

APPENDIX F

ACHD DBIP Cost Estimates

DBIP Alley Maintenance Costs

Street ID	Section ID	Road Name	Beg Location	End Location	Begin Point	End Point	Lanes	Functional Class	Length	Width	Area	Slab Length	Slab Width	# of Slabs	CulDeSac	Surface Type	Year Constructed	Original Construction	General Code	ADT	Area ID	Shoulder Width
B09010	006000	BANNOCK ST. ALLEY - B09010ALLEY	16TH ST.	14TH ST.			1	O - Other	679	14	9506	0	0	0	0	A - AC	11/30/2002	11/30/2002	AL - ALLEY	50	BC - BOISE	
B09010	007000	BANNOCK ST. ALLEY - B09010ALLEY	14TH ST.	13TH ST.			1	O - Other	330	13	4290	0	0	0	0	G - GRAVEL	1/1/1987	1/1/1987	AL - ALLEY	50	BC - BOISE	
B09010	007250	BANNOCK ST. ALLEY - B09010ALLEY	13TH ST. N.	12TH ST. N.			1	O - Other	338	15	5070	0	0	0	0	A - AC	7/3/1998	7/3/1998	AL - ALLEY	0	BC - BOISE	0
B09010	008000	BANNOCK ST. ALLEY - B09010ALLEY	N. 10TH ST.	8TH ST			1	O - Other	654	15	9810	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
B09010	009000	BANNOCK ST. ALLEY - B09010ALLEY	6TH ST	2ND ST			1	O - Other	1377	15	20655	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
F39210	001000	FRONT ST. ALLEY - F392101000	16TH ST.	14TH ST.			1	O - Other	653	15	9795	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	20	BC - BOISE	
F39210	002000	FRONT ST. ALLEY - F392102000	14TH ST.	12TH ST.			1	O - Other	682	15	10230	0	0	0	0	O - AC/AC	7/2/2007	1/1/1987	AL - ALLEY	20	BC - BOISE	
F39210	003000	FRONT ST. ALLEY - F392103000	12TH ST.	11TH ST.			1	O - Other	333	15	4995	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	20	BC - BOISE	
F39210	004000	FRONT ST. ALLEY - F392104000	CAPITOL BLVD.	6TH ST.			1	O - Other	332	15	4980	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	20	BC - BOISE	
F39210	005000	FRONT ST. ALLEY - F392105000	6TH ST.	5TH ST			1	O - Other	340	16	5440	0	0	0	0	A - AC	11/30/2002	11/30/2002	AL - ALLEY	20	BC - BOISE	
F39210	006000	FRONT ST. ALLEY - F392106000	5TH ST.	E. END			1	O - Other	265	16	4240	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	20	BC - BOISE	
G48410	001000	GROVE ST. ALLEY - G484101000	16TH ST	15TH ST			1	O - Other	323	15	4845	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	50	BC - BOISE	
G48410	002000	GROVE ST. ALLEY - G484102000	15TH ST.	13TH ST.			1	O - Other	662	16	10592	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
G48410	003000	GROVE ST. ALLEY - G484103000	11TH ST.	10TH ST.			1	O - Other	335	20	6700	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
G48410	004000	GROVE ST. ALLEY - G484104000	CAPITOL BLVD.	3RD ST.			1	O - Other	1353	20	27060	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
I01810	008000	IDAHO ST. ALLEY - I01810ALLY	N. 15TH ST.	N. 14TH ST.			1	O - Other	341	15	5115	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
I01810	008500	IDAHO ST. ALLEY - I01810ALLY	13TH ST.	12TH ST.			1	O - Other	335	15	5025	0	0	0	0	A - AC	6/1/1990	6/1/1990	AL - ALLEY	0	BC - BOISE	0
I01810	009000	IDAHO ST. ALLEY - I01810ALLY	N. 10TH ST	N. 3RD ST			1	O - Other	2379	15	35685	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
J06310	006000	JEFFERSON ST. AL - J06310ALY	15TH ST.	13TH ST.			1	O - Other	681	15	10215	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
J06310	007000	JEFFERSON ST. AL - J06310ALY	12TH ST.	8TH ST.			1	O - Other	1310	20	26200	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
J06310	008000	JEFFERSON ST. AL - J06310ALY	N 3RD ST.	N 1ST ST.			1	O - Other	679	18	12222	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
M05410	006500	MAIN ST. ALLEY - M05410ALLY	15TH ST. N.	14TH ST. N.			1	O - Other	335	15	5025	0	0	0	0	A - AC	7/3/1998	7/3/1998	AL - ALLEY	0	BC - BOISE	0
M05410	007000	MAIN ST. ALLEY - M05410ALLY	N. 14TH ST.	N. 13TH ST.			1	O - Other	340	15	5100	0	0	0	0	G - GRAVEL	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
M05410	008000	MAIN ST. ALLEY - M05410ALLY	N. 12TH ST.	N. 9TH ST			1	O - Other	1001	15	15015	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	20	BC - BOISE	
M05410	009000	MAIN ST. ALLEY - M05410ALLY	N. 6TH ST	N. 3RD ST			1	O - Other	1027	15	15405	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	
M05410	010000	MAIN ST. ALLEY - M05410ALLY	N. 2ND ST	MAIN ST			1	O - Other	721	15	10815	0	0	0	0	A - AC	1/1/1987	1/1/1987	AL - ALLEY	10	BC - BOISE	

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DBIP Alley Maintenance Costs

Street ID	Section ID	Road Name	Fund Source	ParkingLot	PCI Date	PCI	Traffic Index	Comments	TRS	Eyebrows	Count	MRMP	Maint. Zones	Downtown	Exclude from Centerline	Last Modified	Estimate @ \$14/yd ²
B09010	006000	BANNOCK ST. ALLEY - B09010ALLEY	DT - DOWN TOWN CORE		7/1/2008	75		Dig out and Chipseal	3N2E03				DT	1	0	11/17/2009 5:39 AM	\$ 14,787
B09010	007000	BANNOCK ST. ALLEY - B09010ALLEY	DT - DOWN TOWN CORE			0			3N2E03				DT	1	0	4/7/2009 2:11 PM	\$ 6,673
B09010	007250	BANNOCK ST. ALLEY - B09010ALLEY	DT - DOWN TOWN CORE		7/3/2008	45	0	Mill and Overlay	3N2E03				DT	1	0	11/17/2009 5:38 AM	\$ 7,887
B09010	008000	BANNOCK ST. ALLEY - B09010ALLEY	DT - DOWN TOWN CORE		7/1/2008	61		MILL AND OVERLAY 8TH ST TO 9TH ST ONLY	3N2E10				DT	1	0	11/19/2009 3:24 PM	\$ 15,260
B09010	009000	BANNOCK ST. ALLEY - B09010ALLEY	DT - DOWN TOWN CORE		7/1/2008	40		MILL AND OVERLAY	3N2E10				DT	1	0	11/19/2009 3:24 PM	\$ 32,130
F39210	001000	FRONT ST. ALLEY - F392101000	DT - DOWN TOWN CORE		7/2/2008	59		Mill and Overlay	3N2E04				DT	1	0	11/18/2009 1:31 PM	\$ 15,237
F39210	002000	FRONT ST. ALLEY - F392102000	DT - DOWN TOWN CORE		7/2/2008	100			3N2E10				DT	1	0	7/22/2003 2:06 PM	\$ 15,913
F39210	003000	FRONT ST. ALLEY - F392103000	DT - DOWN TOWN CORE		7/2/2008	67		CHIPSEAL	3N2E10				DT	1	0	11/19/2009 3:27 PM	\$ 7,770
F39210	004000	FRONT ST. ALLEY - F392104000	DT - DOWN TOWN CORE		7/2/2008	66		MILL AND OVERLAY	3N2E10				DT	1	0	11/19/2009 3:27 PM	\$ 7,747
F39210	005000	FRONT ST. ALLEY - F392105000	DT - DOWN TOWN CORE		7/2/2008	85			3N2E10				DT	1	0	7/23/2003 10:24 AM	\$ 8,462
F39210	006000	FRONT ST. ALLEY - F392106000	DT - DOWN TOWN CORE		7/2/2008	100			3N2E10				DT	1	0	7/22/2003 2:14 PM	\$ 6,596
G48410	001000	GROVE ST. ALLEY - G484101000	DT - DOWN TOWN CORE		8/22/2008	64		Mill and Overlay	3N2E03				DT	1	0	4/12/2011 7:09 AM	\$ 7,537
G48410	002000	GROVE ST. ALLEY - G484102000	DT - DOWN TOWN CORE		7/2/2008	42		Mill and Overlay	3N2E03				DT	1	0	11/17/2009 10:19 AM	\$ 16,476
G48410	003000	GROVE ST. ALLEY - G484103000	DT - DOWN TOWN CORE		7/2/2008	85			3N2E10				DT	1	0	8/25/2003 4:50 PM	\$ 10,422
G48410	004000	GROVE ST. ALLEY - G484104000	DT - DOWN TOWN CORE		7/2/2008	74		CHIPSEAL	3N2E10				DT	1	0	11/19/2009 3:28 PM	\$ 42,093
I01810	008000	IDAHO ST. ALLEY - I01810ALLY	DT - DOWN TOWN CORE		7/1/2008	37		Mill and Overlay	3N2E03				DT	1	0	11/17/2009 10:23 AM	\$ 7,957
I01810	008500	IDAHO ST. ALLEY - I01810ALLY	DT - DOWN TOWN CORE		7/1/2008	24	0	Mill and overlay	3N2E03				DT	1	0	11/17/2009 10:24 AM	\$ 7,817
I01810	009000	IDAHO ST. ALLEY - I01810ALLY	DT - DOWN TOWN CORE		7/2/2008	43		MILL AND OVERLAY	3N2E10				DT	1	0	11/24/2009 1:48 PM	\$ 55,510
J06310	006000	JEFFERSON ST. AL - J06310ALY	DT - DOWN TOWN CORE		7/1/2008	73		Chipseal	3N2E03				DT	1	0	11/17/2009 10:25 AM	\$ 15,890
J06310	007000	JEFFERSON ST. AL - J06310ALY	DT - DOWN TOWN CORE		7/1/2008	48		8th St to 10th St - Chipseal, 10th St to 12th St Overlay	3N2E03				DT	1	0	11/17/2009 10:26 AM	\$ 40,756
J06310	008000	JEFFERSON ST. AL - J06310ALY	DT - DOWN TOWN CORE		7/2/2008	47		MILL AND OVERLAY	3N2E11				DT	1	0	11/24/2009 1:51 PM	\$ 19,012
M05410	006500	MAIN ST. ALLEY - M05410ALLY	DT - DOWN TOWN CORE		7/3/2008	51	0	Mill and Overlay	3N2E03				DT	1	0	11/17/2009 10:27 AM	\$ 7,817
M05410	007000	MAIN ST. ALLEY - M05410ALLY	DT - DOWN TOWN CORE		6/4/1999	0			3N2E03				DT	1	0	6/4/1999 7:26 AM	\$ 7,933
M05410	008000	MAIN ST. ALLEY - M05410ALLY	DT - DOWN TOWN CORE		7/2/2008	70		CHIPSEAL	3N2E10				DT	1	0	11/24/2009 1:49 PM	\$ 23,357
M05410	009000	MAIN ST. ALLEY - M05410ALLY	DT - DOWN TOWN CORE		7/1/2008	33		MILL AND OVERLAY	3N2E10				DT	1	0	11/24/2009 1:49 PM	\$ 23,963
M05410	010000	MAIN ST. ALLEY - M05410ALLY	DT - DOWN TOWN CORE		7/2/2008	46		MILL AND OVERLAY	3N2E10				DT	1	0	11/24/2009 1:49 PM	\$ 16,823

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DBIP Roadway Maintenance Costs

Street ID	Section ID	Road Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	ADT	PCI Date	PCI	Maint. Zones	Downtown	Estimate @ \$18/yd ²	Possible Rebuild @ \$35/yd ²	No work at this time (DEFERRED)	Construction Year	2014	2015	2016	2017	2018	2019	DBIP TOTAL	Remarks					
L24300	001000	LEE ST. - L243001000	ASH ST.	S 11TH ST.	2	R - Residential/Loca	403	30	12090	1000	6/16/2011	98	4	1			\$ 24,180							\$ 24,180							
L24300	002000	LEE ST. - L243002000	S 10TH ST.	S 9TH ST.	2	R - Residential/Loca	347	38	13186	100	6/16/2011	81	4	1	\$ 26,372			2019					\$ 26,372	\$ 26,372							
M05400	006000	MAIN ST. - M05400ST	N 10TH ST.	N 9TH ST.	3	A - Arterial	335	45	15075	10125	5/17/2011	74	DT	1	\$ 30,150			2017					\$ 30,150	\$ 30,150							
M05400	007000	MAIN ST. - M05400ST	N 9TH ST.	CAPITOL BLVD.	3	A - Arterial	718	44	31592	9372	5/17/2011	79	DT	1	\$ 63,184			2017				\$ 63,184	\$ 63,184	2017 CCDC central district sunsets							
M05400	008000	MAIN ST. - M05400ST	CAPITOL BLVD.	N 6TH ST.	3	A - Arterial	347	49	17003	10067	5/17/2011	55	DT	1	\$ 66,123	\$ 66,123		2014	\$ 66,123					\$ 66,123	CCDC streetscape 2014						
M05400	009000	MAIN ST. - M05400ST	N 6TH ST.	BROADWAY AVE.	2	A - Arterial	2581	44	113564	7862	5/17/2011	59	DT	1	\$ 227,128			2014	\$ 227,128					\$ 227,128	CCDC streetscape 2014						
M52700	001000	MILLER ST. - M52700ST	GRAND ST.	S 9TH ST.	2	R - Residential/Loca	1155	30	34650	2000	6/16/2011	61	4	1	\$ 69,300			2019					\$ 69,300	\$ 69,300							
R48800	001000	RIVER ST. - R488001000	17TH ST.	AMERICANA BLVD.	4	R - Residential/Loca	465	63	29295	14327	6/16/2011	87	4	1		\$ 58,590								\$ 58,590							
R48800	002000	RIVER ST. - R488002000	AMERICANA BLVD.	N 12TH ST.	5	C - Collector	1366	61	83326	14040	5/31/2011	81	4	1	\$ 166,652			2015		Federal Aid				Federal Aid							
R48800	003000	RIVER ST. - R488003000	N 12TH ST.	N 9TH ST.	2	C - Collector	1722	45	77490	14935	5/31/2011	77	4	1	\$ 154,980			2015		Federal Aid				Federal Aid							
R48800	004000	RIVER ST. - R488004000	N 9TH ST.	CAPITOL BLVD.	2	C - Collector	649	46	29854	8430	5/31/2011	77	4	1	\$ 59,708			2019					\$ 59,708	\$ 59,708							
S80800	001000	SPA ST. - S808001000	S 15TH ST.	S 14TH ST.	2	R - Residential/Loca	475	34	16150	50	6/16/2011	68	4	1	\$ 32,300			2019					\$ 32,300	\$ 32,300							
SA0200	011000	STATE ST. E. - SA0200STE	16TH ST.	8TH ST.	4	A - Arterial	3040	44	133760	22837	5/14/2011	72	5	1	\$ 267,520			2017						\$ 267,520	CCDC streetscape						
SA0200	012000	STATE ST. E. - SA0200STE	N 8TH ST.	N 4TH ST.	2	A - Arterial	1516	39	59124	9562	5/17/2011	68	5	1	\$ 118,248			2017						\$ 118,248	CCDC streetscape						
SA0200	013000	STATE ST. E. - SA0200STE	N. 4TH ST.	N. 1ST ST.	2	A - Arterial	1109	39	43251	9342	5/17/2011	74	5	1	\$ 86,502			2017						\$ 86,502	CCDC streetscape						
PROPOSED TWO-WAY CONVERSION							15.26 Miles									\$ 6,113,640	\$ 1,157,224								\$ 782,989	\$ 1,036,038	\$ 528,600	\$ 860,436	\$ 1,301,604	\$ 1,326,536	

Note: Overlay or Rebuild will need to be determined at design phase.

DBIP Mini-roundabout Costs

Intersection	Estimate	2014	2015	2016	2017	2018	2019	Remarks
3rd and Bannock	\$ 150,000	\$150,000						Pilot miniroundabout
3rd and Jefferson	\$ 150,000			\$ 61,800				With Jefferson St overlay/rebuild in 2016, cost is differential between MR and PHB
10th and Grove	\$ 50,000			\$ 50,000				Assumes most costs born by CCDC project; go with 10th Street maintenance work in 2016
11th and Grove	\$ 50,000					\$ 50,000		Assumes most costs born by CCDC project
12th and Grove	\$ -					\$ -		Estimated signal costs of \$151,000 included in Signal Work sheet; possible 2012 project with 12th St maintenance if CCDC wants it
12th and Bannock	\$ 150,000		\$150,000					Miniroundabout #2; have ready for shelf in 2014
13th and Jefferson	\$ 150,000			\$150,000				Alternative to bike lanes on Jefferson west of 13th
14th and Grove	\$ 50,000		\$ 50,000					Assumes most costs born by CCDC project; try to do in 2015 with 2-way conversion & streetscape work
TOTALS		\$150,000	\$200,000	\$261,800	\$ -	\$ 50,000	\$ -	

DBIP Intersection/Signal Costs

Street	Intersection	Intersection Control	Marked Crosswalk Locations	Luminaire Needs (Y/N)?	Signal Needs (Y/N?)	Signal/Lighting Material	Signal Construction	Consultant Design (705)	ROW (703)	Striping / Signage	2014	2015	2016	2017	2018	Notes
3rd	3rd and State	TWSC	W	N	Y	\$35,000	\$20,000	\$17,500		\$1,000				\$88,200		Signal costs include PHB installation; misc. striping/signing costs include crosswalks and other minor changes.
3rd	3rd and Jefferson	OWSC	None	N	Y	\$35,000	\$20,000	\$17,500		\$1,000			\$88,200			Signal costs include PHB installation; misc. striping/signing costs include an add'l SB stop sign and other minor changes (marked crosswalks all legs). Need to estimate costs for possible mini-roundabout.
3rd	3rd and Bannock	OWSC	N, E, S, W	N	N	\$0	\$0	\$2,500		\$500	\$3,600					Misc. striping/signing costs include an add'l SB stop sign and other minor changes. Need to determine cost of mini-roundabout in 2014
3rd	3rd and Idaho	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$12,500		\$500	\$45,600					Signal costs include a pole/mast arm for SB traffic on SW corner and APS installation; misc. striping/signing costs include minor modifications.
3rd	3rd and Main	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$12,500		\$500	\$45,600					Signal costs include a pole/mast arm for SB traffic on SW corner and APS installation; misc. striping/signing costs include minor modifications.
4th	4th and State	TWSC	N, E, S	Y	N	\$3,000	\$5,000	\$4,000		\$500	\$15,000					Lighting costs include luminaire pole/mast arm; misc. striping/signing costs include minor modifications (marked crosswalk on W leg).
4th	4th and Jefferson	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$500	\$3,600					Misc. striping/signing costs include an add'l NB stop sign and other minor changes. Possible mini-roundabout location?
4th	4th and Bannock	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$500	\$3,600					Misc. striping/signing costs include an add'l NB stop sign and other minor changes.
4th	4th and Idaho	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$500	\$3,600					Misc. striping/signing costs include an add'l NB stop sign and other minor changes.
4th	4th and Main	TWSC	N, E, S, W	N	N	None	None	\$1,500		\$500	\$2,400					Misc. striping/signing costs include minor modifications.
11th	11th and State	Signal	N, E, S, W	N	Y	\$2,500	\$1,500	\$4,000		\$500	\$10,200					Signal costs include minor modifications to signal heads/mast arm signage; misc. striping/signing costs include minor modifications.
11th	11th and Jefferson	Signal	N, E, S, W	N	Y	None	None	\$2,000		\$500	\$3,000					Signal costs included in 11th St. estimates; misc. striping/signing costs include minor modifications.
11th	11th and Bannock	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$500	\$48,600					Signal costs include a pole/mast arm for SB traffic on SW corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.
11th	11th and Idaho	Signal	N, E, S, W	N	Y	\$10,000	\$7,500	\$10,000		\$500	\$33,600					Signal costs include a pole/mast arm for SB traffic on SW corner and APS installation (ex. Luminaire pole on this corner currently can likely accommodate new mast arm); misc. striping/signing costs include minor modifications.
11th	11th and Main	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$500	\$48,600					Signal costs include a pole/mast arm for SB traffic on SW corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.
12th	12th and State	TWSC	N, E, S, W	Y	Y	\$60,000	\$35,000	\$30,000		\$1,000				\$151,200		Signal costs include full signal installation (including appropriate lighting); misc. striping/signing costs include crosswalks and other minor changes.
12th	12th and Jefferson	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$1,000	\$4,200					Bulb out project to be constructed summer 2013; misc. striping/signing costs include crosswalks and other minor changes.

DBIP Intersection/Signal Costs

Street	Intersection	Intersection Control	Marked Crosswalk Locations	Luminaire Needs (Y/N)?	Signal Needs (Y/N?)	Signal/Lighting Material	Signal Construction	Consultant Design (705)	ROW (703)	Striping / Signage	2014	2015	2016	2017	2018	Notes
12th	12th and Bannock	AWSC	N, E, S, W	N	N	None	None	\$2,500		\$1,000	\$4,200					Misc. striping/signing costs include an add'l NB stop sign and other minor changes. Need to estimate costs for possible mini-roundabout.
12th	12th and Idaho	Signal	N, E, S, W	N	Y	\$10,000	\$7,500	\$10,000		\$500	\$33,600					Signal costs include add'l mast arm for NB traffic (ex. Signal pole can likely accommodate) and APS installation; misc. striping/signing costs include other minor changes.
12th	12th and Main	Signal	N, E, S, W	N	Y	\$10,000	\$7,500	\$10,000		\$500	\$33,600					Signal costs include add'l mast arm for NB traffic (ex. Signal pole can likely accommodate) and APS installation; misc. striping/signing costs include other minor changes.
12th	12th and Grove	OWSC	N, E, S, W	N	Y	\$60,000	\$35,000	\$30,000		\$1,000			\$151,200			Signal costs include full signal installation (including appropriate lighting); misc. striping/signing costs include crosswalks and other minor change. Need to estimate costs for possible mini-roundabout.
13th	13th and State	Signal			Y	\$2,500	\$1,500	\$4,000		\$500		\$10,200				Costs based on estimates from 11th Street conversion
13th	13th and Jefferson	Signal			Y	None	None	\$2,000		\$500		\$3,000				Costs based on estimates from 11th Street conversion
13th	13th and Bannock	Signal			Y	\$15,000	\$10,000	\$15,000		\$500		\$48,600				Costs based on estimates from 11th Street conversion
13th	13th and Idaho	Signal			Y	\$10,000	\$7,500	\$10,000		\$500		\$33,600				Costs based on estimates from 11th Street conversion
13th	13th and Main	Signal			Y	\$15,000	\$10,000	\$15,000		\$500		\$48,600				Costs based on estimates from 11th Street conversion
14th	14th and State	TWSC	E, S, W	N	Y	\$60,000	\$35,000	\$30,000		\$1,000				\$151,200		Signal costs include full signal installation (including appropriate lighting); misc. striping/signing costs include crosswalks and other minor changes.
14th	14th and Jefferson	OWSC	N, E, S, W	Y	N	\$3,000	\$5,000	\$4,000		\$1,000		\$15,600				Ex. Luminaire is a small "shoebox" on NE corner, recommend installation of better lighting. Misc. striping/signing costs include an add'l NB stop sign and other minor changes. Possible mini-roundabout location?
14th	14th and Bannock	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$1,000		\$4,200				Misc. striping/signing costs include an add'l NB stop sign and other minor changes.
14th	14th and Idaho	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$12,500		\$500		\$45,600				Signal costs include a pole/mast arm for NB traffic on NE corner and APS installation; misc. striping/signing costs include minor modifications.
14th	14th and Main	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$12,500		\$500		\$45,600				Signal costs include a pole/mast arm for NB traffic on NE corner and APS installation; misc. striping/signing costs include minor modifications.
Jefferson	1st and Jefferson	AWSC	N, E, S, W	N	Y	None	None	\$2,000		\$500	\$3,000					Misc. striping/signing costs include an add'l EB stop sign and other minor changes.
Jefferson	2nd and Jefferson	TWSC	N, S	N	N	None	None	\$2,000		\$500	\$3,000					Misc. striping/signing costs include an add'l EB stop sign and other minor changes.
Jefferson	3rd and Jefferson	TWSC	None	N	N	None	None	\$2,000		\$500	\$3,000					Most costs for conversion included on 3rd St. estimates. Misc. striping/signing costs include an add'l EB stop sign and other minor changes. Need cost estimate for mini-roundabout
Jefferson	4th and Jefferson	TWSC	N, E, S, W	N	N	None	None	\$2,000		\$500	\$3,000					Most costs for conversion included on 4rd St. estimates. Misc. striping/signing costs include an add'l EB stop sign and other minor changes. Possible mini-roundabout location?
Jefferson	5th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$12,500		\$500			\$45,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.

DBIP Intersection/Signal Costs

Street	Intersection	Intersection Control	Marked Crosswalk Locations	Luminaire Needs (Y/N)?	Signal Needs (Y/N?)	Signal/Lighting Material	Signal Construction	Consultant Design (705)	ROW (703)	Striping / Signage	2014	2015	2016	2017	2018	Notes
Jefferson	6th and Jefferson	Signal	N, E, S, W	N	Y	\$10,000	\$7,500	\$10,000		\$500			\$33,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. pole on this corner currently can likely accommodate new mast arm); misc. striping/signing costs include minor modifications.
Jefferson	8th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$15,000			\$66,000			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications and removal of raised concrete curb between 6th and
Jefferson	9th and Jefferson	Signal	N, E, S, W	N	Y	\$10,000	\$7,500	\$10,000		\$500			\$33,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can likely accommodate new mast arm); misc. striping/signing costs include minor modifications.
Jefferson	10th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$500			\$48,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (no pole here currently); misc. striping/signing costs include minor modifications.
Jefferson	11th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$2,500			\$51,000			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.
Jefferson	12th and Jefferson	OWSC	N, E, S, W	N	N	None	None	\$2,500		\$500			\$3,600			Bulb out project to be constructed summer 2013; misc. striping/signing costs include crosswalks and other minor changes.
Jefferson	13th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$500			\$48,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.
Jefferson	14th and Jefferson	OWSC	N, E, S, W	N	N	None	None	\$2,000		\$500			\$3,000			Misc. striping/signing costs include an add'l EB stop sign and other minor changes.
Jefferson	15th and Jefferson	Signal	N, E, S, W	N	Y	\$15,000	\$10,000	\$15,000		\$500			\$48,600			Signal costs include a pole/mast arm for EB traffic on SE corner and APS installation (ex. Luminaire pole on this corner currently can not accommodate new mast arm); misc. striping/signing costs include minor modifications.
Jefferson	16th and Jefferson	Signal	N, E, S, W	N	Y	\$2,500	\$1,500	\$4,000		\$500			\$10,200			Signal costs include minor modifications to signal heads/mast arm signage; misc. striping/signing costs include minor modifications.
Bannock	Bannock & 8th	Signal	N, E, S, W			\$15,000	\$46,000	\$12,000			\$73,000					APS upgrade
Bannock	Bannock & Capitol	Signal	N, E, S, W			\$15,000	\$42,000	\$10,000	\$2,000		\$69,000					APS upgrade
											\$496,600	\$255,000	\$631,800	\$390,600	\$0	

DBIP Yearly Project Totals

Year	2014	2015	2016	2017	2018	2019
Signal Work	\$ 496,600	\$ 255,000	\$ 631,800	\$ 390,600	\$ -	\$ -
Maintenance Work	\$ 782,989	\$ 1,036,038	\$ 528,600	\$ 860,436	\$1,301,604	\$ 1,326,536
Roundabout Work	\$ 150,000	\$ 200,000	\$ 261,800	\$ -	\$ 50,000	\$ -
TOTAL	\$ 1,429,589	\$ 1,491,038	\$ 1,422,200	\$ 1,251,036	\$1,351,604	\$ 1,326,536