

Received

Received

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

MAR 20 2019

MAR 08 2019

PST

- 1. CONTRACTOR: Cox Commercial Construction HINT
- 2. Change Order Work Limits: Sta. \_\_\_\_\_ to Sta. \_\_\_\_\_
- 3. Type of Change (on federal-aid non-exempt projects): Major (Major/Minor)
- 4. Reasons: 2E (3 Max. - In order of importance - Primary first)

HINTB Corporation  
 Project: 1608-108  
Round Rock  
 Roadway: RM 620 Ph2  
 CSJ  
 Number: \_\_\_\_\_

5. Describe the work being revised:

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (Item 9). This Change Order provides the final balancing for the overrun/underrun of Contract Quantities on the project as a result of addressing field conditions not accounted for in the original plans.

- 6. Work to be performed in accordance with Items: See attached
- 7. New or revised plan sheet(s) are attached and numbered: N/A
- 8. New Special Provisions/Specifications to the contract are attached: No
- 9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<p><i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i></p> <p>THE CONTRACTOR _____ Date <u>3/4/19</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>DARREN OKRATKIE</u></p> <p>Typed/Printed Title <u>S.P. VP</u></p>	<p><b>The following information must be provided</b></p> <p>Time Ext. #: <u>2</u> Days added on this CO: <u>70</u></p> <p>Amount added by this change order: <u>(\$247,076.96)</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 3/19/19  
 Project Manager Date

N/A  
 Design Engineer Date

[Signature] 3/20/2019  
 Program Manager Date

Design Engineer's Seal:

N/A

County Commissioner Precinct 1 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 2 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 3 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 4 Date  
 APPROVED  REQUEST APPROVAL

[Signature] 4/9/19  
 County Judge Date  
 APPROVED

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Project # 1608-108

**TABLE A:** Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		HOURLY RATE

**TABLE B:** Contract Items:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
104-6015	REMOVING CONC (SIDEWALKS)	SY	\$13.00	206.00	\$2,678.00	31.21	237.21	\$3,083.73	\$405.73
104-6017	REMOVING CONC (DRIVEWAYS)	SY	\$15.00	1,046.00	\$15,690.00	(250.70)	795.30	\$11,929.50	(\$3,760.50)
104-6022	REMOVING CONC (CURB AND GUTTER)	LF	\$8.00	1,845.00	\$14,760.00	(161.00)	1,684.00	\$13,472.00	(\$1,288.00)
105-6021	REMOVING STAB BASE & ASPH PAV(0-4")	SY	\$2.50	16,180.00	\$40,450.00	(9623.00)	6,557.00	\$16,392.50	(\$24,057.50)
162-6002	BLOCK SODDING	SY	\$4.00	3,238.00	\$12,952.00	(251.00)	2,987.00	\$11,948.00	(\$1,004.00)
164-6007	BROADCAST SEED (PERM)(URBAN)(CLAY)	SY	\$0.20	16,197.00	\$3,239.40	943.00	17,140.00	\$3,428.00	\$188.60
164-6009	BROADCAST SEED (TEMP)(WARM)	SY	\$0.20	8,072.00	\$1,614.40	(8072.00)	0.00	\$0.00	(\$1,614.40)
164-6011	BROADCAST SEED (TEMP)(COOL)	SY	\$0.20	8,072.00	\$1,614.40	(1334.00)	6,738.00	\$1,347.60	(\$266.80)
168-6001	VEGETATIVE WATERING	MG	\$20.00	469.00	\$9,380.00	61.00	530.00	\$10,600.00	\$1,220.00
169-6001	SOIL RETENTION BLANKET (CL 1)(TY A)	SY	\$1.20	9,817.00	\$11,780.40	1885.00	11,702.00	\$14,042.40	\$2,262.00
310-6027	PRIME COAT (MC-30 OR AE-P)	GAL	\$3.00	4,632.00	\$13,896.00	(589.00)	4,043.00	\$12,129.00	(\$1,767.00)
316-6005	ASPH (TIER II)	GAL	\$3.00	5,228.00	\$15,684.00	(1228.00)	4,000.00	\$12,000.00	(\$3,684.00)
316-6193	AGGR (TY D GR 5 SAC B)	CY	\$60.00	271.00	\$16,260.00	(186.00)	85.00	\$5,100.00	(\$11,160.00)
340-6011	D-GR HMA(SQ) TY-B PG 64-22	TON	\$100.00	383.00	\$38,300.00	(383.00)	0.00	\$0.00	(\$38,300.00)
341-6008	D-GR HMA TY-B PG 64-22	TON	\$55.00	6,677.00	\$367,235.00	2717.56	9,394.56	\$516,700.80	\$149,465.80
341-6040	D-GR HMA TY-D PG 64-22	TON	\$70.00	3,355.00	\$234,850.00	600.62	3,955.62	\$276,893.40	\$42,043.40
341-6082	D-GR HMA TY-D PG 64-22 (LEVEL UP)	TON	\$70.00	3,936.36	\$275,545.20	(876.20)	3,060.16	\$214,211.20	(\$61,334.00)
347-6003	TOM (ASPHALT )PG 70-22	TON	\$90.00	162.00	\$14,580.00	36.94	198.94	\$17,904.60	\$3,324.60
347-6006	TOM (AGGREGATE)SAC B	TON	\$90.00	2,077.00	\$186,930.00	487.17	2,564.17	\$230,775.30	\$43,845.30
351-6008	FLEX PAVEMENT STRUCTURE REPAIR (12")	SY	\$70.00	2,031.00	\$142,170.00	(2031.00)	0.00	\$0.00	(\$142,170.00)
354-6069	PLANE ASPH CONC PAV (0-2 1/2")	SY	\$2.20	18,604.00	\$40,928.80	562.00	19,166.00	\$42,165.20	\$1,236.40
400-6005	CEM STABIL BKFL	CY	\$110.00	88.00	\$9,680.00	(61.30)	26.70	\$2,937.00	(\$6,743.00)
400-6008	CUT & STORE ASPH PAVING	SY	\$50.00	718.00	\$35,900.00	(607.00)	111.00	\$5,550.00	(\$30,350.00)
401-6001	FLOWABLE BACKFILL	CY	\$110.00	253.00	\$27,830.00	(86.87)	166.13	\$18,274.30	(\$9,555.70)
416-6034	DRILL SHAFT (TRF SIG POLE)(48IN)	LF	\$430.00	132.00	\$56,760.00	(28.50)	103.50	\$44,505.00	(\$12,255.00)
<b>TOTALS</b>					\$1,590,707.60			\$1,485,389.53	(\$105,318.07)

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Project # 1608-108

TABLE B: Contract Items (Continued)

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
432-6002	RIPRAP (CONC)(5IN)	CY	\$475.00	453.00	\$215,175.00	59.45	512.45	\$243,413.75	\$28,238.75
432-6033	RIPRAP (SOTNE PROTECTION)(18IN)	CY	\$170.00	23.00	\$3,910.00	(6.00)	17.00	\$2,890.00	(\$1,020.00)
432-6045	RIPRAP (MOW STRIP)(4IN)	CY	\$550.00	16.00	\$8,800.00	(1.12)	14.88	\$8,184.00	(\$616.00)
450-6048	RAIL (HANDRAIL)(TY B)	LF	\$65.00	391.00	\$25,415.00	21.00	412.00	\$26,780.00	\$1,365.00
450-6048	RC PIPE (CL III)(24 IN)	LF	\$75.00	2,158.00	\$161,850.00	7.00	2,165.00	\$162,375.00	\$525.00
465-6180	INLET (COMPL)(CURB)(TY 2)(10')	EA	\$4,500.00	7.00	\$31,500.00	(1.00)	6.00	\$27,000.00	(\$4,500.00)
465-6181	INLET (COMPL)(CURB)(TY 2)(15')	EA	\$6,000.00	6.00	\$36,000.00	(2.00)	4.00	\$24,000.00	(\$12,000.00)
467-6356	SET (TYP II)(18IN)(RCP)(3:1)©	EA	\$600.00	2.00	\$1,200.00	1.00	3.00	\$1,800.00	\$600.00
467-6363	SET (TYP II)(18IN)(RCP)(6:1)(P)	EA	\$1,000.00	5.00	\$5,000.00	1.00	6.00	\$6,000.00	\$1,000.00
496-6002	REMOV STR (INLET)	EA	\$1,200.00	2.00	\$2,400.00	(1.00)	1.00	\$1,200.00	(\$1,200.00)
496-6004	REMOV STR (SET)	EA	\$1,000.00	16.00	\$16,000.00	1.00	17.00	\$17,000.00	\$1,000.00
502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$3,500.00	14.00	\$49,000.00	4.00	18.00	\$63,000.00	\$14,000.00
506-6002	ROCK FILTER DAMS (INSTALL)(TY W)	LF	\$22.00	132.00	\$2,904.00	(132.00)	0.00	\$0.00	(\$2,904.00)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$10.00	132.00	\$1,320.00	(132.00)	0.00	\$0.00	(\$1,320.00)
506-6020	CONSTRUCTION EXITS (INSTALL)(TY 1)	SY	\$10.00	700.00	\$7,000.00	(700.00)	0.00	\$0.00	(\$7,000.00)
506-6024	CONSTRUCTION EXITS (REMOVE)	SY	\$8.00	700.00	\$5,600.00	(700.00)	0.00	\$0.00	(\$5,600.00)
506-6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	\$2.00	4,622.00	\$9,244.00	(268.00)	4,354.00	\$8,708.00	(\$536.00)
506-6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	\$0.50	4,622.00	\$2,311.00	(268.00)	4,354.00	\$2,177.00	(\$134.00)
508-6001	CONSTRUCTING DETOURS	SY	\$55.00	379.40	\$20,867.00	294.04	673.44	\$37,039.20	\$16,172.20
530-6004	DRIVEWAYS (CONC)	SY	\$80.00	1,438.00	\$115,040.00	(100.10)	1,337.90	\$107,032.00	(\$8,008.00)
531-6002	CONC SIDEWALK (5")	SY	\$72.00	882.00	\$63,504.00	130.17	1,012.17	\$72,876.24	\$9,372.24
531-6010	CURB RAMPS (TY 7)	EA	\$1,500.00	9.00	\$13,500.00	(2.00)	7.00	\$10,500.00	(\$3,000.00)
618-6046	CONDT (PVC) (SCH 80) (2")	LF	\$11.00	1,600.00	\$17,600.00	5.00	1,605.00	\$17,655.00	\$55.00
618-6047	CONDT (PVC)(SCH 80)(2")(BORE)	LF	\$22.00	1,085.00	\$23,870.00	(100.00)	985.00	\$21,670.00	(\$2,200.00)
618-6054	CONDT (PVC)(SCH 80)(3")(BORE)	LF	\$26.00	1,535.00	\$39,910.00	98.00	1,633.00	\$42,458.00	\$2,548.00
620-6009	ELEC CONDR (NO.6)(BARE)	LF	\$1.50	160.00	\$240.00	180.00	340.00	\$510.00	\$270.00
620-6010	ELEC CONDR (NO.6)(INSULATED)	LF	\$1.70	320.00	\$544.00	360.00	680.00	\$1,156.00	\$612.00
662-6001	WK ZN PAV MRK NON-REMOV (W)4"(BRK)	LF	\$0.50	2,778.00	\$1,389.00	92.00	2,870.00	\$1,435.00	\$46.00
662-6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	\$0.50	5,071.00	\$2,535.50	(821.00)	4,250.00	\$2,125.00	(\$410.50)
662-6012	WK ZN PAV MRK NON-REMOV (W)8"(SLD)	LF	\$1.00	2,070.00	\$2,070.00	(29.00)	2,041.00	\$2,041.00	(\$29.00)
662-6014	WK ZN PAV MRK NON-REMOV (W)12"(SLD)	LF	\$3.00	296.00	\$888.00	(296.00)	0.00	\$0.00	(\$888.00)
662-6016	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	LF	\$6.00	312.00	\$1,872.00	(58.00)	254.00	\$1,524.00	(\$348.00)
662-6017	WK ZN PAV MRK NON-REMOV (W)(ARROW)	EA	\$100.00	20.00	\$2,000.00	(2.00)	18.00	\$1,800.00	(\$200.00)
662-6029	WK ZN PAV MRK NON-REMOV (W)(WORD)	EA	\$110.00	20.00	\$2,200.00	(2.00)	18.00	\$1,980.00	(\$220.00)
The "Totals" from Table B of the previous work sheet:						\$1,590,707.60		\$1,485,389.53	(\$105,318.07)
<b>TOTALS</b>						<b>\$2,483,366.10</b>		<b>\$2,401,718.72</b>	<b>(\$81,647.38)</b>

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Project # 1608-108

TABLE B: Contract Items (Continued)

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
662-6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	\$0.50	11111.00	\$5,555.50	262.00	11,373.00	\$5,686.50	\$131.00
662-6038	WK ZN PAV MRK NON-REMOV (Y)8"(SLD)	LF	\$1.00	477.00	\$477.00	(477.00)	0.00	\$0.00	(\$477.00)
662-6060	WK ZN PAV MRK REMOV (W)4"(BRK)	LF	\$1.00	1017.00	\$1,017.00	(994.00)	23.00	\$23.00	(\$994.00)
662-6061	WK ZN PAV MRK REMOV (W)4"(DOT)	LF	\$1.00	140.00	\$140.00	(130.00)	10.00	\$10.00	(\$130.00)
662-6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	\$1.00	612.00	\$612.00	805.00	1,417.00	\$1,417.00	\$805.00
662-6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	\$8.00	127.00	\$1,016.00	(127.00)	0.00	\$0.00	(\$1,016.00)
662-6080	WK ZN PAV MRK REMOV (W)(ARROW)	EA	\$150.00	9.00	\$1,350.00	(5.00)	4.00	\$600.00	(\$750.00)
662-6090	WK ZN PAV MRK REMOV (W)(WORD)	EA	\$200.00	7.00	\$1,400.00	(5.00)	2.00	\$400.00	(\$1,000.00)
662-6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	\$1.00	2,931.00	\$2,931.00	265.00	3,196.00	\$3,196.00	\$265.00
666-6168	REFL PAV MRK TY II (W)4"(DOT)	LF	\$0.20	86.00	\$17.20	2.00	88.00	\$17.60	\$0.40
666-2178	REFL PAV MRK TY II (W)8"(SLD)	LF	\$0.30	7,362.00	\$2,208.60	(1493.00)	5,869.00	\$1,760.70	(\$447.90)
666-6180	REFL PAV MRK TY II (W)12"(SLD)	LF	\$1.50	648.00	\$972.00	255.00	903.00	\$1,354.50	\$382.50
666-6182	REFL PAV MRK TY II (W)24"(SLD)	LF	\$3.00	426.00	\$1,278.00	59.00	485.00	\$1,455.00	\$177.00
666-6167	REFL PAV MRK TY II(W)4"(BRK)	LF	\$0.20	4,239.00	\$847.80	(189.00)	4,050.00	\$810.00	(\$37.80)
666-6170	REFL PAV MRK TY II (W)4"(SLD)	LF	\$0.20	1,978.00	\$395.60	(530.00)	1,448.00	\$289.60	(\$106.00)
666-6184	REFL PAV MRK TY II(W)(ARROW)	EA	\$70.00	40.00	\$2,800.00	(2.00)	38.00	\$2,660.00	(\$140.00)
666-6192	REFL PAV MRK TY II (W)(WORD)	EA	\$90.00	38.00	\$3,420.00	(2.00)	36.00	\$3,240.00	(\$180.00)
666-6207	REFL PAV MRK TY II(Y)4"(SLD)	LF	\$0.20	2,668.00	\$533.60	(346.00)	2,322.00	\$464.40	(\$69.20)
666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	\$1.00	4,239.00	\$4,239.00	(149.00)	4,090.00	\$4,090.00	(\$149.00)
666-6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	\$1.00	1,978.00	\$1,978.00	(635.00)	1,343.00	\$1,343.00	(\$635.00)
672-6009	REFL PAV MRKR TY TY II-A-A	EA	\$4.00	47.00	\$188.00	64.00	111.00	\$444.00	\$256.00
672-6010	REFL PAV MRKR TY II-C-R	EA	\$4.00	477.00	\$1,908.00	94.00	571.00	\$2,284.00	\$376.00
677-6001	ELIM EXT PAV MRK & MRKS (4")	LF	\$1.00	14,994.00	\$14,994.00	376.00	15,370.00	\$15,370.00	\$376.00
677-6003	ELIM EXT PAV MRK & MRKS (8")	LF	\$1.00	478.00	\$478.00	(1.00)	477.00	\$477.00	(\$1.00)
677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$150.00	3.00	\$450.00	16.00	19.00	\$2,850.00	\$2,400.00
684-6033	TRF SIG CBL (TY A)(14AWY)(7 CONDR)	LF	\$2.00	2,304.00	\$4,608.00	90.00	2,394.00	\$4,788.00	\$180.00
6089-6001	ETHERNET CABLE AND CONNECTORS	LF	\$8.00	314.00	\$2,512.00	1.00	315.00	\$2,520.00	\$8.00
RR-510	DUCTILE IRON FITTINGS 4 INCH-24 INCH	TON	\$8,500.00	0.35	\$2,975.00	0.14	0.49	\$4,165.00	\$1,190.00
WC-9018	CURB INLET SEDIMENT PROTECTION	LF	\$6.00	479.00	\$2,874.00	(479.00)	0.00	\$0.00	(\$2,874.00)
999-WC01	FORCE ACCOUNT	DOL	\$1.00	25,000.00	\$25,000.00	(6036.88)	18,963.12	\$18,963.12	(\$6,036.88)
341-WC01	FORCE ACCOUNT-EST. PLACEMENT AND PRODUCTION (TY B)	DOL	\$1.00	37,600.00	\$37,600.00	(34515.53)	3,084.47	\$3,084.47	(\$34,515.53)
341-WC02	FORCE ACCOUNT-EST. PLACEMENT AND PRODUCTION (TY D)	DOL	\$1.00	22,200.00	\$22,200.00	(20904.21)	1,295.79	\$1,295.79	(\$20,904.21)
The "Totals" from Table B of the previous work sheet:					\$2,483,366.10			\$2,401,718.72	(\$81,647.38)
<b>TOTALS</b>					\$2,632,341.40			\$2,481,057.90	(\$145,564.00)



## CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&amp;E 1B. Other</p>
<p>2. Differing Site Conditions (unforeseeable)</p>	<p>2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&amp;E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other</p>
<p>3. County Convenience</p>	<p>3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other</p>
<p>4. Third Party Accommodation</p>	<p>4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other</p>
<p>5. Contractor Convenience</p>	<p>5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other</p>
<p>6. Untimely ROW/Utilities</p>	<p>6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other</p>

**Williamson County Road Bond Program**

**RM 620 Phase 2  
Williamson County Project No. 1608-108**

**Change Order No. 6**

**Reason for Change**

This Change Order provides the final balancing for the overrun/underrun of Contract quantities on the project, due to addressing field conditions not accounted for in the original plans. Additional time was necessary for extra scope at the Oaklands Drive intersection for drainage and median improvements. Additional time was also granted for delays due to conflicts with existing utilities and for non-work days that were previously charged. The project encountered extreme wet weather conditions that could not have been anticipated by the Contractor and TxDOT requested limited work on various holidays during the construction of the project.

Following is a summary of the new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
400-6005A	CEM STBIL BKFL	30	CY
354-6045A	PLANE ASH CONC PAV (2")	328	SY

This Change Order results in a deduction of \$247,076.96 from the Contract amount, for an adjusted Contract total of \$6,042,244.51. The original Contract amount was \$6,082,225.70. Because of this and previous Change Order's to date, \$39,981.19 has been deducted from the Contract, resulting in a .66% net decrease in the Contract cost. Seventy (70) days will be added to the Contract as a result of this Change Order. To date a total of one hundred (100) days have been added to the Contract.

**HNTB Corporation**  
James Klotz, P.E.

PROJECT: RM 620 PH. II  
 ITEM NUMBER/DESC.: O'CONNOR MEDIAN TURN BAY - 2" MILL  
 ESTIMATED QUANTITY: 328 SY  
 Date Prepared: 5/29/2018

ITEM DESCRIPTION	QTY	UNIT	UNIT COSTS					TOTAL COSTS					
			LABOR	EQUIP	MATERIAL	SUBCT.	O.T.Factor	LABOR	EQUIP	MATERIAL	SUBCT.	MISC.	
<b>LABOR</b>	<b>#</b>												
FOREMAN	1	HR	\$ 28.00				1.00	\$ 560.00					
EXC. OPERATOR	1	HR	\$ 19.00				1.00	\$ 380.00					
LOADER OPERATOR	1	HR	\$ 18.50				1.00	\$ 370.00					
LABORER	1	HR	\$ 17.00				1.00	\$ 340.00					
LABORER	1	HR	\$ 16.25				1.00	\$ 325.00					
<b>MATERIAL</b>													
DUMP FEES	4.00	LDS			\$ 30.00					\$ 120.00			
<b>EQUIPMENT</b>													
JD 75 EXC.	20.00	HR	\$ 25.03					\$ 500.60					
JD 544 LOADER	20.00	HR	\$ 28.69					\$ 573.80					
WALK BEHIND SAW	1.00	WK	\$ 322.00					\$ 322.00					
PICKUP TRUCK	20.00	HR	\$ 19.45					\$ 389.00					
<b>SUBCONTRACT</b>													
MILL	328.00	SY				\$ 1.88					\$ 616.64		
MILL MOB.	1.00	EA				\$ 3,500.00					\$ 3,500.00		
DUMP TRUCK	2	HR				\$ 50.00					\$ 2,000.00		
<b>TOTALS</b>								\$ 1,975.00	\$ 1,785.40	\$ 120.00	\$ 6,116.64	\$ -	

TOTAL LABOR				\$ 1,975.00
TOTAL MATERIAL				\$ 120.00
TOTAL SUBCONTRACT				\$ 6,116.64
TOTAL EQUIPMENT				\$ 1,785.40
MARKUPS				
LABOR BURDENS	\$ 1,975.00	@	55%	\$ 1,086.25
LABOR MARK-UP	\$ 1,975.00	@	25%	\$ 493.75
MATERIAL MARK-UP	\$ 120.00	@	25%	\$ 30.00
EQUIPMENT MARK-UP	\$ 1,785.40	@	15%	\$ 267.81
SUBCONTRACT MARK-UP	\$ 6,116.64	@	5%	\$ 305.83
PERFORMANCE BOND	\$ 12,180.68	@	1%	\$ 121.81
TOTAL				\$ 12,302.49
QUANTITY				328 SY
UNIT COST				\$ 38.00 / SY