City of Naples

Naples City Council Emergency Meeting Agenda
April 11, 2016 - 6:00 p.m.
1420 East 2850 South
Naples, UT 84078

1. ACKNOWLEDGMENT AND APPROVAL OF EMERGENCY MEETING
2. STORM WATER MASTER PLAN PROPOSAL BY UINTAH COUNTY
3. ADJOURNMENT

In compliance with the Americans with Disabilities Act, individuals needing special accommodations during this meeting should notify the Naples City offices at 789-9090, 1420 East 2850 South, Naples, UT 84078 at least 48 hours in advance of the meeting. Meetings are held at 1420 East 2850 South, Naples, UT.

The undersigned, duly appointed City Recorder, does hereby certify that the above agenda was faxed or emailed to the Vernal Express. The agenda was also posted in the City Hall lobby, outside the door of the City Office building, and on the State Public Meeting Notice website htts://pmn.utah.gov.

Nikki W. Kay/Naples City Recorder

Naples City Storm Water Improvement Cost

Culvert Crossing Upgrades:
The following culvert crossing upgrades are sized to meet the 100 year flood requirements.

#44
This culvert crossing is located approximately at 1580 South 500 East and consists of upgrading to two 54" barrels. The estimated cost of this upgrade, as of 2015, is $78,842.45.

#45
This culvert crossing is located approximately at 2100 South 500 East and consists of upgrading to two 36" barrels. The estimated cost of this upgrade, as of 2015, is $26,741.36.

#47
This culvert crossing is located approximately at 2800 South 500 East and consists of upgrading to two 36" barrels. The estimated cost of this upgrade, as of 2015, is $26,741.36.

#55
This culvert crossing is located approximately at 1200 South 2000 East and consists of upgrading to two 54" barrels. The estimated cost of this upgrade, as of 2015, is $78,842.45.

#56
This culvert crossing is located approximately at 1750 South 2000 East and consists of upgrading to two 60" barrels. The estimated cost of this upgrade, as of 2015, is $104,419.14.

The total cost of these culvert crossing upgrades is $315,586.76.

Detention Ponds:

#89
This detention pond is located approximately at 800 East and 1600 South. It should be sized to hold 45 acre-feet of water.

#90
This detention pond is located approximately at U.S. Highway 40 and 1200 South. It should be sized to hold 45 acre-feet of water.

Naples City Storm Water Improvement Cost

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#56
This culvert crossing is located approximately at 1750 South 2000 East and consists of upgrading to two 60" barrels. The estimated cost of this upgrade, as of 2015, is $104,419.14.

The total cost of these culvert crossing upgrades is $315,586.76.

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This detention pond is located approximately at 800 East and 1600 South. It should be sized to hold 45 acre-feet of water.

#90
This detention pond is located approximately at U.S. Highway 40 and 1200 South. It should be sized to hold 45 acre-feet of water.

#91
This detention pond is located approximately at U.S Highway 40 and 1700 South. It should be sized to hold 40 acre-feet of water.

#92
This detention pond is located approximately at 2000 East and 1200 South. It should be sized to hold 50 acre-feet of water.

#93
This detention pond is located approximately at 2000 East and 1750 South. It should be sized to hold 100 acre-feet of water.

Naples City Cost				
Improvement	Item	Location	Size	Cost
Culvert Crossing Upgrade	44	1580 S 500 E	Two 54" barrels	$78,842.45
Culvert Crossing Upgrade	45	2100 S 500 E	Two 36" barrels	$26,741.36
Culvert Crossing Upgrade	47	2800 S 500 E	Two 36" barrels	$26,741.36
Culvert Crossing Upgrade	55	1200 S 2000 E	Two 54" barrels	$78,842.45
Culvert Crossing Upgrade	56	1750 S 2000 E	Two 60" barrels	$104,419.14
Detention Pond	89	800 E and 1600 S	45 acre-feet	
Detention Pond	90	US Hwy 40 and 1200 S	45 acre-feet	
Detention Pond	91	US Hwy 40 and 1700 S	40 acre-feet	
Detention Pond	92	2000 E and 1200 S	50 acre-feet	
Detention Pond	93	2000 E and 1750 S	100 acre-feet	
TOTAL				**$315,586.76**

Uintah County Storm Water/Flood Control Project

CIB Loan Application

$7,840,000 @ 0% for 30 Years = $261,333.33

Probable payment distribution

Distribution Method	Entity	Percentage	Annual Payment
Land Mass	Uintah Co.	82.2%	$214,696.68
	Vernal City	7.4%	$19,326.90
	Naples City	10.5%	$27,309.75
Population	Uintah Co.	60.4%	$157,945.41
	Vernal City	33.7%	$88,091.35
	Naples City	5.9%	$15,296.57
Value of Improvements (minus Canals & Detention)	Uintah Co.	55.2%	$144,207.96
	Vernal City	16.6%	$43,411.82
	Naples City	28.2%	$73,713.56
Average	Uintah Co.	65.9%	$172,283.35
	Vernal City	19.2%	$50,276.69
	Naples City	14.8%	$38,773.30

3/29/2016

51.1	Sq Mile	
4.6	Sq Mile	
6.5	Sq Mile	
62.2	Sq Mile	Total
19443	Wikipedia	
10844	Wikipedia	
1883	Wikipedia	
32170	Wikipedia	Ashley Valley
$1,542,841.00	Const Cost	
$464,451.00	Const Cost	
$788,641.00	Const Cost	
$2,795,933.00	Const Cost	Total - Culvert

Uintah County Storm Water/Flood Control Project

CIB Loan Application

$7,840,000 @ 0% for 30 Years = $261,333.33

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Population	Uintah Co.	60.4%	$157,945.41
	Vernal City	33.7%	$88,091.35
	Naples City	5.9%	$15,296.57
Value of Improvements (minus Canals & Detention)	Uintah Co.	70.4%	$184,066.18
	Vernal City	17.6%	$46,006.52
	Naples City	12.0%	$31,260.64
Average	Uintah Co.	71.0%	$185,569.42
	Vernal City	19.6%	$51,141.59
	Naples City	9.4%	$24,622.32

51.1	Sq Mile	
4.6	Sq Mile	
6.5	Sq Mile	
62.2	Sq Mile	Total
19443	Wikipedia	
10844	Wikipedia	
1883	Wikipedia	
32170	Wikipedia	Ashley Valley
$1,858,210.53	Const Cost	
$464,451.42	Const Cost	
$315,586.74	Const Cost	
$2,638,248.69	Const Cost	Total - Culvert

4/11/2016

udot.utah.gov

PROJECT NAME: Uintah County Storm Water/Flood Control Project
Cost Estimate - Concept Level

Prepared By: Troy D. Ostler, PE **Date** 2/25/2016

Proposed Project Scope: **Purchase Control of Canals, Replace Pipe Culvert, Build Detention Basins**

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	0.000	miles	ft
Current FY Year (July-June) =	2016		
Assumed Construction FY Year =	2017		
Construction Items Inflation Factor =	1.06	1 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.0%		
Assumed Yearly Inflation for Right of Way (%/yr) =	0.0%		
Items not Estimated (% of Construction) =	0.0%		
Preliminary Engineering (% of Construction + Incentives) =	3.9%		
Construction Engineering (% of Construction + Incentives) =	5.3%		

Construction Items		Cost	Remarks
Public Information Services		$0	
Roadway and Drainage		$6,939,900	
Traffic and Safety		$0	
Structures		$0	
Environmental Mitigation		$0	
ITS		$0	
	Subtotal	$6,939,900	
	Items not Estimated (0%)	$0	
	Construction Subtotal	**$6,939,900**	
P.E. Cost	**P.E. Subtotal**	**$269,268**	4%
C.E. Cost	**C.E. Subtotal**	**$365,733**	5%
Right of Way	**Right of Way Subtotal**	$15,364,696	
Utilities	**Utilities Subtotal**	$75,000	
Incentives	**Incentives Subtotal**	$0	
Miscellaneous	**Miscellaneous Subtotal**	**$108,000**	Bond Closing, Adminstration, etc.

Cost Estimate (ePM screen 505)			2016		2017
	P.E.		$269,000		$277,000
	Right of Way		$15,365,000		$15,365,000
	Utilities		$75,000		$79,000
	Construction		$6,940,000		$7,322,000
	C.E.		$366,000		$377,000
	Incentives		$0		$0
	Aesthetics	0.00%	$0		$0
	Change Order Contingency	5.00%	$347,000		$366,000
	UDOT Oversight		$0		$0
	Miscellaneous		$108,000		$114,000
		TOTAL	$23,470,000	TOTAL	$23,900,000

PROPOSED COMMISSION REQUEST	TOTAL	$23,470,000	TOTAL	$23,900,000

Project Assumptions/Risks

1 Project will be constructed in 2017

2 No additional R/W is required

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Roadway and Drainage

PROJECT NAME: Uintah County Storm Water/Flood Control Project

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
012850010	Mobilization	1	Lump	$250,000.00	$250,000.00	Usually 7-10% of construction
015540005	Traffic Control	1	Lump	$150,000.00	$150,000.00	Usually 3-5% of construction
01557001*	Maintenance of Traffic	0	Lump			Usually 1% of construction
017210010	Survey	1	Lump	$75,000.00	$75,000.00	
020560005	Borrow (Plan Quantity)	0	cu yd			
020560010	Borrow	0	Ton			
020560015	Granular Borrow (Plan Quantity)	0	cu yd			
020560020	Granular Borrow	0	Ton			
020560025	Granular Backfill Borrow (Plan Quantity)	0	cu yd			
022210015	Remove Bridge		Each			
022210080	Remove Fence		ft			
022210095	Remove Pipe Culvert		ft			
022310010	Clearing and Grubbing		Lump			
023160020	Roadway Excavation (Plan Quantity)	140,000	cu yd	$25.00	$3,500,000.00	
027120010	Lean Concrete Base Course, 4 inch thick	0	sq yd			
027210010	Untreated Base Course	0	Ton			
027210020	Untreated Base Course (Plan Quantity)	0	cu yd			
027350010	Micro-Surfacing	0	sq yd			
02737001*	Asphalt Pavement Soft Spot Repair - Type A		sq yd			
02737002*	Asphalt Pavement Soft Spot Repair - Type B		sq yd			
027410060	HMA - 3/4 Inch	0	Ton			
027480010	Liquid Asphalt MC-70 or MC-250	0	Ton			Prime Coat
027480040	Emulsified Asphalt CSS-1	0	Ton			Tack Coat
027520020	Portland Cement Concrete Pavement 9 inch Thick	0	sq yd			
027710025	Concrete Curb and Gutter Type B1		ft			
027760010	Concrete Sidewalk		sq ft			
027850020	Chip Seal Coat, Type II	0	sq yd			
027850060	Emulsified Asphalt LMCRS-2	0	Ton			Chip Seal Emulsion
027850075	Emulsified Asphalt HFMS-2P	0	Ton			Flush Coat
027860010	Open Graded Surface Course	0	Ton			
027860020	Asphalt Binder PG 64-34	0	Ton			OGSC Binder
028220030	Right-of-Way Fence, Type D (Metal Post)		ft			
029610020	Rotomilling - 1 Inch	0	sq yd			
Roadway Subtotal					**$3,975,000**	
Drainage						
023730010	Loose Riprap		cu yd			
026101386	18 Inch Irrigation/Storm Drain, Class C, smooth	220	ft	$40.00	$8,800.00	
026101388	24 Inch Irrigation/Storm Drain, Class C, smooth	650	ft	$70.00	$45,500.00	
026101390	30 Inch Irrigation/Storm Drain, Class C, smooth	1,650	ft	$90.00	$148,500.00	
026101391	36 Inch Irrigation/Storm Drain, Class C, smooth	1,070	ft	$100.00	$107,000.00	
026101392	42 Inch Irrigation/Storm Drain, Class C, smooth	740	ft	$110.00	$81,400.00	
026101393	48 Inch Irrigation/Storm Drain, Class C, smooth	4,600	ft	$125.00	$575,000.00	
026101394	54 Inch Irrigation/Storm Drain, Class C, smooth	5,630	ft	$140.00	$788,200.00	
026101395	60 Inch Irrigation/Storm Drain, Class C, smooth	1,900	ft	$165.00	$313,500.00	
026101396	66 Inch Irrigation/Storm Drain, Class C, smooth	670	ft	$200.00	$134,000.00	
026101397	72 Inch Irrigation/Storm Drain, Class C, smooth	2,450	ft	$240.00	$588,000.00	
026330130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9	35	Each	$5,000.00	$175,000.00	
Drainage Subtotal					**$2,964,900**	
PI						
013150010	Public Information Services	1	Lump		$0	Usually 0.25% of construction

Utilities, Right of Way, and Incentives

PROJECT NAME: Uintah County Storm Water/Flood Control Project

Item #	Item	Quantity	Units	Price	Cost	Remarks
Utilities						
	Relocate Water/Irrigation/Sewer Lines	1	Lump	$75,000.00	$75,000.00	
	Relocate Gas Line	1	Lump			
	Relocate Power Line	1	Lump			
	Relocate Fiber Optic	1	Lump			
	Relocate Phone	1	Lump			
Utilities Subtotal					**$75,000**	
Right-of-way						
	Highline / Upper Canal	1	Lump	$13,941,847.00	$13,941,847.00	
	Rock Point Canal	1	Lump	$1,422,849.00	$1,422,849.00	
	non-Urban/Suburban Residential		Each			
	non-Urban/Suburban Commercial		sq ft			
	non-Urban/Suburban Farm		Each			
Right-of-Way Subtotal					**$15,364,696**	
Incentives						
00000601*	Pavement Smoothness Incentive	1	Lump			
00000602*	Hot Mix Asphalt (HMA) Incentive	1	Lump			
00000603*	Stone Matrix Asphalt (SMA) Incentive	1	Lump			
00000604*	Open Graded Surface Course Incentive	1	Lump			
00000605*	Bonded Wearing Course Incentive	1	Lump			
00000606*	Early Completion - Time	0	Cal'd			
00000607*	Lane Rental Incentive	0	Hours			
00000608*	Miscellaneous Incentive	1	Lump			
Incentives Subtotal					**$0**	

Department of Workforce Services
Housing & Community Development Division

PERMANENT COMMUNITY IMPACT FUND BOARD

PROGRAM DESCRIPTION
&
APPLICATION FORM
(Revised June 2015)

Permanent Community Impact Fund Board
1385 South State ~ 4th Floor
Salt Lake City, Utah 84115
Office: 801-468-0043
Fax: 801-468-0211

PERMANENT COMMUNITY IMPACT FUND BOARD
APPLICATION FORM
(Revised June 2015)

PART A. GENERAL INFORMATION

Project Title Uintah County Storm Water/Flood Control Project
Project Location Vernal, Utah

1. Applicant Agency

Name: Municipal Building Authority of Uintah County, Utah

Mailing Address: 152 East 100 North

City: Vernal County: Uintah . Utah Zip: 84078

Contact Person (***Must be with the applicant agency and registered in WebGrants, see page 6***)

Name: Heather B. Hoyt

Phone: 435-781-5482 Fax: 435-781-5384

Email: hhoyt@uintah.utah.gov

Federal Tax Identification Number: 48-1274192

2. Presiding Official (*this person must sign the application; page 6*)

Name and Title: William C. Stringer, President of MBA

Email: bstringer@uintah.utah.gov

3. Clerk/Recorder

Name and Title: Michael W. Wilkins

Email: mwilkins@uintah.utah.gov

4. Engineer/Architect

Name: Civco Engineering

Mailing Address: 1256 West 400 South

City: Vernal Zip: 84078 Phone: 435-789-5448 Fax: _____

Email: troyostler@civcoengineering.com

5. Bond Counsel

Name: Eric Johnson

Mailing Address: Blaisdell & Church, 5995 S. Redwood Rd.

City: Taylorsville Zip: 84123 Phone: 801-261-3407 Fax: _____

Email: eric@bcjlaw.net

6. Financial Consultant – (optional)

Name: N/A

Mailing Address: _____

City: _____ Zip: _____ Phone: _____ Fax: _____

Email: _____

PART B. PROPOSED FUNDING – Project Title: U. C. Flood Control Project

1. Cost Sharing

Funding Source	Cost Share
a. Applicant Cash	$ 300,000
b. Applicant In-kind (specify)**	_____
c. Other Local Cash (specify) – Canal Companies	$2,000,000
d. Other Local In-kind (specify)** - UTSSD (Transportation Special Service District)	$1,000,000
e. Federal Grant (specify)	_____
f. Federal Loan (specify)	_____
g. State Grant (specify) - NRCS to Canal Companies	$4,491,396
h. State Loan (specify)	_____
I. Total CIB Funds (total of lines 2a & 2b below)	$15,680,000
Total Project Cost	**$23,470,396**

Note: The CIB may limit its total participation in any given project to a maximum of $5,000,000 regardless of grant/loan mix.

2. Type of CIB Funds Requested - (Loans should be rounded to the nearest $1000)

a. Loan Amount: $ 7,840,000__% Rate: 0%__ Years: 30__ 1st Payment Due: 1/1/2017

Security for Loan: (circle one)

1. General Obligation Bond
2. Revenue Bond (specify revenue source): _____
3. Building Authority Lease Revenue Bond (specify lessee): **X**
4. Class B & C Road Fund Revenue Bond: _____
5. Other (specify): _____

b. Grant Amount: $ 7,840,000

3. Cost Over-runs

All applicants must indicate how they propose to finance cost over-runs for the proposed project.

Uintah County will cover any cost overruns.

****In-kind funds cannot be included as part of the local contribution, unless the in-kind has a demonstrable value, such as real property. Donated labor or staff time cannot be counted as either cash or in-kind contribution.**

PART C. PROJECT BUDGET – Project Title: U. C. Flood Control Project

DATE COST ESTIMATES FOR PROJECT WERE PREPARED 1/27/2016

INDIVIDUAL OR FIRM RESPONSIBLE FOR COST ESTIMATES CIVCO Engineering

1. Construction – (This refers to the prepared estimate included with application)

(specify quantity & unit price below or refer to estimate)

1. Mobilization	$250,000	
2. Utility Relocation	$75,000	
3. Drainage Structures	$175,000	
4. Traffic Control	$150,000	
5. Earthwork	$3,500,000	
6. Materials & Labor	$2,864,900	
7. Construction Contingency 5%	$300,000	
Construction Sub-Total		**$7,314,900**

2. Engineering Services

Pre-Construction Engineering: $ 219,447
(Preliminary studies, layouts, cost estimates, design drawings, specification & contract documents)

Special Engineering Services: $ 50,000
(soil investigations , geotechnical studies, land surveys, environmental evaluations, permitting, water rights and other special investigations)

Construction Engineering Services: $ 471,353
(Representation during construction, special inspections, materials testing and construction phase services and right of way surveying.

Engineering Services Sub-total: **$ 740,800**

ALTERNATE ENGINEERING OPINION _____

3. Planning or Feasibility Studies

Planning or Feasibility Studies Sub-total $ 0.00

4. Land/Easements/Water Rights (Acquiring Control of Canals)

Land/Easements/Water Rights Sub-total **$ 15,364,696**

5. Equipment & Facilities

Equipment & Facilities Sub-total $ _____

6. Administration

Legal: $ 50,000
Financial Consultant: $ _____

Administration Sub-total $ 50,000

TOTAL PROJECT COST **$ 23,470,396**

PART D. APPLICANT AGENCY FINANCIAL INFORMATION

1. Current Year Total Budget: **$ 73,185,200**

2. Current Year General Fund Budget **$ 24,587,800**

3. Current and Prior Four Years Property Tax:

Year	Property Tax Rate	$ Collected
2014	.002965	$15,580,331
2013	.002789	$13,936,767
2012	.002813	$13,803,500
2011	.002841	$12,722,656
2010	.002758	$12,136,497

4. General Obligation (G.O.) Debt Structure

a. Assessed Valuation: **$ 5,678,887,377**

b. G.O. Debt Capacity:* **$ 113,577,748**

c. Outstanding G.O. Debt: **$ 33,389,000**

d. Remaining G.O. Debt Capacity (b-c=d): **$ 80,192,748**

*County G.O. debt limit is 2.0% of assessed value. City, town and school district G.O. debt limit is 4.0% of assessed value. Cities of the first and second class may incur an additional 4.0% in G.O. debt for water, artificial lights or sewers. Cities of the third class and towns may incur an additional 8.0% in G.O. debt for water, artificial lights or sewers.

5. Bonded Debt Summary

Bonded debt information must be submitted in the format shown on Page 5. The submission of bonded debt information in an alternative format will not be accepted, since it precludes easy reference to the actual debt structure of applicant agencies. Please attach additional pages in the same format if there are insufficient columns on Page 5 to list all bonded debt issues.

Bonded Debt Summary *(attach additional sheets as necessary*

	BOND ISSUE		BOND ISSUE		BOND ISSUE
PURPOSE:	Public Safety Complex	PURPOSE:	Public Safety Complex	PURPOSE:	N. E. Counseling
$ Issued:	10,000,000	$ Issued:	33,385,000	$ Issued:	650,000
Interest Rate:	2.5%	Interest Rate:	4.5%	Interest Rate:	0%
Date Issued:	July, 2008	Date Issued:	December, 2015	Date Issued:	October, 2000
Due Date:	12/01/2040	Due Date:	12/01/2034	Due Date:	9/01/2021
Bond Holder:	State of Utah	Bond Holder:	Morgan Stanley	Bond Holder:	State of Utah

	Annual Debt Service (P+I)		Annual Debt Service (P+I)		Annual Debt Service (P+I)
Year	$ Amount	Year	$ Amount	Year	$ Amount
current	250,000	current	2,468,215	current	32,500
+1	250,000	+1	2,465,888	+1	32,500
+2	250,000	+2	2,466,387	+2	32,500
+3	250,000	+3	2,468,888	+3	32,500
+4	250,000	+4	2,468,137	+4	32,500
+5	641,000	+5	2,469,136	+5	32,500
+6	641,225	+6	2,469,638	+6	
+7	641,200	+7	2,465,638	+7	
+8	641,925	+8	2,465,887	+8	
+9	641,375	+9	2,467,138	+9	
+10	641,575	+10	2,469,138	+10	
+11	641,500	+11	2,465,137	+11	
+12	641,150	+12	2,466,938	+12	
+13	641,525	+13	2,468,337	+13	
+14	641,600	+14	2,466,538	+14	
+15	641,375	+15	2,467,787	+15	
+16	641,850	+16	2,467,088	+16	
+17	641,000	+17	2,469,437	+17	
+18	641,850	+18	2,464,688	+18	
+19	641,350	+19		+19	
+20	641,525	+20		+20	

(4 more years)

Bonded Debt Summary *(attach additional sheets as necessary*

	BOND ISSUE		BOND ISSUE		BOND ISSUE
PURPOSE:	Library	PURPOSE:	Western Park	PURPOSE:	Recreation Center
$ Issued:	3,000,000	$ Issued:	$900,000	$ Issued:	5,000,000
Interest Rate:	2.5%	Interest Rate:	0%	Interest Rate:	0%
Date Issued:	June, 2011	Date Issued:	October, 2005	Date Issued:	December, 2006
Due Date:	04/01/2042	Due Date:	1/1/2025	Due Date:	10/1/2037
Bond Holder:	State of Utah	Bond Holder:	State of Utah	Bond Holder:	State of Utah

	Annual Debt Service (P+I)		Annual Debt Service (P+I)		Annual Debt Service (P+I)
Year	$ Amount	Year	$ Amount	Year	$ Amount
current	143,750	current	45,000	current	166,000
+1	142,900	+1	45,000	+1	166,000
+2	143,025	+2	45,000	+2	167,000
+3	143,100	+3	45,000	+3	167,000
+4	143,125	+4	45,000	+4	167,000
+5	143,100	+5	45,000	+5	167,000
+6	143,025	+6	45,000	+6	167,000
+7	143,900	+7	45,000	+7	167,000
+8	143,725	+8	45,000	+8	167,000
+9	143,475	+9	45,000	+9	167,000
+10	143,175	+10		+10	167,000
+11	143,825	+11		+11	167,000
+12	143,400	+12		+12	167,000
+13	142,925	+13		+13	167,000
+14	143,400	+14		+14	167,000
+15	143,800	+15		+15	167,000
+16	143,125	+16		+16	167,000
+17	143,400	+17		+17	167,000
+18	143,600	+18		+18	167,000
+19	143,725	+19		+19	167,000
+20	143,775	+20		+20	167,000
	(6 more years)				(1 more year)

Bonded Debt Summary *(attach additional sheets as necessary*

	BOND ISSUE		BOND ISSUE		BOND ISSUE
PURPOSE:	Road Dept. Equip.	PURPOSE:	Landfill Equip.	PURPOSE:	Landfill Building
$ Issued:	443,000	$ Issued:	625,000	$ Issued:	635,000
Interest Rate:	0%	Interest Rate:	0%	Interest Rate:	0%
Date Issued:	March, 2007	Date Issued:	Sept. 2007	Date Issued:	Sept. 2008
Due Date:	1/1/2018	Due Date:	4/1/2018	Due Date:	4/1/2023
Bond Holder:	State of Utah	Bond Holder:	State of Utah	Bond Holder:	State of Utah

Annual Debt Service (P+I)		Annual Debt Service (P+I)		Annual Debt Service (P+I)	
Year	$ Amount	Year	$ Amount	Year	$ Amount
current	44,000	current	63,000	current	32,000
+1	44,000	+1	63,000	+1	32,000
+2	5,452	+2	58,000	+2	32,000
+3		+3		+3	32,000
+4		+4		+4	32,000
+5		+5		+5	32,000
+6		+6		+6	32,000
+7		+7		+7	32,000
+8		+8		+8	32,000
+9		+9		+9	32,000
+10		+10		+10	32,000
+11		+11		+11	32,000
+12		+12		+12	27,000
+13		+13		+13	
+14		+14		+14	
+15		+15		+15	
+16		+16		+16	
+17		+17		+17	
+18		+18		+18	
+19		+19		+19	
+20		+20		+20	

Bonded Debt Summary *(attach additional sheets as necessary*

	BOND ISSUE		BOND ISSUE		BOND ISSUE
PURPOSE:	Tri-County Health Bldg	PURPOSE:	Airport Snowplow	PURPOSE:	Airport Fence
$ Issued:	2,300,000	$ Issued:	850,000	$ Issued:	711,000
Interest Rate:	0%	Interest Rate:	0%	Interest Rate:	0%
Date Issued:	December, 2007	Date Issued:	December, 2011	Date Issued:	December, 2011
Due Date:	10/1/2037	Due Date:	10/1/2026	Due Date:	10/1/2031
Bond Holder:	State of Utah	Bond Holder:	State of Utah	Bond Holder:	State of Utah

	Annual Debt Service (P+I)		Annual Debt Service (P+I)		Annual Debt Service (P+I)
Year	$ Amount	Year	$ Amount	Year	$ Amount
current	77,000	current	57,000	current	36,000
+1	77,000	+1	57,000	+1	36,000
+2	77,000	+2	57,000	+2	36,000
+3	77,000	+3	57,000	+3	36,000
+4	77,000	+4	57,000	+4	36,000
+5	77,000	+5	57,000	+5	36,000
+6	77,000	+6	57,000	+6	36,000
+7	77,000	+7	57,000	+7	36,000
+8	77,000	+8	57,000	+8	36,000
+9	77,000	+9	57,000	+9	36,000
+10	77,000	+10	4,588	+10	36,000
+11	77,000	+11		+11	36,000
+12	77,000	+12		+12	36,000
+13	77,000	+13		+13	36,000
+14	77,000	+14		+14	36,000
+15	77,000	+15		+15	10,764
+16	77,000	+16		+16	
+17	77,000	+17		+17	
+18	77,000	+18		+18	
+19	77,000	+19		+19	
+20	77,000	+20		+20	

(1 more at $67,000)

Bonded Debt Summary *(attach additional sheets as necessary*

	BOND ISSUE	BOND ISSUE	BOND ISSUE
PURPOSE:	W. P. Convention Ctr.	PURPOSE:	
$ Issued:	4,500,000	$ Issued:	
Interest Rate:	0%	Interest Rate:	
Date Issued:	December, 2014	Date Issued:	
Due Date:	7/1/2045	Due Date:	
Bond Holder:	State of Utah	Bond Holder:	

Year	Annual Debt Service (P+I) $ Amount	Year	Annual Debt Service (P+I) $ Amount	Year	Annual Debt Service (P+I) $ Amount
current	150,000	current		current	
+1	150,000	+1		+1	
+2	150,000	+2		+2	
+3	150,000	+3		+3	
+4	150,000	+4		+4	
+5	150,000	+5		+5	
+6	150,000	+6		+6	
+7	150,000	+7		+7	
+8	150,000	+8		+8	
+9	150,000	+9		+9	
+10	150,000	+10		+10	
+11	150,000	+11		+11	
+12	150,000	+12		+12	
+13	150,000	+13		+13	
+14	150,000	+14		+14	
+15	150,000	+15		+15	
+16	150,000	+16		+16	
+17	150,000	+17		+17	
+18	150,000	+18		+18	
+19	150,000	+19		+19	
+20	150,000	+20		+20	

(9 more years)

PART E. PRE-SUBMISSION ATTACHMENT CHECKLIST

Note: *Applicants must meet ALL of the requirements listed below.*
Incomplete applications will be held pending completion of the PART E. requirements.

1. Registration (*one time registration only.)
To be eligible for funding, the applicant **must** be registered in WebGrants (http://webgrants.community.utah.gov) For new registration, the applicant will receive an email with their login ID and password. ***Note: Please register one time only. If applicant has submitted an application previously they may already have a login and password. Do NOT register again.***

2. Project Description
Attach as Attachment #1. This description should cover the following areas:

WHO – A description of the applicant agency including the problem, situation, condition or need to be addressed by the proposed project. The description should cover the number of persons, land area, governmental facilities, services or operations impacted by the problem.

WHAT – A description of the proposed project including size, location, development timetable, etc. Include explanation of projected benefits and alternatives considered. **Attach 8½ X 11 maps, floor plans, site plans and prepared estimate etc. as Attachment #2**

WHY – Has the applicant investigated other sources of funding for this project and an explanation of why the applicant agency requires financial assistance from CIB.

3. Consolidated Local Capital Improvement List – Permanent Community Impact Fund Board
Attach the current consolidated capital improvement list as **Attachment #3**. Projects not identified on the CIB Capital Improvement List of the Housing & Community Development Division, will NOT be funded by the CIB, unless they address a bona fide public safety or health emergency, or for other compelling reasons.

4. Public Hearing – (As per program summary, discuss size, scope and nature of any funding request to be submitted to the CIB.) Attach a copy of the public notice *and* a copy of public hearing minutes as **Attachment #4.**

5. Association of Governments Notification
Provide a copy of the application to the AOG & attach required AOG review & comments as **Attachment #5.**

6. Affordable Housing Plan – (do not submit the entire housing plan)
Attach a **brief summary** of the applicant's efforts to comply with the requirements of Section 10-9a-403 UCA (municipalities) and Section 17-27a-403 UCA (counties) as **Attachment #6**.

7. Water & Sewer Applications require a Department of Environmental Quality Review
Utah Department of Environmental Quality (DEQ) staff act as technical advisors to the CIB on drinking water and waste water projects. Applicants for proposed drinking water and waste water project funding **MUST COMPLETE AND SUBMIT** the Drinking Water & Waste Water Project Supplement ***to DEQ***. *(DEQ Supplemental form is located on CIB website: **http://jobs.utah.gov/housing/cib/cib.html***

8. Street & Road Applications – must complete *Street & Road Addendum* with all road/street applications.
*(Street and Road Addendum is located on CIB website: **http://jobs.utah.gov/housing/cib/cib.html)***

9. Construction & Excavation Applications & SHPO
Applications which include building, altering or disturbing properties fifty (50) years of age or older, or which may include new site excavation shall include photograph, address and map of the proposed project.

.PART F. PRESIDING OFFICIAL SIGNATURE

I, William C. Stringer, the President
(typed name) *(typed title)*

Of the Municipal Building Authority of Uintah County, Utah
(typed name of applicant agency) **do hereby certify the information presented in this application is accurate and correct to the best of my knowledge and this application has been authorized by the applicant agency**

William C. Stringer — January 27, 2016
(signature) *(date)*

Project Description

ATTACHMENT NO. 1
Project Description

Uintah County, Utah is considered arid. In an average year it receives 11 inches of rain in contrast to the United States average of 37 inches. In dry Uintah County, rain should be considered a blessing not an issue!! But, today with farm lands turning into subdivisions and drainages (nature's natural storm water control system) being pushed with dirt and built over, an intense rain storm can quickly become a flood event.

Such was the case on August 21st in 2014. Two nights of flash flooding left some homes damaged due, in part, to the lack of a county wide storm water/flood control system. In some areas the water raised a couple of feet flooding basements and washing away landscaping.

The County, Vernal City, and Naples City recognized that a storm water/flood control system had to become a reality. In fact, in 2008 a flood control study had been commissioned. The end result was that these municipalities were looking at approximately $189 million dollars to construct an adequate system. Local government was still convinced that the storm water/flood control system had to happen but no one could even begin to entertain that steep a price tag.

The 2014 flash flood event reaffirmed that a solution had to be found. This flood was not even considered a "25 year" event and it caused significant damage for some families. If a true "100 year" event ever occurred a storm water/flood control system would be a game changer. In reality, the 2014 event would probably have been much worse were it not for the fact that two of the area's largest irrigation canal systems were almost dry. The Highline Canal and the Ashley Upper Canal had delivered the majority of their irrigation water for the season and were able to funnel off 100's of acre feet of water that otherwise would have caused much more damage to local homes and properties.

Shortly after this event, in light of how efficiently these two canal systems worked to divert flood waters, Uintah County began meeting with the canal company representatives to see how these canals might be the start of a less costly, but effective, storm water/flood control system. After months of meetings it was agreed that this was indeed a viable option. Since that time, the group has been working with a local engineer to further explore how to move future storm/flood waters through the canals across the cities of Vernal and Naples to the Ashley Creek, which has a big enough stream bed to carry a large volume of water to the Green River.

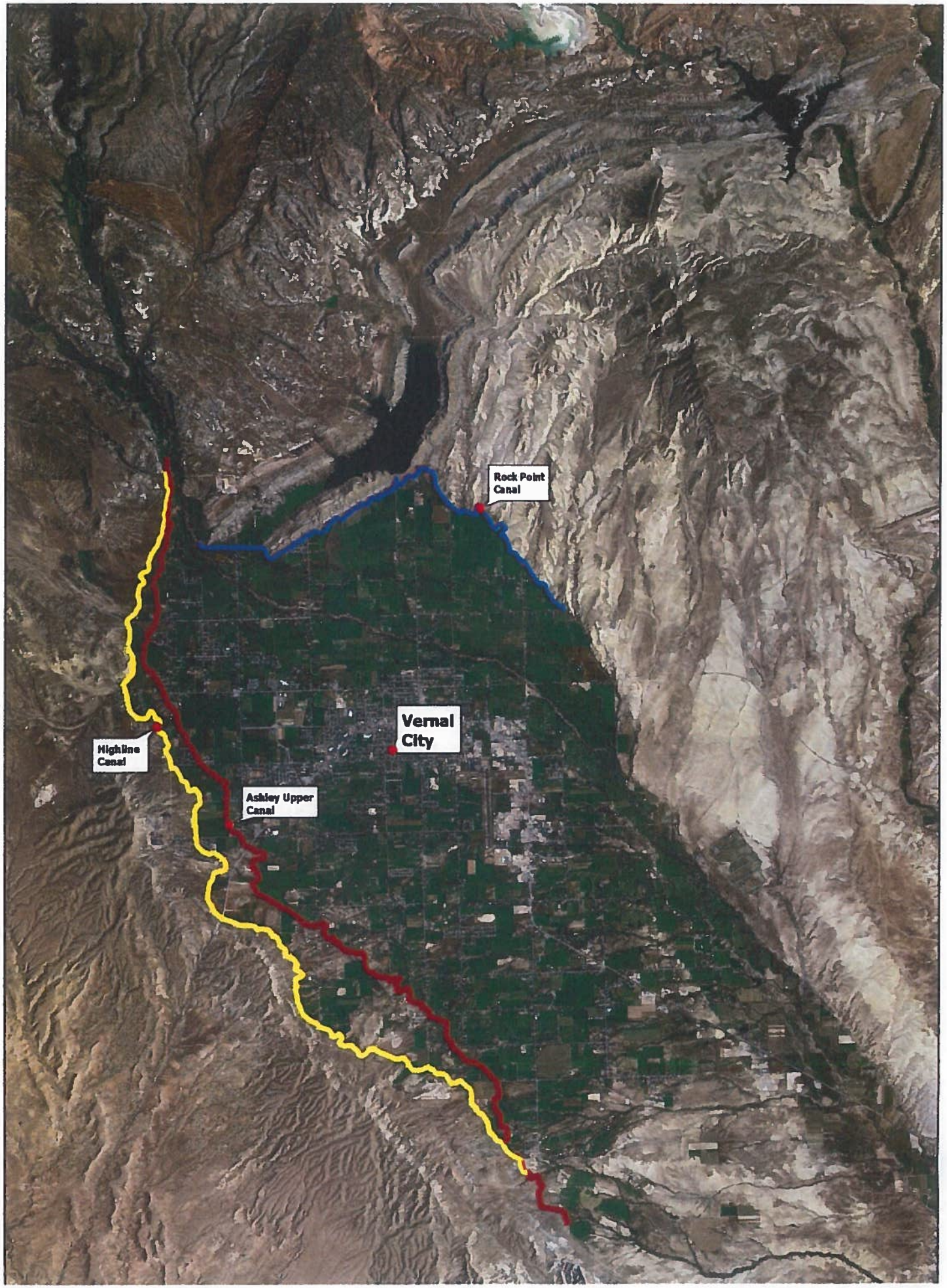
The project is now ripe and the parties are ready to move forward. The first phase, in essence, started a couple of years ago when the Uintah Transportation Special Service District (UTSSD) began adding flood control culverts and drainage pipes under the roads it constructed. The engineer estimates that they have spent $7,269,000 on these improvements – a great value already invested in the project. The UTSSD has agreed to be a project partner for this grant and anticipates, in the next year, that the value of its future "in kind" work will be about $1,000,000.

The next phases are expected to begin in the fall of 2016 and take 2 to 3 years to complete. If this project is funded, the applicant is very willing to accept its CIB funding in 2 or 3 year installments.

The project budget reflects a total request of $23,470,396. The monies requested will be used, in part, to acquire control of the Highline, Ashley Upper, and Rock Point canals ($15,364,696). These canals are the central components for this new storm water/flood control system. Another approximate $7.3 million will be used for construction materials to build additional storm water/flood control systems across Vernal and Naples Cities, with a little more than $740,000 allocated for engineering and surveying, and an estimated $50,000 for legal fees.

Once the County acquires sole control of the canals for the storm water/flood control project, the irrigation water traditionally flowing through them must be diverted. Through an Interlocal Agreement, between the County and the irrigation companies, the companies will commit to construct a system of buried pipelines, in no more than 3 years, removing the water from these canals. The irrigation companies have already obtained in excess of $5 million dollar of commitments from National Resources Conservation Service (NRCS), the Bureau of Reclamation, and the company's stockholders to fund this buried pipeline project. Another part of this agreement will require the funds received, by the canal companies, when the county acquires control of the canals to be dedicated to this buried pipe line. A win/win for all parties!

This project is an incredible example of regional cooperation. With a lot of give and take this storm water/flood control project will become a reality at a fraction (a little more than 1/10th) of the cost estimated in the 2008 Flood Control Study.


Rock Point Canal
Vernal City
Highline Canal
Ashley Upper Canal

Capital Improvement List

PERMANENT COMMUNITY IMPACT FUND BOARD (PCIFB)
2015 CONSOLIDATED LOCAL CAPITAL IMPROVEMENT LIST
1 YEAR

Applicant Priority	County Area Priority	Entity	Project Description	Estimated Total Cost	Revenue Sources/Shares		CIB Request				CIB Submission Date
1	H	Maeser Water Improv. Dist	Water System Improvements	$500,000.00	N/A	$0.00	GRANT	$250,000.00	LOAN	$250,000.00	Oct-15
1	H	Naples City	2500 South Storm Drain Improvments Phase I	$1,000,000.00	N/A	$0.00	GRANT	$750,000.00	LOAN	$250,000.00	Jun-15
2	H	Naples City	Community Park Hall	$1,225,000.00	N/A	$0.00	GRANT	$800,000.00	LOAN	$425,000.00	Jun-15
3	H	Naples City	Street Lights	$100,000.00	N/A	$0.00	GRANT	$75,000.00	LOAN	$25,000.00	Oct-15
4	H	Naples City	Street Lighting on both sides of 1900 South Street from Hwy 40 to 2000 East	$250,000.00	Naples City	$50,000.00	GRANT	$200,000.00	LOAN	$0.00	Feb-16
1	H	Ouray Park Water Improvement District	Water Storage Tank	$1,000,000.00	N/A	$0.00	GRANT	$750,000.00	LOAN	$250,000.00	Jun-15
2	H	Ouray Park Water Improvement District	Water Pump Station w/ 3 miles of 8" Pipe	$1,500,000.00	N/A	$0.00	GRANT	$1,125,000.00	LOAN	$375,000.00	Oct-15
3	H	Ouray Park Water Improvement District	Office Building and Storage	$500,000.00	N/A	$0.00	GRANT	$250,000.00	LOAN	$250,000.00	Oct-15
4	H	Ouray Park Water Improvement District	System SCADA	$20,000.00	N/A	$0.00	GRANT	$20,000.00	LOAN	$0.00	Feb-16
1	H	Uintah County MBA	Airport Terminal	$8,000,000.00	N/A	$0.00	GRANT	$4,000,000.00	LOAN	$4,000,000.00	Jun-15
2	H	Uintah County MBA	Flood Control Project	$20,000,000.00	Uintah County/BLM	$500,000.00	GRANT	$10,000,000.00	LOAN	$9,500,000.00	Oct-15

Public Hearing

This public hearing is scheduled for February 8, 2016. The minutes will be forthcoming as soon as possible after the meeting.

PERMANENT COMMUNITY IMPACT FUND BOARD (CIB)
PUBLIC HEARING NOTICE

Uintah County Municipal Building Authority will hold a public hearing to solicit comment concerning an application it will submit for funding to the CIB Board. The application will request funding for a county storm/flood water control system. The application will request part loan and part grant. The hearing will begin shortly after 11:00AM on February 8, 2016, as part of the regularly scheduled Uintah County Commission meeting and will be held in the Commission Chambers at 152 East 100 North, Vernal, Utah. Further information may be obtained by contacting Commissioner Mike McKee at 435-781-5382. In compliance with the Americans with Disabilities Act individuals needing special accommodations (including auxiliary communicative aids and service) during this hearing should notify Ellen Daley at the Uintah County Commission office, 435-781-5380, at least three days prior to the hearing.

Published in the Vernal Express on February 2, 2016
Bill to Uintah County Grants Office using Purchase Requisition No. 85837

AOG Letter

The Uintah Basin Association of Government's meeting, scheduled for January 28th, 2016, has been canceled due to the lack of a quorum. Another meeting will be scheduled in February at which time this application will be reviewed and, if favorably received, a letter of support forthcoming.

Affordable Housing Plan

UINTAH COUNTY

STATE OF UTAH

Our Past is The Nation's Future

COMMISSIONERS:
Michael J. McKee
William C. Stringer
Mark D. Raymond
ASSESSOR - Barbara Simper
ATTORNEY - G. Mark Thomas
CLERK-AUDITOR - Michael W. Wilkins
RECORDER - Brenda McDonald
TREASURER - Wendi Long
SHERIFF - Vance Norton
SURVEYOR - John Slaugh

January 11, 2016

Candace Powers
Permanent Community Impact Fund
1385 South State, 4th Floor
Salt Lake City, Utah 84115

Re: Uintah County Affordable Housing Plan

Dear Ms. Powers:

Please find attached Uintah County's Affordable Housing Plan, Resolution 11-19-2001. Uintah County has a demonstrated record of supporting and assisting affordable housing. Previously, it donated land for a senior housing project and for a multi-family housing project. The County has also acquired subdivision lots and installed utilities to assist with future affordable housing development.

Currently, Uintah County assists the Uintah Basin Assistance Council with office space and continues to employ a Housing Counselor who helps low income families to locate affordable housing. Uintah County remains committed to promoting affordable housing.

Sincerely,

Heather B. Hoyt
Grants Administrator

RESOLUTION 11-19-2001

AFFORDABLE HOUSING
INTERLOCAL COOPERATIVE AGREEMENT
UINTAH COUNTY, UTAH

WHEREAS, the Utah State Legislature passed HB 295 requiring counties to develop an Affordable Housing Plan; and

WHEREAS, Uintah County supports the concept of affordable housing for all residents and could benefit from a rental assistance program; and

WHEREAS, Myton City Housing Authority, soon to be known as the Housing Authority of the Uintah Basin, administers a Section 8 Rental Assistance Program providing dwellings for low-income persons and families; and

WHEREAS, Myton City Housing Authority has asked Uintah County to join the Housing Authority in order to provide Section 8 Rental Assistance to qualifying low-income residents of Uintah County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY AS FOLLOWS:

SECTION 1. The Uintah County Commission shall enter into an INTERLOCAL COOPERATIVE AGREEMENT with Myton City Housing Authority, after its application to do business under the name Housing Authority of the Uintah Basin has been duly registered with the State of Utah, and after said agreement provides Uintah County with equal representation.

SECTION 2. Uintah County shall provide an equitable number of representatives to sit on the Housing Authority's Board of Directors, as set forth and determined in the INTERLOCAL COOPERATIVE AGREEMENT, to represent its interest in the Section 8 Rental Assistance Program.

SECTION 3. If any provision of this resolution shall be held or deemed to be or shall, in fact, be invalid, inoperative or unenforceable for any reason, such reason shall not have the effect of rendering any other provision or provisions hereof invalid, in operative or unenforceable to any extent whatever, this resolution and the provisions of this resolution being deemed to be the separate independent and severable act of the governing body of the County.

SECTION 4. Immediately after its adoption, this resolution shall be signed by the appropriate officers of the County, shall be recorded in the official records of the County and shall take immediate effect.

PASSED and approved by a duly constituted quorum of the Board of County Commissioners of Uintah County, this 19th day of November, 2001.

UINTAH COUNTY
BOARD OF COMMISSIONERS

Cloyd Harrison, Chairman

ATTEST:

Carla White, Deputy
Pat S. McNeill, Clerk/Auditor

APPROVED AS TO FORM:

Glen K. Vernon
Deputy County Attorney

Part C - Project Budget

Brandon Childs -

1. Constuction:

Item No.	Description	Quantity	Unit	Unit Cost	Amount	Total
1	Mobilization	1	Lump	$250,000.00	$250,000.00	
2	Traffic Control	1	Lump	$150,000.00	$150,000.00	
3	Survey	1	Lump	$75,000.00	$75,000.00	
4	Detention Basin (Earthwork)	140000	Cu Yd	$25.00	$3,500,000.00	
5	18" Pipe Culvert	220	Foot	$40.00	$8,800.00	
6	24" Pipe Culvert	650	Foot	$70.00	$45,500.00	
7	30" Pipe Culvert	1650	Foot	$90.00	$148,500.00	
8	36" Pipe Culvert	1070	Foot	$100.00	$107,000.00	
9	42" Pipe Culvert	740	Foot	$110.00	$81,400.00	
10	48" Pipe Culvert	4600	Foot	$125.00	$575,000.00	
11	54" Pipe Culvert	5630	Foot	$140.00	$788,200.00	
12	60" Pipe Culvert	1900	Foot	$165.00	$313,500.00	
13	66" Pipe Culvert	670	Foot	$200.00	$134,000.00	
14	72" Pipe Culvert	2450	Foot	$240.00	$588,000.00	
15	Drainage Structures	35	Each	$5,000.00	$175,000.00	
16	Utility Relocation	1	Lump	$75,000.00	$75,000.00	
17	Construction Contingency (5%)	1	Lump	$300,000.00	$300,000.00	
	Construction Sub-total				$7,314,900.00	$7,314,900.00
18	Highline / Upper Canal	1	Lump	$13,941,847.00	$13,941,847.00	
19	Rock Point Canal	1	Lump	$1,422,849.00	$1,422,849.00	
	Water Impoundment Sub-total				$15,364,696.00	$15,364,696.00

36

02610 139

017210010

2. Engineering Services:

	Pre-Construction Engineering	1	Lump	$219,447.00	$219,447.00	

Special Engineering Services	1 Lump	$50,000.00	$50,000.00	
Construction Engineering Services	1 Lump	$365,745.00	$365,745.00	
Engineering Services Sub-total			$635,192.00	$635,192.00
3. Planning or Feasibility Studies	1 Lump	$0.00	$0.00	$0.00
4. Land / Easements / Water Rights	1 Lump	$0.00	$0.00	$0.00
5. Equipment & Facilities	1 Lump	$0.00	$0.00	$0.00
6. Administration				
Legal	1 Lump	$50,000.00	$50,000.00	
Financal Consultant	1 Lump	$0.00	$0.00	
Administration Sub-total			$50,000.00	$50,000.00
Total Project Cost				**$23,364,788.00**

Local Matching Funds		
USBR - Highline / Upper Canal	$3,514,847.00	
USBR - Rock Point Canal	$976,549.00	
UTSSD	$1,000,000.00	
Uintah County		
Total Local Match	$5,491,396.00	$5,491,396.00

Total Funds Requested	**$17,873,392.00**

PART B. PROPOSED FUNDING – Project Title: U. C. Flood Control Project

1. Cost Sharing

Funding Source	Cost Share
a. Applicant Cash	$ 300,000
b. Applicant In-kind (specify)**	____
c. Other Local Cash (specify) – Canal Companies	$2,000,000
d. Other Local In-kind (specify)** - UTSSD (Transportation Special Service District)	$1,000,000
e. Federal Grant (specify)	____
f. Federal Loan (specify)	____
g. State Grant (specify) - NRCS to Canal Companies	$4,491,396
h. State Loan (specify)	____
I. Total CIB Funds (total of lines 2a & 2b below)	$15,680,000
Total Project Cost	**$23,470,396**

Note: The CIB may limit its total participation in any given project to a maximum of $5,000,000 regardless of grant/loan mix.

2. Type of CIB Funds Requested - (Loans should be rounded to the nearest $1000)

a. Loan Amount: $ 7,840,000__% Rate: 0%__ Years: 30__ 1st Payment Due: 1/1/2017

Security for Loan: (circle one)

1. General Obligation Bond
2. Revenue Bond (specify revenue source): _____
3. Building Authority Lease Revenue Bond (specify lessee): **X**
4. Class B & C Road Fund Revenue Bond: _____
5. Other (specify): _____

b. Grant Amount: $ 7,840,000

3. Cost Over-runs

All applicants must indicate how they propose to finance cost over-runs for the proposed project.

Uintah County will cover any cost overruns.

****In-kind funds cannot be included as part of the local contribution, unless the in-kind has a demonstrable value, such as real property. Donated labor or staff time cannot be counted as either cash or in-kind contribution.**

Troy D. Ostler

From: Brett Prevedel [bprevedel@gmail.com]
Sent: Tuesday, January 26, 2016 5:38 PM
To: Troy D. Ostler; Heather Hoyt
Subject: Re: Canal costs

Troy,

The costs are as follows:

Ashley Upper and Highline Canals Rehabilitation Project
Total $13,941,847. USBR $3,514,847

Rock Point Canal Rehabilitation Project
Total $1,422,849. USBR $976,549

These costs are not public at this point but the directors are free to disclose what they wish. They are fine with the numbers being used in the CIB proposal.

Brett Prevedel
435-823-0500

On Tue, Jan 26, 2016 at 5:04 PM, Troy D. Ostler <troyostler@civcoengineering.com> wrote:

Brent,

Just following up to see if you have a total cost for the Rock Point and Highline/Upper canal projects.

I just need to get this cost to Heather at Uintah County.

Thanks,

Troy D. Ostler, PE

CIVCO Engineering, Inc.

PO Box 1758

1256 West 400 South

Vernal, Utah 84078

Cost by Pipe Size

18"	24"	30"	36"	42"	48"	54"	60"	66"	72"
		$ 16,444.98							
$ 4,211.50									
		$ 16,444.98							
					$ 57,590.83				
									$ 169,7
		$ 16,444.98							
	$ 9,069.98								
		$ 16,444.98							
		$ 16,444.98							
	$ 9,069.98								
		$ 16,444.98							
					$ 57,590.83				
					$ 57,590.83				
					$ 57,590.83				
					$ 57,590.83				
	$ 9,069.98								
		$ 16,444.98							
	$ 9,069.98								
		$ 16,444.98							
							$ 104,419.14		
							$ 104,419.14		
					$ 57,590.83				
					$ 57,590.83				
					$ 57,590.83				
$ 4,211.50									
				$ 40,337.43					
						$ 78,842.45			
			$ 26,741.36						
	$ 9,069.98								
				$ 40,337.43					
					$ 57,590.83				
						$ 78,842.45			
						$ 78,842.45			
						$ 78,842.45			
			$ 26,741.36						
			$ 26,741.36						
			$ 26,741.36						
						$ 78,842.45			
					$ 57,590.83				
		$ 16,444.98							
						$ 78,842.45			
						$ 78,842.45			
						$ 78,842.45			
						$ 78,842.45			
							$ 104,419.14		
									$ 424,4
								$ 134,635.80	
						$ 78,842.45			
$ 8,423.00	**$ 45,349.92**	**$ 148,004.80**	**$ 106,965.43**	**$ 80,674.85**	**$ 575,908.33**	**$ 788,424.46**	**$ 313,257.41**	**$ 134,635.80**	**$ 594,2**

594,289.5

2,795,933.59

Item	Approximate Location	Recommended Action	Estimated Cost (2008)	Estimated Cost (2015) Cumulative Inflation Factor 1.17	Estimated Cost (2015) Cumulative Inflation Factor 1.26
68	4000 West, 1500 North (Coalmine Basin)	Construct Large Debris Basin	$ 937,796.30	$ 1,097,221.67	$ 1,181,623.34
69	400 West and 2000 North	Construct Large Debris Basin	$ 769,258.70	$ 900,032.68	$ 969,265.96
70	1500 South above Highline Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
71	3000 South above Highline Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
72	3300 South above Highline Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
73	3700 South above Highline Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
74	4000 South above Upper Ashley Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
75	5000 South above Upper Ashley Canal	Construct Small Debris Basin	$ 31,727.48	$ 37,121.15	$ 39,976.62
76	3300 North, 750 East	Construct Large Debris Basin	$ 832,460.30	$ 973,978.55	$ 1,048,899.98
77	1200 East, 2900 North	Construct Large Debris Basin	$ 692,012.30	$ 809,654.39	$ 871,935.50
78	2850 East, 1500 North	Construct Large Debris Basin	$ 709,568.30	$ 830,194.91	$ 894,056.06
79	500 South, 3200 East	Construct Large Debris Basin	$ 797,348.30	$ 932,897.51	$ 1,004,658.86
80	1400 South, 3900 East	Construct Large Debris Basin	$ 639,344.30	$ 748,032.83	$ 805,573.82
81	2400 West and 700 North	Construct Detention Pond	$ 140,954.73	$ 164,917.03	$ 177,602.96
82	1750 West and 350 North	Construct Detention Pond	$ 144,465.93	$ 169,025.14	$ 182,027.07
83	1200 West and 1000 North	Construct Detention Pond	$ 126,909.93	$ 148,484.62	$ 159,906.51
84	1580 West and 475 South	Construct Detention Pond	$ 109,353.93	$ 127,944.10	$ 137,785.95
85	1560 West and 300 South	Construct Detention Pond	$ 126,909.93	$ 148,484.62	$ 159,906.51
86	Ashley Central Canal at 1200 West and 1200 South	Construct Detention Pond	$ 91,797.93	$ 107,403.58	$ 115,665.39
87	Ashley Central Canal at 300 West and 2700 South	Construct Detention Pond	$ 197,133.93	$ 230,646.70	$ 248,388.75
88	800 East and 1100 South	Construct Detention Pond	$ 232,245.93	$ 271,727.74	$ 292,629.87
89	800 East and 1600 South	Construct Detention Pond	$ 214,689.93	$ 251,187.22	$ 270,509.31
90	HWY 40 and 1200 South	Construct Detention Pond	$ 214,689.93	$ 251,187.22	$ 270,509.31
91	HWY 40 and 1700 South	Construct Detention Pond	$ 197,133.93	$ 230,646.70	$ 248,388.75
92	2000 East and 1200 South	Construct Detention Pond	$ 232,245.93	$ 271,727.74	$ 292,629.87
93	2000 East and 1750 South	Construct Detention Pond	$ 407,805.93	$ 477,132.94	$ 513,835.47

$ 9,365,254.79

94	Highline/Upper Ashley Canal from US191 to ~ 4000 South	Constuct Storm Water Canal	$ 3,391,766.00	$ 3,968,366.22	$ 4,273,625.16
95	Ashley Central Canal from 300 S to 2500 S	Constuct Storm Water Canal	$ 1,017,556.40	$ 1,190,540.99	$ 1,282,121.06
96	US-191 & 4000 W to 3000 W & Ashley Creek	Constuct Storm Water Canal	$ 1,356,999.00	$ 1,587,688.83	$ 1,709,818.74
	Misc.	Restore Natural Channel	$ 1,596,000.00	$ 1,867,320.00	$ 2,010,960.00
TOTAL			$ 15,366,812.67	$ 17,979,170.82	$ 19,362,183.96