

GENOA CHARTER TOWNSHIP
Board of Trustees
Regular Meeting
May 6, 2013
6:30 p.m.

AGENDA

Call to Order:

Pledge of Allegiance:

Call to the Public*:

Approval of Consent Agenda:

1. Payment of Bills.
2. Request to approve minutes: April 15, 2013.
3. Request for approval of an amendment to the Personnel Policy concerning Equal Employment Opportunity and Harassment.
4. Request for consideration of an application for fireworks as submitted by Calvin Heckman Jr. at 4127 Clifford, Genoa Township on June 29, 2013 with a backup date of July 6, 2013.

Approval of Regular Agenda:

5. Request for approval of Resolution No. 1 [to proceed with the project and direct preparation of the plans and costs estimates] for the Timberview Road Improvement Project Special Assessment District.
6. Request for approval of Resolution No. 2 [to approve the project, scheduling the first hearing and directing the issuance of statutory notices] for the Timberview Road Improvement Project Special Assessment District.
7. Request to direct staff to pursue actions necessary to achieve full membership in SELCRA.
8. Request for approval of a proposal from Superior Play for equipment and installation of playground equipment at a cost of \$91,568.89.
9. Request to award a contract for the Red Oaks Subdivision Paving Special Assessment District to Cadillac Asphalt in the amount of \$757.169.

10. Discussion regarding citizen survey results.

11. Request for approval of a Road Improvement Master Plan proposal from Hubbell, Roth and Clark at a cost of \$33,000.

Correspondence
Member Discussion
Adjournment

*Citizen's Comments- In addition to providing the public with an opportunity to address the Township Board at the beginning of the meeting, opportunity to comment on individual agenda items may be offered by the Chairman as they are presented.

CHECK REGISTERS FOR TOWNSHIP BOARD MEETING

DATE: May 6, 2013

TOWNSHIP GENERAL EXPENSES: Thru May 6, 2013	\$157,945.99
April 26, 2013 Bi Weekly Payroll	\$68,636.44
May 1, 2013 Monthly Payroll	\$11,750.49
OPERATING EXPENSES: Thru May 6, 2013	\$35,001.93
TOTAL:	<u>\$273,334.85</u>

<u>Check Number</u>	<u>Vendor No</u>	<u>Vendor Name</u>	<u>Check Date</u>	<u>Check Amount</u>
29593	Postmast	Postmaster	04/12/2013	1,577.66
29594	AT&TLONG	AT&T Long Distance	04/17/2013	37.25
29595	ATT& IL	AT&T	04/17/2013	118.72
29596	BLUE CRO	Blue Cross & Blue Shield Of Mi	04/17/2013	24,017.02
29597	BullsEye	BullsEye Telecom	04/17/2013	1,039.99
29598	Clearwat	Clearwater Systems	04/17/2013	39.00
29599	COMP BAT	Complete Battery Source	04/17/2013	238.27
29600	COOPERST	Cooper's Turf Management LLC	04/17/2013	1,855.00
29601	Election	Election Systems & Software	04/17/2013	1,194.68
29602	ETNA SUP	Etna Supply Company	04/17/2013	2,995.00
29603	FIRST IM	First Impression Print & Marketing	04/17/2013	2,127.46
29604	Lincoln	Lincoln National Life Ins Co.	04/17/2013	2,133.12
29605	MASTER M	Master Media Supply	04/17/2013	350.26
29606	MI MUNIC	Michigan Municipal League	04/17/2013	200.00
29607	STMIE&LA	State of Michigan	04/17/2013	180.00
29608	The Doug	The Douglas Company	04/17/2013	1,092.00
29609	TRI COUN	Tri County Supply, Inc.	04/17/2013	100.12
29610	VERIZONW	Verizon Wireless	04/17/2013	212.61
29611	Evolving	Evolving Technologies	04/17/2013	1,356.75
29612	mhog	MHOG Utilities	04/17/2013	107.27
29614	SOM-TRE	State Of Mich- Dept Of Treasur	04/22/2013	5,643.32
29615	Equitabl	Equivest Unit Annuity Lock Box	04/24/2013	660.00
29616	Allstar	Allstar Alarm LLC	04/23/2013	270.00
29617	CARDM	Chase Card Services	04/23/2013	3,963.16
29618	Dick Bem	Dick Bemmann B.A.E.	04/23/2013	300.00
29619	DTE EN	DTE Energy	04/23/2013	205.54
29620	HWL PARK	Howell Parks And Recreation	04/23/2013	100,000.00
29621	Mancuso	Mancuso & Cameron, P.C.	04/23/2013	1,229.75
29622	MASTER M	Master Media Supply	04/23/2013	518.80
29623	SHELL	Shell	04/23/2013	88.77
29624	TRI COUN	Tri County Supply, Inc.	04/23/2013	196.40
29625	TRUEVAL	Howell True Value Hardware	04/23/2013	18.49
29626	VERIZONW	Verizon Wireless	04/23/2013	349.16
29627	B S & A	B S & A Software, Inc.	04/24/2013	3,240.00
29628	Net serv	Network Services Group, L.L.C.	04/24/2013	45.00
29629	JETS PIZ	Jet's Pizza	04/25/2013	103.94
29630	BUS IMAG	Business Imaging Group	04/25/2013	91.48
29631	Lind Bry	Bryan Lindberg	04/25/2013	50.00

Report Total: 157,945.99

Accounts Payable
Computer Check Register

Genoa Township

2911 Dorr Road
Brighton, MI 48116

(810) 227-5225

User: diane

Printed: 04/19/2013 - 12:14

Bank Account: 101CH

Check	Vendor No	Vendor Name	Date	Invoice No	Amount
11085	AETNA LI	Aetna Life Insurance & Annuity	04/26/2013		25.00
			Check 11085 Total:		25.00
11086	EFT-FED	EFT- Federal Payroll Tax	04/26/2013		7,130.32 3,986.84 3,986.84 932.40 932.40
			Check 11086 Total:		16,968.80
11087	EFT-PENS	EFT- Payroll Pens Ln Pyts	04/26/2013		1,914.76
			Check 11087 Total:		1,914.76
11088	EFT-TASC	EFT-Flex Spending	04/26/2013		871.10
			Check 11088 Total:		871.10
29613	Equitabl	Equivest Unit Annuity Lock Box	04/26/2013	VOID	660.00
			Check 29613 Total:		660.00
11089	FIRST NA	First National Bank	04/26/2013		250.00 2,330.00 44,579.53 75.00

Check 11089 Total:

47,234.53

Report Total:

67,674.19

962.25

\$68,636.44

2 checks
12042
12043

**First National
Direct Deposit
APRIL 26, 2013
Bi-Weekly Payroll**

<u>Employee Name</u>	<u>Debit Amount</u>	<u>Credit Amount</u>
Genoa Township	\$47,234.53	
Aaron Korpela		\$1,074.83
Adam Van Tassell		\$1,087.15
Alex Chimpouras		\$2,009.03
Amy Ruthig		\$1,121.74
Angela Williams		\$238.97
Ashley Repke		\$1,101.42
Caitlin Nims		\$1,122.92
Carol Hanus		\$1,255.17
Craig Bunkoske		\$1,724.18
Dakota Olvin		\$686.99
Daniel Schlack		\$1,337.74
Dave Estrada		\$1,202.75
David Miller		\$1,953.37
Deborah Rojewski		\$1,498.24
Diane Zerby		\$609.08
Erin Daksiewicz		\$304.75
Greg Tatara		\$2,766.71
Jacob Mitchell		\$996.76
James Aulette		\$1,443.39
Jeffrey Meyers		\$1,457.28
Jenifer Kern		\$708.90
Jonathan Morton		\$1,051.60
Kathleen Murphy		\$295.03
Kathryn Poppy		\$818.27
Karen J. Saari		\$999.18
Kelly VanMarter		\$2,100.83
Kimberly MacLeod		\$1,358.50
Kristen Sapienza		\$727.79
Laura Mroczka		\$1,711.32
Martin Reich		\$1,612.94
Michael Archinal		\$2,726.27
Robin Hunt		\$1,297.78
Ryan Kaiser		\$877.45
Scott Lowe		\$0.00
Steven Anderson		\$1,590.05
Susan Sitner		\$511.62
Tammy Lindberg		\$1,010.47
Tesha Humphriss		\$2,157.07
Zakk Olvin		\$686.99
Total Deposit		<u><u>\$47,234.53</u></u>

Genoa Charter Township
User: diane

Payroll
Computer Check Register

Printed: 04/19/13 11:38
Batch: 603-04-2013

<u>Check No</u>	<u>Check Date</u>	<u>Employee Information</u>	<u>Amount</u>
12042	04/26/2013	Galovac Kristina Galovac	512.74
12043	04/26/2013	McMahon Ryan McMahon	449.51
Total Number of Employees: 2			962.25
Total for Payroll Check Run:			

Accounts Payable

Computer Check Register

Genoa Township

2911 Dorr Road
Brighton, MI 48116

(810) 227-5225

User: diane

Printed: 04/18/2013 - 10:26

Bank Account: 101CH

Check	Vendor No	Vendor Name	Date	Invoice No	Amount
11081	EFT-FED	EFT- Federal Payroll Tax	05/01/2013		1,878.91 709.23 709.23 165.87 165.87
			Check 11081 Total:		3,629.11
11082	EFT-PENS	EFT- Payroll Pens Ln Pyts	05/01/2013		235.37
			Check 11082 Total:		235.37
11083	EFT-TASC	EFT-Flex Spending	05/01/2013		88.43
			Check 11083 Total:		88.43
11084	FIRST NA	First National Bank	05/01/2013		7,747.58 50.00
			Check 11084 Total:		7,797.58
			Report Total:		11,750.49

First National
Direct Deposit
MAY 1, 2013
Monthly Payroll

<u>Employee Name</u>	<u>Debit Amount</u>	<u>Credit Amount</u>
Genoa Township	\$7,797.58	
Adam Van Tassel		\$565.51
Gary McCririe		\$2,355.41
H.J. Mortensen		\$290.68
Jean Ledford		\$495.67
Linda Rowell		\$342.93
Paulette Skolarus		\$3,395.32
Todd Smith		\$352.06
Total Deposit		<u>\$7,797.58</u>

#592 OAK POINTE WATER/SEWER FUND**Payment of Bills**

April 12 - 29, 2013

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
Check	04/17/2013	2662	AT&T	Acct 810-227-4883 026 3	-56.75
Check	04/17/2013	2663	BRIGHTON ANALYTICAL, LLC	Numerous invoices March-April 2013	-402.00
Check	04/17/2013	2664	Bullseye Telecom	Inv # 16219832	-159.53
Check	04/17/2013	2665	Detroit Pump & Mfg. Co.	Inv 1020994	-181.80
Check	04/17/2013	2666	HACH Company	Inv 8227976	-206.85
Check	04/17/2013	2667	HARTLAND SEPTIC SERVICE, Inc.	Inv 03281301	-270.00
Check	04/17/2013	2668	K & J Electric, INC	Inv #'s 6131 & 6132	-5,569.00
Check	04/17/2013	2669	KENNEDY INDUSTRIES INC.	Inv 544710	-98.93
Check	04/17/2013	2670	Northern Pump & Well	Inv # 13-J191	-400.00
Check	04/17/2013	2671	NORTHWEST PIPE AND SUPPLY, IN	Inv #'s 119084 & 119222	-236.27
Check	04/24/2013	2672	AT & T	Acct 124552625-3	-90.00
Check	04/24/2013	2673	BRIGHTON ANALYTICAL, LLC	Inv #'s 0413-80646 & 0413-80672	-134.00
Check	04/24/2013	2674	PVS Nolwood Chemicals, Inc	Inv 400973 & Credit Memo 110283	-927.00
Check	04/24/2013	2675	State of Michigan'	Inv 811417	-154.00
Total					-8,886.13

#593 LAKE EDGEWOOD W/S FUND**Payment of Bills**

April 12 - 29, 2013

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
Check	04/17/2013	2337	Brighton Analytical L.L.C.	Inv #'s 0313-80449,0413-80532,0413-80581	-231.00
Check	04/17/2013	2338	BullsEye Telecom	Inv # 16226329	-240.45
Check	04/17/2013	2339	Complete Battery Source	Inv #272322BRI	-20.00
Check	04/17/2013	2340	Consumers Energy	Acct 1000 2508 9382	-405.59
Check	04/17/2013	2341	GEOCORP, INC	Inv 00176043	-103.29
Check	04/17/2013	2342	MHOG Utilities	7817 Bendix - 12/31/12 - 3/31/13	-55.82
Check	04/17/2013	2343	Wolverine Power Systems	Inv #'s 0073756-IN, 0073757-IN	-2,078.45
Check	04/24/2013	2344	Auto Zone	Inv 2170155437	-11.98
Check	04/24/2013	2345	Brighton Analytical L.L.C.	Inv # 0413-80647	-77.00
Check	04/24/2013	2346	JWC Environmental, LLC	Inv # 51763	-3,402.50
Check	04/24/2013	2347	USA BLUE BOOK	Inv # 916363	-649.41
Total					-7,275.49

#595 PINE CREEK W/S FUND**Payment of Bills**

April 12 - 29, 2013

Type	Date	Num	Name	Memo	Amount
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no checks issued

#503 DPW UTILITY FUND**Payment of Bills**

April 12 - 29, 2013

Type	Date	Num	Name	Memo	Amount
Check	04/15/2013	2418	U.S. POSTMASTER	Postage-MHOG Billing	-1,422.14
Check	04/17/2013	2419	Absolute Auto Repair	Inv #'s 77539 & 77548	-1,345.24
Check	04/17/2013	2420	Brighton Ford - Mercury, Inc.	Inv #'s 66118 & 170987	-94.34
Check	04/17/2013	2421	Chase Card Services	Statement dated 4/7/2013	-4,993.79
Check	04/17/2013	2422	Mancuso & Cameron	Inv dated 4/4/2013	-262.50
Check	04/17/2013	2423	Michigan Municipal League	Inv 8300	-51.00
Check	04/17/2013	2424	Port City Communications, Inc.	Inv 444404012013	-112.50
Check	04/17/2013	2425	Pyramid Environmental Training LLC	Inv 40913	-550.00
Check	04/17/2013	2426	The Sign Works	Inv 11134	-5.00
Check	04/17/2013	2427	STANDARD ELECTRIC COMPANY	Inv 1736263-00	-16.20
Check	04/17/2013	2428	Carol Hanus	Internet service	-61.37
Check	04/23/2013	2429	Business Imaging Group	Inv 225718	-1,623.96
Check	04/23/2013	2430	Blackburn Mfg. Co.	Inv 0435923-IN	-188.84
Check	04/23/2013	2431	Grainger	Numerous invoices	-119.59
Check	04/23/2013	2432	D Hill Environmental	Inv #'s 453 & 456	-250.00
Check	04/23/2013	2433	Tesha Humphriss	Phone for home office	-29.52
Check	04/23/2013	2434	Red Wing Shoe Store	Inv 1853 - Dave Miller	-164.48
Check	04/23/2013	2435	SENSUS USA	Inv ZA14000655	-1,524.60
Check	04/23/2013	2436	Shell Fleet Plus	Inv 065332306304	-4,368.76
Check	04/23/2013	2437	SWANN'S CLOTHING STORE	Safety Boots - Ryan McMahon	-179.98
Check	04/23/2013	2438	Verizon Wireless	Inv 9703116782	-199.35
Check	04/23/2013	2439	Wal-Mart Community	Acct 6032202000180670	-639.68
Check	04/24/2013	2440	Occupational Health Centers	Inv 708820043	-288.50
Check	04/25/2013	2441	State of Michigan	Inv 815200	-340.00
Check	04/25/2013	2442	Applied Imaging	Inv 178132-1	-8.97
Total					-18,840.31

GENOA CHARTER TOWNSHIP BOARD

Regular Meeting

April 15, 2013

MINUTES

Call to Order: Supervisor McCririe called the regular meeting of the Genoa Charter Township Board to order at 6:30 p.m. Present constituting a quorum were: Gary McCririe, Jean Ledford, Todd Smith, Linda Rowell, Paulette Skolarus and Robin Hunt. Also present were Township Manager Mike Archinal, Township Attorney Frank Mancuso and approximately 20 persons in the audience.

Pledge of Allegiance: The Pledge of Allegiance was recited.

Call to the Public: Elaine Thayer addressed the Board. She is a resident of Walnut Hills Subdivision. They are experiencing problems with solicitors in that subdivision.

APPROVAL OF CONSENT AGENDA:

Moved by Ledford and supported by Skolarus to approve all items listed under the consent agenda as requested. The motion carried unanimously.

1. **Payment of Bills**
2. **Request to approve minutes: April 1, 2013.**
3. **Request for approval of the Sewage Treatment agreement between Genoa Charter Township and the Genoa Oceola Sewer and Water Authority as provided by the Utility Director.**

APPROVAL OF REGULAR AGENDA:

Moved by Hunt and supported by Rowell to approve for action all items listed under the regular agenda. The motion carried unanimously.

4. **Request for approval of special use application, environment impact assessment and site plan for a proposed 20,680 sq. ft. office building located on the South side of Grand River Avenue between Hughes Road and Kellogg Road in section 14, petitioned by Dakkota Integrated Systems.**

Brent Levanway from Boss Engineering and Tony Dellicolli from CitiScape addressed the Board.

- A. Disposition of Special Use
Motion by Smith and supported by Hunt to approve the disposition of the special use permit. The motion was carried unanimously.
- B. Disposition of Environmental Impact Assessment
Motion by Skolarus and supported by Hunt to approve the disposition of the environmental impact assessment. The motion was carried unanimously.

C. Disposition of Site Plan

Motion by Ledford and supported by Smith to approve the disposition of the site plan.

1. If subsequent to this review, rooftop equipment is added, there will be appropriate screening to be reviewed by Township staff in advance of the 4/15/13 Township Board meeting;
2. The small driveway to the building from the main driveway may be removed prior to the 4/15/13 Township Board meeting if the decision is made to include a sprinkler system for the building;
3. The rendering and materials reviewed with the Planning Commission this evening are acceptable and will become property of the Township following Township Board review;
4. The landscape plan is accepted as presented. Irrigation will be provided excluding the wetland area. The Township Engineer will be consulted regarding the method of landscape irrigation in an effort to preserve public water and utilize wetland water if feasible;
5. The location of the waste receptacle, which is a 13' deviation from the side yard setback is acceptable;
6. The petitioner will attempt to relocate the sidewalk on the west side to minimize the boardwalk and will provide a performance guarantee acceptable to Township staff for construction of the boardwalk eventually;
7. The petitioner will provide a performance guarantee regarding the sidewalk on the east side in an amount acceptable to Township staff and shall provide an easement should the Township eventually seek construction of a boardwalk or relocation of a wetland;
8. The applicant must provide details of the light fixtures;
9. A second wall sign, the total of which for both equals less than 100 feet, is approved;
10. The requirements of the Township Engineer's letter of March 5, 2013 shall be complied with;
11. The petitioner shall work with the Engineer to determine if the wetland waters can be used for irrigation;
12. The requirements of the February 27, 2013 letter from the Brighton Area Fire Department will be complied with.

The motion carried unanimously.

5. Request for approval of environmental impact assessment for a proposed site excavation and stockpile related to the Latson Road Interchange Project, located on the Northwest corner of Nixon and Crooked Lake Road in section 17, petitioned by Rudolph C. Hauss.

Mr. Levanway from Boss Engineering addressed the Board with Rudolph Hauss. The timing of this project hinges on the interchange project timetable. Mr. Smith indicated that Howell School was advised of this plan and did not tell him of any concerns.

A. Disposition of Environmental Impact Assessment

Motion by Smith and supported by Ledford to approve the disposition of the environmental impact assessment, subject to compliance with the hours of operation as set forth in the ordinance and subject to the compliance with the performance guarantee outlined in the letter by Kelly VanMarter of Genoa Township. The motion was carried unanimously.

B. Disposition of site plan

Motion by Hunt and supported by Smith to approve the site plan. The motion was carried unanimously.

6. Consider request from Pine Creek Homeowners Association for the privatization and closure of roads within the plat.

Dick Silles (Vice President of Pine Creek Ridge Homeowner's Association) with Dr. Taylor (President of the Association) and Kim Bowlin (Attorney for Association) addressed the Board. Dr. Taylor gave a presentation of the change of conditions since the opening of roadways that allowed the public to use the streets within the association as a thoroughfare. He indicated that the Road Commission has no objection to vacating the roads within the Association. Dick Sill gave the traffic counts that he has obtained for each entrance. Attorney Bowlin addressed the Board regarding the draft resolution presented in the packet.

A call to the public was made with the following response: Sheila Tupper, a resident, addressed the Board. They relocated here from Grosse Pointe. Within 1 month of moving there, she had to alter the play areas of her children due to the traffic and manner of driving near her home. Her husband addressed the Board as well.

Mike Tracey, a resident, addressed the Board. He described his issues with the traffic throughout the subdivision.

Mac Miller, a resident, addressed the Board. He supports the request to privatize the roads due to traffic issues.

Barb Kehoe, a resident, addressed the Board. She supports the request to privatize the roads. She fears the traffic issues will result in physical injury to someone.

Mandy Miller, a resident, addressed the Board. She appreciates that the garbage company now offers recycling. There are now 21 children on their 15 house block. She is concerned for the safety of these children.

Vince Mileto addressed the Board. He supports the request to privatize the roads. He lives on a cul-de-sac, but has observed the traffic issues. He is concerned about the crime within Pine Hills, as well.

Jeri Lynn Gulligan addressed the Board regarding the privatization request. She is concerned about the dangers of the traffic patterns in the neighborhood.

Ian Gordon addressed the Board regarding the request for privatization. His mail box has been hit by cars three times and twice, it was destroyed by kids throwing boulders at it. On one occasion, it was chemically bombed with a bleach bomb.

Eric Johnson addressed the Board. He concurs with Mr. Gordon's comments as it relates to the danger of the traffic.

Mike Tracey added the comment that he has found drug paraphernalia within the sub, most likely from high school students, in the past – usually in cul-de-sacs. He often finds condoms in the cul-de-sacs, as well.

Rowell asked some questions of the petitioner. Ledford and Smith both indicate they would support the resolution once presented to the Board.

Gary McCrie believes a traffic study may be required to study how traffic would be affected on other roads if the traffic was diverted out of the subdivision. He asked if speed bumps would be a possibility. That is not a possibility due to the curves and hills on the road. Additionally, the curves are beveled, so the drivers could avoid them by driving into lawns. The Fire Department objected, as well.

Skolarus asks whether one gate at Brighton Lake Road would be sufficient. The roads would need to be privatized, regardless. The PUD would need to be amended, so the mechanics of how the gates would work (ie, passcodes, passcards, etc.) could be addressed at that point.

Mark Garbacik addressed the Board.

Skolarus indicated she would like time to discuss this matter with the administrative committee. McCrie reiterates that additional information would be needed from Hamburg and City of Brighton. Hunt would like to explore deterring traffic as opposed to stopping it. Rowell asks if a meeting could be scheduled with representatives from the schools, the pertinent governmental units and the subdivision. Mike Archinal is to schedule that and shall include the Fire Department, as well.

Attorney Bowlin asks where the members of the Board are at with this request or for a straw poll. Attorney Mancuso suggested that would be inappropriate at this time. There was some discussion between Attorney Mancuso and Attorney Bowlin regarding how to proceed from here.

7. Discussion regarding MTA retreat.

Ledford expressed an interest in attending. Rowell is interested, but cannot commit at this time.

Member Discussion: Todd Smith addressed issues with uploading the packet. Mike Archinal updated the board regarding issues with DeWitt's Radiator property. Gary McCrie advises that the Mountain Mystic report is forthcoming.

Adjournment. The regular meeting of the board was adjourned at 8:57 p.m.

Paulette A. Skolarus
Genoa Charter Township Clerk

(Press/Argus 04/19/2013)

Current Version and Tracked Recommendations:

Equal Employment Opportunity

It is the policy of the Township Board to provide equal employment opportunities to qualified persons without regard to race, creed, color, sex, pregnancy, age, religion, national origin, citizenship status, disability, genetic information, veteran status, ancestry, marital status, height, weight, arrest record, disability, sexual orientation or handicap that is unrelated to the individual's ability to perform the duties of a particular job or position, or any other status or criterion which is prohibited by federal, state and local law or ordinance. This policy applies to recruiting, hiring, discharge, compensation, benefits, LOA's, promotions, discipline, performance reviews, and all other terms conditions and privileges of employment.

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Harassment

Consistent with the Township's policy of equal employment opportunity, harassment in the workplace based on a person's race, color, sex, pregnancy, age, religion, national origin, citizenship status, disability, genetic information, veteran status, marital status, height, weight, arrest record, sexual orientation or handicap will not be tolerated. As used herein, the term "sexual harassment" includes unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature. Sexual harassment will be regarded as a violation of this policy when:

1. submission to such conduct is made a direct or indirect condition of employment; or
2. submission to or rejection of such conduct is used as a factor in employment-related decisions such as promotion, performance evaluation, pay adjustment, discipline, work assignment, etc.; or
3. Such conduct interferes with employment or creates an intimidating, offensive, or hostile working environment.

If you believe you have been the victim of sexual, racial or other form of unlawful harassment, you should immediately come forward and express your complaint to your supervisor and/or your Human Resources Representative. If your complaint is against your supervisor, you should take your complaint to the next level of management and/or Human Resources. An investigation will be promptly conducted following a standardized procedure. Although it is impossible to conduct an investigation and maintain complete confidentiality, anyone reporting or investigating a complaint for sexual harassment shall do so in as confidential a manner as possible. The person making the complaint will be informed of the conclusions reached from the investigation. If harassment is found to have occurred, appropriate disciplinary action will be taken to prevent further harassment up to and including employment termination.

No person will suffer adverse action for making a complaint in good faith or for taking part in the investigation of a complaint. It is the policy of the Township to prohibit retaliation against anyone who makes a complaint in good faith or who takes part in the investigation. It is a violation of this policy for

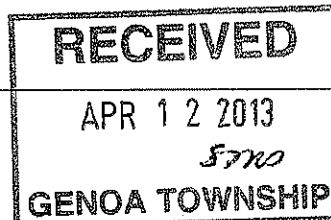
anyone to knowingly or with reckless disregard for the truth, make false accusations of harassment. Failure to prove a claim of harassment is not equivalent to a false allegation. Disciplinary action, up to and including employment termination may be imposed –on individuals who knowingly or with reckless disregard for the truth make false accusations of harassment.

This policy shall not alter or change the policy that employment is "at-will."—Need to expand on per our performance reviews or offer letters?Nothing set forward in this policy is intended to modify the employment at-will relationship in any way.

2013

Application for Fireworks Other Than Consumer or Low Impact
 Michigan Department of Licensing & Regulatory Affairs
 Bureau of Fire Services
 P.O. Box 30700
 Lansing MI 48909
 (517) 241-8847

Authority: 2011 PA 256 Compliance: Voluntary Penalty: Permit will not be issued	The Department of Licensing & Regulatory Affairs will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this agency.		
<input type="checkbox"/> Agricultural or wildlife fireworks	<input type="checkbox"/> Articles Pyrotechnic	<input checked="" type="checkbox"/> Display Fireworks	
<input type="checkbox"/> Special effects manufactured for outdoor pest control or agricultural purposes	<input type="checkbox"/> Public Display	<input type="checkbox"/> Private Display	
NAME OF APPLICANT CALVIN HECKMAN Jr	ADDRESS 4263 CLIFFORD RD	AGE (18 or over) 54	
IF A CORPORATION, NAME OF PRESIDENT	ADDRESS		
IF A NON-RESIDENT APPLICANT, NAME OF MICHIGAN ATTORNEY OR RESIDENT AGENT	ADDRESS	TELEPHONE NUMBER	
NAME OF PYROTECHNIC OPERATOR CALVIN HECKMAN Jr.	ADDRESS 4263 CLIFFORD	AGE (18 or over) 54	
NO. YEARS EXPERIENCE 12	NO. DISPLAYS 17	WHERE INDIANA & MICHIGAN	
NAME OF ASSISTANT NONE	ADDRESS N/A	AGE N/A	
NAME OF OTHER ASSISTANT	ADDRESS	AGE	
EXACT LOCATION OF PROPOSED DISPLAY WATERS EDGE @ 4127 CLIFFORD			
DATE OF PROPOSED DISPLAY JUNE 29 2013		TIME OF PROPOSED DISPLAY 1015 PM	
MANNER AND PLACE OF STORAGE, SUBJECT TO APPROVAL OF LOCAL FIRE AUTHORITIES, IN ACCORDANCE WITH NFPA 1123, 1124 & 1126 AND OTHER STATE OR FEDERAL REGULATIONS. PROVIDE PROOF OF PROPER LICENSING OR PERMITTING BY STATE OR FEDERAL GOVERNMENT			
APPROVED STORAGE BUNKER IN KINGSBURY IN		DEL SET UP FIRED SAME DAY	
AMOUNT OF BOND OR INSURANCE (To be set by local government) \$1,000,000	NAME OF BONDING CORPORATION OR INSURANCE COMPANY LLOYDS of London		
ADDRESS OF BONDING CORPORATION OR INSURANCE COMPANY Combined SPECIALTIES INTERNATIONAL INC 205 SAN MARIN DR NAVAJO, CA			
NUMBER OF FIREWORKS	KIND OF FIREWORKS TO BE DISPLAYED		
30	3" Asst Ariel Shells		
60	4" " " "		
24	5" " " "		
12	6" " " "		
6	8" " " "		
SIGNATURE OF APPLICANT <i>Calvin Heckman Jr</i>		DATE 4-12-13	



Genoa Twp Board:

II Calvin Heckman Jr
Request A Fireworks Permit For
A Display @ CROOKED LAKE SAT
29 June 2013 to Be FIRED @
4127 Clifford Rd WATER FRONT
IT WILL BE ALMOST THE SAME
AS YEARS PAST. I HAVE Included
Reg PAPER WORK to Support My
Request, I HAVE DONE MANY
SHOWS OVER THE LAST 14 YEARS.
Thank you for The Consideration
IN This matter

Respectfully

Calvin Heckman Jr

A BACK UP Show Date OR "RACH DATE"
would Be July 6th 2013.

Certificate of Insurance

152541

Issue Date: 4/9/2013

PRODUCER
Deborah M. Merlino
Combined Specialties International, Inc.
205 San Marin Drive, Suite 5
Novato, California 94945

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
RKM Fireworks Company
St. Evans, Inc.
27383 May Street
Edwardsburg, MI 49112

INSURER A: Underwriters, Lloyd's London

INSURER B:

INSURER C:

INSURER D:

COVERAGES
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE NAMED INSURED ABOVE FOR THE PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (DD/MM/YY)	POLICY EXPIRATION DATE (DD/MM/YY)	LIMITS	
A	GENERAL LIABILITY CLAIMS MADE	CSI-748877-12	10/8/2012	10/8/2013	EACH ACCIDENT	\$5,000,000
					FIRE LEGAL LIABILITY	\$50,000
					GENERAL AGGREGATE	\$5,000,000
					PRODUCTS-COMP/OPS AGG	
	AUTOMOBILE LIABILITY ANY AUTO ANY OWNED AUTO SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Each accident)	
					BODILY INJURY (Per Person)	
					BODILY INJURY (Per Accident)	
					PROPERTY DAMAGE (Per person)	
	EXCESS LIABILITY FOLLOWING FORM				EACH ACCIDENT	
					AGGREGATE	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY OTHER LIMITS	
					E.L. EACH ACCIDENT	
					E.L. DISEASE-EA EMPLOYER	
					E.L. DISEASE-POLICY LIMIT	
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Tri Lakes Association is additional insured as respects the fireworks display on 6/29/2013 (RD: 7/6/2013) located at Crooked Lake.

CERTIFICATE HOLDER
Tri Lakes Association
4263 Clifford
Brighton, MI 48116

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

Deborah M. Merlino

AUTHORIZED REPRESENTATIVE



U.S. Department of Justice
Bureau of Alcohol, Tobacco, Firearms and Explosives
Federal Explosives Licensing Center
244 Needy Road
Martinsburg, West Virginia 25405

901090: CRR/FLS
5400
File Number: 4MI00995

11/07/2012

SUBJECT: **EMPLOYEE POSSESSOR LETTER OF CLEARANCE** for:

CALVIN HECKMAN

09/05/1958 303725001

SHOOTER/ OPERATOR
(810)227-6307

4263 CLIFFORD RD
BRIGHTON, MI 48116

and is **ONLY** valid under the following Federal explosives license/permit:

4-MI-027-51-5L-00995

RKM FIREWORKS CO
27383 MAY ST
EDWARDSBURG, MI 49112

Dear CALVIN HECKMAN:

You have been approved to transport, ship, receive or possess explosive materials as an employee possessor under the Federal explosive license or permit indicated above. **This clearance is only valid under the license or permit referenced above.**

Sincerely,

Christopher R. Reeves
Chief, Federal Explosives Licensing Center (FELC)

FELC Customer Service. If you believe that information on your "Letter of Clearance" is incorrect, please return a COPY of the letter to the Chief, Federal Explosives Licensing Center (FELC), with a statement showing the nature of the error. The Chief, FELC, shall correct the error, and return an amended letter to you.

Mail: ATF
Chief, FELC
Attn.: LOC Correction
244 Needy Road
Martinsburg, West Virginia 25405

Fax: 1-304-616-4401
Chief, FELC
Attn.: LOC Correction

Call toll-free: 1-877-283-3352

WWW.ATF.GOV

CALVIN HECKMAN

Employee Possessor Letter of Clearance for:

CONTINGENCY LETTER

To The Township of Genoa

IF The EVENT That There Are Any
FIREWORKS Not Put into The Air!
They will Be Returned to The Banker
for SAFE Storage UNTill Such time
They would Be used for the Backup
Show Date! If there Are weather
Conditions Preventing the Show from
Being Shot on the original Date!

Thank you

Calin Herberman Jr.

4-12-13

BRIGHTON

CLIFFORD

Chulson

CONRAD

FILBERT

BOAT LAUNCH

STAIRS

CLIFFORD

ROUND LAKE

Cracked
by
Duck

WYREED PENSTAYAN

SHOW APPROX 200 YDS
FROM HOUSES



HIGH CREST

Like
Cracked

N. Shore

Polly

From: Jodie Tedesco <jtedesco@livingstonroads.org>
Sent: Thursday, April 25, 2013 1:10 PM
To: Polly
Cc: Mike Craine; Mike Archinal
Subject: Timberview Subdivision

Hi Polly,

The information we obtained from coring in Timberview Subdivision reflects approximately 5.0 inches of asphalt pavement on top of dirty sand/gravel. The preliminary estimate I gave you on August 3, 2012 for \$300,000 is still within range to rehabilitate the pavement in Timberview Subdivision. As you recall the preliminary scope included milling the existing pavement and leaving the asphalt curbs in place and repaving the driving portion of the streets.

At the time of the preliminary estimate I was unaware of the asphalt thickness (typically these subdivisions have only 2.0 – 3.0 inches of asphalt) and after more thought I'm not sure this would be aesthetically acceptable to the residents to leave the existing oxidized (gray) curbs in place. My current thought would be to remove/mill off a portion of the existing surface (leaving some of the existing asphalt in place) and removing the existing curbs and repair the large transverse cracks. Then pave the streets with two lifts of Hot Mix Asphalt. The top surface would have a wing type curb to channel water. The curb profile would not necessarily be the same as the existing curb (wing curbs today have a much lower profile), which could potentially leave the project short of funds for turf restoration or driveway repairs to match the new curb elevation. Sprinklers at the back of curb would also need to be relocated prior to construction to avoid damage.

This method of rehabilitation would clearly improve the driving surface and aesthetics of the streets in Timberview. The chances of reflective cracking from the underlying pavement being left in place soon after paving is high. A routine preventative maintenance program should be in place to seal cracks periodically to circumvent early pavement deterioration.

If you have any questions or comments please contact me.

Thanks

Jodie Tedesco, P.E.
County Highway Engineer

Memo

To: Genoa Township Board
From: Debra L. Rojewski, Assessor *DR*
Date: April 18, 2013
Re: Timberview & Pine Hill Circle Road Improvement

I have reviewed the signatures for the Timberview & Pine Hill Circle Road Improvement and there are 31 signatures in favor of the district. There are 48 parcels in the district making this 64.58% of the signatures in favor.

If you have any questions or concerns please feel free to contact me at anytime.

Resolution #1 – Timberview Road Improvement Project
Special Assessment Project (Winter 2013)

GENOA CHARTER TOWNSHIP

At a regular meeting of the Township Board of the Genoa Charter Township, Livingston County, Michigan, (the “Township”) held at the Township Hall on May 6, 2013, at 6:30 p.m., there were

PRESENT: McCririe, Skolarus, Hunt, Rowell, Mortensen, Smith and Ledford.

ABSENT: None.

The following preamble and resolution were offered by Ledford, and seconded by Smith.

**Resolution to Proceed with the
Project and Direct
Preparation of the Plans and Cost Estimates**

WHEREAS, the Board of Trustees of the Township desires to create a special assessment district for the Timberview Road Improvement project within the Township as described in Exhibit A (the “Project”);

WHEREAS, the Board of Trustees of the Township has received petitions from owners of property within the Timberview Subdivision and determined to proceed with the Project in accordance with Act No. 188, Michigan Public Acts of 1954, as amended;

WHEREAS, the Board of Trustees of the Township has determined to advance the costs of the Project from Township funds and to use special assessments to raise the money necessary to reimburse the Township for the advance of such funds;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. In accordance with Act No. 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, the Township Supervisor is directed to have plans prepared illustrating the Project, the location of the Project, and an estimate of the cost of the Project.

2. The plans and estimates identified in paragraph 1, when prepared, shall be filed with the Township Clerk.

A vote on the foregoing resolution was taken and was as follows:

YES: Ledford, Smith, Hunt, Rowell, Mortensen, Skolarus and McCririe.

NO: None.

ABSTAIN: None.

CLERK'S CERTIFICATE

The undersigned, being the duly qualified and acting Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board (May 6, 2013), at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Paulette A. Skolarus
Genoa Charter Township Clerk

EXHIBIT A

TIMBERVIEW SUBDIVISION

DESCRIPTION OF PROJECT A FIVE YEAR SPECIAL ASSESSMENT DISTRICT WITH PROJECTED COSTS AS FOLLOWS:

The project (the "Project") will consist of:

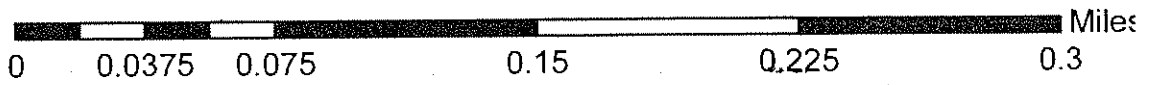
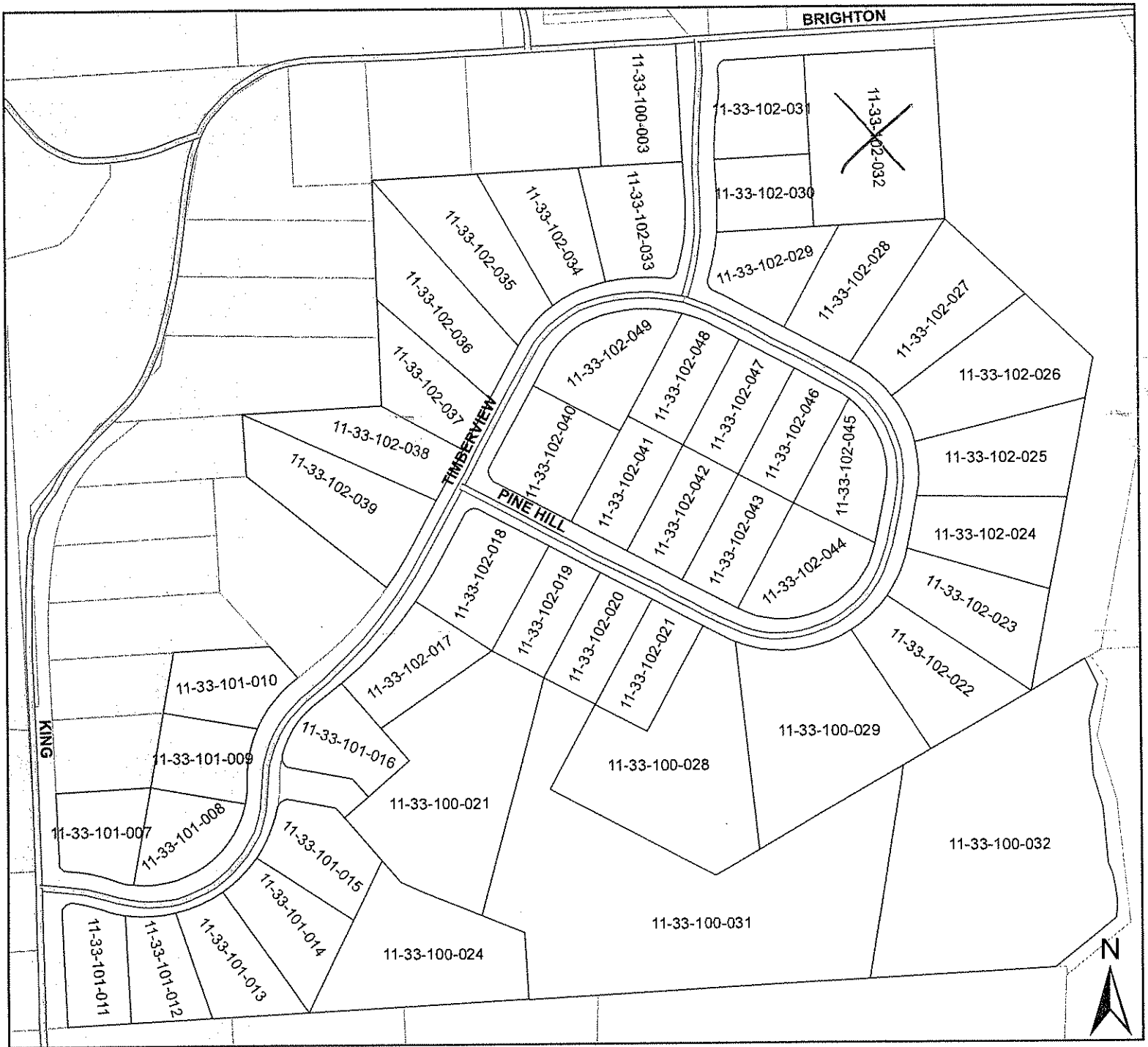
Removal and mill of a portion of the existing surface leaving some of the existing asphalt in place, removing the existing curbs and repair the large transverse cracks. Then pave the streets with two lifts of hot mix asphalt. The top surface would have a wing type curb (which has a different profile) to channel water. Sprinklers would be relocated at the back of the curb prior to construction. *Note: The chances of reflective cracking from the underlying pavement being left in place would be high.* This project includes expenses for publications and mailings.

- **Total amount per parcel - \$5,122.45**
- **Amount per year for six years @ 0 % Interest - \$853.75**



(2) The Project is being designed to serve the properties in the Special Assessment District, which district is illustrated on the map (included) and includes the specific properties that are identified by the following permanent parcel numbers:

parcel numbers




4711-33-100-003	
4711-33-100-021	4711-33-100-024
4711-33-100-028	4711-33-100-029
4711-33-100-031	4711-33-100-032
4711-33-101-007	4711-33-101-008
4711-33-101-009	4711-33-101-010
4711-33-101-011	4711-33-101-012
4711-33-101-013	4711-33-101-014
4711-33-101-015	4711-33-101-016
4711-33-102-017	4711-33-102-018
4711-33-102-019	4711-33-102-020
4711-33-102-021	4711-33-102-022
4711-33-102-023	4711-33-102-024
4711-33-102-025	4711-33-102-026
4711-33-102-027	4711-33-102-028
4711-33-102-029	4711-33-102-030
4711-33-102-031	4711-33-102-033
4711-33-102-034	4711-33-102-035
4711-33-102-036	4711-33-102-037
4711-33-102-038	4711-33-102-039
4711-33-102-040	4711-33-102-041
4711-33-102-042	4711-33-102-043
4711-33-102-044	4711-33-102-045
4711-33-102-046	4711-33-102-047
4711-33-102-048	4711-33-102-049



Legend

-  timberview_roads
-  Genoa_Parcels

Genoa_roads

-  IN
-  MJ
-  MN

Timberview Roads



Resolution #2 – Timberview Road Improvement Project
Special Assessment Project (Winter 2013)

GENOA CHARTER TOWNSHIP

At a regular meeting of the Township Board of the Genoa Charter Township of Livingston County, Michigan, (the “Township”) held at the Township Hall on May 6, 2013, at 6:30 p.m., there were

PRESENT: Rowell, Mortensen, Skolarus, McCririe, Hunt, Smith, and Ledford

ABSENT:

The following preamble and resolution were offered by _____ and seconded by _____.

**Resolution to Approve the Project,
Scheduling the First Hearing
And Directing the Issuance of Statutory Notices**

WHEREAS, the Board of Trustees of the Township has approved the Timberview Road Improvement Project within the Township as described in Exhibit A (the “Project”);

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Board of Trustees of the Township has determined to proceed with the Project in accordance with Act No. 188, Michigan Public Acts of 1954, as amended;

WHEREAS, the Board of Trustees of the Township has determined to advance the costs of the Project from Township funds and to use special assessments to raise the money necessary to reimburse the Township for the advance of such funds;

WHEREAS, the special assessment district for the Project has been tentatively determined by the Township and is described in Exhibit B;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Trustees of the Township hereby tentatively declares its intent to proceed with the Project.

2. In accordance with Act No. 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing on the Project and the proposed Special Assessment District for the Project which is known as the “Timberview Road Improvement Project Special Assessment District (winter 2013).”

3. The public hearing will be held on May

20, 2013 at 6:30 p.m., at the offices of Genoa Charter Township, Livingston County, Michigan.

4. The Township Clerk is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or parties listed thereon. The notice to be mailed by the Township Clerk shall be similar to the notice attached as Exhibit B and shall be mailed by first class mail on or before May 7, 2013. Following the mailing of the notices, the Township Clerk shall complete an affidavit of mailing similar to the affidavit set forth in Exhibit C.

5. The Township Clerk is directed to publish a notice of the public hearing in the Livingston County Daily Press & Argus, a newspaper of general circulation within the Township. The notice shall be published twice, once on or before May 10, 2013 and once on or before May 17, 2013. The notice shall be in a form substantially similar to the notice attached as Exhibit B.

A vote on the foregoing resolution was taken and was as follows:

YES:

NO:

ABSTAIN: None.

CLERK'S CERTIFICATE

The undersigned, being the duly qualified and acting Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Paulette A. Skolarus
Genoa Charter Township Clerk

EXHIBIT A

LIVINGSTON COUNTY, MICHIGAN

NOTICE OF PUBLIC HEARING
UPON A PROPOSED TIMBERVIEW ROAD IMPROVEMENT PROJECT
AND SPECIAL ASSESSMENT DISTRICT FOR THE PROJECT

NOTICE IS HEREBY GIVEN:

(1) The Township Board of Genoa Charter Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a Public Hearing on May 20, 2013, at 6:30 p.m., at the Genoa Charter Township Offices, 2911 Dorr Road, Brighton, Michigan 48116, to review the following proposed special assessment district:

GENOA CHARTER TOWNSHIP – TIMBERVIEW ROAD IMPROVEMENT PROJECT
AND SPECIAL ASSESSMENT DISTRICT (Winter 2013)
(A six-year program with costs as follows)

And to hear any objections thereto and to the proposed project.

The project (the “Project”) will consist of:

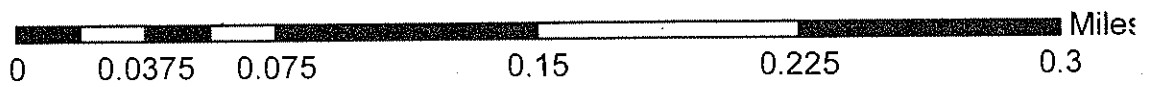
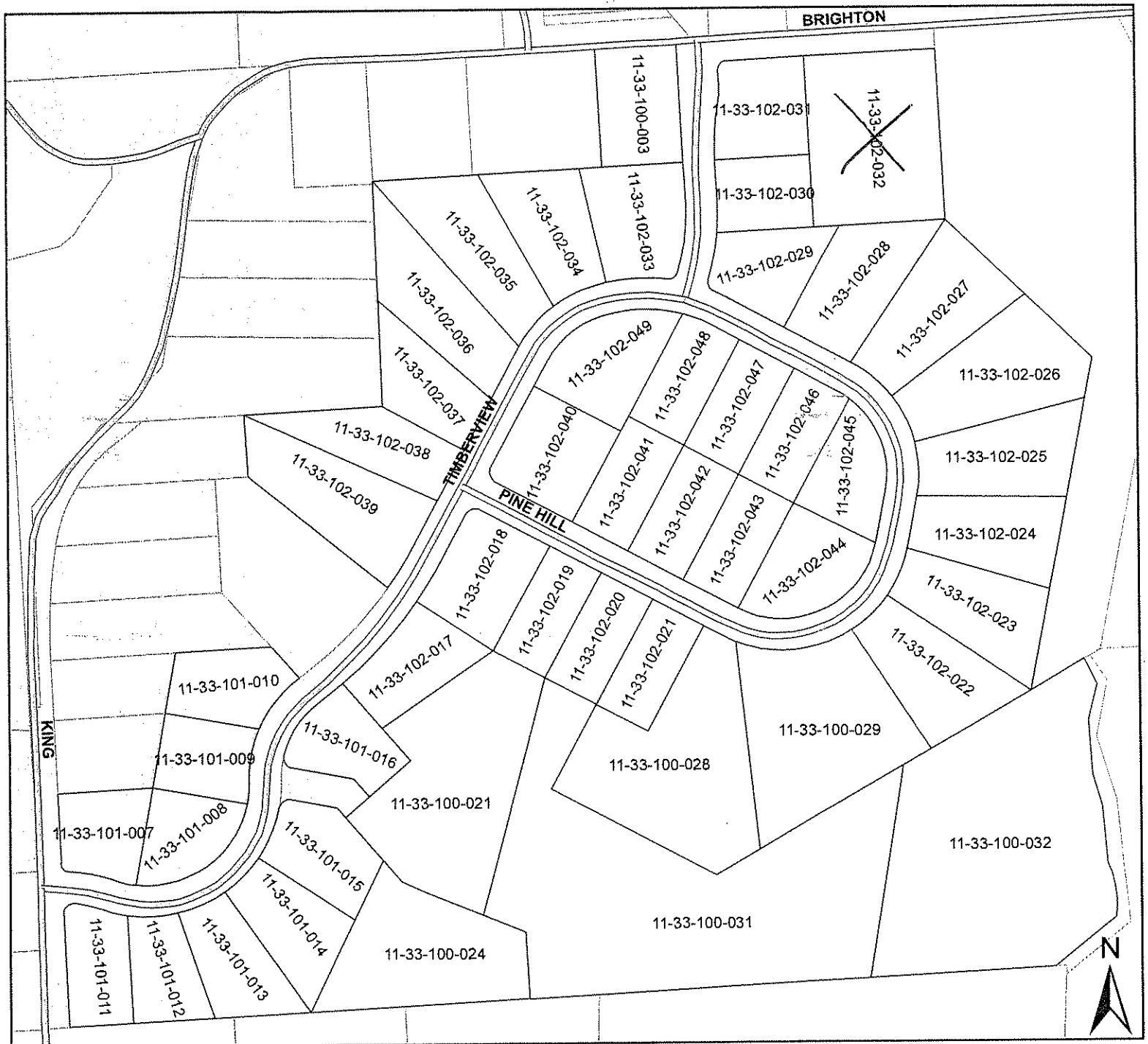
Removal and mill of a portion of the existing surface leaving some of the existing asphalt in place, removing the existing curbs and repair the large transverse cracks. Then pave the streets with two lifts of hot mix asphalt. The top surface would have a wing type curb (which has a different profile) to channel water. Sprinklers would be relocated at the back of the curb prior to construction. *Note: The chances of reflective cracking from the underlying pavement being left in place would be high.* This project includes expenses for publications and mailings.

- **Total amount per parcel - \$5,122.45**
- **Amount per year for six years @ 0% Interest - \$853.75**

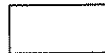

(2) The Project is being designed to serve the properties in the Special Assessment District, which district is illustrated on the map (included) and includes the specific properties that are identified by the following permanent parcel numbers:

parcel numbers


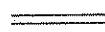
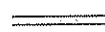
4711-33-100-003	
4711-33-100-021	4711-33-100-024
4711-33-100-028	4711-33-100-029
4711-33-100-031	4711-33-100-032
4711-33-101-007	4711-33-101-008
4711-33-101-009	4711-33-101-010
4711-33-101-011	4711-33-101-012
4711-33-101-013	4711-33-101-014
4711-33-101-015	4711-33-101-016
4711-33-102-017	4711-33-102-018
4711-33-102-019	4711-33-102-020
4711-33-102-021	4711-33-102-022
4711-33-102-023	4711-33-102-024
4711-33-102-025	4711-33-102-026
4711-33-102-027	4711-33-102-028
4711-33-102-029	4711-33-102-030
4711-33-102-031	4711-33-102-033
4711-33-102-034	4711-33-102-035
4711-33-102-036	4711-33-102-037
4711-33-102-038	4711-33-102-039
4711-33-102-040	4711-33-102-041
4711-33-102-042	4711-33-102-043
4711-33-102-044	4711-33-102-045
4711-33-102-046	4711-33-102-047
4711-33-102-048	4711-33-102-049



Legend

-  timberview_roads
-  Genoa_Parcels

Genoa_roads

-  IN
-  MJ
-  MN

Timberview Roads



(3) The Township plans to impose special assessments on the properties located in the Special Assessment District to pay for the costs of the Project. (4) The preliminary plans and cost estimates for the proposed Project and the boundaries of the Special Assessment District are now on file in the office of the Township Clerk for public inspection. The Township Board has received petitions signed by 65 percent of property owners within the proposed district. Pursuant to the provisions of Public Act 188 of 1954, record owners of land have the right to file written objections to the Project with the Township Board. Pursuant to the provisions of Public Act 188 of 1954, record owners of land have the right to file written objections to the Project with the Township Board. Any person objecting to the proposed Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the May 20, 2013 hearing or within such further time as the Township Board may grant.

This notice is given by order of the Genoa Township Board.

Dated: May 6, 2013

Paulette A. Skolarus
Genoa Township Clerk

(Press/Argus 05/10/2013 & 05/17/2013)

EXHIBIT C

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)
COUNTY OF LIVINGSTON)

PAULETTE A. SKOLARUS, being first duly sworn, deposes and says that she personally prepared for mailing, and did on May 7, 2013, send by first-class mail, the notice of hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Genoa; that she personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that she personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Paulette A. Skolarus
Genoa Charter Township Clerk

MEMORANDUM

TO: Township Board
FROM: Michael Archinal
DATE: May 2, 2013
RE: SELCRA

In January we had discussions related to full membership in the Howell Area Parks and Recreation Authority. You ultimately approved full membership. Derek Smith of SELCRA made a presentation and the Township Board asked that the SELCRA Board make a motion requesting that Genoa become a full voting member. Attached you will find minutes including this request. I had generated a significant amount of information the last time you considered this and I did not know how much of it you wanted to see again. The only outstanding issue is the cost of the damage to the athletic fields. A letter is attached describing these costs.

Annual dues for membership were s \$33,229.87 in 2010. This number is based on participation and will change. Our membership would require that the SELCRA Articles of Incorporation be changed and that you adopt them. I feel that if we are going to contribute we must be full voting members. Counsel will be consulted as to how to proceed.

Please consider the following action:

Moved by _____, supported by _____, to direct staff to pursue actions necessary to achieve full membership in SELCRA.

SELCRA

SELCRA Board Meeting Minutes – March 13, 2013

In attendance: Mulvihill, Cooper, Doughty, Kilpatrick

Absent: Phillips, Michel, Everett **Laisons:** Trombley **Staff:** Smith, Royster

- I. **Call to Order** at 6:50pm by Mulvihill
- II. **Call to the Public** – No one spoke.
- III. **Additions to the Agenda**
None
- IV. **Approval of Agenda & Minutes** – **Motion** by Doughty second by Kilpatrick to approve the March 2013 agenda. **Approved.** **Motion** by Doughty, second by Kilpatrick to approve the minutes from the Feb 2013 meeting. **Approved.**
- V. **Introduction of Guests** – None
- VI. **Receive Financials** – Motion by Cooper, second by Kilpatrick to receive the financials from February 2013. Received. Board requested a side by side comparison from last years financials at the same time.
- VII. **Old Business**
 - a) **BAS/JUA** – Motion by Cooper, second by Kilpatrick to approve the JUA as submitted. Approved.
 - b) **K & S proposal** – Motion by Kilpatrick second by Doughty to table the proposal for 6 months and revisit next fiscal year. Approved.
- VIII. **Directors Report**
 - a) **Brighton State Recreation Area** – Purchased Camp Talahi. They have approached us to program the facility. Smith indicated it opens up a lot of areas such as fishing, boating, summer camps, etc. Cooper suggested bussing from SELCRA to allow summer camp option to parents.
 - b) **Programs** – Baseball/Softball group is working with staff to identify the field usage this year due to the construction. DDA has contracted to run 2 programs this summer, but with limited funding we will need to get more sponsorships.
 - c) **Genoa Township** – Smith mentioned that Genoa Twp is interested in becoming a member. They have requested that the articles list the precincts that would be affected by a millage. The board was unanimously in favor of working with Genoa Township in becoming a full member and would like to begin moving forward with the process.
- IX. **New Business**
 - a) **Golf Dome** – Board would like Smith to look into a dome which could be placed over one of the new turf fields so we could run year round programs.
- X. **Adjournment** – **Motion by Doughty to adjourn. Second by Everett. Adjourned 7:47pm**

Respectfully submitted,

Cheryl Royster, Recording Clerk

Dan Mulvihill, Chair

Page 1 of 1
SELCRA – Board of Trustees
Minutes – March 2013



PO Box 501 Howell, MI. 48844-0501
 517-548-6653 info@coopersturf.com

Estimate

Date	Estimate #
12/6/2010	5083

Name / Address
GENOA TOWNSHIP 2911 DORR ROAD BRIGHTON, MI. 48116

Terms	Project
due upon receipt	

Qty	Description	Cost	Total
	NORTH SOCCER FIELD RESTORATION		
75	TOPSOIL-TOP DRESS THIN AREAS & FILL IN RUTS (APPROX. 75 YDS. NEEDED, INSTALLED)	21.60	1,620.00
74,250	SILT SEED ENTIRE SOCCER FIELD (APPROX 74,250 SQ.FT.) PER SQ. FT. USING SPORTS TURF 50/50 MIX	0.05	3,712.50
	FERTILIZATER APPLICATION OF 15-30-15 SUPER STARTER FERTILIZER AT TIME OF SILT SEEDING	238.69	238.69
5	SOCCER FIELDS SHOULD BE FERTILIZED EVERY 4 WEEKS WITH 19-19-19 FOR THE FIRST YEAR TO ESTABLISH THICK TURF GRASS (5 APPLICATIONS RECOMMENDED)	192.38	961.90
Total			\$6,533.09

Approval Signature _____

MEMORANDUM

TO: Township Board

FROM: Michael Archinal 

DATE: 5/2/2013

RE: Superior Play Proposal

Please find attached a proposal from Superior Play for the installation of the next phase of playground equipment for Genoa Park. This phase will be located between the swings and the existing age 5 to 12 element. The primary focus of this phase will be two track rides a disc challenge and a ring bridge. There will be four stand-alone ancillary pieces of equipment: a stand-up seesaw, a spring ring bouncer and two double bobble riders. The improvements are depicted on the attached drawing.

This phase will have the same poured in place rubber surfacing used in the previous two phases. Despite the depiction the surfaces will be connected. The first phase incorporated a map of the state of Michigan. The swing set has Michigan mammal tracks and silhouettes. I am open to ideas for a pattern or theme for this new area.

The equipment cost is \$35,455 and the installation and poured in place rubber cost is \$56,113.89 for a total of \$91,568.89. This cost is budgeted and will be paid out of the Recreation Fund #270. Superior Play has done the previous installations and we have been very pleased with their work. This will likely complete the playscape for this area. The site is already very popular and I believe we will achieve a critical mass of play amenities with this effort. Future play structure installation would likely occur in a different location.

Please consider the following action:

Moved by _____, supported by _____, to approve the proposal from Superior Play for equipment and installation of playground equipment at a cost of \$91,568.89



All P.O.'s Contracts or Checks Payable to:
Landscape Structures, Inc.
601 7th Street South
Delano, MN 55328 USA

Proposal

Date	Project #
4/18/2013	13-326

Name / Address
Genoa Township Mike Archinal 2911 Dorr Road Brighton, MI 48116

Ship To
Genoa Township Mike Archinal 2911 Dorr Road Brighton, MI 48116

Customer Contact	Customer Phone	Customer Fax	Terms	P.O. No.	Rep
Mike Archinal	810-227-5225		Net 30		Eric

Item	Description	Qty	Weight	Price	Total
	Phase 2				
126194A	Fish Net, DB	1	67	2,200.00	2,200.00T
111467A	2"S Ring Bridge Right	1	87	1,305.00	1,305.00T
120872A	Swing Out	1	70	1,000.00	1,000.00T
112465A	Track Ride (18' Connecting)	2	348	2,230.00	4,460.00T
136157A	Disc Challenge S Shape Right with Handhold Panels Equal Decks Attached to 16" Dk DB	1	213	3,055.00	3,055.00T
153590A	Orbiter Spinner	3	285	1,485.00	4,455.00T
111228A	PlayBooster Tenderdeck	4	472	765.00	3,060.00T
111404H	92" Aluminum PO Post. Specify post color when ordering.	1	23	220.00	220.00T
111404E	Aluminum Posts 116	2	58	240.00	480.00T
111404C	Aluminum Post 132"	9	279	270.00	2,430.00T
111404O	132" Steel Post DB	5	390	235.00	1,175.00T
164075B	Double Bobble Rider, Direct Bury	2	262	1,545.00	3,090.00T
117961A	LSI Spring Ring Bouncer Direct Bury	1	504	4,425.00	4,425.00T
148638A	LSI Stand-Up Seesaw Direct Bury	1	160	1,895.00	1,895.00T
Freight	Freight			2,205.00	2,205.00T

Proposal Good For 30 Days.
 Ship Via: Common Carrier
 Please Call 24 hours prior to delivery: _____

Signature below accepting this proposal will constitute a purchase order.

Subtotal	\$35,455.00
Sales Tax (0.0%)	\$0.00
Total	\$35,455.00

Accepted By Customer _____

Superior Play, LLC
 889 S. Old US 23 Brighton, MI 48114
 P:810-229-6245 TF: 888-778-7529 Fax: 810-229-6256



All P.O.'s Contracts or Checks Payable to:
Superior Play, L.L.C.
889 S. Old US Highway 23
Brighton, MI 48114 USA

Proposal

Date	Proposal #
4/18/2013	13-326-1

Bill To:
Genoa Township Mike Archinal 2911 Dorr Road Brighton, MI 48116

Ship To
Genoa Township Mike Archinal 2911 Dorr Road Brighton, MI 48116

Customer Contact	Customer Phone	Customer Fax	Terms	P.O. No.	Rep
Mike Archinal	810-227-5225		Net 30		Eric

Item	Description	Qty	Weight	Price	Total
Install	Phase 2 Fitness Area: Installation of fitness structure, (2) Double Bobble Riders, Stand-Up Seesaw, and Spring Ring; Sitework, Drainage, Gravel Prep, Concrete Mow Strip.			22,111.01	22,111.01
PIP	Supply and Install Poured in Place Rubber Surfacing Note: Does not include relocation / repair to existing sprinkler lines.			34,002.88	34,002.88T

Proposal Good For 30 Days
 Ship Via: Common Carrier
 Please Call 24 Hours Prior To Delivery: _____

Signature below accepting this proposal will constitute a purchase order.

Subtotal	\$56,113.89
Sales Tax (0.0%)	\$0.00
Total	\$56,113.89

Accepted By Customer _____

Superior Play, LLC
 889 S. Old US 23 Brighton, MI 48114
 P: 810-229-6245 TF: 888-778-7529 Fax: 810-229-6256

Reverse



Genoa Playgro

December 12



MEMORANDUM

TO: Township Board

FROM: Michael Archinal 

DATE: May 2, 2013

RE: Red Oaks Bid Award

I am pleased to report that we have received bids for the Red Oaks pavement rehabilitation project and that the low bidder is approximately \$50,000 below our estimate. Attached you will find a letter from Hubbell, Roth & Clark recommending a bid award to Cadillac Asphalt . A comprehensive bid tabulation is included as well.

Please consider the following action:

Moved by _____, supported by _____, to award a contract for the Red Oaks Subdivision Paving SAD to Cadillac Asphalt in the amount of \$757,169.



HUBBELL, ROTH & CLARK, INC
Consulting Engineers

Principals
George E. Hubbell
Thomas E. Blehi
Walter H. Alix
Peter T. Roth
Michael D. Waring
Keith D. McCormack
Nancy M.D. Faught
Daniel W. Mitchell

Senior Associates
Gary J. Tressei
Kenneth A. Melchior
Randal L. Ford
Timothy H. Sullivan

Associates
Jonathan E. Booth
Michael C. MacDonald
Marvin A. Olane
William R. Davis
Jesse B. VanDeCreek
Robert F. DeFrain
Marshall J. Grazioli
Thomas D. LaCross
Dennis J. Benoit
James F. Burton
Jane M. Graham
Donna M. Martin
Charles E. Hart

April 25, 2013

Genoa Township
2911 Dorr Road
Brighton, MI 48116

Attn: Mr. Michael Archinal, Township Manager

Re: Bid Results
Red Oaks Subdivision Paving SAD

HRC Job No. 20120678.07

Dear Mr. Archinal:

On Wednesday, April 24, 2013, the Township received and opened bids for the above mentioned project. A total of two (2) contractors submitted bids, which were \$757,169.00 and \$849,783.95. The low bid was submitted by Cadillac Asphalt located in Clarkston, Michigan. Attached is one (1) copy of the bid tab for your records.

Cadillac Asphalt has completed similar subdivision paving projects for other municipalities. We have found that they have successfully completed their projects in accordance with the contract documents. Therefore, based on this information, we would recommend that the Township award the contract for the Red Oaks Subdivision Paving SAD to Cadillac Asphalt in the amount of \$757,169.00.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.


Michael P. Darga, P.E.

MPD/mpd
Attachment

pc: Genoa Twp; K. VanMarter
Cadillac; J. Snurka
HRC; G. Hubbell, J. Booth, file

Y:\201206\20120678\06_Cons\2013 04 25 Red Oaks Award Recom Ltr.docx

105 W. Grand River
Howell, Michigan 48843
Telephone 517 552 9199 Fax 517 552 6099
www.hrc-engr.com

Engineering. Environment. Excellence.

BID TABULATION
 RED OAKS PAVING SAD
 GENOA TOWNSHIP, LIVINGSTON COUNTY

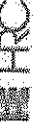
Bids Due: 04/24/2013
 HRC Job # 20120678

Cadillac Asphalt, LLC
 4751 White Lake Road
 Clarkston, MI 48346
 (248) 620-7952

FONSON, Inc.
 7644 Whitmore Lake Road
 Brighton, MI 48116
 (810) 231-5188

DIVISION 1 - PAVING SAD

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
1. Silt Fence, 36 inch	1,250 ft	\$0.25	\$312.50	\$2.05	\$2,562.50
2. Pavt, Rem	3,745 syd	\$5.00	\$18,725.00	\$9.00	\$33,705.00
3. Butt Joint	100 syd	\$10.00	\$1,000.00	\$42.00	\$4,200.00
4. HMA Base Crushing and Shaping	31,460 syd	\$1.50	\$47,190.00	\$1.58	\$49,706.80
5. Shoulder, CI III, 3 inch	5,470 syd	\$3.80	\$20,786.00	\$4.40	\$24,068.00
6. Culv, Rem, Less than 24 inch	30 ea	\$100.00	\$3,000.00	\$200.00	\$6,000.00
7. Culv, Rem, 24 inch to 48 inch	8 ea	\$275.00	\$2,200.00	\$375.00	\$3,000.00
8. Culv, CSP, 12 inch, Tr A	620 ft	\$23.00	\$14,260.00	\$40.00	\$24,800.00
9. Culv, CSP, 15 inch, Tr A	120 ft	\$25.75	\$3,090.00	\$42.00	\$5,040.00
10. Culv, CSP, 18 inch, Tr A	220 ft	\$29.50	\$6,490.00	\$48.00	\$10,560.00
11. Culv, CSP, 24 inch, Tr A	240 ft	\$18.00	\$4,320.00	\$71.00	\$17,040.00
12. Culv, CSP, 30 inch, Tr A	310 ft	\$18.00	\$5,580.00	\$74.00	\$22,940.00
13. Culv, End Sect, CSP, 12 inch	14 ea	\$80.00	\$1,120.00	\$145.00	\$2,030.00
14. Culv, End Sect, CSP, 15 inch	4 ea	\$90.00	\$360.00	\$155.00	\$620.00
15. Culv, End Sect, CSP, 18 inch	10 ea	\$100.00	\$1,000.00	\$190.00	\$1,900.00
16. Culv, End Sect, CSP, 24 inch	12 ea	\$105.00	\$1,260.00	\$240.00	\$2,880.00
17. Culv, End Sect, CSP, 30 inch	4 ea	\$210.00	\$840.00	\$520.00	\$2,080.00
18. Ditch Cleanout	1,000 ft	\$6.00	\$6,000.00	\$4.20	\$4,200.00
19. HMA, 13A	6,440 ton	\$61.50	\$396,060.00	\$58.33	\$375,645.20
20. Hand Patching	230 ton	\$95.00	\$21,850.00	\$119.19	\$27,413.70
21. HMA Approach	1,500 syd	\$21.67	\$32,505.00	\$15.25	\$22,875.00
22. Concrete Approach, 6 inch	550 syd	\$27.50	\$15,125.00	\$27.50	\$15,125.00
23. Approach, CI III, CIP	205 cyd	\$46.00	\$9,430.00	\$12.75	\$2,613.75
24. Greenbelt Restoration	16,150 syd	\$3.03	\$48,934.50	\$3.44	\$55,556.00
25. Mailbox, Relocate	40 ea	\$50.00	\$2,000.00	\$75.00	\$3,000.00
26. Dr Structure Cover, Adj	47 ea	\$570.00	\$26,790.00	\$750.00	\$35,250.00
27. Subgrade Undercutting, Type 1	300 cyd	\$10.00	\$3,000.00	\$10.00	\$3,000.00
28. Subgrade Undercutting, Type 2	300 cyd	\$24.00	\$7,200.00	\$33.00	\$9,900.00
29. Geogrid, TX190L	230 syd	\$5.75	\$1,322.50	\$13.50	\$3,105.00
30. Dust Palliative, Applied	35 ton	\$50.00	\$1,750.00	\$325.00	\$11,375.00



BID TABULATION
 RED OAKS PAVING SAD
 GENOA TOWNSHIP, LIVINGSTON COUNTY

Bids Due: 04/24/2013
 HRC Job # 20120678

Cadillac Asphalt, LLC
 4751 White Lake Road
 Clarkston, MI 48346
 (248) 620-7952

FONSON, Inc.
 7644 Whitmore Lake Road
 Brighton, MI 48116
 (810) 231-5188

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
31. Audio Video Route Survey		Lump Sum	\$3,000.00	Lump Sum	\$2,800.00
32. Maintaining Traffic		Lump Sum	\$16,500.00	Lump Sum	\$6,650.00
33. Mobilization		Lump Sum	\$10,000.00	Lump Sum	\$17,000.00
Subtotal Division 1 - Paving SAD			\$733,000.50		\$808,640.95

DIVISION 2 - SANITARY SEWER

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
1. Dr Structure Cover, Sanitary	47 ea	\$425.00	\$19,975.00	\$680.00	\$31,960.00
2. Dr Structure, Reconst	25 ft	\$50.00	\$1,250.00	\$220.00	\$5,500.00
3. HMA Paving, 3 inch	290 syd	\$10.15	\$2,943.50	\$12.70	\$3,683.00

Subtotal - Division 2 - Sanitary Sewer

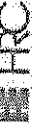
\$24,168.50

TOTAL AMOUNT OF BID - DIV 1 & 2

\$849,783.95

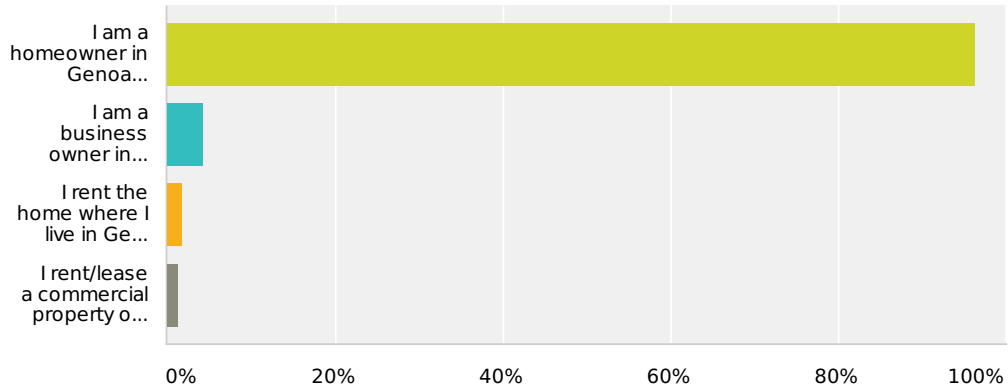
ENGINEER:

Hubbell, Roth & Clark, Inc.
 105 W. Grand River
 Howell, MI 48843



Q1 Please check all that apply to you:

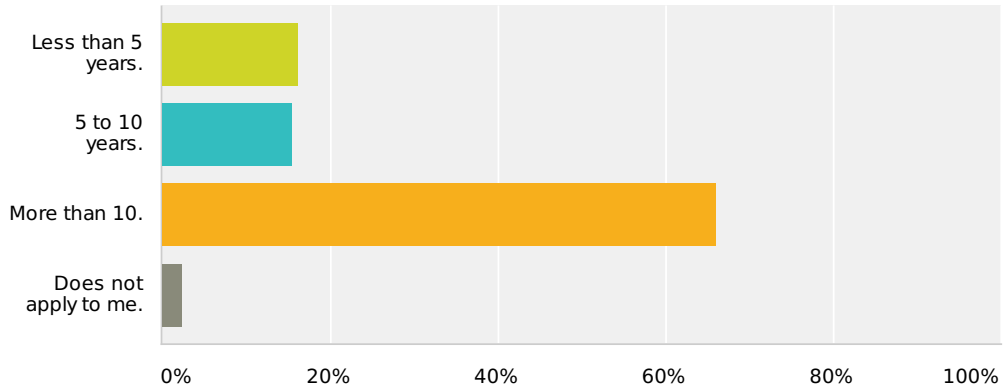
Answered: 471 Skipped: 1



Answer Choices	Responses
I am a homeowner in Genoa Township.	96.39% 454
I am a business owner in Genoa Township.	4.25% 20
I rent the home where I live in Genoa Township.	1.70% 8
I rent/lease a commercial property or space in Genoa Township.	1.27% 6
Total Respondents: 471	

Q3 For how long have you owned property in Genoa Township?

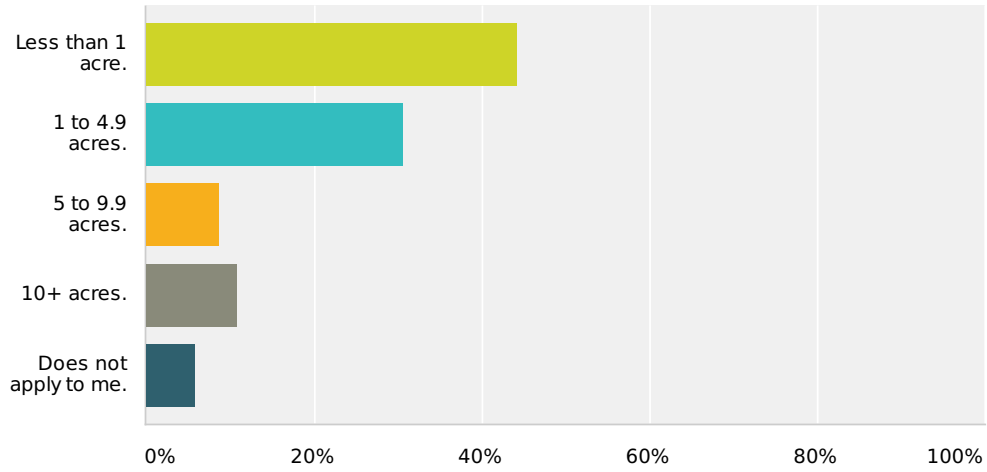
Answered: 471 Skipped: 1



Answer Choices	Responses
Less than 5 years.	16.14% 76
5 to 10 years.	15.50% 73
More than 10.	66.03% 311
Does not apply to me.	2.34% 11
Total	471

Q4 How large is the property you own in Genoa Township?

Answered: 471 Skipped: 1

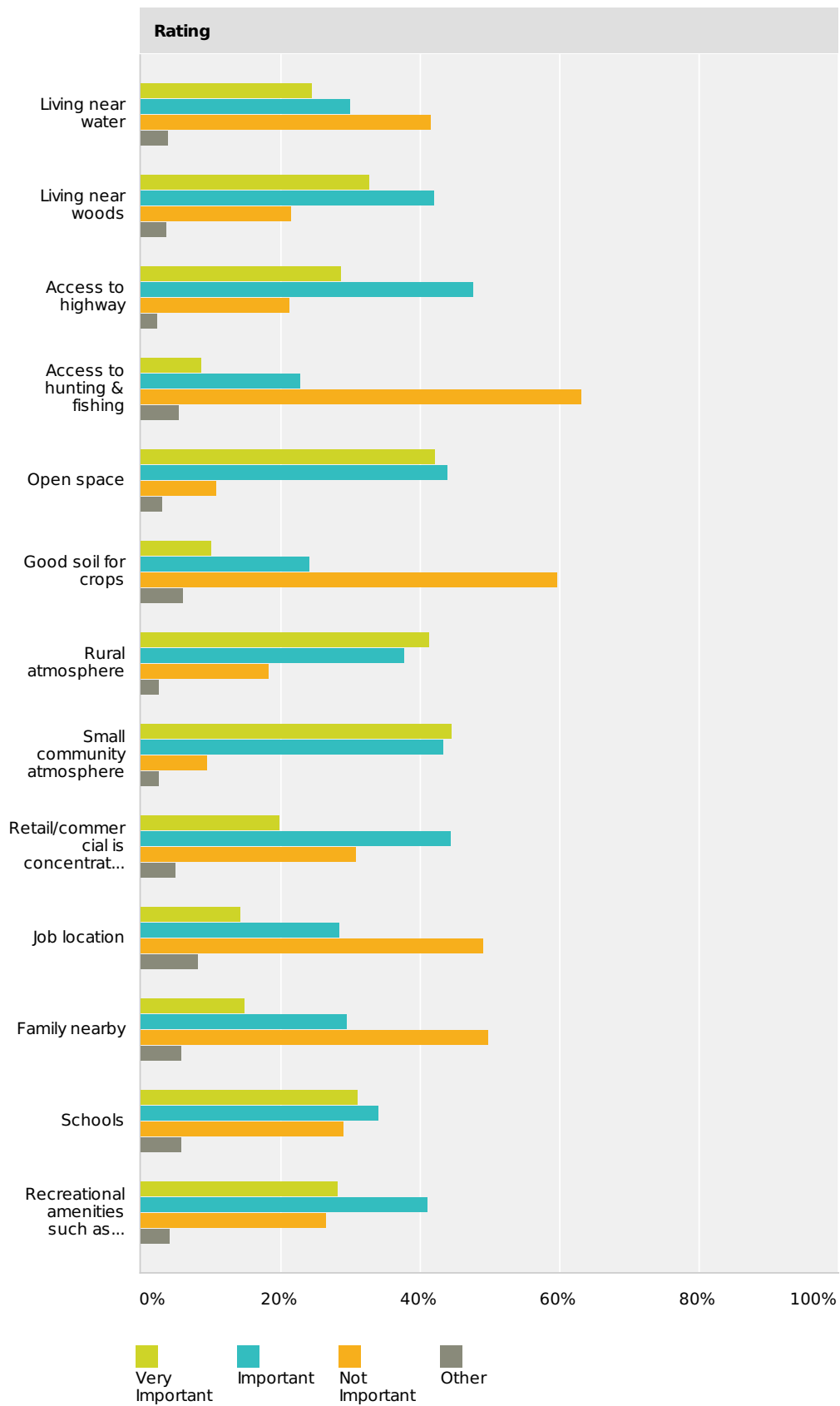


Answer Choices	Responses	
Less than 1 acre.	44.16%	208
1 to 4.9 acres.	30.57%	144
5 to 9.9 acres.	8.70%	41
10+ acres.	10.83%	51
Does not apply to me.	5.73%	27
Total		471

Q5 How important are or were the following factors when deciding to live or own property and remain in Genoa Township?

Answered: 464 Skipped: 8

Future Land Use Survey: Latson Road Interchange



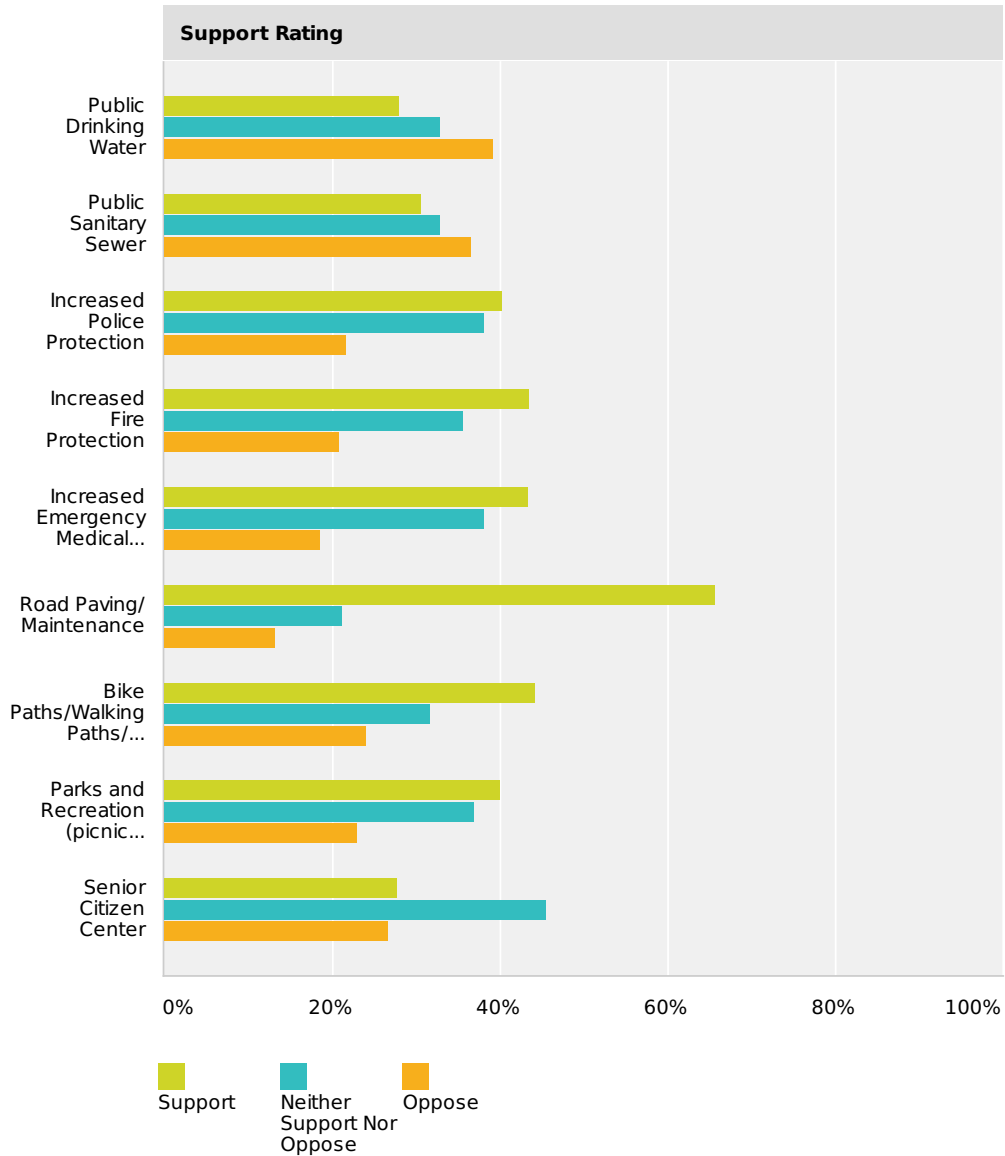
Rating					
	Very Important	Important	Not Important	Other	Total
Living near water	24.57% 114	29.96% 139	41.59% 193	3.88% 18	464

Future Land Use Survey: Latson Road Interchange

Living near woods	32.76% 152	42.03% 195	21.55% 100	3.66% 17	464
Access to highway	28.66% 133	47.63% 221	21.34% 99	2.37% 11	464
Access to hunting & fishing	8.62% 40	22.84% 106	63.15% 293	5.39% 25	464
Open space	42.24% 196	43.97% 204	10.78% 50	3.02% 14	464
Good soil for crops	10.13% 47	24.14% 112	59.70% 277	6.03% 28	464
Rural atmosphere	41.38% 192	37.72% 175	18.32% 85	2.59% 12	464
Small community atmosphere	44.61% 207	43.32% 201	9.48% 44	2.59% 12	464
Retail/commercial is concentrated on the main street	19.83% 92	44.40% 206	30.82% 143	4.96% 23	464
Job location	14.22% 66	28.45% 132	49.14% 228	8.19% 38	464
Family nearby	14.87% 69	29.53% 137	49.78% 231	5.82% 27	464
Schools	31.03% 144	34.05% 158	29.09% 135	5.82% 27	464
Recreational amenities such as sidewalks, bike paths and parks	28.23% 131	41.16% 191	26.51% 123	4.09% 19	464

Q6 Do you support or oppose paying additional taxes or fees for any of the following public services or facilities?

Answered: 457 Skipped: 15



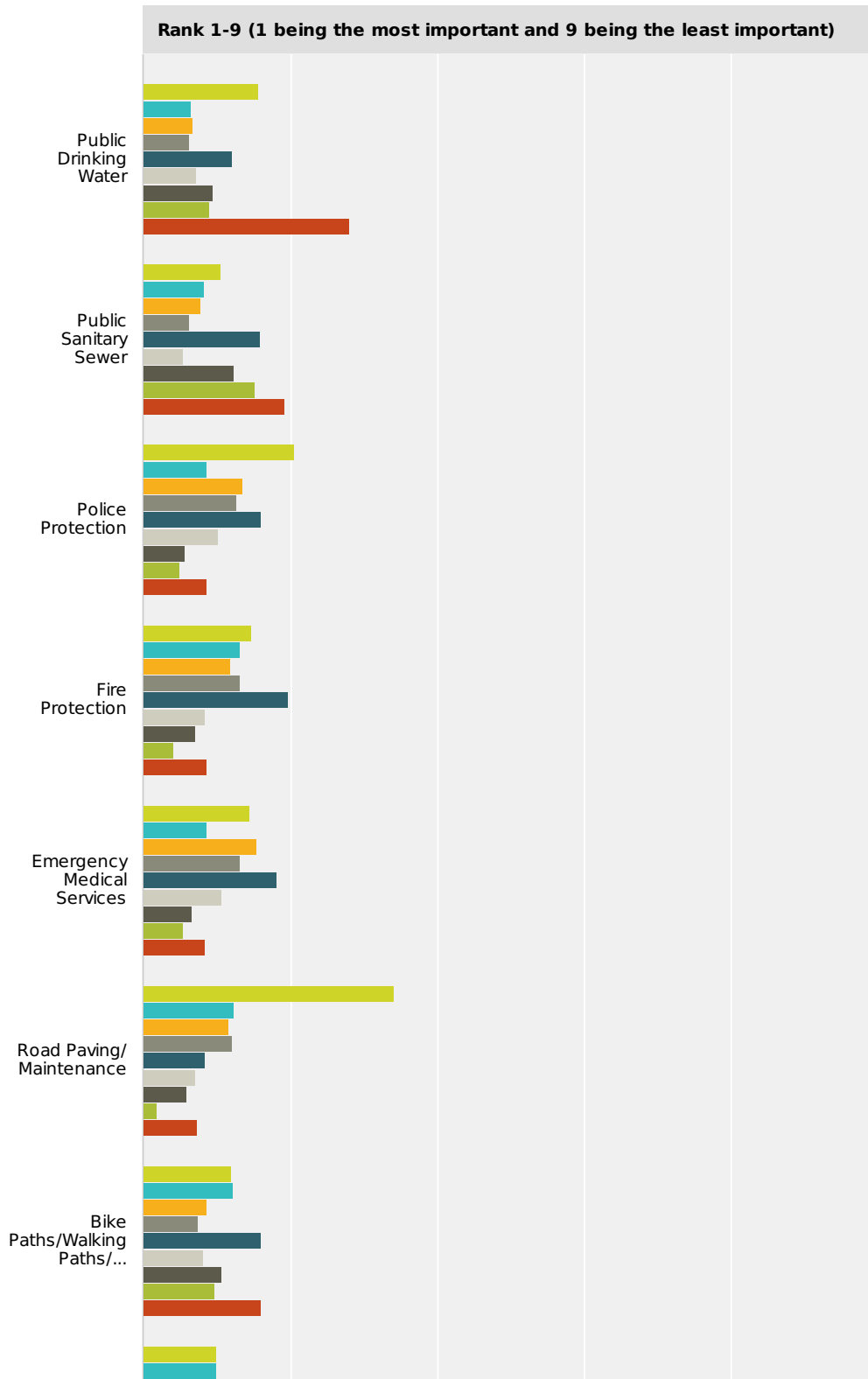
Support Rating				
	Support	Neither Support Nor Oppose	Oppose	Total
Public Drinking Water	28.01% 128	32.82% 150	39.17% 179	457
Public Sanitary Sewer	30.63% 140	32.82% 150	36.54% 167	457
Increased Police Protection	40.26% 184	38.07% 174	21.66% 99	457
Increased Fire Protection	43.54% 199	35.67% 163	20.79% 95	457

Future Land Use Survey: Latson Road Interchange

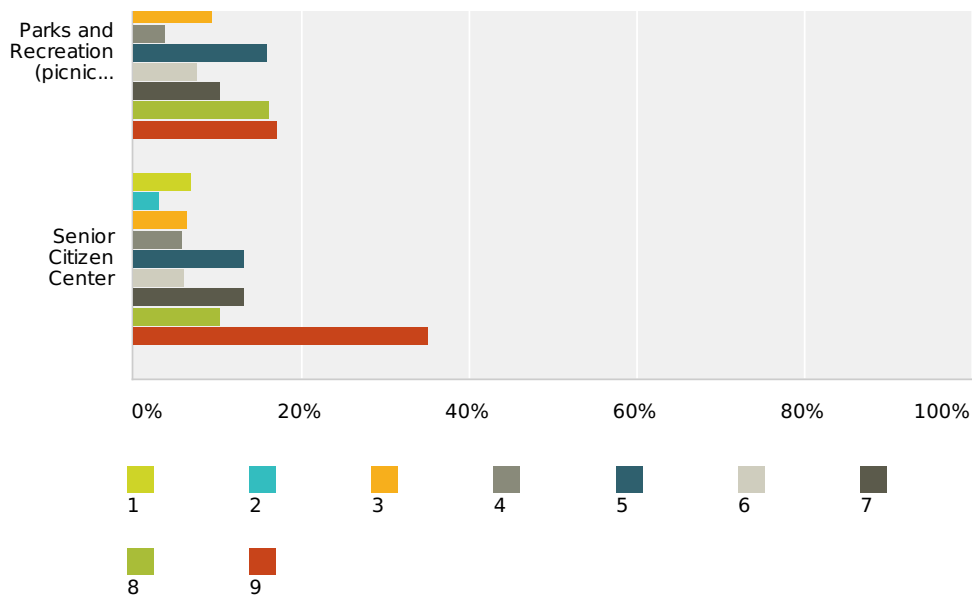
Increased Emergency Medical Services	43.33% 198	38.07% 174	18.60% 85	457
Road Paving/ Maintenance	65.65% 300	21.23% 97	13.13% 60	457
Bike Paths/Walking Paths/ Sidewalks	44.20% 202	31.73% 145	24.07% 110	457
Parks and Recreation (picnic areas, playgrounds, play fields, tennis courts etc.)	40.04% 183	36.98% 169	22.98% 105	457
Senior Citizen Center	27.79% 127	45.51% 208	26.70% 122	457

Q7 Please provide your opinion on the importance of expanding the following public services and facilities. Assign a number to each choice below with 1=most important and 9=least important, using each number only once.

Answered: 408 Skipped: 64



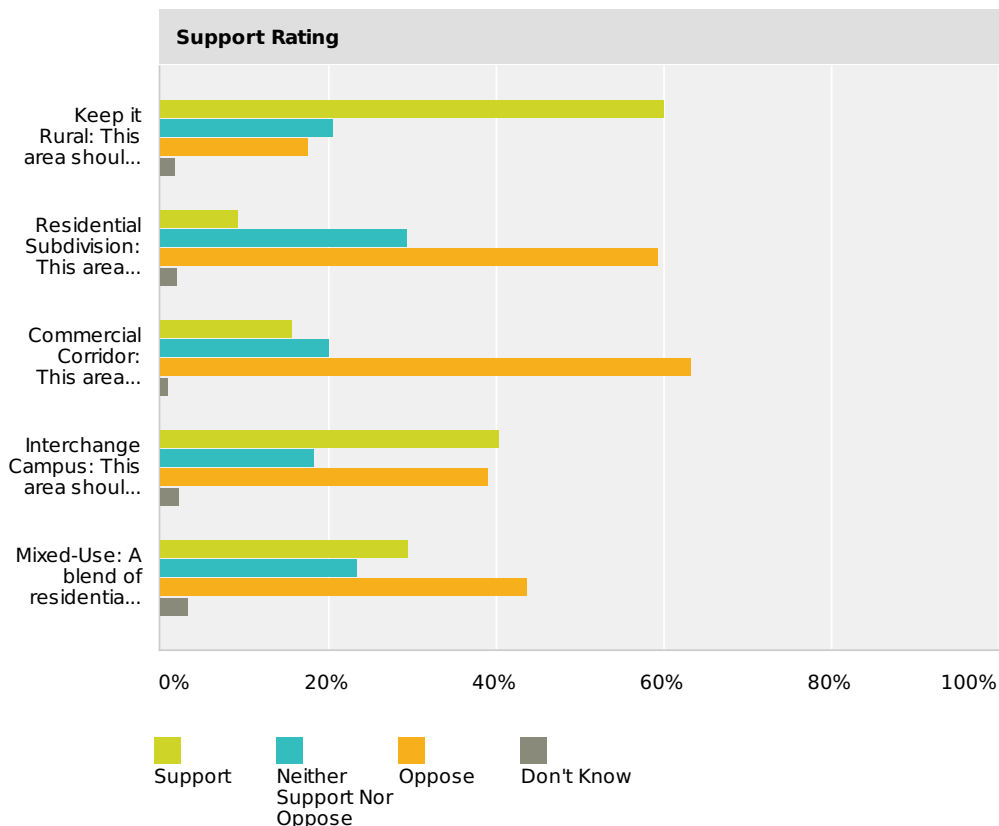
Future Land Use Survey: Latson Road Interchange



Rank 1-9 (1 being the most important and 9 being the least important)										
	1	2	3	4	5	6	7	8	9	Total
Public Drinking Water	15.52% 61	6.36% 25	6.62% 26	6.11% 24	11.96% 47	7.12% 28	9.41% 37	8.91% 35	27.99% 110	393
Public Sanitary Sewer	10.46% 41	8.16% 32	7.65% 30	6.12% 24	15.82% 62	5.36% 21	12.24% 48	15.05% 59	19.13% 75	392
Police Protection	20.45% 81	8.59% 34	13.38% 53	12.63% 50	15.91% 63	10.10% 40	5.56% 22	4.80% 19	8.59% 34	396
Fire Protection	14.57% 58	13.07% 52	11.81% 47	13.07% 52	19.60% 78	8.29% 33	7.04% 28	4.02% 16	8.54% 34	398
Emergency Medical Services	14.32% 57	8.54% 34	15.33% 61	13.07% 52	18.09% 72	10.55% 42	6.53% 26	5.28% 21	8.29% 33	398
Road Paving/Maintenance	34.09% 136	12.28% 49	11.53% 46	12.03% 48	8.27% 33	7.02% 28	5.76% 23	1.75% 7	7.27% 29	399
Bike Paths/Walking Paths/Sidewalks	11.87% 47	12.12% 48	8.59% 34	7.32% 29	15.91% 63	8.08% 32	10.61% 42	9.60% 38	15.91% 63	396
Parks and Recreation (picnic areas, playgrounds, play fields, tennis courts etc.)	9.85% 39	9.85% 39	9.34% 37	3.79% 15	15.91% 63	7.58% 30	10.35% 41	16.16% 64	17.17% 68	396
Senior Citizen Center	6.84% 27	3.04% 12	6.33% 25	5.82% 23	13.16% 52	6.08% 24	13.16% 52	10.38% 41	35.19% 139	395

Q8 The Latson Road interchange is currently under construction. Once completed we anticipate demand for development south of the interchange. Through a public open house, meetings with property owners, discussions with the township’s planners, and input from economic development professionals, we have been presented a number of different scenarios for how this area could develop. We are considering a concept described as interchange campus, which would allow a planned development for a medical campus, research park, or similar as described below. We would like to know what our residents would like the area south of the new interchange along Nixon Road to look like in the future.

Answered: 453 Skipped: 19



Future Land Use Survey: Latson Road Interchange

	Support	Neither Support Nor Oppose	Oppose	Don't Know	Total
<p>Keep it Rural: This area should remain in agricultural use, or develop as single-family residential on lots no less than 5 acres. This area is prime farmland or has significant natural limitations such as wetlands. This area should not be planned for sanitary sewer or public water.</p>	<p>60.04% 272</p>	<p>20.53% 93</p>	<p>17.66% 80</p>	<p>1.77% 8</p>	453
<p>Residential Subdivision: This area should be developed with new small lot, single-family subdivisions and/or multiple family condominiums and served with public water and sanitary sewer.</p>	<p>9.27% 42</p>	<p>29.36% 133</p>	<p>59.38% 269</p>	<p>1.99% 9</p>	453
<p>Commercial Corridor: This area should be developed as a commercial corridor similar to Grand River Avenue. This area would need to be served with public water and sanitary sewer.</p>	<p>15.67% 71</p>	<p>20.09% 91</p>	<p>63.36% 287</p>	<p>0.88% 4</p>	453
<p>Interchange Campus: This area should be developed with a large scale user to serve as an economic development engine for the area. Land uses in this category would include hospitals, corporate headquarters, universities, sports centers, and research and development facilities. This would require public water and sanitary sewer.</p>	<p>40.40% 183</p>	<p>18.32% 83</p>	<p>39.07% 177</p>	<p>2.21% 10</p>	453

Future Land Use Survey: Latson Road Interchange

Mixed-Use: A blend of residential, commercial, cultural, institutional or industrial uses whose functions are integrated. This would require public water and sanitary sewer.	29.58% 134	23.40% 106	43.71% 198	3.31% 15	453

Q9 Please leave your comments or questions below:

Answered: 245 Skipped: 227

#	Responses	Date
1	I am glad for the interchange finally being completed. I don't want to further industrialize the area.	5/1/2013 7:17 PM
2	Having lived in S.F., Ca. for 35 yrs, we are concerned about OVER DEVELOPMENT!	5/1/2013 4:39 PM
3	WILL LATSON RD BE PAVED TO CROOKED LK RD? HOW MANY LANES? WILL CROOKED LAKE BE PAVED?	5/1/2013 4:36 PM
4	PLEASE ADD BIKE PATHS TO PROJECT ON LATSON ROAD INTERCHANGE	5/1/2013 10:39 AM
5	NO MORE FUCKING TAXES!! [sic]	5/1/2013 10:34 AM
6	Nixon Rd should have a *Whole Foods,* *Red Lobster,* Gas Station, Hotel, Some Fast Food, Grocery Store, and at Least 1 Upscale *Restaurant Ruths Chris	5/1/2013 10:32 AM
7	great place to live!	5/1/2013 10:13 AM
8	Our taxes should not be raised because residents need these resources to go towards protecting our property. Code enforcement does nothing to support the residents and places the onus on the victim to defend their property: if someone puts a fence on your property the victim has to pay for being perpetrated against, when your neighbor sets off dynamite underneath pots in their backyard the victim has to pay fines for calling and complaining against the nuisance, property owners have to buy trees to block the view of industrial power equipment parked in their neighbors backyard which is a direct violation of the subdivision bylaws but the township does nothing about, construction waste is hauled in and burned in the backyard of a resident in the subdivision on a weekly basis and the township does nothing about it. My resources are finite and since the township does nothing to protect their residents from the ordinances they create, I believe raising taxes would not benefit us.	4/30/2013 5:24 PM
9	I would like to see more zoning compliance in the township and more follow through with that. Police should be a top priority I would like to see that in place and I would pay more in taxes for our own department. I would like to see an improvement in roads as well. Pubic water would be nice not just in the updated homes since some residents are polluting the wells in my area with gasoline from creating so many commercial fire burning practices. Its a worry for me and my neighbors. Thank you for asking for feedback. Also I would like to see more literature about safe burning laws in the township sent to residents.	4/30/2013 3:44 PM
10	Only makes sense to have easy access to mixed used area confined to a defined area vs. continued Grand River sprawl.	4/30/2013 1:18 PM
11	Ridiculous, useless, incredibly stupid survey Please tell me the tax payers are not paying for this waste of time. This survey makes me realize how incredibly inept local government really has become. I understand why you used survey "Monkey", the name certainly reflects our officials. Once upon a time in a place overrun with monkeys, a man appeared and announced to the villagers that he would buy monkeys for \$10 each. The villagers, seeing that there were many monkeys around, went out to the forest, and started catching them. The man bought thousands at \$10 and as supply started to diminish, they became harder to catch, so the villagers stopped their effort. The man then announced that he would now pay \$20 for each one. This renewed the efforts of the villagers and they started catching monkeys again. But soon the supply diminished even further and they were ever harder to catch, so people started going back to their farms and forgot about monkey catching. The man increased his price to \$25 each and the supply of monkeys became so sparse that it was an effort to even see a monkey, much less catch one. The man now announced that he would buy monkeys for \$50! However, since he had to go to the city on some business, his assistant would now buy on his behalf. While the man was away the assistant told the villagers. 'Look at all these monkeys in the big cage that the man has bought. I will sell them to you at \$35 each and when the man returns from the city, you can sell them to him for \$50 each.' The villagers rounded up all their savings and bought all the monkeys. They never saw the man nor his assistant again and once again there were monkeys everywhere. Thank you, I'm here all week!	4/30/2013 10:38 AM
12	[GENOA OFFICE, COMMENT FROM QUESTION 7, KEEP IT RURAL] Why so large? [CIRCLED: '5 acres" and "This area should not be planned for sanitary sewer or public water.']	4/30/2013 10:24 AM
13	I would most like to see an indoor "all-sports" type of facility with indoor basketball courts, walking/jogging track, indoor pool and tennis courts.	4/30/2013 9:56 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
14	Latson/Nixon Road will be the main thoroughfare for the County. It holds great promise fro job creation/development provided the area is planned for a mixture of Commercial; Research; Medical; Office; moderately dense housing.	4/29/2013 10:37 PM
15	More government cost money ! fire and police always want to set up more with no justifications, Development with a Purpose and a Payback to Geona Residents. Be vigilant of developers that want to make changes for their monetary gains and not the community.	4/29/2013 9:46 PM
16	*REPAIR THE ROADS! IT WOULD SERVE MORE RESIDENTS. STOP WASTING \$ ON BIKE PATHS, LIGHTING, SOCCER FIELDS, SIGNS. WE HAVE PUBLIC PARKS/SCHOOLS FOR THIS. STREET CLEANERS ARE WASTEFUL--MERELY STIRS UP THE DIRT ONLY TO FALL BACK WHERE IT WAS ON THE ROAD... LET IT FILL IN ALL THE POTHOLES? VOTING YOURSELVES RAISES WASN'T RIGHT EITHER.	4/29/2013 4:23 PM
17	No additional taxes for roads or schools!	4/29/2013 4:15 PM
18	NO MORE BOX STORES!	4/29/2013 3:47 PM
19	Scottsdale AZ is known as the "Most Liveable City", take a peek at their website. Parks, Aquatic Centers, 7 Dog Parks, 2 Off Lease. It would be nice to have and Aquatic Center, and an off lease dog park. Senior Center would be great.	4/29/2013 3:16 PM
20	When you say public water I was thinking for ourselves vs supporting for a new development. Would be nice to clean up the roads and interchanges. When youdevelop an area it would be nice to try to maintain a balance of landscape and development. Sign limitations. underground utilities. No removal of trees unless petitioned. Look at Hilton Head and see what they have done with devleopment and balanced it with the surroundings. Our area is a mis mass and looks terrible iwth the telephone poles, signs of all heights, complete clearing of all landscape to put up buildings etc. We need to take more ownership and demands from deveopers if they are coming to this area	4/29/2013 1:22 PM
21	The Township needs to approve privatizing the roads in Pine Creek Ridge community (PCR) to eliminate excessive volumes of cut-through traffic that has caused our residents multiple problems, the foremost of which is the severely comprised safety of our residents and their children. Gating PCR would eliminate cut-through traffic, thereby reducing traffic volumes, speeding, as well as reducing wear and tear on our roads. It would also reduce vandalism, loitering and instances of B & E's.	4/29/2013 1:08 PM
22	I love to shop--but I feel no need for more stores. Do we really need more subdivisions? I think the land should be left as is.	4/29/2013 12:14 PM
23	We moved to this area for the rural setting--changing that would change how we feel about raising a family here	4/29/2013 12:10 PM
24	Could you plan a blend of rural and mixed use?	4/29/2013 12:07 PM
25	This survey fails to include the inevitable consequence of increased traffic and the associated pressures this brings on infrastructure and its desireability to various business uses. Your open discussions are much more valuable to the process.	4/29/2013 10:12 AM
26	We need more local business for except all the big box stores on Gd. River.	4/29/2013 9:35 AM
27	Thanks you for putting this survey out there to us, it's great that you care about our input. Please use our response as framework for decisions you make.	4/29/2013 9:17 AM
28	I've lived here four years in a condo. I love living in Genoa Twp. Thanks to the Township Board for doing such a good job in handling my Twp.!	4/29/2013 9:00 AM
29	With so many unfinished residential subs in the area, we do not need to start another one. Either leave Latson interchange rural or develop it in a coordinated way that would bring jobs to the area.	4/29/2013 8:35 AM
30	Please finish the bike path along Brighton Road	4/29/2013 8:30 AM
31	[none]	4/26/2013 2:51 PM
32	Thank you for making this survey available.	4/26/2013 2:28 PM
33	[none]	4/26/2013 1:25 PM
34	[none]	4/26/2013 1:19 PM
35	[none]	4/26/2013 11:15 AM
36	We have been residents of Genoa Twp for 13 years. We moved here because of the rural setting.	4/26/2013 11:12 AM
37	[none]	4/26/2013 11:07 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
38	I think the grand river corridor could be better served before starting on Nixon Rd.	4/25/2013 7:47 PM
39	The staff at Genoa Township is amazing! Mrs. VanMarter is best employee you have ever had and she deserves a hefty raise and more help.	4/25/2013 3:07 PM
40	I feel I have good police, fire and emergency services at the present time. I feel comfortable with my well water and septic field. I would like better roads and more sidewalks/ bike paths. I would like to see a Senior Center like the one in Rochester, Michigan.	4/25/2013 10:58 AM
41	1. Run sewer and water down Nixon Rd. to save \$750,000 initially. And to move lines later. 2.No bike path, but make another lane for the increase in traffic at least to Crooked Lake Rd. Bike path is not needed at this time, at least until developed. 3. At the very least put in utilities befor path to save having to do it later and tearing it up. 4. Zoning needs to be changed on east and west sides of Nixon Road down to Crooked Lake Road. 5. Listen to those that will be affected most by the zoning and changes that are to be made. 6. We moved there to be in the country, and now an off ramp and the extra traffic at our door step will prevent the area from being country. Our land and animals will be adversely affected.	4/24/2013 6:24 PM
42	South Latson Road completes the long-awaited primary N/S "enterprise corridor" through Livingston County. It creates an economic development engine for Livingston County, as well as SE Michigan. This project means JOBS for Michigan. Do it. Do it right. Do it right the first time.	4/24/2013 5:21 PM
43	We do not need more residential housing. Commercial development would be good only if it will increase the townships tax revenue.	4/24/2013 4:48 PM
44	[none]	4/24/2013 3:03 PM
45	Need to keep area from becoming another Troy or Southfield congested with traffic.	4/24/2013 3:00 PM
46	Interchange Campus sounds like too much & too big. We are far enough away it would not impact us right away.	4/24/2013 2:55 PM
47	If businesses are coming in, then I don't want to pay any more taxes to pay for their sewer/water. Make them pay for it! Come on! I'm being squeezed enough by the 1%	4/24/2013 2:49 PM
48	go back 40 years and it would be perfect!	4/24/2013 2:39 PM
49	It is great to be inquired of and involved!!	4/24/2013 2:36 PM
50	[GENOA OFFICE - COMMENT FROM MAILING LABEL] Please let residents know to pay for postage & possibly provide envelope with next survey.	4/24/2013 2:08 PM
51	Brighton/Howell has enough hospitals, schools, retail, parks, subdivisions. Let's keep land simple & unspoiled, interchange only.	4/24/2013 2:02 PM
52	[none]	4/24/2013 1:56 PM
53	[none]	4/24/2013 1:52 PM
54	Township should join city of Howell/or Brighton or county sheriff to increase presence. Population too high and commercial base businesses should demand these services. Get off my wallet and spend dollars towards police protection.	4/24/2013 1:47 PM
55	Don't want area to look like Novi area on and off ramps. Too many cars and people!	4/24/2013 1:38 PM
56	[none]	4/24/2013 1:32 PM
57	You did not list police/safety in any scenario above which means you are looking forward w/out addressing a current pressing NEED. It takes 30-40 min to get a cruiser to the residents you already have; to increase that number is irresponsible.	4/24/2013 1:28 PM
58	[none]	4/24/2013 1:22 PM
59	[none]	4/24/2013 12:03 PM
60	[none]	4/24/2013 11:46 AM
61	[none]	4/24/2013 11:40 AM
62	[none]	4/24/2013 11:30 AM
63	[none]	4/24/2013 11:25 AM
64	[none]	4/24/2013 11:16 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
65	Crooked Lake needs to be paved to Chilson due to increased traffic flow at/from Three Fires and Rafferty's Havlers	4/24/2013 10:59 AM
66	Our concern is the increased traffic on Crooked Lake Rd. There should be a traffic light at Door & Crooked Lake Rd & some sort of stop signs at subdivision entrances to break up flow of traffic.	4/24/2013 10:51 AM
67	[none]	4/24/2013 10:44 AM
68	People moved out here to have a sense of open-space and country. It seems unfair to that ENTIRE SECTION of residents to suddenly have to live with and PAY FOR all the extra traffic, noise, pollution, and expansion of corporate wasteland. I believe we have already paved enough of paradise around here.	4/24/2013 10:41 AM
69	[none]	4/24/2013 10:34 AM
70	Cost for public water and sewer for additional development should be paid by developer not subsidized by taxpayers.	4/24/2013 10:31 AM
71	[none]	4/24/2013 10:23 AM
72	[none]	4/24/2013 10:21 AM
73	[none]	4/24/2013 10:18 AM
74	[none]	4/23/2013 2:47 PM
75	[none]	4/23/2013 2:45 PM
76	I'd like to see a new hospital here in Livingston County	4/23/2013 2:39 PM
77	[none]	4/23/2013 2:35 PM
78	Make sure you get Mike to pave Grand Oaks Dr	4/23/2013 2:35 PM
79	We have enough commercial. Alot of Empty Buildings.	4/23/2013 2:31 PM
80	Roads need much attention. Changes are in order in County Rd Dept. (Expertise and Priority) more attention to rural roads.	4/23/2013 2:23 PM
81	Keep rural -- animals in nature having a tough time as it is. There's enough buildings as it is! Recycle buildings instead of building more! [GENOA OFFICE QUESTION 6] No Pension. No extra income. Social Security payment a month 890.00 so any additional fees a burden!	4/23/2013 2:17 PM
82	There are so many bldgs (homes) that are vacant why the need to build more? Need better public relations to bring people/business in the area. The high school is an example of bad PR [GENOA OFFICE FROM QUESTION 6] Connect water system to the township -- one bond!	4/23/2013 2:11 PM
83	[none]	4/23/2013 2:04 PM
84	Don't want public to pay for sewer or water	4/23/2013 1:59 PM
85	[none]	4/23/2013 1:56 PM
86	[none]	4/23/2013 1:53 PM
87	[none]	4/23/2013 1:51 PM
88	My main concern would be the increased traffic on Latson Rd; specifically the corner of Astor Blvd. I hope that traffic lights are being planned for this area.	4/23/2013 1:43 PM
89	The area is already becoming too congested, and the open feeling of country life is being taken away.	4/23/2013 1:36 PM
90	I strongly believe we should not commercialize our rural living area!	4/23/2013 1:26 PM
91	In the day and age we are living in 5 acre country estates is not practical or logical for Genoa Twp. The interchange property's can be developed and also keep that rural character!. It would not have look like Grand River corridor. You cant force people to locate on existing vacant properties on Gr. River.They will locate some where else, out side Genoa Twp. Genoa doesn't have the best reputation for ease to work with.	4/23/2013 1:19 PM
92	[none]	4/23/2013 1:16 PM
93	[none]	4/23/2013 1:12 PM
94	[none]	4/23/2013 11:58 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
95	[none]	4/23/2013 11:49 AM
96	[none]	4/23/2013 11:46 AM
97	We need to encourage more job growth in the area!	4/23/2013 11:41 AM
98	This devlopment was way over due. We need to have additional paving of our dirt roads in Livingston Co. I'm willing to pay for this, but not for more sewers/water systems.	4/23/2013 11:40 AM
99	[none]	4/23/2013 11:37 AM
100	[none]	4/23/2013 11:33 AM
101	Would expect development, but hope for lightest-use option to retain rural feel south of I-96	4/23/2013 11:30 AM
102	Why move an elementary school from one exit to another?	4/23/2013 11:23 AM
103	[none]	4/23/2013 11:12 AM
104	[none]	4/23/2013 11:07 AM
105	Let's leave Nixon Road "rural." We have adequate medical facilities at Woodland St. Joe. Grand River has business.	4/23/2013 11:03 AM
106	[none]	4/23/2013 11:00 AM
107	[none]	4/23/2013 10:57 AM
108	campus designation works well	4/23/2013 10:41 AM
109	We have enough Subdivisions in the area that are not fully utilized, also we do not invite corporate pollution of any kind.	4/23/2013 10:39 AM
110	[none]	4/23/2013 10:34 AM
111	[none]	4/23/2013 10:29 AM
112	One of the things that drew us to this area was the small town feel of downtown Brighton to our east and the rural open space to our west. Our families and workplaces are 20-30 miles east of here and we specifically do not like how that area has turned into a "concrete jungle" with a lot traffic congestion. We strongly support increased police, fire, and EMS, as these are safety and quality of life issues. We feel that retail, medical offices and other commercial buildings are already completely adequate in this area. There aren't any establishments that we feel we are missing. Building more commercial or residential space will only increase congestion and change the small town feel of our community.	4/22/2013 9:54 PM
113	The interchange is a good idea. I strongly oppose any further development of any area south of the interchange. I have been a long time resident and chose this area precisely because of the rural surroundings and close proximity to Howell for shopping. Any development south of the interchange will adversely affect the quality of life for all of us that bought because of the rural atmosphere. Value is not the object, quality of life is the only reason for our choice of residence. NO FURTHER DEVELOPMENT.	4/22/2013 6:41 PM
114	This would be an ideal time to capitalize on the business/tax base expansion at the new I-96 exit. There are plenty of existing subdivisions/land zoned residential that could support any influx of people moving to the area. Just look up Latson Road at the unfinished subs, for example. Use the easy on/off for commercial enterprises.	4/22/2013 3:34 PM
115	We support interchange campus because we feel it would keep the development confined to the area nearby the exit and not extend into the surrounding area south of the railroad tracks.	4/22/2013 3:21 PM
116	We do NOT want to pay more in taxes, especially for things we do NOT want! We moved out here over twenty years ago to live in a quiet, rural, community.	4/22/2013 2:39 PM
117	Livingston county and more specifically Howell has always been rural and agricultural. Those of us who have grown up in the area would like to keep it that way and those who have moved to the area did so to get away from all the development, and to get a taste of country living. The area should remain rural, farmers feed America; not subdivisions or commercial buildings.	4/22/2013 11:29 AM
118	spend time to make a decision that will last a life time	4/22/2013 9:30 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
119	Hasn't the interchange changed the face of this land enough? The greed of revenue and tax base should not be the deciding factor. What about the taxpayers that have lived here all these years and have paid taxes and wanted to live in a rural area. Keep it rural. It doesn't have to be developed on the Nixon Road side. What a shame for all the residents around here. Disgusting.	4/21/2013 7:57 PM
120	Thanks for putting the survey together and invite our input.	4/21/2013 5:55 PM
121	New areas should be pedestrian/bicycle friendly.	4/21/2013 5:18 PM
122	FYI - Own mobile home, rent lot in Sylvan Glen. Some of the roads are the pits like Grand Oaks. Grand River has many potholes and if not fixed now will require entire rebuild of the road. If the area south of Latson is just for residential, it will not provide the jobs needed in this area. Sidewalks are important because it is hard to ride a bicycle down Grand River. It is soooooo dangerous because of the traffic and the condition of the road. I would also say that while there is the LETS bus...that is so impracticable. I was shocked and surprised to move here and find that there isn't even a regular bus that runs between Howell and Brighton on Grand River. It is very hard on seniors and workers. If you can't just go out and buy a car or if your car breaks down, you are screwed. Taxi service is expensive and almost non-existent around here. It is also impossible to rent a car on a weekend and this area needs to be integrated with the rest of the areas around it. At least in Ann Arbor there is a bus system that goes between Ann Arbor and Ypsilanti on the main roads. It is so very great that you are asking about the development of the area now. It is important to maintain farmland, attract new business and people to live and spend in the area and create jobs. I now drive to Ann Arbor with a whole lot of other people down 96 & 23. I can't get a job like the one I have there around here. I have lived here a little over one year and am learning more about the area every day. I like it and appreciate many things about the area. I've seen a lot of area that are not managed and this area seems to look forward and not forget the past to avoid big mistakes. I understand the Latson interchange has been in the works for a long time and it is great that it is finally happening and agree that we should make the best of this spectacular opportunity. It could be another thirty years or so before something this important to the development of the area comes around. Thanks for listening!	4/21/2013 12:59 PM
123	At the present time, I like the rural aspect of the Latson Road corridor. However, based on the construction that is going on at the present time; the road will, no doubt, become more traveled and substantially affect those residents who presently live in the area.	4/21/2013 12:03 PM
124	I am concerned over increased traffic on Grand River. it is already very difficult to turn left out of Natanna Dr (by Home Depot) at certain times of the day. Also a deceleration zone would be helpful for turning into Natanna Dr from the East as many cars are not prepared for people turning down Natanna. The timing of lights along Grand River should be looked at to improve traffic flow as well.	4/20/2013 11:13 AM
125	Appreciate the opportunity to comment. Excellent use of technology to include citizen participation in government.	4/20/2013 10:08 AM
126	Please, please, pave Crooked Lake Road!!	4/19/2013 8:38 PM
127	I think the area south of 96 and Latson should be keep the way it is, since North of the enter change is already all build up and provides most of the necessary items people would go searching for.	4/19/2013 8:27 PM
128	[none]	4/19/2013 3:33 PM
129	[none]	4/19/2013 3:29 PM
130	[none]	4/19/2013 3:21 PM
131	I hope the concerns of average citizens are truly valued and considered. There are a number of wealthy landowners with way too much influence in the township!	4/19/2013 3:19 PM
132	[none]	4/19/2013 3:18 PM
133	Having moved here from Royal Oak 24 years ago, we've seen a lot of changes. Please don't let this beautiful township change too drastically. Keep businesses all in one area.	4/19/2013 3:11 PM
134	People moved here cause the area is rural. What's the sense of moving the city here. We've sacrificed to be here. [GENOA OFFICE comment from question No. 6 regarding senior center: We have one.]	4/19/2013 3:06 PM
135	[none]	4/19/2013 3:00 PM
136	[none]	4/19/2013 2:56 PM
137	[none]	4/19/2013 2:52 PM
138	[none]	4/19/2013 2:47 PM
139	[none]	4/19/2013 2:42 PM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
140	Latson, north of Grand River to Golf Drive, needs a center turn lane for everyone driving on this stretch of road.	4/19/2013 2:32 PM
141	*Township (government) should not be involved. [GENOA OFFICE: using asterisk to refer to question 8]	4/19/2013 2:12 PM
142	We moved here to get away from over development and eventual empty office and commercial bldgs!!	4/19/2013 2:07 PM
143	Since the 80's the so-called leaders (temporary elected people) have seemed determined to ruin this area. Like Obama -- they never give up.	4/19/2013 2:02 PM
144	[none]	4/19/2013 1:50 PM
145	[none]	4/19/2013 1:46 PM
146	[none]	4/19/2013 1:44 PM
147	Very important to consider a traffic light at the intersection of Latson & Hampton Ridge Which is adjacent to the Majer Drive way need only operate when Hampton ave or meijer traffic is on hand Do not need it at later hours Thank you	4/19/2013 12:10 PM
148	[none]	4/19/2013 11:54 AM
149	If we wanted to live in Oakland County, we'd move there.	4/19/2013 11:26 AM
150	All of these Items are Important. Of all the Roads, Walking/Bike paths are paramount.	4/19/2013 11:22 AM
151	I would prefer to keep the entire area a quiet, rural living atmosphere.	4/19/2013 11:15 AM
152	[none]	4/19/2013 11:11 AM
153	[none]	4/19/2013 11:05 AM
154	Why are you going thru the motions of this survey when the interchange was put in to foster development? The plans are already made!	4/19/2013 11:05 AM
155	We are opposed as the cost of water & sanitary sewers is more than the value of the land. We cannot afford this added expense. [OFFICE: 53 year residents; two parcels 1. 2.15 acres 2. 17.5 acres]	4/19/2013 11:02 AM
156	After years of promises, some of our homeowners still don't have cell phone connectivity. It is important for safety & security. We also need high-speed internet connections.	4/19/2013 10:45 AM
157	Good work Genoa Township!	4/19/2013 10:38 AM
158	[none]	4/19/2013 10:32 AM
159	[none]	4/19/2013 10:27 AM
160	more connecting pathways and bike paths and sidewalks! Amenities for active seniors.	4/19/2013 10:19 AM
161	Keep it rural, for sure.	4/19/2013 10:15 AM
162	[none]	4/19/2013 9:55 AM
163	[none]	4/19/2013 9:51 AM
164	The Brighton/Howell area is already over-developed. too many empty buildings -- looks trashy. We need to strictly limit development to make the area more desirable. No new development until less than 5% empty buildings!	4/19/2013 9:43 AM
165	The land should be left for farming	4/18/2013 8:30 PM
166	Livingston's [sic] County primary need is a new hospital! A community college is second. Both facilities compliment each other.	4/18/2013 4:45 PM
167	The Nixon road area is not longer rural once the bridge goes in, the trees were all cut down and the high traffic volumes starts. Given that setting and the fact that west of Nixon is a large tract of available land, a large mixed use developmnet is in the best interset of the Genoa Twp residents.	4/18/2013 2:52 PM
168	Enjoy living in this area, but hate Herbst Rd. I've lived here since 1970 and not one thing done to improve it. Just a little grading. SAD.	4/18/2013 2:06 PM
169	Please don't turn this area into another Novi/Wixom/South Lyon. We left there for a reason!	4/18/2013 2:02 PM
170	I would support most concepts/land uses provided my taxes did not increase and the property provided an economic boost to the township	4/18/2013 12:43 PM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
171	I moved out here because of the rural area. I could move to Novi if I wanted growth--	4/18/2013 12:02 PM
172	My concern is trying to enter Latson Rd from Aster Blvd. The traffic on Latson Rd has increased over the years. At times it is nearly impossible to enter Latson.	4/18/2013 11:37 AM
173	Nixon rd is no longer a country setting since all the trees were taken down . It would be good for us that live out in the "country" to have thing closer	4/18/2013 10:34 AM
174	We don't want to see Genoa Twp. become a City of Genoa. These things are all found in a CITY, not here. Change is upon us and we would like to see an interchange campus and not houses. The [SIC] doesn't benefit us. We feel that the facilities [found in an interchange campus] would bear the brunt of the costs of water and sewer and would not burden the homeowners.	4/18/2013 10:11 AM
175	Plz Leave Commercial North of I-96 AS IS NOW!	4/18/2013 9:59 AM
176	Moved here for the rural atmosphere. Retail and industrial development has exceeded need. NO MORE DEVELOPMENT. NO MORE BIKE PATHS OR TOWNSHIP PARKS. Genoa township was never a town or village. Do not try to make it what it never was! LEAVE IT RURAL	4/18/2013 9:37 AM
177	I moved to Genoa Twp because I was close to a lot of outdoor recreation and wide open spaces.	4/18/2013 9:20 AM
178	I would like to see commercial use concentrated near the highway with the southern portion of Nixon remaining residential use. Really wish we had good bike path system in the area. Roads are so busy with high speed limits....it is too dangerous to ride very far.	4/18/2013 7:00 AM
179	We would really like to see all of Crooked Lake paved from Dorr to Chilson Road.	4/17/2013 10:01 PM
180	I live in Genoa township because of the open space, nearby parks and rural atmosphere. I would live in Novi if I wanted more development. Livingston County already has, or is within close proximity, to all the shopping and services we would ever need. We live on a unique dividing line here. Drive East on I-96 and it gets more developed. Drive West and it opens up to rural farmland. Let's stay balanced between the two.	4/17/2013 9:14 PM
181	The rural character is gone with the new interchange so trying to preserve a rural atmosphere on Nixon Road is unrealistic. Plan it well and develop it wisely to match what it will be...a well traveled road with 17,000 cars a day heading on and off I 96. There are many, many sections that are truly rural in Genoa Township that you can show off. The Nixon Rd. section is not one of them with the new interchange!	4/17/2013 8:47 PM
182	The area is no longer rural and will never be again.	4/17/2013 8:05 PM
183	Nothing to bring more traffic!!	4/17/2013 12:26 PM
184	What is future possibility of paving Crooked Lake Rd. - as traffic is likely to further increase after the new interchange is opened?	4/17/2013 12:26 PM
185	We need more industrial jobs. No paper pusher jobs.	4/17/2013 12:11 PM
186	If you keep allowing business to come in to rural areas, there will be no small town left. Keep the city life away from us.	4/17/2013 12:07 PM
187	No development south of the rail road.	4/17/2013 12:05 PM
188	I don't support industrial development in the Latson Road interchange. Also, require public water and sanitary sewer paid for by the developer - Yes. We have too many empty buildings that need to be developed before allowing any additional over building to our area and this includes the non needed Latson Interchange!	4/16/2013 3:28 PM
189	Please pave Crooked Lake Road (to Chilson) and Nixon (to Chilson). Thanks.	4/16/2013 3:17 PM
190	I like the interchange campus zoning.	4/16/2013 3:06 PM
191	Residential development in Latson Road area could occur with no public water or sanitary sewer needed.	4/16/2013 1:53 PM
192	We don't want the relaxed feel of Genoa changed by busy businesses or road traffic. Otherwise, we would have moved to Novi, Canton, etc.	4/16/2013 1:46 PM
193	If the intent is to develop this area to the same level from where we came from, there is no reason to move here. We wasted our money?	4/16/2013 12:16 PM
194	Thank you for allowing input from the township community.	4/16/2013 8:41 AM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
195	I oppose development options that require higher tax burdens on residents. Should an area be developed and require water and sewer services, then let the businesses, corporate, complex or residential developers pay the cost of providing those services. I oppose anything that would add another strip mall or large box store at the interchange. Prefer leaving it rural. Do not oppose a hospital or university affiliated educational facility.	4/16/2013 8:15 AM
196	Please pave Crooked Lake Road from Chilson Road east to the North Shore subdivision. It's time.	4/15/2013 9:57 PM
197	My only concern is that the south end of Latson road will look like the North end does with Condos and houses on top of houses. Many of the subdivisions that have been constructed have many vacant homes and have started to look like a blight in the area. I would rather have a business near my home verses a lot of residential lots crammed into a small space.	4/15/2013 9:47 PM
198	Keep it simple- keep it rural.	4/15/2013 9:37 PM
199	Chose Genoa to enjoy rural, small town atmosphere. If we wanted to move to Novi, we wouldn't live in Genoa.	4/15/2013 9:33 PM
200	I moved to Genoa Township for its close proximity to Brighton and the amenities available here. I find it funny that many residents claim to support new development, but just NIMBY (not in my backyard). I find it hard to believe that Livingston County has perhaps the highest median household income in the state, yet we don't have much in the way of dining and nightlife (with the exception of downtown Brighton). In my opinion, if residents want a rural atmosphere, they can move to any of the surrounding townships... Livingston County has plenty of foreclosed homes in rural areas that are calling their names... I look forward to seeing what new developments happen as a result of the interchange. It's my hope that the Board of Trustees will focus on the feedback received from young residents and families, who are the future of the township, rather than those who might not be around much longer. I appreciate you seeking feedback through this survey.	4/15/2013 9:05 PM
201	Glad the interchange will be done!	4/15/2013 8:43 PM
202	Keep Genoa Township rural.	4/15/2013 8:00 PM
203	Is Crooked Lake going to be completely paved between Dorr Rd and Chilson? The fact that the elementary school is on a dirt road is making me reconsider sending my children to Howell schools.	4/15/2013 4:46 PM
204	Finish paving Crooked Lake Road to the west.	4/15/2013 2:53 PM
205	I would fully support a bond or assessment for the paving of Crooked Lake to the intersection of Latson and Crooked Lake.	4/15/2013 2:47 PM
206	Mike Archinal could be the coolest guy I have ever met.	4/15/2013 2:13 PM
207	Would be nice if existing funding could support bike paths. Gas stations at the new interchange make sense to me. WOULD LOVE TO SEE A COMMUNITY COLLEGE!!!!!!! Please pave Crooked Lake. Not sure if there are plans already for this or not... Can you mention in your newsletter? If crime is expected to increase, please increase police presence. Thanks for offering us a survey.	4/15/2013 2:06 PM
208	Keep the area south of the Latson Rd Interchange rural. I moved to Livingston county for the rural setting. Keep the commerical development on Grand River	4/15/2013 1:35 PM
209	keep the area south of 96 on Nixon rd. rural. the twp is already starting to lose the small town feel. if the residents wanted to live in a big city, that's where they would move to.	4/15/2013 12:44 PM
210	I think that the Latson Road Interchange is a waste of tax payers money. The money that was used should have been used to fix/maintain roads that are already established. I am very disappointed that this is how government decided to spend this particular money. I just hope that this new interchange is used enough to justify the cost.	4/15/2013 10:07 AM
211	Mentioning possible 'universities' in the previous question; do you realize that Livingston County residents must pay out of area tuition to community colleges? Genoa could lead the way by bringing in and supporting a community college.	4/15/2013 9:48 AM
212	Have been waiting on the Latson Road Interchange since purchasing the property in 1947. Glad to see it happen! How much money did we spend on the Genoa Park sign?	4/15/2013 8:38 AM
213	I am not concerned about the actual development of this corridor, however, I don't want my taxes to suplement bringing in utilites, the developer should be responsible for that.	4/15/2013 8:12 AM
214	This whole survey is to warm us up to tax increases to support development of the Latson Road area. All added fees for development of this area should be paid by the developers of the area; NOT the general population. Think about tax REDUCTIONS, not increases!!	4/14/2013 9:16 PM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
215	I appreciate that township leaders are providing this survey.	4/14/2013 9:02 PM
216	Many of the roads in Livingston County need to be repaved. Well used dirt roads need to be paved. Money would have been much better spent taking care of what we have vs. building the new Latson Road interchange. Vehemently oppose anyone being forced to pay for municipal water/sewer that does not need it (i.e. those of us who have perfectly working well/septic systems that we have already paid for).	4/14/2013 8:50 PM
217	Please consider helping current residents get basic services like cable, internet, safe roads, etc... before looking to expand our infrastructure.	4/14/2013 6:57 PM
218	Gas stations near the expressway entrance would be nice. It may help with the gas prices at Brighton Grand River exit since they are typically 15 cents higher than other places. Competition could help keep prices more manageable at both Latson rd., and Grand River, in theory.	4/14/2013 5:21 PM
219	Will the results of this survey be available to residents?	4/14/2013 5:05 PM
220	I would like to see a senior/recreational facility similar to what the communities of Dearborn,Canton, Livonia and West Bloomfield,to name a few, have developed. It could be in conjunction with other areas of Brighton.	4/14/2013 3:17 PM
221	I support developing the area but we do not need any more strip malls.	4/14/2013 3:06 PM
222	I support mixed use if developer would pay for public water and sanitary sewers.	4/14/2013 2:58 PM
223	I live in latson road, aster blvd.Does genoa township have plans to build a wall in latson to reduce the noise.i can't even open my window on summer due to the noise of cars and I expect the traffic to dramatically increase with this latson expansion.i'm afraid a car will end up in my back yard with no walls.I see that a wall was build in M-59 not far from grand river intersection to protect the houses. Why can't we have a wall like this in latson at least between grand river to M 59.accidents has also increase in this road.i have difficulty getting out of subdivision due to increase traffic.Can the township pls take a look at this.We move in this township because we want to live in a small quiet rural community.	4/14/2013 2:57 PM
224	I do not support strictly commercial development at the Latson rd. interchange. If I had wanted to live in Novi, I would have moved there.	4/14/2013 1:32 PM
225	Gravel Roads are a disgrace to the township, especially Conrad Rd and Challis Rd.	4/14/2013 1:25 PM
226	Hopefully the township board will preserve the area and not be at advocates for developers.	4/14/2013 12:07 PM
227	As part of this project Crooked Lk. Rd. should be paved. Especially with Three Fire School with all of its activities taking place.	4/14/2013 11:30 AM
228	I think there is enough commercial development all ready on the north side of the interchange.	4/14/2013 10:45 AM
229	The roads in Brighton (Challis/Conrad) are in very poor condition. Running and biking paths should be incorporated. Instead of adding new roads, etc. our current or existing road structure system should be brought up to safe standards.	4/14/2013 10:25 AM
230	I support the idea of using this area to improve economic development as well as cultural activities. There are plenty of residential areas and creating more sub-developments would not be the best use of this land. Genoa residents deserve to have relevant businesses, markets, and cultural areas similar to nearby towns like Brighton.	4/14/2013 9:14 AM
231	As a resident living on Chilson Road I do not look forward to increased traffic that commercial and or increased residential development will bring.	4/14/2013 8:04 AM
232	I would like to see Crooked Lake road paved -- as I see Nixon becoming a very highly traveled road once the interchange is completed. I would like very much to see sidewalks on Nixon all the way to the school and eventually to the shopping district.	4/13/2013 10:51 PM
233	Genoa needs more police protection. My neighborhood has a drug, alcohol, and vandalism problem. Copperleaf Development.	4/13/2013 8:34 PM
234	The Township needs fresh start in terms of elected officials at the top. It is clear to most, whether they vote that way or not, that same old, and fiascos like the bldg dept applications, indicate serious errors in judgment and a near complete "inside, out" view of the world.	4/13/2013 7:04 PM
235	I would have liked to rank the last set of questions - while I would like to see rural feel maintained, I might be able to live with residential and/or campus approach - i most definitely do NOT want a commercial corridor!	4/13/2013 5:21 PM

Future Land Use Survey: Latson Road Interchange

#	Responses	Date
236	We need some identify to GENOA ie: exit signs on I-96, names on developments like Green Oak, names of industrial parks, etc.	4/13/2013 4:43 PM
237	Developers should pay for water, sewer & road improvements or area left as agricultural zoned property.	4/13/2013 4:36 PM
238	People moved out to these areas for the privacy. As it is, It will be an adjustment to deal with the extra traffic from the expressway. Adding shopping centers and commercial or industrial centers will bring added outsiders. Crime, traffic related accidents, and added cost for living will be additional to what some called a peaceful area. We are considering relocating to a different area if these changes are not in the best interest of the people who already have made this rural area there home. We like the Independence from municipal services, lack of crime, and nature.	4/13/2013 4:29 PM
239	Any tax increase to develop the Latson/Nixon Road area should be COMPLETELY paid by the occupants of this property. No general tax increase to benefit the few who will occupy this area!	4/13/2013 3:27 PM
240	Commercial users should pay for sewer and water installation. Traffic will be to great for safe residential use.	4/13/2013 2:54 PM
241	First time I ever recall a survey like made available to ther residence, very good; do it more often concerning township matters..	4/13/2013 2:52 PM
242	Livingston County is a great location for more Industrial or Medical, with the Airport expansion now being constructed, but we MUST provide more comprensive Police Protection to grow our Township. Our easy access to Expressways make us very easy prey without rapid police response!!! The City of Howell does this the best and are very visable; with a rapid response time.	4/13/2013 2:27 PM
243	Now with the new Three Fires School - paving Crooked Lake Rd. would be wonderful. The school buses keep the road in bad shape.	4/13/2013 1:21 PM
244	Am a licensed PE with extensive experience in economic development, land planning, and environmental preservation.	4/13/2013 10:39 AM
245	I would oppose any attempt to force me to pay for public water/sewer systems. Were this to happen, I would need to reconsider remaining in this area.	4/12/2013 6:57 PM

MEMORANDUM

TO: Township Board

FROM: Michael Archinal 

DATE: 5/2/2013

RE: Engineering Services Proposal
Road Improvement Master Plan

In February we discussed the condition of Township roads and the possibility of placing an item on an upcoming ballot proposal. Green Oak Township recently had a successful ballot proposal for a street bond issue. They were successful because they were able to clearly identify which projects would be completed if the voters approved the bond issue. I was directed to compile cost estimates for several different projects.

Before you this evening is a proposal from Hubbell, Roth & Clark for a road improvement master plan. HRC has been working with the City of Wixom on a very similar aggressive and successful road improvement program. The proposal identifies nine specific projects that will be completed if a bond issue is successful. The HRC proposal contains four tasks:

1. Review and Compile Existing Information
2. Analyze Data and Develop Options
3. Prepare a Summary Report
4. Presentation to the Township Board.

The summary report will prioritize projects, recommend types of improvements and provide conceptual project costs. The proposal anticipates 290 to 330 hours of effort at a cost of \$33,000.

Please consider the following action:

Moved by _____, supported by _____, to approve a Road Improvement Master Plan proposal from Hubbell, Roth & Clark at a cost of \$33,000.



HUBBELL, ROTH & CLARK, INC
Consulting Engineers

Principals
George E. Hubbell
Thomas E. Biehl
Walter H. Alix
Peter T. Roth
Michael D. Waring
Keith D. McCormack
Nancy M.D. Faught
Daniel W. Mitchell

Senior Associates
Gary J. Tressel
Kenneth A. Meichlor
Randal L. Ford
Timothy H. Sullivan

Associates
Jonathan E. Booth
Michael C. MacDonald
Marvin A. Olane
William R. Davis
Jesse B. VanDeCreek
Robert F. DeFrain
Marshall J. Grazioli
Thomas D. LaCross
Dennis J. Benoit
James F. Burton
Jane M. Graham
Donna M. Martin
Charles E. Hart

April 23, 2013

Genoa Township
2911 Dorr Road
Brighton, MI 48116

Attn: Mr. Michael Archinal, Township Manager

Re: Engineering Services Proposal
Road Improvement Master Plan
Genoa Township

HRC Job No. 20130237.86

Dear Mr. Archinal:

The Genoa Township Board has expressed interest in improving a select group of roads within the Township. It is intended to put the funding of these road improvements on a 2014 ballot for voters to determine if they support paying for the improvements through a bond issue.

The Township has asked Hubbell, Roth & Clark (HRC) for assistance with this assignment by preparing a Road Improvement Master Plan. A Master Plan is a critical first step when creating a road improvement program. The Master Plan provides a summary analysis of the existing roadway conditions, proposed scope of improvements and estimated costs. The Road Master Plan will allow the Township to prioritize and budget improvements based on the anticipated annual funding levels.

HRC has identified the following tasks required to prepare a comprehensive Road Improvement Master Plan. They are:

1. Review & Compile Existing Information

The major roads throughout Genoa Township are under the jurisdiction of the Livingston County Road Commission (LCRC). HRC has obtained a copy of the LCRC's 2011 PASER ratings for the Township to establish a baseline condition of the roadways. Based on our previous meeting and field visit of the nine (9) locations most likely to be improved, it appears that a majority of the roads are gravel surfaced, which is not included on the County's rating map.

Improving the road surfaces from gravel to hot mixed asphalt (HMA) may reduce the amount of "cut-thru" traffic along the private roads of the adjacent subdivisions. Typically these

Y:\201302\20130237\06_Corrs\Proposal\2013 04 23 Genoa Twp Road Master Plan Proposal.docx

105 W. Grand River
Howell, Michigan 48843
Telephone 517 552 9199 Fax 517 552 6099
www.hrc-engr.com

Engineering. Environment. Excellence.



subdivision roads are not intended to experience a high volume of vehicles which causes them to deteriorate faster and accelerate the required maintenance and/or replacement.

Based on our initial discussion with Township Staff, the locations, limits and anticipated road improvements that the Master Plan will study are shown on the attached map. A description of each location and the preliminary scope of improvements are shown below:

- a. Crooked Lake Road – Chilson Road to the east of Spring Hill Road – This existing two lane gravel road will be paved with open ditch drainage.
- b. Beck Road – Chilson Road to the east of the I-96 Interchange Improvements – The existing two lane gravel road will be paved with a small section of curb towards the west end, and open ditch drainage towards the east. This will include an at-grade crossing of the rail road tracks. Minimal drainage improvements are expected in the area of the current Latson Road Interchange Project.
- c. Cunningham Lake Road – Sundance Trail/Stonegate Drive to Bauer Road (incl. Bauer Road north to River Ridge Drive) – This existing two lane gravel road will be paved with open ditch drainage. A considerable amount of tree removal, grading and wetland protection will be required.
- d. Conrad Road/Challis Road – Clifford Road to Dorr Road – This existing two lane gravel road will be paved with curb along Challis Road and open ditch drainage along Conrad Road. A considerable amount of tree removal, grading and wetland protection will be required. It is our understanding the plans and a construction cost estimate have already been completed for this section of roadway.
- e. Challis Road/Bauer Road Roundabout - It is our understanding the LCRC already has plans and a construction cost estimate for a proposed roundabout at this location.
- f. Herbst Road – Acre Hill to Grand River Ave – This existing two lane gravel road will be paved with open ditch drainage.
- g. Latson Road – Grand River Ave to Golf Club Road – This existing paved section of roadway varies in width from two lanes to four lanes. There are several acceleration, deceleration and passing lanes into subdivisions along this section of Latson Road. Most likely this roadway will be repaved with a uniform three lanes (center turn lane) near the subdivisions and transition to a two lane paved road towards the north. The traffic signal at Golf Club Road will be improved.
- h. Hughes Road – Grand River Ave to Golf Club Road – The existing pavement on the southern section (Grand River Ave to Cherokee Bend) will be removed and replaced. The existing pavement (Cherokee Bend to Golf Club Road) will be crushed and shaped.



- i. Bauer Road – South Township limits to Cunningham Lake Road – This existing two lane gravel road will be paved with limited curb and gutter and a majority of open ditch drainage. The improvement for this section of roadway will need to be coordinated with improvements to Bauer Road in Hamburg Township.

2. *Analyze Data & Develop Options*

From the data collected in Task 1, HRC personnel will develop options for prioritizing the desired road improvements. Conceptual cost estimates will also be prepared to help ensure that the proposed annual improvements coincide with the anticipated funding levels.

The proposed road improvements will be coordinated with possible sanitary sewer and water main extensions that are outlined in Marion, Howell, Oceola & Genoa Water & Sewer Authority's Capital Improvement Plans, or safety path improvements as identified in the Township Master Plan.

3. *Prepare a Summary Report*

The information prepared in the previous tasks will be compiled into a final report. This report will provide a priority list of locations, types of recommended improvements and conceptual project costs. HRC will provide the Township with two (2) hard copies and an electronic pdf version of the report.

4. *Presentation to the Township Board*

HRC will attend one (1) Township Board Meeting to present the contents of the Road Improvement Master Plan and discuss its findings with the Board. This task will include preparing poster board exhibits and handouts for discussion. HRC will also consult with Township Staff in preparation for this meeting.

HRC estimates the following range of hours will be required for each task:

Review & Compile Existing Information	30 to 40 hours
Analyze Data & Develop Options	180 to 190 hours
Prepare a Summary Report	60 to 70 hours
Attend Township Board Meeting	<u>20 to 30 hours</u>
Total	290 to 330 hours

Based on the estimates above, this office recommends the Township budget approximately \$33,000 for the preparation of the Road Improvement Master Plan. HRC will invoice the Township on an hourly basis up to this limit in accordance with the attached hourly rate schedule.



HRC stands ready to commence work on this assignment as soon as authorized. We anticipate it will take 2 to 3 months to complete a draft report for the review by the Township after we are authorized to start work.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

A handwritten signature in black ink, appearing to read "Jonathan Booth", written over a faint, dotted grid background.

Jonathan Booth, P.E.

MPD/mpd

Attachment

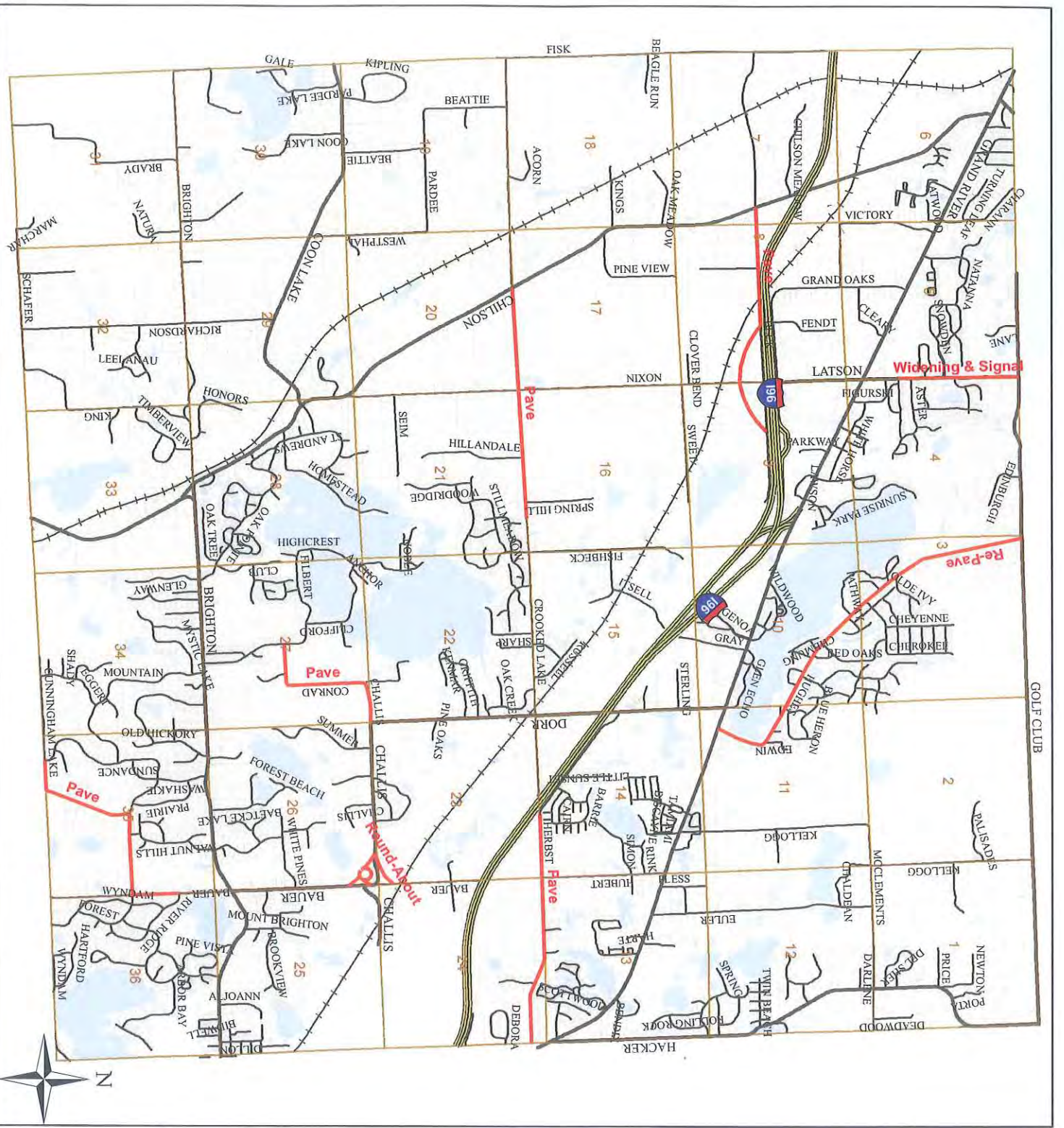
pc: Genoa Twp; K. Poppy
HRC; N. Faught, M. Darga, File

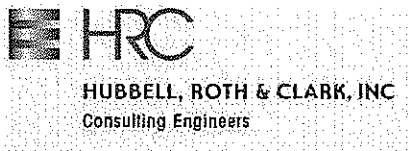


Bond Issue Election

Legend

- Planned Rd Construction
- Sections
- Interstate
- Major Rd
- Minor Rd
- Railroad
- Lakes
- Parcels





2013 Hourly Rate Schedule Genoa Township

Classification	Billable Rates
Principal	\$150 - \$150
Senior Associate / Managing Engineer	135 - 148
Associate / Managing Engineer	110 - 142
Department Manager	105 - 135
Senior Project Manager	105 - 135
Project Engineer / Architect	85 - 109
Staff Engineer / Architect	60 - 94
Graduate Engineer / Architect I & II	56 - 90
Transportation Specialist	75 - 118
Right-of-Way Specialist	75 - 112
Environmental Analyst	59 - 85
GIS Specialist	80 - 120
CAD Designer	70 - 103
Senior CAD Technician	55 - 91
CAD Technician I & II	45 - 59
Survey Office Supervisor	90 - 104
Survey Office Technician	60 - 81
Surveyor	65 - 98
Survey – Party Chief	75 - 95
Survey – Instrument Person	55 - 69
Survey – Survey Assistant	45 - 50
Construction Observation Supervisor	80 - 93
Senior Construction Observer	65 - 90
Construction Observer I & II	49 - 65
Construction Engineer	69 - 120
Senior Testing Technician	60 - 80
Testing Technician	49 - 75
Administrative Support*	32 - 93

Wage rates shown above are for 2013. Billable rates for HRC include: unemployment taxes, payroll taxes, contributions for Social Security, retirement benefits, medical/life insurance benefits, normal printing cost, telephones, fax, computer time, mileage, other overhead costs and profit.

*This category includes computer, reproduction and word processing staff.





May 6, 2013

Dear Mountain/Mystic/Milroy Area Homeowner,

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

Last year the Township was approached by a group of residents in your neighborhood regarding the condition of the roads in the Mountain/Mystic/Milroy area. A Special Assessment District was proposed for a road improvement project. Petitions were circulated and informational meetings were held. At that time the project was not clearly defined and neighborhood support was tepid.

In February of this year the Genoa Township Board approved a proposal from a civil engineering firm to develop cost estimates and construction drawings for a road reconstruction project. The conceptual cost estimates are complete. The next phase is to proceed with construction drawings. Before that can happen the scope of the repair must be determined. The purpose of this correspondence is to solicit your input regarding the type of repair you prefer or if a project should proceed at all.

Cost estimates were developed for three different options and are presented in greater detail in the enclosed April 8, 2013 letter. Two of the options are considered viable:

Option 1 – Crush and shape the existing roadway material and finish with a new 4-inch hot mix asphalt surface throughout the entire project. Estimated cost:
\$1,507,087.50

Option 2 – Not viable

Option 3 – Crush and shape Sundance Trail and finish with a new 4-inch hot mix asphalt surface. Mill all other streets to a 2-inch depth and complete base repair to those areas showing deeper distress as needed. Finish with a 2-inch hot mix asphalt surface. Estimated cost: \$1,046,555.00

A mill and resurface fix as described in Option 3 is anticipated to show reflective cracking within two years of installation. Also the service life of the pavement is anticipated to be significantly less than a crush and reshape option (approximately 10 years). For many years the Township has funded a crack sealing program. Crack sealing can help mitigate the effects of thermal and reflective cracking.

If a project proceeds, the costs will be distributed among the 145 benefitting property owners less a contribution from the Township. The Township Board has established a policy whereby it may contribute 25% of the costs of a subdivision road reconstruction or \$1,000 per home whichever is less. In this case the contribution would be \$145,000.

SUPERVISOR
Gary T. McCririe

CLERK
Paulette A. Skalarus

TREASURER
Robin L. Hunt

TRUSTEES
H. James Mortensen
Jeon W. Ledford
Todd W. Smith
Linda Rowell

MANAGER
Michael C. Archinal

The Board has required that 66% of benefitting property owners sign petitions before they will participate.

	COST ESTIMATE	TWP. CONTR.	NET COST	YEARS	ANNUAL COST
OPTION 1	\$1,507,087.50	\$145,000	\$1,362,087.50	10	\$939.37
OPTION 3	\$1,046,555.00	\$145,000	\$901,555.00	10	\$621.76

Of course another alternative is to do nothing and not proceed at this time. In this case the public roads will continue to be maintained by the Livingston County Road Commission as they have done in the past.

Enclosed you will find a letter from the Township Engineer dated April 8, 2013, Engineer's opinion of probable cost for Options 1 and 3 and a survey postcard. The survey postcard directs you to an on-line resource that will tabulate responses. You are also welcome to drop off or mail the postcard to the Township Hall:

Genoa Charter Township
2911 Dorr Road
Brighton MI 48114

The postcards are identified by address to assure that each home is counted only once. Results will be posted on the Township website www.genoa.org two weeks from the date of this correspondence. The results will be presented to the Township Board at their May 20, 2013 meeting held at 6:30 PM at the Township Hall. The Board will consider survey results and may direct that one of the following actions be taken:

1. Prepare construction drawings for Option 1.
2. Prepare construction drawings for Option 3.
3. Determine that there is not sufficient support for the project to proceed.

The meeting on May 20th is public and you are welcome to attend. If you have any questions regarding this information please feel free to contact the Township Hall at (810)227-5225 or via email: mike@genoa.org.

Best regards,



Michael Archinal, AICP
Township Manager

Cc: Township Board



TETRA TECH

April 8, 2013

Mr. Michael Archinal, Manager
Genoa Township
2911 Dorr Road
Brighton, MI 48116

**Re: Mystic Mountain Roads Reconstruction Project
Conceptual Cost Estimates**

Dear Mr. Archinal:

As you are aware, the Livingston County Road Commission (LCRC) developed an initial cost estimate for rehabilitation/reconstruction of the Mystic Mountain subdivision streets. The Township requested Tetra Tech review the preliminary design and investigate several alternatives to upgrade the condition of the existing roadway. It is the intent of this letter to determine which means of road reconstruction to proceed with in the construction drawings.

Based on our review of the available information provided by LCRC and a field review of the project site we developed three (3) options. Of the proposed options, Option 1 provides the most appropriate fix by crushing and shaping the asphalt in place and providing a new hot mix asphalt (HMA) surface.

However, if costs need to be reduced, Option 3, a 2-inch mill and resurface, can be performed for all of the roads except Sundance Trail. It should be noted that due to the amount of thermal cracking that is evident, a mill and resurface type fix is anticipated to show reflective cracking within 1-2 years of completing construction. In addition, the service life of the pavement after the mill and resurface will be significantly less than the crush and shape option (approximately 10 years).

We have investigated and provided conceptual cost estimates for three fixes:

1. Option 1 - Crush and shape existing HMA material and surface with a new 4-inch HMA surface.
2. Option 2 - Remove the existing HMA, condition the existing base and resurface with 4 inches of HMA.
3. Option 3 - Mill and resurface at 2-inch depth.

The following assumptions were made in the development of the three alternatives:

- Due to cost concerns, a sloped HMA curb will be utilized instead of concrete curb and gutter. An additional cost on the order of \$13-\$15 per foot of curb can be expected if concrete curb and gutter is desired. A vertical asphalt curb could also be constructed with an anticipated additional cost of \$5-\$8 per foot.
- Sundance Trail was not considered for a mill and resurface, based on the condition of the roadway.
- Quantities for total reconstruction were included for isolated areas with advanced deterioration.

Option 1 - Crush and shape

As shown in the attached conceptual opinion of cost, the estimated cost to crush and shape the existing surface is approximately \$1,500,000. Based on an initial pavement design, we feel the HMA pavement depth can be reduced from 5 inches to 4 inches because of the increased structural value of the crushed HMA. A final pavement design will be completed if this alternative is chosen for construction. It should be noted that the HMA unit prices in this estimate are higher than LCRC's initial estimate. We have discussed the project with several contractors and have validated our estimated HMA prices with them.

This option will provide the longest fix (20+ years) and provides the most opportunity for grade correction since the crushed material can be reshaped to the desired cross section. Some of the most severe problems on the road are likely due to water sitting on the roadway and these can be corrected by reshaping the base. Because there is an expansion factor once the existing HMA is crushed, the crushed material can be used for base material in other areas such as driveways. There will be a 4-5" grade raise on the roadway once the existing HMA is crushed, resulting in more impacts to driveways and surrounding property.

Option 2 - Remove existing HMA, condition existing aggregate base and repave

As shown in the attached estimate, the costs for this option are essentially the same as a crush and shape. Because the crush and shape is a longer term fix and increases the structural value, we recommend that this option not be considered for construction.

Option 3 - Mill and resurface

As shown in the attached conceptual estimate, the cost to mill and resurface at a 2-inch depth is approximately \$1,000,000. As noted previously, we do not believe a mill and resurface fix for Sundance Trail is feasible, therefore, the estimate assumes a crush and shape fix for this portion of the project.

Along with milling and resurfacing, pavement repairs are included in the estimate to repair deeper distress. Milling and resurfacing will have less impact to driveways and adjoining properties, but does not allow as much flexibility to fix some of the crown/grade issues that are

Mr. Michael Archinal
Mystic Mountain Roads Reconstruction Project
Conceptual Cost Estimates
April 8, 2013
Page 3

apparent. As noted previously, reflective cracking will likely occur soon after the work is completed and future maintenance costs should be considered when assessing this alternative.

We recommend a meeting be scheduled to further discuss these options and how best to proceed with the construction plan development and presentation to the property owners.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary J. Markstrom". The signature is fluid and cursive, with a large initial "G" and "M".

Gary J. Markstrom, P.E.
Unit Vice President

Attachment



OPINION OF PROBABLE CONSTRUCTION COST

Tetra Tech

123 Brighton Lake Road, Suite 203, Brighton, MI 48116

Telephone: (810) 220-2112 Fax: (810) 220-0094

PROJECT: Genoa Township - Mystic Mountain Roads
 LOCATION: _____
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: 2" Mill and Fill with Base Repairs, 2.5 miles, 28' avg width
Crush and Shape Sundance Tr, 0.63 miles, 24' avg width

DATE: Feb 15, 2013
 PROJECT NO.: _____
 ESTIMATOR: A. Lingo
 CHECKED BY: K. Pietila
 CURRENT ENR: _____

ITEM CODE	DESCRIPTION	PROJ. TOTAL	UNIT	UNIT PRICE	COST
1500001	Mobilization, Max. _____	1	LS	\$ 45,000.00	\$ 45,000.00
2030011	Dr Structure, Rem	5	Ea	\$ 240.00	\$ 1,200.00
2030015	Sewer, Rem, Less than 24 inch	200	Ft	\$ 9.00	\$ 1,800.00
2040021	Curb, Rem	33450	Ft	\$ 2.50	\$ 83,625.00
2040050	Pavt, Rem	800	Syd	\$ 5.00	\$ 4,000.00
2080020	Erosion Control, Inlet Protection, Fabric Drop	39	Ea	\$ 70.00	\$ 2,730.00
2080036	Erosion Control, Silt Fence	1500	Ft	\$ 2.00	\$ 3,000.00
3020002	Aggregate Base, LM	455	Cyd	\$ 25.00	\$ 11,375.00
3050002	HMA Base Crushing and Shaping	9370	Syd	\$ 3.00	\$ 28,110.00
3050010	Material, Surplus and Unsuitable, Rem, LM	190	Cyd	\$ 12.00	\$ 2,280.00
3050015	Salv Crushed Material, LM	190	Cyd	\$ 12.00	\$ 2,280.00
4020033	Sewer, CI A, 12 inch, Tr Det B	200	Ft	\$ 35.00	\$ 7,000.00
4030005	Dr Structure Cover, Adj, Case 1	39	Ea	\$ 400.00	\$ 15,600.00
4030070	Dr Structure Cover, Type R	39	Ea	\$ 550.00	\$ 21,450.00
4030200	Dr Structure, 24 inch dia	3	Ea	\$ 850.00	\$ 2,550.00
4030210	Dr Structure, 48 inch dia	3	Ea	\$ 1,300.00	\$ 3,900.00
4030280	Dr Structure, Adj, Add Depth	10	Ft	\$ 150.00	\$ 1,500.00
4030306	Dr Structure, Tap, 6 inch	4	Ea	\$ 125.00	\$ 500.00
4040063	Underdrain, Subbase, 6 inch	200	Ft	\$ 10.00	\$ 2,000.00
5010003	Cold Milling HMA Surface	4929	Ton	\$ 3.00	\$ 14,787.00
5010020	Pavt Joint and Crack Repr, Det 7	6650	Ft	\$ 6.00	\$ 39,900.00
5010021	Pavt Joint and Crack Repr, Det 8	724	Ft	\$ 8.00	\$ 5,792.00
5010025	Hand Patching	425	Ton	\$ 100.00	\$ 42,500.00
5010031	HMA, 3C	1290	Ton	\$ 60.00	\$ 77,400.00
5010033	HMA, 13A	5903	Ton	\$ 62.00	\$ 365,986.00
5010061	HMA Approach	130	Ton	\$ 85.00	\$ 11,050.00
5010733	HMA, 13A (Wedging)	460	Ton	\$ 62.00	\$ 28,520.00
8050010	Curb Sloped, HMA	34890	Ft	\$ 1.00	\$ 34,890.00
8120020	Barricade, Type III, High Intensity, Furn	20	Ea	\$ 50.00	\$ 1,000.00
8120021	Barricade, Type III, High Intensity, Oper	20	Ea	\$ 40.00	\$ 800.00
8120170	Minor Traf Devices	1	LS	\$ 4,500.00	\$ 4,500.00
8120250	Plastic Drum, High Intensity, Furn	290	Ea	\$ 15.00	\$ 4,350.00
8120251	Plastic Drum, High Intensity, Oper	290	Ea	\$ 13.00	\$ 3,770.00
8120350	Sign, Type B, Temp, Prismatic, Furn	740	Sft	\$ 5.00	\$ 3,700.00
8120351	Sign, Type B, Temp, Prismatic, Oper	740	Sft	\$ 4.00	\$ 2,960.00
8120370	Traffic Regulator Control	1	LS	\$ 4,500.00	\$ 4,500.00
8160100	Slope Restoration, Type A	19300	Syd	\$ 2.50	\$ 48,250.00
	Contingency 12%				\$ 112,000.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST = \$ 1,046,555.00					



OPINION OF PROBABLE CONSTRUCTION COST

Tetra Tech

123 Brighton Lake Road, Suite 203, Brighton, MI 48116

Telephone: (810) 220-2112 Fax: (810) 220-0094

PROJECT: Genoa Township - Mystic Mountain Roads
 LOCATION: _____
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: Remove and Replace HMA, 3.2 Miles, 24' Avg Width

DATE: Feb 15, 2013
 PROJECT NO. _____
 ESTIMATOR: A. Lingo
 CHECKED BY: K. Pietila
 CURRENT ENR: _____

ITEM CODE	DESCRIPTION	PROJ. TOTAL	UNIT	UNIT PRICE	COST
1500001	Mobilization, Max. _____	1	LS	\$ 66,000.00	\$ 66,000.00
2030011	Dr Structure, Rem	5	Ea	\$ 240.00	\$ 1,200.00
2030015	Sewer, Rem, Less than 24 inch	200	Ft	\$ 9.00	\$ 1,800.00
2040021	Curb, Rem	33450	Ft	\$ 2.50	\$ 83,625.00
2040050	Pavt, Rem	800	Syd	\$ 5.00	\$ 4,000.00
2050010	Embankment, CIP	4000	Cyd	\$ 6.00	\$ 24,000.00
2050016	Excavation, Earth	2000	Cyd	\$ 6.00	\$ 12,000.00
2080020	Erosion Control, Inlet Protection, Fabric Drop	39	Ea	\$ 70.00	\$ 2,730.00
2080036	Erosion Control, Silt Fence	2700	Ft	\$ 2.00	\$ 5,400.00
3020002	Aggregate Base, LM	2005	Cyd	\$ 25.00	\$ 50,125.00
3020050	Aggregate Base, Conditioning	49625	Syd	\$ 1.50	\$ 74,437.50
4020033	Sewer, CI A, 12 inch, Tr Det B	200	Ft	\$ 35.00	\$ 7,000.00
4030005	Dr Structure Cover, Adj, Case 1	39	Ea	\$ 400.00	\$ 15,600.00
4030070	Dr Structure Cover, Type R	39	Ea	\$ 550.00	\$ 21,450.00
4030200	Dr Structure, 24 inch dia	3	Ea	\$ 850.00	\$ 2,550.00
4030210	Dr Structure, 48 inch dia	3	Ea	\$ 1,300.00	\$ 3,900.00
4030280	Dr Structure, Adj, Add Depth	10	Ft	\$ 150.00	\$ 1,500.00
4030306	Dr Structure, Tap, 6 inch	4	Ea	\$ 125.00	\$ 500.00
4040063	Underdrain, Subbase, 6 inch	200	Ft	\$ 10.00	\$ 2,000.00
5010005	HMA Surface, Rem	57125	Syd	\$ 2.00	\$ 114,250.00
5010031	HMA, 3C (2.5")	6829	Ton	\$ 60.00	\$ 409,740.00
5010033	HMA, 13A (1.5")	4104	Ton	\$ 62.00	\$ 254,448.00
5010061	HMA Approach	370	Ton	\$ 85.00	\$ 31,450.00
8050010	Curb Sloped, HMA	34890	Ft	\$ 1.00	\$ 34,890.00
8120020	Barricade, Type III, High Intensity, Furn	20	Ea	\$ 50.00	\$ 1,000.00
8120021	Barricade, Type III, High Intensity, Oper	20	Ea	\$ 40.00	\$ 800.00
8120170	Minor Traf Devices	1	LS	\$ 7,000.00	\$ 7,000.00
8120250	Plastic Drum, High Intensity, Furn	290	Ea	\$ 15.00	\$ 4,350.00
8120251	Plastic Drum, High Intensity, Oper	290	Ea	\$ 13.00	\$ 3,770.00
8120350	Sign, Type B, Temp, Prismatic, Furn	740	Sft	\$ 5.00	\$ 3,700.00
8120351	Sign, Type B, Temp, Prismatic, Oper	740	Sft	\$ 4.00	\$ 2,960.00
8120370	Traffic Regulator Control	1	LS	\$ 7,000.00	\$ 7,000.00
8160100	Slope Restoration, Type A	18510	Syd	\$ 2.50	\$ 46,275.00
	Contingency 12%				\$ 156,000.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST =					\$ 1,457,450.50



OPINION OF PROBABLE CONSTRUCTION COST

Tetra Tech

123 Brighton Lake Road, Suite 203, Brighton, MI 48116

Telephone: (810) 220-2112 Fax: (810) 220-0094

PROJECT: Genoa Township - Mystic Mountain Roads
 LOCATION: _____
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: Crush and Shape, 3.2 Miles, 24' avg width

DATE: Feb 15, 2013
 PROJECT NO. _____
 ESTIMATOR: A. Lingo
 CHECKED BY: K. Pietila
 CURRENT ENR: _____

ITEM CODE	DESCRIPTION	PROJ. TOTAL	UNIT	UNIT PRICE	COST
1500001	Mobilization, Max.	1	LS	\$ 70,000.00	\$ 70,000.00
2030011	Dr Structure, Rem	5	Ea	\$ 240.00	\$ 1,200.00
2030015	Sewer, Rem, Less than 24 inch	200	Ft	\$ 9.00	\$ 1,800.00
2040021	Curb, Rem	33450	Ft	\$ 2.50	\$ 83,625.00
2040050	Pavt, Rem	800	Syd	\$ 5.00	\$ 4,000.00
2050010	Embankment, CIP	4500	Cyd	\$ 6.00	\$ 27,000.00
2050016	Excavation, Earth	3000	Cyd	\$ 6.00	\$ 18,000.00
2080020	Erosion Control, Inlet Protection, Fabric Drop	39	Ea	\$ 70.00	\$ 2,730.00
2080036	Erosion Control, Silt Fence	2700	Ft	\$ 2.00	\$ 5,400.00
3020002	Aggregate Base, LM	2005	Cyd	\$ 25.00	\$ 50,125.00
3050002	HMA Base Crushing and Shaping	49625	Syd	\$ 2.00	\$ 99,250.00
3050010	Material, Surplus and Unsuitable, Rem, LM	1007	Cyd	\$ 8.00	\$ 8,056.00
3050015	Salv Crushed Material, LM	1007	Cyd	\$ 8.00	\$ 8,056.00
4020033	Sewer, CI A, 12 inch, Tr Det B	200	Ft	\$ 35.00	\$ 7,000.00
4030005	Dr Structure Cover, Adj, Case 1	39	Ea	\$ 400.00	\$ 15,600.00
4030070	Dr Structure Cover, Type R	39	Ea	\$ 550.00	\$ 21,450.00
4030200	Dr Structure, 24 inch dia	3	Ea	\$ 850.00	\$ 2,550.00
4030210	Dr Structure, 48 inch dia	3	Ea	\$ 1,300.00	\$ 3,900.00
4030280	Dr Structure, Adj, Add Depth	10	Ft	\$ 150.00	\$ 1,500.00
4030306	Dr Structure, Tap, 6 inch	4	Ea	\$ 125.00	\$ 500.00
4040063	Underdrain, Subbase, 6 inch	200	Ft	\$ 10.00	\$ 2,000.00
5010005	HMA Surface, Rem	7500	Syd	\$ 2.00	\$ 15,000.00
5010031	HMA, 3C (2.5")	6829	Ton	\$ 60.00	\$ 409,740.00
5010033	HMA, 13A (1.5")	4104	Ton	\$ 62.00	\$ 254,448.00
5010061	HMA Approach	840	Ton	\$ 85.00	\$ 71,400.00
8010005	Driveway, Nonreinf Conc, 6 inch	75	Syd	\$ 50.00	\$ 3,750.00
8050010	Curb Sloped, HMA	34890	Ft	\$ 1.00	\$ 34,890.00
8120020	Barricade, Type III, High Intensity, Furn	20	Ea	\$ 50.00	\$ 1,000.00
8120021	Barricade, Type III, High Intensity, Oper	20	Ea	\$ 40.00	\$ 800.00
8120170	Minor Traf Devices	1	LS	\$ 7,000.00	\$ 7,000.00
8120250	Plastic Drum, High Intensity, Furn	290	Ea	\$ 15.00	\$ 4,350.00
8120251	Plastic Drum, High Intensity, Oper	290	Ea	\$ 13.00	\$ 3,770.00
8120350	Sign, Type B, Temp, Prismatic, Furn	740	Sft	\$ 5.00	\$ 3,700.00
8120351	Sign, Type B, Temp, Prismatic, Oper	740	Sft	\$ 4.00	\$ 2,960.00
8120370	Traffic Regulator Control	1	LS	\$ 7,000.00	\$ 7,000.00
8160100	Slope Restoration, Type A	37015	Syd	\$ 2.50	\$ 92,537.50
	Contingency 12%				\$ 161,000.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST =					\$ 1,507,087.50



2911 Dorr Road
Brighton, MI
48116

5101 Milroy Lane:

Which of the following do you support for the proposed Mountain Mystic Milroy road improvement project?

- A. Option 1**
- B. Option 3**
- C. I do not support a special assessment.**

*** The most effective way to respond is to answer the online survey at www.genoa.org.**

Ann Arbor SPARK-Livingston Quarterly Report

1st Quarter 2013 (January-March 2013)

TO:



FROM:

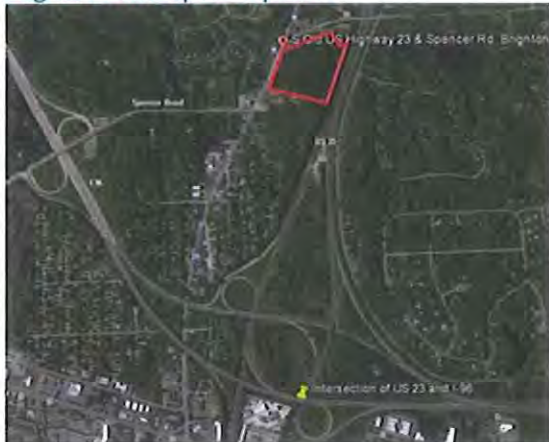


CC:

Board Members of the Economic Development Council of Livingston County

QUARTERLY HIGHLIGHTS

Lake Trust Credit Union announces new \$30 million Brighton Township headquarters



In March, Lake Trust Credit Union announced plans to build a new \$30 million headquarters on approximately 17-acre site adjoining US 23 just north of I-96 near Brighton. The planning and construction process for the new Lake Trust Credit Union headquarters could be completed by 2015 and will include a new 100,000 square foot building designed to more efficiently and effectively join a workforce currently split between Lansing and Plymouth.

"The new Lake Trust headquarters will be the best place to work in Michigan," says Lake Trust Credit Union CEO David Snodgrass. "Brighton and nearby Ann Arbor are vibrant growing communities, and this location simply makes the most business sense for our organization. Our new headquarters will be equipped with the latest high-tech operating systems, all in an ideal open plan, daylight filled setting, at a great location. It's a win-win-win plan for Michigan, for Lake Trust employees and for our members."

"Lake Trust's new headquarters in Livingston County is great news for the region, and we're thrilled to have been a part of the company choosing to locate here," said Ann Arbor SPARK president and CEO Paul Krulko. "Ann Arbor SPARK connected with the company early in its process, promoted the region's assets and showed how this region can meet Lake Trust's needs now and in the future. The company chose to make this significant investment in Livingston County because they recognized that Livingston offers a low cost of doing business, easy access for its employees and the ideal property where a campus can be built to specification. Lake Trust is a great example of how Ann Arbor SPARK's work has a tremendous impact on economic opportunity in the region." More on this project can be found [here](#).

Steady Job Growth Predicted for Livingston County

In February, the University of Michigan's Institute for Research on Labor, Employment, and the Economy released a regional employment study that showed an impressive growth plan for the area. The study covered Genesee, Lapeer, Livingston, Macomb, Oakland, St. Clair, and Shiawassee counties. The study may be read [here](#). Here are some highlights from the study:

- By 2012, Livingston had recovered all of the jobs it lost during the recession, and Lapeer is expected to do so by early 2015.
- The most rapidly growing counties on a percentage basis during the recovery period are Lapeer and Livingston, which are expected to add at least 1,500 new jobs each year through 2015.
- Job growth is accompanied by slowly declining unemployment and relatively tame price inflation. The unemployment rate in the region, which has improved each year since 2009, will continue to drop from last year's 9.4 percent dip to 9.1 percent this year, 8.3 percent next year and 7.3 percent in 2015. Inflation will hover around 2 percent or less throughout the forecast horizon.

Why Livingston County?

The Ann Arbor region continues to be an attractive area for companies to grow and prosper. In conversations with established firms in Livingston County, and firms looking to expand in the region, many have named history/experience in the area, available real estate, close proximity to various markets, low cost of doing business, and the abundance of talent as significant factors affecting their location decisions.

Questions about Property Tax Abatements?

Look to this [link](#) for templates, best practices, draft resolutions and samples of existing community policies on PA 198 tax abatements.

Government Contracting 101 & Health Care Reform

Ann Arbor SPARK held three events this quarter – two on government contracting opportunities with local, state and federal agencies and an update on the new health care reform. The contracting events featured speakers from the [Procurement Technical Assistance Center \(PTAC\)](#), as well as Livingston County's procurement team. The health care event featured speakers from [UHY Advisors](#) and discussed implications of the health care reform for second stage companies. The events combined reached 70 individuals and were held in conjunction with the Greater Brighton Area Chamber of Commerce; the Hartland Area Chamber of Commerce; and the Howell Area Chamber of Commerce.

LIVINGSTON MICHIGAN WORKS! UPDATES

2013 Livingston Regional Job Fair

SPARK has been involved in planning for the 2013 Livingston Regional Job Fair, taking place on Wednesday, April 17th at the Crystal Gardens Banquet Center in Howell, MI. Over fifty employers recruit at this event every year, and a list of this year's exhibitors may be found [here](#). From the list, we can see that retail, service-oriented, health care and manufacturing positions are still the highest in demand in our region.

2012 Incumbent Worker Training Results

By the end of 2012, Livingston Michigan Works! granted over \$50,000 dollars in [incumbent worker training grants](#) and trained 61 employees from five different companies. Another \$65,000 in grants has been awarded to six companies in Livingston County.

2012 Training Grants Awarded	\$50,090
2012 Training Grants Spent	\$48,354
Training Grants in Progress	\$64,877

UPCOMING EVENTS

Financing Your Growth (April 24th, 2013)

Ann Arbor SPARK is partnering with [Bodman PLC](#), [Cascade Partners](#) and the [Growth Capital Network](#) for the first event of SPARK's *Continuous Innovation: A Leading Series for Mature Stage Companies*. Representatives will be discussing the in's and out's of strategies, risks, benefits, and preparation for dividend recapitalizations and other similar transactions. Future topics will include "Commercial Lending and Michigan Economic Development Capital Markets Programs," "Attracting Foreign Direct Investment or Private Equity Partners," and "Seeking Out Joint Venture Partnerships."

When: April 24, 2013

PURE MICHIGAN[®] Business Connect (May 2nd, 2013)

The [Pure Michigan Business Connect](#) team will be in Livingston County to discuss their Business-to-Business web platform. DTE Energy and Consumers Energy will also be on hand to overview their procurement process for local businesses. Attendees will have the opportunity to meet with business service providers to explore the different resources available to them.

Where: Crystal Gardens Banquet Center

When: May 2, 2013

Dual Use Technology Briefing

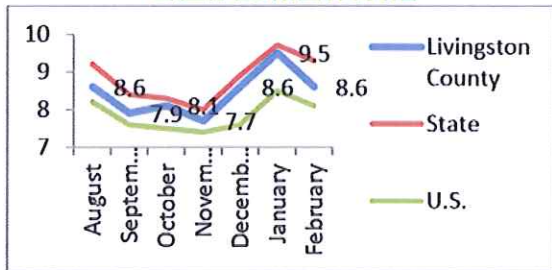
(May 22nd, 2013)

Ann Arbor SPARK is partnering with the [U.S. Army Tank Automotive Research, Development and Engineering Center \(TARDEC\)](#), the [Procurement Technical Assistance Center \(PTAC\)](#) and a number of other organizations for a Dual Use Technology Briefing to be held at Washtenaw Community College. Participants at this event will learn about the Army's [Small Business Innovation Research \(SBIR\)](#) program and TARDEC's [Cooperative Research and Development Agreement \(CRADA\)](#) program. The purpose of this event is to help businesses understand how the SBIR and CRADA programs work and how to participate. These programs allow for interested organizations to collaborate with the government on research initiatives. Partner organizations such as PTAC and Ann Arbor SPARK, among others, will discuss business services available to participants.

Where: Washtenaw Community College

When: May 22, 2013

UNEMPLOYMENT RATE



REAL-TIME JOB OPENINGS

Total Job Openings	1,268
Retail Trade	19% of job openings
Manufacturing	15.5%
Health Care	11.1%
Finance & Insurance	8.5%

(Source: Workforce Intelligence Network)

	Real	Personal
2011	\$7,684,847,114	\$511,004,824
2012	\$7,435,910,644	\$531,433,094

(Source: 2011 & 2012 Livingston County Equalization Report)

PERCENT OF COMMERCIAL AND INDUSTRIAL PROPERTY AS TOTAL REAL PROPERTY TAX BASE

15.4%

(Source: 2012 Livingston County Equalization Report)

PROJECT PIPELINE

Number of Projects	17
New Job Creation	354
Capital Investment	\$58 million

COMPANY VISITS & PROJECT SUCCESSES

Company Visits	12
Referrals	16
Job Creation Assistance	250
Capital Investment Assistance	\$30 million

PROJECT PIPELINE

Account ID	Probability	Investment	Job Creation
4998	80%	TBD	24
5627	50%	\$15,000,000	51
4610	30%	\$4,000,000	6
4837	30%	TBD	4
6348	25%	TBD	8
6393	25%	TBD	TBD
5597	25%	\$30,400,000	172
6438	20%	\$100,000	10
5587	10%	\$5,000,000	67
4737	10%	\$500,000	TBD
1752	10%	\$3,000,000	12
267	Low	TBD	TBD
4922	Low	TBD	TBD
6324	Low	TBD	TBD
4866	Low	TBD	TBD
4620	Low	TBD	TBD
6528	Low	TBD	TBD

COMPANY VISIT REPORT (1ST QUARTER)

Company Name	Municipality
Carl Zeiss Industrial Metrology, LLC	Green Oak
Center PowerD Management, LLC	Green Oak
Dewitts Radiators	Genoa
Dun-Rite Machining, Inc	Genoa
Extreme Machine	Hamburg
Falcon Stamping	Genoa
General Motors Milford Proving Grounds	Brighton Township
LadderPort	Green Oak
Lowry Computer Products, Inc.	Green Oak
Modern Content, Inc.	Brighton
Ultimate Tube Bender Parts Plus, Inc.	Brighton
Wedge-Mill Tool Inc.	Green Oak
12 Records	

COMPANY TRENDS & OPPORTUNITIES

Increase in Greenfield Development

Greenfield development continues to be a significant opportunity for the region. With the announcement of two new headquarters this quarter (Lake Trust Credit Union headquarters and Dakota Integrated Systems LLC), the willingness for businesses to consider building new facilities is beginning to increase.

Lack of Available Real Estate

While greenfield space is available, the existing inventory for real estate in sizes and conditions desired by interested parties is more limited. This is the largest factor affecting the region's exclusion in site searches.

QUARTERLY REPORT DEFINITIONS

COMPANY VISITS: Meetings with local businesses regarding their current business outlook. This is a core "economic gardening" strategy that provides opportunities for referrals like workforce development training, state-level resources, tax incentives, business development opportunities, cost reduction strategies, access to capital, etc.

PROJECT PIPELINE: The project pipeline represents potential projects that have been identified, along with their current status and probability of completion.

REFERRALS: Referrals to outside resources or value-added services provided by staff. This could include a referral regarding a state-level program, a review to determine the feasibility of entry into a new sector, or technical assistance with local or state-level programs.



ANN ARBOR
SPARK
IGNITING INNOVATION
Livingston County

www.AnnArborUSA.org
734-761-9317

Mike Archinal

From: Mike Archinal
Sent: Thursday, April 25, 2013 10:52 AM
To: 'Jerry Baut'
Subject: RE: Thank You

Jerry,

You are welcome. Genoa is truly a great place to raise a family. In addition to the new resident packet you picked up this morning you may find useful information on our website: www.genoa.org

Michael C. Archinal
Township Manager

Genoa Charter Township
2911 Dorr Road, Brighton, Michigan 48116
Phone: (810) 227-5225, Fax: (810) 227-3420
E-mail: mike@genoa.org, Url: www.genoa.org

-----Original Message-----

From: Jerry Baut [<mailto:jbaut@me.com>]
Sent: Thursday, April 25, 2013 9:43 AM
To: Mike Archinal
Subject: Thank You

Mike,

I wanted to drop you a quick note to say Thank You for your prompt attention to assist me this morning in obtaining my Land use Waiver. As we are just moving into the Township it was a great first experience with you and the others I met this morning. We're excited about our new residence here in Genoa.

Thanks again,

Jerry Baut
3597 Lakewood Shores

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter of the Commission's own motion,)	Case No. U-16641
regarding the regulatory reviews, revisions,)	
determinations, and/or approvals necessary for)	
Commerce Energy, Inc. to fully comply with)	
Public Act 295 of 2008.)	
_____)	

NOTICE OF OPPORTUNITY TO COMMENT

On December 6, 2012, in Case No. U-15825 et al, the Michigan Public Service Commission (Commission) ordered Commerce Energy, Inc. to file a renewable energy plan on or before April 16, 2013 to comply with the "Clean, Renewable and Efficient Energy Act" (2008 PA 295, MCL 460.1001, et seq.) and MPSC order in Case No. U-15800 dated December 4, 2008. On March 20, 2013, Commerce Energy, Inc. filed its Request for Approval of Existing Renewable Portfolio Standard Plan and Notice of Opportunity to Comment Notice with the Commission.

Any interested person may review the filed Renewable Energy Plan on the MPSC website under Case No. U-16641 at: www.michigan.gov/mpscdockets and at the offices of Commerce Energy, Inc., 30555 Southfield Rd., Suite 440, Southfield, Michigan, Michigan, or at the office of the Commission's Executive Secretary, 4300 West Saginaw, Lansing, Michigan, between the hours of 8:00 a.m. and 12:00 p.m. and 1:00 p.m. and 5:00 p.m., Monday through Friday.

Written and electronic comments may be filed with the Commission and must be received no later than 5:00 p.m. on May 16, 2013. Written comments should be sent to the: Executive Secretary, Michigan Public Service Commission, P.O. Box 30221, Lansing, Michigan 48909, with a copy mailed to Commerce Energy, Inc., 1 Centerpointe Drive, Suite 350, La Palma, CA 90623. Electronic comments may be e-mailed to: mpscdockets@michigan.ov . All comments should reference Case No. U-16641. Comments received in this matter become public

information, posted on the Commission's website, and subject to disclosure. Please do not include information you wish to remain private.

The Commission will review the renewable energy plan together with any filed comments and provide a response within 60 days of the filing of the application indicating any revisions that should be made. If the Commission suggests revisions, Commerce Energy, Inc. will file a revised RPS plan no later than 75 days after the filing of the application. A Commission order will be issued on or before the 90th day following the filing of the application.

Any proposed Renewable Energy Plan Charges may not exceed \$3 per meter per month for residential customers, \$16.58 per meter per month for commercial secondary customers or \$187.50 per meter per month for commercial primary or industrial customers.

COMMERCE ENERGY, INC.

G-1-13

Adam.

I called a few weeks ago

re: Rubbish by Home of 612 Menominee,

Jim happy to say - person has cleaned
up the area -

Thank you for your prompt response -
You very good at your job!

Sincerely,

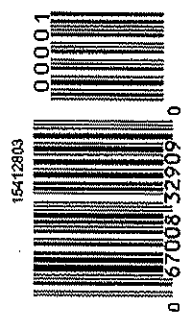
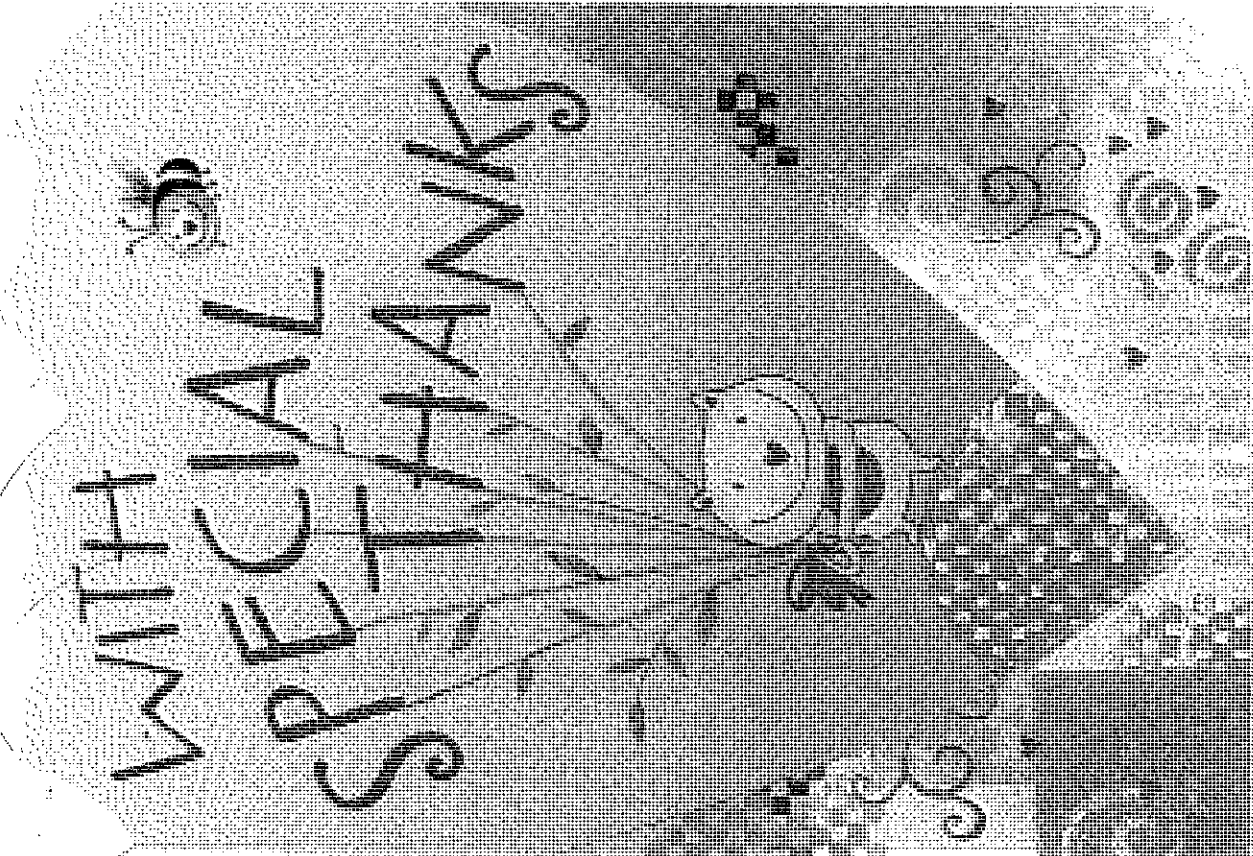
Conington Greens

Board Member

Ganga Brent

WITH
SPECIAL
SPEECHES

Tender Thoughts



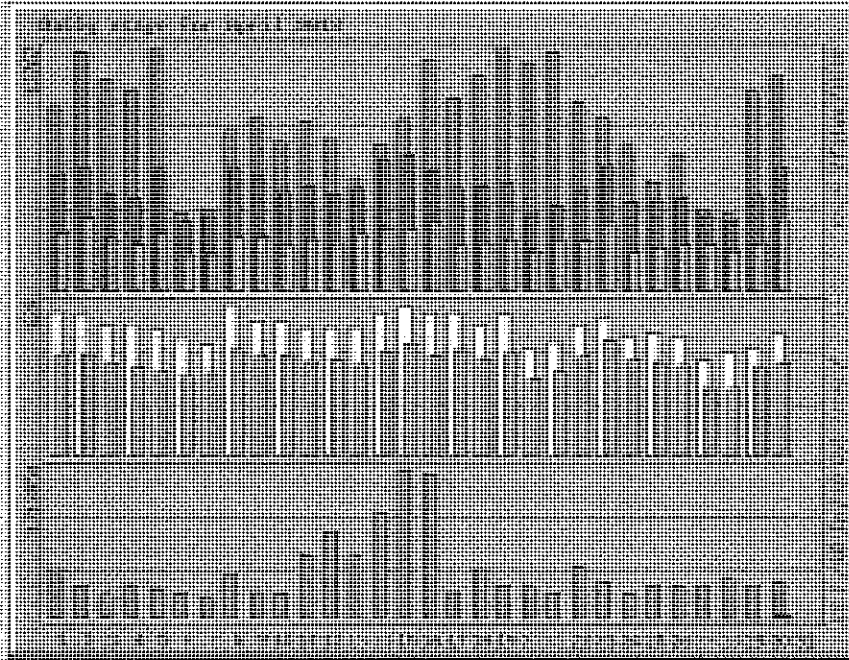
4392760
\$2.25 TETY82481-00B
TENDER THOUGHTS GREETINGS
1820 MADRISON BLVD. MISSISSAUGA, ONTARIO L4W 1B3
©AGC, LLC MADE IN U.S.A.

Usage Statistics for genoa.org

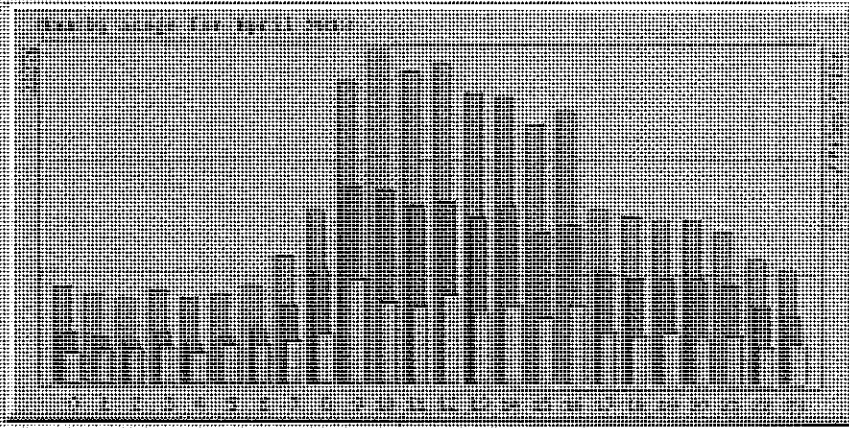
Summary Period: April 2013
Generated 01-May-2013 00:24 EDT

[\[Daily Statistics\]](#) [\[Hourly Statistics\]](#) [\[URLs\]](#) [\[Entry\]](#) [\[Exit\]](#) [\[Sites\]](#) [\[Referrers\]](#) [\[Search\]](#) [\[Agents\]](#) [\[Locations\]](#)

Monthly Statistics for April 2013		
Total Hits	290931	
Total Files	172293	
Total Pages	85677	
Total Visits	15713	
Total KB Files	15797153	
Total KB In	1	
Total KB Out	90	
Total Unique Sites	6626	
Total Unique URLs	3664	
Total Unique Referrers	1200	
Total Unique User Agents	1512	
	Avg	Max
Hits per Hour	404	1682
Hits per Day	9697	13767
Files per Day	5743	7615
Pages per Day	2855	4029
Visits per Day	523	629
kB Files per Day	526572	1713950
kB In per Day	0	1
kB Out per Day	3	90
Hits by Response Code		
Undefined response code	16	
Code 200 - OK	172293	
Code 206 - Partial Content	214	
Code 301 - Moved Permanently	485	
Code 302 - Found	1377	
Code 304 - Not Modified	93001	
Code 400 - Bad Request	2	
Code 403 - Forbidden	6	
Code 404 - Not Found	23537	



Daily Statistics for April 2013											
Day	Pages	Views	Downloads	Comments	Searches	Logins	Registrations	Subscriptions	Unsubscribes	Deletions	Restarts
1	15345	5581	3725	59	416	0	0	0	0	0	0
2	12570	5873	4529	57	417	0	0	0	0	0	0
3	12076	5501	3961	52	378	0	0	0	0	0	0
4	11721	5736	3502	54	350	0	0	0	0	0	0
5	11987	5968	3113	51	348	0	0	0	0	0	0
6	4365	2495	2513	48	328	0	0	0	0	0	0
7	4580	4105	1867	45	341	0	0	0	0	0	0
8	5037	5236	2808	52	412	0	0	0	0	0	0
9	5755	5438	2448	55	406	0	0	0	0	0	0
10	6379	5411	2111	53	411	0	0	0	0	0	0
11	6451	5968	2647	53	393	0	0	0	0	0	0
12	6567	5476	2543	52	392	0	0	0	0	0	0
13	6259	5776	3163	54	372	0	0	0	0	0	0
14	5327	7309	3523	56	425	0	0	0	0	0	0
15	5766	7615	3379	62	459	0	0	0	0	0	0
16	15569	6751	3828	59	413	0	0	0	0	0	0
17	10870	5737	3493	58	424	0	0	0	0	0	0
18	11725	5897	3623	53	399	0	0	0	0	0	0
19	13723	6261	2847	58	420	0	0	0	0	0	0
20	12983	4257	2332	43	316	0	0	0	0	0	0
21	13126	4847	2832	45	345	0	0	0	0	0	0
22	10387	5776	2781	54	405	0	0	0	0	0	0
23	5754	2066	3778	56	472	0	0	0	0	0	0
24	8214	5025	2108	49	340	0	0	0	0	0	0
25	6097	5103	2417	50	356	0	0	0	0	0	0
26	7762	5156	2365	49	370	0	0	0	0	0	0
27	4561	4761	2509	46	277	0	0	0	0	0	0
28	4311	2694	2180	42	274	0	0	0	0	0	0
29	11778	5438	3609	41	356	0	0	0	0	0	0
30	12245	6436	2978	51	358	0	0	0	0	0	0



Hour	Page	File	Image	Video	Audio	PDF	Other	Total
0	112	6385	112	3168	0	63	1970	9298
1	189	5983	105	3813	0	71	2144	11302
2	185	5554	87	2698	0	70	2109	8673
3	205	6154	105	3258	0	78	2347	9714
4	189	5680	91	2742	0	69	2072	12853
5	198	5950	101	2945	0	82	2467	12956
6	248	6540	112	3408	0	84	2548	18726
7	282	6472	171	5132	0	84	2825	18628
8	383	11508	252	7388	0	106	3183	21574
9	672	20187	441	12131	0	231	6837	39229
10	942	22278	438	12525	0	180	5425	38663
11	691	20751	391	11787	0	170	5104	31525
12	408	21124	401	12112	0	184	5529	27039
13	647	19411	364	11445	0	158	4757	35139
14	818	18153	392	11788	0	174	5238	39549
15	574	17448	332	10108	0	143	4391	31395
16	604	18131	351	10539	0	173	5203	33420
17	324	11554	247	7439	0	115	3453	31693
18	370	11125	234	7834	0	106	3195	32893
19	359	10785	239	6928	0	111	3383	32230
20	283	10892	223	6993	0	92	2882	30257
21	339	10171	211	6441	0	108	3147	30297
22	276	8288	182	5061	0	81	2454	24516
23	251	7536	142	4457	0	85	2552	21523

Rank	URL	Page	File	Image	Video	Audio	PDF	Other
1	http://www.genoa.org/	15495	0	0	0	0	0	0
2	http://www.genoa.org/	4811	0	0	0	0	0	0
3	http://www.genoa.org/	5146	0	0	0	0	0	0
4	http://www.genoa.org/	125018	0	0	0	0	0	0
5	http://www.genoa.org/	5171	0	0	0	0	0	0
6	http://www.genoa.org/	5911	0	0	0	0	0	0
7	http://www.genoa.org/	24197	0	0	0	0	0	0
8	http://www.genoa.org/	88925	0	0	0	0	0	0

9	7480		40882		0	0	0	/admin/searchreview
10	2812	0.97%	17056	0.11%	0	0.00%	0	/robots.txt
11	2166	0.74%	8319	0.05%	0	0.00%	0	/departments/assessing/data
12	1668	0.57%	2285	0.01%	0	0.00%	0	/img/favicon.ico
13	977	0.34%	3542	0.02%	0	0.00%	0	/favicon.ico
14	962	0.33%	9301	0.06%	0	0.00%	0	/meetings/boardminutes/1
15	926	0.32%	6441	0.04%	0	0.00%	0	/meetings/minutes
16	823	0.28%	6086	0.04%	0	0.00%	0	/government/employment
17	772	0.27%	6228	0.04%	0	0.00%	0	/government/boards/board
18	655	0.23%	6403	0.04%	0	0.00%	0	/meetings/boardminutes/2
19	647	0.22%	8046	0.05%	0	0.00%	0	/government/boards/planningcommission
20	629	0.22%	6076	0.04%	0	0.00%	0	/meetings/boardminutes/3
21	589	0.20%	6889	0.04%	0	0.00%	0	/government/boards/zoningboard
22	581	0.20%	2384	0.02%	0	0.00%	0	/articles/article/billpay
23	573	0.20%	3021	0.02%	0	0.00%	0	/departments/utilities/watersewer
24	539	0.19%	1842	0.01%	0	0.00%	0	/admin
25	501	0.17%	2514	0.02%	0	0.00%	0	/search
26	487	0.17%	4111	0.03%	0	0.00%	0	/government/ordinances/ordinance-zoning
27	472	0.16%	2575	0.02%	0	0.00%	0	/government/contact
28	416	0.14%	3959	0.03%	0	0.00%	0	/departments/assessing
29	403	0.14%	2900	0.02%	0	0.00%	0	/departments/utilities/refuse
30	383	0.13%	6257	0.04%	0	0.00%	0	/news/bulletins
View All URLs								

Top 10 of 3664 Total URLs By kB F								
#								URL
					KB Out			
1	133	0.05%	3135532	19.85%	0	0.00%	0	/contentfiledata/download/1383
2	130	0.04%	1860178	11.78%	0	0.00%	0	/contentfiledata/download/1384
3	30	0.01%	538805	3.41%	0	0.00%	0	/contentfiledata/download/1386
4	30	0.01%	367547	2.33%	0	0.00%	0	/contentfiledata/download/1375
5	44	0.02%	311913	1.97%	0	0.00%	0	/contentfiledata/download/1345
6	78	0.03%	271766	1.72%	0	0.00%	0	/contentfiledata/download/1377
7	34	0.01%	231973	1.47%	0	0.00%	0	/contentfiledata/download/1328
8	44	0.02%	227970	1.44%	0	0.00%	0	/contentfiledata/download/159
9	59	0.02%	212028	1.34%	0	0.00%	0	/contentfiledata/download/1351
10	47	0.02%	205069	1.30%	0	0.00%	0	/contentfiledata/download/443

Top 10 of 2448 Total Entry Pages					
#			Visits	URL	
1	13240	4.55%	4560	29.54%	/
2	2166	0.74%	472	3.06%	/departments/assessing/data
3	573	0.20%	234	1.52%	/departments/utilities/watersewer
4	823	0.28%	194	1.26%	/government/employment
5	286	0.10%	167	1.08%	/articles/article/park
6	403	0.14%	162	1.05%	/departments/utilities/refuse
7	184	0.06%	152	0.98%	/articles/article/sewerbackupcleanup
8	962	0.33%	133	0.86%	/meetings/boardminutes/1
9	416	0.14%	131	0.85%	/departments/assessing
10	144	0.05%	110	0.71%	/articles/article/sewerbackupdiseaseprevention

Top 10 of 2039 Total Exit Pages			
#		Visits	URL

1	13240	100%	524	100%	
2	2166	16%	148	28%	http://www.genoa.org/
3	825	6%	71	13%	http://www.genoa.org/
4	823	6%	57	11%	http://www.genoa.org/
5	551	4%	46	9%	http://www.genoa.org/
6	573	4%	39	7%	http://www.genoa.org/
7	493	4%	33	6%	http://www.genoa.org/
8	772	6%	33	6%	http://www.genoa.org/
9	487	4%	25	5%	http://www.genoa.org/
10	362	3%	25	5%	http://www.genoa.org/

Top 30 of 6626 Total Sites

#	IP	Visits	Hostname
1	8222	5055	2528072
2	2274	2974	4833
3	2409	2398	532051
4	2322	2310	482751
5	3737	2222	412412
6	1307	1254	39572
7	1122	1090	1818
8	1117	1113	10557
9	1114	1159	10447
10	942	743	68357
11	936	921	172995
12	883	405	33118
13	764	613	488905
14	679	619	5981
15	643	512	25148
16	599	598	32934
17	575	526	15327
18	559	553	3742
19	367	346	20871
20	563	519	3176
21	540	526	67564
22	511	449	2535
23	595	473	6029
24	530	464	2080
25	477	383	24871
26	473	403	2224
27	422	258	13870
28	457	382	3285
29	489	319	219761
30	418	345	226293

from All Sites

Top 10 of 6626 Total Sites By kB F

#	IP	Visits	Hostname
1	8222	5055	2528072
2	2409	2398	532051
3	292	240	518947
4	764	613	488905

5	2355	7310	48751	0	0	0	0	248	http://www.genoa.org
6	2237	2222	417413	0	0	0	0	205	http://www.genoa.org
7	410	346	233253	0	0	0	0	15	http://www.genoa.org
8	445	110	214751	0	0	0	0	25	http://www.genoa.org
9	102	61	193514	0	0	0	0	7	http://www.genoa.org
10	336	431	171953	0	0	0	0	12	http://www.genoa.org

top 30 of 1200 Total Referrers

#	Referrer	Count	Percentage
1	[REDACTED]	3226	26.9%
2	http://www.genoa.org	2245	18.7%
3	http://www.genoa.org	776	6.4%
4	http://www.genoa.org	375	3.1%
5	http://www.genoa.org	355	2.9%
6	http://www.genoa.org	292	2.4%
7	http://www.genoa.org	26	0.2%
8	http://www.genoa.org	61	0.5%
9	http://www.genoa.org	28	0.2%
10	http://www.genoa.org	54	0.4%
11	http://www.genoa.org	48	0.4%
12	http://www.genoa.org	43	0.4%
13	http://www.genoa.org	45	0.4%
14	http://www.genoa.org	40	0.3%
15	http://www.genoa.org	38	0.3%
16	http://www.genoa.org	35	0.3%
17	http://www.genoa.org	33	0.3%
18	http://www.genoa.org	35	0.3%
19	http://www.genoa.org	31	0.3%
20	http://www.genoa.org	36	0.3%
21	http://www.genoa.org	30	0.2%
22	http://www.genoa.org	27	0.2%
23	http://www.genoa.org	27	0.2%
24	http://www.genoa.org	26	0.2%
25	http://www.genoa.org	24	0.2%
26	http://www.genoa.org	24	0.2%
27	http://www.genoa.org	22	0.2%
28	http://www.genoa.org	23	0.2%
29	http://www.genoa.org	19	0.2%
30	http://www.genoa.org	19	0.2%

Show All Referrers

Top 20 of 846 Total Search Strings

#	Search String	Count	Percentage
1	http://www.genoa.org	517	61.0%
2	http://www.genoa.org	141	16.7%
3	http://www.genoa.org	89	10.5%
4	http://www.genoa.org	51	6.0%
5	http://www.genoa.org	46	5.4%
6	http://www.genoa.org	36	4.3%
7	http://www.genoa.org	32	3.8%
8	http://www.genoa.org	28	3.4%
9	http://www.genoa.org	20	2.4%
10	http://www.genoa.org	12	1.4%

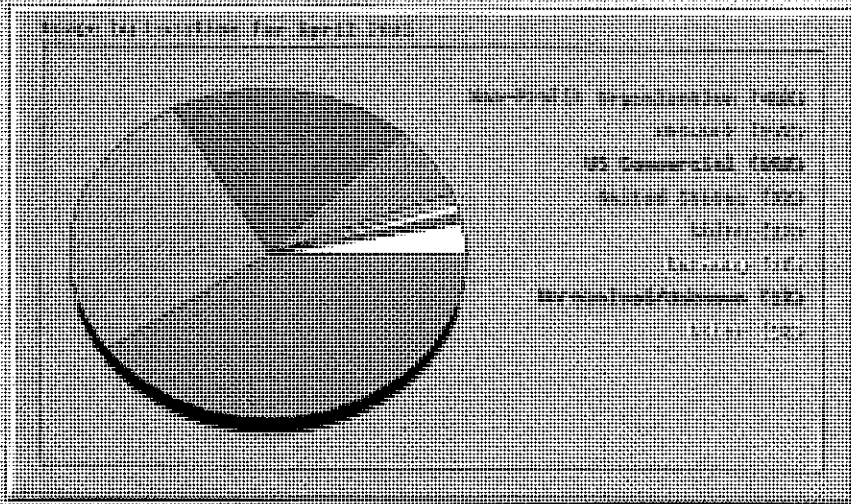
11	12	100%	Opera/9.801 Windows Mobile; Opera
12	12	100%	Opera/9.801 Windows Mobile; Opera
13	12	100%	Opera/9.801 Windows Mobile; Opera
14	11	100%	Opera
15	11	100%	Opera/9.801 Windows Mobile; Opera
16	10	100%	Opera/9.801 Windows Mobile; Opera
17	10	100%	Opera/9.801 Windows Mobile; Opera
18	9	100%	Opera/9.801 Windows Mobile; Opera
19	7	100%	Opera/9.801 Windows Mobile; Opera
20	6	100%	Opera/9.801 Windows Mobile; Opera

View All Search Engines

Top 15 of 1512 Total User Agents

#	Count	Percentage	User Agent
1	75887	51.1%	Mozilla/5.0 (Windows NT 6.1; WOW64; AppleWebKit/537.31 (KHTML, like Gecko) Chrome/26.0.1410.64 Safari/537.31
2	33833	22.4%	Mozilla/5.0 (Windows NT 6.1; WOW64; AppleWebKit/537.31 (KHTML, like Gecko) Chrome/26.0.1410.64 Safari/537.31
3	12397	8.2%	Mozilla/5.0 (compatible; MSNbot-Media/1.0; Windows NT 6.1; WOW64; Trident/6.0)
4	6026	4.0%	Mozilla/5.0 (compatible; Bingbot/2.0; http://www.bing.com/bingbot.htm)
5	5520	3.7%	Mozilla/5.0 (Mac OS X; U; OS X; AppleWebKit/537.31 (KHTML, like Gecko) Version/6.0 Safari/537.31
6	4846	3.2%	Mozilla/5.0 (Windows NT 6.1; WOW64; AppleWebKit/537.31 (KHTML, like Gecko) Chrome/26.0.1410.64 Safari/537.31
7	4204	2.8%	Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/6.0; .NET4.0E; .NETFramework/4.0.9072.2; .NET CLR 3.5.30729.3; InfoPath.3)
8	4191	2.8%	Mozilla/5.0 (Windows; U; OS X; AppleWebKit/537.31 (KHTML, like Gecko) Version/6.0 Safari/537.31 Mobile/9U
9	4157	2.8%	Mozilla/5.0 (compatible; Yahoo! Slurp/3.0; http://help.yahoo.com/help/us/ysearch/slurp)
10	4136	2.8%	Mozilla/5.0 (compatible; MSNbot-Media/1.0; Windows NT 6.1; WOW64; Trident/6.0)
11	3975	2.6%	Mozilla/5.0 (compatible; Googlebot/2.1; http://www.google.com/bot.html)
12	2760	1.8%	Mozilla/5.0 (Windows; U; OS X; AppleWebKit/537.31 (KHTML, like Gecko) Version/6.0 Safari/537.31
13	2443	1.6%	Mozilla/5.0 (compatible; MSNbot-Media/1.0; Windows NT 6.1; Trident/6.0)
14	2384	1.6%	Mozilla/5.0 (Windows; U; OS X; AppleWebKit/537.31 (KHTML, like Gecko) Version/6.0 Safari/537.31
15	2148	1.4%	Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/6.0; .NET4.0E; .NETFramework/4.0.9072.2; .NET CLR 3.5.30729.3; InfoPath.3)

View All User Agents



Top 4 of 92 Total Locations

#	Count	Percentage	IP Count	ASN Count	ASN	Location
1	117247	77.5%	2210418	0	0	Non-Profit Organization
2	79015	5.2%	2226522	1	50	France
3	57345	3.8%	1340823	0	0	US Commercial
4	18829	1.2%	1745231	0	0	United States

5	4018	1.38%	3765	2.19%	139129	0.88%	0	0.00%	0	0.00%	China
6	3614	1.24%	3448	2.00%	28994	0.18%	0	0.00%	0	0.00%	Germany
7	2917	1.00%	2778	1.61%	78230	0.50%	0	0.00%	0	0.00%	Unresolved/Unknown
8	1048	0.36%	799	0.46%	28804	0.18%	0	0.00%	0	0.00%	US Educational
9	509	0.17%	466	0.27%	25502	0.16%	0	0.00%	0	0.00%	India
10	410	0.14%	408	0.24%	10997	0.07%	0	0.00%	0	0.00%	Ukraine
11	333	0.11%	316	0.18%	67856	0.43%	0	0.00%	0	0.00%	Russian Federation
12	284	0.10%	280	0.16%	5734	0.04%	0	0.00%	0	0.00%	Canada
13	267	0.09%	256	0.15%	8995	0.06%	0	0.00%	0	0.00%	Japan
14	247	0.08%	232	0.13%	3557	0.02%	0	0.00%	0	0.00%	Italy
15	240	0.08%	229	0.13%	10235	0.06%	0	0.00%	0	0.00%	Czech Republic
16	221	0.08%	203	0.12%	2345	0.01%	0	0.00%	0	0.00%	France
17	194	0.07%	175	0.10%	3061	0.02%	0	0.00%	0	0.00%	US Government
18	192	0.07%	183	0.11%	1847	0.01%	0	0.00%	0	0.00%	Sweden
19	154	0.05%	146	0.08%	2511	0.02%	0	0.00%	0	0.00%	Brazil
20	138	0.05%	127	0.07%	5101	0.03%	0	0.00%	0	0.00%	Greece
21	106	0.04%	102	0.06%	1001	0.01%	0	0.00%	0	0.00%	Netherlands
22	98	0.03%	80	0.05%	2954	0.02%	0	0.00%	0	0.00%	US Military
23	98	0.03%	95	0.06%	4366	0.03%	0	0.00%	0	0.00%	Turkey
24	93	0.03%	40	0.02%	719	0.00%	0	0.00%	0	0.00%	Great Britain (UK)
25	90	0.03%	38	0.02%	459	0.00%	0	0.00%	0	0.00%	United Kingdom
26	63	0.02%	57	0.03%	663	0.00%	0	0.00%	0	0.00%	Dominican Republic
27	62	0.02%	58	0.03%	661	0.00%	0	0.00%	0	0.00%	Indonesia
28	62	0.02%	59	0.03%	717	0.00%	0	0.00%	0	0.00%	Ireland
29	56	0.02%	54	0.03%	1529	0.01%	0	0.00%	0	0.00%	Bulgaria
30	55	0.02%	51	0.03%	489	0.00%	0	0.00%	0	0.00%	Viet Nam