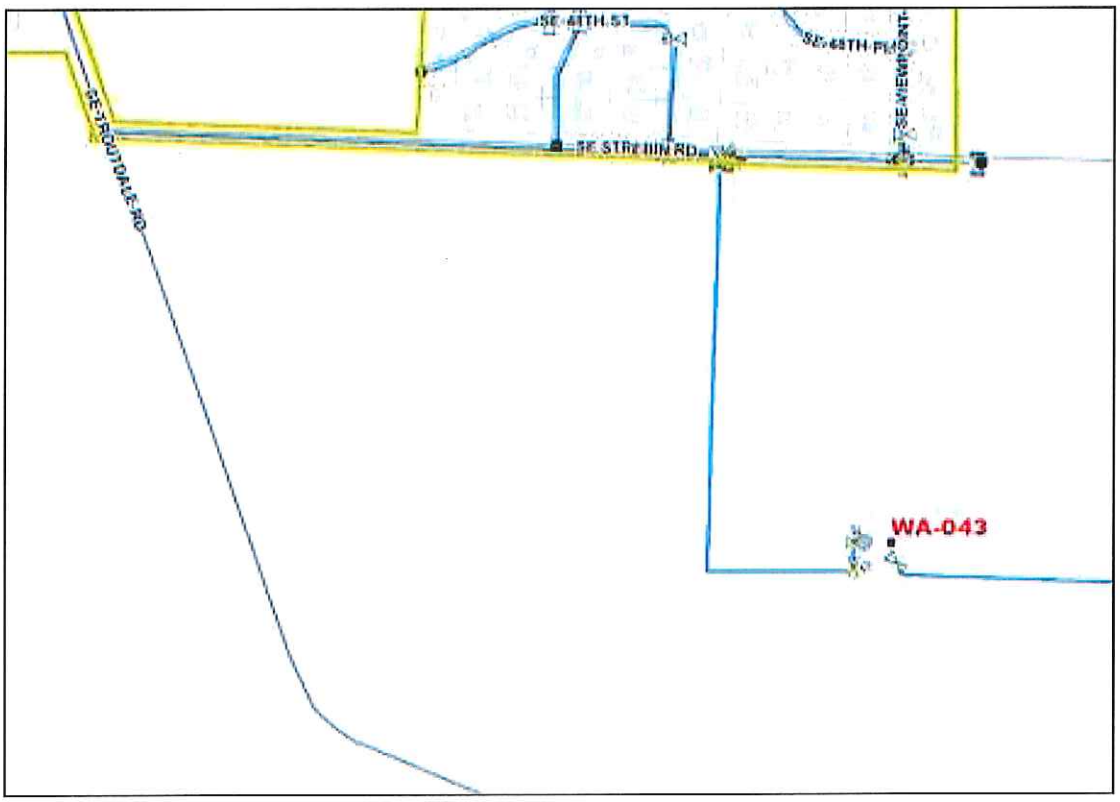
Problem: Firm production capacity of the City's well field will not meet future demands

Proposed Solution: Construct an additional well to provide additional firm production needed to meet future demand

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



~~9.~~11. Project Name: Reservoir No. 2 Seismic Improvements

Project Number: WA-045

Timeframe: Long Term

Estimated Cost: $ ~~550,000~~339,000

Funding Source: Water Fund (100%)

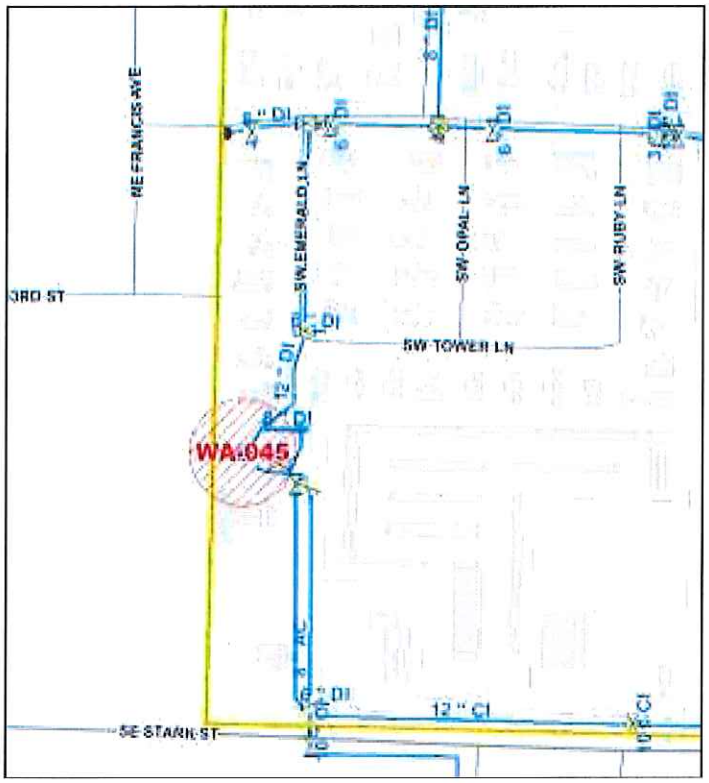
Problem: Reservoir 2 was built prior to the implementation of current seismic standards and appears to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoir 2 is the City's most important reservoir, and also the reservoir with the highest potential property damage consequence in a structural failure. Reservoir 2 should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.

Proposed Solution: Retrofit seismic upgrades to the reservoir in accordance with the recommendation of a reservoir seismic study.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): WA-044



~~10.~~12. **Project Name:**	Reservoir Nos. 1, 3 and 4 Seismic Improvements
Project Number:	WA-046
Timeframe:	Long Term
Estimated Cost:	$ ~~480,000~~402,000
Funding Source:	Water Fund (100%)
Problem:	Reservoirs 1, 3 and 4 were built prior to the implementation of current seismic standards and appear to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoirs 1, 3 and 4 should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.
Proposed Solution:	Retrofit seismic upgrades to the reservoirs in accordance with the recommendation of a reservoir seismic study.
Identified By:	*City of Troutdale Water Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	WA-044

~~11.1.~~ ~~**Project Name:** Upgrade Booster Pump Station No. 2~~

~~**Project Number:** WA-047~~

~~**Timeframe:** Short Term~~

~~**Estimated Cost:** $ 50,000~~

~~**Funding Source:** Water Fund~~

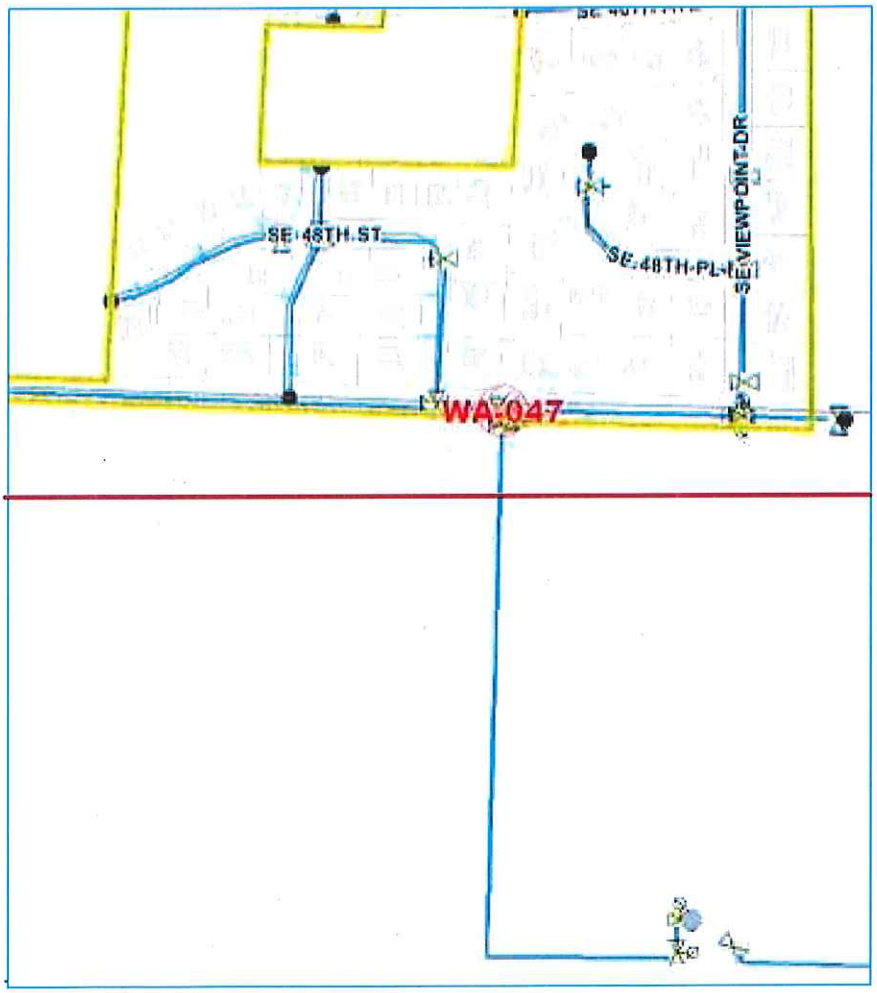
~~**Problem:** Booster pump station No. 2 boosts pressure and flow to the southernmost service area of the City (Zone 6). The current booster station is under capacity and, as a result, the service area experiences periods of low pressure and fire flows could be impaired.~~

~~**Proposed Solution:** Upgrade the booster pumping station to increase capacity, providing more reliable service pressures and fire flows.~~

~~**Identified By:** *City of Troutdale Water Master Plan, 2012*~~

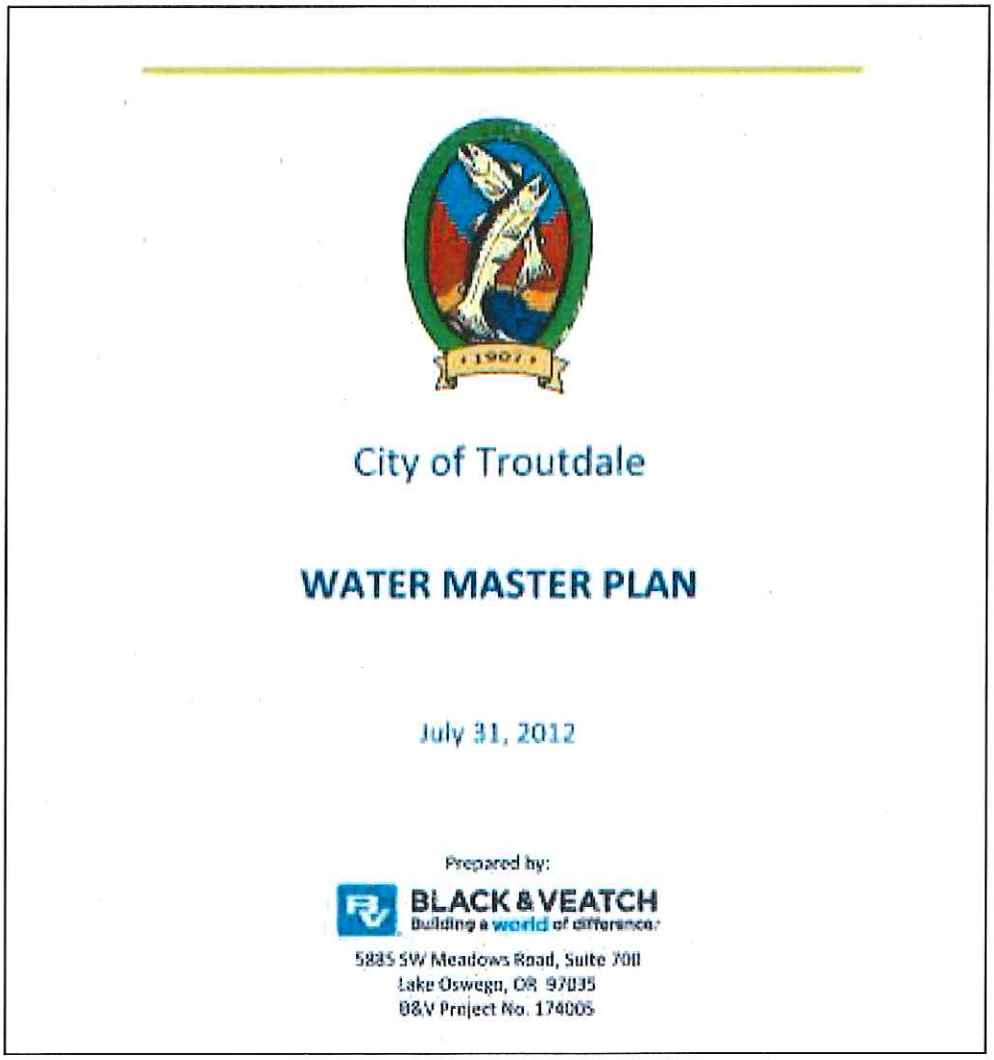
~~**In previous CIP?** Yes~~

~~**Related Project(s):** None~~



EXHIBT B

~~12.~~13. **Project Name:**	Update the Water Master Plan
Project Number:	WA-038
Timeframe:	Long Term
Estimated Cost:	$ ~~125,000~~100,000
Funding Source:	Water Improvement Fund (50%), Water Fund (50%)
Problem:	The current Water Master Plan was prepared in 2012 and will need updated.
Proposed Solution:	Update the Waster Master Plan.
Identified By:	Staff
In previous CIP?	No
Related Project(s):	None



CIP Summary Tables (DRAFT)

WATER

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Reservoir Seismic Study	WA-044	Short	$ 86,000	$ 86,000	Water (100%)	Y	WA-045, WA-046
Extend Waterline from Spectro to Galli	WA-028	Short	$ 80,000	$ 80,000	Water Imp (100%)	Y	WA-040
Rogers Circle to Spectro Water Main Loop	WA-040	Short	$ 97,000	$ 97,000	Water Imp (50%) Water (50%)	Y	WA-028
Urban Renewal Area to Harlow Place Loop	WA-042	Short	$ 155,000	$ 15,500	~~Water Imp,~~ Developer (90%), URA (10%)	Y	None
7th Street - Kings Byway Water Main Upsizing	WA-048	Short	$ 425,000	$ 425,000	Water (100%)	Y	None
Upgrade Booster Pump Station No. 2	WA-047	Short	$ 50,000	$ 50,000	Water (100%)	Y	None
SW Cherry Park Road to SW Spence Rd Loop	WA-049	Short	$ 65,000	$ -	Developers (100%)	N	None
Reservoir 5 w/ line to Zone 1	WA-008	Medium	$ 2,257,000	$ 2,257,000	Water Imp (100%)	Y	None
Rogers Circle to Graham Circle Water Main Loop	WA-041	Medium	$ 65,000	$ 65,000	Water (100%)	N	None
Well No. 9	WA-043	Medium	$ 2,269,000	$ 2,269,000	Water Imp (100%)	Y	None
Reservoir No. 2 Seismic Improvements	WA-045	Long	$ 339,000	$ 339,000	Water (100%)	Y	WA-044
Reservoir Nos. 1, 3, and 4 Seismic Improvements	WA-046	Long	$ 402,000	$ 402,000	Water (100%)	Y	WA-044
Update the Water Master Plan	WA-038	Long	$ 100,000	$ 100,000	Water Imp (50%), Water (50%)	N	None
		TOTALS	$ 6,390,000	$ 6,185,500			

DELETED AND EXCLUDED PROJECTS	Project #	In Previous CIP?	Estimated Total Cost	Estimated City Cost	Funding Source(s)	Reason for Deletion/Exclusion
Comprehensive Well Assessment	NA	Y	$ 50,000	$ 50,000	Water	Completed
Beaver Creek Crossing	NA	Y	$ 110,000	$ 110,000	Water	Unnecessary, constraints, adequately looped
Jackson Park Road Waterline	NA	Y	$ 360,000	$ -	LID	Council deletion of similar sewer extension
Improving Water Quality	NA	Y	$ 100,000	$ 100,000	Water	Initial eval completed with well asessment
Loop Water Line: SW 21st to Sunrise Park	WA-007	Y	$ 85,000	$ 85,000	Water	Unnecessary, constraints, adequately looped
		TOTALS	$ 705,000	$ 345,000		

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr)
Cost Basis: 2016 Dollars

EXHIBIT C

Sanitary Sewer Improvements

1. **Project Name:** GO Bond Debt Service

   Project Number: NA

   Timeframe: Through FY 2017-18

   Estimated Cost: $ 11,389,291 (Remaining Balance: $ 3,555,000)

   Funding Source: Sanitary Sewer Improvement Fund (39%), Sewer Fund (28%) and Property Tax (33%).

   Problem: Although the new treatment facility constructed with these GO bonds provided for a 47% increase in capacity (from 1.6 mgd to 3.0 mgd), the City Council determined that only 39% of the debt service payments should be paid by the Sanitary Sewer Improvement Fund.

   Proposed Solution: Pay 39% of the debt service payment from the Sanitary Sewer Improvement Fund, plus an additional $1,128,400 originally intended to be paid from SDCs but actually paid from property taxes due to lack of SDC revenue.

   Identified By: Staff

   In Previous CIP? Yes

   Related Project(s): None

2. **Project Name:** Upgrade Pump Station #5 (Beaver Creek Pump Station)

Project Number: SA-046

Timeframe: Immediate (In progress)

Estimated Cost: $ 750,000

Funding Source: Sewer Fund

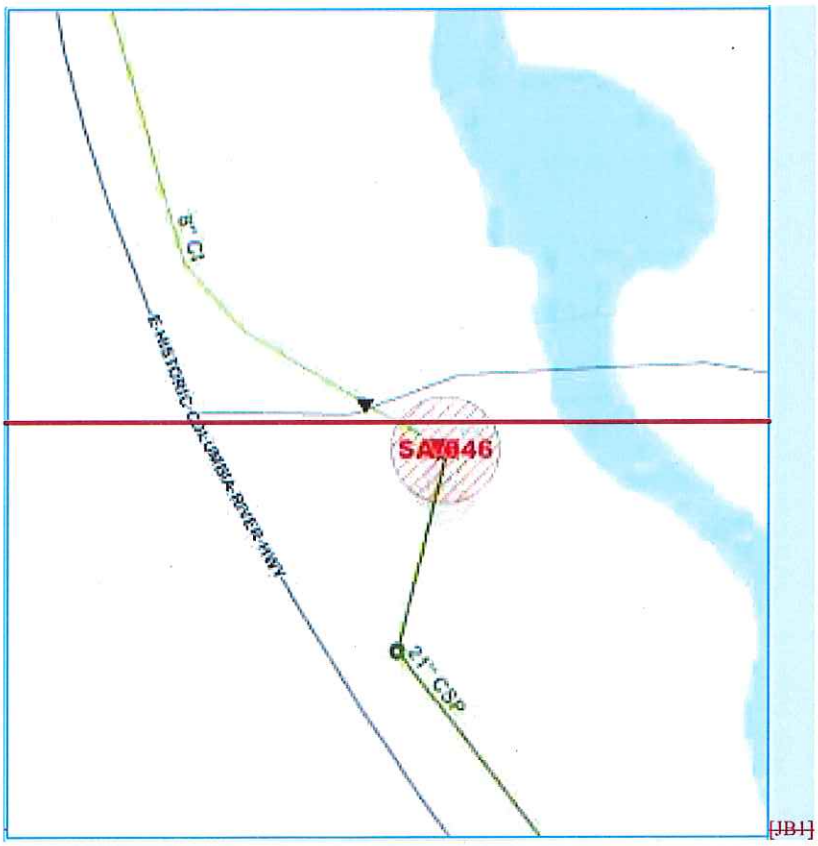
Problem: Future flows to this pump station will exceed pumping capacity. The pump station configuration and equipment is aged and in need of upgrades, resulting in operational issues, reliability issues and poor efficiency relative to what can be provided with current technology. Dry well configuration and existing controls and equipment are antiquated and need upgraded to current technology for improved reliability, operability and efficiency.

Proposed Solution: Upgrade the capacity, reliability and efficiency of the pump station by providing pump/motor and control upgrades, and converting to wet well configuration.

Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? No

Related Project(s): None



[JB1]

~~3.~~2.Project Name: Wastewater Operations Annex ("GSA Property") Improvements

Project Number: SA-063

Timeframe: Immediate

Estimated Cost: $ 35,000

Funding Source: Sewer Fund (100%)

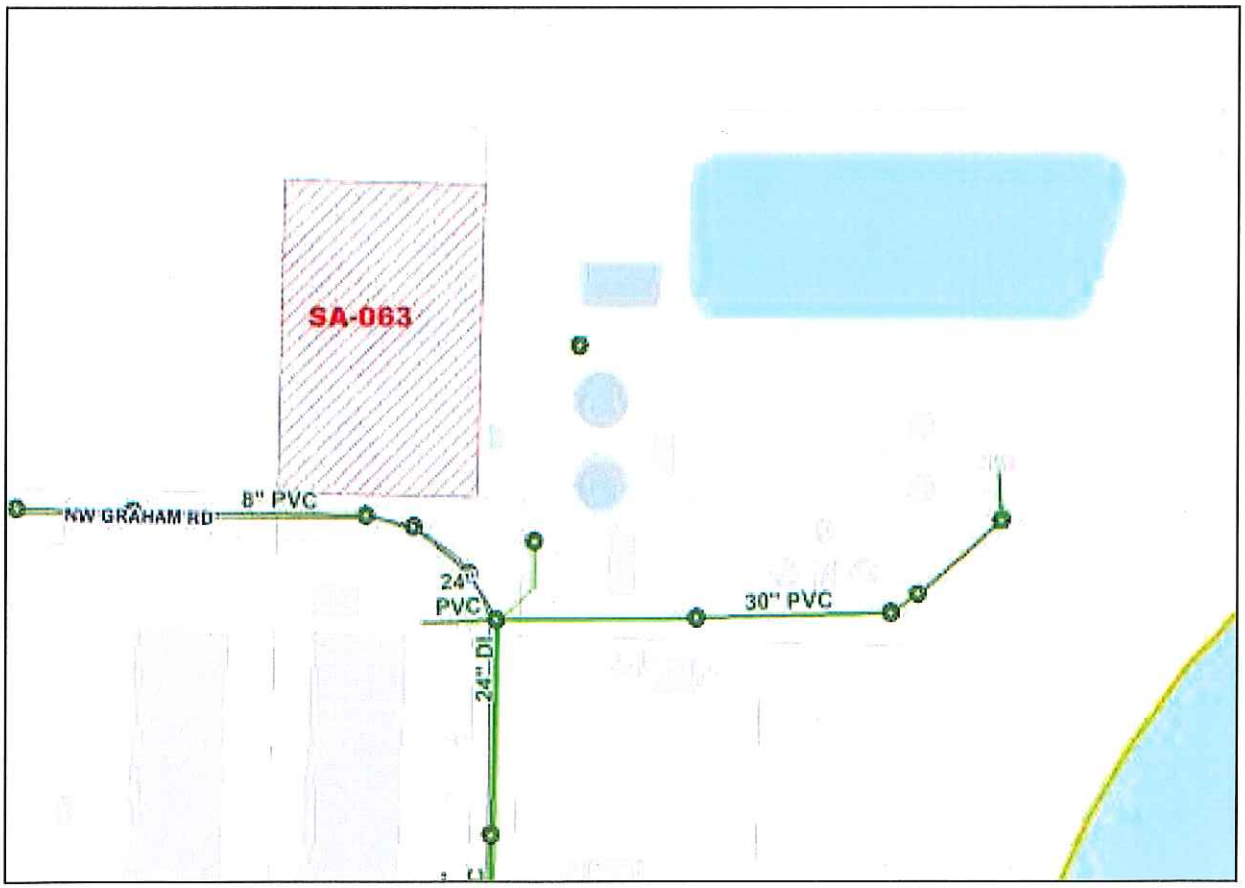
Problem: The City acquired this property adjacent to the WPCF through a grant from the Federal Government, for use in support of wastewater operations. The property lacks improvements to render it useable in its intended role. The Federal Government requires that the City improve and utilize the property or risk rescission of the grant.

Proposed Solution: Construct basic improvements on the property, including access and circulation roads and drainage facilities.

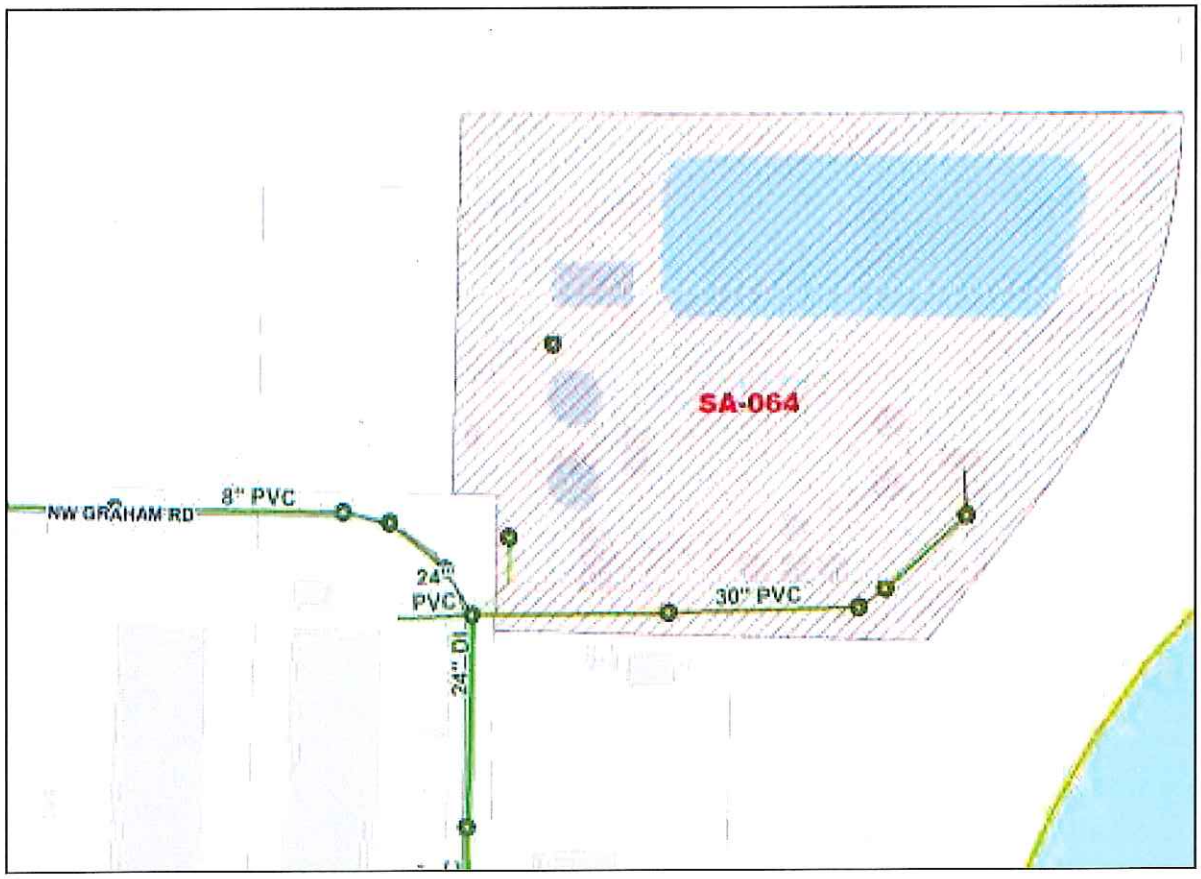
Identified By: Staff

In Previous CIP? No

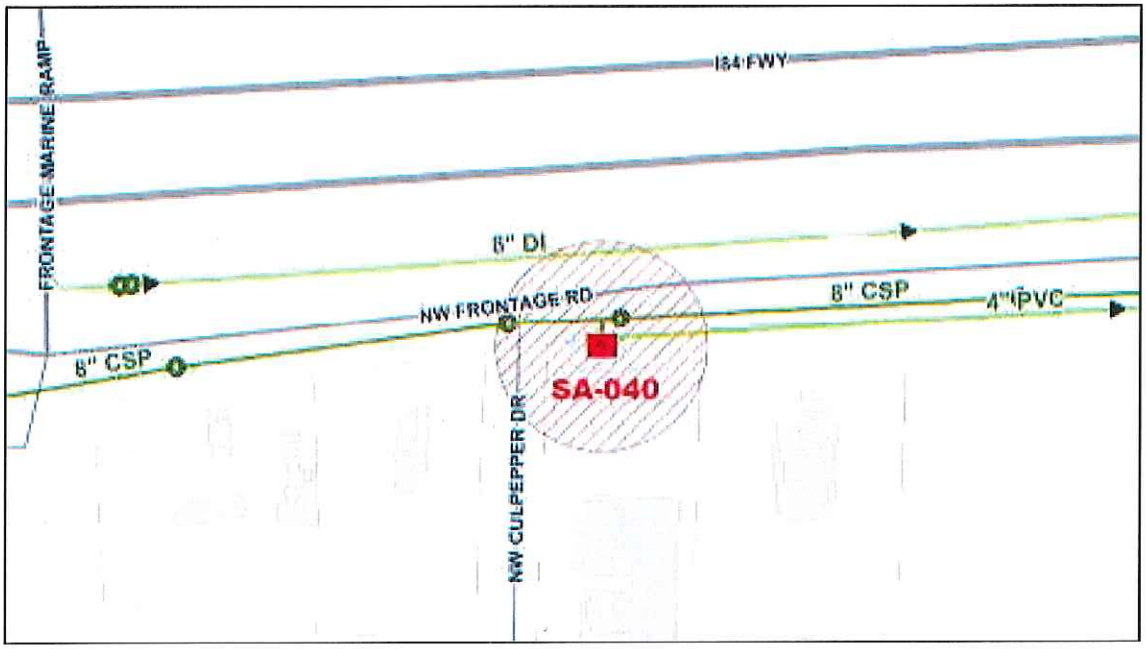
Related Project(s): None



4.3.Project Name:	Onsite Water Recycling System at the WPCF
Project Number:	SA-064
Timeframe:	Short Term
Estimated Cost:	~~TBD~~ $150,000
Funding Source:	Sewer Fund (100%)
Problem:	The WPCF operations and irrigation is one of the largest consumers among the City's water customers, driving up the total water demand on the City's system and consuming water resources. This is also a significant expense for the City.
Proposed Solution:	Install a water recycling system at the WPCF to recycle treated effluent for use onsite as process water and for irrigating the WPCF grounds.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	None



~~5.~~4.Project Name:	Upgrade Pump Station #2 (Husky Pump Station)
Project Number:	SA-040
Timeframe:	Short Term
Estimated Cost:	$ ~~512,000~~408,000
Funding Source:	Sewer Fund (100%)
Problem:	The pump station needs increased pump and motor capacity, increased wet well capacity, and enhanced motor controls.
Proposed Solution:	Upgrade the capacity of the pump station by providing pump/motor, controls, and wet well improvements.
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	Yes
Related Project(s):	~~None~~SA-062



~~6.~~5.Project Name:	Pump Station Emergency Backup Power
Project Number:	SA- 062
Timeframe:	Short, Medium Term
Estimated Cost:	$ 200,000
Funding Source:	Sewer Fund (100%)
Problem:	Several of the City's sanitary sewer pump stations lack onsite emergency power supply and rely on a very limited number of portable generators that must be deployed from the WPCF[AP2]. In the event of a power outage, especially an outage affecting multiple pump stations, sanitary sewer overflows could occur.
Proposed Solution:	Install onsite emergency backup power generators with automatic transfer switches at pump station #'s 2, 3, 4, 6, 7 and 8.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	~~None~~ SA-040, SA-059

~~7.~~6.**Project Name:**	Airport to Graham Road Sewer Main Upsizing
Project Number:	SA-057
Timeframe:	Medium Term
Estimated Cost:	$ ~~897,000~~714,000
Funding Source:	Developer
Problem:	The existing segment of sewer main from the Sundial Road to the western end of Perimeter Way (via Graham Road) ~~is~~ may be undersized with future flows, depending on intensity of industrial development
Proposed Solution:	Upsize approximately 1,700 linear feet of the sewer main from 8" to 10"
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	No
Related Project(s):	None

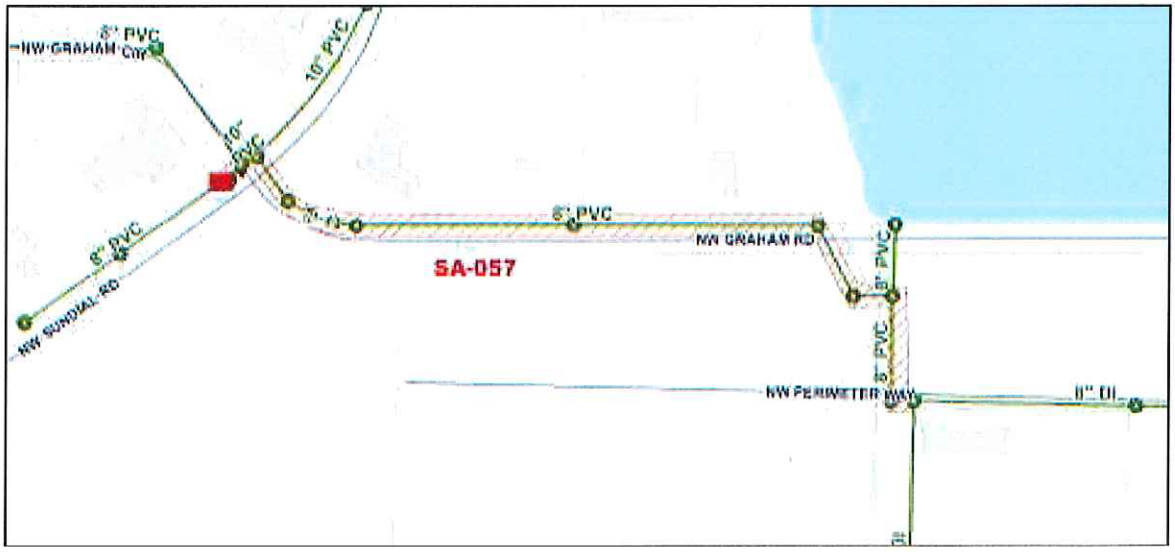
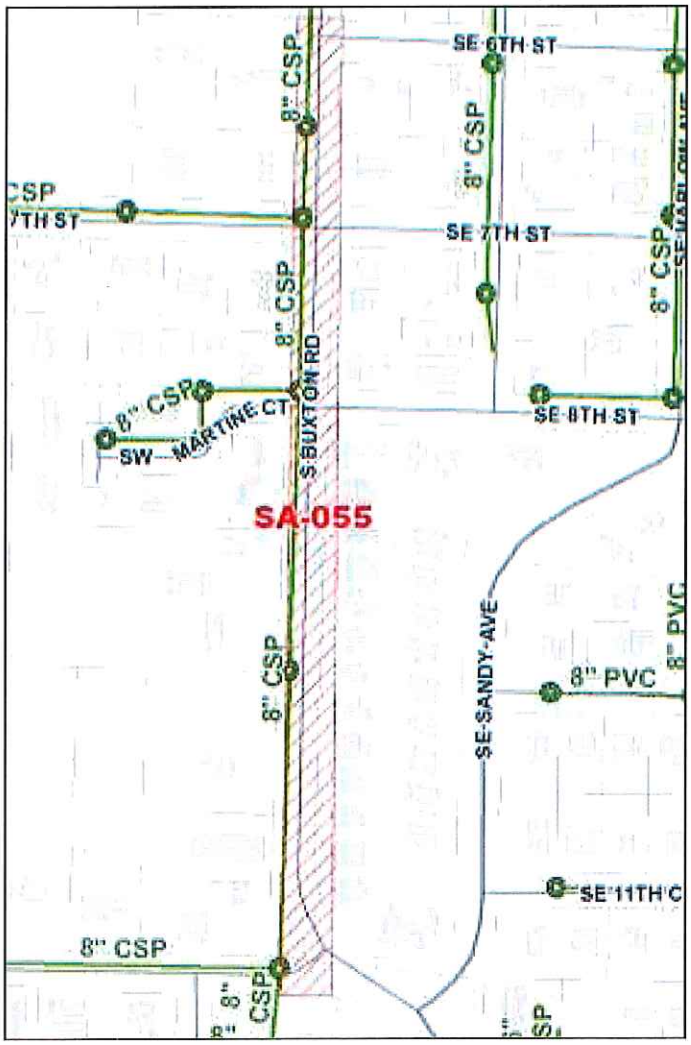


EXHIBIT C

~~8.~~7.Project Name:	South Buxton Road Sewer Main Upsizing
Project Number:	SA-055
Timeframe:	Medium Term
Estimated Cost:	$ ~~696,000~~554,000
Funding Source:	Sanitary Sewer Improvement Fund (38.4%), Sewer Fund (61.6%)
Problem:	Existing sewer mains in the southern segment of S Buxton Road are projected to be under capacity with future growth
Proposed Solution:	Upsize approximately 1200 linear feet of the sewer mains in S Buxton Road from 8" to 10"
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	Yes
Related Project(s):	~~SA-056~~



~~9.~~8.Project Name:	Upgrade/Replace Pump Station ~~-~~#1, new force main ~~(10-inch, 3,560 feet)~~
Project Number:	SA-060
Timeframe:	Medium Term
Estimated Cost:	$ ~~2,690,000~~2,973,000
Funding Source:	~~Sanitary~~ Sewer Improvement Fund (100%)~~, Sewer Fund~~
Problem:	Future flows to this pump station/force-main will exceed its current capacity. The pump station configuration and equipment is aged and in need of upgrades, resulting in operational issues and poor efficiency relative to what can be provided with current technology. The alignment of the existing force main was based on the location of the old Wastewater Treatment Plant, resulting in flows from this pump station taking an unnecessarily circuitous route to the current WPCF location, which in turn puts unnecessary pressure on other force mains and pump stations along Frontage Road.
Proposed Solution:	Upgrade or replace the existing pump station and construct a new 3,560 linear foot, 8" diameter force main directly east through the airport in an existing sanitary sewer easement to Graham Road.
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	No
Related Project(s):	None

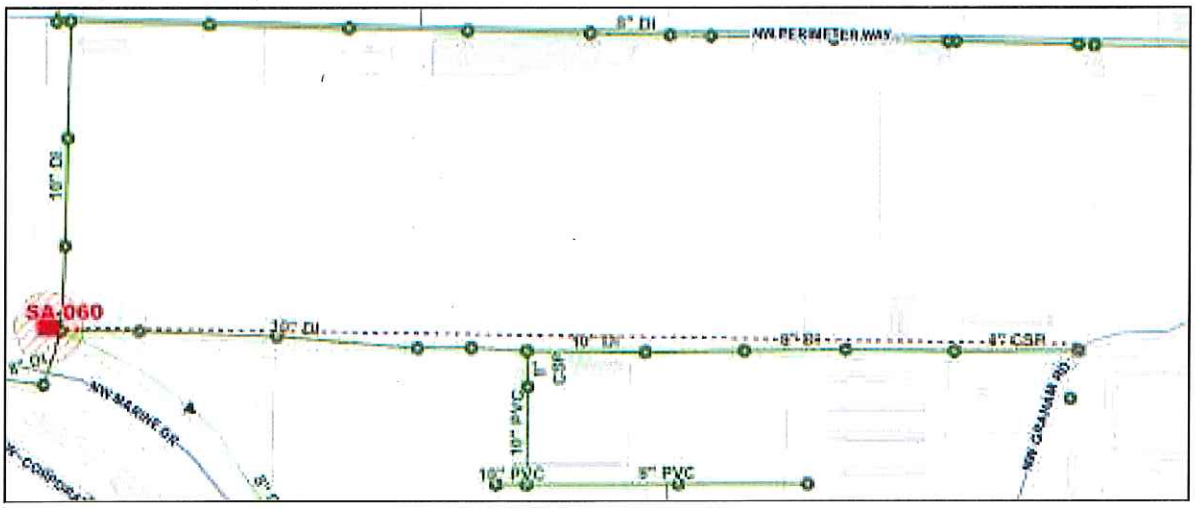


EXHIBIT C

~~10.~~9. **Project Name:**	Upsize Pump Station #7 (Sundial Pump Station)
Project Number:	SA-059
Timeframe:	Medium Term
Estimated Cost:	$ ~~201,000~~160,000
Funding Source:	Developer (100%)
Problem:	Future flows to PS #7 ~~will~~ may exceed existing pumping capacity, depending on intensity of industrial development.
Proposed Solution:	Install larger pumps.
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	No
Related Project(s):	~~None~~SA-062

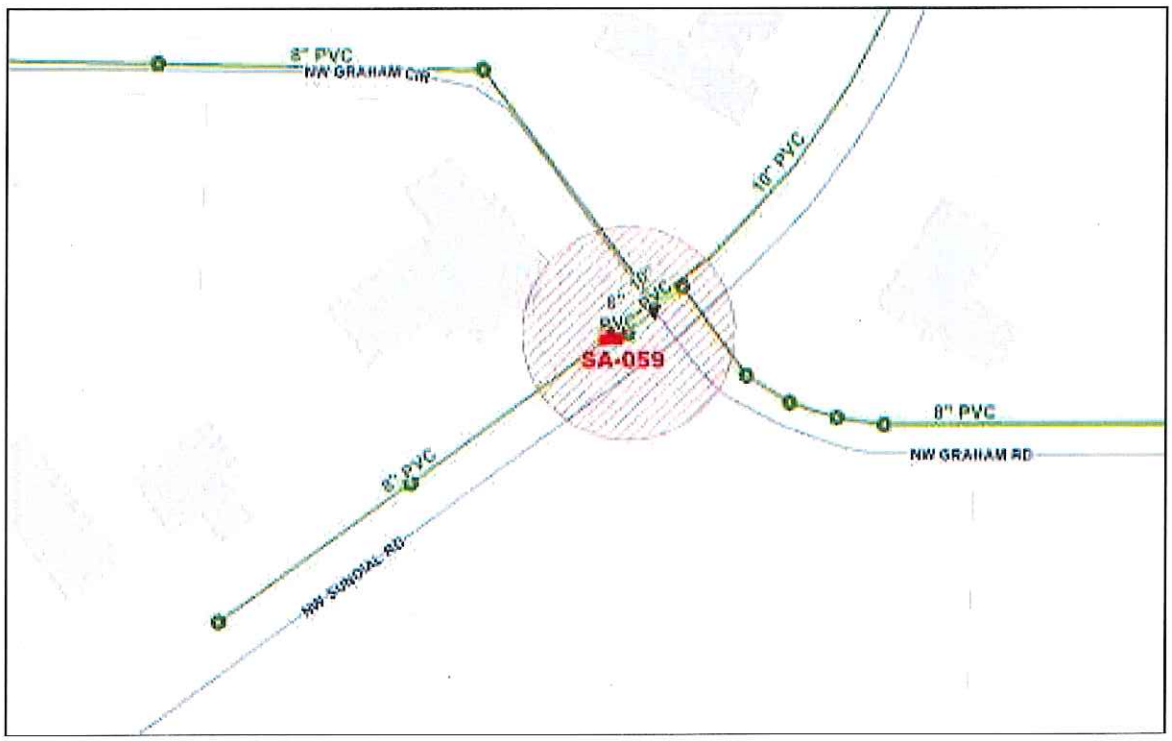
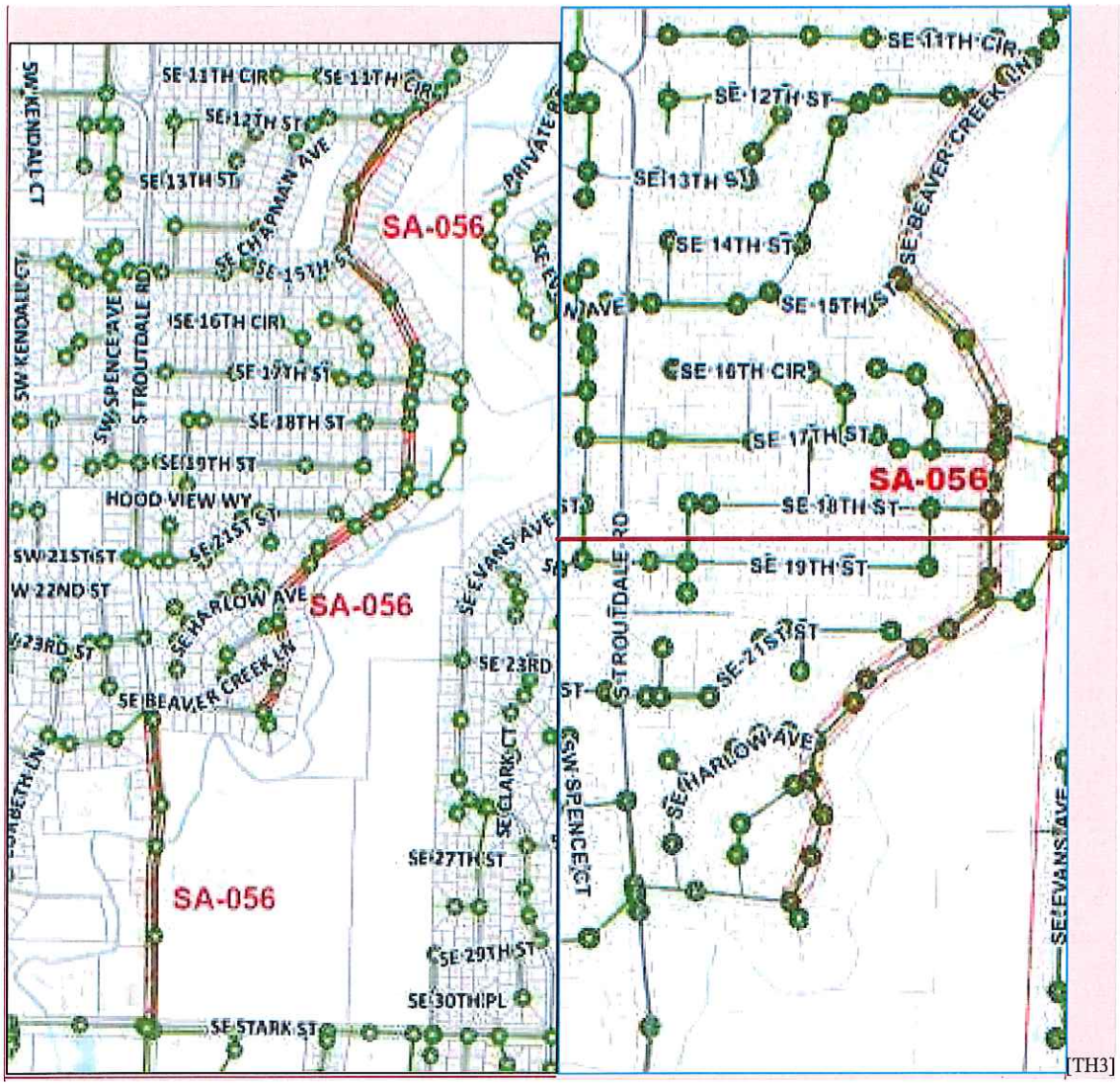


EXHIBIT C

~~11.~~10. **Project Name:**	Lower Beaver Creek and Troutdale Rd Sewer Main Upsizing
Project Number:	SA-056
Timeframe:	Long Term
Estimated Cost:	$ ~~4,744,000~~3,776,000
Funding Source:	~~Sanitary~~ Sewer Improvement Fund (38.4%), Sewer Fund (61.6%)
Problem:	Existing sewer main in the southern segment of SE Beaver Creek Lane are projected to be under capacity with future growth.
Proposed Solution:	Upsize the sewer main.
Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
In Previous CIP?	No
Related Project(s):	SA-055



[TH3]

EXHIBIT C

~~12.~~11. Project Name: WPCF Upgrades

Project Number: SA- 061

Timeframe: Long Term

Estimated Cost: $ 750,000

Funding Source: Sewer Fund (100%)

Problem: Changes in Federal and State NPDES regulations may result in more stringent limitations on Water Pollution Control Facility discharges that the City's WPCF cannot meet with its current treatment systems.

Proposed Solution: Construct additional and/or upgraded treatment systems at the WPCF.

Identified By: Staff

In Previous CIP? No~~ne~~

Related Project(s): None

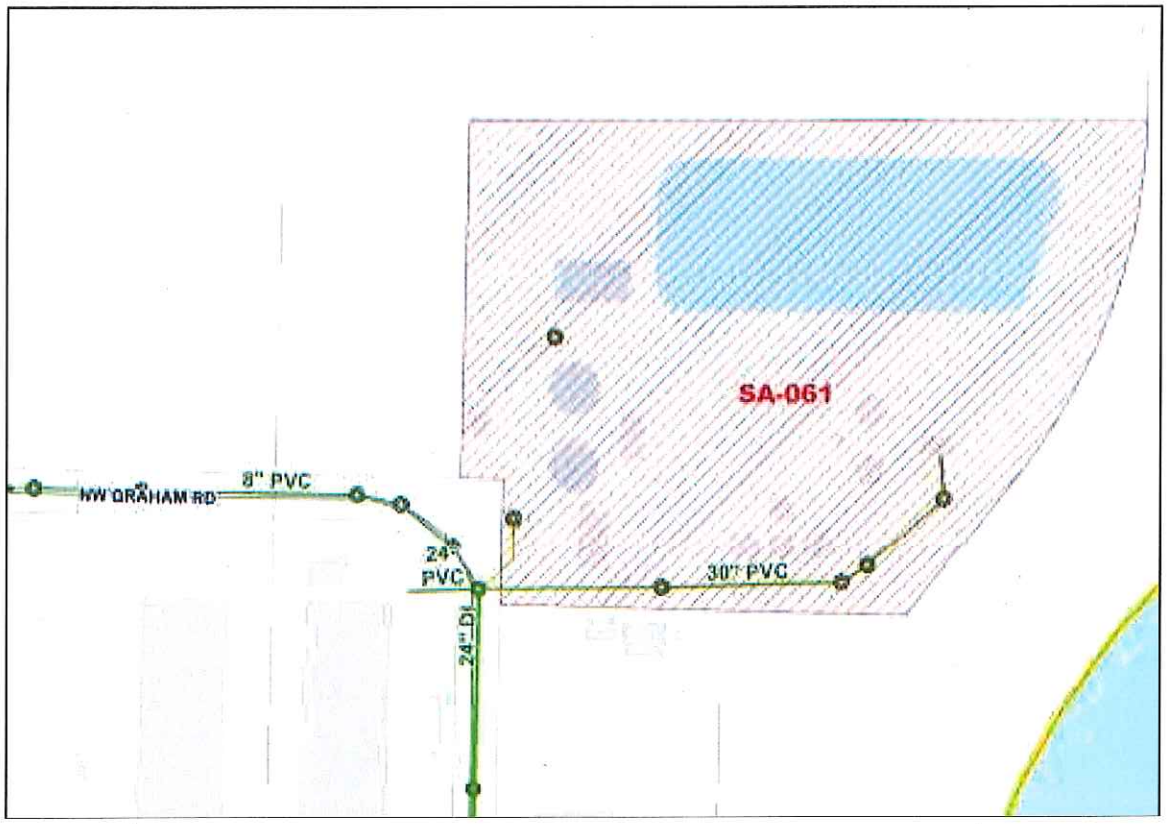
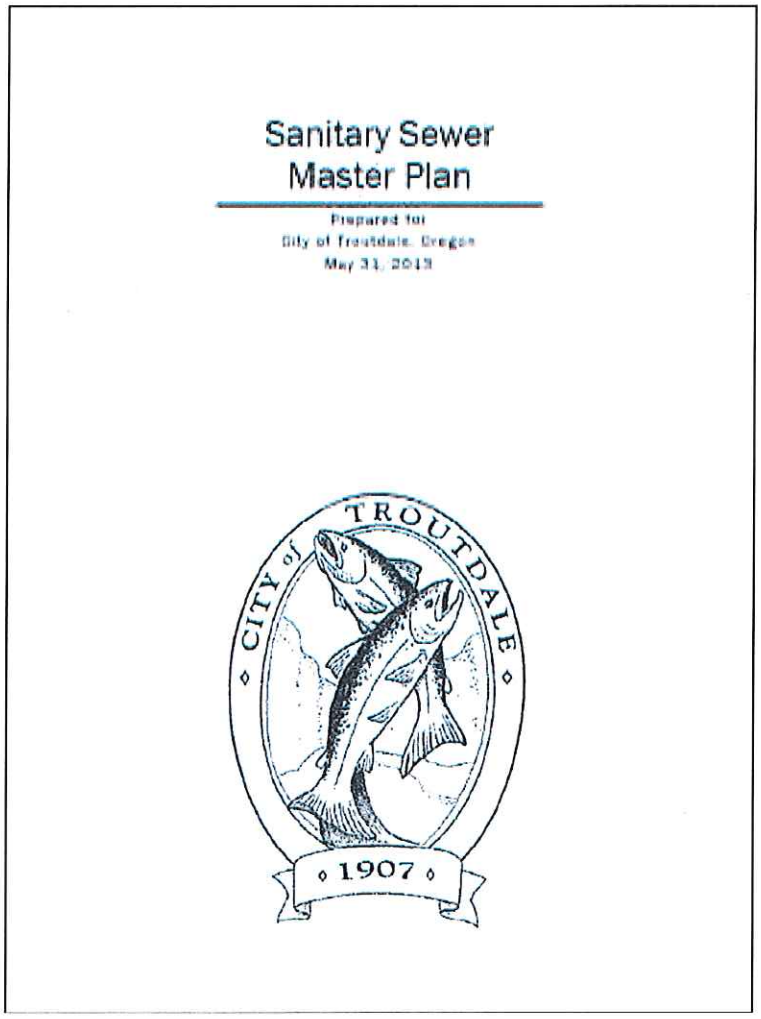


EXHIBIT C

~~13.~~12. **Project Name:**	Update Sanitary Sewer Collection System Master Plan
Project Number:	SA-~~054~~053
Timeframe:	Long Term
Estimated Cost:	$ ~~150,000~~100,000
Funding Source:	Sanitary Sewer Improvement Fund (50%), Sewer Fund (50%)
Problem:	The current Sanitary Sewer Master Plan was prepared in 2013 and will need updated.
Proposed Solution:	Update the Sanitary Sewer Master Plan.
Identified By:	Staff
In Previous CIP?	Yes
Related Project(s):	None



CIP Summary Tables (DRAFT)

SANITARY SEWER

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
GO Bond Debt Service	NA	Thru FY2017-18	$ 3,555,000	$ 3,555,000	Sewer Imp (39%), Sewer (28%), ~~General~~ Property Tax (33%)	Y	None
~~Upgrade Pump Station #5 (Beaver Creek PS)~~	~~SA-046~~	~~Immediate~~	~~$ 675,000~~	~~$ 675,000~~	~~Sewer~~	~~N~~	~~None~~
Wastewater Operations ("GSA")Annex Improvements	SA-063	Immediate	$ 35,000	$ 35,000	Sewer (100%)	N	None
Onsite Water Recycling System at WPCF	SA-064	Short	$ 150,000	$ 150,000	Sewer (100%)	N	None
Upgrade Pump Station #2 (Husky PS)	SA-040	Short	$ 408,000	$ 408,000	Sewer (100%)	Y	SA-062
Pump Station Emergency Backup Power	SA-062	Short, Medium	$ 200,000	$ 200,000	Sewer (100%)	N	SA-040, SA-059
Airport to Graham Road Sewer Main Upsizing	SA-057	Medium	$ 714,000	$ -	Developer (100%)	N	None
South Buxton Road Sewer Main Upsizing	SA-055	Medium	$ 554,000	$ 554,000	Sewer Imp (38.4%), Sewer (61.6%)	N	None
Upgrade/Replace PS-1 and new force main	SA-060	Medium	$ 2,973,000	$ 2,973,000	Sewer Imp (100%)	N	None
Upsize Pump Station #7 (Sundial PS)	SA-059	Medium	$ 160,000	$ -	Developer (100%)	N	SA-062
Lower Beaver Creek and Troutdale Rd Sewer Main Upsizing	SA-056	Long	$ 3,776,000	$ 3,776,000	Sewer Imp (38.4%), Sewer (61.6%)	N	None
WPCF Upgrades	SA-061	Long	$ 750,000	$ 750,000	Sewer (100%)	N	None
Update the Sanitary Sewer Master Plan	SA-053	Long	$ 100,000	$ 100,000	Sewer Imp (50%), Sewer (50%)	Y	None
		TOTALS	$ 14,050,000	$ 13,176,000			

DELETED AND EXCLUDED PROJECTS	Project #	In Previous CIP?	Estimated Total Cost	Estimated City Cost	Funding Source(s)	Reason for Deletion/Exclusion
Upgrade Pump Station #5 (Beaver Creek PS)	SA-046	N	$ 675,000	$ 675,000	Sewer	Completed
Sewer Improvement in N Industrial Area	SA-041	Y	$ 100,000	$ 100,000	Sewer Imp	Replaced by new Sewer MP, TRIP
Collection System Upgrades	SA-009	Y	$ 681,000	$ 681,000	Sewer Imp	Replaced by new Sewer MP
PS #9 Upsizing	NA	N	$ 242,000	$ -	NA	TRIP Sewer Analysis
East Historic Columbia River Highway Extension	NA	N	$ 3,250,000	$ 1,625,000	NA	Deleted by Council
Jackson Park Road Sewer Extension	NA	N	$ 950,000	$ 425,000	NA	Deleted by Council
TRIP Area Extensions	NA	N	$ 3,133,000	$ 1,000,000	NA	TRIP, User driven if ever needed
		TOTALS	$ 8,356,000	$ 3,831,000		

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr)

EXHIBIT D

Storm Sewer Improvements

1. **Project Name:** Graham Road Storm Drainage

   Project Number: SD-N20

   Timeframe: Immediate (in progress)

   Estimated Cost: $ 1,800,000 (Total Cost) ~~$ 550,000~~

   Funding Source: Port of Portland ($ 1,250,000)
   Storm Sewer Improvement Fund ($ 550,000)

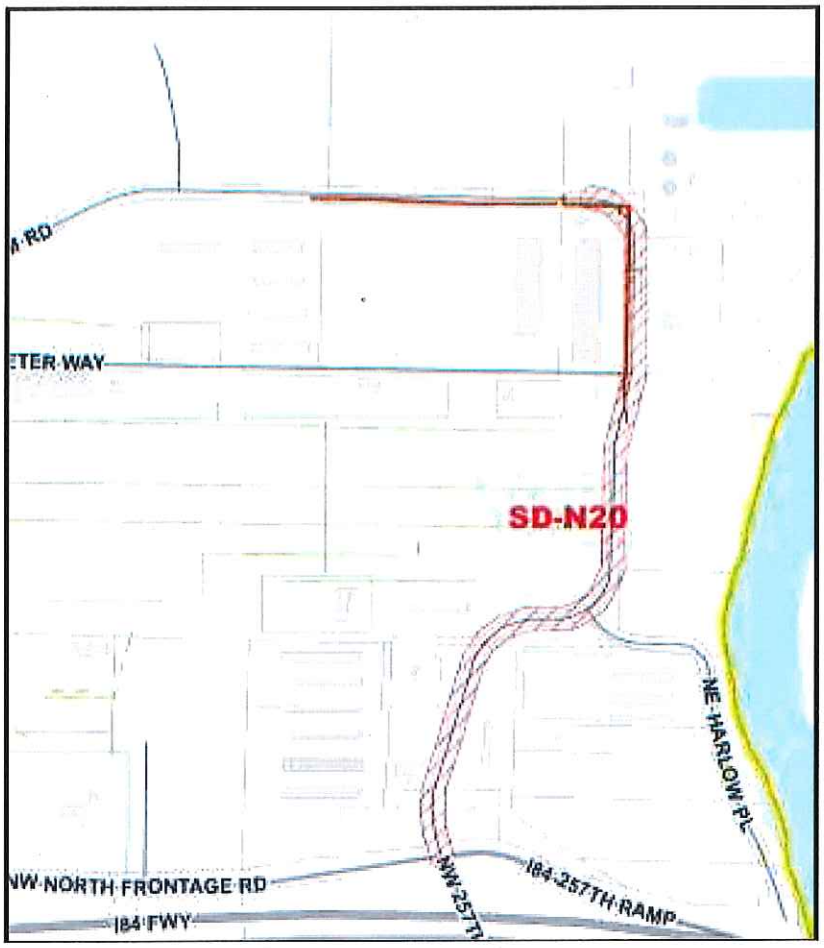
   Problem: There is no developed storm drainage system along NW Graham Road.

   Proposed Solution: Construct a storm drainage system on NW Graham Road.

   Identified By: Staff

   In previous CIP? Yes

   Related Project(s): ST-080



2. **Project Name:** Salmon Creek Weir Improvements

Project Number: SD-N21

Timeframe: Immediate (in progress)

Estimated Cost: $ 150,000 (City Share) [$ 130,000 remaining]

Funding Source: SDIC, Port of Portland
Storm Sewer Improvement Fund ($ 130,000)

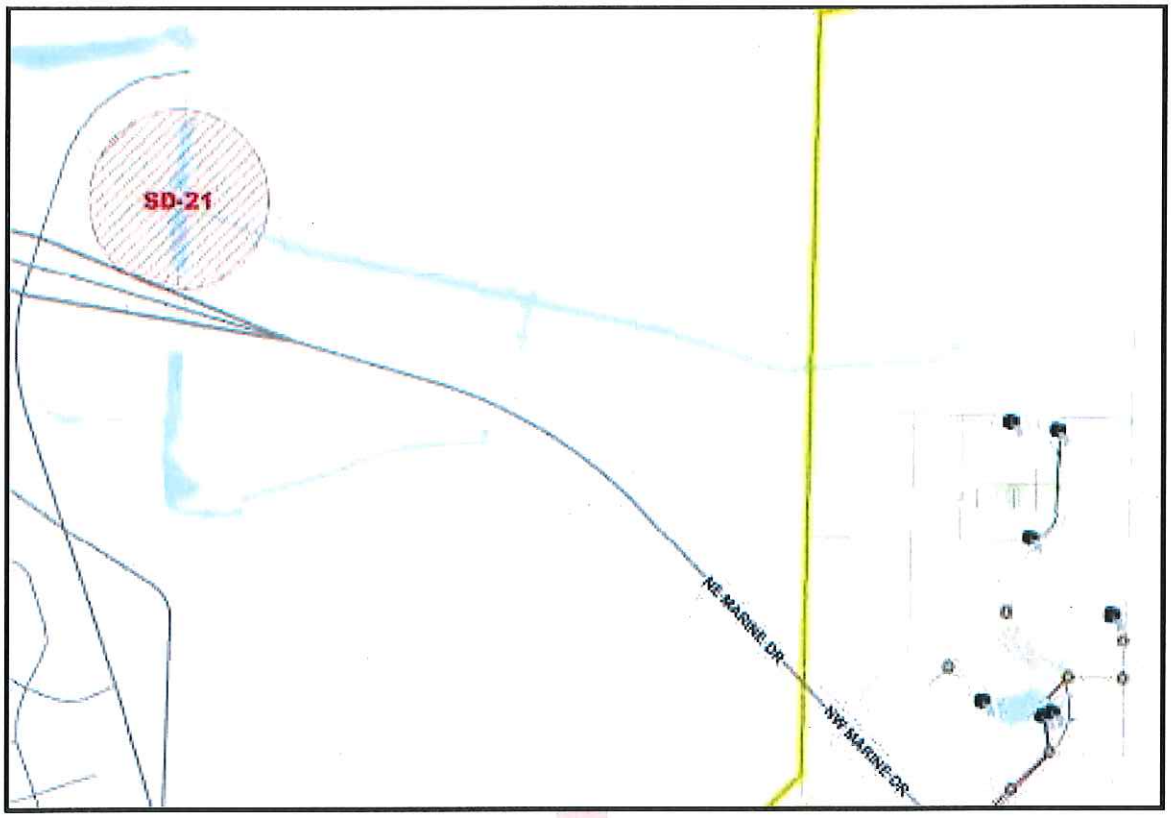
Problem: There are potential ~~storm water~~stormwater capacity problems along Salmon Creek.

Proposed Solution: Relocate and increase the crest length of the existing relief weir located along Salmon Creek and the width of the channel which receives water from the weir. The suggested weir length and the channel width are 50 feet.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

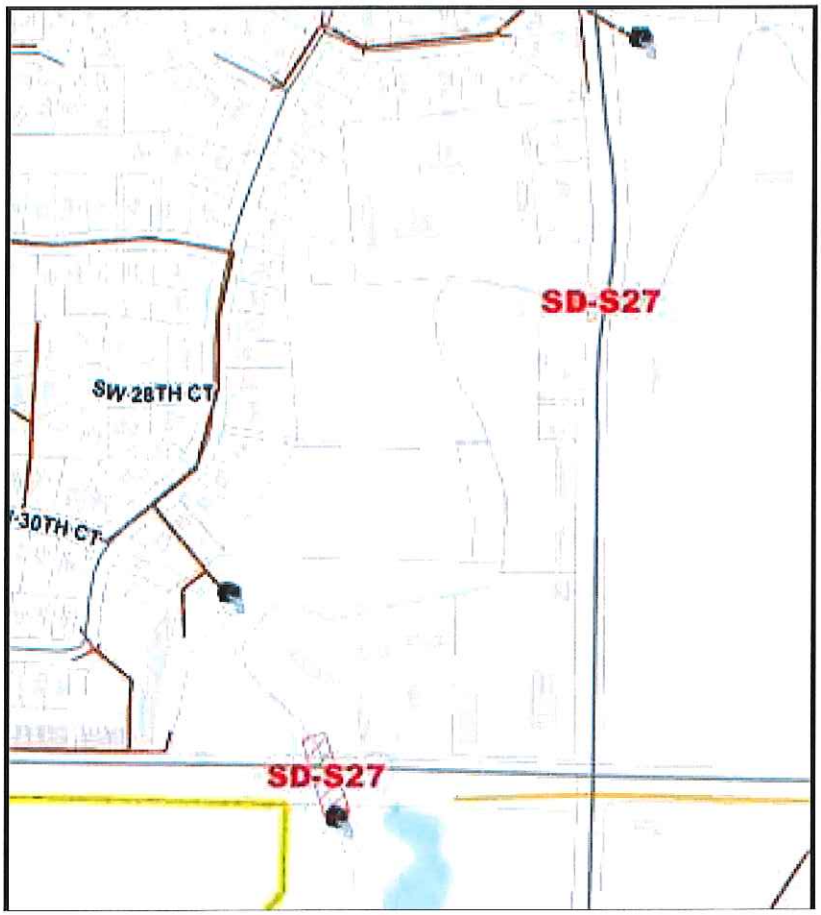
In previous CIP? Yes

Related Project(s): None



[TH1]

3.	**Project Name:**	Beaver Creek Culverts
	Project Number:	SD-S27
	Timeframe:	Immediate (in-progress)
	Estimated Cost:	$ ~~1,178,000~~1,608,000 (Total Cost) $ 100,000 (City share ~~$100,000~~)
	Funding Source:	County ($ 1,508,000) Storm Sewer Improvement Fund ($ 100,000)
	Problem:	The Stark Street culvert must be upsized for capacity, upgraded for fish passage and lengthened to accommodate improvements to SE Stark Street. The Troutdale Road culvert requires upgraded fish passage.
	Proposed Solution:	Replace the existing Stark Street culvert with a larger, longer culvert or bridge, with fish passage. Retrofit the Troutdale Road culvert with an upgraded fish passage structure.
	Identified By:	STIP, Multnomah County
	In previous CIP?	Yes
	Related Project(s):	ST-007



4. **Project Name:** Rehabilitate and Upgrade North Evans Outfall

Project Number: SD-S28

Timeframe: Immediate

Estimated Cost: $ 145,000 ~~($125,000 remaining)~~

Funding Source: Storm Sewer Utility Fund (100%)

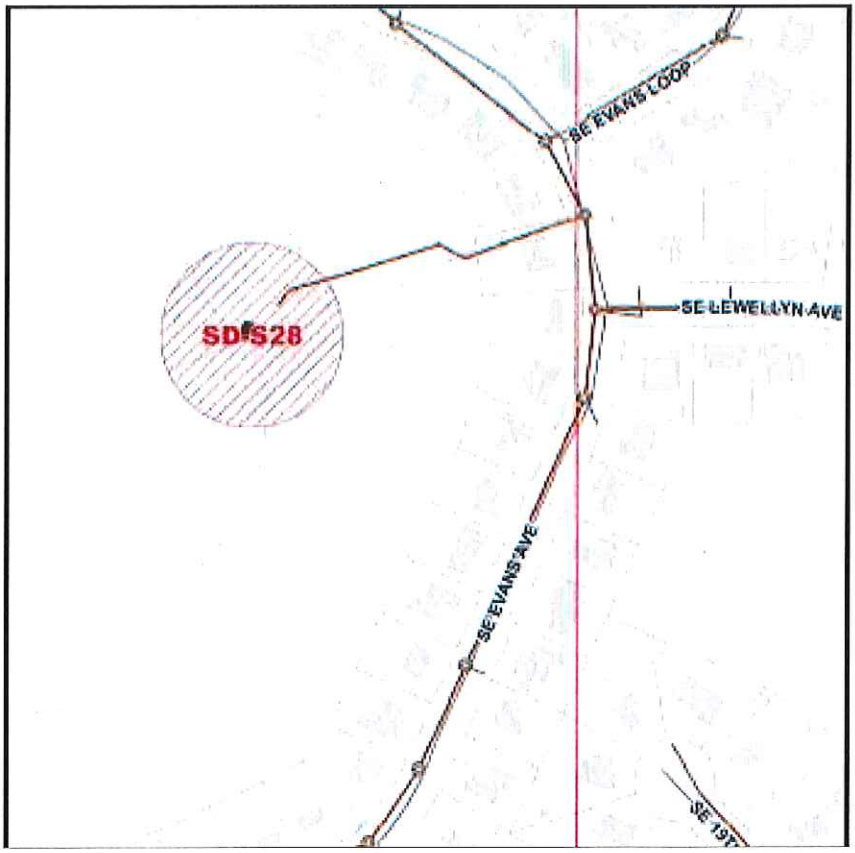
Problem: The North Evans outfall bubbler structure is severely undermined and unstable, and its rip-rap toe protection has unraveled and is sloughing away. The outfall structure's foundation is in imminent danger of failure, resulting in loss of the outfall structure and damage to Beaver Creek.

Proposed Solution: Rehabilitate and upgrade the outfall by constructing an upgraded foundation for the bubbler, resetting the bubbler, replacing the rip-rap toe protection and adding tie-backs to the slope with soil nails and cabling.

Identified By: Staff

In previous CIP? Yes

Related Project(s): None



5. **Project Name:** Update the North Troutdale Storm Drainage Master Plan

Project Number: SD-N29

Timeframe: Immediate

Estimated Cost: $ 100,000 (Total Cost) City Share ($50,000)

Funding Source: Storm Sewer Improvement Fund (25%), Storm Sewer Fund (25%) SDIC (50%)

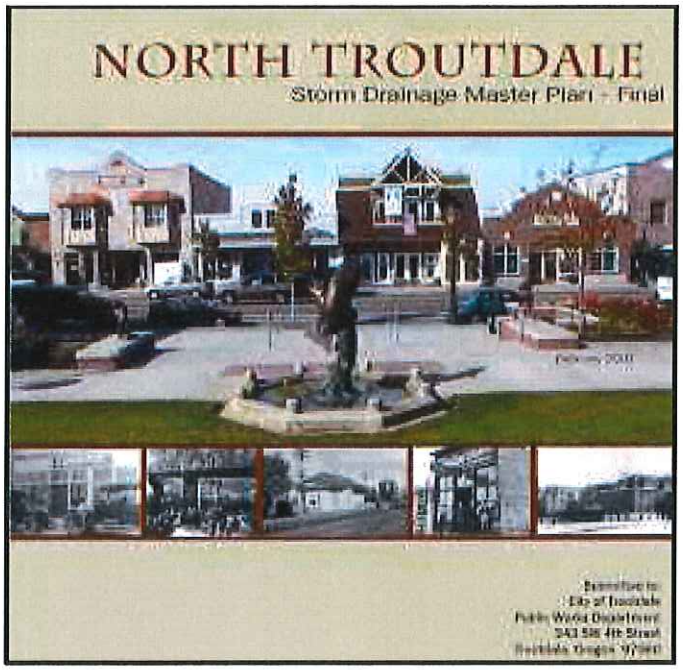
Problem: The current North Troutdale Storm Drainage Master Plan was prepared in 2006 and 2007. Shortly after that, the Port began designing and developing the Troutdale Reynolds Industrial Park, encompassing a large portion of the study area. Concurrently, Multnomah County Drainage District conducted a complete revised modeling of their service area. More recently, the owner of the Edgefield North property has conducted detailed site specific stormwater modeling and design work for that property, which may affect the need for downstream improvements. Considering all of this, it is prudent to update the North Troutdale Master Plan to incorporate the known changes within the study area and the additional information now available. This update may reveal that some currently planned projects are no longer needed, or that other, previously unidentified, projects should be added.

Proposed Solution: Update North Troutdale Storm Drainage Master Plan

Identified By: Staff

In previous CIP? No

Related Project(s): ~~None~~All SD-N



6. Project Name: SW 14th Street Drainage Improvement

Project Number: SD-S35

Timeframe: Immediate

Estimated Cost: $ 15,000

Funding Source: Storm Sewer Fund (100%)

Problem: Recurring flooding on SW 14th Street due to insufficient disposal capacity.

Proposed Solution: Add capacity to existing drywell system or install an overflow connection to storm main in Hensley.

Identified By: Staff

In previous CIP? No

Related Project(s): None

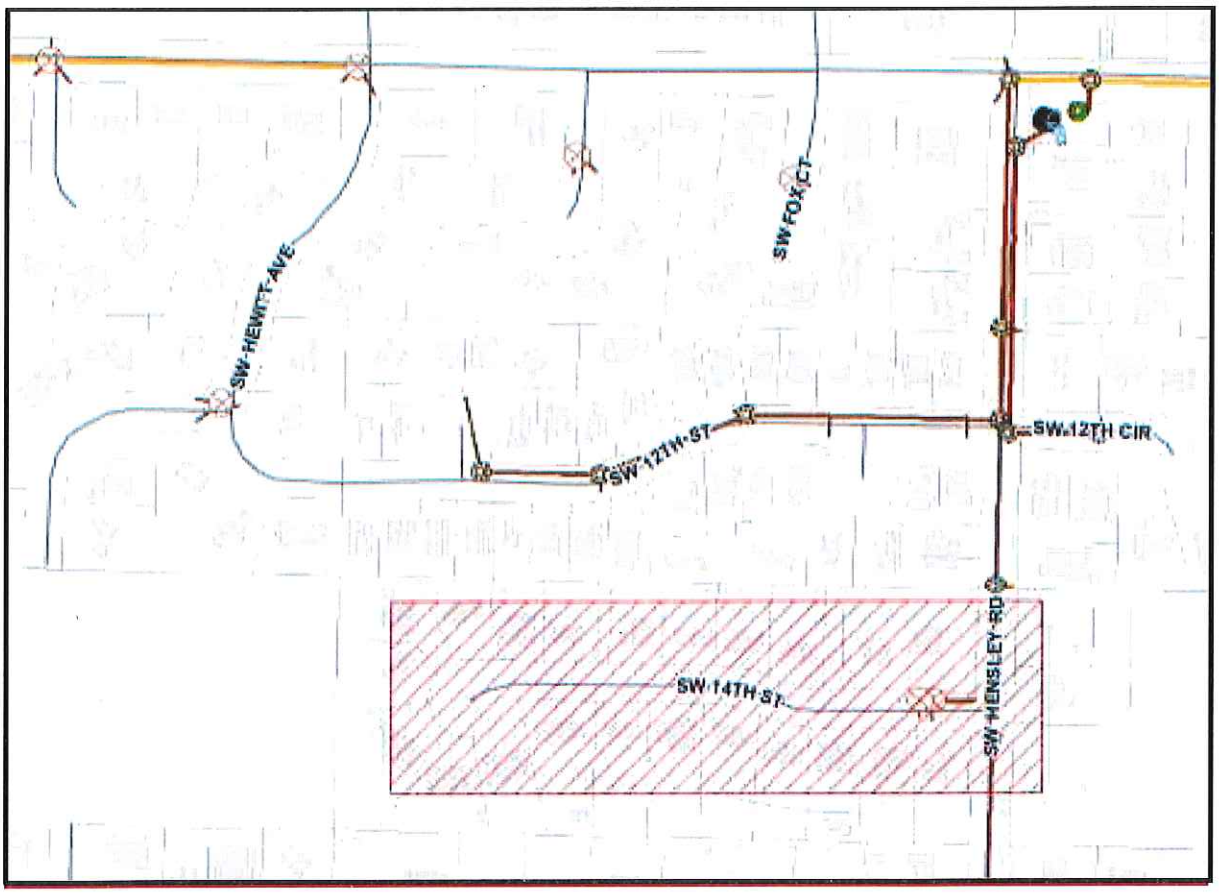
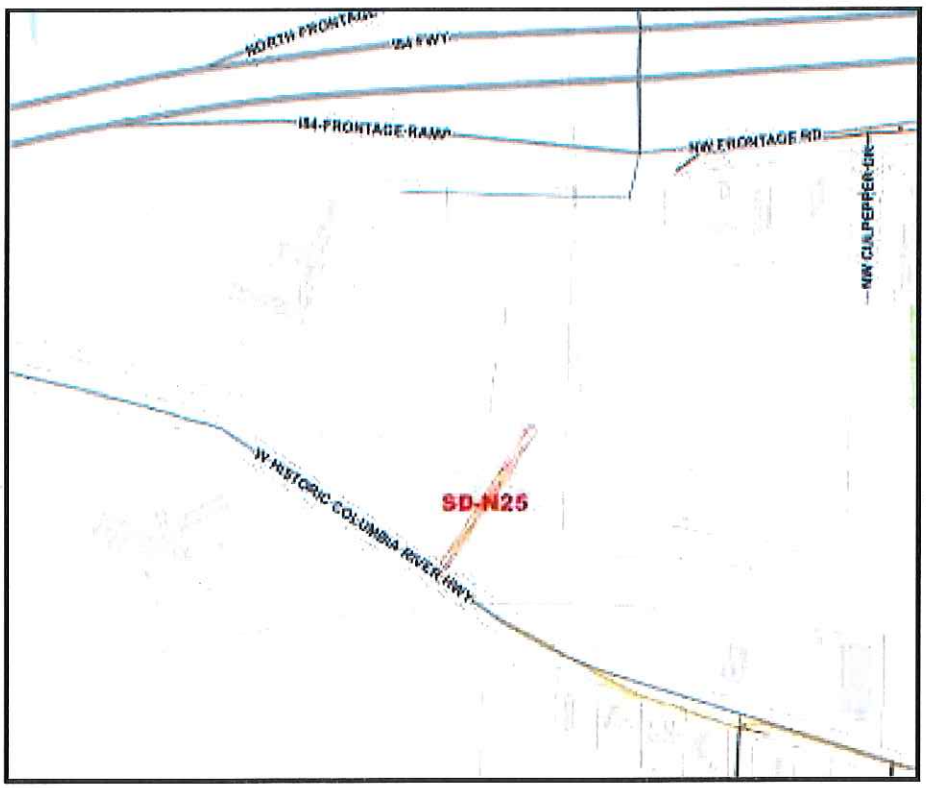
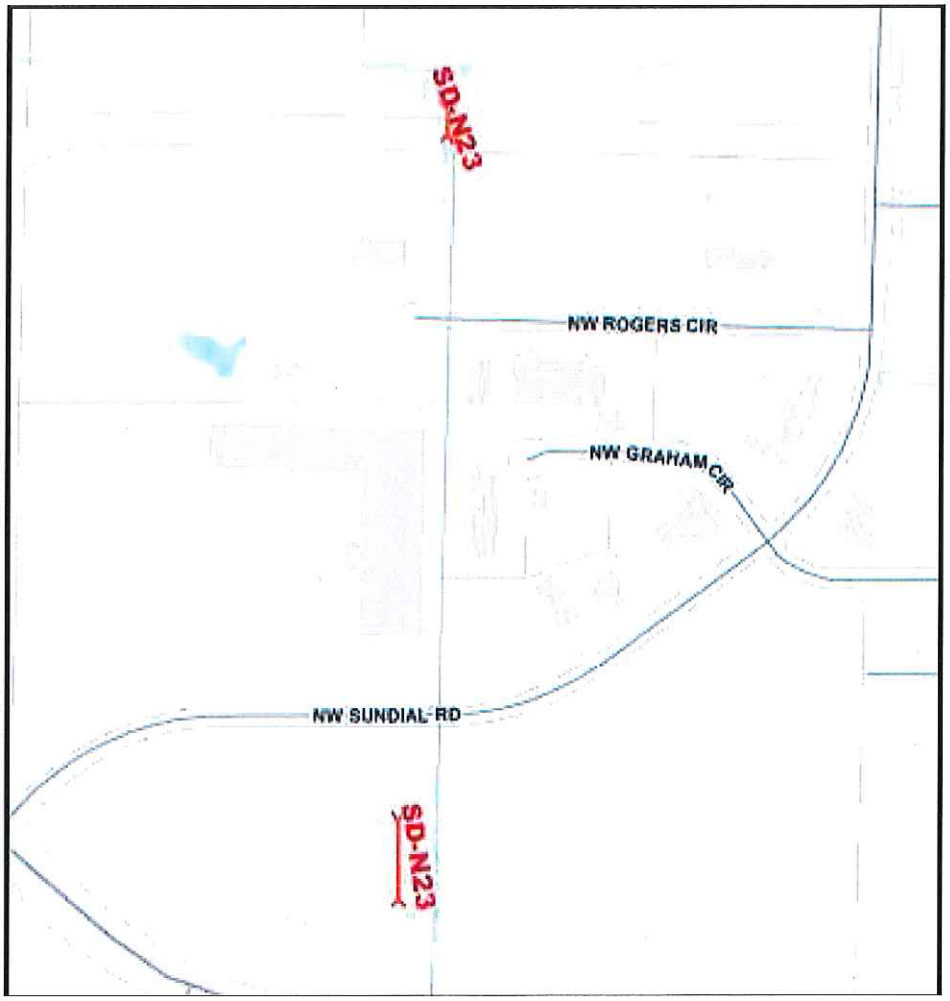


EXHIBIT D

~~6.~~7.**Project Name:**	Columbia River Highway Bypass
Project Number:	SD-N25
Timeframe:	Short Term
Estimated Cost:	$ ~~671,000~~466,000
Funding Source:	Storm Sewer Improvement Fund (100%)
Problem:	The existing 24-inch drain line located in the Columbia River Highway's railroad underpass does not provide sufficient conveyance capacity for future flows.
Proposed Solution:	Install a bypass where future flows leave the drainage area north of Halsey and cross Columbia River Highway. The bypass will consist of 5 elements: 50 feet of 24-inch trenched culvert under Columbia River Highway, 160 feet of 24-inch drain line, 40 feet of 24-inch culvert under a railroad embankment, another 40 feet of 36-inch drain line, and 80 feet of 36-inch culvert under a second railroad embankment.
Identified By:	*North Troutdale Storm Drainage Master Plan, 2007*
In previous CIP?	Yes
Related Project(s):	~~None~~SD-N29



~~7.~~8.**Project Name:**	North Arata Creek Drain Line Improvement
Project Number:	SD-N23
Timeframe:	Short Term
Estimated Cost:	$ ~~806,000~~760,000
Funding Source:	Storm Sewer Improvement Fund (100%)
Problem:	There are potential stormwater capacity problems along Arata Creek south of Marine Drive with increasing flows from urbanization.
Proposed Solution:	Install 160 feet of 48-inch culvert under the railroad immediately upstream of the outlet to Salmon Creek and 520 feet of 48-inch ~~PVC~~ drain line directly west of the airport runway and parallel to the existing drain lines.
Identified By:	*North Troutdale Storm Drainage Master Plan, 2007*
In previous CIP?	Yes
Related Project(s):	~~None~~SD-N29



~~8.~~9. **Project Name:**	South Arata Creek Culvert Improvement
Project Number:	SD-N24
Timeframe:	Short Term
Estimated Cost:	$ ~~498,000~~678,000
Funding Source:	Storm Sewer Improvement Fund (100%)
Problem:	The existing railroad culvert needs to be augmented with an additional culvert to prevent localized flooding in the area immediately upstream of the railroad embankment.
Proposed Solution:	Install an additional 470 feet of 36-inch culvert where Arata Creek crosses the railroad embankment north of Interstate 84 and additional piping under the paved area directly north of the embankment.
Identified By:	*North Troutdale Storm Drainage Master Plan, 2007*
In previous CIP?	Yes
Related Project(s):	~~None~~SD-N29

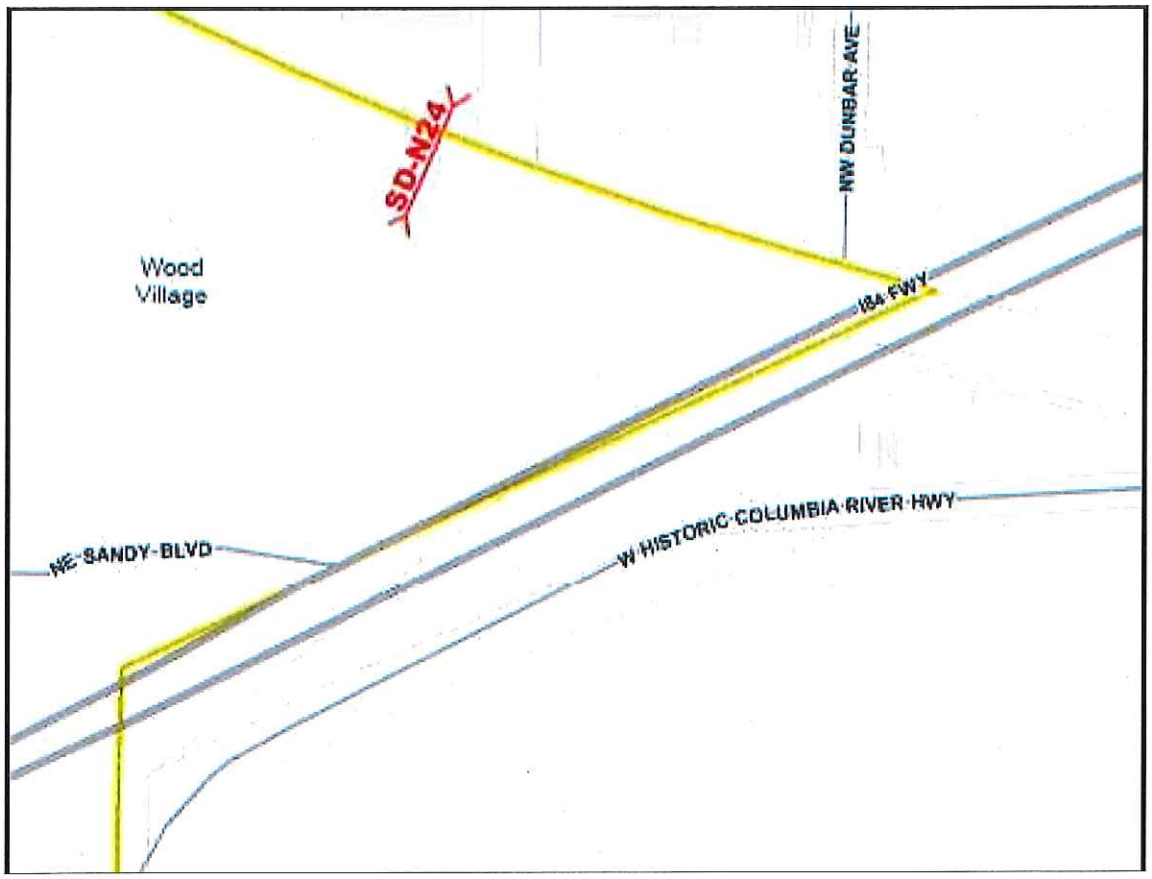
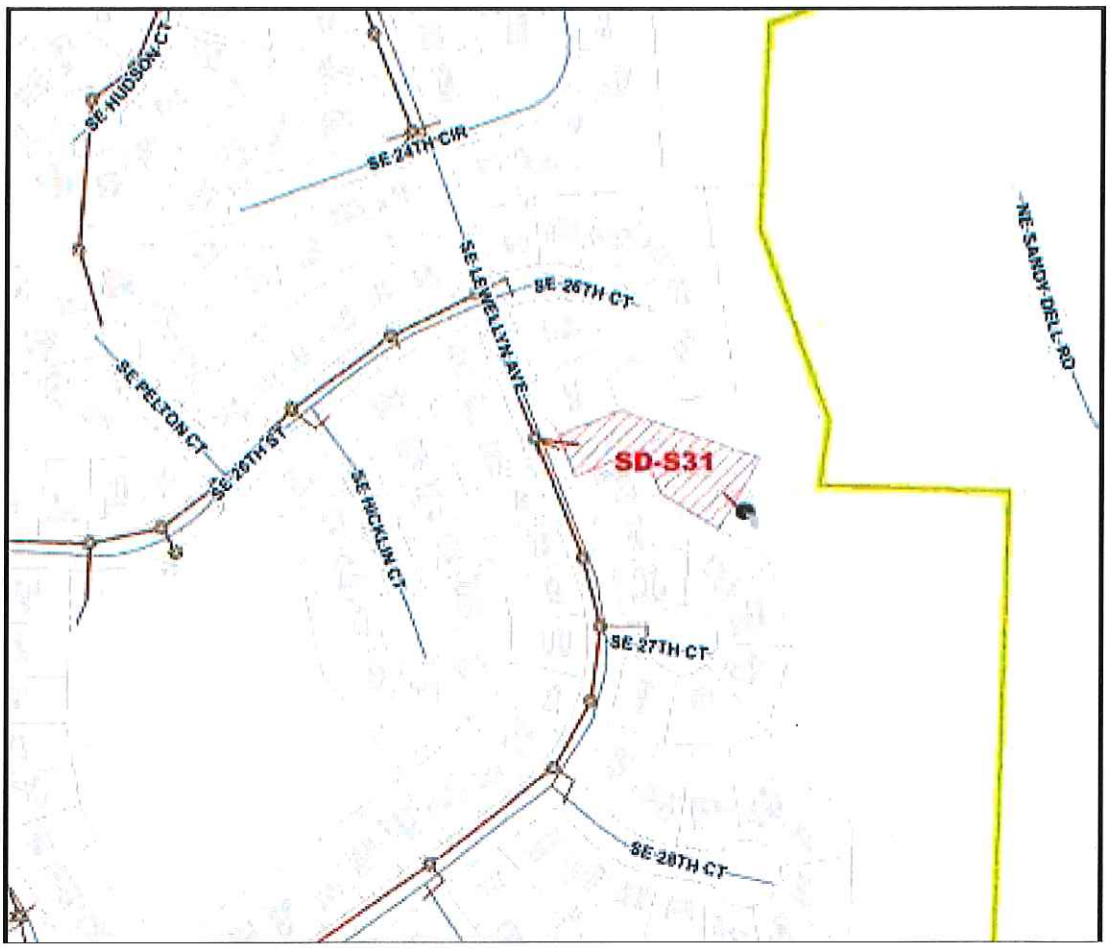
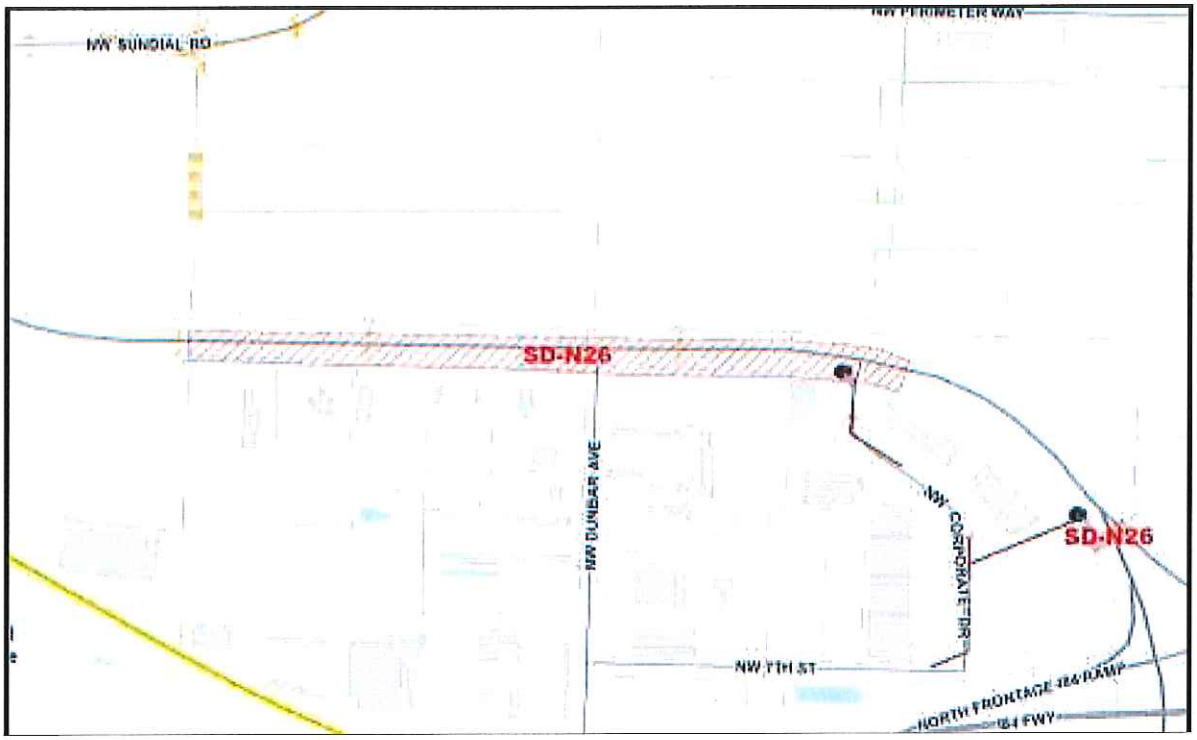


EXHIBIT D

~~9.~~10. **Project Name:**	Sandee Palisades Detention Pond Retrofit
Project Number:	SD-S31
Timeframe:	Short Term
Estimated Cost:	$ ~~201,000~~170,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.
Proposed Solution:	Retrofit the existing detention pond to ~~provide~~ add stormwater quality treatment capability
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None



~~10.~~11. **Project Name:**	Marine Drive Culvert Bypass
Project Number:	SD-N26
Timeframe:	Medium Term
Estimated Cost:	$ ~~1,042,000~~635,000
Funding Source:	Storm Sewer Improvement Fund (100%)
Problem:	There is a potential for flooding northeast of the Marine Drive curve.
Proposed Solution:	Provide a cross connection between the two south-to-north drainage systems to help balance flows by providing 2100 feet of 36-inch drain line north of and parallel to Marine Drive and an additional 150 feet of 36-inch culvert crossing Marine Drive east of the I-84 Corporate Center.
Identified By:	*North Troutdale Storm Drainage Master Plan, 2007*
In previous CIP?	Yes
Related Project(s):	~~None~~SD-N29



~~11.~~12. **Project Name:**	NW Dunbar Avenue Storm Line
Project Number:	SD-N16
Timeframe:	Medium Term
Estimated Cost:	$ ~~395,000~~361,000
Funding Source:	Storm Sewer Improvement Fund (100%)
Problem:	When NW Dunbar Avenue is improved, a new stormwater collection and conveyance system will be required. Properties along Dunbar currently have limited options for storm drainage and some of these commercial/industrial properties experience localized onsite flooding during heavy rain events.
Proposed Solution:	Construct a new ~~storm water~~stormwater collection and conveyance system for NW Dunbar Avenue.
Identified By:	Staff
In previous CIP?	Yes
Related Project(s):	ST-045

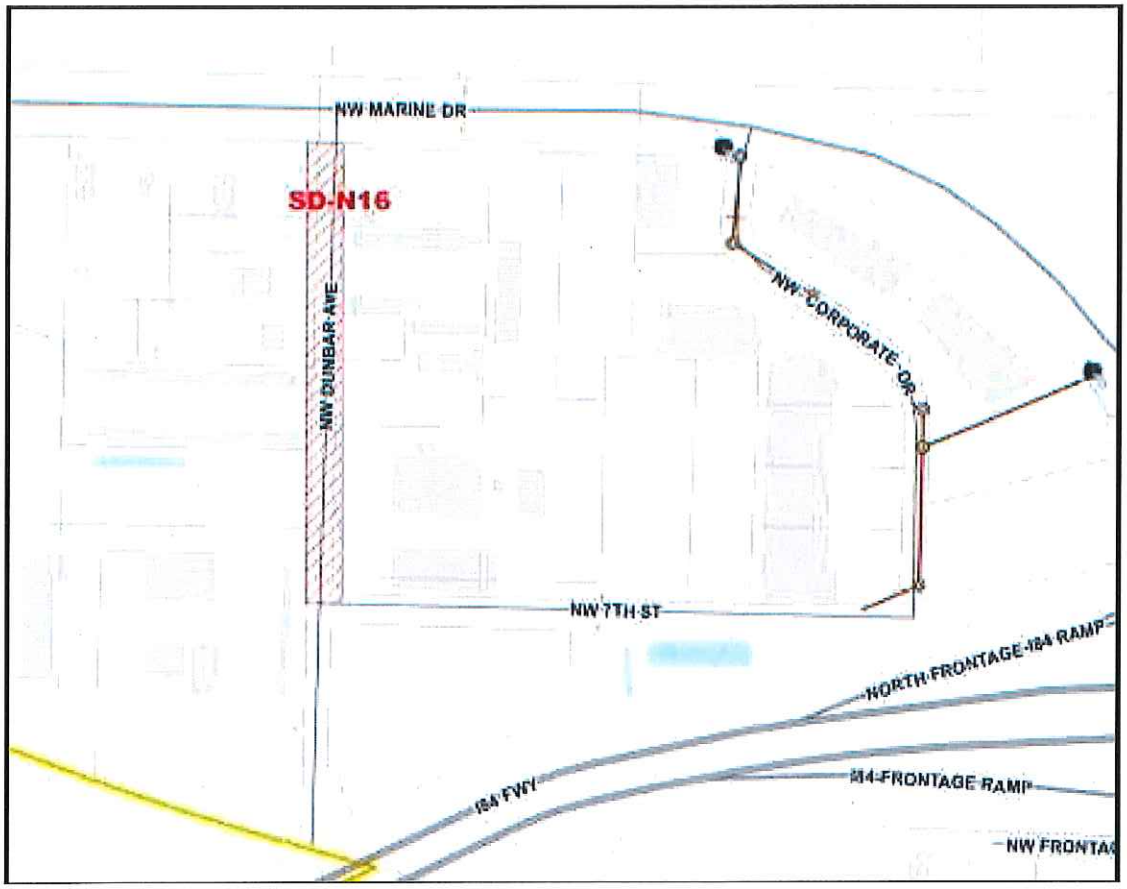


EXHIBIT D

~~12.~~13. **Project Name:**	SE 3rd Street and SE Dora Main Upsizing
Project Number:	SD-S29
Timeframe:	Medium Term
Estimated Cost:	$ ~~200,000~~149,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	Potential flooding along 3rd and Dora Streets during high flow events due to insufficient capacity in the mains.
Proposed Solution:	Upsize approximately 453 linear feet of the storm sewer mains in Dora Avenue from 12" to 15".
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None

EXHIBIT D

~~13.~~14. **Project Name:**	SE 21st Street Main Upsizing
Project Number:	SD-S30
Timeframe:	Medium Term
Estimated Cost:	$ ~~156,000~~122,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	Potential flooding along SE 21st Street during high flow events due to insufficient capacity in the main.
Proposed Solution:	Upsize approximately 364 linear feet of the storm sewer mains in SW 21st Street from 12" to 15".
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None

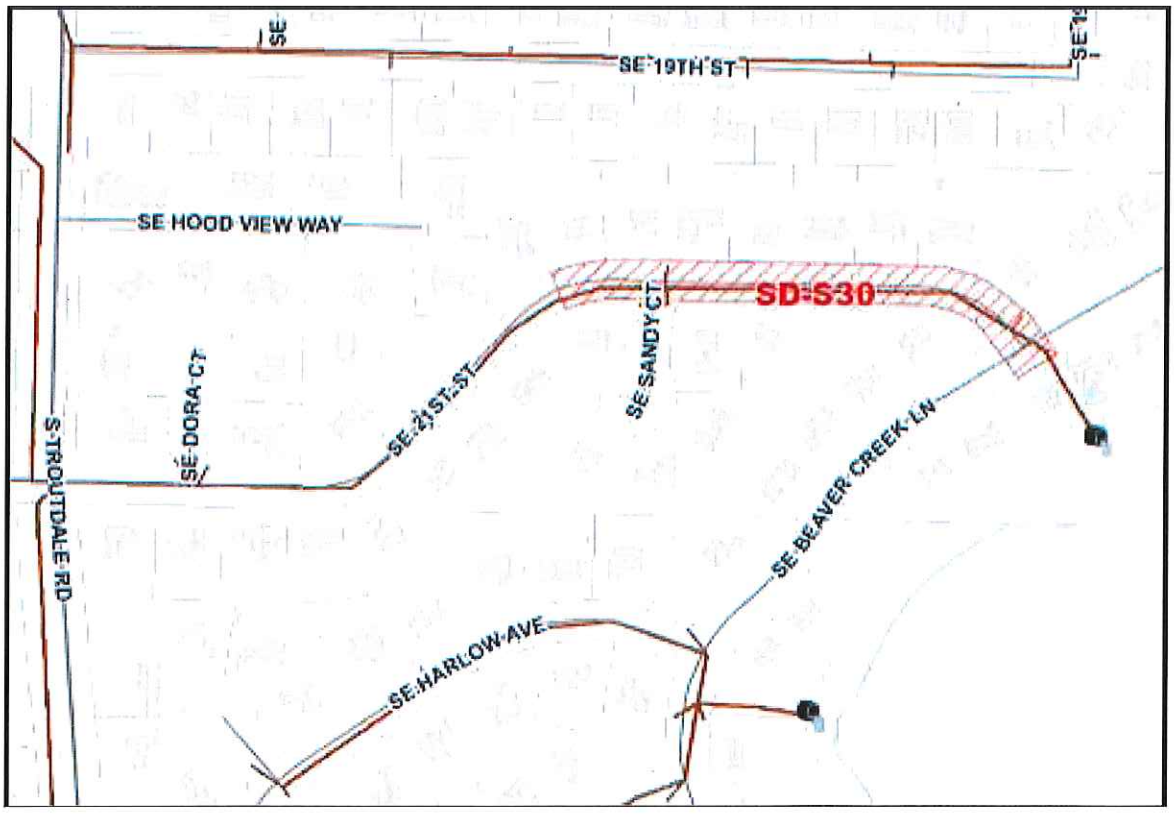


EXHIBIT D

~~14.~~15. **Project Name:**	Strawberry Meadows Detention Pond Retrofit
Project Number:	SD-S32
Timeframe:	Medium Term
Estimated Cost:	$ ~~135,000~~98,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.
Proposed Solution:	Retrofit the existing detention pond to add stormwater quality treatment capability.
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None

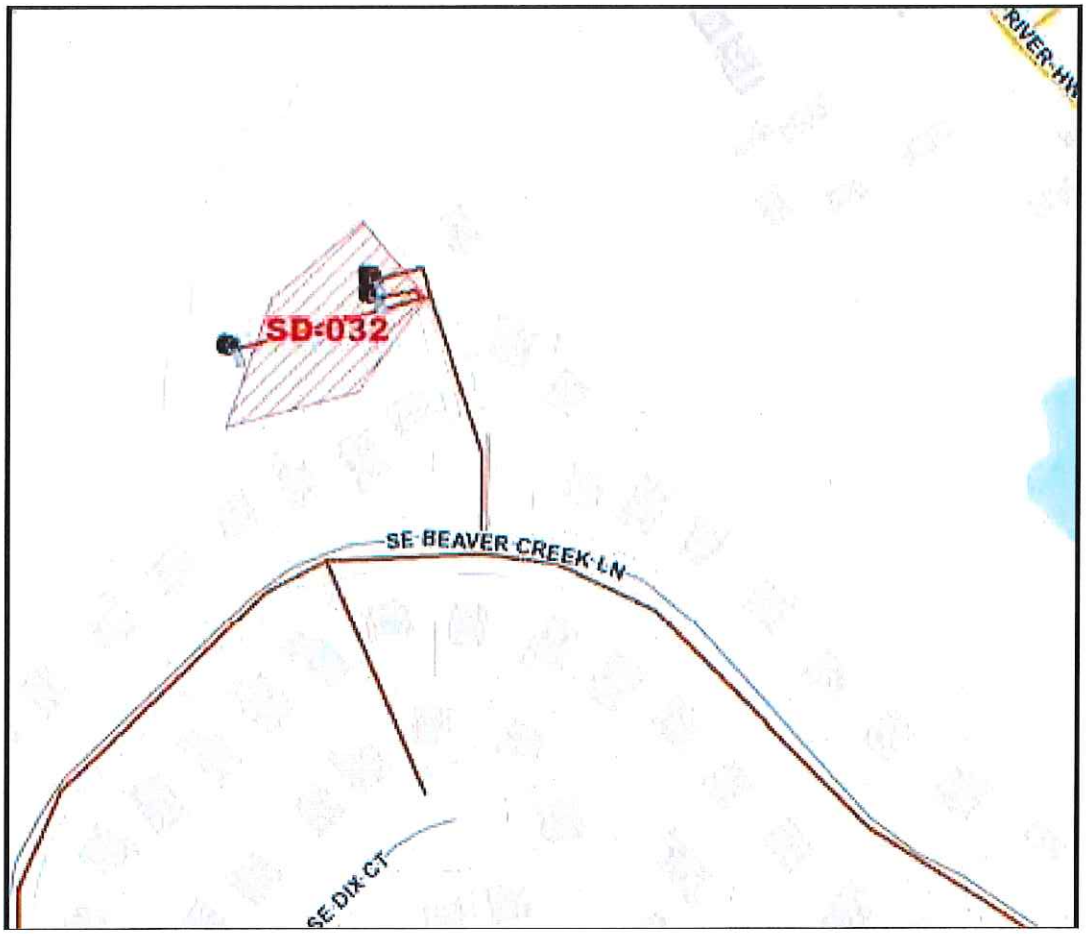
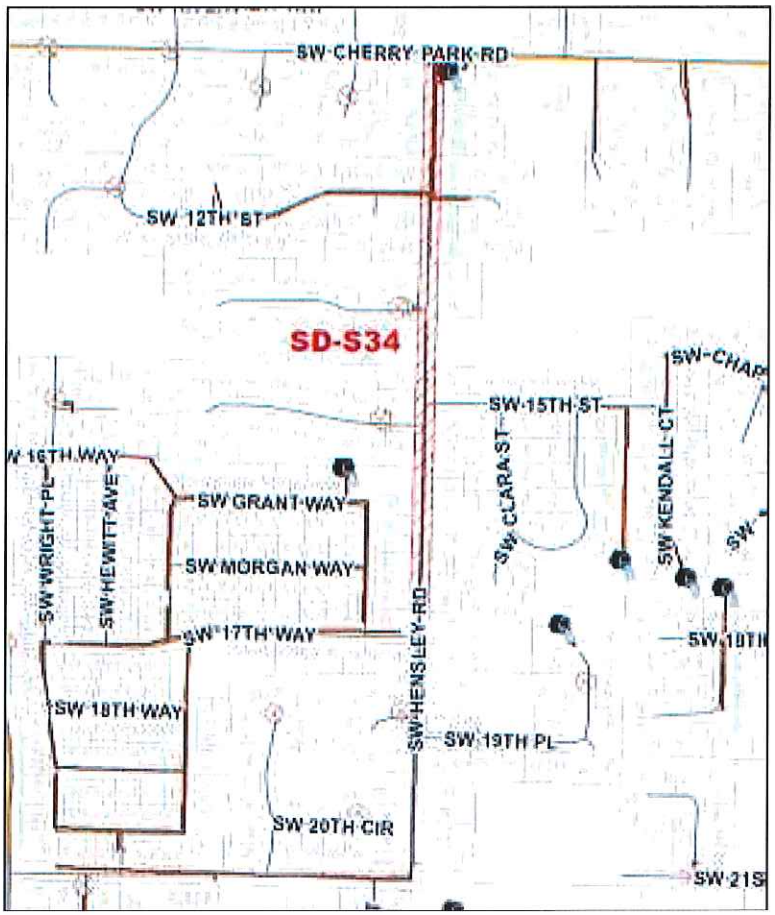


EXHIBIT D

~~15.~~16. **Project Name:**	Hensley Road Storm Drainage – N/S Leg
Project Number:	SD-S34
Timeframe:	Medium Term
Estimated Cost:	~~TBD~~ $ 50,000
Funding Source:	Storm Sewer Improvement Fund (50%), Storm Sewer Utility Fund (50%)
Problem:	Street widening and improvements to the N/S leg of SW Hensley Road will necessitate the provision of storm drainage systems to serve the improved roadway.
Proposed Solution:	Install storm drainage facilities associated with roadway improvements on the N/S leg of SW Hensley Road.
Identified By:	Staff
In previous CIP?	No*
Related Project(s):	ST-012~~, UG-XX~~

* The Hensley Road street improvements have long been in the Transportation CIP, but there has not been a corresponding storm drainage project in the CIP previously



~~16.~~17. **Project Name:**	Stuart Ridge Detention Pond Retrofit
Project Number:	SD-S33
Timeframe:	Long Term
Estimated Cost:	$ ~~117,000~~73,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.
Proposed Solution:	Retrofit the existing detention pond to ~~provide~~ add stormwater quality treatment capability.
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None

EXHIBIT D

~~17.~~18. **Project Name:**	SDIC Pump Station Upgrade, Phase II
Project Number:	SD-N07B
Timeframe:	Long Term
Estimated Cost:	$ 602,000 (City Share)
Funding Source:	Storm Sewer Improvement Fund (50%), Storm Sewer Utility Fund (50%)
Problem:	There will be inadequate pumping capacity at the Sandy Drainage Improvement Company's pump station with future flows from urbanization.
Proposed Solution:	Construct additional pumping and/or storage capacity.
Identified By:	North Troutdale Storm Drainage Master Plan, March 1990, prepared by David J. Newton Associates, Inc.
In previous CIP?	Yes
Related Project(s):	~~None~~SD-N29

~~18.~~19. **Project Name:**	Unified Storm Drainage Master Plan
Project Number:	SD-SN1
Timeframe:	Long Term
Estimated Cost:	$ 150,000
Funding Source:	Storm Sewer Improvement Fund (37.5~~,~~%) Storm Sewer Utility Fund (37.5%) SDIC (25%)
Problem:	The North Troutdale Storm Drainage Master Plan, prepared in 2007, and South Troutdale Storm Drainage Master Plan, prepared in 2012, will be outdated and in need of update. These master plans should be unified in the future.
Proposed Solution:	Update both the North and South Troutdale Storm Drainage Master Plans in a new unified City of Troutdale Storm Drainage Master Plan.
Identified By:	Staff
In previous CIP?	No
Related Project(s):	None

CIP Summary Tables (DRAFT)

Cost Basis: 2016 Dollars

STORM SEWER

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Graham Road Storm Drainage	SD-N20	Immediate (in-progress)	$ 1,800,000	$ 550,000	Port ($1,800,000), Storm Imp ($550,000)	Y	ST-080
Salmon Creek Weir Improvements	SD-N21	Immediate (in-progress)		$ 150,000	SDIC, Port, Storm Imp ($150,000)	Y	None
Beaver Creek Culverts	SD-S27	Immediate (in-progress)	$ 1,608,000	$ 100,000	County ($1,608,000) Storm Imp ($100,000)	Y	ST-007
Rehabilitate and Upgrade North Evans Outfall	SD-S28	Immediate	$ 145,000	$ 145,000	Storm (100%)	Y	None
Update North Troutdale Storm Drainage Master Plan	SD-N29	Immediate	$ 100,000	$ 50,000	Storm Imp (25%) Storm (25%) SDIC (50%)	N	All SD-N
SW 14th Street Drainage Improvement	SD-S35	Immediate	$ 15,000	$ 15,000	Storm (100%)	N	None
Columbia River Highway Bypass	SD-N25	Short	$ 466,000	$ 466,000	Storm Imp (100%)	Y	SD-N29
North Arata Creek Drain Line Improvement	SD-N23	Short	$ 760,000	$ 760,000	Storm Imp (100%)	Y	SD-N29
South Arata Creek Culvert Improvement	SD-N24	Short	$ 678,000	$ 678,000	Storm Imp (100%)	Y	SD-N29
Sandee Palisades Detention Pond Retrofit	SD-S31	Short	$ 170,000	$ 170,000	Storm (100%)	Y	None
Marine Drive Culvert Bypass	SD-N26	Medium	$ 635,000	$ 635,000	Storm Imp (100%)	Y	SD-N29
NW Dunbar Avenue Storm Line	SD-N16	Medium	$ 361,000	$ 361,000	Storm Imp (100%)	Y	ST-045
SE 3rd Street and SE Dora Avenue Main Upsizing	SD-S29	Medium	$ 149,000	$ 149,000	Storm (100%)	Y	None
SE 21 Street Main Upsizing	SD-S30	Medium	$ 122,000	$ 122,000	Storm (100%)	Y	None
Strawberry Meadows Detention Pond Retrofit	SD-S32	Medium	$ 98,000	$ 98,000	Storm (100%)	Y	None
Hensley Road Storm Drainage - N/S Leg	SD-S34	Medium	$ 50,000	$ 50,000	Storm Imp (50%), Storm (50%)	N	ST-012, UG-XX
Stuart Ridge Detention Pond Retrofit	SD-S33	Long	$ 73,000	$ 73,000	Storm (100%)	Y	None
SDIC Pump Station Upgrade, Phase II	SD-N07B	Long		$ 602,000	Storm Imp ($301,000), Storm ($301,000), SDIC	Y	SD-N29
Unified Storm Drainage Master Plan	SD-SN1	Long	$ 150,000	$ 112,500	Storm Imp (37.5%) Storm (37.5%) SDIC (25%)	N	None
		TOTALS	$ 7,380,000	$ 5,286,500			

DELETED AND EXCLUDED PROJECTS	Project #	In Previous CIP?	Estimated Total Cost	Estimated City Cost	Funding Source(s)	Reason for Deletion/Exclusion
SE 21st Street Outfall Upgrade	SD-S13	Y	$ 202,000	$ 202,000	Storm Imp, Storm	Monitored, determined unnecessary
I-84 Underpass Storm Sewer Upgrade	NA	Y		$ 150,000	Storm Imp, Storm, SDIC	Cancelled by SDIC/ODOT
		TOTALS	$ 202,000	$ 352,000		

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr)

EXHIBIT E

Parks Improvements

1. **Project Name:** Update Parks Master Plan
   Project Number: PA-001
   Timeframe: Immediate
   Estimated Cost: $ 50,000
   Funding Source: Parks Improvement Fund (50%), General Fund-Parks (50%)
   Problem: The Parks Master Plan, prepared in 2006, and the Glenn Otto Park Master Plan, prepared in 2002, are near the end of their planning horizon. Changes in population forecasts, demographics, community needs and land availability render the existing Park Master Plan and Glenn Otto Park Master Plan antiquated and in need of update.
   Proposed Solution: Prepare a new Parks Master Plan, including a new Glenn Otto Park master plan.
   Identified By: Staff
   In previous CIP? ~~Yes~~No
   Related Project(s): ~~None~~All PA CIP

2. **Project Name:** Visionary Park
   Project Number: PA-018
   Timeframe: Immediate
   Estimated Cost: $ 60,000
   Funding Source: Parks Improvement Fund (100%)
   Problem: Citizens and elected officials have identified the need to recognize the centennial anniversary of the Historic Columbia River Highway. Commemorative artwork has been offered as a donation to the City, and an appropriate site identified, but site work and related amenities are needed.
   Proposed Solution: Construct the Visionary Park site work and related amenities as provided in Resolution #2306
   Identified By: City Council, Visionary Friends of Troutdale, Resolution #2306
   In previous CIP? No
   Related Project(s): None

EXHIBIT E

~~2.~~3. **Project Name:**	Improve Existing Parks PH I
Project Number:	PA-002
Timeframe:	Short Term
Estimated Cost:	$ 2,148,992
Funding Source:	Parks Improvement Fund (65.9%), General Fund-Parks (34.1%)
Problem:	Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.
Proposed Solution:	Make improvements at various parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-007, PA-011

~~3.~~4. **Project Name:**	Special Use Park Development
Project Number:	PA-003
Timeframe:	Short Term
Estimated Cost:	$ 4,000,000
Funding Source:	Urban Renewal Agency (95%), Parks Improvement Fund (5%)
Problem:	The Urban Renewal Area will require public parks space including special use space that will complement the URA and the riverfront.
Proposed Solution:	Develop approximately 2.0 acres of the former STP site as a special use park.
Identified By:	*Parks Master Plan, 2006; Riverfront Renewal Plan, 2006 (Am. 2014)*
In previous CIP?	Yes
Related Project(s):	~~None~~PA-001

~~4.~~5. **Project Name:**	Neighborhood Park Site Acquisition PH I
Project Number:	PA-004
Timeframe:	Short Term
Estimated Cost:	$ 1,075,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Increases in population necessitate the acquisition of additional neighborhood park land to meet the City's established Level of Service standard.

Proposed Solution:	Acquire approximately 4.0 acres of neighborhood park land in growing areas of the City.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-006, PA-008

~~5.~~6. Project Name:	Community Park Site Acquisition
Project Number:	PA-005
Timeframe:	Short/Medium Term
Estimated Cost:	$ 1,881,250
Funding Source:	Parks Improvement Fund (100%)
Problem:	Increases in population necessitate the acquisition of additional community park land to meet the City's established Level of Service standard.
Proposed Solution:	Acquire approximately 7.0 acres of community park land to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	~~None~~PA-001, PA-009

~~6.~~7. Project Name:	Neighborhood Park Development
Project Number:	PA-006
Timeframe:	Short/Medium Term
Estimated Cost:	$ 400,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Neighborhood park land acquired in Project PA-004 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 4.0 acres of neighborhood park land to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-004

~~7.~~8.**Project Name:**	Improve Existing Parks PH II
Project Number:	PA-007
Timeframe:	Short/Medium Term
Estimated Cost:	$ ~~1,074,496~~1,074,000
Funding Source:	Parks Improvement Fund (65.9%), General Fund-Parks (34.1%)
Problem:	Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.
Proposed Solution:	Make improvements to existing parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-002, PA-011

~~8.~~9.**Project Name:**	Neighborhood Park Site Acquisition PH II
Project Number:	PA-008
Timeframe:	Short/Medium Term
Estimated Cost:	$ ~~919,125~~919,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Increases in population necessitate the acquisition of additional neighborhood park land to meet the City's established Level of Service standard.
Proposed Solution:	Acquire approximately 3.42 acres of neighborhood park land in growing areas of the City.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-004

~~9.~~10. **Project Name:**	Community Park Site Development
Project Number:	PA-009
Timeframe:	Short/Medium Term
Estimated Cost:	$ 400,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Community park land acquired in project PA-005 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 7 acres of community parks in growing areas of the City.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-005

~~10.~~11. **Project Name:**	Pathway Trails Development PH I
Project Number:	PA-010
Timeframe:	Short/Medium Term
Estimated Cost:	$ ~~388,080~~ 388,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Additional pathway and trail development is need to complete the "40-mile loop".
Proposed Solution:	Develop approximately 1 linear mile of pathway/trails to complete the "40-mile loop" trail on the levee and along Harlow Place.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-015

~~11.~~12. **Project Name:**	Improve Existing Parks PH III
Project Number:	PA-011
Timeframe:	Short/Medium Term
Estimated Cost:	$ ~~1,074,496~~1,074,000
Funding Source:	Parks Improvement Fund (65.9%), General-Parks (34.1%)
Problem:	Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.
Proposed Solution:	Make improvements to existing parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-002, PA-007 ~~None~~

~~12.~~13. **Project Name:**	Neighborhood Park Site Development PH II
Project Number:	PA-012
Timeframe:	Long Term
Estimated Cost:	$ 342,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Neighborhood park land acquired in Project PA-008 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 3.42 acres of neighborhood parks in growing areas of the City.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-008

~~13.~~14. **Project Name:**	Community Park Site Acquisition PH II
Project Number:	PA-013
Timeframe:	Long Term
Estimated Cost:	$ ~~1,773,750~~1,774,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Increases in population necessitate the acquisition of additional community park land to meet the City's established Level of Service standard.
Proposed Solution:	Acquire approximately 6.6 acres of land for community parks to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-014~~None~~

~~14.~~15. **Project Name:**	Community Park Site Development PH II
Project Number:	PA-014
Timeframe:	Long Term
Estimated Cost:	$ 660,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Community park land acquired in Project PA-013 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 6.6 acres of community park land to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-013

~~15.~~16. **Project Name:**	Pathways/Trails Development PH II
Project Number:	PA-015
Timeframe:	Long Term
Estimated Cost:	$~~1,090,320~~1,090,000
Funding Source:	General Fund-Parks (100%)
Problem:	Additional pathway and trail development is needed to meet the City's desired level of service.
Proposed Solution:	Develop approximately 5.9 linear miles of pathway/trails.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-010

~~16.~~17. **Project Name:**	Neighborhood Park Acquisition and Development PH III
Project Number:	PA-016
Timeframe:	Long Term
Estimated Cost:	$ ~~1,851,125~~1,851,000
Funding Source:	General Fund-Parks (100%)
Problem:	Existing deficiencies in neighborhood park land necessitate the acquisition and development of additional neighborhood parks to meet the City's Level of Service standard.
Proposed Solution:	Acquire and develop approximately 5.02 acres of land as neighborhood parks.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001,~~None~~

~~17.~~18. **Project Name:**	Community Park Acquisition and Development PH III
Project Number:	PA-017
Timeframe:	Long Term
Estimated Cost:	$ ~~2,603,375~~2,603,000
Funding Source:	General Fund-Parks (100%)
Problem:	Existing deficiencies in community park land necessitate the acquisition and development of additional community park land to meet the City's Level of Service standard.
Proposed Solution:	Acquire and develop approximately 7.06 acres of land as a community park.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001,~~None~~

CIP Summary Tables (DRAFT)

Cost Basis: 2016 Dollars

Parks

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Update Parks Master Plan	PA-001	Immediate	$ 50,000	$ 50,000	Parks Imp (50%), General-Parks (50%)	N	All PA CIP
Visionary Park	PA-018	Immediate	$ 60,000	$ 60,000	Parks Imp (100%)	N	None
Improve Existing Parks PH I	PA-002	Short	$ 2,149,000	$ 2,149,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-007, PA-011
Special Use Park Development	PA-003	Short	$ 4,000,000	$ 4,000,000	Parks Imp (5%) URA (95%)	Y	PA-001
Neighborhood Park Site Acquisition	PA-004	Short	$ 1,075,000	$ 1,075,000	Parks Imp (100%)	Y	PA-001, PA-006, PA-008
Community Park Site Acquisition	PA-005	Short/Medium	$ 1,881,000	$ 1,881,000	Parks Imp (100%)	Y	PA-001, PA-009
Neighborhood Park Development	PA-006	Short/Medium	$ 400,000	$ 400,000	Parks Imp (100%)	Y	PA-001, PA-004
Improve Existing Parks PH II	PA-007	Short/Medium	$ 1,074,000	$ 1,074,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-002, PA-011
Neighborhood Park Site Acquisition PH II	PA-008	Short/Medium	$ 919,000	$ 919,000	Parks Imp (100%)	Y	PA-001, PA-004
Community Park Site Development	PA-009	Short/Medium	$ 400,000	$ 400,000	Parks Imp (100%)	Y	PA-001, PA-005
Pathway Trails Development PH I	PA-010	Short/Medium	$ 388,000	$ 388,000	Parks Imp (100%)	Y	PA-001, PA-015
Improve Existing Parks PH III	PA-011	Short/Medium	$ 1,074,000	$ 1,074,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-002, PA-007
Neighborhood Park Site Development PH II	PA-012	Long	$ 342,000	$ 342,000	Parks Imp (100%)	Y	PA-001, PA-008
Community Park Site Acquisition PH II	PA-013	Long	$ 1,774,000	$ 1,774,000	Parks Imp (100%)	Y	PA-001, PA-014
Community Park Site Development PH II	PA-014	Long	$ 660,000	$ 660,000	Parks Imp (100%)	Y	PA-001, PA-013
Pathways/Trails Development PH II	PA-015	Long	$ 1,090,000	$ 1,090,000	General-Parks (100%)	Y	PA-001, PA-010
Neighborhood Park Acquisition and Development PH III	PA-016	Long	$ 1,851,000	$ 1,851,000	General-Parks (100%)	Y	PA-001
Community Park Acquisitions and Development PH III	PA-017	Long	$ 2,603,000	$ 2,603,000	General-Parks (100%)	Y	PA-001
		TOTALS	$ 21,790,000	$ 21,790,000			

DELETED AND EXCLUDED PROJECTS	Project #	In Previous CIP?	Estimated Total Cost	Estimated City Cost	Funding Source(s)	Reason for Deletion/Exclusion
Parks Maintenance Building	NA	Y	$ 750,000	$ 750,000	General (Parks)	Completed

RESOLUTION NO.

A RESOLUTION ADOPTING THE PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENT PLAN, RESCINDING RESOLUTIONS 1995 AND 2225, AND RESCINDING THE PARKS CAPITAL IMPROVEMENT PLAN ADOPTED BY RESOLUTION 1941

THE TROUTDALE CITY COUNCIL FINDS AS FOLLOWS:

1. ORS 223.309 requires local governments that have system development charges to prepare a capital improvement plan that includes a list of the capital improvements that the local government intends to fund, in whole or in part, with revenues from an improvement fee.

2. The capital improvement plan contained in this resolution is intended to comply with ORS 223.309.

3. Resolution numbers 1941, 2225, and 1995, currently in effect, established the current capital improvement plan project listing.

3. The capital improvement plan contained in this resolution provides a listing of, and information regarding, planned capital improvement projects.

4. This resolution and capital improvement plan does not address projects that are solely for maintenance, repair or replacement and therefore not classified as improvement projects.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TROUTDALE

Section 1. The City of Troutdale Public Works Department Capital Improvement Plan, dated March 2016, attached hereto as Attachment A and made a part hereof, is adopted.

Section 2. Resolution numbers 1995 and 2225 are rescinded.

Section 3. The Parks Capital Improvement Plan adopted in Resolution 1941 is rescinded.

Section 4. This Resolution shall be effective immediately upon adoption.

YEAS:
NAYS:
ABSTAINED:

Doug Daoust, Mayor

Date

Kenda Schlaht, Deputy City Recorder

Adopted:

ATTACHMENT A

City of Troutdale
Public Works Department
Capital Improvement Plan

March, 2016
Resolution No. _____

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Introduction

This document provides a plan for City-funded, capacity-enhancing capital improvements that the City anticipates will be needed over approximately the next 20 years. Among other purposes, this plan supports the expenditure of system development charge improvement fees as required by ORS 223.309.

The City's Comprehensive Plan provides the overall context for development and redevelopment patterns within the City. Comprehensive planning leads to projections of the magnitude of growth and the patterns and intensities of growth and development. These projections in turn inform the development of system Master Plans. System Master Plans are the primary source for projects in this CIP. Projects can also be identified based on the goals and vision of the community and the City Council.

The Plan is the result of a process involving four distinct steps:

1. Project identification by the appropriate Public Works Division. Projects are most commonly identified through the City's Master Plans and each Master Plan has included public involvement during its development. Projects can be identified through other processes as well, often after receiving input from concerned citizens, groups, or organizations.
2. Project reviews and consolidation by the Public Works Department.
3. Project review and comment by other City staff.
4. Plan revision, if necessary, and adoption by the City Council following a public hearing.

The Plan consists of these elements:

1. Project Name: A brief description of the project.
2. Project Number: A five-digit number consisting of a two-digit prefix identifying the type of project (WA = Water, SA = Sanitary Sewer, SD = Storm Drainage, ST = Streets/Transportation, and PA = Parks) and three digits to consecutively number the projects within their respective categories from 001 to 999. Storm drainage projects vary slightly, with the third digit being either an "N" (for North Troutdale Drainage Basin, flowing to the Columbia River) or an "S" (for South Troutdale Drainage Basin, flowing to the Sandy River), then the last two digits number the projects consecutively from 01 to 99 within the basin. The project numbers are for tracking and reporting purposes only and do not denote priority or proposed sequence of accomplishment.
3. Timeframe: The estimated general timeframe within which the project is expected to occur. Immediate: Project is in progress, or to commence within the next 1 or 2 fiscal years. Short: Within the next 5 fiscal years. Medium: Within the next 5-10 fiscal years. Long: 10 years or more.

4. Estimated Cost: The estimated cost of the project. Where applicable, the total cost of the project along with the anticipated City contribution. All costs shown in this plan are reflected in current dollars (as if the project were built today), and actual dollar figures realized for future projects will likely be higher due to construction cost inflation over time.
5. Funding Source: The proposed source of funds for the project, including the percentage of the project cost that will be paid for with system development charge revenue. "Improvement Funds" contain SDC revenue. Identification of a proposed funding source does not prohibit the City Council and Budget Committee from substituting an alternative funding source due to funding availability or other reasons, subject to the limitations and requirements of budget and SDC laws and ordinances.
6. Problem: The problem to be solved by the project.
7. Proposed Solution/Description: A description of the essential elements of the project.
8. Identified By: The agency, document or other party that identified the problem and/or proposed the solution.
9. In Previous CIP: Yes = This project was listed in the previous iteration of the CIP; No = This is a newly identified project in this current iteration of the CIP.
10. Related Projects: The identification of any other Capital Improvement Projects that might substantially affect this project.

This Plan does not appropriate funds nor authorize improvements to be accomplished. Funding for a proposed project must be appropriated through the normal budget process. The City Council and Budget Committee retain authority to approve or reject funding for any project herein during that budget process each fiscal year. Applicable Federal, State, and local laws, rules, and regulations apply. Inclusion of a project in this Plan is not an indication that project approval will be granted, funds will be appropriated, external funds will be forthcoming, or necessary permits will be issued. The City Council may amend this plan at any time, and it is recommended that this plan be reviewed and updated (as needed) by the City Council at least annually.

Comments concerning the format and/or content of this Plan are welcomed and should be addressed to the Public Works Department, City of Troutdale, 342 SW 4th Street, Troutdale, OR 97060.

ABBREVIATIONS

CBD	Central Business District
CIP	Capital Improvement Plan

ODOT	Oregon Department of Transportation
PRV	Pressure Regulating Valve
SDIC	Sandy Drainage Improvement Company
STIP	Surface Transportation Improvement Program (State of Oregon)
URA	Urban Renewal Area or Urban Renewal Agency

Transportation Improvements

1. **Project Name:** Improve NW Graham Road

   Project Number: ST-080

   Timeframe: Immediate (in-progress)

   Estimated Cost: $ 3,400,000 (Total Cost) $ 550,000 (City Share)

   Funding Source: Port of Portland, ODOT ($ 2,850,000)
   Street Improvement Fund ($ 550,000)

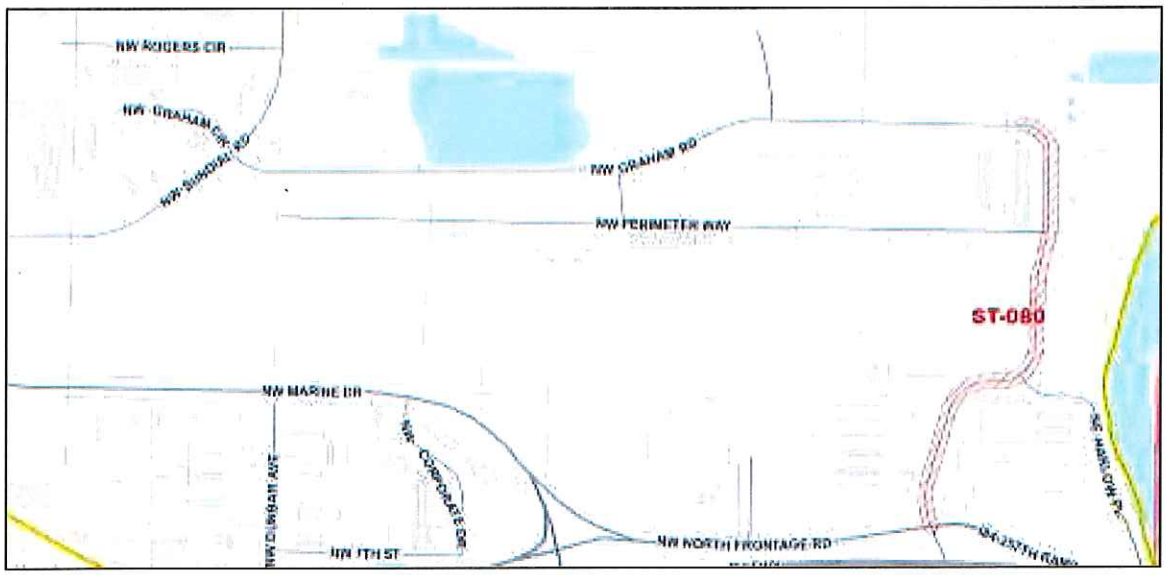
   Problem: Portions of NW Graham Road need to be reconstructed, widened and/or structurally upgraded to accommodate traffic growth, especially freight, with the development of the north industrial area including the Troutdale Reynolds Industrial Park.

   Proposed Solution: Widen and improve selected portions of NW Graham Road.

   Identified By: *City of Troutdale Transportation System Plan* (Project M8)

   In Previous CIP? Yes

   Related Project(s): SD-N20



2. **Project Name:** Downtown Parking Lot

Project Number: ST-089

Timeframe: Immediate

Estimated Cost: $ 50,000

Funding Source: Police Facility Capital Project Fund (100%)

Problem: Additional parking capacity is desired in the central business district and business owners have indicated a desire for more public parking availability in the CBD for all users. The construction of the new Police Facility has left the old Police Department site available for redevelopment and reuse.

Proposed Solution: Construct a public parking lot on the old Police Department site at 141 SE Dora Avenue.

Identified By: City Council

In Previous CIP? No

Related Project(s): ST-081

3. **Project Name:** Downtown Parking Study

Project Number: ST-090

Timeframe: Immediate

Estimated Cost: $ 51,000

Funding Source: Street Fund (25%), Street Improvement (25%)
General Fund-Planning (50%)

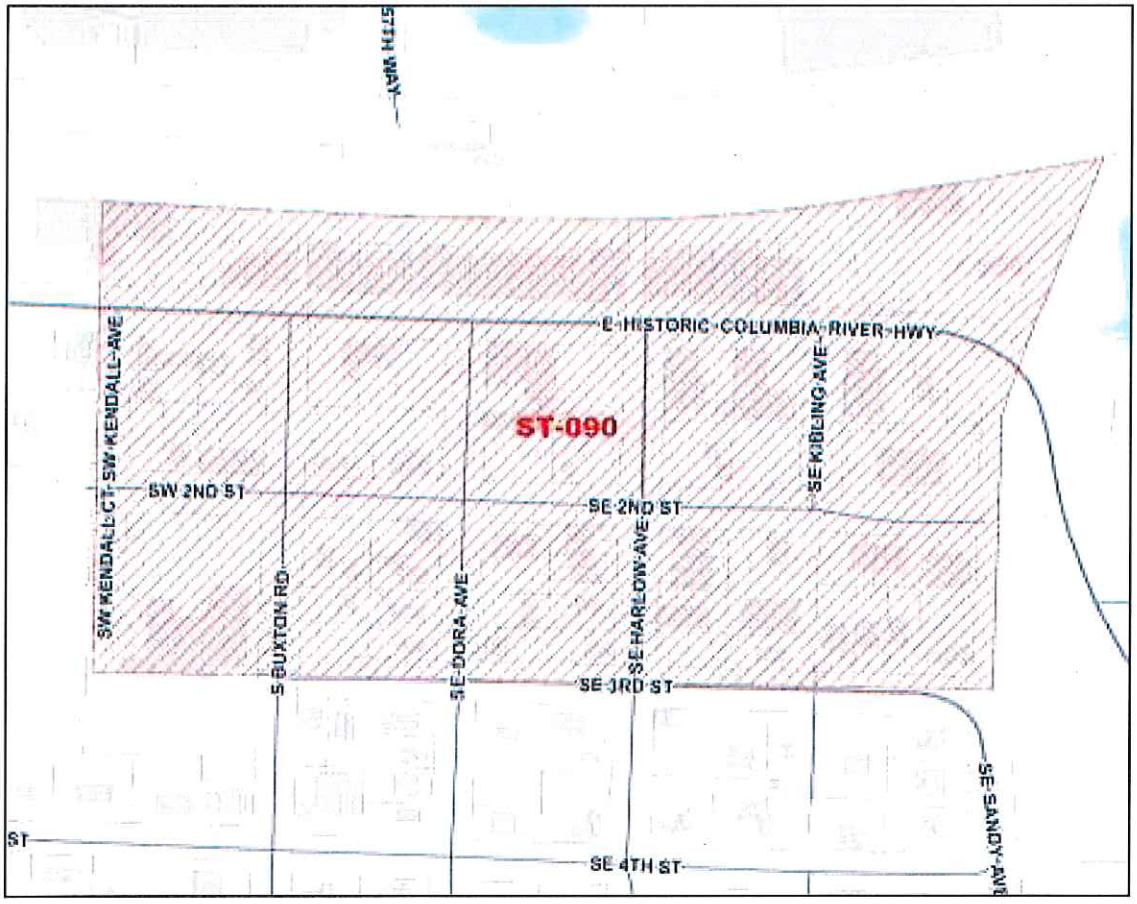
Problem: Additional ADA and bicycle parking is desired in the central business district and business owners have indicated a desire for more public parking availability in the CBD for all users.

Proposed Solution: Conduct a study to optimize existing parking in the CBD, and to identify and assess opportunities for developing additional public parking, including ADA and bicycle parking.

Identified By: *City of Troutdale Transportation System Plan* (Project M13)

In Previous CIP? No

Related Project(s): ST-081, ST-082, ST-089



4. **Project Name:** Columbia Gorge Bike Hub

Project Number: ST-082

Timeframe: Immediate

Estimated Cost: $85,000

Funding Source: ODOT (100%)

Problem: The CBD is a town center intended to be bicycle-friendly. Additionally, the CBD lies on a very popular bicycle touring route and experiences large, and increasing, bicycle traffic volumes. Bicycle parking and support facilities for cyclists are very limited in the CBD, discouraging CBD workers from bicycling and discouraging bicyclists from visiting and stopping in the CBD. Travel Oregon is partnering with Cities (including Troutdale) along the Columbia Gorge and other community groups to develop Bicycle Hubs in each City that will provide rest stops and support services for bicycle riders. Troutdale currently lacks such a bike hub.

Proposed Solution: Construct a Bike Hub along Historic Columbia River Highway

Identified By: Travel Oregon, Chamber of Commerce, City Council

In Previous CIP? No

Related Project(s): ST-090, ST-081

5. **Project Name:** ADA Transition Plan for PW Facilities

Project Number: ST-083

Timeframe: Immediate

Estimated Cost: $ 15,000

Funding Source: Public Works Management (100%)

Problem: All municipalities are required to prepare, adopt and pursue an ADA transition plan to remove existing ADA barriers. The City's ADA transition plan is out of date and needs updated.

Proposed Solution: Prepare a new ADA transition plan for Public Works Facilities.

Identified By: Staff

In Previous CIP? No

Related Project(s): ST-088

6. **Project Name:** Primary Access to Urban Renewal Area

Project Number: ST-084

Timeframe: Short Term

Estimated Cost: $3,197,000

Funding Source: Urban Renewal Agency (100%)

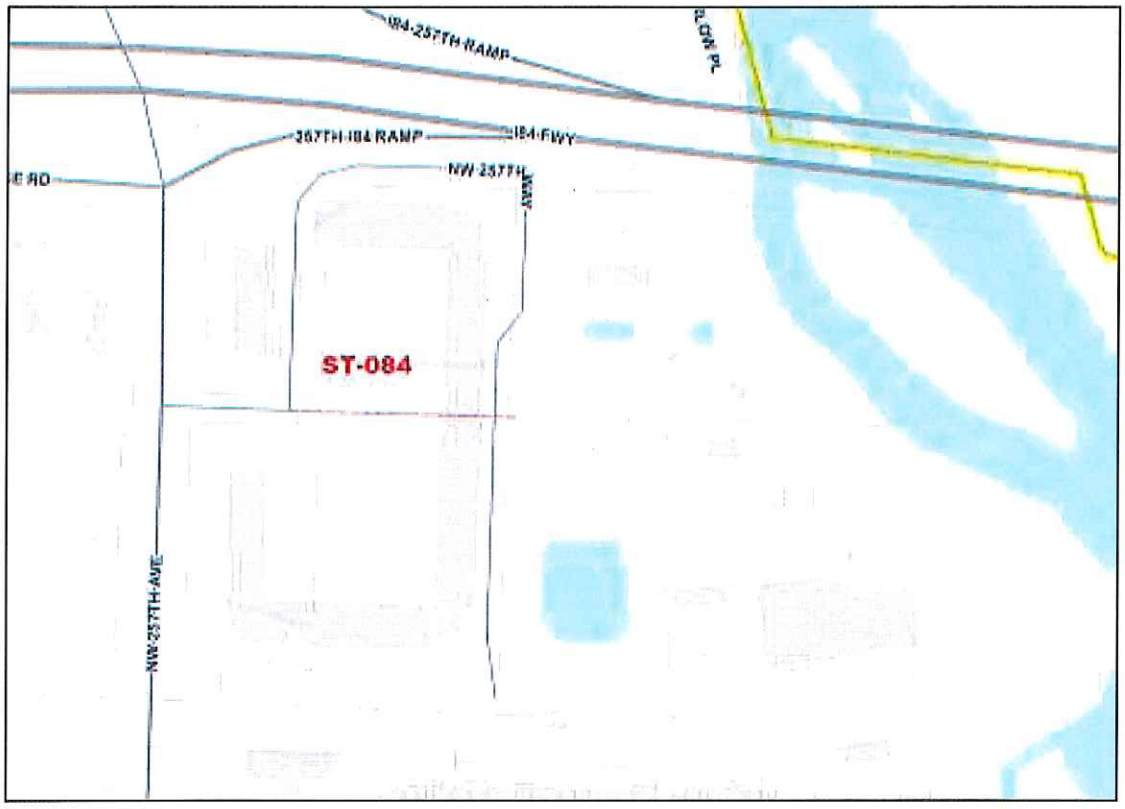
Problem: The Urban Renewal Area lacks a sufficient primary automobile, bicycle and pedestrian access road.

Proposed Solution: Acquire right-of-way and construct a new public street through the Columbia Factory Outlet Mall property from the intersection of SW 257th Avenue and SW 257th Way to the Urban Renewal Area.

Identified By: *Riverfront Renewal Plan, 2006*

In Previous CIP? No

Related Project(s): None



7. **Project Name:** Bicycle Parking in the CBD

Project Number: ST-081

Timeframe: Short Term

Estimated Cost: $ 31,000

Funding Source: Bike Paths and Trails Fund (50%), Street Fund (50%)

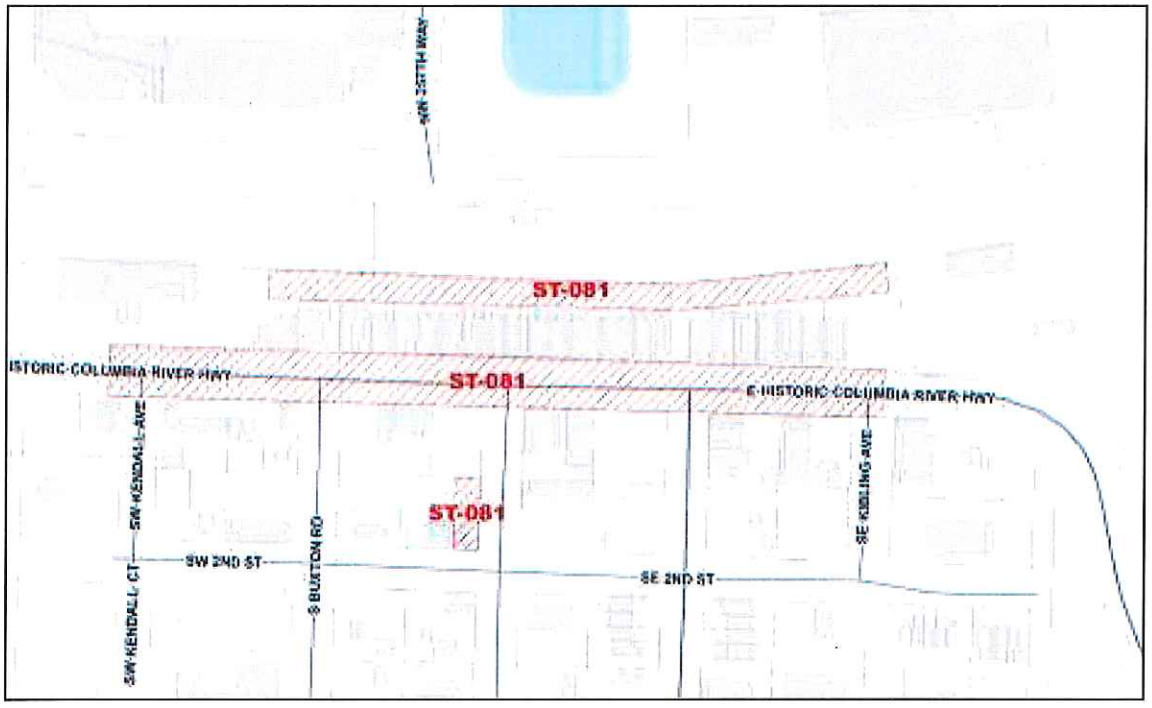
Problem: The CBD is a town center intended to be bicycle-friendly. Additionally, the CBD lies on a very popular bicycle touring route and experiences large, and increasing, bicycle traffic volumes. Bicycle parking is currently very limited in the CBD, discouraging CBD workers from bicycling and discouraging bicyclists from visiting and stopping in the CBD.

Proposed Solution: Install bicycle parking in the CBD at one or more locations, including covered/long-term bicycle parking

Identified By: *City of Troutdale Transportation System Plan* (Project B18)

In Previous CIP? No

Related Project(s): ST-082, ST-090, ST-091



8. **Project Name:** Shared Roadway Pavement Markings

Project Number: ST-091

Timeframe: Short Term

Estimated Cost: $ 62,000

Funding Source: Street Fund (100%)

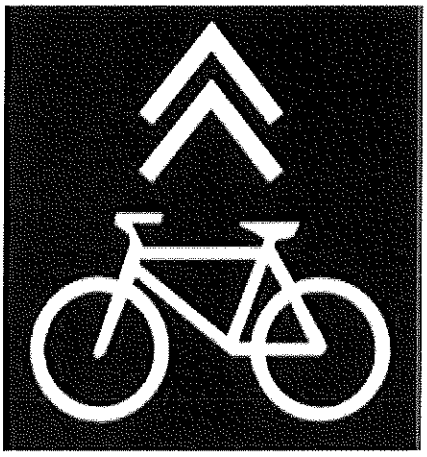
Problem: Several bicycle routes in the City do not have sufficient roadway space for dedicated bicycle lanes and are low-speed roads where bicycles can safely share the travel lanes with vehicles.

Proposed Solution: Install shared roadway pavement markings.

Identified By: *City of Troutdale Transportation System Plan* (Projects B11-B15)

In Previous CIP? No

Related Project(s): None



9. **Project Name:** Pedestrian Crossings/Traffic Calming in the CBD

Project Number: ST-079

Timeframe: Short Term

Estimated Cost: $ 150,000 (Total Cost) $ 60,000 (City Share)

Funding Source: County (50%), Developer (10%), Street Fund (25%)
Street Improvement Fund (15%)

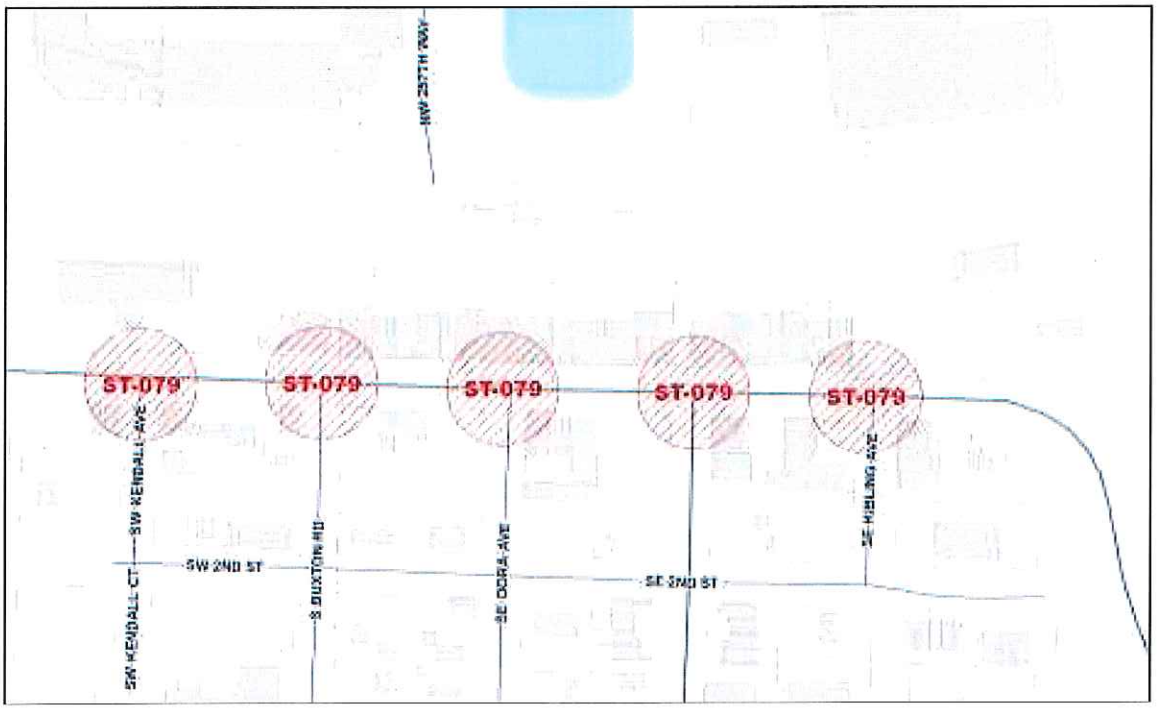
Problem: The CBD is a Town Center intended to be pedestrian-oriented, with additional focus on pedestrian safety, accessibility and circulation. Current configuration of Historic Columbia River Highway is auto-oriented and needs to be friendlier and more inviting to pedestrians, encourage pedestrians to circulate between north and south sides of street, and ADA compliant. On-street parking limits site distance for vehicles entering from side-streets. Traffic calming is needed to reduce vehicle speeds and improve vehicular and pedestrian safety.

Proposed Solution: Install curb extensions, including new ADA ramps, along HCRH at Kendall, Buxton, Dora, Harlow and Kibling intersections on north and south sides of HCRH

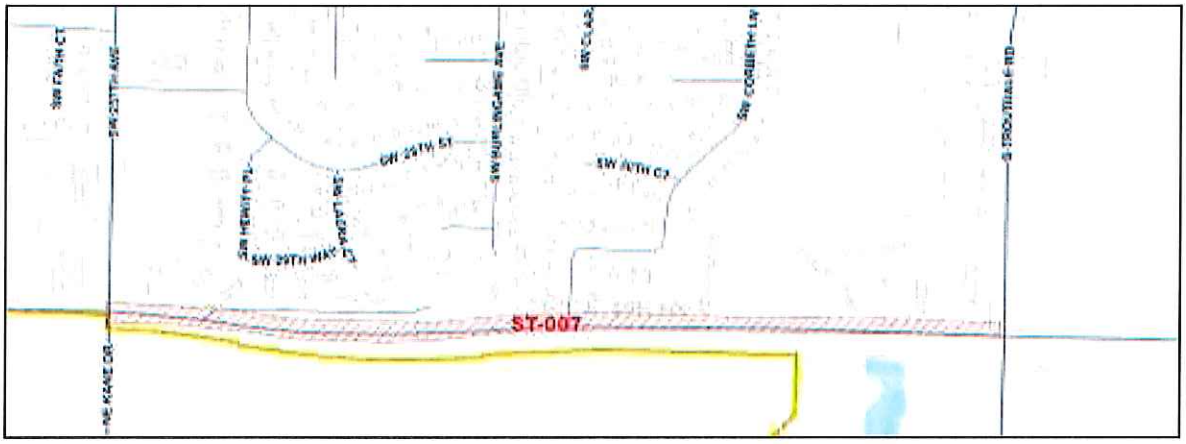
Identified By: *City of Troutdale Transportation System Plan* (Project P37)

In Previous CIP? No

Related Project(s): None

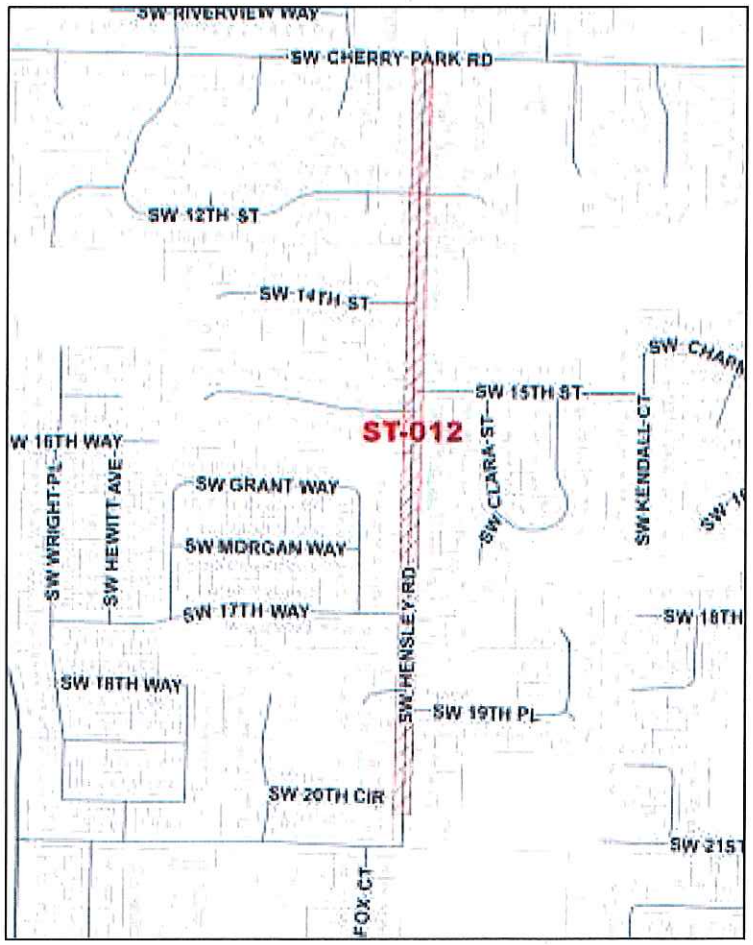


10. Project Name:	Improve Stark Street from 257th to Troutdale Road
Project Number:	ST-007
Timeframe:	Short Term
Estimated Cost:	$ 3,690,000 (Total Cost) $ 369,000 (City Share)
Funding Source:	County/Regional Funds (90%), Street Improvement Fund (10%)
Problem:	This portion of Stark Street needs additional travel lanes, a center turn lane, and bike and pedestrian capacity.
Proposed Solution:	Widen this portion of Stark Street to provide four travel lanes and a turn lane, reduce vertical and horizontal curves, and construct sidewalks and bike lanes.
Identified By:	*City of Troutdale Transportation System Plan* (Project M4), STIP, RTP
In Previous CIP?	Yes
Related Project(s):	SD-S27

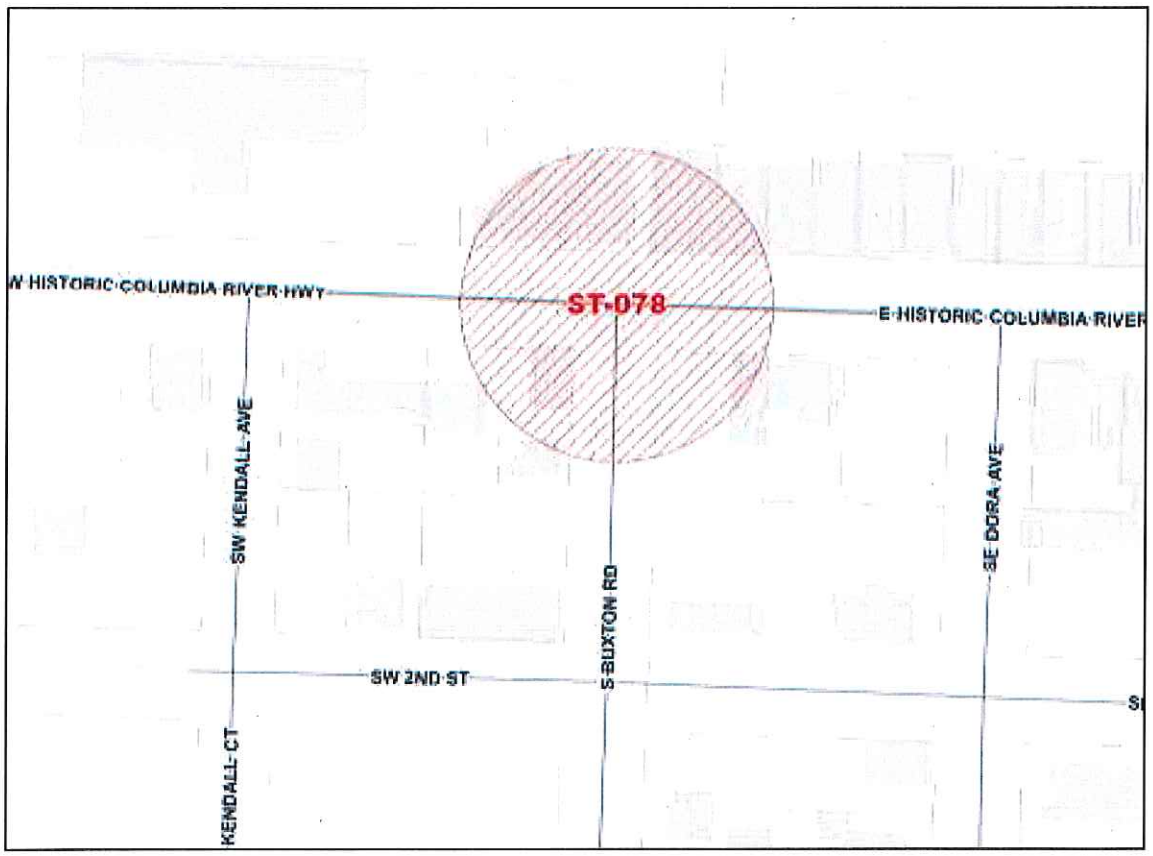


11. Project Name:	Construct Pedestrian Access ways
Project Number:	ST-064
Timeframe:	Short, Med and Long Term
Estimated Cost:	$ 120,000
Funding Source:	Bike Paths and Trails Fund (100%)
Problem:	Lack of pedestrian connectivity in several areas of the City.
Proposed Solution:	Construct pedestrian connection access ways in various locations in the City.
Identified By:	Staff
In Previous CIP?	Yes
Related Project(s):	None

12. Project Name:	Improve SW Hensley Road – N/S leg
Project Number:	ST-012
Timeframe:	Medium Term
Estimated Cost:	$ 300,000
Funding Source:	Street Improvement Fund (50%), Street Fund (50%)
Problem:	The north/south leg of SW Hensley does not meet current City street standards due to a lack of curbs, sidewalks and other standard streetscape elements.
Proposed Solution:	Improve SW Hensley Road by widening the roadway and constructing curbs, sidewalks, pedestrian crossings and other streetscape elements to meet current standards.
Identified By:	*City of Troutdale Transportation System Plan* (Project P8)
In Previous CIP?	Yes
Related Project(s):	SD-S34



13. Project Name:	Signal at Buxton/Historic Columbia River Highway
Project Number:	ST-078
Timeframe:	Medium Term
Estimated Cost:	$ 250,000 (Total Cost) $ 50,000 (City Share)
Funding Source:	County/Regional Funds (80%), Street Improvement Fund (20%)
Problem:	This intersection is currently stop controlled and experiences heavy volumes during peak hours. Proximity to 257/HCRH intersection creates traffic issues and backups. There is limited opportunity for traffic making a left turn from Buxton onto the Historic Columbia River Highway, resulting in delay and backups on Buxton.
Proposed Solution:	Install a traffic signal at the intersection of Buxton Avenue and the Historic Columbia River Highway. Coordinate signal phasing with 257th/Columbia River Highway signal.
Identified By:	*City of Troutdale Transportation System Plan* (Project M11)
In Previous CIP?	Yes
Related Project(s):	None



14. Project Name: Reconstruct and Improve NW Dunbar Avenue

Project Number: ST-045

Timeframe: Medium Term

Estimated Cost: $ 468,000

Funding Source: Street Improvement Fund (50%), Street Fund (50%)

Problem: NW Dunbar Avenue does not meet current City street standards due to insufficient pavement width, curbs, sidewalks and other standard streetscape elements..

Proposed Solution: Improve NW Dunbar Avenue by widening the roadway and constructing curbs, sidewalks, pedestrian crossings and other streetscape elements to meet the commercial/industrial standard.

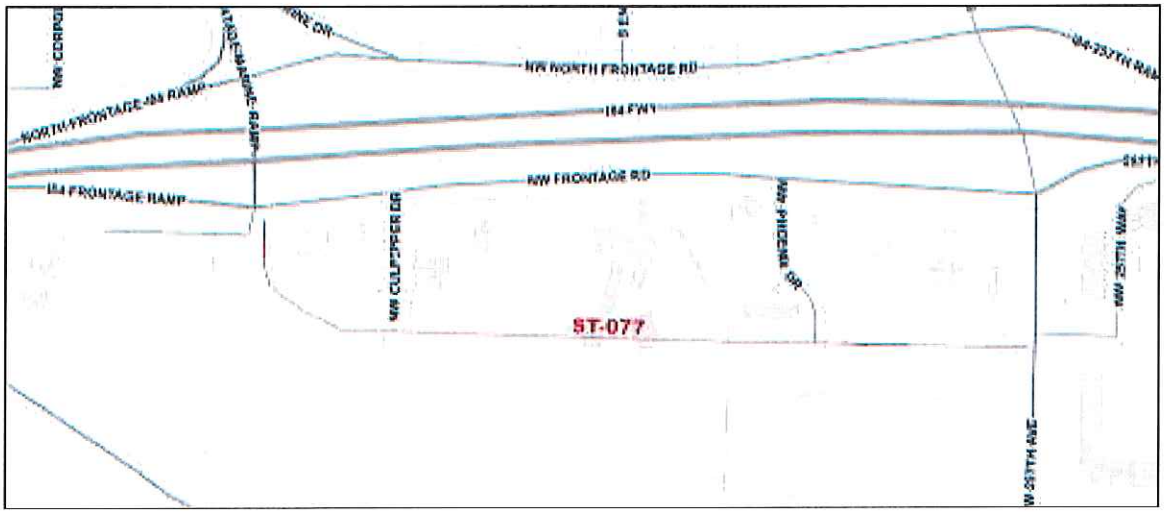
Identified By: *City of Troutdale Transportation System Plan* (Project M14)

In Previous CIP? Yes

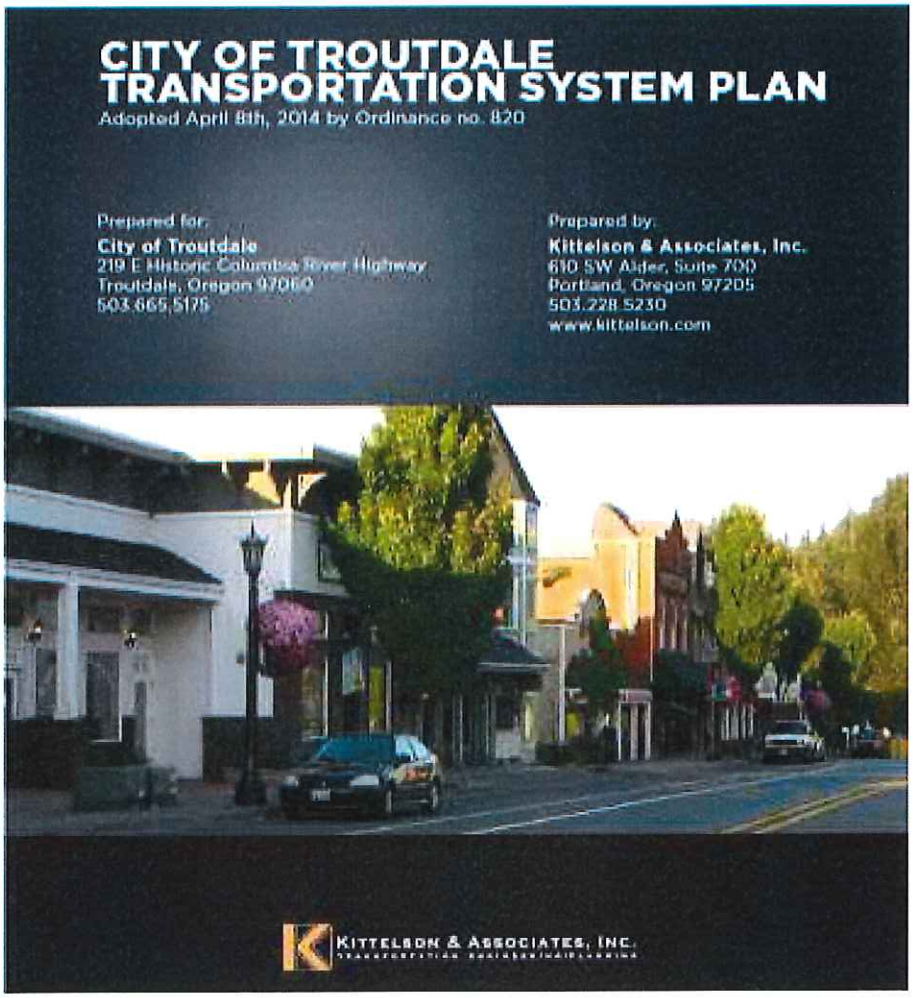
Related Project(s): SD-N16

15. Project Name:	Pedestrian Bridge from CBD to URA
Project Number:	ST-085
Timeframe:	Long Term
Estimated Cost:	$ 3,074,000
Funding Source:	Urban Renewal Agency (100%)
Problem:	There is a lack of direct pedestrian connectivity between the URA and the CBD. The Union Pacific Railroad (UPRR) presents a barrier to developing traditional ground-level pedestrian connections between the CBD and the URA.
Proposed Solution:	Construct a pedestrian bridge over the UPRR right of way between the CBD and the URA.
Identified By:	*Riverfront Renewal Plan, 2006*
In Previous CIP?	No
Related Project(s):	None

16. Project Name:	Backage Road (Marine Drive Extension)
Project Number:	ST-077
Timeframe:	Long Term
Estimated Cost:	$ 9,737,000 (Total Cost) $ 1,168,000 (City Share)
Funding Source:	ODOT STIP (88%), Street Improvement (12%)
Problem:	There are congestion and turning movement conflicts on the southern Frontage Road.
Proposed Solution:	Construct a roadway from the intersection of Marine Drive/South Frontage Road southerly and easterly to the intersection of 257th Drive/257th Way behind the Frontage Road businesses.
Identified By:	*City of Troutdale Transportation System Plan* (Project M9), *Troutdale Interchange Area Management Plan, 2011*
In Previous CIP?	Yes
Related Project(s):	None



17. Project Name:	Update the Transportation System Plan
Project Number:	ST-086
Timeframe:	Long Term
Estimated Cost:	$100,000
Funding Source:	General Fund-Planning (50%), Street Improvement (50%)
Problem:	The current Transportation System Plan, prepared in 2014, will be in need of update. The need to update may also be driven by Periodic Review or other state Planning requirements.
Proposed Solution:	Prepare an updated Transportation System Plan.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	None



18. Project Name: Sidewalk Infill

Project Number: ST-087

Timeframe: Ongoing

Estimated Cost: $75,000

Funding Source: Bike Paths and Trails Fund (50%), Street Fund (50%)

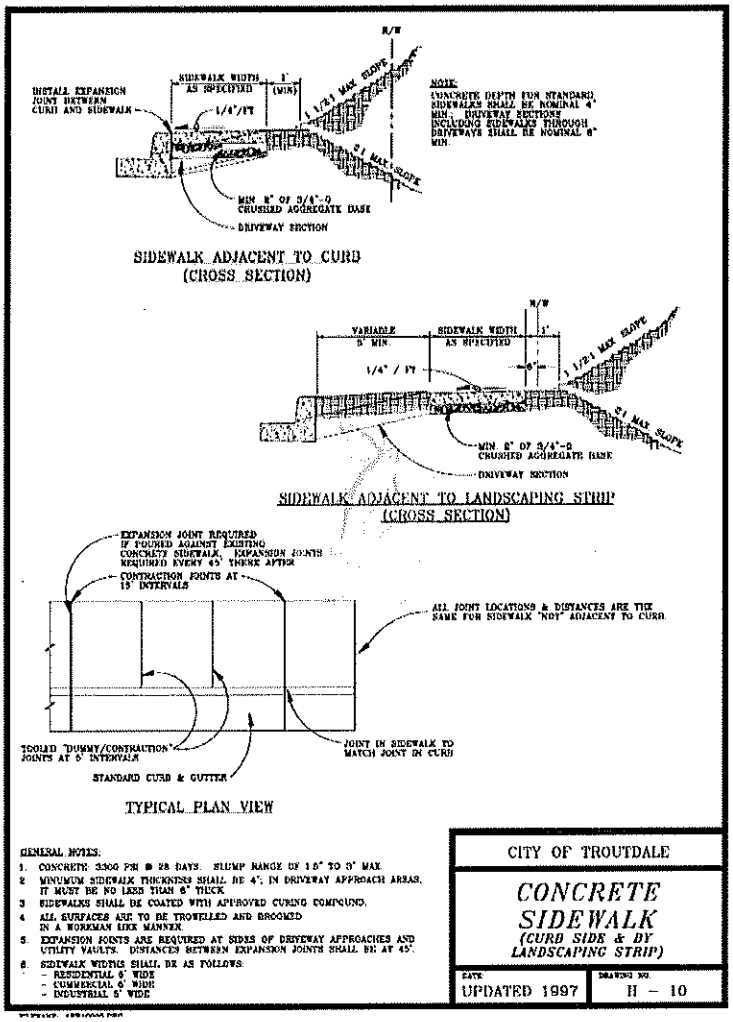
Problem: There are numerous gaps in the City's sidewalk system and some streets lack sidewalks entirely.

Proposed Solution: Construct sidewalks to infill gaps and to provide sidewalks on streets that have none.

Identified By: Staff

In Previous CIP? No

Related Project(s): None



19. Project Name:	ADA Infill/Upgrades on Public Streets
Project Number:	ST-088
Timeframe:	Ongoing
Estimated Cost:	$250,000
Funding Source:	Street Fund (50%), Bike Paths and Trails Fund (50%)
Problem:	The ADA Transition Plan will identify needed ADA infill and upgrade projects.
Proposed Solution:	Construct new and upgraded ADA facilities on public streets where directed by the ADA Transition Plan.
Identified By:	Staff
In Previous CIP?	No
Related Project(s):	ST-083

CIP Summary Table

TRANSPORTATION

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Improve NW Graham Road	ST-080	Immediate (in progress)	$ 3,400,000	$ 550,000	Port, ODOT STIP, JTA ($2,850,000) Street Imp ($550,000	Y	SD-N20
Downtown Parking Lot	ST-089	Immediate (in progress)	$ 50,000	$ 50,000	Police Facility Capital Project Fund (100%)	N	ST-081
Downtown Parking Study	ST-090	Immediate	$ 51,000	$ 51,000	Street (25%), General [Planning] (50%), Street Imp (25%)	N	ST-081, ST-082, ST-089
Columbia Gorge Bike Hub	ST-082	Immediate	$ 85,000	$ -	ODOT (100%)	N	ST-090, ST-081
ADA Transition Plan for PW Facilities	ST-083	Immediate	$ 15,000	$ 15,000	Public Works Management (100%)	N	ST-088
Primary Access to Urban Renewal Area	ST-084	Short	$ 3,197,000	$ 3,197,000	URA (100%)	N	None
Bicycle Parking in the CBD	ST-081	Short	$ 31,000	$ 31,000	Bike Paths/Trails (50%), Street (50%)	N	ST-082, ST-090, ST-091
Shared Roadway Pavement Markings	ST-091	Short	$ 62,000	$ 62,000	Street (100%)	N	None
Pedestrian Crossings/Traffic Calming in the CBD	ST-079	Short	$ 150,000	$ 60,000	County (50%), Developer (10%), Street (25%), Street Imp (15%)	N	None
Improve Stark Street from 257th to Troutdale Road	ST-007	Short	$ 3,690,000	$ 369,000	County/Regional Funds (90%) Street Imp (10%)	Y	SD-S27
Construct Pedestrian Accessways	ST-064	Short, Med, and Long	$ 120,000	$ 120,000	Bike Paths/Trails (100%)	Y	None
Improve SW Hensley Road - N/S Leg	ST-012	Medium	$ 300,000	$ 300,000	Street Imp (50%) Street (50%)	Y	SD-S34, UG-XX
Signal at Buxton/Historic Columbia River Highway	ST-078	Medium	$ 250,000	$ 50,000	County (80%) Street Imp (20%)	Y	None
Reconstruct and Improve NW Dunbar Avenue	ST-045	Medium	$ 468,000	$ 468,000	Street Imp (50%), Street (50%)	Y	SD-N16
Pedestrian Bridge from CBD to URA	ST-085	Long	$ 3,074,000	$ 3,074,000	URA (100%)	N	None
Backage Road (Marine Drive Extension)	ST-077	Long	$ 9,737,000	$ 1,168,000	ODOT STIP (88%), Street Imp (12%)	Y	None
Update the Transportation System Plan	ST-086	Long	$ 100,000	$ 100,000	General Fund [Planning] (50%) Street Imp (50%)	N	None
Sidewalk Infill	ST-087	Ongoing	$ 75,000	$ 75,000	Bike Paths/Trails (50%), Street (50%)	N	None
ADA Infill/Upgrades on Public Streets	ST-088	Ongoing	$ 250,000	$ 250,000	Bike Paths/Trails (50%), Street (50%)	N	ST-083
		TOTALS	**$ 25,105,000**	**$ 9,990,000**			

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr

Cost Basis: 2016 Dollars

Water Improvements

1. **Project Name:** Reservoir Seismic Study

   Project Number: WA-044

   Timeframe: Short Term

   Estimated Cost: $ 86,000

   Funding Source: Water Fund (100%)

   Problem: The City's drinking water reservoirs were built prior to the implementation of current seismic standards and appear to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoirs should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.

   Proposed Solution: Conduct a study to determine the seismic performance of all four of the City's reservoirs under the MCE event scenario and to make specific retrofit recommendations for each reservoir to improve its ability to survive the MCE event without failure or loss of contents. This will inform and determine the specific scopes of work for WA-045 and WA-046.

   Identified By: *City of Troutdale Water Master Plan, 2012*

   In previous CIP? Yes

   Related Project(s): WA-045, WA-046

2. **Project Name:** Extend Water Line from Spectro (Commerce Court) to Galli Container Storage Property (formerly RMAC)

Project Number: WA-028

Timeframe: Short Term

Estimated Cost: $ 80,000

Funding Source: Water Improvement Fund (100%)

Problem: The water distribution system is not looped in this area.

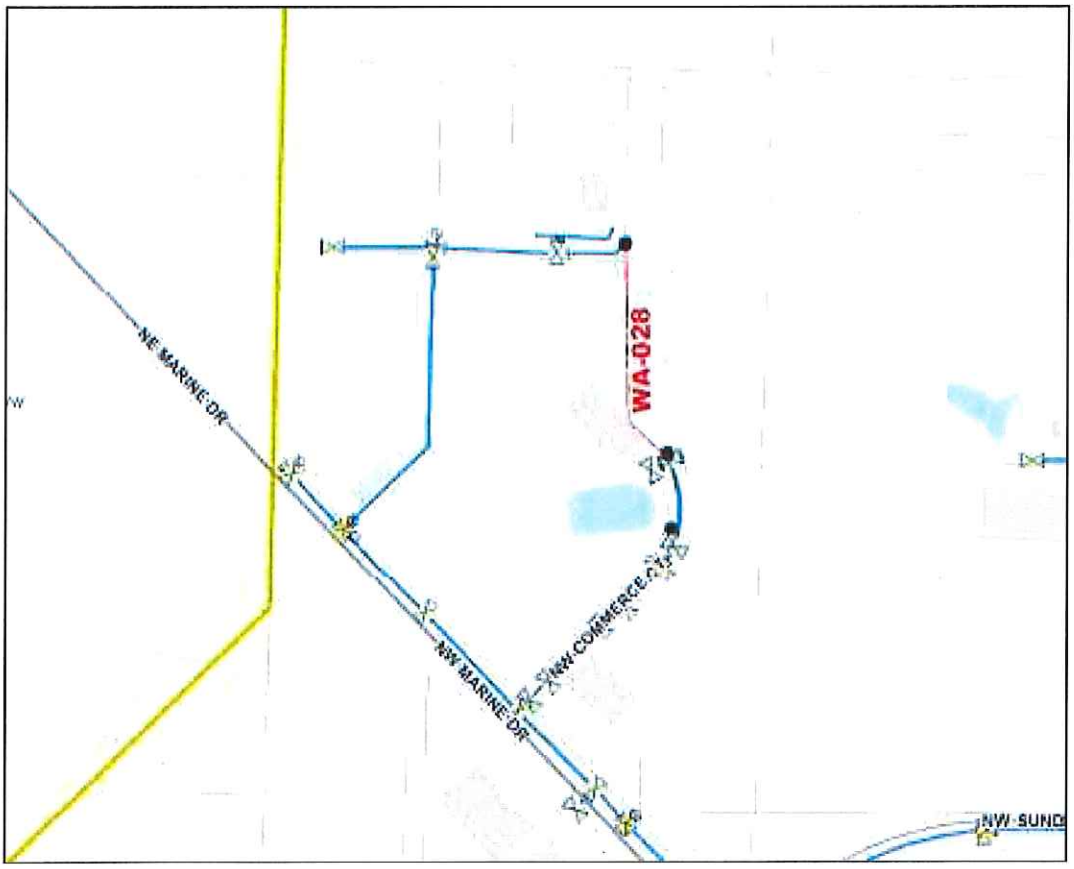
Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This increased capacity and reliability is needed to serve growth in the north industrial area.

Identified By: *City of Troutdale Water Master Plan, 2012,* Staff*

In previous CIP? Yes*

Related Project(s): WA-040

*This is a staff-developed variation on the project identified in the Master Plan and prior CIP



3. **Project Name:** Rogers Circle to Spectro (Commerce Court) Water Main Loop

Project Number: WA-040

Timeframe: Short Term

Estimated Cost: $ 97,000

Funding Source: Water Improvement Fund (50%), Water Fund (50%)

Problem: The water distribution system is not looped in this area.

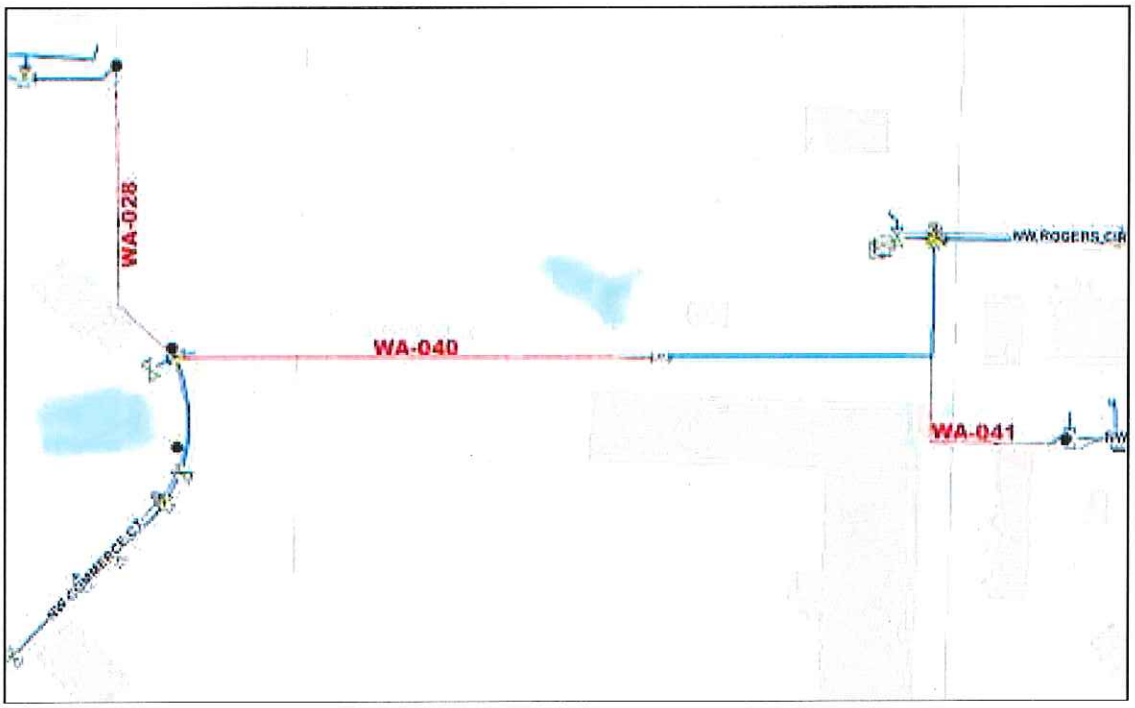
Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This increased capacity and reliability is needed to serve growth in the north industrial area.

Identified By: *City of Troutdale Water Master Plan, 2012*/Staff*

In previous CIP? Yes*

Related Project(s): WA-028

*This is a staff-developed variation on the project identified in the Master Plan and prior CIP



4. **Project Name:** Urban Renewal Area to Harlow Place Loop

Project Number: WA-042

Timeframe: Short Term

Estimated Cost: $ 155,000 (Total Cost) $ 15,500 (City Share)

Funding Source: Developer (90%), URA (10%)

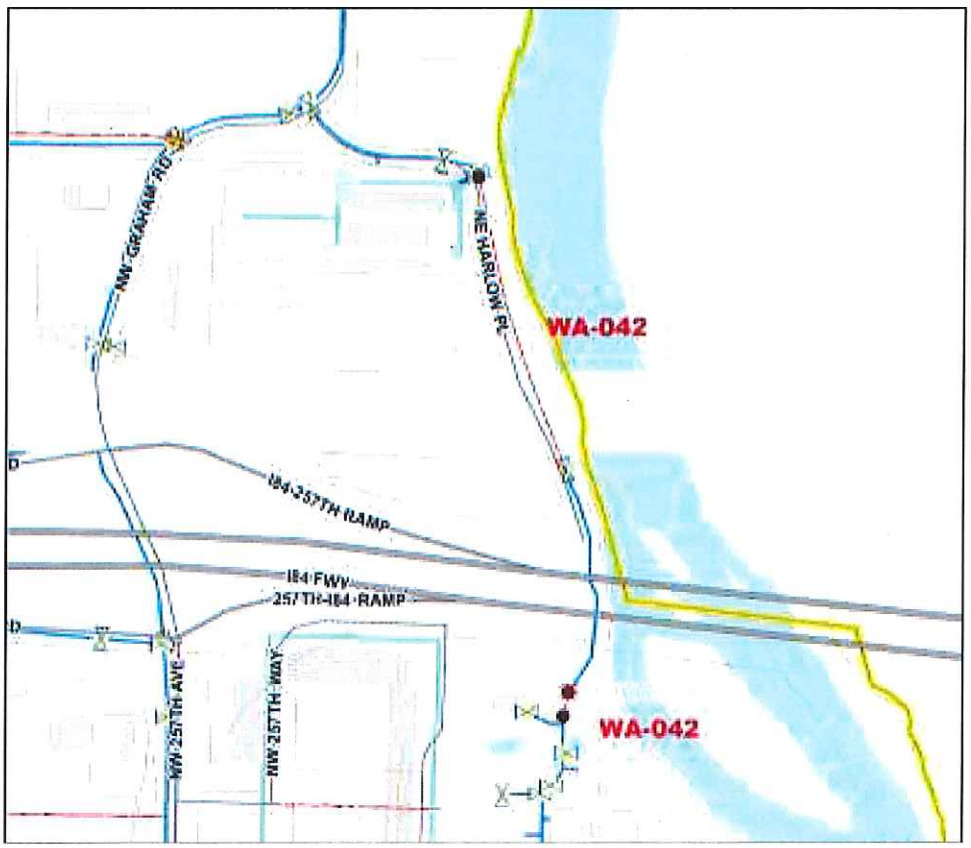
Problem: The water distribution system is not looped in this area.

Proposed Solution: Construct two water line segments to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This improvement is needed to serve growth in the URA and along Harlow Place. Additionally, this loop will increase capacity and reliability of fire flows to serve growth in the north industrial area. Include a PRV at the pressure zone boundary.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



5. **Project Name:** 7th Street – Kings Byway Water Main Upsizing

Project Number: WA-048

Timeframe: Short Term

Estimated Cost: $ 425,000

Funding Source: Water Fund (100%)

Problem: Modeled fire flows along Kings Byway are below current firefighting standards. Residents along these streets experience low pressures when the altitude valve at Reservoir #1 opens, due to the higher velocities developed in the existing small main.

Proposed Solution: Upsize the water main in 7th Street and Kings Byway from 6" to 8" diameter.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None

6. **Project Name:** Upgrade Booster Pump Station No. 2

Project Number: WA-047

Timeframe: Short Term

Estimated Cost: $ 50,000

Funding Source: Water Fund (100%)

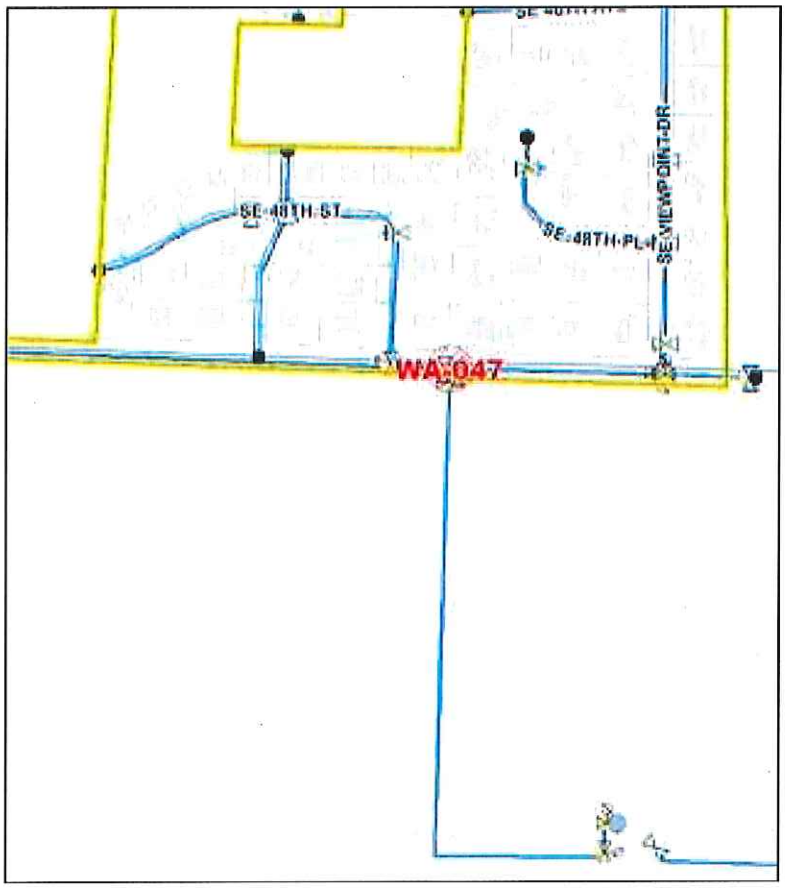
Problem: Booster pump station No. 2 boosts pressure and flow to the southernmost service area of the City (Zone 6). The current booster station is under capacity and, as a result, the service area experiences periods of low pressure and fire flows could be impaired.

Proposed Solution: Upgrade the booster pumping station to increase capacity, providing more reliable service pressures and fire flows.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



7. **Project Name:** SW Cherry Park Road to SW Spence Rd Loop

Project Number: WA-049

Timeframe: Medium Term

Estimated Cost: $ 65,000

Funding Source: Developers (100%)

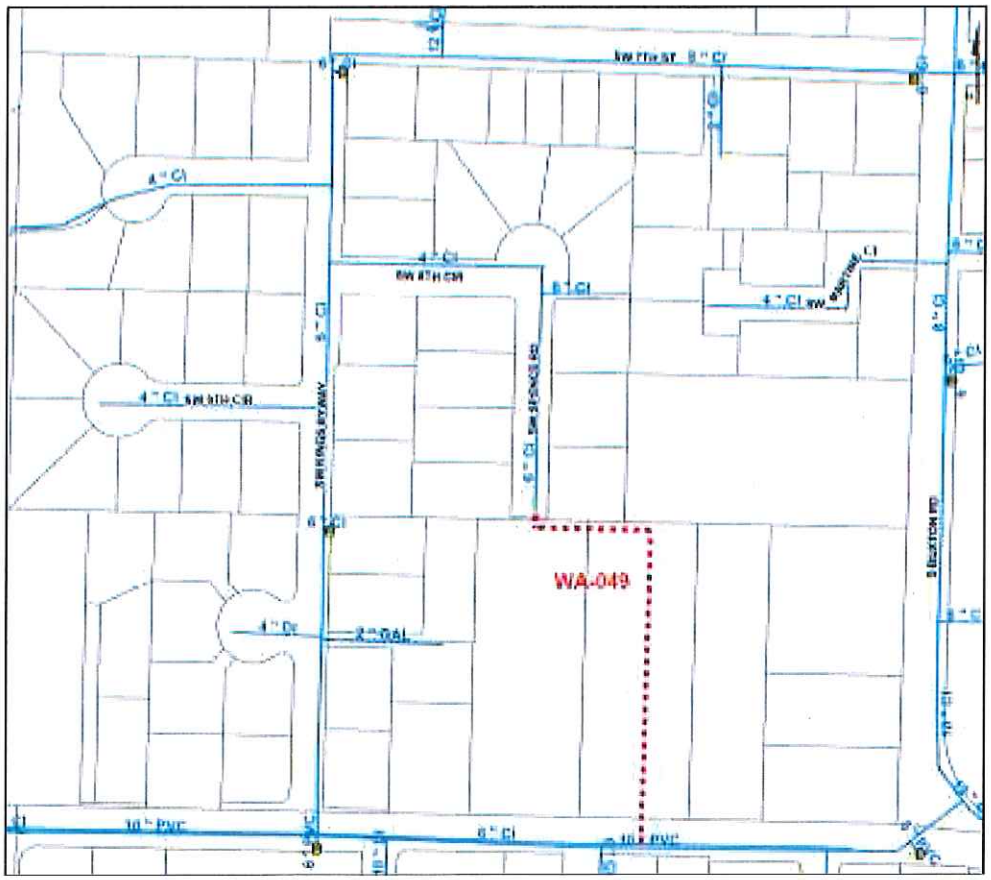
Problem: The water distribution system is not looped in this area. Modeled fire flows along Spence Rd are inadequate.

Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments. This loop will additionally benefit infill subdivision development of the adjacent properties on Cherry Park Road by providing a water main to serve those properties.

Identified By: Staff

In previous CIP? No

Related Project(s): None



8. **Project Name:** Construct a 1.0 MG Standpipe (Reservoir No. 5) with line to Zone 1

Project Number: WA-008

Timeframe: Medium Term

Estimated Cost: $ 2,257,000

Funding Source: Water Improvement Fund (100%)

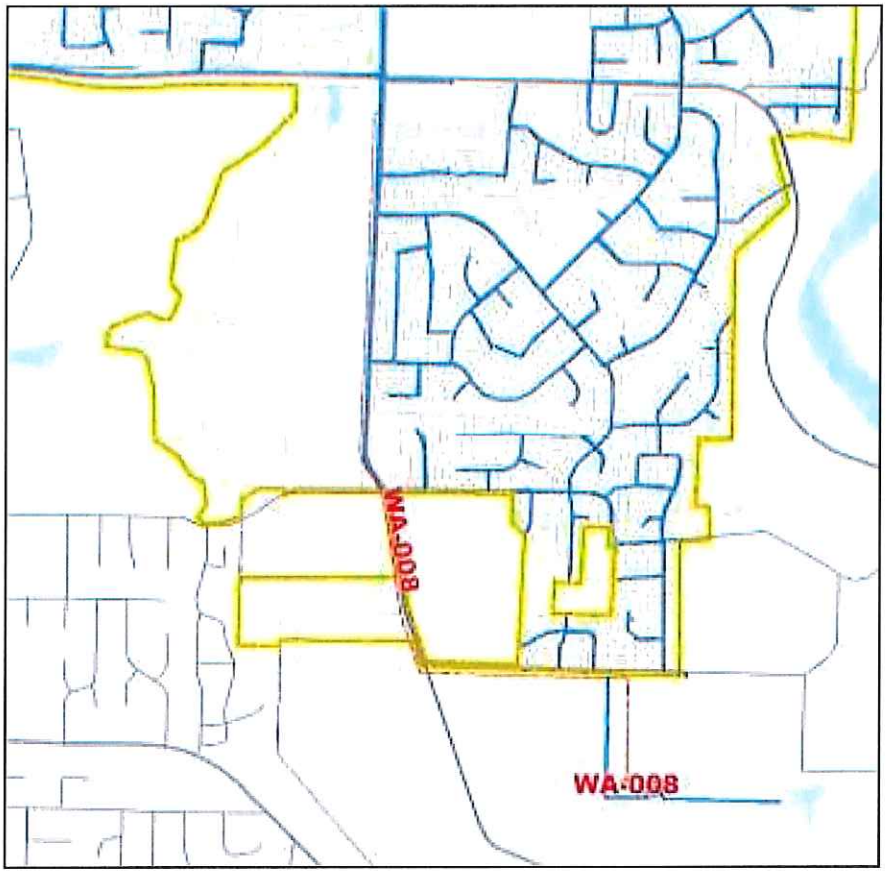
Problem: There is inadequate storage for Zones 1, 2, & 3. Zone 6 currently requires booster pumping to maintain adequate service pressures and flows.

Proposed Solution: Construct a 1.0 MG Standpipe to provide additional capacity for fire flow and periods that wells are inoperative or unable to meet demand, with a transmission line connecting to pressure Zone 1 at Stark Street. Interconnect current Zone 6 to incorporate Zone 6 into Zone 1.

Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



9. **Project Name:** Rogers Circle to Graham Circle Water Main Loop

Project Number: WA-041

Timeframe: Medium Term

Estimated Cost: $ 65,000

Funding Source: Water Fund (100%)

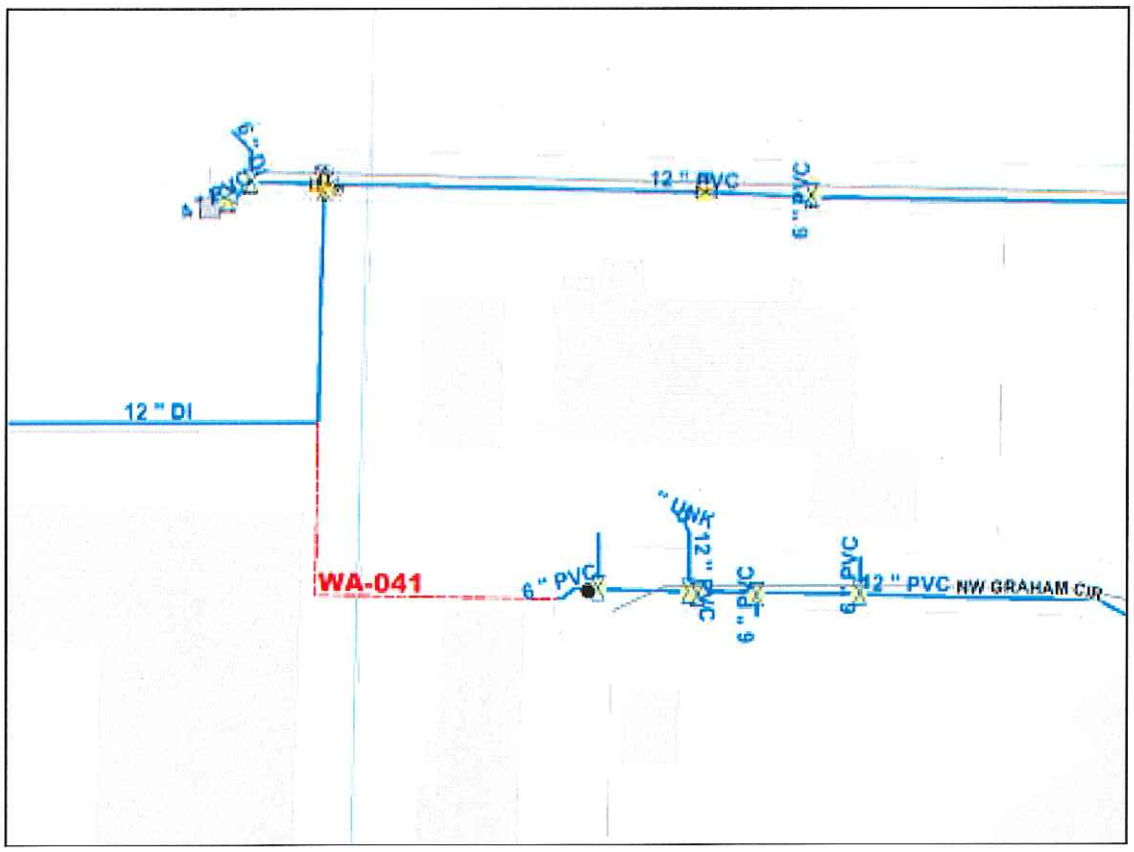
Problem: The water distribution system is not looped in this area.

Proposed Solution: Construct a water line to loop the system. Looping the distribution system in this area increases capacity and reliability by allowing flow from either direction, and improves water quality by eliminating dead ends in the system where water can become stale and accumulate sediments.

Identified By: Staff

In previous CIP? No

Related Project(s): None



10. **Project Name:** Well No. 9

Project Number: WA-043

Timeframe: Medium Term

Estimated Cost: $ 2,269,000

Funding Source: Water Improvement Fund (100%)

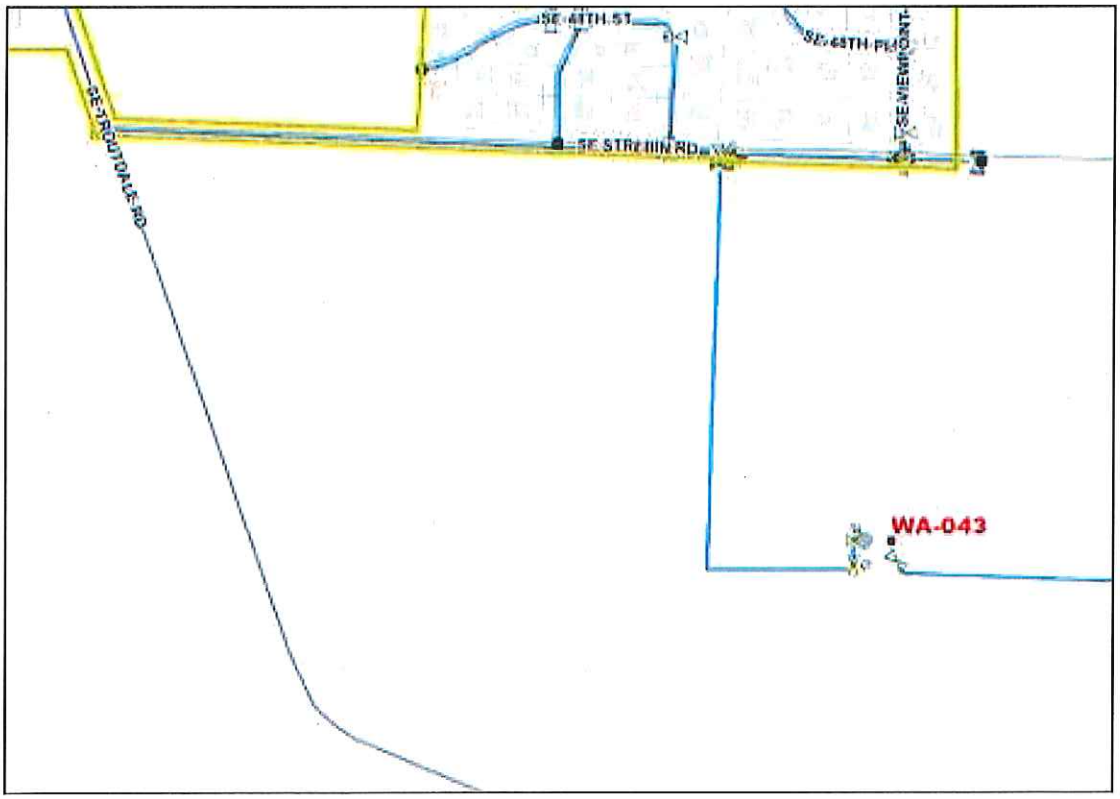
Problem: Firm production capacity of the City's well field will not meet future demands

Proposed Solution: Construct an additional well to provide additional firm production needed to meet future demand

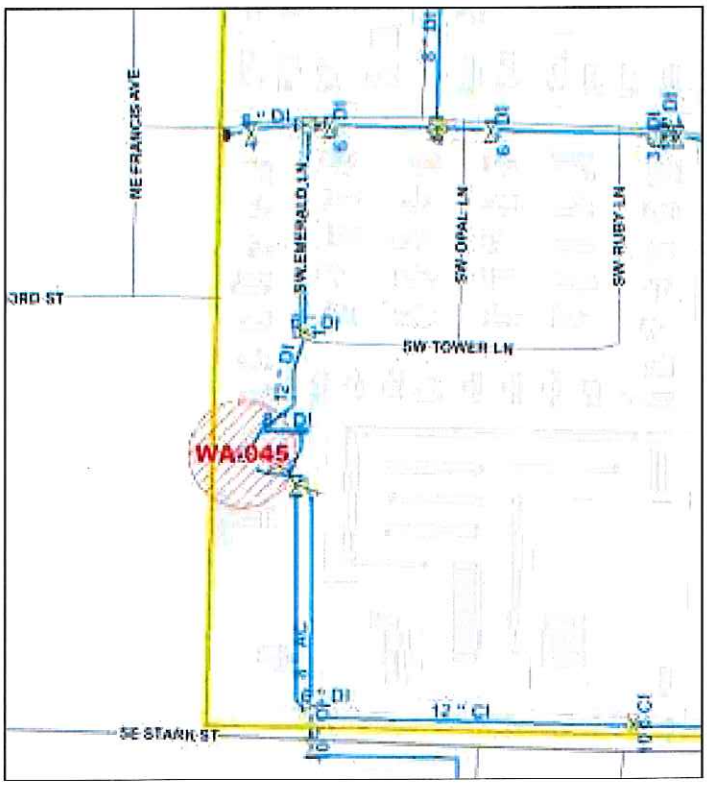
Identified By: *City of Troutdale Water Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



11.	**Project Name:**	Reservoir No. 2 Seismic Improvements
	Project Number:	WA-045
	Timeframe:	Long Term
	Estimated Cost:	$ 339,000
	Funding Source:	Water Fund (100%)
	Problem:	Reservoir 2 was built prior to the implementation of current seismic standards and appears to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoir 2 is the City's most important reservoir, and also the reservoir with the highest potential property damage consequence in a structural failure. Reservoir 2 should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.
	Proposed Solution:	Retrofit seismic upgrades to the reservoir in accordance with the recommendation of a reservoir seismic study.
	Identified By:	*City of Troutdale Water Master Plan, 2012*
	In previous CIP?	Yes
	Related Project(s):	WA-044



12.	**Project Name:**	Reservoir Nos. 1, 3 and 4 Seismic Improvements
	Project Number:	WA-046
	Timeframe:	Long Term
	Estimated Cost:	$ 402,000
	Funding Source:	Water Fund (100%)
	Problem:	Reservoirs 1, 3 and 4 were built prior to the implementation of current seismic standards and appear to be deficient with respect to modern seismic protections. Reservoirs are critical infrastructure to protect life and health during a disaster event. Additionally, reservoir failure in an earthquake could result in significant property damage. Reservoirs 1, 3 and 4 should be constructed and equipped to survive the Maximum Credible Earthquake (MCE) event to the maximum extent practicable based on current knowledge and standards.
	Proposed Solution:	Retrofit seismic upgrades to the reservoirs in accordance with the recommendation of a reservoir seismic study.
	Identified By:	*City of Troutdale Water Master Plan, 2012*
	In previous CIP?	Yes
	Related Project(s):	WA-044

13. **Project Name:** Update the Water Master Plan

Project Number: WA-038

Timeframe: Long Term

Estimated Cost: $ 100,000

Funding Source: Water Improvement Fund (50%), Water Fund (50%)

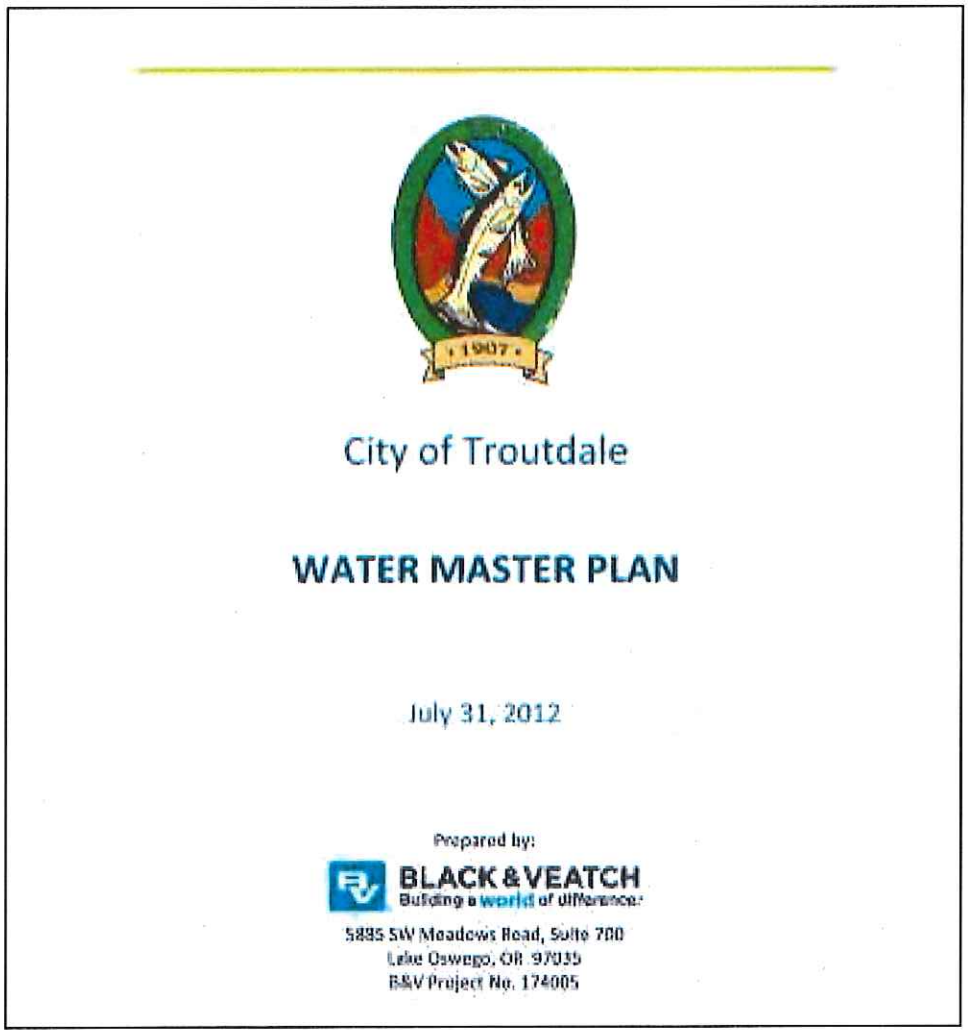
Problem: The current Water Master Plan was prepared in 2012 and will need updated.

Proposed Solution: Update the Waster Master Plan.

Identified By: Staff

In previous CIP? No

Related Project(s): None



CIP Summary Table

WATER						
Project Name	**Project #**	**Timeframe***	**Estimated Total Cost**	**Estimated City Cost**	**Funding Source(s)**	**In Previous CIP?**	**Related Projects**
Reservoir Seismic Study	WA-044	Short	$ 86,000	$ 86,000	Water (100%)	Y	WA-045, WA-046
Extend Waterline from Spectro to Galli	WA-028	Short	$ 80,000	$ 80,000	Water Imp (100%)	Y	WA-040
Rogers Circle to Spectro Water Main Loop	WA-040	Short	$ 97,000	$ 97,000	Water Imp (50%) Water (50%)	Y	WA-028
Urban Renewal Area to Harlow Place Loop	WA-042	Short	$ 155,000	$ 15,500	Developer (90%), URA (10%)	Y	None
7th Street - Kings Byway Water Main Upsizing	WA-048	Short	$ 425,000	$ 425,000	Water (100%)	Y	None
Upgrade Booster Pump Station No. 2	WA-047	Short	$ 50,000	$ 50,000	Water (100%)	Y	None
SW Cherry Park Road to SW Spence Rd Loop	WA-049	Short	$ 65,000	$ -	Developers (100%)	N	None
Reservoir 5 w/ line to Zone 1	WA-008	Medium	$ 2,257,000	$ 2,257,000	Water Imp (100%)	Y	None
Rogers Circle to Graham Circle Water Main Loop	WA-041	Medium	$ 65,000	$ 65,000	Water (100%)	N	None
Well No. 9	WA-043	Medium	$ 2,269,000	$ 2,269,000	Water Imp (100%)	Y	None
Reservoir No. 2 Seismic Improvements	WA-045	Long	$ 339,000	$ 339,000	Water (100%)	Y	WA-044
Reservoir Nos. 1, 3, and 4 Seismic Improvements	WA-046	Long	$ 402,000	$ 402,000	Water (100%)	Y	WA-044
Update the Water Master Plan	WA-038	Long	$ 100,000	$ 100,000	Water Imp (50%), Water (50%)	N	None
		TOTALS	**$ 6,390,000**	**$ 6,185,500**			

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr

Cost Basis: 2016 Dollars

Sanitary Sewer Improvements

1. **Project Name:** GO Bond Debt Service

   Project Number: NA

   Timeframe: Through FY 2017-18

   Estimated Cost: $ 11,389,291 (Remaining Balance: $ 3,555,000)

   Funding Source: Sanitary Sewer Improvement Fund (39%), Sewer Fund (28%) and Property Tax (33%).

   Problem: Although the new treatment facility constructed with these GO bonds provided for a 47% increase in capacity (from 1.6 mgd to 3.0 mgd), the City Council determined that only 39% of the debt service payments should be paid by the Sanitary Sewer Improvement Fund.

   Proposed Solution: Pay 39% of the debt service payment from the Sanitary Sewer Improvement Fund, plus an additional $1,128,400 originally intended to be paid from SDCs but actually paid from property taxes due to lack of SDC revenue.

   Identified By: Staff

   In Previous CIP? Yes

   Related Project(s): None

2. **Project Name:** Wastewater Operations Annex ("GSA Property") Improvements

Project Number: SA-063

Timeframe: Immediate

Estimated Cost: $ 35,000

Funding Source: Sewer Fund (100%)

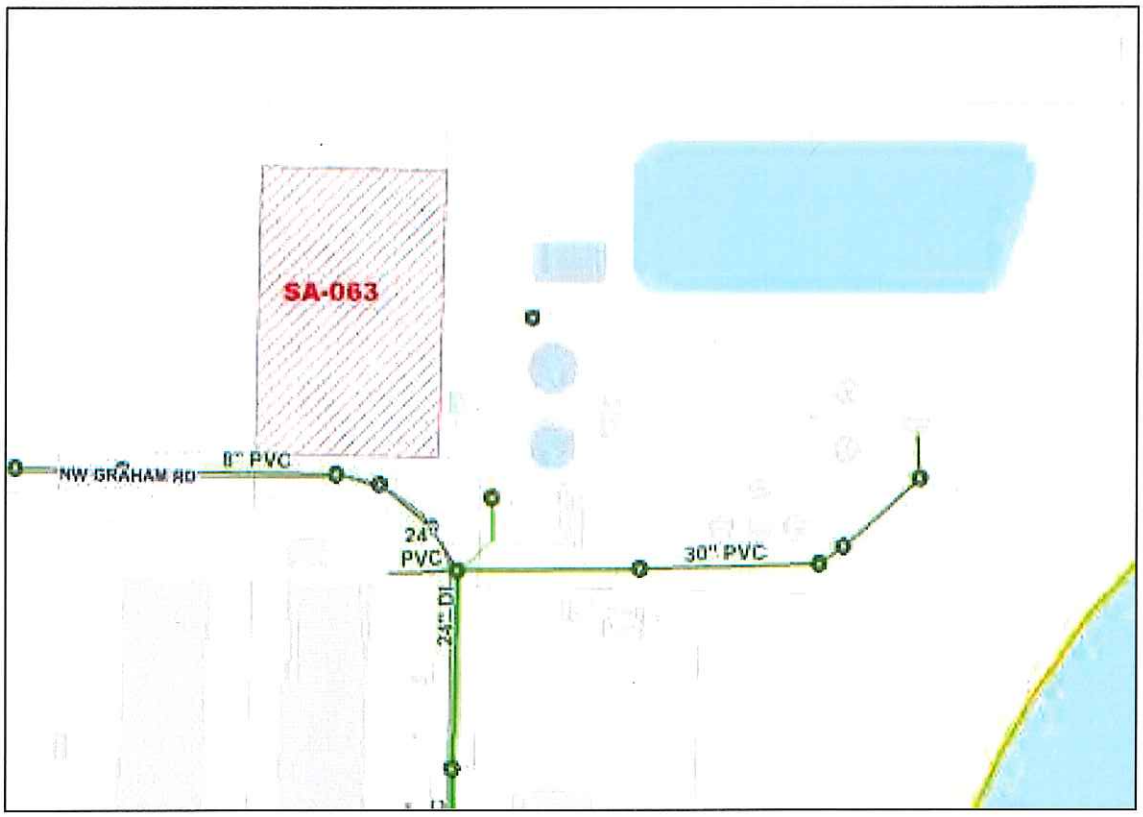
Problem: The City acquired this property adjacent to the WPCF through a grant from the Federal Government, for use in support of wastewater operations. The property lacks improvements to render it useable in its intended role. The Federal Government requires that the City improve and utilize the property or risk rescission of the grant.

Proposed Solution: Construct basic improvements on the property, including access and circulation roads and drainage facilities.

Identified By: Staff

In Previous CIP? No

Related Project(s): None



3. **Project Name:** Onsite Water Recycling System at the WPCF

Project Number: SA-064

Timeframe: Short Term

Estimated Cost: $150,000

Funding Source: Sewer Fund (100%)

Problem: The WPCF operations and irrigation is one of the largest consumers among the City's water customers, driving up the total water demand on the City's system and consuming water resources. This is also a significant expense for the City.

Proposed Solution: Install a water recycling system at the WPCF to recycle treated effluent for use onsite as process water and for irrigating the WPCF grounds.

Identified By: Staff

In Previous CIP? No

Related Project(s): None

4. **Project Name:** Upgrade Pump Station #2 (Husky Pump Station)

Project Number: SA-040

Timeframe: Short Term

Estimated Cost: $ 408,000

Funding Source: Sewer Fund (100%)

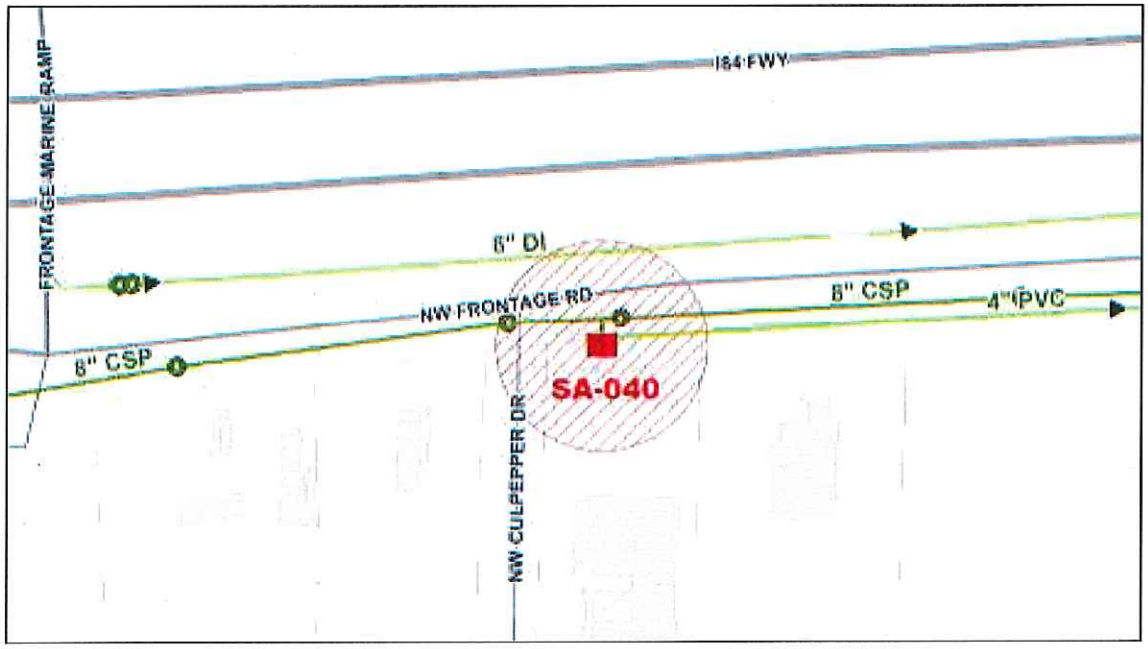
Problem: The pump station needs increased pump and motor capacity, increased wet well capacity, and enhanced motor controls.

Proposed Solution: Upgrade the capacity of the pump station by providing pump/motor, controls, and wet well improvements.

Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? Yes

Related Project(s): SA-062



5.	**Project Name:**	Pump Station Emergency Backup Power
	Project Number:	SA- 062
	Timeframe:	Short, Medium Term
	Estimated Cost:	$ 200,000
	Funding Source:	Sewer Fund (100%)
	Problem:	Several of the City's sanitary sewer pump stations lack onsite emergency power supply and rely on a very limited number of portable generators that must be deployed from the WPCF. In the event of a power outage, especially an outage affecting multiple pump stations, sanitary sewer overflows could occur.
	Proposed Solution:	Install onsite emergency backup power generators with automatic transfer switches at pump station #'s 2, 3, 4, 6, 7 and 8.
	Identified By:	Staff
	In Previous CIP?	No
	Related Project(s):	SA-040, SA-059

6. **Project Name:** Airport to Graham Road Sewer Main Upsizing

Project Number: SA-057

Timeframe: Medium Term

Estimated Cost: $ 714,000

Funding Source: Developer

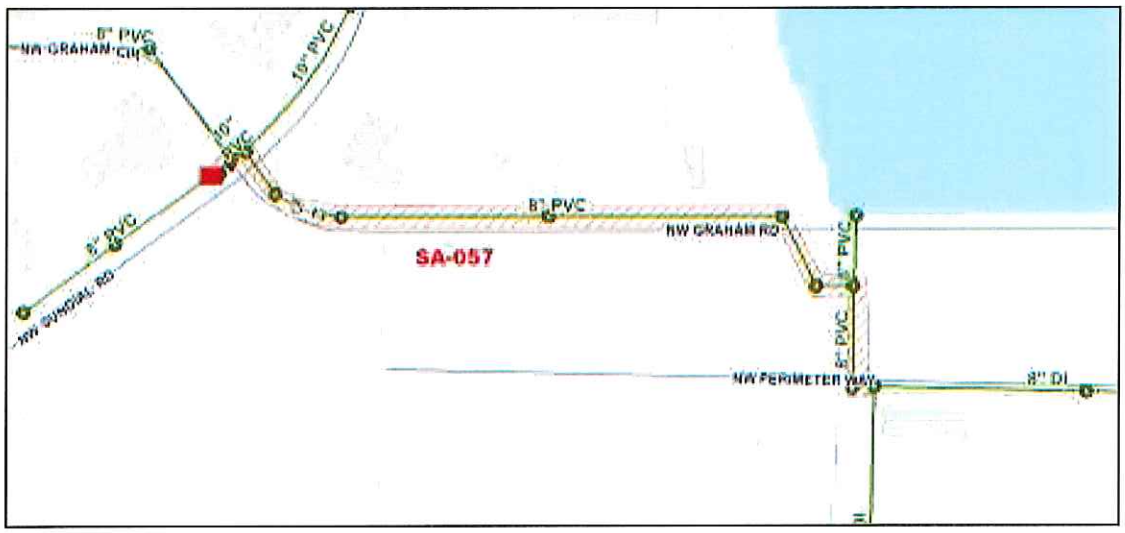
Problem: The existing segment of sewer main from the Sundial Road to the western end of Perimeter Way (via Graham Road) may be undersized with future flows, depending on intensity of industrial development

Proposed Solution: Upsize approximately 1,700 linear feet of the sewer main from 8" to 10"

Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? No

Related Project(s): None



7. **Project Name:** South Buxton Road Sewer Main Upsizing

Project Number: SA-055

Timeframe: Medium Term

Estimated Cost: $ 554,000

Funding Source: Sanitary Sewer Improvement Fund (38.4%), Sewer Fund (61.6%)

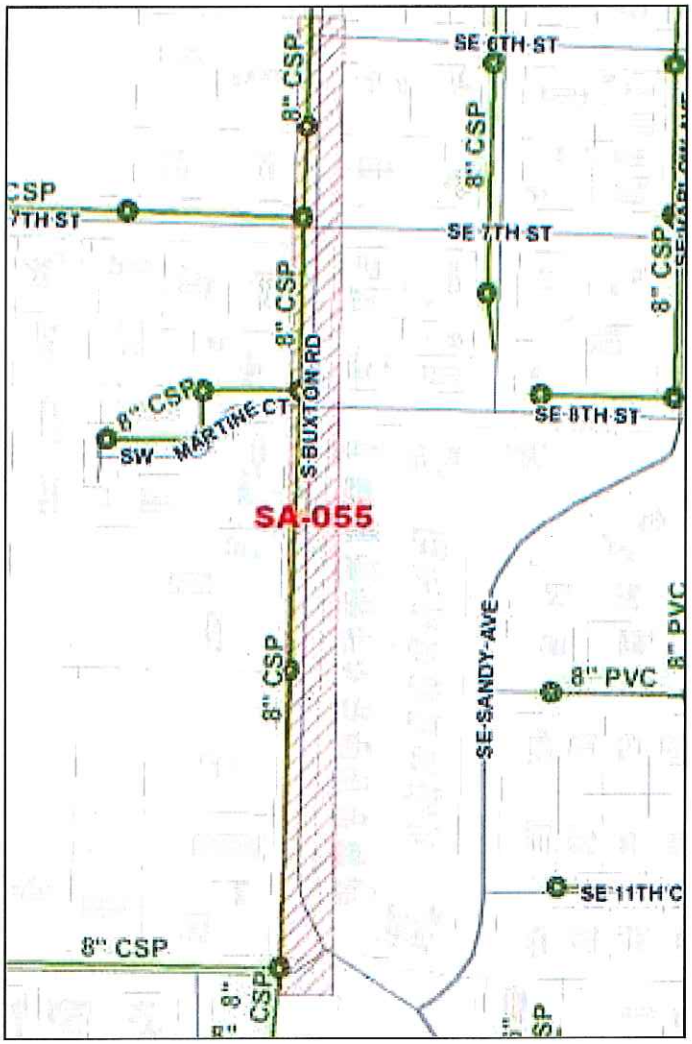
Problem: Existing sewer mains in the southern segment of S Buxton Road are projected to be under capacity with future growth

Proposed Solution: Upsize approximately 1200 linear feet of the sewer mains in S Buxton Road from 8" to 10"

Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? Yes

Related Project(s):



8. **Project Name:** Upgrade/Replace Pump Station #1, new force main

Project Number: SA-060

Timeframe: Medium Term

Estimated Cost: $ 2,973,000

Funding Source: Sewer Improvement Fund (100%)

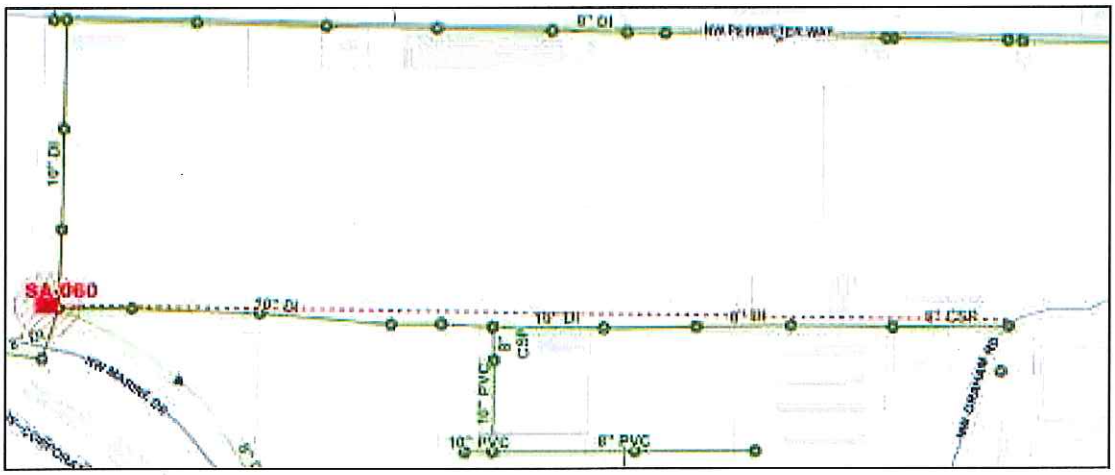
Problem: Future flows to this pump station/force-main will exceed its current capacity. The pump station configuration and equipment is aged and in need of upgrades, resulting in operational issues and poor efficiency relative to what can be provided with current technology. The alignment of the existing force main was based on the location of the old Wastewater Treatment Plant, resulting in flows from this pump station taking an unnecessarily circuitous route to the current WPCF location, which in turn puts unnecessary pressure on other force mains and pump stations along Frontage Road.

Proposed Solution: Upgrade or replace the existing pump station and construct a new 3,560 linear foot, 8" diameter force main directly east through the airport in an existing sanitary sewer easement to Graham Road.

Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? No

Related Project(s): None



9. **Project Name:** Upsize Pump Station #7 (Sundial Pump Station)

Project Number: SA-059

Timeframe: Medium Term

Estimated Cost: $ 160,000

Funding Source: Developer (100%)

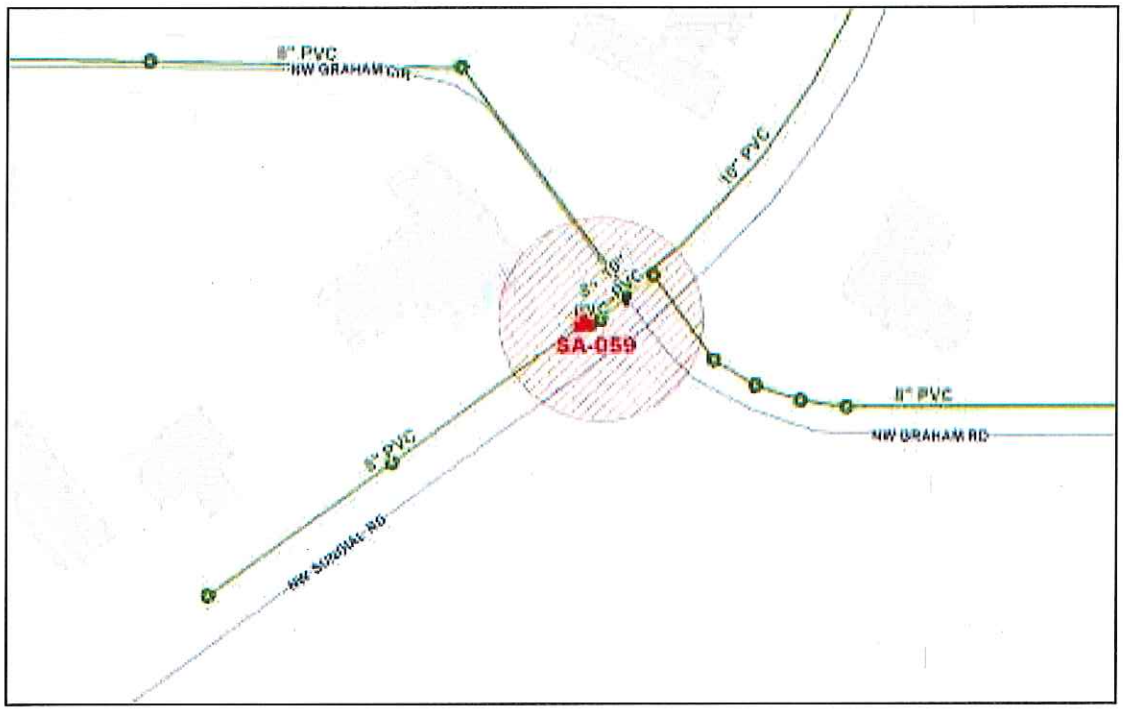
Problem: Future flows to PS #7 may exceed existing pumping capacity, depending on intensity of industrial development.

Proposed Solution: Install larger pumps.

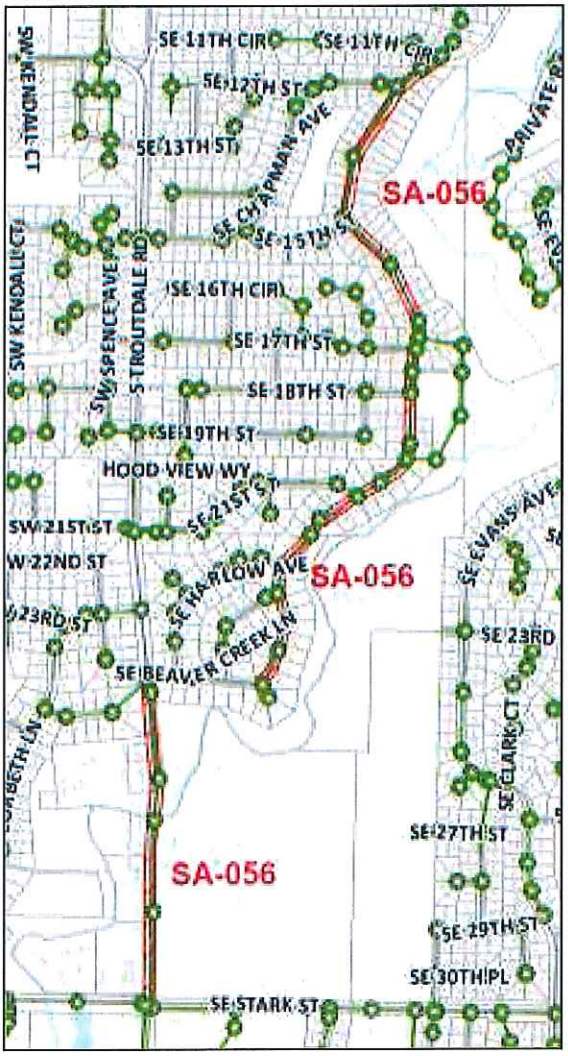
Identified By: *City of Troutdale Sanitary Sewer Master Plan, 2013*

In Previous CIP? No

Related Project(s): SA-062



10.	**Project Name:**	Lower Beaver Creek and Troutdale Rd Sewer Main Upsizing
	Project Number:	SA-056
	Timeframe:	Long Term
	Estimated Cost:	$ 3,776,000
	Funding Source:	Sewer Improvement Fund (38.4%), Sewer Fund (61.6%)
	Problem:	Existing sewer main in the southern segment of SE Beaver Creek Lane are projected to be under capacity with future growth.
	Proposed Solution:	Upsize the sewer main.
	Identified By:	*City of Troutdale Sanitary Sewer Master Plan, 2013*
	In Previous CIP?	No
	Related Project(s):	SA-055



11. **Project Name:** WPCF Upgrades

Project Number: SA- 061

Timeframe: Long Term

Estimated Cost: $ 750,000

Funding Source: Sewer Fund (100%)

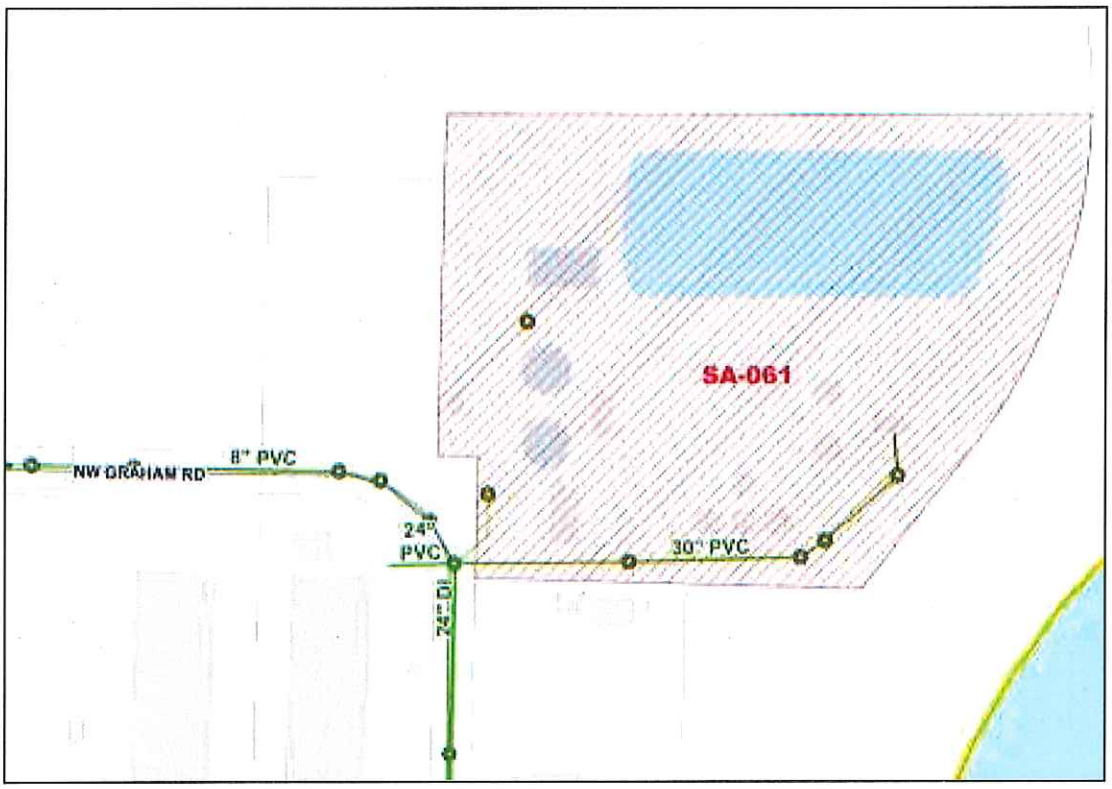
Problem: Changes in Federal and State NPDES regulations may result in more stringent limitations on Water Pollution Control Facility discharges that the City's WPCF cannot meet with its current treatment systems.

Proposed Solution: Construct additional and/or upgraded treatment systems at the WPCF.

Identified By: Staff

In Previous CIP? No

Related Project(s): None



12. **Project Name:** Update Sanitary Sewer Collection System Master Plan

Project Number: SA-053

Timeframe: Long Term

Estimated Cost: $ 100,000

Funding Source: Sanitary Sewer Improvement Fund (50%), Sewer Fund (50%)

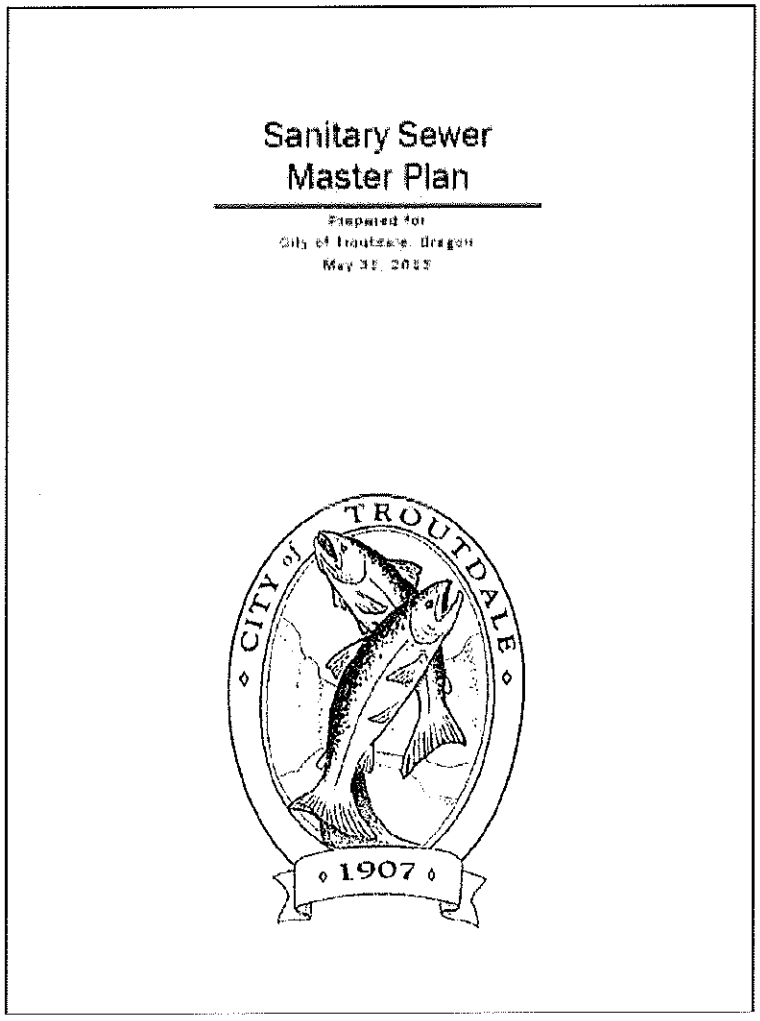
Problem: The current Sanitary Sewer Master Plan was prepared in 2013 and will need updated.

Proposed Solution: Update the Sanitary Sewer Master Plan.

Identified By: Staff

In Previous CIP? Yes

Related Project(s): None



CIP Summary Table

SANITARY SEWER

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
GO Bond Debt Service	NA	Thru FY2017-18	$ 3,555,000	$ 3,555,000	Sewer Imp (39%), Sewer (28%), ~~General~~ Property Tax (33%)	Y	None
Wastewater Operations ("GSA")Annex Improvements	SA-063	Immediate	$ 35,000	$ 35,000	Sewer (100%)	N	None
Onsite Water Recycling System at WPCF	SA-064	Short	$ 150,000	$ 150,000	Sewer (100%)	N	None
Upgrade Pump Station #2 (Husky PS)	SA-040	Short	$ 408,000	$ 408,000	Sewer (100%)	Y	SA-062
Pump Station Emergency Backup Power	SA-062	Short, Medium	$ 200,000	$ 200,000	Sewer (100%)	N	SA-040, SA-059
Airport to Graham Road Sewer Main Upsizing	SA-057	Medium	$ 714,000	$ -	Developer (100%)	N	None
South Buxton Road Sewer Main Upsizing	SA-055	Medium	$ 554,000	$ 554,000	Sewer Imp (38.4%), Sewer (61.6%)	N	None
Upgrade/Replace PS-1 and new force main	SA-060	Medium	$ 2,973,000	$ 2,973,000	Sewer Imp (100%)	N	None
Upsize Pump Station #7 (Sundial PS)	SA-059	Medium	$ 160,000	$ -	Developer (100%)	N	SA-062
Lower Beaver Creek and Troutdale Rd Sewer Main Upsizing	SA-056	Long	$ 3,776,000	$ 3,776,000	Sewer Imp (38.4%), Sewer (61.6%)	N	None
WPCF Upgrades	SA-061	Long	$ 750,000	$ 750,000	Sewer (100%)	N	None
Update the Sanitary Sewer Master Plan	SA-053	Long	$ 100,000	$ 100,000	Sewer Imp (50%), Sewer (50%)	Y	None
		TOTALS	**$ 13,375,000**	**$ 12,501,000**			

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr

Cost Basis: 2016 Dollars

Storm Sewer Improvements

1. **Project Name:** Graham Road Storm Drainage

   Project Number: SD-N20

   Timeframe: Immediate (in progress)

   Estimated Cost: $ 1,800,000 (Total Cost) $ 550,000 (City Share)

   Funding Source: Port of Portland ($ 1,250,000)
   Storm Sewer Improvement Fund ($ 550,000)

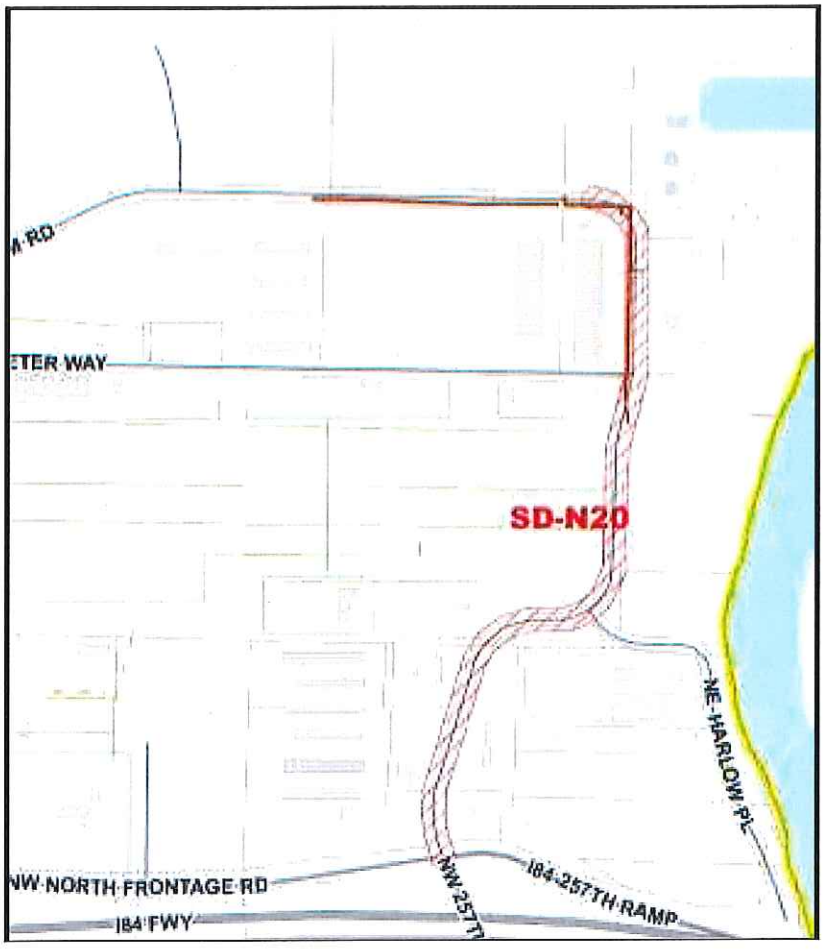
   Problem: There is no developed storm drainage system along NW Graham Road.

   Proposed Solution: Construct a storm drainage system on NW Graham Road.

   Identified By: Staff

   In previous CIP? Yes

   Related Project(s): ST-080



2. **Project Name:** Salmon Creek Weir Improvements

Project Number: SD-N21

Timeframe: Immediate (in progress)

Estimated Cost: $ 150,000 (City Share)

Funding Source: SDIC, Port of Portland
Storm Sewer Improvement Fund ($ 150,000)

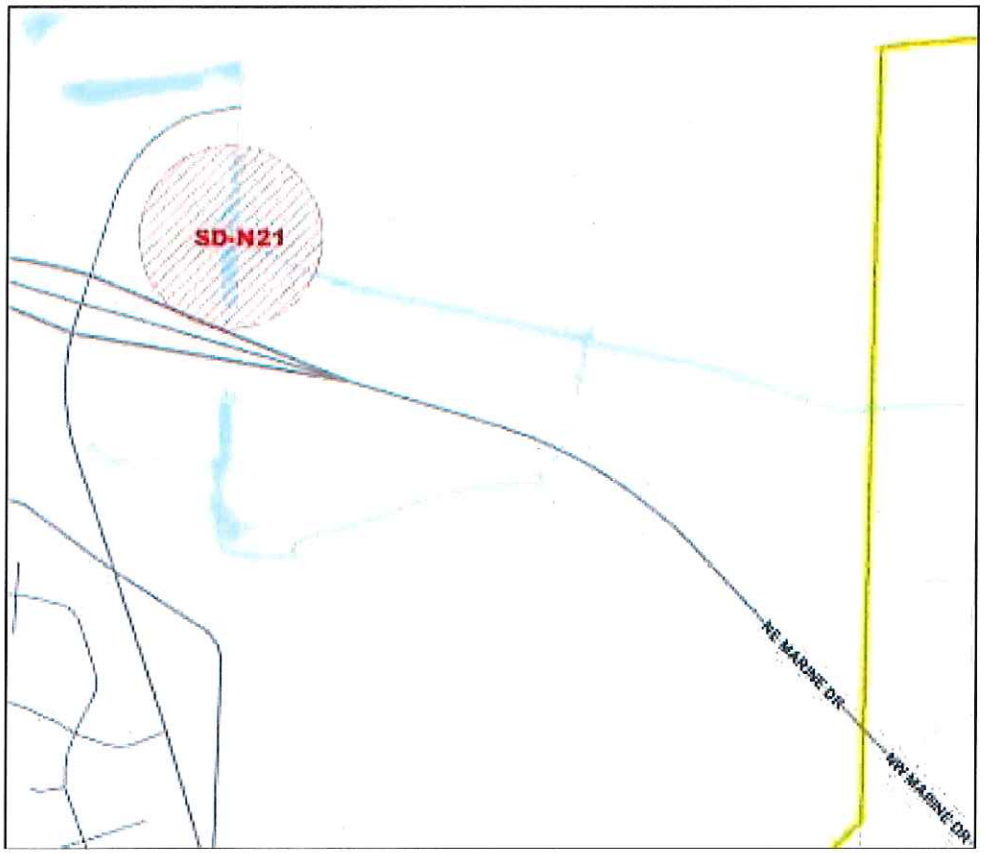
Problem: There are potential stormwater capacity problems along Salmon Creek.

Proposed Solution: Relocate and increase the crest length of the existing relief weir located along Salmon Creek and the width of the channel which receives water from the weir. The suggested weir length and the channel width are 50 feet.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

In previous CIP? Yes

Related Project(s): None



3. **Project Name:** Beaver Creek Culverts

Project Number: SD-S27

Timeframe: Immediate (in-progress)

Estimated Cost: $ 1,608,000 (Total Cost) $ 100,000 (City share)

Funding Source: County/STIP ($ 1,508,000)
Storm Sewer Improvement Fund ($ 100,000)

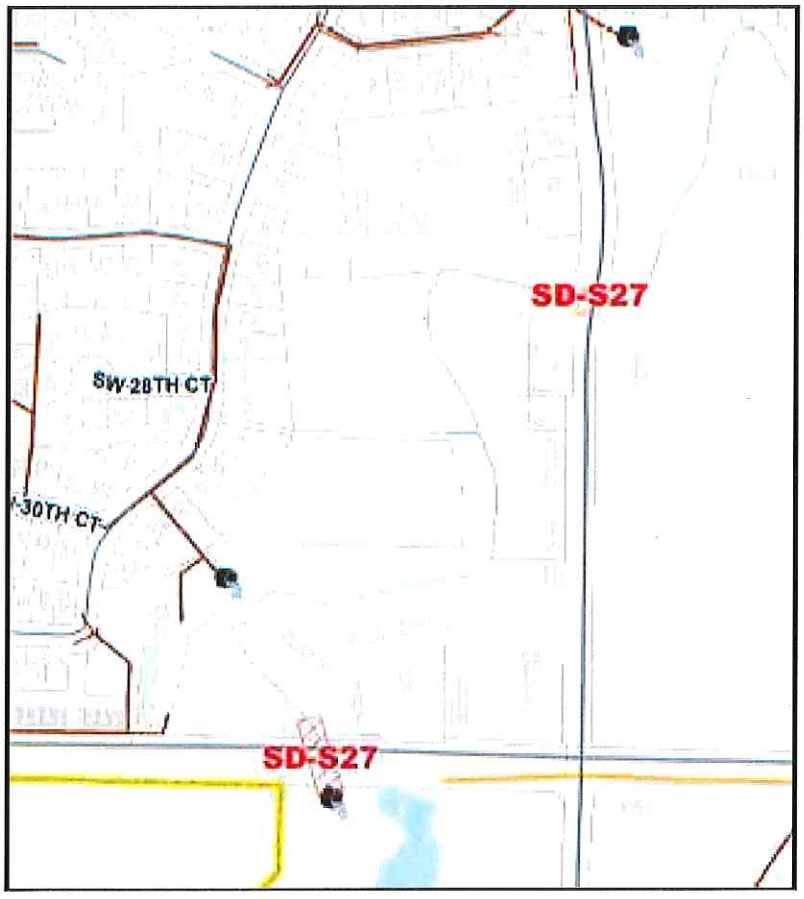
Problem: The Stark Street culvert must be upsized for capacity, upgraded for fish passage and lengthened to accommodate improvements to SE Stark Street. The Troutdale Road culvert requires upgraded fish passage.

Proposed Solution: Replace the existing Stark Street culvert with a larger, longer culvert or bridge, with fish passage. Retrofit the Troutdale Road culvert with an upgraded fish passage structure.

Identified By: STIP, Multnomah County

In previous CIP? Yes

Related Project(s): ST-007



4. **Project Name:** Rehabilitate and Upgrade North Evans Outfall

Project Number: SD-S28

Timeframe: Immediate

Estimated Cost: $ 145,000

Funding Source: Storm Sewer Utility Fund (100%)

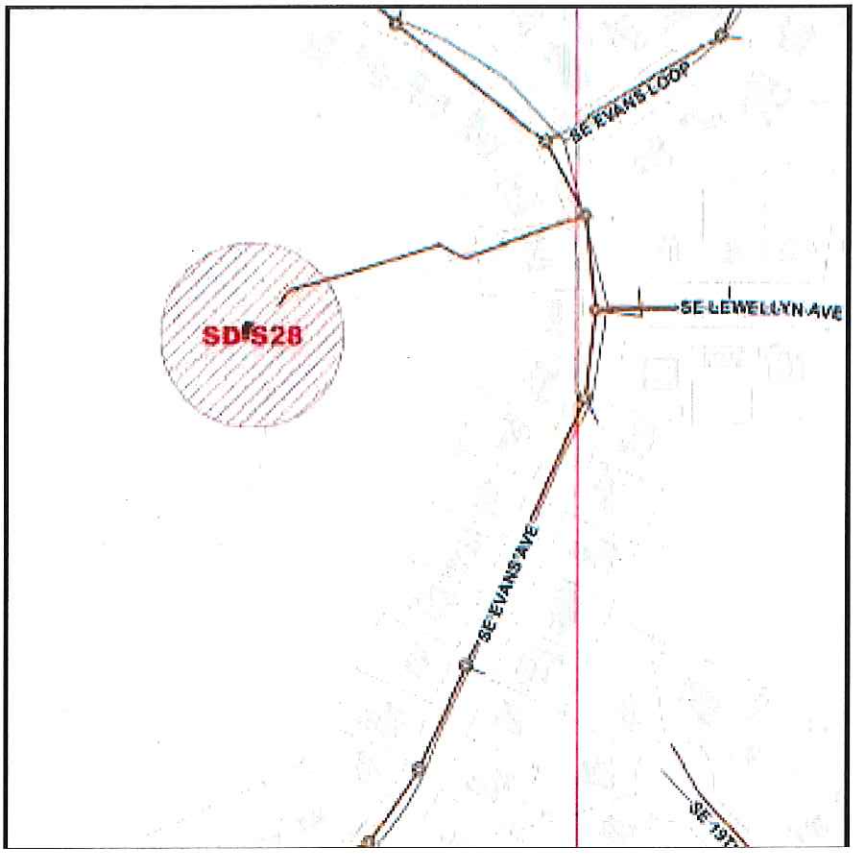
Problem: The North Evans outfall bubbler structure is severely undermined and unstable, and its rip-rap toe protection has unraveled and is sloughing away. The outfall structure's foundation is in imminent danger of failure, resulting in loss of the outfall structure and damage to Beaver Creek.

Proposed Solution: Rehabilitate and upgrade the outfall by constructing an upgraded foundation for the bubbler, resetting the bubbler, replacing the rip-rap toe protection and adding tie-backs to the slope with soil nails and cabling.

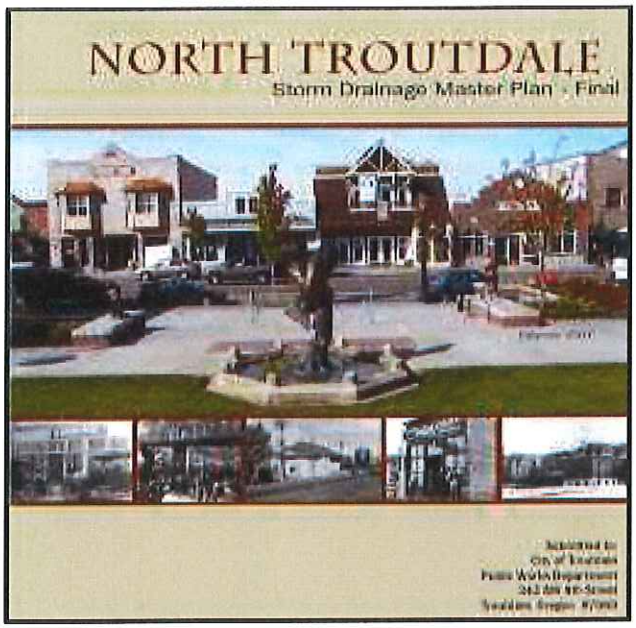
Identified By: Staff

In previous CIP? Yes

Related Project(s): None



5.	**Project Name:**	Update the North Troutdale Storm Drainage Master Plan
	Project Number:	SD-N29
	Timeframe:	Immediate
	Estimated Cost:	$ 100,000 (Total Cost) City Share ($50,000)
	Funding Source: (25%)	Storm Sewer Improvement Fund (25%), Storm Sewer Utility Fund SDIC (50%)
	Problem:	The current North Troutdale Storm Drainage Master Plan was prepared in 2006 and 2007. Shortly after that, the Port began designing and developing the Troutdale Reynolds Industrial Park, encompassing a large portion of the study area. Concurrently, Multnomah County Drainage District conducted a complete revised modeling of their service area. More recently, the owner of the Edgefield North property has conducted detailed site specific stormwater modeling and design work for that property, which may affect the need for downstream improvements. Considering all of this, it is prudent to update the North Troutdale Master Plan to incorporate the known changes within the study area and the additional information now available. This update may reveal that some currently planned projects are no longer needed, or that other, previously unidentified, projects should be added.
	Proposed Solution:	Update North Troutdale Storm Drainage Master Plan
	Identified By:	Staff
	In previous CIP?	No
	Related Project(s):	All SD-N


NORTH TROUTDALE
Storm Drainage Master Plan - Final

6. **Project Name:** SW 14th Street Drainage Improvement

Project Number: SD-S35

Timeframe: Immediate

Estimated Cost: $ 15,000

Funding Source: Storm Sewer Utility Fund (100%)

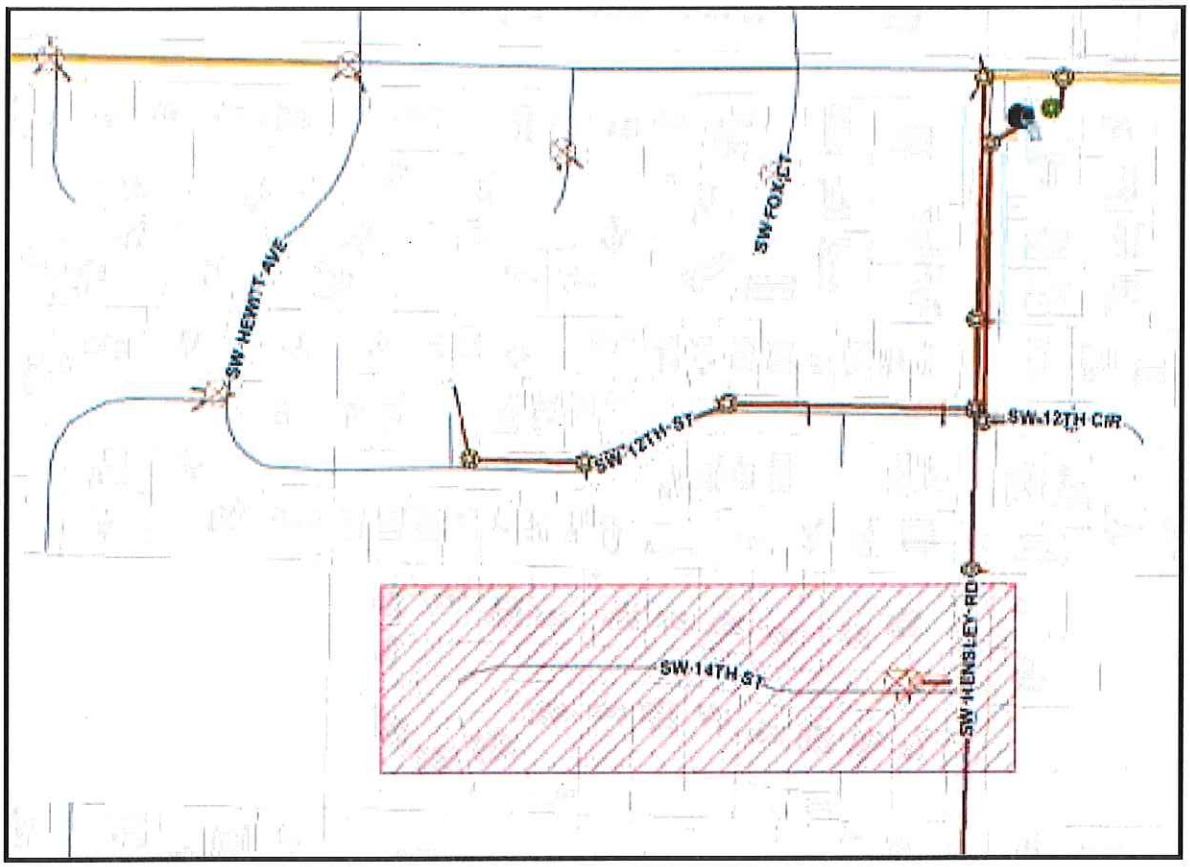
Problem: Recurring flooding on SW 14th Street due to insufficient disposal capacity.

Proposed Solution: Add capacity to existing drywell system or install an overflow connection to storm main in Hensley.

Identified By: Staff

In previous CIP? No

Related Project(s): None



7. **Project Name:** Columbia River Highway Bypass

Project Number: SD-N25

Timeframe: Short Term

Estimated Cost: $ 466,000

Funding Source: Storm Sewer Improvement Fund (100%)

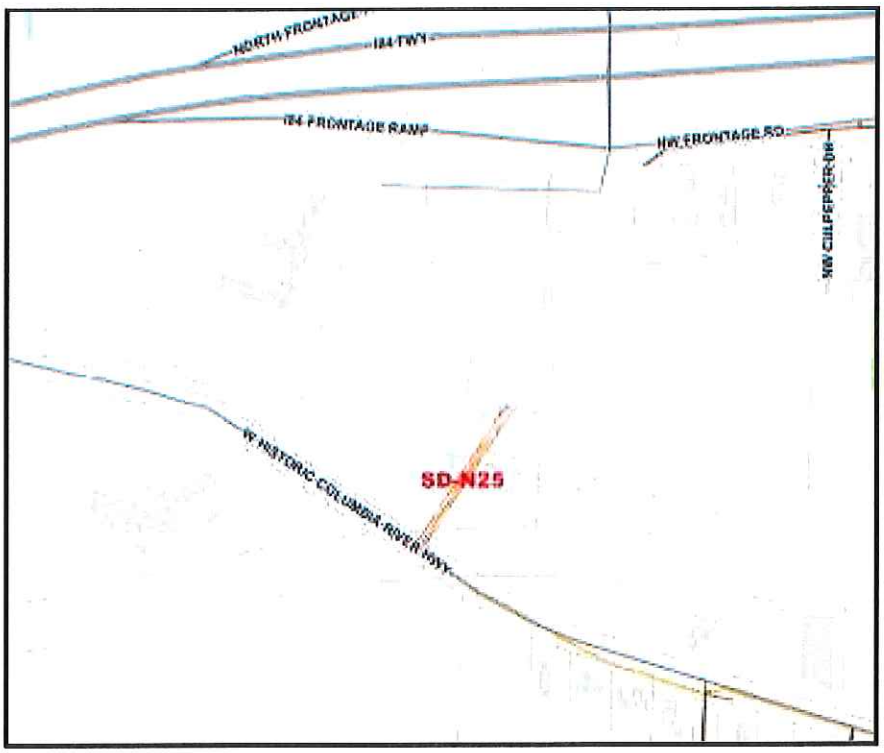
Problem: The existing 24-inch drain line located in the Columbia River Highway's railroad underpass does not provide sufficient conveyance capacity for future flows.

Proposed Solution: Install a bypass where future flows leave the drainage area north of Halsey and cross Columbia River Highway. The bypass will consist of 5 elements: 50 feet of 24-inch trenched culvert under Columbia River Highway, 160 feet of 24-inch drain line, 40 feet of 24-inch culvert under a railroad embankment, another 40 feet of 36-inch drain line, and 80 feet of 36-inch culvert under a second railroad embankment.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

In previous CIP? Yes

Related Project(s): SD-N29



8. **Project Name:** North Arata Creek Drain Line Improvement

Project Number: SD-N23

Timeframe: Short Term

Estimated Cost: $ 760,000

Funding Source: Storm Sewer Improvement Fund (100%)

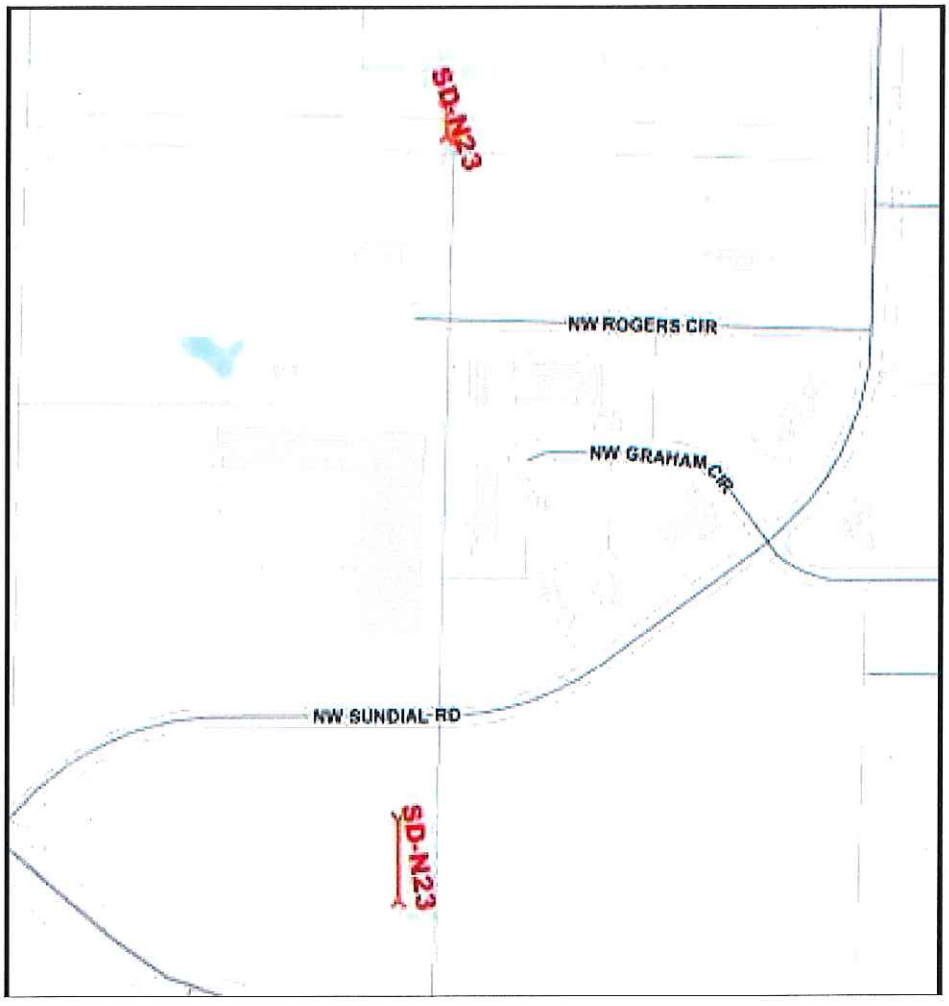
Problem: There are potential stormwater capacity problems along Arata Creek south of Marine Drive with increasing flows from urbanization.

Proposed Solution: Install 160 feet of 48-inch culvert under the railroad immediately upstream of the outlet to Salmon Creek and 520 feet of 48-inch drain line directly west of the airport runway and parallel to the existing drain lines.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

In previous CIP? Yes

Related Project(s): SD-N29



9. **Project Name:** South Arata Creek Culvert Improvement

Project Number: SD-N24

Timeframe: Short Term

Estimated Cost: $ 678,000

Funding Source: Storm Sewer Improvement Fund (100%)

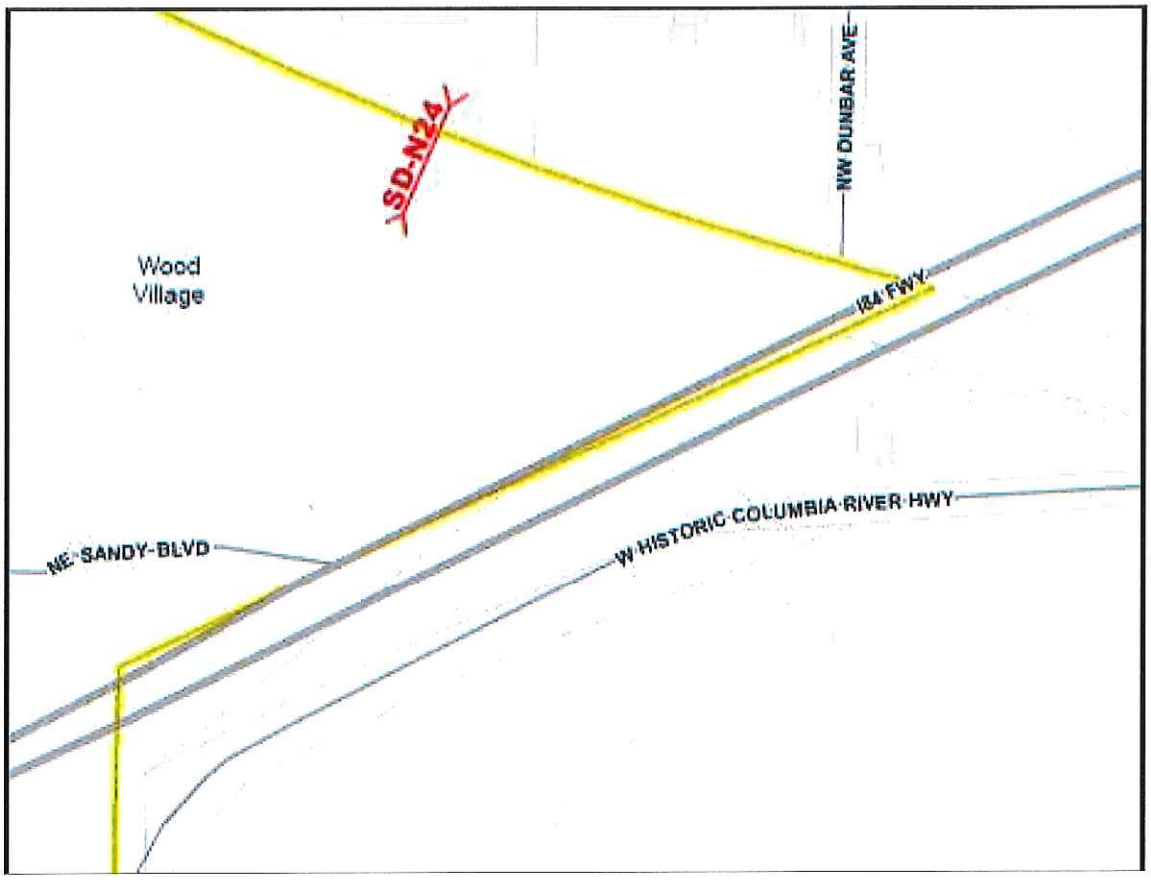
Problem: The existing railroad culvert needs to be augmented with an additional culvert to prevent localized flooding in the area immediately upstream of the railroad embankment.

Proposed Solution: Install an additional 470 feet of 36-inch culvert where Arata Creek crosses the railroad embankment north of Interstate 84 and additional piping under the paved area directly north of the embankment.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

In previous CIP? Yes

Related Project(s): SD-N29



10. Project Name: Sandee Palisades Detention Pond Retrofit

Project Number: SD-S31

Timeframe: Short Term

Estimated Cost: $ 170,000

Funding Source: Storm Sewer Utility Fund (100%)

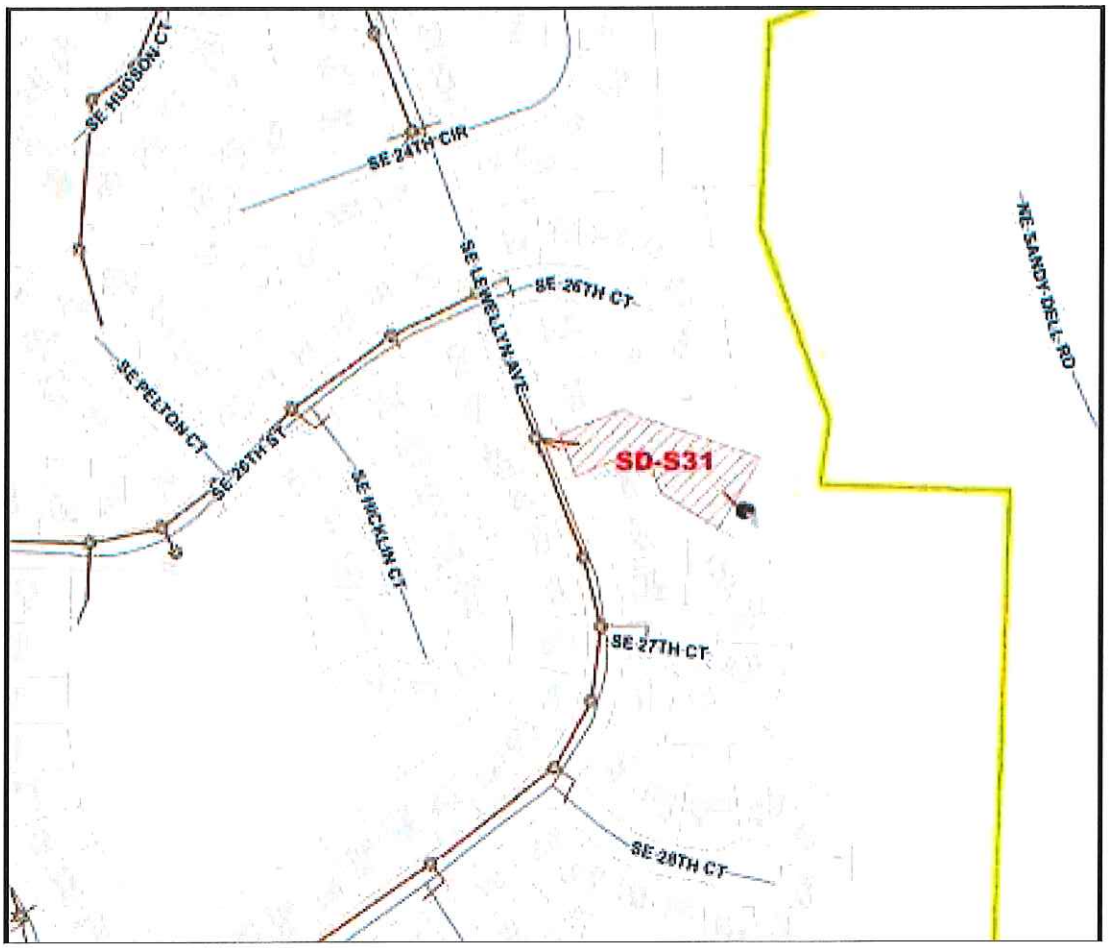
Problem: There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.

Proposed Solution: Retrofit the existing detention pond to add stormwater quality treatment capability

Identified By: *South Troutdale Storm Drainage Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



11. Project Name: Marine Drive Culvert Bypass

Project Number: SD-N26

Timeframe: Medium Term

Estimated Cost: $ 635,000

Funding Source: Storm Sewer Improvement Fund (100%)

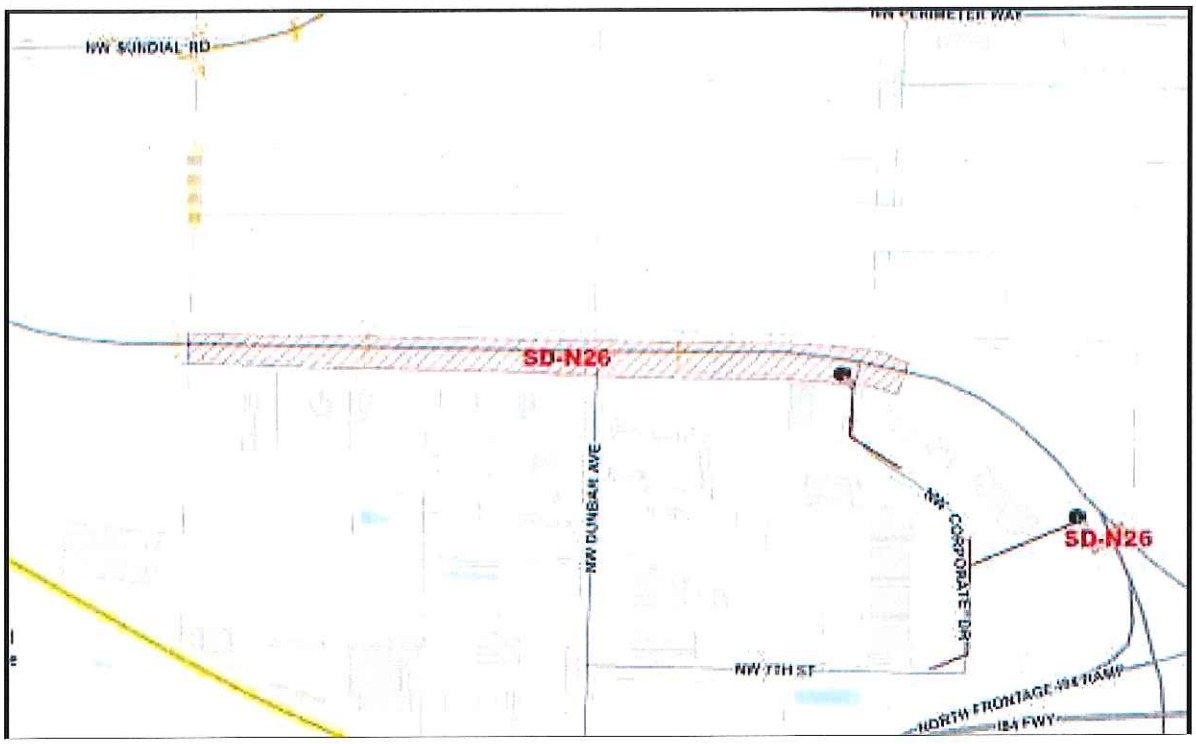
Problem: There is a potential for flooding northeast of the Marine Drive curve.

Proposed Solution: Provide a cross connection between the two south-to-north drainage systems to help balance flows by providing 2100 feet of 36-inch drain line north of and parallel to Marine Drive and an additional 150 feet of 36-inch culvert crossing Marine Drive east of the I-84 Corporate Center.

Identified By: *North Troutdale Storm Drainage Master Plan, 2007*

In previous CIP? Yes

Related Project(s): SD-N29



12. Project Name: NW Dunbar Avenue Storm Line

Project Number: SD-N16

Timeframe: Medium Term

Estimated Cost: $ 361,000

Funding Source: Storm Sewer Improvement Fund (100%)

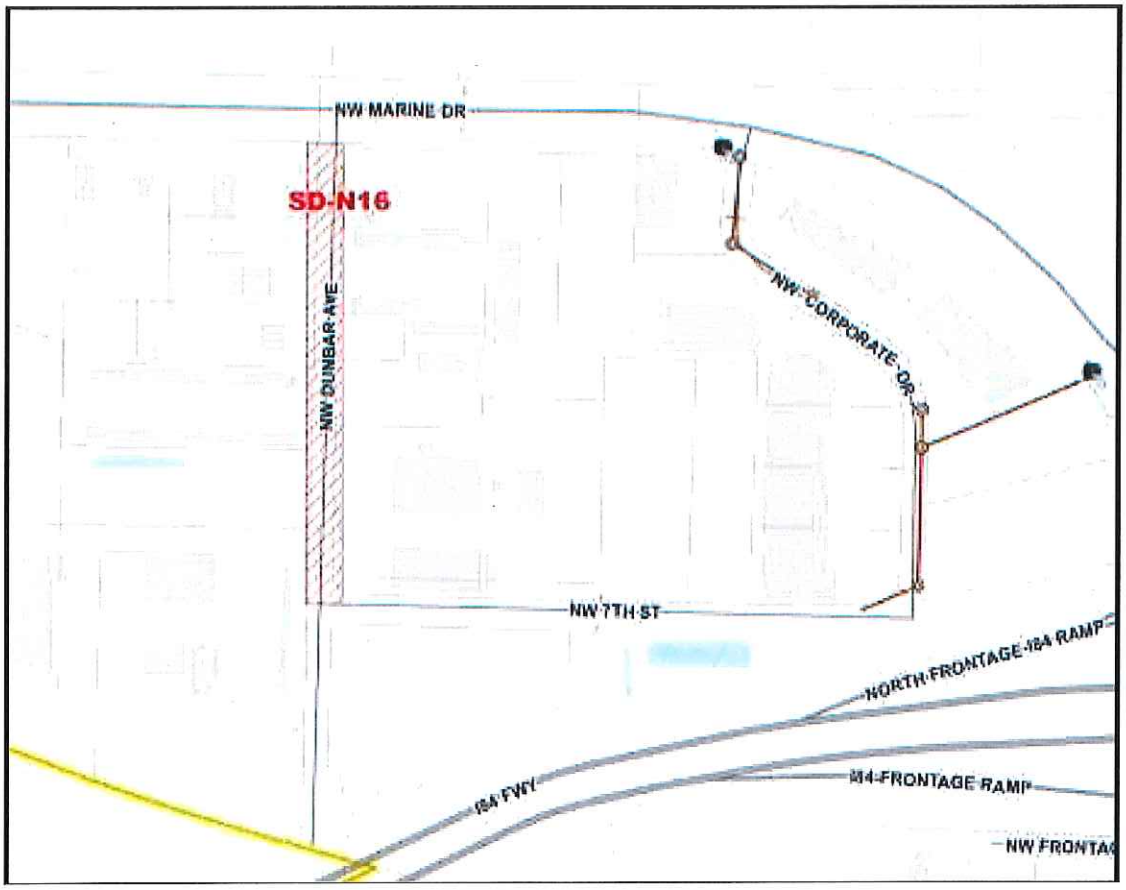
Problem: When NW Dunbar Avenue is improved, a new stormwater collection and conveyance system will be required. Properties along Dunbar currently have limited options for storm drainage and some of these commercial/industrial properties experience localized onsite flooding during heavy rain events.

Proposed Solution: Construct a new stormwater collection and conveyance system for NW Dunbar Avenue.

Identified By: Staff

In previous CIP? Yes

Related Project(s): ST-045



13. Project Name: SE 3rd Street and SE Dora Main Upsizing

Project Number: SD-S29

Timeframe: Medium Term

Estimated Cost: $ 149,000

Funding Source: Storm Sewer Utility Fund (100%)

Problem: Potential flooding along 3rd and Dora Streets during high flow events due to insufficient capacity in the mains.

Proposed Solution: Upsize approximately 453 linear feet of the storm sewer mains in Dora Avenue from 12" to 15".

Identified By: *South Troutdale Storm Drainage Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None

14. Project Name: SE 21st Street Main Upsizing

Project Number: SD-S30

Timeframe: Medium Term

Estimated Cost: $ 122,000

Funding Source: Storm Sewer Utility Fund (100%)

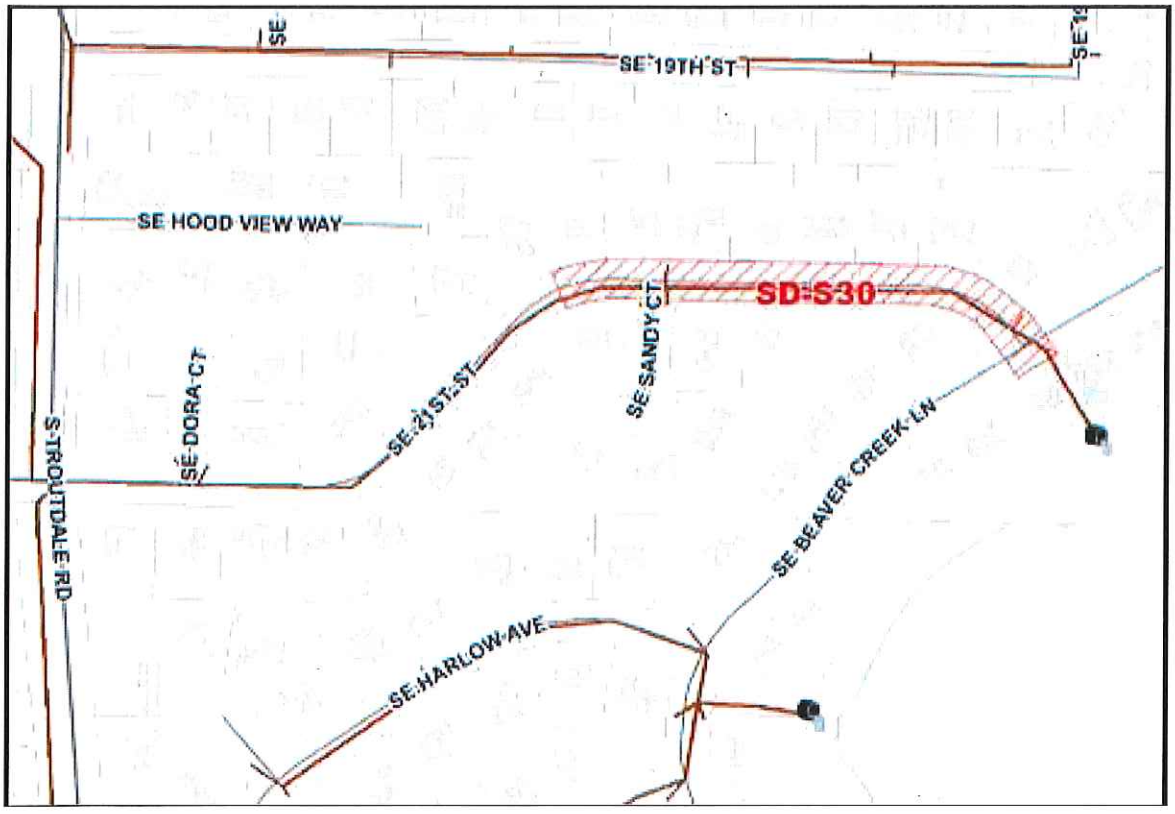
Problem: Potential flooding along SE 21st Street during high flow events due to insufficient capacity in the main.

Proposed Solution: Upsize approximately 364 linear feet of the storm sewer mains in SW 21st Street from 12" to 15".

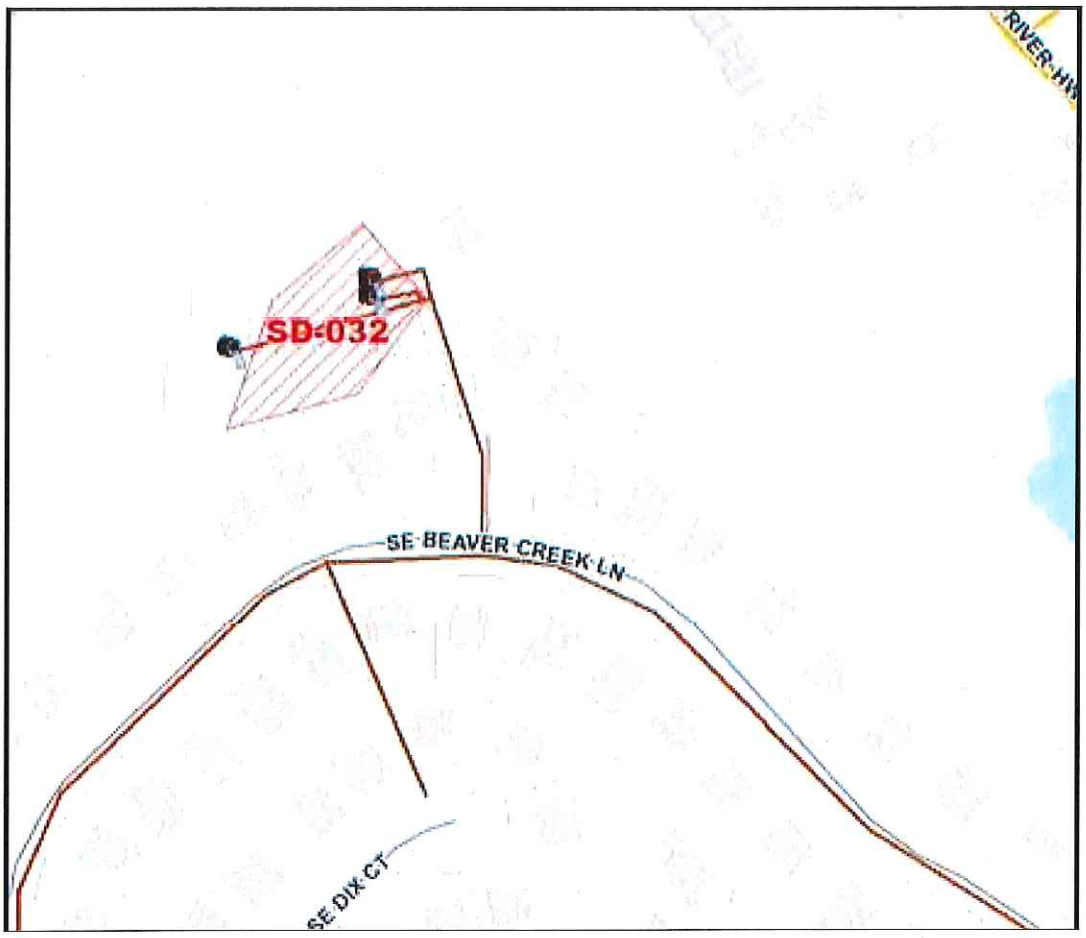
Identified By: *South Troutdale Storm Drainage Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None



15. Project Name:	Strawberry Meadows Detention Pond Retrofit
Project Number:	SD-S32
Timeframe:	Medium Term
Estimated Cost:	$ 98,000
Funding Source:	Storm Sewer Utility Fund (100%)
Problem:	There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.
Proposed Solution:	Retrofit the existing detention pond to add stormwater quality treatment capability.
Identified By:	*South Troutdale Storm Drainage Master Plan, 2012*
In previous CIP?	Yes
Related Project(s):	None



16. Project Name: Hensley Road Storm Drainage – N/S Leg

Project Number: SD-S34

Timeframe: Medium Term

Estimated Cost: $ 50,000

Funding Source: Storm Sewer Improvement Fund (50%), Storm Sewer Utility Fund (50%)

Problem: Street widening and improvements to the N/S leg of SW Hensley Road will necessitate the provision of storm drainage systems to serve the improved roadway.

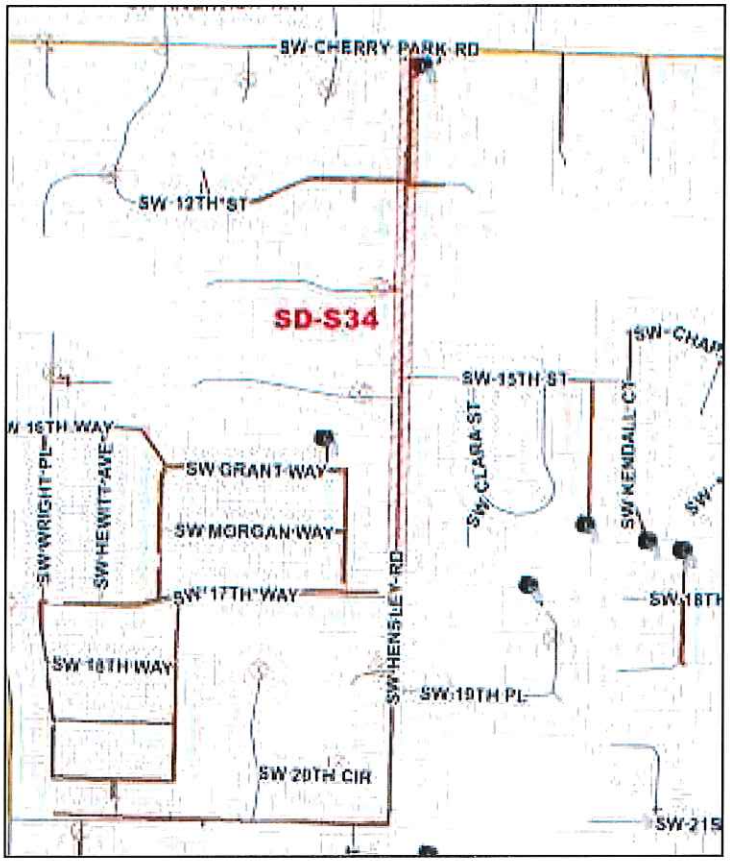
Proposed Solution: Install storm drainage facilities associated with roadway improvements on the N/S leg of SW Hensley Road.

Identified By: Staff

In previous CIP? No*

Related Project(s): ST-012

* The Hensley Road street improvements have long been in the Transportation CIP, but there has not been a corresponding storm drainage project in the CIP previously



17. Project Name: Stuart Ridge Detention Pond Retrofit

Project Number: SD-S33

Timeframe: Long Term

Estimated Cost: $ 73,000

Funding Source: Storm Sewer Utility Fund (100%)

Problem: There is no stormwater quality treatment for existing development in this area of the City. The City's NPDES MS4 permit requires that the City take incremental steps to provide treatment to existing developed areas in the City.

Proposed Solution: Retrofit the existing detention pond to add stormwater quality treatment capability.

Identified By: *South Troutdale Storm Drainage Master Plan, 2012*

In previous CIP? Yes

Related Project(s): None

18. Project Name:	SDIC Pump Station Upgrade, Phase II
Project Number:	SD-N07B
Timeframe:	Long Term
Estimated Cost:	$ 602,000 (City Share)
Funding Source:	Storm Sewer Improvement Fund (50%), Storm Sewer Utility Fund (50%)
Problem:	There will be inadequate pumping capacity at the Sandy Drainage Improvement Company's pump station with future flows from urbanization.
Proposed Solution:	Construct additional pumping and/or storage capacity.
Identified By:	North Troutdale Storm Drainage Master Plan, March 1990, prepared by David J. Newton Associates, Inc.
In previous CIP?	Yes
Related Project(s):	SD-N29

19.	**Project Name:**	Unified Storm Drainage Master Plan
	Project Number:	SD-SN1
	Timeframe:	Long Term
	Estimated Cost:	$ 150,000 (Total Cost) $ 112,500 (City Share)
	Funding Source:	Storm Sewer Improvement Fund (37.5%) Storm Sewer Utility Fund (37.5%) SDIC (25%)
	Problem:	The North Troutdale Storm Drainage Master Plan, prepared in 2007, and South Troutdale Storm Drainage Master Plan, prepared in 2012, will be outdated and in need of update. These master plans should be unified in the future.
	Proposed Solution:	Update both the North and South Troutdale Storm Drainage Master Plans in a new unified City of Troutdale Storm Drainage Master Plan.
	Identified By:	Staff
	In previous CIP?	No
	Related Project(s):	None

CIP Summary Table

STORM SEWER

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Graham Road Storm Drainage	SD-N20	Immediate (in-progress)	$ 1,800,000	$ 550,000	Port (1,800,000), Storm Imp ($550,000)	Y	ST-080
Salmon Creek Weir Improvements	SD-N21	Immediate (in-progress)		$ 150,000	SDIC, Port, Storm Imp ($150,000)	Y	None
Beaver Creek Culverts	SD-S27	Immediate (in-progress)	$ 1,608,000	$ 100,000	County ($1,608,000) Storm Imp ($100,000)	Y	ST-007
Rehabilitate and Upgrade North Evans Outfall	SD-S28	Immediate	$ 145,000	$ 145,000	Storm (100%)	Y	None
Update North Troutdale Storm Drainage Master Plan	SD-N29	Immediate	$ 100,000	$ 50,000	Storm Imp (25%) Storm (25%) SDIC (50%)	N	All SD-N
SW 14th Street Drainage Improvement	SD-S35	Immediate	$ 15,000	$ 15,000	Storm (100%)	N	None
Columbia River Highway Bypass	SD-N25	Short	$ 466,000	$ 466,000	Storm Imp (100%)	Y	SD-N29
North Arata Creek Drain Line Improvement	SD-N23	Short	$ 760,000	$ 760,000	Storm Imp (100%)	Y	SD-N29
South Arata Creek Culvert Improvement	SD-N24	Short	$ 678,000	$ 678,000	Storm Imp (100%)	Y	SD-N29
Sandee Palisades Detention Pond Retrofit	SD-S31	Short	$ 170,000	$ 170,000	Storm (100%)	Y	None
Marine Drive Culvert Bypass	SD-N26	Medium	$ 635,000	$ 635,000	Storm Imp (100%)	Y	SD-N29
NW Dunbar Avenue Storm Line	SD-N16	Medium	$ 361,000	$ 361,000	Storm Imp (100%)	Y	ST-045
SE 3rd Street and SE Dora Avenue Main Upsizing	SD-S29	Medium	$ 149,000	$ 149,000	Storm (100%)	Y	None
SE 21 Street Main Upsizing	SD-S30	Medium	$ 122,000	$ 122,000	Storm (100%)	Y	None
Strawberry Meadows Detention Pond Retrofit	SD-S32	Medium	$ 98,000	$ 98,000	Storm (100%)	Y	None
Hensley Road Storm Drainage - N/S Leg	SD-S34	Medium	$ 50,000	$ 50,000	Storm Imp (50%), Storm (50%)	N	ST-012, UG-XX
Stuart Ridge Detention Pond Retrofit	SD-S33	Long	$ 73,000	$ 73,000	Storm (100%)	Y	None
SDIC Pump Station Upgrade, Phase II	SD-N07B	Long		$ 602,000	Storm Imp ($301,000), Storm ($301,000), SDIC	Y	SD-N29
Unified Storm Drainage Master Plan	SD-SN1	Long	$ 150,000	$ 112,500	Storm Imp (37.5%) Storm (37.5%) SDIC (25%)	N	None
		TOTALS	**$ 7,380,000**	**$ 5,286,500**			

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr

Cost Basis: 2016 Dollars

Parks Improvements

1. **Project Name:** Update Parks Master Plan

   Project Number: PA-001

   Timeframe: Immediate

   Estimated Cost: $ 50,000

   Funding Source: Parks Improvement Fund (50%), General Fund-Parks (50%)

   Problem: The Parks Master Plan, prepared in 2006, and the Glenn Otto Park Master Plan, prepared in 2002, are near the end of their planning horizon. Changes in population forecasts, demographics, community needs and land availability render the existing Park Master Plan and Glenn Otto Park Master Plan antiquated and in need of update.

   Proposed Solution: Prepare a new Parks Master Plan, including a new Glenn Otto Park master Plan.

   Identified By: Staff

   In previous CIP? No

   Related Project(s): All PA CIP

2. **Project Name:** Visionary Park

   Project Number: PA-018

   Timeframe: Immediate

   Estimated Cost: $ 60,000

   Funding Source: Parks Improvement Fund (100%)

   Problem: Citizens and elected officials have identified the need to recognize the centennial anniversary of the Historic Columbia River Highway. Commemorative artwork has been offered as a donation to the City, and an appropriate site identified, but site work and related amenities are needed.

   Proposed Solution: Construct the Visionary Park site work and related amenities as provided in Resolution #2306

   Identified By: City Council, Visionary Friends of Troutdale, Resolution #2306

   In previous CIP? No

   Related Project(s): None

3. **Project Name:** Improve Existing Parks PH I

Project Number: PA-002

Timeframe: Short Term

Estimated Cost: $ 2,149,000

Funding Source: Parks Improvement Fund (65.9%), General Fund-Parks (34.1%)

Problem: Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.

Proposed Solution: Make improvements at various parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*

Identified By: *Parks Master Plan, 2006*

In previous CIP? Yes

Related Project(s): PA-001, PA-007, PA-011

4. **Project Name:** Special Use Park Development

Project Number: PA-003

Timeframe: Short Term

Estimated Cost: $ 4,000,000

Funding Source: Urban Renewal Agency (95%), Parks Improvement Fund (5%)

Problem: The Urban Renewal Area will require public parks space including special use space that will complement the URA and the riverfront.

Proposed Solution: Develop approximately 2.0 acres of the former STP site as a special use park.

Identified By: *Parks Master Plan, 2006; Riverfront Renewal Plan, 2006 (Am. 2014)*

In previous CIP? Yes

Related Project(s): PA-001

5. **Project Name:** Neighborhood Park Site Acquisition PH I

Project Number: PA-004

Timeframe: Short Term

Estimated Cost: $ 1,075,000

Funding Source: Parks Improvement Fund (100%)

	Problem:	Increases in population necessitate the acquisition of additional neighborhood park land to meet the City's established Level of Service standard.
	Proposed Solution:	Acquire approximately 4.0 acres of neighborhood park land in growing areas of the City.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-006, PA-008
6.	**Project Name:**	Community Park Site Acquisition
	Project Number:	PA-005
	Timeframe:	Short/Medium Term
	Estimated Cost:	$ 1,881,000
	Funding Source:	Parks Improvement Fund (100%)
	Problem:	Increases in population necessitate the acquisition of additional community park land to meet the City's established Level of Service standard.
	Proposed Solution:	Acquire approximately 7.0 acres of community park land to meet growth needs.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-009
7.	**Project Name:**	Neighborhood Park Development
	Project Number:	PA-006
	Timeframe:	Short/Medium Term
	Estimated Cost:	$ 400,000
	Funding Source:	Parks Improvement Fund (100%)
	Problem:	Neighborhood park land acquired in Project PA-004 will need to be developed with park improvements and amenities.
	Proposed Solution:	Develop approximately 4.0 acres of neighborhood park land to meet growth needs.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-004

8. **Project Name:** Improve Existing Parks PH II

Project Number: PA-007

Timeframe: Short/Medium Term

Estimated Cost: $ 1,074,000

Funding Source: Parks Improvement Fund (65.9%), General Fund-Parks (34.1%)

Problem: Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.

Proposed Solution: Make improvements to existing parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*

Identified By: *Parks Master Plan, 2006*

In previous CIP? Yes

Related Project(s): PA-001, PA-002, PA-011

9. **Project Name:** Neighborhood Park Site Acquisition PH II

Project Number: PA-008

Timeframe: Short/Medium Term

Estimated Cost: $ 919,000

Funding Source: Parks Improvement Fund (100%)

Problem: Increases in population necessitate the acquisition of additional neighborhood park land to meet the City's established Level of Service standard.

Proposed Solution: Acquire approximately 3.42 acres of neighborhood park land in growing areas of the City.

Identified By: *Parks Master Plan, 2006*

In previous CIP? Yes

Related Project(s): PA-001, PA-004

10.	**Project Name:**	Community Park Site Development
	Project Number:	PA-009
	Timeframe:	Short/Medium Term
	Estimated Cost:	$ 400,000
	Funding Source:	Parks Improvement Fund (100%)
	Problem:	Community park land acquired in project PA-005 will need to be developed with park improvements and amenities.
	Proposed Solution:	Develop approximately 7 acres of community parks in growing areas of the City.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-005

11.	**Project Name:**	Pathway Trails Development PH I
	Project Number:	PA-010
	Timeframe:	Short/Medium Term
	Estimated Cost:	$ 388,000
	Funding Source:	Parks Improvement Fund (100%)
	Problem:	Additional pathway and trail development is need to complete the "40-mile loop".
	Proposed Solution:	Develop approximately 1 linear mile of pathway/trails to complete the "40-mile loop" trail on the levee and along Harlow Place.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-015

12. Project Name:	Improve Existing Parks PH III
Project Number:	PA-011
Timeframe:	Short/Medium Term
Estimated Cost:	$ 1,074,000
Funding Source:	Parks Improvement Fund (65.9%), General-Parks (34.1%)
Problem:	Increases in population and intensification of use at various parks, together with existing deficiencies at various parks, necessitates improvements, upgrades and additional amenities.
Proposed Solution:	Make improvements to existing parks to meet growth needs and provide desired upgrades as described in tables 6.11-6.13 of the *Parks Master Plan, 2006.*
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-002, PA-007

13. Project Name:	Neighborhood Park Site Development PH II
Project Number:	PA-012
Timeframe:	Long Term
Estimated Cost:	$ 342,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Neighborhood park land acquired in Project PA-008 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 3.42 acres of neighborhood parks in growing areas of the City.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-008

14. Project Name:	Community Park Site Acquisition PH II
Project Number:	PA-013
Timeframe:	Long Term
Estimated Cost:	$ 1,774,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Increases in population necessitate the acquisition of additional community park land to meet the City's established Level of Service standard.
Proposed Solution:	Acquire approximately 6.6 acres of land for community parks to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-014

15. Project Name:	Community Park Site Development PH II
Project Number:	PA-014
Timeframe:	Long Term
Estimated Cost:	$ 660,000
Funding Source:	Parks Improvement Fund (100%)
Problem:	Community park land acquired in Project PA-013 will need to be developed with park improvements and amenities.
Proposed Solution:	Develop approximately 6.6 acres of community park land to meet growth needs.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001, PA-013

16.	**Project Name:**	Pathways/Trails Development PH II
	Project Number:	PA-015
	Timeframe:	Long Term
	Estimated Cost:	$1,090,000
	Funding Source:	General Fund-Parks (100%)
	Problem:	Additional pathway and trail development is needed to meet the City's desired level of service.
	Proposed Solution:	Develop approximately 5.9 linear miles of pathway/trails.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001, PA-010

17.	**Project Name:**	Neighborhood Park Acquisition and Development PH III
	Project Number:	PA-016
	Timeframe:	Long Term
	Estimated Cost:	$ 1,851,000
	Funding Source:	General Fund-Parks (100%)
	Problem:	Existing deficiencies in neighborhood park land necessitate the acquisition and development of additional neighborhood parks to meet the City's Level of Service standard.
	Proposed Solution:	Acquire and develop approximately 5.02 acres of land as neighborhood parks.
	Identified By:	*Parks Master Plan, 2006*
	In previous CIP?	Yes
	Related Project(s):	PA-001,

18. Project Name:	Community Park Acquisition and Development PH III
Project Number:	PA-017
Timeframe:	Long Term
Estimated Cost:	$ 2,603,000
Funding Source:	General Fund-Parks (100%)
Problem:	Existing deficiencies in community park land necessitate the acquisition and development of additional community park land to meet the City's Level of Service standard.
Proposed Solution:	Acquire and develop approximately 7.06 acres of land as a community park.
Identified By:	*Parks Master Plan, 2006*
In previous CIP?	Yes
Related Project(s):	PA-001

CIP Summary Table

Parks

Project Name	Project #	Timeframe*	Estimated Total Cost	Estimated City Cost	Funding Source(s)	In Previous CIP?	Related Projects
Update Parks Master Plan	PA-001	Immediate	$ 50,000	$ 50,000	Parks Imp (50%), General-Parks (50%)	N	All PA CIP
Visionary Park	PA-018	Immediate	$ 60,000	$ 60,000	Parks Imp (100%)	N	None
Improve Existing Parks PH I	PA-002	Short	$ 2,149,000	$ 2,149,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-007, PA-011
Special Use Park Development	PA-003	Short	$ 4,000,000	$ 4,000,000	Parks Imp (5%) URA (95%)	Y	PA-001
Neighborhood Park Site Acquisition	PA-004	Short	$ 1,075,000	$ 1,075,000	Parks Imp (100%)	Y	PA-001, PA-006, PA-008
Community Park Site Acquisition	PA-005	Short/Medium	$ 1,881,000	$ 1,881,000	Parks Imp (100%)	Y	PA-001, PA-009
Neighborhood Park Development	PA-006	Short/Medium	$ 400,000	$ 400,000	Parks Imp (100%)	Y	PA-001, PA-004
Improve Existing Parks PH II	PA-007	Short/Medium	$ 1,074,000	$ 1,074,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-002, PA-011
Neighborhood Park Site Acquisition PH II	PA-008	Short/Medium	$ 919,000	$ 919,000	Parks Imp (100%)	Y	PA-001, PA-004
Community Park Site Development	PA-009	Short/Medium	$ 400,000	$ 400,000	Parks Imp (100%)	Y	PA-001, PA-005
Pathway Trails Development PH I	PA-010	Short/Medium	$ 388,000	$ 388,000	Parks Imp (100%)	Y	PA-001, PA-015
Improve Existing Parks PH III	PA-011	Short/Medium	$ 1,074,000	$ 1,074,000	Parks Imp (65.9%), General-Parks (34.1%)	Y	PA-001, PA-002, PA-007
Neighborhood Park Site Development PH II	PA-012	Long	$ 342,000	$ 342,000	Parks Imp (100%)	Y	PA-001, PA-008
Community Park Site Acquisition PH II	PA-013	Long	$ 1,774,000	$ 1,774,000	Parks Imp (100%)	Y	PA-001, PA-014
Community Park Site Development PH II	PA-014	Long	$ 660,000	$ 660,000	Parks Imp (100%)	Y	PA-001, PA-013
Pathways/Trails Development PH II	PA-015	Long	$ 1,090,000	$ 1,090,000	General-Parks (100%)	Y	PA-001, PA-010
Neighborhood Park Acquisition and Development PH III	PA-016	Long	$ 1,851,000	$ 1,851,000	General-Parks (100%)	Y	PA-001
Community Park Acquisitions and Development PH III	PA-017	Long	$ 2,603,000	$ 2,603,000	General-Parks (100%)	Y	PA-001
		TOTALS	$ 21,790,000	$ 21,790,000			

*TIMEFRAMES: Immediate (< 2 yr), Short (< 5 yr), Medium (5-10 yr), Long (> 10 yr

Cost Basis: 2016 Dollars

AGENDA ITEM #5

CITY OF TROUTDALE

STAFF REPORT

SUBJECT / ISSUE: A resolution declaring the need to acquire right of way and easements on property for the purpose of constructing street improvements for NW 257th Way

MEETING TYPE: City Council Regular Mtg.	**MEETING DATE:** March 22, 2016 **STAFF MEMBER:** Ed Trompke, City Attorney **DEPARTMENT:** Legal
ACTION REQUIRED Resolution **PUBLIC HEARING** No	**ADVISORY COMMITTEE/COMMISSION RECOMMENDATION:** Approval **Comments:**

STAFF RECOMMENDATION: Approve the resolution to require the owner to engage with the city about the acquisition.

EXHIBITS:
A. None

Subject / Issue Relates To:
☒ Council Goals ☐ Legislative ☐ Other (describe)

BACKGROUND:

The Council approved an agreement to sell the former sewage treatment plant to Eastwinds, LLC in early February, 2016. The agreement requires the city to start condemnation of a right-of-way thorough the outlet mall for a public street. The owner has stated that it is not prepared to negotiate sale of the right-of way at this time. Condemnation moves the process forward, and requires the owner to address acquisition by the city.

Reviewed and Approved by City Manager:

PROS:

Condemnation requires the court to make certain findings, and this resolution gives the court the basis to make the findings. Failure to approve the findings could be taken as a failure to proceed to execute the city's obligations under the Eastwinds LLC agreement.

CONS:

This commits the city to spend resources on the condemnation.

Current Year Budget Impacts ☐ Yes *(describe)* ☒ N/A

Future Fiscal Impacts: ☒ Yes *(describe)* ☐ N/A
To be determined

City Attorney Approved Resolution ☒ Yes

Community Involvement Process: ☐ Yes *(describe)* ☒ N/A

RESOLUTION NO.

A RESOLUTION DECLARING THE NEED TO ACQUIRE RIGHT OF WAY AND EASEMENTS ON PROPERTY FOR THE PURPOSE OF CONSTRUCTING STREET IMPROVEMENTS FOR NW 257TH WAY

THE TROUTDALE CITY COUNCIL FINDS AS FOLLOWS:

1. Section 31 of the 1994 Troutdale Charter grants the City the authority to acquire land for public purposes.

2. The City is authorized by ORS 223.005 et seq. and ORD 35.015 et seq. to purchase, acquire, take, use, enter upon and appropriate land and property within or without its corporate limits for the purpose provided in those statutes.

3. The construction of the extension of NW 257th Way (the "Project") is identified in the Troutdale Riverfront Renewal Plan and is a Condition to Closing in the Letter of Intent entered into between the Troutdale Urban Renewal Agency and Eastwinds Development, LLC dated February 22, 2016.

4. The City needs to construct the Project for the public purpose of providing adequate public access to and aiding in the future development of an approximately 12 acre parcel of city property constituting the former sewage treatment plant and an approximately 8 acre parcel owned by Eastwinds Development, LLC, both of which lie within the Troutdale Urban Renewal Area.

5. The City needs to acquire an interest in the Property (as defined below) on which to construct and maintain the needed street improvement that is part of the Project (including sidewalk, drainage systems, utilities, street and utility related easements and other aspects of the Project).

6. To allow for acquisition of the Property in a timely and efficient manner, a resolution of necessity is necessary to allow the City to take all measures necessary to acquire the Property, including the exercise of eminent domain, if needed.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TROUTDALE:

Section 1. The City does hereby find and declare that certain property located in the City of Troutdale, Multnomah County, Oregon is necessary and will be used for the Project, which includes construction, operation, maintenance, repair and improvement of NW 257th Way, a public street of the City. The property for which the City needs to acquire a right of way and easements is depicted on the attached and incorporated as Exhibit A to this Resolution.

Section 2. The City hereby finds that the acquisition of right of way and easements on the Property is necessary and in the public interest, and the improvements to the Property will be planned, designed, located and constructed in a manner that will be most compatible with the greatest public benefit and the least private injury or damage.

Section 3. The City Manager, city's agent, and the city attorney are authorized to negotiate and enter into agreements with the owners and other persons who have an interest in the Property as to the compensation for the acquisition.

Section 4. In the event that no satisfactory agreement can be reached on the right of way or easement acquisition for all or any portion of the Property, the city attorney is directed and authorized to commence and prosecute to final determination such proceedings as may be necessary to acquire the property or any portion of the Property for which no satisfactory agreement can be reached, including exercise of eminent domain, and upon the filing of such proceedings, possession of the affected real property therein may be taken, to the extent provided by law.

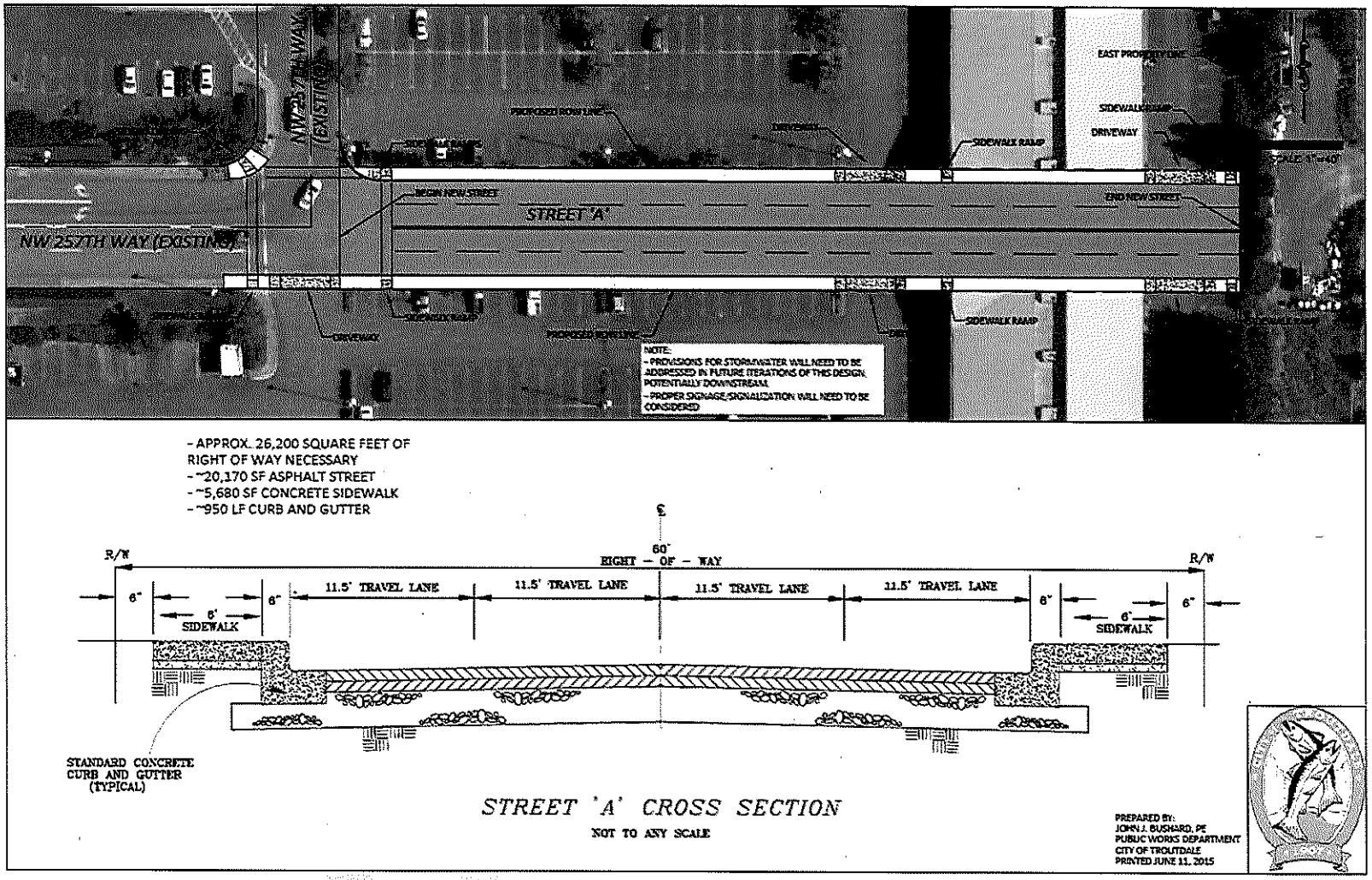
Section 5. This Resolution takes effect upon passage by the City Council.

YEAS:
NAYS:
ABSTAINED:

_____
Doug Daoust, Mayor

_____
Date

_____
Kenda Schlaht, Deputy City Recorder
Adopted:



Street Extension Plan - Acquisition

Exhibit A