

APPENDIX C

LONG RANGE ESTIMATE

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 451942-1-22-01

Letting Date: 01/2099

Description: SR70 FROM CR760 TO HIGHLANDS COUNTY LINE

District: 01 County: 04 DESOTO

Market Area: 09 Units: English

Contract Class: 9 Lump Sum Project: N

Design/Build: Y Project Length: 11.573 MI

Project Manager: JMK-MMS-JOE

Version 5 Project Grand Total

\$284,133,301.49

Description: April 2025 EOR Markups from Version 4-4/17/25

Sequence: 1 WDR - Widen/Resurface, Divided, Rural

Net Length: 9.323 MI
49,224 LF

Description: Segment 10-SR70 FROM CR760 TO HIGHLANDS COUNTY LINE

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	112.00 / 46.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	9.323
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
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	178.55	AC	\$15,000.00	\$2,678,250.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	59,289.31	CY	\$35.20	\$2,086,983.71

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	36,660.80	CY	\$15.45	\$566,409.36
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	596,409.28	CY	\$35.20	\$20,993,606.66

Earthwork Component Total
\$26,325,249.73

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	24.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-710	OPTIONAL BASE,BASE GROUP 10	133,068.49 SY	\$34.05	\$4,530,982.08
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	21,658.50 TN	\$162.58	\$3,521,238.93
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	21,658.50 TN	\$162.58	\$3,521,238.93
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	5,250.54 TN	\$251.09	\$1,318,358.09
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	5,250.54 TN	\$251.09	\$1,318,358.09

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION Comment: Mainline & Shoulder [30' Width x 49,224' Length]	164,080.00 SY	\$8.83	\$1,448,826.40
327-70-3	MILLING EXIST ASPH PAVT,4 1/2" AVG DEPTH	65,631.81 SY	\$5.95	\$390,509.27
327-70-20	MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH	65,631.81 SY	\$4.61	\$302,562.64
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C Comment: For 4.5" M&R, additional 0.75" for Inside EB Travel Lane. (49,224' x 12')/9 x 0.75 x 110 / 2000 = 2,708 TN	2,708.00 TN	\$162.58	\$440,266.64
339-1	MISCELLANEOUS ASPHALT PAVEMENT Comment: (50,000' x 3')/9 x 100 x 2 / 2000	1,667.00 TN	\$380.91	\$634,976.97
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	50,000.00 LF	\$28.53	\$1,426,500.00
536-8-112	GUARDRA CONN TO RIGID BA, F&I, N APPR 3	28.00 EA	\$3,596.61	\$100,705.08
536-8-113	GUARDRL TRANS CONN TO RIGID BA, F&I, TR	28.00 EA	\$1,467.56	\$41,091.68
536-85-20	GUARDRAIL END TREAT-TRAILING ANCHORAGE	52.00 EA	\$2,252.81	\$117,146.12
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	52.00 EA	\$3,467.82	\$180,326.64
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	48.00 GM	\$1,789.36	\$85,889.28
704-1-4	TUBULAR MARKER, 36" YELLOW POST	47.00 EA	\$230.96	\$10,855.12
706-1-3	RAISED PAVMT MARK, TYPE B	4,371.00 EA	\$5.04	\$22,029.84
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	10.00 GM	\$1,369.30	\$13,693.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	10.00 GM	\$543.24	\$5,432.40

710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	10.00 GM	\$1,321.79	\$13,217.90
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	28.00 GM	\$5,014.99	\$140,419.72
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	28.00 GM	\$2,295.11	\$64,263.08
711-15-201	THERMOPLASTIC, STD- OP,YELLOW, SOLID, 6"	28.00 GM	\$5,012.47	\$140,349.16

Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Milling Code	N
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-710	OPTIONAL BASE,BASE GROUP 10	13,306.85 SY	\$34.05	\$453,098.24
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,165.85 TN	\$162.58	\$352,123.89
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	525.05 TN	\$251.09	\$131,834.80

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

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	10.00 / 0.00
Bike Path Structural Spread Rate	165
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	76,570.44 SY	\$8.83	\$676,116.99
285-701	OPTIONAL BASE,BASE GROUP 01	54,693.17 SY	\$18.01	\$985,023.99
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	4,512.19 TN	\$162.58	\$733,591.85

Roadway Component Total \$23,121,026.82

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 10.00

New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Existing Paved Outside Shoulder Width L/R	0.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	29,151.46 SY	\$18.01	\$525,017.79
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	27,346.59 SY	\$3.43	\$93,798.80
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,256.09 TN	\$162.58	\$366,795.11
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1,093.86 TN	\$251.09	\$274,657.31
570-1-1	PERFORMANCE TURF	54,693.17 SY	\$4.21	\$230,258.25

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
527-2	DETECTABLE WARNINGS	360.00 SF	\$35.02	\$12,607.20
570-1-1	PERFORMANCE TURF	556,734.40 SY	\$4.21	\$2,343,851.82

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	113,214.87 LF	\$2.61	\$295,490.81
104-11	FLOATING TURBIDITY BARRIER	932.27 LF	\$13.66	\$12,734.81
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	932.27 LF	\$9.73	\$9,070.99
104-15	SOIL TRACKING PREVENTION DEVICE	10.00 EA	\$6,132.68	\$61,326.80
107-1	LITTER REMOVAL	67.78 AC	\$77.25	\$5,236.00
107-2	MOWING	67.78 AC	\$84.58	\$5,732.83

Shoulder Component Total \$4,236,578.53

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	32.00
New Total Median Shoulder Width L/R	8.00 / 8.00
New Paved Median Shoulder Width L/R	4.00 / 0.00
Existing Total Median Shoulder Width L/R	0.00 / 8.00
Existing Paved Median Shoulder Width L/R	0.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	23,682.14 SY	\$18.01	\$426,515.34

327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	21,877.27 SY	\$3.43	\$75,039.04
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,804.87 TN	\$162.58	\$293,435.76
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	875.09 TN	\$251.09	\$219,726.35
570-1-1	PERFORMANCE TURF	175,018.15 SY	\$4.21	\$736,826.41

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	5,000.00 LF	\$46.88	\$234,400.00
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	1,100.00 LF	\$83.68	\$92,048.00
Median Component Total				\$2,077,990.90

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	7,464.00 LF	\$230.93	\$1,723,661.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	752.00 LF	\$319.75	\$240,452.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	373.00 EA	\$3,736.34	\$1,393,654.82
570-1-1	PERFORMANCE TURF	6,563.18 SY	\$4.21	\$27,630.99

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	1,902.30 CY	\$2,150.10	\$4,090,135.23
	Comment: Eight (8) Total Box Culverts			
415-1-1	REINF STEEL- ROADWAY	380,444.34 LB	\$1.72	\$654,364.26
	Comment: Eight (8) Total Box Culverts			
425-1-551	INLETS, DT BOT, TYPE E, <10'	275.00 EA	\$8,955.49	\$2,462,759.75
425-2-61	MANHOLES, P-8, <10'	14.00 EA	\$8,480.37	\$118,725.18
425-2-91	MANHOLES, J-8, <10'	14.00 EA	\$13,030.98	\$182,433.72
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	12,544.00 LF	\$230.96	\$2,897,162.24
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	9,632.00 LF	\$319.75	\$3,079,832.00
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	5,504.00 LF	\$391.59	\$2,155,311.36
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	480.00 LF	\$455.05	\$218,424.00
430-175-154	PIPE CULV, OPT MATL, ROUND, 54"S/CD	600.00 LF	\$562.27	\$337,362.00
430-524-100	STRAIGHT CONC ENDW 24", SINGLE, 0 ROUND	1.00 EA	\$5,440.31	\$5,440.31
430-548-300	STRAIGHT CONC ENDW 48", TRIP, 0 ROUND	1.00 EA	\$28,733.33	\$28,733.33

EX-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
0430-554-300	STRAIGHT CONCRETE ENDWALLS, 54", TRIPLE, 0 DEGREES, ROUND	1.00 EA	\$37,000.00	\$37,000.00

Retention Basin 1

Description	Value
Size	2 AC
Multiplier	3
Depth	4.70
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	6.00	AC	\$15,000.00	\$90,000.00
120-1	REGULAR EXCAVATION	45,495.99	CY	\$15.45	\$702,913.05
425-1-541	INLETS, DT BOT, TYPE D, <10'	3.00	EA	\$8,425.40	\$25,276.20
425-2-71	MANHOLES, J-7, <10'	3.00	EA	\$13,034.07	\$39,102.21
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	168.00	LF	\$391.59	\$65,787.12
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	600.00	LF	\$672.89	\$403,734.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	3,540.00	LF	\$30.55	\$108,147.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	3.00	EA	\$4,874.61	\$14,623.83
570-1-1	PERFORMANCE TURF	29,040.00	SY	\$4.21	\$122,258.40

Retention Basin 2

Description	Value
Size	2 AC
Multiplier	6
Depth	4.90
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	12.00	AC	\$15,000.00	\$180,000.00
120-1	REGULAR EXCAVATION	94,864.02	CY	\$15.45	\$1,465,649.11
425-1-541	INLETS, DT BOT, TYPE D, <10'	6.00	EA	\$8,425.40	\$50,552.40
425-2-71	MANHOLES, J-7, <10'	6.00	EA	\$13,034.07	\$78,204.42
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	336.00	LF	\$391.59	\$131,574.24
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,200.00	LF	\$672.89	\$807,468.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	7,080.00	LF	\$30.55	\$216,294.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	6.00	EA	\$4,874.61	\$29,247.66
570-1-1	PERFORMANCE TURF	58,080.00	SY	\$4.21	\$244,516.80

Retention Basin 3

Description	Value
Size	5 AC
Multiplier	1
Depth	4.05
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	5.00	AC	\$15,000.00	\$75,000.00
120-1	REGULAR EXCAVATION	32,670.00	CY	\$15.45	\$504,751.50

425-1-541	INLETS, DT BOT, TYPE D, <10'	1.00 EA	\$8,425.40	\$8,425.40
425-2-71	MANHOLES, J-7, <10'	2.00 EA	\$13,034.07	\$26,068.14
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	56.00 LF	\$391.59	\$21,929.04
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	400.00 LF	\$672.89	\$269,156.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	1,860.00 LF	\$30.55	\$56,823.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	2.00 EA	\$4,874.61	\$9,749.22
570-1-1	PERFORMANCE TURF	24,200.00 SY	\$4.21	\$101,882.00

Retention Basin 4

Description	Value
Size	2 AC
Multiplier	1
Depth	6.10
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.00 AC	\$15,000.00	\$30,000.00
120-1	REGULAR EXCAVATION	19,682.67 CY	\$15.45	\$304,097.25
425-1-541	INLETS, DT BOT, TYPE D, <10'	1.00 EA	\$8,425.40	\$8,425.40
425-2-71	MANHOLES, J-7, <10'	1.00 EA	\$13,034.07	\$13,034.07
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	56.00 LF	\$391.59	\$21,929.04
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	200.00 LF	\$672.89	\$134,578.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	1,180.00 LF	\$30.55	\$36,049.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	1.00 EA	\$4,874.61	\$4,874.61
570-1-1	PERFORMANCE TURF	9,680.00 SY	\$4.21	\$40,752.80

Retention Basin 5

Description	Value
Size	1.5 AC
Multiplier	2
Depth	2.40
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.00 AC	\$15,000.00	\$45,000.00
120-1	REGULAR EXCAVATION	11,616.00 CY	\$15.45	\$179,467.20
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$8,425.40	\$16,850.80
425-2-71	MANHOLES, J-7, <10'	2.00 EA	\$13,034.07	\$26,068.14
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	112.00 LF	\$391.59	\$43,858.08
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	400.00 LF	\$672.89	\$269,156.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	2,050.00 LF	\$30.55	\$62,627.50
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	2.00 EA	\$4,874.61	\$9,749.22
570-1-1	PERFORMANCE TURF	14,520.00 SY	\$4.21	\$61,129.20

Retention Basin 6

Description	Value
Size	15 AC
Multiplier	1
Depth	2.50
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	15.00	AC	\$15,000.00	\$225,000.00
120-1	REGULAR EXCAVATION	60,500.00	CY	\$15.45	\$934,725.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00	EA	\$8,425.40	\$16,850.80
425-2-71	MANHOLES, J-7, <10'	3.00	EA	\$13,034.07	\$39,102.21
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	104.00	LF	\$391.59	\$40,725.36
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	600.00	LF	\$672.89	\$403,734.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	3,600.00	LF	\$30.55	\$109,980.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	4.00	EA	\$4,874.61	\$19,498.44
570-1-1	PERFORMANCE TURF	72,600.00	SY	\$4.21	\$305,646.00

Retention Basin 7

Description	Value
Size	1 AC
Multiplier	7
Depth	5.10
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	7.00	AC	\$15,000.00	\$105,000.00
120-1	REGULAR EXCAVATION	57,596.00	CY	\$15.45	\$889,858.20
425-1-541	INLETS, DT BOT, TYPE D, <10'	7.00	EA	\$8,425.40	\$58,977.80
425-2-71	MANHOLES, J-7, <10'	7.00	EA	\$13,034.07	\$91,238.49
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	392.00	LF	\$391.59	\$153,503.28
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,400.00	LF	\$672.89	\$942,046.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	5,880.00	LF	\$30.55	\$179,634.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	7.00	EA	\$4,874.61	\$34,122.27
570-1-1	PERFORMANCE TURF	33,880.00	SY	\$4.21	\$142,634.80

Retention Basin 8

Description	Value
Size	2.5 AC
Multiplier	1
Depth	4.60
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.50	AC	\$15,000.00	\$37,500.00

120-1	REGULAR EXCAVATION	18,553.33 CY	\$15.45	\$286,648.95
425-1-361	INLETS, CURB, TYPE P-6, <10'	1.00 EA	\$14,108.56	\$14,108.56
425-2-71	MANHOLES, J-7, <10'	1.00 EA	\$13,034.07	\$13,034.07
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	56.00 LF	\$391.59	\$21,929.04
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	200.00 LF	\$672.89	\$134,578.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	1,335.00 LF	\$30.55	\$40,784.25
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	1.00 EA	\$4,874.61	\$4,874.61
570-1-1	PERFORMANCE TURF	12,100.00 SY	\$4.21	\$50,941.00

Retention Basin 9

Description	Value
Size	2 AC
Multiplier	4
Depth	3.70
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	8.00 AC	\$15,000.00	\$120,000.00
120-1	REGULAR EXCAVATION	47,754.68 CY	\$15.45	\$737,809.81
425-1-541	INLETS, DT BOT, TYPE D, <10'	4.00 EA	\$8,425.40	\$33,701.60
425-2-71	MANHOLES, J-7, <10'	4.00 EA	\$13,034.07	\$52,136.28
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	224.00 LF	\$391.59	\$87,716.16
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	800.00 LF	\$672.89	\$538,312.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	4,720.00 LF	\$30.55	\$144,196.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	4.00 EA	\$4,874.61	\$19,498.44
570-1-1	PERFORMANCE TURF	38,720.00 SY	\$4.21	\$163,011.20
Drainage Component Total				\$34,002,918.38

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	127.00 EA	\$507.60	\$64,465.20
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	38.00 EA	\$1,908.97	\$72,540.86
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	30.00 EA	\$353.31	\$10,599.30
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	46.00 EA	\$49.59	\$2,281.14
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	30.00 EA	\$7,065.02	\$211,950.60
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	30.00 EA	\$1,294.24	\$38,827.20

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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700-13-15	RETROREFLECTIVE SIGN STRIP-F&I, 5'	31.00 EA	\$94.93	\$2,942.83
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Signing Component Total				\$403,607.13
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RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	400.00
Begin height	8.00
End Height	8.00
Multiplier	5

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	16,000.00 SF	\$63.90	\$1,022,400.00

Retaining Wall 2

Description	Value
Length	3,600.00
Begin height	6.00
End Height	6.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	21,600.00 SF	\$63.90	\$1,380,240.00

Retaining Walls Component Total				\$2,402,640.00
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Sequence 1 Total				\$92,570,011.49
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Sequence: 2 WDR - Widen/Resurface, Divided, Rural

Net Length: 2.391 MI
12,623 LF

Description: Segment 10 - Widening for Full Reconstruction Limits

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	100.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	2.391
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
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	57.96	AC	\$15,000.00	\$869,400.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	22,041.41	CY	\$35.20	\$775,857.63

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	4,072.60	CY	\$15.45	\$62,921.67
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	39,292.11	CY	\$35.20	\$1,383,082.27

Earthwork Component Total \$3,091,261.57

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	0.00 / 0.00
Structural Spread Rate	0
Friction Course Spread Rate	0
Widened Outside Pavement Width L/R	24.00 / 24.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-710	OPTIONAL BASE,BASE GROUP 10	68,247.79	SY	\$34.05	\$2,323,837.25
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	11,108.15	TN	\$162.58	\$1,805,963.03

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION Comment: Mainline and Shoulder (84' x 12,623')	117,815.00 SY	\$8.83	\$1,040,306.45
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C Comment: For 2" additional thickness for 1-Foot Base Clearance Areas, (24' x 900')/9 x 220 / 2000 = 264 TN	264.00 TN	\$162.58	\$42,921.12
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	14.00 GM	\$1,789.36	\$25,051.04
704-1-4	TUBULAR MARKER, 36" YELLOW POST	12.00 EA	\$230.96	\$2,771.52
706-1-3	RAISED PAVMT MARK, TYPE B	1,171.00 EA	\$5.04	\$5,901.84
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.00 GM	\$1,369.30	\$6,846.50
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	5.00 GM	\$543.24	\$2,716.20
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	5.00 GM	\$1,321.79	\$6,608.95
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	8.00 GM	\$5,014.99	\$40,119.92
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	8.00 GM	\$2,295.11	\$18,360.88
711-15-201	THERMOPLASTIC, STD- OP,YELLOW, SOLID, 6"	8.00 GM	\$5,012.47	\$40,099.76

Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Milling Code	N
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-710	OPTIONAL BASE,BASE GROUP 10	6,824.78 SY	\$34.05	\$232,383.76

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

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 10.00
Bike Path Structural Spread Rate	165
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	19,635.62 SY	\$8.83	\$173,382.52
285-701	OPTIONAL BASE,BASE GROUP 01	14,025.44 SY	\$18.01	\$252,598.17
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,157.10 TN	\$162.58	\$188,121.32
Roadway Component Total				\$6,207,990.23

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	56.00 / 56.00
Total Outside Shoulder Perf. Turf Width L/R	51.00 / 31.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips i/c 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	14,951.12 SY	\$18.01	\$269,269.67
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	561.02 TN	\$251.09	\$140,866.51

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	55,659.70 SY	\$4.21	\$234,327.34

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	29,032.66 LF	\$2.61	\$75,775.24
104-11	FLOATING TURBIDITY BARRIER	239.07 LF	\$13.66	\$3,265.70
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	239.07 LF	\$9.73	\$2,326.15
104-15	SOIL TRACKING PREVENTION DEVICE	3.00 EA	\$6,132.68	\$18,398.04
107-1	LITTER REMOVAL	17.38 AC	\$77.25	\$1,342.60
107-2	MOWING	17.38 AC	\$84.58	\$1,470.00

Shoulder Component Total **\$747,041.26**

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	32.00
New Total Median Shoulder Width L/R	20.00 / 20.00
New Paved Median Shoulder Width L/R	4.00 / 4.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00

Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	12,146.03 SY	\$18.01	\$218,750.00
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	925.68 TN	\$162.58	\$150,497.05
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	448.81 TN	\$251.09	\$112,691.70
570-1-1	PERFORMANCE TURF	44,881.41 SY	\$4.21	\$188,950.74
Median Component Total				\$670,889.49

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	1,912.00 LF	\$230.93	\$441,538.16
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	192.00 LF	\$319.75	\$61,392.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	96.00 EA	\$3,736.34	\$358,688.64
570-1-1	PERFORMANCE TURF	1,683.05 SY	\$4.21	\$7,085.64
Drainage Component Total				\$868,704.44

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	33.00 EA	\$507.60	\$16,750.80
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	12.00 EA	\$1,908.97	\$22,907.64
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	10.00 EA	\$353.31	\$3,533.10
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	25.00 EA	\$49.59	\$1,239.75
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	10.00 EA	\$7,065.02	\$70,650.20
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	10.00 EA	\$1,294.24	\$12,942.40

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-13-15	RETROREFLECTIVE SIGN STRIP- F&I, 5'	1.00 EA	\$94.93	\$94.93
Signing Component Total				\$128,118.82

Sequence 2 Total **\$11,714,005.81**

Sequence: 3 WDR - Widen/Resurface, Divided, Rural

Net Length: 0.689 MI
3,638 LF

Description: Resurfacing for limits from MP 14.973 to MP 15.748

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 44.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.689
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.67	AC	\$15,000.00	\$55,050.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	948.55	CY	\$35.20	\$33,388.96

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	37,737.30	CY	\$15.45	\$583,041.28

Earthwork Component Total \$671,480.25

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	330
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	0
Widened Friction Course Spread Rate	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	4,802.05	TN	\$162.58	\$780,717.29
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1,164.13	TN	\$251.09	\$292,301.40

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-3	MILLING EXIST ASPH PAVT,4 1/2" AVG DEPTH	14,551.68	SY	\$5.95	\$86,582.50
327-70-20	MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH	14,551.68	SY	\$4.61	\$67,083.24
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	200.00	TN	\$162.58	\$32,516.00
	Comment: For 4.5" M&R, additional 0.75" for Inside EB Travel Lane. (3638' x 12')/9 x 0.75 x 110 / 2000 = 200 TN				
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	59.00	GM	\$1,789.36	\$105,572.24
704-1-4	TUBULAR MARKER, 36" YELLOW POST	57.00	EA	\$230.96	\$13,164.72
706-1-3	RAISED PAVMT MARK, TYPE B	4,092.00	EA	\$5.04	\$20,623.68
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	3.10	GM	\$1,369.30	\$4,244.83
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	4.70	GM	\$543.24	\$2,553.23
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	6.10	GM	\$1,321.79	\$8,062.92
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	34.10	GM	\$5,014.99	\$171,011.16
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	34.10	GM	\$2,295.11	\$78,263.25
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	34.10	GM	\$5,012.47	\$170,925.23

Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Milling Code	Y
Stabilization Code	N
Base Code	N
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	480.20	TN	\$162.58	\$78,070.92
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	116.41	TN	\$251.09	\$29,229.39

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	6

Roadway Component Total

\$1,940,922.00

SHOULDER COMPONENT**User Input Data**

Description	Value
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Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	6.00 / 6.00
Existing Paved Outside Shoulder Width L/R	4.00 / 4.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	3,233.71	SY	\$3.43	\$11,091.63
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	266.78	TN	\$162.58	\$43,373.09
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	129.35	TN	\$251.09	\$32,478.49
570-1-1	PERFORMANCE TURF	4,850.56	SY	\$4.21	\$20,420.86

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
527-2	DETECTABLE WARNINGS	440.00	SF	\$35.02	\$15,408.80
570-1-1	PERFORMANCE TURF	37,282.70	SY	\$4.21	\$156,960.17

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	8,367.22	LF	\$2.61	\$21,838.44
104-11	FLOATING TURBIDITY BARRIER	68.90	LF	\$13.66	\$941.17
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	68.90	LF	\$9.73	\$670.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$6,132.68	\$6,132.68
107-1	LITTER REMOVAL	5.01	AC	\$77.25	\$387.02
107-2	MOWING	5.01	AC	\$84.58	\$423.75

Shoulder Component Total

\$310,126.50

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	0.00
New Total Median Shoulder Width L/R	11.00 / 11.00
New Paved Median Shoulder Width L/R	0.00 / 0.00
Existing Total Median Shoulder Width L/R	11.00 / 11.00
Existing Paved Median Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	3,233.71 SY	\$3.43	\$11,091.63
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	266.78 TN	\$162.58	\$43,373.09
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	129.35 TN	\$251.09	\$32,478.49

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	4,400.00 LF	\$46.88	\$206,272.00
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	1,500.00 LF	\$83.68	\$125,520.00
Median Component Total				\$418,735.21

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	552.00 LF	\$230.93	\$127,473.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00 LF	\$319.75	\$17,906.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	28.00 EA	\$3,736.34	\$104,617.52
570-1-1	PERFORMANCE TURF	485.06 SY	\$4.21	\$2,042.10
Drainage Component Total				\$252,038.98

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	155.00 EA	\$507.60	\$78,678.00
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	46.00 EA	\$1,908.97	\$87,812.62
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	37.00 EA	\$353.31	\$13,072.47
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	55.00 EA	\$49.59	\$2,727.45
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	37.00 EA	\$7,065.02	\$261,405.74
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	37.00 EA	\$1,294.24	\$47,886.88

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-13-15	RETROREFLECTIVE SIGN STRIP-F&I, 5'	38.00 EA	\$94.93	\$3,607.34
Signing Component Total				\$495,190.50

Sequence 3 Total				\$4,088,493.44
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Sequence: 4 WDR - Widen/Resurface, Divided, Rural

Net Length: 3.410 MI
18,005 LF

Description: Segment 9 - Widening SR 70 from E of SR 31 to CR 760

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	112.00 / 46.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	3.410
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
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	65.31	AC	\$15,000.00	\$979,650.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	14,072.96	CY	\$15.45	\$217,427.23
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	139,556.85	CY	\$35.20	\$4,912,401.12

Earthwork Component Total \$6,109,478.35

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	24.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	48,672.98	SY	\$22.53	\$1,096,602.24
327-70-20	MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH	48,012.80	SY	\$4.61	\$221,339.01
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	7,922.11	TN	\$162.58	\$1,287,976.64

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	7,922.11 TN	\$162.58	\$1,287,976.64
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	1,920.51 TN	\$251.09	\$482,220.86
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	1,920.51 TN	\$251.09	\$482,220.86

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION Comment: Mainline & Shoulder [30' Width x 18,005' Length]	60,017.00 SY	\$8.83	\$529,950.11
327-70-3	MILLING EXIST ASPH PAVT,4 1/2" AVG DEPTH	24,006.40 SY	\$5.95	\$142,838.08
327-70-20	MILLING EXIST ASPH PAVT,3 3/4" AVG DEPTH	24,006.40 SY	\$4.61	\$110,669.50
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C Comment: For 4.5" M&R, additional 0.75" for Inside EB Travel Lane. (18,005'x12')/9x0.75x100/2000=991 TN For 2" additional thickness for 1-Foot Base Clearance Areas, (24'x1800')/9x220/2000=528 TN	1,519.00 TN	\$162.58	\$246,959.02
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	304.00 GM	\$1,789.36	\$543,965.44
704-1-4	TUBULAR MARKER, 36" YELLOW POST	294.00 EA	\$230.96	\$67,902.24
706-1-3	RAISED PAVMT MARK, TYPE B	12,000.00 EA	\$5.04	\$60,480.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	16.00 GM	\$1,369.30	\$21,908.80
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	8.00 GM	\$543.24	\$4,345.92
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	31.40 GM	\$1,321.79	\$41,504.21
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	175.70 GM	\$5,014.99	\$881,133.74
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	175.70 GM	\$2,295.11	\$403,250.83
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	175.70 GM	\$5,012.47	\$880,690.98

Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Milling Code	N
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	4,867.30 SY	\$22.53	\$109,660.27
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	792.21 TN	\$162.58	\$128,797.50
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	192.05 TN	\$251.09	\$48,221.83

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

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	10.00 / 0.00
Bike Path Structural Spread Rate	165
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	28,007.47 SY	\$8.83	\$247,305.96
285-701	OPTIONAL BASE,BASE GROUP 01	20,005.33 SY	\$18.01	\$360,295.99
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,650.44 TN	\$162.58	\$268,328.54

Roadway Component Total \$9,956,545.21

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Existing Paved Outside Shoulder Width L/R	0.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	10,662.84 SY	\$18.01	\$192,037.75
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	10,002.67 SY	\$3.43	\$34,309.16
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	825.22 TN	\$162.58	\$134,164.27
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	400.11 TN	\$251.09	\$100,463.62
570-1-1	PERFORMANCE TURF	20,005.33 SY	\$4.21	\$84,222.44

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	213,692.00 SY	\$4.21	\$899,643.32

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	41,411.04 LF	\$2.61	\$108,082.81

104-11	FLOATING TURBIDITY BARRIER	341.00 LF	\$13.66	\$4,658.06
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	341.00 LF	\$9.73	\$3,317.93
104-15	SOIL TRACKING PREVENTION DEVICE	4.00 EA	\$6,132.68	\$24,530.72
107-1	LITTER REMOVAL	24.79 AC	\$77.25	\$1,915.03
107-2	MOWING	24.79 AC	\$84.58	\$2,096.74

Shoulder Component Total

\$1,589,441.85

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	32.00
New Total Median Shoulder Width L/R	8.00 / 8.00
New Paved Median Shoulder Width L/R	4.00 / 0.00
Existing Total Median Shoulder Width L/R	0.00 / 8.00
Existing Paved Median Shoulder Width L/R	0.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips i _g ½No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	8,662.31 SY	\$18.01	\$156,008.20
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	8,002.13 SY	\$3.43	\$27,447.31
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	660.18 TN	\$162.58	\$107,332.06
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	320.09 TN	\$251.09	\$80,371.40
570-1-1	PERFORMANCE TURF	64,017.07 SY	\$4.21	\$269,511.86
Median Component Total				\$640,670.83

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	2,728.00 LF	\$230.93	\$629,977.04
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	272.00 LF	\$319.75	\$86,972.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	137.00 EA	\$3,736.34	\$511,878.58
570-1-1	PERFORMANCE TURF	2,400.64 SY	\$4.21	\$10,106.69

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS Comment: Box Culvert MP 18.27	314.10 CY	\$2,150.10	\$675,346.41
415-1-1	REINF STEEL- ROADWAY Comment: Box Culvert MP 18.27	62,814.80 LB	\$1.72	\$108,041.46

430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD Comment: MP 18.726	480.00 LF	\$391.59	\$187,963.20
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	600.00 LF	\$455.05	\$273,030.00
430-542-300	STRAIGHT CONC ENDW 42", TRI, 0 ROUND Comment: MP 18.726	1.00 EA	\$44,324.56	\$44,324.56
430-548-300	STRAIGHT CONC ENDW 48", TRIP, 0 ROUND	1.00 EA	\$28,733.33	\$28,733.33

Retention Basin 1

Description	Value
Size	1 AC
Multiplier	7
Depth	3.50
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	7.00 AC	\$15,000.00	\$105,000.00
120-1	REGULAR EXCAVATION	39,526.69 CY	\$15.45	\$610,687.36
425-1-541	INLETS, DT BOT, TYPE D, <10'	7.00 EA	\$8,425.40	\$58,977.80
425-2-71	MANHOLES, J-7, <10'	7.00 EA	\$13,034.07	\$91,238.49
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	392.00 LF	\$391.59	\$153,503.28
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,400.00 LF	\$672.89	\$942,046.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	5,880.00 LF	\$30.55	\$179,634.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	7.00 EA	\$4,874.61	\$34,122.27
570-1-1	PERFORMANCE TURF	33,880.00 SY	\$4.21	\$142,634.80

Retention Basin 2

Description	Value
Size	1.5 AC
Multiplier	2
Depth	3.90
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.00 AC	\$15,000.00	\$45,000.00
120-1	REGULAR EXCAVATION	18,876.00 CY	\$15.45	\$291,634.20
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$8,425.40	\$16,850.80
425-2-71	MANHOLES, J-7, <10'	2.00 EA	\$13,034.07	\$26,068.14
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	112.00 LF	\$391.59	\$43,858.08
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	400.00 LF	\$672.89	\$269,156.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	2,050.00 LF	\$30.55	\$62,627.50
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	2.00 EA	\$4,874.61	\$9,749.22
570-1-1	PERFORMANCE TURF	14,520.00 SY	\$4.21	\$61,129.20

Retention Basin 3

Description	Value
Size	5 AC
Multiplier	1
Depth	3.40
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	5.00	AC	\$15,000.00	\$75,000.00
120-1	REGULAR EXCAVATION	27,426.67	CY	\$15.45	\$423,742.05
425-1-541	INLETS, DT BOT, TYPE D, <10'	1.00	EA	\$8,425.40	\$8,425.40
425-2-71	MANHOLES, J-7, <10'	2.00	EA	\$13,034.07	\$26,068.14
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	56.00	LF	\$391.59	\$21,929.04
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	400.00	LF	\$672.89	\$269,156.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	1,860.00	LF	\$30.55	\$56,823.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	2.00	EA	\$4,874.61	\$9,749.22
570-1-1	PERFORMANCE TURF	24,200.00	SY	\$4.21	\$101,882.00
Drainage Component Total					\$6,693,065.26

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	800.00	EA	\$507.60	\$406,080.00
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	237.00	EA	\$1,908.97	\$452,425.89
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	188.00	EA	\$353.31	\$66,422.28
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	286.00	EA	\$49.59	\$14,182.74
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	188.00	EA	\$7,065.02	\$1,328,223.76
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	188.00	EA	\$1,294.24	\$243,317.12

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-5-11	INTERNAL ILLUM SIGN, F&I GM, UP TO 12 SF	8.00	EA	\$6,500.00	\$52,000.00
	Comment: For Signalization - 4 per Intersection				
700-13-15	RETROREFLECTIVE SIGN STRIP-F&I, 5'	196.00	EA	\$94.93	\$18,606.28
Signing Component Total					\$2,581,258.07

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	4 Lane Mast Arm

Multiplier
Description

2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	\$27.96	\$41,940.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00	LF	\$29.18	\$14,590.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	\$15,740.88	\$31,481.76
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00	EA	\$1,308.57	\$41,874.24
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	\$6,500.00	\$13,000.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	\$8.77	\$1,052.40
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	8.00	EA	\$88,008.01	\$704,064.08
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	24.00	AS	\$1,470.54	\$35,292.96
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00	AS	\$833.23	\$13,331.68
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	24.00	EA	\$622.41	\$14,937.84
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	24.00	AS	\$1,975.17	\$47,404.08
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00	EA	\$305.56	\$4,888.96
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	\$38,491.40	\$76,982.80
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	\$339.78	\$2,718.24

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	2.00	EA	\$1,074.87	\$2,149.74
633-3-12	FIBER OPTIC CONN HDWR, SPLICE TRAY	2.00	EA	\$63.58	\$127.16
633-3-15	FIBER OPTIC CONN HDWR, PRETERM PATCH PAN	2.00	EA	\$2,469.61	\$4,939.22
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	2.00	EA	\$19,959.81	\$39,919.62
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	4.00	EA	\$7,998.81	\$31,995.24
663-1-111	SIGNAL PRIO & PREEMP, F&I, OPT,CAB E	2.00	EA	\$9,379.26	\$18,758.52
663-1-112	SIGNAL PRIO & PREEMP, F&I, OPTICAL,DETEC	2.00	EA	\$2,939.84	\$5,879.68
682-1-111	ITS CCTV CAMERA, F&I, DOME ENCL-PRES.	4.00	EA	\$9,971.21	\$39,884.84
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	2.00	EA	\$3,804.37	\$7,608.74
685-1-11	UPS POWER SUPPLY, F&I, LINE INTERACTIVE	2.00	EA	\$15,053.61	\$30,107.22
Signalizations Component Total					\$1,224,929.02

BRIDGES COMPONENT

Bridge 1
Description

Value

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	140.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040024
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$225.59
Basic Bridge Cost	\$1,224,629.00
Description	WB SR 70 OVER WHIDDEN CREEK BRIDGE 040024 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82	CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50	LB	\$1.64	\$27,213.34

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
415-1-9	REINF STEEL- APPROACH SLABS	2,370.50	LB	\$1.64	\$3,887.62

Bridge 1 Total \$1,347,657.95

Bridge 2

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	140.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040024
Removal of Existing Structures area	3,720.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$225.60
Basic Bridge Cost	\$1,647,954.00
Description	EB SR 70 OVER WHIDDEN CREEK - BRIDGE 040024 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	3,720.00	SF	\$91.55	\$340,566.00
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
415-1-9	REINF STEEL- APPROACH SLABS	25,520.00	LB	\$1.64	\$41,852.80

Bridge 2 Total \$2,154,081.00

Bridge 3

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	140.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040027
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$225.59
Basic Bridge Cost	\$1,224,629.00
Description	WB SR 70 OVER JOSHUA CREEK - BRIDGE 040027 (1 OF 2) MP 19.705

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82	CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50	LB	\$1.64	\$27,213.34

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
415-1-9	REINF STEEL- APPROACH SLABS	2,370.00	LB	\$1.64	\$3,886.80

Bridge 3 Total \$1,347,657.13

Bridge 4

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	140.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040027
Removal of Existing Structures area	3,720.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$225.60
Basic Bridge Cost	\$1,647,954.00
Description	EB SR 70 OVER JOHSUA CREEK - BRIDGE 040027 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	3,720.00	SF	\$91.55	\$340,566.00
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
415-1-9	REINF STEEL- APPROACH SLABS	25,520.00	LB	\$1.64	\$41,852.80

Bridge 4 Total \$2,154,081.00

Bridge 5

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	76.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040031
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$241.74
Basic Bridge Cost	\$664,798.60
Description	WB SR 70 OVER TIGER BAY - BRIDGE 040031 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82	CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50	LB	\$1.64	\$27,213.34
Bridge 5 Total					\$783,939.93

Bridge 6

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	76.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040031
Removal of Existing Structures area	2,646.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$241.74
Basic Bridge Cost	\$894,603.60
Description	EB SR 70 OVER TIGER BAY - BRIDGE 040031 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,646.00	SF	\$91.55	\$242,241.30
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20
415-1-9	REINF STEEL- APPROACH SLABS	22,330.00	LB	\$1.64	\$36,621.20
Bridge 6 Total					\$1,297,174.30

Bridge 7

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25

Structure No.	040032
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.08
Basic Bridge Cost	\$839,745.60
Description	WB SR 70 OVER MOSSY GULLY - BRIDGE 040032 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82	CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50	LB	\$1.64	\$27,213.34
Bridge 7 Total					\$958,886.93

Bridge 8

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040032
Removal of Existing Structures area	4,200.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.09
Basic Bridge Cost	\$1,130,025.60
Description	EB SR 70 OVER MOSSY GULLY - BRIDGE 040032 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	4,200.00	SF	\$91.55	\$384,510.00
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20
415-1-9	REINF STEEL- APPROACH SLABS	22,330.00	LB	\$1.64	\$36,621.20
Bridge 8 Total					\$1,674,865.00

Bridge 9

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	76.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040033
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$241.74
Basic Bridge Cost	\$664,798.60
Description	WB SR 70 OVER D.C.I. CANAL - BRIDGE 040033 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82 CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50 LB	\$1.64	\$27,213.34
Bridge 9 Total				\$783,939.93

Bridge 10

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	76.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040033
Removal of Existing Structures area	2,142.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$241.74
Basic Bridge Cost	\$894,603.60
Description	EB SR 70 OVER D.C.I. CANAL - BRIDGE 040033 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,142.00 SF	\$91.55	\$196,100.10
400-2-10	CONC CLASS II, APPROACH SLABS	127.60 CY	\$969.50	\$123,708.20
415-1-9	REINF STEEL- APPROACH SLABS	22,330.00 LB	\$1.64	\$36,621.20
Bridge 10 Total				\$1,251,033.10

Bridge 11

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040037
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.08
Basic Bridge Cost	\$839,745.60
Description	WB SR 70 OVER LONG POINT MARSH - BRIDGE 040037 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82 CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50 LB	\$1.64	\$27,213.34
Bridge 11 Total				\$958,886.93

Bridge 12

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	57.42
Type	Low Level
Cost Factor	1.25
Structure No.	040037
Removal of Existing Structures area	3,528.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.09
Basic Bridge Cost	\$1,130,025.60

Description EB SR 70 OVER LONG POINT MARSH - BRIDGE 040037 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	3,528.00	SF	\$91.55	\$322,988.40
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20
415-1-9	REINF STEEL- APPROACH SLABS	22,330.00	LB	\$1.64	\$36,621.20
Bridge 12 Total					\$1,613,343.40

Bridge 13

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	42.67
Type	Low Level
Cost Factor	1.25
Structure No.	040940
Removal of Existing Structures area	0.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.08
Basic Bridge Cost	\$839,745.60

Description WB SR 70 OVER PARKER CREEK - BRIDGE 040940 (1 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	94.82	CY	\$969.50	\$91,927.99
415-1-9	REINF STEEL- APPROACH SLABS	16,593.50	LB	\$1.64	\$27,213.34
Bridge 13 Total					\$958,886.93

Bridge 14

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	96.00
Width (LF)	57.42

Type	Low Level
Cost Factor	1.25
Structure No.	040940
Removal of Existing Structures area	4,200.00
Default Cost per SF	\$164.00
Factored Cost per SF	\$205.00
Final Cost per SF	\$234.09
Basic Bridge Cost	\$1,130,025.60
Description	EB SR 70 OVER PARKER CREE - BRIDGE 040940 (2 OF 2)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	4,200.00	SF	\$91.55	\$384,510.00
400-2-10	CONC CLASS II, APPROACH SLABS	127.60	CY	\$969.50	\$123,708.20
415-1-9	REINF STEEL- APPROACH SLABS	22,330.00	LB	\$1.64	\$36,621.20
Bridge 14 Total					\$1,674,865.00
Bridges Component Total					\$18,959,298.53

Sequence 4 Total	\$47,754,687.12
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Sequence: 5 WDR - Widen/Resurface, Divided, Rural

Net Length: 0.921 MI
4,864 LF

Description: Segment 9 - Widening for Full Reconstruction Limits

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	100.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.921
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
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	22.33	AC	\$15,000.00	\$334,950.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	1,562.60	CY	\$15.45	\$24,142.17
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	15,496.40	CY	\$35.20	\$545,473.28

Earthwork Component Total \$904,565.45

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	24.00 / 24.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	26,297.68	SY	\$22.53	\$592,486.73
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	4,280.26	TN	\$162.58	\$695,884.67
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1,037.64	TN	\$251.09	\$260,541.03

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION Comment: Mainline and Shoulder (84' x 4,864')	45,398.00 SY	\$8.83	\$400,864.34
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C Comment: For 2" additional thickness for 1-Foot Base Clearance Areas (24' x 40')/9 x 220 /2000 = 12 TN	12.00 TN	\$162.58	\$1,950.96
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	34.00 GM	\$1,789.36	\$60,838.24
704-1-4	TUBULAR MARKER, 36" YELLOW POST	33.00 EA	\$230.96	\$7,621.68
706-1-3	RAISED PAVMT MARK, TYPE B	2,344.00 EA	\$5.04	\$11,813.76
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.80 GM	\$1,369.30	\$2,464.74
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.90 GM	\$543.24	\$488.92
710-11-201	PAINTED PAVT MARK,STD,YELLOW,SOLID,6"	3.50 GM	\$1,321.79	\$4,626.27
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	19.50 GM	\$5,014.99	\$97,792.30
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	19.50 GM	\$2,295.11	\$44,754.64
711-15-201	THERMOPLASTIC, STD- OP,YELLOW, SOLID, 6"	19.50 GM	\$5,012.47	\$97,743.16

Turnouts/Crossovers Subcomponent

Description	Value
Asphalt Adjustment	10.00
Milling Code	N
Stabilization Code	Y
Base Code	Y
Friction Course Code	Y

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	2,629.77 SY	\$22.53	\$59,248.72

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

Roadway Component Total

\$2,339,120.19

SHOULDER COMPONENT**User Input Data**

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	64.00 / 64.00
Total Outside Shoulder Perf. Turf Width L/R	51.00 / 39.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00

New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	5,761.06	SY	\$18.01	\$103,756.69
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	445.86	TN	\$162.58	\$72,487.92
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	216.17	TN	\$251.09	\$54,278.13
570-1-1	PERFORMANCE TURF	48,639.36	SY	\$4.21	\$204,771.71

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	11,187.05	LF	\$2.61	\$29,198.20
104-11	FLOATING TURBIDITY BARRIER	92.12	LF	\$13.66	\$1,258.36
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	92.12	LF	\$9.73	\$896.33
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$6,132.68	\$6,132.68
107-1	LITTER REMOVAL	6.70	AC	\$77.25	\$517.58
107-2	MOWING	6.70	AC	\$84.58	\$566.69

Shoulder Component Total

\$473,864.29

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	32.00
New Total Median Shoulder Width L/R	20.00 / 20.00
New Paved Median Shoulder Width L/R	4.00 / 4.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	4,680.19	SY	\$18.01	\$84,290.22
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	356.69	TN	\$162.58	\$57,990.66
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	172.94	TN	\$251.09	\$43,423.50
570-1-1	PERFORMANCE TURF	17,293.99	SY	\$4.21	\$72,807.70

Median Component Total

\$258,512.08

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND, 24"SD	736.00	LF	\$230.93	\$169,964.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	80.00	LF	\$319.75	\$25,580.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	37.00	EA	\$3,736.34	\$138,244.58
570-1-1	PERFORMANCE TURF	648.52	SY	\$4.21	\$2,730.27

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	138.00	EA	\$8,955.49	\$1,235,857.62
425-2-61	MANHOLES, P-8, <10'	7.00	EA	\$8,480.37	\$59,362.59
425-2-91	MANHOLES, J-8, <10'	7.00	EA	\$13,030.98	\$91,216.86
430-173-142	PIPE CULV OPT MATL, ROUND, 42"GD	2,760.00	LF	\$350.00	\$966,000.00
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	6,200.00	LF	\$230.96	\$1,431,952.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	4,824.00	LF	\$319.75	\$1,542,474.00

Drainage Component Total

\$5,663,382.40

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	89.00	EA	\$507.60	\$45,176.40
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	26.00	EA	\$1,908.97	\$49,633.22
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	21.00	EA	\$353.31	\$7,419.51
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	32.00	EA	\$49.59	\$1,586.88
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	21.00	EA	\$7,065.02	\$148,365.42
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	21.00	EA	\$1,294.24	\$27,179.04

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-13-15	RETROREFLECTIVE SIGN STRIP- F&I, 5'	22.00	EA	\$94.93	\$2,088.46

Signing Component Total

\$281,448.93

Sequence 5 Total

\$9,920,893.34

Sequence: 6 WDR - Widen/Resurface, Divided, Rural

Net Length: 0.408 MI
2,154 LF

Description: Path on the north side of the road from MP 15.851 to 16.259

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	0
Existing Roadway Pavement Width L/R	0.00 / 0.00
Structural Spread Rate	220
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	2.00 GM	\$5,014.99	\$10,029.98

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	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.63 GM	\$1,369.30	\$2,231.96

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 10.00
Bike Path Structural Spread Rate	165
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,351.04 SY	\$8.83	\$29,589.68
285-701	OPTIONAL BASE,BASE GROUP 01	2,393.60 SY	\$18.01	\$43,108.74
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	197.47 TN	\$162.58	\$32,104.67

Roadway Component Total	\$117,065.03
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SIGNING COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	100.00 EA	\$507.60	\$50,760.00
Signing Component Total				\$50,760.00

Sequence 6 Total	\$167,825.03
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Sequence: 7 RSU - Resurfacing, Undivided

Net Length: 0.689 MI
3,638 LF

Description: RENUMBER TO SEQ 4 -- M&R Existing Shared Use Path for MP 14.973 to 15.748

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	0.00 / 10.00
Structural Spread Rate	165
Friction Course Spread Rate	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
327-70-12	MILLING EXIST ASPH PAVT,1 1/4" AVG DEPTH	4,042.13 SY	\$5.14	\$20,776.55
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	333.48 TN	\$162.58	\$54,217.18

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

Roadway Component Total	\$74,993.73
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Sequence 7 Total	\$74,993.73
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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 451942-1-22-01

Letting Date: 01/2099

Description: SR70 FROM CR760 TO HIGHLANDS COUNTY LINE

District: 01 **County:** 04 DESOTO

Market Area: 09 **Units:** English

Contract Class: 9 **Lump Sum Project:** N

Design/Build: Y **Project Length:** 11.573 MI

Project Manager: JMK-MMS-JOE

Version 5 Project Grand Total

\$284,133,301.49

Description: April 2025 EOR Markups from Version 4-4/17/25

Project Sequences Subtotal	\$166,290,909.96
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102-1	Maintenance of Traffic	15.00 %	\$24,943,636.49
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101-1	Mobilization	10.00 %	\$19,123,454.65
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Project Sequences Total	\$210,358,001.10
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Project Unknowns	25.00 %	\$52,589,500.28
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Design/Build	8.00 %	\$21,035,800.11
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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 5 Project Grand Total

\$284,133,301.49

APPENDIX D
TYPICAL SECTION PACKAGE

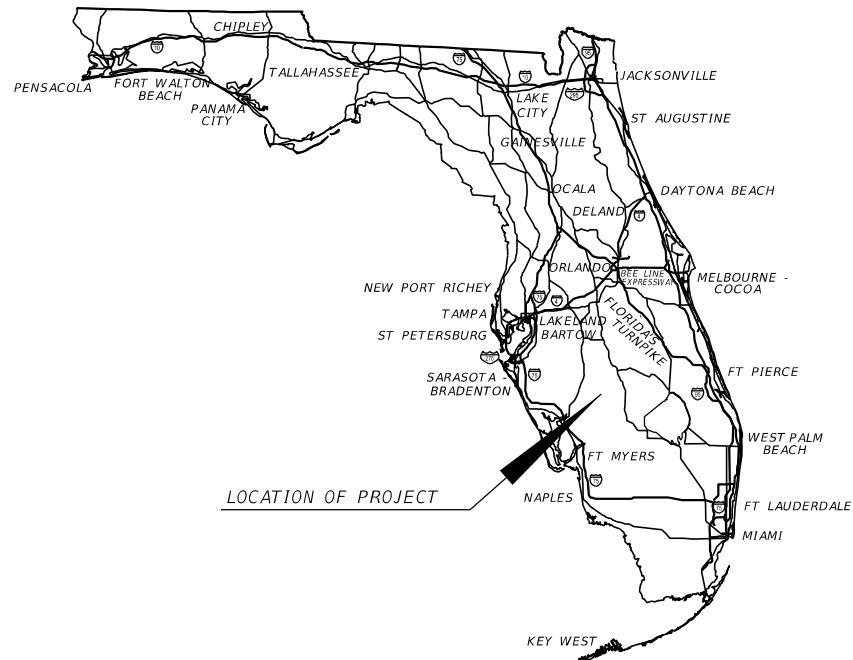
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

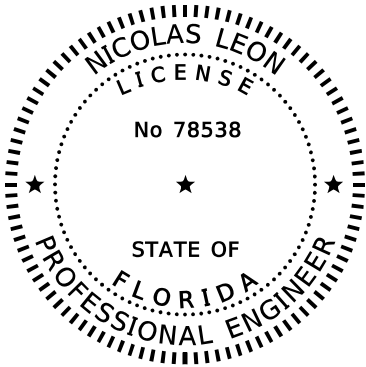
FINANCIAL PROJECT ID 451942-2-52-01
DESOTO COUNTY (04040000)
STATE ROAD NO. 70
ADD LANES AND RECONSTRUCT
FROM WEST OF SR 31 TO THE HIGHLANDS COUNTY LINE

FDOT DISTRICT DESIGN ENGINEER	FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER
CONCURRING WITH: TYPICAL SECTION ELEMENTS TARGET SPEED DESIGN & POSTED SPEEDS	CONCURRING WITH: TARGET SPEED DESIGN & POSTED SPEEDS
FDOT DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER	FDOT DISTRICT STRUCTURES DESIGN ENGINEER
CONCURRING WITH: CONTEXT CLASSIFICATION TARGET SPEED	CONCURRING WITH: TYPICAL SECTION ELEMENTS TARGET SPEED
FHWA TRANSPORTATION ENGINEER	LOCAL TRANSPORTATION ENGINEER
CONCURRING WITH: TYPICAL SECTION ELEMENTS	CONCURRING WITH: TYPICAL SECTION ELEMENTS
NOT USED	NOT USED
CONCURRING WITH:	CONCURRING WITH:

PROJECT LOCATION URL: <https://tinyurl.com/y9623uwm>
<https://tinyurl.com/3v7essae>
PROJECT LIMITS: BEGIN M.P. 14.973 - END M.P. 31.763
EXCEPTIONS: NONE
BRIDGE LIMITS: 040024 - M.P. 16.896-16.919
040027 - M.P. 19.705-19.728
RAILROAD CROSSING: NONE



APPROVED BY:



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

HNTB CORPORATION
555 NORTH BROADWAY AVE
BARTOW, FL 33830
CERTIFICATE OF AUTHORIZATION: 6500
NICOLAS LEON, P.E. NO. 78538

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF SHEETS

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION NO. 1
3	TYPICAL SECTION NO. 2
4	TYPICAL SECTION NO. 3
5	TYPICAL SECTION NO. 4
6	TYPICAL SECTION NO. 5
7	TYPICAL SECTION NO. 6
8	TYPICAL SECTION NO. 7

SHEET
NO.

1

PROJECT CONTROLS					
CONTEXT CLASSIFICATION () C1 : NATURAL (X) C3C : SUBURBAN COMM. () C2 : RURAL () C4 : URBAN GENERAL () C2T : RURAL TOWN () C5 : URBAN CENTER () C3R : SUBURBAN RES. () C6 : URBAN CORE () N/A : L.A. FACILITY					
FUNCTIONAL CLASSIFICATION () INTERSTATE () MAJOR COLLECTOR () FREEWAY/EXPWY. () MINOR COLLECTOR (X) PRINCIPAL ARTERIAL () LOCAL () MINOR ARTERIAL					
HIGHWAY SYSTEM () NATIONAL HIGHWAY SYSTEM (X) STRATEGIC INTERMODAL SYSTEM (X) STATE HIGHWAY SYSTEM () OFF-STATE HIGHWAY SYSTEM					
ACCESS CLASSIFICATION () 1 - FREEWAY () 2 - RESTRICTIVE w/Service Roads (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing (X) 5 - RESTRICTIVE w/440 ft. Connection Spacing () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing () 7 - BOTH MEDIAN TYPES					
CRITERIA (X) NEW CONSTRUCTION / RECONSTRUCTION () RESURFACING (LA FACILITIES) () RRR (ARTERIALS & COLLECTORS)					
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION: MEDIAN WIDTH VARIATION					
TYPICAL SECTION No. 1 SR 70 STA. 4006+64.47 TO STA. 4043+00.00 NOT TO SCALE TRAFFIC DATA CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 55 MPH POSTED SPEED = 45 & 55 MPH TARGET SPEED = 45 & 55 MPH <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451942-2-52-01</td><td>2</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451942-2-52-01	2
FINANCIAL PROJECT ID	SHEET NO.				
451942-2-52-01	2				

PROJECT CONTROLS

CONTEXT CLASSIFICATION

() C1 : NATURAL	() C3C : SUBURBAN COMM.
(X) C2 : RURAL	() C4 : URBAN GENERAL
() C2T : RURAL TOWN	() C5 : URBAN CENTER
() C3R : SUBURBAN RES.	() C6 : URBAN CORE
() N/A : L.A. FACILITY	

FUNCTIONAL CLASSIFICATION

() INTERSTATE	() MAJOR COLLECTOR
() FREEWAY/EXPWY.	() MINOR COLLECTOR
(X) PRINCIPAL ARTERIAL	() LOCAL
() MINOR ARTERIAL	

HIGHWAY SYSTEM

() NATIONAL HIGHWAY SYSTEM
(X) STRATEGIC INTERMODAL SYSTEM
(X) STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

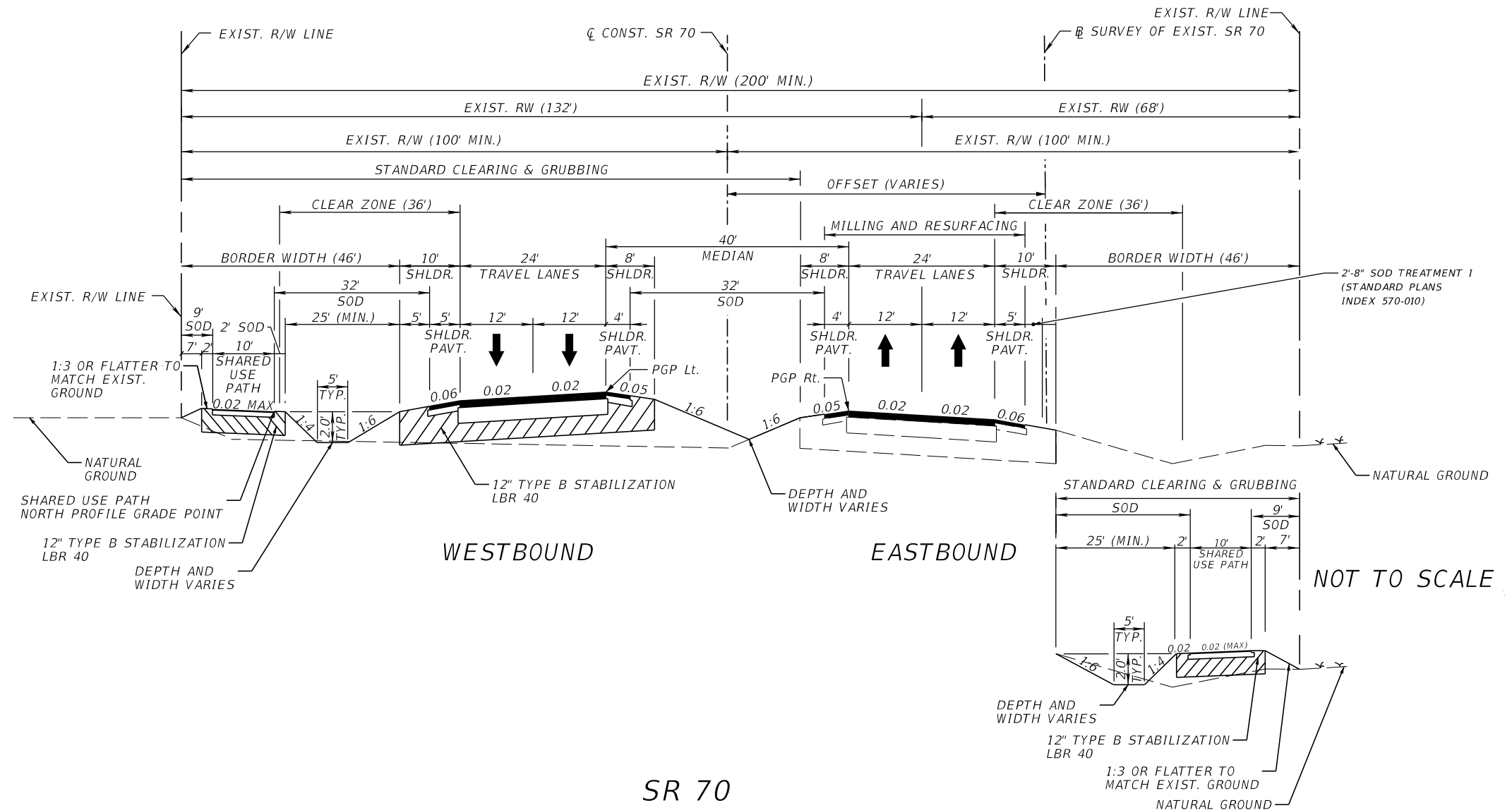
- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 2



SR 70

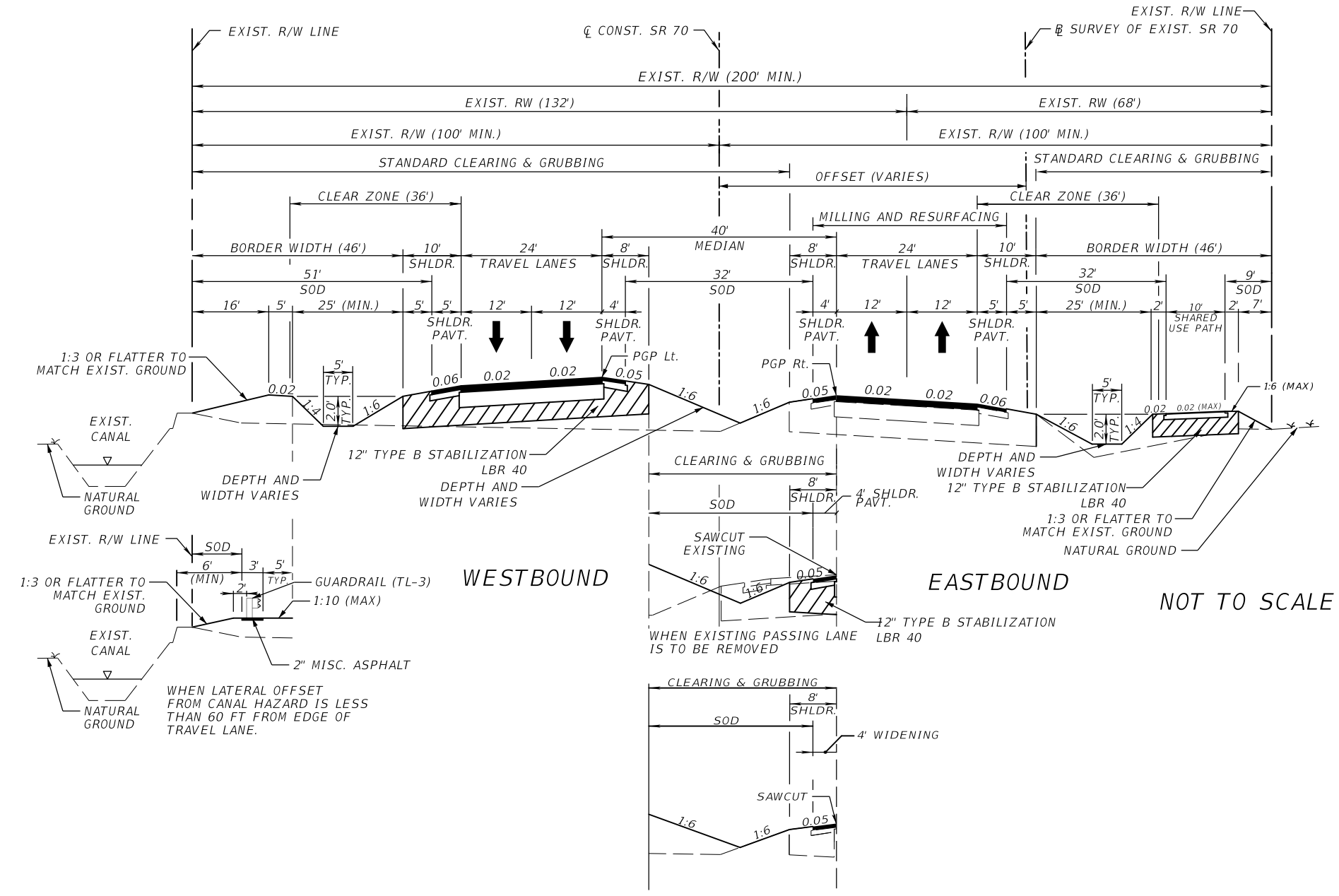
STA. 4043+00.00 TO STA. 4064+19.95
STA. 4079+53.93 TO STA. 4094+73.33
STA. 4145+36.01 TO STA. 4244+49.64
STA. 4264+90.87 TO STA. 4271+68.65

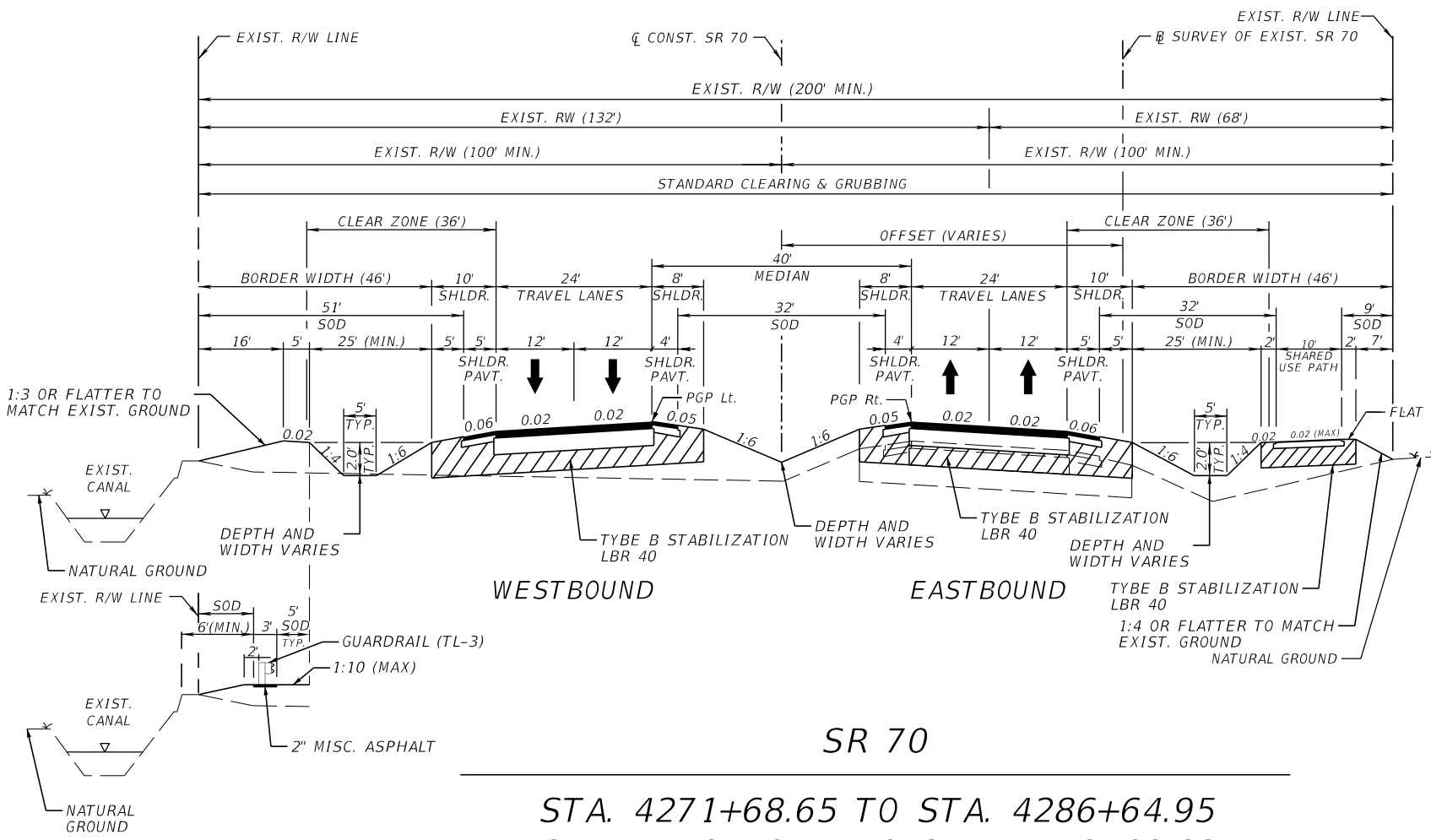
TRAFFIC DATA

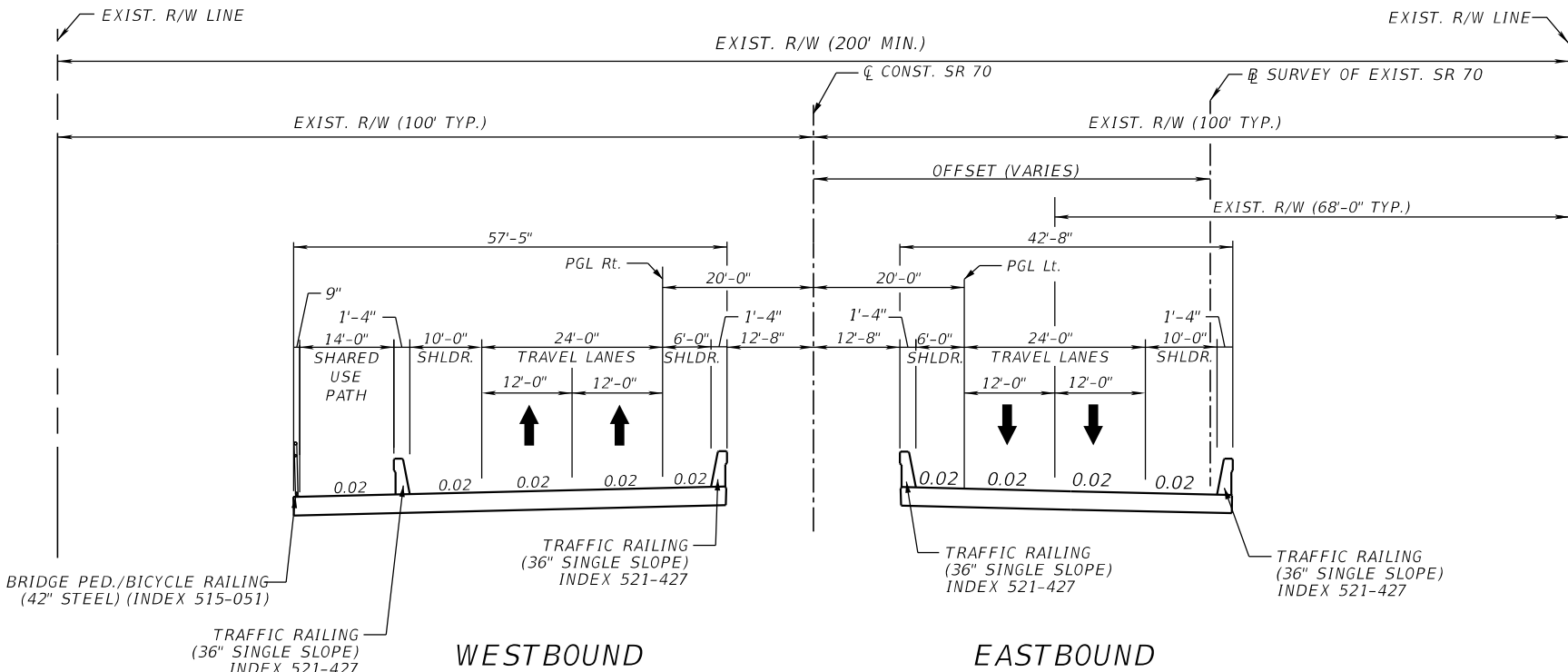
CURRENT YEAR = 2024 AADT = 13700
ESTIMATED OPENING YEAR = 2030 AADT = 14200
ESTIMATED DESIGN YEAR = 2050 AADT = 15900
K = 9% D = 54.3% T = 14.9% (24 HOUR)
DESIGN HOUR T = 7.5%
DESIGN SPEED = 65 MPH
POSTED SPEED = 65 MPH
TARGET SPEED = 65 MPH

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
<i>451942-2-52-01</i>	<i>3</i>

PROJECT CONTROLS		TYPICAL SECTION No. 3	
CONTEXT CLASSIFICATION			
FUNCTIONAL CLASSIFICATION			
HIGHWAY SYSTEM			
ACCESS CLASSIFICATION		NOT TO SCALE	
CRITERIA		SR 70	
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:		STA. 4064+19.95 TO STA. 4079+53.93 STA. 4094+73.33 TO STA. 4105+41.78 STA. 4106+81.78 TO STA. 4145+36.01 STA. 4244+49.64 TO STA. 4253+70.75 STA. 4255+50.75 TO STA. 4264+90.87	
TRAFFIC DATA			
CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 65 MPH POSTED SPEED = 65 MPH TARGET SPEED = 65 MPH			
		FINANCIAL PROJECT ID	
		SHEET NO.	
		451942-1-52-01	
		4	

PROJECT CONTROLS	TYPICAL SECTION No. 4		
CONTEXT CLASSIFICATION () C1 : NATURAL (X) C2 : RURAL () C2T : RURAL TOWN () C3R : SUBURBAN RES. () N/A : L.A. FACILITY () C3C : SUBURBAN COMM. () C4 : URBAN GENERAL () C5 : URBAN CENTER () C6 : URBAN CORE	 SR 70 STA. 4286+64.95 TO STA. 4410+10.51 STA. 4427+42.13 TO STA. 4481+56.72 STA. 4497+30.17 TO STA. 4510+11.26 STA. 4530+81.42 TO STA. 4564+14.62 STA. 4591+01.08 TO STA. 4661+49.19 STA. 4677+70.00 TO STA. 4838+37.68 STA. 4854+41.82 TO STA. 4890+15.00		
FUNCTIONAL CLASSIFICATION () INTERSTATE (X) FREEWAY/EXPWY. (X) PRINCIPAL ARTERIAL () MINOR ARTERIAL () MAJOR COLLECTOR () MINOR COLLECTOR () LOCAL	TRAFFIC DATA CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 65 MPH POSTED SPEED = 65 MPH TARGET SPEED = 65 MPH FINANCIAL PROJECT ID 451942-2-52-01 SHEET NO. 5		

PROJECT CONTROLS		TYPICAL SECTION No. 5					
CONTEXT CLASSIFICATION C1 : NATURAL C2 : RURAL C2T : RURAL TOWN C3R : SUBURBAN RES. N/A : L.A. FACILITY C3C : SUBURBAN COMM. C4 : URBAN GENERAL C5 : URBAN CENTER C6 : URBAN CORE							
FUNCTIONAL CLASSIFICATION INTERSTATE FREEWAY/EXPWY. PRINCIPAL ARTERIAL MINOR ARTERIAL MAJOR COLLECTOR MINOR COLLECTOR LOCAL		SR 70 STA. 4271+68.65 TO STA. 4286+64.95 STA. 4410+10.51 TO STA. 4418+62.68 STA. 4419+38.68 TO STA. 4427+42.13 STA. 4481+56.72 TO STA. 4488+82.87 STA. 4489+78.87 TO STA. 4497+30.17 STA. 4510+11.26 TO STA. 4517+17.94 STA. 4517+93.94 TO STA. 4530+81.42 STA. 4564+14.62 TO STA. 4591+01.08 STA. 4661+19.19 TO STA. 4669+40.27 STA. 4670+36.27 TO STA. 4677+70.00 STA. 4838+37.68 TO STA. 4845+92.30 STA. 4846+88.30 TO STA. 4854+41.82					
HIGHWAY SYSTEM NATIONAL HIGHWAY SYSTEM STRATEGIC INTERMODAL SYSTEM STATE HIGHWAY SYSTEM OFF-STATE HIGHWAY SYSTEM		TRAFFIC DATA CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 65 MPH POSTED SPEED = 65 MPH TARGET SPEED = 65 MPH					
ACCESS CLASSIFICATION 1 - FREEWAY 2 - RESTRICTIVE w/Service Roads 3 - RESTRICTIVE w/660 ft. Connection Spacing 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing 5 - RESTRICTIVE w/440 ft. Connection Spacing 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing 7 - BOTH MEDIAN TYPES		CRITERIA NEW CONSTRUCTION / RECONSTRUCTION RESURFACING (LA FACILITIES) RRR (ARTERIALS & COLLECTORS)					
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:		<table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451942-2-52-01</td><td>6</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451942-2-52-01	6
FINANCIAL PROJECT ID	SHEET NO.						
451942-2-52-01	6						

PROJECT CONTROLS		TYPICAL SECTION No. 6					
CONTEXT CLASSIFICATION () C1 : NATURAL (X) C2 : RURAL () C2T : RURAL TOWN () C3R : SUBURBAN RES. () N/A : L.A. FACILITY () C3C : SUBURBAN COMM. () C4 : URBAN GENERAL () C5 : URBAN CENTER () C6 : URBAN CORE							
FUNCTIONAL CLASSIFICATION () INTERSTATE (X) FREEWAY/EXPWY. (X) PRINCIPAL ARTERIAL () MINOR ARTERIAL () MAJOR COLLECTOR () MINOR COLLECTOR () LOCAL							
HIGHWAY SYSTEM () NATIONAL HIGHWAY SYSTEM (X) STRATEGIC INTERMODAL SYSTEM (X) STATE HIGHWAY SYSTEM () OFF-STATE HIGHWAY SYSTEM							
ACCESS CLASSIFICATION () 1 - FREEWAY () 2 - RESTRICTIVE w/Service Roads (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing () 5 - RESTRICTIVE w/440 ft. Connection Spacing () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing () 7 - BOTH MEDIAN TYPES							
CRITERIA (X) NEW CONSTRUCTION / RECONSTRUCTION () RESURFACING (LA FACILITIES) () RRR (ARTERIALS & COLLECTORS)		SR 70 BRIDGE OVER WHIDDEN CREEK (#0024) SR 70 BRIDGE OVER JOSHUA CREEK (#0027) STA. 4105+41.78 TO STA. 4106+81.78 STA. 4253+70.75 TO STA. 4255+50.75					
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:		TRAFFIC DATA CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 65 MPH POSTED SPEED = 65 MPH TARGET SPEED = 65 MPH BRIDGE NO. TBD <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451942-2-52-01</td><td>7</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451942-2-52-01	7
FINANCIAL PROJECT ID	SHEET NO.						
451942-2-52-01	7						

PROJECT CONTROLS	
CONTEXT CLASSIFICATION () C1 : NATURAL (X) C2 : RURAL () C2T : RURAL TOWN () C3R : SUBURBAN RES. () N/A : L.A. FACILITY () C3C : SUBURBAN COMM. () C4 : URBAN GENERAL () C5 : URBAN CENTER () C6 : URBAN CORE	
FUNCTIONAL CLASSIFICATION () INTERSTATE (X) FREEWAY/EXPWY. (X) PRINCIPAL ARTERIAL () MINOR ARTERIAL () MAJOR COLLECTOR () MINOR COLLECTOR () LOCAL	
HIGHWAY SYSTEM () NATIONAL HIGHWAY SYSTEM (X) STRATEGIC INTERMODAL SYSTEM (X) STATE HIGHWAY SYSTEM () OFF-STATE HIGHWAY SYSTEM	
ACCESS CLASSIFICATION () 1 - FREEWAY () 2 - RESTRICTIVE w/Service Roads (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing () 5 - RESTRICTIVE w/440 ft. Connection Spacing () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing () 7 - BOTH MEDIAN TYPES	
CRITERIA (X) NEW CONSTRUCTION / RECONSTRUCTION () RESURFACING (LA FACILITIES) () RRR (ARTERIALS & COLLECTORS)	
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:	
TYPICAL SECTION No. 7 The diagram illustrates a typical cross-section of a two-lane highway bridge. It is divided into a Westbound section on the left and an Eastbound section on the right. The Westbound section includes a 42'-8" wide travel lane area with two 12'-0" lanes, flanked by 10'-0" shoulders. The Eastbound section includes a 57'-5" wide travel lane area with two 12'-0" lanes, flanked by 10'-0" shoulders and a 14'-0" shared use path. Both sections feature 36" single slope traffic railings and 42" steel bridge pedestrian/bicycle railings. The diagram also shows the existing right-of-way (R/W) lines and the proposed construction right-of-way (R/W) for the bridge. The bridge is labeled as SR 70 and is shown crossing over a canal or gully. The diagram is labeled 'NOT TO SCALE'. WESTBOUND EASTBOUND NOT TO SCALE SR 70 BRIDGE OVER TIGER BAY (#040031) SR 70 BRIDGE OVER MOSSY GULLY (#040032) SR 70 BRIDGE OVER D.C.I CANAL (#040033) SR 70 BRIDGE OVER LONG POINT MARSH (#040037) SR 70 BRIDGE OVER PARKER CREEK (#040940) STA. 4418+62.68 TO STA. 4419+38.68 STA. 4488+82.87 TO STA. 4489+78.87 STA. 4517+17.94 TO STA. 4517+93.94 STA. 4669+40.27 TO STA. 4670+36.27 STA. 4845+92.30 TO STA. 4846+88.30 TRAFFIC DATA CURRENT YEAR = 2024 AADT = 13700 ESTIMATED OPENING YEAR = 2030 AADT = 14200 ESTIMATED DESIGN YEAR = 2050 AADT = 15900 K = 9% D = 54.3% T = 14.9% (24 HOUR) DESIGN HOUR T = 7.5% DESIGN SPEED = 65 MPH POSTED SPEED = 65 MPH TARGET SPEED = 65 MPH BRIDGE NO. TBD FINANCIAL PROJECT ID 451942-2-52-01 SHEET NO. 8	