Beaverton
OREGON

Capital Improvements Plan

For Fiscal Years 2012/13 through 2013/14

City of Beaverton
4755 SW Griffith Drive
PO Box 4755
Beaverton, OR 97076-4755

CITY OF BEAVERTON

CAPITAL IMPROVEMENTS PLAN

FOR FISCAL YEARS 2012-13 AND 2013-14

City of Beaverton
4755 SW Griffith Drive
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CITY OF BEAVERTON
CAPITAL IMPROVEMENTS PLAN
FOR FY 2012-13 AND FY 2013-14

Budget Committee and Officers

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Randy Blake, Budget Committee Vice Chair

Karmen Bickel, Budget Committee

Traci Stout, Budget Committee

Jose Galindez, Budget Committee

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Betty Bode, City Council Member

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Dennis Doyle, Mayor

Geoff Dougall, Alternate Member Budget Committee

CIP Executive Review Committee

Dennis Doyle, Mayor

Peter Arellano, Public Works Director

Don Mazziotti, Community & Economic Development Director

Patrick O'Claire, Finance Director

Ex-Officio Members

David Winship, Principal Engineer
Jabra Khasho, City Transportation Engineer

CITY OF BEAVERTON

CAPITAL IMPROVEMENTS PLAN FOR FY 2012-13 AND FY 2013-14

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- City's Annual Budget (See Capital Projects Fund and other Funds)
- Annual CIP Report Supplement for Projects after FY 2013-14

CITY OF BEAVERTON

CAPITAL IMPROVEMENTS PLAN
FY 2012-13 AND FY 2013-14

OVERVIEW

Overview

Assessment of the Capital Improvement Process

The Capital Improvement Plan (CIP) process is in the midst of transition. At the request of Mayor Doyle, a look into the CIP process was initiated in January 2012. Relevant staff have been asked to assess the current CIP process and explore how it could better serve as the vehicle to collaboratively accomplish the goals of adopted city plans, and simultaneously manage the City's vital infrastructure and assets.

This year's CIP assessment will offer lessons learned and will help shape an expanded CIP process for 2013.

City leaders have requested that the CIP process in general would include strategic priorities to guide the process as well as increased interaction across city departments. Establishing such priorities would help with project selection and facilitate a more open discussion about funding opportunities aligning with priorities. The assessment of the CIP process, the investment in developing goals and priorities to align with city wide priorities, and integrating various committees, council, leaders, pubic, and staff are expected to guide the CIP to a more collaborative interactive process, as well as a more strategic approach to selecting the City's projects.

Assessment of the Current CIP Process

In January 2012, a pilot process was initiated and included the exploration of the current CIP process. This included a discussion about necessary changes to make the process more collaborative, strategic and prioritized.

Baseline information about the current process was gathered through the creation of a **CIP Technical Advisory Committee (TAC)**, which included staff from various departments: Planning, Transportation, Water, Finance, and Public Works/Engineering. The TAC was asked to provide technical input, ranking the projects in accordance with the specified criteria, identify areas of improvement from their experience, and work to create a strategy to align projects with the long-range city plans and goals managed by various departments. The TAC would participate in annual CIP reviews and meet as needed to complete the work assigned.

In addition to the TAC, a **CIP Process Committee (PCom)** was formed. The PCom reviews the work of the TAC and offers input. PCom determines whether to accept, reject, or modify the TAC's recommendations and takes recommendations to the public and council for approval. The PCom is expected to enhance communication and collaboration across the city in regards to the CIP goals and strategies. The PCom will educate and prepare council, commissions, and department heads about upcoming TAC work and recommendations.

Plans and Priorities to be Considered in CIP

City Plans & Priorities

- Infrastructure Master Plan
- Water Master Plan
- Storm Water Master Plan
- Sewer Master Plan
- Transportation System Plan
- 5-year CIP Strategy (not yet created)
- Civic Plan
- Urban Renewal Plan

Political/Community Priorities

- Community Vision Action Plan
- HUD Sustainable Communities Grant
- Mayor's Strategic Plan
- Mayor's 10 Point Plan
- Neighborhood Stabilization
- City Council Annual Goals
- City Council 5-year Focus Goals (not yet created)
- Public input

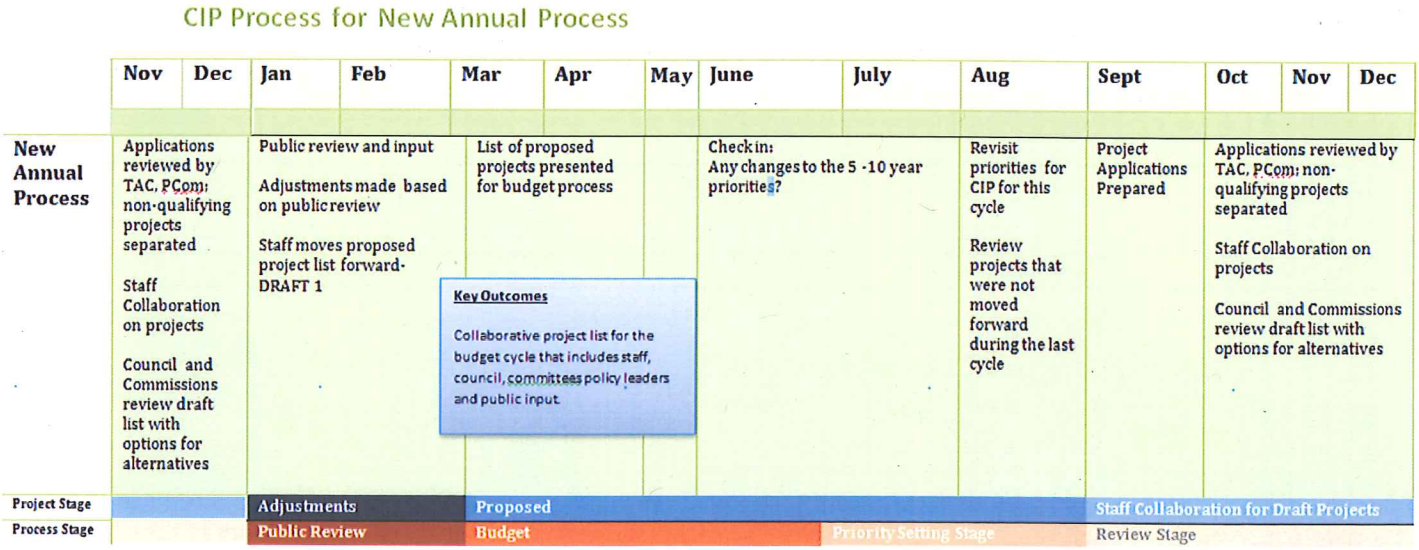
The Future CIP Process

In July of 2012, Staff, city leaders, Council, planning commission, traffic commission, and the urban renewal commission will begin to develop the goals and strategies of the Capital Improvement Process. Council Work sessions will be held to collaboratively set overarching strategic goals to help the CIP achieve city and council objectives.

There will also be opportunity to get public input in an efficient manner, such as at public events or through the Neighborhood Program. The lessons learned from the pilot will be integrated into future actions through the determination of clear strategic priorities that will guide the prioritization and selection of projects for CIP. The future CIP will have:

- a set of strategic priorities to guide the CIP process to align with City priorities
- a section-by section set of priorities to guide the selection of projects relevant to that section
- a cross departmental technical advisory Committee (TAC) and a Process Committee (PCom) that will facilitate collaboration
- a more robust public input strategy,
- an opportunity for input by council, staff, public, and relevant commissions
- an understanding about timing and scheduling for presentations with Council and leaders

An annual check-in process will occur before the projects selection is initiated to identify any emergencies or unexpected commitments that may arise. In more detail, the following diagram shows the expected process for this year's CIP strategy work and a normal annual cycle.



Overview of CIP Accomplishments and Future Projects

In the back of the Annual CIP Report there is a list of CIP projects completed in FY2011-12 and two maps: 1) FY2012-13 CIP projects and projects proposed for FY2013-14, and 2) Sanitary Sewer projects that have been completed since 2006, projects under design or construction, and future programmed projects. It should be noted, however, that these maps (and the CIP in general), are subject to change whenever project priorities change or funding becomes available for a project that was programmed but not funded, including for example projects for which federal, state, or county funds unexpectedly become available to the City. Although this does not normally occur very often, it is important to note that the CIP and the aforementioned maps are subject to change due to such occurrences.

FY 2012-13 Projects and Their Funding Sources

This section provides highlights of the CIP projects included in this year's CIP. An index to the projects and their individual data sheets is provided in the next section of this Report.

Facility, Civic, and Cultural (FCC) Program

Projects in this category are generally connected to implementation of the Civic Plan adopted in April 2011. These projects are funded by a combination of City funds from the General Fund, Street Fund, and Storm Fund and grant funds.

FY 2012-13 Civic Projects

Project No.	Project Name
3310	Beaverton Downtown Creek Master Planning
3320	Hall Creek Water Quality and Pathway (114th-117th) Enhancement
3407	Crescent Connection Multi-Use Path
3515A	Broadway Streetscape Improvements Phase 2
3516	South Plaza at The Round Improvement

Transportation Program

Transportation Program Snapshot

The City's transportation system consists of approximately 220 miles of streets, 17 bridges, 13 concrete box culverts, 6 foot bridges and 14 miles of pedestrian paths.

Past CIP projects in this category have ranged from simple sidewalk improvements to new bike lanes, street rehabilitation projects, street beautification projects, street widening projects, intersection safety improvements, new traffic signals, and multi-lane street extensions that include bridges, underground public and private utilities, signalization, street lighting, and other improvements.

Funding Transportation improvements are funded from a combination of sources. Traffic Impact Fees (TIF) may be used to fund capacity improvements to certain arterial and collector roadways listed in the countywide TIF ordinance.

The County's Major Streets Transportation Improvement Program (MSTIP) continues to fund improvements to selected regional arterial and collector roadways throughout the County and occasionally within City limits such as the two projects on Scholls Ferry Rd (see CIP 4105 and 4106).

The Street Fund, which is the City's share of State and County motor vehicle fuel taxes and registration fees, may be used to fund improvements to public roadways; however, most Street Fund revenues are needed to fund street maintenance needs, including the pavement rehabilitation/resurfacing program.

The Traffic Enhancement (TE) Program uses General Fund monies to fund school safety projects, signal improvements, and traffic calming projects. This program is no longer receiving revenue and will continue to complete projects approved

by the Traffic Commission and Council until its revenues are depleted. Because TE revenues will soon be used up, a Traffic Calming Program (CIP 3189) has been established funded from the Street Fund at $40,000 per year.

Various grant programs provide funding for safety, capacity, bicycle, and pedestrian improvements. Allocation of most Federal grant funding and some State grant funding is coordinated through Metro and ODOT. Most grant programs require that the City provide funding for a portion of the project costs. Private development projects may also contribute funding toward a CIP project.

Program 3226, Miscellaneous Transportation and Improvement Projects, is funded from the Street Fund and includes small projects that were not identified specifically in the Transportation Element of the Comprehensive Plan. This program provides a way for the City to respond promptly to resolve safety problems or to provide the City's matching share on small grants that cannot be anticipated at the time of adoption of the CIP.

Also included in the CIP is the Street Rehabilitation program, which schedules major maintenance on the 207 miles of City streets. This program designates the locations of and proposed funding for street repaving, slurry seals, crack sealing and joint sealing of pavement, and replacing concrete sidewalks and sidewalk ramps. In an effort to better coordinate street rehabilitation improvements with underground replacement and expansion projects for water, sewer, and storm drainage, the Street Rehabilitation program is shown in the CIP and identifies the street segments to be rehabilitated in the coming fiscal year. Sometimes emergencies require unscheduled excavation of streets, but it is the City's goal to carefully plan for replacement of underground utilities prior to constructing surface improvements. The City's Public Works Department strives to improve coordination and scheduling of street resurfacing and underground utility construction to minimize digging up streets that have been recently repaved.

FY 2012-13 Transportation Projects

Project No.	Project Name
3192	Hocken Ave Bridge and Street Improvements at Beaverton Creek
3200	Adaptive Traffic Signal Expansion on BH Hwy and Canyon Rd
3225	155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)
3316	Rose Biggi Ave Extension (Crescent St to Hall Blvd)
3317	Dawson Wy Extension To Hocken Ave
3318	Birchwood Rd (Brentwood Rd-87th Ave) Sidewalks
3319	Hocken/Henry Sidewalk & Curb Improvement
3321	Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment
5078	155th Ave (Hart Rd-Cynthia Ct) Traffic Calming

Sanitary Sewer Program

Sanitary Sewer Program Snapshot

The City's sanitary sewer system consists of approximately 274 miles of pipe ranging in size from 6 to 21 inches and 7,801 manholes.

The Sanitary Sewer Program is based on the City of Beaverton January 2004 Sanitary Sewer Collection System Master Plan, the Clean Water Services 2009 Sanitary Sewer Master Plan Update, and the City's ongoing maintenance history and television scan (internal inspection) reports. With visual video images and written maintenance information, City staff identify and assess priorities for sanitary sewer projects needed to replace sections of the sewer system where the continued cost of maintenance of pipes and manholes would be greater than for replacement. The Sanitary Sewer Program includes projects in two main categories: "increased-capacity" projects for lines identified in the master plan as under capacity, and "replacement" projects for lines that have deteriorated past the reasonable point of repair. Planned CIP projects are intended to reduce infiltration and inflow of storm water and ground water into existing sanitary sewers, reduce deficiencies in older sections of the sanitary sewer collection system, and to build extra-capacity in the system (upsize underground pipes and manholes) to accommodate new development and redevelopment.

Funding
The Sewer Program is funded by the Sewer Fund (Fund 502 in the City budget). "Increased-capacity" projects are financed from System Development Charges (SDCs) and "replacement/renewal" projects are financed from monthly sewer service charges.

FY 2012-13 Sanitary Sewer Projects

Project No.	Project Name
6063	Royal Woodlands West Utility Improvements
6067	South Central Area "H" Sanitary & 5th St (Alger-Hwy 217) Waterline Improvements
6072	Main Ave (7th-Farmington) Utility Improvements
6074	South Central Area "D/F" Utility Improvements
6076	Belaire Subdivision Utility Improvements Phase 1
6082	Arctic Dr to 107th St Utility Improvements
6083	South Cooper Mountain Infrastructure Study

Drinking Water Program

Drinking Water Program Snapshot

The City's drinking water system consists of approximately 263 miles of pipe, five in-town storage reservoirs, four aquifer storage and recovery wells, and part ownership of the Joint Water Commissions water treatment, storage and transmission facilities.

The capital improvements listed for the Water Program are based on the 1991 Water System Facility Plan (master plan) and 2009 Master Plan, replacement/renewal projects developed from operation and maintenance history maintained by City Water forces, and City participation in Joint Water Commission (JWC) projects.

The City of Beaverton supplies water to about 71,400 people or 78 percent of the total 90,835 residents who live within the City limits. The remaining 19 percent of residents in Beaverton are supplied water by the Tualatin Valley Water District (TVWD), the West Slope Water District and the Raleigh Water District. The primary source of Beaverton's City water supply is from the Joint Water Commission water treatment plant located south of Forest Grove. The City owns a share in the water treatment plant, allowing the City up to 18.75 million gallons per day (MGD) of treated drinking water.

The City of Beaverton's Drinking Water Program includes both "increased-capacity" projects and "replacement/renewal" projects. Within the City's water distribution system there are five in-town water storage reservoirs, with a total storage volume of 28.25 million gallons (not including the City's share of JWC storage of 10 million gallons). With a current average City water demand of 6.69 MGD, the City has the equivalent of 3 to 4-days supply of drinking water in its local reservoirs. The City's water distribution system, separate from the JWC supply system, consists of approximately 276 miles of pipe, ranging from 2 inches to 36 inches. The City's water distribution system contains four pumping stations. These pumping stations lift water from the largest water service pressure zone on the valley-floor to the nine other higher elevation water pressure zones and two upper elevation water storage reservoirs within the City's water service area. The City's on-going replacement of old system components and expansion of the water infrastructure system will provide improved water service and fire protection to existing City water customers and increased water supply to ensure public health and accommodate expected growth.

Additional information on the City's water system is contained in the City of Beaverton 2010 Drinking Water Quality Report available on the City Web site.

New Water Supply and Joint Water Commission Projects
The Joint Water Commission (JWC) water treatment plant can produce up to 75 million gallons per day (MGD) of treated drinking water. The City of Beaverton owns a 25 percent share of the JWC water treatment plant capacity, equivalent to 18.75 MGD of drinking water. As described above, the City participates in the cost of upgrading and maintaining the Joint Water Commission (JWC) water treatment plant, pipelines and associated structures (CIP 3635).

Aquifer Storage and Recovery (ASR)
The City's 2009 water master plan identified needed increased capacity improvements to provide safe, dependable water service to the City's water customers in conjunction with the build-out of vacant land. The plan recommended improvements in the water distribution system, storage and transmission system, and the water treatment system. Over the last several years the City has allocated considerable funding to Aquifer Storage and Recovery (ASR). ASR Well Nos. 1 and 2 located at the Sorrento Water Works Facility produce approximately 3 MGD. The current estimated single-day summertime peak demand for the City is near 17 million gallons. The completion of ASR Well No. 4 in FY06/07 added 3 MGD more in ASR production for a total of 6 MGD. The City's ASR system stored approximately 160 MG of drinking water in underground aquifers over the winter and spring of 2010-2011, with a total of 701 MG available (injected water plus carry-over storage from the previous year) for recovery. From June through October 2011, 144 MG of stored water and native groundwater were recovered (pumped into the water system) from the ASR wells to help meet summer customer demand. Stored water pumped out of the City's three ASR wells made up nearly 6 percent of the City's total annual drinking water distributed to customers in 2011. These ASR wells act as virtual underground water storage reservoirs to supply water during the summer season. Water supplied by the City's ASR wells helps smooth out the summer's water demand spikes through the 20-mile long transmission mains and from the JWC treatment plant. The City owns a fourth undeveloped ASR well site (future ASR Well No. 3), located in southwest Beaverton.

Funding
The Drinking Water Program is funded by 1) the Water Construction Fund (505) that obtains revenue from Water System Development Charges (SDCs), 2) the Water Debt Service Fund (funded by the proceeds of the water revenue bonds), and 3) the Water Fund (501) that obtains revenue from water sales, water connection permits, and fees.

FY 2012-13 Water Projects

Project No.	Project Name
3635	JWC Capacity Projects
4021D	Aquifer Storage and Recovery (ASR) Well No. 5
4078B	Sexton Mtn Pump Station Upgrade, Phase 2
4079	Sorrento Pump Station & Meridian Pump Station Upgrades
4095	Standpipe (1.75 MG) Maintenance
4097	Sexton Mtn 5MG Reservoir Mixing Improvements
4103	Normandy Pl/Sherwood Pl Waterline Improvement
4105	Scholls Ferry Rd/Fanno Creek Bridge Utility Adjustments
4106	Scholls Ferry Rd (Roy Rogers-Teal) Waterline & Sanitary Improvements

Storm Drainage Program

Storm Drainage Program Snapshot

The City's storm drainage system consists of approximately 225 miles of pipe, 5154 manholes, 8994 catchbasins, and 124 public drainage facilities such as detention ponds, water quality facilities, and others.

The Storm Drainage Program is based on the 1994 Storm Drainage Master Plan, engineering consultant studies of specific. streams and watersheds in Beaverton such as the Central Interceptor study, the Westside Interceptor study, Blakeney Pond (Bel Aire Creek) Drainage study, the Beaverton Eastside Drainage study, the Beaverton Creek Floodplain Restudy, the Clean Water Services Healthy Streams Plan, and the City's ongoing maintenance history and television scan (internal inspection) reports. The 1994 master plan and the aforementioned studies and inspection reports identify the improvements that are needed to convey or detain a 25-year storm. The priority for the design and construction of the associated improvements is based on the highest potential to safeguard public and private property from damage due to storm events.

Funding
Storm drainage improvements are funded by the Storm Drain Fund (Fund 513) through utility fees set out in Beaverton Code. "Increased-capacity" improvements are financed through Systems Development Charges (SDCs), of which there are three: storm water conveyance, storm water quantity control, and storm water quality control. "Maintenance and

replacement" projects are financed by a $2 per month storm drain surcharge to the regular service charge collected by Clean Water Services. Surcharge revenue is segregated from other storm drain revenues to be used for the purposes of replacing, renewing and improving the storm drainage system.

FY 2012-13 Storm Drainage Projects

Project No.	Project Name
8098A	Storm Drainage Improvements at Dover Ln Near Oleson Rd (Dover South)
8098B	Storm Drainage Improvements at Dover Ln Near Oleson Rd (Dover North)
8102	Storm Drainage Repair on Overlay Streets
8104	Murray Blvd & Oleson Rd Storm Filter Vaults Retrofit
8106	Little People's Park Storm Detention Pond Enhancement
8109	BH Hwy at Griffith Dr Outfall Retrofit
8111	11600 SW Canyon Rd Water Quality Swale
8112	102nd Ave South of Heather Storm Drain Improvements
8113	139th Ave Storm Maintenance Access & Pretreatment Manhole

FUTURE NEEDS – THE "ANNUAL CIP REPORT SUPPLEMENT"

The "Annual CIP Report Supplement", described previously in this Report, is a separate document that lists needed transportation and public utilities improvements planned for the future in the years following FY 2013-14. Interested residents and citizen groups may seek to add projects to the lists in the Supplement by sending their requests and/or recommendations to the City's Public Works Director, Peter Arellano, in writing at the following address:

Peter Arellano
Director of Public Works
City of Beaverton
PO Box 4755
Beaverton, OR 97076-4755

Upon receipt, City staff will evaluate each request and respond to the requestor in writing with the course of action proposed by the City. The City is particularly interested in recommendations that help eliminate or reduce the risk of personal injury or damage to private property such as perennial flooding problems

The FY 2012-13 CIP budget includes maintenance and repair projects that address all known, unreasonable risks to private property. The applicable projects for which funds have been budgeted in FY 2012-13 include 6063, 6072, 6076, 6082, 8098A, 8098B, 8111 and 8112.

Additional information on the City's Capital Improvements Plan is available on the City's website (http://beavertonoregon.gov/) via the link to the City Projects / Capital Improvement page.

CIP OVERVIEW MAPS OF PROJECTS COMPLETED, UNDERWAY AND PLANNED

Map 1 – FY 2012-13 CIP Projects
Map 2 – FY 2013-14 CIP Projects
Map 3 – Sanitary Sewer Projects (Completed & Planned)

CITY OF BEAVERTON
CAPITAL IMPROVEMENTS PLAN (CIP)
FOR FY 2012-13 AND FY 2013-14

PROJECT INDEX

This index relates the Project Names and Funding Sources in the Financial Plan to the Project Numbers and Project Names in the FY2012/13 Project Description Section of the CIP.

Project Name	Project No.	Funding Source(s)	Page No.
102nd Ave South of Heather Storm Drain Improvements	8112	3950	99
11600 SW Canyon Rd Water Quality Swale	8111	3917	98
139th Ave Strom Maintenance Access & Pretreatment Manhole	8115	3950	100
155th Ave (Hart Rd-Cynthia Ct) Traffic Calming	5078	3223	52
155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)	3225	101, 3620	44
Aquifer Storage & Recovery (ASR) Well No. 5	4021D	3620	66
Arctic Dr to 107th Ave Sanitary Sewer	6082	3850, 3915, CWS	86
Beaverton Downtown Creek Master Planning	3310	3950	30
BH Hwy and Canyon Rd Adaptive Traffic Signal Expansion	3200	114, Federal	42-43
BH Hwy at Griffith Dr Outfall Retrofit	8109	3917, ODOT	97
Belaire Subdivision Utility Improvements, Phase 1	6076	3620, 3811, 3850, 3950, CWS	85
Birchwood Rd (BrentwoodRd-87th Ave) Sidewalk	3318	101, Federal	49
Broadway Streetscape Improvements Phase 2	3515A	001, Street Lighting	33
Crescent Connection Multi-Use Path	3407	101, Federal	32
Dawson Wy Extension to Hocken Ave	3317	114	48
Dover Ln South Storm Drainage Improvements	8098A	3950	92
Dover Ln North Storm Drainage Improvements	8098B	3950	93
Hall Creek Water Quality and Pathway (114th-117th) Enhancement	3320	101, 3915, Metro	31
Hocken Ave Bridge & Street Improvements at Beaverton Creek	3192	114, 3915	40
Hocken/Henry Sidewalk & Curb Improvement	3319	101	50
JWC Capacity Projects	3635	3611, 3635	64-65
Little People's Park - Creek & Wetland Enhancement	8106	3950	96

Project Name	Project No.	Funding Source(s)	Page No.
Main Ave (7th St-Farmington Rd) Utility Improvements	6072	3701, 3850, 3950, CWS	83
Murray Blvd & Oleson Rd Storm Filter Vaults Retrofit	8104	4917	95
Normandy Pl/Sherwood Pl Waterline Improvement	4103	3701	71
Rose Biggi Ave Extension (Crescent St to Hall Blvd))	3316	114, 3620	46-47
Royal Woodlands West Utility Improvements	6063	3620, 3811, 3850, 3950, CWS	81
Scholls Ferry Rd/Fanno Creek Bridge Utility Improvements	4105	3620, 3701, 3950	72-73
Scholls Ferry Rd (Roy Rogers-Teal) Waterline & Sanitary Improvements	4106	3620, 3850, CWS	74
Sexton Mountain Pump Station Upgrade, Phase 2	4078B	3701	67
Sexton Mtn 5MG Reservoir Mixing Improvements	4097	3701	70
Sorrento Pump Station & Meridian Pump Station Upgrades	4079	3620	68
South Central Area "D/F" Utility Improvements	6074	3850, CWS	84
South Central "H" (East of Alger Ave) Sanitary & 5th St (Alger Ave – Hwy 217) Waterline Improvements	6067	3701, 3620, 3850, CWS	82
South Cooper Mountain Infrastructure Study	6083	101, 3620, 3811, 3915	88
South Plaza at The Round Improvement	3516	001	34
Standpipe (1.75 MG Reservoir) Maintenance	4095	3701	69
Traffic Calming Project (Annual)	3189	101	54
Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment	3321	114	51

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CITY OF BEAVERTON
CAPITAL IMPROVEMENTS PLAN (CIP)
FOR FY 2012-13 AND FY 2013-14

FINANCIAL PLAN

CONTENTS:

- Civic, Transportation & Street Projects
- Water Projects
- Sanitary Sewer Projects
- Storm Drainage Projects

City of Beaverton
CIP Financial Plan - Street Projects
FY 12-13 Recommended

Projects			Funding Sources: General Fund	101 Street Const.	101 Street Overlay	114 TIF Fund	114 TDT	IGA, Grants Storm Fund	Total for Fiscal Year
Estimated Balance, 07/01/12			252,236	3,210,882	0	5,033,361	1,320,766	0	9,817,245
Proposed Additional Resources			384,000	(212,771)	1,700,000	13,034	218,685	751,000	2,853,948
Total Available in FY 12/13			**636,236**	**2,998,111**	**1,700,000**	**5,046,395**	**1,539,451**	**751,000**	**12,671,193**
CIP #	Proj #								
Street Capital Improvement Projects:									
3189	3189	Traffic Calming		40,000					40,000
3192	3192	Hocken Bridge, North of Light Rail				795,000		600,000	1,395,000
3200	3200	Adaptive Traffic Signal Expansion (City's match /ODOT Grant = $750,159)				30,000			30,000
3223	3223	Traffic Enhancement Projects 155th Ave (Hart Rd - Cynthia Ct) Traffic Calming	50,000						50,000
3225	3225	155th Ave Sidewalk Improvements (Sexton Mtn Dr to Flagstone Dr)		60,000					60,000
3226		Misc. Transportation Improvements		60,000					60,000
3316	3316	Rose Biggi - Crescent to Hall (City's match for ROW. ODOT Grant = $2,758,238)				2,146,000			2,146,000
3317	3317	Dawson Street Extension To Hocken Ave					120,000		120,000
3318	3318	Birchwood Rd Sidewalk Improvements (Laurelwood Ave to 87th Ave)		100,000					100,000
3319	3319	Henry/Hocken Curb and Sidewalk Retrofit		25,000					25,000
3320	3220	Hall Creek (114th-117th) Pathway Enhancement (Metro IGA Total $354,000)		175,000				61,000	236,000
3321	3321	Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection realignment (Investigation only)				30,000			30,000
3407	3407	Crescent Connection Multi-use Path (ODOT Flexible Funds Grant $1,200,000)		87,000					87,000
Street Overlay & Maintenance Projects:					1,700,000				1,700,000
Facility, Civic & Cultural Projects:									
3515	3515A	Broadway Streetscape Imp. Ph 2	230,000					90,000	320,000
3516	3516	South Plaza at the Round	154,000						154,000
Total Project Cost FY 12/13			**434,000**	**547,000**	**1,700,000**	**3,001,000**	**120,000**	**751,000**	**6,553,000**
		Less operating contingency		**1,066,704**					
		Less equipment replacement reserve		**584,290**					
Estimated Ending Balance @ 6/30/2013			**202,236**	**800,118**	**0**	**2,045,395**	**1,419,451**	**0**	**4,467,200**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Street Projects
FY 13-14 Proposed

Projects			Funding Sources: General Fund	101 Street Const.	101 Street Overlay	114 TIF Fund	114 TDT	Grants or Storm Fund	Total for Fiscal Year
Estimated Balance, 07/01/13			202,236	800,118		2,045,395	1,419,451		4,467,200
Proposed Additional Resources			699,011	0	1,000,000	0	200,000	2,118,000	4,017,011
Total Available in FY 13/14			**901,247**	**800,118**	**1,000,000**	**2,045,395**	**1,619,451**	**2,118,000**	**8,484,211**
CIP #	Proj #								
Street Capital Improvement Projects:									
3192	3192	Hocken Bridge, North of Light Rail				635,000		600,000	1,235,000
3318	3318	Birchwood Rd (Brentwood Rd-87th Ave) Sidewalk		30,000					30,000
3320	3320	Hall Creek (114th-117th) Pathway Enhancement (Metro IGA Total $354,000)		124,000				293,000	417,000
New	5080	Crescent St (Rose Biggi Ave to Westgate Dr) Connection				50,000			50,000
3407	3407	Crescent Connection Multi-use Path (ODOT Flexible Funds Grant $1,200,000/MSTIP $250K)		108,000					108,000
3189	3189	Traffic Calming		40,000					40,000
3316	3316	Rose Biggi - Crescent to Hall (City's Construction match to ODOT)				30,000			30,000
3226		Misc Transportion Improvements		60,000					60,000
Street Overlay & Maintenance Projects:					1,000,000				1,000,000
Facility, Civic & Cultural Projects:									
3514	3514	Surface Parking at 1st and Main (Possible)	203,000						203,000
3515	3515B	Broadway Streetscape Imp., Ph 3	343,000						343,000
3516	3516	South Plaza at the Round	102,000					250,000	352,000
New	5083	Bike Facilities - Civic Plan		75,000					75,000
Possible Future Grant Projects:									
New	5082	Canyon Rd Reconstruction - Civic Plan		50,000				500,000	550,000
	3310A	Creek Project #1						60,000	60,000
	3310B	Creek Project #2						15,000	15,000
	5084	Concept Plan Infrastructure/Transportation Analysis						400,000	400,000
	5085	Neighborhood Stabilization Program	50,000						50,000
Total Project Cost FY 13/14			**698,000**	**487,000**	**1,000,000**	**715,000**	**0**	**2,118,000**	**5,018,000**
Estimated Ending Balance @ 6/30/2014			**203,247**	**313,118**	**0**	**1,330,395**	**1,619,451**	**0**	**3,466,211**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Water
FY 12/13 Recommended

Projects			Funding Sources: SDC	Funding Sources: Grants, IGA	Funding Sources: Maint. & Repl.	Total for Fiscal Year
Estimated Beginning Balance 07/01/2012			1,538,540			1,538,540
Estimated addit'l Resources for FY 12/13			450,750		2,102,580	2,553,330
Total Available in FY 12/13			**1,989,290**	**0**	**2,102,580**	**4,091,870**
Projects in FY 12/13						
CIP#	Proj #					
3620		Water Extra Capacity Projects				
	4105	Scholls Ferry Road-Fanno Creek Bridge - Waterline Relocation	60,000			60,000
	6067	5th Street (SC "H") Waterline Improvement (Alger Ave. to Griffith Drive; Griffith Dr to 217)	225,000			225,000
	6076	Belaire Utility Improvements, Phase 1	55,000			55,000
	3225	155th Avenue Waterline (Sexton Mt. Dr. to Flagstone Dr.) 1,000 LF of 12"	50,000			50,000
	4021D	ASR Well No. 5	50,000			50,000
	4018	Wellhead Protection (ASR)	5,000			5,000
	4006	Water System Telemetry (annual upgrade project)	40,000			40,000
	4024	Water Extra-Capacity Projects	50,000			50,000
	3317	Dawson Way Extension at Hocken Avenue, 167 LF of 12"	9,000			9,000
	6083	South Cooper Mt. Infrastructure Study (Metro UGB)	25,000			25,000
	4106	Scholls Ferry Road Improvement (Wa. Co.) - 24" Waterline Extension (Loon to Roy Rogers)	100,000			100,000
	3316	Rose Biggi Avenue (Hall to Crescent) 12" Waterline, 1,586 LF	244,000			244,000
	6063	Royal Woodlands West Utility Improvement	10,000			10,000
		Program Total - 3620				923,000
3635	3635	JWC ASR Phase III	47,000			47,000
Maintenance & Replacement (1)						
3611		JWC Projects			436,795	436,795
3700		Annual Water Line Maint. & Replacement Program			100,000	100,000
3701		Water System Improvements			1,485,785	1,485,785
3705		Fire Hydrant Replacement Program			80,000	80,000
Total Project Cost in FY 12/13			**970,000**	**0**	**2,102,580**	**3,072,580**
Estimated Ending Balance @ 6/30/13			**1,019,290**	**0**	**0**	**1,019,290**

(1) See Water Operating Fund Projects for detail.

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Water
Maintenance & Replacement Projects Detail
FY 12/13 Recommended

Projects		Project Cost	Total for FY
CIP#	**Proj #**		
3611	Joint Water Commission Projects		
	3611 Water Rights Consultant of Record (JWC-0, #10410)	17,500	
	3611 Panel Upgrades (Electrical, JWC-02)	145,000	
	3611 JWC Filtration Pilot Study (JWC-05)	26,320	
	3611 Transm. Line Corridor Control (Veg. Mgt., JWC-03, #10590)	9,225	
	3611 Fern Hill Rechlorination System (JWC-07)	62,500	
	3611 Source Water Protection	13,750	
	3611 Pump Station #1 Valve Replacement	62,500	
	3611 Replace Hydropneumatic Actuators on Filters	50,000	
	3611 Filter 9-14 Influent Valve Replacement	50,000	
			436,795
3700	Annual Water Line Maintenance & Replacement Projects		
	4017 Water System Hydraulic Modeling, Mapping, etc.	50,000	
	4031 Small Works - Misc. Maintenance & Replacement	50,000	
	Program Total - 3700		100,000
3701	Water System Improvements		
	4097 Sexton Mountain 5 MG Reservoir Mixing Improvements	60,000	
	4078B Sexton Mountain Pump Station Upgrade	50,000	
	4079 Sorrento Pump Station & Meridian PS Upgrades	190,000	
	4103 Normandy Place/Sherwood Place 250 LF of 6"	35,000	
	4060 Water System Security Upgrades	20,000	
	4031 Small Works - Misc. Maintenance & Replacement	50,000	
	6072 Main Avenue Improvements (2nd St to 7th St) 1,300 LF of 8"	175,000	
	6067 5th Street Waterline Improvement (Alger to 217, South Central H)	30,953	
	6072 SW 3th & 4th Street Waterline Improvements (Stott to Watson) 1,160 LF of 6"	330,000	
	4021 ASR Consultant Support	40,000	
	4095 Standpipe (1.75 MG) Maintenance	250,000	
	4105 Scholls Ferry Road-Fanno Creek Bridge - Waterline Relocation	254,832	
	Program Total - 3701		1,485,785
3705	4001 Fire Hydrant Replacement Program	80,000	80,000

City of Beaverton
CIP Financial Plan - Water
FY 2013/14 Proposed

Projects		Funding Sources: SDC	Bond Proceeds	Maint. & Repl.	Total for Fiscal Year
Estimated Beginning Balance 07/07/2013		1,019,290			1,019,290
Estimated addit'l Resources for FY 2013/14		350,000		1,540,000	1,890,000
Total Available in FY 2013/14		**1,369,290**	**0**	**1,540,000**	**2,909,290**
Projects for FY 2013/14					
3620	Water Extra Capacity Projects				
4006	Water System Telemetry (annual upgrade project)	25,000			25,000
6072	Main Avenue - 2nd Street to 5th Street (900 LF of 12")	180,000			180,000
3302E	Farmington Road Waterline Improvement (148th to Menlo), 3,200 LF of 16"	140,000			140,000
4058	Upper Elevation (Cooper Mt.) Storage Siting Evaluation	100,000			100,000
6083	South Cooper Mt. Infrastructure Plan (Metro UGB)	100,000			100,000
	Water Extra-Capacity Projects	100,000			100,000
	Program Total - 3620				645,000
3635	3635 JWC Capacity Projects	100,000			100,000
Maintenance & Replacement					
3611	JWC Projects			430,000	430,000
3700	Annual Water Line Maint. & Replacement Program			100,000	100,000
3701	Water System Improvements			930,000	930,000
3705	Fire Hydrant Replacement Program			80,000	80,000
	Total Project Cost in FY 2013/14	**745,000**	**0**	**1,540,000**	**2,285,000**
Estimated Ending Balance @ 6/30/2014		**624,290**	**0**	**0**	**624,290**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Water
Maintenance & Replacement Projects Detail
FY 2013/14 Proposed

CIP#	Proj #	Projects	Project Cost	Total for FY
3611		JWC Projects	430,000	
				430,000
3700		Annual Water Line Maintenance & Replacement Projects		
		Small Works - Misc. Maintenance & Replacement	100,000	
		Program Total - 3700		100,000
3701		Water System Improvements		
	4060	Water System Security Upgrades	20,000	
	4060	Water System Security Upgrades	40,000	
	6063	Chestnut Avenue Waterline Upgrade, Pinehurst Dr. to Royal Woodlands Dr. (700 LF of 8" DIP)	110,000	
	6063	Royal Woodland Drive Waterline Upgrade, Jamieson Road to Elm Avenue (1,250 LF of 8" DIP)	200,000	
	6063	Chestnut Ave - Oak Street to Elm Avenue (1,150LF of 8" DIP)	185,000	
	6063	Chestnut Ave, Oak St. to Pinehurst Dr. (700 LF of 8" DIP)	100,000	
	4078B	Sexton Mt. Pump Station Upgrade, Phase 3, design	75,000	
	4079	Sorrento Pump Station Pump Replacement	100,000	
	4079	Meridian Pump Station Replacement, design	100,000	
		Program Total - 3701		930,000
3705		Fire Hydrant Replacement Program	80,000	80,000

City of Beaverton
CIP Financial Plan - Sewer
FY 12-13 Recommended

Projects	Funding Sources			Total for Fiscal Year
	SDC	Renewal & Rehab	IGA w/CWS	
Estimated Beginning Balance, FY 2012/13	2,982,318	809,141		3,791,459
Estimated Additional Resources, FY 2012/13	64,730	788,990	1,572,323	2,426,043
Total Available in FY 12/13	**3,047,048**	**1,598,131**	**1,572,323**	**6,217,502**
Projects for FY 12/13				
CIP# Proj #				
3811 SDC Projects:				
6076 Belaire Subd Utility Improv. Phase 1	66,000			66,000
6063 Royal Woodlands West Utility Improvement	15,000		15,000	30,000
6083 So. Cooper Mtn. Infrastructure Study	40,000			40,000
Program 3811 Total				136,000
3850 Rehab Projects:				
6067 South Central 'H' (Alger Trunk diversion, 5th E of Alger)		49,254	225,323	274,577
6076 Belaire Subd Utility Improv. Phase 1		278,000	402,000	680,000
6072 Main Ave Sewer Renewal Project (7th to Farmington)		200,000	200,000	400,000
6063 Royal Woodlands West Utility Improvement		30,000	30,000	60,000
6074 South Central Area D/F Utility Imp.		430,000	420,000	850,000
6082 Arctic to 107th Sanitary Sewer Rehab		50,000	250,000	300,000
4106 Scholls Ferry Road Improvement (Wa. Co.) - 27" Sanitary Sewer Extension (Loon to Roy Rogers)			30,000	30,000
Program 3850 Total				2,594,577
Total Project Costs in FY 12-13	**121,000**	**1,037,254**	**1,572,323**	**2,730,577**
Less Vehicle Replacement Reserve		**(65,832)**		
Estimated Ending Balance @ 6/30/2013	**2,926,048**	**495,045**	**0**	**3,421,093**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Sewer
FY 2013/14 Proposed

	Projects	Funding Sources: SDC	Renewal & Rehab	IGA w/CWS	Total for Fiscal Year
	Estimated Beginning Balance, 07/01/2013	2,926,048	495,045		3,421,093
	Estimated Additional Resources, FY 2013/14	50,000	800,000	13,732,460	14,582,460
	Total Available in FY 2013/2014	**2,976,048**	**1,295,045**	**13,732,460**	**18,003,553**
	Projects for FY 2013/14				
	SDC Projects:				
3811					
6054B	Dale Ave (17th-22nd Ave) Sanitary Sewer Improvement (COB MP ER-02)	113,000		113,000	226,000
6079	Dale Ave & 22nd Ave Sanitary Sewer Upsize, (Hall Boulevard Lateral, CWS R-270)	150,000		150,000	300,000
6080	Erickson Trunk Upsizing Project (Farmington Rd-144th Ave), [Beaverton Interceptor, CWS R-120]			1,350,000	1,350,000
6081	Tektronix Trunk (Jenkins Rd-Hall Blvd) Upsize (CWS D-510)			122,000	122,000
3302F	Farmington Trunk Improvement - Menlo to Murray (COB MP FA-01)			523,000	523,000
6078	Erickson Trunk Upsize - 6th Street to 10th Street, (Hall Boulevard Lateral and Trunk, CWS R-100, COB MP ER-04)			998,000	998,000
	Beaverton Interceptor (CWS R-120)			1,500,000	1,500,000
	Scholls Trunk (CWS D-310)			320,000	320,000
	Scholls Trunk (CWS D-320)			1,490,000	1,490,000
	Scholls Trunk (CWS D-330)			4,100,000	4,100,000
	Scholls Trunk (CWS D-335)			2,160,000	2,160,000
6083	South Cooper Mt. Development Infrastructure Plan (Metro UGB)	50,000			50,000
	In-House Engineering Overhead	65,000			65,000
	Program 3811 Total				13,204,000
	Rehab Projects:				
3850					
6044	Royal Woodlands East Utility Improvements (COB MP "R")		306,460	306,460	612,920
6063	Royal Woodlands West Utility Improvements, (COB MP "Q")		600,000	600,000	1,200,000
	In-House Engineering Overhead		65,000		65,000
	Program 3850 Total				1,877,920
	Total Project Costs in FY 2013/14	**378,000**	**971,460**	**13,732,460**	**15,081,920**
	Estimated Ending Balance @ 6/30/2014	**2,598,048**	**323,585**	**0**	**2,921,633**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

City of Beaverton
CIP Financial Plan - Storm Drain
FY 12-13 Recommended

	Funding Sources					
	SDC			Maint.&	Grant	Total for
	Conveyance	Quantity	Quality	Repl.	Funding	Fiscal Year
Estimated Beginning Balance @ 07/01/12	2,362,021	563,755	209,035	2,999,861		6,134,672
Estimated Additional Resources for FY 12-13	210,430	12,489	20,923	663,177	190,900	1,097,919
Total Available in FY 12-13	2,572,451	576,244	229,958	3,663,038	190,900	7,232,591
CIP# Proj#						
3915 Storm Water Conveyance Project, SDC						
3192 Hocken Bridge (final ROW, Plans Looking for matching funds)	600,000		(Transfer 814 TO 3192)		0	600,000
6082 SW 11th and 107th conveyance pipe increase	270,000					270,000
3320 Hall Creek Enhancment - 114th to 117th	41,000				41,000	82,000
8023 Strategic drainage (buffer) easement/property acquisition	10,000					10,000
8113 Small Works Projects, Eng. Svcs., and In-house OH Charges	70,000					70,000
6083 So. Cooper Mtn. Infrastructure Study	10,000					10,000
Program 3915 Total						1,042,000
3916 Storm Water Quantity Project, SDC						
8113 Small Works Projects, Eng. Svcs., and In-house OH Charges		7,000				7,000
Program 3916 Total						7,000
3917 Storm Water Quality Project, SDC						
8109 BH Hwy at Griffith Dr Outfall Retrofit (proceeds only if ODOT grant awarded)			37,100		149,900	187,000
8111 11600 SW Canyon Rd WQ Swale			75,000			75,000
8104 Pre-treatment Retrofit: Murray & Oleson Rd Storm filters (Const site 1 & 2, Eng Site 3)			50,000			50,000
8113 Small Works Projects, Eng. Svcs., and In-house OH Charges			22,000			22,000
Program 3917 Total						334,000
3950 Maintenance & Replacement Program						
8098B Dover Lane North-- Storm drain pipe replacement				440,000		440,000
8098A Dover Lane South-- Storm drain pipe replacement				33,000		33,000
8106 Little People's Park Storm Detention Pond Maint and Rehab				240,000		240,000
8102 Storm Conduit and CB Repair on Overlay Streets - Main Ave , Etc				140,000		140,000
8112 102nd Ave S of Heather Ln Storm Drain Replacement				90,000		90,000
8115 139th Ave Storm Maintenance Access with pre-treatment Manhole				50,000		50,000
8114 Creek Debris Screen Replacements, 117th at Hall Ck, Greenbrier, Etc				40,000		40,000
8085 Priority Catch Basin Repl (Sags) with less clogging Design 5 ea				35,000		35,000
8023 Strategic drainage (buffer) easement/property acquisition				10,000		10,000
6076 Belaire Utility Repairs				65,000		65,000
8113 Small Works Projects, Eng. Svcs., and In-house OH Charges				160,000		160,000
4105 Scholls Bridge at Fanno Creek Storm Filters (MSTIP Proj Opportunity)				134,000		134,000
Program 3950 Total						1,437,000
3310 3310 Beaverton Downtown Creek Master Planning				350,000		350,000
Total Project cost in FY 12/13	1,001,000	7,000	184,100	1,787,000	190,900	3,170,000
Less Equipment Replacement Reserve				(220,559)		
Estimated Ending Balance @ 6/30/13	1,571,451	569,244	45,858	1,655,479	0	3,842,032

Note: Shaded projects are to be completed by city workers, application or installation of materials only.
Grant funding shown is assumed. No grant funding has been secured as of date shown above.

City of Beaverton
CIP Financial Plan - Storm Drain
FY 13-14 Proposed

		Funding Sources					
		SDC			Maint.&	Grant	Total for
		Conveyance	Quantity	Quality	Repl.	Funding	Fiscal Year
Estimated Beginning Balance @ 07/01/2013		1,571,451	569,244	45,858	1,655,479		3,842,032
Estimated Additional Resources for FY 2013/14		200,000	12,000	20,000	650,000		882,000
Total Available in FY 2013/14		**1,771,451**	**581,244**	**65,858**	**2,305,479**	**0**	**4,724,032**
CIP#	**Proj#**						
3915	Storm Water Conveyance Project, SDC						
	Stormwater Conveyance projects from multi-year List	140,000				0	140,000
	Strategic drainage (buffer) easement/property acquisition	10,000					10,000
	8100 Small Works Projects, Eng. Svcs., and In-house OH Charges	60,000					60,000
	Program 3915 Total						210,000
3916	Storm Water Quantity Project, SDC						
	Stormwater Detention Facility Repair/Retrofit: Misc locations		30,000				30,000
	8100 Small Works Projects, Eng. Svcs., and In-house OH Charges		11,000				11,000
	Program 3916 Total						41,000
3917	Storm Water Quality Project, SDC						
	8100 Small Works Projects, Eng. Svcs., and In-house OH Charges			16,000			16,000
	Program 3917 Total						16,000
3950	Maintenance & Replacement Program						
	6063 Royal Woodlands Water, Sewer and Storm Utility Replacement				430,000		430,000
	8089A Dover Lane South-- Storm drain pipe replacement				380,000		380,000
	Misc imprmts (MSTIP Scholls Ferry Road, Teal to Roy Rogers Proj				45,000		45,000
	8085 Priority Catch Basin Repl (Sags) with less clogging Design 5 ea				35,000		35,000
	8101 Master Planning - Multi-year List of Storm Conduit Repair Projects				100,000		100,000
	8102 Storm Conduit and CB Repair, Overlay Prog driven				95,000		95,000
	8104 Pre-treatment Retrofit: 6775 Murray Rd Storm filter				49,000		49,000
	Strategic drainage (buffer) easement/property acquisition				10,000		10,000
	8100 Small Works Projects, Eng. Svcs., and In-house OH Charges				80,000		80,000
	Program 3950 Total						1,224,000
3310	3310 Beaverton Downtown Creek Master Planning						0
	Total Project cost in FY 13/14	**210,000**	**41,000**	**16,000**	**1,224,000**	**0**	1,491,000
	Less Equipment Replacement Reserve						
Estimated Ending Balance @ 6/30/2014		**1,561,451**	**540,244**	**49,858**	**1,081,479**	**0**	**3,233,032**

Note: Shaded projects are to be completed by city workers, application or installation of materials only.
Grant funding shown is assumed. No grant funding has been secured as of date shown above.

CITY OF BEAVERTON
CAPITAL IMPROVEMENTS PLAN (CIP)
FOR FY 2012-13 AND FY 2013-14

FY 2012-13 PROJECT DESCRIPTIONS (PROJECT DATA SHEETS)

CONTENTS:

- Facility, Civic, and Cultural Project Data Sheets
- Transportation Project Data Sheets
- Miscellaneous Transportation Project Data Sheets
- Street Rehabilitation Program
- Water Project Data Sheets
- Sanitary Sewer Project Data Sheets
- Storm Drainage Project Data Sheets

Notes:

1. On all project data sheets, the "Estimated Project Cost" figure shown is the total estimated cost for the project over its entire duration, which may be more than one fiscal year. Multi-fiscal year projects are identified by an asterisk beside their project names.

2. Project budgets shown on the project data sheets may not match the Finance sheets (pages 16-25) because the project data sheets reflect the most current budget information on each project. The Finance sheets are current through May 14, 2012 while the project data sheets are current through June 5, 2012. Changes can occur due to bid openings and adjustments to the project schedule.

Facility, Civic and Cultural Projects
FY 2012-2013

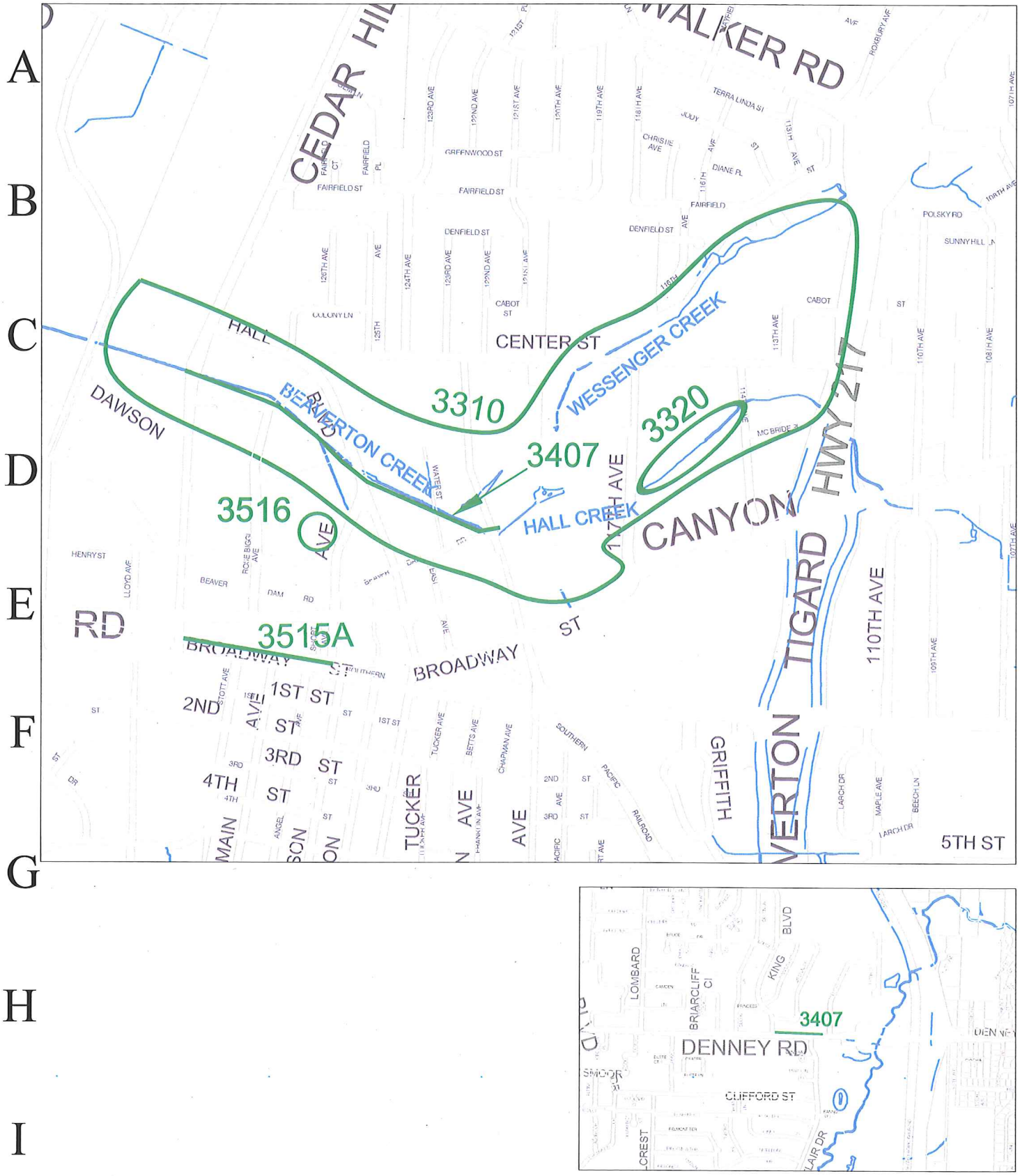
Facility, Civic & Cultural Projects

Project Descriptions and funding can be found in the following section.

Project No.	Project Name	Map Location
3310*	Beaverton Downtown Creek Master Planning	D4
3320*	Hall Creek Water Quality and Pathway (114th-117th) Enhancement	D5
3407*	Crescent Connection Multi-Use Path	D2 & H6
3515A	Broadway Streetscape Improvements Phase 2	E2
3516*	South Plaza at The Round Improvement	D2

* Denotes multi-year project

Facility, Civic & Cultural Projects FY 2012-2013



City of Beaverton
2012-2013 CIP

Project Data

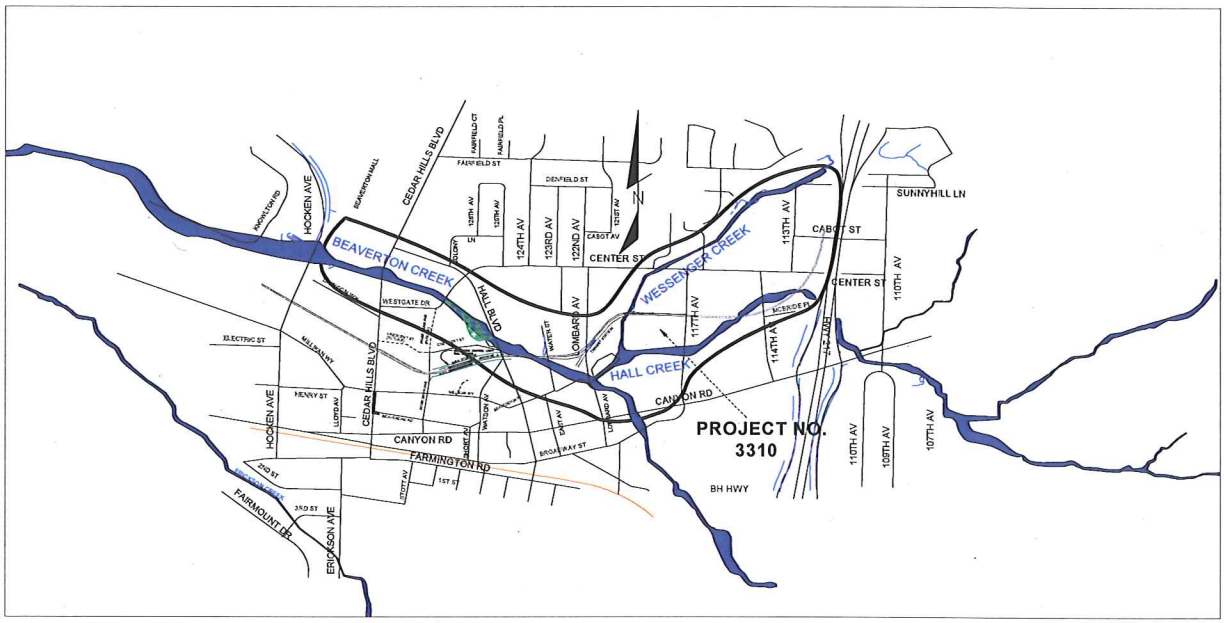
Civic

Project Number: 3310

Project Name: Beaverton Downtown Creek Master Planning

Project Description: The Beaverton Downtown Creek Master Plan concept is an effort to explore the potential of elevating the presence of creeks as an urban amenity within the City's downtown. The effort would focus on creating an interconnected waterway to improve water quality, wildlife habitat, provide flood relief, and to create an urban open space and trail network. The project would provide a regional solution to stormwater challenges in the downtown and would create additional development opportunities.

Map:



Project Justification: A unique quality of Beaverton is the confluence of three creeks right in the heart of the City. The idea of enhancing the City's creek and open space network has been suggested by the public and is one of the actions resulting from the Beaverton Community Vision project.

Project Status: FY10/11: Complete a preliminary analysis of portions of the downtown creek system, its current state and conceptual plans for how the waterways and surrounding properties might be revitalized. FY11/12: City awarded HUD Community Challenge grant in Nov 2011. City advertised in May 2012 for consultant proposals to develop the Creekside District Master Plan. FY12/13: Begin development of the Downtown Creeks Natural Resource Plan.

Estimated Date of Completion: 06/30/2014

Estimated Project Cost: $550,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3310	3950	Storm Maint/Replacement	$350,000	FY2012/13
		Total for FY:	$350,000	

City of Beaverton
2012-2013 CIP

Project Data

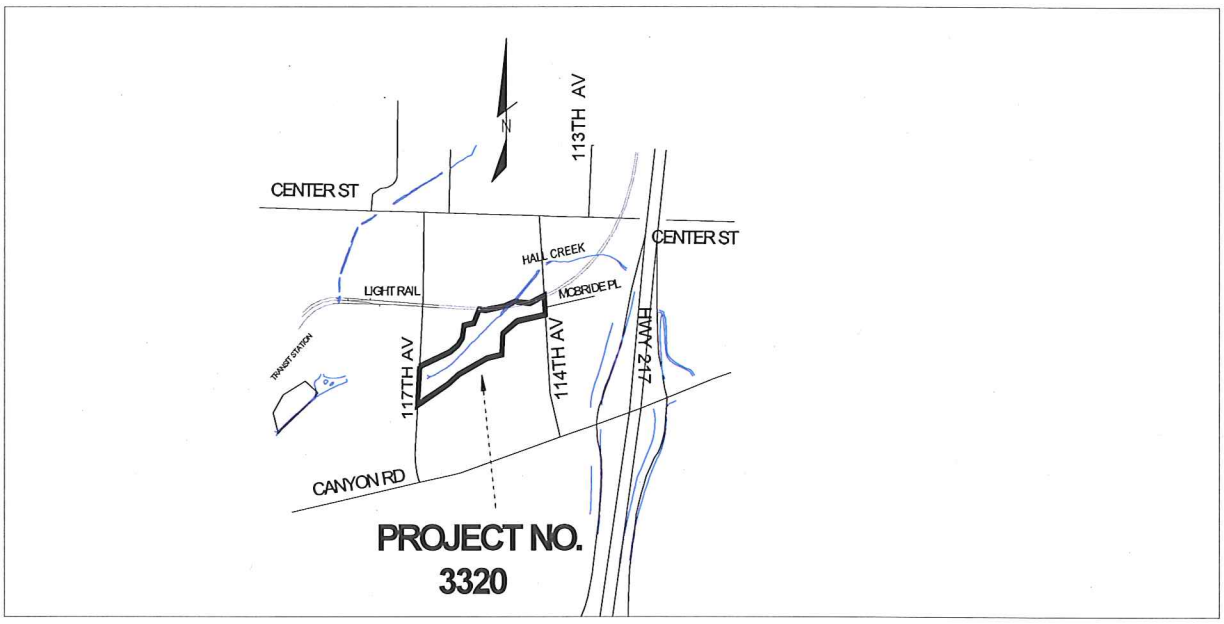
Civic

Project Number: 3320

Project Name: Hall Creek Water Quality and Pathway (114th-117th) Enhancement

Project Description: The purpose of the project is to enhance Hall Creek from 114th Avenue to 117th Avenue as part of the Metro Nature in the Neighborhood Capital program. The scope of work includes grading to reduce erosion of the stream banks, removal of invasive plants, removal of some impervious surface, repair of existing stormwater infrastructure, bank stabilization, path realignment, swales, rain gardens, vegetative enhancement, and interpretive signage.

Map:



Project Justification: Implements a portion of the Three Creeks plan identified in the Central City Strategy of the Beaverton Civic Plan. Goals of the project are to alleviate flooding on private property, improve stormwater runoff quality, improve safety for pedestrians and bicyclists, provide a green space that the community can enjoy, and present an example of how a creek can satisfactorily fit into an urban area. This project responds to Community Vision Action Plan (CVAP) #56 complete bike/pedestrian network and #100 build an interconnected pedestrian greenway system.

Project Status: City submitted a letter of interest in Nov 2011. City submitted full project application to Metro on 1-9-12. Metro grant committee visited site 2-17-12. Grant approved 3-22-12.

Estimated Date of Completion: 11/29/2013

Estimated Project Cost: $1,073,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3320	101	Street Fund	$236,000	FY2012/13
	3915	Storm SDC Conveyance	$82,000	FY2012/13
	Metro	Capital Grant	($102,000)	FY2012/13
		Total for FY:	$216,000	

City of Beaverton
2012-2013 CIP

Project Data

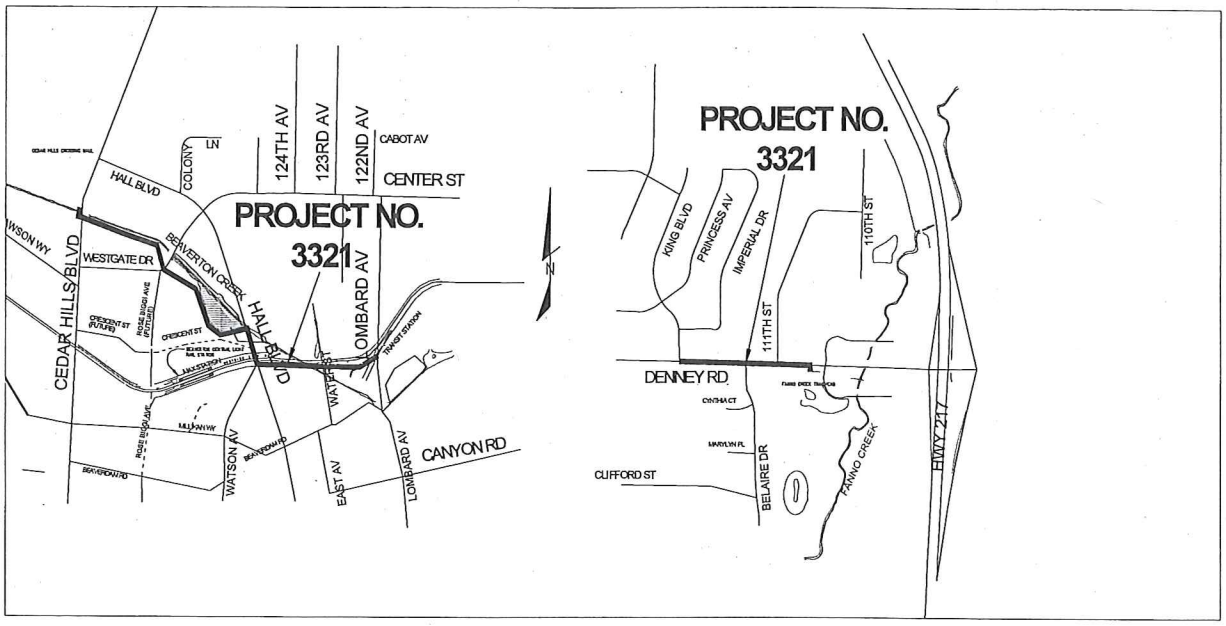
Civic

Project Number: 3407

Project Name: Crescent Connection Multi-Use Path

Project Description: This is an ODOT Flexible Funds and federal aid project. The corridor begins at the Fanno Creek Trail head at Denney Rd and runs north to the Beaverton Transit Center, accessing WES Commuter Rail, the entire MAX system, and numerous bus lines. This project will provide a shared use path on the north side of Denney Rd to King Blvd that will connect to bike boulevards on King Blvd, Alger Ave, and 11th St and to existing bike lanes and shared bikeways on 5th St and Lombard Ave to the Beaverton Transit Center. From the transit center, the project will build the Beaverton Creek Trail west to Beaverton Central MAX station at The Round and further west to Cedar Hills Blvd.

Map:



Project Justification: The intent of the ODOT Flexible Funds program is to fund sustainable non-highway projects that positively impact modal connectivity, the environment, mobility and access, livability, energy use, and the overall operation of the transportation system. It is also to create livable and sustainable communities that provide safe, comfortable, and convenient travel options that encourage active living, provide equitable options for accessing housing, jobs, services, educational, and recreational opportunities, enhance the quality of experience on the transportation system, increase livability, and provide health benefits.

This project responds to Community Vision Action Plan #18 establishing sidewalks and bikeways, #100 paths and greenways, and #101 establish Beaverton Creek as an urban amenity.

Project Status: FY12-13: Complete IGA with ODOT, select consultant for design services, and begin design.

Estimated Date of Completion: 13/31/2014

Estimated Project Cost: $2,756,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3407	101	Street Fund	$87,000	FY2012/13
	Federal-Flex	ODOT Flexible Funds (Federal)	$350,000	FY2012/13
		Total for FY:	$437,000	

City of Beaverton
2012-2013 CIP

Project Data

Civic

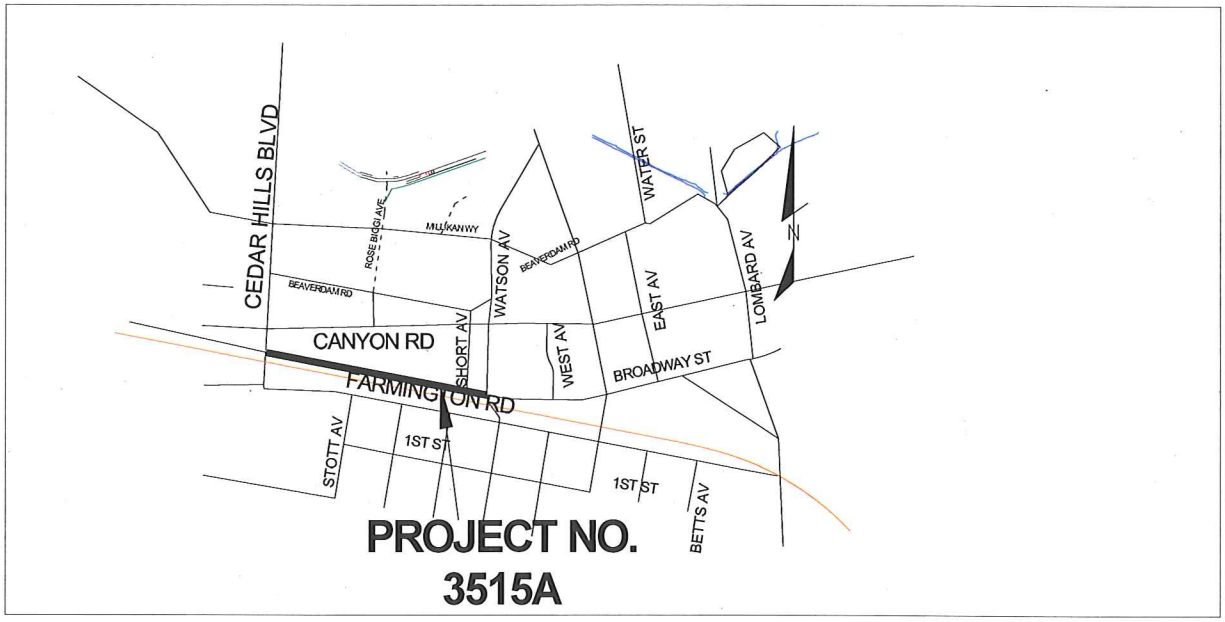
Project Number: 3515A

Project Name: Broadway Streetscape Improvements Phase 2

Project Description: Phase 2 (FY2012-13) - Watson to Cedar Hills Blvd: Design and construct the physical changes recommended in Phase 1.

Phase 3 (FY2013-14) and Phase 4 (FY2014-15) - Design and construct the physical changes recommended in Phase 1.

Map:



Project Justification: Beaverton's Civic Plan approved 4-12-2011 calls for improvements to Broadway that would make it a more pedestrian, bike, and business friendly environment. The plan also calls for making Broadway more suitable for community events. This project responds to Community Vision Action Plan (CVAP) #25 - create a "Look and Feel" for downtown.

Project Status: FY12-13: Survey and design the full scope of work for all phases. Construct Phase 2 improvements in the summer/fall of 2012.

Estimated Date of Completion: 10/31/2012

Estimated Project Cost: $360,000

First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3515A	001	General Fund	$230,000	FY2012/13
	Lighting	Street Lighting	$90,000	FY2012/13
		Total for FY:	$320,000	

City of Beaverton
2012-2013 CIP

Project Data

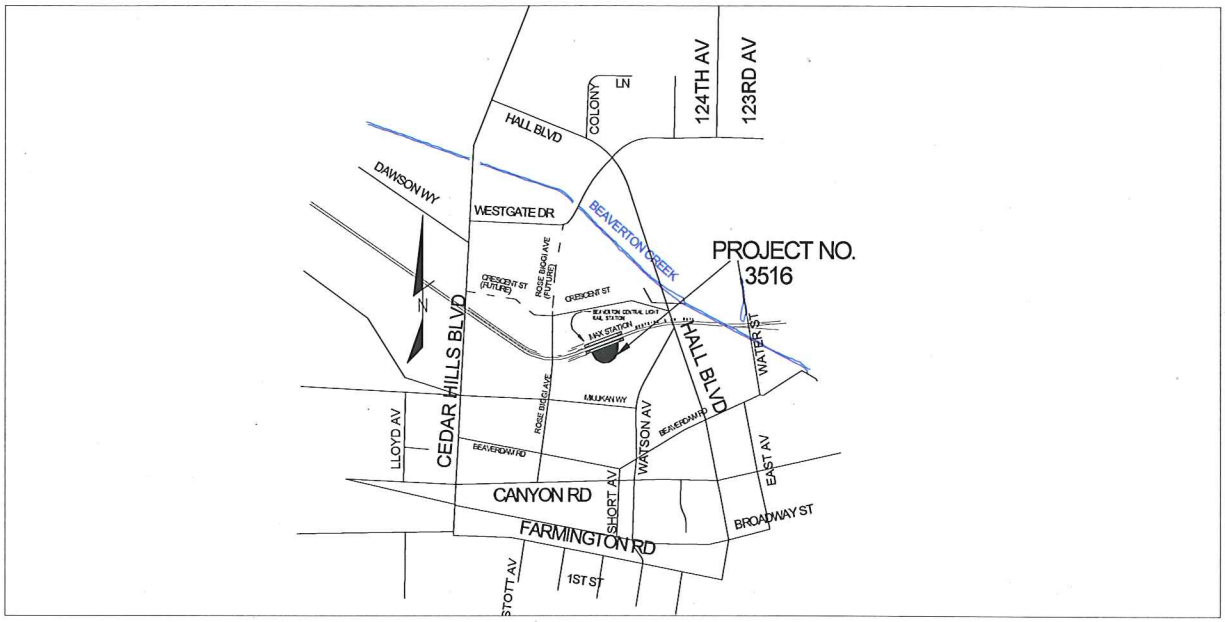
Civic

Project Number: 3516

Project Name: South Plaza at The Round Improvement

Project Description: Complete landscape and hardscape improvements within the South Plaza at The Round.

Map:



Project Justification: ScanlanKemperBard (SKB) has agreed to pay the City $250,000 in order to complete the south plaza improvements. This project responds to Community Vision Action Plan (CVAP) #12 promote public places, #34 public plazas, and #38 incorporate green spaces in downtown redevelopment.

Project Status: FY11-12: Complete refinement of the existing landscape design completed in March 2006 and begin final design. CEDD staff is managing the refinement of the landscape design and Engineering staff is managing the remainder of the project scope of work. FY12-13: Complete final design, land use permit, and PS&E (plans, specifications & cost estimate). FY13-14: Complete construction.

Estimated Date of Completion: 12/31/2013

Estimated Project Cost: $506,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3516	001	General Fund	$154,000	FY2012/13
		Total for FY:	$154,000	

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Transportation Projects
FY 2012-2013

Transportation Projects – Map Key

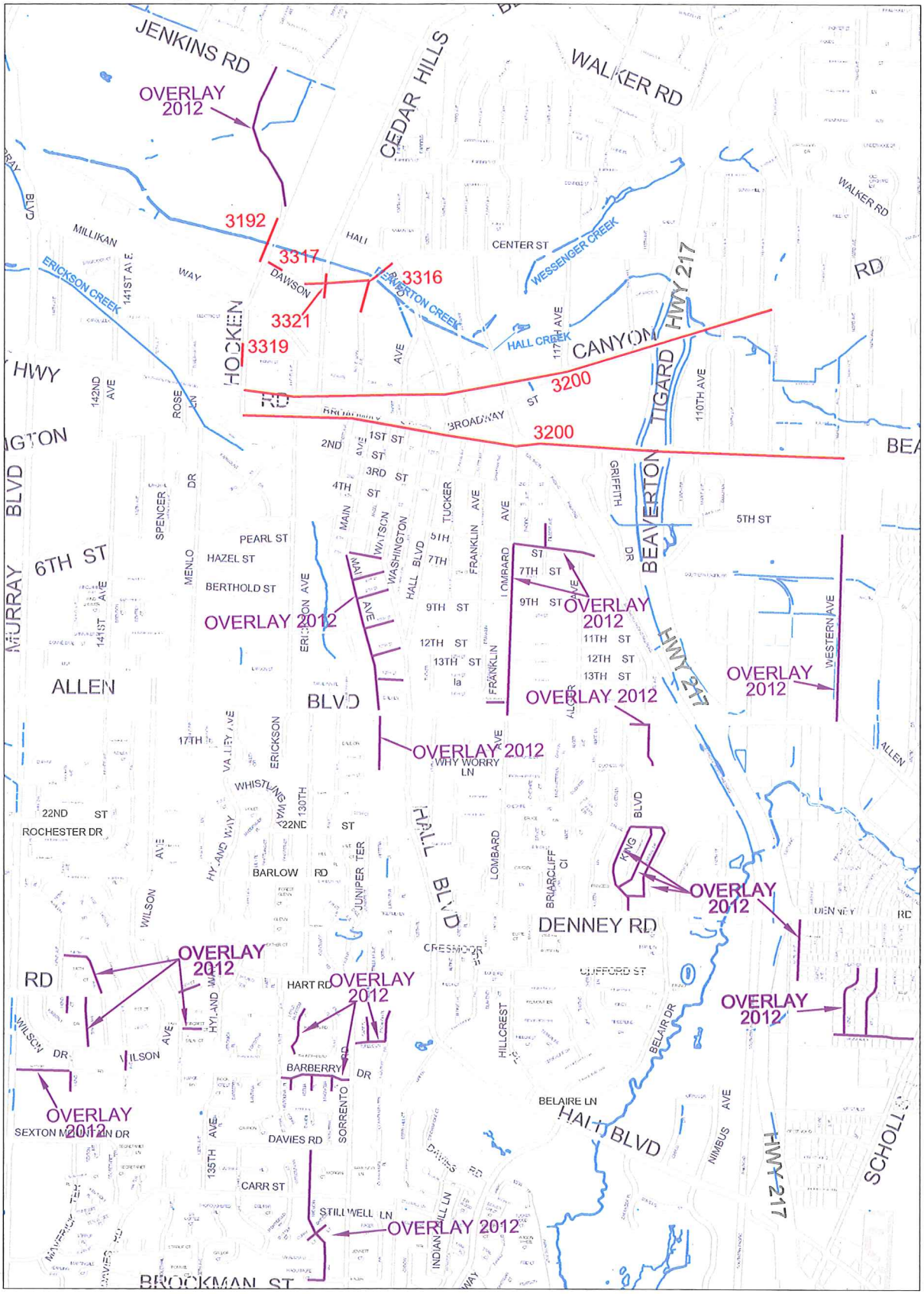
Project Descriptions and funding can be found in the following section.

Project No.	Project Name	Map Location
3192*	Hocken Ave Bridge and Street Improvements at Beaverton Creek	B3, pg 38
3200*	Adaptive Traffic Signal Expansion on BH Hwy and Canyon Rd	C5, pg 38
3225*	155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)	F2, pg 39
3316*	Rose Biggi Ave Extension (Crescent St to Hall Blvd)	B4, pg 38
3317*	Dawson Wy Extension To Hocken Ave	B3, pg 38
3318*	Birchwood Rd (Brentwood Rd-87th Ave) Sidewalk	C6, pg 39
3319*	Hocken/Henry Sidewalk & Curb Improvement	C3, pg 38
3321*	Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment	B3, pg 38
5078*	155th Ave (Hart Rd-Cynthia Ct) Traffic Calming	D2, pg 39

Miscellaneous Transportation Projects and Street Rehabilitation Projects are listed in subsequent sections of the CIP.

* Denotes multi-year project

Transportation Projects FY 2012-2013



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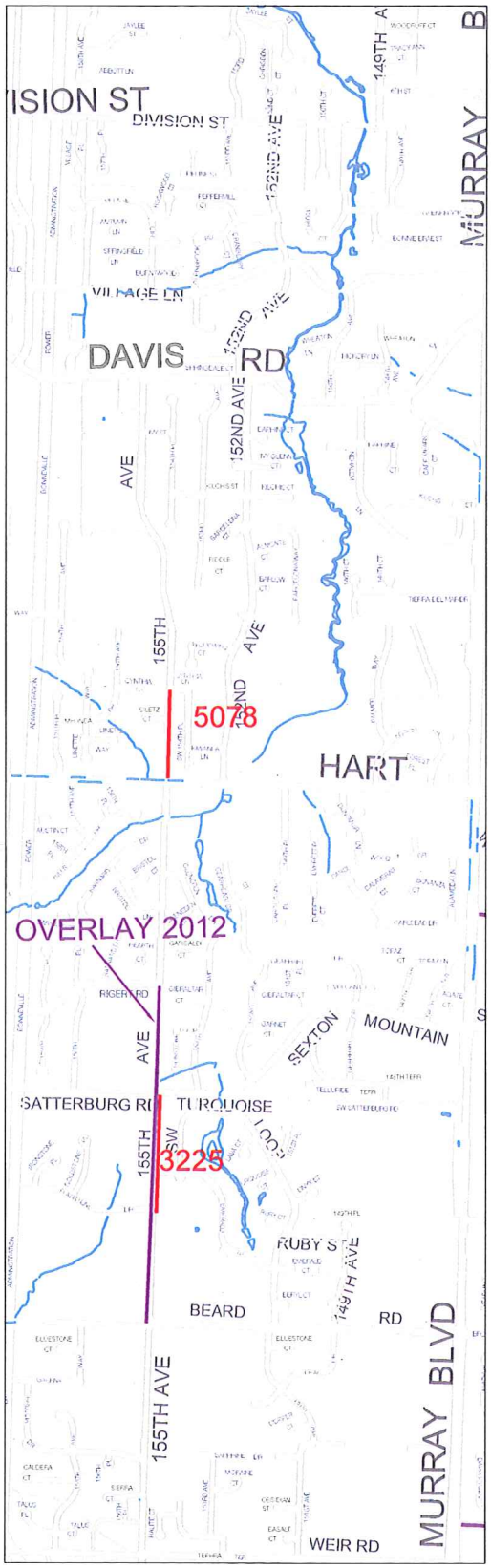
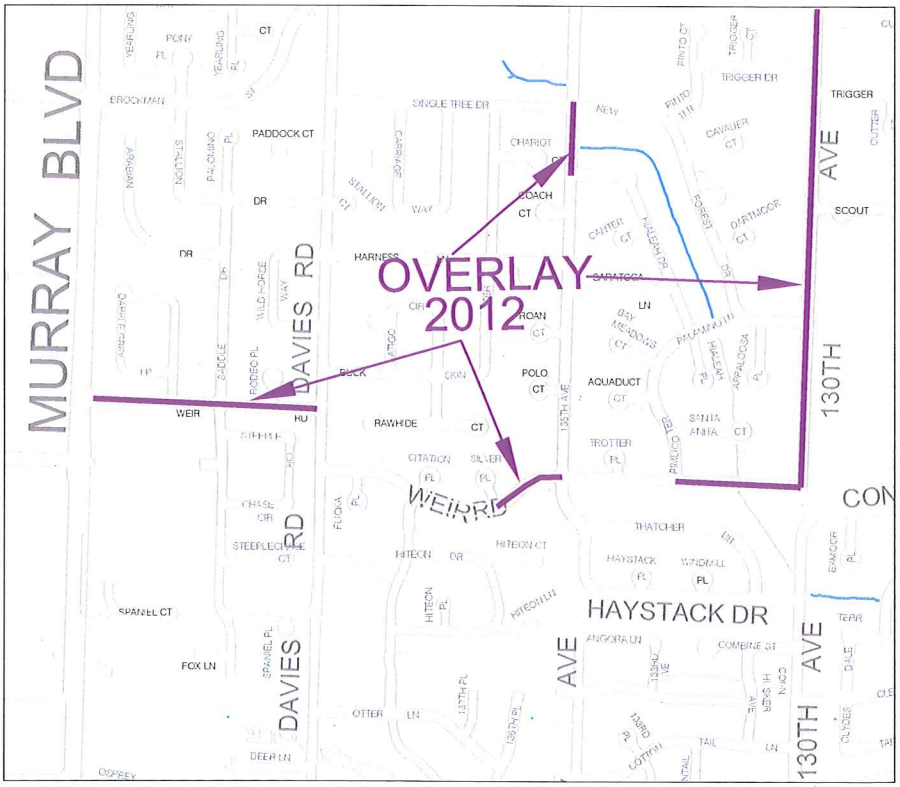
Transportation Projects FY 2012-2013





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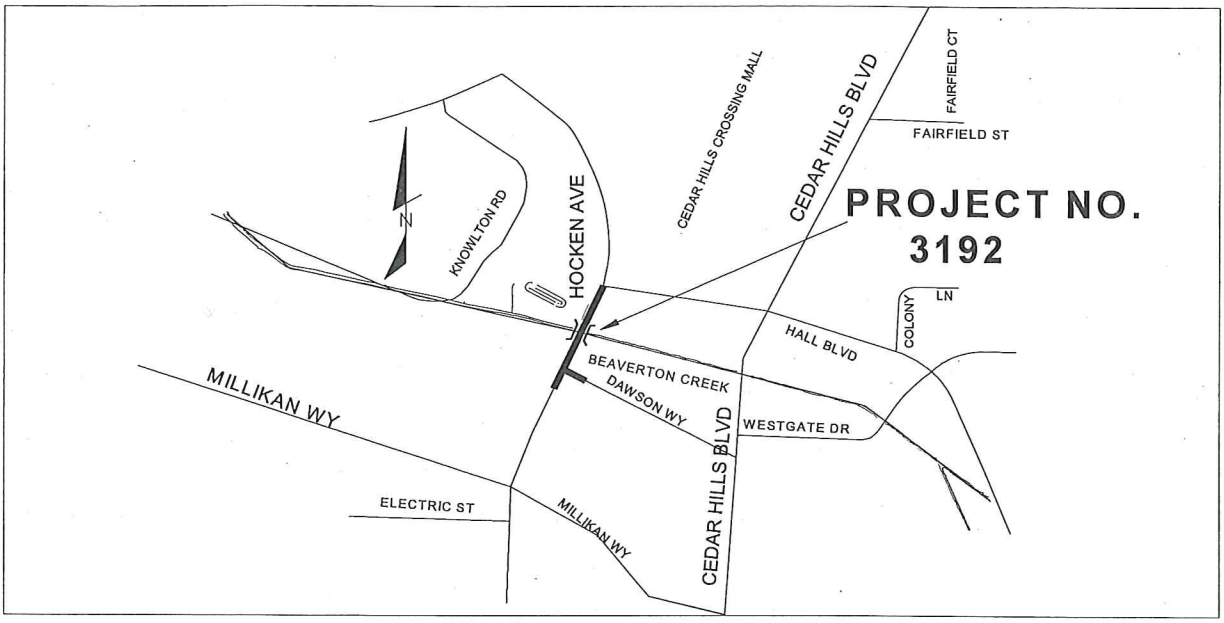
Project Data

Project Number: 3192

Project Name: Hocken Ave Bridge and Street Improvements at Beaverton Creek

Project Description: Replace two 84-inch culverts with a 62-foot long by 60-foot wide concrete slab bridge over Beaverton Creek and improve 875 feet of Hocken Ave to collector street standards between Hall Blvd and the Light Rail Tracks.

Map:



Project Justification: Replacement of the Hocken Avenue culverts with a bridge is needed to reduce the frequency of flooding from the 20-percent-annual-chance storm through the 2-percent-annual-chance storm (5 year through 50 year flood events). These street and storm drainage improvements will facilitate redevelopment in the Downtown area vicinity of The Round. This project would complete the improvements begun by CIP 8022A, CIP 8022B, CIP 8022C and CIP 3317. This project responds to Community Vision Action Plan (CVAP) #18 establishing sidewalks and bikeways, #51 road system capacity and traffic flow, #56 complete bike/pedestrian network, and #69 maintain infrastructure to respond to emergencies.

Project Status: FY08/09: Complete 90% design (see CIP 8022). FY09/10: Begin acquisition of ROW from 4 adjacent property owners. Reached informal agreement with two adjacent property owners concerning the purchase of right of way and associated improvements. FY10/11: Finalized ROW with owner of TL 1S109DC00200 (Kuni) and continued to acquire right of way from other property owners. FY11/12: Continued to acquire right of way though ROW agent, Epic Land Solutions. FY12/13: Complete design and obtain permits from DSL, COE and CWS. The estimated cost to complete the project is as follows: ROW acquisition - $75,000 and construction - $2,600,000.

Estimated Date of Completion: 10/31/2013

Estimated Project Cost: $2,750,000

First Year Budgeted: FY09/10

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3192	114	TIF Fund	$795,000	FY2012/13
	3915	Storm SDC Conveyance	$600,000	FY2012/13
		Total for FY:	$1,395,000	

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City of Beaverton
2012-2013 CIP

Project Data

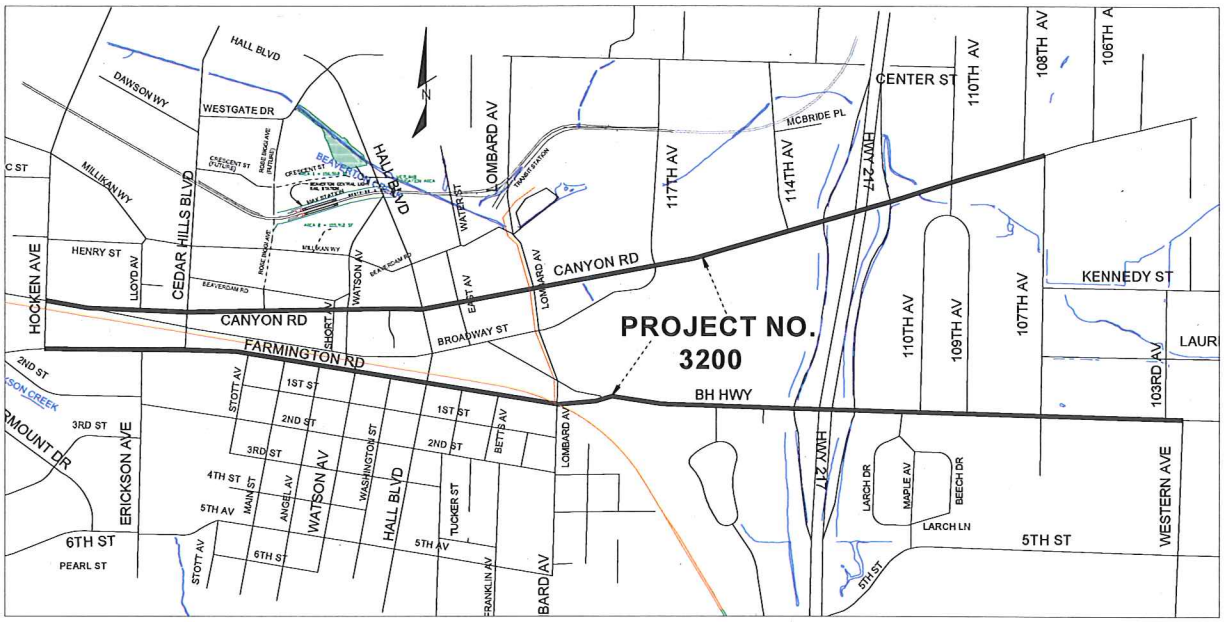
Transportation

Project Number: 3200

Project Name: Adaptive Traffic Signal Expansion on BH Hwy and Canyon Rd

Project Description: This is a Metropolitan Transportation Improvement Project (MTIP) that is primarily funded with Federal funds with a 11% City match. The intent of the project is to upgrade existing traffic signal control software to SCATS adaptive signal control system at sixteen (16) signalized intersections. In addition to these upgrades, the signalized intersections will be connected to the regional centralized signal control system for real-time remote monitoring and signal timing adjustments capabilities. Furthermore, the expansion of SCATS on BH Hwy will complement the existing SCATS system. Project limits on BH Hwy are Hocken Ave to Western Ave. Project limits on Canyon Rd are Hocken Ave to 107th Ave.

Map:



Project Justification: SW Canyon Rd is one of the two major east/west corridors that runs through the heart of Beaverton's central business district. Due to closely spaced signalized intersections, numerous commercial driveways, multiple peak periods throughout the day, and high pedestrian traffic, the corridor experiences excessive delay and poor vehicle progession. Furthermore, TriMet's commuter rail crosses the intersection of Canyon Rd & Lombard, and two sets of Portland & Western Railroad tracks run parallel with the corridor. Freight trains and commuter rail traffic throughout the day disrupt traffic flow at the crossings. The current signal system does not have the capability for fast recovery from train pre-emption.

The new SCATS traffic adaptive signal control system provides cycle-by-cycle optimization of cycle length, splits, and offsets in real time. As the system collects real time data from the signal controllers, SCATS can detect variations in traffic volumes and react accordingly to the situations. Recent SCATS installation in our region had shown reductions of overall delays of up to 22%.

This project will expand the existing SCATS system installation on Farmington Rd. The completed SCATS traffic adaptive signal system on Canyon Rd and Farmington Rd/BH Hwy will reduce overall travel time,

increase travel reliability including transit and freight, and provide a coordinated incident response on the corridors.

This project responds to Community Vision Action Plan (CVAP) #47 improve traffic flow on Canyon Rd and Farmington Rd and #51 road system capacity and traffic flow.

Project Status: FY11/12: Completed IGA with ODOT, selected consultant and began design. FY12-13: Complete design and begin construction.

Estimated Date of Completion: 09/30/2013

Estimated Project Cost: $836,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name		Amount	FY
3200	114	TIF Fund		$69,849	FY2012/13
	Federal	MTIP (Federal)		$388,169	FY2012/13
			Total for FY:	$458,018	

City of Beaverton
2012-2013 CIP

Project Data

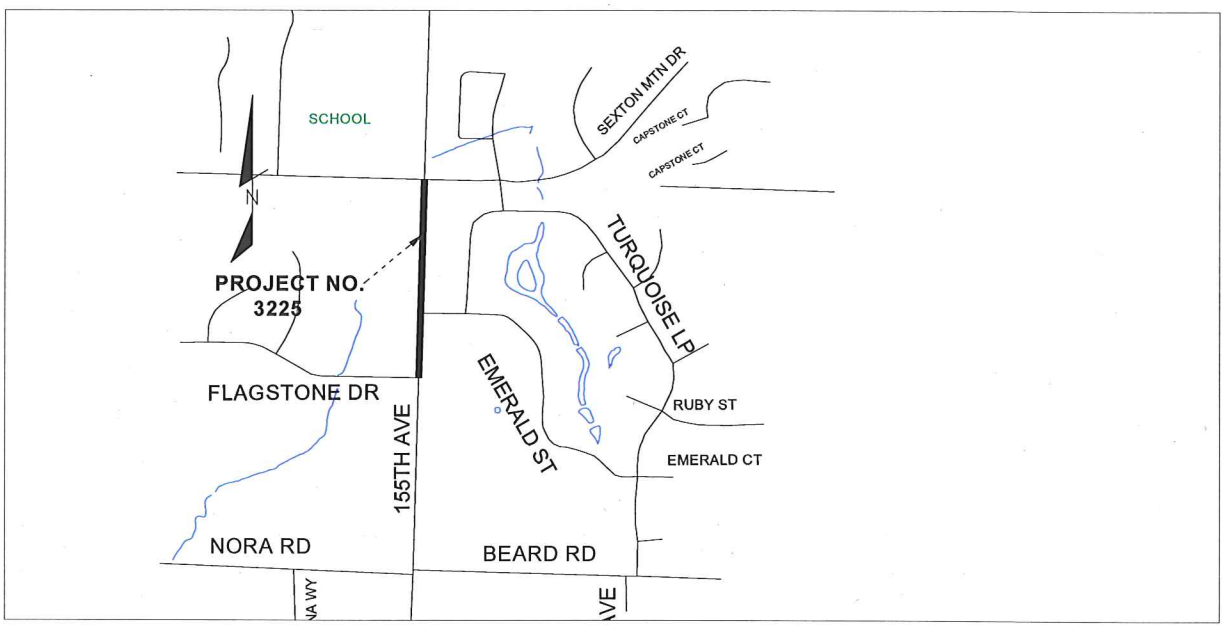
Transportation

Project Number: 3225

Project Name: 155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)

Project Description: Construct approximately 1,000 feet of 12-inch waterline on SW 155th Avenue between Sexton Mtn Dr and Flagstone Dr. Also, construct curb and sidewalk to fill gaps and construct 400 feet of open channel drainage.

Map:



Project Justification: The waterline will fill an existing gap in the system and improve circulation and fire flow in the neighborhood. The curb and sidewalk will also fill existing gaps in the vicinity of Sexton Mountain Elementary School, an important safe route to school for students. This project responds to Community Vision Action Plan (CVAP) #18 establishing sidewalks and bikeways and #56 complete bike/pedestrian network.

Project Status: FY10/11: Begin design. CIP 4093, a waterline only project, was folded into CIP 3225 in order to complete all work within a single project. FY11/12: Complete design and obtain permits from regulatory agencies. FY12/13: Complete construction.

Estimated Date of Completion: 09/30/2012

Estimated Project Cost: $502,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3225	101	Street Fund	$80,000	FY2012/13
	3620	Water Extra Capacity Supply	$185,000	FY2012/13
		Total for FY:	$265,000	

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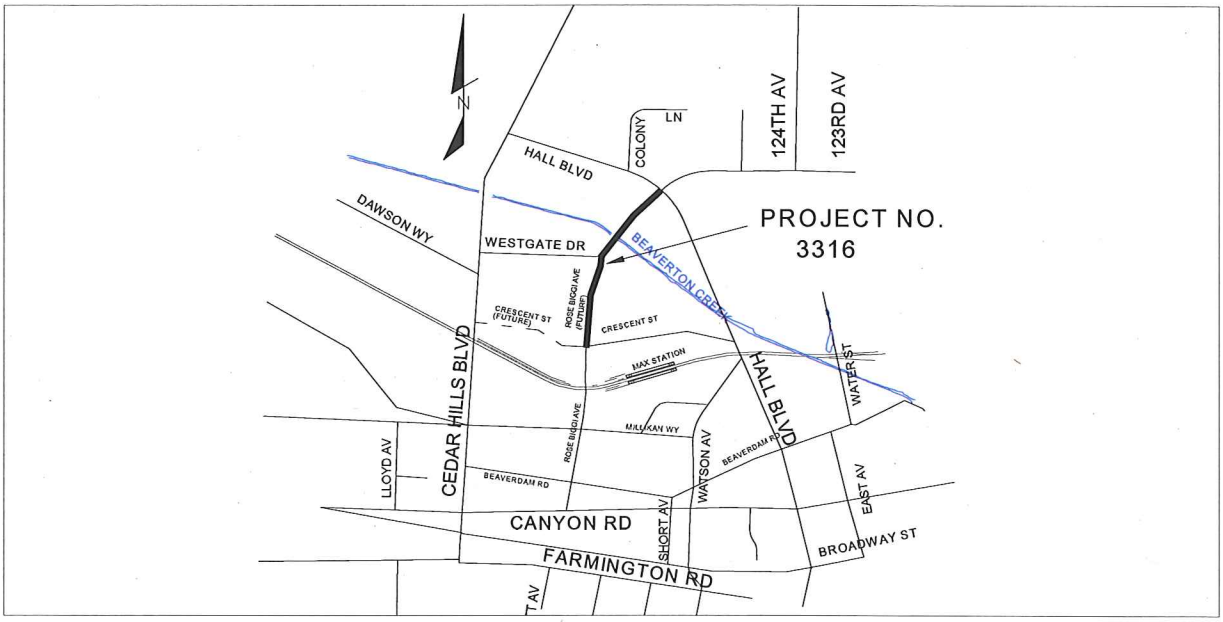
Project Data

Project Number: 3316

Project Name: Rose Biggi Ave Extension (Crescent St to Hall Blvd)

Project Description: Construct an 850-foot extension on Rose Biggi Ave from Crescent St to Hall Blvd. The street section on Rose Biggi Ave will be composed of two 12-foot travel lanes, two 8-foot parking lanes, and two 10-foot sidewalks with trees planted in tree wells for a total right of way width of 60 feet. The street section on Westgate Dr will be composed of two 11-foot travel lanes, two 8-foot parking lanes, and two 6-foot sidewalks for a total right of way width of 50 feet. Other improvements include storm drainage, water, sanitary sewer, street lighting, and irrigation. Also included is the replacement of the existing single-span, precast, 52-foot long by 46-foot wide concrete slab bridge over Beaverton Creek.

Map:



Project Justification: Since the completion of the Beaverton Central LRT Station in 1998, the City of Beaverton has pursued its vision of a multi-use downtown environment accessible by all forms of transportation and a place for living, working and community life. The City, in partnership with TriMet, ODOT and Washington County, has completed several elements of the Beaverton Downtown Connectivity Plan that aims to connect major north-south and east-west streets such as Canyon Rd, Hall Blvd and Cedar Hills Blvd to the Beaverton Central LRT Station. In order to encourage development and redevelopment in the area, it is essential that access for all modes of transportation to the Beaverton Central LRT Station be completed on the north side of the LRT station as well as the south side.

This project responds to Community Vision Action Plan (CVAP) #36 connecting downtown to surrounding neighborhoods, #37 improving downtown walkability, and #51 road system capacity and traffic flow.

Project Status: FY07-08: Project design phase approved in MTIP in the amount of $580,000 in Federal Aid. FY08-09: Project design phase pushed back one year in MTIP to more closely align with right of way phase. Project right of way acquisition approved in 2012-13 MTIP in the amount of $2,758,238 in Federal Aid. FY09-10: IGA with ODOT executed on 10-8-09 for PE phase. Scope and fee for David Evans & Assoc. (DEA) engineering services completed in July 2010. Preparation of environmental documents underway by DEA.

FY10-11: Mayer Reed landscape recommendations for bridge and surrounding area completed 12-8-10. DEA completes traffic & geotechnical reports. FY11-12: Environmental documentation for permitting complete in Jan 2012. 60% design complete 1-31-2012. ROW acquisition begins in June 2012.

Total project cost estimate: Design - $690,000; ROW - $3,074,000; Construction - $3,045,000.

Estimated Date of Completion: 03/31/2014
Estimated Project Cost: $6,809,000
First Year Budgeted: FY07/08

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3316	114	TIF Fund	$2,146,000	FY2012/13
	3620	Water Extra Capacity Supply	$244,000	FY2012/13
		Total for FY:	$2,390,000	

City of Beaverton
2012-2013 CIP

Project Data

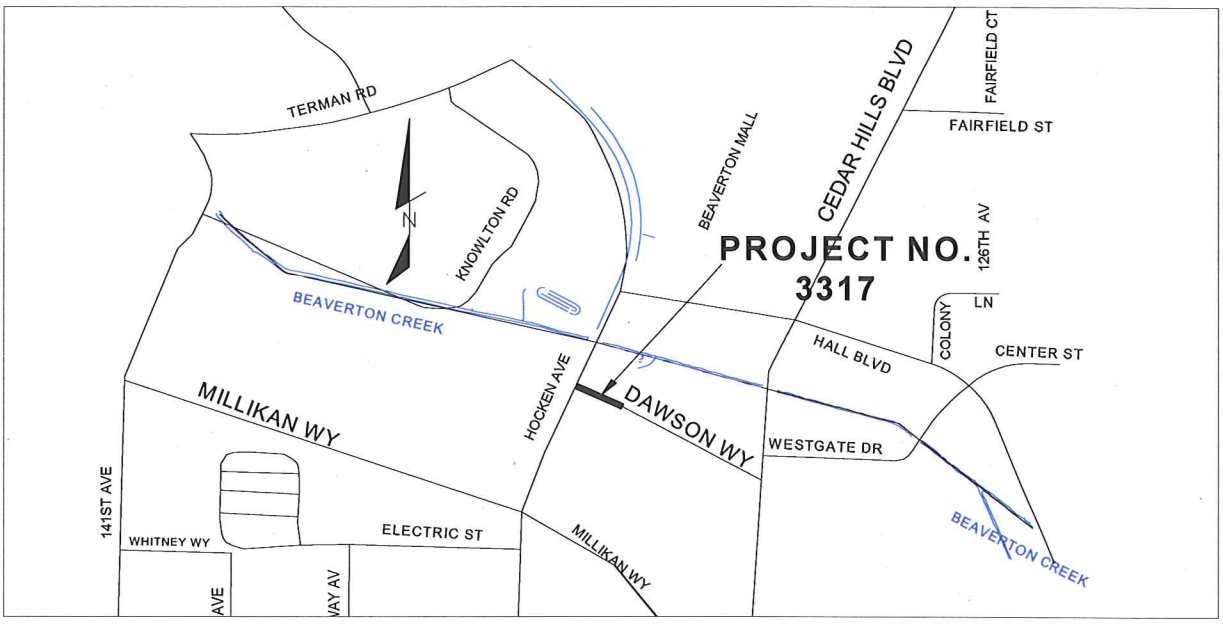
Transportation

Project Number: 3317

Project Name: Dawson Wy Extension To Hocken Ave

Project Description: Extend Dawson Wy approximately 250 feet to the west and connect to Hocken Ave. Scope includes two 12-foot travel lanes, a 14-foot center turn lane, curb, and sidewalk on the south side. Work also includes extending a 12-inch waterline and storm drainage pipes and structures.

Map:



Project Justification: Improve connectivity for all modes of traffic between Hocken Ave and Cedar Hills Blvd in the vicinity of the Cedar Hills Crossing mall. This project responds to Community Vision Action Plan (CVAP) #18 establishing sidewalks and bikeways, #51 road system capacity and traffic flow, and #56 complete bike/pedestrian network.

Project Status: FY09/10: WRG Design completed 90% design and cost estimate. ROW acquisition and land use placed on hold pending negotiations between City and adjacent property owner on non-project related matters. In July 2010, the project was restarted. FY10/11: Began ROW acquisition and land use actions. Contact with Kuni Cadillac has been reestablished and property owner is still in favor of the project. Central Beaverton NAC meeting 2-7-11. FY11/12: Land use applications deemed complete 9-7-11. Cardno WRG completed final design in Dec 2011. Public hearing for street vacation held 11-15-11. SV 2011-0001 approved 11-30-11. DR 2011-0097 and PTF 2011-0001 approved 12-13-11. Project advertised 1-10-12 with mandatory prebid on 2-14-12. Bids opened 3-6-12 and low bidder was D&T Excavation. Construction began 4-24-12 and is scheduled to be complete 8-15-12.

Estimated Date of Completion: 08/31/2012

Estimated Project Cost: $300,000

First Year Budgeted: FY08/09

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3317	114	TIF Fund	$38,000	FY2012/13
		Total for FY:	$38,000	

City of Beaverton
2012-2013 CIP

Project Data

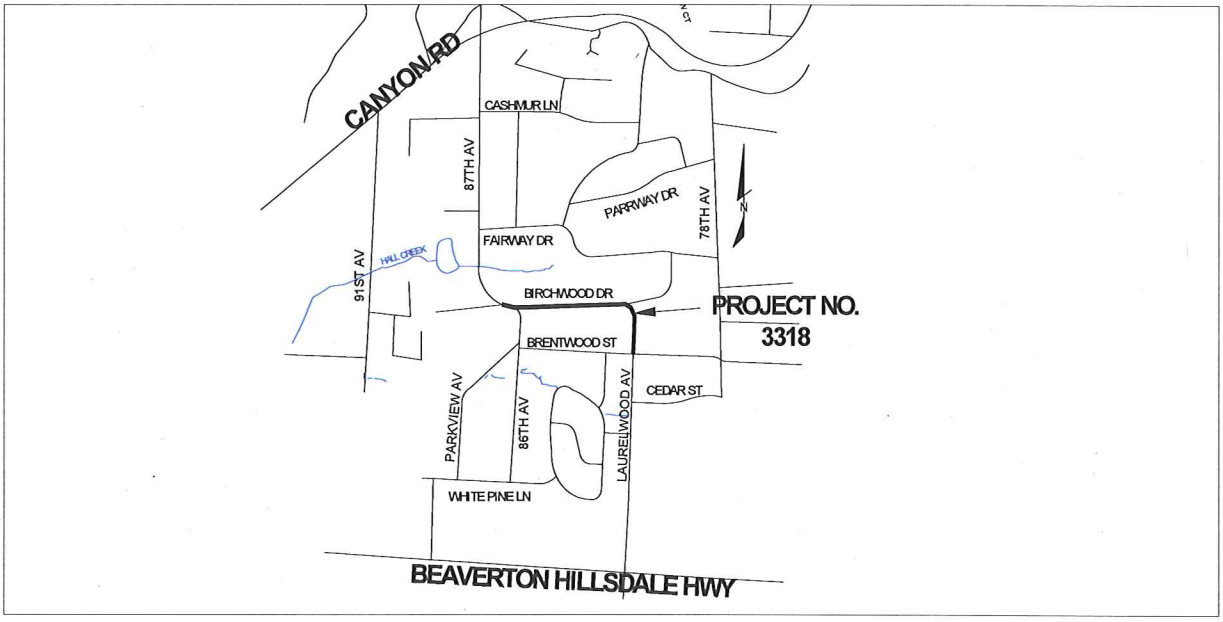
Transportation

Project Number: 3318

Project Name: Birchwood Rd (Brentwood Rd-87th Ave) Sidewalk

Project Description: Construct approximately 1,200 feet of 5-foot wide sidewalk, 5-foot wide planter strip, curb and storm drainage structures on south side of street from Laurelwood Ave to 87th Ave on Birchwood Rd and on the west side of street from Brentwood St to Birchwood Rd on Laurelwood Ave.

Map:



Project Justification: Provide safe pedestrian access to transit and other services, thus improving safety and quality of life in the West Slope neighborhood. This project completes the gap between the sidewalks on Laurelwood Ave and 87th Ave that were completed in 2010. This project responds to Community Vision Action Plan (CVAP) #18 establishing sidewalks and bikeways and #56 complete bike/pedestrian network.

Project Status: 5-19-11: Project approved under ODOT Transportation Enhancement program. FY11/12: Completed IGA with ODOT 10-26-11. ODOT contracted with HHPR for design services on 11-14-11. HHPRI completed 30% plans and cost estimate on 2-15-12 and 60% plans and cost estimate on 4-17-12. FY12/13: Begin construction in the spring of 2013 after West Slope Water District relocates a waterline.

Estimated Date of Completion: 09/30/2013

Estimated Project Cost: $528,000

First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3318	101	Street Fund	$100,000	FY2012/13
	TE	ODOT Transportation Enhancement (Federal)	$267,891	FY2012/13
		Total for FY:	$367,891	

City of Beaverton
2012-2013 CIP

Project Data

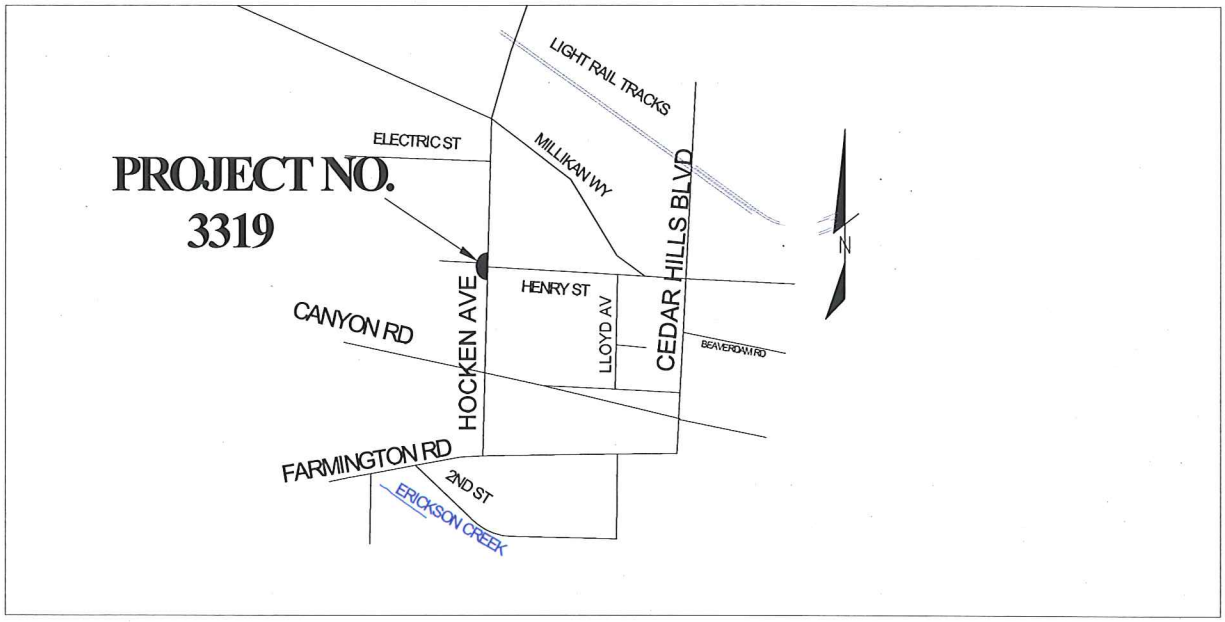
Transportation

Project Number: 3319

Project Name: Hocken/Henry Sidewalk & Curb Improvement

Project Description: Improve existing sidewalk, ramp and curb at the southwest corner of Hocken Ave and Henry St.

Map:



Project Justification: Existing facilities are not ADA compliant. This project responds to Community Vision Action Plan (CVAP) #18 establishing sidewalks and bikeways and #56 complete bike/pedestrian network. In addition, the project needs to be completed prior to an overlay by City forces that is planned for FY 2013-14.

Project Status: City staff completed the project design in FY06/07. Construction of the project was postponed in order to better align with a planned street overlay. FY12/13: Complete construction by City Forces in the spring of 2013.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $50,000

First Year Budgeted: FY04/05

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3319	101	Street Fund	$25,000	FY2012/13
		Total for FY:	$25,000	

City of Beaverton
2012-2013 CIP

Project Data

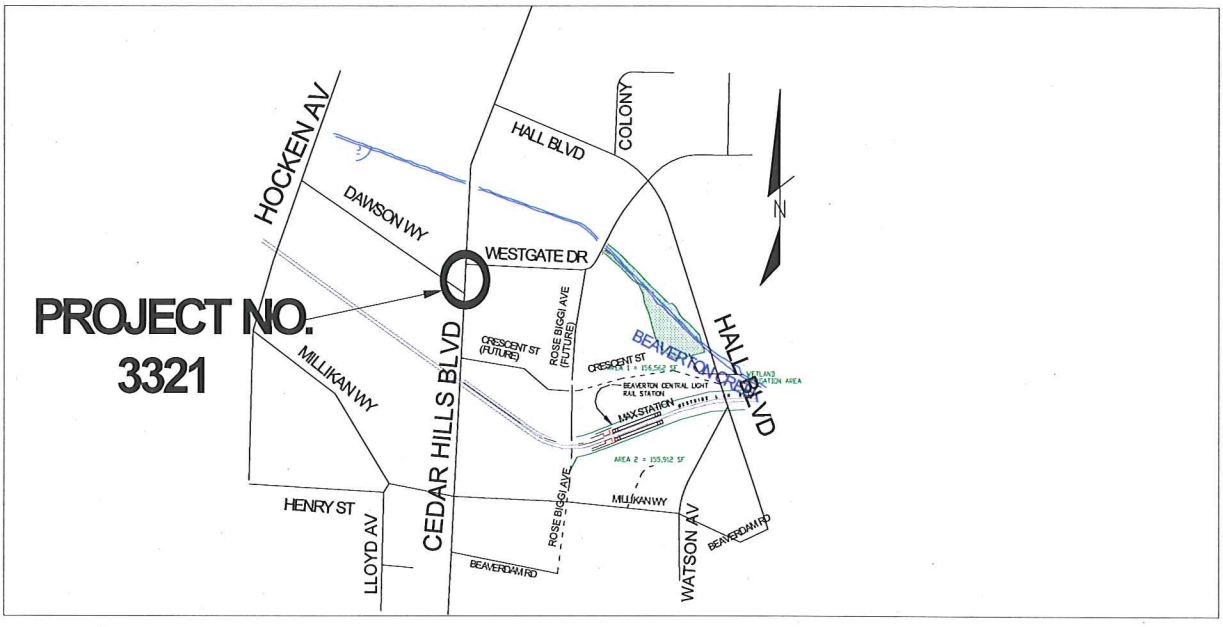
Transportation

Project Number: 3321

Project Name: Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment

Project Description: Investigate the realignment of the intersection of Dawson Wy and Westgate Dr with Cedar Hills Blvd.

Map:



Project Justification: The existing non-signalized intersection is offset by 125 feet which poses a safety concern particularly after Dawson Wy is connected to Hocken Ave to the west. The realignment of and possible signalization of this intersection is listed as Project # 25 in the TSP 2035 update. This project responds to Community Vision Action Plan (CVAP) #53 intersection safety.

Project Status: FY11-12: Completed survey of Cedar Hills Blvd/Westgate Dr/Dawson Wy intersection. FY12-13: Determine alignment options and cost estimates for acquisition of right of way and construction. Develop preliminary design by City staff.

Estimated Date of Completion: 06/30/2013 (Investigation only)

Estimated Project Cost: $2,530,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3321	114	TIF Fund	$30,000	FY2012/13
		Total for FY:	$30,000	

City of Beaverton
2012-2013 CIP

Project Data

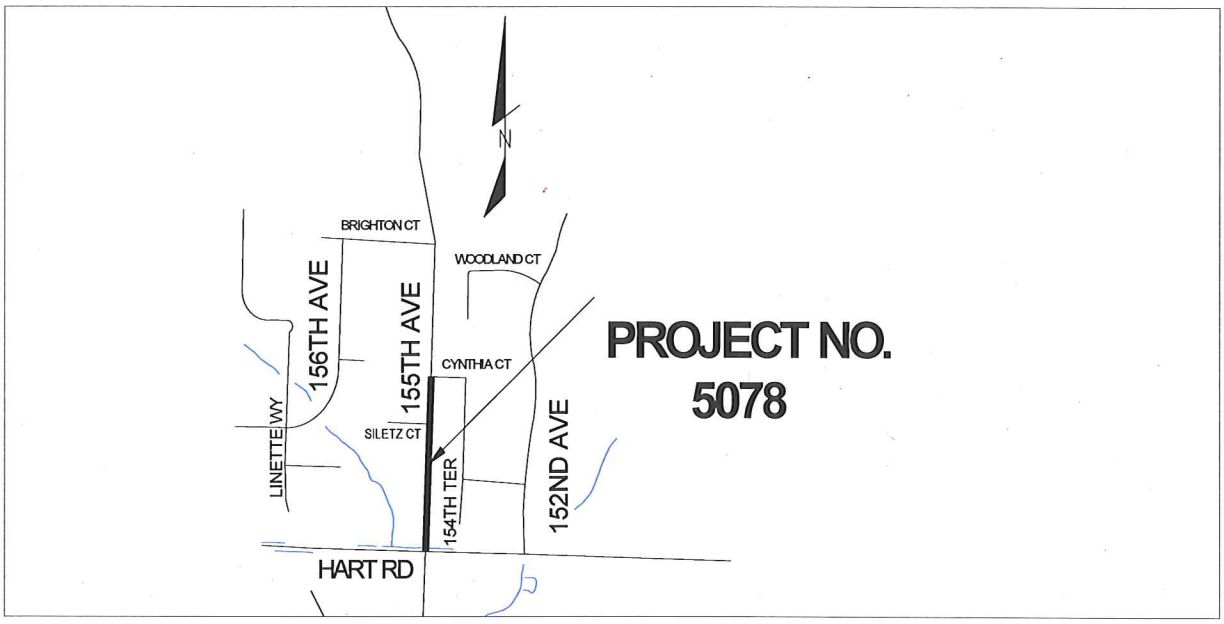
Transportation

Project Number: 5078

Project Name: 155th Ave (Hart Rd-Cynthia Ct) Traffic Calming

Project Description: Provide traffic calming measures on 155th Ave from Hart Rd to Cynthia Ct in accordance with the City's Traffic Calming Program.

Map:



Project Justification: Citizens have requested traffic calming measures to reduce the negative impact of speeding traffic on neighborhood streets. This project responds to Community Vision Action Plan (CVAP) #53 intersection crossing safety.

Project Status: FY11/12: City staff to complete work with the neighborhood to prepare a traffic calming design and then gain approval of the design by the neighborhood, the Traffic Commission and City Council. FY12/13: Construction is anticipated in the summer of 2012 by City forces.

Estimated Date of Completion: 09/30/2012

Estimated Project Cost: $20,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
5078	3223	Traffic Enhancement	$20,000	FY2012/13
		Total for FY:	$20,000	

Miscellaneous Transportation Projects

Project Descriptions and funding can be found in the following section. See map in Transportation Projects section for project locations.

Project No.	Project Name	Map Location
3189	Annual Traffic Calming Project	NA
3226H	FY12/13 Miscellaneous Transportation Projects	NA

Project Data

Project Number: 3189

Project Name: Annual Traffic Calming Project

Project Description: Respond to traffic calming requests in a timely manner in accordance with the process identified in the City's Traffic Calming Program.

First Year Budgeted: FY11/12

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3189	101	Street Fund	$40,000	FY2012/13
		Total for FY:	$40,000	

Project Number: 3226H

Project Name: FY12/13 Miscellaneous Transportation Projects

Project Description: Respond to unprogrammed transportation projects in a timely manner that result from unanticipated problems or inquiries from the public or staff.

First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3226H	101	Street Fund	$60,000	FY2012/13
		Total for FY:	$60,000	

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Street Rehabilitation Program
FY 2012-2013

FY 2012-13 STREET REHABILITATION PROGRAM

Street Name	Street From	Street To	PCI	SQ FT	Tons (AC)	Total Cost
SW Hocken Ave	SW Hall Blvd	SW Jenkins Rd	48	94996	1778	$119,148
SW 155th Ave	SW Rigert Rd	SW Beard Rd	50	88051	1293	$86,649
SW Main Ave	SW Allen Blvd (Both Sides)	SW 7th St	64	71570	1311	$53,332
SW 7th St	SW Main Ave	SW Watson Ave	78	12528	114	$9,575
SW 8th St	SW Main Ave	SW Watson Ave	76	10994	100	$8,403
SW 9th St	SW Main Ave	SW Watson Ave	79	5460	50	$4,173
SW 10th St	SW Main Ave	SW Watson Ave	71	10472	147	$12,314
SW 12th St	SW Main Ave	SW Watson Ave	59	14816	135	$11,324
SW 13th St	SW Main Ave	SW Hall Blvd	69	9936	91	$7,594
SW 112th Ave	SW Allen Frtg	EOP	56	24023	564	$37,775
SW Allen Frtg	SW King Blvd	EOP	74	39493	567	$38,013
SW Lombard Ave	SW 5th St	SW Allen Blvd	76	84190	2101	$140,792
SW 5th St	SW Lombard Ave	Max Tracks	54	63796	1592	$106,687
SW Nadina Ct	SW Lombard Ave	EOP	70	10548	128	$8,599
SW Filbert Ave	EOP	SW 5th St	63	8197	100	$6,683
SW Barberry Dr	SW Sorrento Rd	SW 131st Ave	74	33252	622	$41,706
SW Santolina Pl	SW Barberry Dr	EOP	61	3695	45	$3,013
SW Abelia Pl	SW Barberry Dr	EOP	62	4907	60	$4,000
SW Magnolia Pl	SW Barberry Dr	EOP	72	4922	60	$4,013
SW Lotus Blossom Pl	EOP	SW Thunderhead Wy	60	8635	105	$7,039
SW Fircrest Ct	EOP	SW 136th Ave	66	8592	105	$7,004
SW 130th Ave	SW Caspian Cout	SW Brockman St	71	86526	1053	$70,541
SW 135th Ave	SW Singletree Dr	SW Hialeah Dr	78	20565	250	$16,766
SW Weir Rd	SW 130th Ave	SW Pimlico	71	23067	281	$18,806
SW Weir Rd	SW Murray Blvd	Davies Rd	74	38396	719	$48,158
SW Weir Rd	SW 135th Ave	SW Silver Pl	62	13365	250	$16,763
SW Hackamore Ct	SW Morgan Dr	EOP	68	6905	84	$5,629
SW Morgan Dr	SW Sorrento Rd	SW Carr St	65	50180	611	$40,910
SW Curry	SW Shetland Ct	EOP	71	4242	52	$3,458
SW Shetland Ct	EOP	SW Morgan Dr	71	4771	58	$3,890
SW Hargis Rd	SW 142nd Ave	SW Murray Blvd	47	22484	421	$28,220
SW 140th Ave	SW 142nd Ave	SW Wilson Dr	62	50480	614	$41,154
SW 141st Ave	SW Hart Rd	SW Wilson Dr	67	22687	276	$18,496
SW 142nd Ct	SW Hart Rd	EOP	74	8127	99	$6,625
SW Danielle Ave	SW Wilson Dr	SW Hargis Rd	67	10110	123	$8,242
SW 142nd Ave	SW Hargis Rd	EOP	73	8785	107	$7,162
SW 29th Ct	EOP	SW 136th Ave	62	10846	132	$8,843
SW 102nd Ave	SW Heather Lane	SW Marjorie Lane	66	31473	383	$25,659
SW Marjorie Lane	SW Scholls Ferry Rd	SW 102nd Ave	59	27580	336	$22,485
SW 101st Ave	SW Heather Lane	SW Marjorie Lane	64	30053	366	$24,501
SW 104th	SW Heather Lane	SW Marjorie Lane	64	30053	366	$24,501
SW 105th	SW Denney Rd	EOP	74	23950	291	$19,525
SW King Blvd	SW Imperial Dr	SW Denney Rd	94	54530	684	$60,946
SW Imperial Drive	SW King Blvd	SW King Blvd	78	51528	423	$37,652
SW Princess Ave	SW King Blvd	SW Imperial Drive	75	28420	232	$20,647
SW Broadway	SW Hall Blvd	SW Watson St	80	21984	516	$34,569
SW Western Ave	5th St	SW Allen Blvd	54	108402	2544	$170,460
SW Sage Pl	EOP	SW Tupelo Ln	67	7031	86	$5,732
SW Tupelo Ln	SW Escalon Pl	SW Sorrento Rd	78	5530	141	$9,464
SW Escalon Pl	EOP	SW Tupelo Ln	81	10302	125	$8,399
					22,691	**$1,526,039**
Striping, Signal Detection, Surveying, A/C Testing						$40,000
Concrete Repairs						$50,000
ADA Ramps						$30,000
Misc Projects						$30,000
Improvement Project Total						**$1,676,039**

PCI Pavement Condition Index
EOP End of Pavement

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Water System Improvement Projects
FY 2012-2013

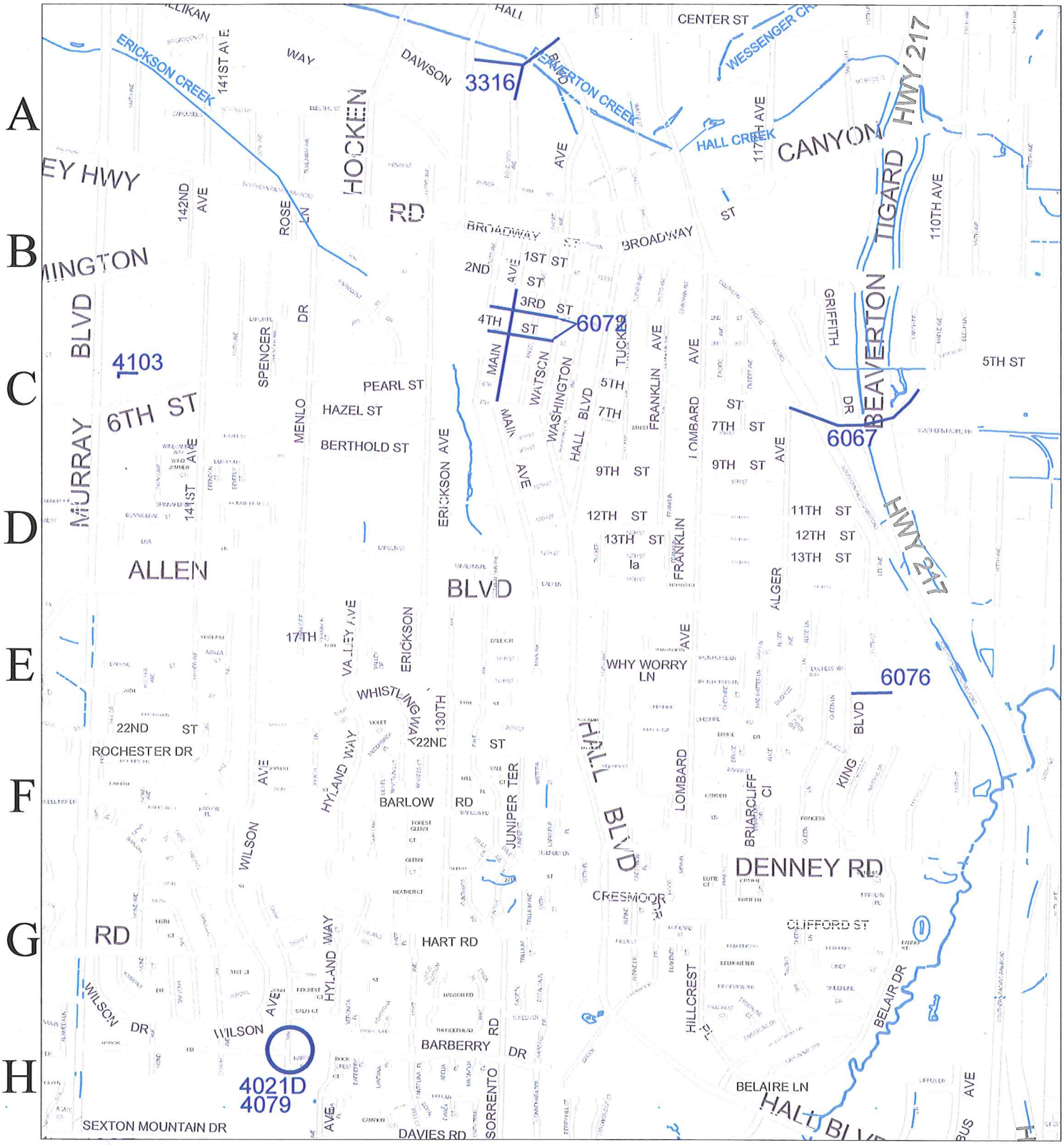
Water System Improvement Projects – Map Key

Project descriptions and funding can be found in the following section.

Project No.	Project Name	Map Location
3225*	155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr) - see Transportation Section for project details	C3, pg 62
3316*	Rose Biggi Ave Extension (Crescent St-Hall Blvd) - see Transportation Section for project details	A4, pg 61
3635	JWC Capacity Projects	NA
4021D*	Aquifer Storage and Recovery (ASR) Well No. 5	H2, pg 61
4078B*	Sexton Mtn Pump Station Upgrade, Phase 2	C4, pg 62
4079*	Sorrento Pump Station & Meridian Pump Station Upgrades	H2, pg 61
4095*	Standpipe (1.75 MG) Maintenance	C5, pg 62
4097*	Sexton Mtn 5MG Reservoir Mixing Improvements	C4, pg 62
4103*	Normandy Pl/Sherwood Pl Waterline Improvement	C1, pg 61
4105*	Scholls Ferry Rd/Fanno Creek Bridge Utility Adjustments	B6, pg 62
4106*	Scholls Ferry Rd (Roy Rogers-Teal) Waterline & Sanitary Improvements	H2, pg 62
6167*	South Central "H" (East of Alger) Utility Improvements - see Sanitary Section for project details	C6, pg 61
6176*	Belaire Subdivision Utility Improvements Phase 1 - see Sanitary Section for project details	E6, pg 61
6083*	South Cooper Mountain Infrastructure Study - see Sanitary Section for project details	NA

* Denotes multi-year project

Water System Projects FY 2012-2013



Water System Projects FY 2012-2013

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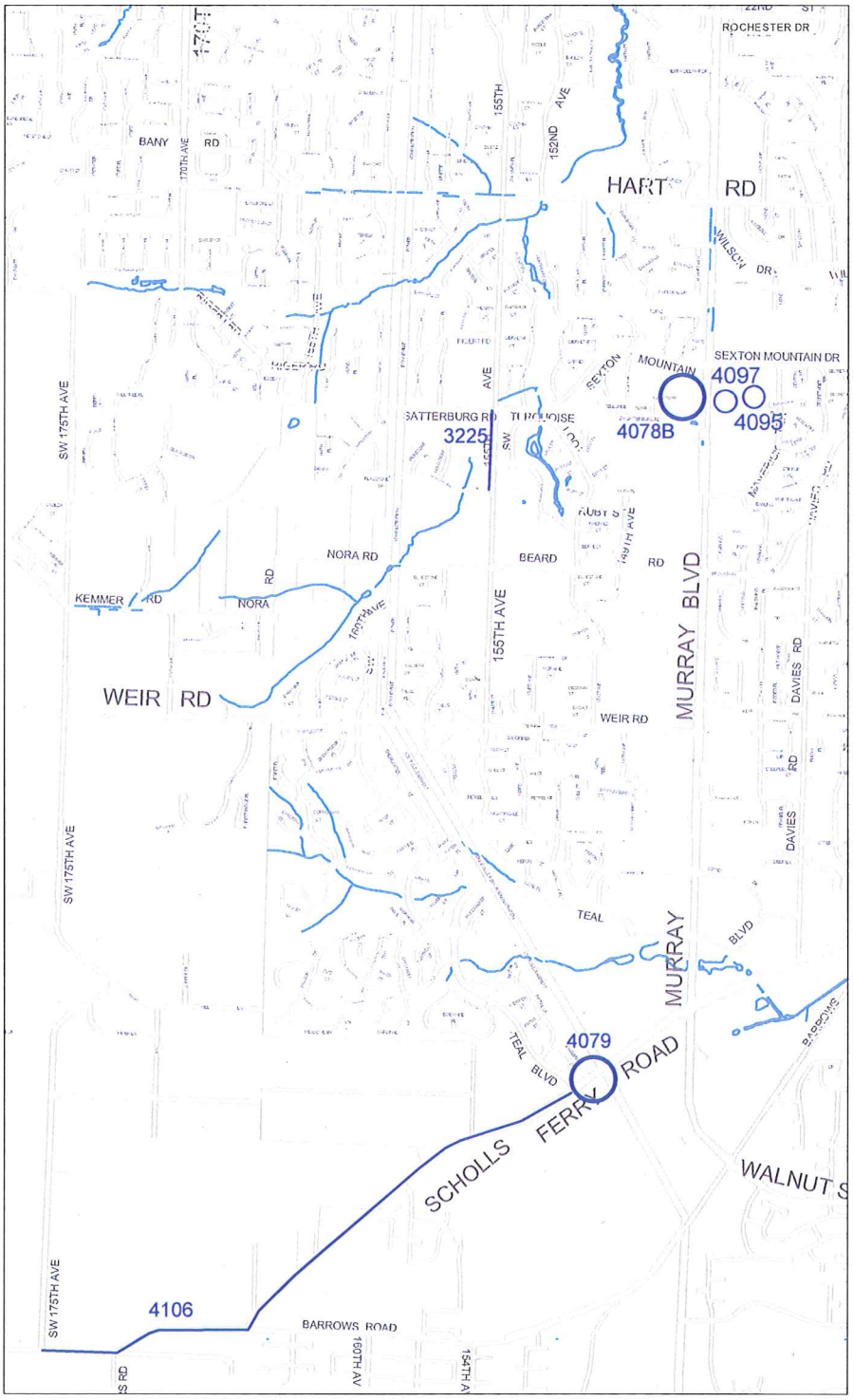

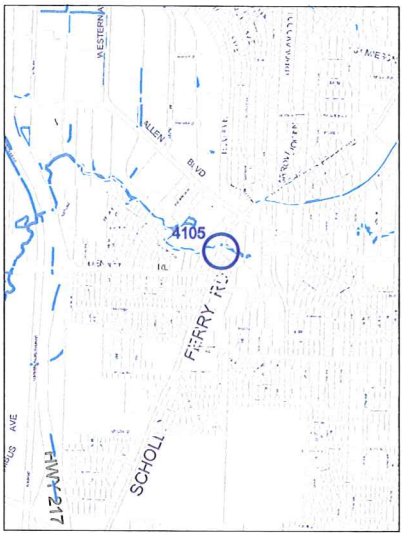

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City of Beaverton
2012-2013 CIP

Project Data

Water

Project Number: 3635

Project Name: JWC Projects

Project Description: Improve and maintain Joint Water Commission (JWC) facilities. Since 1980, Beaverton has maintained ownership rights to a share of the water supply and transmission system. The City's water originates from the Joint Water Commission Water Treatment Plant (WTP) south of Forest Grove. Beaverton owns a 18.75-million gallon per day share of the water treatment plant capacity and shares of other supply system facilities. The Joint Water Commission supply system has a capacity of 75 million gallons per day (MGD) and is jointly owned by the cities of Hillsboro, Beaverton, Tigard, and Forest Grove, and the Tualatin Valley Water District.

Project Justification: Provide water supply to the City of Beaverton that meets current and future needs.

Project Status: Various projects to replace and/or upgrade existing JWC facilities (treatment plant, finished water storage, and transmission lines). CIP 3635 includes both capacity projects such as JWC ASR Phase III from funding source 3635 and maintenance projects listed in the Water Finance Plan from funding source 3611.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost:

First Year Budgeted: FY99/00

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
3635	3611	JWC Maint/Replacement	$436,795	FY2012/13
	3635	JWC Capacity Projects	$47,000	FY2012/13
		Total for FY:	$483,795	

JWC Water Supply System

Joint Water Commission

City of Beaverton
2012-2013 CIP

Project Data

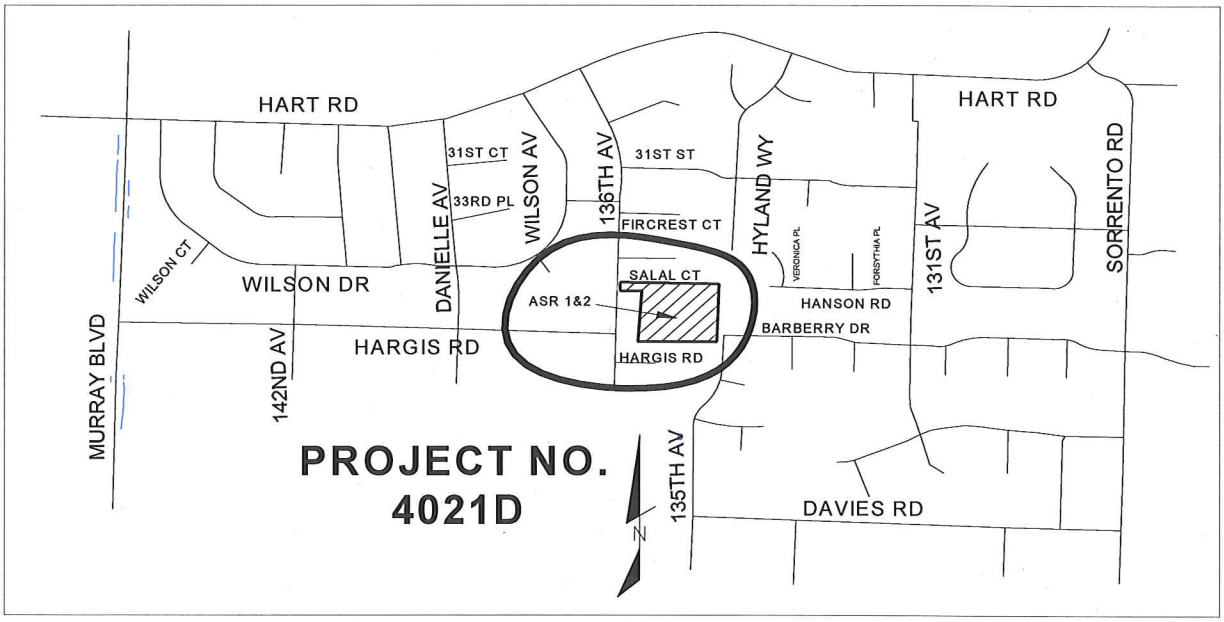
Water

Project Number: 4021D

Project Name: Aquifer Storage and Recovery (ASR) Well No. 5

Project Description: Develop Aquifer Storage and Recovery (ASR) No. 5 by installing a new 2 million gallons per day well adjacent to the existing ASR 1 site. The existing ASR 1 site would eventually be taken out of service due to its age and deteriorating condition.

Map:



Project Justification: Summer water supply can be increased by up to 1 million gallons per day by storing drinking water in the winter and spring and pumping that water out of proposed ASR Well No. 5 in the summer. This project allows the City to meet water demand during peak summer months or emergencies and delay the need to purchase water, expand water treatment, and build above ground storage reservoirs.

Project Status: FY11-12: Complete preliminary layout and design. FY12-13: Complete final design and bidding. FY13-14: Complete construction.

Estimated Date of Completion: 06/30/2014

Estimated Project Cost: $1,500,000

First Year Budgeted: FY05/06

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4021D	3620	Water Extra Capacity Supply	$50,000	FY2012/13
		Total for FY:	$50,000	

City of Beaverton
2012-2013 CIP

Project Data

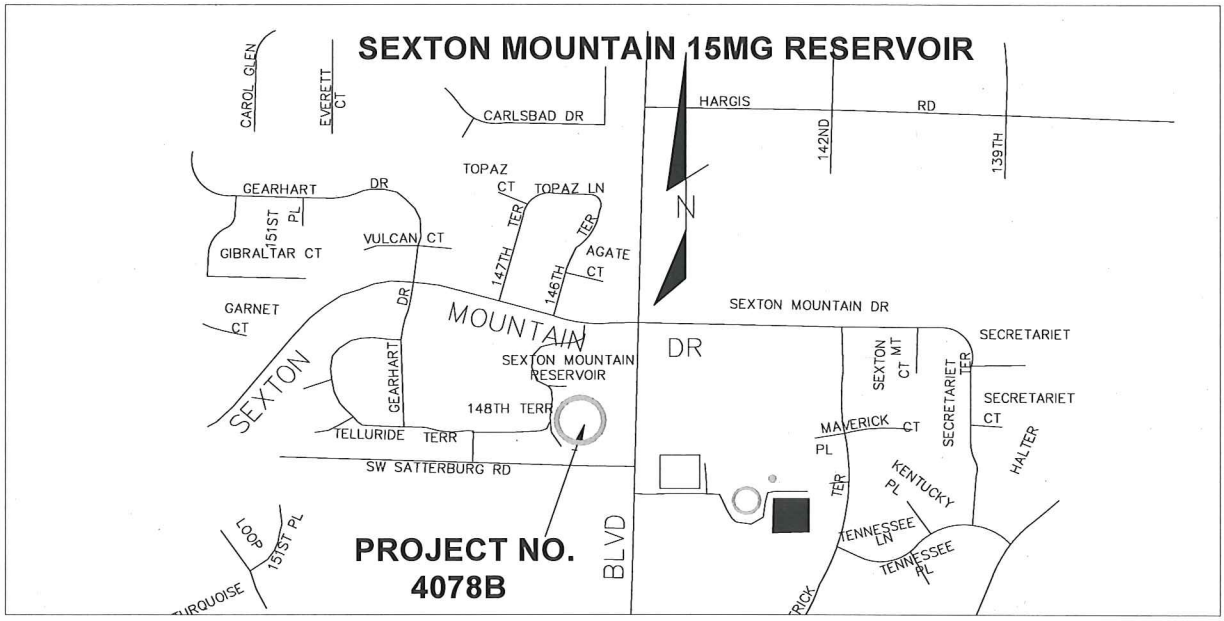
Water

Project Number: 4078B

Project Name: Sexton Mtn Pump Station Upgrade, Phase 2

Project Description: Upgrade pumping capacity, telemetry, chlorination, and controls at the Sexton Mountain pump station originally constructed in 1996. Work also includes enlargement of the pump station building and various building modifications. Additional valving and pumping improvements are anticipated off-site to fully achieve the desired pumping efficiency and capacity objectives.

Map:



Project Justification: Project is to increase pumping efficiency and capacity in order to convey additional water to developing areas on Cooper Mountain and southwest Beaverton.

Project Status: FY11-12: Complete final planning and begin preliminary design. FY12-13: Continue preliminary design to include expanding the building footprint, updating disinfection equipment and HVAC improvements.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $350,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4078B	3701	Water Improvements	$50,000	FY2012/13
		Total for FY:	$50,000	

City of Beaverton
2012-2013 CIP

Project Data

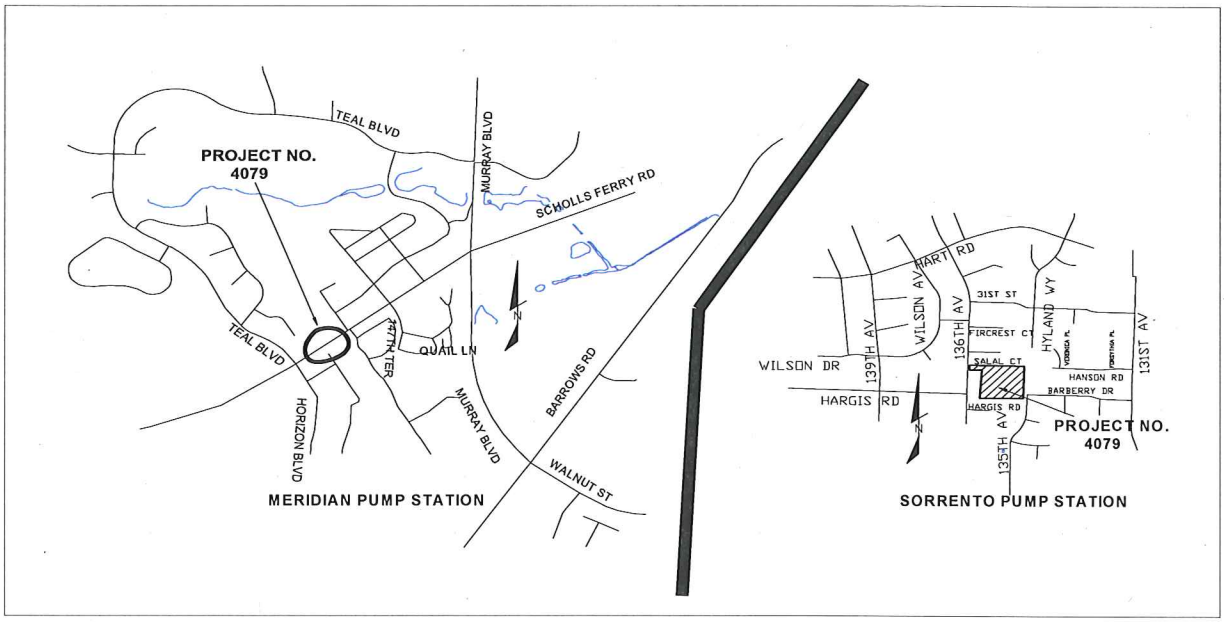
Water

Project Number: 4079

Project Name: Sorrento Pump Station & Meridian Pump Station Upgrades

Project Description: Upgrade the Sorrento and Meridian pump stations by installing new pumps, telemetry, and controls. The upgrades at each pump station may proceed simultaneously or separately depending on the outcome of the Energy Trust of Oregon (ETO) grant request.

Map:



Project Justification: Project is to increase pumping efficiency to reduce energy costs and also provide additional flexibility in filling the 1 million gallon reservoir that serves the 410 pressure zone.

Project Status: FY11-12: Complete preliminary engineering in order to apply for ETO)grant for pump replacement at the respective sites. FY12-13: Final ETO approval is scheduled for the summer of 2012 and construction in the spring of 2013.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $450,000

First Year Budgeted: FY07/08

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4079	3701	Water Improvements	$190,000	FY2012/13
		Total for FY:	$190,000	

City of Beaverton
2012-2013 CIP

Project Data

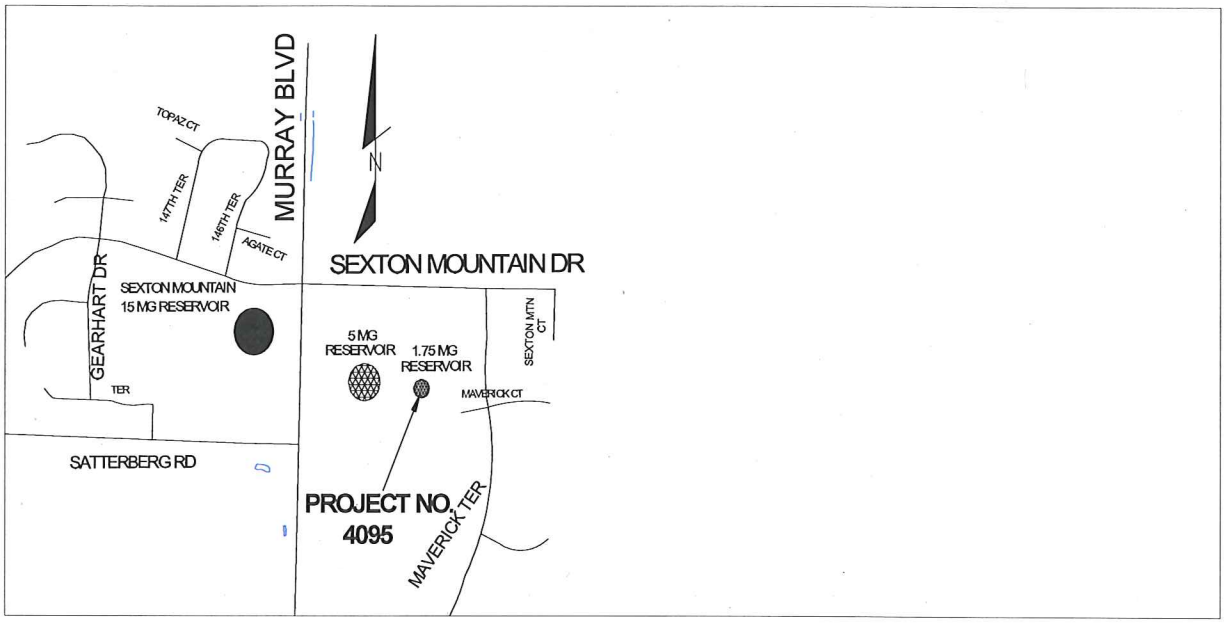
Water

Project Number: 4095

Project Name: Standpipe (1.75 MG) Maintenance

Project Description: Evaluation and rehabilitation of the 1.75 million gallon above ground reservoir that includes interior and exterior coating and corrosion protection.

Map:



Project Justification: Maintenance is necessary to ensure continued delivery of potable water and fire flow capacity.

Project Status: FY10-11: Complete preliminary engineering. FY11-12: Complete final engineering and begin construction. FY12-13: Complete construction.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $250,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4095	3701	Water Improvements	$250,000	FY2012/13
		Total for FY:	$250,000	

City of Beaverton
2012-2013 CIP

Project Data

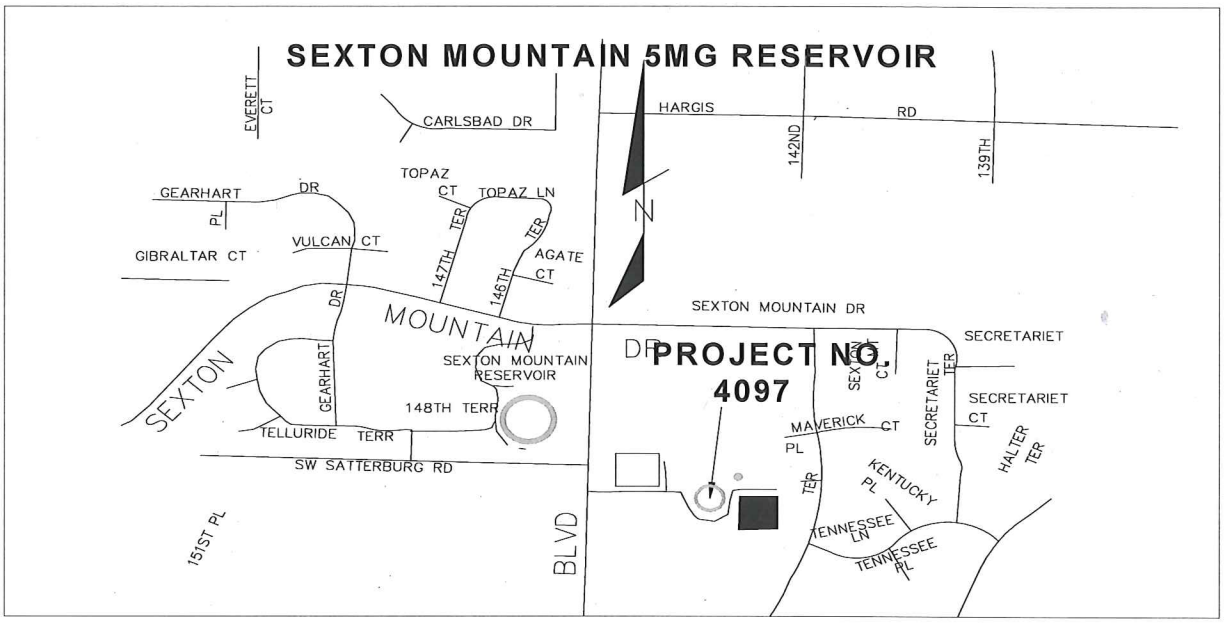
Water

Project Number: 4097

Project Name: Sexton Mtn 5 Million Gallon Reservoir Mixing Improvements

Project Description: Evaluation of potential mixing improvements to optimize drinking water quality at the Sexton Mountain 5 million gallon reservoir.

Map:



Project Justification: The installation of reservoir mixing equipment inside the 5MG reservoir is necessary to ensure long term compliance with Environmental Protection Agency water quality rules.

Project Status: FY10-11: Begin preliminary engineering. FY11-12: Complete final engineering and implementation of recommended improvements as necessary. FY12-13: Final engineering is scheduled for the summer of 2012 and construction in the spring of 2013.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $60,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4097	3701	Water Improvements	$60,000	FY2012/13
		Total for FY:	$60,000	

City of Beaverton
2012-2013 CIP

Project Data

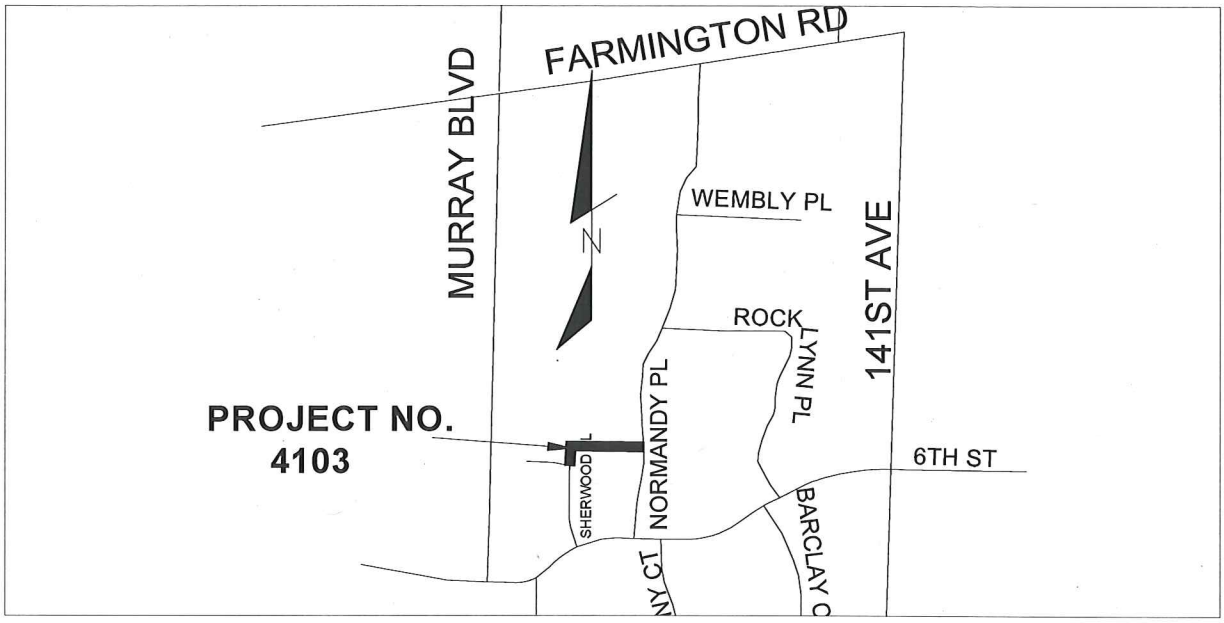
Water

Project Number: 4103

Project Name: Normandy Pl/Sherwood Pl Waterline Improvement

Project Description: Install approximately 250 feet of 6-inch waterline and associated structures.

Map:



Project Justification: The existing 2-inch waterline is located under existing structures and is not accessible for maintenance. A new waterline along an accessible alignment is necessary.

Project Status: FY11-12: Design delayed to FY12-13. FY12-13: Design is scheduled for the summer of 2012 and construction in the fall/winter of 2012-2013.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $35,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4103	3701	Water Improvements	$35,000	FY2012/13
		Total for FY:	$35,000	

City of Beaverton
2012-2013 CIP

Project Data

Water

Project Number: 4105

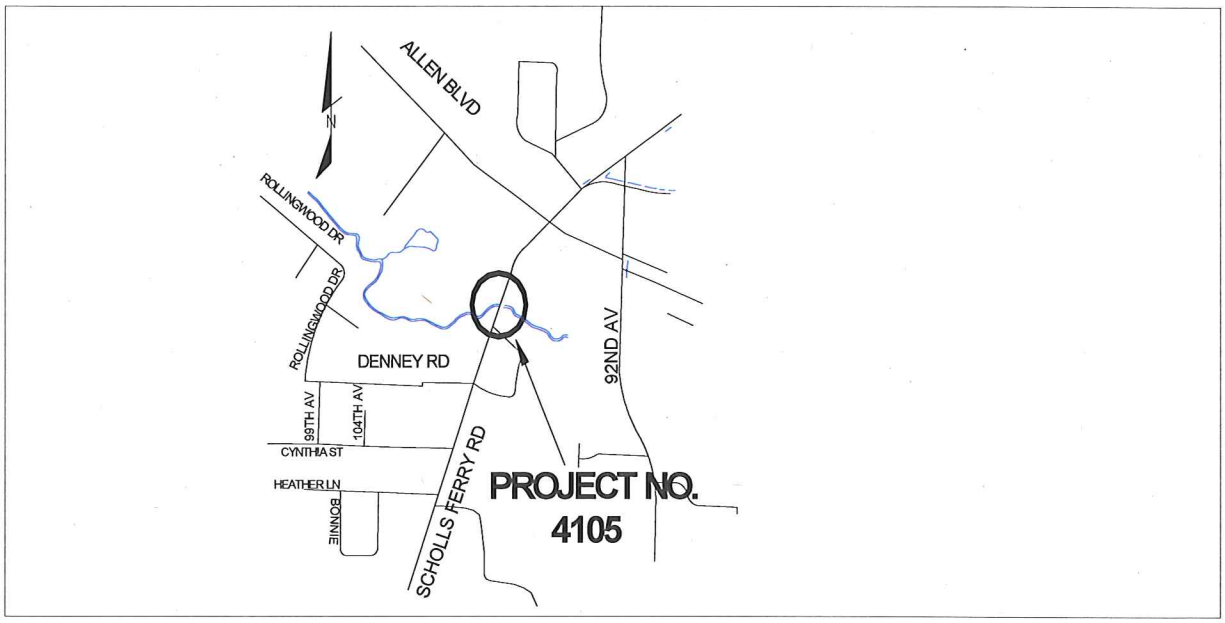
Project Name: Scholls Ferry Rd/Fanno Creek Bridge Utility Adjustments

Project Description: Water - Replace a section of the existing 16-inch waterline in Scholls Ferry Rd with a new 18-inch waterline, install isolation valves on new waterline to facilitate future maintenance, eliminate and disconnect existing 6-inch waterline no longer needed on Scholls Ferry Rd, and install a section of new 6-inch waterline to supply water to the Scholls Bridge Condominiums.

Storm Drainage - Install storm filters in conjunction with the replacement of the Fanno Creek bridge on Scholls Ferry Rd.

Washington County is managing the bridge replacement project.

Map:



Project Justification: The City must complete utility improvements before or in conjunction with Washington County MSTIP bridge replacement project. City is responsible for all improvements and adjustments to the sanitary sewer and water systems necessitated by the bridge project.

The bridge project will replace the substandard Scholls Ferry Rd bridge over Fanno Creek located between Denney Rd and Allen Blvd. The new bridge structure will be longer, wider and built above the flood plain. It will include two travel lanes, a center turn lane, bike lanes and sidewalks. Information on the project is available at http://www.co.washington.or.us/LUT/TransportationProjects/schollsferrybridgefannocrk.cfm.

Project Status: City managed design of isolation valves and new connection to Scholls Bridge Condominiums is complete and installation of the valves is scheduled in January and February of 2012. City managed design of new 18-inch waterline, and County design of bridge replacement project were completed in January 2012. Washington County awarded the project to MJ Hughes Construction. Construction is scheduled to begin in June 2012 and end in May 2013 (including all bridge construction and City waterline replacement).

Estimated Date of Completion: 05/31/2013
Estimated Project Cost: $400,000
First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4105	3620	Water Extra Capacity Supply	$60,000	FY2012/13
	3701	Water Improvements	$254,832	FY2012/13
	3950	Storm Maint/Replacement	$134,000	FY2012/13
		Total for FY:	$448,832	

City of Beaverton
2012-2013 CIP

Project Data

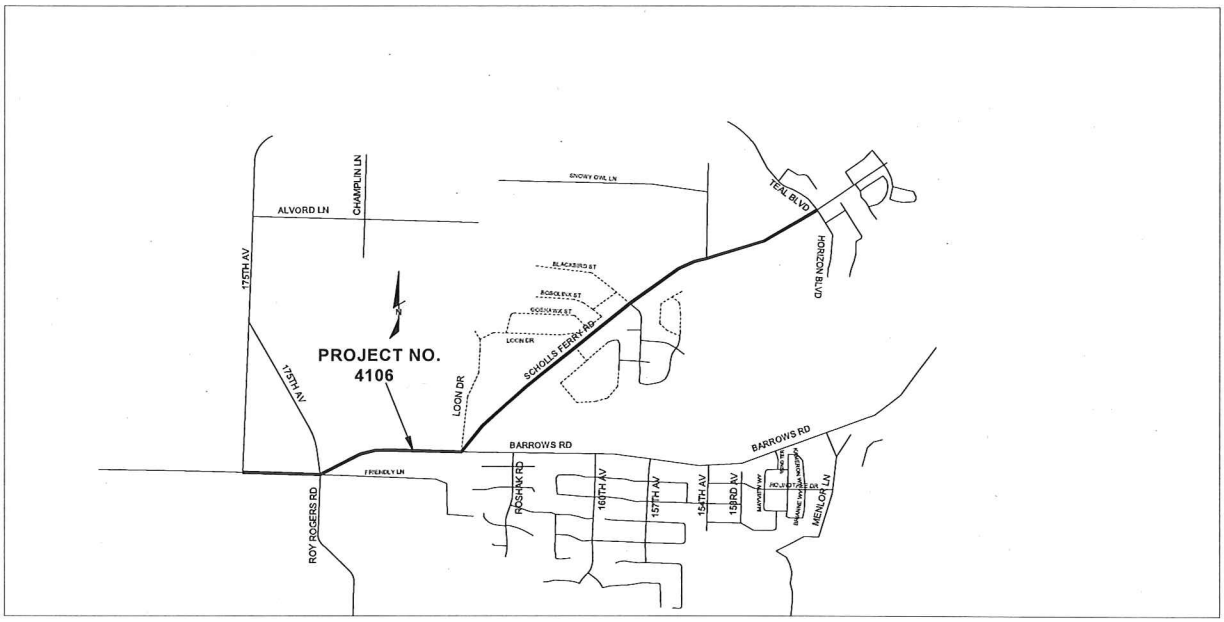
Water

Project Number: 4106

Project Name: Scholls Ferry Rd (Roy Rogers-Teal) Waterline & Sanitary Improvements

Project Description: Installation of 2,100 LF of 24-inch waterline in SW Scholls Ferry Rd from SW Teal Blvd to SW Roy Rodgers Rd/175th Ave. Installation of 27-inch sanitary sewer pipe in a length to be determined.

Map:



Project Justification: The City must complete utility improvements before or in conjunction with Washington County MSTIP street improvement project. City and/or CWS are responsible for all improvements and adjustments to the sanitary sewer and water systems necessitated by the street project. The MSTIP project will widen Scholls Ferry Rd to 5 lanes, which will consist of two lanes in each direction and a center turn lane. Additional improvements include sidewalks, bike lanes, street lighting, and improved sight distance at the intersections. More information about this street project is available at http://www.co.washington.or.us/LUT/TransportationProjects/scholls-ferry-roy-rogers-to-teal.cfm?page=About

Project Status: The start date for construction of the street project is 4-29-13 and the estimated completion date is 12-20-13. The water and sanitary sewer improvements will be constructed in concert with the street improvements.

Estimated Date of Completion: 12/20/2013

Estimated Project Cost: $1,800,000

First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4106	3620	Water Extra Capacity Supply	$100,000	FY2012/13
	3850	Sewer Maint/Replacement	$30,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($30,000)	FY2012/13
		Total for FY:	$100,000	

Project Data

Project Number: 4001

Project Name: Fire Hydrant Replacement Program

Project Description: Replace old and outdated fire hydrants to improve the supply of water for fire fighting. In 1998, the City of Beaverton initiated a formal program to assess and upgrade the 2,100 City-owned fire hydrants used to fight fires by Tualatin Valley Fire & Rescue (TVF&R). This replacement program is being coordinated with TVF&R in order to systematically prioritize fire hydrants to be replaced.

First Year Budgeted: FY98/99

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4001	3705	Water Services	$80,000	FY2012/13
		Total for FY:	$80,000	

Project Number: 4006

Project Name: Water System Telemetry Upgrade

Project Description: Annual program to replace and upgrade portions of the water telemetry system in order to better manage and increase efficiency for the overall water supply and distribution system.

First Year Budgeted: FY02/03

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4006	3620	Water Extra Capacity Supply	$40,000	FY2012/13
		Total for FY:	$40,000	

Project Number: 4017

Project Name: Water System Hydraulic Modeling, Mapping & Master Planning

Project Description: Annual program for water system hydraulic modeling, fire flow analysis, and mapping to update the 1991 Master Plan.

First Year Budgeted: FY98/99

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4017	3700	Water Maint/Replacement	$50,000	FY2012/13
		Total for FY:	$50,000	

Project Number: 4018

Project Name: Wellhead Protection Plan

Project Description: Preparation and implementation of wellhead protection plans for Aquifer Storage & Recovery (ASR) wells 1, 2, 3, and 4.

First Year Budgeted: FY98/99

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4018	3620	Water Extra Capacity Supply	$5,000	FY2012/13
		Total for FY:	$5,000	

Project Number: 4021E

Project Name: ASR Consultant Support

Project Description: Consultant services to monitor, test and report to the State Water Resources Department the performance and operation of the City's Aquifer Storage & Recovery wells and other associated monitoring wells.

First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4021E	3701	Water Improvements	$40,000	FY2012/13
		Total for FY:	$40,000	

Project Number: 4024L

Project Name: FY12/13 Extra Capacity Supply System

Project Description: Projects that respond to unanticipated requirements for the City's water supply system to provide adequate water flows and pressures to meet the growing water demand. An example project would be the design and replacement of an old 2-inch pipe with a 6-inch or 8-inch DIP that was discovered during the progress of a CIP project in an older area of Beaverton.

First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4024L	3620	Water Extra Capacity Supply	$50,000	FY2012/13
		Total for FY:	$50,000	

Project Number: 4031L

Project Name: FY12/13 Small Works Water Maintenance

Project Description: Projects that respond to unanticipated water main breaks or discovery of pipes that require replacement.

First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4031L	3700	Water Maint/Replacement	$50,000	FY2012/13
	3701	Water Improvements	$50,000	FY2012/13
		Total for FY:	$100,000	

Project Number: 4060

Project Name: Water System Vulnerability Assessment & Security Upgrades

Project Description: Design and installation of security improvements at various water sites throughout the City.

First Year Budgeted: FY04/05

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4060	3701	Water Improvements	$20,000	FY2012/13
		Total for FY:	$20,000	

Sanitary Sewer System Improvement Projects
FY 2012-2013

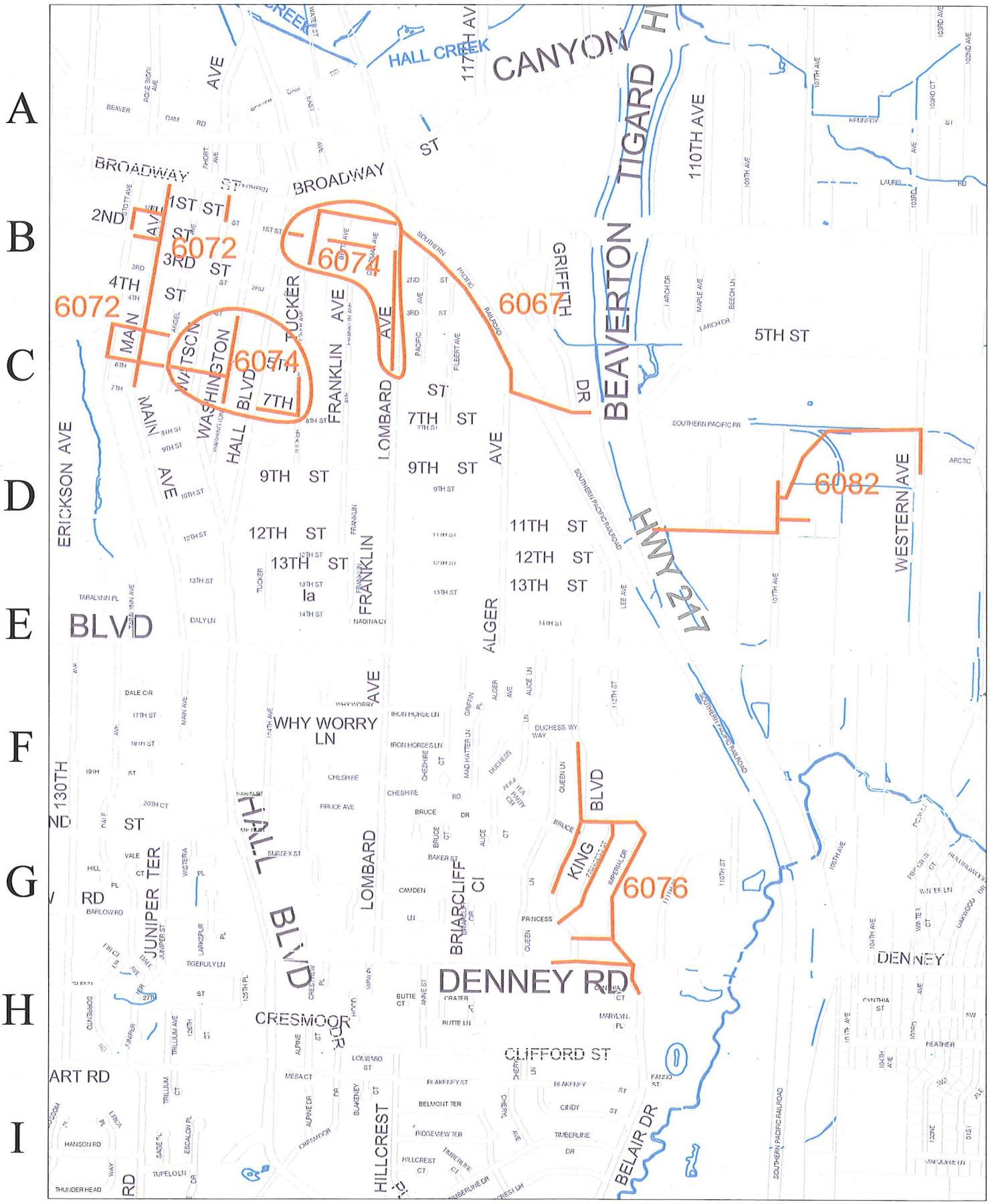
Sanitary Sewer Projects – Map Key

Project descriptions and funding can be found in the following section unless otherwise noted.

Project No.	Project Name	Map Location
4106*	Scholls Ferry Rd (Roy Rogers Rd-Teal Blvd) Waterline & Sanitary Improvements – see Water section for project details	D4, pg 80
6063*	Royal Woodlands West Utility Improvements	G3, pg 80
6067*	South Central Area "H" Sanitary & 5th St (Alger-Hwy 217) Waterline Improvements	C4, pg 79
6072*	Main Ave (7th-Farmington) Utility Improvements	B1, pg 79
6074*	South Central Area "D/F" Utility Improvements	C2, pg 79
6076*	Belaire Subdivision Utility Improvements Phase 1	G4, pg 79
6082*	Arctic Dr to 107th St Utility Improvements	D6, pg 79
6083*	South Cooper Mountain Infrastructure Study	NA

* Denotes multi-year project

Sanitary Sewer Projects FY 2012 - 2013



Sanitary Sewer Projects FY 2012 - 2013

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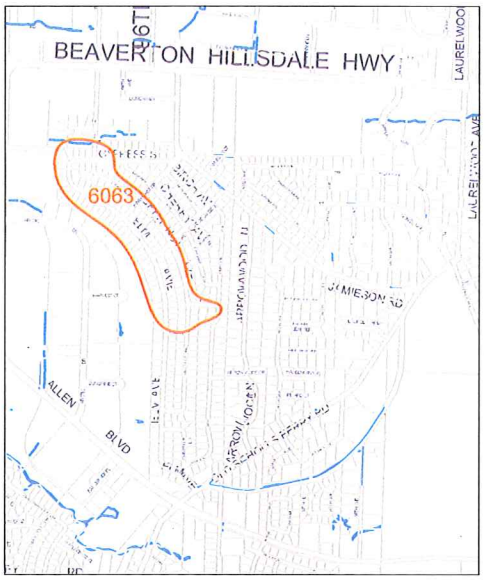

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City of Beaverton
2012-2013 CIP

Project Data

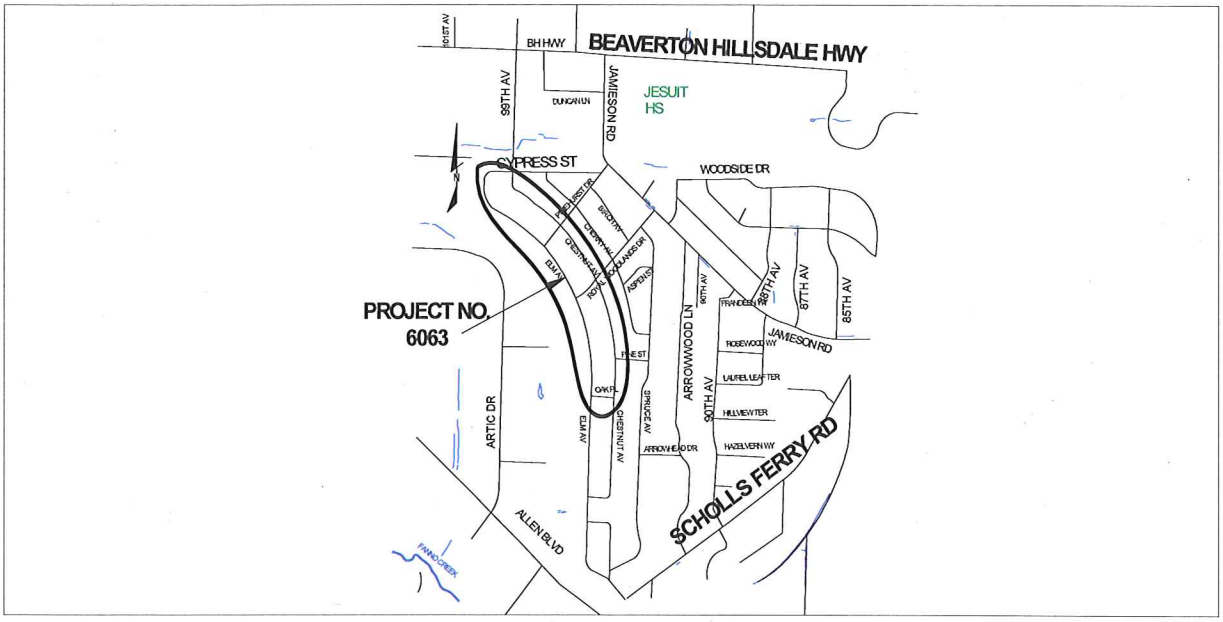
Sewer

Project Number: 6063

Project Name: Royal Woodlands West Utility Improvements

Project Description: Replace or rehabilitate 6,115' of old 8" sanitary sewer main lines and associated laterals in the area bordered by Elm Ave on the west, Cypress St on the north, Chestnut Ave on the east, and Oak St on the south. Replacement of waterlines and associated structures to be determined. Replacement of storm drainage pipes and structures to be determined.

Map:



Project Justification: Sanitary: Constructed in 1950s, the sanitary pipes in the project area have a very high level of infiltration/inflow and are in a poor condition. The pipes also have root intrusion problems in areas and require a high level of maintenance. The project was identified as Rehabilitation Project Q in the 2004 Sanitary Sewer Master Plan update. Water: The existing cast iron water lines are old and subject to main breaks. Storm drainage: The existing pipes and structures are in poor condition and, in some cases, insufficient in size to provide adequate service.

Project Status: FY11/12: Determine project limits, notify adjacent property owners, begin scans of private sewer laterals, and prepare preliminary base map..
FY12/13: Complete survey and begin design by consultant.

Estimated Date of Completion: 06/30/2013 (Design only)

Estimated Project Cost: $2,713,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6063	3620	Water Extra Capacity Supply	$10,000	FY2012/13
	3811	Sewer SDC	$30,000	FY2012/13
	3850	Sewer Maint/Replacement	$60,000	FY2012/13
	3950	Storm Maint/Replacement	$10,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($45,000)	FY2012/13
		Total for FY:	$65,000	

City of Beaverton
2012-2013 CIP

Project Data

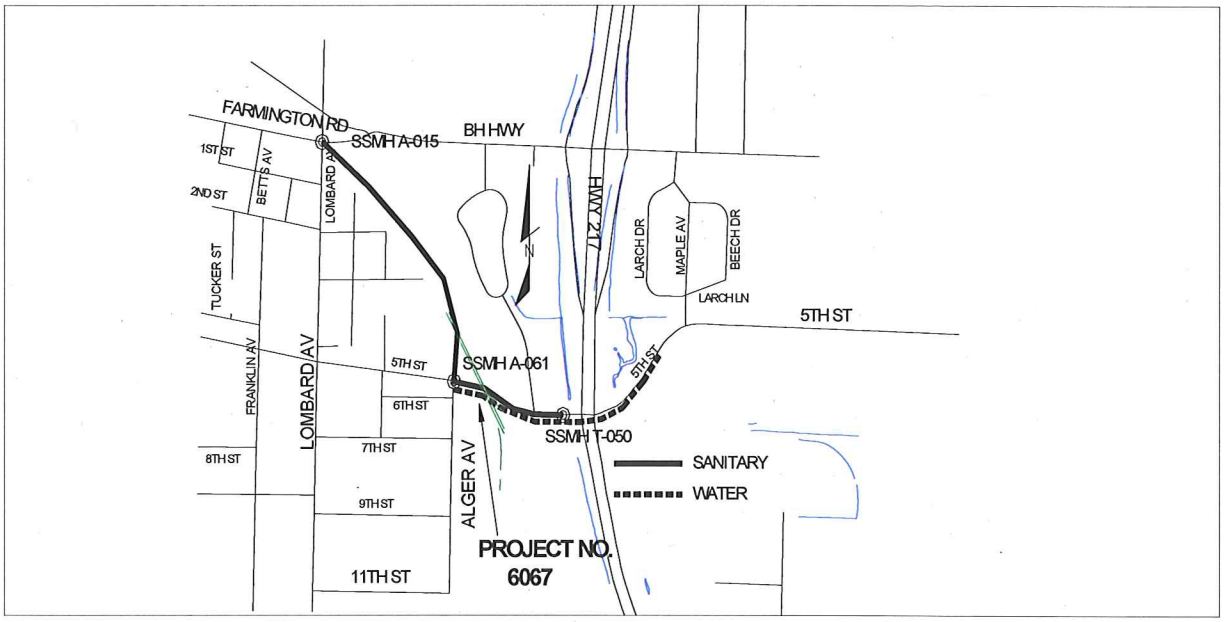
Sewer

Project Number: 6067

Project Name: South Central "H" Sanitary & 5th St (Alger-Hwy 217) Waterline Improvements

Project Description: Replace or rehabilitate 2,600 LF of existing 12-inch and 18-inch sanitary sewer main line between SSMH A-015, SSMH A-061 and SSMH T-050. Replace 1,265' of 10" cast iron waterline with 16" ductile iron waterline on 5th St between Alger Ave and east of Hwy 217.

Map:



Project Justification: Sanitary: The sanitary main lines in the project area have been identified in the 2008 CWS Master Plan Update as deficient in capacity for both existing and build out conditions. Water: The existing cast iron water lines are old and undersized.

Project Status: FY10/11: Begin design and ECO Assessment. FY11/12: WRG/Cardno completed ECO Assessment and design. Emery & Sons Construction began construction in April 2012. FY12/13: Complete construction in September 2012.

Estimated Date of Completion: 09/30/2012

Estimated Project Cost: $1,060,000

First Year Budgeted: FY09/10

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6067	3620	Water Extra Capacity Supply	$225,000	FY2012/13
	3701	Water Improvements	$31,000	FY2012/13
	3850	Sewer Maint/Replacement	$274,577	FY2012/13
	CWS	IGA w/ Clean Water Services	($225,323)	FY2012/13
		Total for FY:	$305,254	

City of Beaverton
2012-2013 CIP

Project Data

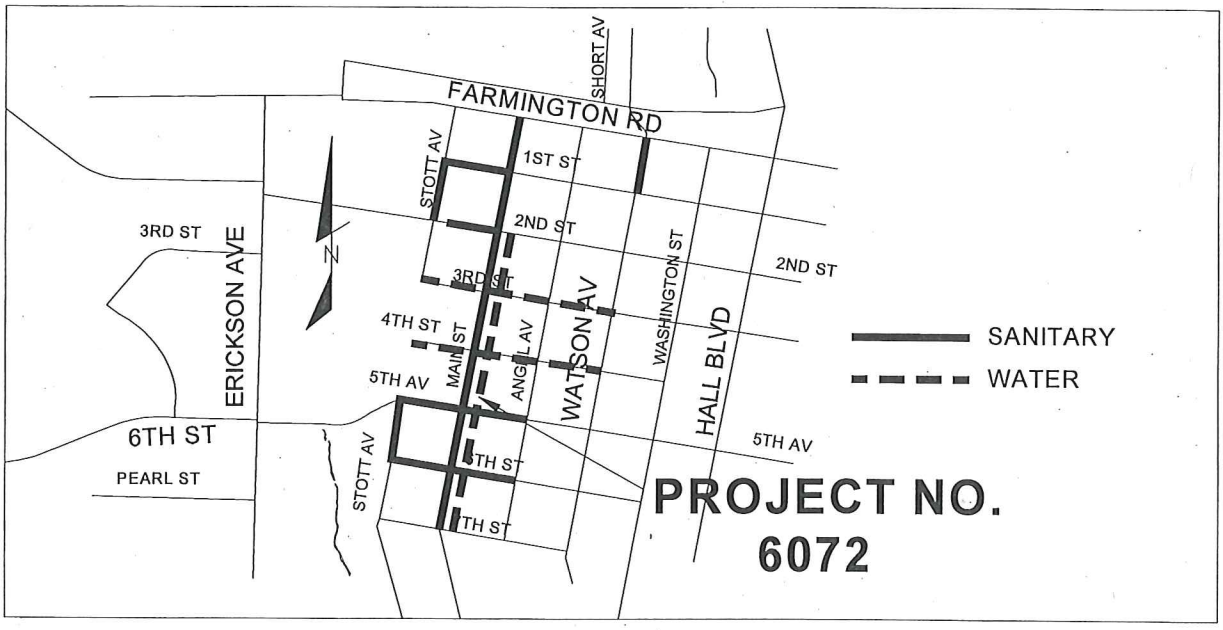
Sewer

Project Number: 6072

Project Name: Main Ave (7th-Farmington) Utility Improvement Project

Project Description: Sanitary: Replace or rehabilitate approximately 100 sewer services totaling 6,000 feet and approx 3,700 feet of existing 8-inch concrete sanitary sewer main lines on Main Ave from 7th St to Farmington Rd. Also, replace or rehabilitate approximately 47 sewer services totaling 2,820 feet and approx 5,300 feet of existing 8-inch and 10-inch concrete sanitary sewer main lines on Main Ave, 1st St, Stott Ave, and Watson Ave. Water: Replace approximately 1,750 feet of 2-inch waterline on 3rd St and 4th St between Stott Ave and Watson Ave with 6 and 8-inch ductile iron waterline and install additional fire hydrants to improve circulation and fire flow in the neighborhood. Install 1300 feet of 8-inch waterline on Main Ave between 7th St and 2nd St. Storm Drain: Make localized repairs to the storm drain system.

Map:



Project Justification: Sanitary: The sanitary pipes in the project area are 50-60 years old and have a very high level of infiltration/inflow, are in a poor condition, and require replacement or rehabilitation in accordance with the 2002 Sanitary Sewer Master Plan and the 2004 Master Plan Update. Water: The existing cast iron water lines are old and undersized for adequate fire protection. Storm drainage: The existing pipes and structures require localized repairs.

Project Status: FY 09/10: Begin design. FY10/11: Complete design. FY11/12: Begin construction. City forces will complete all replacement and/or rehabilitation work in the spring/summer of 2012. The scope of work for CIP 6075 (South Central E Utility Improvements) has been included in the scope of work for CIP 6072. The scope of work for CIP 4094 (3rd & 4th Street Waterline Improvements, Stott to Watson) has also been included in the scope of work for CIP 6072. Construction of waterline work by City Forces is planned for the fall/winter of FY12/13.

Estimated Date of Completion: 11/30/2012

Estimated Project Cost: $995,000

First Year Budgeted: FY09/10

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6072	3701	Water Improvements	$505,000	FY2012/13
	3850	Sewer Maint/Replacement	$400,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($200,000)	FY2012/13
		Total for FY:	$705,000	

City of Beaverton
2012-2013 CIP

Project Data

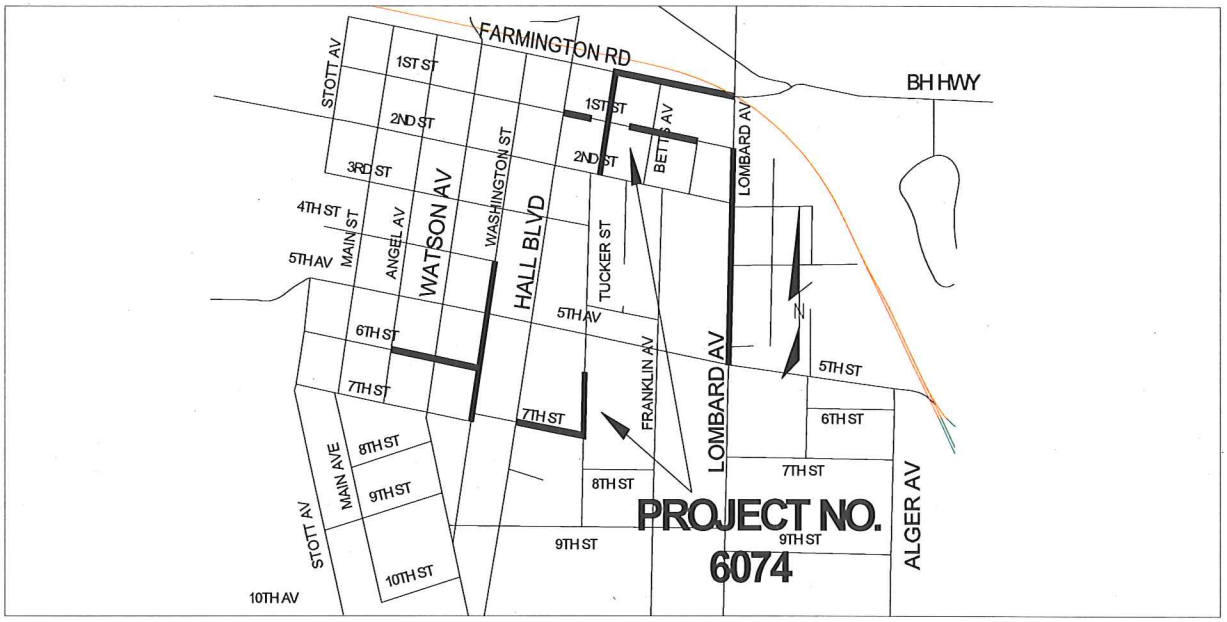
Sewer

Project Number: 6074

Project Name: South Central Area "D/F" Utility Improvements

Project Description: Replace or rehabilitate 4,093 feet of old 8-inch and 10-inch sanitary sewer main lines and associated laterals in the area bordered by Main Ave on the west, Farmington Rd on the north, Lombard Ave on the east, and 9th St on the south. Minor replacement of waterlines and associated structures to be determined. Minor replacement of storm drainage pipes and structures to be determined.

Map:



Project Justification: All sanitary sewer pipes in the project area are at least 50 years old with high levels of infiltration and inflow. The project was identified as Rehabilitation Projects D and F in the 2004 Sanitary Sewer Master Plan update. Portions of these areas have been rehabilitated as part of CIP 4067B, CIP 4010, and CIP 6067.

Project Status: FY12/13: Complete design and begin construction. FY13/14: Complete construction.

Estimated Date of Completion: 11/15/2013

Estimated Project Cost: $850,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6074	3850	Sewer Maint/Replacement	$850,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($420,000)	FY2012/13
		Total for FY:	$430,000	

City of Beaverton
2012-2013 CIP

Project Data

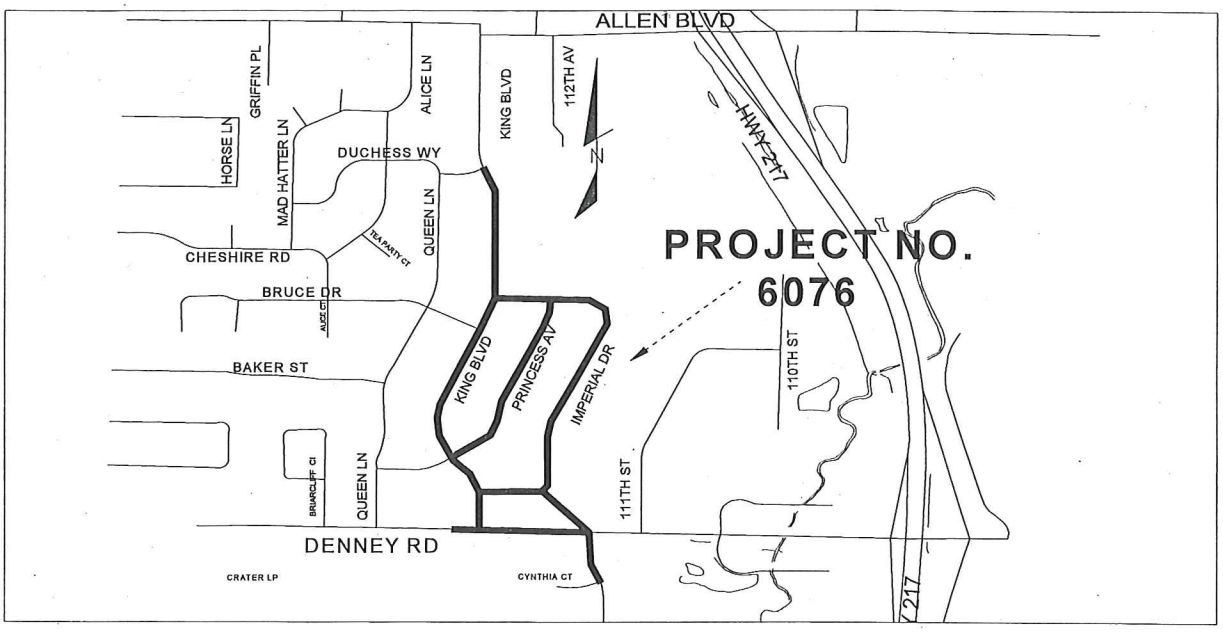
Sewer

Project Number: 6076

Project Name: Belaire Subdivision Utility Improvements Phase 1

Project Description: Replace or rehabilitate 5,170 feet of old 8-inch sanitary sewer main lines and associated laterals in the area bordered by 111th St on the east, Bruce Dr on the north, King Blvd on the west, and Denney Rd on the south. Install extension of a 12-inch waterline and associated structures at Wonderland Park. Replace storm drainage pipes and structures primarily in the vicinity of Imperial Dr.

Map:



Project Justification: Sanitary: Constructed in 1959, the sanitary pipes in the project area have a very high level of infiltration/inflow and are in a poor condition. The pipes also have severe root intrusion problems in areas and require a high level of maintenance. The project was identified as Rehabilitation Project M in the 2004 Sanitary Sewer Master Plan update. Water: The existing cast iron water lines are old and subject to main breaks. Storm drainage: The existing pipes and structures require localized repairs.

Project Status: FY10/11: Complete study of the public utilities in the Belaire Subdivision Phase 1 area and make recommendation on the utilities to be replaced or rehabilitated. Secure CWS funding for FY2011/12. City staff began design in Jan 2011. Survey by Westlake Consultants was completed in Aug 2010. Inspection of sanitary sewer laterals completed in the Summer of 2010. FY11/12: IGA with CWS approved 8-19-11. City staff completed design in Feb 2012. Project advertised 2-22-12. ECO Assessment began in Apr 2011 and was completed 12-9-11. Bids opened 3-22-12 and low bidder was Canby Excavating. Construction began 5-7-12 and is expected to be complete by 12-21-12.

Estimated Date of Completion: 12/21/2012

Estimated Project Cost: $1,500,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6076	3620	Water Extra Capacity Supply	$20,000	FY2012/13
	3811	Sewer SDC	$66,000	FY2012/13
	3850	Sewer Maint/Replacement	$680,000	FY2012/13
	3950	Storm Maint/Replacement	$65,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($384,500)	FY2012/13
		Total for FY:	$446,500	

City of Beaverton
2012-2013 CIP

Project Data

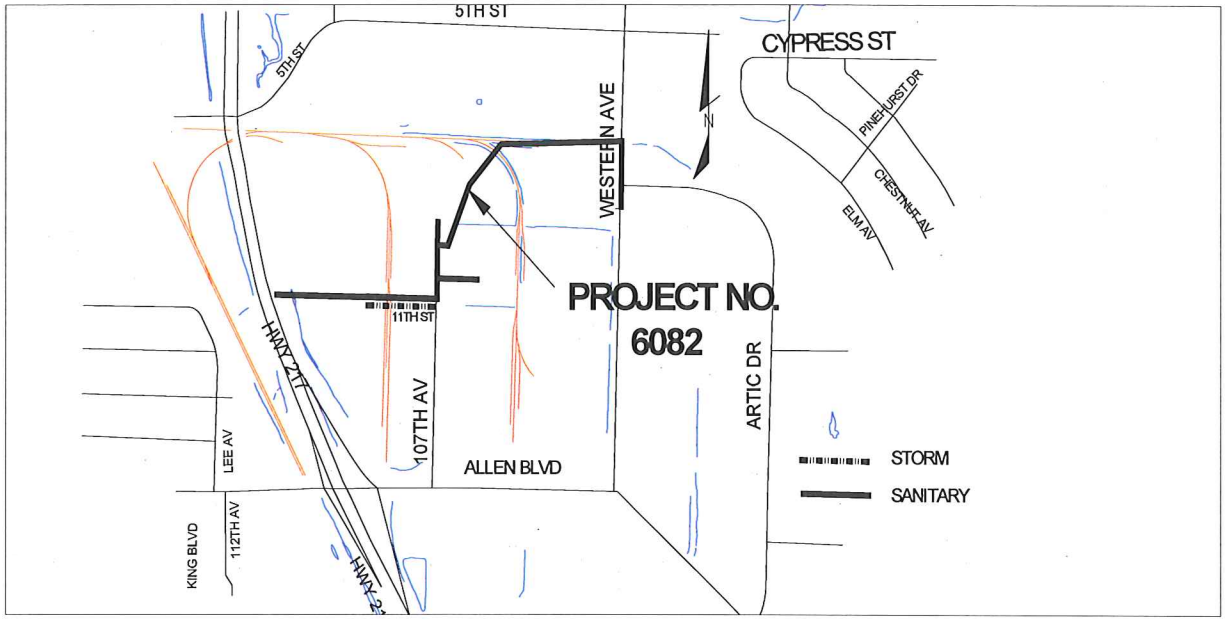
Sewer

Project Number: 6082

Project Name: Arctic Dr to 107th Ave Utility Improvements

Project Description: Replace or rehabilitate 3,750 feet of existing 8- and 12-inch sanitary sewer pipe that serves the industrial area east of Hwy 217 and north of Allen Blvd. Install an additional 24-inch storm drain pipe on 11th St west of 107th St.

Map:



Project Justification: Existing sanitary pipe is badly corroded and in immediate need of rehabilitation. Existing storm drain pipes are undersized which contributes to localized flooding.

Project Status: FY10/11: Begin sanitary sewer improvement design by HDR Inc. FY11/12: Complete design and begin construction. City staff is designing the storm drain improvements. The storm drain improvements, formerly CIP 8115, have been included in CIP 6082. FY12/13: Complete construction.

Estimated Date of Completion: 11/30/2012

Estimated Project Cost: $1,200,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6082	3850	Sewer Maint/Replacement	$300,000	FY2012/13
	3915	Storm SDC Conveyance	$270,000	FY2012/13
	CWS	IGA w/ Clean Water Services	($250,000)	FY2012/13
		Total for FY:	$320,000	

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City of Beaverton
2012-2013 CIP

Project Data

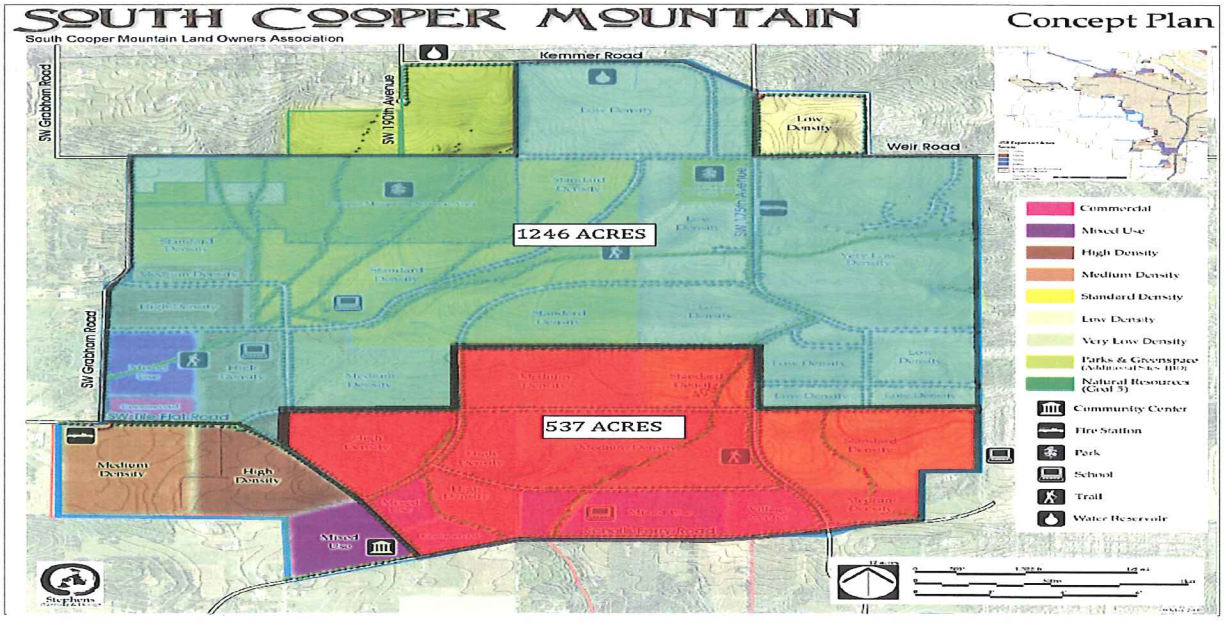
Sewer

Project Number: 6083

Project Name: South Cooper Mountain Infrastructure Study

Project Description: Conduct a study of the public infrastructure required to support the development of approximately 1,783 acres of land recently added to the Urban Growth Boundary.

Map:



Project Justification: The existing public infrastructure for water, sanitary sewer, storm drainage and streets will not support future development. Planning is needed to determine demand, pipe sizes and alignments, the size and location of storage facilities and pump stations (if needed), and cost estimates in order to insure that facilities can be available to support development.

Project Status: FY 11/12: Completed predesign by City staff. FY 12/13: Complete concept planning & preliminary design by City staff.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $100,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
6083	101	Street Fund	$25,000	FY2012/13
	3620	Water Extra Capacity Supply	$25,000	FY2012/13
	3811	Sewer SDC	$40,000	FY2012/13
	3915	Storm SDC Conveyance	$10,000	FY2012/13
		Total for FY:	$100,000	

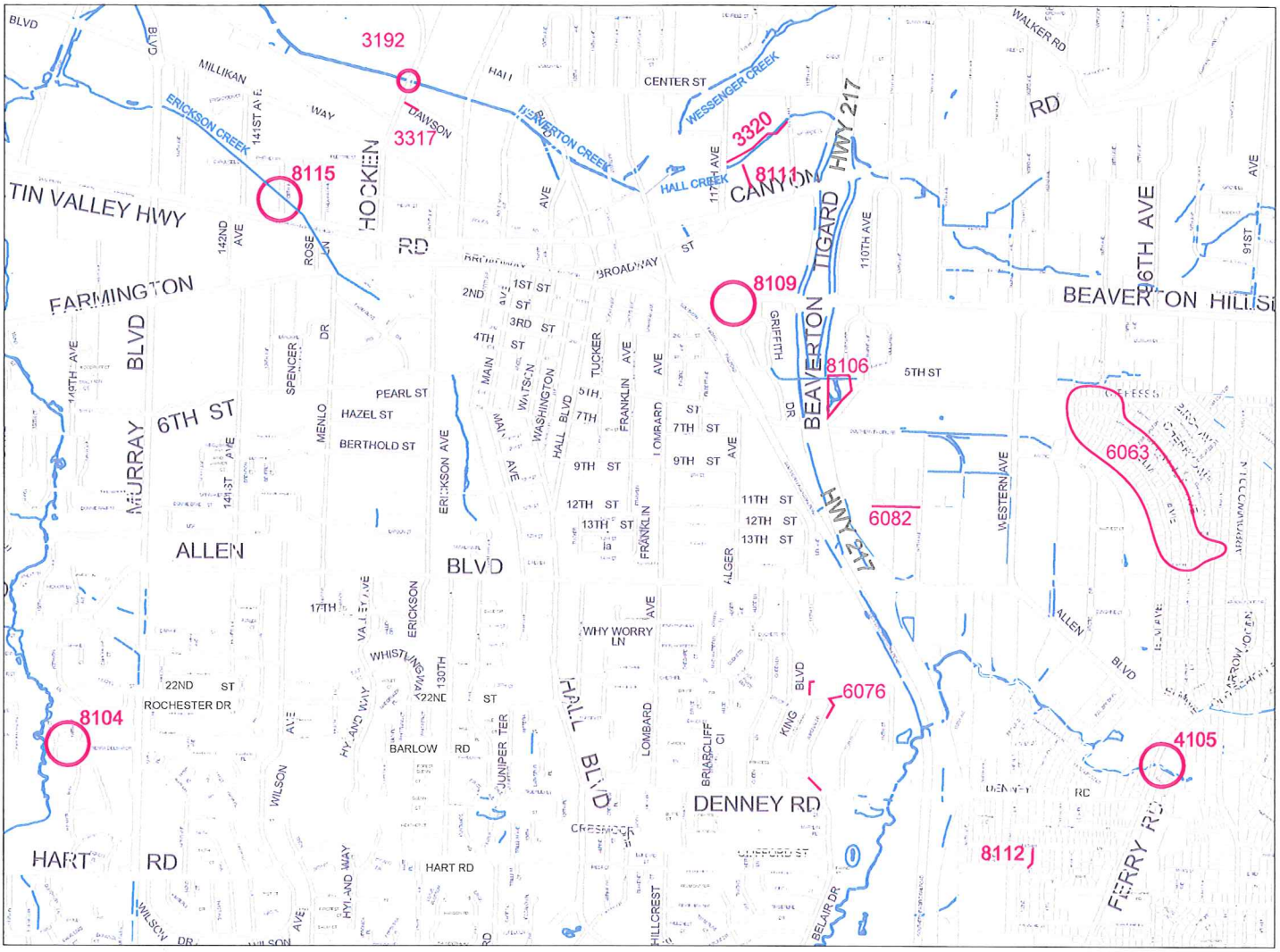
Storm Drainage Improvement Projects
FY 2012-2013

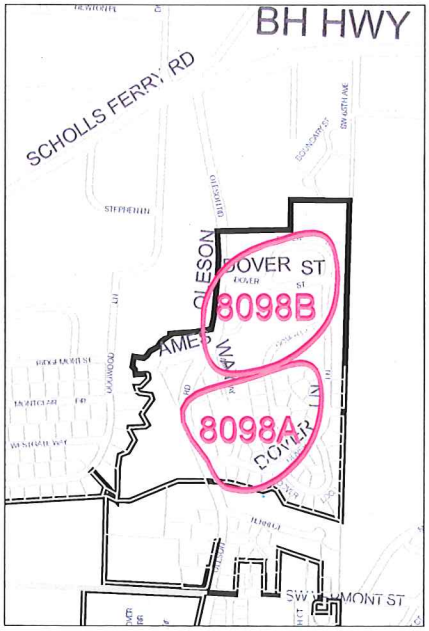
Storm Drainage Projects – Map Key

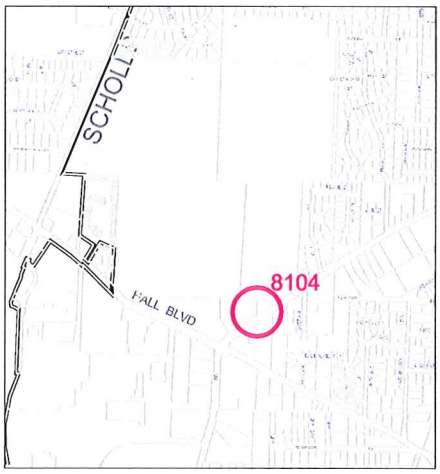
Project No.	Project Name	Map Location
3192*	Hocken Ave Bridge and Street Improvements at Beaverton Creek – see Transportation section for project details	A2
3317*	Dawson Wy Extension at Hocken Ave – see Transportation section for project details	A2
3310*	Beaverton Downtown Creek Master Planning – see Civic section for project details	NA
3220*	Hall Creek and Pathway (114th-117th) Enhancement - see Civic section for project details	A4
4105*	Scholls Ferry Rd/Fanno Creek Bridge Utility Adjustments	E7
6063*	Royal Woodlands West Utility Improvements- see Sanitary section for project details	C7
6076*	Belaire Subdivision Utility Improvements Phase 1- see Sanitary section for project details	D5
6082*	Arctic Dr to 107th Ave Utility Improvements - see Sanitary section for project details	C5
8098A*	Storm Drainage Improvements at Dover Ln Near Oleson Rd (Dover South)	H1
8098B*	Storm Drainage Improvements at Dover Ln Near Oleson Rd (Dover North)	G1
8102	Storm Drainage Repair on Overlay Streets	NA
8104*	Murray Blvd & Oleson Rd Storm Filter Vaults Retrofit	E1/H4
8106*	Little People's Park Storm Detention Pond Enhancement	C5
8109*	BH Hwy at Griffith Dr Outfall Retrofit	B4
8111*	11600 SW Canyon Rd Water Quality Swale	A5
8112*	102nd Ave South of Heather Storm Drain Improvements	E6
8115*	139th Ave Storm Maintenance Access & Pretreatment Manhole	A2

* Denotes multi-year project

Storm Drainage Projects FY 2012-2013







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City of Beaverton
2012-2013 CIP

Project Data

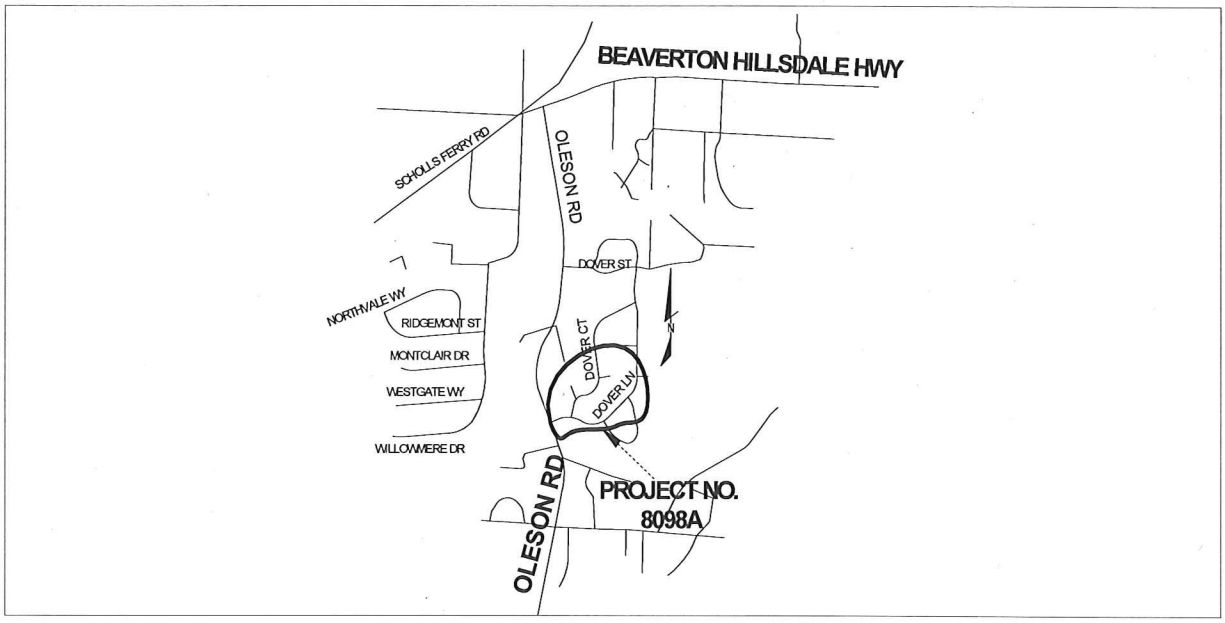
Storm

Project Number: 8098A

Project Name: Storm Drain Realignment at Dover Ln Near Oleson Rd (Dover South)

Project Description: Rehabilitate, replace, and/or realign storm drain pipes that are both old and difficult to access for maintenance.

Map:



Project Justification: Storm drainage: Existing pipes are in need of repair and are difficult to access because they are along side yards (some pipes are even under existing structures). The idea to take advantage of new water quality structures installed by the Oleson Rd (MSTIP3) project has proven not practical. The scope of the Dover Ln storm drainage improvements has expanded because nearly all of the storm system on Dover Ln and adjacent streets is in need of rehabilitation or replacement. There are now two projects: Dover South (CIP 8098A) and Dover North (CIP 8098B).

Sanitary: Many "pig-tailed" or shared sanitary sewer connections were found in this area which does not meet the City requirement of one separate and complete sanitary sewer service for each tax lot. In addition, staff is investigating the need for structural repairs to sanitary sewer pipes to prevent sink holes in the public right-of-way. Also, because the area drains to a City of Portland treatment plant, there is no coordination with CWS for funding in order to reduce inflow & infiltration.

Project Status: FY11/12: Continue study of the existing storm drain pipes and system and develop alternatives. Begin design. FY12/13: Complete project design. FY13/14: Complete construction.

Estimated Date of Completion: 09/30/2014

Estimated Project Cost: $118,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8098A	3950	Storm Maint/Replacement	$33,000	FY2012/13
		Total for FY:	$33,000	

City of Beaverton
2012-2013 CIP

Project Data

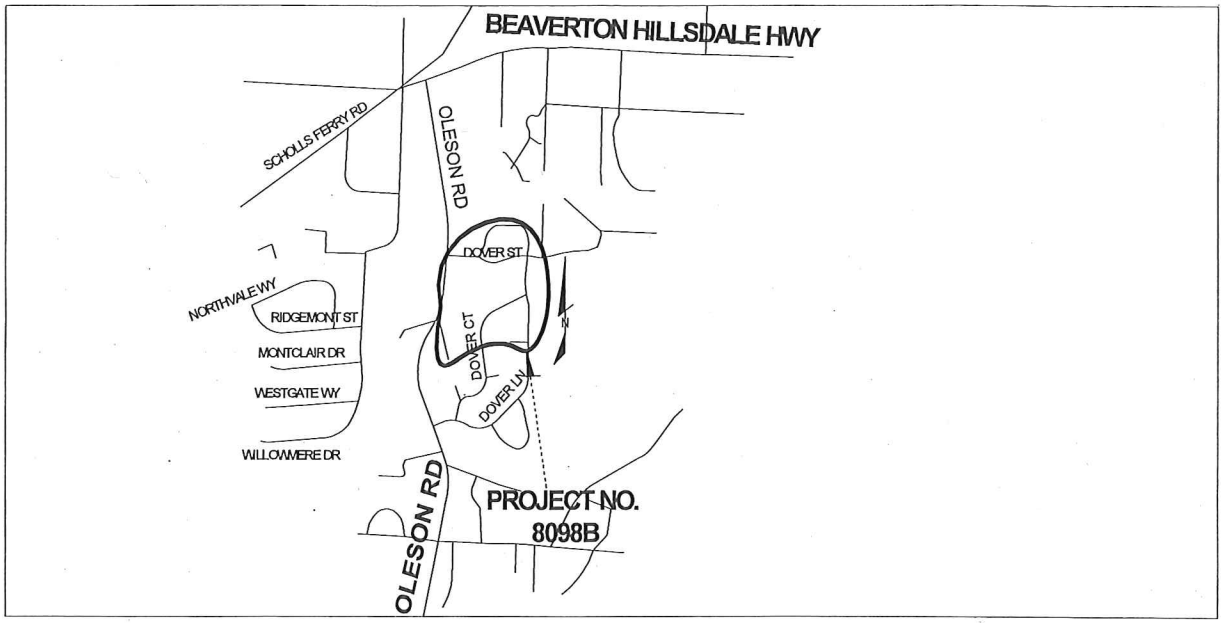
Storm

Project Number: 8098B

Project Name: Storm Drain Realignment at Dover Ln Near Oleson Rd (Dover North)

Project Description: Rehabilitate, replace, and/or realign storm drain pipes that are both old and difficult to access for maintenance.

Map:



Project Justification: Storm drainage: Existing pipes are in need of repair and are difficult to access because they are along side yards (some pipes are even under existing structures). The idea to take advantage of new water quality structures installed by the Oleson Rd (MSTIP3) project has proven not practical. The scope of the Dover Ln storm drainage improvements has expanded because nearly all of the storm system on Dover Ln and adjacent streets is in need of rehabilitation or replacement. There are now two projects: Dover South (CIP 8098A) and Dover North (CIP 8098B).

Sanitary: Many "pig-tailed" or shared sanitary sewer connections were found in this area which does not meet the City requirement of one separate and complete sanitary sewer service for each tax lot. In addition, staff is investigating the need for structural repairs to sanitary sewer pipes to prevent sink holes in the public right-of-way. Also, because the area drains to a City of Portland treatment plant, there is no coordination with CWS for funding in order to reduce inflow & infiltration.

Project Status: FY11/12: Continue study of the existing storm drain pipes and system and develop alternatives. Begin design. FY12/13: Complete project design and begin construction. FY13/14: Complete construction.

Estimated Date of Completion: 09/30/2013

Estimated Project Cost: $480,000

First Year Budgeted: FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8098B	3850	Sewer Maint/Replacement	$20,000	FY2012/13
	3950	Storm Maint/Replacement	$440,000	FY2012/13
		Total for FY:	$460,000	

City of Beaverton
2012-2013 CIP

Project Data

Storm

Project Number:	8102
Project Name:	Storm Drainage Repair on Overlay Streets
Project Description:	Repair of storm drainage pipes and structures on streets scheduled for a pavement rehabilitation during the fiscal year (see FY2012/13 Street Overlay list).
Project Justification:	The repair of public utilities needs to be completed prior to the pavement rehabilitation.
Project Status:	Engineering staff assesses the condition of the existing storm drain system on streets scheduled for rehabilitation and makes recommendation to Operations staff on what repairs are needed. City Forces make repairs prior to street rehabilitation.
Estimated Date of Completion:	06/30/2013
Estimated Project Cost:	$140,000
First Year Budgeted:	FY10/11

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8102	3950	Storm Maint/Replacement	$140,000	FY2012/13
		Total for FY:	$140,000	

City of Beaverton
2012-2013 CIP

Project Data

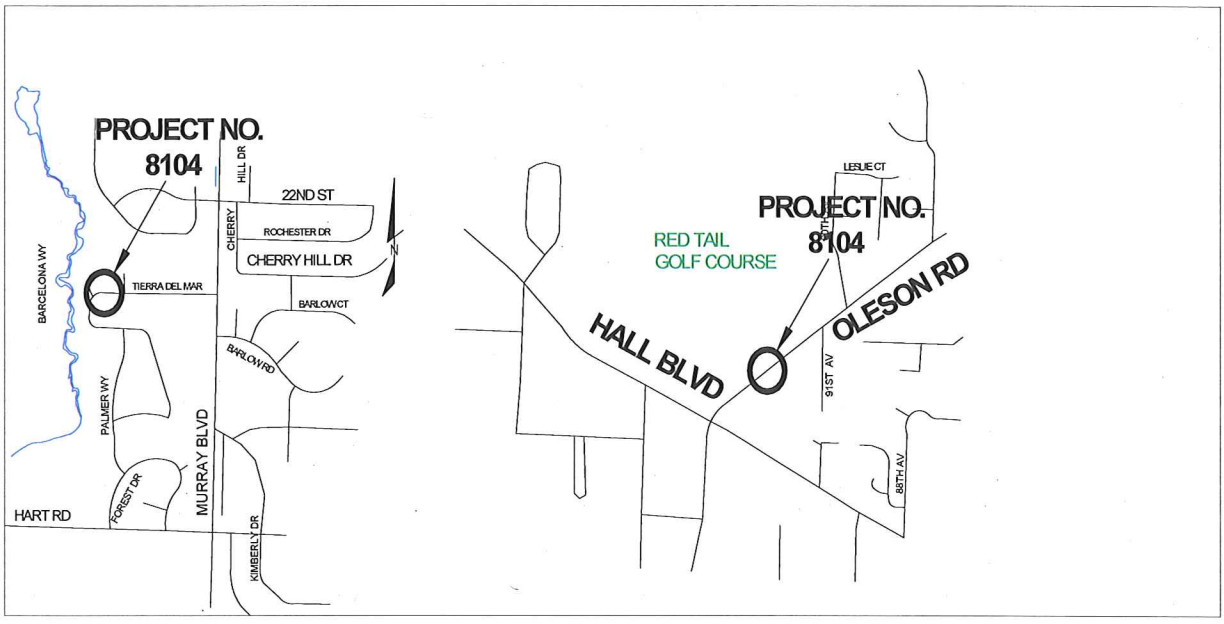
Storm

Project Number: 8104

Project Name: Murray Blvd & Oleson Rd Storm Filter Vaults Retrofit

Project Description: The project goal is to develop and install debris and leaf trap structures in order to reduce maintenance frequency.

Map:



Project Justification: Fall leaf drop is overwhelming the existing stormwater treatment systems with organic matter, and winter-time gravel spreading by Washington County is prematurely filling the stormwater treatment system with debris. These two occurrences have increased the need for maintenance to more than two times a year. Public Works-Operations requested that structural changes be incorporated to decrease the maintenance frequency.

Project Status: FY11/12: Begin design. FY12/13: Complete design. Complete construction by City Forces.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $60,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8104	3917	Storm SDC Water Quality	$50,000	FY2012/13
		Total for FY:	$50,000	

City of Beaverton
2012-2013 CIP

Project Data

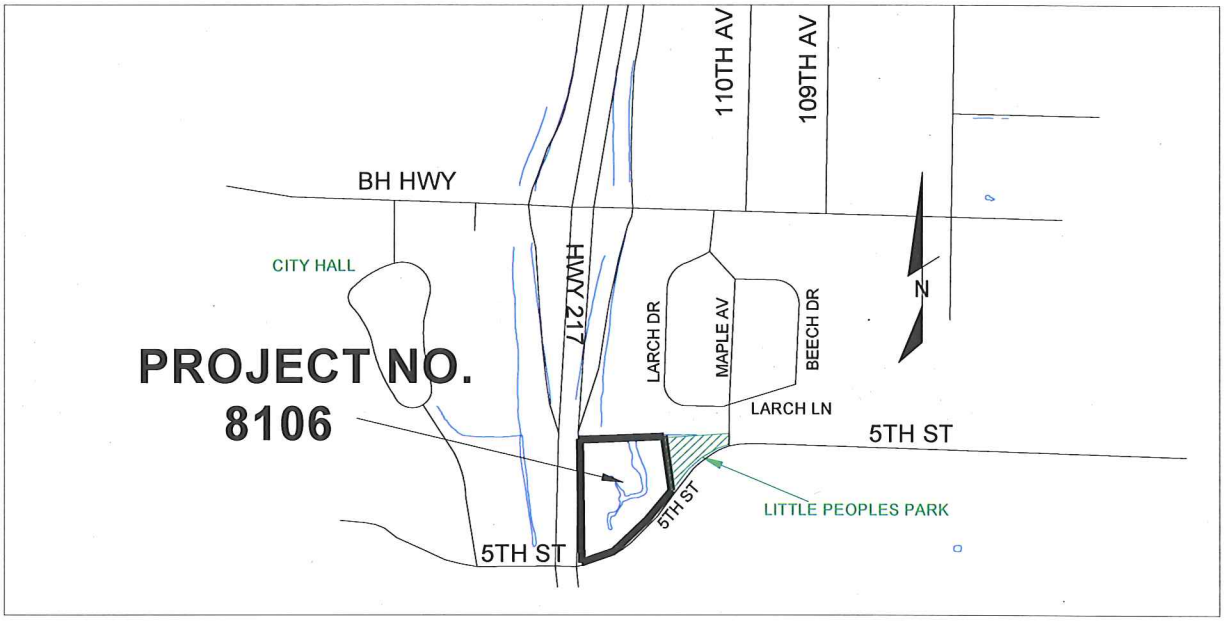
Storm

Project Number: 8106

Project Name: Little People's Park Storm Detention Pond Enhancement

Project Description: The project consists of improving connections to the wetland/floodplain features of the existing regional detention pond located adjacent to Beaverton Creek at Little People's Park in the City of Beaverton. This regional detention pond helps to reduce flooding frequency of the downtown Beaverton area. The project will also consist of invasive species removal, grading and replanting in order to restore the water quality benefits of this regional facility. No improvements to the existing improved park, surrounding streets or the existing sanitary sewer line are anticipated with the project.

Map:



Project Justification: Currently, Beaverton Creek primarily bypasses the wetland area within the banks of a straightened, incised channel. As proposed, this project will transform a degraded wetland / floodplain area into a valuable ecological asset by re-connecting Beaverton Creek to the wetland through invasive vegetation removal, grading, and vegetative enhancements. This project "re-natures" the site by restoring riparian, wetland and floodplain functions.

Project Status: FY11/12: Conduct site reconnaissance and investigation, complete engineering and landscape design and construction documents, and begin environmental permitting. Also, continue to search for funding partner(s). Begin design by AMEC. FY12/13: Complete design and begin construction. FY13/14: Complete construction.

Estimated Date of Completion: 09/30/2013

Estimated Project Cost: $280,000

First Year Budgeted: FY11/12

New Project: ☐

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8106	3950	Storm Maint/Replacement	$240,000	FY2012/13
		Total for FY:	$240,000	

City of Beaverton
2012-2013 CIP

Project Data

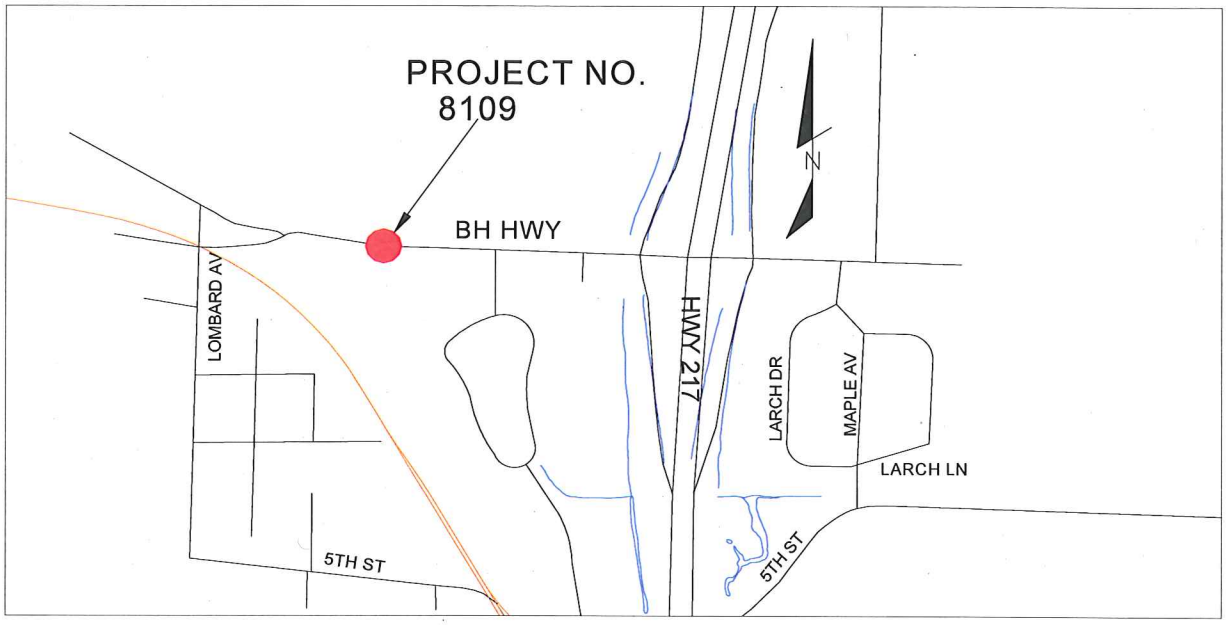
Storm

Project Number: 8109

Project Name: BH Hwy at Griffith Dr Outfall Retrofit

Project Description: The purpose of this project is to reduce oil and trash entering Beaverton Creek. This particular outfall has been identified as a significant outfall because a large watershed creates a high pollutant load.

Map:



Project Justification: There is no oil or trash removal system for this particular outfall. Currently this pollution is discharging directly to Beaverton Creek. The retrofit would capture oil and trash. Additionally, required MS4 permit from DEQ mandates that the City retrofit existing storm water outfalls with no pollution reduction systems. City staff applied for funding through ODOT and a significant portion of the project will be paid for by ODOT.

Project Status: FY11/12: Completed predesign. Survey completed and design started. City & ODOT in process of completing IGA. FY12/13: Complete construction by City Forces.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $200,000

First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8109	3917	Storm SDC Water Quality	$187,000	FY2012/13
	Grant - ODOT	ODOT Stormwater Retrofit	($149,900)	FY2012/13
		Total for FY:	$37,100	

City of Beaverton
2012-2013 CIP

Project Data

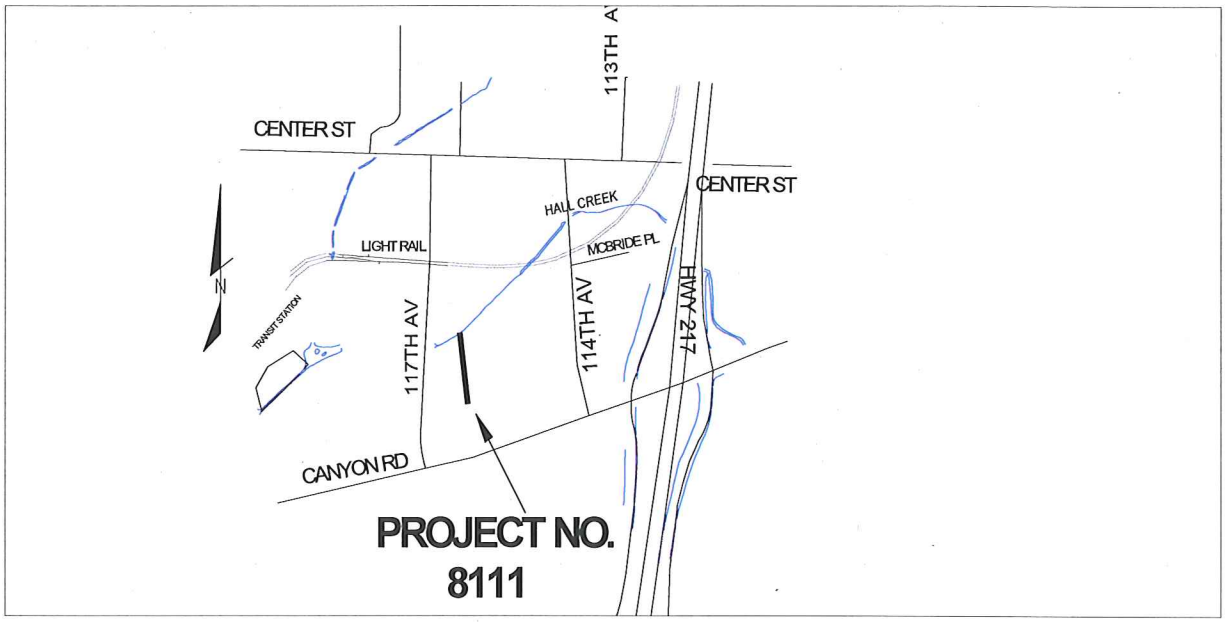
Storm

Project Number: 8111

Project Name: 11600 SW Canyon Rd Water Quality Swale

Project Description: Construct a surface water runoff treatment swale on easement land located near Hall Creek. Design will include grading, construction of retaining walls, and plantings.

Map:



Project Justification: As part of eliminating an unauthorized cross connection between the sanitary sewer system and the storm drainage system, a constructed surface water runoff treatment system is needed. This situation was not known when the FY 2011-12 CIP was prepared and was therefore added to the FY 2011-12 CIP because of its importance.

Project Status: FY11/12: Obtained easements from property owner (Carr Suburu and Assistance League of Portland). Concept design developed and approved by management. Piped section of the improvement completed in Jun 2012. FY12/13: The swale section of the improvement has been incorporated into CIP 3320.

Estimated Date of Completion: 11/29/2013

Estimated Project Cost: $95,000

First Year Budgeted: FY11/12

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8111	3917	Storm SDC Water Quality	$75,000	FY2012/13
		Total for FY:	$75,000	

City of Beaverton
2012-2013 CIP

Project Data

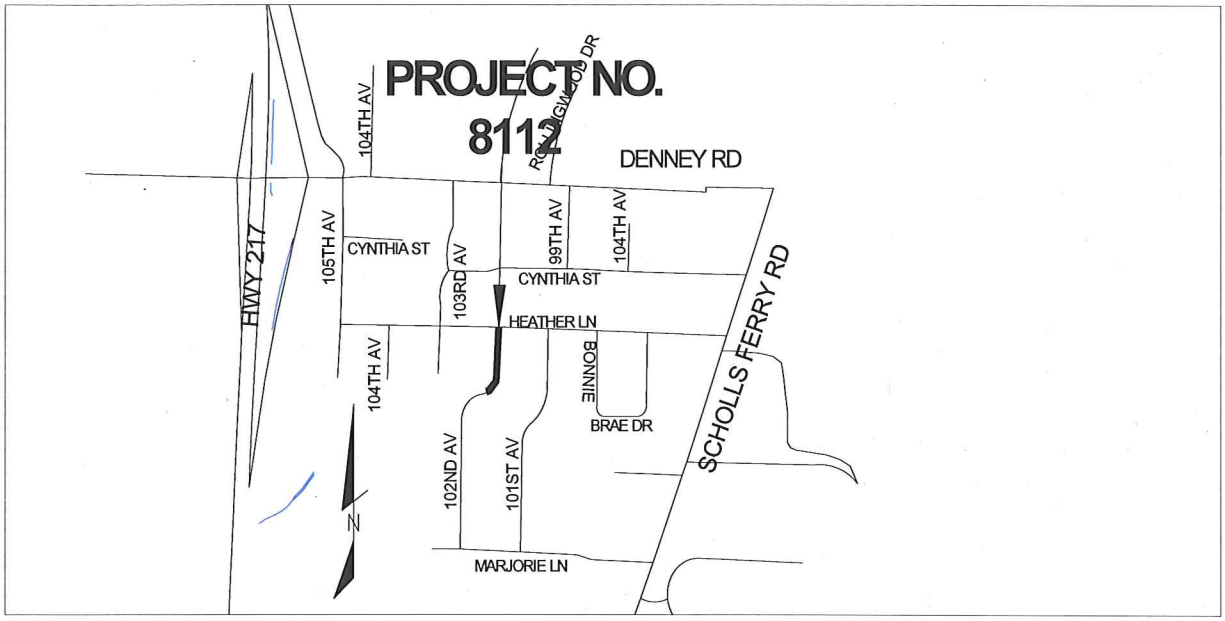
Storm

Project Number: 8112

Project Name: 102nd Ave South of Heather Storm Drain Improvements

Project Description: The purpose of this project is to replace approximately 300 of deteriorated storm pipe and associated structures.

Map:



Project Justification: The existing pipe run is full of roots, sags, and is prone to clogging. The size, location, and alignment of the pipes are not easy to maintain, and do not meet current City standards. Localized pavement failure has occurred, and repairing this prior to an overlay will avoid utility work in newly paved streets.

Project Status: FY 11/12: Completed predesign and survey by City staff. FY 12/13: Complete design by City staff. Complete construction by City Forces.

Estimated Date of Completion: 06/30/2013

Estimated Project Cost: $100,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8112	3950	Storm Maint/Replacement	$90,000	FY2012/13
		Total for FY:	$90,000	

City of Beaverton
2012-2013 CIP

Project Data

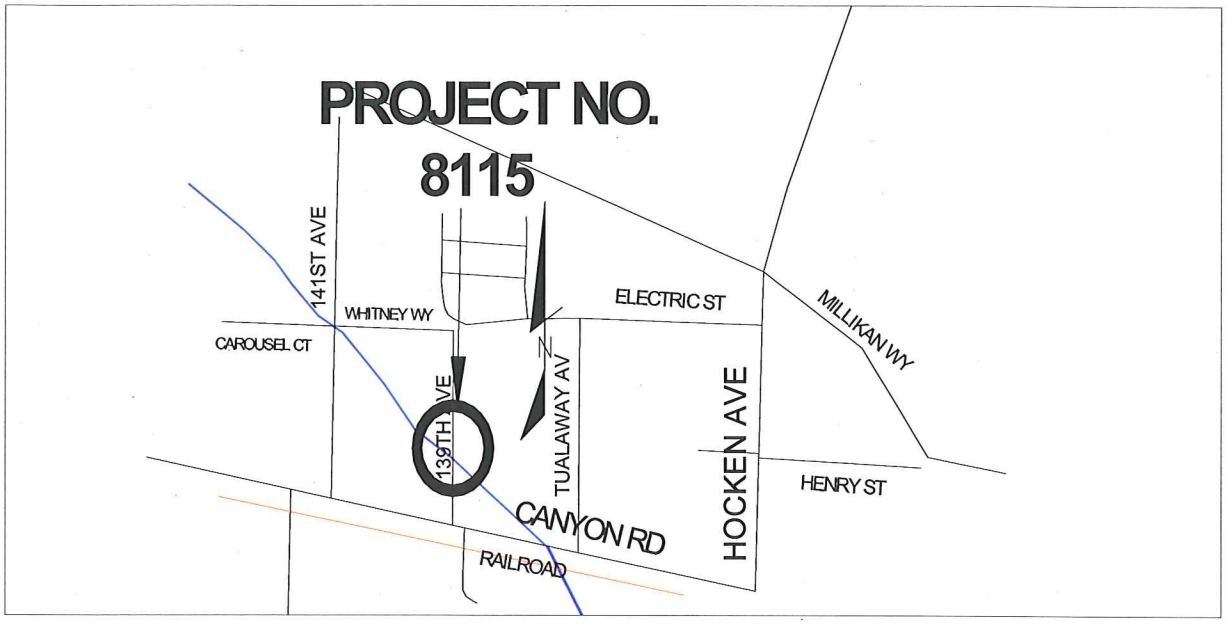
Storm

Project Number: 8115

Project Name: 139th Ave Storm Maintenance Access & Pretreatment Manhole

Project Description: Improve maintenance access and add a storm drainage pre-treatment manhole at 139th Ave.

Map:



Project Justification: Currently, access to perform maintenance on the existing storm system is limited and there is no existing pre-treatment manhole to remove large debris.

Project Status: FY11-12: Predesign completed by City staff. FY12-13: Complete survey and design by City staff. FY13-14: Complete construction by City Forces.

Estimated Date of Completion: 06/30/2014

Estimated Project Cost: $50,000

First Year Budgeted: FY12/13

New Project: ☑

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8115	3950	Storm Maint/Replacement	$50,000	FY2012/13
		Total for FY:	$50,000	

Project Data

Project Number: 8023
Project Name: Strategic Drainage Easement
Project Description: Respond to unprogrammed easement needs for the Storm Drainage system.
First Year Budgeted: FY02/03

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8023	3915	Storm SDC Conveyance	$10,000	FY2012/13
	3950	Storm Maint/Replacement	$10,000	FY2012/13
		Total for FY:	$20,000	

Project Number: 8085
Project Name: Priority Catch Basin Replacements
Project Description: Annual program that began in FY2009/10 to replace up to five (5) catchbasins located in sag areas along streets that flood due to clogging of the catchbasins.
First Year Budgeted: FY09/10

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8085	3950	Storm Maint/Replacement	$35,000	FY2012/13
		Total for FY:	$35,000	

Project Number: 8113
Project Name: FY12/13 Small Works Drainage & In-House Staff Time
Project Description: Respond to unprogrammed storm water projects in a timely manner that result from unanticipated problems.
First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8113	3915	Storm SDC Conveyance	$70,000	FY2012/13
	3916	Storm SDC Water Quantity	$7,000	FY2012/13
	3917	Storm SDC Water Quality	$22,000	FY2012/13
	3950	Storm Maint/Replacement	$160,000	FY2012/13
		Total for FY:	$259,000	

Project Number: 8114
Project Name: Creek Debris Screen Replacement
Project Description: Program to replace debris screens at culverts that are badly damaged and in need of replacement such as on Hall Creek at 117th Ave.
First Year Budgeted: FY12/13

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
8114	3950	Storm Maint/Replacement	$40,000	FY2012/13
		Total for FY:	$40,000	

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City of Beaverton
Capital Improvements Plan (CIP)
For FY 2012-13 and FY 2013-14

PROJECTS PLANNNED
FY 2013-14

Contents:

- Facility, Civic, and Cultural Projects
- Street and Other Transportation Projects
- Street Rehabilitation Program
- Water Projects
- Sanitary Sewer Projects
- Storm Drainage Projects

Facility, Civic, and Cultural Projects
FY 2013-2014

FACILITY, CIVIC & CULTURAL CIP

Fiscal Year 2013-14

Project No.	Project Name	Description	Proposed Budget	Funding Source
3310	Beaverton Downtown Creek Master Planning	Complete downtown Creek Master plan	$275,000	Carryover from $550,000 allocated from Storm Fund
3310A	Creek Project #1	Implement Downtown Creek Master plan	$60,000	Carryover from $550,000 allocated from Storm Fund
3310B	Creek Project #2	Implement Downtown Creek Master plan	$15,000	Carryover from $550,000 allocated from Storm Fund
3320	Hall Creek Water Quality and Pathway (11	Enhance Hall Creek from 114th Ave to 117th Ave as part of the Metro Nature in the Neighborhood capital program.	$417,000	$293,000 Storm Fund (3915); $124,000 Street fund
3514	Surface Parking at 1st and Main	Construction of a 22 stall surface parking lot	$203,000	General Fund
3515B	Broadway Streetscape Improvements Phase 3	Construct Broadway Festival Street improvements from Hall Blvd to Lombard Ave.	$343,000	General Fund
3516	South Plaza at the Round	Complete surface and landscaping improvements	$352,000	$250,000 from others; $102,000 General Fund
5082	Canyon Rd Reconstruction for Civic Plan	Implement the Civic Plan	$550,000	$50,000 - Street Fund; $500,000 Grant to be determined
5083	Bike Facilities - Civic Plan	Implement the Civic Plan	$75,000	Street Fund
5084	Concept Plan Infrastructure/Transportation Analysis	Implement the Civic Plan	$400,000	Grant to be determined
5085	Neighborhood Stabilization Program	Implement the Civic Plan	$50,000	General Fund

Transportation Projects
FY 2013-2014

TRANSPORTATION CIP

Fiscal Year 2013-14

Project No.	Project Name	Description	Proposed Budget	Funding Source
3189	Traffic Calming	Continue the City's Traffic Calming program	$40,000	Street Fund
3192	Hocken Ave Bridge & Street Improvements at Beaverton Creek	Replace two 84-inch culverts with a 62-foot long by 60-foot wide concrete slab bridge over Beaverton Creek and improve 875 feet of Hocken Ave to collector street standards between Hall Blvd and the Light Rail Tracks.	$1,235,000	$600,000 Storm Fund (3915); $635,000 TIF fund
3200	Adaptive Traffic Signal Expansion on BH Hwy & Canyon Rd	Continue design to upgrade existing traffic signal control software to SCATS adaptive signal control system at sixteen (16) signalized intersections.	$30,000	TIF Fund
3316	Rose Biggi Ave Extension (Crescent St to Hall Blvd)	Continue design and ROW acquisition for construction of a 850-foot extension on Rose Biggi Ave/Westgate Dr from Crescent St to Hall Blvd.	$30,000	TIF Fund
3318	Birchwood Rd Sidewalk Improvement (Laurelwood Ave to 87th Ave)	Construct approximately 1,200 feet of 5-foot wide sidewalk, 5-foot wide planter strip, curb and storm drainage structures on one side of street.	$30,000	Street Fund
3407	Crescent Connection Multi-Use Path	Construct 10-foot wide multi-use path on Denney Rd from Fanno Creek Trailhead to King Blvd and along the south side of Beaverton Creek from Lombard Ave to Cedar Hills Blvd.	$958,000	$850,000 ODOT Flexible Fund grant; $108,000 Street Fund
5080	Crescent St (Rose Biggi Ave to Westgate Dr) Connection	Investigate the connection of Crescent St from Rose Biggi Ave to Westgate Dr	$50,000	TIF Fund
3226I	FY13/14 Miscellaneous Transportation Projects	Respond to unprogrammed transportation projects in a timely manner that result from unanticipated problems.	$60,000	Street Fund

Street Rehabilitation Projects
FY 2013-2014

FY2013-14 STREET REHABILITATION PROGRAM

St Name	St From	St To	PCI	SQ FT	Tons (AC)	Total Cost
SW Main Ave	SW Farmington Rd	SW 7th St	52	66201	929	$77,843
SW 1st St	SW Watson Ave	SW Stott Ave	71	31221	348	$29,136
SW 2nd St	SW Main Ave	SW Stott Ave	79	11223	102	$8,578
SW 3rd St	SW Main Ave	SW Watson Ave	79	20824	190	$15,916
SW 4th St	EOP	SW Watson Ave	78	19188	175	$14,665
SW 5th St	SW Watson Ave	SW Angel Ave	70	33432	626	$52,415
SW 6th St	SW Stott Ave	SW Angel Ave	85	12528	114	$9,575
SW Stott Ave	SW Farmington Rd	SW 2nd St	70	22084	234	$19,579
SW Watson Ave	SW Farmington Rd	SW 5th St	82	6888	193	$16,199
SW Washington Ave	SW Farmington Rd	SW 1st St	66	10313	125	$8,408
SW Bel Aire Dr	SW Denney Rd	SW Bel Aire Ln	63	87406	2182	$146,170
SW Bel Aire Ln	SW Bel Aire Dr	SW Hillcrest Pl	65	60620	1513	$101,376
SW Cresmoor Dr	SW Clifford St	SW Hall Bvld (South)	65	64211	320	$21,440
SW Timberline Dr	SW Bel Aire Dr	SW Hillcrest Pl	58	56925	693	$46,409
SW Blankeney Ct	SW Blankeney St	EOP	66	6699	82	$5,461
SW Belmont Ter	SW Belmont Dr	SW Hillcrest Pl	38	23940	291	$19,517
SW Belmont Dr	SW Timberline Dr	SW Ridgecrest Dr	66	8058	98	$6,570
SW Marylyn Pl	SW Bel Aire Dr	EOP	56	5549	68	$4,524
SW Cindy St	SW Bel Aire Dr	SW Blankeney St	66	27467	334	$22,393
SW Ridgeview Ter	SW Belmont Dr	SW Hillcrest Pl	63	27973	340	$22,805
SW Hillcrest Pl	SW Blankeney St	SW Bel Aire Ln	67	68764	1359	$91,020
SW Alpine Dr	EOP	SW Cresmoor Dr	79	15614	190	$12,729
SW Denney Frontage	EOP	SW Denney Rd	62	20911	254	$17,048
SW Lombard St	SW Clifford St	EOP	62	3207	39	$2,614
SW Cirrus Ct.	SW Nimbus Ave	SW Hall Blvd	64	58985	718	$48,087
SW Clifford St	SW Cresmoor Dr	SW Cheryl Ln	62	146285	2101	$140,760
SW Farmington Rd	S.of Lombard (AC only)	Hwy 217	75	15065	376	$25,193
SW Lombard Ave	SW 1st St	SW 5th St	72	33710	891	$59,718
SW 130th Ave	SW Allen Blvd	SW Hart Rd	75	137434	2573	$172,375
SW Barlow Rd	SW Hyland Wy	SW Larkspur Pl	65	13308	1587	$106,316
SW Juniper Ter	SW 127th Ave	SW Juniper Ter	75	86433	447	$29,951
SW Larkspur Pl	EOP (N. & S.)	SW Barlow Rd	69	11183	136	$9,117
SW 19th St	EOP	SW 130th Ave	67	21673	264	$17,669
SW 20th Ct	EOP	SW Dale Ave	73	9290	113	$7,574
SW Sorrento Rd	SW Glen Dr	SW Hart Rd	69	20931	255	$17,064
SW 27th St	SW 125th Pl	SW Juniper Ter	69	27252	332	$22,218
SW Hill Pl	SW Dale Ave	EOP	74	4929	60	$4,018
SW Vale Ct	EOP	SW Dale Ave	71	4641	56	$3,783
SW Whisper Court	SW 22nd St	EOP	80	14521	118	$10,550
SW Dale Ave	SW Allen Blvd	SW Juniper Ter	58	97624	1053	$70,583
SW Whistling Wy	SW 22nd St	SW Hyland Wy	68	33745	411	$27,510
SW Violet Ct	EOP	SW Hyland Wy	75	5377	65	$4,383
SW Valley Ave	SW Allen Blvd	SW Valley Ave	67	8421	210	$14,083
SW Trillium Ave	SW 27th St	SW Hart Rd	74	16352	199	$13,331
SW 126th Ct	SW 27th St	EOP	87	8205	100	$6,687
SW 125th Pl	SW 27th St	SW Tiger Lilly Ln	87	9351	114	$7,623
SW Tiger Lilly Ln	SW 125th Pl	SW Juniper Ter	82	22000	268	$17,936
SW Iris Cout	EOP	SW Whistling Wy	82	1378	17	$1,124
SW Heath Pl	SW Barlow Rd	EOP	72	16574	202	$13,512
SW Lily Pl	EOP	SW Barlow Rd	62	8949	109	$7,295
SW Glenn Dr	SW Dale Ave	SW 130th Ave	64	20718	252	$16,890
					23,826	**$1,647,740**
Striping, Signal Detection, Surveying, A/C Testing						$15,000
Concrete Repairs						$40,000
ADA Ramps						$20,000
Misc Projects						$30,000
Improvement Project Total						**$1,752,740**

PCI - Pavement Condition Index
EOP - End of Pavement

Water System Improvement Projects
FY 2013-2014

WATER CIP
FY2013-14

			Fiscal Year
Program	**Project No.**	**Project Title**	**2013/2014**
501-3701	4060	Water System Security Upgrades	$20,000
505-3620		Water Extra-Capacity Projects	$100,000
505-3620	4006	Water System Telemetry (annual upgrade project)	$25,000
505-3620	6072	Main Avenue - 2nd Street to 5th Street (900 LF of 12")	$180,000
505-3620	3302E	Farmington Road Waterline Improvement (148th to Menlo), 3,200 LF of 16"	$140,000
501-3700		Annual Waterline Maintenance & Replacement Projects (3700)	$100,000
505-3635	3635	JWC Capacity Projects	$100,000
501-3611	3611	JWC Projects	$430,000
501-3701	4021E	ASR Consultant Support	$40,000
505-3620	4058	Upper Elevation (Cooper Mt.) Storage Siting Evaluation	$100,000
505-3620	6083	South Cooper Mt. Infrastructure Plan (Metro UGB)	$100,000
501-3701	6063	Chestnut Avenue Waterline Upgrade, Pinehurst Dr. to Royal Woodlands Dr. (700 LF of 8" DIP)	$110,000
501-3701	6063	Royal Woodland Drive Waterline Upgrade, Jamieson Road to Elm Avenue (1,250 LF of 8" DIP)	$200,000
501-3701	6063	Chestnut Ave - Oak Street to Elm Avenue (1,150LF of 8" DIP)	$185,000
501-3701	6063	Chestnut Ave, Oak St. to Pinehurst Dr. (700 LF of 8" DIP)	$100,000
501-3701	4078B	Sexton Mt. Pump Station Upgrade, Phase 3, design	$75,000
501-3701	4079	Sorrento Pump Station Pump Replacement	$100,000
505-3620	4079	Meridian Pump Station Replacement, design	$100,000
501-3705	4001	Fire Hydrant Replacement Program	$80,000
		Total =	**$2,285,000**

Sewer System Improvement Projects
FY 2013-2014

SANITARY SEWER CIP

Fiscal Year 2013-14

CAPACITY IMPROVEMENT PROJECTS (Fund 3811)

PROJECT DESRIPTION	PROJECT NO.	Project Cost Estimate FY 2013-14		
		Design & Inspection	Construction	Total
Dale Ave (17th-22nd Ave) Sanitary Sewer Improvement (COB MP ER-02)	6054B	$26,000	$200,000	$226,000
Dale Ave (Dale Ci-1`7th St) Sanitary Sewer Improvement (Hall Boulevard Lateral, CWS R-270)	6054A	$30,000	$270,000	$300,000
Tektronix Trunk (Jenkins Rd-Hall Blvd) Upsize (CWS D-510)	6081	$50,000	$72,000	$122,000
Farmington Trunk Improvement - Menlo to Murray (COB MP FA-01)	6084	$50,000	$473,000	$523,000
Erickson Trunk Upsize - 6th Street to 10th Street, (Hall Boulevard Lateral and Trunk, CWS R-100, COB MP ER-04)	6078	$68,000	$930,000	$930,000
Erickson Trunk Upsizing Project (Farmington Rd-144th Ave), [Beaverton Interceptor, CWS R-120]	6080	$150,000	$1,350,000	$1,500,000
Scholls Trunk (CWS D-310)	6085	$30,000	$290,000	$320,000
Scholls Trunk (CWS D-320)	6086	$140,000	$1,350,000	$1,490,000
Scholls Trunk (CWS D-330)	6087	$400,000	$3,700,000	$4,100,000
Scholls Trunk (CWS D-335)	6088	$200,000	$1,960,000	$2,160,000
South Cooper Mt. Development Infrastructure Plan (Metro UGB)	6083	$50,000	$0	$50,000
In-House Engineering Overhead		$65,000		$65,000
Column Total		$1,259,000	$10,595,000	$11,786,000
Subtotal		**$11,786,000**		

REHABILITATION PROJECTS (Fund 3850)

PROJECT DESRIPTION	PROJECT NO.	Project Cost Estimate FY 2013-14		
		Design & Inspection	Construction	Total
Royal Woodlands East Utility Improvements (COB MP "R")	6044	$120,000	$555,000	$675,000
Royal Woodlands West Utility Improvements, (COB MP "Q")	6063	$120,000	$1,080,000	$1,200,000
In-House Engineering Overhead		$65,000		$65,000
Column Total		$305,000	$1,635,000	$1,940,000
Subtotal		**$1,940,000**		

TOTAL	**$13,726,000**

Storm Drainage Improvement Projects
FY 2013-2014

Storm Drain CIP
FY 2013-14

Project No.	Project Name	683	652	682	Other/IGA	Total
	Storm Water Conveyance Project, SDC (3915)	Design	ROW	Const		
	Stormwater Conveyance projects from multi-year List	15,000		125,000		140,000
8023	Strategic drainage (buffer) easement/property acquisition		10,000			10,000
	FY 13/14 Small Works Projects, Eng. Svcs., and In-house OH Charges	10,000		50,000		60,000
	Storm Water Quantity Project, SDC (3916)					
	Stormwater Detention Facility Repair/Retrofit: Misc locations	10,000		20,000		30,000
	FY 13/14 Small Works Projects, Eng. Svcs., and In-house OH Charges	5,000	1,000	5,000		11,000
	Storm Water Quality Project, SDC (3917)					
	FY 13/14 Small Works Projects, Eng. Svcs., and In-house OH Charges	5,000	1,000	10,000		16,000
	Maintenance & Replacement Program (3950)					
6063	Royal Woodlands West Utility Improvements	30,000		400,000		430,000
8098A	Storm Drain Realignment at Dover Ln Near Oleson Rd (Dover South)	30,000		350,000		380,000
4106	Scholls Ferry Rd (Roy Rogers-Teal) Rd Improvement (MSTIP3d)	5,000		40,000		45,000
8085	Priority Catch Basin Replacements	5,000		30,000		35,000
	Master Planning - Multi-year List of Storm Conduit Repair Projects	100,000				100,000
	FY 13/14 Storm Drainage Repair on Overlay Streets	20,000		75,000		95,000
8023	Strategic drainage (buffer) easement/property acquisition		10,000			10,000
8104	Pre-treatment Retrofit: 6775 Murray Rd Storm filter	9,000		40,000		49,000
	FY 13/14 Small Works Projects, Eng. Svcs., and In-house OH Charges	20,000		60,000		80,000
	SubTotals	**264,000**	**22,000**	**1,205,000**	**0**	
	Grand Total					**1,491,000**
	Note: Shaded projects are to be completed by city workers, application or installation of materials only.					

CITY OF BEAVERTON
CIP PROJECTS COMPLETED IN FY 2011-12

Project No.	Project Name
TRANSPORTATION	
3317	Dawson Wy Extension To Hocken Ave
SANITARY SEWER	
4067B	Hall Blvd (7th-Allen) Utility Improvement
6067	South Central Area H (East of Alger) Sanitary Sewer Improvements
6077	Murray Village Sanitary Sewer Extension
6069	Main Ave (Allen -7th St) Utility Improvements
WATER	
4067B	Hall Blvd (12th-Allen) Utility Improvement
4099	Jenkins Rd (153rd Dr-Briggs Rd) Waterline Improvements
4102	Hyland Wy (Hanson Rd -Cul de sac) Waterline Improvement
3317	Dawson Wy Extension To Hocken Ave
6067	South Central Area H (East of Alger) Sanitary Sewer Improvements
6069	Main Ave (Allen Blvd-12th St) Waterline Improvements
STORM DRAINAGE	
8074	Erickson Creek at Farmington Rd/Menlo Dr Natural Area
8097	Westside Interceptor Control Structure Repairs
8099	Lower Westside Storm Drain Interceptor Improvements
8105	Repair of Storm System Near Hall Blvd and Nimbus Dr

City of Beaverton
Capital Improvements Plan (CIP)
For FY 2012-13 and FY 2013-14

PROJECT OVERVIEW MAPS

Map 1	FY 2012-13 CIP Projects
Map 2	FY 2013-14 Proposed CIP Projects
Map 3	Sanitary Sewer Projects (Completed & Planned)