

Date: 10/16/2025 8:55:50 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 454217-1-52-01

Letting Date: 01/2099

Description: SR 5 (US 1) Resurfacing from SR 50 (Cheney Hwy) to SR 406 (Garden St), MP 0.000 to MP 4.117 & MP 35.686 to MP 35.699

District: 05 County: 70 BREVARD

Market Area: 08 Units: English

Contract Class: Lump Sum Project: N

Design/Build: N Project Length: 4.130 MI

Project Manager: HNTB/CB/RX

Version 7 Project Grand Total

\$16,663,415.96

Description: SR 5 (US 1) from SR 50 (Cheney Hwy) to SR 406 (MP 0.000 to MP 4.117 & MP 35.686 to MP 35.699). (HNTB Created 6/9/25, Updated 10/16/2025).

Sequence: 1 RSD - Resurfacing, Divided

Net Length: 1.788 MI
9,441 LF

Description: SR 5 (US 1) from SR 50 (Cheney Hwy) to Alhambra St (MP 0.000 to MP 1.775, 35.686 to MP 35.699). Includes intersection lighting retrofit for 4 signals.

EARTHWORK COMPONENT

User Input Data

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

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.16	AC	\$72,807.33	\$84,456.50
Earthwork Component Total					\$84,456.50

ROADWAY COMPONENT

User Input Data

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

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	50,350.08	SY	\$3.37	\$169,679.77
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	4,153.88	TN	\$165.76	\$688,547.15
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	4,153.88	TN	\$168.01	\$697,893.38

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.11	AC	\$72,807.33	\$8,008.81

	Comment: Guardrail replacement and minor widening at SR 50, median modifications at several intersections			
110-4-10	REMOVAL OF EXIST CONC	294.00 SY	\$47.36	\$13,923.84
	Comment: 10 curb ramp reconstructions for ADA in-kind (134 SY). 10 curb ramps for ADA reconstruction with additional impacts (160 SY).			
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	2,518.00 SY	\$4.57	\$11,507.26
	Comment: Deeper rehab for 5% of project. 50,350.08 x .05 = 2,518 SY			
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	9,974.00 SY	\$3.37	\$33,612.38
	Comment: 34 turn lanes x 11-ft (avg) x 240-ft long (avg) = 9,974 SY			
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	962.00 TN	\$165.76	\$159,461.12
	Comment: 1" for deeper rehab for 5% of project (2,518 x 110 / 2000 = 139 TN) 1.5" for 34 turn lanes (9974 x 165 /2000 = 823 TN)			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	823.00 TN	\$168.01	\$138,272.23
	Comment: 1.5" for 34 turn lanes (9974 x 165 /2000 = 823 TN)			
339-1	MISCELLANEOUS ASPHALT PAVEMENT	5.03 TN	\$472.69	\$2,377.63
	Comment: For new guardrail at MP 35.643 RT			
520-1-10	CONCRETE CURB & GUTTER, TYPE F	455.00 LF	\$57.91	\$26,349.05
	Comment: 20 curb ramps for ADA reconstruction, 18LF per ramp = 360 LF plus additional 95LF at SR 50			
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	40.00 SY	\$96.03	\$3,841.20
	Comment: Sidewalk impacts due to ADA ramp reconstruction			
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	200.00 SY	\$125.79	\$25,158.00
	Comment: 20 curb ramps for ADA reconstruction (20 x 10SY each = 200 SY)			
527-2	DETECTABLE WARNINGS	300.00 SF	\$42.45	\$12,735.00
	Comment: curb ramp replacement at 12 sf per ramp, 20 x 12 = 240 SF 5 curb ramps missing DWS = 5 x 12 = 60			
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	100.00 LF	\$28.24	\$2,824.00
	Comment: Guardrail replacement at MP 35.643 RT			
536-8-112	GUARDRA CONN TO RIGID BA, F&I, N APPR 3	1.00 EA	\$4,212.21	\$4,212.21
	Comment: MP 35.643 RT			
536-73	GUARDRAIL REMOVAL	65.00 LF	\$2.81	\$182.65
	Comment: Guardrail removal at MP 35.643 RT			
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	1.00 EA	\$3,694.22	\$3,694.22
	Comment: MP 35.643 RT			
570-1-2	PERFORMANCE TURF, SOD	90.00 SY	\$6.32	\$568.80
	Comment: ADA curb ramp reconstruction			
710-11-123	PAINTED PAVT MARK,STD,WHITE,SOLID, 12"	2,298.00 LF	\$1.61	\$3,699.78
710-11-125	PAINTED PAVT MARK,STD,WHITE,SOLID,24"	2,805.00 LF	\$2.79	\$7,825.95
710-11-170	PAINTED PAVT MARK,STD,WHITE, ARROWS	61.00 EA	\$45.32	\$2,764.52

710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	7.15 GM	\$1,554.57	\$11,115.18
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	2,298.00 LF	\$4.03	\$9,260.94
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	2,805.00 LF	\$8.01	\$22,468.05
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	61.00 EA	\$98.63	\$6,016.43

Turnouts/Crossovers Subcomponent

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

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	2,517.50 SY	\$3.37	\$8,483.98
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	207.69 TN	\$165.76	\$34,426.69
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	207.69 TN	\$168.01	\$34,894.00

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	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	724.00 EA	\$4.90	\$3,547.60
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	7.15 GM	\$1,582.52	\$11,315.02
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	3.58 GM	\$675.61	\$2,418.68
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	7.15 GM	\$5,993.07	\$42,850.45
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	3.58 GM	\$2,046.14	\$7,325.18
711-16-201	THERMOPLASTIC, STD- OTH,YELLOW, SOLID, 6"	7.15 GM	\$5,966.96	\$42,663.76

Roadway Component Total

\$2,253,924.91

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	0
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
327-70-6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	8,391.68	SY	\$4.65	\$39,021.31
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	692.31	TN	\$168.01	\$116,315.00
570-1-2	PERFORMANCE TURF, SOD	5,601.45	SY	\$6.32	\$35,401.16

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION Comment: Shoulder widening at SR 50	72.00	SY	\$27.45	\$1,976.40
285-701	OPTIONAL BASE, BASE GROUP 01 Comment: Shoulder widening at SR 50	34.00	SY	\$34.40	\$1,169.60
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C Comment: Shoulder widening at SR 50, 33.72 SY x 165/2000 = 2.79 TN	2.79	TN	\$179.40	\$500.53
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22 Comment: Shoulder widening at SR 50, 33.72 SY x 165/2000 = 2.79 TN	2.79	TN	\$168.01	\$468.75
570-1-2	PERFORMANCE TURF, SOD Comment: Shoulder widening at SR 50 (17 SY). 15% of shoulder rework (1.788*5280*0.15)*(10ft-2.67ft)/9= 1154 SY	1,171.00	SY	\$6.32	\$7,400.72

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,600.00	LF	\$3.37	\$8,762.00
104-11	FLOATING TURBIDITY BARRIER	500.00	LF	\$17.58	\$8,790.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	250.00	LF	\$8.79	\$2,197.50
104-18	INLET PROTECTION SYSTEM	50.00	EA	\$190.82	\$9,541.00
107-1	LITTER REMOVAL	13.00	AC	\$58.47	\$760.11
107-2	MOWING	13.00	AC	\$88.83	\$1,154.79

Shoulder Component Total

\$233,458.87

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	40.00
Performance Turf Width	0.00
Total Median Shoulder Width L/R	0.00 / 0.00
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

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-12	TRAF SEP CONC-TYPE I, 6' WIDE	33.00	LF	\$154.01	\$5,082.33
Median Component Total					\$5,082.33

DRAINAGE COMPONENT**X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-441	INLETS, CURB, TYPE J-4, <10'	1.00	EA	\$19,408.48	\$19,408.48
425-82	REPLACE GRATE	17.00	EA	\$1,971.00	\$33,507.00
430-175-118	PIPE CULV, OPT MATL, ROUND, 18"S/CD	8.00	LF	\$270.74	\$2,165.92
Drainage Component Total					\$55,081.40

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	36.00	EA	\$588.42	\$21,183.12
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	33.00	EA	\$2,035.52	\$67,172.16
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	4.00	EA	\$370.98	\$1,483.92
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	29.00	EA	\$52.25	\$1,515.25
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	9.00	EA	\$7,674.12	\$69,067.08
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	1.00	EA	\$1,528.94	\$1,528.94
Signing Component Total					\$161,950.47

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	SR 50 intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	6.00	EA	\$1,756.63	\$10,539.78
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	2.00	EA	\$3,317.06	\$6,634.12
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	2.00	AS	\$1,110.96	\$2,221.92
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	5.00	AS	\$2,002.41	\$10,012.05
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	2.00	EA	\$441.41	\$882.82

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	2.00	EA	\$491.78	\$983.56
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00	AS	\$1,519.73	\$6,078.92

Signalization 2

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Knox McRae intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00	EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	6.00	EA	\$3,317.06	\$19,902.36
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	6.00	AS	\$1,110.96	\$6,665.76
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	3.00	AS	\$2,002.41	\$6,007.23
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	6.00	EA	\$441.41	\$2,648.46

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	3.00	EA	\$491.78	\$1,475.34
650-2-102	VEHIC SIGNAL AUX, REP/RETROFIT- F&I, BAC	7.00	EA	\$598.26	\$4,187.82
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00	AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM- VIDEO, CABINET	1.00	EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM- VIDEO, ABOVE G	3.00	EA	\$8,590.90	\$25,772.70
660-4-60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	3.00	EA	\$724.29	\$2,172.87
660-9-11	TRAFFIC DATA DETECT SYS- VIDEO, F&I, CAB	1.00	EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS- VIDEO, F&I, ABO	3.00	EA	\$11,742.91	\$35,228.73
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00	EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00	EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Signalization 3

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Olmstead intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	8.00	EA	\$1,756.63	\$14,053.04
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00	EA	\$3,317.06	\$26,536.48
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	\$1,110.96	\$8,887.68
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	6.00	AS	\$2,002.41	\$12,014.46
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	\$441.41	\$3,531.28

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	2.00	EA	\$491.78	\$983.56
650-1-16	VEH TRAF SIGNAL, F&I ALUMINUM, 4 S 1 W	2.00	AS	\$2,254.63	\$4,509.26
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	8.00	EA	\$680.70	\$5,445.60
653-1-60	PEDESTRIAN SIGNAL, REMOVE	2.00	AS	\$194.10	\$388.20
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00	AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	4.00	EA	\$8,590.90	\$34,363.60
660-4-60	VEHICLE DETECTION SYSTEM-VIDEO, REMOVE	4.00	EA	\$724.29	\$2,897.16
660-9-11	TRAFFIC DATA DETECT SYS-VIDEO, F&I, CAB	1.00	EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS-VIDEO, F&I, ABO	4.00	EA	\$11,742.91	\$46,971.64
665-1-60	PEDESTRIAN DETECTOR, REMOVE	2.00	EA	\$70.87	\$141.74
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00	EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00	EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Signalization 4

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Country Club Dr intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00	EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	6.00	EA	\$3,317.06	\$19,902.36

653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	6.00 AS	\$1,110.96	\$6,665.76
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	3.00 AS	\$2,002.41	\$6,007.23
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	6.00 EA	\$441.41	\$2,648.46

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	2.00	EA	\$491.78	\$983.56
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	7.00	EA	\$680.70	\$4,764.90
653-1-60	PEDESTRIAN SIGNAL, REMOVE	1.00	AS	\$194.10	\$194.10
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00	AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	3.00	EA	\$8,590.90	\$25,772.70
660-4-60	VEHICLE DETECTION SYSTEM-VIDEO, REMOVE	3.00	EA	\$724.29	\$2,172.87
660-9-11	TRAFFIC DATA DETECT SYS-VIDEO, F&I, CAB	1.00	EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS-VIDEO, F&I, ABO	3.00	EA	\$11,742.91	\$35,228.73
665-1-60	PEDESTRIAN DETECTOR, REMOVE	1.00	EA	\$70.87	\$70.87
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00	EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00	EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Traffic Monitoring 1

Description	Value
Lanes	4
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	4.00	EA	\$2,779.13	\$11,116.52
695-6-12	TMS IND LOOP ASSEMBLY	4.00	EA	\$2,286.90	\$9,147.60
Signalizations Component Total					\$802,009.91

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	2,200.00	LF	\$24.58	\$54,076.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,600.00	LF	\$39.79	\$63,664.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	56.00	EA	\$1,756.63	\$98,371.28

715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	32.00 EA	\$10,475.18	\$335,205.76
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	32.00 EA	\$964.20	\$30,854.40
Subcomponent Total				\$582,171.44

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	11,400.00	LF	\$2.93	\$33,402.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	4.00	EA	\$21,583.35	\$86,333.40
Lighting Component Total					\$701,906.84

Sequence 1 Total	\$4,297,871.23
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Sequence: 2 RSD - Resurfacing, Divided**Net Length:** 1.303 MI
6,880 LF**Description:** SR 5 (US 1) from Alhambra St to Grace St (MP 1.775 to MP 3.078). Includes intersection lighting retrofit for 4 signals.**ROADWAY COMPONENT****User Input Data**

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

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	36,692.48 SY	\$3.37	\$123,653.66
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	3,027.13 TN	\$165.76	\$501,777.07
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	3,027.13 TN	\$168.01	\$508,588.11

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.31 AC	\$72,807.33	\$22,570.27
	Comment: Median modifications and sod removal			
110-4-10	REMOVAL OF EXIST CONC	789.00 SY	\$47.36	\$37,367.04
	Comment: 10 curb ramps ADA in-kind(140 SY) & 25 curb ramps ADA recon with addtl drainage/sdwlk impacts(467 SY). Driveway apron removal at pelican pt(100 SY). Curb rmvl @ Harrison(28SY). Dwy rmvl 1.85(54SY)			
160-4	TYPE B STABILIZATION	127.00 SY	\$27.45	\$3,486.15
	Comment: Asphalt reconstruction of existing driveway apron at Pelican Pt (100 SY). Median widening at Harrison (27 SY).			
285-701	OPTIONAL BASE, BASE GROUP 01	100.00 SY	\$34.40	\$3,440.00
	Comment: Asphalt reconstruction of existing driveway apron at Pelican Pt (100 SY).			
285-709	OPTIONAL BASE, BASE GROUP 09	27.00 SY	\$62.42	\$1,685.34
	Comment: Median widening at Harrison (27 SY).			
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,835.00 SY	\$4.57	\$8,385.95
	Comment: Deeper rehab for 5% of project, 36,692.48 x 0.05 = 1835 SY			
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	7,016.00 SY	\$3.37	\$23,643.92
	Comment: 28 Turn lanes x 11-ft (avg) x 205-ft (avg) = 7,016 SY			
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	694.00 TN	\$165.76	\$115,037.44
	Comment: 1" for deeper rehab for 5% (1835 x 110/2000 = 101 TN 1.5" for 28 turn lanes (7016x 165/2000 = 579 TN) 1.5" for Pelican Pt (100SYx 165/2000 = 9TN) 3" for median widening at Harrison (26.2x330/2000)			
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	591.00 TN	\$168.01	\$99,293.91
	Comment: 1.5" for 28 turn lanes (7016x 165/2000 = 579 TN) 1.5" for Pelican Pt turnout (100SYx 165/2000 = 9TN) 3" for median widening at Harrison (26.2x165/2000= 3 TN)			

520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,175.00 LF	\$57.91	\$68,044.25
	Comment: 35 curb ramps for ADA reconstruction (18LF per ramp= 630). 195LF for SB right turn lane at Harrison. 350LF for driveway removals at MP 1.850, MP 1.895, MP 2.350, 2.850.			
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	256.00 SY	\$96.03	\$24,583.68
	Comment: Sidewalk impacts for curb ramp reconstruction and driveway removal (218SY) and 38 SY for new connection on terrier trl			
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	381.00 SY	\$125.79	\$47,925.99
	Comment: 35 curb ramps for ADA reconstruction, 10 SY each. 31 SY for new crossing at terrier trl			
527-2	DETECTABLE WARNINGS	420.00 SF	\$42.45	\$17,829.00
	Comment: 35 curb ramps for ADA reconstruction, 12 SF each			
570-1-2	PERFORMANCE TURF, SOD	312.00 SY	\$6.32	\$1,971.84
	Comment: curb ramp reconstruction. 136 SY for SB Right turn lane at Harrison St.			
710-11-123	PAINTED PAVT MARK,STD,WHITE,SOLID, 12"	3,680.00 LF	\$1.61	\$5,924.80
710-11-125	PAINTED PAVT MARK,STD,WHITE,SOLID,24"	3,372.00 LF	\$2.79	\$9,407.88
710-11-170	PAINTED PAVT MARK,STD,WHITE, ARROWS	56.00 EA	\$45.32	\$2,537.92
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	5.21 GM	\$1,554.57	\$8,099.31
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	3,680.00 LF	\$4.03	\$14,830.40
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	3,372.00 LF	\$8.01	\$27,009.72
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	56.00 EA	\$98.63	\$5,523.28

Turnouts/Crossovers Subcomponent

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

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	1,834.62 SY	\$3.37	\$6,182.67
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	151.36 TN	\$165.76	\$25,089.43
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	151.36 TN	\$168.01	\$25,429.99

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	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	528.00 EA	\$4.90	\$2,587.20
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.21 GM	\$1,582.52	\$8,244.93
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.61 GM	\$675.61	\$1,763.34
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	5.21 GM	\$5,993.07	\$31,223.89
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	2.61 GM	\$2,046.14	\$5,340.43
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	5.21 GM	\$5,966.96	\$31,087.86
Roadway Component Total				\$1,819,566.67

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	8.00 / 8.00
Structural Spread Rate	165
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
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	12,230.83 SY	\$3.37	\$41,217.90
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	1,009.04 TN	\$165.76	\$167,258.47
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	1,009.04 TN	\$168.01	\$169,528.81

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	920.00 LF	\$3.37	\$3,100.40
104-11	FLOATING TURBIDITY BARRIER	200.00 LF	\$17.58	\$3,516.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	200.00 LF	\$8.79	\$1,758.00
104-18	INLET PROTECTION SYSTEM	50.00 EA	\$190.82	\$9,541.00
107-1	LITTER REMOVAL	9.47 AC	\$58.47	\$553.71
107-2	MOWING	9.47 AC	\$88.83	\$841.22
Shoulder Component Total				\$397,315.51

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	18.00
Performance Turf Width	0.00
Total Median Shoulder Width L/R	0.00 / 0.00

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

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-2-1	CONCRETE CURB, TYPE A	133.00 LF	\$51.15	\$6,802.95
	Comment: Median nose modification at Harrison			
520-5-12	TRAF SEP CONC-TYPE I, 6' WIDE	3.00 LF	\$154.01	\$462.03
570-1-2	PERFORMANCE TURF, SOD	5.00 SY	\$6.32	\$31.60
	Comment: Median nose modification at Harrison			
	Median Component Total			\$7,296.58

DRAINAGE COMPONENT**X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-331	INLETS, CURB, TYPE P-3, <10'	2.00 EA	\$12,882.89	\$25,765.78
425-1-341	INLETS, CURB, TYPE P-4, <10'	1.00 EA	\$12,075.02	\$12,075.02
425-1-351	INLETS, CURB, TYPE P-5, <10'	1.00 EA	\$10,909.62	\$10,909.62
425-1-441	INLETS, CURB, TYPE J-4, <10'	2.00 EA	\$19,408.48	\$38,816.96
425-2-43	MANHOLES, P-7, PARTIAL	3.00 EA	\$6,674.18	\$20,022.54
425-2-71	MANHOLES, J-7, <10'	1.00 EA	\$16,142.37	\$16,142.37
425-5	MANHOLE, ADJUST	3.00 EA	\$1,334.38	\$4,003.14
425-11	MODIFY EXISTING DRAINAGE STRUCTURE	1.00 EA	\$4,765.90	\$4,765.90
430-175-118	PIPE CULV, OPT MATL, ROUND, 18"S/CD	232.00 LF	\$270.74	\$62,811.68
Drainage Component Total				\$195,313.01

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	27.00 EA	\$588.42	\$15,887.34
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	24.00 EA	\$2,035.52	\$48,852.48
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	3.00 EA	\$370.98	\$1,112.94
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	21.00 EA	\$52.25	\$1,097.25
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	9.00 EA	\$7,674.12	\$69,067.08
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	1.00 EA	\$1,528.94	\$1,528.94
Signing Component Total				\$137,546.03

SIGNALIZATIONS COMPONENT**Signalization 1**

Description

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

Harrison St intersection

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	250.00 LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00 EA	\$1,756.63	\$28,106.08
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	6.00 EA	\$3,317.06	\$19,902.36
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	6.00 AS	\$1,110.96	\$6,665.76
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	3.00 AS	\$2,002.41	\$6,007.23
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	6.00 EA	\$441.41	\$2,648.46

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	3.00 EA	\$491.78	\$1,475.34
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	6.00 EA	\$680.70	\$4,084.20
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00 AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00 EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	3.00 EA	\$8,590.90	\$25,772.70
660-9-11	TRAFFIC DATA DETECT SYS-VIDEO, F&I, CAB	1.00 EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS-VIDEO, F&I, ABO	3.00 EA	\$11,742.91	\$35,228.73
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00 EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00 EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00 EA	\$1,523.56	\$1,523.56

Signalization 2**Description**

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

Pelican Pt Condos/Titus Landing

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	700.00 LF	\$24.58	\$17,206.00
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	500.00 LF	\$39.79	\$19,895.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	20.00 EA	\$1,756.63	\$35,132.60
639-2-1	ELECTRICAL SERVICE WIRE, F&I	200.00 LF	\$10.83	\$2,166.00

646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00 EA	\$3,317.06	\$26,536.48
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	\$1,863.15	\$14,905.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.96	\$8,887.68
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	5.00 AS	\$2,002.41	\$10,012.05
665-1-12	PEDESTRIAN DETECTOR, F&I, ACCESSIBLE	8.00 EA	\$2,255.98	\$18,047.84
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	4.00 EA	\$5,764.06	\$23,056.24

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
633-1-122	FIBER OPTIC CABLE, F&I, UG,13- 48	200.00 LF	\$4.80	\$960.00
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERM	12.00 EA	\$106.24	\$1,274.88
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	1.00 EA	\$1,527.70	\$1,527.70
633-3-14	FIBER OPTIC CONN HDWR, BUFFER TUBE FAN O	1.00 EA	\$117.31	\$117.31
633-3-16	FIBER OPTIC CONN HDWR, PATCH PANEL- FIE	1.00 EA	\$1,849.41	\$1,849.41
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" OR 36"	1.00 EA	\$6,524.72	\$6,524.72
639-1-122	ELECTRICAL POWER SRV,F&I, UG,PUR CONT	1.00 AS	\$5,742.43	\$5,742.43
639-1-610	ELECTRICAL POWER SRV,REM OHD	1.00 AS	\$970.68	\$970.68
641-2-12	PREST CNC POLE,F&I,TYP P-II SRV POLE	1.00 EA	\$2,671.14	\$2,671.14
641-2-80	PREST CNC POLE, REMOVE COMPLETE	4.00 EA	\$10,030.58	\$40,122.32
649-21-13	STEEL MAST ARM ASSEMBLY, F&I, 60'- 50'	1.00 EA	\$108,543.98	\$108,543.98
649-21-18	STEEL MAST ARM ASSEMBLY, F&I, 70'- 50'	1.00 EA	\$119,112.87	\$119,112.87
650-1-16	VEH TRAF SIGNAL,F&I ALUMINUM, 4 S 1 W	2.00 AS	\$2,254.63	\$4,509.26
660-1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	4.00 EA	\$459.58	\$1,838.32
660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	1.00 EA	\$495.37	\$495.37
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00 AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM- VIDEO, CABINET	1.00 EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM- VIDEO, ABOVE G	4.00 EA	\$8,590.90	\$34,363.60
660-9-11	TRAFFIC DATA DETECT SYS- VIDEO, F&I, CAB	1.00 EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS- VIDEO, F&I, ABO	4.00 EA	\$11,742.91	\$46,971.64
663-1-111	SIGNAL PRIO & PREEMP, F&I, OPT,CAB E	1.00 EA	\$9,644.05	\$9,644.05
663-1-112	SIGNAL PRIO & PREEMP, F&I, OPTICAL,DETEC	4.00 EA	\$3,248.00	\$12,992.00
670-5-112	TRAF CNTL ASSEM, F&I, NEMA, 2 PREEMPT	1.00 AS	\$52,252.61	\$52,252.61
670-5-600	TRAF CNTL ASSEM, REMOVE	1.00 AS	\$1,308.00	\$1,308.00

684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00 EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00 EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00 EA	\$1,523.56	\$1,523.56

Signalization 3**Description****Value**

Type

4 Lane Mast Arm

Multiplier

1

Description

S Terrier Trl intersection

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00 LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00 EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	6.00 EA	\$3,317.06	\$19,902.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	1.00 AS	\$1,863.15	\$1,863.15
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	6.00 AS	\$1,110.96	\$6,665.76
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	5.00 AS	\$2,002.41	\$10,012.05
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	6.00 EA	\$441.41	\$2,648.46

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
650-1-16	VEH TRAF SIGNAL,F&I ALUMINUM, 4 S 1 W	2.00 AS	\$2,254.63	\$4,509.26
650-1-60	VEH TRAF SIGNAL, REMOVE- POLES TO REMAIN	1.00 AS	\$277.11	\$277.11
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	6.00 EA	\$680.70	\$4,084.20
653-1-60	PEDESTRIAN SIGNAL, REMOVE	4.00 AS	\$194.10	\$776.40
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	4.00 AS	\$1,519.73	\$6,078.92
660-4-11	VEHICLE DETECTION SYSTEM- VIDEO, CABINET	1.00 EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM- VIDEO, ABOVE G	4.00 EA	\$8,590.90	\$34,363.60
660-9-11	TRAFFIC DATA DETECT SYS- VIDEO, F&I, CAB	1.00 EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS- VIDEO, F&I, ABO	4.00 EA	\$11,742.91	\$46,971.64
665-1-60	PEDESTRIAN DETECTOR, REMOVE	4.00 EA	\$70.87	\$283.48
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00 EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00 EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00 EA	\$1,523.56	\$1,523.56

Signalization 4**Description****Value**

Type
Multiplier
Description

4 Lane Mast Arm
1

Grace St intersection

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00 LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00 EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00 EA	\$3,317.06	\$26,536.48
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.96	\$8,887.68
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	3.00 AS	\$2,002.41	\$6,007.23
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$441.41	\$3,531.28

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	7.00 EA	\$491.78	\$3,442.46
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	2.00 AS	\$1,519.73	\$3,039.46
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00 EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	4.00 EA	\$8,590.90	\$34,363.60
660-9-11	TRAFFIC DATA DETECT SYS-VIDEO, F&I, CAB	1.00 EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS-VIDEO, F&I, ABO	4.00 EA	\$11,742.91	\$46,971.64
682-1-113	ITS CCTV CAMERA, F&I, DOME ENCL-PRESS	1.00 EA	\$8,356.34	\$8,356.34
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00 EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00 EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00 EA	\$1,523.56	\$1,523.56

Traffic Monitoring 1

Description	Value
Lanes	4
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	4.00 EA	\$2,779.13	\$11,116.52
695-6-12	TMS IND LOOP ASSEMBLY	4.00 EA	\$2,286.90	\$9,147.60
Signalizations Component Total				\$1,495,603.22

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
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Spacing					MIN
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	2,200.00	LF	\$24.58	\$54,076.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,600.00	LF	\$39.79	\$63,664.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	56.00	EA	\$1,756.63	\$98,371.28
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	32.00	EA	\$10,475.18	\$335,205.76
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	32.00	EA	\$964.20	\$30,854.40
Subcomponent Total					\$582,171.44
X-Items					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	11,400.00	LF	\$2.93	\$33,402.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	4.00	EA	\$21,583.35	\$86,333.40
715-68-000	LIGHT POLE COMPLETE, RELOCATE	1.00	EA	\$5,784.45	\$5,784.45
Lighting Component Total					\$707,691.29
Sequence 2 Total					\$4,760,332.31

Sequence: 3 RSU - Resurfacing, Undivided**Net Length:** 1.012 MI
5,343 LF**Description:** SR 5 (US 1) from Grace St to SR 405/Garden St (MP 3.078 to MP 4.090) Northbound only.
Includes intersection lighting retrofit for 3 signals and 2 poles for midblock crossings.**ROADWAY COMPONENT****User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	11.00 / 11.00
Structural Spread Rate	165
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	13,061.55	SY	\$3.37	\$44,017.42
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	1,077.58	TN	\$165.76	\$178,619.66
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	1,077.58	TN	\$168.01	\$181,044.22

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.03	AC	\$72,807.33	\$2,184.22
	Comment: Sod removal for curb ramp work				
110-4-10	REMOVAL OF EXIST CONC	267.00	SY	\$47.36	\$12,645.12
	Comment: 20 curb ramps for ADA reconstruction				
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	654.00	SY	\$4.57	\$2,988.78
	Comment: Deeper rehab for 5% of project (13,061.55 * 0.05 = 654 SY)				
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	2,107.00	SY	\$3.37	\$7,100.59
	Comment: 7 turn lanes, approx. 10-ft wide x 185ft long (avg) = 1439 SY South St milling between NB and SB legs, 668 SY				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	211.00	TN	\$179.40	\$37,853.40
	Comment: 1" for deeper rehab for 5% of project = 654 * 110/2000 = 36 TN 1.5" lift for 7 turn lanes = 1439 * 165/2000 = 119 TN 1.5" lift for South St = 668 * 165/2000 = 56 TN				
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	175.00	TN	\$168.01	\$29,401.75
	Comment: 1.5" for 7 turn lanes = 1439 * 165/2000 = 119 TN 1.5" for South St = 668 * 165/2000 = 56 TN				
520-1-10	CONCRETE CURB & GUTTER, TYPE F	300.00	LF	\$57.91	\$17,373.00
	Comment: 20 curb ramps for ADA reconstruction				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	84.00	SY	\$96.03	\$8,066.52
	Comment: Sidewalk impacts for curb ramp reconstruction				
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	200.00	SY	\$125.79	\$25,158.00
	Comment: 20 curb ramps for ADA reconstruction, 10 SY each				
527-2	DETECTABLE WARNINGS	240.00	SF	\$42.45	\$10,188.00
	Comment: 20 curb ramp reconstructions at 12 SF each				

570-1-2	PERFORMANCE TURF, SOD	91.00 SY	\$6.32	\$575.12
	Comment: 20 curb ramps for ADA reconstruction			
710-11-123	PAINTED PAVT MARK,STD,WHITE,SOLID, 12"	1,692.00 LF	\$1.61	\$2,724.12
710-11-125	PAINTED PAVT MARK,STD,WHITE,SOLID,24"	2,256.00 LF	\$2.79	\$6,294.24
710-11-170	PAINTED PAVT MARK,STD,WHITE, ARROWS	22.00 EA	\$45.32	\$997.04
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	2.02 GM	\$1,554.57	\$3,140.23
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	1,692.00 LF	\$4.03	\$6,818.76
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	2,256.00 LF	\$8.01	\$18,070.56
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	22.00 EA	\$98.63	\$2,169.86

Pavement Marking Subcomponent

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

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	137.00	EA	\$4.90	\$671.30
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.02	GM	\$1,582.52	\$3,196.69
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	1.01	GM	\$667.02	\$673.69
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	2.02	GM	\$5,993.07	\$12,106.00
711-16-201	THERMOPLASTIC, STD- OTH,YELLOW, SOLID, 6"	2.02	GM	\$5,966.96	\$12,053.26
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	1.01	GM	\$2,327.80	\$2,351.08
Roadway Component Total					\$628,482.63

SHOULDER COMPONENT**User Input Data**

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

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	996.00	SY	\$3.37	\$3,356.52

Comment: On-street parking, 8-ft wide x 1,120ft / 9 = 996 SY

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	83.00 TN	\$179.40	\$14,890.20
	Comment: 1.5" lift for on-street parking, 996 *165 /2000 = 83 TN			
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	83.00 TN	\$168.01	\$13,944.83
	Comment: 1.5" lift for on-street parking, 996 *165 /2000 = 83 TN			

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	175.00 LF	\$3.37	\$589.75
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	125.00 LF	\$8.79	\$1,098.75
104-18	INLET PROTECTION SYSTEM	20.00 EA	\$190.82	\$3,816.40
107-1	LITTER REMOVAL	2.45 AC	\$58.47	\$143.25
107-2	MOWING	2.45 AC	\$88.83	\$217.63
Shoulder Component Total				\$38,057.33

DRAINAGE COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-5	MANHOLE, ADJUST	1.00 EA	\$1,334.38	\$1,334.38
425-82	REPLACE GRATE	2.00 EA	\$1,971.00	\$3,942.00
Drainage Component Total				\$5,276.38

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	11.00 EA	\$588.42	\$6,472.62
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	15.00 EA	\$2,035.52	\$30,532.80
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	3.00 EA	\$370.98	\$1,112.94
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	13.00 EA	\$52.25	\$679.25
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	6.00 EA	\$7,674.12	\$46,044.72

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-3-202	SIGN PANEL, F&I OM, 12-20 SF	7.00 EA	\$1,471.44	\$10,300.08
	Comment: overhead sign structure at MP 4.048			
700-3-602	SIGN PANEL, REMOVE, 12-20 SF	7.00 EA	\$65.90	\$461.30
	Comment: overhead sign structure at MP 4.048			
Signing Component Total				\$95,603.71

SIGNALIZATIONS COMPONENT**Signalization 1****Description**

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

SR 405/South St intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00	EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00	EA	\$3,317.06	\$26,536.48
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	\$1,110.96	\$8,887.68
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	3.00	AS	\$2,002.41	\$6,007.23
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	\$441.41	\$3,531.28
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	2.00	EA	\$5,764.06	\$11,528.12

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	4.00	EA	\$491.78	\$1,967.12
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	6.00	EA	\$680.70	\$4,084.20
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	2.00	AS	\$1,519.73	\$3,039.46
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	\$27,983.70	\$27,983.70
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	3.00	EA	\$8,590.90	\$25,772.70
660-9-11	TRAFFIC DATA DETECT SYS-VIDEO, F&I, CAB	1.00	EA	\$29,294.00	\$29,294.00
660-9-12	TRAFFIC DATA DETECT SYS-VIDEO, F&I, ABO	3.00	EA	\$11,742.91	\$35,228.73
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Signalization 2**Description**

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

Main St intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	8.00	EA	\$1,756.63	\$14,053.04
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00	EA	\$3,317.06	\$26,536.48

653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.96	\$8,887.68
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$441.41	\$3,531.28

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	4.00	EA	\$491.78	\$1,967.12
650-2-109	VEHIC SIGNAL AUX, REP/RETR F&I, FLEX BAC	4.00	EA	\$680.70	\$2,722.80
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Signalization 3

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	SR 406/Garden St intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$39.79	\$9,947.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$12,707.73	\$12,707.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00	EA	\$1,756.63	\$17,566.30
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	8.00	EA	\$3,317.06	\$26,536.48
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	\$1,110.96	\$8,887.68
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	5.00	AS	\$2,002.41	\$10,012.05
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	\$441.41	\$3,531.28

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	2.00	AS	\$1,519.73	\$3,039.46
682-1-113	ITS CCTV CAMERA, F&I, DOME ENCL-PRESS	1.00	EA	\$8,356.34	\$8,356.34
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	1.00	EA	\$5,376.51	\$5,376.51
685-1-13	UPS, F&I, LINE INTERACTIVE W CAB	1.00	EA	\$12,890.84	\$12,890.84
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	1.00	EA	\$1,523.56	\$1,523.56

Traffic Monitoring 1

Description	Value
Lanes	2
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	2.00	EA	\$2,779.13	\$5,558.26
695-6-12	TMS IND LOOP ASSEMBLY	2.00	EA	\$2,286.90	\$4,573.80

Traffic Monitoring 2

Description	Value
Lanes	2
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	2.00	EA	\$2,779.13	\$5,558.26
695-6-12	TMS IND LOOP ASSEMBLY	2.00	EA	\$2,286.90	\$4,573.80

Traffic Monitoring 3

Description	Value
Lanes	2
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	2.00	EA	\$2,779.13	\$5,558.26
695-6-12	TMS IND LOOP ASSEMBLY	2.00	EA	\$2,286.90	\$4,573.80

Signalizations Component Total \$458,254.89

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value	
Spacing				MAX	
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,700.00	LF	\$24.58	\$41,786.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,300.00	LF	\$39.79	\$51,727.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	44.00	EA	\$1,756.63	\$77,291.72
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	26.00	EA	\$10,475.18	\$272,354.68
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	26.00	EA	\$964.20	\$25,069.20
Subcomponent Total					\$468,228.60

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	9,000.00	LF	\$2.93	\$26,370.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	3.00	EA	\$21,583.35	\$64,750.05
Lighting Component Total					\$559,348.65

Sequence 3 Total \$1,785,023.59

Sequence: 4 MIS - Miscellaneous Construction**Net Length:** 0.010 MI
53 LF**Description:** New sidewalk to fill gaps along corridor**ROADWAY COMPONENT****X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.32 AC	\$72,807.33	\$23,298.35
515-2-311	PED/BICYCLE RAILING, ALUM, 42" TYPE 1	140.00 LF	\$106.69	\$14,936.60
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,565.00 SY	\$96.03	\$150,286.95
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	54.00 SY	\$125.79	\$6,792.66
Roadway Component Total				\$195,314.56

SHOULDER COMPONENT**User Input Data**

Description	Value
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X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	100.00 LF	\$3.37	\$337.00
	Comment: Erosion control is included in main sequences 1-3			
570-1-2	PERFORMANCE TURF, SOD	1,259.00 SY	\$6.32	\$7,956.88
Shoulder Component Total				\$8,293.88

DRAINAGE COMPONENT**X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	5.00 EA	\$9,074.64	\$45,373.20
425-1-910	INLETS, CLOSED FLUME	1.00 EA	\$8,845.47	\$8,845.47
425-11	MODIFY EXISTING DRAINAGE STRUCTURE	1.00 EA	\$4,765.90	\$4,765.90
430-175-118	PIPE CULV, OPT MATL, ROUND, 18"S/CD	336.00 LF	\$270.74	\$90,968.64
Drainage Component Total				\$149,953.21

Sequence 4 Total	\$353,561.65
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Sequence: 5 MIS - Miscellaneous Construction**Net Length:** 0.010 MI
53 LF**Description:** Milling and resurfacing side streets from MP 3.089 to MP 4.084, except SR 405/South St and SR 406/Garden St. Green bike lane and patterned crosswalk pavement.**ROADWAY COMPONENT****X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.11	AC	\$72,807.33	\$8,008.81
	Comment: To fill sidewalk gap on Brevard St				
110-4-10	REMOVAL OF EXIST CONC	14.00	SY	\$47.36	\$663.04
	Comment: To fill sidewalk gap on Brevard St				
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	4,744.00	SY	\$3.37	\$15,987.28
	Comment: Milling side streets				
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	392.00	TN	\$165.76	\$64,977.92
	Comment: 1.5" for side streets, 4744 x 165/2000 = 392 TN				
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	392.00	TN	\$168.01	\$65,859.92
	Comment: 1.5" for side streets, 4744 x 165/2000 = 392 TN				
520-1-10	CONCRETE CURB & GUTTER, TYPE F	65.00	LF	\$57.91	\$3,764.15
	Comment: To fill sidewalk gap on Brevard St				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	58.00	SY	\$96.03	\$5,569.74
	Comment: To fill sidewalk gap on Brevard St				
523-3	PATTERNED PAVEMENT	264.00	SY	\$187.98	\$49,626.72
	Comment: For patterned crosswalks				
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.19	GM	\$1,582.52	\$300.68
710-11-123	PAINTED PAVT MARK,STD,WHITE,SOLID, 12"	200.00	LF	\$1.61	\$322.00
710-11-125	PAINTED PAVT MARK,STD,WHITE,SOLID,24"	211.00	LF	\$2.79	\$588.69
710-11-170	PAINTED PAVT MARK,STD,WHITE, ARROWS	1.00	EA	\$45.32	\$45.32
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	0.19	GM	\$1,554.57	\$295.37
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	200.00	LF	\$4.03	\$806.00
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	211.00	LF	\$8.01	\$1,690.11
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	1.00	EA	\$98.63	\$98.63
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.19	GM	\$5,993.07	\$1,138.68
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.19	GM	\$5,966.96	\$1,133.72
714-10	GREEN-COLORED PAVEMENT MARKINGS, BIKE LN	1,652.00	SF	\$11.35	\$18,750.20
	Comment: For green bike lane				
Roadway Component Total					\$239,626.98

SHOULDER COMPONENT**User Input Data**

Description**Value****X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	60.00	LF	\$3.37	\$202.20
104-18	INLET PROTECTION SYSTEM	16.00	EA	\$190.82	\$3,053.12
Shoulder Component Total					\$3,255.32

Sequence 5 Total	\$242,882.30
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Sequence: 6 MIS - Miscellaneous Construction

Net Length: 0.010 MI
53 LF

Description: Modification of side street returns in flush shoulder section

ROADWAY COMPONENT**X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.43	AC	\$72,807.33	\$31,307.15
110-4-10	REMOVAL OF EXIST CONC	639.00	SY	\$47.36	\$30,263.04
520-1-10	CONCRETE CURB & GUTTER, TYPE F	965.00	LF	\$57.91	\$55,883.15
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	440.00	SY	\$96.03	\$42,253.20
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	200.00	SY	\$125.79	\$25,158.00
	Comment: 20 curb ramps to be reconstructed due to modification of returns				
527-2	DETECTABLE WARNINGS	240.00	SF	\$42.45	\$10,188.00
	Comment: 20 curb ramps at 12 sf each				
570-1-2	PERFORMANCE TURF, SOD	1,215.00	SY	\$6.32	\$7,678.80
Roadway Component Total					\$202,731.34

SHOULDER COMPONENT**User Input Data**

Description	Value
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X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,000.00	LF	\$3.37	\$3,370.00
Shoulder Component Total					\$3,370.00

DRAINAGE COMPONENT**X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-311	INLETS, CURB, TYPE P-1, <10'	1.00	EA	\$13,077.73	\$13,077.73
425-1-331	INLETS, CURB, TYPE P-3, <10'	1.00	EA	\$12,882.89	\$12,882.89
425-1-351	INLETS, CURB, TYPE P-5, <10'	1.00	EA	\$10,909.62	\$10,909.62
425-1-361	INLETS, CURB, TYPE P-6, <10'	4.00	EA	\$11,716.60	\$46,866.40
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00	EA	\$7,865.66	\$15,731.32
425-2-41	MANHOLES, P-7, <10'	2.00	EA	\$8,753.32	\$17,506.64
425-2-43	MANHOLES, P-7, PARTIAL	3.00	EA	\$6,674.18	\$20,022.54
425-5	MANHOLE, ADJUST	1.00	EA	\$1,334.38	\$1,334.38
425-11	MODIFY EXISTING DRAINAGE STRUCTURE	2.00	EA	\$4,765.90	\$9,531.80
430-175-118	PIPE CULV, OPT MATL, ROUND, 18"S/CD	112.00	LF	\$270.74	\$30,322.88
Drainage Component Total					\$178,186.20

Sequence 6 Total	\$384,287.54
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Sequence: 7 MIS - Miscellaneous Construction**Net Length:** 0.010 MI
53 LF**Description:** Manatee grates added at the request of District PLEMO**DRAINAGE COMPONENT****X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-886-24	MANATEE GRATE FOR 24" PIPE Comment: 1 at MP 1.123	1.00	EA	\$3,449.24	\$3,449.24
430-886-36	MANATEE GRATE FOR 36" PIPE Comment: 1 at MP 3.190	1.00	EA	\$5,893.77	\$5,893.77
430-886-54	MANATEE GRATE FOR 54" PIPE Comment: 2 at MP 0.000, 1 at MP 1.998, 1 at MP 1.640	4.00	EA	\$8,511.81	\$34,047.24
Drainage Component Total					\$43,390.25

Sequence 7 Total	\$43,390.25
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Date: 10/16/2025 8:55:51 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 454217-1-52-01**Letting Date:** 01/2099

Description: SR 5 (US 1) Resurfacing from SR 50 (Cheney Hwy) to SR 406 (Garden St), MP 0.000 to MP 4.117 & MP 35.686 to MP 35.699

District: 05**County:** 70 BREVARD**Market Area:** 08**Units:** English**Contract Class:** Lump Sum Project: N**Design/Build:** N**Project Length:** 4.130 MI**Project Manager:** HNTB/CB/RX**Version 7 Project Grand Total****\$16,663,415.96**

Description: SR 5 (US 1) from SR 50 (Cheney Hwy) to SR 406 (MP 0.000 to MP 4.117 & MP 35.686 to MP 35.699). (HNTB Created 6/9/25, Updated 10/16/2025).

Project Sequences Subtotal	\$11,867,348.87
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102-1	Maintenance of Traffic	10.00 %	\$1,186,734.89
101-1	Mobilization	10.00 %	\$1,305,408.38

Project Sequences Total	\$14,359,492.14
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Project Unknowns	15.00 %	\$2,153,923.82
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Justification for high %: Standard % for MOT/Mob. Recommend 15% project unknowns for urban projects.

Design/Build	0.00 %	\$0.00
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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
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Version 7 Project Grand Total	\$16,663,415.96
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