

**CITY OF DUNDEE**  
**CITY COUNCIL MEETING**  
**Fire Hall Community Room**

Phone (503) 538-3922 ~ Fax (503) 538-1958

Email: [DundeeCity3@comcast.net](mailto:DundeeCity3@comcast.net) Website: [DundeeCity.org](http://DundeeCity.org)  
*The Mission of City Government is to provide essential, quality public services in support of the livability, safety and viability of the Dundee community.*

MAY 3, 2016 7 - 9 PM.

Times printed are estimates. Actual time may vary.

1. Open Regular City Council Meeting
2. Pledge of Allegiance
3. Amendments to the Agenda, if any
4. Public Comment: Each speaker will be allowed up to 5 minutes to speak after being recognized by the Mayor. Out of courtesy for the speaker, please refrain from talking.
5. Consent Agenda: The following items are considered to be routine and will be enacted by one motion. There will be no separate discussion of these items unless a Council member (or a citizen through a Council member) so requests, in which case the item will be removed from the Consent Agenda and considered separately. If any item involves a potential conflict of interest, Council members should so note before adoption of the Consent Agenda.
  - 5.1 City Council Minutes, April 19, 2016 Pages 1-22
  - 5.2 Financial Report Ending March 31, 2016 Pages 23-30  
*Action Required: Motion to Accept the Consent Agenda*
6. Old Business:
  - 6.1 10<sup>th</sup> Street Project Change Order No. 3 Pages 31-34  
*Action Required*
  - 6.2 TE Sidewalk/Streetscape Project Update Pages 35-36  
*Discussion*
  - 6.3 Resolution No. 2016-05, Sewer Rates Pages 37-40  
*Action Required*
  - 6.4 Resolution No. 2016-06, Storm Water Rates Pages 41-42  
*Action Required*
7. New Business:
  - 7.1 Engine 31 Replacement Pages 43-54  
*Action Required*
  - 7.2 Resolution No. 2016-07, Storm Water Facility Plan Amendment Pages 55-64  
*Action Required*
8. Council Concerns & Committee Reports
9. Mayor's Report
10. City Administrator Report

11. Public Comment: Each speaker will be allowed up to 5 minutes to speak after being recognized by the Mayor. Out of courtesy for the speaker, please refrain from talking.
12. Adjourn

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Pending Business:

1. Public Works
  - 1.1 Highway 99W Sidewalk/Streetscape
  - 1.2 Inflow & Infiltration Program
  - 1.3 Charles Street Storm System
  - 1.4 Dogwood SCA Project
  - 1.5 2016 Street Overlay Program
  - 1.6 Locust Street Waterline Replacement
2. Planning/Land Use
  - 2.1 Dundee Riverside Master Plan – Future Actions
  - 2.2 Exterior Lighting – Code Update/Street Light Standards
  - 2.3 Industrial Zone Standards
3. City Council
  - 3.1 Update SDC Methodologies
  - 3.2 LID 2013-01 Final Assessment Ordinance
  - 3.3 Urban Renewal
4. Parks & Trails
  - 4.1 Viewmont Greenway Park Improvement
  - 4.2 Harvey Creek Trail Property Rehabilitation
  - 4.3 WWTP Nature Park Grant Application
5. Next Available Ordinance & Resolution No's.
  - 5.1 Ordinance No. 545-2016
  - 5.2 Resolution No. 2016-08

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired, or for other accommodations for persons with disabilities, should be made at least 48 hours in advance of the meeting to the Assistant City Recorder at City Hall (503) 538-3922.

**CITY OF DUNDEE**  
Statement of Activities  
From 7/1/2015 Through 03/31/2016

	General Fund	Street		State Revenue		Street CIP Fund	Reserve Fund	Sharing Fund	Equipment Reserve Fund	Parks Fund	Tourism Fund	Fire Station Constr Fund	Bonded Debt	Water Fund	Water CIP Fund	Sewer Fund	Sewer CIP Fund	Storm Water Fund	Storm Water CIP Fund	Total	
		Fund	Fund	Fund	Fund																Fund
<b>Revenue</b>																					
Taxes	655,391	30,587	-	-	-	-	-	-	-	-	35,938	-	127,104	-	-	-	-	-	-	-	849,020
Franchise Fees	125,493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156,297
Licenses & Permits	39,703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39,703
Intergovernmental Revenue	129,487	141,429	-	19,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	290,133
Charges for Services	173,531	-	-	-	-	-	-	-	-	-	-	-	-	515,744	12,209	918,473	8,161	69,805	-	-	1,707,455
Fines & Forfeitures	46,191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46,191
Miscellaneous Revenue	7,891	320	501	190	39	2,836	-	-	-	17	94	146	369	1,225	3,041	187	2,454	80	174	19,563	
<b>Total Revenue</b>	<b>1,177,688</b>	<b>172,337</b>	<b>31,305</b>	<b>190</b>	<b>19,256</b>	<b>2,836</b>	<b>17</b>	<b>36,032</b>	<b>146</b>	<b>127,473</b>	<b>516,968</b>	<b>15,250</b>	<b>918,660</b>	<b>10,615</b>	<b>69,886</b>	<b>9,706</b>	<b>3,108,364</b>				
<b>Expenditures</b>																					
Personnel	385,328	45,628	-	-	-	-	-	-	-	-	-	-	-	121,214	-	115,093	-	26,821	-	-	694,084
Materials & Services	523,006	56,610	-	-	21,270	-	20	4,129	88,981	-	165,044	-	292,433	-	21,155	-	-	-	-	-	1,172,647
Capital Outlay	7,904	-	74,794	-	-	54,105	32,019	-	1,012	-	7,005	397,754	2,174	73,859	452	13,187	-	-	-	-	664,265
Debt Service	-	-	8,464	-	-	58,627	-	-	-	-	150,143	-	-	61,545	-	364,691	-	-	-	-	643,470
<b>Total Expenditures</b>	<b>916,238</b>	<b>102,238</b>	<b>83,259</b>	<b>21,270</b>	<b>112,732</b>	<b>32,039</b>	<b>4,129</b>	<b>89,993</b>	<b>150,143</b>	<b>293,263</b>	<b>459,299</b>	<b>409,700</b>	<b>438,550</b>	<b>48,428</b>	<b>13,187</b>	<b>3,174,466</b>					
Excess (deficiency) of Revenue over Expenditures	261,450	70,099	(51,954)	190	(2,014)	(109,896)	(32,022)	31,904	(89,847)	223,705	(444,049)	508,961	(427,936)	21,458	(3,481)	(66,101)					
Other Financing Sources (Uses)	(26,959)	-	-	-	(10,000)	-	10,000	-	97,000	-	(24,126)	-	(508,414)	462,500	-	-	-	-	-	-	-
Net Changes to Fund Balance	234,491	70,099	(51,954)	190	(12,014)	(109,896)	(22,022)	31,904	(89,847)	223,705	(444,049)	546	34,564	21,458	(3,481)	(66,101)					
Beginning Fund Balance	405,400	49,504	161,106	42,458	12,378	737,747	15,843	22,245	38,406	30,512	111,766	1,003,744	17,658	611,126	5,552	63,058	3,328,503				
Ending Fund Balance	639,890	119,603	109,153	42,648	364	627,851	(6,178)	54,148	45,559	7,842	311,345	559,695	18,204	645,690	27,010	59,577	3,262,402				

**City of Dundee**  
Statement of Revenues & Expenditures  
**01-General Fund**  
From 03/1/2016 Through 03/31/2016  
(In Whole Numbers)

\*\*UNAUDITED\*\*

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Taxes	13,323	655,391	592,900	11%	62,491
Franchise Fees	71,792	125,493	143,600	-13%	(18,107)
Licenses & Permits	24,625	39,703	58,600	-32%	(18,897)
Intergovernmental Revenue	3,769	129,487	157,600	-18%	(28,113)
Charges for Services	416	173,531	210,500	-18%	(36,969)
Fines & Forfeitures	7,615	46,191	52,000	-11%	(5,809)
Miscellaneous Revenues	1,544	7,891	5,300	49%	2,591
Total REVENUES	<u>123,084</u>	<u>1,177,688</u>	<u>1,220,500</u>	<u>-4%</u>	<u>(42,812)</u>
<b>EXPENDITURES</b>					
General Govt	26,773	246,164	330,700	26%	84,536
Court	1,543	13,925	20,700	33%	6,775
Community Development	10,527	61,550	122,200	50%	60,650
Police Services	36,053	315,682	473,300	33%	157,618
Fire Services	28,183	278,917	372,700	25%	93,783
Total EXPENDITURES	<u>103,078</u>	<u>916,238</u>	<u>1,319,600</u>	<u>31%</u>	<u>403,362</u>
Excess (deficiency) of Revenue Over Expenditures	<u>20,005</u>	<u>261,450</u>	<u>(99,100)</u>	<u>-364%</u>	<u>360,550</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers In	6,966	70,041	88,300	-21%	(18,259)
Transfers Out	0	(97,000)	(97,000)	0%	0
Other Uses	0	0	0	0%	0
Total OTHER FINANCING SOURCES (USES)	<u>6,966</u>	<u>(26,959)</u>	<u>(8,700)</u>	<u>210%</u>	<u>(18,259)</u>
NET CHANGE IN FUND BALANCE	26,971	234,490	(107,800)	-318%	342,290
BEGINNING FUND BALANCE	612,918	405,400	410,200	-1%	(4,800)
ENDING FUND BALANCE	<u>639,890</u>	<u>639,890</u>	<u>302,400</u>	<u>112%</u>	<u>337,490</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
01 - Admin / Finance  
001 - General Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>EXPENDITURES</b>					
Personnel Services					
Salaries & Wages	12,794	114,984	153,800	25 %	38,816
Personnel Benefits	6,678	56,355	76,200	26 %	19,845
Total Personnel Services	19,471	171,338	230,000	26 %	58,662
Materials & Services					
Supplies	556	2,350	4,000	41 %	1,650
Professional Services	5,263	38,102	48,300	21 %	10,198
Contractual Services	110	992	0	0 %	(992)
Travel & Training	0	6,496	10,000	35 %	3,504
Insurance	0	6,822	7,300	7 %	478
Regulatory Requirements	0	775	1,300	40 %	525
Utilities	792	4,811	6,400	25 %	1,589
Repairs & Maintenance	39	4,869	9,200	47 %	4,331
Other Materials & Services	543	9,178	13,000	29 %	3,822
Total Materials & Services	7,302	74,396	99,500	25 %	25,104
Capital Outlay					
	0	430	1,200	64 %	770
Total EXPENDITURES	26,773	246,164	330,700	26 %	84,536

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
02 - Court  
001 - General Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>EXPENDITURES</b>					
Personnel Services					
Salaries & Wages	696	6,194	8,500	27 %	2,306
Personnel Benefits	540	4,416	6,100	28 %	1,684
Total Personnel Services	1,236	10,609	14,600	27 %	3,991
Materials & Services					
Supplies	0	90	300	70 %	210
Professional Services	0	0	400	100 %	400
Contractual Services	272	2,448	3,300	26 %	852
Travel & Training	0	225	900	75 %	675
Other Materials & Services	35	553	1,200	54 %	647
Total Materials & Services	307	3,316	6,100	46 %	2,784
Total EXPENDITURES	1,543	13,925	20,700	33 %	6,775

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
03 - Community Development  
001 - General Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>EXPENDITURES</b>					
Personnel Services					
Salaries & Wages	881	7,882	10,700	26 %	2,818
Personnel Benefits	711	5,984	8,200	27 %	2,216
Total Personnel Services	1,593	13,866	18,900	27 %	5,034
Materials & Services					
Supplies	49	689	1,100	37 %	411
Professional Services	3,003	35,221	42,500	17 %	7,279
Contractual Services	5,873	11,511	36,000	68 %	24,489
Travel & Training	0	30	1,100	97 %	1,070
Other Materials & Services	9	233	22,600	99 %	22,367
Total Materials & Services	8,935	47,684	103,300	54 %	55,616
Total EXPENDITURES	10,527	61,550	122,200	50 %	60,650

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
04 - Police Dept  
001 - General Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	<u>Current Period Actual</u>	<u>Current Year Actual</u>	<u>Total Budget</u>	<u>Percent Total Budget Remaining</u>	<u>Total Budget Variance</u>
EXPENDITURES					
Materials & Services					
Contractual Services	36,053	315,682	473,300	33 %	157,618
Total Materials & Services	<u>36,053</u>	<u>315,682</u>	<u>473,300</u>	<u>33 %</u>	<u>157,618</u>
Total EXPENDITURES	<u>36,053</u>	<u>315,682</u>	<u>473,300</u>	<u>33 %</u>	<u>157,618</u>

**CITY OF DUNDEE**

Statement of Revenues and Expenditures

05 - Fire Dept

001 - General Fund

From 3/1/2016 Through 3/31/2016

(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>EXPENDITURES</b>					
Personnel Services					
Salaries & Wages	12,621	132,907	166,600	20 %	33,693
Personnel Benefits	8,253	56,607	79,400	29 %	22,793
Total Personnel Services	20,875	189,514	246,000	23 %	56,486
Materials & Services					
Supplies	837	10,600	18,500	43 %	7,900
Professional Services	1,188	1,525	2,000	24 %	475
Contractual Services	86	23,023	28,600	19 %	5,577
Travel & Training	793	2,419	2,200	(10)%	(219)
Insurance	(144)	16,017	15,600	(3)%	(417)
Regulatory Requirements	165	4,001	9,200	57 %	5,199
Utilities	2,929	12,632	16,800	25 %	4,168
Repairs & Maintenance	948	11,661	13,600	14 %	1,939
Other Materials & Services	0	51	700	93 %	649
Total Materials & Services	6,802	81,929	107,200	24 %	25,271
Capital Outlay					
	506	7,474	19,500	62 %	12,026
Total EXPENDITURES	28,183	278,917	372,700	25 %	93,783

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
110 - Street Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Taxes					
	3,188	30,587	38,000	(20)%	(7,413)
Intergovernmental Revenue					
	12,545	141,429	183,300	(23)%	(41,871)
Miscellaneous Revenues					
	52	320	100	220 %	220
<b>Total REVENUES</b>	<u>15,784</u>	<u>172,337</u>	<u>221,400</u>	<u>(22)%</u>	<u>(49,063)</u>
<b>EXPENDITURES</b>					
Personnel Services					
	4,946	45,628	62,400	27 %	16,772
Materials & Services					
Supplies	172	2,855	4,300	34 %	1,445
Professional Services	60	3,242	7,200	55 %	3,958
Travel & Training	0	137	500	73 %	363
Insurance	0	1,448	1,600	9 %	152
Regulatory Requirements	0	86	100	15 %	15
Utilities	1,958	17,383	24,000	28 %	6,617
Repairs & Maintenance	2,051	9,208	36,100	74 %	26,892
Interfund Services	0	22,249	29,600	25 %	7,351
Other Materials & Services	0	1	200	100 %	199
<b>Total Materials &amp; Services</b>	<u>4,241</u>	<u>56,610</u>	<u>103,600</u>	<u>45 %</u>	<u>46,990</u>
<b>Total EXPENDITURES</b>	<u>9,187</u>	<u>102,238</u>	<u>166,000</u>	<u>38 %</u>	<u>63,762</u>
Excess (deficiency) of Revenue over Expenditures	6,598	70,099	55,400	27 %	14,699
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfer Out					
	0	0	(83,200)	(100)%	83,200
Other Uses					
	0	0	(5,000)	(100)%	5,000
<b>Total OTHER FINANCING SOURCES (USES)</b>	<u>0</u>	<u>0</u>	<u>(88,200)</u>	<u>(100)%</u>	<u>88,200</u>
<b>NET CHANGE IN FUND BALANCE</b>	<u>6,598</u>	<u>70,099</u>	<u>(32,800)</u>	<u>(314)%</u>	<u>102,899</u>
<b>BEGINNING FUND BALANCE</b>	113,006	49,504	41,500	19 %	8,004
<b>ENDING FUND BALANCE</b>	<u>119,603</u>	<u>119,603</u>	<u>8,700</u>	<u>1,275 %</u>	<u>110,903</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
111 - Street CIP Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Franchise Fees	0	30,805	44,700	(31)%	(13,895)
Intergovernmental Revenue	0	0	1,265,500	(100)%	(1,265,500)
Miscellaneous Revenues	66	501	200,800	(100)%	(200,299)
Total REVENUES	<u>66</u>	<u>31,305</u>	<u>1,511,000</u>	<u>(98)%</u>	<u>(1,479,695)</u>
<b>EXPENDITURES</b>					
Capital Outlay	17,964	74,794	1,869,700	97 %	1,794,906
Debt Service	0	8,464	10,000	15 %	1,536
Total EXPENDITURES	<u>17,964</u>	<u>83,259</u>	<u>1,879,700</u>	<u>96 %</u>	<u>1,796,441</u>
Excess (deficiency) of Revenue over Expenditures	<u>(17,898)</u>	<u>(51,954)</u>	<u>(368,700)</u>	<u>(86)%</u>	<u>316,746</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Debt Proceeds	0	0	76,000	(100)%	(76,000)
Transfers In	0	0	70,000	(100)%	(70,000)
Other					
Interfund Loan	0	0	200,000	(100)%	(200,000)
Total Other	0	0	200,000	(100)%	(200,000)
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>0</u>	<u>346,000</u>	<u>(100)%</u>	<u>(346,000)</u>
NET CHANGE IN FUND BALANCE	<u>(17,898)</u>	<u>(51,954)</u>	<u>(22,700)</u>	<u>129 %</u>	<u>(29,254)</u>
BEGINNING FUND BALANCE	127,050	161,106	177,700	(9)%	(16,594)
ENDING FUND BALANCE	<u>109,153</u>	<u>109,153</u>	<u>155,000</u>	<u>(30)%</u>	<u>(45,847)</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
112 - Street Reserve Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Miscellaneous Revenues	27	190	200	(5)%	(10)
Total REVENUES	27	190	200	(5)%	(10)
<b>EXPENDITURES</b>					
Capital Outlay	0	0	42,600	100 %	42,600
Total EXPENDITURES	0	0	42,600	100 %	42,600
Excess (deficiency) of Revenue over Expenditures	27	190	(42,400)	(100)%	42,590
NET CHANGE IN FUND BALANCE	27	190	(42,400)	(100)%	42,590
BEGINNING FUND BALANCE	42,621	42,458	42,400	0 %	58
ENDING FUND BALANCE	42,648	42,648	0	0 %	42,648

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
122 - State Revenue Sharing Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Intergovernmental Revenue	0	19,217	26,000	(26)%	(6,783)
Miscellaneous Revenues	0	39	100	(61)%	(61)
Total REVENUES	<u>0</u>	<u>19,256</u>	<u>26,100</u>	<u>(26)%</u>	<u>(6,844)</u>
<b>EXPENDITURES</b>					
Materials & Services					
Professional Services	0	15,591	19,200	19 %	3,609
Contractual Services	1,200	5,678	7,600	25 %	1,922
Other Materials & Services	0	0	1,500	100 %	1,500
Total Materials & Services	<u>1,200</u>	<u>21,270</u>	<u>28,300</u>	<u>25 %</u>	<u>7,030</u>
Total EXPENDITURES	<u>1,200</u>	<u>21,270</u>	<u>28,300</u>	<u>25 %</u>	<u>7,030</u>
Excess (deficiency) of Revenue over Expenditures	<u>(1,200)</u>	<u>(2,014)</u>	<u>(2,200)</u>	<u>(8)%</u>	<u>186</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfer Out	0	(10,000)	(10,000)	0 %	0
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>(10,000)</u>	<u>(10,000)</u>	<u>0 %</u>	<u>0</u>
NET CHANGE IN FUND BALANCE	<u>(1,200)</u>	<u>(12,014)</u>	<u>(12,200)</u>	<u>(2)%</u>	<u>186</u>
BEGINNING FUND BALANCE	1,564	12,378	12,200	1 %	178
ENDING FUND BALANCE	<u>364</u>	<u>364</u>	<u>0</u>	<u>0 %</u>	<u>364</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
127 - Equipment Reserve Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Miscellaneous Revenues	392	2,836	3,500	(19)%	(664)
Total REVENUES	<u>392</u>	<u>2,836</u>	<u>3,500</u>	<u>(19)%</u>	<u>(664)</u>
<b>EXPENDITURES</b>					
Capital Outlay	5,000	54,105	755,600	93 %	701,495
Debt Service	0	58,627	58,700	0 %	73
Total EXPENDITURES	<u>5,000</u>	<u>112,732</u>	<u>814,300</u>	<u>86 %</u>	<u>701,568</u>
Excess (deficiency) of Revenue over Expenditures	<u>(4,608)</u>	<u>(109,896)</u>	<u>(810,800)</u>	<u>(86)%</u>	<u>700,904</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers In	0	0	133,100	(100)%	(133,100)
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>0</u>	<u>133,100</u>	<u>(100)%</u>	<u>(133,100)</u>
NET CHANGE IN FUND BALANCE	<u>(4,608)</u>	<u>(109,896)</u>	<u>(677,700)</u>	<u>(84)%</u>	<u>567,804</u>
BEGINNING FUND BALANCE	632,459	737,747	677,700	9 %	60,047
ENDING FUND BALANCE	<u>627,851</u>	<u>627,851</u>	<u>0</u>	<u>0 %</u>	<u>627,851</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
131 - Parks Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Intergovernmental Revenue	0	0	31,500	(100)%	(31,500)
Miscellaneous Revenues	0	17	4,100	(100)%	(4,083)
Total REVENUES	<u>0</u>	<u>17</u>	<u>35,600</u>	<u>(100)%</u>	<u>(35,583)</u>
<b>EXPENDITURES</b>					
Materials & Services					
Professional Services	0	0	2,500	100 %	2,500
Repairs & Maintenance	0	20	1,000	98 %	980
Total Materials & Services	0	20	3,500	99 %	3,480
Capital Outlay	422	32,019	54,500	41 %	22,481
Total EXPENDITURES	<u>422</u>	<u>32,039</u>	<u>58,000</u>	<u>45 %</u>	<u>25,961</u>
Excess (deficiency) of Revenue over Expenditures	(422)	(32,022)	(22,400)	43 %	(9,622)
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers In	0	10,000	10,000	0 %	0
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>10,000</u>	<u>10,000</u>	<u>0 %</u>	<u>0</u>
NET CHANGE IN FUND BALANCE	(422)	(22,022)	(12,400)	78 %	(9,622)
BEGINNING FUND BALANCE	(5,756)	15,843	13,200	20 %	2,643
ENDING FUND BALANCE	<u>(6,178)</u>	<u>(6,178)</u>	<u>800</u>	<u>(872)%</u>	<u>(6,978)</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
151 - Tourism Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Taxes	2,053	35,938	32,900	9 %	3,038
Intergovernmental Revenue	0	0	10,000	(100)%	(10,000)
Miscellaneous Revenues	15	94	100	(6)%	(6)
Total REVENUES	<u>2,068</u>	<u>36,032</u>	<u>43,000</u>	<u>(16)%</u>	<u>(6,968)</u>
<b>EXPENDITURES</b>					
Materials & Services					
Contractual Services	409	4,129	40,500	90 %	36,372
Total Materials & Services	<u>409</u>	<u>4,129</u>	<u>40,500</u>	<u>90 %</u>	<u>36,372</u>
Total EXPENDITURES	<u>409</u>	<u>4,129</u>	<u>40,500</u>	<u>90 %</u>	<u>36,372</u>
Excess (deficiency) of Revenue over Expenditures	<u>1,659</u>	<u>31,904</u>	<u>2,500</u>	<u>1,176 %</u>	<u>29,404</u>
NET CHANGE IN FUND BALANCE	<u>1,659</u>	<u>31,904</u>	<u>2,500</u>	<u>1,176 %</u>	<u>29,404</u>
BEGINNING FUND BALANCE	52,489	22,245	16,600	34 %	5,645
ENDING FUND BALANCE	<u>54,148</u>	<u>54,148</u>	<u>19,100</u>	<u>183 %</u>	<u>35,048</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
201 - Fire Station Construction  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Miscellaneous Revenues	25	146	0	0 %	146
Total REVENUES	25	146	0	0 %	146
<b>EXPENDITURES</b>					
Materials & Services					
Professional Services	7,200	88,981	97,000	8 %	8,019
Total Materials & Services	7,200	88,981	97,000	8 %	8,019
Capital Outlay					
	0	1,012	17,300	94 %	16,288
Total EXPENDITURES	7,200	89,993	114,300	21 %	24,307
Excess (deficiency) of Revenue over Expenditures	(7,176)	(89,847)	(114,300)	(21)%	24,453
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers In					
	0	97,000	97,000	0 %	0
Total OTHER FINANCING SOURCES (USES)	0	97,000	97,000	0 %	0
NET CHANGE IN FUND BALANCE	(7,176)	7,153	(17,300)	(141)%	24,453
BEGINNING FUND BALANCE	52,735	38,406	17,300	122 %	21,106
ENDING FUND BALANCE	45,559	45,559	0	0 %	45,559

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
310 - Bonded Debt  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
REVENUES					
Taxes	2,584	127,104	130,500	(3)%	(3,396)
Miscellaneous Revenues	2	369	300	23 %	69
Total REVENUES	<u>2,586</u>	<u>127,473</u>	<u>130,800</u>	<u>(3)%</u>	<u>(3,327)</u>
EXPENDITURES					
Debt Service	0	150,143	150,200	0 %	57
Total EXPENDITURES	<u>0</u>	<u>150,143</u>	<u>150,200</u>	<u>0 %</u>	<u>57</u>
Excess (deficiency) of Revenue over Expenditures	<u>2,586</u>	<u>(22,670)</u>	<u>(19,400)</u>	<u>17 %</u>	<u>(3,270)</u>
NET CHANGE IN FUND BALANCE	<u>2,586</u>	<u>(22,670)</u>	<u>(19,400)</u>	<u>17 %</u>	<u>(3,270)</u>
BEGINNING FUND BALANCE	5,256	30,512	30,400	0 %	112
ENDING FUND BALANCE	<u>7,842</u>	<u>7,842</u>	<u>11,000</u>	<u>(29)%</u>	<u>(3,158)</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
431 - Water Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services					
	40,046	515,744	595,400	(13)%	(79,656)
Miscellaneous Revenues					
	183	1,225	800	53 %	425
Total REVENUES	<u>40,229</u>	<u>516,968</u>	<u>596,200</u>	<u>(13)%</u>	<u>(79,232)</u>
<b>EXPENDITURES</b>					
Personnel Services					
	13,535	121,214	163,900	26 %	42,686
Materials & Services					
Supplies	417	9,208	12,600	27 %	3,392
Professional Services	200	7,636	10,000	24 %	2,364
Contractual Services	0	6,841	10,000	32 %	3,159
Travel & Training	40	1,255	1,800	30 %	545
Insurance	0	4,289	4,600	7 %	311
Regulatory Requirements	336	9,700	4,200	(131)%	(5,500)
Utilities	2,833	32,189	42,800	25 %	10,611
Repairs & Maintenance	7,934	31,465	39,800	21 %	8,335
Interfund Services	0	57,908	77,600	25 %	19,692
Other Materials & Services	857	4,552	5,900	23 %	1,348
Total Materials & Services	12,617	165,044	209,300	21 %	44,256
Capital Outlay					
	119	7,005	19,400	64 %	12,395
Total EXPENDITURES	<u>26,270</u>	<u>293,263</u>	<u>392,600</u>	<u>25 %</u>	<u>99,337</u>
Excess (deficiency) of Revenue over Expenditures	13,959	223,705	203,600	10 %	20,105
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfer Out					
	(1,907)	(24,126)	(247,800)	(90)%	223,674
Other Uses					
	0	0	(20,000)	(100)%	20,000
Total OTHER FINANCING SOURCES (USES)	<u>(1,907)</u>	<u>(24,126)</u>	<u>(267,800)</u>	<u>(91)%</u>	<u>243,674</u>
NET CHANGE IN FUND BALANCE	<u>12,052</u>	<u>199,579</u>	<u>(64,200)</u>	<u>(411)%</u>	<u>263,779</u>
BEGINNING FUND BALANCE					
	299,294	111,766	79,100	41 %	32,666
ENDING FUND BALANCE	<u>311,345</u>	<u>311,345</u>	<u>14,900</u>	<u>1,990 %</u>	<u>296,445</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
432 - Water CIP Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services	1,774	12,209	25,200	(52)%	(12,991)
Miscellaneous Revenues	347	3,041	4,000	(24)%	(959)
Total REVENUES	<u>2,121</u>	<u>15,250</u>	<u>29,200</u>	<u>(48)%</u>	<u>(13,950)</u>
<b>EXPENDITURES</b>					
Capital Outlay	0	397,754	923,000	57 %	525,246
Debt Service	0	61,545	62,500	2 %	955
Total EXPENDITURES	<u>0</u>	<u>459,299</u>	<u>985,500</u>	<u>53 %</u>	<u>526,201</u>
Excess (deficiency) of Revenue over Expenditures	<u>2,121</u>	<u>(444,049)</u>	<u>(956,300)</u>	<u>(54)%</u>	<u>512,251</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers In	0	0	176,000	(100)%	(176,000)
Other					
Interfund Loan	0	0	(290,000)	(100)%	290,000
Total Other	<u>0</u>	<u>0</u>	<u>(290,000)</u>	<u>(100)%</u>	<u>290,000</u>
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>0</u>	<u>(114,000)</u>	<u>(100)%</u>	<u>114,000</u>
NET CHANGE IN FUND BALANCE	<u>2,121</u>	<u>(444,049)</u>	<u>(1,070,300)</u>	<u>(59)%</u>	<u>626,251</u>
BEGINNING FUND BALANCE	557,573	1,003,744	1,106,000	(9)%	(102,256)
ENDING FUND BALANCE	<u>559,695</u>	<u>559,695</u>	<u>35,700</u>	<u>1,468 %</u>	<u>523,995</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
441 - Sewer Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services					
	101,189	918,473	1,187,000	(23)%	(268,527)
Miscellaneous Revenues					
	0	187	100	87 %	87
Total REVENUES	<u>101,189</u>	<u>918,660</u>	<u>1,187,100</u>	<u>(23)%</u>	<u>(268,440)</u>
<b>EXPENDITURES</b>					
Personnel Services					
	13,067	115,093	156,400	26 %	41,307
Materials & Services					
Supplies	2,195	22,903	24,300	6 %	1,397
Professional Services	8,800	20,281	8,500	(139)%	(11,781)
Contractual Services	0	493	700	30 %	207
Travel & Training	40	1,403	1,800	22 %	397
Insurance	0	15,720	16,000	2 %	280
Regulatory Requirements	317	4,860	7,200	33 %	2,340
Utilities	13,811	56,822	82,100	31 %	25,278
Repairs & Maintenance	7,902	110,331	20,800	(430)%	(89,531)
Interfund Services	0	55,325	74,100	25 %	18,775
Other Materials & Services	857	4,294	5,700	25 %	1,406
Total Materials & Services	<u>33,921</u>	<u>292,433</u>	<u>241,200</u>	<u>(21)%</u>	<u>(51,233)</u>
Capital Outlay					
	0	2,174	2,400	9 %	227
Total EXPENDITURES	<u>46,987</u>	<u>409,700</u>	<u>400,000</u>	<u>(2)%</u>	<u>(9,700)</u>
Excess (deficiency) of Revenue over Expenditures	<u>54,202</u>	<u>508,961</u>	<u>787,100</u>	<u>(35)%</u>	<u>(278,139)</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfer Out					
	(65,059)	(508,414)	(762,400)	(33)%	253,986
Other Uses					
	0	0	(20,000)	(100)%	20,000
Total OTHER FINANCING SOURCES (USES)	<u>(65,059)</u>	<u>(508,414)</u>	<u>(782,400)</u>	<u>(35)%</u>	<u>273,986</u>
NET CHANGE IN FUND BALANCE	<u>(10,858)</u>	<u>546</u>	<u>4,700</u>	<u>(88)%</u>	<u>(4,154)</u>
BEGINNING FUND BALANCE	29,062	17,658	10,700	65 %	6,958
ENDING FUND BALANCE	<u>18,204</u>	<u>18,204</u>	<u>15,400</u>	<u>18 %</u>	<u>2,804</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
442 - Sewer CIP Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services	2,856	8,161	26,500	(69)%	(18,339)
Miscellaneous Revenues	363	2,454	3,000	(18)%	(546)
Total REVENUES	<u>3,219</u>	<u>10,615</u>	<u>29,500</u>	<u>(64)%</u>	<u>(18,885)</u>
<b>EXPENDITURES</b>					
Capital Outlay	33,517	73,859	600,000	88 %	526,141
Debt Service	0	364,691	684,900	47 %	320,209
Total EXPENDITURES	<u>33,517</u>	<u>438,550</u>	<u>1,284,900</u>	<u>66 %</u>	<u>846,350</u>
Excess (deficiency) of Revenue over Expenditures	<u>(30,299)</u>	<u>(427,936)</u>	<u>(1,255,400)</u>	<u>(66)%</u>	<u>827,464</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Debt Proceeds	0	0	600,000	(100)%	(600,000)
Transfers In	60,000	462,500	690,000	(33)%	(227,500)
Total OTHER FINANCING SOURCES (USES)	<u>60,000</u>	<u>462,500</u>	<u>1,290,000</u>	<u>(64)%</u>	<u>(827,500)</u>
NET CHANGE IN FUND BALANCE	<u>29,701</u>	<u>34,564</u>	<u>34,600</u>	<u>(0)%</u>	<u>(36)</u>
BEGINNING FUND BALANCE	615,989	611,126	586,900	4 %	24,226
ENDING FUND BALANCE	<u>645,690</u>	<u>645,690</u>	<u>621,500</u>	<u>4 %</u>	<u>24,190</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
451 - Storm Water Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services					
	8,027	69,805	93,800	(26)%	(23,995)
Miscellaneous Revenues					
	5	80	100	(20)%	(20)
Total REVENUES	<u>8,033</u>	<u>69,886</u>	<u>93,900</u>	<u>(26)%</u>	<u>(24,014)</u>
<b>EXPENDITURES</b>					
Personnel Services					
	2,896	26,821	35,600	25 %	8,779
Materials & Services					
Supplies	86	1,867	2,200	15 %	333
Professional Services	300	4,190	5,900	29 %	1,710
Travel & Training	0	52	400	87 %	348
Insurance	0	126	200	37 %	74
Regulatory Requirements	0	36	100	64 %	64
Utilities	101	456	600	24 %	144
Repairs & Maintenance	149	1,414	2,400	41 %	986
Interfund Services	0	12,967	16,900	23 %	3,933
Other Materials & Services	1	47	400	88 %	353
Total Materials & Services	<u>637</u>	<u>21,155</u>	<u>29,100</u>	<u>27 %</u>	<u>7,945</u>
Capital Outlay					
	0	452	500	10 %	48
Total EXPENDITURES	<u>3,534</u>	<u>48,428</u>	<u>65,200</u>	<u>26 %</u>	<u>16,773</u>
Excess (deficiency) of Revenue over Expenditures	<u>4,499</u>	<u>21,458</u>	<u>28,700</u>	<u>(25)%</u>	<u>(7,242)</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfer Out					
	0	0	(27,000)	(100)%	27,000
Other Uses					
	0	0	(5,000)	(100)%	5,000
Total OTHER FINANCING SOURCES (USES)	<u>0</u>	<u>0</u>	<u>(32,000)</u>	<u>(100)%</u>	<u>32,000</u>
NET CHANGE IN FUND BALANCE	<u>4,499</u>	<u>21,458</u>	<u>(3,300)</u>	<u>(750)%</u>	<u>24,758</u>
BEGINNING FUND BALANCE	22,511	5,552	3,900	42 %	1,652
ENDING FUND BALANCE	<u>27,010</u>	<u>27,010</u>	<u>600</u>	<u>4,402 %</u>	<u>26,410</u>

**CITY OF DUNDEE**  
Statement of Revenues and Expenditures  
452 - Storm Water CIP Fund  
From 3/1/2016 Through 3/31/2016  
(In Whole Numbers)

	Current Period Actual	Current Year Actual	Total Budget	Percent Total Budget Remaining	Total Budget Variance
<b>REVENUES</b>					
Charges for Services					
	7,960	9,532	12,000	(21)%	(2,468)
Miscellaneous Revenues					
	25	174	200	(13)%	(26)
<b>Total REVENUES</b>	<u>7,985</u>	<u>9,706</u>	<u>12,200</u>	<u>(20)%</u>	<u>(2,494)</u>
<b>EXPENDITURES</b>					
Capital Outlay					
	0	13,187	512,500	97 %	499,313
<b>Total EXPENDITURES</b>	<u>0</u>	<u>13,187</u>	<u>512,500</u>	<u>97 %</u>	<u>499,313</u>
Excess (deficiency) of Revenue over Expenditures	7,985	(3,481)	(500,300)	(99)%	496,819
<b>OTHER FINANCING SOURCES (USES)</b>					
Debt Proceeds					
	0	0	350,000	(100)%	(350,000)
Transfers In					
	0	0	15,000	(100)%	(15,000)
Other					
Interfund Loan	0	0	90,000	(100)%	(90,000)
<b>Total Other</b>	<u>0</u>	<u>0</u>	<u>90,000</u>	<u>(100)%</u>	<u>(90,000)</u>
<b>Total OTHER FINANCING SOURCES (USES)</b>	<u>0</u>	<u>0</u>	<u>455,000</u>	<u>(100)%</u>	<u>(455,000)</u>
<b>NET CHANGE IN FUND BALANCE</b>	<u>7,985</u>	<u>(3,481)</u>	<u>(45,300)</u>	<u>(92)%</u>	<u>41,819</u>
<b>BEGINNING FUND BALANCE</b>	51,592	63,058	46,100	37 %	16,958
<b>ENDING FUND BALANCE</b>	<u>59,577</u>	<u>59,577</u>	<u>800</u>	<u>7,347 %</u>	<u>58,777</u>

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April 19, 2016**

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**City of Dundee**  
**City Council Meeting Minutes**  
**April 19, 2016**

**Call to Order**

Mayor Russ called the meeting to order at 7:02 P.M.

**Council and Staff Attendance**

Present: Mayor David Russ, Councilors Jeannette Adlong, Ted Crawford, Storr Nelson, Kristen Svicarovich and Tim Weaver (8:54 P.M.). Absent: Councilor Doug Pugsley. Staff members: Rob Daykin, City Administrator, and Shelby Rihala, City Attorney. Denise VanDyke, Admin. Specialist II for the Mid-Willamette Valley Council of Governments, served as clerk.

**Public Attendance**

Dave Huber, Waste Management; Evan Burmester, Waste Management; Dean Kampfer, Waste Management; Preston Van Meter, Kennedy/Jenks; and members of the public - Shirley Long, Tom Edwards and Thomas W. Edwards.

**Agenda Changes**

Item 7.1, Fire Department Washer-Dryer Quotes was removed from the agenda.

Item 5.2, OLCC Liquor License Application, Esther Glen Farm and Winery LLC was added to the consent agenda.

Item 7.4, IFA Safe Drinking Water Revolving Loan Fund Letter of Interest, and Item 7.5, Four Graces Fence were added to New Business.

**Public Comment**

None.

**Consent Agenda**

**The motion** was made and seconded to approve Consent Agenda items 5.1 City Council Minutes, March 15, 2016 and 5.2 OLCC Application, Esther Glen Farm and Winery LLC. **The motion** passed unanimously.

**Old Business**

**WWTP Flood Damage Report**

Preston Van Meter reported to the Council regarding the flood damage to the Waste Water Treatment Plant (WWTP). Damage was somewhat more than anticipated and there are concerns that more parts of the system could be at risk of failure, which could be catastrophic, depending on which equipment fails. Ideally, the facility should be returned to the condition it was in when commissioned. Photos of damage and a list of recommended system elements to be replaced or rehabilitated are included in the report provided to the Council. Those repairs that have been made included some efforts to dry out conduits and other areas. More needs to be done. Van Meter recommends fully replacing all affected electrical elements and rehabilitating those elements that can be. It is an occupational health hazard to keep the electrical panels handling medium voltage after a flooding event like this. The low voltage systems are less of a concern, but should also be dealt with. Corrosion can already be seen in some areas. C. Adlong asked for clarification of the cause of the damage. Van Meter replied that the unsealed conduits were supposed to be sealed, but due to an error in construction, they were not sealed as they were intended to be. Unfortunately, they were also not readily visible. Once the water entered the conduits, it followed a common wire way that lead to the four panels that were affected.

The insurance aspect was discussed. Daykin is in contact with the City's insurance provider, who will be performing an independent investigation of the damage and cause. It is considered a construction defect and should be covered on a reimbursement basis. Emergency repair costs are already being tracked and will be submitted as soon as possible. Van Meter recommended replacing as much as possible to prevent future or continuing damage to existing equipment, including disassembling all affected equipment, one half of the system at a time, to dry everything as much as possible. Some sections of conduit will not be accessible, as they are encased in concrete. Also, the conduits are generally .75 inch to 1.5 inches in diameter. It would be best to do the entire project this summer during August and September. It may be possible to recondition some parts and save them as spares. Options regarding payment for this project were discussed. If absolutely necessary, it should be possible to do one half of the system this summer, be hopeful over the winter, and do the other half of the system next summer. However, waiting may lead to an increase in the cost. Also, there are fewer firms doing this work than there were in the past, due to the economic slump, and contractors are already busy. CIS, the City's insurance carrier, will cover this, and will probably eventually go after the general contractor, McClure & Sons, Inc. A FEMA claim has also been filed, but that only covers up to 75 percent of losses.

#### **Resolution No. 2016-04, U.S. Bank Loan**

This was presented in previous meetings. The IFA loan at 4.04% interest will be refunded with a loan through US Bank at 2.6% over seven years. The net interest savings is estimated at \$31,500. US Bank is willing to loan additional funds for other projects: placement of a new storm water main across the highway from Seventh to Eighth streets (associated with Phase 1 of the TE project and originally budgeted \$100,000 to be paid with a loan from the Water Fund), storm system improvements at Charles Street (\$50,000 estimate), and an estimated \$75,000 of I & I repairs (previous plan to use a \$600,000 DEQ loan which is requiring additional engineering and environmental reviews). The current request is for authorization to execute and deliver a full faith and credit financing agreement in a principal amount not to exceed \$970,000, designation of an authorized representative and special counsel, and related matters. The City's debt ratio was discussed. As this loan will be replacing another loan and changing rates, the City's debt ratio will be sufficient after the adoption of the resolution. **The motion** was made and seconded to approve Resolution No. 2016-04, authorizing the execution of a loan with U.S. Bank in a principal amount not to exceed \$970,000. **The motion** passed unanimously.

#### **Dundee Local Government Dinner**

Five restaurants were invited to respond to a Request for Proposal for catering services for the Local Government Dinner on August 18th. Additional responses have been received – Red Hills Provincial Dining, Babica Hen, and Red Hills Market. The proposals were discussed. Consensus was that all the businesses that responded would be a good choice. **The motion** was made and seconded to accept the proposal from Red Hills Market. **The motion** passed unanimously.

### **New Business**

#### **Waste Management Rate Request**

Dave Huber and Evan Burmester from Waste Management (WM) made a presentation to the Council, including a PowerPoint presentation not provided prior to the meeting. Burmester gave a report on the year end review of costs and expenses for the year of 2015. WM provides services for 1,000 residential customers (up from 961 in 2014), 52 commercial customers (46 in 2014), and 36 industrial customers (30 in 2014). WM serves Dundee, Newberg, Yamhill County and a portion of Washington County. In 2015, 6.8 percent of labor hours were in Dundee, which has 10.6 percent of the customer base. Ideally, the operating margin should be around the target of 10 percent. The last rate adjustment was in August, 2014. Revenues for 2015 were up across the board. There was, however, a decline in revenue from recycling sales – less than half the revenue of 2014. It is projected that 2016 will see no revenue from recycling sales as the market is gone.

WM is currently paying to dispose of the recycling materials. Expenses have all increased in 2015, especially disposal costs. If there is no rate adjustment for 2016, revenues are not anticipated to increase. However, a CPI increase in labor costs of 1.23 percent is anticipated. There will also be some capital expenses for next year related to changing from back-load to front-load equipment. Growth in the customer base is not factored in for revenue, and would also affect expenses. C. Crawford expressed concerns that not considering changes in the customer base does not provide a balanced outlook. Burmester said that in the future, those numbers can be factored in for Dundee, although WM does not usually do so for their other municipalities. C. Svicarovich asked about the increase of labor costs in relation to the mill closure. Burmester stated that the mill was in the Yamhill County jurisdiction and did not affect WM services in Dundee; however, the main changes in costs related to the closure were in administrative costs. The capital costs related to the new equipment and containers was mainly incurred at the end of the year, and will be depreciated over the next five years. The newer trucks are larger with a bigger payload capacity. As the trucks are 2008 models, there will be no depreciation for them. The recycling sales change is not related to the economy, but is an indication that the markets for plastics and the markets in China have decreased steadily. The 2015 operating margin was 8.4 percent, and is estimated to be 6.76 percent in 2016 if there is no rate increase. WM is asking for a 3.6 percent rate increase, effective July 1, 2016, to help bring the operating margin closer to the target of 10 percent. The 3.6 percent will help offset the CPI increases over the past couple of years, as well as other expense increases. For the most common service levels, residential rates would increase by about 66 cents per month, commercial rates would increase by about \$5.61 per month, and drop box rates would increase by about \$7.51.

There was discussion about the requested increase, including the fact that one percent of the percentage of rates does not equal one percent of the percentage of operating margin, recycling sales history, what the mill shut down did and did not affect, and what the disposal costs include. C. Nelson asked how the efficiencies benefit the customer base. We hear about efficiencies, see new trucks and then see rate increases. C. Adlong mentioned the possibility of monthly trash pickup with weekly recycling and yard debris. This would benefit those who do not fill a small trash container each week. WM can discuss and consider this as a potential option for the future. It might depend on the interest in that kind of service. C. Adlong pointed out that many smaller households, especially those on fixed incomes, may well be interested and could benefit. Mr. Huber explained that the "new" trucks are not really new (2008 models), but the change from rear-load trucks (which were about 13 years old) to the newer front-load trucks required a change of containers for all commercial customers. For the long term, the newer trucks have a larger payload capacity, are more efficient, and are easier on the drivers. The Council expressed their desire to try to keep the rates as low as possible.

C.A. Daykin mentioned that increasing the franchise fee from three percent to five percent, like Newberg has done, can be considered. The concern was expressed that the franchise fee is passed along to the customer base, so this would not necessarily be better than raising the rates. Options were discussed. The franchise fees come to the City and could be used for street repairs. Consensus was against raising the franchise fees.

The Mayor suggested a three percent rate increase. Huber mentioned that it has been two years since the last increase; hopefully it would be enough so WM would not need to come back next year asking for another rate increase. Burmester added that the 4.61 percent increase in 2014 did not maintain the operating margin through 2015. He explained that it is difficult to estimate the CPI for the coming year and labor costs, plus some costs are beyond their control and extremely hard to project. It is also difficult to forecast the recycling sales losses. C. Svicarovich asked what increase is being requested in the other communities. Huber said that it is a comparable increase. Consensus was that the Council wishes to see more information, but could support a

three percent rate increase. When asked, Huber said that they can come back to the next meeting if it would help. It was decided that WM will contact the City Administrator regarding their decision to either accept a three percent rate increase or to bring more information to the Council requesting the 3.6 percent increase. Additional information requested by the Council includes incremental costs per new customer, at what point do additional customers require additional resources, an estimate of potential customer base growth for 2016, and more detail of revenues vs. expenditures.

### Utility Rate Review

C.A. Daykin presented a review of city utility rates. He does not recommend any changes in the water rates. He cautioned that it is very difficult to forecast summer water sales, as that takes into consideration the weather and other things that affect water usage. Information about the rates and any increases will be included in the City newsletter, including the chart shown on page 78 of the agenda packet that shows Dundee's rates compared to other jurisdictions. An incremental increase in sewer rates is being recommended. I&I work completed in recent years depleted the sewer utility reserves needed for eventual replacement of MBR panels. Replacement of the membrane units is not eligible for SDC reimbursement. Also, funds will be needed for the high cost of periodic sludge removal from the lagoons, and more I&I work will likely need to be done. More incremental increases are needed as costs increase and needed projects come up. The proposed increase is \$1.50 per month in the base charge for the domestic/low commercial class, with recalculated volume rates. A chart was provided on page 77 of the agenda packet. The costs of the repairs to the WWTP were discussed. Customer water usage can greatly affect the sewer charges. Some jurisdictions have a flat fee per household for residential sewer usage to offset seasonal fluctuations in usage. Daykin explained that the base rate divided by the minimum usage amount (550 cubic feet) determines the volume rate. Rates are based on winter usage, which includes November through the end of April. Changing the winter cutoff date to April 1<sup>st</sup> was discussed based on the recent weather changes. Consensus was to do so. Storm water rate changes are related to projects that will increase capacity. The increase would be 50 cents per month. The chart showing combined water and sewer rates for cities in Yamhill County was discussed. Monthly utility fees for storm water or streets were not included. Consensus was to authorize increases to storm water and sewer rates as proposed, with the caveat that the irrigation rate for sewer be established at April 1<sup>st</sup>. Staff will bring a resolution to the next meeting for the approval of the Council.

### IFA SDWRLF Leak Detection Application

C.A. Daykin reported that he is submitting a request to the State via IFA for a Safe Drinking Water Revolving Loan Fund (forgivable loan) to pay for a contractor to help with waterline leak detection. An attempt was made a few years ago to do this, but the results were not satisfactory and only part of the system was inspected, so a more comprehensive inspection is warranted. The maximum amount of the grant is \$20,000, so the project will need to be made scalable. The form requires Council authorization. **The motion** was made to authorize the City Administrator to submit an application for a SDWRLF forgivable loan for leak detection program in the amount of \$20,000. **The motion** passed unanimously.

### Four Graces Fence

A picture was provided of the location where the Four Graces vineyard wants to build a deer fence on their property line. This line would cut off a gravel road between Alpine and Ione streets that is used by the garbage trucks, which would be problematic. The road could be moved, but it would be simpler to move the fence. The property owners expressed their concern to staff if the City would then own that part of their property. The City Attorney explained that this is not the case and a simple agreement could be created establishing ownership and usage permissions. Discussion included the accuracy of the property lines on the photo and if/how right of way was

involved. Details on the design of the fence are not known at this time. Concerns regarding emergency vehicle accessibility if the road is blocked were discussed. It would be awkward for large emergency vehicles without a turnaround area. It was pointed out that farm equipment needs room to turn at the end of the rows, on the vineyard side. Options were discussed. An informal agreement would not need a new survey; however, a more formal, recorded land use action (such as an easement) would require a survey. Staff was directed to work with the property owners/management and try to find a compromise that will leave the road open and provide a minimal impact to the view of the vineyard from the park and walking trail.

### **Council Concerns and Committee Reports**

C. Adlong asked for an update regarding the Parks Committee and Viewmont Greenway Park project. Daykin said that he is trying to get the TE project moving ahead and the City Engineer is unable to address the issues on the Viewmont Greenway Park project. TE project phase I plans should be submitted to ODOT for the review process soon. Work is being done to make certain that all unit pricing is consistent and involves recent and appropriate examples. Staff is working with ODOT, which seems to be going better. However, the initial cost estimates from March 2015 are about 25 percent below current cost estimates. It is unclear why the discrepancy is so great, but staff is looking into it. As the TE project is a priority project, and there are also two other street projects that need to be completed prior to work on the park project. Daykin expects the City Engineer will be able to engage the Parks Committee prior to work starting up this summer. C. Crawford asked about the sidewalk in front of Argyle. If something is done about the sidewalk now, it will need to be torn out and re-done shortly. ODOT was not able to meet ADA requirements with the existing sidewalks, so a compromise was reached to raise the curbs throughout the project. The raised curbs will allow for the ADA requirements to be met. There is a cost increase, but we are working with ODOT. Tony Snyder has been helpful. Regional Solutions were contacted by the Mayor, and they contacted Tim Potter at ODOT. It is too soon to know how quickly ODOT will respond to resolve the funding issues.

C. Crawford mentioned that the Harvey Creek property is back on the market and he has a contact at Trust for Public Lands who may be able to help with possible property acquisition. Consensus was that the Council is still interested. The Mayor asked to be included in any communication on this.

### **Mayor's Report**

The "If I Were Mayor" contest is coming to an end. The City of Dundee is working only with Dundee Elementary this year to ensure a winner from Dundee. There has been very low response from the school kids. The Mayor asked for volunteers to meet half an hour early for the next meeting for judging. C. Adlong and C. Weaver indicated that they should be available.

### **City Administrator's Report**

The first Budget meeting is this Thursday. There is a conflict with the Yamhill County Dinner, but this Budget meeting is only introductions, discussion of process and handing out of materials. For those Councilors who miss the Budget meeting, materials can be picked up the next day.

Chief Stock is investigating the possibility of a new apparatus. He will be verifying that the equipment is what we would be interested in before coming to the Council to request authorization to proceed. This apparatus would replace Engine 31, a pumper truck. The current engine is having maintenance issues. Mayor Russ noted the company that made much of the parts of the truck is defunct, so parts are getting to the point of needing to be machined specially.

**Public Comment**

None.

The meeting was adjourned at 9:09 P.M.

**Executive Session:**

The City Council entered Executive Session at 9:10 P.M. in accordance with ORS 192.660 (2) (i) to review and evaluate the employment-related performance of the chief executive officer of any public body, a public officer, employee or staff member who does not request an open hearing. Executive Session ended at 10:20 P.M. and the Council did not reconvene.

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David Russ  
Mayor

Attest:

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Rob Daykin  
City Administrator/Recorder





**To: Dundee City Council**

**From: Greg Reid, City Engineer**

**Date: 4/28/2016**

**Re: Highway 99W, 10th Street Improvements - Change Order #3 due to Unforeseen Depth of Existing Storm Pipe**

The following provides a summary of the Change Order #3 resulting from the unknown depth of the existing storm pipe in the highway.

During construction, the depth of the existing storm pipe was determined to be almost a foot deeper than anticipated during the design of the 10th Street Improvements. As a result the storm design was modified to lower the proposed pipes and manholes to accommodate the existing pipe depth. The lowering of the pipe resulted in additional costs related to the deeper trenches to be excavated and additional manhole sections. The lower storm piping required the water main that was originally designed to cross under the storm piping to be raised to cross over the storm piping. This resulted in reduced costs for the installation of the water main. The attachment (Plan Revisions) provides the additional costs (\$5,760) that Weitman originally submitted for these changes. I questioned the cost of Item 30 - Added 1' Manhole Sections which appeared excessive and Weitman agreed to reduce this cost by 50%. See the attached email from Jim Weitman. This reduced the cost of this change order to \$3,840.

Recommendation

It is staff's recommendation to approve Change Order #3 at a cost of \$3,840 for the Plan Revisions associated with the deeper existing storm pipe.

# Dundee - OR99W & 10th St. - Plan Revisions



## Weitman Excavation, LLC

11225 SW Clay Street

Sherwood, OR 97140

Contact: Jim Weitman

Phone: (503) 682-3322

Fax: (503) 682-3366

To: City of Dundee  
 Attn: Greg Reid

Date: 03.15.2016  
 Job No. 15027  
 PCO: P006; Plan Revisions

Phone: 503.538.6700  
 Email: city.engineer@dundeecity.org

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	LOWERING STORM LINE	20.00	CY	160.00	3,200.00
20	REROUTING WATER LINE	-8.00	CY	160.00	-1,280.00
30	ADDED 1' MANHOLE SECTIONS	3.00	EA	1,280.00	<del>3,840.00</del> \$1920
<b>GRAND TOTAL</b>					<del>\$5,760.00</del> \$3840

### NOTES:

Jim Weitman  
 Weitman Excavation  
 503.969.5961  
 jweitman@weitmanexcavation.com

## City Engineer

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**From:** Jim Weitman [jweitman@weitmanexcavation.com]  
**Sent:** Wednesday, April 27, 2016 2:31 PM  
**To:** City Engineer  
**Subject:** RE: 10th Street CO#3, Preliminary Punch List & AC Quantities

GSR,

I am so sorry. Consider me overbooked and overworked. Still no reason to let you guess on some of these open issue. I will agree to the notion below to close this out and get it behind us.

Thank you,

*Jim Weitman*

Weitman Excavation  
Office: 503.682.3322 Cell: 503.969.5961

**From:** City Engineer [mailto:city.engineer@dundeecity.org]  
**Sent:** Wednesday, April 27, 2016 12:01 PM  
**To:** Arlyn Dunn <adunn@weitmanexcavation.com>; Jim Weitman <jweitman@weitmanexcavation.com>; Richard Morgan <rmorgan@weitmanexcavation.com>  
**Cc:** Alan Mustain <Alan.Mustain@dundeecity.org>; Chuck Simpson <Chuck.Simpson@dundeecity.org>; Rob Daykin <Rob.Daykin@dundeecity.org>  
**Subject:** 10th Street CO#3, Preliminary Punch List & AC Quantities  
**Importance:** High

Jim: We need to resolve Change Order #3 regarding the cost of the 1' manhole sections. If you have not received anything from your supplier, how about we say \$640 per section for a cost of \$1920. This would put the cost of CO#3 at \$3840. See the attached. If this is acceptable, please let me know ASAP so that I can get it approved at the next council meeting.

Arlyn: Preliminary Punch List: Return two candle stick cones taken from along 10th Street ditch (DPW marked on them) and provide and install the Steamer Port Fitting, Storz HHPHA5045NHWCAP, on the hydrant. I will do a walk when I measure the AC areas (see below) and let you know if I see anything else.

Arlyn, Richard & Jim: We need to deduct the AC repair and driveway approach quantities (Lumpy's, 10th repair and approach by DWC and around inlet behind Rizzo Winery) from the ACP tonnage to be paid. Note that the Dwy Approach in front of the Woman's Ctr. was paid through a separate item. As for the 10th Street repair, I will pay for the stabilization that I asked to be placed beneath the asphalt repair. Do you want me to put together my estimate of the quantities to be deducted for your review or do you want to meet on-site and go over it together? I am out of town tomorrow and available on Friday.

Please let me know regarding CO#3 ASAP. I will need to have an answer by the end of day today to get it on the council agenda.

Thank you,

GSR

City Engineer  
City of Dundee



# R E P O R T

To: Mayor Russ and City Council

From: Rob Daykin, City Administrator

Date: April 25, 2016

Re: TE Sidewalk/Streetscape Project Update

As of the date of this memo, the plans for Phase 1 of the TE Sidewalk/Streetscape Project have been submitted to ODOT for review and permitting. City Engineer Greg Reid and ODOT Project Manager Tony Snyder reviewed all work to be completed in Phase 1 (City designed) and Phase 2 (ODOT designed) and identified their share of the following funding sources: 1) Transportation Enhancement (TE) grant, 2) ODOT Bike/Ped grant, 3) City of Dundee local TE match, 4) Local Improvement District assessments, 5) City of Dundee Water CIP Fund, 6) City of Dundee Storm Water CIP Fund, 7) City of Dundee – Franchise Undergrounding, and 8) ODOT Highway Preservation. Project Manager Snyder is expected to complete updated cost estimates of Phase 2 prior to the May 3 council meeting for review and discussion.

In 2014, former City Engineer Eaton provided an estimate of \$97,500 to install the conduit in Phase 1 and \$57,000 for Phase 2. To complete the undergrounding along Highway 99W, Frontier estimated the cost to be \$289,300 and Comcast estimated the cost to be \$184,800. Council authorized the design to include the conduit in Phase 1, although a specific funding source was not identified at the time. Since costs related to undergrounding are not an eligible expense under the grants, these improvements would have been paid out of City funds. At the end of 2014, both the PGE franchise and the Northwest Natural Gas franchise agreements were modified to collect additional fees in the Street CIP Fund. One of the purposes of the additional franchise fees paid to the Street CIP Fund is for the undergrounding of overhead utilities. It is estimated that by the end of FY 2016-17, the Street CIP Fund would collect about \$100,000 in the new franchise fees since its inception. Following review of Phase 1 cost estimates and completion of the 9<sup>th</sup> Street/Highway 99W project, staff is concerned that the cost of installing conduit under the sidewalk will be much greater than expected. The estimate for installing conduit in Phase 1 is now estimated at \$234,700. Since this is a much greater cost than estimated in 2014, staff wants to discuss options with the Council to either reduce the cost or find another means to finance the improvements.

The TSP calls for a parkway collector improvement to Eleventh Street between Highway 99W and Maple Street. The TSP identifies two parkway collector standards – see the attached Figure 9 with the shared-use path and Figure 10 with bike lanes. The narrative on page 25 of the TSP indicates Figure 10 should be used for Eleventh Street. However, that seems to be in conflict with former City Engineer Eaton's design and prior conversations with the Council to carry the shared-use path along Eleventh to the highway. There are design challenges and options that City Engineer Reid wishes to review with the Council at the May 3 meeting regarding Eleventh Street improvements.

## Parkway Collector

The Parkway Collector standard shown in Figure 9 will be used in the Riverside District to help establish and reinforce the special character of the District, and to connect the Riverside District with downtown Dundee. This standard uses the same amount of right of way as a regular Collector street, but does not include on-street parking or Sharrows.

The new north-south collector in the Riverside district should include a twelve-foot shared-use path on one side and regular six-foot sidewalk on the other side.

All other Parkway Collectors, including Fulquartz Landing, 11<sup>th</sup> Street, 5<sup>th</sup> Street, and Edwards Drive should include bike lanes as shown in Figure 10.

The Parkway Collector standard should be used on streets connecting downtown Dundee with the Riverside area, including the new north-south collector in Riverside, Fulquartz Landing, 11<sup>th</sup> Street, Edwards Drive, and 5<sup>th</sup> Street. Parkway Collector roadways may include either bike lanes or a twelve-foot shared-use path on one side. On-street parking is not allowed on Parkway Collector roadways.

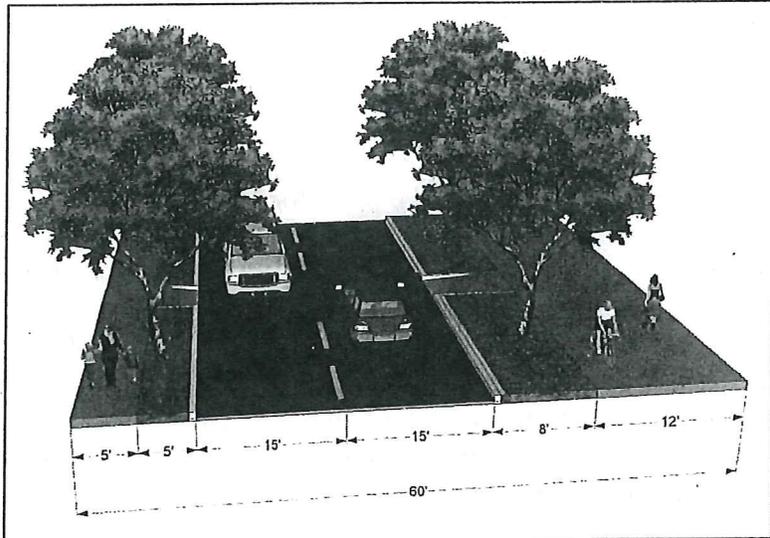


Figure 9: Parkway Collector with Shared-Use Path

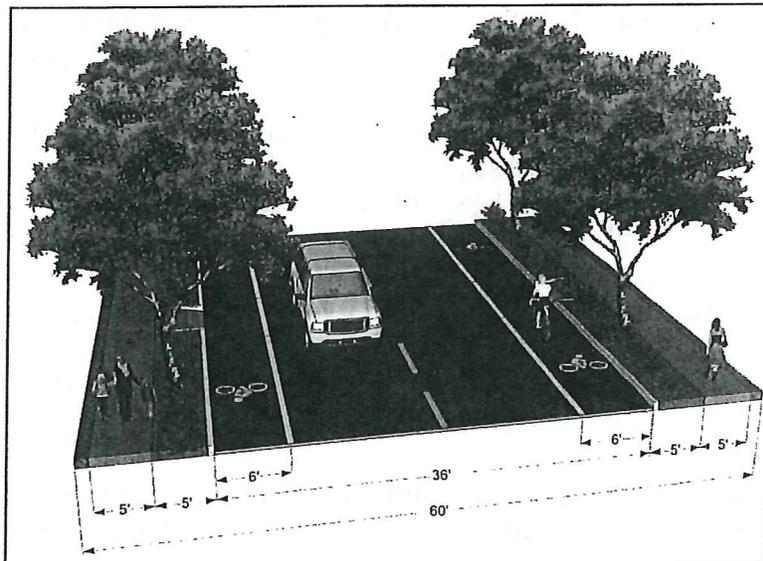


Figure 10: Parkway Collector with Bike Lanes

**RESOLUTION NO. 2016-05**

**A RESOLUTION SETTING SEWER RATES AND REPEALING RESOLUTION NO. 2015-05.**

**WHEREAS**, the City of Dundee owns and operates a sewer system and Section 13.16.190 of the Dundee Municipal Code authorizes the establishment of sewer charges by resolution; and

**WHEREAS**, the City Council adopted sewer rates based on the cost of service approach prepared by Galardi Consulting in 2010; and

**WHEREAS**, on April 19, 2016 the City Council reviewed wastewater treatment facility operating expenses, repairs to the sewer collection system to reduce storm water infiltration into the sewer system, and increasing reserves to replace membrane bio-reactor panels at their end of life; and

**WHEREAS**, it is necessary to increase service revenue to ensure the financial self-sufficiency of the sewer system; and

**WHEREAS**, the City Council provided opportunity for public comment on the proposed rate changes;

**NOW THEREFORE, THE CITY OF DUNDEE RESOLVES AS FOLLOWS:**

**Section 1.** The City Council hereby sets the rates for sewer services effective August 1, 2016 as shown in Exhibit "A" attached.

**Section 2.** Resolution No. 2015-05 is hereby repealed, effective August 1, 2016.

**PASSED by the City Council this 3<sup>rd</sup> day of May 2016.**

**Approved:**

\_\_\_\_\_  
David Russ, Mayor

**Attest:**

\_\_\_\_\_  
Rob Daykin, City Administrator/Recorder

**City of Dundee  
Sewer Rate Schedule**

**Effective August 1, 2016**

**Residential:**

Base Monthly Sewer Charge - \$66.46 per dwelling unit.

Volume Charge - \$.0870 per cubic foot of water consumption after the first 550 cubic feet per dwelling unit. The volume charge is based on actual water consumption for the months November through March. For the months April through October, the volume charge is based on the lesser of actual consumption or the average of the preceding winter months water use, December through February. Until such time new accounts have established the average winter consumption, the assumed average winter consumption shall be 550 cubic feet per dwelling unit.

**Non-residential:**

Domestic/Low (BOD/TSS < 300)

Base Monthly Sewer Charge - \$66.46  
Volume Charge (per cubic foot) - \$.0870

Ex: Auto Dealers  
Auto Repair Shops  
Beauty/Barber Shops  
Car Washes  
Churches  
Day Care  
Gasoline Stations  
Health Clubs/Spas  
Hotels/Motels – No Restaurant  
Laundromats/Dry Cleaners  
Machine Shops  
Medical/Dental Clinics  
Nursing Homes  
Offices  
Photo/Art Studios  
Print Shops  
Retail, General Merchandise  
Schools  
Theaters  
Veterinary/Kennel  
Warehouse  
Wine Tasting

**City of Dundee  
Sewer Rate Schedule**

**Effective August 1, 2016**

**Non Residential (Continued):**

Medium (BOD/TSS 301-600)	Base Monthly Sewer Charge - \$76.51 Volume Charge (per cubic foot) - \$.1052
Ex: Drinking Places (with minimal food preparation)* Hotels/Motels – With Restaurant Markets (with minimal food preparation)*	
High (BOD/TSS 601-1,000)	Base Monthly Sewer Charge - \$94.69 Volume Charge (per cubic foot) - \$.1383
Ex: Bakery Stores – On-Site Baking Brewpubs Commercial Kitchens/Catering Drinking Places – With Restaurant or Bakery like Food Preparation Grocery Stores – Full Service (with bakeries or food preparation or meat processing) Meat & Fish Markets/Processors Mortuaries Restaurants/Cafeterias	
Very High (BOD/TSS 1,000+)	Base Monthly Sewer Charge - \$113.34 Volume Charge (per cubic foot) - \$.1722
Ex: Bakeries – Wholesale Breweries Cheese/Dairy Product Processing Wineries	

\* Minimal food preparation – food is assembled from prepackaged food products and cooking, other than warming, is not required

Notes to the Non-Residential Categories:

- (1) Base monthly charge is for 0 to 550 cubic feet of water consumption per metered account and the volume charge is calculated for water consumption over 550 cubic feet.
- (2) The volume charge is based on actual water consumption throughout the year. Water consumed through a meter installation approved by the City solely for irrigation water is not used to calculate sewer charges.
- (3) Uses listed within the non-residential categories are illustrative, other uses assigned by the City Engineer based on estimated effluent characteristics.
- (4) Uses with pre-treatment will be assigned to the relevant class by the City Engineer following annual certification of their pre-treatment program.



**RESOLUTION NO. 2016-06**

**A RESOLUTION SETTING STORM WATER RATES AND ASSOCIATED CHARGES AND REPEALING RESOLUTION NO. 2015-06.**

**WHEREAS**, Chapter 13.20.050 of the Dundee Municipal Code authorizes the establishment of fees and charges necessary to provide and operate a storm water system and service; and

**WHEREAS**, the City Council reviewed the need for construction of additional storm water facilities to increase capacity in the existing storm water facilities along Highway 99W and new storm water facilities to reduce surcharging and localized flooding at Charles Street during significant storm events; and

**WHEREAS**, the City Council authorized the issuance of debt to finance storm water facility improvements; and

**WHEREAS**, on April 19, 2016, the City Council determined it is necessary to increase service revenue to ensure the financial self-sufficiency of the storm water system; and

**WHEREAS**, the City Council provided opportunity for public comment on the proposed rate changes;

**NOW THEREFORE, THE CITY OF DUNDEE RESOLVES AS FOLLOWS:**

**Section 1.** The monthly stormwater service rate shall be as follows:

Residential - \$6.00 per dwelling unit.

Multi-Family/Non-Residential - \$6.00 plus \$.20 per hundred square feet of impervious area rounded to the nearest hundred square feet that is in excess of 3,000 square feet.

**Section 2.** Resolution No. 2015-06 is hereby repealed.

**Section 3.** The effective date of this resolution is August 1, 2016.

**PASSED by the City Council this 3<sup>rd</sup> day of May 2016.**

**Approved:**

\_\_\_\_\_  
David Russ, Mayor

**Attest:**

\_\_\_\_\_  
Rob Daykin, City Administrator/Recorder



4/27/2016

To: City Council and Mayor  
FM: John Stock, Fire Chief  
RE: Used Fire Engine Purchase

The time has come to replace the 1990 Fire Engine (aka E-31) that we bought used in 2008. When purchased we planned on using the engine for 5 years and it has served us 8 years. E-31 is used to respond to a wide variety of call types and its age and hard use has caught up with it. At over 90,000 miles and 3800 hours the motor, transmission and transfer case are showing signs of failure. In 2015 E-31 responded to 173 calls for service.

### Replacement:

I have found an outstanding 2005 used Fire Engine that will serve our needs. The recommended replacement is a:

**Year:** 2005

**Make:** Ferrara Rescue Pumper

**Model:** Metro Star

**Mileage:** 38,033

**Features:** 1500 gpm pump, 500 gal water tank, 40 gal foam tank, CAT 6-7 350hp motor, Jake brake, all 6 tires are new, 3-ladders, light tower, on board generator, booster hose reel, 911 Data mobile data terminal, thermal imaging camera, on board radio chargers, personal work lights and seating for 6.



The engine is owed by Cloverleaf Fire Department who covers Harris County Emergency Services District 12 in Houston Texas. They're selling the engine as part



---

of a planned age based fire apparatus replacement program. The engine was in service until February 1, 2016 and operating at the time it was replaced.

Firefighter Heim and I traveled to Texas 4/24/16 and inspected the Fire Engine. It has been very well maintained and is in excellent condition. Its design configuration will allow us to expand our daily call response functions.

**Procurement:**

The Fire Engine is offered for sale through an online auction site specifically for public agencies, [www.publicsurplus.com](http://www.publicsurplus.com). I have attached the Terms and Conditions for Auction #1558404 - 2005 Ferrara Rescue Pumper

As of 4/27/2016 the bid was at \$60,000 and bids are accepted at \$100 increments (a reserve price is set on the auction). My research found that Cloverleaf FD paid in the neighborhood of \$400,000 to \$450,000 in 2005 and after factoring industry depreciation, price comparisons and desirability; I feel its value today is \$165,000 (+/-).

**Request:**

The exceptional condition of the 2005 Ferrara Fire Engine will easily meet the Industry standard of another 15 years of service with proper care and preventative maintenance. I'm requesting approval to bid on Public Surplus Auction #1558404 with a not to accede amount of \$100,000. Hopes are that we are high bidder at a much lower cost, but this is the maximum request. Currently we have roughly \$98,000 allotted in reserve to replace E-31.

This used Fire Engine at \$100,000 = \$6,666 per yr. over 15 yrs.

A similar new base line Fire Engine cost \$330,000 = \$13,200 a yr. over 25yrs

\$13,200 over 15 years = \$198,000 compared to the \$100,000 requested would save our underfunded Apparatus Replacement Fund \$98,000 over 15 years.

Thank you for your time and support, Chief Stock

## Harris County Emergency Services District No. 12

### Terms and Conditions

#### ONLINE SALES - TERMS AND CONDITIONS

**Guarantee Waiver.** All property is offered for sale "as-is, where-is." *Harris County Emergency Services District No. 12* makes no warranty, guaranty or representation of any kind, expressed or implied, as to the merchantability or fitness for any purpose of the property offered for sale. The Buyer is not entitled to any payment for loss of profit or any other money damages - special, direct, indirect, or consequential.

**Description Warranty.** *Harris County Emergency Services District No. 12* warrants to the Buyer that the property offered for sale will conform to its description. Any claim for mis-description must be made prior to removal of the property. If *Harris County Emergency Services District No. 12* confirms that the property does not conform to the description, *Harris County Emergency Services District No. 12* will keep the property and refund any money paid. The liability of *Harris County Emergency Services District No. 12* shall not exceed the actual purchase price of the property. Please note that upon removal of the property, **all sales are final.**

**Inspection.** Most items offered for sale are used and may contain defects not immediately detectable. Bidders may inspect the property prior to bidding. Bidders must adhere to the inspection dates and times indicated in the item description or contact the person listed to schedule an inspection.

**Consideration of Bid.** *Harris County Emergency Services District No. 12* reserves the right to reject any and all bids and to withdraw from sale any of the items listed.

**Notice of Award.** Successful bidders will receive a Notice of Award by email from PublicSurplus.com

**Payment.** Public Processing, LLC, a third-party payment processing company, receives all payments for *Harris County Emergency Services District No. 12*. Payment for an awarded item must be received **within five (5) business days** after the Notice of Award of the successful bid.

Payment may only be made online by credit card, or by wire transfer. **NO CASH, CHECKS, OR MONEY ORDERS WILL BE ACCEPTED.** If you choose to pay with a credit card, please follow the instructions below. The credit card limit per transaction is \$4,000.00. For payments larger than this amount, follow the instructions listed under Wire Transfers.

#### Payment by Credit Card

Login to the Public Surplus site. Click on "My Stuff" and then click on "Past Bids". Click on the description of the auction and then click on "Pay Online" link located on the right hand side of the screen. Follow the steps to complete the transaction. A receipt will be emailed to you once the payment has cleared.

Partial Payment

There will be **NO** partial payments allowed for an auction. All auctions must be paid in full according to the specified payment process. For example, you **WILL NOT** be able to pay partially for an auction by Credit Card and pay the remainder by another payment method, such as a wire transfer.

Wire Transfers:

For payments over \$4,000.00, a Wire Transfer is required. If you need to do a wire transfer, please email support at [buyersupport@publicsurplus.com](mailto:buyersupport@publicsurplus.com) asking for wire instructions or request the instructions via live chat. These instructions will be emailed to you. Please follow them exactly to allow for prompt payment.

Pick-Up Procedures

1. You will be notified upon receipt of payment. You may then contact the responsible party listed for the auction item and arrange for a mutually convenient pick-up time. You must bring to the pick-up location (1) the "Notice of Award," (2) the "Paid Receipt" and (3) personal identification (such as a Driver's License). **You must present all three identification items at the scheduled pick-up, or the auction item(s) will not be released to you.**

2. If you are picking up an item for someone else, you will need to bring the Notice of Award and the Paid Receipt (photo copies are acceptable), plus a note from the designated "winning bidder" specifically naming you as authorized representative, along with your own personal identification. In addition, you must arrange for the winning bidder to send an e-mail from the winning bidder's e-mail address used for the auction stating that you are authorized to pick-up the item.

**Bid Deposits.** *Harris County Emergency Services District No. 12* may require bid deposits in order to ensure fairness to all bidders. The deposit will be reversed if no default occurs or the bidder does not win the auction. The deposit will be retained if the winning bidder defaults.

**Buyers Premium:** A Buyers Premium may be added to the final sale price with a \$1 minimum charge per auction to collect payment. If added, the premium will be visible during the bidding process and will be included in the payment required.

**State/Local Sales and/or Use Tax.** *Harris County Emergency Services District No. 12* may collect sales tax, unless the Buyer has provided a valid tax-exempt certificate to *Harris County Emergency Services District No. 12* prior to payment. If applicable, the sales tax will be visible during the bidding process and will be included in the payment specified.

**Removal.** Buyer must remove auction item(s) from the agency's premises **within ten (10) business days** after the time and date of issuance of the Notice of Award. If the Buyer, after making payment for an item, fails to remove the item within the specified time, the agency reserves the right (1) to retain all payments; and (2) to dispose of the item through another auction or otherwise. Successful bidders are responsible for packing, loading, removing and transporting of all property awarded to them from the place where the property is located as indicated on the website and in the Notice of Award. The Buyer must make all arrangements and perform all work necessary, including packing, loading and transportation of the property. Under no circumstances will *Harris County Emergency Services District No. 12* assume responsibility for packing, loading or transporting. For additional information, please contact *Christi Schaeffer (713) 652-6500, [cschaeffer@smithmur.com](mailto:cschaeffer@smithmur.com).*

**Vehicle Titles.** *Harris County Emergency Services District No. 12* will issue a title or certificate upon receipt of payment. Titles may be subject to any restrictions as indicated in the item description on the website. Open titles cannot be issued. *Harris County Emergency Services District No. 12* will not issue replacement titles.

**Default.** Default shall include (1) failure to observe these terms and conditions; (2) failure to make



**Sample Standard Disclaimers**

Standard Disclaimer for *Harris County Emergency Services District No. 12*:

Viewing of Auction items by appointment only.

**Bid Deposits:** **Harris County Emergency Services District No. 12** may require bid deposits to ensure fairness to all buyers.

Public Processing, LLC handles all payments for *Harris County Emergency Services District No. 12*.

Acceptable forms of payment are: Wire Transfer or Credit Card.

**NO CASH, CHECKS, OR MONEY ORDERS WILL BE ACCEPTED!**

Payment for an awarded item must be received within five (5) business days after notice of award of the winning bid.

*Harris County Emergency Services District No. 12* will charge a sales tax of **8.25%** (excluding mobile homes or other vehicles requiring sales tax be paid when vehicle is registered with the County and/or State). The tax rate will be calculated at the time of bidding. When sales tax is included, the buyer shall add and include the sales tax amount when making payment.

**Buyers Premium:** A Buyers Premium of **10%** will be added to the final sale price with a \$1 minimum charge per auction for payment collections. This premium if applicable will be visible during the bidding process and added to the total bid.

All sales are final. Public Processing will notify buyer of receipt of payment via email.

The successful bidder will be responsible for removal or pick-up of item(s) from the agency's premises. Removal must occur within ten (10) business days after notification of award of the winning bid. The notice of award, the payment receipt, and personal identification must be presented at the time of pick-up, or the **Harris County Emergency Services District No. 12** will not release the item to you.

Pick-up hours by appointment only.

The successful bidder will be responsible for the packing, loading and/or transporting of any item(s), if necessary.

## Auction Payment and Pick-Up Procedure

Congratulations on your winning bid. *Harris County Emergency Services District No. 12* appreciates your participation in our auction. Listed below are the instructions for payment and pick-up.

### Payment

Public Processing, LLC, a third-party payment processing company, receives and processes ALL payments for *Harris County Emergency Services District No. 12*.

Payment may only be made online by credit card, or by wire transfer. **NO CASH, CHECKS, OR MONEY ORDERS WILL BE ACCEPTED!**

If you choose to pay with a credit card, please follow the instructions below. The credit card limit per transaction is \$4,000.00. For payments larger than this amount, follow the instructions listed under Wire Transfers.

### Sales Tax

Applicable sales tax will be added to the amount due unless the buyer has provided a valid tax-exempt certificate to *Harris County Emergency Services District No. 12* prior to payment.

### Partial Payments

There will be NO partial payments allowed for an auction. All auctions must be paid in full by the specified payment process. For example, you WILL NOT be able to pay partially for an auction by Credit Card and pay the remainder by another payment method, such as a wire transfer.

### Credit Cards

Login to the Public Surplus site. Click on "My Stuff" and then click on "Past Bids". Click on the description of the auction and then click on "Pay Online" link located on the right hand

side of the screen. Follow the steps to complete the transaction. A receipt will be emailed to you once the payment has cleared.

### Wire Transfers

For payments over \$4,000.00, a Wire Transfer is required. If you need to do a wire transfer please email support at [buyersupport@publicsurplus.com](mailto:buyersupport@publicsurplus.com) asking for wire instructions or request the instructions via live chat. These instructions will be emailed to you. Please follow them exactly to allow for prompt payment. **Wire transfer can take up to 2 business days to be received and posted. Do not attempt to pick-up your item until you have received notification that the wire transfer has been received.**

### Pick-Up Procedures

1. You will be notified upon receipt of payment. You may then contact the responsible party listed for the auction item and arrange for a mutually convenient pick-up time. Be sure to bring with you to the pick-up location (1) the "Notice of Award," (2) the "Paid Receipt" and (3) personal identification (such as a Driver's License). **You must present all three identification items at the scheduled pick-up, or the auction item(s) will not be released to you.**

2. If you are picking up an item for someone else, you will need all of the items listed in #1 (photo copies are acceptable), plus a note from the designated "winning bidder" specifically naming you as authorized representative, along with your own identification. In addition, you must arrange for the winning bidder to send an e-mail from the winning bidder's e-mail address used for the auction stating that you are authorized to pick-up the item.

### Removal

Buyer must remove auction item(s) from the agency's premises **within ten (10) business days** after the time and date of issuance of the Notice of Award. If the Buyer, after making payment for an item, fails to remove the item within the specified time, the agency reserves the right (1) to retain all payments; and (2) to dispose of the item through another auction or otherwise. Successful bidders are responsible for packing, loading, removing and transporting of all

property awarded to them from the place where the property is located as indicated on the website and in the Notice of Award. The Buyer must make all arrangements and perform all work necessary, including packing, loading and transporting of the property. Under no circumstances will **Harris County Emergency Services District No. 12** assume responsibility for packing, loading or transporting.

02212-001 240738v1 cls



**CITY OF DUNDEE  
RESOLUTION NO. 2016-07**

**A RESOLUTION APROVING AN AMENDMENT TO THE 2006 STORM DRAINAGE MASTER PLAN.**

**WHEREAS**, the City Council adopted Resolution No. 06-20 approving the Storm Drainage Master Plan prepared by Westech Engineering, Inc. in 2006; and

**WHEREAS**, the 2006 Storm Drainage Master Plan (Plan) will assist the City in the engineering, planning and implementation of capital improvements to the storm drainage system; and

**WHEREAS**, the Kennedy/Jenks Consultants, Inc. was engaged to re-evaluate the deficiencies within the storm drainage system along Highway 99W that were identified in the Plan; and

**WHEREAS**, the City Council reviewed recommendations from the City Engineer for an amendment to the Plan at a regular meeting on May 3, 2016;

**NOW, THEREFORE, BE IT RESOLVED**, the Dundee City Council does hereby adopt an amendment to the 2006 Storm Drainage Plan that incorporates the recommended system improvements shown in Figure 1 to the attached memorandum prepared by the City Engineer.

**PASSED** this 3<sup>rd</sup> day of May, 2016.

**Approved:**

\_\_\_\_\_  
David Russ, Mayor

**Attest:**

\_\_\_\_\_  
Rob Daykin, City Administrator/Recorder



**To: Dundee City Council**

**From: Greg Reid, City Engineer**

**Date: 4/28/2016**

**Re: Storm Drainage Master Plan Amendment - Basin 2 Improvements**

Due to identified deficiencies in the capacity of the existing storm drainage system along Highway 99W which serves as one of the main drainage systems for Basin 2 (See the 2006 Master Plan) and due to opportunities to improve this drainage system during new development in the area, an amendment to the 2006 Storm Drainage Master Plan (SDMP) is being proposed.

#### Background

The 2006 SDMP identified deficiencies within the storm drainage system along Highway 99W and proposed improvements to the system by increasing the size of the pipes along the highway and diverting flows to the southeast along 8th and 10th Streets. The diverted water would eventually be discharge to the drainage ravine across Parks Drive at Elm Street. At this time, none of these proposed improvements to the existing deficient system have been performed. However, site development improvements at 12th and Maple Winery provided an opportunity to oversize a proposed drainage pipe serving the site improvements that could be connected to the Highway 99W storm system to divert flows and improve capacity.

#### Proposed Amendment

The proposed amendment consists of the addition of the storm drainage system (pipe) along the westerly side of the railroad right of way that starts just south of the new fire station and drains to the south across Parks where it discharges into an existing drainage extending to the south. The pipe will be located within easements on the private properties adjoining the west side of the railroad. Water will be diverted from the existing deficient storm system along Hwy 99W to the proposed pipe along the railroad at three locations. See the attached Plans.

Calculations for the future flows to evaluate and size the proposed change to the master plan was prepared by Kennedy Jenks. See the attached Recommended Improvements Update and associated Figure 1 plan illustrating the improvements. The calculations used the requirements of the updated City Design Standards to size the pipes for the 25 year event using the SBUH method of flow calculation.

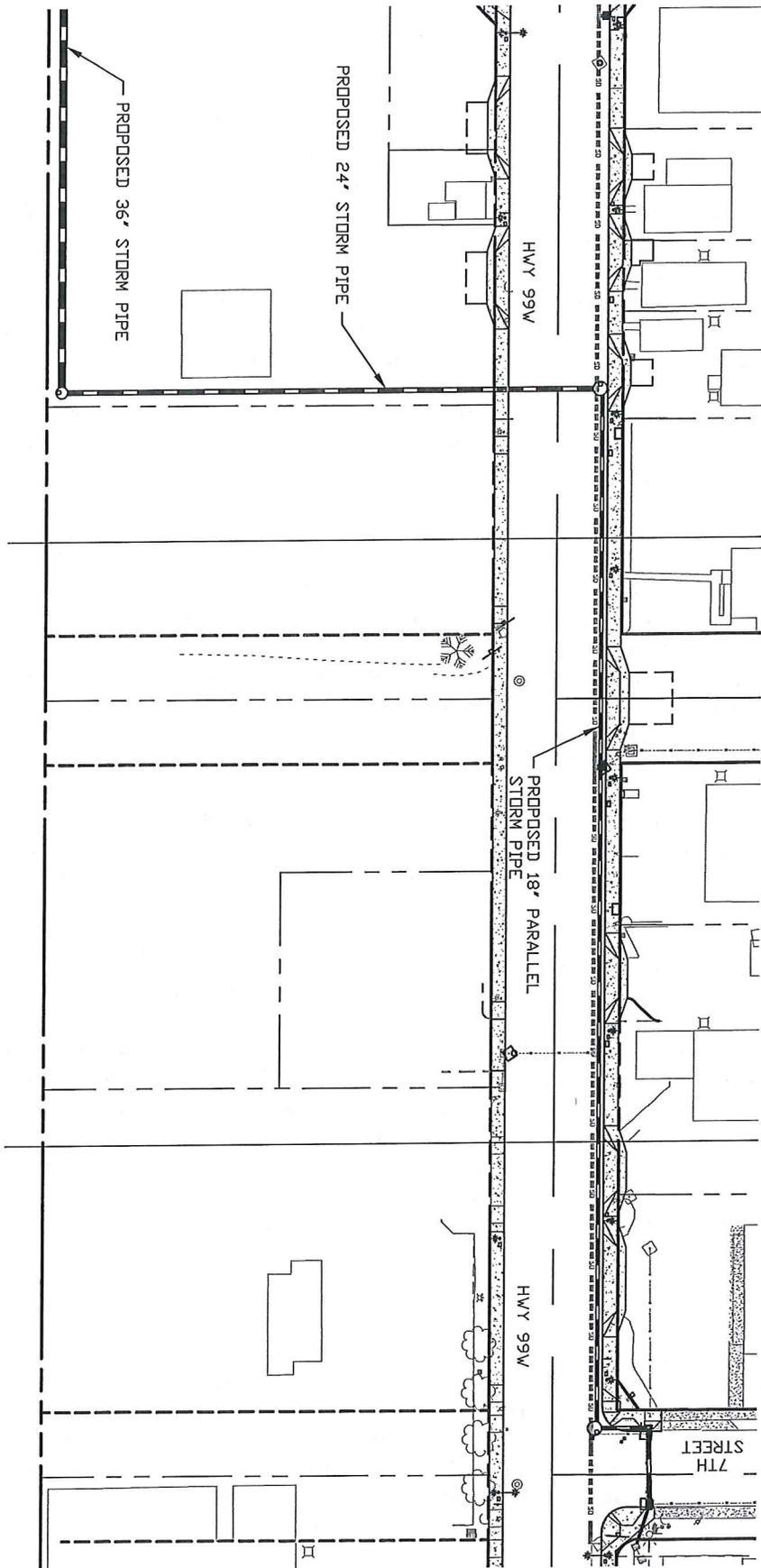
**7th to 8th Street Diversion:** The first diversion is shown on the attached Plan 1. It includes the addition of a parallel pipe next to the existing pipe in the Hwy that will extend from 7th Street past the vacated 8th Street right of way to just past the new fire station where a new pipe will be extended across the highway and across private property to the pipe along the railroad. An easement for the pipe will be need to be acquired from the land owner during redevelopment and/or through negotiations. This extension will relieve the capacity issues resulting from the flows that enter the Hwy system at 7th Street that currently drains all the way to the highway crossing and ditch at 10th Street. The pipe sizing calculations for this pipe system is attached and indicates that the proposed flows would require the existing pipe along the highway to be replaced with a 21" diameter pipe. In order to reduce costs and to keep the existing drainage system active until the necessary right of way can be obtained to construct the pipes to and along the railroad, the required flow capacity of the calculated 21" pipe is being achieved by leaving the existing 12" pipe along the highway in place and adding a second parallel pipe next to the existing pipe. See Plan 1.

**10th Street Diversion:** The second location where water will be diverted to the new pipe along the highway is at 10th Street. Currently, the flow from the pipe along the highway is diverted across the highway to a ditch along the south side of 10th Street (across from Lumpy's). The ditch then flows under the railroad, through a partially piped system and into the ravine/drainage that flows under Parks Drive and to the drainage flowing south across from Elm Street. The ditch along 10th Street currently has very little fall (elevation change) from the pipe outlet at the Highway to the culvert beneath the railroad which results in reduced flow capacity and sedimentation build-up that further reduces the flow capacity. Although the recent 10th Street Improvements increased the pipe sizes at 10th Street in order to accommodate the proposed amendment and associated flows, the improvements did not change the amount of flow entering the system or the discharge locations. By extending a new pipe along 10th Street and connecting to the proposed pipe along the railroad as shown on Plan 2, the dysfunctional ditch will be eliminated and the proposed improvements identified to the southeast of the railroad tracks in the 2006 SDMP that were needed to accommodate the flows from 10th Street may be reduced.

**11th Street Diversion:** The third location where flows are proposed to be diverted from the highway system is at 11th Street. Currently the 11th Street storm system is dysfunctional. This intersection historically discharged to the south through the existing pipe along the highway. However, past developments resulted in this pipe being mistakenly sealed which caused the discharge to back up and flow back to 10th Street where it flowed to the dysfunctional ditch. During the 10th Street Improvements, it was discovered that the pipe along the highway between 10th and 11th Street has been filled with sediment and no longer allows discharge from 11th Street which explains the flooding issues in this area. The proposed amendment will extend a new pipe down the 11th Street right of way to the proposed pipe along the railroad. This will resolve the drainage issues at 11th Street and further relieve the over capacity highway system.

#### Recommendation

Staff would like to recommend that the City adopt the proposed amendment to the 2006 Storm Drainage Master Plan. Many of the private properties from which easements will need to be obtained are either vacant or appear to be likely to redevelop which will assist in the acquisition of the needed easements. Currently, the end segment of the pipe along the railroad from 12th Street to the discharge across Parks has been constructed and oversized upon City request by 12th and Maple Winery to accommodate the proposed amendment and an easement for the pipe is being negotiated as part of the development that has occurred at the site.

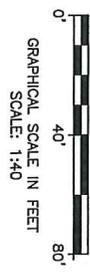
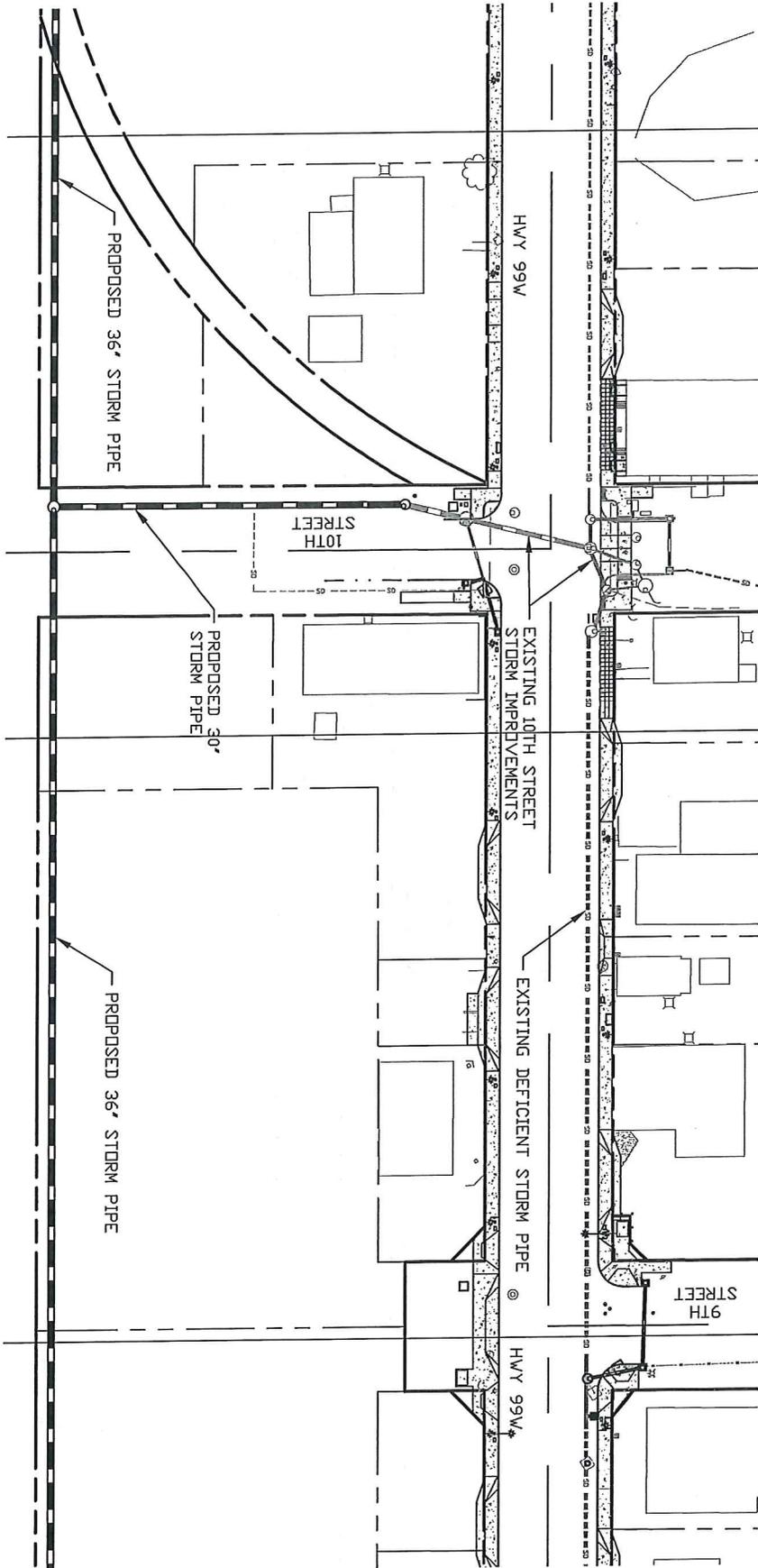


CITY OF DUNDEE  
DESIGN SERVICES  
100 Main Street  
Dundee, OR 97115  
PH: (503) 325-8322  
FAX: (503) 325-8328



CONSULTANT:

PROJECT NUMBER: N/A  
CITY OF DUNDEE  
STORMWATER MASTER PLAN  
AMENDMENT  
DUNDEE, OR 97115  
REVISION:  
DRAWN BY: GSR  
ISSUE DATE: 4/28/2016  
FILE NAME: Dundee Storm along RR.dwg  
SHEET:  
PLAN 1



CITY OF DUNDEE  
 200 W. 30th Street  
 P.O. Box 230  
 Dundee, OR 97115  
 Tel: (503) 526-7200  
 Fax: (503) 526-7200



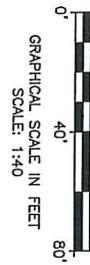
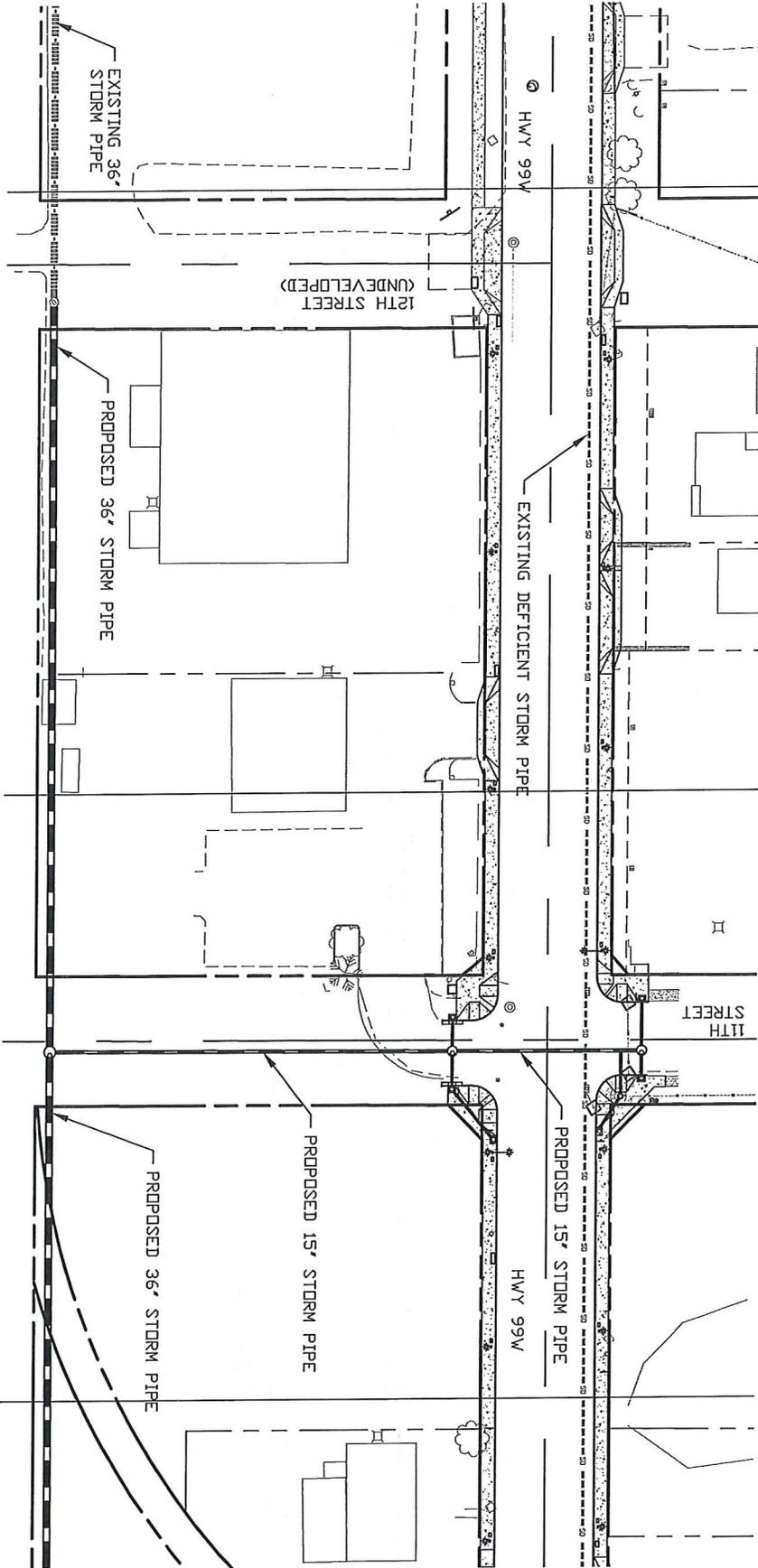
CONSULTANT:

- 59 -

PROJECT NUMBER: N/A  
 CITY OF DUNDEE  
 STORMWATER MASTER PLAN  
 AMENDMENT  
 DUNDEE OR 97115  
 REVISION:

DRAWN BY: GSR  
 ISSUE DATE: 4/28/2016  
 FILE NAME: Dundee Storm along RR.dwg

SHEET:  
 PLAN 2



CITY OF DUNDEE  
 201 W. 3rd Street  
 Dundee, OR 97115  
 Phone: 503.253.7500



CONSULTANT:

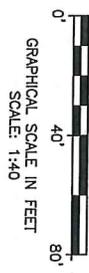
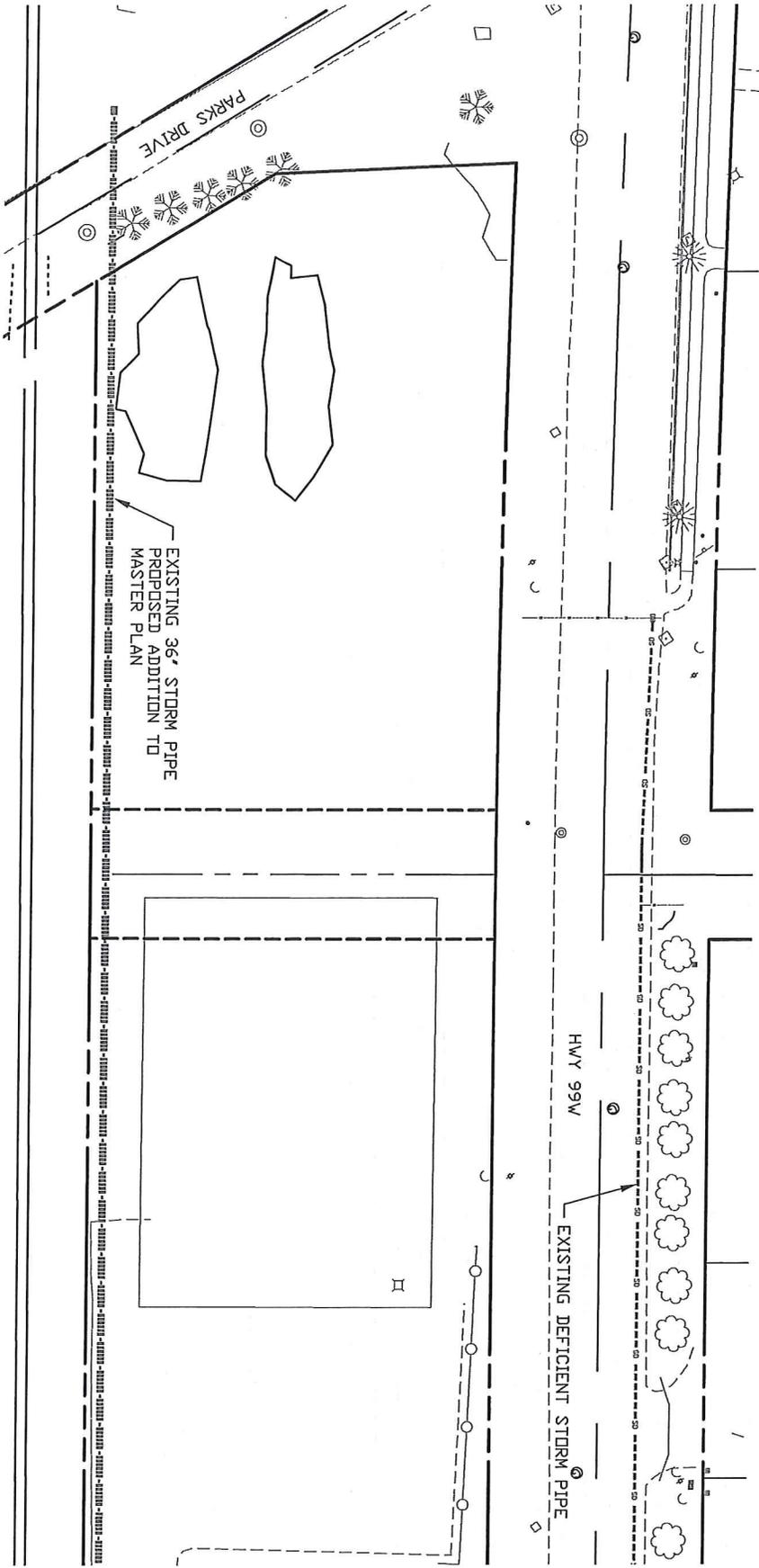
-60-

PROJECT NUMBER: N/A  
 CITY OF DUNDEE  
 STORMWATER MASTER PLAN  
 AMENDMENT  
 DUNDEE, OR 97115

REVISION:

DRAWN BY: GSR  
 ISSUE DATE: 4/28/2016  
 FILE NAME: Dundee Storm along RR.dwg

SHEET:  
 PLAN 3



**CITY OF DUNDEE**  
*Oregon*

200 SW 2nd Street  
 Dundee, OR 97115

Phone: 503.922.2022  
 Fax: 503.922.1975

CONSULTANT:

191

PROJECT NUMBER: N/A  
 CITY OF DUNDEE  
 STORMWATER MASTER PLAN  
 AMENDMENT  
 DUNDEE, OR 97115

DRAWN BY: GSR  
 ISSUE DATE: 4/28/2016  
 FILE NAME: Dundee Storm along RR.dwg

SHEET:  
 PLAN 4

CITY OF DUNDEE - BASIN 1 & 2 EVALUATION

25-YEAR STORM; IMPROVEMENT CONDITIONS

Option 3

US Node <sup>(1)</sup>	DS Node <sup>(1)</sup>	Status <sup>(2)</sup>	Ex. Pipe Dia	Slope <sup>(12)</sup> ft/ft	Flow, Q (cfs)		Manning's n <sup>(9)</sup>	Prop. Dia. inches	Full Pipe Capacity cfs
					SBUH 2-Yr	SBUH 25-Yr			
2E	2F	New	New	0.036	3.95	9.49	0.013	15	12.30
2F	1A.1	Existing	15	0.059	9.65	20.80	0.013	18	25.67
1A.1	2P	New	New	0.012	10.83	23.48	0.013	24	24.85
2P	2R	New	New	0.011	10.83	23.48	0.013	24	23.79
2E	2D	Existing	12	0.012	0 <sup>(13)</sup>	0 <sup>(13)</sup>	0.013	12	3.93
2D	2Q	Existing	12	0.011	2.93 <sup>(17)</sup>	3.8 <sup>(14)</sup>	0.013	12	3.8
2D	2Q	New Double Barrel	New	0.011	2.93	12.05	0.013	21	16.8
2L	2Q	New	New	0.011	1.84	4.06	0.013	16	8.1
2Q	2G	New	New	0.023	6.61	20.17	0.013	21	24.1
2G	2R	New	New	0.023	6.61	20.17	0.013	21	24.1
2R	2S	New	New	0.002	7.53	22.25	0.013	36	29.9
2L	2C	Existing	12	0.096	3.68	8.12	0.013	12	11.1
2C	2BC	Existing	18	0.096	5.20	11.36	0.013	18	32.6
2BC	2H	Existing	24	0.096	6.72	14.60	0.013	24	70.3
2H	2I	New	New	0.010	8.24	17.84	0.013	36	66.9
2I	OUTFALL2	New	New	0.010	8.24	17.84	0.013	36	66.9
2H	2S	New	New	0.096	1.52	3.24	0.013	8	3.8
2S	2T	New	New	0.010	9.05	25.49	0.013	30	41.1
2T	Outfall3	Existing	Open Channel	0.010	15.03	37.48	0.013	30	41.1
1A.1	1A	Existing	15	0.059	1.43	2.80	0.013	15	15.79
1A	1B	Existing	21	0.014	3.93	8.16	0.013	21	18.46
1B	1C	Existing	30	0.008	6.44	13.52	0.013	30	37.47
1C	1D	Existing	36	0.012	9.17	20.26	0.013	36	71.72
1D	1E	Existing	36	0.012	14.40	32.07	0.013	36	71.72

Notes

- (1) Nodes 2A through 2E and pipes P1 through P6 provided in the Westech Engineering report. Additional nodes and pipes provided by K/J for updated schematic and calculation purposes.
- (2) New = Dundee request for K/J updated design. Existing = currently in place.
- (9) Assume Manning's n = 0.013 for all pipes, per Westech Engineering report, 4.3.2.
- (12) Existing slopes provided by Chuck Eaton. 06/11/14-06/12/14
- (13) Analysis assumes all 5th Street flows are conveyed east into Basin 1; conservative
- (14) Existing pipe flows full during design event
- (16) Calculated slope; to get a 24" pipe under railroad, using 3' of cover over new pipe per Chuck Eaton. Railroad invert is 198.3. Top of pipe is 195.3 and invert is 192.3 - minimum
- (17) Assumes equal flow split at 2 Yr design event

# FIGURE 1



NOTE:  
 THESE MAPS ARE SCHE  
 MAPS ONLY & DO NOT  
 LOCATIONS OF UTILITIES  
 ALL LOCATIONS PRIOR  
 CONSTRUCTION.

