|  |  |  |  |  |  |  |  | San Antonio Constructors, Ltd <br> an Antonio TX 782 <br> 210-681-0211 |  | Friesenhahn Paving LLC10966 Hwy 87 S.Adkins, TX 78101$210-649-1998$ 210-649-1998 |  |  |  | Engineer's Estimate |  | Contractor Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irem | IDESCRPTITION | Quantir | UNIT | UNIT PRICE | Total | UNIT PRICE | Total | UNIT PRICE | Total | UNIT PRICE | Total | UNIT PRICE | Total | UNIT PRICE | total | VG UnIT PRICE | tal |
|  | BASE BIo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 103.1 | REMOVE CONCRETE CURB | 3.500 | LF | \$1.50 | \$5,250.00 | \$1.25 | \$4,375.00 | \$2.00 | 57,000.00 | 55.00 | \$17,500.00 | \$3.89 | \$13,615.00 | \$1.65 | \$5,775.00 | 52.73 | 99.548.00 |
| 103.3 | REMOVE SIIEWALKS AND DRIVEWAYS | ${ }^{32,500}$ | SF | \$1.50 | \$488,750.00 | \$1.00 | S32,500.00 | \$1.75 | S56,875.00 | \$2.75 | S80,375.00 | \$1.89 | S61.425.00 | S1.40 | \$44.500.00 | S1788 | S57,785.00 |
| 203 | TACK СОAT | 3,250 | GAL | 53.50 | \$11.375.00 | 53.00 | \$9,750.00 | \$4.25 | \$13.812.50 | \$6.00 | \$99,500.00 | \$3,45 | \$11,212.50 | 53.62 | \$11,765.00 | 54.04 | \$13,130.00 |
| ${ }^{205.4 B}$ | HOT MIX ASPHALTTC PAVEMENT TYPE D (2" THICK) (PG 64-22) | 20,820 | ToN | 569.20 | \$1,440,74,00 | 574.75 | \$1,556,29.00 | 576.00 | \$1,588,320.00 | \$72.00 | \$1,499,040.00 | 590.85 | \$1,891,497.00 | \$78.25 | \$1,629,165.00 | ${ }^{57} 8.56$ | \$1,593,979.20 |
| 205.4 C | HOTMIX ASPHALTIC PAVEMENT TYPE D (2" THICK) PG 76 -22) | 1,500 | ToN | \$77.50 | \$116,250.00 | 980.50 | \$120,750.00 | S90.00 | \$135.00.00 | \$72.00 | \$108.000.00 | S995.90 | \$143.850.00 | 583.30 | \$124,950.00 | S83.18 | \$124,770.00 |
| 205.4 D | HOT MIX ASPHALTIC PAVEMENT TYPE D (LEVEL-UP) | 2,500 | ToN | 569.20 | \$173,.000.00 | S67.50 | \$168,750.00 | S90.00 | \$225.00.00 | \$72.00 | S188,000.00 | 595900 | \$237,500.00 | 584.23 | \$210,575.00 | 578.74 | \$196,850.00 |
| 208.1 | SALVAGING, HAULING 8 STOCKPILIN RECLAMMABLE ASPH. PVMT ( $2^{2}$ ) | 97,500 | sY | 53.20 | \$312,000.00 | \$1.25 | \$121,875.00 | 52.80 | \$273.00.00 | 53.00 | \$229,500.00 | 533.35 | s3,251,625.00 | s2.92 | \$224,700.00 | 58.72 | \$850,200.00 |
| 209.1 | BUS STOP CONCRETE PAVEMENT (100 DEPTH) | ${ }^{333}$ | SY | 590.00 | \$29,970.00 | S77.00 | S24,975.00 | S80.00 | S22,640.00 | 593.00 | S30,999.00 | \$217.35 | S72,377.55 | 586.00 | S28,638.00 | S11.07 | \$36,986.31 |
| 230.3 | REPLACING BASE \& PVMT WITH TYPE B PVMT ( 6 " Compacted DEPTH) | ${ }^{13,750}$ | ToN | \$85.00 | \$1,168,750.00 | S101.30 | \$1,392,875.00 | \$89.00 | \$1,223,750.00 | 569.00 | 5998,750.00 | 592.00 | \$1,265,000.00 | 593.00 | 1,27,750.00 | 588.26 | 1,199,825.00 |
| 230.3 | REPLACING BASE \& PVMT WITH TYPE B PVMT ( (12" COMPACTED DEPTH) | 500 | ToN | 587.00 | \$43,500.00 | S68.50 | \$34,250.00 | \$77.00 | \$38,500.00 | \$69.00 | \$34,500.00 | 592.00 | \$46,000,00 | 593.20 | \$46,600.00 | 578.70 | \$39,350.00 |
| 250 | SEAL COAT | 190,000 | sY | 51.57 | \$298,300.00 | \$1.08 | \$205,200,00 | \$2.10 | \$399,000.00 | \$1.00 | \$190,000.00 | \$2.25 | \$427,500.00 | S1.68 | 5319,200.00 | \$1.60 | \$304,000.00 |
| 438 | Cleaning Existing joints | 370 | LF | \$1.00 | \$370.00 | \$20.00 | S7,400.00 | \$15.00 | \$5.550.00 | \$45.00 | \$16,650.00 | S22.50 | s8,325.00 | \$11.30 | \$4,181.00 | \$20.70 | s7,659.00 |
| 454 | HEADER TYPE EXPANSION JoINT SEALANT | 300 | LF | \$1.00 | \$300.00 | S55.00 | \$16,500.00 | \$54.00 | \$16,200.00 | \$125.00 | \$37,500.00 | 53.00 | 5900.00 | \$30.40 | 59,120.00 | 547.60 | \$14,280,00 |
| 500 | CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER | 3,500 | LF | \$12.00 | \$42,000.00 | S14.00 | \$49,000.00 | \$11.00 | \$38,500.00 | \$18.00 | \$63,000.00 | \$21.78 | \$76,230.00 | \$12.70 | \$44,450.00 | \$15.36 | S53,746.00 |
| 502.1 | CONCRETE SIDEWALKS | 2,850 | SY | 538.90 | \$110,865.00 | S44.50 | \$115.425.00 | S38.00 | \$108,300.00 | 549.00 | \$133,650.00 | \$134.55 | 9388,467.50 | \$39.40 | \$112, 290.00 | S60.19 | \$171.541.50 |
| 502.1A | CURB RAMPS | 275 | EA | \$1,200.00 | \$330,000.00 | \$1,125.00 | \$309,375.00 | \$1.075.00 | \$295.625.00 | \$1,600.00 | S440,000.00 | \$3,494,85 | \$9661.08,75 | \$1,125.00 | \$309,375.00 | \$1.698.97 | S467, 216.75 |
| 503.1 | PoRTLAND CEMENT CONCRETE DRIVEWAYS | 900 | sY | 540.00 | \$36,000.00 | \$44,00 | \$39,600.00 | \$45.00 | \$40,500.00 | \$61.00 | \$54,900.00 | \$134.55 | \$121,095,00 | \$43.50 | \$39,150.00 | S64.91 | \$58,41900 |
| 512.1 A | ADJUSTING EXIITTMG MANHOLES (STORM SEWER) | 25 | EA | \$300.00 | \$7,500.00 | \$400.00 | \$10,000.00 | \$335.00 | 59,875.00 | \$2,600.00 | \$65,000.00 | \$440.45 | \$11,011.25 | 9334.00 | \$9,600.00 | S827.09 | \$20.677.25 |
| 512.18 | ADJUSTING ExISTING MANHOLES (ATRT) | 20 | EA | \$300.00 | S6,000.00 | \$500.00 | \$10.000.00 | \$395.00 | \$7,900.00 | \$2,600.00 | \$52.000.00 | ¢440.45 | S8,809.00 | 5430.00 | s8,600.00 | S847.09 | S16,941.80 |
| 515.1 | Topsoll | 450 | Cr | \$20.00 | S9,000.00 | S25.00 | \$11,250.00 | \$20.00 | 59,000.00 | \$34.00 | \$15,300.00 | 56.77 | \$3,046.50 | \$20.40 | S9,180.00 | S21.15 | 59,519.30 |
| 516.1 | soding | 2,000 | sY | 54.75 | 59,500.00 | 56.00 | \$12,000.00 | \$6.00 | \$12.000.00 | 55.00 | \$10,000.00 | s8.22 | \$16.440.00 | 56.00 | \$12.000.00 | 55.99 | S11.988.00 |
| 533-A | ELIM EXIIT PVMT MRK AND RAISED MARKERS (4*) | 600 | LF | 50.61 | \$336.00 | S0.50 | \$300.00 | \$2.00 | \$1,200.00 | 50.85 | \$510.00 | S1.00 | \$600.00 | S1.00 | S600.00 | S0.99 | \$595.20 |
| 533-B | ELIM EXIST PVMT MRK AND RAISED MARKERS (8") | 200 | LF | \$1.46 | \$292.00 | \$1.00 | \$200.00 | \$4.00 | \$880.00 | \$1.80 | \$360.00 | \$1.50 | \$300.00 | \$1.85 | \$370.00 | \$1.95 | S330.40 |
| ${ }^{533 . C}$ | ELMM EXIST PVMT MRK AND RAISED MARKRRS (12") | ${ }^{200}$ | LF | \$2.70 | \$540.00 | \$1.00 | \$200.00 | \$4.00 | \$880.00 | ¢3.25 | \$650.00 | \$2.00 | 5400.00 | \$2.50 | S500.00 | \$2.59 | S5518.00 |
| 533-D | ELIM ExIIT PVMT MRK AND RAISED MARKERS ( $24{ }^{4}$ ) | 400 | LF | 54.12 | \$1,648.00 | \$2.00 | \$800.00 | \$5.00 | S2,000.00 | 55.00 | \$2,000.00 | \$4.00 | \$1,600.00 | 53.70 | \$1,480.00 | \$4.02 | 51.609.60 |
| 533-E | ELIM ExIST PVMT MRK AND RAISED MARKERS (SYMBOL) | 10 | EA | 578.00 | \$780.00 | 566.00 | \$650.00 | \$75.00 | \$750.00 | \$80.00 | \$800.00 | \$2.00 | 520.00 | 585.00 | 5850.00 | \$660.00 | S600.00 |
| ${ }_{533-6}$ |  | 10 | EA | 578.00 | \$780.00 | S66.00 | \$650.00 | \$80.00 | \$880.00 | \$80.00 | \$880.00 | \$2.00 | \$20.00 | \$88.00 | \$880.00 | 5661.00 | \$6610.00 |
| ${ }^{533-\mathrm{H}}$ | ELIM ExIST PVMT MRK AND RAISED MARKERS (RR-XING) | 8 | EA | \$207.60 | \$1,660.80 | \$100.00 | \$800.00 | \$175.00 | \$1,400.00 | \$250.00 | \$2,000.00 | \$2.00 | \$16.00 | \$191.00 | \$1,528.00 | \$146.92 | \$1,175.36 |
| 535.1 | $4^{4}$ WIIE YELLOW LINE | 30,000 | LF | 50.52 | \$15.600.00 | \$0.30 | S9,000.00 | 50.51 | \$15,300.00 | 50.65 | \$19,500.00 | 50.63 | \$18,900.00 | s0.50 | \$15.000.00 | 50.52 | \$15,660.00 |
| 535.2 | $4{ }^{\text {a }}$ WIDE WHHITE LINE | ${ }^{42,500}$ | L | 50.52 | \$22,100.00 | 50.30 | \$12,750.00 | \$0.51 | \$21,675.00 | 50.65 | S27,625.00 | \$0.63 | \$26,775.00 | s0.50 | \$21,250.00 | \$0.52 | S22,185.00 |
| 535.4 | $8^{\text {P SOLIO WHITE LINE }}$ | 6,000 | L | \$1.11 | S6,660.00 | 50.75 | S4,500.00 | \$1.50 | S9,000.00 | \$1.25 | 87,500.00 | s0.63 | S3,780.00 | S1.05 | S6,300.00 | \$1.05 | S6.288.00 |
| 535.5 | $1{ }^{\text {12 }}$ WIIE WHITE LINE | 1,000 | LF | 53.50 | \$3,500.00 | \$2.50 | \$2,500.00 | 55.00 | \$5,000.00 | 54.00 | S4,000.00 | 51.87 | \$1,870.00 | S3.50 | \$3,500.00 | S3.37 | 53,374.00 |
| 535.7 <br> 53512 | $\frac{24}{}{ }^{24}$ WIDE WHITE LINE | $\stackrel{2.600}{15}$ | ${ }_{\text {LF }}^{\text {LF }}$ | $\frac{87.50}{51160}$ | S19,500.00 <br> S17600 | S5.00 | S13.000.00 | S6.00 | S15.600.00 | S7.50 | S19,500.00 | S3.75 | S9,750.00 | S5.60 | S14,560.00 | \$5595 | S15,4770000 |
| 535.12 | WORD "ONLY ${ }^{\text {Pall }}$ | $\begin{array}{r}15 \\ \hline 10\end{array}$ | EA | $\stackrel{5116.40}{\$ 5600}$ | $\xrightarrow{\text { S1,746.00 }}$ | \$125.00 | S1.875000 | \$125.00 | \$1,875.00 | S110.00 | \$1,650.00 | \$301.90 | \$4,528.50 | \$120.00 | S1.800.00 | ${ }_{\text {S } 155.661}$ | ${ }_{\text {S2,334.90 }}$ |
| 535.14 535.16 | RALROAD CROSSING SYMBOL | 10 15 | ${ }_{\text {EA }}^{\text {EA }}$ | S540.00 $\$ 120.00$ |  | S600.00 575.00 | S6,000.00 <br> S1,12500 | \$445.00 | S4,650.00 S1,650.00 | S130.00 $\$ 145.00$ | $\$ 1,300000$ <br> $\$ 2,17500$ | \$433.55 | S4,335.50 <br> $\$ 1,085.10$ | S550.00 | S5,000.00 S1,800.00 | S433.71 $\$ 104.47$ | S4,377.00 |
| 535.17 | BiCYCLE RIDER SYMBOL | 20 | EA | \$330.00 | S6,000.00 | \$200.00 | \$4,000.00 | \$330.00 | S6,000.00 | S440.00 | \$8,000.00 | ${ }_{5325.45}$ | S6,509.00 | \$238.00 | S4,760.00 | \$305.09 | S1.601.80 |
| 535.22 | WHITE SHARROW (BIIE SHARED LANE) | 20 | EA | \$134.40 | \$2.888.00 | \$250.00 | \$5.000.00 | S275.00 | \$5.500.00 | \$130.00 | \$2,600.00 | \$72.34 | \$1,446.80 | \$158.00 | \$3,160.00 | \$172.35 | \$3.446.96 |
| 535.23 | WHITE ARROW (LEFTRIISHTISTRAIGHT) | 50 | EA | S124.50 | S6,225.00 | 595.00 | \$4,750.00 | \$120.00 | S6,000.00 | S750.00 | \$37,500.00 | \$144.67 | s7,233.50 | \$105.00 | S5.250.00 | ${ }_{5246.83}$ | \$12.341.70 |
| 537.1 | TRAFFIC BUTTON (TYPE W) | 200 | EA | 56.00 | \$1,200.00 | \$1.00 | \$200.00 | s5.00 | \$1,000.00 | s7.00 | S1,400.00 | 59.20 | \$1,840.00 | 54.60 | 5920.00 | \$5.64 | s1,128.00 |
| 537.2 | TRAFFIC BUTTON (TYPEY) | 200 | EA | 56.00 | S1,200.00 | \$1.00 | \$200.00 | \$5.00 | S1,000.00 | 57.00 | S1,400.00 | \$10.35 | \$2.070.00 | 54.60 | 5920.00 | 55.87 | S1,174.00 |
| 537.6 | PAVEMENT MARERER (TYPE.C.C) | 2,500 | EA | 54.00 | \$10,000.00 | \$5.00 | \$12,500.00 | \$4.00 | \$10,000.00 | 55.00 | \$12,500.00 | 544.74 | \$111,850.00 | S3.60 | S9,000.00 | \$12.55 | S31,370.00 |
| 537.8 | PAVEMENT MARKER (TYPE $\mid$ A-A) | 2,100 | EA | 54.99 | \$10,479.00 | S5.00 | \$10.500.00 | 93.00 | \$6,300.00 | 95.00 | \$10.500.00 | 544.74 | \$93,954,00 | 53.60 | \$7,560.00 | \$12.55 | S22,366.60 |
| 537.9 | PAVEMENT MARKER (TYPE IIC-R) | 500 | EA | 54.99 | \$2.495.00 | \$5.00 | \$2,500.00 | \$3.00 | \$1,500.00 | 55.00 | \$2,500.00 | \$44.74 | \$22,370.00 | s3.50 | \$1,750.00 | \$12.55 | S6.277.00 |
| 556.1 | CAST IN PLACE DETECTABLE WARNING SURFACE TLES | 35 | EA | \$150.00 | \$5,250.00 | \$125.00 | S4,375.00 | \$240.00 | S8,400.00 | S185.00 | S6,475.00 | 592.09 | S3,223.15 | \$153.00 | S5,355.00 | \$158.42 |  |
| 624.2 | GROUUD BOXES TYPEB (12232) | 5 | EA | \$100.00 | S500.00 | \$200.00 | S1,000.00 | \$300.00 | \$1,500.00 | S1,500.00 | S7,500.00 | \$1,250.00 | S6,250.00 | \$216.00 | S1,080.00 | S670.00 | S3,350.00 |
| 712 798 | JoInt and crack sealing | 7.500 | LB |  | S21,750.00 |  | \$30,000.00 |  |  | \$2.02 | \$15,150.00 | \$25.00 |  | 53.40 | \$25,500.00 | 57.48 | S56,130.00 |
| 798 <br> SUP1 | ASPHALT CONCRETE CUSHION SPEED HUMPS, TTPE 3 | 48 | EA | \$2.800.00 | \$134,400.00 | \$2,400.00 | \$115,200.00 | \$2.000.00 | 596,000.00 | \$1,450.00 | \$69,600.00 | \$796.95 | \$38,25.60 | \$2,340.00 | S112,320.00 | \$1.889.39 | 590.690.72 |
| SuP 1 SuP 2 | Door hangers | 1 | Ls | 5880.00 | \$880.00 | \$1,000.00 | S1,000.00 | \$1,000.00 | \$1,000.00 | \$10,000.00 | \$10,000.00 | \$2,300.00 | \$2,300.00 | \$1,000.00 | \$1,000.00 | \$3,020.00 | S3.020.00 |
| SUP 2 | Pollce officer | 480 1 | $\stackrel{\text { HR }}{\text { LS }}$ | S477.00 | $\begin{array}{r}\text { S22.560.00 } \\ \$ 250000 \\ \hline\end{array}$ | $\begin{array}{r}\text { S40.00 } \\ 950000 \\ \hline 8 .\end{array}$ | $\begin{array}{r}\text { S19,200.00 } \\ \hline 5500000\end{array}$ | $\xrightarrow{55000000}$ | $\begin{array}{r}\text { S19,200.00 } \\ \hline 5500000 \\ \hline\end{array}$ | \$75.00 | S36.000.00 | S551.75 | S24,840.00 | 545.50 | S21.600.00 | S50,75 | S24,360.00 |
| SUP 3 | RALROAD INSURANCE AND PEERMT |  | Ls | s2,50.00 s1,000.00 | S2.500.00 | S5,000.00 S1,50.00 | S5,000.00 S1,500.00 | S5,00.00 S1,500.00 | S5,00.00 $\$ 1,500.00$ | $\xrightarrow{\text { S11,000.00 }}$ | S10.000.00 S15.000.00 | ¢57.500.00 | $\$ 57,500.00$ 55.070 .00 | ¢55,000.00 $\$ 1,380.00$ | S5,000.00 $51,380.00$ | $\frac{\text { S16,000.00 }}{54.814 .00}$ | S11,000.00 54.814 .00 |
| SUP 5 | TCIA T WORK P ROJECT SIGN | 40 | EA | S1,000000 | S4,000.00 | S200.00 | S1,000000 s8,00. | S1,000000 | S6,000.00 | $\underset{\text { S400.00 }}{ }$ | S16,000.00 | S5.070.050 | 55,00000 <br> $\$ 4.5000$ | S1,380.00 | S1,30.00 <br> $57,680.0$ | ${ }_{\text {S }}^{54,819.50}$ | S4,844000 |
| SUP6 | PORTABLL CHANGEABLE MESSAGE SIIGN (ELECTRONIC MESSAGE BOARD) | 10 | мо | \$2,000.00 | \$20,000.00 | \$2,000.00 | \$20,000.00 | \$2,000.00 | \$20,000.00 | S225.00 | \$2,250.00 | \$3,263.70 | \$32,637.00 | \$2,000.00 | \$22,000.00 | \$1,897.74 | \$18,977.40 |
|  |  |  | EA | S2,000.00 | S10,000.00 | \$1,000.00 | 555.000.00 | S2.000.00 | S10.000.00 | S5.000.00 | S25.000.00 | \$2.50.00 | \$12.500.00 | \$2,700.00 | S13,500.00 | \$2,500.00 | S12.500.00 |
|  |  |  |  |  | S4,544,843.80 |  | S4,556,420.00 |  | 54, 838,997.50 |  | \$4,683,879.00 |  |  |  | S4,866,997.00 |  | 55,666,395.50 |
| 826 | SAWS VALVE BOX ADJUSTMENT | ${ }^{250}$ | EA | \$200.00 | \$50,000.00 | \$200.00 | \$50.000.00 | \$150.00 | \$37,500.00 | S665.00 | \$162.500.00 | \$440.45 | \$110.112.50 | S199500 | \$48,750.00 | \$328.09 | S82.022.50 |
|  |  |  | EA | \$50.00 | \$550.00 | \$50.00 | 5500.00 | \$175.00 | 81,750.00 | \$500.00 | 55,000.00 | S488.75 | 54,887.50 | \$150.00 | s1,500.00 | \$252.75 | S2.527.50 |
|  |  |  |  |  | S50,500.00 |  | \$50,500.00 |  | \$39,250,00 |  | \$167,500.00 |  |  |  | \$55,255.00 |  | S84,550.00 |
| 851 | ADJUSTING EXIITING MANHOLES (SAWS) | 190 | EA | \$300.00 | \$57,000.00 | \$500.00 | 595.000.00 |  | \$77, 250.00 |  | \$152,000.00 | ${ }_{5488,75}$ | ¢92,862.50 |  | s72.200.00 | \$492,75 | S93.622.50 |
|  |  |  |  | \$50.00 | \$550.00 | S50.00 | \$500.00 | \$400.00 | \$4,000.00 | 5900.00 | S9,000.00 | ${ }_{\text {s488.75 }}$ | \$4,887.50 | \$275.00 | S2,750.00 | \$377.75 | 53,777.50 |
|  |  |  |  |  | \$57,500.00 |  | \$99,500.00 |  | \$75,250.00 |  | \$161,000.00 |  | 597,750.00 |  | S74,950.00 |  | 597,400.00 |
| TOTAL SAWS BIDITEMS: |  |  |  |  | \$108,00.00 |  | \$146,000.00 |  | \$11,500.00 |  | \$328,500.00 |  | \$212,750.00 |  | \$125,200.00 |  | \$181,950.00 |
| 512.1 A | ADJUSTING EXISTING MANHOLE (CPS ENERGY) | 2 | EA | ${ }_{\text {S } 350.00}$ | \$770.00 | \$1,200.00 | \$2,400.00 | \$600.00 | \$1,200.00 | \$1,500.00 | \$3,000.00 | ${ }_{5440.45}$ | 5880.90 | S480.00 | 5960.00 | \$818.09 | \$1.636.18 |
| 512.3A ${ }^{\text {ADJUSTING EXISTING VALVE EOX (CPS ENERGY) }}$ |  |  | EA | \$220.00 | S8,750.00 | \$200.00 |  | \$150.00 | S5,250.00 | S750.00 | S26,250.00 | \$488.75 | \$17,106.25 | \$205.00 | S7,175.00 | S367.75 | \$12.871.25 |
|  |  |  |  |  | S9,450.00 |  | S9,400.00 |  | S6,450.00 |  | \$29,250.00 |  | \$17,987.15 |  | S8,135.00 |  | S14,507.43. |
| TOTAL BASE BID |  |  |  |  | \$4,662,29.80 |  | \$4,711,82.00 |  | 54,959,947.50 |  | \$5,041,629.00 |  | 59,938,54.35 |  | \$5.000.032.00 |  | 55,862,852.93 |

