



Village of Hobart  
Village Office 2990 S. Pine Tree Rd, Hobart, WI  
[www.hobart-wi.org](http://www.hobart-wi.org) - [www.buildinhobart.com](http://www.buildinhobart.com)

Notice is hereby given according to State Statutes that the PUBLIC WORKS AND UTILITIES ADVISORY COMMITTEE of the Village of Hobart will meet on Monday, November 13<sup>th</sup> 2023, at 5:00 P.M. at the Hobart Village Office. NOTICE OF POSTING: Posted this 10<sup>th</sup> day of November, 2023 at the Hobart Village Office, 2990 S. Pine Tree Rd and on the village's website.

## **MEETING NOTICE – PUBLIC WORKS AND UTILITIES ADVISORY COMMITTEE**

**Date/Time:** Monday, November 13<sup>th</sup> 2023 (5:00 P.M.)

**Location:** Village Office, 2990 South Pine Tree Road

### **ROUTINE ITEMS TO BE ACTED UPON:**

1. Call to order/Roll Call.
2. Certification of the open meeting law agenda requirements and approval of the agenda.
3. Public comments on non-agenda items.

### **ACTION ITEMS**

#### **4. DISCUSSION AND ACTION – Review and Discuss Speed Limit Reduction for Shady Drive (Page 2)**

Staff will provide speed and data collected to make a recommendation to the Village Board on the requested speed reduction.

#### **5. DISCUSSION AND ACTION – Review and Discuss Options for Potential Upgrades to South Pinetree Road (Page 8)**

Staff will present various options to the committee to discuss possible upgrades to S. Pinetree Road to coincide with the proposed walking trail planned for 2024.

#### **6. UPDATE – Director and Activity Reports**

The activity report agenda item allows Village Staff to inform the Committee and Public of any new or time-sensitive information. Activity Reports may be given verbally and/or in writing.

### **7. ADJOURNMENT**

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Aaron Kramer, Village Administrator

MEMBERS: Vanya Koepke (Village Board), Dave Dillenburg (Village Board), Dave Baranczyk, Dan Deruyter, Don Dahlstrom, Kevin Gannon, Ron Hieronimczak, James Kubalak

NOTE: Page numbers refer to the meeting packet. All agenda and minutes of Village meetings are online: [www.hobart-wi.org](http://www.hobart-wi.org). Any person wishing to attend, who, because of disability requires special accommodations, should contact the Village Clerk-Treasurer at 920-869-1011 with as much advanced notice as possible. There may be a quorum of the Village Board of Trustees in attendance at this meeting, although no official Board action or discussion will take place.

## Shady Dr, Speed Limit Change

Jenna DeNoble <memoriesbyjennajean@gmail.com>

Tue 8/8/2023 10:49 AM

To: Jerry Lancelle <Jerry@hobart-wi.org>

August 7, 2023

To: Village of Hobart

From: Jenna and Nick DeNoble

225 Shady Dr, Oneida WI 54155

Re: Speed Limit Change to 25mph

Cc: Richard Heidel, Dave Dillenberg, Vanya Koepke, Tammy Zittlow, Tim Carpenter

Hello:

I'm writing in regard to the ongoing problem we have been having in our neighborhood for years. Our neighborhood and community is growing, with that comes more traffic. We have noticed a huge increase in traffic the last couple years with last summer being the worst with the Centennial Construction. We have had multiple police to patrol which helped while they sat here, but cars sped up as soon as they noticed they were gone. I know that there were many pull overs along with tickets, that I'm sure the police would attest to on Shady Dr. The police were great to have over here, however we do not want to utilize their services for something like this.

This year we were hoping that it would get better being that Centennial was open, which traffic amount has gotten better but cars are still flying down this road going 45 sometimes 50+ MPH. This is a narrow road, far too narrow to have traffic going that fast. We have so many new kids in the area along with so many walkers. I have witnessed my children almost get hit far too many times by negligent drivers, many on their cell phones not paying attention. I don't even let my children ride their bikes anymore on Shady and my children are at age they should feel safe to ride(8,11,14), as we live in a safe neighborhood where most of us neighbors know each other.

My hopes are to get the speed limit reduced from 35 to 25 mph knowing that we are still going to have people going 30mph which is fast enough for this narrow road. At one time this road was more of a country road before all the build up in Centennial, has now turned this road residential. I have attached a handful of neighbors that wish to do the same. I was not able to reach all houses but mostly every house we did get to, wanted to sign.

Our hopes are to create a neighborhood that we feel safe walking/riding our bikes down the road that people have a enough reaction time to slow down for pedestrians.

Thank you for your time and consideration.

Jenna DeNoble

# Shady Drive, Oneida WI Petition to Reduce Speed Limit to 25MPH

1. Name Jana Deibel Address: 225 Shady Dr Phone 920 680 6358
2. Name Beth Babine Address: 4603 Meadows Brook Ct Phone 920 660 5228
3. Name Lorne Grant Address: 330 Shady Dr Phone 410 676 2076
4. Name Mary Hays Address: 4621 County Ave Phone 920 615 2138
5. Name Ashley Frisque Address: 4524 County Ave Ct Phone 920 819 6857
6. Name Jordan Deibel Address: 4468 County Ave Ct Phone 920 604 0107
7. Name Julia VerHaagh Address: 4788 Sol Ct Phone 920 606 5900
8. Name Tim Bougie Address: 437 Shady Dr Phone 920 865 7210
9. Name Deanne Agelund Address: 267 Shady Dr Phone 920 865 7020
10. Name Bill Nigans Address: 4621 County Ave Phone 920 737 9479
11. Name W. J. Bent Address: 4601 County Ave Phone 920 604 3960
12. Name Hailey Oneil Address: 4681 Meadows Brook Ct Phone 920 819 3073
13. Name SERINA STANZIONE Address: 4740 SOL CT Phone 920 606 6369
14. Name Alex Pelnor Address: 4720 Sol Ct Phone 920 630 5947
15. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
16. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
17. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
18. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
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30. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
31. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
32. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_
33. Name \_\_\_\_\_ Address: \_\_\_\_\_ Phone \_\_\_\_\_

# **HOBART/LAWRENCE**

## **POLICE DEPARTMENT**

2990 S. Pine Tree Rd.  
Hobart, WI 54155  
Phone 920-869-3800  
Fax: 920-869-2048

*Michael Renkas*  
Chief



To: Aaron Kramer – Village Administrator

From: Michael Renkas – Chief of Police

Date: November 8<sup>th</sup>, 2023

Re: ***Petition for Speed Limit Reduction on Shady Lane – Response & Findings***

Administrator Kramer,

During a Village Board meeting, I was directed to conduct a speed limit reduction study on Shady Lane. The current speed limit is 35 MPH and the resident requested it be reduced to 25 MPH. The resident is concerned that vehicles are driving excessively fast, which causes a danger to those adults and children, who wish to bike, walk, and jog along the road.

After receiving this directive and understanding the concerns, I put a speed study into effect for the road segment in question. The initial speed data was gathered through a traffic counter from August 11<sup>th</sup> to September 1<sup>st</sup>, 2023. The goal of this speed study was to identify the speeds and quantity of traffic to get an initial understanding of current vehicle speeds on the road. I also surveyed the surrounding area roadways and the posted speed limits. I looked for similarities concerning the residential population and the road design.

The results of the initial data indicated that the median speed was 39.37 MPH with a total vehicle count of 5,705. I also observed other roads in the area that were similar. The most notable were Trout Creek, Sunlite, Overland, Birch, Pine Tree, Forest, and Hill. All these roadways are currently 35 MPH zones. The similarities I looked for were through streets that connected one roadway to another with residential.

In addition, after the initial data was collected from the traffic counters, officers were directed to conduct targeted enforcement efforts in the area as well as collect observed data between September 20<sup>th</sup> and October 7<sup>th</sup>. Officers utilized both marked and unmarked squads for this assignment. Officers spent approximately thirteen (13) hours of targeted enforcement in this area during that time. Officers issued one speeding citation and three written warnings for speed. The maximum speed that was observed by officers was 48 MPH. The officer observations found, with tracking vehicle speeds on radar, that the average eastbound speed was 35 MPH, and the average westbound speed was 36 MPH. They logged a total of 126 vehicles during that time.

Another period of having the traffic counters out was conducted between October 2<sup>nd</sup> and October 16<sup>th</sup>. The results of that data showed the median speed was 30.31 MPH with a total vehicle count of 3473. The 85% speed percentage was 34.78 MPH. The 85<sup>th</sup> percentile speed is defined as, “the speed at or below which 85 percent of all vehicles are observed to travel under free-following conditions past a monitored point,” or another way of looking at this is that 15% of the vehicles traveling on the road were above the speed limit.

Based on all the data that was gathered on this issue, there does not appear to be an excessive speeding issue on Shady Lane based on the current speed limit. The speed limit is also consistent with other roadways that are similar in the immediate area.

Nevertheless, I would be remiss in my duties if I did not inform the board that high speeds contribute to the severity of crashes. For example, 85% of pedestrians struck by vehicles traveling at 40 MPH are likely to result in a fatality while only 5% are likely to result in a fatality when the speed is 20 MPH. This information is important to this issue as the resident's concern was specifically related to pedestrian traffic on the roadway. Regardless of the board's decision, enforcement will remain critical, and if the speed limit is reduced there needs to be wide public support. The first step in that process is for the public to perceive the speed limit reduction as reasonable and fair because their voluntary cooperation is essential.

If there are any questions, please let me know.

Sincerely,



Michael Renkas  
Chief of Police

## Speed Statistics

### SpeedStat-112

**Site:** Shady Drive  
**Description:** Unit 2  
**Filter time:** 10:15 Friday, August 11, 2023 => 6:00 Friday, September 1, 2023  
**Scheme:** Vehicle classification (Scheme F3)  
**Filter:** Cls(1-13) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 328.084) Lane(0-16)

Vehicles = 5705

Posted speed limit = 35 mph, Exceeding = 4499 (78.86%), Mean Exceeding = 41.63 mph

Maximum = 65.6 mph, Minimum = 6.8 mph, Mean = 39.0 mph

85% Speed = 45.19 mph, 95% Speed = 49.44 mph, Median = 39.37 mph

12 mph Pace = 34 - 46, Number in Pace = 4030 (70.64%)

Variance = 52.45, Standard Deviation = 7.24 mph

### Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 6	0 0.000%	0 0.000%	5705 100.0%	0.00	0.00	0.00
6 - 12	55 0.964%	55 0.964%	5650 99.04%	0.00	0.00	0.00
12 - 19	79 1.385%	134 2.349%	5571 97.65%	0.00	0.00	0.00
19 - 25	102 1.788%	236 4.137%	5469 95.86%	0.00	0.00	0.00
25 - 31	322 5.644%	558 9.781%	5147 90.22%	0.00	0.00	0.00
31 - 37	1423 24.94%	1981 34.72%	3724 65.28%	0.00	0.00	0.00
37 - 43	2420 42.42%	4401 77.14%	1304 22.86%	0.00	0.00	0.00
43 - 50	1050 18.40%	5451 95.55%	254 4.452%	0.00	0.00	0.00
50 - 56	205 3.593%	5656 99.14%	49 0.859%	0.00	0.00	0.00
56 - 62	43 0.754%	5699 99.89%	6 0.105%	0.00	0.00	0.00
62 - 68	6 0.105%	5705 100.0%	0 0.000%	0.00	0.00	0.00
68 - 75	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
75 - 81	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
81 - 87	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
87 - 93	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
93 - 99	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
99 - 106	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
106 - 112	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
112 - 118	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00
118 - 124	0 0.000%	5705 100.0%	0 0.000%	0.00	0.00	0.00

Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

### Speed limit fields (Partial days)

Limit	Below	Above
0   35 (PSL)	1206 21.1%	4499 78.9%

## Speed Statistics

**SpeedStat-111**      **Shady Drive**  
**Site:**                **100' West of Intersection**  
**Description:**      **7:45 Wednesday, Thursday 16, 2023 => 13:59 Thursday, October 2,**  
**Filter time:**        **2023**  
**Scheme:**            Vehicle classification (Scheme F3)  
**Filter:**              Cls(1-13) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 328.084) Lane(0-16)

Vehicles = 3473

Posted speed limit = 35 mph, Exceeding = 486 (13.99%), Mean Exceeding = 37.53 mph

Maximum = 52.6 mph, Minimum = 7.2 mph, Mean = 29.8 mph

85% Speed = 34.78 mph, 95% Speed = 37.58 mph, Median = 30.31 mph

12 mph Pace = 24 - 36, Number in Pace = 2722 (78.38%)

Variance = 28.58, Standard Deviation = 5.35 mph

### Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 6	0 0.000%	0 0.000%	3473 100.0%	0.00	0.00	0.00
6 - 12	28 0.806%	28 0.806%	3445 99.19%	0.00	0.00	0.00
12 - 19	86 2.476%	114 3.282%	3359 96.72%	0.00	0.00	0.00
19 - 25	411 11.83%	525 15.12%	2948 84.88%	0.00	0.00	0.00
25 - 31	1506 43.36%	2031 58.48%	1442 41.52%	0.00	0.00	0.00
31 - 37	1237 35.62%	3268 94.10%	205 5.903%	0.00	0.00	0.00
37 - 43	188 5.413%	3456 99.51%	17 0.489%	0.00	0.00	0.00
43 - 50	15 0.432%	3471 99.94%	2 0.058%	0.00	0.00	0.00
50 - 56	2 0.058%	3473 100.0%	0 0.000%	0.00	0.00	0.00
56 - 62	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
62 - 68	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
68 - 75	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
75 - 81	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
81 - 87	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
87 - 93	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
93 - 99	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
99 - 106	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
106 - 112	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
112 - 118	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00
118 - 124	0 0.000%	3473 100.0%	0 0.000%	0.00	0.00	0.00

Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

### Speed limit fields (Partial days)

Limit	Below	Above
0   35 (PSL)	2987 86.0%	486 14.0%

## OPINION OF PROBABLE COST (2023 Dollars)

**OWNER** Village of Hobart  
**PROJECT** S Pine Tree - Reconstruct and Urbanize  
**DATE** 9/1/2023

S Pine Tree (Orlando/CTH EE to Schuering) & Schuering to East Village Limits 5,900 LF, 33' B-B, 8' Asphalt Trail					
Item	Description	Unit	Qty.	Unit Price	Total Price
1	Silt Fence	LF	12,000	\$ 1.50	\$ 18,000.00
2	Tracking Pad	EA	1	\$ 1,500.00	\$ 1,500.00
3	Inlet Protection	EA	42	\$ 100.00	\$ 4,180.00
4	Rock Bags	LS	1	\$ 500.00	\$ 500.00
5	Temporary Traffic Control	LS	1	\$ 15,000.00	\$ 15,000.00
6	Sawing Asphalt Full Depth	LS	1	\$ 500.00	\$ 500.00
7	Remove Asphalt Pavement, Milling	SY	15,800	\$ 1.50	\$ 23,700.00
8	Concrete Sidewalk, Pedestrian Ramps, 6-Inch	SF	200	\$ 8.00	\$ 1,600.00
9	Concrete Sidewalk, Pedestrian Warning Fields	SF	26	\$ 45.00	\$ 1,188.00
10	Concrete Curb & Gutter 24-Inch	LF	12,900	\$ 18.00	\$ 232,200.00
11	Geogrid Reinforcement, Type I	SY	6,670	\$ 2.50	\$ 16,675.69
12	Site Clearing and Grubbing	LS	1	\$ 5,000.00	\$ 5,000.00
13	Earthwork, Excavation Below Subgrade	CY	2,100	\$ 50.00	\$ 105,000.00
14	Earthwork, Unclassified Excavation	SY	26,600	\$ 15.00	\$ 399,000.00
15	Crushed Aggregate Base Course, Roadway, Gradation No. 4, 6-Inch Thick	SY	26,600	\$ 5.50	\$ 146,300.00
16	Crushed Aggregate Base Course, Trail, Gradation No. 4, 12-Inch Thick	SY	7,200	\$ 11.00	\$ 79,200.00
17	Breaker Run Base Course, Light, 9-Inch Thick	SY	26,600	\$ 7.25	\$ 192,850.00
18	Asphaltic Concrete Binder Pavement, 3 LT 58-28 S, 2 1/4-Inch Thick	SY	20,912	\$ 13.00	\$ 271,858.89
19	Asphaltic Concrete Surface Pavement, 5 LT 58-28 S, 1 3/4-Inch Thick	SY	20,912	\$ 9.20	\$ 192,392.44
20	Asphaltic Concrete Driveways, 5 LT 58-28 S, 2-Inch Thick	SY	750	\$ 30.00	\$ 22,500.00
21	Asphaltic Concrete Surface Pavement, Trail, 4 LT 58-28 S, 2.5-Inch Thick	SY	5,800	\$ 18.00	\$ 104,400.00
22	Pavement Marking, Complete	LS	1	\$ 10,000.00	\$ 10,000.00
23	Existing Signs, Salvage and Reinstall	LS	1	\$ 2,500.00	\$ 2,500.00
24	Landscaping Topsoil, Fertilize, Seed, and Temporary Erosion Control	SY	8,700	\$ 7.50	\$ 65,250.00
25	Water Main Pipe, PVC C-900, 12-Inch	LF	2,100	\$ 100.00	\$ 210,000.00
27	Water Hydrant Lead, PVC C-900, 6-Inch, Complete	LF	26	\$ 55.00	\$ 1,452.00
28	Water Main Fire Hydrants, Complete	EA	4	\$ 6,000.00	\$ 24,000.00
29	Water Main Resilient Wedge Gate Valve, 6-Inch, Complete	EA	4	\$ 2,200.00	\$ 8,800.00
31	Water Main Resilient Wedge Gate Valve, 12-Inch, Complete	EA	4	\$ 4,800.00	\$ 19,200.00
32	Water Service Corporation, Curb Stop and Box, 1-Inch, Complete	EA	5	\$ 700.00	\$ 3,500.00
33	Storm Sewer Pipe, Reinforced Concrete Class (III), 24-Inch, Complete	LF	5,500	\$ 70.00	\$ 385,000.00
34	Storm Sewer Pipe, PVC, 12-Inch, Complete	LF	1,379	\$ 50.00	\$ 68,970.00
35	Storm Sewer Manhole, 48-Inch, Complete	VF	150	\$ 400.00	\$ 60,000.00
36	Storm Sewer Inlet, Type A, Complete	EA	44	\$ 2,500.00	\$ 110,000.00
37	Stormwater Management BMP	LS	1	\$ 50,000.00	\$ 50,000.00
38	Utility Relocation (Budget)	LS	1	\$ 50,000.00	\$ 50,000.00
<b>ROAD CONSTRUCTION SUBTOTAL</b>					<b>\$ 2,902,217</b>
Contingency 10%				\$	290,222
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$ 3,192,439</b>
Engineering/Fees 15%				\$	478,866
<b>PROJECT TOTAL</b>					<b>\$ 3,671,305</b>

Remove Trail Cost with Contingency and Engineering -331,952.50  
 Remove watermain cost with Contingency and Engineering -333,690.00

Estimate for Urbanizing S. Pinetree Road -3,005,662.50



## OPINION OF PROBABLE COST (2023 Dollars)

**OWNER** Village of Hobart  
**PROJECT** S Pine Tree - Pulverize & Pave with Reconstruct, as needed  
**DATE** 10/31/2023



1250 Centennial Centre Blvd, Hobart, WI 54155  
 920-662-9641 | releinc.com

<b>S Pine Tree (Orlando/CTH EE to Schuering)</b> 4,900 LF, Widen from 2-11' Lanes to 2-12' Lanes with 2' Shoulder					
Item	Description	Unit	Qty.	Unit Price	Total Price
1	Silt Fence	LF	10,000	\$ 1.50	\$ 15,000.00
2	Tracking Pad	EA	1	\$ 1,500.00	\$ 1,500.00
3	Ditch Checks	LS	1	\$ 1,000.00	\$ 1,000.00
4	Rock Bags	LS	1	\$ 500.00	\$ 500.00
5	Temporary Traffic Control	LS	1	\$ 15,000.00	\$ 15,000.00
6	Sawing Asphalt Full Depth	LS	1	\$ 500.00	\$ 500.00
7	Pulverize Asphalt Pavement	SY	13,000	\$ 1.50	\$ 19,500.00
8	Concrete Curb & Gutter 24-Inch at Intersections	LF	250	\$ 18.00	\$ 4,500.00
9	Geogrid Reinforcement, Type I	SY	1,700	\$ 2.50	\$ 4,250.00
10	Site Clearing and Grubbing	LS	1	\$ 5,000.00	\$ 5,000.00
11	Earthwork, Excavation Below Subgrade	CY	560	\$ 50.00	\$ 28,000.00
12	Earthwork, Unclassified Excavation (in reconstruct areas)	SY	3,000	\$ 15.00	\$ 45,000.00
13	Earthwork, Ditching	LF	1,200	\$ 13.00	\$ 15,600.00
14	Crushed Aggregate Base Course, Shoulder, Gradation No. 3, 4-Inch Thick	SY	2,200	\$ 4.50	\$ 9,900.00
15	Crushed Aggregate Base Course, Roadway, Gradation No. 4, 3-inches pulverized with existing asphalt & base	TON	2,400	\$ 15.00	\$ 36,000.00
16	Crushed Aggregate Base Course, Roadway, Gradation No. 4, 6-Inch Thick (in Reconstruct Areas)	SY	3,000	\$ 5.50	\$ 16,500.00
17	Breaker Run Base Course, Light, 9-Inch Thick (in Reconstruct Areas)	SY	3,000	\$ 7.25	\$ 21,750.00
18	Asphaltic Concrete Binder Pavement, 3 LT 58-28 S, 2 1/4-Inch Thick	SY	14,373	\$ 13.00	\$ 186,853.33
19	Asphaltic Concrete Surface Pavement, 5 LT 58-28 S, 1 3/4-Inch Thick	SY	14,373	\$ 9.20	\$ 132,234.67
20	Asphaltic Concrete Driveways, 5 LT 58-28 S, 2-Inch Thick	SY	750	\$ 30.00	\$ 22,500.00
21	Pavement Marking, Complete	LS	1	\$ 10,000.00	\$ 10,000.00
22	Existing Signs, Salvage and Reinstall	LS	1	\$ 2,500.00	\$ 2,500.00
23	Landscaping Topsoil, Fertilize, Seed, and Temporary Erosion Control Blanket	SY	4,400	\$ 7.50	\$ 33,000.00
24	Culverts	LF	100	\$ 75.00	\$ 7,500.00
25	Apron Endwalls	EA	4	\$ 750.00	\$ 3,000.00
<b>ROAD CONSTRUCTION SUBTOTAL</b>					<b>\$ 637,088</b>
				Contingency 10%	\$ 63,709
<b>CONSTRUCTION SUBTOTAL</b>					<b>\$ 700,797</b>
				Engineering/Fees 15%	\$ 105,120
<b>PROJECT TOTAL</b>					<b>\$ 805,916</b>