

Date: 2/11/2020 2:45:23 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 436292-1-22-01

Letting Date: 01/2099

Description: I-95 INTERCHANGE AT PIONEER TRAIL

District: 05 County: 79 VOLUSIA Market Area: 06 Units: English
 Contract Class: 1 Lump Sum Project: N Design/Build: N Project Length: 2.000 MI

Project Manager: HJG

Version 8 Project Grand Total

\$33,654,055.95

Description: I-95 INTERCHANGE AT PIONEER TRAIL - Alternative 1 - Diamond Interchange (Updated by KNSTERR on 02/11/2020)

Sequence: 1 NDU - New Construction, Divided, Urban

Net Length: 1.121 MI
5,919 LF

Description: Pioneer Trail from begin project to end project (without bridge)

EARTHWORK COMPONENT

User Input Data

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 60.00 / 60.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 1.121 |
| Top of Structural Course For Begin Section | 104.00 |
| Top of Structural Course For End Section | 104.00 |
| Horizontal Elevation For Begin Section | 100.00 |
| Horizontal Elevation For End Section | 100.00 |
| Front Slope L/R | 6 to 1 / 6 to 1 |
| 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 | 16.31 AC | \$10,000.00 | \$163,100.00 |
| 120-6 | EMBANKMENT | 99,301.27 CY | \$9.00 | \$893,711.43 |

Earthwork Component Total

\$1,056,811.43

ROADWAY COMPONENT

User Input Data

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 4 |
| Roadway Pavement Width L/R | 29.00 / 29.00 |
| 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 | 44,930.88 SY | \$4.50 | \$202,188.96 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 38,143.89 SY | \$16.50 | \$629,374.19 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 6,293.74 TN | \$97.00 | \$610,492.78 |

| | | | | |
|----------|---|-------------|----------|--------------|
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 | 3,146.87 TN | \$120.00 | \$377,624.40 |
|----------|---|-------------|----------|--------------|

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/RAISED PAVEMENT MARKERS | 454.00 EA | \$5.25 | \$2,383.50 |
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 8.97 GM | \$1,144.50 | \$10,266.17 |
| 710-11-131 | PAINTED PAVT MARK,STD,WHITE,SKIP, 6" | 4.48 GM | \$484.00 | \$2,168.32 |

Roadway Component Total

\$1,834,498.32

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 13.25 / 13.25 |
| Total Outside Shoulder Perf. Turf Width L/R | 3.00 / 3.00 |
| Sidewalk Width L/R | 8.00 / 8.00 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|-------------------------------------|---------------|------------|-----------------|
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 5,918.88 LF | \$31.00 | \$183,485.28 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 5,918.88 LF | \$31.00 | \$183,485.28 |
| 522-1 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | 10,522.45 SY | \$38.00 | \$399,853.10 |
| 570-1-1 | PERFORMANCE TURF | 3,945.92 SY | \$1.75 | \$6,905.36 |

X-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---------------------------------|---------------|------------|-----------------|
| 521-8-7 | CONC BARRIER, W/JUNCT SL, 36 SS | 1,470.00 LF | \$265.58 | \$390,402.60 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--|---------------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 11,837.76 LF | \$1.50 | \$17,756.64 |
| 104-11 | FLOATING TURBIDITY BARRIER | 280.25 LF | \$9.50 | \$2,662.38 |
| 104-12 | STAKED TURBIDITY BARRIER-NYL REINF PVC | 280.25 LF | \$6.25 | \$1,751.56 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 2.00 EA | \$2,294.00 | \$4,588.00 |
| 104-18 | INLET PROTECTION SYSTEM | 58.00 EA | \$110.75 | \$6,423.50 |
| 107-1 | LITTER REMOVAL | 28.53 AC | \$44.00 | \$1,255.32 |
| 107-2 | MOWING | 28.53 AC | \$66.50 | \$1,897.24 |

Shoulder Component Total

\$1,200,466.27

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 | 11,837.76 LF | \$19.00 | \$224,917.44 |
| 570-1-1 | PERFORMANCE TURF | 3,511.87 SY | \$1.75 | \$6,145.77 |
| Median Component Total | | | | \$231,063.21 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-------------|-------------------------------------|---------------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 20.18 CY | \$1,800.00 | \$36,324.00 |
| 425-1-351 | INLETS, CURB, TYPE P-5, <10' | 41.00 EA | \$5,302.00 | \$217,382.00 |
| 425-1-451 | INLETS, CURB, TYPE J-5, <10' | 12.00 EA | \$6,565.00 | \$78,780.00 |
| 425-1-521 | INLETS, DT BOT, TYPE C, <10' | 6.00 EA | \$3,305.50 | \$19,833.00 |
| 425-2-41 | MANHOLES, P-7, <10' | 6.00 EA | \$4,347.75 | \$26,086.50 |
| 430-175-124 | PIPE CULV, OPT MATL, ROUND, 24"S/CD | 2,968.00 LF | \$95.00 | \$281,960.00 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 264.00 LF | \$164.00 | \$43,296.00 |
| 430-175-148 | PIPE CULV, OPT MATL, ROUND, 48"S/CD | 5,608.00 LF | \$175.00 | \$981,400.00 |
| 570-1-1 | PERFORMANCE TURF | 340.78 SY | \$1.75 | \$596.36 |

Box Culvert 1

| Description | Value |
|-------------|------------|
| Size | Dbl. 8 x 5 |
| Length | 40.00 |
| Multiplier | 2 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|-------------------------|---------------|------------|-----------------------|
| 400-4-1 | CONC CLASS IV, CULVERTS | 155.60 CY | \$1,200.73 | \$186,833.59 |
| 415-1-1 | REINF STEEL- ROADWAY | 21,236.00 LB | \$1.00 | \$21,236.00 |
| Drainage Component Total | | | | \$1,893,727.46 |

INTERSECTIONS COMPONENT**Intersection 1**

| Description | Value |
|--------------------------------------|------------------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 1 |
| Mainline Design Speed | 45 |
| 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 | 40 |
| T-Intersection? | Y |
| Multiplier | 1 |
| Description | Williamson Blvd. |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 1.23 AC | \$10,000.00 | \$12,300.00 |
| 120-1 | REGULAR EXCAVATION | 798.47 CY | \$8.50 | \$6,787.00 |
| 160-4 | TYPE B STABILIZATION | 1,209.22 SY | \$4.50 | \$5,441.49 |
| 160-4 | TYPE B STABILIZATION | 1,927.90 SY | \$4.50 | \$8,675.55 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,209.22 SY | \$16.50 | \$19,952.13 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,927.90 SY | \$16.50 | \$31,810.35 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 199.52 TN | \$97.00 | \$19,353.44 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 318.10 TN | \$97.00 | \$30,855.70 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 99.76 TN | \$120.00 | \$11,971.20 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 159.05 TN | \$120.00 | \$19,086.00 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$19.00 | \$1,926.98 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 493.00 LF | \$31.00 | \$15,283.00 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 205.00 LF | \$48.25 | \$9,891.25 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 335.00 LF | \$48.25 | \$16,163.75 |
| 522-1 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | 273.89 SY | \$38.00 | \$10,407.82 |
| 522-2 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" | 86.94 SY | \$57.25 | \$4,977.32 |
| 570-1-1 | PERFORMANCE TURF | 273.89 SY | \$1.75 | \$479.31 |

Intersection 2

| Description | Value |
|--------------------------------------|-----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 1 |
| Mainline Design Speed | 45 |
| 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 | 40 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | I-95 SB Ramp Terminal |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|---|---------------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.46 AC | \$10,000.00 | \$24,600.00 |
| 120-1 | REGULAR EXCAVATION | 1,297.09 CY | \$8.50 | \$11,025.26 |
| 160-4 | TYPE B STABILIZATION | 1,689.22 SY | \$4.50 | \$7,601.49 |
| 160-4 | TYPE B STABILIZATION | 3,131.81 SY | \$4.50 | \$14,093.14 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,689.22 SY | \$16.50 | \$27,872.13 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,131.81 SY | \$16.50 | \$51,674.86 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 278.72 TN | \$97.00 | \$27,035.84 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 516.75 TN | \$97.00 | \$50,124.75 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 139.36 TN | \$120.00 | \$16,723.20 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 258.37 TN | \$120.00 | \$31,004.40 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 LF | \$19.00 | \$3,853.96 |

| | | | | |
|----------|--|-----------|---------|-------------|
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 986.00 LF | \$31.00 | \$30,566.00 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 670.00 LF | \$48.25 | \$32,327.50 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 205.00 LF | \$48.25 | \$9,891.25 |
| 522-1 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | 547.78 SY | \$38.00 | \$20,815.64 |
| 522-2 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" | 173.89 SY | \$57.25 | \$9,955.20 |
| 570-1-1 | PERFORMANCE TURF | 547.78 SY | \$1.75 | \$958.62 |

Intersection 3

| Description | Value |
|--------------------------------------|-----------------------|
| Mainline No. of Left Turn Lanes | 2 |
| Mainline No. of Right Turn Lanes | 1 |
| Mainline Design Speed | 45 |
| 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 | 40 |
| T-Intersection? | N |
| Multiplier | 1 |
| Description | I-95 NB Ramp Terminal |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.46 | AC | \$10,000.00 | \$24,600.00 |
| 120-1 | REGULAR EXCAVATION | 1,297.09 | CY | \$8.50 | \$11,025.26 |
| 160-4 | TYPE B STABILIZATION | 1,689.22 | SY | \$4.50 | \$7,601.49 |
| 160-4 | TYPE B STABILIZATION | 3,131.81 | SY | \$4.50 | \$14,093.14 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 1,689.22 | SY | \$16.50 | \$27,872.13 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 3,131.81 | SY | \$16.50 | \$51,674.86 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 278.72 | TN | \$97.00 | \$27,035.84 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 516.75 | TN | \$97.00 | \$50,124.75 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 139.36 | TN | \$120.00 | \$16,723.20 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 258.37 | TN | \$120.00 | \$31,004.40 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 202.84 | LF | \$19.00 | \$3,853.96 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 986.00 | LF | \$31.00 | \$30,566.00 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 670.00 | LF | \$48.25 | \$32,327.50 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 205.00 | LF | \$48.25 | \$9,891.25 |
| 522-1 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | 547.78 | SY | \$38.00 | \$20,815.64 |
| 522-2 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" | 173.89 | SY | \$57.25 | \$9,955.20 |
| 570-1-1 | PERFORMANCE TURF | 547.78 | SY | \$1.75 | \$958.62 |

Intersection 4

| Description | Value |
|--------------------------------------|-------|
| Mainline No. of Left Turn Lanes | 1 |
| Mainline No. of Right Turn Lanes | 0 |
| Mainline Design Speed | 45 |
| Cross Street Thru Lanes | 3 |
| Cross Street No. of Left Turn Lanes | 1 |
| Cross Street No. of Right Turn Lanes | 1 |
| Cross Street Design Speed | 35 |

T-Intersection? Y
 Multiplier 1
 Description Turnbull Bay Road

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------------|---|---------------|-------------|-----------------------|
| 110-1-1 | CLEARING & GRUBBING | 1.18 AC | \$10,000.00 | \$11,800.00 |
| 120-1 | REGULAR EXCAVATION | 917.11 CY | \$8.50 | \$7,795.44 |
| 160-4 | TYPE B STABILIZATION | 862.56 SY | \$4.50 | \$3,881.52 |
| 160-4 | TYPE B STABILIZATION | 2,214.35 SY | \$4.50 | \$9,964.58 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 862.56 SY | \$16.50 | \$14,232.24 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 2,214.35 SY | \$16.50 | \$36,536.78 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 142.32 TN | \$97.00 | \$13,805.04 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 365.37 TN | \$97.00 | \$35,440.89 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 71.16 TN | \$120.00 | \$8,539.20 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 182.68 TN | \$120.00 | \$21,921.60 |
| 520-1-7 | CONCRETE CURB & GUTTER, TYPE E | 101.42 LF | \$19.00 | \$1,926.98 |
| 520-1-10 | CONCRETE CURB & GUTTER, TYPE F | 473.00 LF | \$31.00 | \$14,663.00 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 335.00 LF | \$48.25 | \$16,163.75 |
| 520-5-11 | TRAF SEP CONC-TYPE I, 4' WIDE | 195.00 LF | \$48.25 | \$9,408.75 |
| 522-1 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | 262.78 SY | \$38.00 | \$9,985.64 |
| 522-2 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" | 86.94 SY | \$57.25 | \$4,977.32 |
| 570-1-1 | PERFORMANCE TURF | 262.78 SY | \$1.75 | \$459.86 |
| Intersections Component Total | | | | \$1,187,111.43 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--|---------------|------------|-----------------|
| 700-1-11 | SINGLE POST SIGN, F&I GM, <12 SF | 27.00 AS | \$348.00 | \$9,396.00 |
| 700-1-12 | SINGLE POST SIGN, F&I GM, 12- 20 SF | 3.00 AS | \$1,273.50 | \$3,820.50 |
| 700-2-15 | MULTI- POST SIGN, F&I GM, 51- 100 SF | 3.00 AS | \$6,032.75 | \$18,098.25 |
| 700-2-16 | MULTI- POST SIGN, F&I GM, 101- 200 SF | 3.00 AS | \$8,067.00 | \$24,201.00 |

X-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|--|---------------|-------------|---------------------|
| 700-9-117 | WALK-IN DYN MESS SIGN,F&I, MONO,201- | 1.00 EA | \$75,000.00 | \$75,000.00 |
| 700-10-124 | DMS SUPPORT STRUCTURE, CANT, 41-50 FT | 1.00 EA | \$81,378.36 | \$81,378.36 |
| Signing Component Total | | | | \$211,894.11 |

SIGNALIZATIONS COMPONENT

Signalization 1

| Description | Value |
|-------------|-----------------|
| Type | 2 Lane Mast Arm |

Multiplier 3
 Description Williamson Blvd. T-Intersection

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|--|----------|------|-------------|-----------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 2,400.00 | LF | \$8.25 | \$19,800.00 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 600.00 | LF | \$20.00 | \$12,000.00 |
| 632-7-1 | SIGNAL CABLE- NEW OR RECO, FUR & INSTALL | 3.00 | PI | \$6,554.50 | \$19,663.50 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 36.00 | EA | \$707.50 | \$25,470.00 |
| 639-1-112 | ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON | 3.00 | AS | \$2,714.00 | \$8,142.00 |
| 639-2-1 | ELECTRICAL SERVICE WIRE, F&I | 180.00 | LF | \$5.00 | \$900.00 |
| 649-21-4 | STEEL MAST ARM ASSEMBLY, F&I, 40'- 30' | 12.00 | EA | \$42,475.00 | \$509,700.00 |
| 650-1-14 | VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W | 24.00 | AS | \$997.00 | \$23,928.00 |
| 653-1-11 | PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY | 24.00 | AS | \$608.00 | \$14,592.00 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 24.00 | EA | \$323.25 | \$7,758.00 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 24.00 | AS | \$1,061.00 | \$25,464.00 |
| 665-1-11 | PEDESTRIAN DETECTOR, F&I, STANDARD | 24.00 | EA | \$238.25 | \$5,718.00 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 3.00 | AS | \$29,000.00 | \$87,000.00 |
| 700-3-101 | SIGN PANEL, F&I GM, UP TO 12 SF | 12.00 | EA | \$157.50 | \$1,890.00 |

Signalization 2

Description
 Type 4 Lane Mast Arm
 Multiplier 2
 Description I-95 NB and SB Ramp
 Terminals along Pioneer Trail

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------|--|----------|------|-------------|-----------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 1,500.00 | LF | \$8.25 | \$12,375.00 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 500.00 | LF | \$20.00 | \$10,000.00 |
| 632-7-1 | SIGNAL CABLE- NEW OR RECO, FUR & INSTALL | 2.00 | PI | \$6,554.50 | \$13,109.00 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 32.00 | EA | \$707.50 | \$22,640.00 |
| 639-1-112 | ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON | 2.00 | AS | \$2,714.00 | \$5,428.00 |
| 639-2-1 | ELECTRICAL SERVICE WIRE, F&I | 120.00 | LF | \$5.00 | \$600.00 |
| 649-21-10 | STEEL MAST ARM ASSEMBLY, F&I, 60' | 8.00 | EA | \$43,148.00 | \$345,184.00 |
| 650-1-14 | VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W | 24.00 | AS | \$997.00 | \$23,928.00 |
| 653-1-11 | PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY | 16.00 | AS | \$608.00 | \$9,728.00 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 24.00 | EA | \$323.25 | \$7,758.00 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 24.00 | AS | \$1,061.00 | \$25,464.00 |
| 665-1-11 | PEDESTRIAN DETECTOR, F&I, STANDARD | 16.00 | EA | \$238.25 | \$3,812.00 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 2.00 | AS | \$29,000.00 | \$58,000.00 |

| | | | | |
|-----------|---------------------------------|---------|----------|------------|
| 700-3-101 | SIGN PANEL, F&I GM, UP TO 12 SF | 8.00 EA | \$157.50 | \$1,260.00 |
|-----------|---------------------------------|---------|----------|------------|

Signalization 3

| | |
|--------------------|----------------------------------|
| Description | Value |
| Type | 2 Lane Mast Arm |
| Multiplier | 4 |
| Description | I-95 NB and SB Ramp Terminals |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|--|---------------|-------------|-----------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 3,200.00 LF | \$8.25 | \$26,400.00 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 800.00 LF | \$20.00 | \$16,000.00 |
| 632-7-1 | SIGNAL CABLE- NEW OR RECO, FUR & INSTALL | 4.00 PI | \$6,554.50 | \$26,218.00 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 48.00 EA | \$707.50 | \$33,960.00 |
| 639-1-112 | ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON | 4.00 AS | \$2,714.00 | \$10,856.00 |
| 639-2-1 | ELECTRICAL SERVICE WIRE, F&I | 240.00 LF | \$5.00 | \$1,200.00 |
| 649-21-4 | STEEL MAST ARM ASSEMBLY, F&I, 40'- 30' | 16.00 EA | \$42,475.00 | \$679,600.00 |
| 650-1-14 | VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W | 32.00 AS | \$997.00 | \$31,904.00 |
| 653-1-11 | PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY | 32.00 AS | \$608.00 | \$19,456.00 |
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 32.00 EA | \$323.25 | \$10,344.00 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 32.00 AS | \$1,061.00 | \$33,952.00 |
| 665-1-11 | PEDESTRIAN DETECTOR, F&I, STANDARD | 32.00 EA | \$238.25 | \$7,624.00 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 4.00 AS | \$29,000.00 | \$116,000.00 |
| 700-3-101 | SIGN PANEL, F&I GM, UP TO 12 SF | 16.00 EA | \$157.50 | \$2,520.00 |

Signalization 4

| | |
|--------------------|-------------------------------------|
| Description | Value |
| Type | 2 Lane Mast Arm |
| Multiplier | 3 |
| Description | Turnbull Bay Road T-Intersection |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|--|---------------|-------------|-----------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 2,400.00 LF | \$8.25 | \$19,800.00 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 600.00 LF | \$20.00 | \$12,000.00 |
| 632-7-1 | SIGNAL CABLE- NEW OR RECO, FUR & INSTALL | 3.00 PI | \$6,554.50 | \$19,663.50 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 36.00 EA | \$707.50 | \$25,470.00 |
| 639-1-112 | ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON | 3.00 AS | \$2,714.00 | \$8,142.00 |
| 639-2-1 | ELECTRICAL SERVICE WIRE, F&I | 180.00 LF | \$5.00 | \$900.00 |
| 649-21-4 | STEEL MAST ARM ASSEMBLY, F&I, 40'- 30' | 12.00 EA | \$42,475.00 | \$509,700.00 |
| 650-1-14 | VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W | 24.00 AS | \$997.00 | \$23,928.00 |
| 653-1-11 | PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY | 24.00 AS | \$608.00 | \$14,592.00 |

| | | | | |
|---------------------------------------|---------------------------------------|----------|-------------|-----------------------|
| 660-1-102 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2 | 24.00 EA | \$323.25 | \$7,758.00 |
| 660-2-106 | LOOP ASSEMBLY, F&I, TYPE F | 24.00 AS | \$1,061.00 | \$25,464.00 |
| 665-1-11 | PEDESTRIAN DETECTOR, F&I, STANDARD | 24.00 EA | \$238.25 | \$5,718.00 |
| 670-5-111 | TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT | 3.00 AS | \$29,000.00 | \$87,000.00 |
| 700-3-101 | SIGN PANEL, F&I GM, UP TO 12 SF | 12.00 EA | \$157.50 | \$1,890.00 |
| Signalizations Component Total | | | | \$3,079,371.00 |

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

EX-Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---|-----------------|---------------|--------------|---------------------|
| 1 | ITS - ALL ITEMS | 1.12 MI | \$150,000.00 | \$168,000.00 |
| Intelligent Traffic System (ITS) Component Total | | | | \$168,000.00 |

LIGHTING COMPONENT

Conventional Lighting Subcomponent

| Description | | | | Value |
|---------------------------------|---|---------------|------------|---------------------|
| Spacing | | | | MIN |
| Pay Items | | | | |
| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 5,918.88 LF | \$8.25 | \$48,830.76 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 1,174.81 LF | \$20.00 | \$23,496.20 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 40.00 EA | \$707.50 | \$28,300.00 |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 21,617.36 LF | \$1.75 | \$37,830.38 |
| 715-4-13 | LIGHT POLE COMPLETE, F&I-STD, 40' | 40.00 EA | \$5,500.50 | \$220,020.00 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 40.00 EA | \$558.75 | \$22,350.00 |
| Subcomponent Total | | | | \$380,827.34 |
| Lighting Component Total | | | | \$380,827.34 |

RETAINING WALLS COMPONENT

Retaining Wall 1

| Description | Value |
|--------------------|--------------|
| Length | 840.00 |
| Begin height | 8.00 |
| End Height | 8.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|-----------------------------------|---------------|------------|-----------------|
| 548-12 | RET WALL SYSTEM, PERM, EX BARRIER | 6,720.00 SF | \$29.15 | \$195,888.00 |

Retaining Wall 2

| Description | Value |
|--------------------|--------------|
|--------------------|--------------|

| | |
|--------------|--------|
| Length | 630.00 |
| Begin height | 8.00 |
| End Height | 8.00 |
| Multiplier | 1 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|-----------------------------------|----------|------|------------|-----------------|
| 548-12 | RET WALL SYSTEM, PERM, EX BARRIER | 5,040.00 | SF | \$29.15 | \$146,916.00 |

| | |
|--|---------------------|
| Retaining Walls Component Total | \$342,804.00 |
|--|---------------------|

| | |
|-------------------------|------------------------|
| Sequence 1 Total | \$11,586,574.57 |
|-------------------------|------------------------|

Sequence: 2NDU - New Construction, Divided, Urban**Net Length:** 0.064 MI
337 LF**Description:** Pioneer Trail Bridge at I-95**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 68.50 / 68.50 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.064 |
| Top of Structural Course For Begin Section | 105.00 |
| 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 |
| 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 | 1.06 | AC | \$10,000.00 | \$10,600.00 |
| Earthwork Component Total | | | | | \$10,600.00 |

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 |

Pavement Marking Subcomponent

| Description | Value |
|--|--------------|
| Include Thermo/Tape/Other | Y |
| Pavement Type | Concrete |
| Solid Stripe No. of Paint Applications | 0 |
| Solid Stripe No. of Stripes | 4 |
| Skip Stripe No. of Paint Applications | 0 |
| Skip Stripe No. of Stripes | 2 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------------|--|-----------------|-------------|-------------------|------------------------|
| 706-3 | RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS | 26.00 | EA | \$5.25 | \$136.50 |
| 711-16-101 | THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6" | 0.26 | GM | \$8,500.00 | \$2,210.00 |
| 711-16-131 | THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6" | 0.13 | GM | \$3,500.00 | \$455.00 |
| Roadway Component Total | | | | | \$2,801.50 |

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-----------------|--------------------|-----------------|-------------|-------------------|------------------------|
| 700-1-11 | | 2.00 | AS | \$348.00 | \$696.00 |

| | | | | |
|--------------------------------|--------------------------------------|---------|------------|--------------------|
| | SINGLE POST SIGN, F&I GM, <12 SF | | | |
| 700-1-12 | SINGLE POST SIGN, F&I GM, 12-20 SF | 1.00 AS | \$1,273.50 | \$1,273.50 |
| 700-2-15 | MULTI- POST SIGN, F&I GM, 51-100 SF | 1.00 AS | \$6,032.75 | \$6,032.75 |
| 700-2-16 | MULTI- POST SIGN, F&I GM, 101-200 SF | 1.00 AS | \$8,067.00 | \$8,067.00 |
| Signing Component Total | | | | \$16,069.25 |

LIGHTING COMPONENT

Conventional Lighting Subcomponent

| Description | | Value | | |
|---------------------------------|---|---------------|------------|--------------------|
| Spacing | | MIN | | |
| Pay Items | | | | |
| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 336.86 LF | \$8.25 | \$2,779.10 |
| 630-2-12 | CONDUIT, F& I, DIRECTIONAL BORE | 66.86 LF | \$20.00 | \$1,337.20 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 3.00 EA | \$707.50 | \$2,122.50 |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 1,230.32 LF | \$1.75 | \$2,153.06 |
| 715-4-13 | LIGHT POLE COMPLETE, F&I-STD, 40' | 3.00 EA | \$5,500.50 | \$16,501.50 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 3.00 EA | \$558.75 | \$1,676.25 |
| Subcomponent Total | | | | \$26,569.60 |
| Lighting Component Total | | | | \$26,569.61 |

BRIDGES COMPONENT

Bridge PION95

| Description | Value |
|-------------------------------------|-----------------------|
| Estimate Type | SF Estimate |
| Primary Estimate | YES |
| Length (LF) | 337.00 |
| Width (LF) | 137.00 |
| Type | Low Level |
| Cost Factor | 1.00 |
| Structure No. | |
| Removal of Existing Structures area | 11,655.00 |
| Default Cost per SF | \$135.00 |
| Factored Cost per SF | \$135.00 |
| Final Cost per SF | \$138.94 |
| Basic Bridge Cost | \$6,232,815.00 |
| Description | PIONEER TRAIL AT I-95 |

Bridge Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------------------------|--|---------------|------------|-----------------------|
| 110-3 | REMOVAL OF EXISTING STRUCTURES/BRIDGES | 11,655.00 SF | \$20.00 | \$233,100.00 |
| 400-2-10 | CONC CLASS II, APPROACH SLABS | 304.44 CY | \$422.75 | \$128,702.01 |
| 415-1-9 | REINF STEEL- APPROACH SLABS | 53,277.00 LB | \$1.00 | \$53,277.00 |
| Bridge PION95 Total | | | | \$6,647,894.01 |

| | |
|--------------------------------|----------------|
| Bridges Component Total | \$6,647,894.01 |
| <hr/> | |
| Sequence 2 Total | \$6,703,934.37 |
| <hr/> | |

Sequence: 3NUR - New Construction, Undivided, Rural**Net Length:** 1.392 MI
7,350 LF**Description:** Ramps (one lane sections). This sequence includes all retention basins.**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 | 1.390 |
| Top of Structural Course For Begin Section | 105.00 |
| 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 | 23.62 | AC | \$10,000.00 | \$236,200.00 |
| 120-6 | EMBANKMENT | 37,834.94 | CY | \$9.00 | \$340,514.46 |
| Earthwork Component Total | | | | | \$576,714.46 |

ROADWAY COMPONENT**User Input Data**

| Description | Value |
|-----------------------------|--------------|
| Number of Lanes | 1 |
| Roadway Pavement Width L/R | 15.00 / 0.00 |
| 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 | 22,049.28 | SY | \$4.50 | \$99,221.76 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 12,519.09 | SY | \$16.50 | \$206,564.98 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 1,684.32 | TN | \$97.00 | \$163,379.04 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 1,010.59 | TN | \$120.00 | \$121,270.80 |

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 | 2 |
| Skip Stripe No. of Paint Applications | 2 |
| Skip Stripe No. of Stripes | 0 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|------------|---|----------|------|------------|-----------------|
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 5.57 | GM | \$1,144.50 | \$6,374.87 |

Roadway Component Total**\$596,811.46**

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 | 110 |
| Friction Course Spread Rate | 165 |
| Total Width (T) / 8" Overlap (O) | T |
| Rumble Strips $\frac{1}{2}$ No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 5,438.82 | SY | \$18.50 | \$100,618.17 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 269.49 | TN | \$97.00 | \$26,140.53 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 404.24 | TN | \$120.00 | \$48,508.80 |
| 570-1-1 | PERFORMANCE TURF | 4,899.84 | SY | \$1.75 | \$8,574.72 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|--|-----------|------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 19,109.38 | LF | \$1.50 | \$28,664.07 |
| 104-11 | FLOATING TURBIDITY BARRIER | 348.00 | LF | \$9.50 | \$3,306.00 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 348.00 | LF | \$6.25 | \$2,175.00 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 2.00 | EA | \$2,294.00 | \$4,588.00 |
| 107-1 | LITTER REMOVAL | 16.87 | AC | \$44.00 | \$742.28 |
| 107-2 | MOWING | 16.87 | AC | \$66.50 | \$1,121.86 |

Shoulder Component Total

\$224,439.43

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 25.06 | CY | \$1,800.00 | \$45,108.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 1,120.00 | LF | \$89.75 | \$100,520.00 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 240.00 | LF | \$164.00 | \$39,360.00 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 56.00 | EA | \$1,453.00 | \$81,368.00 |
| 570-1-1 | PERFORMANCE TURF | 979.97 | SY | \$1.75 | \$1,714.95 |

Retention Basin 1

| Description | Value |
|-------------|----------------------------|
| Size | 2 AC |
| Multiplier | 1 |
| Depth | 8.00 |
| Description | NW quadrant of interchange |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---------------------|-----------|------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.00 | AC | \$10,000.00 | \$20,000.00 |
| 120-1 | REGULAR EXCAVATION | 25,813.33 | CY | \$8.50 | \$219,413.30 |

| | | | | |
|-------------|---|-------------|------------|-------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 CY | \$1,800.00 | \$32,400.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 EA | \$4,129.25 | \$4,129.25 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 EA | \$6,688.75 | \$6,688.75 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 LF | \$155.50 | \$8,708.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 LF | \$336.50 | \$67,300.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,180.00 LF | \$28.00 | \$33,040.00 |
| 550-60-234 | FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN | 1.00 EA | \$2,102.25 | \$2,102.25 |
| 570-1-1 | PERFORMANCE TURF | 9,680.00 SY | \$1.75 | \$16,940.00 |

Retention Basin 2

| | |
|--------------------|----------------------------|
| Description | Value |
| Size | 2 AC |
| Multiplier | 1 |
| Depth | 8.00 |
| Description | SW quadrant of interchange |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|---|-----------|------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.00 | AC | \$10,000.00 | \$20,000.00 |
| 120-1 | REGULAR EXCAVATION | 25,813.33 | CY | \$8.50 | \$219,413.30 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$1,800.00 | \$32,400.00 |
| 425-1-541 | INLETS, DT BOT, TYPE D, <10' | 1.00 | EA | \$4,129.25 | \$4,129.25 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 | EA | \$6,688.75 | \$6,688.75 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 | LF | \$155.50 | \$8,708.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 | LF | \$336.50 | \$67,300.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,180.00 | LF | \$28.00 | \$33,040.00 |
| 550-60-234 | FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN | 1.00 | EA | \$2,102.25 | \$2,102.25 |
| 570-1-1 | PERFORMANCE TURF | 9,680.00 | SY | \$1.75 | \$16,940.00 |

Retention Basin 3

| | |
|--------------------|----------------------------|
| Description | Value |
| Size | 2.5 AC |
| Multiplier | 1 |
| Depth | 8.00 |
| Description | NE quadrant of interchange |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|---|-----------|------|-------------|-----------------|
| 110-1-1 | CLEARING & GRUBBING | 2.50 | AC | \$10,000.00 | \$25,000.00 |
| 120-1 | REGULAR EXCAVATION | 32,266.67 | CY | \$8.50 | \$274,266.70 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 | CY | \$1,800.00 | \$32,400.00 |
| 425-1-361 | INLETS, CURB, TYPE P-6, <10' | 1.00 | EA | \$5,548.75 | \$5,548.75 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 | EA | \$6,688.75 | \$6,688.75 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 | LF | \$155.50 | \$8,708.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 | LF | \$336.50 | \$67,300.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,335.00 | LF | \$28.00 | \$37,380.00 |
| 550-60-234 | FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN | 1.00 | EA | \$2,102.25 | \$2,102.25 |
| 570-1-1 | PERFORMANCE TURF | 12,100.00 | SY | \$1.75 | \$21,175.00 |

Retention Basin 4

| | |
|--------------------|----------------------------|
| Description | Value |
| Size | 2.5 AC |
| Multiplier | 1 |
| Depth | 8.00 |
| Description | SE quadrant of interchange |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------------------|-------------------|------------------------|
| 110-1-1 | CLEARING & GRUBBING | 2.50 AC | \$10,000.00 | \$25,000.00 |
| 120-1 | REGULAR EXCAVATION | 32,266.67 CY | \$8.50 | \$274,266.70 |
| 400-2-2 | CONC CLASS II, ENDWALLS | 18.00 CY | \$1,800.00 | \$32,400.00 |
| 425-1-361 | INLETS, CURB, TYPE P-6, <10' | 1.00 EA | \$5,548.75 | \$5,548.75 |
| 425-2-71 | MANHOLES, J-7, <10' | 1.00 EA | \$6,688.75 | \$6,688.75 |
| 430-175-142 | PIPE CULV, OPT MATL, ROUND, 42"S/CD | 56.00 LF | \$155.50 | \$8,708.00 |
| 430-175-160 | PIPE CULV, OPT MATL, ROUND, 60"S/CD | 200.00 LF | \$336.50 | \$67,300.00 |
| 550-10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | 1,335.00 LF | \$28.00 | \$37,380.00 |
| 550-60-234 | FENCE GATE, TYP B, SLIDE/CANT, 18.1-20' OPEN | 1.00 EA | \$2,102.25 | \$2,102.25 |
| 570-1-1 | PERFORMANCE TURF | 12,100.00 SY | \$1.75 | \$21,175.00 |
| Drainage Component Total | | | | \$2,050,652.97 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|------------------------------------|----------------------|-------------------|------------------------|
| 700-1-11 | SINGLE POST SIGN, F&I GM, <12 SF | 3.00 AS | \$348.00 | \$1,044.00 |
| 700-1-12 | SINGLE POST SIGN, F&I GM, 12-20 SF | 28.00 AS | \$1,273.50 | \$35,658.00 |
| 700-2-14 | MULTI- POST SIGN, F&I GM, 31-50 SF | 3.00 AS | \$4,544.50 | \$13,633.50 |
| Signing Component Total | | | | \$50,335.50 |

LIGHTING COMPONENT

Rural Lighting Subcomponent

| | |
|------------------------------|--------------|
| Description | Value |
| Multiplier (Number of Poles) | 30 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|---|----------------------|-------------------|------------------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 6,000.00 LF | \$8.25 | \$49,500.00 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 30.00 EA | \$707.50 | \$21,225.00 |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 18,000.00 LF | \$1.75 | \$31,500.00 |
| 715-4-14 | LIGHT POLE COMPLETE, F&I-STD, 45' | 30.00 EA | \$6,367.75 | \$191,032.50 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 30.00 EA | \$558.75 | \$16,762.50 |
| Subcomponent Total | | | | \$310,020.00 |
| Lighting Component Total | | | | \$310,020.00 |

Sequence 3 Total

\$3,808,973.82

Sequence: 4 NUR - New Construction, Undivided, Rural**Net Length:** 0.527 MI
2,780 LF**Description:** Ramps (two lane sections)**EARTHWORK COMPONENT****User Input Data**

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 80.00 / 80.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.530 |
| Top of Structural Course For Begin Section | 105.00 |
| 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 | 10.20 | AC | \$10,000.00 | \$102,000.00 |
| 120-6 | EMBANKMENT | 29,268.15 | CY | \$9.00 | \$263,413.35 |
| Earthwork Component Total | | | | | \$365,413.35 |

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 | 165 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|-----------|------|------------|-----------------|
| 160-4 | TYPE B STABILIZATION | 14,208.48 | SY | \$4.50 | \$63,938.16 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 7,616.98 | SY | \$16.50 | \$125,680.17 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 1,019.30 | TN | \$97.00 | \$98,872.10 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 611.58 | TN | \$120.00 | \$73,389.60 |

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 | 2 |
| Skip Stripe No. of Paint Applications | 2 |
| Skip Stripe No. of Stripes | 1 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|------------|---|----------|------|------------|-----------------|
| 706-3 | RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS | 71.00 | EA | \$5.25 | \$372.75 |
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 2.11 | GM | \$1,144.50 | \$2,414.90 |
| 710-11-231 | | 1.05 | GM | \$597.00 | \$626.85 |

PAINTED PAVT
MARK,STD,YELLOW,SKIP,6"

Roadway Component Total

\$365,294.53

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 10.00 / 12.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 0.00 / 2.00 |
| Paved Outside Shoulder Width L/R | 6.00 / 10.00 |
| Structural Spread Rate | 110 |
| Friction Course Spread Rate | 165 |
| Total Width (T) / 8" Overlap (O) | T |
| Rumble Strips 1/2 No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 5,145.94 | SY | \$18.50 | \$95,199.89 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 271.81 | TN | \$97.00 | \$26,365.57 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 407.72 | TN | \$120.00 | \$48,926.40 |
| 570-1-1 | PERFORMANCE TURF | 617.76 | SY | \$1.75 | \$1,081.08 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|--|----------|------|------------|-----------------|
| 104-10-3 | SEDIMENT BARRIER | 7,227.79 | LF | \$1.50 | \$10,841.68 |
| 104-11 | FLOATING TURBIDITY BARRIER | 131.62 | LF | \$9.50 | \$1,250.39 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 131.62 | LF | \$6.25 | \$822.62 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 | EA | \$2,294.00 | \$2,294.00 |
| 107-1 | LITTER REMOVAL | 6.38 | AC | \$44.00 | \$280.72 |
| 107-2 | MOWING | 6.38 | AC | \$66.50 | \$424.27 |

Shoulder Component Total

\$187,486.64

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|-------------|--|----------|------|------------|-----------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 9.48 | CY | \$1,800.00 | \$17,064.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 424.00 | LF | \$89.75 | \$38,054.00 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 96.00 | LF | \$164.00 | \$15,744.00 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 22.00 | EA | \$1,453.00 | \$31,966.00 |
| 570-1-1 | PERFORMANCE TURF | 370.66 | SY | \$1.75 | \$648.66 |

Drainage Component Total

\$103,476.66

SIGNING COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|-------------------------------------|----------|------|------------|-----------------|
| 700-1-11 | SINGLE POST SIGN, F&I GM, <12 SF | 2.00 | AS | \$348.00 | \$696.00 |

| | | | | |
|--------------------------------|---------------------------------------|----------|------------|--------------------|
| 700-1-12 | SINGLE POST SIGN, F&I GM, 12-20 SF | 11.00 AS | \$1,273.50 | \$14,008.50 |
| 700-2-14 | MULTI- POST SIGN, F&I GM, 31-50 SF | 2.00 AS | \$4,544.50 | \$9,089.00 |
| Signing Component Total | | | | \$23,793.50 |

LIGHTING COMPONENT**Rural Lighting Subcomponent****Description****Value**

Multiplier (Number of Poles)

11

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------------------|-------------------|------------------------|
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 2,200.00 LF | \$8.25 | \$18,150.00 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 11.00 EA | \$707.50 | \$7,782.50 |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 6,600.00 LF | \$1.75 | \$11,550.00 |
| 715-4-14 | LIGHT POLE COMPLETE, F&I- STD, 45' | 11.00 EA | \$6,367.75 | \$70,045.25 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 11.00 EA | \$558.75 | \$6,146.25 |
| Subcomponent Total | | | | \$113,674.00 |
| Lighting Component Total | | | | \$113,674.00 |

Sequence 4 Total**\$1,159,138.68**

Sequence: 5NUR - New Construction, Undivided, Rural

Net Length: 0.250 MI
1,320 LF

Description: Ramps (three lane sections)

EARTHWORK COMPONENT

User Input Data

| Description | Value |
|--|-----------------|
| Standard Clearing and Grubbing Limits L/R | 90.00 / 90.00 |
| Incidental Clearing and Grubbing Area | 0.00 |
| Alignment Number | 1 |
| Distance | 0.250 |
| Top of Structural Course For Begin Section | 105.00 |
| 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 | 5.45 | AC | \$10,000.00 | \$54,500.00 |
| 120-6 | EMBANKMENT | 15,523.69 | CY | \$9.00 | \$139,713.21 |
| Earthwork Component Total | | | | | \$194,213.21 |

ROADWAY COMPONENT

User Input Data

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 3 |
| Roadway Pavement Width L/R | 18.00 / 18.00 |
| 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 | 8,506.67 | SY | \$4.50 | \$38,280.02 |
| 285-709 | OPTIONAL BASE,BASE GROUP 09 | 5,376.80 | SY | \$16.50 | \$88,717.20 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 726.00 | TN | \$97.00 | \$70,422.00 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 435.60 | TN | \$120.00 | \$52,272.00 |

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 | 2 |
| 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/RAISED PAVEMENT MARKERS | 135.00 | EA | \$5.25 | \$708.75 |

| | | | | |
|--------------------------------|---|---------|------------|---------------------|
| 710-11-101 | PAINTED PAVT MARK,STD,WHITE,SOLID,6" | 1.00 GM | \$1,144.50 | \$1,144.50 |
| 710-11-231 | PAINTED PAVT MARK,STD,YELLOW,SKIP,6" | 1.00 GM | \$597.00 | \$597.00 |
| Roadway Component Total | | | | \$252,141.47 |

SHOULDER COMPONENT**User Input Data**

| Description | Value |
|---|---------------|
| Total Outside Shoulder Width L/R | 12.00 / 10.00 |
| Total Outside Shoulder Perf. Turf Width L/R | 2.00 / 0.00 |
| Paved Outside Shoulder Width L/R | 10.00 / 6.00 |
| Structural Spread Rate | 110 |
| Friction Course Spread Rate | 165 |
| Total Width (T) / 8" Overlap (O) | T |
| Rumble Strips $\frac{1}{2}$ No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|----------|---|----------|------|------------|-----------------|
| 285-704 | OPTIONAL BASE,BASE GROUP 04 | 2,443.47 | SY | \$18.50 | \$45,204.20 |
| 334-1-13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | 129.07 | TN | \$97.00 | \$12,519.79 |
| 337-7-83 | ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22 | 193.60 | TN | \$120.00 | \$23,232.00 |
| 570-1-1 | PERFORMANCE TURF | 293.33 | SY | \$1.75 | \$513.33 |

Erosion Control**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------|------|------------|--------------------|
| 104-10-3 | SEDIMENT BARRIER | 3,432.00 | LF | \$1.50 | \$5,148.00 |
| 104-11 | FLOATING TURBIDITY BARRIER | 62.50 | LF | \$9.50 | \$593.75 |
| 104-12 | STAKED TURBIDITY BARRIER- NYL REINF PVC | 62.50 | LF | \$6.25 | \$390.62 |
| 104-15 | SOIL TRACKING PREVENTION DEVICE | 1.00 | EA | \$2,294.00 | \$2,294.00 |
| 107-1 | LITTER REMOVAL | 3.03 | AC | \$44.00 | \$133.32 |
| 107-2 | MOWING | 3.03 | AC | \$66.50 | \$201.50 |
| Shoulder Component Total | | | | | \$90,230.52 |

DRAINAGE COMPONENT**Pay Items**

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|---------------------------------|--|----------|------|------------|--------------------|
| 400-2-2 | CONC CLASS II, ENDWALLS | 4.50 | CY | \$1,800.00 | \$8,100.00 |
| 430-174-124 | PIPE CULV, OPT MATL, ROUND,24"SD | 200.00 | LF | \$89.75 | \$17,950.00 |
| 430-175-136 | PIPE CULV, OPT MATL, ROUND, 36"S/CD | 48.00 | LF | \$164.00 | \$7,872.00 |
| 430-984-129 | MITERED END SECT, OPTIONAL RD, 24" SD | 10.00 | EA | \$1,453.00 | \$14,530.00 |
| 570-1-1 | PERFORMANCE TURF | 176.00 | SY | \$1.75 | \$308.00 |
| Drainage Component Total | | | | | \$48,760.00 |

SIGNING COMPONENT

Pay Items

| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
|--------------------------------|------------------------------------|----------|------|------------|--------------------|
| 700-1-11 | SINGLE POST SIGN, F&I GM, <12 SF | 1.00 | AS | \$348.00 | \$348.00 |
| 700-1-12 | SINGLE POST SIGN, F&I GM, 12-20 SF | 5.00 | AS | \$1,273.50 | \$6,367.50 |
| 700-2-14 | MULTI- POST SIGN, F&I GM, 31-50 SF | 1.00 | AS | \$4,544.50 | \$4,544.50 |
| Signing Component Total | | | | | \$11,260.00 |

LIGHTING COMPONENT**Rural Lighting Subcomponent**

| Description | | | | | Value |
|---------------------------------|---|----------|------|------------|---------------------|
| Multiplier (Number of Poles) | | | | | 6 |
| Pay Items | | | | | |
| Pay item | Description | Quantity | Unit | Unit Price | Extended Amount |
| 630-2-11 | CONDUIT, F& I, OPEN TRENCH | 1,200.00 | LF | \$8.25 | \$9,900.00 |
| 635-2-11 | PULL & SPLICE BOX, F&I, 13" x 24" | 6.00 | EA | \$707.50 | \$4,245.00 |
| 715-1-13 | LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2 | 3,600.00 | LF | \$1.75 | \$6,300.00 |
| 715-4-14 | LIGHT POLE COMPLETE, F&I-STD, 45' | 6.00 | EA | \$6,367.75 | \$38,206.50 |
| 715-500-1 | POLE CABLE DIST SYS, CONVENTIONAL | 6.00 | EA | \$558.75 | \$3,352.50 |
| Subcomponent Total | | | | | \$62,004.00 |
| Lighting Component Total | | | | | \$62,004.00 |
| Sequence 5 Total | | | | | \$658,609.20 |

Sequence: 6 RSD - Resurfacing, Divided**Net Length:** 1.383 MI
7,300 LF**Description:** I-95 Milling & Resurfacing**ROADWAY COMPONENT****User Input Data**

| Description | Value |
|-----------------------------|---------------|
| Number of Lanes | 6 |
| Roadway Pavement Width L/R | 36.00 / 36.00 |
| Structural Spread Rate | 0 |
| Friction Course Spread Rate | 80 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-----------|---|---------------|------------|-----------------|
| 327-70-19 | MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH | 58,401.02 SY | \$3.03 | \$176,955.09 |
| 337-7-25 | ASPH CONC FC,INC BIT,FC-5,PG76-22 | 2,336.04 TN | \$156.53 | \$365,660.34 |

Pavement Marking Subcomponent

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

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|------------|--|---------------|------------|-----------------|
| 706-1-1 | RAISED PAVMT MARK, TYPE B W/O FINAL SURF | 933.00 EA | \$6.06 | \$5,653.98 |
| 711-15-101 | THERMOPLASTIC, STD-OP, WHITE, SOLID, 6" | 5.53 GM | \$4,654.30 | \$25,738.28 |
| 711-15-131 | THERMOPLASTIC, STD-OP, WHITE, SKIP, 6" | 5.53 GM | \$1,551.97 | \$8,582.39 |
| 711-15-201 | THERMOPLASTIC, STD-OP, YELLOW, SOLID, 6" | 5.53 GM | \$4,601.64 | \$25,447.07 |

Roadway Component Total \$608,037.15**SHOULDER COMPONENT****User Input Data**

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

Erosion Control**Pay Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|----------|--|---------------|------------|-----------------|
| 104-11 | FLOATING TURBIDITY BARRIER | 138.26 LF | \$9.50 | \$1,313.47 |
| 104-12 | STAKED TURBIDITY BARRIER-NYL REINF PVC | 138.26 LF | \$6.25 | \$864.12 |
| 107-1 | LITTER REMOVAL | 10.05 AC | \$44.00 | \$442.20 |
| 107-2 | MOWING | 10.05 AC | \$66.50 | \$668.32 |

Shoulder Component Total

\$3,288.13

MEDIAN COMPONENT**User Input Data**

| Description | Value |
|----------------------------------|--------------|
| Total Median Width | 40.00 |
| Performance Turf Width | 5.34 |
| Total Median Shoulder Width L/R | 8.00 / 8.00 |
| Paved Median Shoulder Width L/R | 0.00 / 0.00 |
| Structural Spread Rate | 110 |
| Friction Course Spread Rate | 80 |
| Total Width (T) / 8" Overlap (O) | T |
| Rumble Strips 1/2 No. of Sides | 0 |

Pay Items

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|-------------------------------|--------------------|----------------------|-------------------|------------------------|
| 570-1-1 | PERFORMANCE TURF | 4,331.41 SY | \$1.75 | \$7,579.97 |
| Median Component Total | | | | \$7,579.97 |

SIGNING COMPONENT**X-Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|--------------------------------|---------------------------------------|----------------------|-------------------|------------------------|
| 700-2-16 | MULTI- POST SIGN, F&I GM, 101-200 SF | 5.00 AS | \$8,067.00 | \$40,335.00 |
| 700-3-207 | SIGN PANEL, F&I OM, 201-300 SF | 5.00 EA | \$7,729.79 | \$38,648.95 |
| 700-4-114 | OH STATIC SIGN STR, F&I, C 41-50 FT | 5.00 EA | \$85,759.38 | \$428,796.90 |
| 700-9-117 | WALK-IN DYN MESS SIGN,F&I, MONO,201- | 1.00 EA | \$75,000.00 | \$75,000.00 |
| 700-9-600 | WALK-IN DYN MESS SIGN, REMOVE | 1.00 EA | \$1,693.93 | \$1,693.93 |
| 700-10-124 | DMS SUPPORT STRUCTURE, CANT, 41-50 FT | 1.00 EA | \$81,378.36 | \$81,378.36 |
| 700-10-600 | DMS SUPPORT STRUCTURE, REMOVE | 1.00 EA | \$6,759.20 | \$6,759.20 |
| Signing Component Total | | | | \$672,612.34 |

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT**Description of Work****EX-Items**

| Pay item | Description | Quantity Unit | Unit Price | Extended Amount |
|---|--------------------|----------------------|-------------------|------------------------|
| 1 | ITS - ALL ITEMS | 1.38 MI | \$150,000.00 | \$207,000.00 |
| Intelligent Traffic System (ITS) Component Total | | | | \$207,000.00 |

Sequence 6 Total

\$1,498,517.59

Date: 2/11/2020 2:45:25 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 436292-1-22-01

Letting Date: 01/2099

Description: I-95 INTERCHANGE AT PIONEER TRAIL

District: 05

County: 79 VOLUSIA

Market Area: 06

Units: English

Contract Class: 1 Lump Sum Project: N

Design/Build: N

Project Length: 2.000 MI

Project Manager: HJG

Version 8 Project Grand Total

\$33,654,055.95

Description: I-95 INTERCHANGE AT PIONEER TRAIL - Alternative 1 - Diamond Interchange (Updated by KNSTERR on 02/11/2020)

Project Sequences Subtotal **\$25,415,748.23**

| | | | |
|-------|------------------------|---------|----------------|
| 102-1 | Maintenance of Traffic | 12.00 % | \$3,049,889.79 |
| 101-1 | Mobilization | 10.00 % | \$2,846,563.80 |

Project Sequences Total **\$31,312,201.82**

| | | |
|------------------|--------|----------------|
| Project Unknowns | 7.00 % | \$2,191,854.13 |
| 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 8 Project Grand Total

\$33,654,055.95