

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Haines Borough****Federal Tax ID: 47-0888706****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Haines Borough - Road Rehabilitation and Maintenance Phase III

State Funding Requested: \$8,340,000**House District: 5 / C**

One-Time Need

Brief Project Description:

Phased Project to rehabilitate and upgrade approximately 5 miles of townsite and 8 miles of rural collector roads.

Funding Plan:

Total Project Cost:	\$9,980,000
Funding Already Secured:	(\$1,640,000)
FY2012 State Funding Request:	<u>(\$8,340,000)</u>
Project Deficit:	\$0

Funding Details:

Phase I was partially funded by the FY09 Legislature with an appropriation of \$1,500,000.

Revenue in hand includes fund balances from projects previously funded by ADEC/ADWF (\$60,000)(A/C Pipe Replacement FY10, ADWF#395071) and the Department of Commerce, Community & Economic Development (FY07), Beach Road Force main(Fund Balance \$80,000).

A request for \$1,000,000 from the Denali Commission (FHWA funds) is currently under consideration FY12).

Detailed Project Description and Justification:

This project began in 2007 when the Haines Borough contracted PND Engineers, Inc. to schedule the rehabilitation of 10,120 lf of the oldest collector roads in the Haines Townsite. Typically, these roads are in poor condition, lack sidewalks and have inadequate drainage. The project was expanded to include 2,500 lf of road in the Portage Cove Area Meriting Special Attention serving the Portage Cove Cruise Ship Dock, and street widening and paving in newer neighborhoods, circa 1960-70. The project also includes approximately 8 miles of rural road in the Mosquito Lake Road Maintenance Service Area (RMSA) and Chilkat Lake RMSA. Within the townsite, the project is being coordinated with ADEC ADWF projects to replace asbestos waterline. The project is phased as follows:

Phase I (Completed FY09): Street repairs, drainage, install curb and gutter, pave Upper Dalton, 700 lf ea. of 4th, 5th and 6th Avenues, 1100 lf of FAA Road, and 500 lf Tower Road. (\$1.6 million)

Phase II consists of these components: (1) Third Ave., First Ave., Mission St. and Willard St.: repair streets, drainage, rehabilitate existing ditches, install curb and gutter and replace existing sidewalks, pave. \$1.7 million [Note: Asbestos waterpipe has been replaced in First Ave., Mission St. and Willard St.; engineering is complete.]; and (2) Riverview Road, RMSA, 1.5 miles: widen, rehabilitate ditches and gravel-surface. \$105,000

****Phase III consists of these components: (1) View, LynnView and 4th Avenue: repair streets, drainage, install curb and gutter, new sidewalk on LynnView, pave. \$1.1 million. We expect to have the asbestos waterline in these streets replaced with ADEC ADWF funds by June 30, 2011. Engineering is complete. (2) Eagle Bluff and Corrina Drive, RMSA, 1.4 miles: widen, rehabilitate ditches and gravel-surface. \$105,000 (3)Chilkat Lake Road (5.3 miles): Structural repairs, recondition shoulder ditches, chip coat resurface \$770,000.****

Phase IV consists of these components: (1) Tower Road (1653 lf), Blacksmith St. (227 lf), and Totem St. (628 lf). These roads were originally built as Ft. Seward and are narrow. They lack adequate ditching; storm drains are needed, as the runoff seriously erodes intersections where water pools in summer and ices in winter. Project funds will engineer, construct to widen, recondition subgrade, replace culvert, install storm drains, pave. \$1.8 million.

Phase V. Bjornstad, Muncaster, Oslund, Highland and Skyline drives: widen Bjornstad, realign strategic intersection, culvert extension, regrade, pave: This road system (13,240 lf) serves a residential neighborhood that has seen steady growth over several decades. \$2.9 million

Project Timeline:

FY12 - Phase II, Phase III Construction: \$3.01 million

FY13 - Phase IV Engineering and Construction: \$2.57 million

FY14 - Phase V Engineering and Construction: \$2.9 million

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Haines Borough Assembly and various rural Road Maintenance Service Area Boards

Grant Recipient Contact Information:

Name: Mark Earnest
 Title: Borough Manager
 Address: 103 Third Avenue South
 Haines, Alaska 99827
 Phone Number: (907)766-2231
 Email: mearnest@haines.ak.us

Has this project been through a public review process at the local level and is it a community priority? Yes No

A RESOLUTION OF THE HAINES BOROUGH ASSEMBLY ADOPTING THE BOROUGH'S 2011 STATE LEGISLATIVE PRIORITIES.

WHEREAS, the Haines Borough Assembly met to discuss and prioritize the Borough's 2011 legislative priorities; and

WHEREAS, it is the intent of the Assembly to provide the Alaska Governor, Legislature, and state officials adequate information to represent the needs of the Borough concerning legislative requests including necessary funding requirements,

NOW, THEREFORE BE IT RESOLVED, by the Haines Borough Assembly, Haines, Alaska:

Section 1. The following Capital Budget priorities are identified as the Haines Borough priorities for the State of Alaska for 2011:

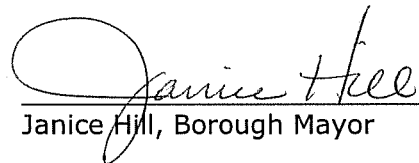
1. Haines - Road Upgrades
2. Haines - Boat Harbor Improvements
3. Haines - Lutak Port Facility Master Plan

Section 2. The following Operating Budget priorities are identified as the Haines Borough priorities for the State of Alaska for Fiscal Year 2012:

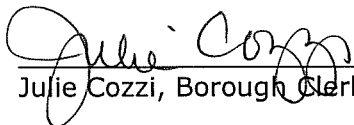
1. Municipal Revenue Sharing

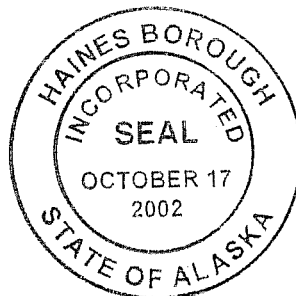
Section 3. The Borough Manager is hereby instructed to advise the Governor, Legislature, and appropriate State agencies of the Borough's legislative priorities and take all appropriate steps to provide background information and testimony in representing the Borough's best interests.

Adopted by a duly-constituted quorum of the Haines Borough Assembly on the 14th day of December, 2010.


Janice Hill, Borough Mayor

Attest:


Julie Cozzi, Borough Clerk



TRANSMITTAL

TO: Haines Borough Haines Borough Project Administrator P.O. Box 1209 Haines, Alaska 99827	DATE: 11.02.10	PND: 072071.02
	ATTENTION: Brad Maynard	
	SUBJECT: Haines Borough Street Improvements – Phase 2-PS&E Review Submittal	

We are sending you: Attached Under Separate cover via _____ the following items:

- Shop Drawings
 Prints
 Plans
 Cost Estimates Specifications
 Copy of Letter
 Change Order/DCVR

COPIES	DATE	NO.	DESCRIPTION
1	11.02.10		PS&E Design Review Plans
1	11.02.10		Cost estimates for each Item of Work

These are transmitted as checked below:

- For approval
 Approved as submitted
 Resubmit ___ copies for approval
 For your use
 Approved as noted
 Submit ___ copies for distribution
 As requested
 Returned for corrections
 Return ___ corrected prints
 Disapproved
 For review and comment

 FOR BIDS DUE:

REMARKS:

Brad:

Please see the PS&E submittal contents for your review, as requested.

Signed:


 Nicholas Moothart, E.I.T./L.S.I.T.

Cc:

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
STREET SUMMARY SHEET - November 02, 2010
BUDGET INFORMATION PS&E Design Submittal

PND Project No. 072071.02

<u>Designation</u>	<u>Street Name</u>	<u>Limits</u>	<u>Length of Repairs</u>	<u>Budget (\$1,000)</u>	<u>Borough Priority</u>
B	Third Ave	Main St. to Haines Highway	950 LF	\$581	1
C	First Ave	Main St. to Mission St.	820 LF	\$425	1
D	Mission	Third Ave to First Ave	650 LF	\$204	1
E	Willard	Second Ave to First Ave	255 LF	\$185	1
H	Haines Borough Administration Lot	New Parking Lot Paving Limits	8900 SF	\$111	1
J	Upper Third Ave.	Main St. to Union St.	750 LF	\$406	1
				\$1,912	

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc.
 Prepared on: November 02, 2010

PROJECT DESIGNATION B
THIRD AVE FROM MAIN ST. TO HAINES HWY.

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	0
202(2)	Removal of Pavement	SY	4500	\$6	\$27,000
202(3)	Removal of Sidewalk	SY	160	\$10	\$1,600
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$2,000	\$2,000
202(9)	Removal of Curb and Gutter	LF	300	\$5	\$1,500
203(3)	Unclassified Excavation	CY	550	\$12	\$6,600
203(6)	Borrow, Selected Material, Type A	TON	500	\$18	\$9,000
301(1)	Aggregate Base Course, Grading D-1	TON	1,120	\$30	\$33,600
303(3)	Ditch Reconditioning	LF	500	\$6	\$3,000
304(1)	Subbase, Grading B	TON	240	\$20	\$4,800
401(1)	Asphalt Concrete Pavement	TON	560	\$110	\$61,600
401(2)	Asphalt Cement, Grade PG 58-28	TON	34	\$1,000	\$33,600
603(1-18)	18" CSP	LF	400	\$70	\$28,000
603 (1-18S)	18" CSP-Supply Only	LF	50	\$70	\$3,500
603 (1-24)	24" CSP	LF	400	\$75	\$30,000
603 (1-24S)	24" CSP-Supply Only	LF	100	\$75	\$7,500
604(1)	Storm Sewer Manhole, Type I with Frame and Grate	EA	2	\$4,500	\$9,000
604(4)	Adjust Existing Manhole	EA	4	\$1,500	\$6,000
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	4	\$3,000	\$12,000
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	1	\$3,000	\$3,000
604 (10)	Manhole Frame and Lid-Supply Only	EA	4	\$750	\$3,000
604(11)	Area Drain	EA	1	\$1,500	\$1,500
608(1A)	Sidewalk (4"t Concrete)	SY	300	\$70	\$21,000
609 (2-R)	Curb and Gutter, Type Rolled	LF	0	\$50	\$0
609(2-S)	Curb and Gutter, Type Standard	LF	440	\$40	\$17,600
609(7-V)	Valley Gutter	LF	420	\$50	\$21,000
609(8-U)	Stand Up Curb	LF	80	\$50	\$4,000
615(6)	Sign Salvage and Reset	LS	All Req'd	\$1,000	\$1,000
618(4)	Seeding	LS	All Req'd	\$500	\$500
626(2)	Sewer Service Connection	EA	2	\$5,000	\$10,000
627(8)	Water Service connection	EA	3	\$5,000	\$15,000
627(10)	Adjustment of Valve Box	EA	2	\$700	\$1,400
627(11)	Valve Box w/Base Section-Supply Only	EA	2	\$750	\$1,500
633(1)	Silt Fence	LF	160	\$12	\$1,920
640(1)	Mobilization	LS	All Req'd	10%	\$39,097
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,500	\$1,500
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,500	\$1,500
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$3,000	\$3,000
ESTIMATED CONSTRUCTION BID PRICE					\$430,067
	Construction Contingency	LS	All Req'd	20%	\$86,013
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$64,510
TOTAL RECOMMENDED PROJECT BUDGET					\$580,590

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc.
 Prepared on: November 02, 2010

PROJECT DESIGNATION C
FIRST AVE FROM MAIN ST. TO MISSION ST.

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	\$1,000
202(2)	Removal of Pavement	SY	3030	\$6	\$18,180
202(3)	Removal of Sidewalk	SY	0	\$10	\$0
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$500	\$500
202(9)	Removal of Curb and Gutter	LF	0	\$5	\$0
203(3)	Unclassified Excavation	CY	800	\$12	\$9,600
203(6)	Borrow, Selected Material, Type A	TON	400	\$18	\$7,200
301(1)	Aggregate Base Course, Grading D-1	TON	1,200	\$30	\$36,000
303(3)	Ditch Reconditioning	LF	0	\$6	\$0
304(1)	Subbase, Grading B	TON	140	\$20	\$2,800
401(1)	Asphalt Concrete Pavement	TON	550	\$110	\$60,500
401(2)	Asphalt Cement, Grade PG 58-28	TON	33	\$1,000	\$33,000
511(1)	MSE Wall (Concrete)	SQFT	300	\$100	\$30,000
603(1-18)	18" CSP	LF	400	\$70	\$28,000
603 (1-18S)	18" CSP-Supply Only	LF	100	\$70	\$7,000
603 (1-24)	24" CSP	LF	0	\$75	\$0
603 (1-24S)	24" CSP-Supply Only	LF	0	\$75	\$0
604(1)	Storm Sewer Manhole, Type I with Frame and Grate	EA	0	\$4,500	\$0
604(4)	Adjust Existing Manhole	EA	3	\$1,500	\$4,500
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	3	\$3,000	\$9,000
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	1	\$3,000	\$3,000
604 (10)	Manhole Frame and Lid-Supply Only	EA	3	\$750	\$2,250
604(11)	Area Drain	EA	4	\$1,500	\$6,000
608(1A)	Sidewalk (4"t Concrete)	SY	0	\$70	\$0
609 (2-R)	Curb and Gutter, Type Rolled	LF	0	\$50	\$0
609(2-S)	Curb and Gutter, Type Standard	LF	0	\$40	\$0
609(7-V)	Valley Gutter	LF	120	\$50	\$6,000
609(8-U)	Stand Up Curb	LF	0	\$50	\$0
615(6)	Sign Salvage and Reset	LS	All Req'd	\$1,000	\$1,000
618(4)	Seeding	LS	All Req'd	\$1,000	\$1,000
627(8)	Water Service connection	EA	0	\$5,000	\$0
627(10)	Adjustment of Valve Box	EA	8	\$700	\$5,600
627(11)	Valve Box w/Base Section-Supply Only	EA	8	\$750	\$6,000
633(1)	Silt Fence	LF	0	\$12	\$0
640(1)	Mobilization	LS	All Req'd	10%	\$28,538
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,500	\$1,500
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,500	\$1,500
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$3,000	\$3,000
ESTIMATED CONSTRUCTION BID PRICE					\$314,918
	Construction Contingency	LS	All Req'd	20%	\$62,984
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$47,238
TOTAL RECOMMENDED PROJECT BUDGET					\$425,139

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
Prepared by: PND Engineers, Inc.
Prepared on: November 02, 2010

PROJECT DESIGNATION D
MISSION ST. FROM 3RD AVE. TO 1ST AVE.

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	\$1,000
202(2)	Removal of Pavement	SY	630	\$6	\$3,780
202(3)	Removal of Sidewalk	SY	0	\$10	\$0
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$0	\$0
202(9)	Removal of Curb and Gutter	LF	0	\$5	\$0
203(3)	Unclassified Excavation	CY	700	\$12	\$8,400
203(6)	Borrow, Selected Material, Type A	TON	0	\$18	\$0
301(1)	Aggregate Base Course, Grading D-1	TON	590	\$30	\$17,700
303(3)	Ditch Reconditioning	LF	1,200	\$6	\$7,200
304(1)	Subbase, Grading B	TON	475	\$20	\$9,500
401(1)	Asphalt Concrete Pavement	TON	310	\$110	\$34,100
401(2)	Asphalt Cement, Grade PG 58-28	TON	19	\$1,000	\$18,600
603(1-18)	18" CSP	LF	0	\$70	\$0
603 (1-18S)	18" CSP-Supply Only	LF	0	\$70	\$0
603 (1-24)	24" CSP	LF	0	\$75	\$0
603 (1-24S)	24" CSP-Supply Only	LF	0	\$75	\$0
604(1)	Storm Sewer Manhole, Type I with Frame and Grate	EA	0	\$4,500	\$0
604(4)	Adjust Existing Manhole	EA	4	\$1,500	\$6,000
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	0	\$3,000	\$0
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	0	\$3,000	\$0
604 (10)	Manhole Frame and Lid-Supply Only	EA	4	\$750	\$3,000
604(11)	Area Drain	EA	0	\$1,500	\$0
608(1A)	Sidewalk (4"t Concrete)	SY	0	\$70	\$0
609 (2-R)	Curb and Gutter, Type Rolled	LF	0	\$50	\$0
609(2-S)	Curb and Gutter, Type Standard	LF	0	\$40	\$0
609(7-V)	Valley Gutter	LF	0	\$50	\$0
609(8-U)	Stand Up Curb	LF	0	\$50	\$0
615(6)	Sign Salvage and Reset	LS	All Req'd	\$750	\$750
618(4)	Seeding	LS	All Req'd	\$500	\$500
626(2)	Sewer Service Connection	EA	1	\$5,000	\$5,000
627(8)	Water Service connection	EA	1	\$5,000	\$5,000
627(10)	Adjustment of Valve Box	EA	3	\$700	\$2,100
627(11)	Valve Box w/Base Section-Supply Only	EA	3	\$750	\$2,250
633(1)	Silt Fence	LF	350	\$12	\$4,200
640(1)	Mobilization	LS	All Req'd	10%	\$13,633
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,500	\$1,500
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,500	\$1,500
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$3,000	\$3,000
ESTIMATED CONSTRUCTION BID PRICE					\$150,963
	Construction Contingency	LS	All Req'd	20%	\$30,193
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$22,644
TOTAL RECOMMENDED PROJECT BUDGET					\$203,800

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc.
 Prepared on: November 02, 2010

PROJECT DESIGNATION E
WILALRD ST. FROM 2ND AVE. TO 1ST AVE.

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	\$1,000
202(2)	Removal of Pavement	SY	890	\$6	\$5,340
202(3)	Removal of Sidewalk	SY	0	\$10	\$0
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$0	\$0
202(9)	Removal of Curb and Gutter	LF	0	\$5	\$0
203(3)	Unclassified Excavation	CY	300	\$12	\$3,600
203(6)	Borrow, Selected Material, Type A	TON	250	\$18	\$4,500
301(1)	Aggregate Base Course, Grading D-1	TON	300	\$30	\$9,000
303(3)	Ditch Reconditioning	LF	0	\$6	\$0
304(1)	Subbase, Grading B	TON	275	\$20	\$5,500
401(1)	Asphalt Concrete Pavement	TON	120	\$110	\$13,200
401(2)	Asphalt Cement, Grade PG 58-28	TON	7	\$1,000	\$7,200
603(1-18)	18" CSP	LF	250	\$70	\$17,500
603 (1-18S)	18" CSP-Supply Only	LF	50	\$70	\$3,500
603 (1-24)	24" CSP	LF	0	\$75	\$0
603 (1-24S)	24" CSP-Supply Only	LF	0	\$75	\$0
604(1)	Storm Sewer Manhole, Type I with Frame and Grate	EA	0	\$4,500	\$0
604(4)	Adjust Existing Manhole	EA	0	\$1,500	\$0
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	2	\$3,000	\$6,000
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	0	\$3,000	\$0
604 (10)	Manhole Frame and Lid-Supply Only	EA	0	\$750	\$0
604(11)	Area Drain	EA	0	\$1,500	\$0
608(1A)	Sidewalk (4"t Concrete)	SY	255	\$70	\$17,850
609 (2-R)	Curb and Gutter, Type Rolled	LF	265	\$50	\$13,250
609(2-S)	Curb and Gutter, Type Standard	LF	0	\$40	\$0
609(7-V)	Valley Gutter	LF	0	\$50	\$0
609(8-U)	Stand Up Curb	LF	0	\$50	\$0
615(6)	Sign Salvage and Reset	LS	All Req'd	\$750	\$750
618(4)	Seeding	LS	All Req'd	\$500	\$500
627(8)	Water Service connection	EA	0	\$5,000	\$0
627(10)	Adjustment of Valve Box	EA	4	\$700	\$2,800
627(11)	Valve Box w/Base Section-Supply Only	EA	4	\$750	\$3,000
633(1)	Silt Fence	LF	240	\$12	\$2,880
640(1)	Mobilization	LS	All Req'd	10%	\$12,362
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,500	\$1,500
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,500	\$1,500
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$2,000	\$2,000
ESTIMATED CONSTRUCTION BID PRICE					\$136,982
	Construction Contingency	LS	All Req'd	20%	\$27,396
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$20,547
TOTAL RECOMMENDED PROJECT BUDGET					\$184,926

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc.
 Prepared on: November 02, 2010

PROJECT DESIGNATION H
HAINES BOROUGH ADMINISTRATION PARKING LOT

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	0
202(2)	Removal of Pavement	SY	0	\$6	\$0
202(3)	Removal of Sidewalk	SY	0	\$10	\$0
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$0	\$0
202(9)	Removal of Curb and Gutter	LF	0	\$5	\$0
203(3)	Unclassified Excavation	CY	150	\$12	\$1,800
203(6)	Borrow, Selected Material, Type A	TON	50	\$18	\$900
301(1)	Aggregate Base Course, Grading D-1	TON	400	\$30	\$12,000
303(3)	Ditch Reconditioning	LF	0	\$6	\$0
304(1)	Subbase, Grading B	TON	0	\$20	\$0
401(1)	Asphalt Concrete Pavement	TON	160	\$110	\$17,600
401(2)	Asphalt Cement, Grade PG 58-28	TON	10	\$1,000	\$9,600
603(1-18)	18" CSP	LF	80	\$70	\$5,600
603 (1-18S)	18" CSP-Supply Only	LF	0	\$70	\$0
603 (1-24)	24" CSP	LF	0	\$75	\$0
603 (1-24S)	24" CSP-Supply Only	LF	0	\$75	\$0
604(4)	Adjust Existing Manhole	EA	0	\$1,500	\$0
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	1	\$3,000	\$3,000
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	0	\$3,000	\$0
604 (10)	Manhole Frame and Lid-Supply Only	EA	0	\$750	\$0
604(11)	Area Drain	EA	0	\$1,500	\$0
608(1A)	Sidewalk (4"t Concrete)	SY	40	\$70	\$2,800
609 (2-R)	Curb and Gutter, Type Rolled	LF	0	\$50	\$0
609(2-S)	Curb and Gutter, Type Standard	LF	370	\$40	\$14,800
609(7-V)	Valley Gutter	LF	0	\$50	\$0
609(8-U)	Stand Up Curb	LF	0	\$50	\$0
615(6)	Sign Salvage and Reset	LS	All Req'd	\$750	\$750
618(4)	Seeding	LS	All Req'd	\$500	\$500
627(8)	Water Service connection	EA	0	\$5,000	\$0
627(10)	Adjustment of Valve Box	EA	0	\$700	\$0
627(11)	Valve Box w/Base Section-Supply Only	EA	0	\$750	\$0
633(1)	Silt Fence	LF	0	\$12	\$0
640(1)	Mobilization	LS	All Req'd	10%	\$7,460
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,000	\$1,000
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,000	\$1,000
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$1,000	\$1,000
ESTIMATED CONSTRUCTION BID PRICE					\$82,060
	Construction Contingency	LS	All Req'd	20%	\$16,412
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$12,309
TOTAL RECOMMENDED PROJECT BUDGET					\$110,781

HAINES BOROUGH STREET IMPROVEMENTS - PHASE 2
PS&E ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc.
 Prepared on: November 02, 2010

PROJECT DESIGNATION J
UPPER THIRD AVENUE

Item No.	Pay Item	Pay Unit	Quantity	Unit Cost	Amount
201 (3B)	Clearing and Grubbing	LS	All Req'd	\$1,000	0
202(2)	Removal of Pavement	SY	3333	\$6	\$19,998
202(3)	Removal of Sidewalk	SY	900	\$10	\$9,000
202(4)	Removal of Culvert Pipe	LS	All Req'd	\$3,000	\$3,000
202(9)	Removal of Curb and Gutter	LF	705	\$5	\$3,525
203(3)	Unclassified Excavation	CY	230	\$12	\$2,760
203(6)	Borrow, Selected Material, Type A	TON	500	\$18	\$9,000
301(1)	Aggregate Base Course, Grading D-1	TON	750	\$30	\$22,500
303(3)	Ditch Reconditioning	LF	0	\$6	\$0
304(1)	Subbase, Grading B	TON	70	\$20	\$1,400
401(1)	Asphalt Concrete Pavement	TON	470	\$110	\$51,700
401(2)	Asphalt Cement, Grade PG 58-28	TON	28	\$1,000	\$28,200
603(1-18)	18" CSP	LF	530	\$70	\$37,100
603 (1-18S)	18" CSP-Supply Only	LF	70	\$70	\$4,900
603 (1-24)	24" CSP	LF	0	\$75	\$0
603 (1-24S)	24" CSP-Supply Only	LF	0	\$75	\$0
604(4)	Adjust Existing Manhole	EA	2	\$1,500	\$3,000
604(8)	Storm Sewer Catch Basin, Type IV with Frame and Grate	EA	4	\$3,000	\$12,000
604(8-S)	Storm Sewer Catch Basin, Type IV with Frame and Grate-Supply Only	EA	1	\$3,000	\$3,000
604 (10)	Manhole Frame and Lid-Supply Only	EA	0	\$750	\$0
604(11)	Area Drain	EA	0	\$1,500	\$0
608(1A)	Sidewalk (4"t Concrete)	SY	375	\$70	\$26,250
609 (2-R)	Curb and Gutter, Type Rolled	LF	0	\$50	\$0
609(2-S)	Curb and Gutter, Type Standard	LF	700	\$40	\$28,000
609(7-V)	Valley Gutter	LF	0	\$50	\$0
609(8-U)	Stand Up Curb	LF	0	\$50	\$0
615(6)	Sign Salvage and Reset	LS	All Req'd	\$750	\$750
618(4)	Seeding	LS	All Req'd	\$500	\$500
627(8)	Water Service connection	EA	0	\$5,000	\$0
627(10)	Adjustment of Valve Box	EA	1	\$700	\$700
627(11)	Valve Box w/Base Section-Supply Only	EA	1	\$750	\$750
633(1)	Silt Fence	LF	0	\$12	\$0
640(1)	Mobilization	LS	All Req'd	10%	\$27,328
641(1)	Erosion and Pollution Control Administration	LS	All Req'd	\$1,000	\$1,000
641(2)	Erosion and Pollution Control	LS	All Req'd	\$1,000	\$1,000
641(3)	Temporary Erosion and Pollution Control Amendments	CS	All Req'd	\$750	\$750
642(1)	Construction Surveying	LS	All Req'd	\$1,500	\$1,500
643(2)	Traffic Maintenance	LS	All Req'd	\$1,000	\$1,000
ESTIMATED CONSTRUCTION BID PRICE					\$300,611
	Construction Contingency	LS	All Req'd	20%	\$60,122
	Contract Administration & Construction Inspection	LS	All Req'd	15%	\$45,092
TOTAL RECOMMENDED PROJECT BUDGET					\$405,825