

# FDOT Long Range Estimating System - Production

## R3: Project Details by Sequence Report

Project: 454216-1-52-01

Letting Date: 01/2099

Description: SR 326 from Begin State Maintenance to US 301/441

District: 05

County: 36 MARION

Market Area: 06

Units: English

Contract Class:

Lump Sum Project: N

Design/Build: N

Project Length: 2.606 MI

Project Manager: HNTB/CB/RX

PROJECT GRAND TOTAL DOES NOT INCLUDE 10% PROJECT UNKNOWNNS

\$6,714,448.35

Version 2 Project Grand Total

\$6,104,043.95

Description: SR 326 from Begin State Maintenance to US 301/441 RRR

Sequence: 1 RSD - Resurfacing, Divided

Net Length:

0.134 MI

708 LF

Description: Begin project to NW 47th Ave. (Section 36180000 MP 12.560 to MP 12.694)

### EARTHWORK COMPONENT

#### User Input Data

| Description                               | Value       |
|-------------------------------------------|-------------|
| Standard Clearing and Grubbing Limits L/R | 2.67 / 2.67 |
| Incidental Clearing and Grubbing Area     | 0.00        |

#### Pay Items

| Pay item                  | Description         | Quantity | Unit | Unit Price  | Extended Amount |
|---------------------------|---------------------|----------|------|-------------|-----------------|
| 110-1-1                   | CLEARING & GRUBBING | 0.09     | AC   | \$44,280.42 | \$3,985.24      |
| Earthwork Component Total |                     |          |      |             | \$3,985.24      |

### ROADWAY COMPONENT

#### User Input Data

| Description                 | Value         |
|-----------------------------|---------------|
| Number of Lanes             | 2             |
| Roadway Pavement Width L/R  | 12.00 / 12.00 |
| Structural Spread Rate      | 165           |
| Friction Course Spread Rate | 165           |

#### Pay Items

| Pay item | Description                             | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------------|----------|------|------------|-----------------|
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG DEPTH   | 1,886.72 | SY   | \$4.09     | \$7,716.68      |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG76-22    | 155.65   | TN   | \$195.18   | \$30,379.77     |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 | 155.65   | TN   | \$184.96   | \$28,789.02     |

#### X-Items

| Pay item                                                                                      | Description                           | Quantity | Unit | Unit Price | Extended Amount |
|-----------------------------------------------------------------------------------------------|---------------------------------------|----------|------|------------|-----------------|
| 327-70-1                                                                                      | MILLING EXIST ASPH PAVT, 1" AVG DEPTH | 156.60   | SY   | \$3.71     | \$580.99        |
| <b>Comment:</b> Milling 1 in. for deeper rehabilitation, ((1,886.72 + 1245) x 0.05) = 156.6sy |                                       |          |      |            |                 |

|            |                                                                                                                                                                             |             |            |             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|
| 327-70-4   | MILLING EXIST ASPH PAVT, 3" AVG DEPTH<br><b>Comment:</b> Turn lane and gored areas.                                                                                         | 1,245.00 SY | \$4.09     | \$5,092.05  |
| 334-1-53   | SUPERPAVE ASPH CONC, TRAF C, PG76-22<br><b>Comment:</b> Turn lane and gored areas + 1 in. for deeper rehabilitation, (1245 x 1.5 x 110)/2000 + (156.6 x 1 x 110)/2000 = 111 | 111.00 TN   | \$195.18   | \$21,664.98 |
| 337-7-83   | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22<br><b>Comment:</b> Turn lane and gored areas. (1245 x 1.5 x 110)/2000 = 102.7                                                       | 102.70 TN   | \$184.96   | \$18,995.39 |
| 710-11-124 | PAINTED PAVT MARK,STD,WHITE,SOLID, 18"<br><b>Comment:</b> Gore Striping                                                                                                     | 300.00 LF   | \$1.05     | \$315.00    |
| 710-11-170 | PAINTED PAVT MARK,STD,WHITE, ARROWS                                                                                                                                         | 3.00 EA     | \$34.60    | \$103.80    |
| 710-11-201 | PAINTED PAVT MARK,STD,YELLOW,SOLID,6"                                                                                                                                       | 0.27 GM     | \$1,236.38 | \$333.82    |
| 711-11-124 | THERMOPLASTIC, STD, WHITE, SOLID, 18"<br><b>Comment:</b> Gore Striping                                                                                                      | 300.00 LF   | \$5.67     | \$1,701.00  |
| 711-11-170 | THERMOPLASTIC, STD, WHITE, ARROW                                                                                                                                            | 3.00 EA     | \$83.95    | \$251.85    |

#### Pavement Marking Subcomponent

| Description                            | Value   |
|----------------------------------------|---------|
| Include Thermo/Tape/Other              | Y       |
| Pavement Type                          | Asphalt |
| Solid Stripe No. of Paint Applications | 1       |
| Solid Stripe No. of Stripes            | 2       |
| Skip Stripe No. of Paint Applications  | 1       |
| Skip Stripe No. of Stripes             | 0       |

#### Pay Items

| Pay item                       | Description                              | Quantity | Unit | Unit Price | Extended Amount     |
|--------------------------------|------------------------------------------|----------|------|------------|---------------------|
| 706-1-3                        | RAISED PAVMT MARK, TYPE B                | 18.00    | EA   | \$4.84     | \$87.12             |
| 710-11-101                     | PAINTED PAVT MARK,STD,WHITE,SOLID,6"     | 0.27     | GM   | \$1,236.52 | \$333.86            |
| 711-16-101                     | THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6" | 0.27     | GM   | \$6,518.29 | \$1,759.94          |
| 711-16-201                     | THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6" | 0.27     | GM   | \$6,595.19 | \$1,780.70          |
| <b>Roadway Component Total</b> |                                          |          |      |            | <b>\$119,885.97</b> |

#### SHOULDER COMPONENT

##### User Input Data

| Description                                 | Value         |
|---------------------------------------------|---------------|
| Total Outside Shoulder Width L/R            | 10.00 / 10.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 2.67 / 2.67   |
| Paved Outside Shoulder Width L/R            | 0.00 / 3.00   |
| Structural Spread Rate                      | 0             |
| Friction Course Spread Rate                 | 165           |
| Total Width (T) / 8" Overlap (O)            | T             |
| Rumble Strips ½No. of Sides                 | 0             |

**Pay Items**

| Pay item | Description                                 | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------------------------------|----------|------|------------|-----------------|
| 327-70-6 | MILLING EXIST ASPH PAVT,1 1/2"<br>AVG DEPTH | 235.84   | SY   | \$6.29     | \$1,483.43      |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-<br>12.5,PG 76-22 | 19.46    | TN   | \$184.96   | \$3,599.32      |
| 570-1-2  | PERFORMANCE TURF, SOD                       | 419.80   | SY   | \$5.91     | \$2,481.02      |

**Erosion Control****Pay Items**

| Pay item                        | Description    | Quantity | Unit | Unit Price | Extended Amount   |
|---------------------------------|----------------|----------|------|------------|-------------------|
| 107-1                           | LITTER REMOVAL | 0.97     | AC   | \$84.59    | \$82.05           |
| 107-2                           | MOWING         | 0.97     | AC   | \$148.87   | \$144.40          |
| <b>Shoulder Component Total</b> |                |          |      |            | <b>\$7,790.22</b> |

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|                         |                     |
|-------------------------|---------------------|
| <b>Sequence 1 Total</b> | <b>\$131,661.43</b> |
|-------------------------|---------------------|

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Sequence: 2 RSD - Resurfacing, Divided

Net Length: 0.109 MI  
576 LF

Description: NW 47th Ave. to begin exception. (Section 36180000 MP 12.694 to MP 12.803)

### EARTHWORK COMPONENT

#### User Input Data

| Description                               | Value       |
|-------------------------------------------|-------------|
| Standard Clearing and Grubbing Limits L/R | 2.67 / 2.67 |
| Incidental Clearing and Grubbing Area     | 0.00        |

#### Pay Items

| Pay item                  | Description         | Quantity Unit | Unit Price  | Extended Amount |
|---------------------------|---------------------|---------------|-------------|-----------------|
| 110-1-1                   | CLEARING & GRUBBING | 0.07 AC       | \$44,280.42 | \$3,099.63      |
| Earthwork Component Total |                     |               |             | \$3,099.63      |

### ROADWAY COMPONENT

#### User Input Data

| Description                 | Value         |
|-----------------------------|---------------|
| Number of Lanes             | 4             |
| Roadway Pavement Width L/R  | 24.00 / 26.00 |
| Structural Spread Rate      | 165           |
| Friction Course Spread Rate | 165           |

#### Pay Items

| Pay item | Description                             | Quantity Unit | Unit Price | Extended Amount |
|----------|-----------------------------------------|---------------|------------|-----------------|
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG DEPTH   | 3,197.33 SY   | \$4.09     | \$13,077.08     |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG76-22    | 263.78 TN     | \$195.18   | \$51,484.58     |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 | 263.78 TN     | \$184.96   | \$48,788.75     |

#### X-Items

| Pay item | Description                                                                                                                                        | Quantity Unit | Unit Price  | Extended Amount |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|-----------------|
| 110-1-1  | CLEARING & GRUBBING                                                                                                                                | 0.36 AC       | \$44,280.42 | \$15,940.95     |
| 110-4-10 | REMOVAL OF EXIST CONC                                                                                                                              | 50.00 SY      | \$35.33     | \$1,766.50      |
| 160-4    | TYPE B STABILIZATION                                                                                                                               | 17.60 SY      | \$22.43     | \$394.77        |
| 285-701  | OPTIONAL BASE,BASE GROUP 01                                                                                                                        | 17.60 SY      | \$29.65     | \$521.84        |
| 327-70-1 | MILLING EXIST ASPH PAVT, 1" AVG DEPTH                                                                                                              | 182.70 SY     | \$3.71      | \$677.82        |
|          | <b>Comment:</b> Milling 1 in. for deeper rehabilitation, ((3,197.33 + 457) x 0.05) = 182.7 sy                                                      |               |             |                 |
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG DEPTH                                                                                                              | 457.00 SY     | \$4.09      | \$1,869.13      |
|          | <b>Comment:</b> Milling for turn lanes.                                                                                                            |               |             |                 |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG76-22                                                                                                               | 50.60 TN      | \$195.18    | \$9,876.11      |
|          | <b>Comment:</b> Structural Course for turn lanes + 1 in. deeper rehab, (457 x 165)/2000 + (182.7 x 110)/2000 + (17.6 x 330)/2000 = 37.7+10.0+2.9 = |               |             |                 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22                                                                                                            | 39.20 TN      | \$184.96    | \$7,250.43      |
|          | <b>Comment:</b> Friction Course for turn lanes. (457 x 165)/2000 + (17.6 x 165)/2000= 39.2                                                         |               |             |                 |

|            |                                                                   |             |            |            |
|------------|-------------------------------------------------------------------|-------------|------------|------------|
| 520-1-10   | CONCRETE CURB & GUTTER,<br>TYPE F                                 | 36.00 LF    | \$53.25    | \$1,917.00 |
| 522-2      | CONCRETE SIDEWALK AND<br>DRIVEWAYS, 6"                            | 21.00 SY    | \$123.44   | \$2,592.24 |
| 527-2      | <b>Comment:</b> Curb ramp reconstruction<br>DETECTABLE WARNINGS   | 10.00 SF    | \$36.15    | \$361.50   |
| 570-1-2    | <b>Comment:</b> Curb ramp reconstruction<br>PERFORMANCE TURF, SOD | 1,300.00 SY | \$5.91     | \$7,683.00 |
| 710-11-160 | PAINTED PAVT MARK,STD,WHITE,<br>MESSAGE                           | 4.00 EA     | \$42.34    | \$169.36   |
| 710-11-170 | PAINTED PAVT MARK,STD,WHITE,<br>ARROWS                            | 6.00 EA     | \$34.60    | \$207.60   |
| 710-11-201 | PAINTED PAVT<br>MARK,STD,YELLOW,SOLID,6"                          | 0.25 GM     | \$1,236.38 | \$309.10   |
| 711-11-160 | THERMOPLASTIC, STD, WHITE,<br>MESSAGE                             | 4.00 EA     | \$168.32   | \$673.28   |
| 711-11-170 | THERMOPLASTIC, STD, WHITE,<br>ARROW                               | 6.00 EA     | \$83.95    | \$503.70   |

#### Turnouts/Crossovers Subcomponent

| Description          | Value |
|----------------------|-------|
| Asphalt Adjustment   | 15.00 |
| Milling Code         | Y     |
| Friction Course Code | Y     |

#### Pay Items

| Pay item | Description                                 | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------------------------------|----------|------|------------|-----------------|
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG<br>DEPTH    | 479.60   | SY   | \$4.09     | \$1,961.56      |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C,<br>PG76-22     | 39.57    | TN   | \$195.18   | \$7,723.27      |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-<br>12.5,PG 76-22 | 39.57    | TN   | \$184.96   | \$7,318.87      |

#### Pavement Marking Subcomponent

| Description                            | Value   |
|----------------------------------------|---------|
| Include Thermo/Tape/Other              | Y       |
| Pavement Type                          | Asphalt |
| Solid Stripe No. of Paint Applications | 1       |
| Solid Stripe No. of Stripes            | 2       |
| Skip Stripe No. of Paint Applications  | 1       |
| Skip Stripe No. of Stripes             | 2       |

#### Pay Items

| Pay item   | Description                                  | Quantity | Unit | Unit Price | Extended Amount |
|------------|----------------------------------------------|----------|------|------------|-----------------|
| 706-1-3    | RAISED PAVMT MARK, TYPE B                    | 44.00    | EA   | \$4.84     | \$212.96        |
| 710-11-101 | PAINTED PAVT<br>MARK,STD,WHITE,SOLID,6"      | 0.22     | GM   | \$1,236.52 | \$272.03        |
| 710-11-131 | PAINTED PAVT<br>MARK,STD,WHITE,SKIP, 6"      | 0.22     | GM   | \$525.73   | \$115.66        |
| 711-16-101 | THERMOPLASTIC, STD-OTH,<br>WHITE, SOLID, 6"  | 0.22     | GM   | \$6,518.29 | \$1,434.02      |
| 711-16-131 | THERMOPLASTIC, STD-OTH,<br>WHITE, SKIP, 6"   | 0.22     | GM   | \$1,971.45 | \$433.72        |
| 711-16-201 | THERMOPLASTIC, STD-<br>OTH,YELLOW, SOLID, 6" | 0.22     | GM   | \$6,595.19 | \$1,450.94      |

#### Roadway Component Total

\$186,987.77

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**SHOULDER COMPONENT****User Input Data**

| Description                                 | Value         |
|---------------------------------------------|---------------|
| Total Outside Shoulder Width L/R            | 10.00 / 10.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 2.67 / 2.67   |
| Paved Outside Shoulder Width L/R            | 5.00 / 5.00   |
| Structural Spread Rate                      | 165           |
| Friction Course Spread Rate                 | 80            |
| Total Width (T) / 8" Overlap (O)            | T             |
| Rumble Strips 1/2 No. of Sides              | 0             |

**Pay Items**

| Pay item | Description                                | Quantity | Unit | Unit Price | Extended Amount |
|----------|--------------------------------------------|----------|------|------------|-----------------|
| 327-70-6 | MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH  | 639.47   | SY   | \$6.29     | \$4,022.27      |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG 76-22      | 52.76    | TN   | \$195.18   | \$10,297.70     |
| 337-7-83 | ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22 | 25.58    | TN   | \$184.96   | \$4,731.28      |
| 570-1-2  | PERFORMANCE TURF, SOD                      | 341.48   | SY   | \$5.91     | \$2,018.15      |

**Erosion Control****Pay Items**

| Pay item | Description             | Quantity | Unit | Unit Price | Extended Amount |
|----------|-------------------------|----------|------|------------|-----------------|
| 104-18   | INLET PROTECTION SYSTEM | 3.00     | EA   | \$199.68   | \$599.04        |
| 107-1    | LITTER REMOVAL          | 0.90     | AC   | \$84.59    | \$76.13         |
| 107-2    | MOWING                  | 0.90     | AC   | \$148.87   | \$133.98        |

**Shoulder Component Total****\$21,878.54**

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**SIGNING COMPONENT****Pay Items**

| Pay item  | Description                             | Quantity | Unit | Unit Price | Extended Amount |
|-----------|-----------------------------------------|----------|------|------------|-----------------|
| 700-1-111 | SINGLE COL GRND SIGN AS, F&I GM, <12 SF | 3.00     | EA   | \$581.59   | \$1,744.77      |
| 700-1-112 | SINGLE COL GRND SIGN AS, F&I GM, 12-20  | 3.00     | EA   | \$2,009.51 | \$6,028.53      |
| 700-1-500 | SINGLE COL GRND SIGN AS, RELOCATE       | 1.00     | EA   | \$352.76   | \$352.76        |
| 700-1-600 | SINGLE COL GRND SIGN AS, REMOVE         | 2.00     | EA   | \$55.11    | \$110.22        |
| 700-2-114 | MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF  | 2.00     | EA   | \$7,165.83 | \$14,331.66     |
| 700-2-600 | MULTI- COLUMN GROUND SIGN, REMOVE       | 2.00     | EA   | \$1,181.74 | \$2,363.48      |

**Signing Component Total****\$24,931.42**

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**Sequence 2 Total****\$236,897.36**

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**Sequence:** 3 RSU - Resurfacing, Undivided

**Net Length:** 0.647 MI  
3,416 LF

**Description:** Section 36180000 MP 13.303 - 13.962. A milling exception is included for FNOR fm MP 13.645 to MP 13.657.

#### ROADWAY COMPONENT

##### User Input Data

| Description                 | Value         |
|-----------------------------|---------------|
| Number of Lanes             | 5             |
| Roadway Pavement Width L/R  | 33.00 / 33.00 |
| Structural Spread Rate      | 165           |
| Friction Course Spread Rate | 165           |

##### Pay Items

| Pay item | Description                                | Quantity Unit | Unit Price | Extended Amount |
|----------|--------------------------------------------|---------------|------------|-----------------|
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG DEPTH      | 25,051.84 SY  | \$4.09     | \$102,462.03    |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG76-22       | 2,066.78 TN   | \$195.18   | \$403,394.12    |
| 337-7-83 | ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22 | 2,066.78 TN   | \$184.96   | \$382,271.63    |

##### X-Items

| Pay item   | Description                                                                                                                                                                               | Quantity Unit | Unit Price | Extended Amount |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------|
| 110-4-10   | REMOVAL OF EXIST CONC                                                                                                                                                                     | 72.20 SY      | \$35.33    | \$2,550.83      |
| 327-70-1   | MILLING EXIST ASPH PAVT, 1" AVG DEPTH<br><b>Comment:</b> Milling 1 in for deeper rehab, $((25,052 + 521) \times 0.05) = 1,278.6$                                                          | 1,278.60 SY   | \$3.71     | \$4,743.61      |
| 327-70-4   | MILLING EXIST ASPH PAVT, 3" AVG DEPTH<br><b>Comment:</b> Turn lane                                                                                                                        | 521.00 SY     | \$4.09     | \$2,130.89      |
| 334-1-53   | SUPERPAVE ASPH CONC, TRAF C, PG76-22<br><b>Comment:</b> Structural Course for turn lane + 1 in for deeper rehab $(521 \times 165)/2000 + (1,278.6 \times 110)/2000 = 113.3$ tns 43.0+70.3 | 113.30 TN     | \$195.18   | \$22,113.89     |
| 337-7-83   | ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22<br><b>Comment:</b> Friction Course for turn lane. $(521 \times 165)/2000 = 43$ tns                                                             | 43.00 TN      | \$184.96   | \$7,953.28      |
| 520-1-10   | CONCRETE CURB & GUTTER, TYPE F<br><b>Comment:</b> Approx 5 curb ramps within the sequence limits. Assume 20lf of concrete per curb ramp to be replaced. $(5 \times 20) = 100$ lf          | 100.00 LF     | \$53.25    | \$5,325.00      |
| 522-2      | CONCRETE SIDEWALK AND DRIVEWAYS, 6"<br><b>Comment:</b> Approx 5 curb ramps within the sequence limits. Assume 10sy of concrete per curb ramp to be replaced. $(5 \times 10) = 50$ sy      | 50.00 SY      | \$123.44   | \$6,172.00      |
| 527-2      | DETECTABLE WARNINGS<br><b>Comment:</b> Approx 5 curb ramps within the sequence limits. Assume 12sf per curb ramp to be replaced. $(5 \times 12) = 60$ sf                                  | 60.00 SF      | \$36.15    | \$2,169.00      |
| 710-11-103 | PAINTED PAVT MARK, STD, WHITE, SOLID, 12"                                                                                                                                                 | 0.13 GM       | \$2,186.24 | \$284.21        |
| 710-11-125 | PAINTED PAVT MARK, STD, WHITE, SOLID, 24"                                                                                                                                                 | 888.00 LF     | \$1.80     | \$1,598.40      |

|            |                                                                                  |           |             |            |
|------------|----------------------------------------------------------------------------------|-----------|-------------|------------|
|            | <b>Comment:</b> 248 ft for stop bars and dynamic envelope, 640 ft for crosswalks |           |             |            |
| 710-11-160 | PAINTED PAVT MARK,STD,WHITE, MESSAGE                                             | 2.00 EA   | \$42.34     | \$84.68    |
| 710-11-170 | PAINTED PAVT MARK,STD,WHITE, ARROWS                                              | 30.00 EA  | \$34.60     | \$1,038.00 |
| 710-11-201 | PAINTED PAVT MARK,STD,YELLOW,SOLID,6"                                            | 2.05 GM   | \$1,236.38  | \$2,534.58 |
| 711-11-103 | THERMOPLASTIC, STD, WHITE, SOLID, 12"                                            | 0.13 GM   | \$12,014.73 | \$1,561.91 |
| 711-11-125 | THERMOPLASTIC, STD, WHITE, SOLID, 24"                                            | 888.00 LF | \$6.73      | \$5,976.24 |
|            | <b>Comment:</b> 248 ft for stop bars and dynamic envelope, 640 ft for crosswalks |           |             |            |
| 711-11-160 | THERMOPLASTIC, STD, WHITE, MESSAGE                                               | 2.00 EA   | \$168.32    | \$336.64   |
| 711-11-170 | THERMOPLASTIC, STD, WHITE, ARROW                                                 | 30.00 EA  | \$83.95     | \$2,518.50 |

#### Turnouts/Crossovers Subcomponent

| Description          | Value |
|----------------------|-------|
| Asphalt Adjustment   | 5.00  |
| Milling Code         | Y     |
| Friction Course Code | Y     |

#### Pay Items

| Pay item | Description                             | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------------|----------|------|------------|-----------------|
| 327-70-4 | MILLING EXIST ASPH PAVT, 3" AVG DEPTH   | 1,252.59 | SY   | \$4.09     | \$5,123.09      |
| 334-1-53 | SUPERPAVE ASPH CONC, TRAF C, PG76-22    | 103.34   | TN   | \$195.18   | \$20,169.90     |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 | 103.34   | TN   | \$184.96   | \$19,113.77     |

#### Pavement Marking Subcomponent

| Description                            | Value   |
|----------------------------------------|---------|
| Include Thermo/Tape/Other              | Y       |
| Pavement Type                          | Asphalt |
| Solid Stripe No. of Paint Applications | 1       |
| Solid Stripe No. of Stripes            | 2       |
| Skip Stripe No. of Paint Applications  | 1       |
| Skip Stripe No. of Stripes             | 4       |

#### Pay Items

| Pay item   | Description                              | Quantity | Unit | Unit Price | Extended Amount |
|------------|------------------------------------------|----------|------|------------|-----------------|
| 706-1-3    | RAISED PAVMT MARK, TYPE B                | 524.00   | EA   | \$4.84     | \$2,536.16      |
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6"     | 1.29     | GM   | \$1,236.52 | \$1,595.11      |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6"     | 2.59     | GM   | \$525.73   | \$1,361.64      |
| 711-16-101 | THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6" | 1.29     | GM   | \$6,518.29 | \$8,408.59      |
| 711-16-131 | THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"  | 2.59     | GM   | \$1,971.45 | \$5,106.06      |
| 711-16-201 | THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6" | 1.29     | GM   | \$6,595.19 | \$8,507.80      |

#### Roadway Component Total

\$1,029,141.56

## SHOULDER COMPONENT

### User Input Data

| Description                                 | Value       |
|---------------------------------------------|-------------|
| Total Outside Shoulder Width L/R            | 0.00 / 0.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 0.00 / 0.00 |
| Paved Outside Shoulder Width L/R            | 0.00 / 0.00 |
| Structural Spread Rate                      | 110         |
| Friction Course Spread Rate                 | 80          |
| Total Width (T) / 8" Overlap (O)            | T           |
| Rumble Strips 1/2 No. of Sides              | 0           |

### Erosion Control

#### Pay Items

| Pay item                 | Description             | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------|-------------------------|----------|------|------------|-----------------|
| 104-18                   | INLET PROTECTION SYSTEM | 35.00    | EA   | \$199.68   | \$6,988.80      |
| 107-1                    | LITTER REMOVAL          | 1.69     | AC   | \$84.59    | \$142.96        |
| 107-2                    | MOWING                  | 1.69     | AC   | \$148.87   | \$251.59        |
| Shoulder Component Total |                         |          |      |            | \$7,383.35      |

## SIGNING COMPONENT

#### Pay Items

| Pay item                | Description                             | Quantity | Unit | Unit Price | Extended Amount |
|-------------------------|-----------------------------------------|----------|------|------------|-----------------|
| 700-1-111               | SINGLE COL GRND SIGN AS, F&I GM, <12 SF | 7.00     | EA   | \$581.59   | \$4,071.13      |
| 700-1-112               | SINGLE COL GRND SIGN AS, F&I GM, 12-20  | 10.00    | EA   | \$2,009.51 | \$20,095.10     |
| 700-1-500               | SINGLE COL GRND SIGN AS, RELOCATE       | 2.00     | EA   | \$352.76   | \$705.52        |
| 700-1-600               | SINGLE COL GRND SIGN AS, REMOVE         | 9.00     | EA   | \$55.11    | \$495.99        |
| 700-2-114               | MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF  | 2.00     | EA   | \$7,165.83 | \$14,331.66     |
| 700-2-600               | MULTI- COLUMN GROUND SIGN, REMOVE       | 2.00     | EA   | \$1,181.74 | \$2,363.48      |
| Signing Component Total |                                         |          |      |            | \$42,062.88     |

## SIGNALIZATIONS COMPONENT

### Signalization 1

| Description | Value         |
|-------------|---------------|
| Type        | Miscellaneous |
| Multiplier  | 1             |
| Description | CR 25A        |

### X-Items

| Pay item | Description                | Quantity | Unit | Unit Price | Extended Amount |
|----------|----------------------------|----------|------|------------|-----------------|
| 671-2-40 | TRAFFIC CONTROLLER, MODIFY | 1.00     | EA   | \$3,241.83 | \$3,241.83      |

### Traffic Monitoring 1

| Description | Value |
|-------------|-------|
| Lanes       | 4     |
| Multiplier  | 1     |

**Pay Items**

| <b>Pay item</b> | <b>Description</b>                | <b>Quantity</b> | <b>Unit</b> | <b>Unit Price</b> | <b>Extended Amount</b> |
|-----------------|-----------------------------------|-----------------|-------------|-------------------|------------------------|
| 630-2-11        | CONDUIT, F& I, OPEN TRENCH        | 50.00           | LF          | \$23.26           | \$1,163.00             |
| 630-2-12        | CONDUIT, F& I, DIRECTIONAL BORE   | 100.00          | LF          | \$37.17           | \$3,717.00             |
| 635-2-11        | PULL & SPLICE BOX, F&I, 13" x 24" | 2.00            | EA          | \$1,386.42        | \$2,772.84             |
| 695-1-1         | TMS VEH SNSR-NON-WEIGHT, F&I,     | 4.00            | EA          | \$2,324.33        | \$9,297.32             |
| 695-6-12        | TMS IND LOOP ASSEMBLY             | 4.00            | EA          | \$1,603.98        | \$6,415.92             |
| 695-7-132       | TMS CABINET, F&I , TYP 3 PEDESTAL | 1.00            | EA          | \$7,909.23        | \$7,909.23             |

**X-Items**

| <b>Pay item</b> | <b>Description</b>  | <b>Quantity</b> | <b>Unit</b> | <b>Unit Price</b> | <b>Extended Amount</b> |
|-----------------|---------------------|-----------------|-------------|-------------------|------------------------|
| 695-7-600       | TMS CABINET, REMOVE | 1.00            | EA          | \$964.91          | \$964.91               |

|                                       |                    |
|---------------------------------------|--------------------|
| <b>Signalizations Component Total</b> | <b>\$35,482.05</b> |
|---------------------------------------|--------------------|

|                         |                       |
|-------------------------|-----------------------|
| <b>Sequence 3 Total</b> | <b>\$1,114,069.84</b> |
|-------------------------|-----------------------|

Sequence: 4 RSD - Resurfacing, Divided

Net Length: 1.689 MI  
8,918 LF

Description: East of NW Gainesville Road to US 301/441 (Section 36180000, MP 13.962 to MP 14.003 and  
Section 36180001, MP 0.000 - MP 1.648)

#### EARTHWORK COMPONENT

##### User Input Data

| Description                               | Value       |
|-------------------------------------------|-------------|
| Standard Clearing and Grubbing Limits L/R | 5.33 / 5.33 |
| Incidental Clearing and Grubbing Area     | 0.00        |

##### Pay Items

| Pay item                  | Description         | Quantity | Unit | Unit Price  | Extended Amount |
|---------------------------|---------------------|----------|------|-------------|-----------------|
| 110-1-1                   | CLEARING & GRUBBING | 2.18     | AC   | \$44,280.42 | \$96,531.32     |
| Earthwork Component Total |                     |          |      |             | \$96,531.32     |

#### ROADWAY COMPONENT

##### User Input Data

| Description                 | Value         |
|-----------------------------|---------------|
| Number of Lanes             | 4             |
| Roadway Pavement Width L/R  | 24.00 / 24.00 |
| Structural Spread Rate      | 330           |
| Friction Course Spread Rate | 80            |

##### Pay Items

| Pay item  | Description                              | Quantity  | Unit | Unit Price | Extended Amount |
|-----------|------------------------------------------|-----------|------|------------|-----------------|
| 327-70-20 | MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH | 47,562.24 | SY   | \$3.60     | \$171,224.06    |
| 334-1-53  | SUPERPAVE ASPH CONC, TRAF C, PG76-22     | 7,847.77  | TN   | \$195.18   | \$1,531,727.75  |
| 337-7-25  | ASPH CONC FC,INC BIT,FC-5,PG76-22        | 1,902.49  | TN   | \$182.40   | \$347,014.18    |

##### X-Items

| Pay item  | Description                                                                                                                                                                                                                                                 | Quantity | Unit | Unit Price | Extended Amount |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|-----------------|
| 110-4-10  | REMOVAL OF EXIST CONC<br><b>Comment:</b> Removal of concrete within paved shoulders.                                                                                                                                                                        | 129.00   | SY   | \$35.33    | \$4,557.57      |
| 327-70-1  | MILLING EXIST ASPH PAVT, 1" AVG DEPTH<br><b>Comment:</b> 1in milling on 5% of roadway for deeper rehab<br>((47,562 + 8,670) x 0.05) = 2,812 sy                                                                                                              | 2,812.00 | SY   | \$3.71     | \$10,432.52     |
| 327-70-20 | MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH<br><b>Comment:</b> 13 turn lanes, approx 500ft each. (13 x 500 x 12)/9 = 8,670sy                                                                                                                                   | 8,670.00 | SY   | \$3.60     | \$31,212.00     |
| 334-1-53  | SUPERPAVE ASPH CONC, TRAF C, PG76-22<br><b>Comment:</b> 3" turn lanes + 5% deeper rehab + shldrs + Uturn, (8,670 x 330)/2000 + (2,812 x 110)/2000 + (129 x 220)/2000 + (133 x 220)/2000 = 1,614tns + 5% overbuild = (1,430.6 + 154.7 + 28.8)*1.05 = 1,694.8 | 1,695.00 | TN   | \$195.18   | \$330,830.10    |
| 337-7-25  | ASPH CONC FC,INC BIT,FC-5,PG76-22<br><b>Comment:</b> 3/4" per turn lane + new pav shldrs + U-turn widen, (8,670 x 80)/2000 + (129 x 80)/2000 + (133 x 80)/2000 = 346.8+5.2+5.3 = 357.3tns                                                                   | 357.30   | TN   | \$182.40   | \$65,171.52     |

|            |                                                                                                                                      |           |            |             |
|------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------|
| 522-2      | CONCRETE SIDEWALK AND DRIVEWAYS, 6"                                                                                                  | 278.00 SY | \$123.44   | \$34,316.32 |
|            | <b>Comment:</b> Reprofile existing conc drwys where shldr pvt is being reconstructed. 5 drwys approx 500 sf/lo (5 x 500)/9 = 278 sy. |           |            |             |
| 710-11-201 | PAINTED PAVT MARK,STD,YELLOW,SOLID,6"                                                                                                | 3.38 GM   | \$1,236.38 | \$4,178.96  |

#### Turnouts/Crossovers Subcomponent

| Description          | Value |
|----------------------|-------|
| Asphalt Adjustment   | 5.00  |
| Milling Code         | Y     |
| Friction Course Code | N     |

#### Pay Items

| Pay item  | Description                              | Quantity Unit | Unit Price | Extended Amount |
|-----------|------------------------------------------|---------------|------------|-----------------|
| 327-70-20 | MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH | 2,378.11 SY   | \$3.60     | \$8,561.20      |
| 334-1-53  | SUPERPAVE ASPH CONC, TRAF C, PG76-22     | 392.39 TN     | \$195.18   | \$76,586.68     |

#### Pavement Marking Subcomponent

| Description                            | Value   |
|----------------------------------------|---------|
| Include Thermo/Tape/Other              | Y       |
| Pavement Type                          | Asphalt |
| Solid Stripe No. of Paint Applications | 1       |
| Solid Stripe No. of Stripes            | 2       |
| Skip Stripe No. of Paint Applications  | 1       |
| Skip Stripe No. of Stripes             | 2       |

#### Pay Items

| Pay item   | Description                             | Quantity Unit | Unit Price | Extended Amount |
|------------|-----------------------------------------|---------------|------------|-----------------|
| 706-1-3    | RAISED PAVMT MARK, TYPE B               | 684.00 EA     | \$4.84     | \$3,310.56      |
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6"    | 3.38 GM       | \$1,236.52 | \$4,179.44      |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6"    | 3.38 GM       | \$525.73   | \$1,776.97      |
| 711-15-101 | THERMOPLASTIC, STD-OP, WHITE, SOLID, 6" | 3.38 GM       | \$5,625.87 | \$19,015.44     |
| 711-15-131 | THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"  | 3.38 GM       | \$1,611.66 | \$5,447.41      |
| 711-15-201 | THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6" | 3.38 GM       | \$5,629.32 | \$19,027.10     |

**Roadway Component Total** \$2,668,569.78

### SHOULDER COMPONENT

#### User Input Data

| Description                                 | Value       |
|---------------------------------------------|-------------|
| Total Outside Shoulder Width L/R            | 7.67 / 7.67 |
| Total Outside Shoulder Perf. Turf Width L/R | 2.67 / 2.67 |
| Paved Outside Shoulder Width L/R            | 5.00 / 5.00 |
| Structural Spread Rate                      | 165         |
| Friction Course Spread Rate                 | 80          |
| Total Width (T) / 8" Overlap (O)            | T           |
| Rumble Strips 1/2 No. of Sides              | 2           |

**Pay Items**

| Pay item  | Description                              | Quantity | Unit | Unit Price | Extended Amount |
|-----------|------------------------------------------|----------|------|------------|-----------------|
| 327-70-11 | MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH | 9,908.80 | SY   | \$3.23     | \$32,005.42     |
| 334-1-53  | SUPERPAVE ASPH CONC, TRAF C, PG76-22     | 817.48   | TN   | \$195.18   | \$159,555.75    |
| 337-7-25  | ASPH CONC FC,INC BIT,FC-5,PG76-22        | 396.35   | TN   | \$182.40   | \$72,294.24     |
| 546-72-3  | GROUND-IN RUMBLE STRIPS, 8" SIN          | 3.38     | GM   | \$1,896.83 | \$6,411.29      |
| 570-1-2   | PERFORMANCE TURF, SOD                    | 5,291.30 | SY   | \$5.91     | \$31,271.58     |

**X-Items**

| Pay item | Description                                                                                               | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------------------------------------------------------------------------------|----------|------|------------|-----------------|
| 160-4    | TYPE B STABILIZATION<br><b>Comment:</b> New paved shoulders to replace existing concrete sections.        | 129.00   | SY   | \$22.43    | \$2,893.47      |
| 285-701  | OPTIONAL BASE,BASE GROUP 01<br><b>Comment:</b> New paved shoulders to replace existing concrete sections. | 129.00   | SY   | \$29.65    | \$3,824.85      |

**Erosion Control****Pay Items**

| Pay item                        | Description                            | Quantity | Unit | Unit Price | Extended Amount     |
|---------------------------------|----------------------------------------|----------|------|------------|---------------------|
| 104-10-3                        | SEDIMENT BARRIER                       | 4,500.00 | LF   | \$3.64     | \$16,380.00         |
| 104-12                          | STAKED TURBIDITY BARRIER-NYL REINF PVC | 500.00   | LF   | \$7.81     | \$3,905.00          |
| 104-18                          | INLET PROTECTION SYSTEM                | 22.00    | EA   | \$199.68   | \$4,392.96          |
| 107-1                           | LITTER REMOVAL                         | 119.80   | AC   | \$84.59    | \$10,133.88         |
| 107-2                           | MOWING                                 | 119.80   | AC   | \$148.87   | \$17,834.63         |
| <b>Shoulder Component Total</b> |                                        |          |      |            | <b>\$360,903.07</b> |

**MEDIAN COMPONENT****User Input Data**

| Description                        | Value       |
|------------------------------------|-------------|
| Total Median Width                 | 40.00       |
| Performance Turf Width             | 2.67        |
| Total Median Shoulder Width L/R    | 8.00 / 8.00 |
| Paved Median Shoulder Width L/R    | 4.00 / 4.00 |
| Structural Spread Rate             | 165         |
| Friction Course Spread Rate        | 80          |
| Total Width (T) / 8" Overlap (O)   | T           |
| Rumble Strips i/c 1/2 No. of Sides | 2           |

**Pay Items**

| Pay item  | Description                              | Quantity | Unit | Unit Price | Extended Amount |
|-----------|------------------------------------------|----------|------|------------|-----------------|
| 327-70-11 | MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH | 7,927.04 | SY   | \$3.23     | \$25,604.34     |
| 334-1-53  | SUPERPAVE ASPH CONC, TRAF C, PG76-22     | 653.98   | TN   | \$195.18   | \$127,643.82    |
| 337-7-25  | ASPH CONC FC,INC BIT,FC-5,PG76-22        | 317.08   | TN   | \$182.40   | \$57,835.39     |
| 546-72-3  | GROUND-IN RUMBLE STRIPS, 8" SIN          | 3.00     | GM   | \$1,896.83 | \$5,690.49      |
| 570-1-2   | PERFORMANCE TURF, SOD                    | 2,645.65 | SY   | \$5.91     | \$15,635.79     |

**Median Component Total**

\$232,409.83

**DRAINAGE COMPONENT****X-Items**

| Pay item  | Description                     | Quantity | Unit | Unit Price | Extended Amount |
|-----------|---------------------------------|----------|------|------------|-----------------|
| 425-1-525 | INLETS, DT BOT, TYPE C, PARTIAL | 1.00     | EA   | \$7,797.22 | \$7,797.22      |

**Drainage Component Total**

\$7,797.22

**SIGNING COMPONENT****Pay Items**

| Pay item  | Description                             | Quantity | Unit | Unit Price | Extended Amount |
|-----------|-----------------------------------------|----------|------|------------|-----------------|
| 700-1-111 | SINGLE COL GRND SIGN AS, F&I GM, <12 SF | 33.00    | EA   | \$581.59   | \$19,192.47     |
| 700-1-112 | SINGLE COL GRND SIGN AS, F&I GM, 12-20  | 30.00    | EA   | \$2,009.51 | \$60,285.30     |
| 700-1-500 | SINGLE COL GRND SIGN AS, RELOCATE       | 4.00     | EA   | \$352.76   | \$1,411.04      |
| 700-1-600 | SINGLE COL GRND SIGN AS, REMOVE         | 27.00    | EA   | \$55.11    | \$1,487.97      |
| 700-2-114 | MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF  | 4.00     | EA   | \$7,165.83 | \$28,663.32     |
| 700-2-600 | MULTI- COLUMN GROUND SIGN, REMOVE       | 2.00     | EA   | \$1,181.74 | \$2,363.48      |

**Signing Component Total**

\$113,403.58

**SIGNALIZATIONS COMPONENT****Traffic Monitoring 1**

| Description | Value |
|-------------|-------|
| Lanes       | 4     |
| Multiplier  | 1     |

**Pay Items**

| Pay item  | Description                       | Quantity | Unit | Unit Price | Extended Amount |
|-----------|-----------------------------------|----------|------|------------|-----------------|
| 630-2-11  | CONDUIT, F& I, OPEN TRENCH        | 60.00    | LF   | \$23.26    | \$1,395.60      |
| 630-2-12  | CONDUIT, F& I, DIRECTIONAL BORE   | 100.00   | LF   | \$37.17    | \$3,717.00      |
| 635-2-11  | PULL & SPLICE BOX, F&I, 13" x 24" | 2.00     | EA   | \$1,386.42 | \$2,772.84      |
| 695-1-1   | TMS VEH SNSR-NON-WEIGHT, F&I,     | 4.00     | EA   | \$2,324.33 | \$9,297.32      |
| 695-6-12  | TMS IND LOOP ASSEMBLY             | 4.00     | EA   | \$1,603.98 | \$6,415.92      |
| 695-7-132 | TMS CABINET, F&I , TYP 3 PEDESTAL | 1.00     | EA   | \$7,909.23 | \$7,909.23      |

**X-Items**

| Pay item  | Description         | Quantity | Unit | Unit Price | Extended Amount |
|-----------|---------------------|----------|------|------------|-----------------|
| 695-7-600 | TMS CABINET, REMOVE | 1.00     | EA   | \$964.91   | \$964.91        |

**Signalizations Component Total**

\$32,472.82



**Sequence:** 5 MIS - Miscellaneous Construction

**Net Length:** 0.000 MI  
0 LF

**Description:** Placeholder for rail work (current estimate of \$150,000 provided by District Rail Office) to be included in Phase 57.

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| MISCELLANEOUS COMPONENT       |                                        |          |      |                            |
|-------------------------------|----------------------------------------|----------|------|----------------------------|
| EX-Items                      |                                        |          |      |                            |
| Pay item                      | Description                            | Quantity | Unit | Unit Price Extended Amount |
| 509-70-3                      | MASS TRAN-GRADE CR ASSY, F&I, TYPE III | 1.00     | LS   | \$1.00 \$1.00              |
| Miscellaneous Component Total |                                        |          |      | \$1.00                     |

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|                  |        |
|------------------|--------|
| Sequence 5 Total | \$1.00 |
|------------------|--------|

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# FDOT Long Range Estimating System - Production

## R3: Project Details by Sequence Report

**Project:** 454216-1-52-01**Letting Date:** 01/2099**Description:** SR 326 from Begin State Maintenance to US 301/441**District:** 05**County:** 36 MARION**Market Area:** 06**Units:** English**Contract Class:** Lump Sum Project: N**Design/Build:** N**Project Length:** 2.606 MI**Project Manager:** HNTB/CB/RX**Version 2 Project Grand Total****\$6,104,043.95****Description:** SR 326 from Begin State Maintenance to US 301/441 RRR**Project Sequences Subtotal****\$4,994,717.25**

|       |                        |         |              |
|-------|------------------------|---------|--------------|
| 102-1 | Maintenance of Traffic | 10.00 % | \$499,471.72 |
| 101-1 | Mobilization           | 10.00 % | \$549,418.90 |

**Project Sequences Total****\$6,043,607.87**

|                  |        |        |
|------------------|--------|--------|
| Project Unknowns | 0.00 % | \$0.00 |
|------------------|--------|--------|

**Justification for high %:** Standard percentages for MOT and MOB. 10% unknowns due to pending MPSV data.

|              |        |        |
|--------------|--------|--------|
| Design/Build | 0.00 % | \$0.00 |
|--------------|--------|--------|

**Non-Bid Components:**

| Pay item | Description                                | Quantity | Unit | Unit Price  | Extended Amount |
|----------|--------------------------------------------|----------|------|-------------|-----------------|
| 999-25   | INITIAL CONTINGENCY AMOUNT<br>(DO NOT BID) |          | LS   | \$60,436.08 | \$60,436.08     |

**Project Non-Bid Subtotal****\$60,436.08****Version 2 Project Grand Total****\$6,104,043.95**