

Project: 08CAR-KY 32/Item No. 8812  
 Date: 5/29/2024

	In Town A	In Town B	In Town C	Low Cost A	Low Cost B	Low Cost C	Low Cost D	Med Impact B
Concept	Ped Improvements at KY 32/36	Mid Block Cross Walks	North of Town Striping	6" Thermo - Corridor	Chevron Signs - Corridor	Lake Road Intersection Restriping	Guardrail + T-Rail - Corridor	Sight Distance - Corridor
D	\$30,000	\$20,000	\$15,000	\$30,000	\$10,000	\$10,000	\$400,000	\$100,000
R	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$250,000
U	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$200,000
C	\$240,000	\$60,000	\$150,000	\$310,000	\$70,000	\$30,000	\$4,000,000	\$1,000,000
TOTAL	\$270,000	\$80,000	\$165,000	\$340,000	\$80,000	\$40,000	\$4,550,000	\$1,550,000

	Reconstructions		Pulloffs	
Concept	Full Reconstruction	Stoney Creek Intersection	SB Pulloff	NB Pulloff
D	\$4,500,000	\$360,000	\$50,000	\$50,000
R	\$6,000,000	\$350,000	\$30,000	\$30,000
U	\$4,500,000	\$650,000	\$20,000	\$100,000
C	\$46,100,000	\$3,600,000	\$200,000	\$300,000
TOTAL	\$61,100,000	\$4,960,000	\$300,000	\$480,000

	Curve Corrections						
Concept	Curve 3.5-Green Valley Road	C4-6 Lake Road	C8-10	C12-15	C18-20 Stoney Creek Rd.	C25-26	C27-30 Adams Lane
D	\$225,000	\$525,000	\$150,000	\$500,000	\$175,000	\$200,000	\$300,000
R	\$300,000	\$350,000	\$300,000	\$650,000	\$75,000	\$250,000	\$250,000
U	\$75,000	\$125,000	\$150,000	\$150,000	\$250,000	\$180,000	\$110,000
C	\$700,000	\$5,200,000	\$1,700,000	\$4,700,000	\$1,400,000	\$1,800,000	\$2,900,000
TOTAL	\$1,300,000	\$6,200,000	\$2,300,000	\$6,000,000	\$1,900,000	\$2,430,000	\$3,560,000

	LOS 2 Addition 1	LOS 2 Addition 2	LOS 2 Addition 3
Concept	4-way Stop at KY 32/KY36	Henryville Sidewalks	Adams Lane Sight Distance (formerly culvert extension)
D	\$5,000	\$100,000	\$25,000
R	\$0	\$100,000	\$50,000
U	\$0	\$150,000	\$75,000
C	\$50,000	\$900,000	\$200,000
TOTAL	\$55,000	\$1,250,000	\$350,000

**Project:** 08CAR-KY 32/Item No. 8812

**Date:** 5/1/2024

Unit Price Assumptions

Category	Item	Unit Price	Per	Notes/Source
Modeled	2200 Roadway Excavation (less than 25K CY)	\$39	CY	BidX
Modeled	2200 Roadway Excavation (over 25K CY)	\$14	CY	BidX
	2230 Embankment in Place (less than 2K CY)	\$60	CY	BidX
	2230 Embankment in Place (over 2K CY)	\$26	CY	BidX
	001 DGA	\$38	Ton	BidX; 115 lbs/SY
	2677 Asphalt Milling	\$37	Ton	BidX; 110 lbs/SY
	212 Asphalt Base	\$105	Ton	BidX; 110 lbs/SY
	301 Asphalt Surface	\$121	Ton	BidX; 110 lbs/SY
	1810 Curb & Gutter	\$50	LF	BidX
	2720 Concrete Sidewalk	\$172	SY	BidX
	Concrete CL A	\$1,000	CY	BidX
	Lighting	\$100	LF	
	Guardrail	\$35	LF	
	Guardrail Endtreatments	\$3,300	Ea	BidX
	1982 Delineator for Guardrail	\$15	Ea	BidX
	6543 PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	\$2	LF	BidX
	6542 PAVE STRIPING-THERMO-6 IN	\$1	LF	BidX
	6546 PAVE STRIPING-THERMO-12 IN	\$15	LF	BidX
	6569 Thermo Cross-Hatch	\$6	SF	BidX
	Chevrons-All Inclusive	\$350	Ea	Includes oversized chevron, post, CL A
	Structure	\$200	SF	FHWA Range
Railroad	Flagger	\$1,500	Day	Boyd County US 60
	New Traffic Signal	\$200,000	LS	Ave Cost \$200-500k per research
Parametric	Drainage	20%		
	Mob/Demob	3%		
	MOT	3%		
	Misc	25%		
From District	ROW	-		
	Utilities	-		
Contingency	-	30%		
Escalation	-	0%		

**Bid Tab Analysis Search**

**Item:**  **Date Range:** From:  To:

Smart Item Search

**Description:**  **Quantity Range:** From:  To:

**Proposal It:**  **Price Range:** From:  To:

**County:**  **Unit:**

**Low Bidder:**

Concept: **Ped Improvements at KY 32/36**  
 Description: **Curb exts, Hi-Vis Xwalks, Parking restrictions**  
**Includes milling and resurfacing**

**Calculations**

	Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>						<b>\$ 21,725</b>
2677	2677 Asphalt Milling	TON	\$ 37.00	138	\$ 5,088	
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00		\$ -	
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	138	\$ 16,638	
<b>Concrete</b>						<b>\$ 86,300</b>
2720	2720 Concrete Sidewalk	SY	\$ 172.00	400	\$ 68,800	
1810	1810 Curb & Gutter	LF	\$ 50.00	350	\$ 17,500	
					\$ -	
<b>Other</b>						<b>\$ 13,470</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	2,400	\$ 3,720	
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -	
6546	6546 PAVE STRIPING-THERMO-12 IN	LF	\$ 15.00	650	\$ 9,750	
<b>Parametric</b>						<b>\$ 61,962</b>
	DRAINAGE	LS	20%		\$ 24,299	
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 3,645	
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 3,645	
	MISCELLANEOUS	LS	25%		\$ 30,374	
<b>Contingency</b>						<b>\$ 55,037</b>
	Contingency	LS	30%		\$ 55,037	
<b>Escalation</b>						<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -	
<b>Construction</b>						<b>\$ 238,495</b>

Concept: **Mid Block Cross Walks**  
 Description: **Between courthouse and Library/Church**

**Calculations**

	Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>						<b>\$ -</b>
2677	2677 Asphalt Milling	TON	\$ 37.00		\$ -	
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00		\$ -	
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00		\$ -	
<b>Concrete</b>						<b>\$ 23,760</b>
2720	2720 Concrete Sidewalk	SY	\$ 172.00	80	\$ 13,760	
1810	1810 Curb & Gutter	LF	\$ 50.00	200	\$ 10,000	
					\$ -	
					\$ -	
<b>Other</b>						<b>\$ 7,470</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	2,400	\$ 3,720	
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -	
6546	6546 PAVE STRIPING-THERMO-12 IN	LF	\$ 15.00	250	\$ 3,750	
<b>Parametric</b>						<b>\$ 15,927</b>
	DRAINAGE	LS	20%		\$ 6,246	
2569	MOBILIZATION/DEMobilIZATION	LS	3%		\$ 937	
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 937	
	MISCELLANEOUS	LS	25%		\$ 7,808	
<b>Contingency</b>						<b>\$ 14,147</b>
	Contingency	LS	30%		\$ 14,147	
<b>Escalation</b>						<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -	
<b>Construction</b>						<b>\$ 61,304</b>

Concept: **North of Town Striping**  
 Description: Resurface and restriping with 6" Thermo

BMP:  
 EMP:  
 Length (ft): 1500

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	1500	36	
Full Depth Pavement			
Surface	1500	36	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 65,175</b>
2677	2677 Asphalt Milling	TON	\$ 37.00	413	\$ 15,263
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00		\$ -
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	413	\$ 49,913
<b>Concrete</b>					<b>\$ -</b>
<b>Other</b>					<b>\$ 9,300</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	6,000	\$ 9,300
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
<b>Parametric</b>					<b>\$ 37,982</b>
	DRAINAGE	LS	20%		\$ 14,895
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 2,234
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 2,234
	MISCELLANEOUS	LS	25%		\$ 18,619
<b>Contingency</b>					<b>\$ 33,737</b>
	Contingency	LS	30%		\$ 33,737
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 146,194</b>

Concept: **6" Thermo - Corridor**  
 Description: Restriping with 6" Thermo - Resurface not included

BMP: 10.300  
 EMP: 15.100  
 Length (ft): 25344

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ -</b>
2677	2677 Asphalt Milling	TON	\$ 37.00	\$ -	-
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	\$ -	-
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	\$ -	-
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00	\$ -	-
	Curb Box	EA	\$ -	\$ -	-
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00	\$ -	-
<b>Other</b>					<b>\$ 157,133</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	101,376	\$ 157,133
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17	\$ -	-
<b>Parametric</b>					<b>\$ 80,138</b>
	DRAINAGE	LS	20%	\$ 31,427	
2569	MOBILIZATION/DEMobilIZATION	LS	3%	\$ 4,714	
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%	\$ 4,714	
	MISCELLANEOUS	LS	25%	\$ 39,283	
<b>Contingency</b>					<b>\$ 71,181</b>
	Contingency	LS	30%	\$ 71,181	
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS		\$ -	
<b>Construction</b>					<b>\$ 308,452</b>

Concept: **Lake Road Intersection Restriping**  
 Description: Realign intersection by restriping only  
**Includes resurfacing**  
 BMP:  
 EMP:  
 Length (ft): 200

Length                      Width (PR)   Notes  
 Bridge(s)  
 Mainline/Paved  
 Full Depth Pavement  
 Surface                      200  
 Curb/Gutter  
 Sidewalk

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 5,546</b>
2200	ROADWAY EXCAVATION	CY	\$ 14.00	\$ -	
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	\$ -	
1	DGA Base	TON	\$ 38.00	\$ -	
2677	2677 Asphalt Milling	TON	\$ 37.00	\$ -	
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	\$ -	
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	46 \$ 5,546	
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00	\$ -	
	Curb Box	EA	\$ -	\$ -	
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00	\$ -	
<b>Other</b>					<b>\$ 8,440</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	800 \$ 1,240	
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17	\$ -	
6569	6569 Thermo Cross-Hatch	SF	\$ 6.00	1,200 \$ 7,200	
<b>Parametric</b>					<b>\$ 7,133</b>
	DRAINAGE	LS	20%	\$ 2,797	
2569	MOBILIZATION/DEMOBILIZATION	LS	3%	\$ 420	
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%	\$ 420	
	MISCELLANEOUS	LS	25%	\$ 3,496	
<b>Contingency</b>					<b>\$ 6,336</b>
	Contingency	LS	30%	\$ 6,336	
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS		\$ -	
<b>Construction</b>					<b>\$ 27,454</b>

Concept: **Chevron Signs -Corridor**  
 Description: Series of 5 for each C,D,E curve

12 C  
 8 D  
 4 E  
 24 Sets of Chevrons  
**96 Chevron Signs**

BMP: 9.950  
 EMP: 15.100  
 Length (ft): 27192

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ -</b>
2677	2677 Asphalt Milling	TON	\$ 37.00	\$ -	-
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	\$ -	-
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	\$ -	-
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00	\$ -	-
	Curb Box	EA	\$ -	\$ -	-
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00	\$ -	-
<b>Other</b>					<b>\$ 33,600</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	\$ -	-
	Chevrons-All inclusive	*Ea	\$ 350.00	96 \$	33,600
<b>Parametric</b>					<b>\$ 17,136</b>
	DRAINAGE	LS	20%	\$ 6,720	
2569	MOBILIZATION/DEMOBILIZATION	LS	3%	\$ 1,008	
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%	\$ 1,008	
	MISCELLANEOUS	LS	25%	\$ 8,400	
<b>Contingency</b>					<b>\$ 15,221</b>
	Contingency	LS	30%	\$ 15,221	
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS		\$ -	
<b>Construction</b>					<b>\$ 65,957</b>

Concept: **Guardrail + T-Rail - Corridor**      **26 Spots**  
 Description: **4 ft T-Rail widening included**      **\$ 38,170 per 100 ft**

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 783,627</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	6,222	\$ 242,667
2230	EMBANKMENT IN PLACE	CY			\$ -
	CRUSHED AGGREGATE SIZE NO 2	TON	\$ 42.00	12,880	\$ 540,960
1	DGA Base	TON			\$ -
212	CL2 ASPH BASE 1.00D PG64-22	TON			\$ -
301	CL2 ASPH SURF 0.38D PG64-22	TON			\$ -
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF			\$ -
	Curb Box	EA			\$ -
2720	SIDEWALK-4IN CONCRETE	SY			\$ -
<b>Other</b>					<b>\$ 1,467,425</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55		\$ -
3234	Railroad Rails-Drilled	LF	\$ 27.50	35,030	\$ 963,325
3236	Cribbing	SF	\$ 5.00	42,000	\$ 210,000
	Guardrail	LF	\$ 35.00	3,500	\$ 122,500
	Guardrail Endtreatments	EA	\$ 3,300.00	52	\$ 171,600
<b>Parametric</b>					<b>\$ 1,148,036</b>
	DRAINAGE	LS	20%		\$ 450,210
2569	MOBILIZATION/DEMobilIZATION	LS	3%		\$ 67,532
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 67,532
	MISCELLANEOUS	LS	25%		\$ 562,763
<b>Contingency</b>					<b>\$ 1,019,726</b>
	Contingency	LS	30%		\$ 1,019,726
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 4,418,814</b>

Concept: **Sight Distance**  
 Description: Clearing and cutting slopes inside curves

Calculations

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 702,338</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	14,163	\$ 552,338
					\$ -
2545	CLEARING AND GRUBBING (8 ACRES)	LS	\$ 150,000.00	1	\$ 150,000
					\$ -
					\$ -
<b>Concrete</b>					<b>\$ -</b>
					\$ -
					\$ -
					\$ -
<b>Other</b>					<b>\$ -</b>
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
<b>Parametric</b>					<b>\$ 358,192</b>
	DRAINAGE	LS	20%		\$ 140,468
2569	MOBILIZATION/DEMobilIZATION	LS	3%		\$ 21,070
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 21,070
	MISCELLANEOUS	LS	25%		\$ 175,584
<b>Contingency</b>					<b>\$ 318,159</b>
	Contingency	LS	30%		\$ 318,159
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 1,378,689</b>

Concept: **Full Reconstruction**  
 Description: 11 ft lanes/6/4 paved shldrs/45 mph design speed

BMP: 10.100  
 EMP: 15.000  
 Length (ft): 25872

**Brooks Lane**  
**TTI RR**

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	23760	30	
Full Depth Pavement	23760	30	
Surface	23760	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 22,300,093</b>
2200	ROADWAY EXCAVATION	CY	\$ 14.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	665,000	\$ 17,290,000
1	DGA Base	TON	\$ 38.00	18,216	\$ 692,208
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	34,848	\$ 3,659,040
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	5,445	\$ 658,845
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 1,158,912</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	95,040	\$ 147,312
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	24,000	\$ 840,000
	Guardrail Endtreatments	EA	\$ 3,300.00	52	\$ 171,600
<b>Parametric</b>					<b>\$ 11,964,093</b>
	DRAINAGE	LS	20%		\$ 4,691,801
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 703,770
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 703,770
	MISCELLANEOUS	LS	25%		\$ 5,864,751
<b>Contingency</b>					<b>\$ 10,626,929</b>
	Contingency	LS	30%		\$ 10,626,929
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 46,050,027</b>

Concept: **Stoney Creek Intersection**  
 Description: 11 ft lanes/6/4 paved shldrs/45 mph design speed

BMP:  
 EMP:  
 Length (ft): 2798

**Includes Stoney Creek**

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	2800	30	
Full Depth Pavement	2800	30	
Surface	2800	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 1,656,415</b>
2200	ROADWAY EXCAVATION	CY	\$ 14.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	41,000	\$ 1,066,000
1	DGA Base	TON	\$ 38.00	2,147	\$ 81,573
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	4,107	\$ 431,200
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	642	\$ 77,642
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 162,360</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	11,200	\$ 17,360
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	3,200	\$ 112,000
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 927,575</b>
	DRAINAGE	LS	20%		\$ 363,755
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 54,563
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 54,563
	MISCELLANEOUS	LS	25%		\$ 454,694
<b>Contingency</b>					<b>\$ 823,905</b>
	Contingency	LS	30%		\$ 823,905
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 3,570,255</b>

Concept: **SB Pulloff**  
 Description: 16 feet wide

BMP:  
 EMP:  
 Length (ft): 450

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	450	16	
Full Depth Pavement	450	16	
Surface	450	16	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 89,607</b>
2200	ROADWAY EXCAVATION	CY	\$ 14.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 60.00	650	\$ 39,000
1	DGA Base	TON	\$ 38.00	184	\$ 6,992
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	352	\$ 36,960
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	55	\$ 6,655
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 13,245</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	900	\$ 1,395
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	150	\$ 5,250
	Guardrail Endtreatments	EA	\$ 3,300.00	2	\$ 6,600
<b>Parametric</b>					<b>\$ 52,455</b>
	DRAINAGE	LS	20%		\$ 20,570
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 3,086
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 3,086
	MISCELLANEOUS	LS	25%		\$ 25,713
<b>Contingency</b>					<b>\$ 46,592</b>
	Contingency	LS	30%		\$ 46,592
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 201,898</b>

Concept: **NB Pulloff**  
 Description: 16 feet wide

BMP:  
 EMP:  
 Length (ft): 450

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	450	16	
Full Depth Pavement	450	16	
Surface	450	16	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 128,607</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	2,000	\$ 78,000
2230	EMBANKMENT IN PLACE	CY	\$ 60.00		\$ -
1	DGA Base	TON	\$ 38.00	184	\$ 6,992
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	352	\$ 36,960
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	55	\$ 6,655
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 9,745</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	900	\$ 1,395
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	50	\$ 1,750
	Guardrail Endtreatments	EA	\$ 3,300.00	2	\$ 6,600
<b>Parametric</b>					<b>\$ 70,560</b>
	DRAINAGE	LS	20%		\$ 27,670
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 4,151
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 4,151
	MISCELLANEOUS	LS	25%		\$ 34,588
<b>Contingency</b>					<b>\$ 62,673</b>
	Contingency	LS	30%		\$ 62,673
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 271,585</b>

Concept: **Curve 3.5-Green Valley Road**  
 Description: **Soften Radius (285 to 420)**

BMP:  
 EMP:  
 Length (ft): 845

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	845	22	
Full Depth Pavement	845	22	
Surface	845	22	
Curb/Gutter	845	2	
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 289,947</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	6,000	\$ 156,000
1	DGA Base	TON	\$ 38.00	561	\$ 21,335
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	909	\$ 95,429
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	142	\$ 17,183
<b>Concrete</b>					<b>\$ 84,480</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00	1,690	\$ 84,480
	Curb Box	EA	\$ -	5	\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 5,239</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	3,380	\$ 5,239
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00		\$ -
	Guardrail Endtreatments	EA	\$ 3,300.00		\$ -
<b>Parametric</b>					<b>\$ 193,630</b>
	DRAINAGE	LS	20%		\$ 75,933
2569	MOBILIZATION/DEMobilIZATION	LS	3%		\$ 11,390
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 11,390
	MISCELLANEOUS	LS	25%		\$ 94,916
<b>Contingency</b>					<b>\$ 171,989</b>
	Contingency	LS	30%		\$ 171,989
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 745,284</b>

Concept: **C4-6 Lake Road**  
 Description: Consolidate 3 curves into 2

BMP:  
 EMP:  
 Length (ft): 1848

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	1848	30	
Full Depth Pavement	1848	30	
Surface	1848	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 2,521,674</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	82,000	\$ 2,132,000
1	DGA Base	TON	\$ 38.00	1,417	\$ 53,838
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	2,710	\$ 284,592
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	424	\$ 51,244
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 125,833</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	7,392	\$ 11,458
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	2,325	\$ 81,375
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 1,350,228</b>
	DRAINAGE	LS	20%		\$ 529,501
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 79,425
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 79,425
	MISCELLANEOUS	LS	25%		\$ 661,877
<b>Contingency</b>					<b>\$ 1,199,320</b>
	Contingency	LS	30%		\$ 1,199,320
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 5,197,055</b>

Concept: **C8-10**  
 Description: Soften Radii (300 to 643)

BMP:  
 EMP:  
 Length (ft): 1584

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	1548	30	
Full Depth Pavement	1548	30	
Surface	1548	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 729,415</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	15,500	\$ 403,000
1	DGA Base	TON	\$ 38.00	1,187	\$ 45,098
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	2,270	\$ 238,392
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	355	\$ 42,925
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 119,598</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	6,192	\$ 9,598
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	2,200	\$ 77,000
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 432,997</b>
	DRAINAGE	LS	20%		\$ 169,803
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 25,470
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 25,470
	MISCELLANEOUS	LS	25%		\$ 212,253
<b>Contingency</b>					<b>\$ 384,603</b>
	Contingency	LS	30%		\$ 384,603
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 1,666,612</b>

Concept: **C12-15**  
 Description: Consolidate 4 curves to 1

BMP:  
 EMP:  
 Length (ft): 3432

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	3432	30	
Full Depth Pavement	3432	30	
Surface	3432	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 2,179,680</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00		\$ -
2230	EMBANKMENT IN PLACE	CY	\$ 26.00	56,000	\$ 1,456,000
1	DGA Base	TON	\$ 38.00	2,631	\$ 99,986
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	5,034	\$ 528,528
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	787	\$ 95,167
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 201,278</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	13,728	\$ 21,278
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	4,200	\$ 147,000
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 1,214,289</b>
	DRAINAGE	LS	20%		\$ 476,192
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 71,429
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 71,429
	MISCELLANEOUS	LS	25%		\$ 595,240
<b>Contingency</b>					<b>\$ 1,078,574</b>
	Contingency	LS	30%		\$ 1,078,574
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 4,673,822</b>

Concept: **C18-20 Stoney Creek Rd.**  
 Description: Replace with Tangent

BMP:  
 EMP:  
 Length (ft): 898

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	898	30	
Full Depth Pavement	898	30	
Surface	898	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 622,255</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	11,100	\$ 432,900
2230	EMBANKMENT IN PLACE	CY	\$ 26.00		\$ -
1	DGA Base	TON	\$ 38.00	688	\$ 26,162
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	1,317	\$ 138,292
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	206	\$ 24,901
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 73,568</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	3,592	\$ 5,568
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	1,000	\$ 35,000
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 354,869</b>
	DRAINAGE	LS	20%		\$ 139,164
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 20,875
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 20,875
	MISCELLANEOUS	LS	25%		\$ 173,956
<b>Contingency</b>					<b>\$ 315,207</b>
	Contingency	LS	30%		\$ 315,207
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 1,365,899</b>

Concept: **C25-26**  
 Description: Consolidate 3 curves to 1

BMP:  
 EMP:  
 Length (ft): 1637

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	1637	30	
Full Depth Pavement	1637	30	
Surface	1637	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 813,182</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	12,000	\$ 468,000
2230	EMBANKMENT IN PLACE	CY	\$ 26.00		\$ -
1	DGA Base	TON	\$ 38.00	1,255	\$ 47,691
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	2,401	\$ 252,098
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	375	\$ 45,393
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 106,149</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	6,548	\$ 10,149
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00		\$ -
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00	1,800	\$ 63,000
	Guardrail Endtreatments	EA	\$ 3,300.00	10	\$ 33,000
<b>Parametric</b>					<b>\$ 468,859</b>
	DRAINAGE	LS	20%		\$ 183,866
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 27,580
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 27,580
	MISCELLANEOUS	LS	25%		\$ 229,833
<b>Contingency</b>					<b>\$ 416,457</b>
	Contingency	LS	30%		\$ 416,457
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 1,804,647</b>

Concept: **C27-30 Adams Lane**  
 Description: Consolidate 4 curves to 3  
**Culvert replacement included**  
 BMP:  
 EMP:  
 Length (ft): 3432

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved	3432	30	
Full Depth Pavement	3432	30	
Surface	3432	30	
Curb/Gutter			
Sidewalk			

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 1,346,680</b>
2200	ROADWAY EXCAVATION	CY	\$ 14.00	44,500	\$ 623,000
2230	EMBANKMENT IN PLACE	CY	\$ 26.00		\$ -
1	DGA Base	TON	\$ 38.00	2,631	\$ 99,986
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00	5,034	\$ 528,528
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00	787	\$ 95,167
<b>Concrete</b>					<b>\$ -</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00		\$ -
	Curb Box	EA	\$ -		\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00		\$ -
<b>Other</b>					<b>\$ 109,478</b>
6543	PAVE STRIPING-THERMO-6 IN W (3M 50/50 ALL WEATHER ELEMENTS)	LF	\$ 1.55	13,728	\$ 21,278
6542	PAVE STRIPING-THERMO-6 IN	LF	\$ 1.17		\$ -
	New Traffic Signal	LS	\$ 200,000.00		\$ -
	Lighting	LF	\$ -		\$ -
	Structure	SF	\$ 200.00	441	\$ 88,200
	RR Flagger*	Day	\$ 1,500.00		\$ -
	Guardrail	LF	\$ 35.00		\$ -
	Guardrail Endtreatments	EA	\$ 3,300.00		\$ -
<b>Parametric</b>					<b>\$ 742,641</b>
	DRAINAGE	LS	20%		\$ 291,232
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 43,685
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 43,685
	MISCELLANEOUS	LS	25%		\$ 364,040
<b>Contingency</b>					<b>\$ 659,640</b>
	Contingency	LS	30%		\$ 659,640
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 2,858,439</b>

Concept: **4-way Stop at KY 32/KY36**  
 Description: Remove Signal equipment/pole bases/poles and replace with 4-way stop

BMP:  
 EMP:  
 Length (ft):

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ -</b>
			138	\$ -	
				\$ -	
			138	\$ -	
<b>Concrete</b>					<b>\$ -</b>
				\$ -	
				\$ -	
				\$ -	
<b>Other</b>					<b>\$ 30,000</b>
	Remove Signal Equipment	LS	\$ 10,000.00	1	\$ 10,000
	Remove Pole Base	EA	\$ 2,000.00	4	\$ 8,000
	Remove Poles	Ea	\$ 3,000.00	4	\$ 12,000
<b>Parametric</b>					<b>\$ 9,300</b>
	DRAINAGE	LS			\$ -
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 900
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 900
	MISCELLANEOUS	LS	25%		\$ 7,500
<b>Contingency</b>					<b>\$ 11,790</b>
	Contingency	LS	30%		\$ 11,790
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 51,090</b>

Concept: **Henryville Sidewalks**  
 Description: Reconstruct to reestablish c/g and adequate drainage  
**Includes 24" storm sewer and**  
 BMP: 10.300  
 EMP: 10.600  
 Length (ft): 1584

	Length	Width (PR)	Notes
Bridge(s)			
Mainline/Paved			
Full Depth Pavement			
Surface			
Curb/Gutter	1584	2	
Sidewalk	1584	5	

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 21,380</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	469	\$ 18,304
2230	EMBANKMENT IN PLACE	CY	\$ 26.00		\$ -
1	DGA Base	TON	\$ 38.00	81	\$ 3,076
2677	2677 Asphalt Milling	TON	\$ 37.00		\$ -
212	CL2 ASPH BASE 1.00D PG64-22	TON	\$ 105.00		\$ -
301	CL2 ASPH SURF 0.38D PG64-22	TON	\$ 121.00		\$ -
<b>Concrete</b>					<b>\$ 230,560</b>
01810	STANDARD CURB AND GUTTER	LF	\$ 50.00	1,584	\$ 79,200
	Curb Box	EA	\$ -	8	\$ -
2720	SIDEWALK-4IN CONCRETE	SY	\$ 172.00	880	\$ 151,360
<b>Other</b>					<b>\$ 206,336</b>
	STORM SEWER PIPE-15 INCH	LF	\$ 124.00	1,584	\$ 196,416
	STORM SEWER-15 INCH(X DRAIN)	LF	\$ 124.00	80	\$ 9,920
				6	\$ -
<b>Parametric</b>					<b>\$ 233,721</b>
	DRAINAGE	LS	20%		\$ 91,655
2569	MOBILIZATION/DEMOBILIZATION	LS	3%		\$ 13,748
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 13,748
	MISCELLANEOUS	LS	25%		\$ 114,569
<b>Contingency</b>					<b>\$ 207,599</b>
	Contingency	LS	30%		\$ 207,599
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 899,597</b>

Concept: **Adams Lane Sight Distance**  
 Description: Clearing and cutting slopes adjacent to Adams Lane for  
**SD Extending culvert not probable due to creek geometry**

BMP:  
 EMP:  
 Length (ft):

	Clear acre	W	Cut L	D	
	0.7	25	800	5	
Clearing	Length	Width	SF	sf/acre	ACRE Clearing
					1
					Measured
Cut Slope	Length	Width	Depth	Wedge CF	CY EXC
	800	25	5	50000	1852

**Calculations**

Item	Unit	Unit Cost	Quantity	Cost	Totals
<b>Mainline Pavement</b>					<b>\$ 122,150</b>
2200	ROADWAY EXCAVATION	CY	\$ 39.00	1,850	\$ 72,150
					\$ -
2545	CLEARING AND GRUBBING (8 ACRES)	LS	\$ 50,000.00	1	\$ 50,000
					\$ -
					\$ -
<b>Concrete</b>					<b>\$ -</b>
					\$ -
					\$ -
					\$ -
<b>Other</b>					<b>\$ -</b>
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
<b>Parametric</b>					<b>\$ 62,297</b>
	DRAINAGE	LS	20%		\$ 24,430
2569	MOBILIZATION/DEMobilIZATION	LS	3%		\$ 3,665
2650	MAINTAIN & CONTROL TRAFFIC	LS	3%		\$ 3,665
	MISCELLANEOUS	LS	25%		\$ 30,538
<b>Contingency</b>					<b>\$ 55,334</b>
	Contingency	LS	30%		\$ 55,334
<b>Escalation</b>					<b>\$ -</b>
	Factored for Future Implementation	LS			\$ -
<b>Construction</b>					<b>\$ 239,780</b>