

Cost Summary Detailed

Project: MAIN_ST

Description: No. 123456, Reconstruction of Main Street

Bid Date: 1/15/2008

Revised: rev date

Location: Orange County

Contract #: D500231

NOTE: All Costs are calculated based on Takeoff Quantity.

Equipment

Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
E	LRW-001	Pickup, 3/4 ton	Days	1.00	2.50	2.50	37.16	92.90	201.01.1	8 in SDR 35 PVC 10 ft deep
E	LRW-001	Pickup, 3/4 ton	Days	1.00	2.00	2.00	37.16	74.32	201.01.2	8 in SDR 35 PVC 15 ft deep
E	LRW-001	Pickup, 3/4 ton	Days	1.00	2.50	2.50	37.16	92.90	301.05.1	Rough grade
E	LRW-001	Pickup, 3/4 ton	Days	1.00	4.00	4.00	37.16	148.64	301.05.2	Fine Grade
E	LRW-001	Pickup, 3/4 ton	Days	1.00	2.00	2.00	37.16	74.32	401.01	Base Asphalt
E	LRW-001	Pickup, 3/4 ton	Days	2.00	3.00	6.00	37.16	222.96	501.01	Top Asphalt Course
LRW-001		Subtotal				19.00		706.04		
E	LRW-007	Road Saw	Days	1.00	0.00	0.00	97.25	389.00	sawcut	Sawing pavt
LRW-007		Subtotal				0.00		389.00		
E	LRW-013	10 wh Dump Truck	Days	4.00	2.50	10.00	130.00	1,300.00	201.01.1	8 in SDR 35 PVC 10 ft deep
E	LRW-013	10 wh Dump Truck	Days	4.00	2.00	8.00	130.00	1,040.00	201.01.2	8 in SDR 35 PVC 15 ft deep
LRW-013		Subtotal				18.00		2,340.00		
E	LRW-014	Komatsu 220 Backhoe	Days	1.00	5.00	5.00	307.00	1,535.00	101	Box out excavation
LRW-014		Subtotal				5.00		1,535.00		
Equipment			Total			42.00		4,970.04		

Labor

Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
L	LAB0001	Foreman	Days	1.00	5.00	5.00	256.13	1,280.64	101	Box out excavation
L	LAB0001	Foreman	Days	1.00	2.50	2.50	256.13	640.32	201.01.1	8 in SDR 35 PVC 10 ft deep

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L	LAB0001	Foreman	Days	1.00	2.00	2.00	256.13	512.26	201.01.2	8 in SDR 35 PVC 15 ft deep
L	LAB0001	Foreman	Days	1.00	2.50	2.50	256.13	640.32	301.05.1	Rough grade
L	LAB0001	Foreman	Days	1.00	2.00	2.00	256.13	512.26	401.01	Base Asphalt
L	LAB0001	Foreman	Days	1.00	4.00	4.00	256.13	1,024.51	301.05.2	Fine Grade
L	LAB0001	Foreman	Days	1.00	3.00	3.00	256.13	768.38	501.01	Top Asphalt Course
LAB0001		Subtotal		Man Days		21.00	5,378.69			
L	LAB0002	Skilled laborer	Days	2.00	3.00	6.00	246.77	1,480.61	501.01	Top Asphalt Course
L	LAB0002	Skilled laborer	Days	1.00	2.50	2.50	246.77	616.92	301.05.1	Rough grade
L	LAB0002	Skilled laborer	Days	1.00	4.00	4.00	246.77	987.08	301.05.2	Fine Grade
L	LAB0002	Skilled laborer	Days	2.00	2.00	4.00	246.77	987.08	401.01	Base Asphalt
L	LAB0002	Skilled laborer	Days	1.00	0.00	0.00	246.77	987.08	sawcut	Sawing pavt
L	LAB0002	Skilled laborer	Days	3.00	5.00	15.00	246.77	3,701.54	101	Box out excavation
L	LAB0002	Skilled laborer	Days	2.00	2.00	4.00	246.77	987.08	201.01.2	8 in SDR 35 PVC 15 ft deep
L	LAB0002	Skilled laborer	Days	1.00	5.00	5.00	246.77	1,233.85	101	Box out excavation
L	LAB0002	Skilled laborer	Days	2.00	2.50	5.00	246.77	1,233.85	201.01.1	8 in SDR 35 PVC 10 ft deep
LAB0002		Subtotal		Man Days		45.50	12,215.07			
L	LAB0003	Basic Laborer	Days	1.00	2.50	2.50	238.58	596.45	201.01.1	8 in SDR 35 PVC 10 ft deep
L	LAB0003	Basic Laborer	Days	1.00	2.00	2.00	238.58	477.16	201.01.2	8 in SDR 35 PVC 15 ft deep
L	LAB0003	Basic Laborer	Days	1.00	2.50	2.50	238.58	596.45	301.05.1	Rough grade
L	LAB0003	Basic Laborer	Days	1.00	2.00	2.00	238.58	477.16	401.01	Base Asphalt
L	LAB0003	Basic Laborer	Days	2.00	3.00	6.00	238.58	1,431.48	501.01	Top Asphalt Course
LAB0003		Subtotal		Man Days		15.00	3,578.70			
L	LAB0004	Pipe Layer	Days	2.00	2.00	4.00	249.40	997.61	201.01.2	8 in SDR 35 PVC 15 ft deep
L	LAB0004	Pipe Layer	Days	2.00	2.50	5.00	249.40	1,247.01	201.01.1	8 in SDR 35 PVC 10 ft deep
LAB0004		Subtotal		Man Days		9.00	2,244.62			
L	LAB0005	Asphalt Raker	Days	1.00	2.00	2.00	249.40	498.80	401.01	Base Asphalt
L	LAB0005	Asphalt Raker	Days	2.00	3.00	6.00	249.40	1,496.41	501.01	Top Asphalt Course
LAB0005		Subtotal		Man Days		8.00	1,995.22			
L	OPR0001	Class A Operator	Days	1.00	3.00	3.00	322.85	968.54	501.01	Top Asphalt Course
L	OPR0001	Class A Operator	Days	1.00	2.50	2.50	322.85	807.11	301.05.1	Rough grade

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L	OPR0001	Class A Operator	Days	1.00	2.00	2.00	322.85	645.69	401.01	Base Asphalt
L	OPR0001	Class A Operator	Days	1.00	4.00	4.00	322.85	1,291.38	301.05.2	Fine Grade
L	OPR0001	Class A Operator	Days	1.00	2.00	2.00	322.85	645.69	201.01.2	8 in SDR 35 PVC 15 ft deep
L	OPR0001	Class A Operator	Days	1.00	2.50	2.50	322.85	807.11	201.01.1	8 in SDR 35 PVC 10 ft deep
L	OPR0001	Class A Operator	Days	1.00	5.00	5.00	322.85	1,614.23	101	Box out excavation
OPR0001				Subtotal		Man Days	21.00			6,779.75
L	OPR0002	Class B Operator	Days	1.00	5.00	5.00	314.53	1,572.63	101	Box out excavation
L	OPR0002	Class B Operator	Days	1.00	2.50	2.50	314.53	786.32	201.01.1	8 in SDR 35 PVC 10 ft deep
L	OPR0002	Class B Operator	Days	1.00	2.00	2.00	314.53	629.05	201.01.2	8 in SDR 35 PVC 15 ft deep
L	OPR0002	Class B Operator	Days	2.00	4.00	8.00	314.53	2,516.21	301.05.2	Fine Grade
L	OPR0002	Class B Operator	Days	2.00	2.00	4.00	314.53	1,258.11	401.01	Base Asphalt
L	OPR0002	Class B Operator	Days	2.00	2.50	5.00	314.53	1,572.63	301.05.1	Rough grade
L	OPR0002	Class B Operator	Days	3.00	3.00	9.00	314.53	2,830.74	501.01	Top Asphalt Course
OPR0002				Subtotal		Man Days	35.50			11,165.70
L	TEA0001	Group 2 Teamster	Days	1.00	2.00	2.00	231.73	463.47	201.01.2	8 in SDR 35 PVC 15 ft deep
L	TEA0001	Group 2 Teamster	Days	1.00	2.50	2.50	231.73	579.33	201.01.1	8 in SDR 35 PVC 10 ft deep
TEA0001				Subtotal		Man Days	4.50			1,042.80
Labor				Total		Man Days	159.50			44,400.55
						Cost Per Man/Day:	278.37			
						Cost Per Man/Hr (8 Hrs/Day):	34.80			

Material

Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
M	AGGR00004	Pea Gravel	ton	30.94	1.00	30.94	14.00	433.10	201.01.2	8 in SDR 35 PVC 15 ft deep
M	AGGR00004	Pea Gravel	ton	61.87	1.00	61.87	14.00	866.19	201.01.1	8 in SDR 35 PVC 10 ft deep
AGGR00004				Subtotal		92.81			1,299.29	

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M	AGGR00001	Crusher Gravel	ton	2,112.33	1.00	2,112.33	12.00	25,347.92	201.01.1	8 in SDR 35 PVC 10 ft deep
M	AGGR00001	Crusher Gravel	ton	1,056.16	1.00	1,056.16	12.00	12,673.96	201.01.2	8 in SDR 35 PVC 15 ft deep
M	AGGR00001	Crusher Gravel	ton	1,954.00	1.00	1,954.00	12.00	23,448.00	301.05.1	Rough grade
AGGR00001		Subtotal		5,122.49			61,469.89			
M	AGGR00005	Screened Sand	ton	165.37	1.00	165.37	7.00	1,157.61	201.01.1	8 in SDR 35 PVC 10 ft deep
M	AGGR00005	Screened Sand	ton	82.69	1.00	82.69	7.00	578.81	201.01.2	8 in SDR 35 PVC 15 ft deep
AGGR00005		Subtotal		248.06			1,736.42			
M	ASPH00003	Type 3 Binder Asphalt Concrete	ton	109.38	1.00	109.38	62.00	6,781.25	201.01.2	8 in SDR 35 PVC 15 ft deep
M	ASPH00003	Type 3 Binder Asphalt Concrete	ton	218.75	1.00	218.75	62.00	13,562.50	201.01.1	8 in SDR 35 PVC 10 ft deep
M	ASPH00003	Type 3 Binder Asphalt Concrete	ton	1,000.00	1.00	1,000.00	62.00	62,000.00	401.01	Base Asphalt
ASPH00003		Subtotal		1,328.13			82,343.75			
M	ASPH0007F	Type 7F Top Course (HF) Asph.	ton	430.50	1.00	430.50	78.00	33,579.00	501.01	Top Asphalt Course
ASPH0007F		Subtotal		430.50			33,579.00			
M	PVC0001	8 in SDR 35 cI2	lf	500.00	1.00	500.00	5.25	2,625.00	201.01.1	8 in SDR 35 PVC 10 ft deep
M	PVC0001	8 in SDR 35 cI2	lf	250.00	1.00	250.00	5.25	1,312.50	201.01.2	8 in SDR 35 PVC 15 ft deep
PVC0001		Subtotal		750.00			3,937.50			
M	SAW000001	Saw Blades Abrasive 18in conc.	ea	0.01	1.00	0.01	35.00	466.55	sawcut	Sawing pavt
SAW000001		Subtotal		0.01			466.55			
Material		Total		7,971.99			184,832.39			

Per Diem

Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
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O	TRK0001	haul 1 mile from job site	cys	1,703.70	1.00	1,703.70	1.66	2,828.15	201.01.1	8 in SDR 35 PVC 10 ft deep
O	TRK0001	haul 1 mile from job site	cys	500.00	1.00	500.00	1.66	830.00	101	Box out excavation
O	TRK0001	haul 1 mile from job site	cys	851.85	1.00	851.85	1.66	1,414.07	201.01.2	8 in SDR 35 PVC 15 ft deep
TRK0001			Subtotal			3,055.55		5,072.22		
Per Diem			Total			3,055.55		5,072.22		

Rental

Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
R	DOZER550	Case 550 Dozer	Days	1.00	2.00	2.00	333.18	666.35	201.01.2	8 in SDR 35 PVC 15 ft deep
R	DOZER550	Case 550 Dozer	Days	1.00	5.00	5.00	333.18	1,665.88	101	Box out excavation
R	DOZER550	Case 550 Dozer	Days	1.00	2.50	2.50	333.18	832.94	201.01.1	8 in SDR 35 PVC 10 ft deep
DOZER550			Subtotal			9.50		3,165.17		
R	DOZER-D6	Cat D6 Dozer	Days	1.00	2.50	2.50	536.75	1,341.87	301.05.1	Rough grade
DOZER-D6			Subtotal			2.50		1,341.87		
R	GRADER12G	Cat 12G Grader	Days	1.00	4.00	4.00	604.47	2,417.88	301.05.2	Fine Grade
GRADER12G			Subtotal			4.00		2,417.88		
R	HOE-300	Komatsu 300	Days	1.00	2.00	2.00	936.88	1,873.75	201.01.2	8 in SDR 35 PVC 15 ft deep
R	HOE-300	Komatsu 300	Days	1.00	2.50	2.50	936.88	2,342.19	201.01.1	8 in SDR 35 PVC 10 ft deep
HOE-300			Subtotal			4.50		4,215.94		
R	LOADER930	Cat 930 RT Loader	Days	1.00	2.50	2.50	414.41	1,036.02	201.01.1	8 in SDR 35 PVC 10 ft deep
R	LOADER930	Cat 930 RT Loader	Days	1.00	2.00	2.00	414.41	828.82	201.01.2	8 in SDR 35 PVC 15 ft deep
R	LOADER930	Cat 930 RT Loader	Days	1.00	4.00	4.00	414.41	1,657.63	301.05.2	Fine Grade
R	LOADER930	Cat 930 RT Loader	Days	1.00	2.50	2.50	414.41	1,036.02	301.05.1	Rough grade

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LOADER930		Subtotal		11.00		4,558.49				
R	PAVER-ASP	Asphalt Paver	Days	1.00	3.00	3.00	969.90	2,909.70	501.01	Top Asphalt Course
R	PAVER-ASP	Asphalt Paver	Days	1.00	2.00	2.00	969.90	1,939.80	401.01	Base Asphalt
PAVER-ASP		Subtotal		5.00		4,849.50				
R	ROL-ASPH	Roller - Asphalt	Days	2.00	2.00	4.00	464.63	1,858.50	401.01	Base Asphalt
R	ROL-ASPH	Roller - Asphalt	Days	3.00	3.00	9.00	464.63	4,181.63	501.01	Top Asphalt Course
ROL-ASPH		Subtotal		13.00		6,040.13				
R	ROL-BOMAG	Roller Bomag walk behind	Days	1.00	2.00	2.00	118.44	236.88	201.01.2	8 in SDR 35 PVC 15 ft deep
R	ROL-BOMAG	Roller Bomag walk behind	Days	1.00	2.50	2.50	118.44	296.10	201.01.1	8 in SDR 35 PVC 10 ft deep
ROL-BOMAG		Subtotal		4.50		532.98				
R	ROL-DIRT	Roller - Dirt	Days	1.00	5.00	5.00	410.63	2,053.13	101	Box out excavation
R	ROL-DIRT	Roller - Dirt	Days	1.00	2.50	2.50	410.63	1,026.56	301.05.1	Rough grade
R	ROL-DIRT	Roller - Dirt	Days	1.00	4.00	4.00	410.63	1,642.50	301.05.2	Fine Grade
ROL-DIRT		Subtotal		11.50		4,722.19				
Rental	Total				65.50		31,844.14			

Subcontractor										
Type	Code	Description	U/M	Quantity	Factor	Days	Rate	Cost	Item	Description
S	HAUL00001	Ton Trailers	ton	1,000.00	1.00	1,000.00	2.50	2,500.00	401.01	Base Asphalt
HAUL00001		Subtotal		1,000.00		2,500.00				
S	SMC 5402-37602	CERTIFIED WBE	EA	10.00	1.00	10.00	425.00	4,250.00	101	Box out excavation

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<i>SMC 5402-37602</i>		<i>Subtotal</i>				<i>10.00</i>		<i>4,250.00</i>			
S	SMC 5402-37606	CERTIFIED WBE		EA	4.00	1.00	4.00	325.00	1,300.00	501.01	Top Asphalt Course
<i>SMC 5402-37606</i>		<i>Subtotal</i>				<i>4.00</i>		<i>1,300.00</i>			
Subcontractor		Total				1,014.00		8,050.00			

Cost Summary Total: 279,169.34