Estimate (12-13)

Project: College View Drive
Estimator: David L. Brown
Work Order No. P1039.00
Date: March 10, 2015
PVAS No. 797.00
District No. 1

	Street Name	County Maint. Y/N	Road Rating	Width	Length	Sy.- Paving	Drives	Mailboxes	Spandrels	T's	Manhole	W.Valve	Cul de Sac	Turnaround	Sidewalk Repair SY	Base Repair SY
1	College View	Y	F	24	1285	3427.0			1	1	5		1		0	85.67
2						0.0									0	0
3						0.0									0	0
4						0.0									0	0
5						0.0									0	0
6						0.0									0	0
7						0.0									0	0
8						0.0									0	0
9						0.0									0	0
10						0.0									0	0
11						0.0									0	0
12						0.0									0	0
13						0.0									0	0
14						0.0									0	0
15						0.0									0	0
16						0.0									0	0
17						0.0									0	0
18						0.0									0	0
19						0.0									0	0
20						0.0									0	0
21						0.0									0	0
22						0.0									0	0
23						0.0									0	0
24						0.0									0	0
25						0.0									0	0
26						0.0									0	0
27						0.0									0	0
28						0.0									0	0
29						0.0									0	0
30						0.0									0	0
31						0.0									0	0
32						0.0									0	0
33						0.0									0	0
34						0.0									0	0
35						0.0									0	0
36						0.0									0	0
37						0.0									0	0
38						0.0									0	0
39						0.0									0	0
40						0.0									0	0
41						0.0									0	0
42						0.0									0	0
43						0.0									0	0
44						0.0									0	0
45						0.0									0	0
	TOTALS =				**1285**	**3427.0**	**0**	**0**	**1**	**1**	**5**	**0**	**1**	**0**	**0**	**85.67**

Combined Distance = 0.24 MILES	Length	Sy.- Paving	Drives	Mailboxes	Spandrels	T's	Manhole	W.Valve	Cul de Sac	Turnaround	Sidewalk Repair SY	Base Repair SY

AREA IN SY.		**3427.0**
Spandrels @ 30 Sy. Ea.	1	30
"T" Turn Around @ 50 Sy. Ea.	0	0
Cul-de-Sac @ 520 Sy. Ea.	1	520
Drives @ 20SY Ea. (Turnouts)	0	0
Total Sy. Ex. Pavement =		**3977 Sy.**

Required Asphalt

Type	Spread (lb/sy)	tonnage	
Type S-I Asphalt Concrete Cement (ACC), Leveling		0	
Type S-III ACC, Leveling	105	209	
Type S-III ACC, Surface or Intermediate Course	105	209	
Type S-I ACC, Deep Patch (4"+ 1". Incl. Shoulder Widening, Pavement Widening and Driveway Const.).	525	22	As Base Restorat
Type S-I ACC, Deep Patch (4"+ 1". Incl. Shoulder Widening, Pavement Widening and Driveway Const.).	525	0	As Base Restorat
Type FC-3 (without rubber)		0	
Type PD-III ACC, Surface or Intermediate Course		0	

BASE REPAIR PERCENTAGE MULITPLIER	2.50%	
SIDEWALK PERCENTAGE MULITPLIER	0.00%	
SIDEWALK WIDTH	0	FT
SIDEWALK THICKNESS	0	IN (4" OR 6")
SHOULDER REWORK WIDTH	5	FT
SOD WIDTH	5	FT

Estimate - Asphalt Contract (12-13)

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ASPHALT ITEMS

ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE	AMOUNT
102-91	Temporary Pavement Markings (Paint)	129	LF	$0.18	$23.13
102-10-2	Temporary Pavement Markings (Tape)		LF	$1.05	
104-10-1	Baled Hay (Staked)		EA	$5.33	
104-11	Turbidity Barrier (Floating)		LF	$9.50	
104-13	Silt Fence (Staked)		LF	$0.50	
104-16	Rock Bags		EA	$4.00	
110-1-1A	Clearing and Grubbing < 6"		AC	$1,575.00	
110-1-1B	Clearing and Grubbing > 6"		AC	$2,680.00	
110-4	Removal of Existing Pavement (Concrete)		SY	$9.40	
110-47	Road Edge Preparation	2,570	LF	$0.40	$1,028.00
110-48	Sawcut Concrete Driveways		LF	$2.00	
110-49	Sawcut Asphaltic Concrete		LF	$2.00	
110-50	"Pickup" Type Power Broom	15	HR	$105.00	$1,615.16
110-7	Mailboxes (Relocation) (Furnish and Install)		EA	$74.00	
120-1	Regular Excavation		CY	$9.40	
120-2	Borrow Excavation		CY	$9.60	
120-6	Embankment		CY	$9.20	
121-70	Flowable Fill		CY	$180.00	
160-4-1	Stabilization, Type "B" (6")(LBR40)		SY	$2.90	
160-4-2	Stabilization, Type "B" (12")(LBR40)		SY	$3.30	
162-2	Topsoil		SY	$15.85	
270-1	Soil Cement Base (300 psi) (Plant-Mixed) (8")		SY	$7.30	
270-1-1	Soil Cement Base (300 psi) (Plant-Mixed) (10")		SY	$13.00	
285-705-12	Base (Optional) Limerock (6")		SY	$6.50	
285-707-11	Base (Optional) Limerock (8")		SY	$8.00	
285-710-11	Base (Optional) Limerock (10")		SY	$9.00	
285A	Crushed Concrete Base		SY	$15.00	
285B	Blended Base		SY	$15.00	
286-1	Turnout Construction (Concrete)		SY	$40.00	
286-2	Turnout Construction (Asphalt)		TN	$120.00	
310-1	Single Surface Treatment		SY	$5.00	
310-2	Double Surface Treatment		SY	$5.00	
310-3	Triple Surface Treatment		SY	$6.00	
327-70-8	Milling of Existing Asphalt Pavement (2-1/2" Maximum Depth) (Various Widths)	3,977	SY	$1.10	$4,374.70
327-70-8A	Milling of Existing Asphalt Pavement (2-1/2" Maximum Depth) (Various Widths)		SY	$1.60	
327-70-8B	Haul and Stockpile Millings	835	CY-MI	$0.58	$484.40
331-1	Asphalt Price Index Adjustment	6,212	GA	$1.70	$10,560.00
331-2-1	Type S-I Asphalt Concrete Cement (ACC), Leveling		TN	$79.00	
331-2-4	Type S-III ACC, Leveling	209	TN	$82.00	$17,138.00
331-2-6	Type S-III ACC, Surface or Intermediate Course	209	TN	$77.00	$16,093.00
331-2-7	Type S-I ACC, Deep Patch	22	TN	$93.00	$2,046.00
331-2-8	Type ABC-3		TN	$100.00	
331-2-9	Type FC-3 (without rubber)		TN	$85.00	
334-1	Type PD-III ACC, Surface or Intermediate Course		TN	$85.00	
339-1	Miscellaneous Asphalt Pavement		TN	$136.00	
400-1-2	Endwall (Class II Concrete)		CY	$585.00	
400-1-15	Class I Concrete (Miscellaneous)	10	CY	$370.00	$3,700.00
415-1	Reinforcing Steel	100	LB	$1.60	$160.00
425-10	Yard Drains		EA	$800.00	
425-1-31	Inlet (Curb Type P-1)		EA	$2,770.00	
425-1-32	Inlet (Curb Type P-2)		EA	$2,770.00	
425-1-33	Inlet (Curb Type P-3)		EA	$2,415.00	
425-1-34	Inlet (Curb Type P-4)		EA	$2,466.00	
425-1-41	Inlet (Curb Type J-1)		EA	$3,460.00	
425-1-42	Inlet (Curb Type J-2)		EA	$3,300.00	
Sub Total					**$57,222.39**

Estimate - Asphalt Contract (12-13)

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ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE	AMOUNT
425-1-43	Inlet (Curb Type J-3)		EA	$3,000.00	
425-1-44	Inlet (Curb Type J-4)		EA	$3,100.00	
425-1-47	Inlet (Curb Type 7)		EA	$2,850.00	
425-1-48	Inlet (Curb Type 8)		EA	$2,850.00	
425-1-52	Inlets (DT BOT Type C)		EA	$1,700.00	
425-1-54	Inlets (DT BOT Type D)		EA	$2,144.00	
425-1-55	Inlets (DT BOT Type E)		EA	$2,300.00	
425-1-58	Inlets (DT BOT Type H)		EA	$2,435.00	
425-1-71	Inlets (Gutter Type V)		EA	$2,425.00	
425-5	Adjusting Manholes (riser rings)	5	EA	$230.00	$1,150.00
425-5A	Manhole Cover (replace)		EA	$320.00	
425-6	Adjusting Valve Boxes		EA	$187.00	
430-11-423	15" Reinforced Concrete Pipe (Class IV)		LF	$41.00	
430-11-425	18" Reinforced Concrete Pipe (Class IV)		LF	$45.00	
430-11-429	24" Reinforced Concrete Pipe (Class IV)		LF	$56.00	
430-11-433	30" Reinforced Concrete Pipe (Class IV)		LF	$66.00	
430-11-438	36" Reinforced Concrete Pipe (Class IV)		LF	$75.00	
430-11-440	42" Reinforced Concrete Pipe (Class IV)		LF	$100.00	
430-11-441	48" Reinforced Concrete Pipe (Class IV)		LF	$120.00	
430-11-442	54" Reinforced Concrete Pipe (Class IV)		LF	$145.00	
430-11-443	60" Reinforced Concrete Pipe (Class IV)		LF	$175.00	
430-141-01	12" X 18" Elliptical RCP (Class IV)		LF	$48.00	
430-141-02	14" X 23" Elliptical RCP (Class IV)		LF	$49.00	
430-141-03	19" X 30" Elliptical RCP (Class IV)		LF	$62.00	
430-141-04	24" X 38" Elliptical RCP (Class IV)		LF	$76.00	
430-141-05	29" X 45" Elliptical RCP (Class IV)		LF	$98.00	
430-141-08	34" X 53" Elliptical RCP (Class IV)		LF	$120.00	
430-141-09	38" X 60" Elliptical RCP (Class IV)		LF	$140.00	
430-190-143A	Relay Existing Pipe (Concrete Round) (< 30")		LF	$38.00	
430-190-143B	Relay Existing Pipe (Concrete Round) (30" – 60")		LF	$75.00	
430-98-223	15" Mitered End Section		EA	$530.00	
430-98-225	18" Mitered End Section		EA	$562.00	
430-98-229	24" Mitered End Section		EA	$700.00	
430-98-233	30" Mitered End Section		EA	$1,640.00	
430-98-238	36" Mitered End Section		EA	$1,815.00	
430-98-240	42" Mitered End Section		EA	$2,940.00	
430-98-241	48" Mitered End Section		EA	$2,955.00	
430-98-242	54" Mitered End Section		EA	$4,400.00	
430-98-243	60" Mitered End Section		EA	$4,900.00	
430-98-401	12" X 18" Mitered End Section		EA	$585.00	
430-98-402	14" X 23" Mitered End Section		EA	$780.00	
430-98-403	19" X 30" Mitered End Section		EA	$1,058.00	
430-98-404	24" X 38" Mitered End Section		EA	$1,500.00	
430-98-405	29" X 45" Mitered End Section		EA	$3,065.00	
430-98-408	34" X 53" Mitered End Section		EA	$3,630.00	
430-98-409	38" X 60" Mitered End Section		EA	$4,065.00	
440-1-10	Underdrain (Type I)		LF	$32.00	
440-1-20	Underdrain (Type II)		LF	$53.00	
514-71	Plastic Filter Fabric		SY	$2.80	
515-1-2	Handrail (Aluminum)		LF	$32.00	
520-1-7	Concrete Curb and Gutter (Type E)		LF	$18.00	
520-1-10	Concrete Curb and Gutter (Type F)		LF	$18.00	
520-3	Concrete Valley Gutter	100	LF	$30.00	$3,000.00
520-4	Special Concrete Gutter		LF	$25.00	
522-1	Concrete Sidewalk, 4" Thick, 3' – 5' Wide		SY	$35.00	
522-2	Concrete Sidewalk, 6" Thick, Width Varies		SY	$39.00	
530-1	Sand Cement Riprap (Roadway)		CY	$300.00	
547-70-1	Riprap Fabric Formed Concrete (8" Filter Points)		SY	$185.00	
550-2-22	Fencing, Type B (6' Height)		LF	$21.00	
550-2-22A	Fencing, Type B (6'Height) (Vinyl Coated)		LF	$26.00	
550-3-22	Fence Corner Post Assembly		EA	$118.00	
570-2	Seed and Mulch (including Fertilizer)		SY	$0.40	
575-1-1	Sodding (Bahia)		SY	$1.80	
575-1-4	Sodding (Match Existing)	1,428	SY	$2.42	$3,455.22
577-70	Reworking Shoulders	1,428	SY	$0.70	$999.44
	PRICE SUBTOTAL				$8,604.67

Asphalt Contract SubTotal	**$65,827.06**
15.0% Contingency	**$9,874.06**
Asphalt Contract Total	**$75,701.11**

Engineer's Estimate - Public Works

Project: College View Drive — *Date* March 10, 2015
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Mobilization			LS	X	$	1,015.00			$ -
Site Prep.			Sy.	X	$	1.69			$ -
Clear & Grub	LT.		A	X	$	2,200.00	=	$ -	
	Med.		A	X	$	4,850.00	=	$ -	
	Hvy.		A	X	$	8,800.00	=	$ -	$ -
Embankment & Fill			Cy.	X	$	7.20			$ -
Earth Work (Prep. For ABC)			Sy	X	$	1.47			$ -
9" Stab. Subgrade			Sy	X	$	4.46			$ -
12" Stab. Subgrade			Sy.	X	$	5.95			$ -
6" Base (Primed)			Sy.	X	$	6.59			$ -
8" Base (Primed)			Sy.	X	$	8.78			$ -
4" Limerock (Primed)			Sy.	X	$	9.12			$ -
6" Limerock (Primed)			Sy.	X	$	13.68			$ -
8" Limerock (Primed)			Sy.	X	$	16.15			$ -
10" Limerock (Primed)			Sy.	X	$	20.78			$ -
12" Limerock (Primed)			Sy.	X	$	26.28			$ -
Lean Mix			10# / Sy.		$	1.08			$ -
			20# / Sy.		$	1.21			$ -
Sod			Sy.	X	$	1.53			$ -
Sod (Edge)			Lf.	X	$	0.26			$ -
Seed & Mulch			Sy.	X	$	1.28			$ -
Bailed Hay			Ton	X	$	118.00			$ -
Silt Fence			Lf.	X	$	1.39			$ -
Floating Turbidity Barrier			Lf.	X	$	5.15			$ -
Final Dress (Shoulders)			Cy.	X	$	7.20			$ -
Survey & Test		1285	LS	X	$	1.69			$ 2,171.65
Traffic Control Devices		1	LS	X	$	750.00			$ 750.00
Guardrail			Lf.	X					$ -
Striping			Lf.	X	$	1.67			$ -
Other									$ -
Drainage									$ -

PUBLIC WORKS SUB TOTAL = $ **2,921.65**

ADMINISTRATION	7.5%	$ 219.12
CONTINGENCY	10%	$ 292.17
PUBLIC WORKS TOTAL		$ **3,432.94**
ASPHALT TOTAL		$ **75,701.11**
ASPHALT AND PUBLIC WORKS TOTAL =		$ **79,134.05**
Engineering, Inspection & Administration +	5.00%	$ 3,956.70
CONSTRUCTION TOTAL =		$ **83,090.75**

Number of Lots = 30.00

RECORDING

Resolution:		First page	$ 10.00		$ 10.00
	2	Pages	$ 8.50		$ 17.00
Roll:		First page	$ 10.00		$ 10.00
	8	pages	$ 8.50		$ 68.00
		Subtotal			$ **105.00**
LIEN SATISFACTION	30	Pages	$ 10.00		$ 300.00
OVERHEAD	30	Lots X	Years 10	$ 10.00 / year	$ 3,000.00
		Subtotal	Lien/Overhead		$ **3,300.00**
			TOTAL =		$ **86,495.75**