



Contractor's License No. 366020

July 5, 2016

MILPITAS UNIFIED SCHOOL DISTRICT

Att: Brian Shreve, Director of Maintenance, Operations & Transportation

1585 Roger Street
Milpitas. CA 95035

phone: (408) 635-2888, X 6520
bshreve@musd.org

Re: Milpitas High School - 1285 Escuela Parkway, Milpitas

Sub: Removal and Replacement of Track Pavement Section

Dear Brian,

As a result of the meeting this morning between you, Joe Flatley, Jeff Dickey of Beynon, and myself, below are the quotes we discussed. As I mentioned, my bid dated July 2nd was based on the 40,500 square feet told to me by Jeff. In fact, after a Google take off, (copy enclosed) the area of the track is 43,500 square feet. The options listed below reflect this area.

BASE BID – 3" Asphalt Concrete / 9" Recycled Class 2 Base Rock – []

For the **lump sum price of three hundred seventeen thousand dollars (\$317,000.00)** we will do the following work:

1. Remove and dispose of the track rubber surface, existing asphalt concrete pavement (approximately 1.5" thick), and approximately 10" of dirt/mud to accommodate the paving section listed below.
2. Scarify, compact, and grade the upper 6" of the exposed subgrade. It may be a possibility that the subgrade, even after this step, will be yielding and not able to support the placing of the base rock and asphalt concrete in the following steps.
3. Place 9" of recycled class 2 base rock.
4. Place 3" of ½" maximum aggregate asphalt concrete in two lifts.

As we discussed, a typical track structural section can be 2.5" Asphalt Concrete / 6" Recycled Class 2 base rock. I have quoted the BASE BID this way because I think with the heavier section we might be able to bridge over the soft soil at the lowest cost to the district.

ADD ALTERNATE I – 5% Quicklime @ 18" Deep – []

It is anticipated, based on what we discovered on June 30th, that the subgrade will be yielding and may not be able to support the placement of the base rock and asphalt concrete. I have talked with

Griffin Soil, the areas most respected subcontractor for the stabilization of soft subgrade soils, who recommends the onsite soils be treated to an 18" depth in order to bridge these soils. For the **additional lump sum price of eighty one thousand dollars (\$81,000.00)** we will do the following additional work:

1. During the excavation of the material specified in step #1 of the BASE BID, we will excavate and offhaul additional soil to accommodate the infusion of 5% quicklime and the subsequent expansion of the material from this operation.
2. Mix 5% quicklime, by weight, for the full 18" depth.
3. After the quicklime has been given a day to react with the soil, we will remix the quicklime placed in step #2, compact and fine grade the subgrade so the base rock and asphalt specified in the BASE BID can be placed.

ADD ALTERNATE II – 5% Quicklime @ 12" Deep – []

Based on the soil generally found in the Milpitas area, Griffin recommends the 18" depth specified in **ADD ALTERNATE I**. However, if the soil is better than anticipated, we can do all of the work described in **ADD ALTERNATE I** except the 5% quicklime will only be placed to a 12" depth. This work can be done for the **additional lump sum price of sixty five thousand one hundred dollars (\$65,100.00)**.

ADD ALTERNATE III – 2.5" Asphalt Concrete / 6" Recycled Class 2 Base Rock – []

For the **lump sum price of two hundred eighty five thousand two hundred dollars (\$285,200.00)**, we will do all of the work described in the **BASE BID** except the structural section has been reduced to a more typical track surface. This option, in my opinion, can only be used **in conjunction** with **ADD ALTERNATE I** or **ADD ALTERNATE II**. The **total cost of ADD ALTERNATE I & ADD ALTERNATE III** is **\$366,200** and the **total cost of ADD ALTERNATE II & ADD ALTERNATE III** is **\$350,300**.

Based on the above numbers, the **BASE BID** is your cheapest cost by \$49,200 and \$33,300 respectively.

Exclusions:

- Cost of any permits
- Overexcavation, compaction, or stabilization of subgrade material below plane of work in the BASE BID or BID ALTERNATE
- Removal and/or replacement of existing pavement surrounding the track that may be further damaged due to our paving operation
- Hours of operation outside of the Monday through Friday 7am to 4 pm work day
- Any work not specifically stated above

Very truly yours,

Interstate Grading and Paving, Inc.
H. Michael Pariani
H. Michael Pariani
President

Please designate with scopes of work you want performed by placing an X in the appropriate box(s) []. You are authorized to do the work as specified.

1. **Scope of Work** - The scope of work covered by this proposal is limited to that work specifically stated in preceding pages.
2. **Payment** - Payment to contractor for work performed under this agreement shall be made within 15 calendar days of the date of progress invoice or completed job invoice. If payment is not received when due, contractor shall have the right to stop work as set forth in Paragraph 3. A service charge at the legal maximum rate will be levied. Customer agrees to pay all costs incurred in collecting including reasonable attorney's fees. In the event Contractor terminates the contract under Paragraph 3, contractor shall abandon that portion of the work remaining under this agreement and he shall be entitled to payment in full for all work performed, plus 20% (twenty percent) of the estimated value of the work so abandoned to compensate him for demobilization, loss of overhead, plant and office expense, and anticipated profit.
3. **Right to Stop Work** - Contractor shall have the right to stop work if any payment shall not be made timely to contractor under this agreement; contractor may keep the job idle until payments due are received. Furthermore, the contractor may at his option terminate the contract and the owner shall be liable to the contractor for breach of contract.
4. **Additional Work or Changes** - Additional work or changes may be ordered in writing by the customer at anytime, for which the customer agrees to pay in addition to the contract price named herein, a price agreed upon or at our current regular rates for time and material work.
5. **Verbal Orders** - Verbal orders per owners or agents directions for additional work or changes on jobsite will be equally binding and under the same terms and conditions of original contract.
6. **Payments for Additional Work or Changes** - Payments for additional work or changes to the original contract shall be made under the same terms and conditions as are embodied in the original contract.
7. **Fees** - All fees for any bond, permits, testing, inspection, etc. shall be paid for by owner.
8. **Unavoidable Interruptions** - It is hereby mutually agreed that the contractor shall not be held responsible or reliable for any loss, damage or delay caused by fire, strikes, civil or military authority, or any other cause beyond his control, including weather conditions.
9. **Underground Utilities** - It is understood that the contractor will not be responsible for any damage caused to any underground services in connection with the above-mentioned construction. Said damage will be the sole responsibility of the customer. Delays caused by utilities will be paid to contractor at his normal time and material rate.
10. **Liquidated Damages** - The contractor shall not be liable for any charges for liquidated damages resulting from delay in completion of the work caused by factors beyond his control.
11. **Transfer of Title** - if the customer disposes of the real estate by sale or otherwise, the full amount remaining unpaid on this contract becomes due at once and payable within 48 hours after date of such disposal.
12. **Attorney's Fees** - In the event either contractor or owner or agent institutes suit in court against the surety of such party, in connection with any dispute or matter arising under this agreement, the party which prevails in that suit shall be entitled to recover from the other its attorney's fees in reasonable amount, which shall be determined by the court and included in the judgment in said suit.
13. **Insurance** - This agreement includes normal insurance requirements. If excessive amounts or additional insured endorsements are required by owner or agent, contractor reserves the right to increase the amount of the contract accordingly.
14. **Notice to Owner** - Under the California Mechanics Lien Law any contractor, subcontractor, laborer, supplier or other person who helps to improve your property, but is not paid for his/her work or supplies, has a right to enforce a claim against your property. This means that after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the indebtedness. This can happen even if you have paid your contractor in full if the subcontractors, laborers, or suppliers remain unpaid.
15. **Notice** - Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, 9821 Business Park Drive, Sacramento, CA 95827. Mailing Address: P.O. Box 26000, Sacramento, CA 95826.
16. **Time of Completion** - The work to be performed by contractor pursuant to this agreement shall be commenced within 3 working days after a signed copy is received at Interstate Grading and Paving's Office, and shall be substantially completed in twelve (12) working days.
17. **Hazardous Materials** - This bid does not concern itself with the cost associated with the exploration and/or removal of hazardous material. This work will be done on a Time and Material basis.

PROJECT : 160606CO2

ITEM SHEET COSTS
AS SHOWN

Date : 7/6/2016 8:25:56 AM

ITEM : 01
 DESCRIPTION : REMOVE AC/DIRT - REPLACE WITH 3" AC/9" R
 ECYCLED AB

U/M : LS
 BID QTY : 1.00
 TO QTY : 1.00
 TOTAL MHS : 700.00
 MHS / UNIT : 700.0000
 UNITS / MH : 0.0014

COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01	REMOVE AC/DIRT - REPLACE WITH 3" AC/	LS	1.00	1.00	1.00
01.01	Grind off 2.5" Rubber & AC	SF	43500.00	43500.00	1.00
01.02	Grind 10.0" Dirt - figure new rubber surface to	SF	43500.00	43500.00	1.00
01.03	Scarify & Grade Subgrade	SF	43500.00	29000.00	1.50
01.04	Place 9" Recycled CI 2 AB	TON	2450.00	1225.00	2.00
01.05	Fine Grade AB for Asphalt	SF	43500.00	21750.00	2.00
01.06	3" Asphalt Paving (2 Lifts)	TON	820.00	656.00	1.25
01.07	Moves	LS	1.00	0.25	4.00
01.08	General Conditions	LS	1.00	1.00	1.00

Total Days Reqd: 14.75

Cost Detail for Item 01

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
I 01.01	Grind off 2.5" Rubber & AC	43500.000	SF	1.000	1.331	57920.02
I 01.02	Grind 10.0" Dirt - figure new r	43500.000	SF	1.000	1.359	59112.73
I 01.03	Scarify & Grade Subgrade	43500.000	SF	1.000	0.281	12203.40
I 01.04	Place 9" Recycled CI 2 AB	2450.000	TON	1.000	20.998	51445.45
I 01.05	Fine Grade AB for Asphalt	43500.000	SF	1.000	0.381	16586.72
I 01.06	3" Asphalt Paving (2 Lifts)	820.000	TON	1.000	84.607	69377.52
I 01.07	Moves	1.000	LS	1.000	4787.280	4787.28
I 01.08	General Conditions	1.000	LS	1.000	4200.000	4200.00

Item Unit Cost : 275,633.11

Item Total Cost : 275,633.11

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	54,146.86	37,902.18	36,280.00	97,054.08	50,250.00	0.00
Unit :	54,146.86	37,902.18	36,280.00	97,054.08	50,250.00	0.00

Bid Data for Item: 01

	<u>Quantity</u>	<u>Bid Unit</u>	<u>Bid Amt.</u>	<u>Total Cost</u>	<u>Prof & Ovhd</u>	<u>Windfall</u>
Bid Qty.	1.00	317,000.00	317,000.00	275,633.11	41,366.89	
Takeoff Qty.	1.00	317,000.00	317,000.00	275,633.11	41,366.89	0.00

ITEM : 01.01
 DESCRIPTION : Grind off 2.5" Rubber & AC
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 72.00
 MHS / UNIT : 0.0017
 UNITS / MH : 604.1675

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
01.01	Grind off 2.5" Rubber & AC	SF	43500.00	43500.00	1.00

Cost Detail for Item 01.01

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
	rubber - 43,500 x 0.085 x 55#/cf/2000 = 102 tons					
	AC - 43,500 x 0.125 x 155 #/cf/2000 = 422 ton					
M WRITEIN	Dump Fee - HMB	524.000	TON	1.000	71.000	37204.00
L OPER 1	FOREMAN GR 1	1.000		1.000	720.650	720.65
E 072	PICKUP - 3/4 TON	1.000		1.000	182.080	182.08
L OPER 2	O/E GR 2	2.000		1.000	704.042	1408.08
E 378	JD 210LE LOADER W/CLA	1.000		1.000	416.800	416.80
E 380	CASE 580SL HOE W/4-WD	1.000		1.000	474.880	474.88
L LAB 3	LAB GR 3	2.000		1.000	503.359	1006.72
E 069	FLATBED - 1 TON	1.000		1.000	182.080	182.08
R 752	COLD PLANER - MED 6'-8"	1.000		1.000	4000.000	4000.00
L TEAMS 3	TEAMSTER - GROUP 3	4.000		1.000	548.141	2192.56
E 132	SEMI TRACTOR	4.000		1.000	502.560	2010.24
E 143-611	SEMI END DUMP TRAILER	4.000		1.000	130.480	521.92
R 917	SEMI END-DUMP TRUCK R	10.000		1.000	760.000	7600.00

Item Unit Cost : 1.33

Item Total Cost : 57,920.02

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	5,328.02	3,788.00	11,600.00	37,204.00	0.00	0.00
Unit :	0.12	0.09	0.27	0.86	0.00	0.00

ITEM : 01.02
 DESCRIPTION : Grind 10.0" Dirt - figure new rubber sur
 face to be 1/2" thick
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 40.00
 MHS / UNIT : 0.0009
 UNITS / MH : 1087.5003

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01.02	Grind 10.0" Dirt - figure new rubber surface to	SF	43500.00	43500.00	1.00

Cost Detail for Item 01.02

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
	43,500 x .83 / 27 = 1340 CY					
S WRITEIN	Haul & Dispose	134.000	LDS	1.000	375.000	50250.00
L OPER 1	FOREMAN GR 1	1.000		1.000	720.650	720.65
E 072	PICKUP - 3/4 TON	1.000		1.000	182.080	182.08
L LAB 3	LAB GR 3	2.000		1.000	503.359	1006.72
E 069	FLATBED - 1 TON	1.000		1.000	182.080	182.08
L OPER 2	O/E GR 2	2.000		1.000	704.042	1408.08
E 359	CAT 140H MOTOR GRADE	1.000		1.000	946.320	946.32
E 388	JD 210LE LOADER W/4-WD	1.000		1.000	416.800	416.80
R 752	COLD PLANER - MED 6'-8"	1.000		1.000	4000.000	4000.00

Item Unit Cost : 1.36

Item Total Cost : 59,112.73

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	3,135.45	1,727.28	4,000.00	0.00	50,250.00	0.00
Unit :	0.07	0.04	0.09	0.00	1.16	0.00

ITEM : 01.03
 DESCRIPTION : Scarify & Grade Subgrade
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 96.00
 MHS / UNIT : 0.0022
 UNITS / MH : 453.1243

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01.03	Scarify & Grade Subgrade	SF	43500.00	29000.00	1.50

Cost Detail for Item 01.03

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		1.500	720.650	1080.98
E 072	PICKUP - 3/4 TON	1.000		1.500	182.080	273.12
L LAB 3	LAB GR 3	2.000		1.500	503.359	1510.08
E 069	FLATBED - 1 TON	1.000		1.500	182.080	273.12
L TEAMS 3	TEAMSTER - GROUP 3	1.000		1.500	548.141	822.21
E 134	WATER TRUCK 3,000 GAL	1.000		1.500	367.760	551.64
L OPER 2	O/E GR 2	4.000		1.500	704.042	4224.25
E 359	CAT 140H MOTOR GRADE	1.000		1.500	946.320	1419.48
E 378	JD 210LE LOADER W/CLA	1.000		1.500	416.800	625.20
E 416	CAT CS 563E VIBRATORY	1.000		1.500	948.880	1423.32

Item Unit Cost : 0.28

Item Total Cost : 12,203.40

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	7,637.52	4,565.88	0.00	0.00	0.00	0.00
Unit :	0.18	0.10	0.00	0.00	0.00	0.00

ITEM : 01.04
 DESCRIPTION : Place 9" Recycled CI 2 AB
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : TON
 BID QTY : 2450.00
 TO QTY : 2450.00
 TOTAL MHS : 192.00
 MHS / UNIT : 0.0784
 UNITS / MH : 12.7604

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
01.04	Place 9" Recycled CI 2 AB	TON	2450.00	1225.00	2.00

Cost Detail for Item 01.04

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
M 814	RECYCLE CL II AB - 3/4" SC	2450.000	TON	1.000	4.916	12044.81
R 918	BOTTOM-DUMP TRUCK RE	9.000		2.000	760.000	13680.00
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
L TEAMS 3	TEAMSTER - GROUP 3	4.000		2.000	548.141	4385.13
E 132	SEMI TRACTOR	4.000		2.000	502.560	4020.48
E 132-624	SEMI BOTTOM DUMP TRAI	4.000		2.000	130.480	1043.84
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		2.000	704.042	5632.34
E 359	CAT 140H MOTOR GRADE	1.000		2.000	946.320	1892.64
E 378	JD 210LE LOADER W/CLA	1.000		2.000	416.800	833.60
E 416	CAT CS 563E VIBRATORY	1.000		2.000	948.880	1897.76

Item Unit Cost : 21.00

Item Total Cost : 51,445.45

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	14,568.48	11,152.16	13,680.00	12,044.81	0.00	0.00
Unit :	5.95	4.55	5.58	4.92	0.00	0.00

ITEM : 01.05
 DESCRIPTION : Fine Grade AB for Asphalt
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 128.00
 MHS / UNIT : 0.0029
 UNITS / MH : 339.8436

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01.05	Fine Grade AB for Asphalt	SF	43500.00	21750.00	2.00

Cost Detail for Item 01.05

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
E 707	ROCK TAMPER	2.000		2.000	78.880	315.52
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		2.000	704.042	5632.34
E 359	CAT 140H MOTOR GRADE	1.000		2.000	946.320	1892.64
E 378	JD 210LE LOADER W/CLA	1.000		2.000	416.800	833.60
E 416	CAT CS 563E VIBRATORY	1.000		2.000	948.880	1897.76

Item Unit Cost : 0.38

Item Total Cost : 16,586.72

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	10,183.36	6,403.36	0.00	0.00	0.00	0.00
Unit :	0.23	0.15	0.00	0.00	0.00	0.00

ITEM : 01.06
DESCRIPTION : 3" Asphalt Paving (2 Lifts)

U/M : TON
BID QTY : 820.00
TO QTY : 820.00
TOTAL MHS : 132.00
MHS / UNIT : 0.1610
UNITS / MH : 6.2121

COST CODE :
PRODUCTION : Days
HRS/DAY : 8

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
01.06	3" Asphalt Paving (2 Lifts)	TON	820.00	656.00	1.25

Cost Detail for Item 01.06

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
M 803	1/2" AC - SUNOL	820.000	TON	1.000	54.750	44895.00
M 801	ENVIRONMENTAL FEE	41.000	LDS	1.000	7.500	307.50
R 911	SUPER 10'S	7.000		1.250	800.000	7000.00
L OPER 1	FOREMAN GR 1	1.000		1.250	720.650	900.81
E 072	PICKUP - 3/4 TON	1.000		1.250	182.080	227.60
L OPER 2	O/E GR 2	4.000		1.250	704.042	3520.21
L LAB CSP	LAB CONSTRUCTION SPE	3.000		1.250	516.928	1938.48
L LAB 3	LAB GR 3	2.000		1.250	503.359	1258.40
E 072	PICKUP - 3/4 TON	1.000		1.250	182.080	227.60
E 095	TACK OIL TRUCK	1.000		1.250	464.720	580.90
E 701	ASPHALT WACKER PLATE	2.000		1.250	78.880	197.20
L TEAMS 3	TEAMSTER - GROUP 3	1.000		1.250	548.141	685.18
E 155	SUPER TAG DUMP TRUCK	1.000		1.250	640.480	800.60
E 235-249	CAT 1055F PAVER	1.000		1.250	2552.000	3190.00
E 378	JD 210LE LOADER W/CLA	1.000		1.250	416.800	521.00
E 409	HYPAC 766B ROLLER	1.000		1.250	734.080	917.60
E 419	CAT CB54 XW 79" DRUM R	1.000		1.250	818.780	1023.48
M 862	SS-1H EMULSION @\$1328/	100.000	GAL	1.000	6.028	602.77
L OPER 1 OT	FOREMAN O/T PREMIUM (	1.000		0.250	258.245	64.56
L LAB OT	LAB O/T PREMIUM GR 1 (1-	5.000		0.250	178.677	223.35
L OPER OT	OPERATOR O/T PREMIUM	4.000		0.250	249.941	249.94
L TEAMS OT	TEAM O/T PREMIUM GR 3 (	1.000		0.250	181.390	45.35

Item Unit Cost : 84.61

Item Total Cost : 69,377.52

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	8,886.27	7,685.98	7,000.00	45,805.27	0.00	0.00
Unit :	10.84	9.37	8.54	55.86	0.00	0.00

ITEM : 01.07
DESCRIPTION : Moves

COST CODE :
PRODUCTION : Days
HRS/DAY : 8

U/M : LS
BID QTY : 1.00
TO QTY : 1.00
TOTAL MHS : 32.00
MHS / UNIT : 32.0000
UNITS / MH : 0.0313

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01.07	Moves	LS	1.00	0.25	4.00

Cost Detail for Item 01.07

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
C MOBILIZE	MOBILIZATION TRANSP					
L TEAMS 4	TEAMSTER - GROUP 4 LO	1.000		4.000	551.940	2207.76
E 146	SEMI TRACTOR	1.000		4.000	502.560	2010.24
E 153-609	MURRAY TRAILER	1.000		4.000	142.320	569.28

Item Unit Cost : 4,787.28

Item Total Cost : 4,787.28

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	2,207.76	2,579.52	0.00	0.00	0.00	0.00
Unit :	2,207.76	2,579.52	0.00	0.00	0.00	0.00

ITEM : 01.08
 DESCRIPTION : General Conditions
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : LS
 BID QTY : 1.00
 TO QTY : 1.00
 TOTAL MHS : 8.00
 MHS / UNIT : 8.0000
 UNITS / MH : 0.1250

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
01.08	General Conditions	LS	1.00	1.00	1.00

Cost Detail for Item 01.08

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
M WRITEIN	Small Tools	1.000	LS	1.000	500.000	500.00
M WRITEIN	Construction Water	1.000	LS	1.000	1500.000	1500.00
L WRITEIN	Project Manager	1.000	LS	1.000	2200.000	2200.00

Item Unit Cost : 4,200.00

Item Total Cost : 4,200.00

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	2,200.00	0.00	0.00	2,000.00	0.00	0.00
Unit :	2,200.00	0.00	0.00	2,000.00	0.00	0.00

PROJECT : 160606CO2

ITEM SHEET COSTS
AS SHOWN

Date : 7/6/2016 8:25:57 AM

ITEM : 02
DESCRIPTION : REMOVE AC/DIRT REPLACE W/ 2.5" AC/6" ABU/M : LS
BID QTY : 1.00
TO QTY : 1.00
TOTAL MHS : 700.00
MHS / UNIT : 700.0000
UNITS / MH : 0.0014COST CODE :
PRODUCTION : Days
HRS/DAY : 8
ALTERNATE : Alternate #1

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02	REMOVE AC/DIRT REPLACE W/ 2.5" AC/6"	LS	1.00	1.00	1.00
02.01	Grind off 2.5" Rubber & AC	SF	43500.00	43500.00	1.00
02.02	Grind 6.5" Dirt - figure new rubber surface to	SF	43500.00	43500.00	1.00
02.03	Scarify & Grade Subgrade	SF	43500.00	29000.00	1.50
02.04	Place 6" Recycled CI 2 AB	TON	1650.00	825.00	2.00
02.05	Fine Grade AB for Asphalt	SF	43500.00	21750.00	2.00
02.06	3" Asphalt Paving (2 Lifts)	TON	820.00	656.00	1.25
02.07	Moves	LS	1.00	0.25	4.00
02.08	General Conditions	LS	1.00	1.00	1.00

Total Days Reqd: 14.75

Cost Detail for Item 02

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
I 02.01	Grind off 2.5" Rubber & AC	43500.000	SF	1.000	1.331	57920.02
I 02.02	Grind 6.5" Dirt - figure new ru	43500.000	SF	1.000	0.954	41487.73
I 02.03	Scarify & Grade Subgrade	43500.000	SF	1.000	0.281	12203.40
I 02.04	Place 6" Recycled CI 2 AB	1650.000	TON	1.000	25.111	41432.45
I 02.05	Fine Grade AB for Asphalt	43500.000	SF	1.000	0.381	16586.72
I 02.06	3" Asphalt Paving (2 Lifts)	820.000	TON	1.000	84.607	69377.52
I 02.07	Moves	1.000	LS	1.000	4787.280	4787.28
I 02.08	General Conditions	1.000	LS	1.000	4200.000	4200.00

Item Unit Cost : 247,995.11

Item Total Cost : 247,995.11

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	54,146.86	37,902.18	30,200.00	93,121.08	32,625.00	0.00
Unit :	54,146.86	37,902.18	30,200.00	93,121.08	32,625.00	0.00

Bid Data for Item: 02

	<u>Quantity</u>	<u>Bid Unit</u>	<u>Bid Amt.</u>	<u>Total Cost</u>	<u>Prof & Ovhd</u>	<u>Windfall</u>
Bid Qty.	1.00	285,200.00	285,200.00	247,995.11	37,204.89	
Takeoff Qty.	1.00	285,200.00	285,200.00	247,995.11	37,204.89	0.00

ITEM : 02.01
 DESCRIPTION : Grind off 2.5" Rubber & AC
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 72.00
 MHS / UNIT : 0.0017
 UNITS / MH : 604.1675

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
02.01	Grind off 2.5" Rubber & AC	SF	43500.00	43500.00	1.00

Cost Detail for Item 02.01

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
	rubber - 43,500 x 0.085 x 55#/cf/2000 = 102 tons					
	AC - 43,500 x 0.125 x 155 #/cf/2000 = 422 ton					
M WRITEIN	Dump Fee - HMB	524.000	TON	1.000	71.000	37204.00
L OPER 1	FOREMAN GR 1	1.000		1.000	720.650	720.65
E 072	PICKUP - 3/4 TON	1.000		1.000	182.080	182.08
L OPER 2	O/E GR 2	2.000		1.000	704.042	1408.08
E 378	JD 210LE LOADER W/CLA	1.000		1.000	416.800	416.80
E 380	CASE 580SL HOE W/4-WD	1.000		1.000	474.880	474.88
L LAB 3	LAB GR 3	2.000		1.000	503.359	1006.72
E 069	FLATBED - 1 TON	1.000		1.000	182.080	182.08
R 752	COLD PLANER - MED 6'-8"	1.000		1.000	4000.000	4000.00
L TEAMS 3	TEAMSTER - GROUP 3	4.000		1.000	548.141	2192.56
E 132	SEMI TRACTOR	4.000		1.000	502.560	2010.24
E 143-611	SEMI END DUMP TRAILER	4.000		1.000	130.480	521.92
R 917	SEMI END-DUMP TRUCK R	10.000		1.000	760.000	7600.00

Item Unit Cost : 1.33

Item Total Cost : 57,920.02

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	5,328.02	3,788.00	11,600.00	37,204.00	0.00	0.00
Unit :	0.12	0.09	0.27	0.86	0.00	0.00

ITEM : 02.02
 DESCRIPTION : Grind 6.5" Dirt - figure new rubber surf
 ace to be 1/2" thick
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 40.00
 MHS / UNIT : 0.0009
 UNITS / MH : 1087.5003

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02.02	Grind 6.5" Dirt - figure new rubber surface to	SF	43500.00	43500.00	1.00

Cost Detail for Item 02.02

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
	43,500 x .54 / 27 = 870 CY					
S WRITEIN	Haul & Dispose	87.000	LDS	1.000	375.000	32625.00
L OPER 1	FOREMAN GR 1	1.000		1.000	720.650	720.65
E 072	PICKUP - 3/4 TON	1.000		1.000	182.080	182.08
L LAB 3	LAB GR 3	2.000		1.000	503.359	1006.72
E 069	FLATBED - 1 TON	1.000		1.000	182.080	182.08
L OPER 2	O/E GR 2	2.000		1.000	704.042	1408.08
E 359	CAT 140H MOTOR GRADE	1.000		1.000	946.320	946.32
E 388	JD 210LE LOADER W/4-WD	1.000		1.000	416.800	416.80
R 752	COLD PLANER - MED 6'-8"	1.000		1.000	4000.000	4000.00

Item Unit Cost : 0.95

Item Total Cost : 41,487.73

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	3,135.45	1,727.28	4,000.00	0.00	32,625.00	0.00
Unit :	0.07	0.04	0.09	0.00	0.75	0.00

ITEM : 02.03
 DESCRIPTION : Scarify & Grade Subgrade
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 96.00
 MHS / UNIT : 0.0022
 UNITS / MH : 453.1243

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02.03	Scarify & Grade Subgrade	SF	43500.00	29000.00	1.50

Cost Detail for Item 02.03

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		1.500	720.650	1080.98
E 072	PICKUP - 3/4 TON	1.000		1.500	182.080	273.12
L LAB 3	LAB GR 3	2.000		1.500	503.359	1510.08
E 069	FLATBED - 1 TON	1.000		1.500	182.080	273.12
L TEAMS 3	TEAMSTER - GROUP 3	1.000		1.500	548.141	822.21
E 134	WATER TRUCK 3,000 GAL	1.000		1.500	367.760	551.64
L OPER 2	O/E GR 2	4.000		1.500	704.042	4224.25
E 359	CAT 140H MOTOR GRADE	1.000		1.500	946.320	1419.48
E 378	JD 210LE LOADER W/CLA	1.000		1.500	416.800	625.20
E 416	CAT CS 563E VIBRATORY	1.000		1.500	948.880	1423.32

Item Unit Cost : 0.28

Item Total Cost : 12,203.40

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	7,637.52	4,565.88	0.00	0.00	0.00	0.00
Unit :	0.18	0.10	0.00	0.00	0.00	0.00

ITEM : 02.04
 DESCRIPTION : Place 6" Recycled CI 2 AB
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : TON
 BID QTY : 1650.00
 TO QTY : 1650.00
 TOTAL MHS : 192.00
 MHS / UNIT : 0.1164
 UNITS / MH : 8.5937

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
02.04	Place 6" Recycled CI 2 AB	TON	1650.00	825.00	2.00

Cost Detail for Item 02.04

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
M 814	RECYCLE CL II AB - 3/4" SC	1650.000	TON	1.000	4.916	8111.81
R 918	BOTTOM-DUMP TRUCK RE	5.000		2.000	760.000	7600.00
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
L TEAMS 3	TEAMSTER - GROUP 3	4.000		2.000	548.141	4385.13
E 132	SEMI TRACTOR	4.000		2.000	502.560	4020.48
E 132-624	SEMI BOTTOM DUMP TRAI	4.000		2.000	130.480	1043.84
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		2.000	704.042	5632.34
E 359	CAT 140H MOTOR GRADE	1.000		2.000	946.320	1892.64
E 378	JD 210LE LOADER W/CLA	1.000		2.000	416.800	833.60
E 416	CAT CS 563E VIBRATORY	1.000		2.000	948.880	1897.76

Item Unit Cost : 25.11

Item Total Cost : 41,432.45

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	14,568.48	11,152.16	7,600.00	8,111.81	0.00	0.00
Unit :	8.83	6.76	4.61	4.92	0.00	0.00

ITEM : 02.05
 DESCRIPTION : Fine Grade AB for Asphalt
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 128.00
 MHS / UNIT : 0.0029
 UNITS / MH : 339.8436

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02.05	Fine Grade AB for Asphalt	SF	43500.00	21750.00	2.00

Cost Detail for Item 02.05

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
E 707	ROCK TAMPER	2.000		2.000	78.880	315.52
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		2.000	704.042	5632.34
E 359	CAT 140H MOTOR GRADE	1.000		2.000	946.320	1892.64
E 378	JD 210LE LOADER W/CLA	1.000		2.000	416.800	833.60
E 416	CAT CS 563E VIBRATORY	1.000		2.000	948.880	1897.76

Item Unit Cost : 0.38

Item Total Cost : 16,586.72

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	10,183.36	6,403.36	0.00	0.00	0.00	0.00
Unit :	0.23	0.15	0.00	0.00	0.00	0.00

ITEM : 02.06
DESCRIPTION : 3" Asphalt Paving (2 Lifts)

U/M : TON
BID QTY : 820.00
TO QTY : 820.00
TOTAL MHS : 132.00
MHS / UNIT : 0.1610
UNITS / MH : 6.2121

COST CODE :
PRODUCTION : Days
HRS/DAY : 8

Item Production

ITEM#	DESCRIPTION	U/M	QTY	UNITS/DAY	DAYS REQD
02.06	3" Asphalt Paving (2 Lifts)	TON	820.00	656.00	1.25

Cost Detail for Item 02.06

C CODE	DESCRIPTION	QUANTITY	U/M	FACTORS	RATE	COSTS
M 803	1/2" AC - SUNOL	820.000	TON	1.000	54.750	44895.00
M 801	ENVIRONMENTAL FEE	41.000	LDS	1.000	7.500	307.50
R 911	SUPER 10'S	7.000		1.250	800.000	7000.00
L OPER 1	FOREMAN GR 1	1.000		1.250	720.650	900.81
E 072	PICKUP - 3/4 TON	1.000		1.250	182.080	227.60
L OPER 2	O/E GR 2	4.000		1.250	704.042	3520.21
L LAB CSP	LAB CONSTRUCTION SPE	3.000		1.250	516.928	1938.48
L LAB 3	LAB GR 3	2.000		1.250	503.359	1258.40
E 072	PICKUP - 3/4 TON	1.000		1.250	182.080	227.60
E 095	TACK OIL TRUCK	1.000		1.250	464.720	580.90
E 701	ASPHALT WACKER PLATE	2.000		1.250	78.880	197.20
L TEAMS 3	TEAMSTER - GROUP 3	1.000		1.250	548.141	685.18
E 155	SUPER TAG DUMP TRUCK	1.000		1.250	640.480	800.60
E 235-249	CAT 1055F PAVER	1.000		1.250	2552.000	3190.00
E 378	JD 210LE LOADER W/CLA	1.000		1.250	416.800	521.00
E 409	HYPAC 766B ROLLER	1.000		1.250	734.080	917.60
E 419	CAT CB54 XW 79" DRUM R	1.000		1.250	818.780	1023.48
M 862	SS-1H EMULSION @\$1328/	100.000	GAL	1.000	6.028	602.77
L OPER 1 OT	FOREMAN O/T PREMIUM (	1.000		0.250	258.245	64.56
L LAB OT	LAB O/T PREMIUM GR 1 (1-	5.000		0.250	178.677	223.35
L OPER OT	OPERATOR O/T PREMIUM	4.000		0.250	249.941	249.94
L TEAMS OT	TEAM O/T PREMIUM GR 3 (	1.000		0.250	181.390	45.35

Item Unit Cost : 84.61

Item Total Cost : 69,377.52

	Labor	Equipment	Rental Eq	Material	Subcontract	Other
Total :	8,886.27	7,685.98	7,000.00	45,805.27	0.00	0.00
Unit :	10.84	9.37	8.54	55.86	0.00	0.00

ITEM : 02.07
DESCRIPTION : Moves

COST CODE :
PRODUCTION : Days
HRS/DAY : 8

U/M : LS
BID QTY : 1.00
TO QTY : 1.00
TOTAL MHS : 32.00
MHS / UNIT : 32.0000
UNITS / MH : 0.0313

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02.07	Moves	LS	1.00	0.25	4.00

Cost Detail for Item 02.07

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
C MOBILIZE	MOBILIZATION TRANSP					
L TEAMS 4	TEAMSTER - GROUP 4 LO	1.000		4.000	551.940	2207.76
E 146	SEMI TRACTOR	1.000		4.000	502.560	2010.24
E 153-609	MURRAY TRAILER	1.000		4.000	142.320	569.28

Item Unit Cost : 4,787.28

Item Total Cost : 4,787.28

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	2,207.76	2,579.52	0.00	0.00	0.00	0.00
Unit :	2,207.76	2,579.52	0.00	0.00	0.00	0.00

ITEM : 02.08
 DESCRIPTION : General Conditions
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : LS
 BID QTY : 1.00
 TO QTY : 1.00
 TOTAL MHS : 8.00
 MHS / UNIT : 8.0000
 UNITS / MH : 0.1250

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
02.08	General Conditions	LS	1.00	1.00	1.00

Cost Detail for Item 02.08

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
M WRITEIN	Small Tools	1.000	LS	1.000	500.000	500.00
M WRITEIN	Construction Water	1.000	LS	1.000	1500.000	1500.00
L WRITEIN	Project Manager	1.000	LS	1.000	2200.000	2200.00

Item Unit Cost : 4,200.00

Item Total Cost : 4,200.00

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	2,200.00	0.00	0.00	2,000.00	0.00	0.00
Unit :	2,200.00	0.00	0.00	2,000.00	0.00	0.00

ITEM : 03
DESCRIPTION : ALT. 18" LIME TREAT SUBGRADE

U/M : LS
BID QTY : 1.00
TO QTY : 1.00
TOTAL MHS : 106.00
MHS / UNIT : 106.0000
UNITS / MH : 0.0094

COST CODE :
PRODUCTION : Days
HRS/DAY : 8
ALTERNATE : Alternate #2

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
03	ALT. 18" LIME TREAT SUBGRADE	LS	1.00	1.00	1.00
03.01	Support for Lime	SF	43500.00	43500.00	1.00
03.02	Additional Excavation for Lime Fluff	CY	225.00	900.00	0.25

Total Days Reqd: 2.25

Cost Detail for Item 03

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
S SMC 1	GRIFFIN	43500.000	sf	1.000	1.130	49155.00
I 03.01	Support for Lime	43500.000	SF	1.000	0.256	11143.03
I 03.02	Additional Excavation for Lim	225.000	CY	1.000	44.894	10101.12

Item Unit Cost : 70,399.15

Item Total Cost : 70,399.15

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	8,151.05	4,043.10	1,000.00	0.00	57,205.00	0.00
Unit :	8,151.05	4,043.10	1,000.00	0.00	57,205.00	0.00

Bid Data for Item: 03

	<u>Quantity</u>	<u>Bid Unit</u>	<u>Bid Amt.</u>	<u>Total Cost</u>	<u>Prof & Ovhd</u>	<u>Windfall</u>
Bid Qty.	1.00	81,000.00	81,000.00	70,399.15	10,600.85	
Takeoff Qty.	1.00	81,000.00	81,000.00	70,399.15	10,600.85	0.00

ITEM : 03.01
 DESCRIPTION : Support for Lime
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 96.00
 MHS / UNIT : 0.0022
 UNITS / MH : 453.1243

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
03.01	Support for Lime	SF	43500.00	43500.00	1.00

Cost Detail for Item 03.01

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		1.000	704.042	2816.17
E 359	CAT 140H MOTOR GRADE	1.000		1.000	946.320	946.32
E 378	JD 210LE LOADER W/CLA	1.000		1.000	416.800	416.80
E 416	CAT CS 563E VIBRATORY	1.000		1.000	948.880	948.88

Item Unit Cost : 0.26

Item Total Cost : 11,143.03

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	7,367.19	3,775.84	0.00	0.00	0.00	0.00
Unit :	0.17	0.09	0.00	0.00	0.00	0.00

ITEM : 03.02
 DESCRIPTION : Additional Excavation for Lime Fluff
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : CY
 BID QTY : 225.00
 TO QTY : 225.00
 TOTAL MHS : 10.00
 MHS / UNIT : 0.0444
 UNITS / MH : 22.5000

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
03.02	Additional Excavation for Lime Fluff	CY	225.00	900.00	0.25

Cost Detail for Item 03.02

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
	43,500 x .14 / 27 = 225 CY					
S WRITEIN	Haul & Dispose	23.000	LDS	1.000	350.000	8050.00
L OPER 1	FOREMAN GR 1	1.000		0.250	720.650	180.16
E 072	PICKUP - 3/4 TON	1.000		0.250	182.080	45.52
L OPER 2	O/E GR 2	2.000		0.250	704.042	352.02
E 392	JD 210LE LOADER W/4-WD	1.000		0.250	416.800	104.20
E 393	CASE 580M HOE W/4WD &	1.000		0.250	470.160	117.54
L LAB 3	LAB GR 3	2.000		0.250	503.359	251.68
R 752	COLD PLANER - MED 6'-8"	1.000		0.250	4000.000	1000.00

Item Unit Cost : 44.89

Item Total Cost : 10,101.12

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	783.86	267.26	1,000.00	0.00	8,050.00	0.00
Unit :	3.48	1.19	4.44	0.00	35.78	0.00

ITEM : 04
DESCRIPTION : ALT 12" LIME TREAT SUBGRADE

U/M : LS
BID QTY : 1.00
TO QTY : 1.00
TOTAL MHS : 106.00
MHS / UNIT : 106.0000
UNITS / MH : 0.0094

COST CODE :
PRODUCTION : Days
HRS/DAY : 8
ALTERNATE : Alternate #3

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
04	ALT 12" LIME TREAT SUBGRADE	LS	1.00	1.00	1.00
04.01	Support for Lime Treat	SF	43500.00	43500.00	1.00
04.02	Additional Excavation for Lime Fluff	CY	150.00	600.00	0.25

Total Days Reqd: 2.25

Cost Detail for Item 04

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
S SMC 1	GRIFFIN	43500.000	sf	1.000	0.870	37845.00
I 04.01	Support for Lime Treat	43500.000	SF	1.000	0.256	11143.03
I 04.02	Additional Excavation for Lim	150.000	CY	1.000	51.015	7652.30

Item Unit Cost : 56,640.33

Item Total Cost : 56,640.33

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	8,151.05	4,044.28	1,000.00	0.00	43,445.00	0.00
Unit :	8,151.05	4,044.28	1,000.00	0.00	43,445.00	0.00

Bid Data for Item: 04

	<u>Quantity</u>	<u>Bid Unit</u>	<u>Bid Amt.</u>	<u>Total Cost</u>	<u>Prof & Ovhd</u>	<u>Windfall</u>
Bid Qty.	1.00	65,100.00	65,100.00	56,640.33	8,459.67	
Takeoff Qty.	1.00	65,100.00	65,100.00	56,640.33	8,459.67	0.00

ITEM : 04.01
 DESCRIPTION : Support for Lime Treat
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : SF
 BID QTY : 43500.00
 TO QTY : 43500.00
 TOTAL MHS : 96.00
 MHS / UNIT : 0.0022
 UNITS / MH : 453.1243

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
04.01	Support for Lime Treat	SF	43500.00	43500.00	1.00

Cost Detail for Item 04.01

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
L OPER 1	FOREMAN GR 1	1.000		2.000	720.650	1441.30
E 072	PICKUP - 3/4 TON	1.000		2.000	182.080	364.16
L LAB 3	LAB GR 3	2.000		2.000	503.359	2013.44
E 069	FLATBED - 1 TON	1.000		2.000	182.080	364.16
L TEAMS 3	TEAMSTER - GROUP 3	1.000		2.000	548.141	1096.28
E 134	WATER TRUCK 3,000 GAL	1.000		2.000	367.760	735.52
L OPER 2	O/E GR 2	4.000		1.000	704.042	2816.17
E 359	CAT 140H MOTOR GRADE	1.000		1.000	946.320	946.32
E 378	JD 210LE LOADER W/CLA	1.000		1.000	416.800	416.80
E 416	CAT CS 563E VIBRATORY	1.000		1.000	948.880	948.88

Item Unit Cost : 0.26

Item Total Cost : 11,143.03

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	7,367.19	3,775.84	0.00	0.00	0.00	0.00
Unit :	0.17	0.09	0.00	0.00	0.00	0.00

ITEM : 04.02
 DESCRIPTION : Additional Excavation for Lime Fluff
 COST CODE :
 PRODUCTION : Days
 HRS/DAY : 8

U/M : CY
 BID QTY : 150.00
 TO QTY : 150.00
 TOTAL MHS : 10.00
 MHS / UNIT : 0.0667
 UNITS / MH : 15.0000

Item Production

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>U/M</u>	<u>QTY</u>	<u>UNITS/DAY</u>	<u>DAYS REQD</u>
04.02	Additional Excavation for Lime Fluff	CY	150.00	600.00	0.25

Cost Detail for Item 04.02

<u>C CODE</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>U/M</u>	<u>FACTORS</u>	<u>RATE</u>	<u>COSTS</u>
	43,500 x .10 / 27 = 160 CY					
S WRITEIN	Haul & Dispose	16.000	LDS	1.000	350.000	5600.00
L OPER 1	FOREMAN GR 1	1.000		0.250	720.650	180.16
E 072	PICKUP - 3/4 TON	1.000		0.250	182.080	45.52
L OPER 2	O/E GR 2	2.000		0.250	704.042	352.02
E 378	JD 210LE LOADER W/CLA	1.000		0.250	416.800	104.20
E 380	CASE 580SL HOE W/4-WD	1.000		0.250	474.880	118.72
L LAB 3	LAB GR 3	2.000		0.250	503.359	251.68
R 752	COLD PLANER - MED 6'-8"	1.000		0.250	4000.000	1000.00

Item Unit Cost : 51.02

Item Total Cost : 7,652.30

	<u>Labor</u>	<u>Equipment</u>	<u>Rental Eq</u>	<u>Material</u>	<u>Subcontract</u>	<u>Other</u>
Total :	783.86	268.44	1,000.00	0.00	5,600.00	0.00
Unit :	5.23	1.79	6.67	0.00	37.33	0.00

TRACK SURFACE = 43, 496.2 SQ. FT.

Ruler

Line Path Polygon Circle

Perimeter: 1,303.42 Feet

☒ Mouse Navigation Clear

← **INSIDE CURB LENGTH**

**OUTSIDE CURB LENGTH
= 1,547.5' LF**