

2013 Capital Improvement Plan



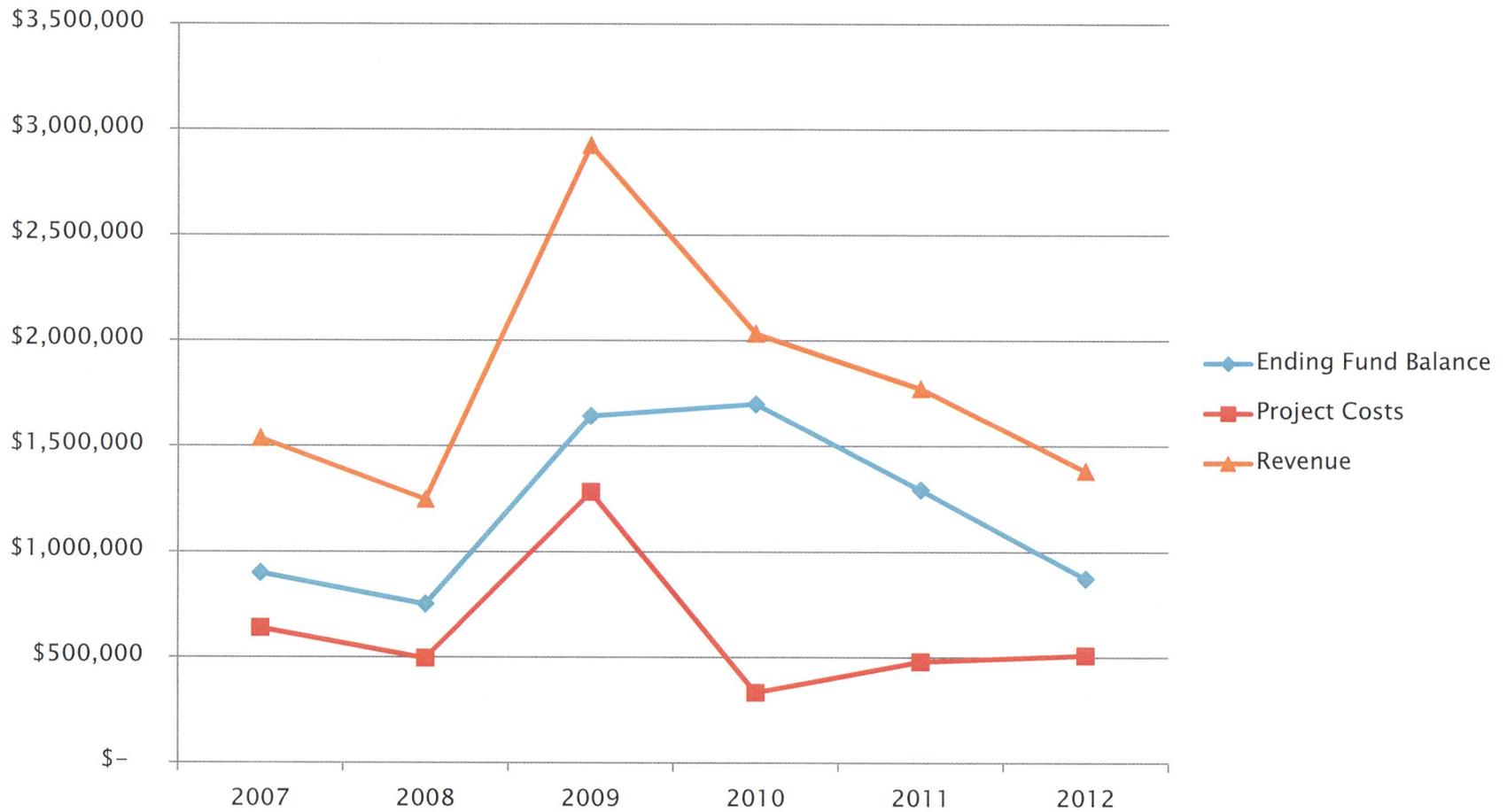
Council Work Session
November 13, 2012

Outline

- ▶ Water Fund
 - Historic Trends (2007–2012)
 - Capital Improvement Plan
- ▶ Wastewater Fund
 - Historic Trends (2007–2012)
 - Capital Improvement Plan
- ▶ Storm Fund
 - Historic Trends (2007–2012)
 - Capital Improvement Plan
- ▶ Light Fund
 - Historic Trends (2007–2012)
 - Capital Improvement Plan
- ▶ Transportation
- ▶ Recap – Ending Fund Balances
- ▶ Summary



Water Fund Trends



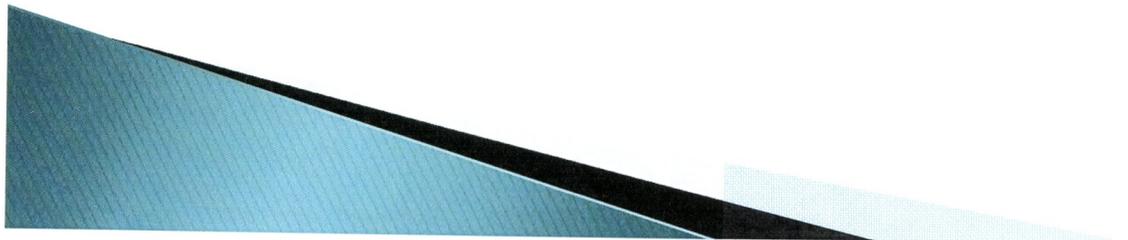
Water Supply Improvements

Project		Amount	Year
Instrumentation - Sustainable Yield, Wells, Pump	II	100,000	2013,2016
New Deep Well Prospecting & Water Rights <i>(Joint w/ BBW&S)</i>	ED/RC	200,000	2017
Disinfection System Improvements	ED/RC	120,000	2013, 2014
Well 5.1 Pump Capacity Upgrade/SCADA/VFD	ED/RC	180,000	2013
Well 8.1 Construct Pumps/Piping/SCADA	ED/RC	200,000	2013



Distribution System Improvements

Project		Amount	Year
Haynie Rd Booster Pump Station	II	350,000	2016
Harvey Rd Transmission & Pressure Upgrade (440-171 Zones)		400,000	2013
Harvey/Sweet Road Transmission Improvements (18")			
Design	RC	100,000	2015
Phase 1 Construction (<i>Grant/Loan Dependent</i>)	RC	2,000,000	2016
Booster Pump Station (630 Zone)(E Blaine) (<i>Development Dependent</i>)	ED	1,500,000	2017
Water Line Replacement (<i>40 miles, 50 yr life, \$50/ft</i>) w/ Streets	II	260,000	2014, 2018



Water Storage Improvements

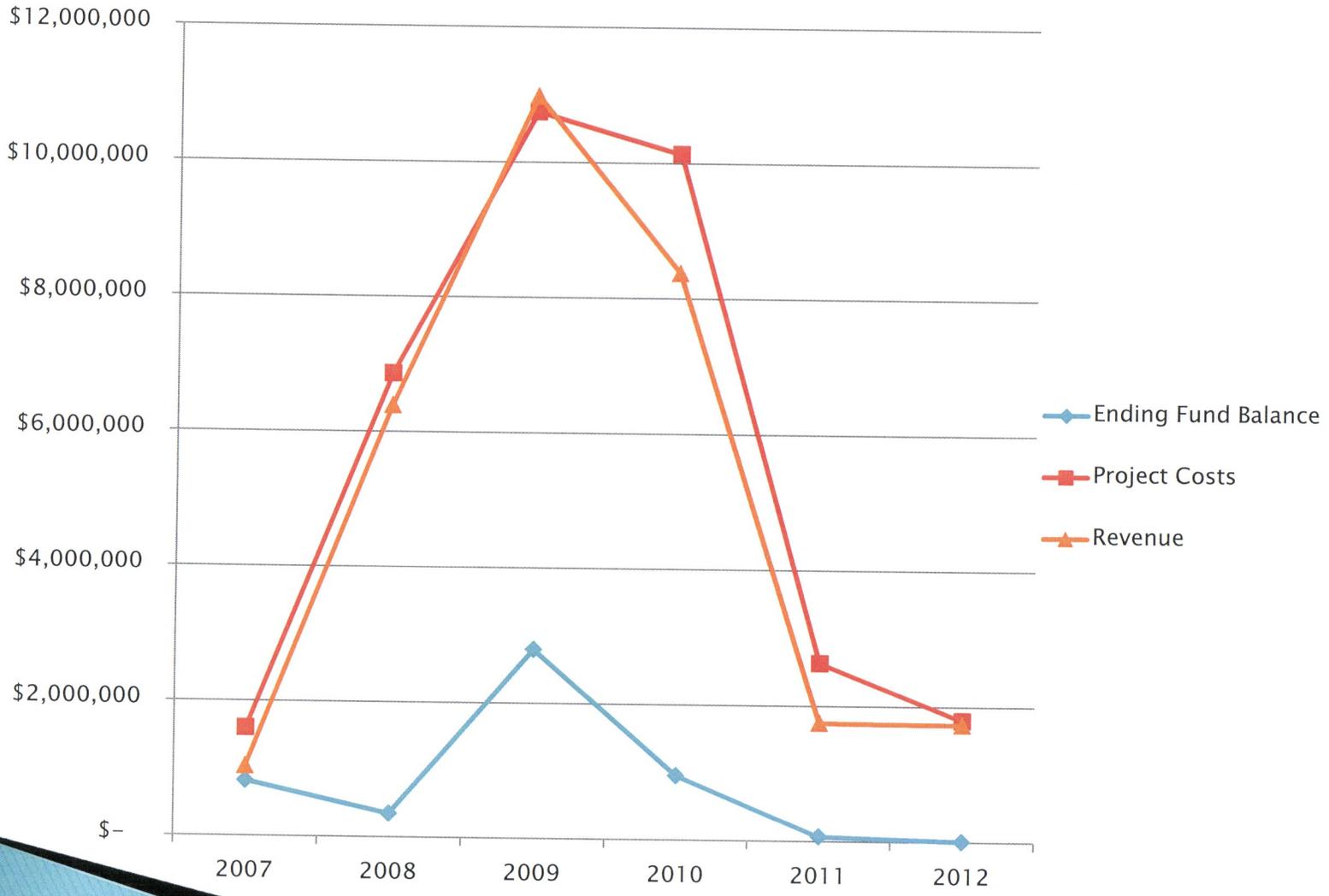
Project		Amount	Year
Water Tank Water Quality Improvements (mixing)	R		
Semiahmoo (330 zone)	R	40,000	2014
Harvey Rd. (440 zone)	R	40,000	2015
New Storage Tank (171' system)	II	400,000	2016



Water System Funding

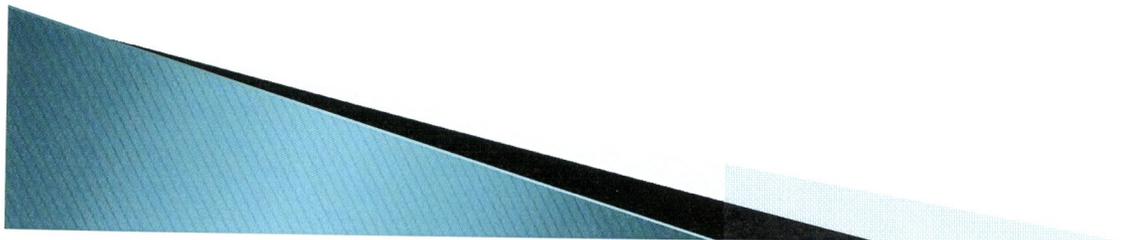
Beginning Fund Balance (329)	927,090
Water Capital Reserve & Water Regional Capacity Charge Transfer In	1,644,455
Transmission Improvements Grant/Loan (TBD)	1,700,000
Revenue Bond	
Birch Bay Water & Sewer District	77,000
Developer Contributions or ULID - Pump Station (E Blaine)	1,500,000
Developer Contributions or ULID - Storage (E Blaine)	
SUMMARY:	
Project Costs	5,860,000
Funding Sources	5,748,545
Balance	242,045

Wastewater Fund Trends



Wastewater Conveyance

Project		Amount	Year
Semiahmoo Wastewater Conveyance <i>Phase III</i>			
Design Services			
Construction & Const Management		200,000	2013
Vista Terrace ULID		700,000	2013
Pipe Replacement/Lining for I&I Removal (w/ Street Proj)		93,648	2015-2017
Lift Station #5 Emergency Generator			
Southeast Blaine "Boblett" UGA Sewer Extensions			

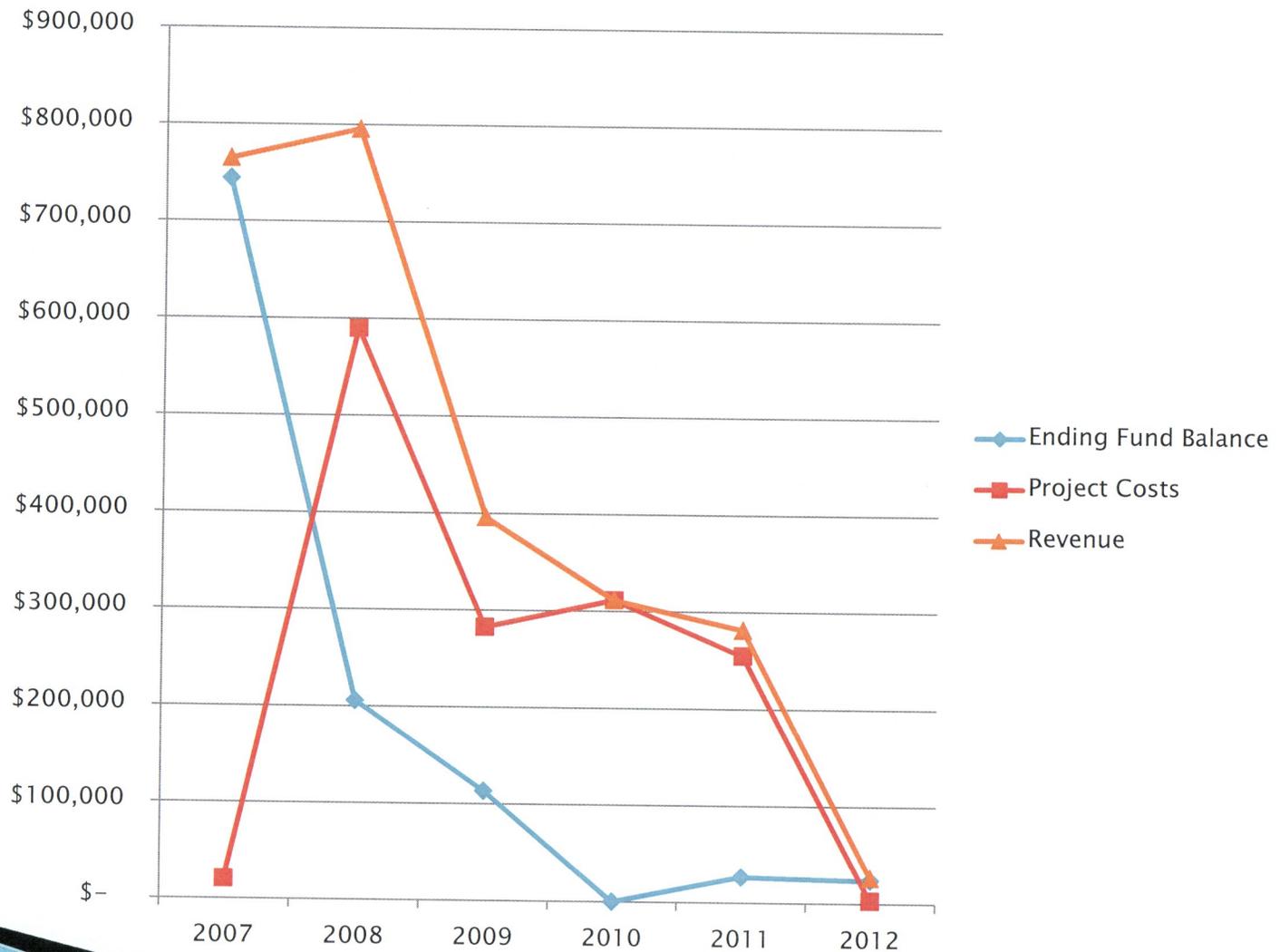


Wastewater System Funding

Beginning Fund Balance (325)	103,100
WW Operations (420)	-
Rural Development Grant (Phase III)	180,000
Vista Terrace ULID Bond or PWTF Loan	700,000
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Summary	
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Project Costs	993,648
Funding Sources	983,100
Balance	(10,548)



Storm Water Fund Trends



Storm Water Projects

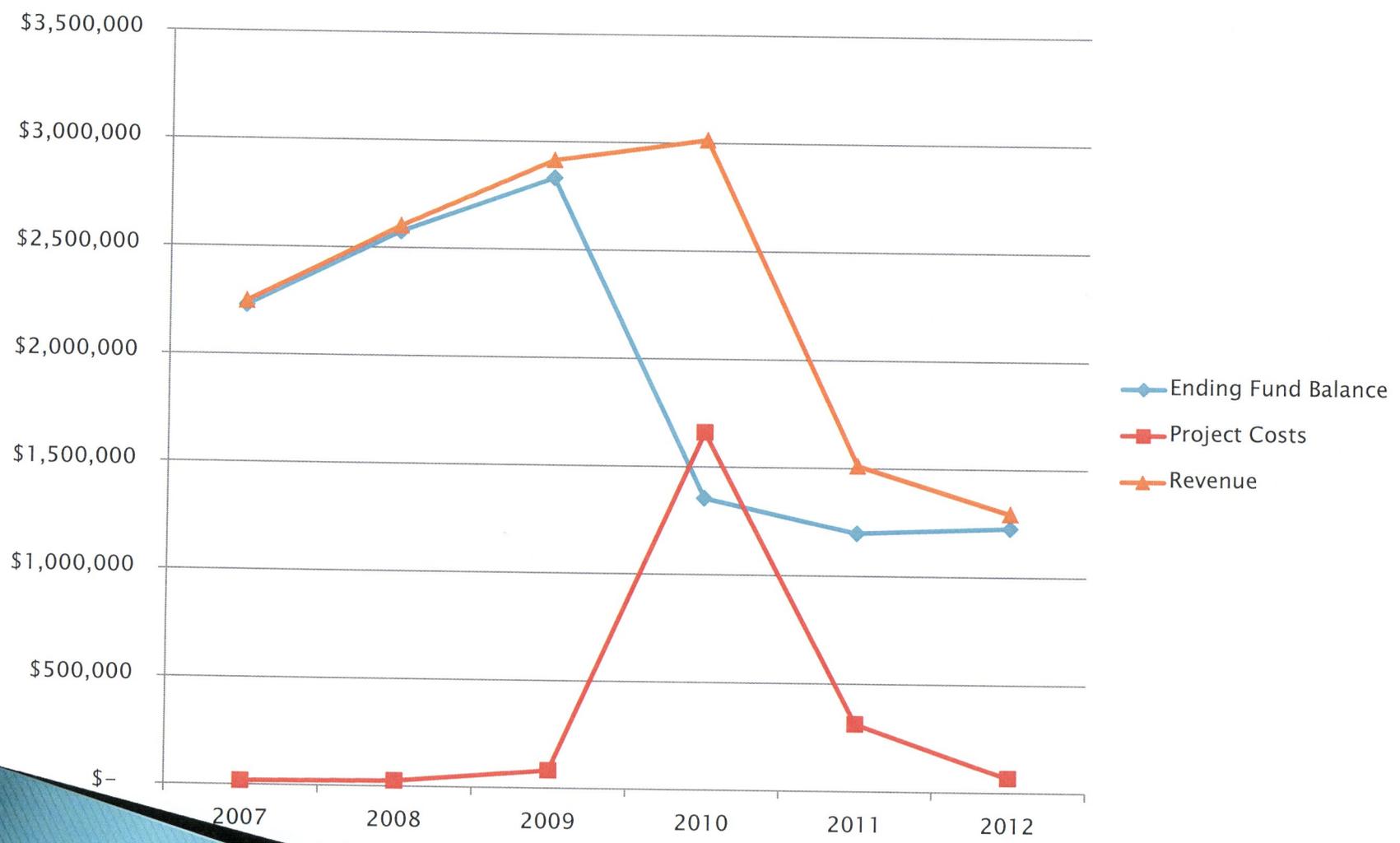
Project		Amount	Year
Gateway Regional Detention/Wetlands-- Design			
Gateway Regional Detention/Wetlands-- ULID		1,520,000	2013-2014
Drayton Harbor Road Stormwater Improvements		200,000	2015
Boblett Sidewalk Ext Companion to Street CIP			
Downtown/Wharf District Water Quality Regional Detention/Water Quality Enhancements		750,000	2014



Storm Water Funding

Beginning Fund Balance (328)	60,183
Grants	
EDC Grant/Loan for Gateway Facility	
Wharf District Water Quality/Wetland Restore	
Port of Bellingham Small Cities Grant	3,000
Developer Contributions	
Stormwater Operating & Reserve Funds Transfer	50,000
SUMMARY:	
Project Costs	2,470,000
Funding Sources	113,183
Balance	(2,356,817)

Light Fund Trends



Light Fund Projects

Project	Amount	Year
Distribution Feeder from Sub to Lincoln (completed in 2011 but not paid)	600,000	2013
Semiahmoo Feeder Project	400,000	2014
Street Lighting Conservation Projects (Matching Grant)		
Street Lighting Improvements	250,000	2014-2018
East Blaine Service Area Expansion*		
Harvey Rd Transmission & Pressure Upgrade (440-171 Zones)	130,000	2013
Loomis Trail Service Loop	150,000	2015
Other Service Area Expansions (UGA)		

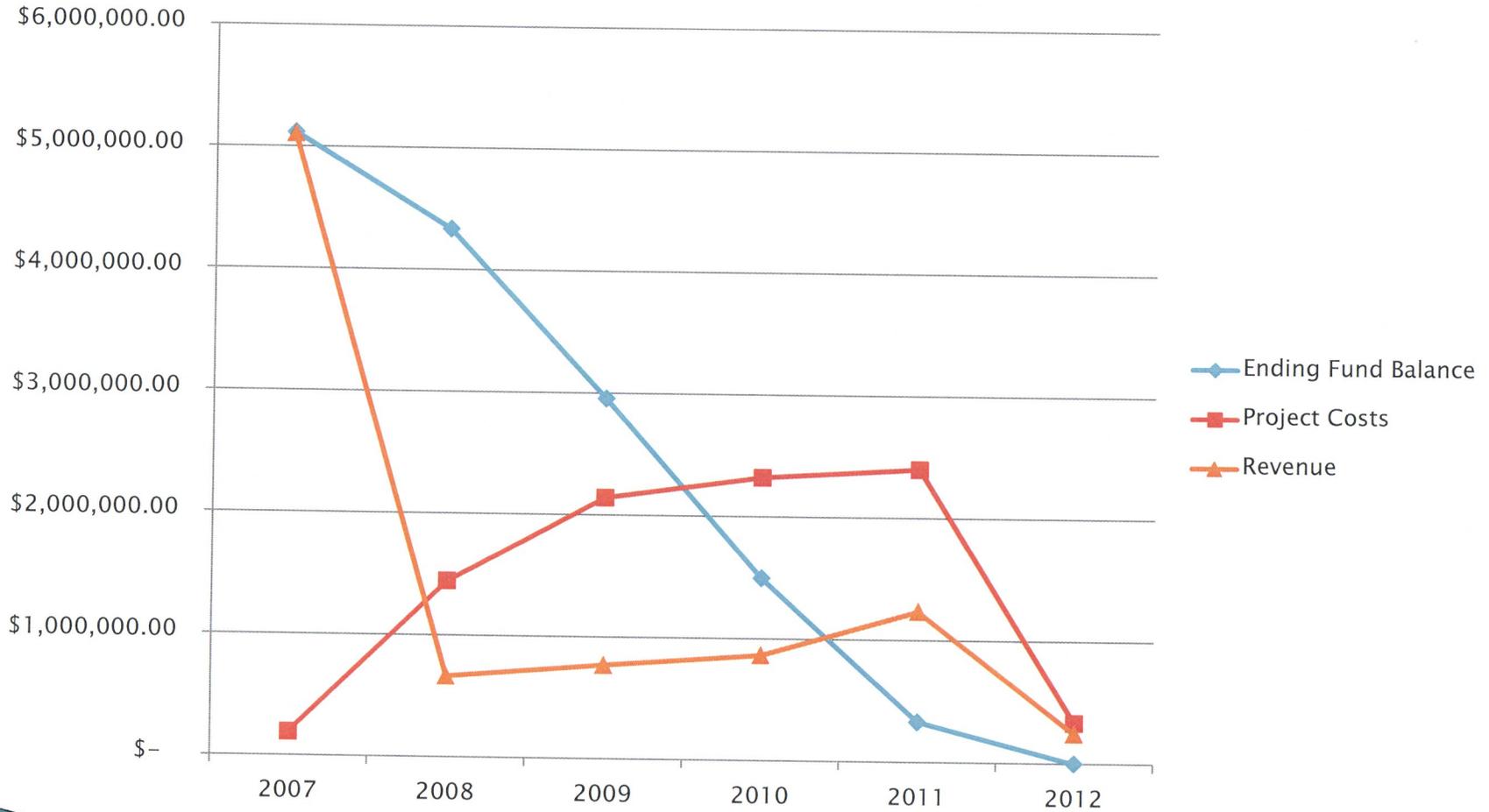


Light Project Funding

Beginning Fund Balance (324)	1,525,120
Grants	
Electric Capital Reserve Funds Transfer	500,000
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SUMMARY:	
Project Costs	1,590,00
Funding Sources	2,025,120
Balance	435,120

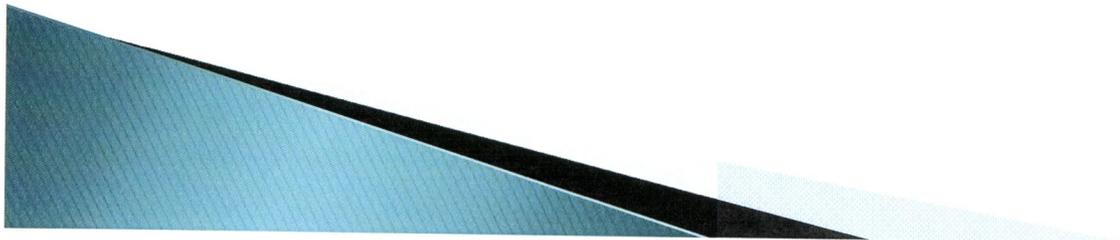


Transportation Funding Trends



Transportation – Planned Projects

Project	Amount
I-5 Exit 274 Interchange/Environmental Review & PS&E	3,700,000
Boblett/SR 543 Signalization & Pedestrian Safety	1,337,000
H Street Sidewalk Gap Elimination (SR543 to Grant Ave)	65,000
Mitchell Ave Reconstruction (Cherry to Boblett)	505,000
Hughes Ave/Peace Portal Intersection Realignment*	390,000
Hughes Avenue Reconstruction* - <i>Peace Portal to Odell</i>	2,200,000
E Street Reconstruction <i>6th to 12th</i>	1,085,000
D Street /16th Interection Realignment	160,000
Marine Drive - Phase 3 - <i>Lighthouse Park to Pier</i>	2,200,000



Transportation – Continued

Project	Amount
H Street Pedestrian Overpass - H Street & SR 543	2,150,000
Peace Portal Drive Sidewalk Gap Elimination	130,000
H Street Reconstruction Phase 2* - <i>Terrace to North Harvey</i>	2,700,000
D Street Reconstruction (SR543 to 16th)	1,310,000
East Blaine Parkway (D/E St) Realignment*	1,000,000
Yew Avenue Repairs & Overlay - <i>Hughes to Boblett</i>	470,000
Hughes Avenue Reconstruction* - Peace Portal to Montfort	1,400,000
Bayview Avenue Reconstruction	750,000



Transportation – Funding

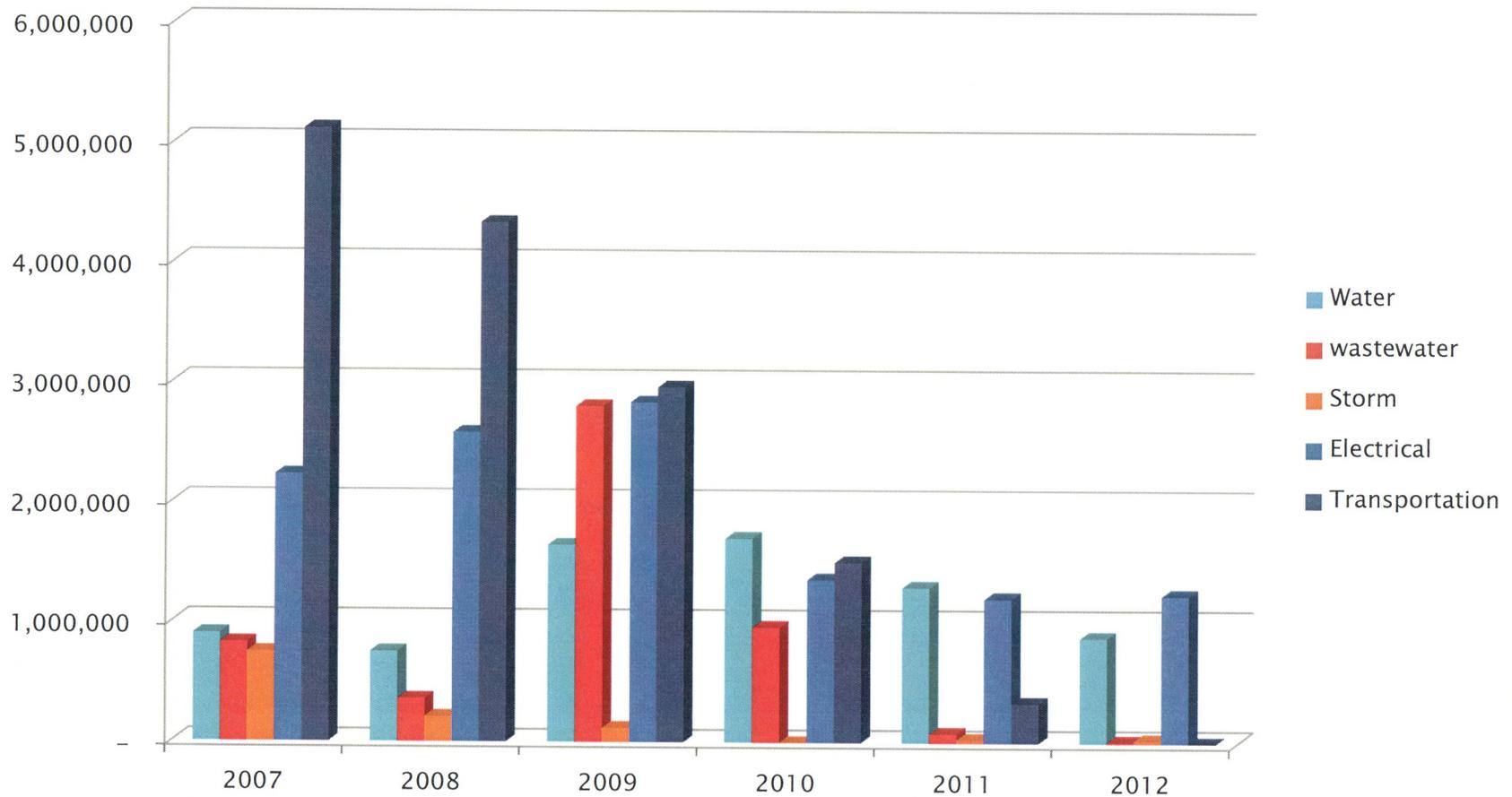
Beginning Fund Balance (333)	0
Property Tax Levy (equals debt payment monies-333 & 332)	3,317,675
Street Reimbursement from Airport Sale	477,000
Developer Contribution or LID	1,500,000
Federal Sources	781,750
State Sources	1,130,770

SUMMARY:

Project Costs	26,315,675
Funding Sources	7,524,195
Balance	(18,791,480)



Recap – Ending Fund Balances



Summary

- ▶ Revenue trends are down in all funds
- ▶ Re-implementation of GFFs timely
- ▶ Other sources of revenue needed
 - Light fund – Rate study, Surcharge, GFFs possible?
 - Street fund – evaluate TIFs, TBD
- ▶ 2013 construction will be light
- ▶ Comprehensive plans need to be updated
- ▶ Input appreciated



Questions?

