

An aerial photograph of a city grid. A vertical yellow highlight is on the left side, and a yellow arrow points from it towards the right. The text 'APPENDIX E' is centered in the upper half of the image.

APPENDIX E

LONG RANGE ESTIMATES

Interchange LRE

From West of I-95 to John Rodes Boulevard

Date: 10/2/2012 2:00:29 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05

County: 70 BREVARD

Market Area: 08

Units: English

Contract Class: 4 Lump Sum Project: N

Design/Build: N

Project Length: 2.083 MI

Project Manager: MIM

Version 4 Project Grand Total

\$21,806,484.50

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

Sequence: 1 NDU - New Construction, Divided, Urban

Net Length: 0.568 MI

3,000 LF

Description: West of I-95 to John Rodes Blvd

EARTHWORK COMPONENT

User Input Data

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 105.00 / 105.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.568 |
| Top of Structural Course For Begin Section | 112.00 |
| Top of Structural Course For End Section | 112.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 4 to 1 / 4 to 1 |
| Median Shoulder Cross Slope L/R | 4.00 % / 4.00 % |
| Outside Shoulder Cross Slope L/R | 2.00 % / 2.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|------------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 14.46 | AC | \$6,000.00 | \$86,760.00 |
| 120-6 | EMBANKMENT | 207,167.02 | CY | \$5.60 | \$1,160,135.31 |

X-Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|----------------------------------|-----------|------|------------|-----------------|
| 120-1 | REGULAR EXCAVATION | 19,287.00 | CY | \$3.00 | \$57,861.00 |
| | Comment: Canal Relocation | | | | |

Earthwork Component Total

\$1,304,756.31

ROADWAY COMPONENT

User Input Data

| Description | Value |
|-----------------|-------|
| Number of Lanes | 4 |

| | |
|-----------------------------|---------------|
| Roadway Pavement Width L/R | 34.50 / 34.50 |
| Structural Spread Rate | 330 |
| Friction Course Spread Rate | 165 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|-----------|------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 26,440.85 | SY | \$2.98 | \$78,793.73 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 23,000.74 | SY | \$13.51 | \$310,740.00 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 3,795.12 | TN | \$81.29 | \$308,505.30 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 1,897.56 | TN | \$99.10 | \$188,048.20 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------------|---|----------|------|------------|---------------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 230.00 | EA | \$3.41 | \$784.30 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 4.55 | NM | \$827.57 | \$3,765.44 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 2.27 | GM | \$343.98 | \$780.83 |
| Roadway Component Total | | | | | \$891,417.80 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 12.25 / 12.25 |
| Total Outside Shoulder Perf. Turf Width L/R | 5.00 / 5.00 |
| Sidewalk Width L/R | 5.00 / 5.00 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------|----------|------|------------|-----------------|
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 3,000.10 | LF | \$13.92 | \$41,761.39 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 3,000.10 | LF | \$13.92 | \$41,761.39 |
| 522-1 | SIDEWALK CONC, 4" THICK | 3,333.44 | SY | \$26.05 | \$86,836.11 |
| 570-1-1 | PERFORMANCE TURF | 3,333.44 | SY | \$0.35 | \$1,166.70 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|------------------|----------|------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 6,000.19 | LF | \$1.05 | \$6,300.20 |

| | | | | |
|---------------------------------|--|-----------|------------|---------------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 142.05 LF | \$10.27 | \$1,458.85 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 142.05 LF | \$5.22 | \$741.50 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 104-18 | INLET PROTECTION SYSTEM | 29.00 EA | \$66.20 | \$1,919.80 |
| 107-1 | LITTER REMOVAL | 1.08 AC | \$29.18 | \$31.51 |
| 107-2 | MOWING | 1.08 AC | \$45.09 | \$48.70 |
| Shoulder Component Total | | | | \$183,942.11 |

MEDIAN COMPONENT

User Input Data

| Description | Value |
|------------------------|-------|
| Total Median Width | 22.00 |
| Performance Turf Width | 17.50 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------------------------|-----------------------------------|----------|------|------------|--------------------|
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 6,000.19 | LF | \$11.53 | \$69,182.19 |
| 570-1-1 | PERFORMANCE TURF | 5,833.52 | SY | \$0.35 | \$2,041.73 |
| Median Component Total | | | | | \$71,223.92 |

DRAINAGE COMPONENT

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 10.23 | CY | \$500.00 | \$5,115.00 |
| 425-1-351 | INLETS, CURB, TYPE P-5, <10' | 21.00 | EA | \$3,227.04 | \$67,767.84 |
| 425-1-451 | INLETS, CURB, TYPE J-5, <10' | 6.00 | EA | \$4,603.94 | \$27,623.64 |
| 425-1-521 | INLETS, DT BOT, TYPE C, <10' | 3.00 | EA | \$2,019.18 | \$6,057.54 |
| 425-2-41 | MANHOLES, P-7, <10' | 3.00 | EA | \$2,577.42 | \$7,732.26 |
| 430-175-124 | PIPE CULV, OPT MATL, ROUND, 24"S/CD | 1,503.46 | LF | \$50.62 | \$76,105.15 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 134.10 | LF | \$81.89 | \$10,981.45 |
| 430-175-148 | PIPE CULV, OPT MATL, ROUND, 48"S/CD | 2,841.00 | LF | \$122.04 | \$346,715.64 |
| 570-1-1 | PERFORMANCE TURF | 172.73 | SY | \$0.35 | \$60.46 |

Retention Basin 1

| Description | Value |
|-------------|---------|
| Size | 2 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 1A |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.00 | AC | \$6,000.00 | \$12,000.00 |

| | | | | |
|-------------|---|--------------|------------|-------------|
| 120-1 | REGULAR EXCAVATION | 19,360.00 CY | \$3.00 | \$58,080.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 CY | \$500.00 | \$9,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 EA | \$3,072.49 | \$3,072.49 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 EA | \$4,914.14 | \$4,914.14 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 LF | \$106.62 | \$5,970.72 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 LF | \$209.52 | \$41,904.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,180.00 LF | \$9.04 | \$10,667.20 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 1.00 EA | \$2,079.62 | \$2,079.62 |
| 570-1-1 | PERFORMANCE TURF | 9,680.00 SY | \$0.35 | \$3,388.00 |

Retention Basin 2

| | |
|--------------------|---------------------|
| Description | Value |
| Size | 15 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Regional Pond Alt B |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------|---|------------|------|------------|-----------------------|
| 110-1-1 | CLEARING & GRUBBING | 15.00 | AC | \$6,000.00 | \$90,000.00 |
| 120-1 | REGULAR EXCAVATION | 145,200.00 | CY | \$3.00 | \$435,600.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 48.00 | CY | \$500.00 | \$24,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 2.00 | EA | \$3,072.49 | \$6,144.98 |
| 425-2-71 | MANHOLES, J-7, <10' | 3.00 | EA | \$4,914.14 | \$14,742.42 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 104.00 | LF | \$106.62 | \$11,088.48 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 600.00 | LF | \$209.52 | \$125,712.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 3,600.00 | LF | \$9.04 | \$32,544.00 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 4.00 | EA | \$2,079.62 | \$8,318.48 |
| 570-1-1 | PERFORMANCE TURF | 72,600.00 | SY | \$0.35 | \$25,410.00 |
| Drainage Component Total | | | | | \$1,472,795.51 |

INTERSECTIONS COMPONENT**Intersection 1**

| | |
|--------------------------------------|-------------------------|
| Description | Value |
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 1 |
| Cross Street No. of Right Turn Lanes | 1 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | West ramps intersection |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,256.59 | CY | \$3.00 | \$3,769.77 |
| 160-4 | TYPE B STABILIZATION | 935.89 | SY | \$2.98 | \$2,788.95 |
| 160-4 | TYPE B STABILIZATION | 3,034.03 | SY | \$2.98 | \$9,041.41 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 935.89 | SY | \$13.51 | \$12,643.87 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,034.03 | SY | \$13.51 | \$40,989.75 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 154.42 | TN | \$81.29 | \$12,552.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 500.61 | TN | \$81.29 | \$40,694.59 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 250.31 | TN | \$99.10 | \$24,805.72 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 77.21 | TN | \$99.10 | \$7,651.51 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$11.53 | \$2,338.75 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 | LF | \$13.92 | \$13,168.32 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 | LF | \$24.64 | \$9,609.60 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 195.00 | LF | \$24.64 | \$4,804.80 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 | SY | \$26.05 | \$13,690.84 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 | SY | \$36.77 | \$6,393.94 |
| 570-1-1 | PERFORMANCE TURF | 525.56 | SY | \$0.35 | \$183.95 |

Intersection 2

| Description | Value |
|--------------------------------------|-------------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 1 |
| Cross Street No. of Right Turn Lanes | 1 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | East ramps intersection |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,256.59 | CY | \$3.00 | \$3,769.77 |
| 160-4 | TYPE B STABILIZATION | 935.89 | SY | \$2.98 | \$2,788.95 |
| 160-4 | TYPE B STABILIZATION | 3,034.03 | SY | \$2.98 | \$9,041.41 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 935.89 | SY | \$13.51 | \$12,643.87 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,034.03 | SY | \$13.51 | \$40,989.75 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 154.42 | TN | \$81.29 | \$12,552.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 500.61 | TN | \$81.29 | \$40,694.59 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 77.21 | TN | \$99.10 | \$7,651.51 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- | 250.31 | TN | \$99.10 | \$24,805.72 |

| | | | | |
|--------------------------------------|-----------------------------------|-----------|---------|---------------------|
| | 12.5,RUBBER | | | |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 LF | \$11.53 | \$2,338.75 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 LF | \$13.92 | \$13,168.32 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 LF | \$24.64 | \$9,609.60 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 195.00 LF | \$24.64 | \$4,804.80 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 SY | \$26.05 | \$13,690.84 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 SY | \$36.77 | \$6,393.94 |
| 570-1-1 | PERFORMANCE TURF | 525.56 SY | \$0.35 | \$183.95 |
| Intersections Component Total | | | | \$438,577.14 |

SIGNING COMPONENT

| Pay Items | | | | |
|--------------------------------|---|----------------------|-------------------|------------------------|
| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 14.00 AS | \$256.36 | \$3,589.04 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 2.00 AS | \$763.07 | \$1,526.14 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 2.00 AS | \$3,424.72 | \$6,849.44 |
| 700-21-12 | MULTI- POST SIGN, F&I, 51-100 | 2.00 AS | \$4,189.86 | \$8,379.72 |
| Signing Component Total | | | | \$20,344.34 |

SIGNALIZATIONS COMPONENT

Signalization 1

| Description | Value |
|--------------------|------------------------|
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | West ramp intersection |

| Pay Items | | | | |
|------------------|--|----------------------|-------------------|------------------------|
| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$3.74 | \$2,805.00 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$11.34 | \$2,835.00 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$3,054.12 | \$3,054.12 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$312.95 | \$5,007.20 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,115.88 | \$1,115.88 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$1.63 | \$97.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$23,951.96 | \$95,807.84 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$737.45 | \$8,849.40 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED- COUNT DWN, 1 | 8.00 AS | \$540.70 | \$4,325.60 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT | 12.00 EA | \$106.25 | \$1,275.00 |

| | | | | |
|-----------|--|----------|-------------|-------------|
| 659-109 | 3 SECT SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$692.07 | \$692.07 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$178.24 | \$2,138.88 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$623.51 | \$7,482.12 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$134.58 | \$1,076.64 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$22,149.23 | \$22,149.23 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$915.06 | \$3,660.24 |

Signalization 2

| | |
|--------------------|-------------------------|
| Description | Value |
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | East ramps intersection |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------------|--|----------|------|-------------|---------------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 | LF | \$3.74 | \$2,805.00 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 | LF | \$11.34 | \$2,835.00 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 | PI | \$3,054.12 | \$3,054.12 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 | EA | \$312.95 | \$5,007.20 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 | AS | \$1,115.88 | \$1,115.88 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 | LF | \$1.63 | \$97.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 | EA | \$23,951.96 | \$95,807.84 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 | AS | \$737.45 | \$8,849.40 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED- COUNT DWN, 1 | 8.00 | AS | \$540.70 | \$4,325.60 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 | EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 | EA | \$692.07 | \$692.07 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 | EA | \$178.24 | \$2,138.88 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 | AS | \$623.51 | \$7,482.12 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 | EA | \$134.58 | \$1,076.64 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 | AS | \$22,149.23 | \$22,149.23 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 | EA | \$915.06 | \$3,660.24 |
| Signalizations Component Total | | | | | \$324,744.04 |

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

| Description | | Value | | | |
|---------------------------------|--|-----------|------|------------|---------------------|
| Spacing | | MIN | | | |
| Pay Items | | | | | |
| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 10,957.17 | LF | \$1.86 | \$20,380.34 |
| 715-2-11 | LIGHTING-CONDUIT, F&I, UNDERGROUND | 3,000.10 | LF | \$2.80 | \$8,400.28 |
| 715-2-12 | LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT | 595.47 | LF | \$9.05 | \$5,389.00 |
| 715-14-11 | LIGHTING - PULL BOX,F&I,ROADSIDE-MOULDED | 20.00 | EA | \$373.55 | \$7,471.00 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 20.00 | EA | \$332.95 | \$6,659.00 |
| 715-511-140 | LIGHT POLE COMP,F&I,SGL ARM SM, AL,40' | 20.00 | EA | \$8,002.20 | \$160,044.00 |
| Subcomponent Total | | | | | \$208,343.62 |
| Lighting Component Total | | | | | \$208,343.62 |

BRIDGES COMPONENT

Bridge 1

| Description | Value |
|-------------------------------------|-------------------------|
| Estimate Type | Detailed Estimate |
| Primary Estimate | YES |
| Structure No. | 111111 |
| Geographic District | 05 |
| Segment Count | 1 |
| Bridge Length (LF) | 205.50 |
| Average Bridge Width (LF) | 127.08 |
| Average Skew Angle | 3.00 |
| Construction Type | New/Replacement |
| Typical Section | Urban Divided, Flush SW |
| Sidewalk Width Left | 8.00 |
| Sidewalk Width Right | 8.00 |
| Concrete Traffic Railing | Left/Right |
| Pedestrian/Bicycle Railing | Left/Right |
| Total Design Load Demand Weight | 13,906 |
| Final Bridge Cost | \$2,242,346.03 |
| Calculated Final Cost per SF | \$85.86 |
| Description | BRIDGE OVER I-95 |

Bridge Deck and Approach Slab Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|--|-----------|------|------------|-----------------|
| 400-2-10 | CONC CLASS II, APPROACH SLABS | 286.85 | CY | \$333.52 | \$95,670.21 |
| 400-9 | BRIDGE DECK GROOV & PLANING, DECK 8.5"> | 2,352.92 | SY | \$5.35 | \$12,588.12 |
| 415-1-9 | REINF STEEL- APPROACH SLABS | 54,719.39 | LB | \$0.82 | \$44,869.90 |
| 515-2-301 | PED/BICYCLE RAILING, ALUM,42"PICKET RAIL | 531.00 | LF | \$44.49 | \$23,624.19 |
| 521-5-4 | CONC TRAF RAIL, BRG, 32" VERT FACE | 265.50 | LF | \$74.46 | \$19,769.13 |

BRIDGE SEGMENTS

Segment 1

| | |
|------------------------------|----------------------------|
| Segment Position | First/Last |
| Segment Over | Land |
| Segment Length (LF) | 205.5 |
| Segment Width (LF) | 127.08 |
| Average Clearance (LF) | 20 |
| End Bent Fill Height (LF) | 18 |
| Average Pile Length (LF) | 100 |
| No. of Intermediate Supports | 1 |
| Superstructure / Beam Type | I-Beam |
| Substructure / Pier Type | Multi Columns |
| Foundation Type | Pre-stressed Sq. Piles 18" |
| Design Load Demand Weight | 13,906 |
| Total Segment Cost | \$2,026,055.35 |

Segment 1 Superstructure, Substructure and Foundation Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------------|--|------------|------|------------|-----------------------|
| 400-2-4 | CONC CLASS II, SUPERSTRUCTURE | 827.07 | CY | \$554.97 | \$458,999.04 |
| 400-4-5 | CONC CLASS IV, SUBSTRUCTURE | 92.04 | CY | \$667.34 | \$61,421.97 |
| 400-4-5 | CONC CLASS IV, SUBSTRUCTURE | 314.79 | CY | \$667.34 | \$210,071.96 |
| 400-147 | COMPOSITE NEOPRENE PADS | 16.94 | CF | \$858.19 | \$14,537.74 |
| 415-1-4 | REINF STEEL- SUPERSTRUCTURE | 190,226.10 | LB | \$0.79 | \$150,278.62 |
| 415-1-5 | REINF STEEL- SUBSTRUCTURE | 12,425.40 | LB | \$0.78 | \$9,691.81 |
| 415-1-5 | REINF STEEL- SUBSTRUCTURE | 67,679.85 | LB | \$0.78 | \$52,790.28 |
| 450-2-45 | PREST BEAMS: FLORIDA-I BEAM 45" | 2,466.00 | LF | \$212.72 | \$524,567.52 |
| 455-34-3 | PRESTRESSED CONCRETE PILING, 18" SQ | 7,621.20 | LF | \$57.55 | \$438,600.06 |
| 455-143-3 | TEST PILES-PREST CONCRETE,18" SQ | 846.80 | LF | \$124.11 | \$105,096.35 |
| Bridge 1 Total | | | | | \$2,242,346.03 |
| Bridges Component Total | | | | | \$2,242,346.03 |
| <hr/> | | | | | |
| Sequence 1 Total | | | | | \$7,158,490.82 |
| <hr/> | | | | | |

Sequence: 3NUR - New Construction, Undivided, Rural**Net Length:** 0.501 MI
2,644 LF**Description:** Ramp A - One lane portion of off-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.472 |
| Top of Structural Course For Begin Section | 111.00 |
| Top of Structural Course For End Section | 111.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 8.50 AC | \$6,000.00 | \$51,000.00 |
| 120-6 | EMBANKMENT | 86,084.74 CY | \$5.60 | \$482,074.54 |
| Earthwork Component Total | | | | \$533,074.54 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 7.50 / 7.50 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 7,932.67 SY | \$2.98 | \$23,639.36 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,600.95 SY | \$13.51 | \$62,158.83 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 605.97 TN | \$86.59 | \$52,470.94 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 176.28 TN | \$113.37 | \$19,984.86 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 1.00 NM | \$827.57 | \$827.57 |

Peripherals Subcomponent

| Description | Value |
|----------------------------------|-------------|
| Off Road Bike Path(s) | 0 |
| Off Road Bike Path Width L/R | 0.00 / 0.00 |
| Bike Path Structural Spread Rate | 0 |
| Noise Barrier Wall Length | 0.00 |
| Noise Barrier Wall Begin Height | 0.00 |
| Noise Barrier Wall End Height | 0.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 339-1 | MISCELLANEOUS ASPHALT PAVEMENT | 10.33 TN | \$133.66 | \$1,380.71 |
| 536-1-1 | GUARDRAIL- ROADWAY | 300.00 LF | \$15.63 | \$4,689.00 |
| 536-85-22 | GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED | 1.00 EA | \$1,614.22 | \$1,614.22 |

Roadway Component Total

\$166,765.48

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | 0 |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 1,956.73 SY | \$8.54 | \$16,710.47 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 145.43 TN | \$86.59 | \$12,592.78 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 15.51 TN | \$113.37 | \$1,758.37 |
| 570-1-1 | PERFORMANCE TURF | 1,762.82 SY | \$0.35 | \$616.99 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|------------------|---------------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 6,874.98 LF | \$1.05 | \$7,218.73 |

| | | | | |
|---------------------------------|--|-----------|------------|--------------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 125.20 LF | \$10.27 | \$1,285.80 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 125.20 LF | \$5.22 | \$653.54 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.60 AC | \$29.18 | \$17.51 |
| 107-2 | MOWING | 0.60 AC | \$45.09 | \$27.05 |
| Shoulder Component Total | | | | \$42,797.22 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------------------|-------------------|------------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 9.01 CY | \$500.00 | \$4,505.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 400.00 LF | \$56.37 | \$22,548.00 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 88.00 LF | \$81.89 | \$7,206.32 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 21.00 EA | \$933.04 | \$19,593.84 |
| 570-1-1 | PERFORMANCE TURF | 352.56 SY | \$0.35 | \$123.40 |
| Drainage Component Total | | | | \$53,976.56 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|----------------------|-------------------|------------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 2.00 AS | \$256.36 | \$512.72 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 11.00 AS | \$763.07 | \$8,393.77 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 2.00 AS | \$3,424.72 | \$6,849.44 |
| Signing Component Total | | | | \$15,755.93 |

| | |
|-------------------------|---------------------|
| Sequence 3 Total | \$812,369.73 |
|-------------------------|---------------------|

Sequence: 4 NUR - New Construction, Undivided, Rural**Net Length:** 0.021 MI
109 LF**Description:** Ramp A - Two lane portion of off-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.021 |
| Top of Structural Course For Begin Section | 114.00 |
| Top of Structural Course For End Section | 116.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.36 AC | \$6,000.00 | \$2,160.00 |
| 120-6 | EMBANKMENT | 7,425.02 CY | \$5.60 | \$41,580.11 |
| Earthwork Component Total | | | | \$43,740.11 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 2 |
| Roadway Pavement Width L/R | 12.00 / 12.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 507.58 SY | \$2.98 | \$1,512.59 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 298.02 SY | \$13.51 | \$4,026.25 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 39.88 TN | \$86.59 | \$3,453.21 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 11.60 TN | \$113.37 | \$1,315.09 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 1

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|--------------------------------------|---------------|------------|--------------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 3.00 EA | \$3.41 | \$10.23 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.04 NM | \$827.57 | \$33.10 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 0.02 GM | \$343.98 | \$6.88 |
| Roadway Component Total | | | | \$10,357.35 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|--------------|
| Total Outside Shoulder Width L/R | 8.00 / 10.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 8.00 |
| Paved Outside Shoulder Width L/R | 4.00 / 2.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | O |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--------------------------------------|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 80.49 SY | \$8.54 | \$687.38 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 5.98 TN | \$86.59 | \$517.81 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 0.64 TN | \$113.37 | \$72.56 |
| 570-1-1 | PERFORMANCE TURF | 145.02 SY | \$0.35 | \$50.76 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|-------------------|
| 104-10-3 | SEDIMENT BARRIER | 282.80 LF | \$1.05 | \$296.94 |
| 104-11 | FLOATING TURBIDITY BARRIER | 5.15 LF | \$10.27 | \$52.89 |
| 104-12 | STAKED TURBIDITY BARRIER-NYL REINF PVC | 5.15 LF | \$5.22 | \$26.88 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.02 AC | \$29.18 | \$0.58 |
| 107-2 | MOWING | 0.02 AC | \$45.09 | \$0.90 |
| Shoulder Component Total | | | | \$3,622.66 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|-------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 0.37 CY | \$500.00 | \$185.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 24.00 LF | \$56.37 | \$1,352.88 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 3.46 LF | \$81.89 | \$283.34 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 1.00 EA | \$933.04 | \$933.04 |
| 570-1-1 | PERFORMANCE TURF | 14.50 SY | \$0.35 | \$5.08 |
| Drainage Component Total | | | | \$2,759.34 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|-------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 1.00 AS | \$763.07 | \$763.07 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$4,444.15 |

Sequence 4 Total **\$64,923.61**

Sequence: 5NUR - New Construction, Undivided, Rural**Net Length:** 0.023 MI
122 LF**Description:** Ramp A1 - One lane off-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.023 |
| Top of Structural Course For Begin Section | 120.00 |
| Top of Structural Course For End Section | 122.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.39 AC | \$6,000.00 | \$2,340.00 |
| 120-6 | EMBANKMENT | 13,796.66 CY | \$5.60 | \$77,261.30 |
| Earthwork Component Total | | | | \$79,601.30 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 7.50 / 7.50 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 365.90 SY | \$2.98 | \$1,090.38 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 212.22 SY | \$13.51 | \$2,867.09 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 27.95 TN | \$86.59 | \$2,420.19 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 8.13 TN | \$113.37 | \$921.70 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|--------------------------------|---|---------------|------------|-------------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.05 NM | \$827.57 | \$41.38 |
| Roadway Component Total | | | | \$7,340.74 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | O |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 90.26 SY | \$8.54 | \$770.82 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 6.71 TN | \$86.59 | \$581.02 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 0.72 TN | \$113.37 | \$81.63 |
| 570-1-1 | PERFORMANCE TURF | 81.31 SY | \$0.35 | \$28.46 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|-------------------|
| 104-10-3 | SEDIMENT BARRIER | 317.12 LF | \$1.05 | \$332.98 |
| 104-11 | FLOATING TURBIDITY BARRIER | 5.78 LF | \$10.27 | \$59.36 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 5.78 LF | \$5.22 | \$30.17 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.03 AC | \$29.18 | \$0.88 |
| 107-2 | MOWING | 0.03 AC | \$45.09 | \$1.35 |
| Shoulder Component Total | | | | \$3,802.63 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-------------|-------------------------|---------------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 0.42 CY | \$500.00 | \$210.00 |
| 430-174-124 | PIPE CULV, OPT MATL, | 24.00 LF | \$56.37 | \$1,352.88 |

| | | | | |
|---------------------------------|---|----------|----------|-------------------|
| 430-175-136 | ROUND,24"SD PIPE CULV, OPT MATL, ROUND, 36"S/CD | 3.88 LF | \$81.89 | \$317.73 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 1.00 EA | \$933.04 | \$933.04 |
| 570-1-1 | PERFORMANCE TURF | 16.26 SY | \$0.35 | \$5.69 |
| Drainage Component Total | | | | \$2,819.34 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|----------------------|-------------------|------------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 1.00 AS | \$763.07 | \$763.07 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$4,444.15 |

Sequence 5 Total **\$98,008.16**

Sequence: 6NUR - New Construction, Undivided, Rural**Net Length:** 0.487 MI
2,573 LF**Description:** Ramp B - One lane loop on-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.471 |
| Top of Structural Course For Begin Section | 122.00 |
| Top of Structural Course For End Section | 105.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 4 to 1 / 4 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|-----------------|-------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 8.26 | AC | \$6,000.00 | \$49,560.00 |
| 120-6 | EMBANKMENT | 121,118.42 | CY | \$5.60 | \$678,263.15 |
| Earthwork Component Total | | | | | \$727,823.15 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 8.00 / 8.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|-----------------|-------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 8,004.71 | SY | \$2.98 | \$23,854.04 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,762.81 | SY | \$13.51 | \$64,345.56 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 628.94 | TN | \$86.59 | \$54,459.91 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 182.96 | TN | \$113.37 | \$20,742.18 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.97 NM | \$827.57 | \$802.74 |

Peripherals Subcomponent

| Description | Value |
|----------------------------------|-------------|
| Off Road Bike Path(s) | 0 |
| Off Road Bike Path Width L/R | 0.00 / 0.00 |
| Bike Path Structural Spread Rate | 0 |
| Noise Barrier Wall Length | 0.00 |
| Noise Barrier Wall Begin Height | 0.00 |
| Noise Barrier Wall End Height | 0.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 339-1 | MISCELLANEOUS ASPHALT PAVEMENT | 33.67 TN | \$133.66 | \$4,500.33 |
| 536-1-1 | GUARDRAIL- ROADWAY | 1,000.00 LF | \$15.63 | \$15,630.00 |
| 536-85-22 | GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED | 1.00 EA | \$1,614.22 | \$1,614.22 |

Roadway Component Total

\$185,948.98

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | 0 |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 1,903.98 SY | \$8.54 | \$16,259.99 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 141.51 TN | \$86.59 | \$12,253.35 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 15.09 TN | \$113.37 | \$1,710.75 |
| 570-1-2 | PERFORMANCE TURF, SOD | 1,715.30 SY | \$2.86 | \$4,905.76 |

X-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---------------------------|---------------|------------|-----------------|
| 520-6 | SHOULDER GUTTER- CONCRETE | 1,000.00 LF | \$14.60 | \$14,600.00 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|--------------------|
| 104-10-3 | SEDIMENT BARRIER | 6,689.65 LF | \$1.05 | \$7,024.13 |
| 104-11 | FLOATING TURBIDITY BARRIER | 121.82 LF | \$10.27 | \$1,251.09 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 121.82 LF | \$5.22 | \$635.90 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.58 AC | \$29.18 | \$16.92 |
| 107-2 | MOWING | 0.58 AC | \$45.09 | \$26.15 |
| Shoulder Component Total | | | | \$60,600.01 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|--------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 8.77 CY | \$500.00 | \$4,385.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 392.00 LF | \$56.37 | \$22,097.04 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 88.00 LF | \$81.89 | \$7,206.32 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 20.00 EA | \$933.04 | \$18,660.80 |
| 570-1-1 | PERFORMANCE TURF | 343.06 SY | \$0.35 | \$120.07 |
| Drainage Component Total | | | | \$52,469.23 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|--------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 10.00 AS | \$763.07 | \$7,630.70 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$11,311.78 |

Sequence 6 Total**\$1,038,153.15**

Sequence: 7NUR - New Construction, Undivided, Rural**Net Length:** 0.041 MI
216 LF**Description:** Ramp C - One lane portion of on-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.041 |
| Top of Structural Course For Begin Section | 122.00 |
| Top of Structural Course For End Section | 118.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-6 | EMBANKMENT | 22,598.59 CY | \$5.60 | \$126,552.10 |
| Earthwork Component Total | | | | \$130,752.10 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 7.50 / 7.50 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 647.86 SY | \$2.98 | \$1,930.62 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 375.76 SY | \$13.51 | \$5,076.52 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 49.49 TN | \$86.59 | \$4,285.34 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 14.40 TN | \$113.37 | \$1,632.53 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.08 NM | \$827.57 | \$66.21 |

Peripherals Subcomponent

| Description | Value |
|----------------------------------|-------------|
| Off Road Bike Path(s) | 0 |
| Off Road Bike Path Width L/R | 0.00 / 0.00 |
| Bike Path Structural Spread Rate | 0 |
| Noise Barrier Wall Length | 0.00 |
| Noise Barrier Wall Begin Height | 0.00 |
| Noise Barrier Wall End Height | 0.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 339-1 | MISCELLANEOUS ASPHALT PAVEMENT | 10.33 TN | \$133.66 | \$1,380.71 |
| 536-1-1 | GUARDRAIL- ROADWAY | 300.00 LF | \$15.63 | \$4,689.00 |
| 536-85-22 | GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED | 1.00 EA | \$1,614.22 | \$1,614.22 |

| | | | | |
|--------------------------------|--|--|--|-------------|
| Roadway Component Total | | | | \$20,675.15 |
|--------------------------------|--|--|--|-------------|

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | 0 |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 159.80 SY | \$8.54 | \$1,364.69 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 11.88 TN | \$86.59 | \$1,028.69 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 1.27 TN | \$113.37 | \$143.98 |
| 570-1-1 | PERFORMANCE TURF | 143.97 SY | \$0.35 | \$50.39 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|------------------|---------------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 561.48 LF | \$1.05 | \$589.55 |

| | | | | |
|---------------------------------|--|----------|------------|-------------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 10.22 LF | \$10.27 | \$104.96 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 10.22 LF | \$5.22 | \$53.35 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.05 AC | \$29.18 | \$1.46 |
| 107-2 | MOWING | 0.05 AC | \$45.09 | \$2.25 |
| Shoulder Component Total | | | | \$5,255.28 |

DRAINAGE COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------------------|-------------------|------------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 0.74 CY | \$500.00 | \$370.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 32.00 LF | \$56.37 | \$1,803.84 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 6.87 LF | \$81.89 | \$562.58 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 2.00 EA | \$933.04 | \$1,866.08 |
| 570-1-1 | PERFORMANCE TURF | 28.79 SY | \$0.35 | \$10.08 |
| Drainage Component Total | | | | \$4,612.58 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|----------------------|-------------------|------------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 1.00 AS | \$763.07 | \$763.07 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$4,444.15 |

Sequence 7 Total **\$165,739.26**

Sequence: 8NUR - New Construction, Undivided, Rural**Net Length:** 0.473 MI
2,498 LF**Description:** Ramp D - One lane portion of off-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 30.00 / 30.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.416 |
| Top of Structural Course For Begin Section | 124.00 |
| Top of Structural Course For End Section | 105.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|-----------------|-------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 3.44 | AC | \$6,000.00 | \$20,640.00 |
| 120-6 | EMBANKMENT | 169,431.59 | CY | \$5.60 | \$948,816.90 |
| Earthwork Component Total | | | | | \$969,456.90 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 7.50 / 7.50 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|-----------------|-------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 7,493.90 | SY | \$2.98 | \$22,331.82 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,346.46 | SY | \$13.51 | \$58,720.67 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 572.45 | TN | \$86.59 | \$49,568.45 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 166.53 | TN | \$113.37 | \$18,879.51 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.95 NM | \$827.57 | \$786.19 |

Peripherals Subcomponent

| Description | Value |
|----------------------------------|-------------|
| Off Road Bike Path(s) | 0 |
| Off Road Bike Path Width L/R | 0.00 / 0.00 |
| Bike Path Structural Spread Rate | 0 |
| Noise Barrier Wall Length | 0.00 |
| Noise Barrier Wall Begin Height | 0.00 |
| Noise Barrier Wall End Height | 0.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 339-1 | MISCELLANEOUS ASPHALT PAVEMENT | 10.33 TN | \$133.66 | \$1,380.71 |
| 536-1-1 | GUARDRAIL- ROADWAY | 300.00 LF | \$15.63 | \$4,689.00 |
| 536-85-22 | GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED | 1.00 EA | \$1,614.22 | \$1,614.22 |

Roadway Component Total

\$157,970.57

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | 0 |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 1,848.50 SY | \$8.54 | \$15,786.19 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 137.39 TN | \$86.59 | \$11,896.60 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 14.65 TN | \$113.37 | \$1,660.87 |
| 570-1-1 | PERFORMANCE TURF | 1,665.31 SY | \$0.35 | \$582.86 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|------------------|---------------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 6,494.72 LF | \$1.05 | \$6,819.46 |

| | | | | |
|---------------------------------|--|-----------|------------|--------------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 118.28 LF | \$10.27 | \$1,214.74 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 118.28 LF | \$5.22 | \$617.42 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.57 AC | \$29.18 | \$16.63 |
| 107-2 | MOWING | 0.57 AC | \$45.09 | \$25.70 |
| Shoulder Component Total | | | | \$40,536.43 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|--------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 8.52 CY | \$500.00 | \$4,260.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 384.00 LF | \$56.37 | \$21,646.08 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 80.00 LF | \$81.89 | \$6,551.20 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 19.00 EA | \$933.04 | \$17,727.76 |
| 570-1-1 | PERFORMANCE TURF | 333.06 SY | \$0.35 | \$116.57 |
| Drainage Component Total | | | | \$50,301.61 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|--------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 10.00 AS | \$763.07 | \$7,630.70 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$11,311.78 |

RETAINING WALLS COMPONENT**X-Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--|---------------|------------|-----------------|
| 521-8-1 | CONC TRAF RAIL BAR, JCT SLAB,32"F SHAPE Comment: Traffic railing on MSE wall. | 3,028.00 LF | \$154.34 | \$467,341.52 |

Retaining Wall 1

| Description | Value |
|--------------|----------|
| Length | 1,483.00 |
| Begin height | 1.00 |
| End Height | 23.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|---|----------------------|-------------------|------------------------|
| 548-12 | RETAINING WALL SYSTEM,PERM, EXC BAR. | 17,796.00 SF | \$21.48 | \$382,258.08 |

Retaining Wall 2

| Description | Value |
|--------------------|--------------|
| Length | 1,545.00 |
| Begin height | 1.00 |
| End Height | 23.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|---|----------------------|-------------------|------------------------|
| 548-12 | RETAINING WALL SYSTEM,PERM, EXC BAR. | 18,540.00 SF | \$21.48 | \$398,239.20 |

Retaining Walls Component Total \$1,247,838.80

Sequence 8 Total \$2,477,416.09

Sequence: 9NUR - New Construction, Undivided, Rural**Net Length:** 0.059 MI
312 LF**Description:** Ramp D - Two lane portion of off-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 30.00 / 30.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.095 |
| Top of Structural Course For Begin Section | 130.00 |
| Top of Structural Course For End Section | 124.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.43 AC | \$6,000.00 | \$2,580.00 |
| 120-6 | EMBANKMENT | 98,487.67 CY | \$5.60 | \$551,530.95 |
| Earthwork Component Total | | | | \$554,110.95 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 2 |
| Roadway Pavement Width L/R | 12.00 / 12.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 1,525.57 SY | \$2.98 | \$4,546.20 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 855.01 SY | \$13.51 | \$11,551.19 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 114.42 TN | \$86.59 | \$9,907.63 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 33.29 TN | \$113.37 | \$3,774.09 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 1

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|--------------------------------------|---------------|------------|--------------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 8.00 EA | \$3.41 | \$27.28 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.12 NM | \$827.57 | \$99.31 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 0.06 GM | \$343.98 | \$20.64 |
| Roadway Component Total | | | | \$29,926.34 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|--------------|
| Total Outside Shoulder Width L/R | 8.00 / 12.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 4.00 / 10.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | O |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--------------------------------------|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 508.29 SY | \$8.54 | \$4,340.80 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 40.05 TN | \$86.59 | \$3,467.93 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 1.83 TN | \$113.37 | \$207.47 |
| 570-1-1 | PERFORMANCE TURF | 208.03 SY | \$0.35 | \$72.81 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|--------------------|
| 104-10-3 | SEDIMENT BARRIER | 811.32 LF | \$1.05 | \$851.89 |
| 104-11 | FLOATING TURBIDITY BARRIER | 14.78 LF | \$10.27 | \$151.79 |
| 104-12 | STAKED TURBIDITY BARRIER-NYL REINF PVC | 14.78 LF | \$5.22 | \$77.15 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.07 AC | \$29.18 | \$2.04 |
| 107-2 | MOWING | 0.07 AC | \$45.09 | \$3.16 |
| Shoulder Component Total | | | | \$11,091.00 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|-------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 1.06 CY | \$500.00 | \$530.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 48.00 LF | \$56.37 | \$2,705.76 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 9.93 LF | \$81.89 | \$813.17 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 3.00 EA | \$933.04 | \$2,799.12 |
| 570-1-1 | PERFORMANCE TURF | 41.61 SY | \$0.35 | \$14.56 |
| Drainage Component Total | | | | \$6,862.61 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|-------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 2.00 AS | \$763.07 | \$1,526.14 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$5,207.22 |

Sequence 9 Total **\$607,198.12**

Sequence: 10 NUR - New Construction, Undivided, Rural**Net Length:** 0.488 MI
2,578 LF**Description:** Ramp E - One lane portion of on-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.409 |
| Top of Structural Course For Begin Section | 105.00 |
| Top of Structural Course For End Section | 124.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|-----------------|-------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 8.28 | AC | \$6,000.00 | \$49,680.00 |
| 120-6 | EMBANKMENT | 166,580.57 | CY | \$5.60 | \$932,851.19 |
| Earthwork Component Total | | | | | \$982,531.19 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 7.50 / 7.50 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|-----------------|-------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 7,734.67 | SY | \$2.98 | \$23,049.32 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,486.11 | SY | \$13.51 | \$60,607.35 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 590.84 | TN | \$86.59 | \$51,160.84 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 171.88 | TN | \$113.37 | \$19,486.04 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 |
|------------|---|----------|------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.98 | NM | \$827.57 | \$811.02 |

Peripherals Subcomponent

| Description | Value |
|----------------------------------|-------------|
| Off Road Bike Path(s) | 0 |
| Off Road Bike Path Width L/R | 0.00 / 0.00 |
| Bike Path Structural Spread Rate | 0 |
| Noise Barrier Wall Length | 0.00 |
| Noise Barrier Wall Begin Height | 0.00 |
| Noise Barrier Wall End Height | 0.00 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|---|----------|------|------------|-----------------|
| 339-1 | MISCELLANEOUS ASPHALT PAVEMENT | 10.33 | TN | \$133.66 | \$1,380.71 |
| 536-1-1 | GUARDRAIL- ROADWAY | 300.00 | LF | \$15.63 | \$4,689.00 |
| 536-85-22 | GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED | 1.00 | EA | \$1,614.22 | \$1,614.22 |

Roadway Component Total

\$162,798.50

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|-------------|
| Total Outside Shoulder Width L/R | 6.00 / 6.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 2.00 / 4.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | 0 |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 1,907.89 | SY | \$8.54 | \$16,293.38 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 141.80 | TN | \$86.59 | \$12,278.46 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC- 5,PG76-22 | 15.13 | TN | \$113.37 | \$1,715.29 |
| 570-1-1 | PERFORMANCE TURF | 1,718.82 | SY | \$0.35 | \$601.59 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|------------------|----------|------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 6,703.38 | LF | \$1.05 | \$7,038.55 |

| | | | | |
|---------------------------------|--|-----------|------------|--------------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 122.08 LF | \$10.27 | \$1,253.76 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 122.08 LF | \$5.22 | \$637.26 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 EA | \$1,915.96 | \$1,915.96 |
| 107-1 | LITTER REMOVAL | 0.59 AC | \$29.18 | \$17.22 |
| 107-2 | MOWING | 0.59 AC | \$45.09 | \$26.60 |
| Shoulder Component Total | | | | \$41,778.07 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|--------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 8.79 CY | \$500.00 | \$4,395.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 392.00 LF | \$56.37 | \$22,097.04 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 88.00 LF | \$81.89 | \$7,206.32 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 20.00 EA | \$933.04 | \$18,660.80 |
| 570-1-1 | PERFORMANCE TURF | 343.76 SY | \$0.35 | \$120.32 |
| Drainage Component Total | | | | \$52,479.48 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|--------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 10.00 AS | \$763.07 | \$7,630.70 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$11,311.78 |

RETAINING WALLS COMPONENT**X-Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--|---------------|------------|-----------------|
| 521-8-1 | CONC TRAF RAIL BAR, JCT SLAB,32"F SHAPE Comment: Traffic railing on MSE wall. | 3,064.00 LF | \$154.34 | \$472,897.76 |

Retaining Wall 1

| Description | Value |
|--------------|----------|
| Length | 1,508.00 |
| Begin height | 1.00 |
| End Height | 23.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|---|----------------------|-------------------|------------------------|
| 548-12 | RETAINING WALL SYSTEM,PERM, EXC BAR. | 18,096.00 SF | \$21.48 | \$388,702.08 |

Retaining Wall 2

| Description | Value |
|--------------------|--------------|
| Length | 1,556.00 |
| Begin height | 1.00 |
| End Height | 23.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|---|----------------------|-------------------|------------------------|
| 548-12 | RETAINING WALL SYSTEM,PERM, EXC BAR. | 18,672.00 SF | \$21.48 | \$401,074.56 |

Retaining Walls Component Total \$1,262,674.40

Sequence 10 Total \$2,513,573.42

Sequence: 11 NUR - New Construction, Undivided, Rural**Net** 0.095 MI
Length: 502 LF**Description:** Ramp E - Two lane portion of on-ramp**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 70.00 / 70.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.095 |
| Top of Structural Course For Begin Section | 124.00 |
| Top of Structural Course For End Section | 130.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| Outside Shoulder Cross Slope L/R | 6.00 % / 6.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------------|---------------------|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 1.61 AC | \$6,000.00 | \$9,660.00 |
| 120-6 | EMBANKMENT | 97,936.84 CY | \$5.60 | \$548,446.30 |
| Earthwork Component Total | | | | \$558,106.30 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 2 |
| Roadway Pavement Width L/R | 12.00 / 12.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--------------------------------------|----------------------|-------------------|------------------------|
| 160-4 | TYPE B STABILIZATION | 2,340.80 SY | \$2.98 | \$6,975.58 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,374.38 SY | \$13.51 | \$18,567.87 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 183.92 TN | \$86.59 | \$15,925.63 |
| 337-7-22 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 53.50 TN | \$113.37 | \$6,065.30 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | N |
| 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 1

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|--------------------------------------|---------------|------------|--------------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 13.00 EA | \$3.41 | \$44.33 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 0.19 NM | \$827.57 | \$157.24 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 0.10 GM | \$343.98 | \$34.40 |
| Roadway Component Total | | | | \$47,770.35 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|--------------|
| Total Outside Shoulder Width L/R | 8.00 / 10.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 4.00 / 8.00 |
| Paved Outside Shoulder Width L/R | 4.00 / 2.00 |
| Structural Spread Rate | 165 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | O |
| Rumble Strips No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--------------------------------------|---------------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 371.18 SY | \$8.54 | \$3,169.88 |
| 334-1-23 | SUPERPAVE ASPH CONC, TRAF C, PG76-22 | 27.59 TN | \$86.59 | \$2,389.02 |
| 570-1-1 | PERFORMANCE TURF | 668.80 SY | \$0.35 | \$234.08 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|---------------|------------|-------------------|
| 104-10-3 | SEDIMENT BARRIER | 1,304.00 LF | \$1.05 | \$1,369.20 |
| 104-11 | FLOATING TURBIDITY BARRIER | 23.75 LF | \$10.27 | \$243.91 |
| 104-12 | STAKED TURBIDITY BARRIER-NYL REINF PVC | 23.75 LF | \$5.22 | \$123.98 |
| 107-1 | LITTER REMOVAL | 0.11 AC | \$29.18 | \$3.21 |
| 107-2 | MOWING | 0.11 AC | \$45.09 | \$4.96 |
| Shoulder Component Total | | | | \$7,538.24 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-------------|----------------------------|---------------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 1.71 CY | \$500.00 | \$855.00 |
| 430-984-129 | MITERED END SECT, OPTIONAL | 4.00 EA | \$933.04 | \$3,732.16 |

RD, 24" SD

X-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|-------------------------------------|----------------------|-------------------|------------------------|
| 430-174-101 | PIPE CULV, OPT MATL, ROUND,0-24"SD | 80.00 LF | \$40.99 | \$3,279.20 |
| 430-175-130 | PIPE CULV, OPT MATL, ROUND, 30"S/CD | 16.00 LF | \$65.55 | \$1,048.80 |
| Drainage Component Total | | | | \$8,915.16 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|--|----------------------|-------------------|------------------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 1.00 AS | \$256.36 | \$256.36 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 2.00 AS | \$763.07 | \$1,526.14 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 1.00 AS | \$3,424.72 | \$3,424.72 |
| Signing Component Total | | | | \$5,207.22 |

| | |
|--------------------------|---------------------|
| Sequence 11 Total | \$627,537.27 |
|--------------------------|---------------------|

Date: 10/2/2012 2:00:32 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05 County: 70 BREVARD Market Area: 08 Units: English

Contract Class: 4 Lump Sum Project: N Design/Build: N Project Length: 2.083 MI

Project Manager: MIM

Version 4 Project Grand Total

\$21,806,484.50

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

| | | |
|-----------------------------------|--|------------------------|
| Project Sequences Subtotal | | \$15,563,409.63 |
|-----------------------------------|--|------------------------|

| | | | |
|-------|------------------------|---------|----------------|
| 102-1 | Maintenance of Traffic | 10.00 % | \$1,556,340.96 |
|-------|------------------------|---------|----------------|

| | | | |
|-------|--------------|---------|----------------|
| 101-1 | Mobilization | 10.00 % | \$1,711,975.06 |
|-------|--------------|---------|----------------|

| | | |
|--------------------------------|--|------------------------|
| Project Sequences Total | | \$18,831,725.65 |
|--------------------------------|--|------------------------|

| | | |
|------------------|---------|----------------|
| Project Unknowns | 15.00 % | \$2,824,758.85 |
|------------------|---------|----------------|

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

Non-Bid Components:

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|--|----------|------|--------------|-----------------|
| 999-25 | INITIAL CONTINGENCY AMOUNT (DO NOT BID) | | LS | \$150,000.00 | \$150,000.00 |

| | | |
|---------------------------------|--|---------------------|
| Project Non-Bid Subtotal | | \$150,000.00 |
|---------------------------------|--|---------------------|

Version 4 Project Grand Total

\$21,806,484.50

Ellis Road LRE

High Speed Urban 50 mph

From John Rodes Boulevard to Wickham Road

Date: 10/2/2012 4:46:43 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05 County: 70 BREVARD Market Area: 08 Units: English

Contract Class: 4 Lump Sum Project: N Design/Build: N Project Length: 2.083 MI

Project Manager: MIM

Version 5 Project Grand Total

\$10,417,840.91

Description: I-95 @ Ellis Road St Johns Heritage Parkway Interchange Study SIS High Speed Urban 50 MPH

Sequence: 1 NDU - New Construction, Divided, Urban

Net Length: 1.515 MI
8,000 LF

Description: John Rodes Blvd to Lake Ibis Dr

Special Retention Basin #1 used to compute canal excavation.

Conditions:

EARTHWORK COMPONENT

User Input Data

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 105.00 / 105.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 1.515 |
| Top of Structural Course For Begin Section | 103.00 |
| Top of Structural Course For End Section | 103.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 4 to 1 / 4 to 1 |
| Median Shoulder Cross Slope L/R | 4.00 % / 4.00 % |
| Outside Shoulder Cross Slope L/R | 2.00 % / 2.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---------------------|---------------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 38.56 AC | \$6,000.00 | \$231,360.00 |
| 120-6 | EMBANKMENT | 84,400.45 CY | \$5.00 | \$422,002.25 |

X-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|----------------------------------|---------------|------------|-----------------|
| 120-1 | REGULAR EXCAVATION | 27,267.00 CY | \$3.00 | \$81,801.00 |
| | Comment: Canal Excavation | | | |

Earthwork Component Total \$735,163.25

ROADWAY COMPONENT

User Input Data

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 4 |
| Roadway Pavement Width L/R | 34.50 / 34.50 |
| Structural Spread Rate | 330 |
| Friction Course Spread Rate | 165 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 70,508.92 SY | \$2.50 | \$176,272.30 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 61,335.30 SY | \$16.00 | \$981,364.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 10,120.32 TN | \$85.00 | \$860,227.20 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 5,060.16 TN | \$100.00 | \$506,016.00 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|---|---------------|------------|-----------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 614.00 EA | \$3.37 | \$2,069.18 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 12.12 NM | \$781.38 | \$9,470.33 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 6.06 GM | \$299.50 | \$1,814.97 |

Roadway Component Total

\$2,537,234.78

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 12.25 / 12.25 |
| Total Outside Shoulder Perf. Turf Width L/R | 5.00 / 5.00 |
| Sidewalk Width L/R | 5.00 / 5.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|-----------------------------------|---------------|------------|-----------------|
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 8,000.26 LF | \$14.16 | \$113,283.68 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 8,000.26 LF | \$14.16 | \$113,283.68 |
| 522-1 | SIDEWALK CONC, 4" THICK | 8,889.17 SY | \$33.93 | \$301,609.54 |
| 570-1-1 | PERFORMANCE TURF | 8,889.17 SY | \$0.35 | \$3,111.21 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------|--|-----------|------|------------|---------------------|
| 104-10-3 | SEDIMENT BARRIER | 16,000.51 | LF | \$0.58 | \$9,280.30 |
| 104-11 | FLOATING TURBIDITY BARRIER | 378.80 | LF | \$11.18 | \$4,234.98 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 378.80 | LF | \$3.17 | \$1,200.80 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 2.00 | EA | \$1,901.59 | \$3,803.18 |
| 104-18 | INLET PROTECTION SYSTEM | 78.00 | EA | \$68.80 | \$5,366.40 |
| 107-1 | LITTER REMOVAL | 2.88 | AC | \$47.69 | \$137.35 |
| 107-2 | MOWING | 2.88 | AC | \$51.37 | \$147.95 |
| Shoulder Component Total | | | | | \$555,459.07 |

MEDIAN COMPONENT

User Input Data

| Description | Value |
|------------------------|-------|
| Total Median Width | 22.00 |
| Performance Turf Width | 5.34 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------------------------|-----------------------------------|-----------|------|------------|---------------------|
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 16,000.51 | LF | \$12.72 | \$203,526.49 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 3,655.00 | LF | \$23.44 | \$85,673.20 |
| 570-1-1 | PERFORMANCE TURF | 4,746.82 | SY | \$0.35 | \$1,661.39 |
| Median Component Total | | | | | \$290,861.08 |

DRAINAGE COMPONENT

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 27.27 | CY | \$500.00 | \$13,635.00 |
| 425-1-351 | INLETS, CURB, TYPE P-5, <10' | 55.00 | EA | \$3,949.69 | \$217,232.95 |
| 425-1-451 | INLETS, CURB, TYPE J-5, <10' | 16.00 | EA | \$4,651.75 | \$74,428.00 |
| 425-1-521 | INLETS, DT BOT, TYPE C, <10' | 8.00 | EA | \$2,129.18 | \$17,033.44 |
| 425-2-41 | MANHOLES, P-7, <10' | 8.00 | EA | \$2,793.86 | \$22,350.88 |
| 430-175-124 | PIPE CULV, OPT MATL, ROUND, 24"S/CD | 4,009.22 | LF | \$42.09 | \$168,748.07 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 357.59 | LF | \$81.89 | \$29,283.05 |
| 430-175-148 | PIPE CULV, OPT MATL, ROUND, 48"S/CD | 7,576.00 | LF | \$105.42 | \$798,661.92 |
| 570-1-1 | PERFORMANCE TURF | 460.62 | SY | \$0.35 | \$161.22 |

Retention Basin 1

| Description | Value |
|-------------|---------|
| Size | 1 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 3B |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 1.00 | AC | \$6,000.00 | \$6,000.00 |
| 120-1 | REGULAR EXCAVATION | 9,680.00 | CY | \$3.00 | \$29,040.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$500.00 | \$9,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 | EA | \$4,914.14 | \$4,914.14 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 | LF | \$106.62 | \$5,970.72 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 | LF | \$209.52 | \$41,904.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 840.00 | LF | \$9.04 | \$7,593.60 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 1.00 | EA | \$2,079.62 | \$2,079.62 |
| 570-1-1 | PERFORMANCE TURF | 4,840.00 | SY | \$0.35 | \$1,694.00 |

Retention Basin 2

| Description | Value |
|-------------|---------|
| Size | 5 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 4B |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|-----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 5.00 | AC | \$6,000.00 | \$30,000.00 |
| 120-1 | REGULAR EXCAVATION | 48,400.00 | CY | \$3.00 | \$145,200.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 30.00 | CY | \$500.00 | \$15,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |
| 425-2-71 | MANHOLES, J-7, <10' | 2.00 | EA | \$4,914.14 | \$9,828.28 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 50.00 | LF | \$106.62 | \$5,331.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 400.00 | LF | \$209.52 | \$83,808.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,860.00 | LF | \$9.04 | \$16,814.40 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 2.00 | EA | \$2,079.62 | \$4,159.24 |
| 570-1-1 | PERFORMANCE TURF | 24,200.00 | SY | \$0.35 | \$8,470.00 |

Retention Basin 3

| Description | Value |
|-------------|-------------------|
| Size | .5 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 5A Expansion |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|------------------------------|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.50 | AC | \$6,000.00 | \$3,000.00 |
| 120-1 | REGULAR EXCAVATION | 4,840.00 | CY | \$3.00 | \$14,520.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$500.00 | \$9,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |

| | | | | |
|---------------------------------|---|-------------|------------|-----------------------|
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 EA | \$4,914.14 | \$4,914.14 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 LF | \$106.62 | \$5,970.72 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 LF | \$209.52 | \$41,904.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 600.00 LF | \$9.04 | \$5,424.00 |
| 550-60-234 | FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN | 1.00 EA | \$2,079.62 | \$2,079.62 |
| 570-1-1 | PERFORMANCE TURF | 2,420.00 SY | \$0.35 | \$847.00 |
| Drainage Component Total | | | | \$1,865,218.48 |

INTERSECTIONS COMPONENT

Intersection 1

| Description | Value |
|--------------------------------------|------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 3 |
| Cross Street No. of Left Turn Lanes | 2 |
| Cross Street No. of Right Turn Lanes | 1 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | Ellis Rd and John Rodes Blvd |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,712.73 | CY | \$3.00 | \$5,138.19 |
| 160-4 | TYPE B STABILIZATION | 1,489.22 | SY | \$2.50 | \$3,723.05 |
| 160-4 | TYPE B STABILIZATION | 4,135.36 | SY | \$2.50 | \$10,338.40 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,489.22 | SY | \$16.00 | \$23,827.52 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,135.36 | SY | \$16.00 | \$66,165.76 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 682.33 | TN | \$85.00 | \$57,998.05 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 245.72 | TN | \$85.00 | \$20,886.20 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 122.86 | TN | \$100.00 | \$12,286.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 341.17 | TN | \$100.00 | \$34,117.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$12.72 | \$2,580.12 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 | LF | \$14.16 | \$13,395.36 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 | LF | \$23.44 | \$9,141.60 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 | SY | \$33.93 | \$17,832.25 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 | SY | \$37.93 | \$6,595.65 |
| 570-1-1 | PERFORMANCE TURF | 525.56 | SY | \$0.35 | \$183.95 |

Intersection 2

| Description | Value |
|--------------------------------------|----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Stan Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 | SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 | SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 | SY | \$16.00 | \$13,004.64 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 | SY | \$16.00 | \$23,358.24 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 | TN | \$85.00 | \$11,399.35 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 | TN | \$85.00 | \$20,474.80 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 | TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 | TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 | LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 | LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 | SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 | SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 | SY | \$0.35 | \$53.08 |

Intersection 3

| Description | Value |
|--------------------------------------|----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and East Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |

| | | | | |
|----------|---|-------------|----------|-------------|
| 160-4 | TYPE B STABILIZATION | 1,459.89 SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 SY | \$16.00 | \$23,358.24 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 TN | \$85.00 | \$20,474.80 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 TN | \$100.00 | \$12,044.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 4

| Description | Value |
|--------------------------------------|--------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 3 |
| Cross Street No. of Left Turn Lanes | 1 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | Ellis Rd and Technology (West) |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,423.92 | CY | \$3.00 | \$4,271.76 |
| 160-4 | TYPE B STABILIZATION | 1,489.22 | SY | \$2.50 | \$3,723.05 |
| 160-4 | TYPE B STABILIZATION | 3,438.03 | SY | \$2.50 | \$8,595.08 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,438.03 | SY | \$16.00 | \$55,008.48 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,489.22 | SY | \$16.00 | \$23,827.52 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 245.72 | TN | \$85.00 | \$20,886.20 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 567.27 | TN | \$85.00 | \$48,217.95 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 122.86 | TN | \$100.00 | \$12,286.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 283.64 | TN | \$100.00 | \$28,364.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$12.72 | \$2,580.12 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 | LF | \$14.16 | \$13,395.36 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 195.00 | LF | \$23.44 | \$4,570.80 |

| | | | | |
|----------|-------------------------------|-----------|---------|-------------|
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 SY | \$33.93 | \$17,832.25 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 SY | \$37.93 | \$6,595.65 |
| 570-1-1 | PERFORMANCE TURF | 525.56 SY | \$0.35 | \$183.95 |

Intersection 5

| Description | Value |
|--------------------------------------|------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Distribution Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 | SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 | SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 | SY | \$16.00 | \$23,358.24 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 | SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 | TN | \$85.00 | \$20,474.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 | TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 | TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 | TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 | LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 | LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 | SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 | SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 | SY | \$0.35 | \$53.08 |

Intersection 6

| Description | Value |
|--------------------------------------|--------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Technology (East) |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 SY | \$16.00 | \$23,358.24 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 TN | \$85.00 | \$20,474.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 7

| Description | Value |
|--------------------------------------|------------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Shinn Ave |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 906.56 SY | \$2.50 | \$2,266.40 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 906.56 SY | \$16.00 | \$14,504.96 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 149.58 TN | \$85.00 | \$12,714.30 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 74.79 TN | \$100.00 | \$7,479.00 |

| | | | | |
|----------|-----------------------------------|-----------|---------|------------|
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 LF | \$23.44 | \$9,141.60 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 8

| Description | Value |
|--------------------------------------|---------------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Lake Ibis Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------------------|---|----------|------|------------|-----------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 906.56 | SY | \$2.50 | \$2,266.40 |
| 160-4 | TYPE B STABILIZATION | 812.79 | SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 906.56 | SY | \$16.00 | \$14,504.96 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 | SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 149.58 | TN | \$85.00 | \$12,714.30 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 | TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 | TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 74.79 | TN | \$100.00 | \$7,479.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 | LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 | LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 | LF | \$23.44 | \$9,141.60 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 | SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 | SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 | SY | \$0.35 | \$53.08 |
| Intersections Component Total | | | | | \$1,314,912.89 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|-----------------------------|----------|------|------------|-----------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS | 37.00 | AS | \$256.36 | \$9,485.32 |

| | | | | |
|--------------------------------|---------------------------------|---------|------------|--------------------|
| | THAN 12 SF | | | |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 4.00 AS | \$763.07 | \$3,052.28 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 4.00 AS | \$3,424.72 | \$13,698.88 |
| 700-21-12 | MULTI- POST SIGN, F&I, 51-100 | 4.00 AS | \$3,620.87 | \$14,483.48 |
| Signing Component Total | | | | \$40,719.96 |

SIGNALIZATIONS COMPONENT

Signalization 1

| | |
|--------------------|------------------------------|
| Description | Value |
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | Ellis Rd and John Rodes Blvd |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--|----------------------|-------------------|------------------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |

Signalization 2

| | |
|--------------------|----------------------|
| Description | Value |
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | Ellis Rd and East Dr |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|--|---------------|-------------|-----------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |

Signalization 3**Description**

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

Ellis Rd and Technology Dr
(East)**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|---|---------------|-------------|-----------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |

| | | | | |
|---------------------------------------|--|----------|-------------|---------------------|
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |
| Signalizations Component Total | | | | \$442,323.57 |

LIGHTING COMPONENT

Conventional Lighting Subcomponent

| Description | | | | Value | |
|---------------------------------|--|-----------|------|------------|---------------------|
| Spacing | | | | MIN | |
| Pay Items | | | | | |
| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 29,219.12 | LF | \$1.75 | \$51,133.46 |
| 715-2-11 | LIGHTING-CONDUIT, F&I, UNDERGROUND | 8,000.26 | LF | \$2.60 | \$20,800.68 |
| 715-2-12 | LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT | 1,587.93 | LF | \$9.79 | \$15,545.83 |
| 715-14-11 | LIGHTING - PULL BOX,F&I,ROADSIDE-MOULDED | 54.00 | EA | \$276.04 | \$14,906.16 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 54.00 | EA | \$302.85 | \$16,353.90 |
| 715-511-140 | LIGHT POLE COMP,F&I,SGL ARM SM, AL,40' | 54.00 | EA | \$4,000.00 | \$216,000.00 |
| Subcomponent Total | | | | | \$334,740.03 |
| Lighting Component Total | | | | | \$334,740.03 |

Sequence 1 Total **\$8,116,633.11**

Sequence: 2NUR - New Construction, Undivided, Rural**Net Length:** 1.240 MI
6,549 LF**Description:** Turn lanes on Ellis Rd**ROADWAY COMPONENT****User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 0.00 / 12.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 165 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 23,284.57 SY | \$2.50 | \$58,211.42 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 8,971.83 SY | \$16.00 | \$143,549.28 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 1,200.61 TN | \$85.00 | \$102,051.85 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 720.37 TN | \$100.00 | \$72,037.00 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 2.48 NM | \$781.38 | \$1,937.82 |

Roadway Component Total

\$377,787.37

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---|---------------|------------|-----------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 3.00 AS | \$256.36 | \$769.08 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 25.00 AS | \$763.07 | \$19,076.75 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 3.00 AS | \$3,424.72 | \$10,274.16 |
| Signing Component Total | | | | \$30,119.99 |

Sequence 2 Total

\$407,907.36

Date: 10/2/2012 4:46:46 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05

County: 70 BREVARD

Market Area: 08

Units: English

Contract Class: 4 Lump Sum Project: N

Design/Build: N

Project Length: 2.083 MI

Project Manager: MIM

Version 5 Project Grand Total

\$10,417,840.91

Description: I-95 @ Ellis Road St Johns Heritage Parkway Interchange Study SIS High Speed Urban 50 MPH

Project Sequences Subtotal **\$8,524,540.47**

102-1 Maintenance of Traffic 10.00 % \$852,454.05

101-1 Mobilization 10.00 % \$937,699.45

Project Sequences Total **\$10,314,693.97**

Project Unknowns 0.00 % \$0.00

Design/Build 0.00 % \$0.00

Non-Bid Components:

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|--|----------|------|--------------|-----------------|
| 999-25 | INITIAL CONTINGENCY AMOUNT (DO NOT BID) | | LS | \$103,146.94 | \$103,146.94 |

Project Non-Bid Subtotal **\$103,146.94****Version 5 Project Grand Total** **\$10,417,840.91**

Ellis Road LRE

Standard Urban 45 mph

From John Rodes Boulevard to Wickham Road

Date: 10/2/2012 1:37:13 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05

County: 70 BREVARD

Market Area: 08

Units: English

Contract Class: 4 Lump Sum Project: N

Design/Build: N

Project Length: 2.083 MI

Project Manager: MIM

Version 2 Project Grand Total

\$9,796,548.81

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY STANDARD URBAN 45 MPH

Sequence: 1 NDU - New Construction, Divided, Urban

Net Length: 1.515 MI
8,000 LF

Description: John Rodes Blvd to Lake Ibis Dr

Special Retention Basin #1 used to compute canal excavation.

Conditions:

EARTHWORK COMPONENT

User Input Data

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 95.00 / 95.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 1.515 |
| Top of Structural Course For Begin Section | 103.00 |
| Top of Structural Course For End Section | 103.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 4 to 1 / 4 to 1 |
| Median Shoulder Cross Slope L/R | 4.00 % / 4.00 % |
| Outside Shoulder Cross Slope L/R | 2.00 % / 2.00 % |
| Roadway Cross Slope L/R | 2.00 % / 2.00 % |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|-----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 34.89 | AC | \$6,000.00 | \$209,340.00 |
| 120-6 | EMBANKMENT | 81,366.68 | CY | \$5.00 | \$406,833.40 |

X-Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|----------------------------------|-----------|------|------------|-----------------|
| 120-1 | REGULAR EXCAVATION | 27,267.00 | CY | \$3.00 | \$81,801.00 |
| | Comment: Canal Excavation | | | | |

Earthwork Component Total \$697,974.40

ROADWAY COMPONENT

User Input Data

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 4 |
| Roadway Pavement Width L/R | 28.00 / 28.00 |
| Structural Spread Rate | 330 |
| Friction Course Spread Rate | 165 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|-----------|------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 58,953.00 | SY | \$2.50 | \$147,382.50 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 49,779.37 | SY | \$16.00 | \$796,469.92 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 8,213.60 | TN | \$85.00 | \$698,156.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 4,106.80 | TN | \$100.00 | \$410,680.00 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|------------|---|----------|------|------------|-----------------|
| 706-3 | RETRO-REFLECTIVE PAVEMENT MARKERS | 614.00 | EA | \$3.37 | \$2,069.18 |
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 12.12 | NM | \$781.38 | \$9,470.33 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 6.06 | GM | \$299.50 | \$1,814.97 |

Roadway Component Total

\$2,066,042.90

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 12.25 / 12.25 |
| Total Outside Shoulder Perf. Turf Width L/R | 5.00 / 5.00 |
| Sidewalk Width L/R | 5.00 / 5.00 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------|----------|------|------------|-----------------|
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 8,000.26 | LF | \$14.16 | \$113,283.68 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 8,000.26 | LF | \$14.16 | \$113,283.68 |
| 522-1 | SIDEWALK CONC, 4" THICK | 8,889.17 | SY | \$33.93 | \$301,609.54 |
| 570-1-1 | PERFORMANCE TURF | 8,889.17 | SY | \$0.35 | \$3,111.21 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------|--|-----------|------|------------|---------------------|
| 104-10-3 | SEDIMENT BARRIER | 16,000.51 | LF | \$0.58 | \$9,280.30 |
| 104-11 | FLOATING TURBIDITY BARRIER | 378.80 | LF | \$11.18 | \$4,234.98 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 378.80 | LF | \$3.17 | \$1,200.80 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 2.00 | EA | \$1,901.59 | \$3,803.18 |
| 104-18 | INLET PROTECTION SYSTEM | 78.00 | EA | \$68.80 | \$5,366.40 |
| 107-1 | LITTER REMOVAL | 2.88 | AC | \$47.69 | \$137.35 |
| 107-2 | MOWING | 2.88 | AC | \$51.37 | \$147.95 |
| Shoulder Component Total | | | | | \$555,459.07 |

MEDIAN COMPONENT

User Input Data

| Description | Value |
|------------------------|-------|
| Total Median Width | 22.00 |
| Performance Turf Width | 5.34 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------------------------|-----------------------------------|-----------|------|------------|---------------------|
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 16,000.51 | LF | \$12.72 | \$203,526.49 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 3,655.00 | LF | \$23.44 | \$85,673.20 |
| 570-1-1 | PERFORMANCE TURF | 4,746.82 | SY | \$0.35 | \$1,661.39 |
| Median Component Total | | | | | \$290,861.08 |

DRAINAGE COMPONENT

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 27.27 | CY | \$500.00 | \$13,635.00 |
| 425-1-351 | INLETS, CURB, TYPE P-5, <10' | 55.00 | EA | \$3,949.69 | \$217,232.95 |
| 425-1-451 | INLETS, CURB, TYPE J-5, <10' | 16.00 | EA | \$4,651.75 | \$74,428.00 |
| 425-1-521 | INLETS, DT BOT, TYPE C, <10' | 8.00 | EA | \$2,129.18 | \$17,033.44 |
| 425-2-41 | MANHOLES, P-7, <10' | 8.00 | EA | \$2,793.86 | \$22,350.88 |
| 430-175-124 | PIPE CULV, OPT MATL, ROUND, 24"S/CD | 4,009.22 | LF | \$42.09 | \$168,748.07 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 357.59 | LF | \$81.89 | \$29,283.05 |
| 430-175-148 | PIPE CULV, OPT MATL, ROUND, 48"S/CD | 7,576.00 | LF | \$105.42 | \$798,661.92 |
| 570-1-1 | PERFORMANCE TURF | 460.62 | SY | \$0.35 | \$161.22 |

Retention Basin 1

| Description | Value |
|-------------|--------------|
| Size | 1 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond Site 3B |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 1.00 | AC | \$6,000.00 | \$6,000.00 |
| 120-1 | REGULAR EXCAVATION | 9,680.00 | CY | \$3.00 | \$29,040.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$500.00 | \$9,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 | EA | \$4,914.14 | \$4,914.14 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 | LF | \$106.62 | \$5,970.72 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 | LF | \$209.52 | \$41,904.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 840.00 | LF | \$9.04 | \$7,593.60 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 1.00 | EA | \$2,079.62 | \$2,079.62 |
| 570-1-1 | PERFORMANCE TURF | 4,840.00 | SY | \$0.35 | \$1,694.00 |

Retention Basin 2

| Description | Value |
|-------------|---------|
| Size | 5 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 4B |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|-----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 5.00 | AC | \$6,000.00 | \$30,000.00 |
| 120-1 | REGULAR EXCAVATION | 48,400.00 | CY | \$3.00 | \$145,200.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 30.00 | CY | \$500.00 | \$15,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |
| 425-2-71 | MANHOLES, J-7, <10' | 2.00 | EA | \$4,914.14 | \$9,828.28 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 50.00 | LF | \$106.62 | \$5,331.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 400.00 | LF | \$209.52 | \$83,808.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,860.00 | LF | \$9.04 | \$16,814.40 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 2.00 | EA | \$2,079.62 | \$4,159.24 |
| 570-1-1 | PERFORMANCE TURF | 24,200.00 | SY | \$0.35 | \$8,470.00 |

Retention Basin 3

| Description | Value |
|-------------|-------------------|
| Size | .5 AC |
| Multiplier | 1 |
| Depth | 6.00 |
| Description | Pond 5A Expansion |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|------------------------------|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.50 | AC | \$6,000.00 | \$3,000.00 |
| 120-1 | REGULAR EXCAVATION | 4,840.00 | CY | \$3.00 | \$14,520.00 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$500.00 | \$9,000.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$3,072.49 | \$3,072.49 |

| | | | | |
|---------------------------------|---|-------------|------------|-----------------------|
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 EA | \$4,914.14 | \$4,914.14 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 LF | \$106.62 | \$5,970.72 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 LF | \$209.52 | \$41,904.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 600.00 LF | \$9.04 | \$5,424.00 |
| 550-60-234 | FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN | 1.00 EA | \$2,079.62 | \$2,079.62 |
| 570-1-1 | PERFORMANCE TURF | 2,420.00 SY | \$0.35 | \$847.00 |
| Drainage Component Total | | | | \$1,865,218.48 |

INTERSECTIONS COMPONENT

Intersection 1

| Description | Value |
|--------------------------------------|------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 3 |
| Cross Street No. of Left Turn Lanes | 2 |
| Cross Street No. of Right Turn Lanes | 1 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | Ellis Rd and John Rodes Blvd |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,712.73 | CY | \$3.00 | \$5,138.19 |
| 160-4 | TYPE B STABILIZATION | 1,489.22 | SY | \$2.50 | \$3,723.05 |
| 160-4 | TYPE B STABILIZATION | 4,135.36 | SY | \$2.50 | \$10,338.40 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,489.22 | SY | \$16.00 | \$23,827.52 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 4,135.36 | SY | \$16.00 | \$66,165.76 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 682.33 | TN | \$85.00 | \$57,998.05 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 245.72 | TN | \$85.00 | \$20,886.20 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 122.86 | TN | \$100.00 | \$12,286.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 341.17 | TN | \$100.00 | \$34,117.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$12.72 | \$2,580.12 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 | LF | \$14.16 | \$13,395.36 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 | LF | \$23.44 | \$9,141.60 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 | SY | \$33.93 | \$17,832.25 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 | SY | \$37.93 | \$6,595.65 |
| 570-1-1 | PERFORMANCE TURF | 525.56 | SY | \$0.35 | \$183.95 |

Intersection 2

| Description | Value |
|--------------------------------------|----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Stan Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 | SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 | SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 | SY | \$16.00 | \$13,004.64 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 | SY | \$16.00 | \$23,358.24 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 | TN | \$85.00 | \$11,399.35 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 | TN | \$85.00 | \$20,474.80 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 | TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 | TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 | LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 | LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 | SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 | SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 | SY | \$0.35 | \$53.08 |

Intersection 3

| Description | Value |
|--------------------------------------|----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and East Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |

| | | | | |
|----------|---|-------------|----------|-------------|
| 160-4 | TYPE B STABILIZATION | 1,459.89 SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 SY | \$16.00 | \$23,358.24 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 TN | \$85.00 | \$20,474.80 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 TN | \$100.00 | \$12,044.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 4

| Description | Value |
|--------------------------------------|--------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 3 |
| Cross Street No. of Left Turn Lanes | 1 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | Ellis Rd and Technology (West) |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.36 | AC | \$6,000.00 | \$14,160.00 |
| 120-1 | REGULAR EXCAVATION | 1,423.92 | CY | \$3.00 | \$4,271.76 |
| 160-4 | TYPE B STABILIZATION | 1,489.22 | SY | \$2.50 | \$3,723.05 |
| 160-4 | TYPE B STABILIZATION | 3,438.03 | SY | \$2.50 | \$8,595.08 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,438.03 | SY | \$16.00 | \$55,008.48 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,489.22 | SY | \$16.00 | \$23,827.52 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 245.72 | TN | \$85.00 | \$20,886.20 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 567.27 | TN | \$85.00 | \$48,217.95 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 122.86 | TN | \$100.00 | \$12,286.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 283.64 | TN | \$100.00 | \$28,364.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$12.72 | \$2,580.12 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 946.00 | LF | \$14.16 | \$13,395.36 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 195.00 | LF | \$23.44 | \$4,570.80 |

| | | | | |
|----------|-------------------------------|-----------|---------|-------------|
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 525.56 SY | \$33.93 | \$17,832.25 |
| 522-2 | SIDEWALK CONC, 6" THICK | 173.89 SY | \$37.93 | \$6,595.65 |
| 570-1-1 | PERFORMANCE TURF | 525.56 SY | \$0.35 | \$183.95 |

Intersection 5

| Description | Value |
|--------------------------------------|------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Distribution Dr |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 | AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 | CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 | SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 | SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 | SY | \$16.00 | \$23,358.24 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 | SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 | TN | \$85.00 | \$20,474.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 | TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 | TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 | TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 | LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 | LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 | LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 | SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 | SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 | SY | \$0.35 | \$53.08 |

Intersection 6

| Description | Value |
|--------------------------------------|--------------------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Technology (East) |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 1,459.89 SY | \$2.50 | \$3,649.73 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,459.89 SY | \$16.00 | \$23,358.24 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 240.88 TN | \$85.00 | \$20,474.80 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 120.44 TN | \$100.00 | \$12,044.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 780.00 LF | \$23.44 | \$18,283.20 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 7

| Description | Value |
|--------------------------------------|------------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Shinn Ave |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 906.56 SY | \$2.50 | \$2,266.40 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 906.56 SY | \$16.00 | \$14,504.96 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 149.58 TN | \$85.00 | \$12,714.30 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 74.79 TN | \$100.00 | \$7,479.00 |

| | | | | |
|----------|-----------------------------------|-----------|---------|------------|
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 LF | \$23.44 | \$9,141.60 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |

Intersection 8

| Description | Value |
|--------------------------------------|---------------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 50 |
| Cross Street Thru Lanes | 2 |
| Cross Street No. of Left Turn Lanes | 0 |
| Cross Street No. of Right Turn Lanes | 0 |
| Cross Street Design Speed | 35 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Ellis Rd and Lake Ibis Dr |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------------|---|---------------|------------|-----------------------|
| 110-1-1 | CLEARING & GRUBBING | 0.70 AC | \$6,000.00 | \$4,200.00 |
| 120-1 | REGULAR EXCAVATION | 336.63 CY | \$3.00 | \$1,009.89 |
| 160-4 | TYPE B STABILIZATION | 906.56 SY | \$2.50 | \$2,266.40 |
| 160-4 | TYPE B STABILIZATION | 812.79 SY | \$2.50 | \$2,031.98 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 906.56 SY | \$16.00 | \$14,504.96 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 812.79 SY | \$16.00 | \$13,004.64 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 149.58 TN | \$85.00 | \$12,714.30 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 134.11 TN | \$85.00 | \$11,399.35 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 67.06 TN | \$100.00 | \$6,706.00 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 74.79 TN | \$100.00 | \$7,479.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$12.72 | \$1,290.06 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 273.00 LF | \$14.16 | \$3,865.68 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 390.00 LF | \$23.44 | \$9,141.60 |
| 522-1 | SIDEWALK CONC, 4" THICK | 151.67 SY | \$33.93 | \$5,146.16 |
| 522-2 | SIDEWALK CONC, 6" THICK | 86.94 SY | \$37.93 | \$3,297.63 |
| 570-1-1 | PERFORMANCE TURF | 151.67 SY | \$0.35 | \$53.08 |
| Intersections Component Total | | | | \$1,314,912.89 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|-----------------------------|---------------|------------|-----------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS | 37.00 AS | \$256.36 | \$9,485.32 |

| | | | | |
|--------------------------------|---------------------------------|---------|------------|--------------------|
| | THAN 12 SF | | | |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 4.00 AS | \$763.07 | \$3,052.28 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 4.00 AS | \$3,424.72 | \$13,698.88 |
| 700-21-12 | MULTI- POST SIGN, F&I, 51-100 | 4.00 AS | \$3,620.87 | \$14,483.48 |
| Signing Component Total | | | | \$40,719.96 |

SIGNALIZATIONS COMPONENT

Signalization 1

| | |
|--------------------|------------------------------|
| Description | Value |
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | Ellis Rd and John Rodes Blvd |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------------|--|----------------------|-------------------|------------------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |

Signalization 2

| | |
|--------------------|----------------------|
| Description | Value |
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | Ellis Rd and East Dr |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|--|---------------|-------------|-----------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |

Signalization 3

| Description | Value |
|-------------|-----------------------------------|
| Type | 4 Lane Mast Arm |
| Multiplier | 1 |
| Description | Ellis Rd and Technology Dr (East) |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|---|---------------|-------------|-----------------|
| 630-1-12 | CONDUIT-SIGNALS, F& I, UNDERGROUND | 750.00 LF | \$4.17 | \$3,127.50 |
| 630-1-14 | CONDUIT-SIGNALS,F& I, UG JACKED | 250.00 LF | \$9.91 | \$2,477.50 |
| 632-7-1 | CABLE, SIGNAL, FURNISH & INSTALL | 1.00 PI | \$2,138.17 | \$2,138.17 |
| 635-1-11 | PULL & JUNCTION BOXES, F&I, PULL BOX | 16.00 EA | \$299.13 | \$4,786.08 |
| 639-1-22 | SIGNAL,ELECT POWER SERV,UG,PUR CONT | 1.00 AS | \$1,745.25 | \$1,745.25 |
| 639-2-1 | SIGNAL,ELECTRICAL SERVICE WIRE | 60.00 LF | \$2.13 | \$127.80 |
| 649-31-103 | M/ARM,F&I, WS-150,SINGLE ARM,W/O LUM-60 | 4.00 EA | \$21,853.12 | \$87,412.48 |
| 650-51-311 | TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD | 12.00 AS | \$602.83 | \$7,233.96 |

| | | | | |
|---------------------------------------|--|----------|-------------|---------------------|
| 653-191 | PEDESTRIAN SIGNAL, F&I, LED-COUNT DWN, 1 | 8.00 AS | \$537.27 | \$4,298.16 |
| 659-101 | SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT | 12.00 EA | \$106.25 | \$1,275.00 |
| 659-109 | SGNL HEAD AUXIL, F&I, CONC PED TYP II | 1.00 EA | \$748.15 | \$748.15 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 12.00 EA | \$121.84 | \$1,462.08 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 12.00 AS | \$621.32 | \$7,455.84 |
| 665-11 | PED DET, F&I, DET STA POLE OR CAB MTD | 8.00 EA | \$157.59 | \$1,260.72 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 1.00 AS | \$19,675.06 | \$19,675.06 |
| 700-48-19 | SIGN PANELS, F & I, 16 - 100 | 4.00 EA | \$554.36 | \$2,217.44 |
| Signalizations Component Total | | | | \$442,323.57 |

LIGHTING COMPONENT

Conventional Lighting Subcomponent

| Description | | | | Value | |
|---------------------------------|--|-----------|------|------------|---------------------|
| Spacing | | | | MIN | |
| Pay Items | | | | | |
| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 29,219.12 | LF | \$1.75 | \$51,133.46 |
| 715-2-11 | LIGHTING-CONDUIT, F&I, UNDERGROUND | 8,000.26 | LF | \$2.60 | \$20,800.68 |
| 715-2-12 | LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT | 1,587.93 | LF | \$9.79 | \$15,545.83 |
| 715-14-11 | LIGHTING - PULL BOX,F&I,ROADSIDE-MOULDED | 54.00 | EA | \$276.04 | \$14,906.16 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 54.00 | EA | \$302.85 | \$16,353.90 |
| 715-511-140 | LIGHT POLE COMP,F&I,SGL ARM SM, AL,40' | 54.00 | EA | \$4,000.00 | \$216,000.00 |
| Subcomponent Total | | | | | \$334,740.03 |
| Lighting Component Total | | | | | \$334,740.03 |

Sequence 1 Total **\$7,608,252.38**

Sequence: 2NUR - New Construction, Undivided, Rural**Net Length:** 1.240 MI
6,549 LF**Description:** Turn lanes on Ellis Rd**ROADWAY COMPONENT****User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 0.00 / 12.00 |
| Structural Spread Rate | 275 |
| Friction Course Spread Rate | 165 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 23,284.57 SY | \$2.50 | \$58,211.42 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 8,971.83 SY | \$16.00 | \$143,549.28 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 1,200.61 TN | \$85.00 | \$102,051.85 |
| 337-7-33 | ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER | 720.37 TN | \$100.00 | \$72,037.00 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|---|---------------|------------|-----------------|
| 710-11-111 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 2.48 NM | \$781.38 | \$1,937.82 |

Roadway Component Total

\$377,787.37

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 700-20-11 | SINGLE POST SIGN, F&I, LESS THAN 12 SF | 3.00 AS | \$256.36 | \$769.08 |
| 700-20-12 | SINGLE POST SIGN, F&I, 12-20 SF | 25.00 AS | \$763.07 | \$19,076.75 |
| 700-21-11 | MULTI- POST SIGN, F&I, 50 OR < | 3.00 AS | \$3,424.72 | \$10,274.16 |

Signing Component Total

\$30,119.99

Sequence 2 Total

\$407,907.36

Date: 10/2/2012 1:37:14 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 426905-1-52-01

Letting Date: 01/2099

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY

District: 05

County: 70 BREVARD

Market Area: 08

Units: English

Contract Class: 4 Lump Sum Project: N

Design/Build: N

Project Length: 2.083 MI

Project Manager: MIM

Version 2 Project Grand Total

\$9,796,548.81

Description: I-95 @ ELLIS ROAD ST JOHNS HERITAGE PARKWAY INTERCHANGE STUDY STANDARD
URBAN 45 MPH

Project Sequences Subtotal **\$8,016,159.74**

| | | | |
|-------|------------------------|---------|--------------|
| 102-1 | Maintenance of Traffic | 10.00 % | \$801,615.97 |
| 101-1 | Mobilization | 10.00 % | \$881,777.57 |

Project Sequences Total **\$9,699,553.28**

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

Non-Bid Components:

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|--|----------|------|-------------|-----------------|
| 999-25 | INITIAL CONTINGENCY AMOUNT (DO NOT BID) | | LS | \$96,995.53 | \$96,995.53 |

Project Non-Bid Subtotal **\$96,995.53**
Version 2 Project Grand Total **\$9,796,548.81**