OSHTEMO CHARTER TOWNSHIP BOARD
7275 West Main Street
Kalamazoo, MI 49009
269.375.4260

October 27, 2015

PUBLIC COMMENT SESSION
6:00 p.m.
AGENDA

A. Call to Order
B. Public Comment
C. Annual Discussion with the Kalamazoo County Road Commission at 5:30 pm
D. Introduction of Township Assessor
E. Discussion on Sanitary Sewer (ongoing)
F. Other Business

REGULAR MEETING
7:00 p.m.
AGENDA

1. Call to Order

2. Pledge of Allegiance

3. Citizen Comments on Non-Agenda Items

4. Consent Agenda
   a. Approve Minutes October 13th, 2015, Regular Meeting
   b. Receipts & Disbursements Report
   c. Update on Parks Capital Campaign
   d. Update on Greenways Corridor Planning

5. Presentation to Retired Firefighter Scott Paddock (Reka M. Holley, Legislative Director for Representative Brandt Iden)

6. Consideration of Audio-Visual Upgrades in Board Room & in Fire House 2

7. Consideration of Public Informational Sign Ordinance – Second Reading

8. Consideration of Water Connection Ordinance – First Reading

9. Consideration of Rezoning Request on North 7th Street in Township Section 10 from Agriculture to Rural Residential – Second Reading

10. Other Township Business

11. Board Member Comments

12. Adjournment

Policy for Public Comment
Township Board Regular Meetings, Planning Commission & ZBA Meetings

All public comment shall be received during one of the following portions of the Agenda of an open meeting:

a. Citizen Comment on Non-Agenda Items or Public Comment – while this is not intended to be a forum for dialogue and/or debate, if a citizen inquiry can be answered succinctly and briefly, it will be addressed or it may be delegated to the appropriate Township Official to respond at a later date.

b. After an agenda item is presented by staff and/or an applicant, public comment will be invited. At the close of public comment there will be board discussion prior to call for a motion.

Anyone wishing to make a comment will be asked to come to the podium to facilitate the audio/visual capabilities of the meeting room. Speakers will be invited to provide their name; it is not required unless the speaker wishes to have their comment recorded in the minutes.

All public comment offered during public hearings shall be directed, and relevant, to the item of business on which the public hearing is being conducted. Comment during the Public Comment or Citizen Comment on Non-Agenda Items may be directed to any issue.

All public comment shall be limited to four (4) minutes in duration unless special permission has been granted in advance by the Supervisor or Chairperson of the meeting.

Public comment shall not be repetitive, slanderous, abusive, threatening, boisterous, or contrary to the orderly conduct of business. The Supervisor or Chairperson of the meeting shall terminate any public comment which is in contravention of any of the principles and procedures set forth herein.

(adopted 5/9/2000)
(revised 5/14/2013)

Policy for Public Comment
6:00 p.m. "Public Comment"/Portion of Township Board Meetings

At the commencement of the meeting, the Supervisor shall poll the members of the public who are present to determine how many persons wish to make comments. The Supervisor shall allocate maximum comment time among persons so identified based upon the total number of persons indicating their wish to make public comments, but no longer than ten (10) minutes per person. Special permission to extend the maximum comment time may be granted in advance by the Supervisor based upon the topic of discussion.

While this is not intended to be a forum for dialogue and/or debate, if a citizen inquiry can be answered succinctly and briefly, it will be addressed or it may be delegated to the appropriate Township Official to respond at a later date.

Anyone wishing to make a comment will be asked to come to the podium to facilitate the audio/visual capabilities of the meeting room. Speakers will be invited to provide their name; it is not required unless the speaker wishes to have their comment recorded in the minutes.

Public comment shall not be repetitive, slanderous, abusive, threatening, boisterous, or contrary to the orderly conduct of business. The Supervisor shall terminate any public comment which is in contravention of any of the principles and procedures set forth herein.

(adopted 2/27/2001)
(revised 5/14/2013)

4b

RECEIPTS & DISBURSEMENTS
** GENERAL, FIRE, SEWER & WATER FUNDS **

RECEIPTS 10/01/2015 thru 10/20/2015

Admin Site Plan/Village Square	250.00
Spec Ex Use/Site Plan/Gesmundo	900.00
Site Condo App	200.00
Admin Site Plan/Menards	250.00
Admin Site Plan/Keen Enterprises	250.00
Land Division/Sami	150.00
ZBA Request/SWMLC	500.00
Zoning Verification/JCL	50.00
Planning Escrow/Village Square	250.00
Planning Escrow/Gesmundo	1,000.00
Planning Escrow/Visser	1,000.00
Planning Escrow/Menards	500.00
Sign Permits	350.00
Zoning Maps/Books	8.00
Copies	3.75
Ordinance/Parking Violations	120.00
Sidewalk Permits/Inspections	200.00
Grange Rental	455.00
OCC Rental	325.00
Park Pavilion Rental	50.00
Grant Reimbursement/Flesher Field	16,675.46
Grave Sales	450.00
Grave Openings	2,080.00
Foundations	1,551.60
IFT Application/Woodsmiths	500.00
Sale of FD Grass Truck	6,800.00
KABA Start Up Reimbursement	4,338.00
AFLAC/Lorenz	189.06
Water Receipts	11,675.00
Sewer Receipts	10,000.00
Total	**61,070.87**

DISBURSEMENTS

10/14/2015	Payroll/Office/PC/ZBA	35,447.45
10/16/2015	Payables	89,613.30
	Total	**125,060.75**

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
aflac	Aflac	10/12/2015	012649	GEN	extra insurance	
90046224	Attn: Remittance Processing Service	10/16/2015		N		1,139.46
	1932 Wynnton Rd					
	Columbus GA, 31999-0797	/ /	0.0000	N		0.00
		10/16/2015		N		1,139.46

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-000-26700	AFLAC Insurance	284.38
206-000-26700	AFLAC Insurance	855.08
		1,139.46

VENDOR TOTAL: 1,139.46

apexcont	Apex Contractors, Inc.	10/14/2015	#1	GEN	GRANGE HALL PLAYGROUND CONSTRUCTION	
90046290	4101 27th Street	10/16/2015	000007740	N		19,260.00
	Dorr MI, 49323-0010	/ /	0.0000	N		0.00
		10/16/2015		N		19,260.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-98200.GRNG15	GRANGE HALL PLAYGROUND CONSTRUCTION	19,260.00	19,260.00

VENDOR TOTAL: 19,260.00

att	AT&T	10/14/2015	269381851210	GEN	drake house phone	
90046264	PO Box 5080	10/16/2015		N		84.06
	Carol Stream IL, 06197-5080	/ /	0.0000	N		0.00
		10/16/2015		N		84.06

Paid

GL NUMBER	DESCRIPTION	AMOUNT
107-756-98100	Capital Outlay/Drake House	84.06

VENDOR TOTAL: 84.06

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
bwd	Best Way Disposal	10/12/2015	058457	GEN	porta potty	
90046226	2314 Miller Rd	10/16/2015		N		90.00
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		90.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT
107-756-93100	Maintenance Services	90.00

bwd	Best Way Disposal	10/12/2015	26799	GEN	dump day 09262015	
90046225	2314 Miller Rd	10/16/2015		N		3,870.05
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		3,870.05

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-249-95900	Trash Collection	3,870.05

bwd	Best Way Disposal	10/12/2015	28222	GEN	garbage thru 01312015	
90046227	2314 Miller Rd	10/16/2015		N		895.04
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		895.04

Paid

GL NUMBER	DESCRIPTION	AMOUNT
107-756-93100	Maintenance Services	290.50
206-340-93100	Building Maintenance	185.50
101-218-93100	Maintenance Services	335.50
107-756-93100	special pick up	27.84
206-340-93100	special pick up	27.84
101-218-93100	special pick up	27.86
		895.04

VENDOR TOTAL: 4,855.09

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
bronson	Bronson Healthcare Group	10/14/2015	10042015	GEN	NEW HIRES/DRUG SCREEN	
90046265		10/16/2015	000007732	N		214.00
	PO Box 771904					
	Detroit MI, 48277-1904	/ /	0.0000	N		0.00
		10/16/2015		N		214.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-72800	NEW HIRES/DRUG SCREEN	214.00	214.00

VENDOR TOTAL: 214.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
cwc	Canney's Water Conditioning	10/12/2015	72176TE	GEN	salt - water conditioner	
90046228	3712 Miller Rd	10/16/2015		N		11.60
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		11.60
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
206-340-72800	Supplies	11.60

VENDOR TOTAL: 11.60

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
ce-sl	Consumers Energy	10/12/2015	202783656947	GEN	street lights	
90046230	Payment Center	10/16/2015		N		10,166.76
	PO Box 740309					
	Cincinnati OH, 45274-0309	/ /	0.0000	N		0.00
		10/16/2015		N		10,166.76
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
101-506-92600	Street Lighting	10,166.76

VENDOR TOTAL: 10,166.76

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
conlife	Consumers Life Insurance Company	10/12/2015	016933976-9	GEN	life / ad&d	
90046231		10/16/2015		N		302.24
	PO Box 951914					
	Cleveland OH, 44193	/ /	0.0000	N		0.00
		10/16/2015		N		302.24

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-234-71600	Health & Life Insurance	184.50
206-336-71600	Health & Life Insurance	117.74
		302.24

VENDOR TOTAL: 302.24

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
cts	CTS Telecom Inc.	10/12/2015	10012552	GEN	telephone	
90046229	13800 E Michigan	10/16/2015		N		707.88
	Galesburg MI, 49053	/ /	0.0000	N		0.00
		10/16/2015		N		707.88

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-249-85300	Telephone	471.68
206-340-85300	Telephone	236.20
		707.88

VENDOR TOTAL: 707.88

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
dw	Dan Wood	10/14/2015	176802	GEN	REPLACE WATER TANK STATION 5-3 (GRANGE)	
90046291	3950 E Milham Ave	10/16/2015	000007746	N		889.16
	Portage MI, 49002	/ /	0.0000	N		0.00
		10/16/2015		N		889.16

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-93100	REPLACE WATER TANK	622.41	622.41
206-340-93100	REPLACE WATER TANK	266.75	266.75
		889.16	889.16

VENDOR TOTAL: 889.16

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
borak	David E Borak, MAI	10/14/2015	10012015	GEN	ANALYSIS OF PETITIONER'S MENARDS APPRAI	
90046269	1345 Monroe Ave NW	10/16/2015	000007711	N		1,950.00
	Suite 213					
	Grand Rapids MI, 49505	/ /	0.0000	N		0.00
		10/16/2015		N		1,950.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-805-82600	ANALYSIS OF PETITIONER'S MENARDS APPRAIS	1,950.00	1,950.00

VENDOR TOTAL: 1,950.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
evp	Emergency Vehicle Products	10/14/2015	8593	GEN	MAP BOX FOR CAR 500	
90046271	2975 Interstate Pkwy	10/16/2015	000007727	N		256.70
	Kalamazoo MI, 49048-9600	/ /	0.0000	N		0.00
		10/16/2015		N		256.70

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
211-344-97600	MAP BOX	256.70	256.70

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
evp	Emergency Vehicle Products	10/14/2015	8616	GEN	REPLACE 532 MASTER RELAYS	
90046270	2975 Interstate Pkwy	10/16/2015	000007719	N		541.04
	Kalamazoo MI, 49048-9600	/ /	0.0000	N		0.00
		10/16/2015		N		541.04

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-86700	REPLACE 532 MASTER RELAYS	541.04	541.04

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
evp	Emergency Vehicle Products	10/14/2015	8631	GEN	582 HIGH IDLE ISSUE	
90046292	2975 Interstate Pkwy	10/16/2015	000007758	N		4,650.60
	Kalamazoo MI, 49048-9600	/ /	0.0000	N		0.00
		10/16/2015		N		4,650.60

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-86700	582 HIGH IDLE ISSUE	4,650.60	4,650.60

VENDOR TOTAL: 5,448.34

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
eps	Engineered Protections Systems, Inc	10/12/2015	a695081	GEN	video service - twp	
90046233	750 Front NW	10/16/2015		N		117.21
	Suite 200					
	Grand Rapids MI, 49504-4400	/ /	0.0000	N		0.00
		10/16/2015		N		117.21

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-218-93100	Maintenance Services	117.21

eps	Engineered Protections Systems, Inc	10/12/2015	a695271	GEN	alarm system h3	
90046232	750 Front NW	10/16/2015		N		101.34
	Suite 200					
	Grand Rapids MI, 49504-4400	/ /	0.0000	N		0.00
		10/16/2015		N		101.34

Paid

GL NUMBER	DESCRIPTION	AMOUNT
206-340-93100	Building Maintenance	101.34

VENDOR TOTAL: 218.55

fastenal	Fastenal	10/14/2015	mika155799	GEN	SCREW AND NUTS FOR PLAYGROUND	
90046293	PO Box 1286	10/16/2015	000007747	N		3.86
	Winona MN, 55987-1286	/ /	0.0000	N		0.00
		10/16/2015		N		3.86

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76000	SCREW AND NUTS FOR PLAYGROUND	3.86	3.86

VENDOR TOTAL: 3.86

genco	Genco Fire Equipment LLC	10/14/2015	5	GEN	SCBA BRACKET FOR 501	
90046272	453 Clement Lane	10/16/2015	000007728	N		286.00
	Orange CT, 06477	/ /	0.0000	N		0.00
		10/16/2015		N		286.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
211-344-98000	45 MINUTE BOTTLE BRACKET FOR 501	261.00	261.00
211-344-98000	SHIPPING	25.00	25.00
		286.00	

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
					VENDOR TOTAL:	286.00
ger	General Equiptment Rental	10/14/2015	181	GEN	RENT POST HOLE AUGER	
90046294	6831 West Main	10/16/2015	000007743	N		34.00
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		34.00
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
107-756-72800	RENT POST HOLE AUGER				34.00 / 34.00	
					VENDOR TOTAL:	34.00
genzink	Genzink Appraisal Company	10/14/2015	belle tire	GEN	APPRAISAL SERVICES RE BELLE TIRE TAX AP	
90046273	1009 44TH STREET, SW	10/16/2015	000007712	N		3,132.30
	SUITE 107					
	WYOMING MI, 49509-4480	/ /	0.0000	N		0.00
		10/16/2015		Y		3,132.30
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
101-209-80700	APPRAISAL SERVICES RE BELLE TIRE TAX APP				3,132.30 / 3,132.30	
					VENDOR TOTAL:	3,132.30
iron	Iron Mountain	10/14/2015	lwd2364	GEN	STORAGE FEE FOR OCT. 2015	
90046274	PO Box 27128	10/16/2015	000007722	N		161.37
	New York NY, 10087-7128	/ /	0.0000	N		0.00
		10/16/2015		N		161.37
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
101-250-95500	OCT, 2015 STORAGE FEE				161.37 / 161.37	
					VENDOR TOTAL:	161.37

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
johnston	Julie Johnston	10/14/2015	10162015	GEN	map conf expenses	
90046275		10/16/2015		N		375.00
	,	/ /	0.0000	N		0.00
		10/16/2015		N		375.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-805-95800	Education/Dues	375.00

VENDOR TOTAL: 375.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kcfca	Kal County FIre Chiefs Assoc	10/14/2015	2015-co-1	GEN	OFFICER PROGRAM CLASSES	
90046295	7275 West Main	10/16/2015	000007760	N		1,540.00
	Attn Mark Barnes					
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		1,540.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-336-95900	INCIDENT SAFETY OFFICER CLASS	210.00	210.00
206-336-95900	EDUCATIONAL METHODOLOGY	210.00	210.00
206-336-95900	PREPARATION FOR INITIAL COMPANY OPERATIO	160.00	160.00
206-336-95900	MANAGING INITIAL COMPANY OPERATIONS	160.00	160.00
206-336-95900	STRATEGY & TACTICS FOR INITIAL CO OPS	160.00	160.00
206-336-95900	COMPANY OFFICER I & II	640.00	640.00
		1,540.00	1,540.00

VENDOR TOTAL: 1,540.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kcityt-w	Kalamazoo City Treasurer	10/12/2015	09142015	GEN	water	
90046234	415 E Stockbridge	10/16/2015		N		361.35
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		361.35

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-218-92000	Water - twp	133.75
206-340-92000	Water	191.58
107-756-98100	Capital Outlay/Drake House	36.02
		361.35

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kcityt-w	Kalamazoo City Treasurer	10/14/2015	10062015	GEN	water - parks	
90046276	415 E Stockbridge	10/16/2015		N		254.34
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		254.34

Paid

GL NUMBER	DESCRIPTION	AMOUNT
107-756-92000	Water - parks	254.34

VENDOR TOTAL: 615.69

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kcrc	Kalamazoo County Road Commission	10/12/2015	51209	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046254	3801 E Kilgore Rd	10/16/2015	000006926	N		3,913.86
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		3,913.86

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	BLANKET	3,913.86	3,913.86

kcrc	Kalamazoo County Road Commission	10/12/2015	51210	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046255	3801 E Kilgore Rd	10/16/2015	000006927	N		61.11
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		61.11

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	BLANKET	61.11	61.11

kcrc	Kalamazoo County Road Commission	10/12/2015	51211	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046256	3801 E Kilgore Rd	10/16/2015	000006928	N		61.11
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		61.11

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	BLANKET	61.11	28,821.11

kcrc	Kalamazoo County Road Commission	10/12/2015	51212	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046259	3801 E Kilgore Rd	10/16/2015	000006929	N		(86.36)
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		(86.36)

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	Road Project Costs	(86.36)	6,075.65

kcrc	Kalamazoo County Road Commission	10/12/2015	51213	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046257	3801 E Kilgore Rd	10/16/2015	000006930	N		45.84
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		45.84

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	BLANKET	45.84	6,585.67

BANK CODE: GEN

Vendor Code Ref #	Vendor name Address City/State/Zip	Post Date CK Run Date Disc. Date Due Date	Invoice PO Disc. %	Bank Hold Sep CK 1099	Invoice Description	Gross Amount Discount Net Amount
kcrc	Kalamazoo County Road Commission	10/12/2015	51214	GEN	2015 LOCAL ROAD PROJECT CONTRACT	
90046258	3801 E Kilgore Rd	10/16/2015	000006931	N		122.23
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		122.23
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-506-95200	BLANKET	122.23	24,081.22

VENDOR TOTAL: 4,117.79

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kct	Kalamazoo County Treasurer	10/12/2015	092815	GEN	MAPLE HILL LEASEHOLDS MTT JUDGEMENT	
90046235	201 West Kalamazoo Ave	10/16/2015	000007706	N		7,015.60
	Kalamazoo MI, 49007	/ /	0.0000	Y		0.00
		10/16/2015		N		7,015.60

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-96100	TWSP 2014 TAXES	1,052.71	1,052.71
206-340-96100	FIRE 2014 TAXES	2,156.08	2,156.08
211-344-96100	FIRE EQUIPMENT 2014 TAXES	539.02	539.02
101-506-92600	POLICE 2014 TAXES	2,695.10	2,695.10
101-249-96100	ADM FEE 2014 TAXES	42.38	42.38
101-249-96100	MTT INTEREST	206.90	206.90
101-249-96100	LIGHTS	323.41	323.41
		7,015.60	

kct	Kalamazoo County Treasurer	10/12/2015	092815	GEN	WM LIMITED MTT JUDGEMENT	
90046237	201 West Kalamazoo Ave	10/16/2015	000007705	N		814.42
	Kalamazoo MI, 49007	/ /	0.0000	Y		0.00
		10/16/2015		N		814.42

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-96100	TWSP 2014 TAXES	122.76	122.76
206-340-96100	FIRE 2014 TAXES	251.43	251.43
211-344-96100	FIRE EQUIPMENT 2014 TAXES	62.86	62.86
101-506-92600	POLICE 2014 TAXES	314.29	314.29
101-249-96100	ADM FEE 2014 TAXES	4.95	4.95
101-249-96100	MTT INTEREST	20.42	20.42
101-249-96100	LIGHTS	37.71	37.71
		814.42	

kct	Kalamazoo County Treasurer	10/12/2015	100215	GEN	2015 JULY BOARD OF REVIEW CHANGE	
90046236	201 West Kalamazoo Ave	10/16/2015	000007707	N		39.77
	Kalamazoo MI, 49007	/ /	0.0000	Y		0.00
		10/16/2015		N		39.77

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-96100	TWSP 2014 TAXES	9.47	9.47
206-340-96100	FIRE 2014 TAXES	4.85	4.85
211-344-96100	FIRE EQUIPMENT 2014 TAXES	19.40	19.40
101-506-92600	POLICE 2014 TAXES	4.85	4.85

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
101-249-96100	ADM FEE 2014 TAXES				1.20	1.20
					39.77	
kct	Kalamazoo County Treasurer	10/14/2015	10052015	GEN	2015 JULY BOARD OF REVIEW CHANGE FOR PR	
90046277	201 West Kalamazoo Ave	10/16/2015	000007708	N		10.05
	Kalamazoo MI, 49007	/ /	0.0000	Y		0.00
		10/16/2015		N		10.05
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-96100	BOR/MTT Refunds	0.20	0.20
101-249-96100	ADM FEE 2014 TAXES	9.85	6.85
		10.05	

kct	Kalamazoo County Treasurer	10/14/2015	burke	GEN	RECORD BURKE ACKNOWLED OF ZONING RESTRI	
90046296	201 West Kalamazoo Ave	10/16/2015	000007756	N		17.00
	Kalamazoo MI, 49007	/ /	0.0000	Y		0.00
		10/16/2015		N		17.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-805-82600	RECORD BURKE 2 PAGE ACKNOWLEDG OF ZON RE	17.00	17.00

VENDOR TOTAL: 7,896.84

ko	Kalamazoo Oil Company	10/12/2015	1958-1527301	GEN	fuel - twp vehicles	
90046238		10/16/2015		N		190.77
	2601 N. Burdick Street					
	Kalamazoo MI, 49007-1874	/ /	0.0000	N		0.00
		10/16/2015		N		190.77
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
206-340-86800	Fuel	25.05
101-249-86800	Fuel, Oil & Grease	58.46
107-756-86800	Fuel, Oil & Grease	57.37
101-218-86800	Fuel, Oil & Grease	49.89
		190.77

VENDOR TOTAL: 190.77

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
ke	Kerwin Electric	10/14/2015	41065	GEN	REPAIR OFFICE LIGHTS	
90046297	7930 S. 8th Street	10/16/2015	000007744	N		1,262.00
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		1,262.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-218-93100	REPAIR OFFICE LIGHTS	1,262.00	1,262.00

VENDOR TOTAL: 1,262.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
biddle	Kristine Biddle	10/14/2015	10162015	GEN	conf expenses	
90046266	1416 Kelvere Avenue	10/16/2015		N		338.63
	Portage MI, 49024	/ /	0.0000	N		0.00
		10/16/2015		N		338.63
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
101-209-87000	Mileage	234.60
101-209-97000	104.03	104.03
		338.63

VENDOR TOTAL: 338.63

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kss	KSS Enterprises	10/14/2015	946548	GEN	PAPER AND CLEANING SUPPLIES	
90046299	616 E Vine Street	10/16/2015	000007741	N		249.47
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		249.47

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76600	LINER BANDS	30.24	30.24
107-756-76600	FOAMING SOAP	69.97	69.97
107-756-76600	PROPIETARY BROWN TOWELS	127.50	127.50
206-340-93100	TRIGGER SPRAYERS	21.76	21.76
		249.47	249.47

kss	KSS Enterprises	10/14/2015	947505	GEN	SPRAYER BOTTLES	
90046300	616 E Vine Street	10/16/2015	000007748	N		9.12
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		9.12

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-93100	SPRAYER BOTTLES	9.12	9.12

kss	KSS Enterprises	10/14/2015	948254	GEN	GRAFFITI REMOMVER	
90046298	616 E Vine Street	10/16/2015	000007736	N		28.76
	Kalamazoo MI, 49001	/ /	0.0000	N		0.00
		10/16/2015		N		28.76

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76600	GRAFFITI REMOVER	28.76	28.76

VENDOR TOTAL: 287.35

brown-1	Lois Brown	10/14/2015	10162015	GEN	retiree health reimbusment	
90046267	23039 Paulson	10/16/2015		N		868.03
	Gobles MI, 49055	/ /	0.0000	N		0.00
		10/16/2015		N		868.03

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-000-08300	Due From Retiree Medical Trust Fund	868.03

VENDOR TOTAL: 868.03

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
lowes	Lowe's Home Center	10/12/2015	913681	GEN	WATER FILTERS	
90046239		10/16/2015	000007614	N		85.50
	PO Box 530954					
	Atlanta GA, 30353-0954	/ /	0.0000	N		0.00
		10/16/2015		N		85.50
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-93100	WATER FILTER FOR 5-1, 5-2	85.50	85.50

VENDOR TOTAL: 85.50

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
menards	Menards	10/12/2015	93290	GEN	32 REPLACEMENT CEILING TILES FOR STATIO	
90046242	6800 West Main Street	10/16/2015	000007474	N		91.20
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		91.20

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
211-344-98000	CEILING TILES FOR STATION 5-2	91.20	91.20

menards	Menards	10/12/2015	93295	GEN	SUPPLIES FOR FIRE DEPARTMENT EQUIPMENT	
90046241	6800 West Main Street	10/16/2015	000007468	N		62.68
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		62.68

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-72800	PVC PIPE	19.90	19.90
206-340-72800	2X8 WOOD	21.45	21.45
206-340-72800	SCH40 TEE	15.84	15.84
206-340-72800	BOX OF SCREWS	5.49	5.49
		62.68	

menards	Menards	10/14/2015	97905	GEN	WASP SPRAY	
90046306	6800 West Main Street	10/16/2015	000007755	N		9.36
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		9.36

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76600	WASP SPRAY	9.36	18.72

menards	Menards	10/14/2015	98867	GEN	TRAILER PAINT AND SUPPLIES	
90046304	6800 West Main Street	10/16/2015	000007751	N		31.52
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		31.52

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-218-76000	TRAILER PAINT BRUSHES AND LAG SCREWS	31.52	31.52

menards	Menards	10/12/2015	99105	GEN	BUILDING SUPPLIES FOR FIRE DEPARTMENT T	
90046243	6800 West Main Street	10/16/2015	000007690	N		344.18
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		344.18

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
206-340-76000	BUILDING SUPPLIES				344.18 / 344.18	
menards	Menards	10/12/2015	99111	GEN	BUIDLING SUPPLIES FOR FIRE DEPARTMENT T	
90046244	6800 West Main Street	10/16/2015	000007689	N		48.54
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		48.54
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
206-340-76000	BUILDING SUPPLIES				48.54 / 48.54	
menards	Menards	10/14/2015	99296	GEN	D BATTERIES FOR SMOKE MACHINE	
90046305	6800 West Main Street	10/16/2015	000007726	N		11.97
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		11.97
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
206-340-76000	8 D CELL BATTERIES (PACKAGE OF 8)				11.97 / 11.97	
menards	Menards	10/12/2015	99381	GEN	SUPPLIES FOR RETIREMENT PRESENTATION TO	
90046240	6800 West Main Street	10/16/2015	000007678	N		8.62
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		8.62
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
206-340-72800	AMAZING GOOP				2.98 / 2.98	
206-340-72800	HEX NUT				0.89 / 0.89	
206-340-72800	CMB TRS HD MAC				0.78 / 0.78	
206-340-72800	GLASS TREATMENT				3.97 / 3.97	
					8.62	
menards	Menards	10/14/2015	99462	GEN	TIES FOR FENCE, LAGS FOR SIGNS	
90046303	6800 West Main Street	10/16/2015	000007749	N		13.98
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		13.98
Paid						
GL NUMBER	DESCRIPTION				AMOUNT / AMT RELIEVED	
107-756-76000	TIES FOR FENCE, LAGS FOR SIGNS				13.98 / 13.98	

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
menards	Menards	10/14/2015	99500	GEN	POSTS, RAGS, THINNER, BRUSH AND CO ALAR	
90046301	6800 West Main Street	10/16/2015	000007742	N		83.04
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		83.04

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76000	RAGS, WIRE BRUSH, AND THINNER	21.17	21.17
107-756-76000	CO ALARM	29.99	29.99
107-756-76000	SIGN POSTS	31.88	31.88
		83.04	

menards	Menards	10/14/2015	99947	GEN	HINGES, SPACKLE AND SCREWS	
90046302	6800 West Main Street	10/16/2015	000007738	N		13.10
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		13.10

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76000	HINGES	8.43	8.43
101-218-76000	SCREWS AND SPACKLE	4.67	4.67
		13.10	

VENDOR TOTAL: 718.19

msc	Miner Supply Co., Inc.	10/14/2015	453988	GEN	TRASH LINERS	
90046307		10/16/2015	000007752	N		117.32
	922 47th Street SW					
	Wyoming MI, 49509	/ /	0.0000	N		0.00
		10/16/2015		N		117.32

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-76600	60 GAL LINERS	73.52	73.52
206-340-93100	33 GAL LINERS	43.80	43.80
		117.32	

VENDOR TOTAL: 117.32

BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
kg	MLive Media Group	10/14/2015	09302015	GEN	legal notices	
90046278	Dept 77571	10/16/2015		N		1,575.14
	PO Box 77000					
	Detroit MI, 48277-0571	/ /	0.0000	N		0.00
		10/16/2015		N		1,575.14

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-249-90300	Legal Notices	67.51
101-805-90300	Legal Notices	1,507.63
		1,575.14

VENDOR TOTAL: 1,575.14

mfe	Moses Fire Equipment	10/14/2015	r15038	GEN	TURNOUT GEAR REPAIRS	
90046279	PO Box 690	10/16/2015	000007725	N		384.50
	Lawrence MI, 49064-0690	/ /	0.0000	N		0.00
		10/16/2015		N		384.50

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-76600	TURNOUT GEAR REPAIRS	384.50	384.50

VENDOR TOTAL: 384.50

mrc	MRC Industries, Inc.	10/14/2015	47871	GEN	cleaning - sept	
90046280	2538 South 26th Street	10/16/2015		N		1,175.97
	Kalamazoo MI, 49048	/ /	0.0000	N		0.00
		10/16/2015		N		1,175.97

Paid

GL NUMBER	DESCRIPTION	AMOUNT
206-340-93100	Building Maintenance	130.66
101-218-93100	Maintenance Services	522.65
107-756-93100	Maintenance Services	522.66
		1,175.97

VENDOR TOTAL: 1,175.97

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
mls	Mulders Landscape Supplies	10/14/2015	434082	GEN	8 X 90 CURLEX NET FOR PARK	
90046281	3333 Ravine Rd	10/16/2015	000007709	N		53.40
	Kalamazoo MI, 49006	/ /	0.0000	N		0.00
		10/16/2015		N		53.40
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-72800	8 X 90 CURLEX NET FOR PARK	53.40	53.40

VENDOR TOTAL: 53.40

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
n&s	Niewoonder & Sons, Inc	10/12/2015	27804	GEN	SEASONAL CONTRACT FOR CEMETERY MOWING	
90046245	2319 N Drake	10/16/2015	000007177	N		1,337.14
	Kalamazoo MI, 49006	/ /	0.0000	N		0.00
		10/16/2015		N		1,337.14
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-218-93100	SEASONAL MOWING, TRIM OF (3) CEMETERIES	1,337.14	1,337.14

VENDOR TOTAL: 1,337.14

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
ocba	OCBA, Inc	10/14/2015	51504.01-6	GEN	DRAKE FARMSTEAD MASTER PLAN	
90046308	521 S Riverview Dr	10/16/2015	000007174	N		2,598.23
	Kalamazoo MI, 49004	/ /	0.0000	N		0.00
		10/16/2015		N		2,598.23
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
107-756-80800	DRAKE FARMSTEAD MASTER PLAN	2,598.23	2,598.23

VENDOR TOTAL: 2,598.23

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
osh	Oshtemo Township	10/12/2015	3rd qtr	GEN	support staff	
90046246	7275 West Main Street	10/16/2015		N		500.00
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		500.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
900-728-70300	Salary-Staff	500.00

osh	Oshtemo Township	10/12/2015	3rd qtr	GEN	attorney fees	
90046247	7275 West Main Street	10/16/2015		N		142.50
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		142.50
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
900-728-82600	Legal Fees	142.50

VENDOR TOTAL: 642.50

p&n	Prein & Newhof	10/14/2015	various	GEN	engineering fees	
90046282	3355 Evergreen Drive NE	10/16/2015		N		2,196.55
	Grand Rapids MI, 49525	/ /	0.0000	N		0.00
		10/16/2015		N		2,196.55
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
101-209-82000	Engineering Fees	1,402.50
490-000-82000	Engineering Fees	794.05
		2,196.55

VENDOR TOTAL: 2,196.55

rise	RI Stafford Excavating	10/12/2015	1734	GEN	grave openings	
90046248	PO Box 754	10/16/2015		N		1,650.00
	Richland MI, 49083	/ /	0.0000	N		0.00
		10/16/2015		Y		1,650.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
101-218-80800	Contracted Grave Openings	1,650.00

VENDOR TOTAL: 1,650.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
MISC	Richard Callen	10/14/2015	10112015	GEN	rental deposit refund	
90046268	7540 N Ave	10/16/2015		N		175.00
	Kalamazoo MI, 49009	/ /	0.0000	Y		0.00
		10/16/2015		N		175.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT
101-000-24800	Rent Deposits	175.00

VENDOR TOTAL: 175.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
ridge	Ridge Napa Auto Parts	10/12/2015	253462	GEN	OIL DRY FOR FIRE DEPARTMENT	
90046252	1655 South Drake St	10/16/2015	000007699	N		116.85
	Kalamazoo MI, 49006	/ /	0.0000	N		0.00
		10/16/2015		N		116.85

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-72800	OIL DRY	116.85	116.85

VENDOR TOTAL: 116.85

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
s&t	S & T Lawn Service	10/14/2015	12315	GEN	DDA LAWN MAINT/OCC	
90046283	3393 South 6th Street	10/16/2015	000007228	N		248.00
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		248.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
900-728-93300	BLANKET PO/DDA LAWN MAINT/OCC	248.00	248.00

VENDOR TOTAL: 248.00

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
secant	Secant Technologies	10/12/2015	62306	GEN	computer support	
90046249	6395 Technology Ave	10/16/2015		N		2,110.66
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		2,110.66

Paid

GL NUMBER	DESCRIPTION	AMOUNT
206-340-80900	Computer Operations	1,155.33
101-201-80500	Computer Support	955.33
		2,110.66

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
					VENDOR TOTAL:	2,110.66
sc	Siegfried Crandall	10/14/2015	86840	GEN	computer support	
90046284	246 E Kilgore Rd	10/16/2015		N		3,334.61
	Kalamazoo MI, 49002-5599	/ /	0.0000	N		0.00
		10/16/2015		N		3,334.61
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
206-340-80900	Computer Operations	120.00
101-201-80500	Computer Support	3,214.61
		3,334.61

sc	Siegfried Crandall	10/12/2015	86898	GEN	acct support	
90046250	246 E Kilgore Rd	10/16/2015		N		1,800.00
	Kalamazoo MI, 49002-5599	/ /	0.0000	N		0.00
		10/16/2015		N		1,800.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT
101-223-82500	Accounting & Audit Fees	1,000.00
490-000-80800	Audit Fees	100.00
206-336-82500	Accounting & Audit Fees	100.00
491-000-80800	Audit Fees	100.00
107-756-82500	Accounting & Audit Fees	150.00
207-310-82500	Accounting & Audit Fees	50.00
249-371-82500	Accounting & Audit Fees	100.00
211-344-82500	Accounting & Audit Fees	150.00
900-728-82500	Accounting & Audit Fees	50.00
		1,800.00

VENDOR TOTAL: 5,134.61

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
slp	Steensma Lawn & Power	10/14/2015	296930	GEN	REPLACEMENT CHAINSAW FOR 582	
90046285	7561 Stadium Drive	10/16/2015	000007721	N		391.20
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		391.20
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-93300	REPLACEMENT CHAINSAW FOR 582	391.20	391.20

slp	Steensma Lawn & Power	10/14/2015	297010	GEN	REPAIR RR GATOR TIRE	
90046311	7561 Stadium Drive	10/16/2015	000007745	N		30.95
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		30.95
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-218-75300	REPAIR RR GATOR TIRE	30.95	30.95

slp	Steensma Lawn & Power	10/14/2015	298051	GEN	TRACTOR LR TIRE REPAIR	
90046310	7561 Stadium Drive	10/16/2015	000007750	N		38.00
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		38.00
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-218-75300	TRACTOR LR TIRE REPAIR	38.00	38.00

slp	Steensma Lawn & Power	10/14/2015	298669	GEN	511 VENT SAW CHAIN BRAKE AND FUEL LEAK	
90046309	7561 Stadium Drive	10/16/2015	000007757	N		90.74
	Kalamazoo MI, 49009	/ /	0.0000	N		0.00
		10/16/2015		N		90.74
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-340-93300	511 VENT SAW CHAIN BRAKE AND FUEL LEAK	90.74	90.74

VENDOR TOTAL: 550.89

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
spirt	The Spirit Shoppe	10/14/2015	11951	GEN	TSHIRT ORDER FOR NEW INTERNS	
90046286	4510 KL Avenue	10/16/2015	000007729	N		320.00
	Kalamazoo MI,	/ /	0.0000	N		0.00
		10/16/2015		N		320.00

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
206-336-72500	S AND XL TSHIRTS, POLOS, LS T SHIRTS INT	320.00	320.00

VENDOR TOTAL: 320.00

time	Time Emergency Eqpt LLC	10/12/2015	114122/114129	GEN	HOSE AND NOZZLE EQUIPMENT	
90046253	2415 West Sunset Dr	10/16/2015	000007642	N		1,879.47
	Roscommon MI, 48653	/ /	0.0000	N		0.00
		10/16/2015		N		1,879.47

Paid

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
211-344-98000	Equipment & Facilities	1,686.15	1,686.15
211-344-98000	2.5 X 1.5" REDUCER	39.05	39.05
211-344-98000	Equipment & Facilities	154.27	0.00
		1,879.47	

VENDOR TOTAL: 1,879.47

vw	Verizon Wireless	10/12/2015	302481	GEN	network fleet monthly fees - oct	
90046251	PO Box 15062	10/16/2015		N		119.65
	Albany NY, 12212-5062	/ /	0.0000	N		0.00
		10/16/2015		N		119.65

Paid

GL NUMBER	DESCRIPTION	AMOUNT
206-340-85300	Network Fleet Monthly Fees	119.65

VENDOR TOTAL: 119.65

INVOICE APPROVAL BY INVOICE REPORT FOR OSHTEMO TOWNSHIP
EXP CHECK RUN DATES 10/16/2015 - 10/16/2015
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN

Vendor Code / Ref #	Vendor name / Address / City/State/Zip	Post Date / CK Run Date / Disc. Date / Due Date	Invoice / PO / Disc. %	Bank / Hold / Sep CK / 1099	Invoice Description	Gross Amount / Discount / Net Amount
Walmart	Walmart	10/14/2015	4090	GEN	TOWNSHIP AND FIRE DEPARTMENT COFFEE	
90046287	PO Box 530932	10/16/2015	000007662	N		66.96
	Atlanta GA, 30353-0932	/ /	0.0000	N		0.00
		10/16/2015		N		66.96
Paid						

GL NUMBER	DESCRIPTION	AMOUNT	AMT RELIEVED
101-249-72800	COFFEE	66.96	66.96

VENDOR TOTAL: 66.96

TOTAL - ALL VENDORS: 89,613.30

Oshtemo Meeting Room Presentation System

Oshtemo Township has 2 presentation rooms, one at the Township Hall and one at Fire Station No. 2 on 6th street. Both systems are showing their age and are in need of being upgraded. PMN has an agreement with Oshtemo Township to replace the recording equipment in the Township Hall's meeting room and some upgrades will need to be made to help with the interface of the 2 systems. This is a good time as well to upgrade the old low definition projection system to HD. The sound quality in the room is to be improved as well with new speakers. The equipment in the meeting room at Station 2 was installed when the building was built in 2000, and most of the hardware has failed.

Quotes were sought for a complete refresh on both systems to bring them up to date. We met with four vendors, they inspected each facility and three responded with quotes.

Secant Technologies:	Township Hall	$36,739.06
	Fire Station	$22,466.00
TelSystems:	Township Hall	$33,048.00
	Fire Station	$17,952.00
Intaglio	Township Hall	$32,554.55
	Fire Station	$22,293.06

After reviewing the quotes, we are recommending Intaglio. Jon Gibson, IT Consultant, and I feel they did a very thorough job of compiling their quote.

We did look for the back section of the meeting room to install an interactive display or an ultra-short throw projector for meetings in that space. This is a separate item from the upgrades needed for the meeting room presentations. This would give a permanent solution for presentations in the back of the room instead of the screen and projector we use now and would give the Township more flexibility in how it is used. We would like to bring this to the Board sometime next year.

SECANT TECHNOLOGIES

7/15/2015

QUOTE # QTE150067r1

Jon Gibson
Osthemo Charter Township
7275 West Main Street
Kalamazoo, MI 49009

Re: Meeting Room Presentation System Upgrade

PROJECT DESCRIPTION

A/V Presentation System Upgrade for Township Meeting Room. Upgrade will consist of replacement components to go digital and replace existing control system. Dual Touch Screen Panel's will be located at the Podium and PMN production booth to control the system. Existing projectors will be replaced for Epson Powerlite units rated at 3000 Lumens. New wireless Microphones will be added as well as updating and expanding your existing mixers, equalizers and power amps.

QUOTATION

BASE ITEMS

QTY	ITEM	EACH	TOTAL
2	Universal PRG Precision Gear Projector Mount	$ 147.26	$ 294.52
2	Lightweight Adjustable Suspended Ceiling Plate	$ 106.16	$ 212.32
2	Extension Column	$ 13.78	$ 27.56
2	Chief XL Plenum Rated Storage Box	$ 140.48	$ 280.96
3	6' Pro Series HDMI Cable	$ 14.11	$ 42.33
1	15' Pro Series HDMI Cable	$ 23.02	$ 23.02
1	10' Pro Series HDMI Cable	$ 19.31	$ 19.31
1	10' Display Port Cable	$ 17.82	$ 17.82
4	15' Cat 6 SUTP Patch Cable - Green	$ 12.97	$ 51.88
2	15' Cat 6 UTP Patch Cable - Blue	$ 6.90	$ 13.80
1	15' Cat 6 UTP Patch Cable - Black	$ 6.90	$ 6.90
2	6' Cat 6 UTP Patch Cable - Blue	$ 4.20	$ 8.40
1	Automatic Microphone Mixer	$ 1,562.09	$ 1,562.09
1	Dual Channel Digital Wireless Receiver J50 Band	$ 2,817.60	$ 2,817.60
1	Bodypack Transmitter	$ 504.17	$ 504.17
1	Handheld Transmitter, Beta58A, J50 Band	$ 622.98	$ 622.98
1	Lavalier Cardioid Mic	$ 255.96	$ 255.96
1	Light Tan Earset Microphone	$ 386.80	$ 386.80
2	Lithium-Ion Battery	$ 113.72	$ 227.44

1	Dual Docking Charging Station w/PS	$	265.36	$	265.36
6	6.5" 2 Way Ceiling Speaker	$	159.41	$	956.46
1	1x3 Line Level Distribution Amplifier	$	165.78	$	165.78
1	Wall Plate, 1x B3M XLR Male - Press Feed	$	21.17	$	21.17
1	Custom 2G Plate for (3) Keystone inserts and one XLR-	$	56.70	$	56.70
1	Custom 3G Plate DM,TP LAN, LAN and M-XLR and F-	$	87.75	$	87.75
2	Powerlite 955W 3000 Lumens	$	993.20	$	1,986.40
1	EPSON DC-11 Document Camera	$	581.10	$	581.10
1	DigitalMedia 8G™ Cable, plenum, 500 ft	$	390.00	$	390.00
1	3-Series® DigitalMedia™ Presentation System 300	$	5,460.00	$	5,460.00
1	90W PoDM Power Pack for DMPS	$	162.50	$	162.50
1	DigitalMedia 8G+™ Transmitter 401	$	1,300.00	$	1,300.00
1	Wall Plate DigitalMedia 8G+™ Transmitter 200	$	910.00	$	910.00
2	DigitalMedia 8G+™ Receiver & Room Controller	$	910.00	$	1,820.00
1	AirMedia™ Presentation Gateway	$	1,040.00	$	1,040.00
1	5-Port PoE Switch	$	260.00	$	260.00
2	7" Touch Screen and Table Top Kit	$	1,040.00	$	2,080.00
6	Connectors for DM-CBL-8G	$	3.25	$	19.50
6	XTP DTP 24 Jack	$	15.60	$	93.60
1	Installation and Project Management	$	9,360.00	$	9,360.00
1	4 Hours Secant Training	$	300.00	$	300.00
1	Misc Parts	$	535.88	$	535.88
1	Shipping & Handling	$	400.00	$	400.00
SUBTOTAL				**$**	**35,628.06**

GRAND TOTAL **$ 35,628.06**

"Applicable taxes will be applied at billing. The State of Michigan requires that tax be charged on the portion of labor related to installing physical equipment purchased as part of a project."

Customer to be responsible for all power and data requirements. We assume all cabling to be Plenum Rated. Included in this proposal is 4 hours of onsite Secant Training and Support. Additional Training can be added for $75.00 per hour.

6395 Technology Avenue, Suite A, Kalamazoo, MI 49009
Phone: 269-375-8996 or 800-875-4222 Fax: 269-375-4222
www.secantcorp.com

The intent of this system is to serve as a standalone video presentation system as well as a feed to the recorded and live broadcasted PMN produced board meetings. Currently the proposal that PMN has submitted does not allow for a input feed from the presentation system. PMN's proposed Tri Caster 460 has only 4 video inputs. All 4 are going to be used by cameras. Secant suggest the following unless the owner is comfortable with not having a hard wired input to the PMN system from the presentation system.

A. Upgrade the Tricaster 460 to a larger system that would have a dedicated input for the presentation system.

B. Have Secant or PMN provide a switcher that would allow one of the four inputs to switch between camera and presentation feed.

C. Do not have presentation feed enter the PMN Tricaster Video unit. Presentations could be captured via the cameras or through a software application that would have to run on a dedicated PC or Mac.

Thank you for the opportunity to provide this quotation and we look forward to working with you on this project.

Respectfully submitted,

Eric Pounds
Audio Visual Project Manager

Client Approval

Signature Date PO Number

6395 Technology Avenue, Suite A, Kalamazoo, MI 49009
Phone: 269-375-8996 or 800-875-4222 Fax: 269-375-4222
www.secantcorp.com

SECANT TECHNOLOGIES

7/14/2015

QUOTE # QTE140629r3

Captain Chip Everett
Oshtemo Charter Township
7275 West Main St
Kalamazoo, MI. 49009

Re: FD Station #2 Training Room AV Renovation - Crestron AV Presentation System

PROJECT DESCRIPTION

We will provide and install a new Crestron AV Presentation System with a 7" touch screen control panel, Creston Airmedia for wirless presentation, Middle Atlantic equipment rack, Sony BluRay player and 4 JBL ceiling speakers for the Training Room. We will repurpose the existing ceiling mounted projector and projection screen. We will connect the BluRay player and an owner provided PC to the system and provide an HDMI and VGA/Audio umbilical cable for additional spare connections at the lectern. The existing sound system will be replaced with the Crestron's built in amplifier and the four ceiling mounted speakers.

QUOTATION

BASE ITEMS

QTY	ITEM	TOTAL
1	Crestron 3-Series DigitalMedia AV Presentation System	
1	Crestron 7" Touch Screen Package for DMPS Series	
1	Crestron AirMedia Wireless AV Presentation Gateway	
1	Crestron DM Reciever Room Controller w/Scaler	
1	AV Input Wallplate HDMI, VGA/Audio	
4	JBL Control26 6.5" 2-Way Ceilng Speaker	
1	Middle Atlantic Wall Mount Locking Equipment Rack 12U	
1	Rack Shelves, Panels, Security Covers and Power Accessories	
1	Sony BluRay Player	
1	15' Umbilical Cable (HDMI, VGA/Audio, Braid)	
1	Misc. Cables, Connectors and Mounting Equipment	
1	Shipping	
1	Labor	

SUBTOTAL **$ 16,431.00**

OPTIONS

6395 Technology Avenue, Suite A, Kalamazoo, MI 49009
Phone: 269-375-8996 or 800-875-4222 Fax: 269-375-4222
www.secantcorp.com

QTY	ITEM	EACH	TOTAL
1	ADD - Shure SLX14 Wireless Lavalier Microphone System	$	940.00
1	ADD - Epson Powerlite 1985WU 4800 Lumen 1080P Projector	$	1,980.00
1	ADD - Da-Lite 54"x96" 16:9 Electric Projection Screen HD Surface	$	3,115.00
SUBTOTAL		**$**	**6,035.00**
GRAND TOTAL		**$**	**22,466.00**

We assume that all electrical power requirements and data connections will be supplied by others.

Thank you for the opportunity to provide this quotation and we look forward to working with you on this project.

Respectfully submitted,

Aram Sparks
Audio Visual Solution Specialist

Client Approval

Signature Date PO Number

6395 Technology Avenue, Suite A, Kalamazoo, MI 49009
Phone: 269-375-8996 or 800-875-4222 Fax: 269-375-4222
www.secantcorp.com

telsystems

Customer Proposal

Meeting Space Presentation System
Upgrade with options

Proposal #:
22-091415-1.1
Customer:

Jon Gibson
Oshtemo Charter Township
7275 West Main Street
Kalamazoo, MI 49009

TEL: 269-760-6616
Email: jgibson@scpro.net

Quote Date: 9/14/2015
Terms: 50%dwn NET30
Account Manager: Brian Hoeft

F.O.B.:
Delivery:
Ship Via:

Per our discussion and TEL Systems interpertation of the needs requested, this is our system proposal

Item	Qty.	Description	Unit	Amount
		Meeting Space Presentation System Upgrade Installation and equipment for an upgrade to the existing AV system in the meeting space. Installation of two new projectors utilizing the existing screens. A Crestron control system will be installed with two desk mounted touch panels. One at the control desk with full system control and the other with limited control at the podium. For the audio system we will install new speakers and a new dual channel digital wireless microphone system. We will incorporate a the existing dais mics into the new Biamp audio processor.		
1	2	**Projection Sys.** Includes; projectors mounting hardware and equipment.	1,329.00	2,658.00
2		1 ea. Lightweight ceiling plate		
3		1 ea. Extension column		
4		1 ea. Universal projector mount		
5		1 ea. Chief XL plenum rated storage box		
6		1 ea. Epson Power lite 955W		
7	1	**Audio Mixer** BIAMP TesiraFORTÉ	1,429.00	1,429.00
8		12 ea. Analog mic/line inputs		
9		8 ea. Analog line outputs		

10	1	**Wireless Mic** Includes systems components for a Shure digital wireless microphone system		3,801.00	3,801.00
11		1 ea.	Dual Digital Wireless Receiver, 1/2 Wave Antenna		
12		1 ea.	Digital Wireless Body pack Transmitter		
13		1 ea.	Handheld Transmitter with BETA 58A® Microphone		
14		1 ea.	Microflex® Cardioid Lavalier Mic		
15		1 ea.	Countryman Earset E6 mic		
16		2 ea.	Rechargeable Battery		
17		1 ea.	Dual Docking Charger		
18	6	**Speakers**		116.00	696.00
19			JBL Control 26C/T ceiling speaker		
20	1	**Doc Cam**		517.00	517.00
21			Epson DC-11		
22	1	**Control System** Includes all components and equipment for Control and signal routing within the meeting space		11,541.00	11,541.00
23		1 ea.	5-port gigabit POE+ switch		
24		1 ea.	3-Series® DigitalMedia• Presentation System 300		
25		1 ea.	90W PoDM Power Pack for DMPS		
26		1 ea.	DigitalMedia 8G+® Transmitter 401		
27		1 ea.	Wall Plate DigitalMedia 8G+™ Transmitter 200		
28		1 ea.	AirMedia™ Presentation Gateway		
29		2 ea.	7" Touch Screen table top package		
30		2 ea.	4K DigitalMedia 8G+® Receiver & Room Controller w/Scaler		
31	1	**Material** Includes; all patch cords, face plates, cable, termination and mounting hardware, misc. parts, freight		2,211.00	2,211.00
32		1 ea.	1G custom wall plate		
33		1 ea.	2G custom wall plate		
34		1 ea.	3G custom wall plate		
35			HDMI patch cords various lengths		
36			DisplayPort patch cords various lengths		
37			Network patch cords various lengths		
38	1	**Labor** Includes; installation, travel time, project management, training, programing, closeout documents		8,985.00	8,985.00
39			**Base Meeting Room Total**		31,838.00

Assistive listening Sys. Option

40	1		Includes equipment and installation to integrate an ADA compliant system into the meeting room	1,083.00	1,083.00
			William Sound FM ADA compliance Kit		
41		1 ea.	PPA T27 transmitter		
42		2 ea.	PPA R37 receivers		
43		2 ea.	EAR 013 single mini earbud		
44		2 ea.	NKL 001 neckloops		
45		1 ea.	IDP 008 ADA sign		
46	1		**Labor** Includes; installation, travel time, project management, training, programing, closeout documents		included
47			**Assistive listening Sys. Option Total**		1,083.00
48		1 ea.	**Additional Receiver, Earbud, Neckloop kit**	127.00	

Ultra Short Throw interactive Projector Option

Includes; installation and equipment for an interactive short throw projector system that will be integrated into the newly installed AV system of the meeting space. A faceplate will be installed near the white board providing HDMI and VGA auxiliary inputs into the system. An additional Crestron touch panel will be installed near the white board this will provide localized system control.

49	1		**Projector and magnetic dry erase White Board**	4,105.00	4,105.00
50		1 ea.	Da-Lite IDEA Screen designed for short throw interactive projectors 100" Diagonal whiteboard		
51		1 ea.	Epson Brightlink 1430WI a WXGA projector with 3300 Lumens, Finger Touch and Wall Mount		
52	1		**Crestron Control** Includes all components and equipment for Control and signal routing to integrate into the meeting space presentation system	2,992.00	2,992.00
53		1 ea.	Wall Plate DigitalMedia 8G+™ Transmitter 200		
54		1 ea.	7" Crestron wall mounted Touch Screen		
55		1 ea.	4K DigitalMedia 8G+® Receiver & Room Controller w/Scaler		

56	1	**Material** Includes; all patch cords, cable, termination and mounting hardware, misc. parts, freight	697.00	697.00
57	1	**Labor** Includes; installation, travel time, project management, training, programing, closeout documents	2,657.00	2,657.00
58		**Ultra Short Throw interactive Projector Option Total**		10,451.00

Interactive Flat panel Option

Includes; installation and equipment for an interactive flat panel system that will be integrated into the newly installed AV system of the meeting space. A faceplate will be installed near the flat panel providing HDMI and VGA auxiliary inputs into the system. An additional Crestron touch panel will be installed near the flat panel this will provide localized system control.

59	1	**Interactive Flat panel and mount**	10,780.00	10,780.00
60		1 ea. NewLine X7 interactive touch screen flat panel, with integrated cameras and microphones.		
61		1 ea. Micro-adjustable tilting wall mount		
62	1	**Crestron Control** Includes all components and equipment for Control and signal routing to integrate into the meeting space presentation system	2,662.00	2,662.00
63		1 ea. Wall Plate DigitalMedia 8G+™ Transmitter 200		
64		1 ea. 7" Crestron wall mounted Touch Screen		
65		1 ea. 4K DigitalMedia 8G+® Receiver & Room Controller w/Scaler		
66	1	**Material** Includes; all patch cords, cable, termination and mounting hardware, misc. parts, freight	795.00	795.00
67	1	**Labor** Includes; installation, travel time, project management, training, programing, closeout documents	2,974.00	2,974.00
68		**Interactive Flat panel Option Total**		17,211.00

Terms and Conditions on next page

Terms and Conditions:

(1) All prices good up to 30 days after quote date

(2) This proposal does not include sales tax or freight, unless otherwise noted in the quotation.

(3) All 120VAC facilities and rennovations provided by others.

(4) All conduits, raceways, and wirepaths provided by others.

(5) All building renovations, structural, aesthetic, or otherwise , are not included in our pricing.

(6) All necessary trim and finish work provided by others.

(7) Installation price reflects work performed during normal business hours only, unless specified in writing.

(8) All Sales Are Considered Final

9) Payment accepted in the form of cash, cleared business or personal check, or funds transfer. Credit card payments are not accepted without prior approval from TeL Systems and cannot be applied against accout balances.

(10) Please reference the Thalner Electronic Labs (TeL Systems) proposal number on purchase orders or correspondance.

(11) Equipment returns must be authorized in writing by TeL Systems and may incur a re-stocking fee plus total freight.

(12) Changes to item quantity or specifications may result in a price change.

(13) Financing Options are available through TeL Systems and must be agreed upon before the sale.

(14) TeL Systems makes no implied or assumed claims regarding performance, capabilities or interface compatibility of the equipment listed unless otherwise noted.

(15) This proposal includes a limited one year, on-site parts and labor warranty against defective workmanship on the installation and on the products included in the system. The system warranty is initiated at the time of substantial system completion. See TeL Systems Warranty / Implementation Contract.

(16) The material contained in this proposal has been assembled by Thalner Electronics for the sole benefit of the customer listed and TeL Systems only, and is confidential. This material cannot be distributed to others without the prior written consent of TeL Systems and the customer.

Please sign and fax back this page to initiate the order giving TeL Systems approval to proceed with the order as itemized, per the terms and conditions listed.

Signed: _____ Date: _____

PO#: _____

Ship To Address: _____

_____

Ship To Attn: _____

telsystems

Customer Proposal

FD Station #2 Training Room AV
System Upgrade with options

Proposal #:
22-091415-2
Customer:

Jon Gibson
Oshtemo Charter Township
7275 West Main Street
Kalamazoo, MI 49009

TEL: 269-760-6616
Email: jgibson@scpro.net

Quote Date: 9/14/2015
Terms: 50%dwn NET30
Account Manager: Brian Hoeft

F.O.B.:
Delivery:
Ship Via:

Per our discussion and TEL Systems interpertation of the needs requested, this is our system proposal

Item	Qty.	Description		Unit	Amount
		FD station #2 Training Rm AV			
		Installation to include a Crestron control system with a touch panel, new Blu-ray player, wireless presentation device, auxiliary input plate with HDMI and VGA/audio also provisions for an owner provided PC. New ceiling speakers will be installed using the amp within the new presentation equipment. Equipment will be installed in a new wall mounted rack at the front of the room, this rack will have a vented and locking front door. Base bid will include reusing the existing projector and projector screen.			
1	1	**Control System**		5,640.00	5,640.00
		Includes all components and equipment for Crestron control and signal routing within the meeting space			
2		1 ea.	4K DigitalMedia• Presentation System 150		
3		1 ea.	AirMedia™ Presentation Gateway		
4		1 ea.	7" wall mounted Touch Screen		
5		1 ea.	4K DigitalMedia 8G+® Receiver & Room Controller w/Scaler		
6		1 ea.	5-port gigabit POE+ switch		
7		1 ea.	wireless keyboard and mouse for existing PC		
8	1	**Blu-ray Player**		87.00	87.00
		Sony			
9		1 ea.	BDPS3500 Blu-ray Player with Wi-Fi		
10	4	**Speakers**		116.00	464.00
11		1 ea.	JBL Control 26C/T ceiling speaker		

12	1	**Equipment Rack** Includes all components and equipment for installation of equipment rack	658.00	658.00
13		1 ea. Middle Atlantic 12 RU wall mounted rack		
14		1 ea. vented front door with lock		
15		1 ea. rack mounted power condition and supply		
16		1 ea. 1RU rack shelf		
17		2 ea. 2RU rack shelf		
18	1	**Material** Includes; all patch cords, cable, termination and mounting hardware, misc. parts, freight	943.00	943.00
19	1	**Labor** Includes; installation, travel time, project management, training, programing, closeout documents	4,634.00	4,634.00
20		**Base Training Room Total**		12,426.00

Projection Screen and Projector Replacement Option

Includes equipment and installation to integrate a new projector and motorized projection screen into the newly installed AV system

21	1	**Projector Sys.** Includes; projectors mounting hardware and equipment.	2,166.00	2,166.00
22		1 ea. PowerLite 1985WU 4800 Lumens Projector		
23		1 ea. Universal projector mount		
24		1 ea. Projector mounting bracket		
25	1	**Projection Screen** Includes; motorized projection screen with HD viewing surface and low voltage control module to integrate into newly installed system	790.00	790.00
26		1 ea. 60"x96" 16:10 motorized screen		
27	1	**Material** Includes; all patch cords, cable, termination and mounting	383.00	383.00
28	1	**Labor** Includes; installation, travel time, project management, training,	1,491.00	1,491.00
29		**New projector and screen Option Total**		4,830.00

		Wireless Microphone Sys. Includes; installation and integration of a Shure wireless mic		
30	1	1 Kit Includes SLX4 Receiver, SLX1 Bodypack Transmitter, Microflex® WL185 Cardioid Lavalier Microphone, SLX2/SM58 Handheld Transmitter with SM58 Microphone	696.00	696.00
31		**Wireless Mic add Option Total**		696.00

Terms and Conditions on next page

Terms and Conditions:

(1) All prices good up to 30 days after quote date

(2) This proposal does not include sales tax or freight, unless otherwise noted in the quotation.

(3) All 120VAC facilities and rennovations provided by others.

(4) All conduits, raceways, and wirepaths provided by others.

(5) All building renovations, structural, aesthetic, or otherwise , are not included in our pricing.

(6) All necessary trim and finish work provided by others.

(7) Installation price reflects work performed during normal business hours only, unless specified in writing.

(8) All Sales Are Considered Final

9) Payment accepted in the form of cash, cleared business or personal check, or funds transfer. Credit card payments are not accepted without prior approval from TeL Systems and cannot be applied against accout balances.

(10) Please reference the Thalner Electronic Labs (TeL Systems) proposal number on purchase orders or correspondance.

(11) Equipment returns must be authorized in writing by TeL Systems and may incur a re-stocking fee plus total freight.

(12) Changes to item quantity or specifications may result in a price change.

(13) Financing Options are available through TeL Systems and must be agreed upon before the sale.

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Signed: _____ Date: _____

PO#: _____

Ship To Address: _____

_____

Ship To Attn: _____

telsystems

Customer Proposal

Extended TEL warranty and System Notes

Proposal #:
22-091415-3
Customer:

Jon Gibson
Oshtemo Charter Township
7275 West Main Street
Kalamazoo, MI 49009

TEL: 269-760-6616
Email: jgibson@scpro.net

Quote Date: 9/14/2015
Terms: 50%dwn NET30
Account Manager: Brian Hoeft

F.O.B.:
Delivery:
Ship Via:

Per our discussion and TEL Systems interpertation of the needs requested, this is our system proposal

Item	Qty.	Description	Unit	Amount
		Notes		
1		Although they are not itemized within your request, we have provided scaling receivers at all of the displays. This will allow the systems to send the optimal resolution to each display. This will also allow the displays to be replaced and the video output to be changed to match the new native resolution		
2		We will provide a custom Crestron program layout for each touch panel.		
3		We will provide onsite training for these systems upon completion. If necessary we will re-visit the facilities at a later date, typically around 90 days to make any minor adjustments based on feedback from users.		
4		Upon project completion you will receive a binder including equipment documents and user manuals, as well as project documents including complete AS-Built prints, with numbered cable-end designations.		
5		Our installations include a one-year, on-site warranty and on-going customer service support via phone during business hours. See our warranty contrat for details		

6 If a warranty issue should arise and it is concluded that a site visit is necessary we will provide a onsite visit within 8 business hours.

7 If the optional interactive solution is added to the meeting space we believe that it is in the best interest to add this into the rooms existing AV system. Providing one clean, user intuitive control system, therefore we have proposed the necessary Crestron pieces in the alternate for complete integration.

Extended TEL warranty Option

with the selection of these options will extend our included 1 year warranty

	2nd year of TEL warranty coverage		
9	1 ea.	Meeting Room AV system	453.00
10	1 ea.	FD station #2 AV system	1,486.00
	3rd year of TEL warranty converge		
11	1 ea.	Meeting Room AV system	755.00
12	1 ea.	FD station #2 AV system	2,476.00
13		**Complete 3 years of TEL waranty converage**	5,170.00

Terms and Conditions on next page

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Signed: _____ Date: _____

PO#: _____

Ship To Address: _____

_____

Ship To Attn: _____

Warranty

Terms and Conditions/Implementation Contract

PROGRAM OVERVIEW:

TeL Systems will warrant the system against defective workmanship from the *installation* (i.e. bad cable connection, improperly fastened hardware, etc.) for a period of one year from the date of *installation completion*.

TeL Systems (at their option) will repair or replace *equipment* found defective within the system for a period of one year from the date of *installation completion*.

EXCLUSIONS:

Note that the system covered under this warranty is that system which is detailed in the final *As Built* prints specified below. No product(s) or cabling is covered which is not detailed in those prints, unless agreed upon in writing by the customer and TeL Systems.

Modifications made to hardware, software, or system cabling, from its original state (at the time of delivery) are prohibited unless those modifications are performed by an authorized TeL service technician, or permission from an authorized TeL service technician is granted in writing.

Unless stipulated under *Special Conditions*, loaner equipment is not provided through this contract.

Problems resulting from misuse, user error, or incorrect atmospheric conditions and/or force majeure are not covered. Equipment or systems damaged by voltage spikes, lightening strikes, brownouts, inclement weather, are not covered.

Parts that are replaced through normal wear and tear are *not* covered under this agreement (i.e. video heads, pinch rollers, projector lamps, CRT's, LCD panels, etc.). Also burn-in on plasma flat panels are not covered. In addition, the items that are listed under Special Conditions are excluded from this agreement.

TeL Systems makes no claims concerning turn-around time of repairs and service calls. No financial, or other accommodations are made by TeL for delays in customer schedules due to equipment or systems repair turn-around.

INITIALIZATION:

This warranty/support agreement begins on the date of *installation completion*. Installation completion may comprise a functioning part of the system, or the entire system. The scope of this completed portion of the system is described under the Special Conditions portion of this contract.

The system completion date is determined by TeL Systems, and acknowledged by the customer in writing by signing this contract and initiating the warranty. If the customer contends that the system (or portion in question) is not complete at the time of system completion, then a list of outstanding issues is created by the customer, or TeL Systems, and the issues are addressed.

If the customer fails to sign the System Completion acknowledgement form after the issues are addressed, then the system warranty is initiated at the time of initial invoicing for any unit in question.

WARRANTY AUTHORIZATION CODE:

A warranty authorization code number is assigned to a customer representative at the initiation of the warranty/support program. This customer representative has the authority to initiate billable service calls. By providing the WAC # over the phone when a service call is desired, the customer authorizes the following:

1. Authorizes the TeL Systems service department to begin the work.
2. Authorizes the TeL Systems service department to invoice the customer for work not covered under the warranty.

WARRANTY/SUPPORT CLAIM PROCEDURE:

To initiate a claim, the customer will call the TeL Systems service department, and simply state their Warranty Authorization Code (WAC) number to the service representative. Upon verification of the WAC #, the TeL Systems service coordinator will identify the system, the specific warranty and support package assigned to the customer, and initiate a trouble ticket for future tracking. The TeL Systems service coordinator determines a course of action once the complaint is understood.

The service representative can attempt to troubleshoot the problem on the phone, or escalate the trouble ticket to the service supervisor, systems designer, engineering manager, technician, or installation manager for telephone diagnostics and troubleshooting. This may require a return phone call to the customer.

Upon troubleshooting on the phone, it may be determined that a technician be dispatched to the site. This is done at a mutually agreed upon time between the customer and the TeL Systems service center. The equipment in question may need to be removed from the system by a TeL Systems technician and brought back to the TeL Systems service center, or returned to the vendor for factory service, or the equipment or system may be repaired on site. If the equipment is removed, TeL Systems will re-install the equipment on the return visit.

Company Name:

Original Installation Project #:

Project Name:

As Detailed in *As-Built* prints dated:

Customer Representative:

Warranty Authorization Code # :

Special Conditions:

Installation Completion:

We agree to the Terms and Conditions listed above, and TeL Systems has fulfilled installation completion for the system itemized. The date signed here is the Warranty Support Initiation date.

Signed TeL Systems	Date	Signed	Date

Oshtemo Charter Township

Oshtemo Township Meeting Room

10-21-2015

Presented by: Bill Streb
Account Executive
bstreb@intaglioav.com
616.648-1927

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Intaglio is quoting to perform a Technology update for the Township Meeting Room. This quote will introduce new technology/equipment and integrate some of the customer's existing equipment (microphones, podium, screens, document camera) into a complete package.

One of the issues is the complaint that the audio support for participants sitting at the front of the meeting room (closest to the dais) is non-existant. Also the quality of audio at the back of the room is very poor. We will install (2) Symetrix Radius 12x8EX units, and (2) Crown amplifiers to power (10) ceiling mounted speakers and (3) wall mounted speakers, which will provide uniform coverage through out the seating area.

We were instructed to replace the customer's existing NEC VT770 (3000 lumen, 1024 x 768, 400:1, 3 LCD, last shipped April 2006) projectors, which are mounted WAY off screen center. We will use new Panasonic PT-TW341RU short throw projectors. They will be mounted in the center of the screen, eliminating the significant keystone correction needed to fill the the existing screens. Screen height will be adjusted to match image size, since we are changing format from a 4:3 aspect ratio to a 16:9 wide screen aspect ratio.

The system will be controlled by new Crestron touch panels, one in the control area, and one on the podium. If only (1) Touch Panel is needed, reduce the total cost by $1,327.50.

A Black Magic mini converter will provide a signal to PMN's Tricaster 460.

Oshtemo Township requested a Hearing Loop be included in this quote. I am working with Hearing Loop Systems of Holland, MI for this portion of the quote.

Training is included as part of this quote package.

INTAGLIO, LLC
5809 Cross Roads Commerce Parkway, Suite 200
Grand Rapids, MI 49519

800-632-9153
info@intaglioav.com
www.intaglioav.com

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Township Meeting Room

Projectors

2	**Mini RPA Elite, Unversal, Key A, White** Mini RPA Elite, Key A, No Interface, White	$254.40
2	**3200 Lumen, 1280 x 800 Interactive LCD projector** 3200 Lumen, 1280 x 800 Interactive LCD projector	$2,582.92
	Projectors Total:	$2,837.32

Speakers

3	**5.25" 2-Way Transformer - White** Contractor Indoor/Outdoor Speake	$468.72
10	**6.5" Ceiling Loudspeaker** Ceiling Speaker, 6.5" w/ 70 Volt Transformer	$1,570.80
	Speakers Total:	$2,039.52

Touch Panel

2	**TableTop Kit for TSW-750** TableTop Kit for TSW-750, Black Smooth	$266.66
2	**Touch Screen Controller** 7" Touch Screen Controller, Black	$2,133.34
	Touch Panel Total:	$2,400.00

Blu-Ray Player

1	**1 RU Professional Blu-Rau Disc Player** 1 RU Professional Blu-Rau Disc Player	$379.41
	Blu-Ray Player Total:	$379.41

System

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1	**CONVMBHS24K Mini Converter - HDMI to SDI 4K** CONVMBHS24K Mini Converter - HDMI to SDI 4K	$301.41
1	**(2) XLR, (2) RJ-45 Connectors** (2) XLR, (2) RJ-45 Connectors	$102.84
1	**DigitalMedia Presentation System 300** DigitalMedia Presentation System 300, 3-Series	$5,600.00
2	**4K DigitalMedia BG+ Receiver & Room Controller 100** 4K DigitalMedia BG+ Receiver & Room Controller 100	$1,200.00
2	**DigitalMedia Transmitter** DigitalMedia Transmitter, Stand-Alone, 8G+ Copper, HDMI / VGA / Audio / HDMI Loop	$1,733.34
1	**PoDM Power Supply** 48V Power Pack for PoDM	$166.67
1	**CT875 Amp** CT875 Amp	$1,116.96
1	**Amplifier** Amplifier, 4 Channel, 300 Watt / Channel	$1,465.33
1	**VGA w/ Audio Cable** VGA Cable w/ Audio, M-M, 6'	$37.33
1	**VGA Cable** VGA Cable, M-M, Micro Series, 6'	$30.67
3	**6' HDMI Ultra Cable** 6' HDMI Ultra Cable	$140.01

* Price Includes Accessories

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2	**HDMI Cable** HDMI Cable, Micro Series, 3'	$66.66
1	**Project Parts** Parts & Hardware Required for Installation	$300.00
1	**Project Labor** Control System, Audio System, On & Off Site Programming	$2,000.00
2	**Radius 12x8 EX** Radius 12x8 EX, Dante gigabit network audio	$4,984.00
1	**10/100 8-Port PoE Switch** Ethernet Switch, 10/100, 8-Port w/ 4-Port PoE	$62.73
	System Total:	$19,307.95

Installation

1	**Project Labor** Design, Documentation	$1,500.00
1	**Project Labor** On / Off Site Installation	$2,720.00
1	**Project Mileage** Travel Mileage	$265.35
1	**Project Travel Hours** All Project In-Transit Hours	$780.00
	Installation Total:	$5,265.35

Shipping

* Price Includes Accessories

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1	**Project Shipping** Estimated In-Bound & Out-Bound Shipping & Handling Actual will be pre-paid and included on final invoice.	$325.00

Shipping Total:	$325.00
Township Meeting Room Total:	**$32,554.55**
Project Subtotal:	**$32,554.55**

* Price Includes Accessories

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Project Summary

Equipment:	**$24,964.20**
Labor:	**$7,590.35**
Grand Total:	**$32,554.55**

Client: **Nancy Culp** **Date**

Contractor: **Intaglio, LLC** **Date**

* Price Includes Accessories

Presented By: Intaglio, LLC 10/22/2015

Project Name: Oshtemo Township Meeting Room Project No.: 3808

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Service & Warranty Commitment

INTAGLIO strives for 100% client satisfaction on every project. The hallmark of this commitment is a comprehensive warranty on every new installation and service after system installation as outlined herein.

PROJECTS
This commitment applies only to newly installed, custom designed audiovisual systems. It does not apply to branded product manufactured or packaged by INTAGLIO including InForum or Dialogue systems, which carry individual statements of warranty.

START DATE
Due to the range in complexity of the systems INTAGLIO designs and installs, and based on the needs of individual clients, the Warranty start date can vary on each project based on the following criteria. Projects with multiple systems or phases may have multiple Warranty start dates by system.

- First Use – when the system is complete enough to be used for its intended purpose by the client, regardless of finish state.
- Substantial Completion / Turnover – when the system is usable for its intended purpose, while there may be some minor details to finish, whether the client opts to use the system immediately or not.
- Invoice – some manufacturers require warranty to begin on the date of invoice whether the equipment is capable of being used or not.

Projects are placed into Service status at the time of final sign-off. This status defines that the project is complete and all further work, unless otherwise noted in closeout documentation, is to be handled under the Terms & Conditions of Service.

WORKMANSHIP WARRANTY
Includes all work on the project performed by INTAGLIO staff or those working directly for INTAGLIO (sub-contractors). INTAGLIO warrants newly installed systems to be free of defects in workmanship for a period of two (2) years. Within this period, INTAGLIO will repair, or replace at its option, any defect caused by INTAGLIO staff during the installation phase of the project or subsequent approved service of the system within this warranty period.

CUSTOM PROGRAMMING WARRANTY
INTAGLIO freely issues all custom programming for non-branded product to its clients upon receipt of final payment. Custom Programming is issued for client records only and is warranted for a period of one (1) year. This warranty applies only to the custom programming installed as-is at the time of project sign-off. Custom Programming may include proprietary modules and intellectual property of INTAGLIO that is protected from access or modification.

EQUIPMENT WARRANTY
Includes all portions of the project having stated manufacturer warranty periods and conditions. The vast majority of industry equipment is warranted by manufacturers for "depot repair" within their own certified facilities; this requires the equipment to be de-installed, shipped, received and re-installed for all warranty work. INTAGLIO neither implies nor assumes any responsibility for time and materials required to warrant equipment under such conditions – this is billable time and materials. Unless specifically authorized by INTAGLIO, client staff or sub-contractors should not attempt to perform warranty required work which may void the system warranty as a whole – see Terms and Conditions.
INTAGLIO service may be engaged to handle in and out of warranty issues with owner furnished or existing equipment under the regular Terms and Conditions of this Commitment. Original supplier information may be required of the client to process such requests.

SERVICE WORK
All work associated with Warranties and after project closeout is considered "Service" and will be billed at standard Service Rates as outlined in the Terms and Conditions of this Commitment.

MAINTENANCE & SERVICE AGREEMENTS
INTAGLIO offers comprehensive Maintenance and Service Agreements tailored to the client's specific needs. A separate document will be produced for each Maintenance and/or Service Agreement and may alter the descriptions, Terms and Conditions of this standard Warranty & Service Commitment. All subsequent Agreements will supersede this Commitment.

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SERVICE REQUESTS

In the event of system failure the client should use one of two methods to contact INTAGLIO:

- Email to service@intaglioav.com
- Phone / Voicemail at 800-632-9153

When submitting a service request the following information is required to expedite the request without delay:

- System Location / INTAGLIO Project Number – campus, building, room
- Symptoms of Error – what is not working
- Troubleshooting Performed – any steps taken to remedy the problem (i.e. system reboot)
- Priority – is the repair needed immediately, or can it wait – see below for standard Warranty response times
- Contact Information – the person responsible for the system and that can financially authorize repair work, phone number AND email address

All service requests will be acknowledged within one (1) business hour with return phone call or email to the client representative. At this time the Service Coordinator will establish an Estimate for Repair and will email the document to the client representative for approval. The estimate will include a description of the problem, anticipated on-site response window, and anticipated hours for completion of work. The estimate should not be construed as a not-to-exceed price for repair – all Service will be billed on a time and materials basis. Written approval of the estimate is required for dispatch of service personnel. Approval of the estimate and pre-authorization for payment must be made via email from the client representative to service@intaglioav.com and include the estimate number. The estimate will be updated regularly through the repair process to include any additional costs or information; updates will be emailed to the client representative. Issues that cannot be reliably reproduced may take additional time and effort to troubleshoot and diagnose – progress billing will be used in such cases per the terms herein.

Response and service completion times may only be estimated due to a number of factors including, but not limited to; service location, availability of a technician, availability of replacement or repaired equipment, equipment repair time, site access and nature of the problem. Guaranteed response times are available under Service Agreement. Ask your Account Manager for more details.

INDEMNITY

INTAGLIO shall be held harmless for the loss of productivity and revenue caused by system failure of any kind and the effort it takes to repair any covered failure.

TERMS AND CONDITIONS

- Normal business hours are defined as 8a-5p (EST) Monday – Friday, excluding office closures for holidays, inclement weather and special events.
- A business hour is defined as sixty (60) full minutes occurring within normal business hours.
- Service time and mileage will be billed at the following rates:

o $85.00 (USD) per hour per technician for general diagnostics and repair, minimum 1 hour.
o $125.00 (USD) per hour per technician for technical diagnostics, repair and programming, minimum 2 hours.
o $65.00 (USD) per hour for travel, billed by ¼ hour.
o Labor outside normal business hours will be billed as overtime at 1.5x standard hourly rate.
o $0.61 (USD) per road-mile traveled.
o Client is responsible for accurate description of symptoms to assist in determining skill level required for repair.
o Client will be billed for repeat trips or downtime due to unavailability of systems / rooms or work stoppages out of the control of INTAGLIO.

- Payment for Service calls must be pre-authorized via credit card or purchase order. This may be established at project closeout or on a case-by-case basis at the time of Service request. Payment is due at the time Service is rendered.
- Shipping and handling, travel and lodging, and special equipment (i.e. man-lift) required to remedy Service calls will be passed through at cost + reasonable arrangement or handling fee to the client. Invoices for these costs will be presented at the time of billing.
- INTAGLIO does not warrant the configuration of owner furnished networks or other communication devices integral to the function of the installed system.
- INTAGLIO does not warrant owner furnished equipment integrated or used with the installed system.
- The integrity of warranties offered by INTAGLIO is contingent upon proper use of the system as outlined in the functional description and scope of work approved by the client, including all change-orders. Use of the system outside that which is defined, or abuse of the system as determined at INTAGLIO or the affected equipment manufacturer's sole discretion will result in all warranties for the system becoming null and void. Additional actions and events that will void these warranties include, but are not limited to:

o Manipulation of, service to, or reconfiguration of any system component hardware, software, or programming by anyone other than INTAGLIO staff without expressed written authorization on a case-by-case basis from INTAGLIO. Consult INTAGLIO prior to updating any client-managed device software (i.e. video conference codec, network infrastructure), which could "break" the system programming.
o Damage caused by man-made or natural disasters, or systems and equipment not supplied by INTAGLIO, or by

another system or equipment supplied by INTAGLIO that would not normally support the damaged system or has its own stated warranty (i.e. InForum / Dialogue).

o Failure to pay in full any invoice for initial system installation or service work within 30 days of due date.

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Terms & Conditions

In order for INTAGLIO to provide timely, efficient and accurate audiovisual system integration, this Proposal is based on the following expectations and transaction requirements:

- This Proposal may require approval of aesthetic and custom design elements prior to ordering equipment, custom programming, drawings and installation. Timely approvals will prevent delays and possible change order to extend the project deadline or for additional costs incurred by delays. All approvals shall be made in writing to the Account Manager for proper documentation.
- Work area is to be available during times arranged prior to installation and clear of obstructions and occupants. Additional trips and downtime caused by unavailability of the space will be billed at standard rates plus reasonable fees associated with the work to have been performed.
- An estimate for travel costs is included in the Proposal. Actual travel costs will be billed.
- INTAGLIO staff will not work in unsafe environments as determined by our staff or other safety official. Nor will our staff perform work other than that generally associated with low-voltage audiovisual system installation using best practices.
- The work area should be free of dirt and debris at the time of equipment installation. The Owner may be required to approve installation of equipment in dirty environments with signature. Such conditions may impact warranties.
- Security of installed equipment and equipment stored on-site is the responsibility of the Owner.
- A licensed and qualified electrical contractor must perform all high-voltage electrical work. Such work and the cost thereof are outside the scope of this Proposal and is the responsibility of the Owner.
- Conduits, back boxes, floor boxes and other raceways required for proper system installation and function by the Owner or applicable State and Federal Codes are the responsibility of the Owner and are not included in this Proposal.
- Change requests and orders are to be made in writing to the project Account Manager for proper quoting and update of the Scope of Work and project timeline.
- Cancellations and returns of equipment in-transit or received are subject to manufacturer approval and will incur a minimum 15% restocking fee plus reasonable ordering, shipping and handling fees. Cancellation must be made in writing to the project Account Manager.
- Cancellation of an approved project is subject to a cancellation fee of 5% of the total project price plus applicable restocking fees, and payment for time and materials used and procured for the project to date. Cancellation must be made in writing to the project Account Manager.
- Custom system documentation will be provided after final payment is received and will consist of the following when applicable:
  - o As-Built Drawings
  - o Manufacturer Supplied Equipment Manuals & Peripherals (remotes, connectors, etc.)
  - o Custom Programming Code
- See the Warranty and Service Commitment document included with this Proposal for specific terms. INTAGLIO warrants installation workmanship on all new projects for a period of two (2) years, custom programming for a period of one (1) year, and honors manufacturer equipment warranties.
- Payment Terms:
  - o 50% Due Upon Project Approval
  - o 40% Invoiced Upon Substantial Completion
  - o 10% Invoiced Upon Final Sign-Off
  - o All invoices due Net 30.
- These terms are provided to complete this project within the proposed budget and time frame.
- Contract Terms and Statement of Liability available upon request.
- InForum & Dialogue systems are manufactured and packaged by INTAGLIO; they are proprietary and are covered by individually stated warranties as system Equipment.

Oshtemo Charter Township

Oshtemo Fire House # 2 - Training Room Upgrade

10-21-2015

Presented by: Bill Streb
Account Executive
bstreb@intaglioav.com
616.648-1927

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This quote is for the Firehouse #2 Training Room.

Intaglio will install a wall mounted Da-Lite Contour Electrol screen with a viewing area of 72.5" H x 116' W near the location of the current screen on the front wall.

We will install a Panasonic PT-VZ570U projector. This projector has a 4800 lumen brightness rating, Native resolution is 1920 x 1200.

Program audio will be provided by (2) JBL Control 28 speakers mounted flanking the screen.

It was requested that we include a wireless mic for presenter reinforcement. We recommend a Shure wireless lavalier microphone. The presenter's voice will be heard at a uniform volume through out the room, from (9) JBL Control 26CT speakers installed in the ceiling.

The quote also includes a Denon Blu-Ray player.

The entire system will be controlled by a wall mounted Crestron Touch Panel. The Touch Panel will turn the system on/off, choose input selection for the projector, control the raising/lowering of the screen, and control volume levels.

Training is included in this package.

INTAGLIO, LLC
5809 Cross Roads Commerce Parkway, Suite 200
Grand Rapids, MI 49519

800-632-9153
info@intaglioav.com
www.intaglioav.com

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Firehouse # 2 Training Room

Projection

1	**KITMS003W Projector Mounting Kit** Projector Kit Includes RSMAUW, CMS003W, CMS440	$277.33
1	**PT-VZ570** WUXGA(1920x1200), 4800lm (Ansi) Portable Projector	$2,010.98
	Projection Total:	$2,288.31

Screen

1	**Contour Electrol 72.5" X 116" viewing area, HCMW** Contour Electrol 72.5" X 116" viewing area, HCMW	$1,201.60
	Screen Total:	$1,201.60

Speakers

9	**6.5" Ceiling Loudspeaker** Ceiling Speaker, 6.5" w/ 70 Volt Transformer	$1,413.72
2	**8" High Output Loudspeaker** High Output Indoor Outdoor Background/Foreground Loudspeaker	$485.52
	Speakers Total:	$1,899.24

Touch Panel

1	**5" Touch Screen** 5 Touch Screen, White Smooth	$866.67
	Touch Panel Total:	$866.67

Blu-Ray

1	**1 RU Professional Blu-Rau Disc Player** 1 RU Professional Blu-Rau Disc Player	$379.41

* Price Includes Accessories

Presented By: Intaglio, LLC

Project Name: Oshtemo Fire House # 2 - Training Room Upgrade

Project No.: 3809

10/22/2015

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	Blu-Ray Total:	$379.41

Wireless Mic

1	**Wireless Microphone Kit** System Include SLX1 bodypack transmitter nd WL185 Microflex Cardioid Lavalier Microphone	$621.33
	Wireless Mic Total:	$621.33

Customer Connection Cables

2	**12' Micro VGA w/Audio** 15-Pin High Definition Male to Male Micro High Resolution Audio Cable - 12'	$80.00
2	**12' HDMI Cable, Ultra Series** HDMI Cable, Ultra Series, 12'	$120.00
	Customer Connection Cables Total:	$200.00

Rack

1	**Laminate rack, 16 space, 22" depth** BRK series laminate rack, 16 space, 22" depth	$165.31
1	**Power Strip** Rack Mount Power Strip, 9 Outlet, Surge / Spike, 9' Cord	$102.00
1	**Glass door, 16 space BRK/OBRK rack** Glass front door for 16 space BRK/OBRK series	$130.49
1	**Caster kit, RK, BRK, MBRK, OBRK rack** Caster kit for RK, BRK, MBRK and OBRK series rack with two locking wheel	$39.40
	Rack Total:	$437.20

System

1	**Cat5 14' Black** Cat5 14' Black	$4.81

* Price Includes Accessories

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2	**2' CAT6 Cable - Black** 2' CAT6 Cable - Black	$5.68
1	3-Series 4K DigitalMedia presentation system 150	$3,333.33
1	**4K DigitalMedia BG+ Receiver & Room Controller 100** 4K DigitalMedia BG+ Receiver & Room Controller 100	$600.00
1	**DigitalMedia Transmitter** DigitalMedia Transmitter, 2 Gang Decora, White, HDMI / VGA / Audio	$933.33
1	**Solid-State 2-Channel Amplifier** Solid-State 2-Channel Amplifier 500W Per Channel 4 Ohm Dual	$685.21
1	**6' HDMI Ultra Cable** 6' HDMI Ultra Cable	$46.67
1	**HDMI Cable** HDMI Cable, Micro Series, 3'	$33.33
1	**Project Parts** Parts & Hardware Required for Installation	$300.00
1	**80W, 70V/100V, 1 RU amp** 80W, 70V/100V, 1 RU amp	$359.33
1	**Solus Audio DSP** Solus Audio DSP, 4x4 Matrix	$1,305.33
1	**10/100 8-Port PoE Switch** Ethernet Switch, 10/100, 8-Port w/ 4-Port PoE	$57.38

* Price Includes Accessories

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System Total: $7,664.40

Installation

1	**Project Labor** Design, Documentation Be sure to enter Engineering Labor breakout in the Long Description. Enter number of Engineering hours in the 'labor hours' field.	$1,000.00
1	**Project Labor** On / Off Site Installation Be sure to enter Installation Labor breakout in the Long Description. Enter number of Installation hours in the 'labor hours' field.	$3,230.00
1	**Project Mileage** Travel Mileage	$347.70
1	**Project Labor** Control System, Audio System, On & Off Site Programming	$1,500.00
1	**Project Travel Hours** All Project In-Transit Hours	$382.20

Installation Total: $6,459.90

Shipping

1	**Project Shipping** Estimated In-Bound & Out-Bound Shipping & Handling Actual will be pre-paid and included on final invoice.	$275.00

Shipping Total: $275.00

Firehouse # 2 Training Room Total: $22,293.06

Project Subtotal: $22,293.06

* Price Includes Accessories

Presented By: Intaglio, LLC

Project Name: Oshtemo Fire House # 2 - Training Room Upgrade

Project No.: 3809

10/22/2015

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Project Summary

Equipment:	**$15,558.16**
Labor:	**$6,734.90**
Grand Total:	**$22,293.06**

Client: **Nancy Culp** **Date**

Contractor: **Intaglio, LLC** **Date**

* Price Includes Accessories

Presented By: Intaglio, LLC 10/22/2015

Project Name: Oshtemo Fire House # 2 - Training Room Upgrade Project No.: 3809

INTAGLIO
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Service & Warranty Commitment

INTAGLIO strives for 100% client satisfaction on every project. The hallmark of this commitment is a comprehensive warranty on every new installation and service after system installation as outlined herein.

PROJECTS
This commitment applies only to newly installed, custom designed audiovisual systems. It does not apply to branded product manufactured or packaged by INTAGLIO including InForum or Dialogue systems, which carry individual statements of warranty.

START DATE
Due to the range in complexity of the systems INTAGLIO designs and installs, and based on the needs of individual clients, the Warranty start date can vary on each project based on the following criteria. Projects with multiple systems or phases may have multiple Warranty start dates by system.

- First Use – when the system is complete enough to be used for its intended purpose by the client, regardless of finish state.
- Substantial Completion / Turnover – when the system is usable for its intended purpose, while there may be some minor details to finish, whether the client opts to use the system immediately or not.
- Invoice – some manufacturers require warranty to begin on the date of invoice whether the equipment is capable of being used or not.

Projects are placed into Service status at the time of final sign-off. This status defines that the project is complete and all further work, unless otherwise noted in closeout documentation, is to be handled under the Terms & Conditions of Service.

WORKMANSHIP WARRANTY
Includes all work on the project performed by INTAGLIO staff or those working directly for INTAGLIO (sub-contractors). INTAGLIO warrants newly installed systems to be free of defects in workmanship for a period of two (2) years. Within this period, INTAGLIO will repair, or replace at its option, any defect caused by INTAGLIO staff during the installation phase of the project or subsequent approved service of the system within this warranty period.

CUSTOM PROGRAMMING WARRANTY
INTAGLIO freely issues all custom programming for non-branded product to its clients upon receipt of final payment. Custom Programming is issued for client records only and is warranted for a period of one (1) year. This warranty applies only to the custom programming installed as-is at the time of project sign-off. Custom Programming may include proprietary modules and intellectual property of INTAGLIO that is protected from access or modification.

EQUIPMENT WARRANTY
Includes all portions of the project having stated manufacturer warranty periods and conditions. The vast majority of industry equipment is warranted by manufacturers for "depot repair" within their own certified facilities; this requires the equipment to be de-installed, shipped, received and re-installed for all warranty work. INTAGLIO neither implies nor assumes any responsibility for time and materials required to warrant equipment under such conditions – this is billable time and materials. Unless specifically authorized by INTAGLIO, client staff or sub-contractors should not attempt to perform warranty required work which may void the system warranty as a whole – see Terms and Conditions.
INTAGLIO service may be engaged to handle in and out of warranty issues with owner furnished or existing equipment under the regular Terms and Conditions of this Commitment. Original supplier information may be required of the client to process such requests.

SERVICE WORK
All work associated with Warranties and after project closeout is considered "Service" and will be billed at standard Service Rates as outlined in the Terms and Conditions of this Commitment.

MAINTENANCE & SERVICE AGREEMENTS
INTAGLIO offers comprehensive Maintenance and Service Agreements tailored to the client's specific needs. A separate document will be produced for each Maintenance and/or Service Agreement and may alter the descriptions, Terms and Conditions of this standard Warranty & Service Commitment. All subsequent Agreements will supersede this Commitment.

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SERVICE REQUESTS

In the event of system failure the client should use one of two methods to contact INTAGLIO:

- Email to service@intaglioav.com
- Phone / Voicemail at 800-632-9153

When submitting a service request the following information is required to expedite the request without delay:

- System Location / INTAGLIO Project Number – campus, building, room
- Symptoms of Error – what is not working
- Troubleshooting Performed – any steps taken to remedy the problem (i.e. system reboot)
- Priority – is the repair needed immediately, or can it wait – see below for standard Warranty response times
- Contact Information – the person responsible for the system and that can financially authorize repair work, phone number AND email address

All service requests will be acknowledged within one (1) business hour with return phone call or email to the client representative. At this time the Service Coordinator will establish an Estimate for Repair and will email the document to the client representative for approval. The estimate will include a description of the problem, anticipated on-site response window, and anticipated hours for completion of work. The estimate should not be construed as a not-to-exceed price for repair – all Service will be billed on a time and materials basis. Written approval of the estimate is required for dispatch of service personnel. Approval of the estimate and pre-authorization for payment must be made via email from the client representative to service@intaglioav.com and include the estimate number. The estimate will be updated regularly through the repair process to include any additional costs or information; updates will be emailed to the client representative. Issues that cannot be reliably reproduced may take additional time and effort to troubleshoot and diagnose – progress billing will be used in such cases per the terms herein.

Response and service completion times may only be estimated due to a number of factors including, but not limited to; service location, availability of a technician, availability of replacement or repaired equipment, equipment repair time, site access and nature of the problem. Guaranteed response times are available under Service Agreement. Ask your Account Manager for more details.

INDEMNITY

INTAGLIO shall be held harmless for the loss of productivity and revenue caused by system failure of any kind and the effort it takes to repair any covered failure.

TERMS AND CONDITIONS

- Normal business hours are defined as 8a-5p (EST) Monday – Friday, excluding office closures for holidays, inclement weather and special events.
- A business hour is defined as sixty (60) full minutes occurring within normal business hours.
- Service time and mileage will be billed at the following rates:

o $85.00 (USD) per hour per technician for general diagnostics and repair, minimum 1 hour.
o $125.00 (USD) per hour per technician for technical diagnostics, repair and programming, minimum 2 hours.
o $65.00 (USD) per hour for travel, billed by ¼ hour.
o Labor outside normal business hours will be billed as overtime at 1.5x standard hourly rate.
o $0.61 (USD) per road-mile traveled.
o Client is responsible for accurate description of symptoms to assist in determining skill level required for repair.
o Client will be billed for repeat trips or downtime due to unavailability of systems / rooms or work stoppages out of the control of INTAGLIO.

- Payment for Service calls must be pre-authorized via credit card or purchase order. This may be established at project closeout or on a case-by-case basis at the time of Service request. Payment is due at the time Service is rendered.
- Shipping and handling, travel and lodging, and special equipment (i.e. man-lift) required to remedy Service calls will be passed through at cost + reasonable arrangement or handling fee to the client. Invoices for these costs will be presented at the time of billing.
- INTAGLIO does not warrant the configuration of owner furnished networks or other communication devices integral to the function of the installed system.
- INTAGLIO does not warrant owner furnished equipment integrated or used with the installed system.
- The integrity of warranties offered by INTAGLIO is contingent upon proper use of the system as outlined in the functional description and scope of work approved by the client, including all change-orders. Use of the system outside that which is defined, or abuse of the system as determined at INTAGLIO or the affected equipment manufacturer's sole discretion will result in all warranties for the system becoming null and void. Additional actions and events that will void these warranties include, but are not limited to:

o Manipulation of, service to, or reconfiguration of any system component hardware, software, or programming by anyone other than INTAGLIO staff without expressed written authorization on a case-by-case basis from INTAGLIO. Consult INTAGLIO prior to updating any client-managed device software (i.e. video conference codec, network infrastructure), which could "break" the system programming.
o Damage caused by man-made or natural disasters, or systems and equipment not supplied by INTAGLIO, or by

another system or equipment supplied by INTAGLIO that would not normally support the damaged system or has its own stated warranty (i.e. InForum / Dialogue).

o Failure to pay in full any invoice for initial system installation or service work within 30 days of due date.

INTAGLIO, LLC
5809 Cross Roads Commerce Parkway, Suite 200
Grand Rapids, MI 49519

800-632-9153
info@intaglioav.com
www.intaglioav.com

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Terms & Conditions

In order for INTAGLIO to provide timely, efficient and accurate audiovisual system integration, this Proposal is based on the following expectations and transaction requirements:

- This Proposal may require approval of aesthetic and custom design elements prior to ordering equipment, custom programming, drawings and installation. Timely approvals will prevent delays and possible change order to extend the project deadline or for additional costs incurred by delays. All approvals shall be made in writing to the Account Manager for proper documentation.
- Work area is to be available during times arranged prior to installation and clear of obstructions and occupants. Additional trips and downtime caused by unavailability of the space will be billed at standard rates plus reasonable fees associated with the work to have been performed.
- An estimate for travel costs is included in the Proposal. Actual travel costs will be billed.
- INTAGLIO staff will not work in unsafe environments as determined by our staff or other safety official. Nor will our staff perform work other than that generally associated with low-voltage audiovisual system installation using best practices.
- The work area should be free of dirt and debris at the time of equipment installation. The Owner may be required to approve installation of equipment in dirty environments with signature. Such conditions may impact warranties.
- Security of installed equipment and equipment stored on-site is the responsibility of the Owner.
- A licensed and qualified electrical contractor must perform all high-voltage electrical work. Such work and the cost thereof are outside the scope of this Proposal and is the responsibility of the Owner.
- Conduits, back boxes, floor boxes and other raceways required for proper system installation and function by the Owner or applicable State and Federal Codes are the responsibility of the Owner and are not included in this Proposal.
- Change requests and orders are to be made in writing to the project Account Manager for proper quoting and update of the Scope of Work and project timeline.
- Cancellations and returns of equipment in-transit or received are subject to manufacturer approval and will incur a minimum 15% restocking fee plus reasonable ordering, shipping and handling fees. Cancellation must be made in writing to the project Account Manager.
- Cancellation of an approved project is subject to a cancellation fee of 5% of the total project price plus applicable restocking fees, and payment for time and materials used and procured for the project to date. Cancellation must be made in writing to the project Account Manager.
- Custom system documentation will be provided after final payment is received and will consist of the following when applicable:
  - o As-Built Drawings
  - o Manufacturer Supplied Equipment Manuals & Peripherals (remotes, connectors, etc.)
  - o Custom Programming Code
- See the Warranty and Service Commitment document included with this Proposal for specific terms. INTAGLIO warrants installation workmanship on all new projects for a period of two (2) years, custom programming for a period of one (1) year, and honors manufacturer equipment warranties.
- Payment Terms:
  - o 50% Due Upon Project Approval
  - o 40% Invoiced Upon Substantial Completion
  - o 10% Invoiced Upon Final Sign-Off
  - o All invoices due Net 30.
- These terms are provided to complete this project within the proposed budget and time frame.
- Contract Terms and Statement of Liability available upon request.
- InForum & Dialogue systems are manufactured and packaged by INTAGLIO; they are proprietary and are covered by individually stated warranties as system Equipment.

Memo

charter township
oshtemo
est. 1839

To: Oshtemo Charter Township Board

From: James W. Porter

Date: October 5, 2015

Subject: Proposed Public Informational Sign Ordinance

OBJECTIVE

To adopt a Township Ordinance which authorizes the Township to install public informational signs within the public right-of-way.

BACKGROUND

We had requested of the Kalamazoo County Road Commission permission to install neighborhood watch signs within the road right-of-way. That request was rebuffed and in Ms. Johnson's letter to me, specifically pointed out that the Township had not taken formal steps to enact an Ordinance to authorize such signs. This proposed Ordinance would remedy that deficiency.

INFORMATION PROVIDED

Attached hereto a copy of the proposed Public Informal Sign Ordinance. In addition, I have attached a copy of MCL 42.16 which specifically authorizes a township board of a charter township to exercise power to establish, vacate, use, control and regulate the use of the streets, alleys, bridges and public places of the township, and such regulation is deemed a matter of "local concern." The statute goes on further to say that such power over the public streets, alleys, bridges and public places includes the authority to license and regulate or prohibit the placing of signs upon streets of the township.

This is not a close call, and if the Township Board wishes to exercise its authority in this area, it is fully authorized to do so pursuant to the Michigan Constitution, Article VII, Section 29 and MCL 42.16 as set forth above.

STATEMENT OF WHAT YOU ARE ASKING BOARD TO APPROVE

To approve for first reading the proposed Public Informational Sign Ordinance and set second reading for October 27, 2015.

Validity

Michigan Compiled Laws Annotated
Chapter 42. Charter Townships
the Charter Township Act (Refs & Annos)

M.C.L.A. 42.16

42.16. Regulation of use of streets, alleys, bridges, and public places; record of ordinances

Currentness

Sec. 16. Except insofar as limited by state law and the provisions of this act, the township board shall have power to establish and vacate and use, and to control and regulate the use of the streets, alleys, bridges, and public places of the township and the space above and beneath them, such regulation of its streets, alleys, bridges, and public places shall be deemed a matter of local concern. Nothing in this act shall be construed to repeal or nullify the provisions of Act No. 221 of the Public Acts of 1937. [1] Any ordinance concerning the operation of motor vehicles on any road, street or highway shall not become effective until 30 days after approval by the commissioner of the Michigan state police. A record of all ordinances so approved by the commissioner shall be kept on file in his office. Such power shall include, but not be limited to, the proper policing and supervision thereof; to the licensing and regulation, or the prohibition of the placing of signs, awnings, awning posts, and other things which are of such nature as to impede or make dangerous the use of sidewalks or streets, upon or over the sidewalks or streets of the township; and the licensing and regulation of the construction and use of openings in the sidewalks or streets, and of all vaults, structures, and excavations under the same.

Notes of Decisions containing your search terms (0) View all 2

Footnotes

1 M.C.L.A. §§ 750.497 to 750.498a.

M. C. L. A. 42.16, MI ST 42.16
The statutes are current through P.A.2015, No. 130, of the 2015 Regular Session, 98th Legislature.

End of Document

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OSHTEMO CHARTER TOWNSHIP ORDINANCE NO. _____

Adopted: _____, 2015

Effective: _____, 2015

THE CHARTER TOWNSHIP ORDINANCE

KALAMAZOO COUNTY, MICHIGAN

ORDAINS:

SECTION I. **TITLE OF ORDINANCE**.

This Ordinance shall be known and may be cited as the "Oshtemo Charter Township Public Informational Sign Ordinance."

SECTION II. **PURPOSE**.

The purpose of this Ordinance is to establish and provide for the permitting and regulation of public informational signs within the Township's public streets, alleys, bridges and public places in a manner consistent with Article 7, Section 29 of the Michigan Constitution of 1963 and Michigan Compiled Laws 42.16.

SECTION III. **DEFINITIONS.**

A. Public Information Sign. A sign advising a driver, bicyclist or pedestrian of information which may be of interest such as political boundaries, landmarks, historical markers or public facilities.

B. Emergency Service Sign. A sign advising and directing a driver, bicyclist or pedestrian to facilities providing emergency service or assistance such as hospitals, emergency service facilities, county or local agencies.

C. Public Transportation Sign. A sign advising and directing a driver, bicyclist or pedestrian to facilities providing commercial travel services such as airports, railroads, bus stations/bus stops, and park-and-ride facilities.

D. Neighborhood Watch Sign. A sign identifying an area or neighborhood with an active Neighborhood Watch Program.

SECTION IV. PERMISSIBLE SIGNS.

The following Public Informational Signs shall be allowed within the public right-of-way:

Signs for:

Public Facilities
Parks
Trails
Watersheds
Drug Free Zones
Neighborhood Watch
Adopt a Road Program
Emergency Services
Public Transportation
School/University
Historic Markers
Other signs deemed as public informational signs by the Township.

SECTION V. PERMITTING.

Unless otherwise provided for by this Section, all signs permitted under this Ordinance shall require a permit. No sign shall be installed until and unless a permit has been issued by the Township.

A permit issued pursuant to this Section becomes null and void if work has not commenced within 180 days of issuance. If work authorized by a permit is suspended or abandoned for more than 180 days, the permit must be renewed with an additional payment of one-half of the original fee as provided on the fee schedule adopted by the resolution of the Township Board.

Before issuing a permit, the Township shall coordinate the location and permitting of the sign with the Kalamazoo County Road Commission's permit agent for the Township.

Signs permitted under this Ordinance which are to be installed on behalf of the Township shall not require a permit. All other regulations shall apply.

SECTION VI. REGULATIONS.

All Public Information Signs shall comply with the following and shall be fabricated from a single sheet of .080 thickness of 5052 H38 aluminum:

- Shall be installed in a manner consistent with the installation provisions of Uniform System of Traffic Control Devices Manual as adopted by the State Highway Commissioner pursuant to MCL 257.608;
- Shall be designed in a manner so as not to imitate or resemble a traffic control device.
- Shall not hide from view or interfere with the effectiveness of any traffic control device or railroad sign.
- Shall not contain any blinking, oscillating or rotating lights.
- Shall not be placed closer than 10 feet of the traveled portion of the highway or closer than 10 feet either side of a traffic light and signal.
- Shall not interfere with the clear view area at intersections.
- Shall not exceed 24 inches in width by 18 inches in height.

SECTION VII. MAINTENANCE.

All signs erected pursuant to this Ordinance shall be properly maintained. Exposed sign surfaces shall be clearly visible. Defective, worn or damaged signs or parts thereof shall be replaced.

SECTION VIII. RULE OF CONSTRUCTION.

Any word or term not defined herein shall be considered to be defined in accordance with its common or standard definition.

SECTION IX. SEVERABILITY.

This Ordinance and the various parts, sections, subsections, sentences, phrases and clauses thereof are hereby declared to be severable. If any part, sentence, paragraph, section, subsection, phrase or clause is adjudged unconstitutional or invalid, it is hereby declared that the remainder of this Ordinance shall not be affected thereby.

SECTION X. ADMINISTRATIVE LIABILITY.

No officer, agent, or employee of Oshtemo Charter Township, or member of the Township Board shall render him/herself personally liable for any damage that may accrue to any person as a result of any act, decision, or other consequence or occurrence arising out of the discharge of his/her duties and responsibilities pursuant to this Ordinance.

SECTION XI. REPEAL.

All Ordinances or parts thereof which are in conflict in whole or in part with any of the provisions of this Ordinance as of the effective date of this Ordinance are hereby repealed to the extent of such conflict, except that terms defined herein for purposes of interpretation, administration and enforcement of this Ordinance only will in no way, manner or form repeal, notify or otherwise change the definition of any such terms as used in other Ordinances of Oshtemo Charter Township.

SECTION XII. EFFECTIVE DATE.

This Ordinance shall take effect upon publication after adoption in accordance with State law.

Deborah L. Everett
Oshtemo Charter Township Clerk

Memo

charter township
oshtemo
est. 1839

To: Oshtemo Charter Township Board

From: James W. Porter

Date: October 8, 2015

Subject: Proposed Public Water Service Ordinance Amendment

OBJECTIVE

To amend the Township's Public Water Service Ordinance.

BACKGROUND

We have had recent discussions with the new Director of Public Health, and while he is generally supportive of requiring connection to existing public water lines, it appears that there is some lessening in the level of commitment from County Health to require buildings to connect to an available public water supply. Therefore, the proposed Township Ordinance Amendment would require mandatory connection to public water mains for new buildings, or, if an existing well failed.

INFORMATION PROVIDED

A copy of the proposed Ordinance Amendment is attached hereto.

STATEMENT OF WHAT YOU ARE ASKING BOARD TO APPROVE

To review the proposed Ordinance Amendment and set it for first reading.

OSHTEMO CHARTER TOWNSHIP ORDINANCE NO. _____

Adopted: _____, 2015

Effective: _____, 2015

OSHTEMO CHARTER TOWNSHIP ORDINANCE

This Ordinance amends Ordinance No. 508, being the Oshtemo Charter Township Public Water Service Ordinance, adopted on November 24, 2009, as amended, and repeals all Ordinances or parts of Ordinances in conflict.

THE CHARTER TOWNSHIP OF OSHTEMO

KALAMAZOO COUNTY, MICHIGAN

ORDAINS:

SECTION I. AMENDMENT OF COMPILED SECTION 231.005. Compiled Section 231.005 Private water service connection fees and installation requirements, Paragraph 3 is hereby amended to read as follows:

231.005 Private water service connection fees and installation requirements.

Sec. 5.

* * *

3. *General.* Where, in the determination of the Township Board, public water service is reasonably available to a particular building in which water service is required, no new private wells shall be drilled to provide such water supply, and such buildings shall be connected to the public water system, either at the time of construction, when the existing private well, if any, requires re-drilling, or at any time, in the determination of the Township Board or the Kalamazoo County Health and Community Services Department, a health hazard exists or is fairly imminent from the existing water supply.

SECTION II. This Ordinance shall take effect upon publication. All Ordinances or parts of Ordinances in conflict with any of the provisions of this Ordinance are hereby repealed.

DEBORAH L. EVERETT, CLERK
OSHTEMO CHARTER TOWNSHIP

OSHTEMO CHARTER TOWNSHIP ORDINANCE NO. ____

Adopted: _____, 2015

Effective: _____, 2015

OSHTEMO CHARTER TOWNSHIP ORDINANCE

An Ordinance to amend the Oshtemo Charter Township Zoning Ordinance, by the rezoning of a parcel of land located in Land Section 10 from "AG" Agricultural District classification to the "RR" Rural Residential District zoning classification. The Ordinance repeals all Ordinances or parts of Ordinances in conflict.

THE CHARTER TOWNSHIP OF OSHTEMO
KALAMAZOO COUNTY, MICHIGAN
ORDAINS:

SECTION I. AMENDMENT OF LAND SECTION 10. The Oshtemo Charter Township Zoning Ordinance is hereby amended to rezone approximately 5.97 acres from "AG" Agricultural District to "RR" Rural Residential District located in the southeast quarter of Section 10, described as follows:

A parcel of land being the east 400.00 feet of the south 400.00 feet of the northwest quarter of the southeast quarter, and the east 400.00 feet of the north 200.00 feet of the southwest quarter of said southeast quarter, and the north 200.00 feet of the west 100.65 feet of the southeast quarter of said southeast quarter, all being located in Section 10, Town 02 South, Range 12 West, Oshtemo Township, Kalamazoo County, Michigan.

Generally described as that land beginning (in the center of the road) 200 feet south of the end of North 7th Street, west 500 feet, north 600 feet, east 400 feet, south 400 feet, east 100.65 feet to the center of North 7th Street, south 200 feet to place of beginning.

SECTION II. EFFECTIVE DATE AND REPEAL. All Ordinances or parts of Ordinances inconsistent with this amendment are hereby repealed. This Ordinance shall take effect in accordance with state law.

DEBORAH L. EVERETT, Clerk
OSHTEMO CHARTER TOWNSHIP

MEMORANDUM

TO: Township Board

FROM: James W. Porter

DATE: October 22, 2015

SUBJECT: State Assistance for Individuals to Pay Sewer/Water Connection Fees

At the Board's last meeting, a question arose as to what State assistance someone might be able to receive to pay for sewer and water connection fees if connections were made mandatory. The State of Michigan has had a long-term program for assisting senior citizens and disabled persons in paying for sewer/water connection fees.

Public Act 225 of 1976 established the right for senior citizens or totally and permanently disabled persons to receive assistance with the payment of connection fees. The Act provides for payment of:

> "An assessment against real property calculated on a benefit or ad valorem basis for curb and gutter, sidewalk, sewer, water, or street paving; a drain; <u>a connection fee or similar charge</u> for a sewer or water system . . . ." (emphasis added)

The only restriction was that the connection fee does not include charges for current service.

For an owner of a homestead to qualify, he/she must be 65 years of age or older or be totally and permanently disabled, a citizen of the United States, a resident of the State for five or more years, and the sole owner of the homestead for five or more years.

There are income limitations which are applied, and the maximum household income currently of the owner or owners cannot exceed $22,909.

If the person meets the statutory requirements, and he or she would apply to the Township for a deferment on a standardized application form, Form 2748. The form is then processed by the Township and submitted to the Michigan Department of Treasury. If the deferment is approved, the State pays the connection fee to the Township, and then the State places a lien on the property for the amount outstanding. The amount that is placed against the property would run with interest until the homestead owner passes away, at which point the connection fee would be paid off. In the alternative, the property owner could pay the connection fee off through the State at one-half percent per month. An individual who might have difficulty paying the connection fee to the Township due to the interest rate or 15-year limitation could pay it through the State.

I have attached Form 2748 to this Memo, along with a list of frequently-asked questions regarding "deferred special assessments," which includes connection fees for your review.

Michigan Department of Treasury
2748 (Rev. 02-15)

OFFICE USE ONLY
File No.

Senior Citizen or Totally and Permanently Disabled Person's Affidavit Requesting Special Assessment Deferment

Issued under authority of Public Act 225 of 1976; MCL 211.764

This is a loan to the property owner by the State of Michigan. A lien will be placed on the property. The lien will not be removed until the loan has been repaid at the time of sale or transfer of the property.

First Name and Middle Initial	Last Name	Social Security Number	Date of Birth
Spouse's First Name and Middle Initial (joint return only)	Spouse's Last Name	Spouse's Social Security Number	Spouse's Date of Birth
Home Address (number and street or RR#)			
City or Town	State	ZIP Code	Home Telephone Number

1. Are you (a) citizen(s) of the United States? ☐ Yes ☐ No
2. Have you been (a) resident(s) of Michigan for five years or more? ☐ Yes ☐ No
3. Are you currently and have you been the sole owner(s) of the homestead for five or more years? ☐ Yes ☐ No
4. a. Is there a mortgage or land contract on your homestead? ☐ Yes ☐ No
   b. Has the mortgage or land contract holder on your homestead contested to this request for a special assessment deferment? **(A copy of the written consent must be attached.)** ☐ Yes ☐ No
   c. Are you totally and permanently disabled and receiving benefits under Social Security? ☐ Yes ☐ No
5. Total household income for the prior calendar year ____
6. When is the next installment payment due on the special assessment? ____ mm/dd/yyyy
7. What is the type or purpose of the special assessment? ____
8. *I (we) declare under penalty of perjury that I (we) qualify for the deferment of special assessments on this homestead as defined in Public Act 225 of 1976, as amended; that I (we) have examined this affidavit, and to the best of my (our) knowledge and belief, it is true, correct, and complete; and I (we) acknowledge that the amount of the assessment deferred will be subject to an interest rate of one-half of one percent per month or fraction of a month.* ***I (WE) UNDERSTAND THAT IF THIS DEFERMENT IS AUTHORIZED, THE STATE WILL PLACE A LIEN ON MY PROPERTY.***

Signature	Date	Spouse's Signature	Date

9. Original amount of special assessment (must be $300 or more to qualify; attach tax bill) ____
10. Amount paid on special assessment by owner ____
11. a. Amount of assessment to be deferred (subtract line 10 from line 9) ____
    b. Amount of line 11a which is delinquent (attach tax bill) to:
    Local Unit ____
    County ____
12. Complete legal description of owned and occupied homestead, including local parcel number
13. *I have examined the above affidavit and determined that the amount claimed is correct. The above named applicant(s) is (are) aware of the one-half of one percent per month or portion of a month interest provision.* ***The consent of the mortgagee or land contract holder, if applicable, is attached*** *and the requirements of Public Act 225 of 1976, as amended, have been satisfied by the applicant(s).*

Assessing Officer Signature	County	
City, Village, or Township	Federal Employer I.D. Number	Assessor Telephone Number

Frequently Asked Questions (FAQs) About Deferred Special Assessments

What is a special assessment?

A *special assessment* is an assessment against real property calculated on a benefit or ad valorem basis. Special assessments are assessments for curbs, gutters, sewers, water, connection fees to sewers or water, sidewalks, street paving and drains. Special assessments DO NOT include charges for current service.

What is a homestead?

A *homestead* is a dwelling or a unit in a multiple-unit dwelling, owned and occupied as a home by the owner thereof, including all contiguous unoccupied real property owned by the same person. A homestead includes a dwelling and an outbuilding used in connection with a dwelling, situated on the lands of another.

Who is an owner?

An *owner* includes a person eligible for the special assessment deferment who is purchasing a homestead under a mortgage or land contract, or who owns a dwelling situated on the leased lands of another, or is a tenant-stockholder of a cooperative housing corporation.

What is household income?

Household income is the total income (taxable and nontaxable) of both spouses, or of a single person maintaining a household. It is the sum of your adjusted gross income (AGI) plus all income exempt or excluded from your AGI. Total household income includes wages, salaries, and tips; net income from a business, rent, or farm; Social Security less the amount deducted for Medicare premiums; Supplemental Security Income (SSI), Department of Human Services (DHS) and Family Independence Program (FIP) benefits; child support; alimony; unemployment, workers' and veterans' disability compensation; pension benefits; interest income; gifts and winnings in excess of $300, and other sources of income for all individuals living in the household.

Does the household income change from year to year?

The household income, as defined above, is indexed by the Consumer Price Index every year. **The maximum household income an owner or owners can have in the year 2014 is $22,909.**

What are the qualifications for obtaining a deferment?

To qualify for the special assessment deferment you or your spouse (if jointly owned) must:

A. Be 65 years of age or older at the time this affidavit is filed (**Exception: If you or your spouse are totally and permanently disabled, the age requirement is waived by authority of Public Act 360 of 1978, as amended**)

B. Have been a Michigan resident for five years or more and must have owned and occupied the homestead for five years or more

C. Be a citizen of the United States

D. Have a household income less than $22,909 for the year 2014. Household income is the total income (taxable and nontaxable) of both spouses, or of a single person maintaining a household. It is the sum of your AGI plus all income exempt or excluded from your AGI. Total household income includes wages, salaries, and tips; net income from a business, rent, or farm; Social Security less the amount deducted for Medicare premiums; SSI, DHS and FIP benefits; child support; alimony; unemployment, workers' and veterans' disability compensation; pension benefits; interest income; gifts and winnings in excess of $300, and other sources of income for all individuals living in the household

E. Have a special assessment of $300 or more

F. If a mortgage or an unpaid balance on a land contract encumbers the homestead, a deferment of special assessments shall not be made without the written consent of the mortgagee or the land contract vendor. **The consent letter must state that the mortgagee or the land contract vendor understands that the lien by the State of Michigan is the 'First Lien' on the property.**

Who approves the deferment of special assessment?

The deferment application is initially made to the local assessing officer in the city or township where the property is located. After the local assessing officer verifies the information provided, it is forwarded to the Department of Treasury for processing. The Department will approve the application if all of the requirements are met.

What happens after the approval by the Department of Treasury?

After the application is approved, the Department sends a check to the local unit of government to pay off the special assessment. The Department records a lien on the property in favor of the State of Michigan.

What do I need to do to release the lien on the property?

The money advanced to pay off the special assessment by the Department is a loan to the owner of the property. Like any other loan from a bank, the loan carries an interest (at present, one-half of one percent per month). The loan has to be paid back to the State before the lien is released.

The deferred special assessment has to be paid back when the property is sold or transferred. If not paid, there is an additional one percent per month added to the interest, computed from the date of transfer. If the owner of the property dies, the loan needs to be paid within one year after the death.

Memo

charter township
oshtemo
est. 1839

To: Oshtemo Charter Township Board

From: James W. Porter

Date: October 8, 2015

Subject: Proposed Wastewater Service Ordinance Amendment

OBJECTIVE

To amend the Township's Wastewater Service Ordinance.

BACKGROUND

Pursuant to MCL 333.12752, Section 12752 of the Public Health Code:

> "Public sanitary sewer systems are essential to the health, safety, and welfare of the people of the state. Septic tank disposal systems are subject to failure due to soil conditions or other reasons. Failure or potential failure of septic tank disposal systems poses a threat to the public health, safety, and welfare; presents a potential for ill health, transmission of disease, mortality, and economic blight; and constitutes a threat to the quality of surface and subsurface waters of this state. The connection to available public sanitary sewer systems at the earliest, reasonable date is a matter for the protection of the public health, safety and welfare and necessary in the public interest which is declared as a matter of legislative determination."

Available public sanitary sewer is defined by MCL 333.12751, Section 12751 of the Michigan Public Health Code, as follows:

> "(c) "Available Public sanitary sewer system" means a public sanitary sewer system located in a right of way, easement, highway, street, or public way which crosses, adjoins, or abuts upon the property and passing not more than 200 feet at the nearest point from a structure in which sanitary sewage originates."

As the Board discussed, a proposed amendment to the Ordinance would require a mandatory connection for all sanitary sewer systems which reach or exceed the normal useful life of a septic system in Michigan, i.e., 15 years.

A question has arisen as to how the Township would require this connection, and the answer is relatively simple. MCL 333.12753, Section 12753 of the Michigan Public Health Code, Subsection (3) reads as follows:

> "(3) Except as provided in subsection (4), the connection provided for in subsections (1) and (2) shall be completed promptly but not later than 18 months after the date of occurrence of the last of the following events or before the city, village, or township in which the sewage originates requires the connection:"
>
> (a) publication of a notice by the governmental entity . . ., or
> (b) modification of a structure so as to become a structure in which sanitary sewage originates.

Therefore, pursuant to Michigan law, anyone with available public sanitary sewer would have to connect not later than 18 months after published notice or generating sanitary sewage.

However, there was an exception provided to Subsection (3) and that is a township may enact an ordinance to adopt regulations to establish a different standard. The state statute says that the township "may" shorten the period for reasons of public health, but if there is no immediate public health reason, I believe that the Township then also has the latitude, per ordinance, to adopt a different standard regarding connection.

Given that, I thought it would be easier to use a 24-month notice period versus an 18-month notice period simply for ease of keeping the public record. However, the Board could reduce it to the 18-months as provided for in state law, or you could reduce it to an even shorter period after notice. Also, I believe the Township has the authority in lieu of published notice to provide direct notice to those with available public sewer at or nearing the end of its useful life.

It has come to our attention that the Kalamazoo County Health and Community Services Department, operating under a new Director, is generally supportive of requiring connection to available public sewer, but has given some indication that it is not as adamant about it as past administrations. Given that, it behooves the Township, for purposes of maintaining public health, safety, and welfare, to enact its own provisions to protect the Township residents.

INFORMATION PROVIDED

A copy of the proposed Wastewater Service Ordinance Amendment adding Subsection 8 to the Ordinance.

STATEMENT OF WHAT YOU ARE ASKING BOARD TO APPROVE

Consider the proposed Ordinance Amendment and set it for first reading.

OSHTEMO CHARTER TOWNSHIP ORDINANCE NO. ____

Adopted: _____, 2015

Effective: _____, 2015

OSHTEMO CHARTER TOWNSHIP ORDINANCE

This Ordinance amends Ordinance No. 208, being the Oshtemo Charter Township Wastewater Service Ordinance, adopted on February 19, 1985, as amended, and repeals all Ordinances or parts of Ordinances in conflict.

THE CHARTER TOWNSHIP OF OSHTEMO

KALAMAZOO COUNTY, MICHIGAN

ORDAINS:

SECTION I. ADDITION OF COMPILED SECTION 232.008 AND RENUMBERING SECTIONS 232.008 THROUGH 232.027. Sections 232.008 through 232.027 are renumbered to be Sections 232.009 through 232.028 and new Compiled Section 232.008 Timing of Connections is hereby added to read as follows:

232.008 Timing of Connections.

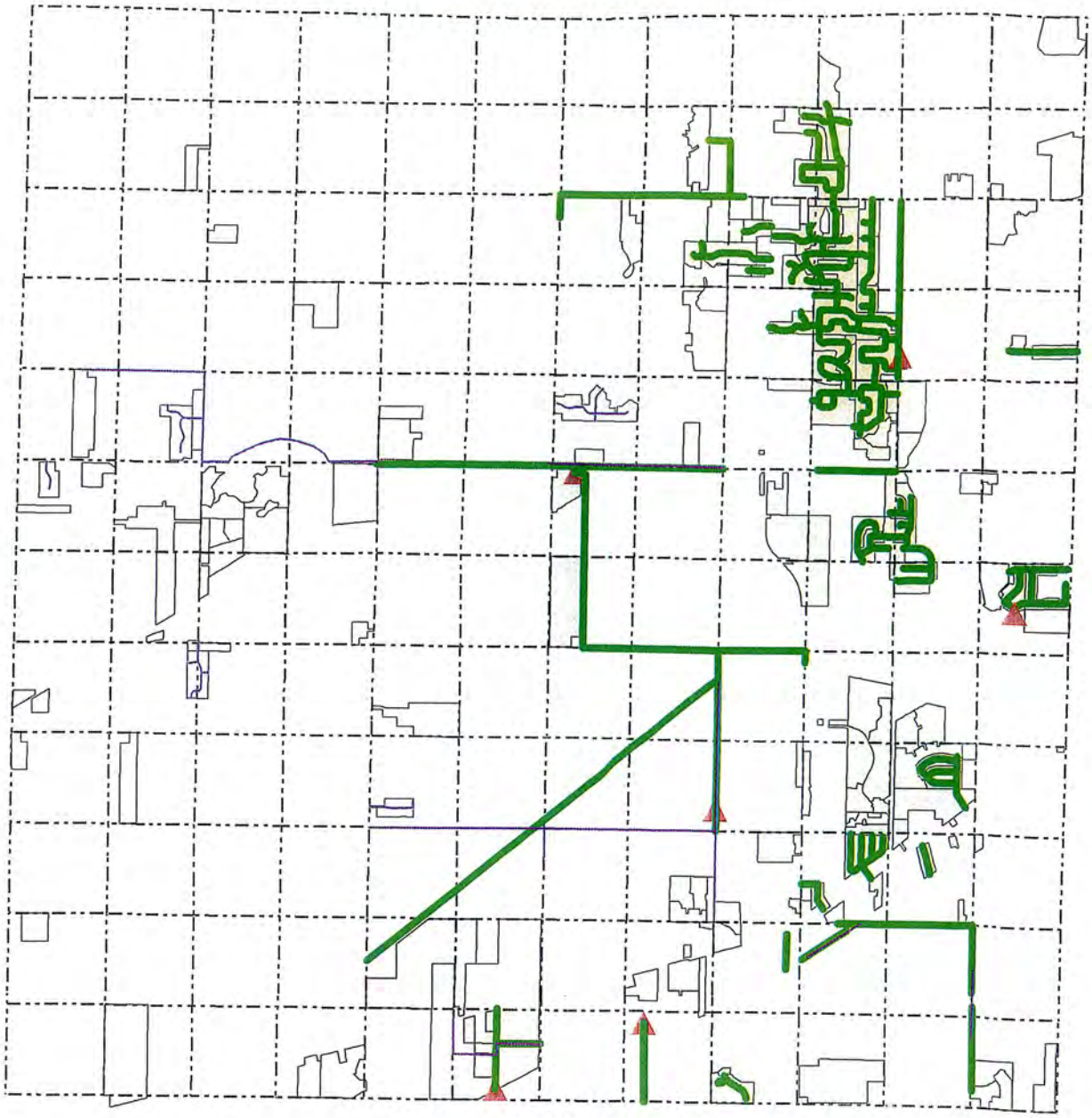
Sec. 8.

Any premises abutting a public sewer main, requiring sewage disposal service, and which is currently served by, or, at the end of the two-year notice period, will be served by, a septic system which is more than fifteen (15) years, shall be connected to the abutting sewer system within two (2) years following the installation of said system, or, within two (2) years of notification of availability of sewer service by the Township, or at such earlier time as the private sewage disposal system serving the premises requires replacement, a new tile field, new dry well, or new septic tank. Wastewater and sewage disposal facilities in all buildings hereafter constructed shall be connected to the public sewer system if sewer mains are located in the abutting street at the boundaries of the site at the time of construction. New plats and subdivisions shall be developed with public water and/or sewer mains at the time of street construction if public water and/or sewer service is available at or near the boundaries of the plat or subdivision. The Township Board shall have the right to determine whether the service is sufficiently near to require such public service main installation.

SECTION II. This Ordinance shall take effect upon publication. All Ordinances or parts of Ordinances in conflict with any of the provisions of this Ordinance are hereby repealed.

DEBORAH L. EVERETT, CLERK
OSHTEMO CHARTER TOWNSHIP

CIP Public Sanitary Sewer



Charter Township of Oshtemo
Kalamazoo Co., Michigan

charter township
oshtemo
est. 1839

Planned Sanitary Extension

Planned Sanitary Pumpstation

Planned Water Extension

Plat

Condo

N
W
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S

This map is for reference purposes only. While it is intended to be an accurate graphic representation, its accuracy cannot be guaranteed. Any conclusions or information derived from this map are at the users sole risk.

Date: 10/13/2015

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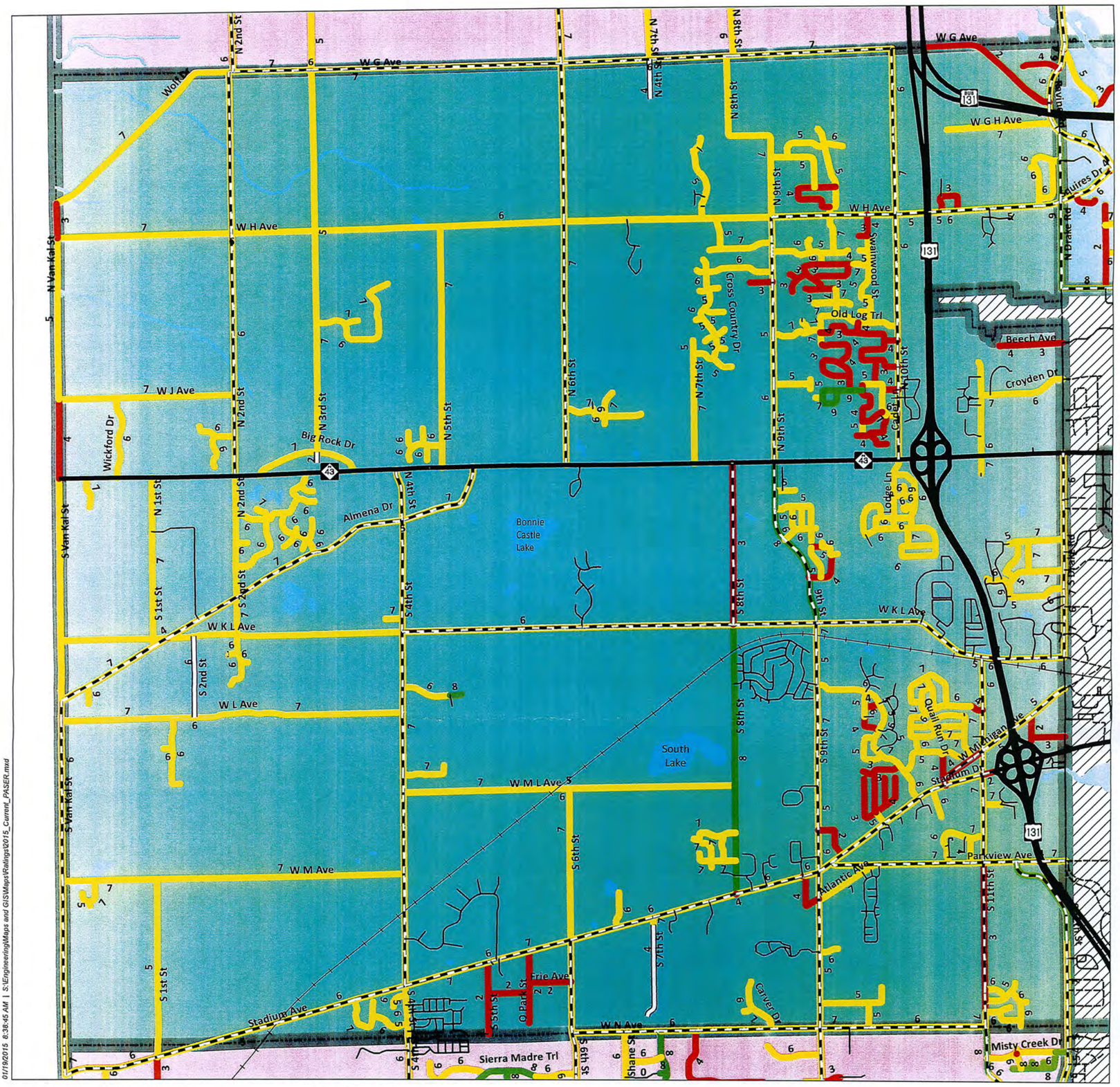
2015 Current Asset Management Ratings Map

Oshtemo Twp



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ASSET MANAGEMENT

Asset Management is a systematic approach to selecting the best investment at the right time to maximize the life of the asset being measured, in this case, road surface conditions. The goal is to maintain our roads in good condition, making periodic investments in the pavement, rather than letting it deteriorate to a level that requires a major investment to bring it back to a good condition. Periodic maintenance investments typically total less than the major investment required to rebuild a road.

PASER RATINGS

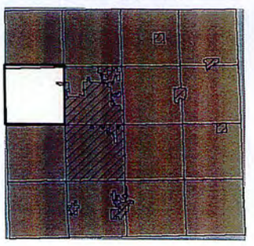
PASER stands for Pavement Surface Evaluation and Rating. The PASER rating scale ranges from 1, failed condition, to 10, brand new pavement. A pavement will only be a 10 the first year of its life, the second year it may automatically become a 9. Any condition of 8 or greater is considered to be a good condition, 7, 6 or 5 are fair, 4 or lower is poor.

THE RIGHT FIX AT THE RIGHT TIME

The KCRC determines the best fix to optimize service life for each of our projects. Good pavement management involves less expensive treatments earlier in the life of the pavement in order to take full advantage of infrastructural investments.

N

Township Key



Road Classifications

- State Trunkline
- County Primary
- County Local - Gravel
- City
- Private

Road Ratings

- Good (8, 9, 10)
- Fair (7, 6, 5)
- Poor (4, 3, 2, 1)
- Private Roads (Not Rated)
- Lakes & Rivers

Boundary Designations

- Township/City
- City/Village Limits

For more information on this, as well as on other topics, please feel free to contact our office or visit our website.

Kalamazoo County Road Commission
3801 East Kilgore Road
Kalamazoo, MI 49001
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Fx: (269) 381-1760
www.kalamazoocountyroads.com