

# Community Development Department



Tom Dolan  
Mayor

Byron Jorgenson  
Chief Administrative Officer

Michael G. Coulam  
Director

## MEMORANDUM

November 3, 2016

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**To:** City Council  
**From:** Community Development Department  
**Subject:** Discussion on Fiscal Year 2016-2017 CDBG Annual Action Plan Changes

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### BACKGROUND

The City received \$365,545 from the Department of Housing and Urban Development's (HUD) Community Development Block Grant (CDBG) program for fiscal year 2016-2017 based on our approved Annual Action Plan that was submitted on May 15, 2016. On April 12, 2016 the City Council approved the CDBG budget for the FY 16-17 (see attached) and approved the Annual Action Plan on May 3, 2016. We received HUD approval of this plan July 26, 2016.

The City had received a request from our Public Works Department for funds to help complete a road reconstruction project of 8680 South. This would complete the last phase of this road reconstruction project. This application was for 2 years of funding from CDBG and to be built during the summer of 2017 spanning the 2 fiscal years. In the approved CDBG budget we allocated \$203,876 toward the first year of the project. It was anticipated that at least the same amount of funds would be directed to this project in the CDBG FY 17-18 budget process. This would amount to a total of at least \$400,000 between the FY 16-17 and FY 17-18 CDBG cycles. These funds would augment General Fund to make up the necessary dollars to complete the project.

Sometime after the final budget had been approved by the Council, it came to the attention of the CDBG Program Administrator that there was a change to the City's FY 16-17 Budget that was in conflict with the previously approved CDBG Budget and Action Plan. The CDBG funds that were previously approved and budgeted for the 8680 South Phase 3 Road Reconstruction project were redirected to a different project in Historic Sandy for Drainage Improvements. However, this change was not in line with the original CDBG approvals. As such, we are unable to move forward with this Drainage Improvement project until we have completed a Substantial Amendment to our Annual Action Plan and it is approved by the Council and HUD.

In essence, our CDBG Budget and City Budget are not aligned. In order to proceed, action needs to be taken to correct this misalignment. There are a few options that the Council needs to consider. Staff is seeking direction and preference from the Council on how to proceed based on timing and process constraints.

**Option #1 – Proceed with a Substantial Amendment to the Annual Action Plan**

The process to complete a Substantial Amendment is the same as preparing, reviewing, and submitting the regular Annual Action Plan. This process takes at least 2 to 3 months. It entails drafting a revised plan to reflect this proposed change, publishing the document for a 30-day public comment and review period and holding a public hearing with the City Council for a public hearing and action on the plan. Then we can submit this plan to HUD for their review and approval. It can take at least a month until that is reviewed and approved. Once approved we can then begin work on the project. While drafting this document, we can begin the environmental review process for it. That way, upon receiving approval from HUD, we can begin site construction. If we proceed with this option, it is likely we could have approvals from HUD sometime in March.

**Option #2 – Change the City Budget to Align with CDBG Annual Action Plan**

The process to change the City Budget is much simpler and faster than the process to seek approval from HUD. It requires a 7-day notice and public hearing in order to make the change. While simpler, it means that the project that the Council voted to replace would be constructed rather than the Drainage Improvements. Because the 8680 South Reconstruction Project is already approved through HUD, it is the project that can begin most quickly and without major delays. If this option is selected, we can begin the environmental review now, and start construction as soon as weather permits. The Drainage Improvements project could be delayed until the budget cycle for FY 17-18 or FY 18-19.

**Option #3 – Delay the project until FY 17-18 and carryover the Funds**

Projects are not always completed in the timeframes proposed. We have the option to not start the project as planned this fiscal year, and delay construction until FY 17-18. In essence we would carry-over the funds to begin the Drainage Improvements after July 1, 2017. Because the process to create a Substantial Amendment takes the same process as preparing a new Annual Action Plan, it would save a lot of staff time and process to complete the same objective. The Annual Action Plan for FY 17-18 would anticipate carrying-over these funds and changing the project to complete the Drainage Improvements proposed. It would mean delaying the start of this project about 4 months, but would consolidate two Annual Action Plan review process that each take 3 months to complete into one process.

**STAFF RECOMMENDATION**

Staff recommends that the Council select one of the following actions:

1. Direct Staff to prepare a Substantial Amendment to our FY 16-17 CDBG Annual Action Plan to allow for the Historic Sandy Drainage Improvements and align with the Approved City Budget for FY 16-17.

2. Direct Staff to revert back to the original approved Public Works Project for Phase 3 Reconstruction of 8680 South as was approved in the FY 16-17 CDBG Annual Action Plan and reopen the City's Budget to align with the approved FY 16-17 CDBG Annual Action Plan.
3. Direct Staff to delay the proposed project until FY 17-18 and have the change proceed through the typical FY 17-18 CDBG Budget and Annual Action Plan Process.

Planner:



Mike Wilcox  
Long Range Planning Manager  
CDBG Program Administrator

Reviewed By:



Michael G. Coulam  
Community Development Director

6. [16-173](#) Community Development Department recommending the City Council approve the proposed budget for the Community Development Block Grant (CDBG) for Fiscal Year 2016-2017 as presented.

**Attachments:** [Staff Report 16-17 Budget](#)  
[CDBG Action Plan](#)  
[2016-17 Proposed Budget](#)  
[CDBG Presentation](#)

Mike Wilcox presented the staff report to the Council.  
Barbara Stallone, Family Support Services, addressed the Council.  
Amy Dorsey, South Valley Services, addressed the Council.  
Roger Borgenicht, Assist Director, addressed the Council.  
Celeste Eggert, Director of the Road Home, addressed the Council.  
Paul , representing Big Brothers Big Sisters, addressed the Council.  
Pam Bodie, representing the YWCA, addressed the Council.  
Calie Mower, Odyssey House, addressed the Council.  
Pam , People Helping People, addressed the Council.  
Stuart Roust addressed the Council.

**A motion was made by Steve Fairbanks, seconded by Linda Martinez Saville, to approve the Community Development Block Grant (CDBG) for Fiscal Year 2016-2017 budget and extend the public hearing to the May 3, 2016 Council meeting to complete review of the CDBG Annual Action Plan. The motion carried by the following vote:**

**Yes:** 7 - Scott Cowdell  
Maren Barker  
Kristin Coleman-Nicholl  
Chris McCandless  
Steve Fairbanks  
Linda Martinez Saville  
Stephen P. Smith

## Council Items

9. [16-175](#) The City Council will hear a status update on the new Sandy City website.

**Attachments:** [New Website Progress Presentation](#)

Nicole Martin and Chad Manookin addressed the Council and gave an update on the new Sandy City website.

Completion of reports and other items not held in the Work Session.

Chris McCandless spoke about the Milestone Home Open House. A plaque was given to the City.

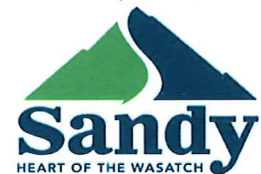
Steve Fairbanks addressed the Council regarding the Association of Municipal Councils (AMC).



# FY 2016-2017 CDBG Approved Budget

Funding Sources	Funding Request	Requested Grand Total	Recommended Funding	Recommended Grand Total
2016-2017 CDBG Entitlement	\$365,545.00			
Unprogramed Funds (completed or terminated) projects	\$0.00			
<b>Total Available Funds</b>		<b>\$365,545.00</b>		
<b>Administration</b>	<b>(20% CAP of Grant Amount)</b>			
Planning & Capacity Non-Salary	\$7,022.00		\$7,021.00	
Planning & Capacity Building	\$6,752.00		\$6,752.00	
Administration	\$33,065.00		\$33,065.00	
<b>Subtotal</b>		<b>\$46,839.00</b>		<b>\$46,838.00</b>
<b>Housing Rehabilitation/Economic Development/Infrastructure Improvements</b>				
Odyssey House - Facility Improvements - HVAC Update	\$5,030.00		\$0.00	
Road Home - Facility Improvements - Transitional Housing Maintenance	\$5,000.00		\$0.00	
Project Reality - Facility Improvements - Video Surveillance System	\$18,000.00		\$0.00	
ASSIST - Housing - Emergency Home Repair & Accessibility Design Assistance	\$50,000.00		\$50,000.00	
NeighborWorks - Housing - Rebuild, Rehab, & Revitalize	\$236,000.00	(withdrawn)	\$0.00	
SL CAP - Housing - Weatherization	\$10,000.00		\$10,000.00	
Sandy City Public Works - Road Construction - 8680 South - Phase 3	\$356,000.00		\$203,876.00	
<b>Subtotal</b>		<b>\$680,030.00</b>		<b>\$263,876.00</b>
<b>Public Service Activities</b>				
		<b>(15% CAP of Grant Amount)</b>		
Sandy Counseling Centers (VISIONS) - Community Treatment Programs	\$10,000.00		\$0.00	
Big Brothers Big Sisters of Utah - Community-Based Youth Mentoring Program	\$3,000.00		\$2,000.00	
Family Support Center - Crisis Nursery and Counseling	\$5,000.00		\$4,000.00	
YWCA - Domestic Abuse Shelter and Services - Women in Jeopardy Program	\$5,000.00		\$4,000.00	
South Valley Services - Domestic Violence Victim and Advocacy Services	\$12,000.00		\$8,831.00	
Legal Aid Society of Salt Lake - Domestic Violence Victim Assistance Program	\$10,000.00		\$7,000.00	
People Helping People - Employment Program for Single Women	\$5,000.00		\$0.00	
Road Home - Homeless Shelter Operations	\$12,000.00		\$9,000.00	
Catholic Community Services of Utah - Homeless Services	\$10,000.00		\$7,000.00	
Eye Care 4 Kids - Purchase of Eyewear for Youth - Catch the Vision	\$15,000.00		\$0.00	
SL CAP - South County Food Pantry	\$6,000.00		\$6,000.00	
Valley Behavioral Health - Student Based Mental Health Services	\$25,000.00		\$0.00	
Road Home - Transitional Housing Operations	\$8,500.00		\$7,000.00	
<b>Subtotal</b>		<b>\$126,500.00</b>		<b>\$54,831.00</b>
<b>GRAND TOTAL</b>		<b>\$853,369.00</b>		<b>\$365,545.00</b>
<b>Notes:</b>				
Public Services is limited to 15% of the new portion of grant, or	\$54,831.75			
Administration is limited to 20% of the new portion of grant, or	\$73,109.00			

Budget approved by the City Council on April 12, 2016



**Significant Budget Issues**

**Fund 23 - CDBG Operations**

No significant budget issues

**Budget Information**

<b>Department 54</b>	<b>2013 Actual</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Estimated</b>	<b>2017 Approved</b>
<b>Financing Sources:</b>					
313101 CD Block Grant	\$ 383,841	\$ 389,928	\$ 381,598	\$ 390,652	\$ 365,545
<b>Total Financing Sources</b>	<b>\$ 383,841</b>	<b>\$ 389,928</b>	<b>\$ 381,598</b>	<b>\$ 390,652</b>	<b>\$ 365,545</b>
<b>Financing Uses:</b>					
4100 Administration	\$ 67,222	\$ 58,859	\$ 50,105	\$ 55,531	\$ 46,838
412470 Special Programs					
23002 Emergency Home Repair	37,744	48,429	-	-	-
23005 The Road Home	14,500	12,000	20,000	9,500	9,000
23008 Legal Aid Society of S. L.	10,150	10,000	8,000	8,000	7,000
23010 South County Food Pantry	3,000	3,000	6,000	4,061	6,000
23013 South Valley Sanctuary	9,998	10,000	10,000	12,000	8,831
23014 Comprehensive Housing	-	1,500	-	-	-
23037 YWCA Women's Shelter	4,000	3,000	5,000	4,000	4,000
23038 Family Support Center	4,390	4,375	6,110	7,000	4,000
23042 VISIONS	2,681	8,339	2,400	-	-
23044 Transitional Housing Support	-	-	-	6,500	7,000
23046 Community Health Center	1,600	-	-	-	-
23047 Transitional Housing Maint.	2,650	350	3,000	-	-
23051 Big Brothers Big Sisters	1,167	2,500	2,000	2,000	2,000
23052 Housing Outreach	4,000	1,500	-	2,000	-
23057 ADA Improvements	-	1,360	-	-	-
23058 Handyman Services	-	1,606	1,370	7,024	-
23060 CCS - Homeless Services	-	-	-	-	7,000
4370 Capital Outlays					
23002 Emergency Home Repair	-	-	23,177	35,806	50,000
23005 The Road Home (maintenance)	-	-	3,000	-	-
23013 South Valley Sanctuary	-	-	2,800	-	-
23055 House of Hope	-	-	2,000	-	-
23056 Odessey House	-	-	2,000	2,000	-
23059 TURN Housing Rehabilitation	-	-	4,976	-	-
23061 Housing Weatherization	-	-	-	-	10,000
23062 Hist. Sandy Drainage Imp.	-	-	-	-	203,876
4413104 Transfer to Debt Service	220,739	223,110	229,660	235,230	-
<b>Total Financing Uses</b>	<b>\$ 383,841</b>	<b>\$ 389,928</b>	<b>\$ 381,598</b>	<b>\$ 390,652</b>	<b>\$ 365,545</b>
<b>Excess (Deficiency) of Financing Sources over Financing Uses</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<b>Staffing Information</b>	<b>Bi-weekly Salary</b>		<b>Full-time Equivalent</b>		
	<b>Minimum</b>	<b>Maximum</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Regular:</b>					
Long Range Planning Manager	\$ 2,267.20	\$ 3,378.40	0.39	0.30	0.30
Code Enforcement Technician	\$ 1,183.20	\$ 1,763.20	0.10	0.10	0.10
<b>Total FTEs</b>			<b>0.49</b>	<b>0.40</b>	<b>0.40</b>

**Budget Information (cont.)**

**Engineering**

<b>Capital Budget</b>	<b>2016 Budgeted</b>	<b>2017 Approved</b>	<b>2018 Planned</b>	<b>2019 Planned</b>	<b>2020 Planned</b>
<b>13192 - 8000 S From 700 East to 750 East</b> – This project connected the residential road network near 8000 South to the traffic signal at 700 East.					
41 General Revenue	\$ 296,001	\$ -	\$ -	\$ -	\$ -
<b>13193 - Historic Sandy Drainage Improvements</b> – The funding for this project will be used for various drainage improvements in the historic Sandy area.					
41 General Revenue	\$ 272,139	\$ -	\$ 50,000	\$ 50,000	\$ 50,000
<b>13194 - 9400 South Safe Sidewalk</b> – This project will help provide a safe pedestrian route by adding sections of sidewalk on the south side of Little Cottonwood Canyon Rd from 2495 East to 2760 East.					
41 General Revenue	\$ -	\$ 24,000	\$ -	\$ -	\$ -
<b>13196 - Salt Storage Building</b> – This project funds the design and construction of a larger storage building which meets storm water regulations.					
41 General Revenue	\$ -	\$ 400,000	\$ -	\$ -	\$ -
<b>13197 - 1300 E Pedestrian Bridge (Federal Matching Funds)</b> – These funds are the local match for the construction of a pedestrian bridge over 1300 East at Buttercup Drive.					
45 Grants	\$ 150,000	\$ -	\$ -	\$ -	\$ -
<b>13198 - 9800 S Improvements</b> – This project will widen the road and install improvements along 9800 South from 3100 East to little Cottonwood Canyon Rd.					
41 General Revenue	\$ -	\$ -	\$ 100,000	\$ -	\$ -
<b>13199 - 700 West Improvements</b> – This project will widen the road and install improvements on the east side of the road from the intersection at 9000 South towards the north city boundary.					
41 General Revenue	\$ 143,343	\$ -	\$ -	\$ -	\$ -
46 State Road Funds	86,840	-	-	-	-
Total	\$ 230,183	\$ -	\$ -	\$ -	\$ -
<b>13201 - Crosswalk Beacons</b> – This funds the procurement and installation of rapid flash beacons to be installed at several of the city's crosswalks for pedestrian safety.					
41 General Revenue	\$ 35,606	\$ -	\$ -	\$ -	\$ -
<b>13202 - 11400 S Hawk Signal</b> – This project funded the installation of a signalized pedestrian crossing at 900 East adjacent to the Sandy Canal Trail.					
41 General Revenue	\$ 96,127	\$ -	\$ -	\$ -	\$ -
<b>13203 - 10080 S Realignment and Ext to Monroe</b> – This project realigned 10080 South near Target to the southbound lanes of Centennial Parkway.					
45 Grants	\$ 600,000	\$ -	\$ -	\$ -	\$ -
<b>13204 - Cys Road/Green Way Intersection Improvements</b> – This project funds improvements at this intersection and along the west side of Green Way.					
45 Grants	\$ 150,000	\$ -	\$ -	\$ -	\$ -
<b>13205 - 11000 South Signal</b> – This project will provide dual left turns at 1300 East.					
41 General Revenue	\$ -	\$ 50,000	\$ -	\$ -	\$ -



**Budget Information (cont.)**

**Engineering**

Capital Budget	2016 Budgeted	2017 Approved	2018 Planned	2019 Planned	2020 Planned
<b><u>REPLACEMENT PROJECTS</u></b>					
<b>13821 - Street Reconstruction</b> - This funding is for ongoing maintenance and construction.					
41 General Revenue	\$ 991,687	\$ -	\$ -	\$ -	\$ -
45 Grants	1,621,811	-	-	-	-
46 State Road Funds	1,210,563	2,500,000	2,525,000	2,550,000	2,575,000
Total	\$ 3,824,061	\$ 2,500,000	\$ 2,525,000	\$ 2,550,000	\$ 2,575,000
<b>13822 - Hazardous Concrete Repair</b> - This is an ongoing project to repair hazardous sections of concrete throughout the city.					
41 General Revenue	\$ 397,300	\$ 301,353	\$ 241,000	\$ 245,820	\$ 250,736
45 Grants	358,189	-	-	-	-
46 State Road Funds	-	26,350	600,000	600,000	600,000
Total	\$ 755,489	\$ 327,703	\$ 841,000	\$ 845,820	\$ 850,736
<b>13825 - 1300 East Improvements</b> - These funds were used to complete the installation of LED streetlights on 1300 East from 11050 South to Hidden Valley Drive.					
41 General Revenue	\$ 79,417	\$ -	\$ -	\$ -	\$ -
<b>13827 - 260 East 9000 South</b> - This project will replace poor sections of curb, gutter, and sidewalk as well as complete an overlay of the road surface.					
41 General Revenue	\$ -	\$ -	\$ -	\$ 250,000	\$ -
<b>13828 - Hazardous Tree Replacement</b> - This funds a program to identify and replace those species of trees planted in parkstrips which will eventually cause the sidewalk to lift and become a hazard.					
41 General Revenue	\$ 8,881	\$ -	\$ 10,000	\$ 10,000	\$ 10,000
<b>13841 - 8680 South from State St to 650 E</b> - This funding will be used to reconstruct most of the roadway to include sidewalks, storm drain, and piping of the irrigation ditch. Phases I and II to 450 East are completed, with phase III planned when funding becomes available.					
41 General Revenue	\$ -	\$ -	\$ 712,000	\$ -	\$ -
<b>13846 - Clean/Reseal Parkstrip Stamped Concrete</b> - This project funds the ongoing maintenance of colored stamped concrete located in the city's right-of-way.					
41 General Revenue	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 20,000
<b>13850 - 3100 East Improvements</b> - This grant funding will be used for 3100 E. Improvements.					
45 Grants	\$ 500,000	\$ -	\$ -	\$ -	\$ -
<b><u>MISCELLANEOUS PROJECTS</u></b>					
<b>14044- Bike Route Striping</b> - This funding will be used for bike route striping.					
422 Trail Fees	\$ 5,000	\$ -	\$ -	\$ -	\$ -
<b>19001 - Subdivision Bonds</b> - This project is an ongoing accumulation of subdivision bonds.					
411 Performance Bonds	\$ 232,926	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
<b>19026 - Transportation Master Plan</b> - This funding will be used for traffic modeling and plan development for the Sandy Civic Center area.					
41 General Revenue	\$ 41,326	\$ -	\$ -	\$ -	\$ -
<b>Total Capital Projects</b>	<b>\$ 18,051,018</b>	<b>\$ 3,491,703</b>	<b>\$ 5,411,000</b>	<b>\$10,025,820</b>	<b>\$ 5,885,736</b>



# ENGINEER'S ESTIMATE

## SANDY CITY CORPORATION

Prepared by Raymond Reeves  
June 11, 2016

8800 SOUTH ROADWAY IMPROVEMENTS				
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
Mobilization (15%)	LS	1	\$ 36,927.60	\$36,927.60
Temporary Controls	LS	1	\$ 2,000.00	\$2,000.00
Clearing and Grubbing of Site	LS	1	\$ 2,500.00	\$2,500.00
Traffic control	LS	1	\$ 1,500.00	\$1,500.00
Construction Survey and Materials Testing	LS	1	\$ 1,500.00	\$1,500.00
Dust Control and Watering	1000 gal	4	\$ 26.00	\$104.00
Excavate and Install Standard Concrete Curb & Gutter (6" high back) with UTBC Material	LF	3450	\$ 34.00	\$117,300.00
Park strips and ADA ramps (26)	LS	1	\$ 85,600.00	\$85,600.00
Concrete Driveway Approach & Apron- 6" Thick	SF	3000	\$ 8.00	\$24,000.00
HMA AC-20 Paving (4" Depth-3/4" Aggregate)	Ton	171	\$ 80.00	\$13,680.00
<b>CONSTRUCTION COSTS</b>	Subtotal			\$285,111.60
	20% Contingency			\$57,022.32
	<b>Grand Total</b>			<b>\$342,133.92</b>

60 EAST ROADWAY IMPROVEMENTS				
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
Mobilization (15%)	LS	1	\$ 20,589.60	\$20,589.60
Temporary Controls	LS	1	\$ 2,000.00	\$2,000.00
Clearing and Grubbing of Site	LS	1	\$ 2,500.00	\$2,500.00
Traffic control	LS	1	\$ 1,000.00	\$1,000.00
Construction Survey and Materials Testing	LS	1	\$ 1,000.00	\$1,000.00
Dust Control and Watering	1000 gal	4	\$ 26.00	\$104.00
Excavate and Install Standard Concrete Curb & Gutter (6" high back) with UTBC Material	LF	2060	\$ 34.00	\$70,040.00
Park strips and ADA ramps (12)	LS	1	\$ 45,020.00	\$45,020.00
Concrete Driveway Approach & Apron- 6" Thick	SF	1100	\$ 8.00	\$8,800.00
4' Waterway on North End to outlet into Creek	SF	80	\$ 8.00	\$640.00
HMA AC-20 Paving (4" Depth-3/4" Aggregate)	Ton	102	\$ 80.00	\$8,160.00
<b>CONSTRUCTION COSTS</b>	Subtotal			\$159,853.60
	20% Contingency			\$31,970.72
	<b>Grand Total</b>			<b>\$191,824.32</b>

<b>COMBINED PUBLIC WORKS CONSTRUCTION COSTS</b>	Subtotal			\$444,965.20
	20% Contingency			\$88,993.04
	<b>Grand Total</b>			<b>\$533,958.24</b>

8800 SOUTH IRRIGATION IMPROVEMENTS				
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
12" ADS N-12 SD Pipe with Bedding	LF	3450	\$ 25.00	\$86,250.00
Cast-in-Place Storm Drain/Turn Out Boxes	EA	15	\$ 2,000.00	\$30,000.00
<b>CONSTRUCTION COSTS</b>	Subtotal			\$116,250.00
	20% Contingency			\$23,250.00
	<b>Grand Total</b>			<b>\$139,500.00</b>

60 EAST IRRIGATION IMPROVEMENTS				
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
12" ADS N-12 SD Pipe with Bedding	LF	2060	\$ 25.00	\$51,500.00
Cast-in-Place Storm Drain/Turn Out Boxes	EA	12	\$ 2,000.00	\$24,000.00
<b>CONSTRUCTION COSTS</b>	Subtotal			\$75,500.00
	20% Contingency			\$15,100.00
	<b>Grand Total</b>			<b>\$90,600.00</b>

<b>COMBINED UTILITY CONSTRUCTION COSTS</b>	Subtotal			\$191,750.00
	20% Contingency			\$38,350.00
	<b>Grand Total</b>			<b>\$230,100.00</b>

<b>TOTAL COMBINED CONSTRUCTION COSTS</b>	Public Works			\$533,958.24
	Public Utilities			\$230,100.00
	<b>Grand Total</b>			<b>\$764,058.24</b>

Note:

This estimate is a rough draft only. Only initial lengths and details have been accounted for.

8680 SOUTH PROJECT - PHASE 3				3/2/10
ITEMS	QUANTITY	UNITS	UNIT RATE	AMOUNT
Mobilization (10%)	1	LS	\$ 58,853.32	\$ 58,853
Traffic Control (3%)	1	LS	\$ 17,141.74	\$ 17,142
Excavation	3,578	CY	\$ 10.50	\$ 37,569
Remove asphalt paving	6,570	SY	\$ 3.25	\$ 21,353
Remove curb and gutter	1,244	LF	\$ 4.50	\$ 5,598
Remove sidewalk	7,074	SF	\$ 1.50	\$ 10,611
Remove waterway	324	SF	\$ 2.00	\$ 648
Remove irrigation box	3	EA	\$ 750.00	\$ 2,250
Remove irrigation pipe	445	LF	\$ 4.50	\$ 2,003
Curb and gutter on 6" UTBC	1,692	LF	\$ 14.50	\$ 24,534
5' Sidewalk (4" thick) on 4" UTBC	8,558	SF	\$ 4.50	\$ 38,511
Concrete water way	324	SF	\$ 6.50	\$ 2,106
2' Colored Stamped Concrete	2,171	SF	\$ 9.00	\$ 19,539
Concrete pipe to structure collar	3	EA	\$ 650.00	\$ 1,950
Access ramp	4	EA	\$ 1,800.00	\$ 7,200
Diversion box	13	EA	\$ 1,800.00	\$ 23,400
12" RCP irrigation pipe	283	LF	\$ 38.00	\$ 10,754
12" HDPE pipe	49	LF	\$ 36.00	\$ 1,764
15" RCP irrigation pipe	1,106	LF	\$ 45.00	\$ 49,770
15" RCP storm drain pipe	73	LF	\$ 55.00	\$ 4,015
Inlet box	3	EA	\$ 3,200.00	\$ 9,600
Pot hole for SD crossing	6	EA	\$ 150.00	\$ 900
Reconstruct cleanout box	7	EA	\$ 650.00	\$ 4,550
Core into existing box	3	EA	\$ 250.00	\$ 750
Traffic striping	1	LS	\$ 2,500.00	\$ 2,500
Raise and collar manhole	11	EA	\$ 450.00	\$ 4,950
Raise and collar water valve	8	EA	\$ 400.00	\$ 3,200
4" HMA	1,473	Ton	\$ 75.00	\$ 110,475
6" UTBC	2,636	Ton	\$ 13.50	\$ 35,586
12" Granular Borrow	3,934	Ton	\$ 12.50	\$ 49,175
Remove fire hydrant	3	EA	\$ 500.00	\$ 1,500
Cap existing tee for old fire hydrant	2	EA	\$ 750.00	\$ 1,500
Water line for fire hydrant	36	LF	\$ 65.00	\$ 2,340
Hot tap and valve for fire hydrant	2	EA	\$ 1,000.00	\$ 2,000
Fire hydrant	3	EA	\$ 1,800.00	\$ 5,400
Adjust water meter to grade	6	EA	\$ 350.00	\$ 2,100
Relocate water meter and stop and waste	1	EA	\$ 1,000.00	\$ 1,000
Stabilization fabric	6,427	SY	\$ 1.50	\$ 9,641
Remove and replace 4' chain link fence	258	LF	\$ 12.50	\$ 3,225
Landscaping repair	1	LS	\$ 12,000.00	\$ 12,000
Driveway tie-in	27	EA	\$ 850.00	\$ 22,950
Mailbox	5	EA	\$ 250.00	\$ 1,250
Concrete flat work	620	SF	\$ 6.50	\$ 4,030
Curb wall	41	LF	\$ 13.50	\$ 554
Surveying and testing (3%)	1	LS	\$ 16,642.47	\$ 16,642
Contingencies		10%		64,738.65
			TOTAL	\$ 712,125

- \* Does not include water line replacement.
- \* Does not include water service replacement.

4% / yr ⇒ \$ 934,139 (2017)