City of Tipton, Iowa

Meeting:	**Tipton City Council Meeting**
Place:	**Tipton City Hall, 407 Lynn Street, Tipton, Iowa 52772**
Date/Time:	**September 21, 2015 – 5:30 PM**
Web Page:	**www.tiptoniowa.org**
Posted:	**September 18, 2015 (Front door of City Hall & City Website)**

Mayor:	Shirley Kepford	**City Manager:**	Chris Nosbisch
Council At Large:	David Fry	**City Attorney:**	Lynch Dallas, P.C.
Council At Large:	Pam Spear	**City Clerk:**	Lorna Fletcher
Council Ward #1:	Beau Holub	**Deputy City Clerk:**	Amy Lenz
Council Ward #2:	Dean Anderson	**D. of Public Works:**	Steve Nash
Council Ward #3:	Dawn Siech	**Chief of Police:**	Heath Holub

A. **Call to Order**
B. **Roll Call**
C. **Pledge of Allegiance**
D. **Agenda Additions/Agenda Approval**
E. **Communications:**
   1. Unscheduled
   2. Fire Department Activity for FY 2014-2015

If you wish to address the City Council on subjects pertaining to today's meeting agenda, please wait until that item on the agenda is reached. If you wish to address the City Council on an item **not** on the agenda, please approach the lectern and give your name and address for the public record before discussing your item.

F. **Consent Agenda**
Note: These are routine items and will be enacted by one motion without separate discussion unless a Council Member requests separate consideration.
   1. Approval of City Council Minutes
   2. Accept Clerk/Investment Reports
   3. Accept August Water Report
   4. Accept August Airport Committee
   5. Accept July Library Board Minutes
   6. Accept July Library Director's Report
   7. Accept August Library Director's Report

G. **Public Hearing**
   1. None

H. **Ordinance Approval/Amendment**
   1. None

I. **Resolutions for Approval**
   1. None

J. Mayoral Proclamation

1. Proclamation to Commemorate September 17 to September 23 as Constitution Week

K. Old Business

1. Discussion and Consideration of Purchasing a Reel Trailer – Electric Department – Council Action as Needed *(tabled, September 9, 2015)*

L. Motions for Approval

1. Consideration of Claims List – Motion to Approve
2. Discussion and Consideration of Open Records Request Policy – Council Action as Needed

M. Reports to be Received/Filed

1. None

N. Discussion Items (No Action)

1. Sales Tax
2. Plum Street Sidewalks

O. Reports of Mayor/Council/Manager

1. Mayor's Report
2. Council Reports
3. Committee Reports
4. City Manager's Report

P. Adjournment

Pursuant to §21.4(2) of the Code of Iowa, the City has the right to amend this agenda up until 24 hours before the posted meeting time.

If anyone with a disability would like to attend the meeting, please call City Hall at 886-6187 to arrange for accommodations/transportation.

E. Communications

Tipton Fire Department
Serving Since 1863

407 Lynn St., Tipton, IA 52772
Phone 563-886-6187

ACTIVITY FOR FY 2014-2015

92 INCIDENTS [38 CITY - 40 RURAL – 7 MUTUAL AID – 10 I-80]
12 MEETINGS
16 DRILLS
10 PRE-PLANS
2 HOSE TEST
.....
132 – TOTAL CALL OUT

TOTAL INCIDENT HOURS ----------2013
TOTAL TRAINING HOURS ----------1288
TOTAL PR/EDUCATION ----------200

TOTAL MANHOURS ----------3501

AVERAGE ROLL-OUT TIME REMAINS LESS THAN FOUR MINUTES

INCIDENTS BY TYPE:

ACCIDENT	23
AMBULANCE ASSIST	8
ELECTRICAL PROBLEM	1
FALSE ALARM	9
FIRE – GRASS	16
FIRE - OTHER	7
FIRE – STRUCTURE	11
FIRE – VEHICLE	6
GAS ODOR	9
RESCUE – OTHER	1
RESCUE – WATER	2
SEARCH FOR PERSON	1
STORM WATCH	3

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DEPARTMENT RUN LIST 2014-2015

CALL DATE	INCIDENT NUMBER	INCIDENT TYPE	DATE ENTERED	ENTERED BY
6/27/2015	TFD2015-061	No incident found on...	7/1/2015	Curt Woode
6/26/2015	TFD2015-060	Outside rubbish, tra...	7/1/2015	Curt Woode
6/23/2015	TFD2015-059	System malfunction, ...	7/1/2015	Curt Woode
6/22/2015	TFD2015-058	Severe weather or na...	7/1/2015	Curt Woode
6/20/2015	TFD2015-064	Severe weather or na...	7/6/2015	Sean Paustian
6/16/2015	TFD2015-062	Dispatched and cance...	7/1/2015	Curt Woode
6/4/2015	TFD2015-057	Extrication, rescue,...	6/4/2015	Sean Paustian
5/27/2015	TFD2015-056	Carbon monoxide inci...	7/1/2015	Curt Woode
5/26/2015	TFD2015-054	Dispatched and cance...	5/26/2015	Curt Woode
5/26/2015	TFD2015-055	Accident, potential ...	5/26/2015	Sean Paustian
5/25/2015	TFD2015-053	No incident found on...	5/26/2015	Curt Woode
5/19/2015	TFD2015-052	Smoke or odor remova...	5/26/2015	Matt McCall
5/12/2015	TFD2015-051	Extrication, rescue,...	5/12/2015	Sean Paustian
5/3/2015	TFD2015-050	Extrication, rescue,...	5/5/2015	Sean Paustian
5/2/2015	TFD2015-049	Outside rubbish fire...	5/5/2015	Sean Paustian
5/1/2015	TFD2015-048	Fire, other	5/5/2015	Sean Paustian
4/20/2015	TFD2015-047	No incident found on...	4/22/2015	Curt Woode
4/17/2015	TFD2015-044	Grass fire	4/18/2015	Sean Paustian
4/17/2015	TFD2015-045	Grass fire	4/22/2015	Curt Woode

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4/13/2015	TFD2015-042	Building fire	4/13/2015	Sean Paustian
4/13/2015	TFD2015-043	Cultivated vegetatio...	4/14/2015	Sean Paustian
4/11/2015	TFD2015-040	Cultivated vegetatio...	4/13/2015	Sean Paustian
4/11/2015	TFD2015-041	Dispatched and cance...	4/13/2015	Sean Paustian
4/9/2015	TFD2015-039	Severe weather or na...	4/11/2015	Curt Woode
4/6/2015	TFD2015-038	Outside rubbish fire...	4/7/2015	Sean Paustian
4/4/2015	TFD2015-037	Dispatched and cance...	4/22/2015	Curt Woode
4/1/2015	2015-035	Grass fire	4/14/2015	Matt McCall
4/1/2015	2015-036	Smoke or odor remova...	4/14/2015	Matt McCall
4/1/2015	TFD2015-032	Grass fire	4/3/2015	Sean Paustian
3/25/2015	TFD2015-029	Dispatched and cance...	3/30/2015	Curt Woode
3/25/2015	TFD2015-030	Medical assist, assi...	3/30/2015	Curt Woode
3/25/2015	TFD2015-031	HazMat release inves...	3/30/2015	Curt Woode
3/22/2015	TFD2015-028	Medical assist, assi...	3/24/2015	Sean Paustian
3/18/2015	TFD2015-027	Extrication of victi...	7/14/2015	Curt Woode
3/17/2015	TFD2015-026	Motor vehicle accide...	3/30/2015	Curt Woode
3/16/2015	TFD2015-022	Grass fire	3/30/2015	Curt Woode
3/16/2015	TFD2015-023	Extrication, rescue,...	3/17/2015	Sean Paustian
3/16/2015	TFD2015-025	Grass fire	3/17/2015	Sean Paustian
3/14/2015	TFD2015-022	Grass fire	4/8/2015	Chad Stegall
3/12/2015	TFD2015-019	Alarm system activat...	3/14/2015	Sean Paustian

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3/12/2015	TFD2015-020	Passenger vehicle fi...	3/18/2015	Curt Woode
3/12/2015	TFD2015-021	Outside equipment fi...	3/18/2015	Curt Woode
2/24/2015	TFD2015-018	Extrication, rescue,...	2/24/2015	Sean Paustian
2/23/2015	TFD2015-017	Building fire	2/23/2015	Curt Woode
2/23/2015	TFD2015-017	Building fire	2/25/2015	Curt Woode
2/21/2015	TFD2015-016	Smoke or odor remova...	2/24/2015	Sean Paustian
2/19/2015	TFD2015-015	Dispatched and cance...	2/24/2015	Sean Paustian
2/12/2015	TFD2015-012	Cover assignment, st...	2/13/2015	Curt Woode
2/12/2015	TFD2015-013	Grass fire	2/13/2015	Curt Woode
2/2/2015	TFD2015-011	Cover assignment, st...	2/5/2015	Curt Woode
2/1/2015	TFD2015-010	Building fire	2/5/2015	Curt Woode
2/1/2015	TFD2015-010	Building fire	2/4/2015	Curt Woode
1/31/2015	TFD2015-009	Steam, vapor, fog or...	2/3/2015	Sean Paustian
1/29/2015	TFD2015-008	Extrication of victi...	2/4/2015	Curt Woode
1/21/2015	TFD2015-007	Smoke or odor remova...	2/3/2015	Sean Paustian
1/20/2015	TFD2015-006	False alarm or false...	2/3/2015	Curt Woode
1/19/2015	TFD2015-005	Medical assist, assi...	1/20/2015	Sean Paustian
1/17/2015	TFD2015-004	Building fire	1/20/2015	Sean Paustian
1/8/2015	TFD2015-002	Rescue, EMS incident...	1/8/2015	Curt Woode
1/2/2015	TFD2015-001	Grass fire	1/3/2015	Curt Woode
12/31/2014	TFD2014-087	Vehicle accident, ge...	1/3/2015	Curt Woode

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12/8/2014	TFD2014-086	Medical assist, assi...	12/22/2014	Curt Woode
12/3/2014	TFD2014-085	Passenger vehicle fi...	12/31/2014	Curt Woode
11/30/2014	TFD2014-084	Alarm system activat...	12/2/2014	Sean Paustian
11/24/2014	TFD2014-082	Assist police or oth...	11/25/2014	Sean Paustian
11/15/2014	TFD2014-081	Public service assis...	11/16/2014	Sean Paustian
11/2/2014	TFD2014-080	Outside storage fire	11/4/2014	Sean Paustian
11/1/2014	TFD2014-079	HazMat release inves...	11/7/2014	Curt Woode
10/31/2014	TFD2014-078	Medical assist, assi...	11/7/2014	Curt Woode
10/29/2014	TFD2014-077	Trash or rubbish fir...	10/31/2014	Curt Woode
10/27/2014	TFD2014-076	Extrication, rescue,...	10/28/2014	Sean Paustian
10/24/2014	TFD2014-075	Extrication of victi...	10/24/2014	Curt Woode
10/14/2014	TFD2014-074	Extrication, rescue,...	10/14/2014	Sean Paustian
10/8/2014	TFD2014-072	Cover assignment, st...	10/14/2014	Curt Woode
10/8/2014	TFD2014-073	Smoke detector activ...	10/14/2014	Curt Woode
9/15/2014	TFD2014-071	Extrication, rescue,...	9/16/2014	Sean Paustian
9/13/2014	tfd2014-070	Gas leak (natural ga...	10/7/2014	Chad Stegall
9/11/2014	TFD2014-069	Dispatched and cance...	9/12/2014	Chad Stegall
9/9/2014	TFD2014-068	Fire, other	9/9/2014	Sean Paustian
9/5/2014	tfd2014-066	Passenger vehicle fi...	9/16/2014	Curt Woode
9/5/2014	tfd2014-067	Building fire	9/28/2014	Curt Woode
8/25/2014	tfd2014-064	Extrication, rescue,...	9/2/2014	Matt McCall

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8/19/2014	TFD2014-063	Electrical wiring/e...	8/19/2014	Sean Paustian
8/18/2014	tfd2014-062	Road freight or tran...	8/26/2014	Matt McCall
8/12/2014	TFD2014-061	Smoke detector activ...	8/18/2014	Curt Woode
8/4/2014	TFD2014-060	Dispatched and cance...	8/14/2014	Curt Woode
7/31/2014	TFD2014-059	Vehicle accident, ge...	8/14/2014	Curt Woode
7/21/2014	TFD2014-058	Dumpster or other ou...	8/18/2014	Curt Woode
7/17/2014	TFD2014-057	Police matter	8/18/2014	Curt Woode
7/13/2014	TFD2014-056	Motor vehicle accide...	8/18/2014	Curt Woode
7/12/2014	TFD2014-055	Severe weather or na...	8/18/2014	Curt Woode
7/3/2014	TFD2014-053	Camper or recreation...	7/4/2014	Curt Woode

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Tipton Fire Department

Primary Type Of Situation	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
Accident, potential accident, other			1					1
Alarm system activation, no fire - unintentional	1				1			2
Assist police or other governmental agency		1						1
Building fire	2	3				1	1	7
Camper or recreational vehicle (RV) fire					1			1
Carbon monoxide incident				1				1
Cover assignment, standby, moveup		1		1	1			3
Cultivated vegetation, crop fire, other		1					1	2
Dispatched and cancelled en route		1	2	1	2		2	8
Dumpster or other outside trash receptacle fire		1						1
Electrical wiring/equipment problem, other			1					1
Extrication of victim(s) from vehicle				1	1	1		3
Extrication, rescue, other	1	4	3		1			9
False alarm or false call, other			1					1
Fire, other			1			1		2
Gas leak (natural gas or LPG)							1	1
Grass fire		2		2	1	3	1	9
HazMat release investigation w/no HazMat				1			1	2
Medical assist, assist EMS crew	1	2		1		1		5
Motor vehicle accident with no injuries.	1		1					2
No incident found on arrival at dispatch address		2					1	3
Outside equipment fire					1			1

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Outside rubbish fire, other		1					1	2
Outside rubbish, trash or waste fire						1		1
Outside storage fire	1							1
Passenger vehicle fire				1	1	1		3
Police matter					1			1
Public service assistance, other							1	1
Rescue, EMS incident, other					1			1
Road freight or transport vehicle fire		1						1
Severe weather or natural disaster standby		1			1		2	4
Smoke detector activation due to malfunction			1					1
Smoke detector activation, no fire - unintentional				1				1
Smoke or odor removal			1	2			1	4
Steam, vapor, fog or dust thought to be smoke							1	1
System malfunction, other			1					1
Trash or rubbish fire, contained				1				1
Vehicle accident, general cleanup				1	1			2
Totals:	**7**	**21**	**13**	**14**	**14**	**9**	**14**	**92**

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DEPATMENT TRAINING 2014-2015

Name	Trainer	Start Date	End Date	Start Time	End Time
Driver Training - Pumping Apparatus	Mike Rekemeyer Jr.	07/14/2015	07/14/2015	1900	2100
Driver Training - Other Department Vehicles	Mike Rekemeyer Jr.	06/09/2015	06/09/2015	1830	2200
Vehicle Operator Training	M. Rekemeter Jr., S. Donohoe,, S. Paustian	05/12/2015	05/12/2015	1900	2100
Hose and Hose Appliances Training	Chief	04/28/2015	04/28/2015	1900	2100
Fire Behavior Training	Sean Paustion/Matt McCall	04/14/2015	04/14/2015	1900	2100
SOP/SOG Based Training	Curt Woode	02/10/2015	02/10/2015	2000	2100
Basic Firefighter Skills Training	Curt Woode	02/10/2015	02/10/2015	1900	2000
Basic Firefighter Skills Training	Mike Rekemeyer Jr.	01/13/2015	01/13/2015	1900	2100
Live Fire Training - Building	Curt Woode	12/09/2014	12/09/2014	1900	2100
Manure Pit Rescue	NECAS	11/11/2014	11/11/2014	1830	2130
Live Fire Training - Building	IFSTB Staff	11/06/2014	11/06/2014	1800	2200
Hazardous Materials Refresher Training	City Staff	10/21/2014	10/21/2014	1900	2100
CPR/AED Training	tammi goerdt	09/09/2014	09/09/2014	1830	2130
CPR/AED Training	Tammi Goerdt	09/09/2014	09/09/2014	1830	2130
grain bin fire asdn explosion	NECAS	08/12/2014	08/12/2014	1830	2130
Basic Firefighter Skills Training	Scott Donohoe	07/08/2014	07/08/2014	1900	2100

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DEPARTMENT ACTIVITIES 2014-2015

Fire Station Open House	Fire Station Activities	Breakfast	07/04/2015	0530	1200
Fire Department Meeting	Fire Department Meeting	Meeting	06/02/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	06/02/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	05/05/2015	1900	2100
Annual Hose Test	Hose Test	hose	04/28/2015	1800	2100
Fire Department Meeting	Fire Department Meeting	Meeting	04/07/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	03/03/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	02/03/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	01/06/2015	1900	2100
Fire Department Meeting	Fire Department Meeting	Meeting	12/02/2014	1830	2100
Fire Department Meeting	Fire Department Meeting	Meeting	11/04/2014	1830	2100
Annual Hose Test	Hose Test		10/12/2014	0800	1100
Fire Department Meeting	Fire Department Meeting	Meeting	10/07/2014	1830	2100
Fire Department Meeting	Fire Department Meeting	Meeting	09/02/2014	1830	2100
Fire Department Meeting	Fire Department Meeting	Meeting	08/05/2014	1830	2100
Fire Department Meeting	Fire Department Meeting	Meeting	07/01/2014	1830	2100

TIPTON VOLUNTEER FIRE DEPARTMENT

JULY 2015

PRESIDENT	TERRY GOERDT	319-330-9806
SECRETARY/TREASURER	JAMIE WOODE	563-886-3078
TRUSTEES	DEREK LATIMER	563-886-4748
	JASON PAUSTIAN	515-441-1995
	ADAM FITCH	563-886-4785
	NICK YERINGTON	563-357-0471
FIRE CHIEF	CURT WOODE	319-321-5038
ASSISTANT CHIEF	SEAN PAUSTIAN	515-779-2770
ASSISTANT CHIEF	MATT McCALL	319-480-7055
TRAINING	MIKE REKEMEYER	563-886-4920
CAPTAIN	SCOTT DONOHOE	563-889-0213
CAPTAIN	TORY KOCH	563-889-0042
CAPTAIN	TERRY GOERDT	319-330-9806
CAPTAIN	CHAD STEGALL	563-357-0445

STAN WOODE	11/73	MATT McCALL	10/07
KENNY PAUL	05/78	ADAM FITCH	06/09
KEVIN KOFRON	07/79	PATRICK STEFFEN	09/09
RON OGDEN	07/92	JASON PAUSTIAN	01/10
CURT WOODE	12/93	NICK YERINGTON	05/12
DON VILLHAUER	09/95	NICK HORA	05/12
TIM CHAMBLISS	08/96	JAKE MEIER	05/12
BRAD PECK	02/97	DEREK LATIMER	12/12
SCOTT DONOHOE	03/98	SHAWN HORA	04/13
TERRY GOERDT	08/98	JILL KOFRON	12/13
ALLEN HERMSEN	06/99	STEVE BODECKER	2014
JAMIE WOODE	11/00	CALUB IHRIG	
JASON THURSTON	09/01	ZACHARY HOWELL	3-24-15
TORY KOCH	09/01	STEVEN EILER	3-24-15
CHAD STEGALL	01/02	CAMERON IHRIG	3-24-15
SEAN PAUSTIAN	08/06	REECE HALL	06/15
MIKE THOMAS	12/06	CONNOR McMAHON	06/15
MIKE REKEMEYER	07/07		

TIPTON FIRE STATION PHONE NUMBER **563-886-6470**
182's CELL PHONE NUMBER **563-357-0181**
TIPTON FIRE STATION FAX NUMBER **563-886-6470**

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MEMBERSHIP CHANGES

RESIGNATIONS

NATHAN ANDERSON	PURSUE EDUCATION
JEREMY MILLER	MOVE FOR WORK

FULL MEMBERSHIP

JILL KOFRON	PREVIOUS CADET
STEVE BOEDCKER	NEW TO TIPTON

NEW PROBATIONARY

CALEB IHRIG	HIGH SCHOL STUDENT

NEW HIGH SCHOOL CADET

ZACHARY HOWELL
STEVEN EILER
CAMERON IHRIG

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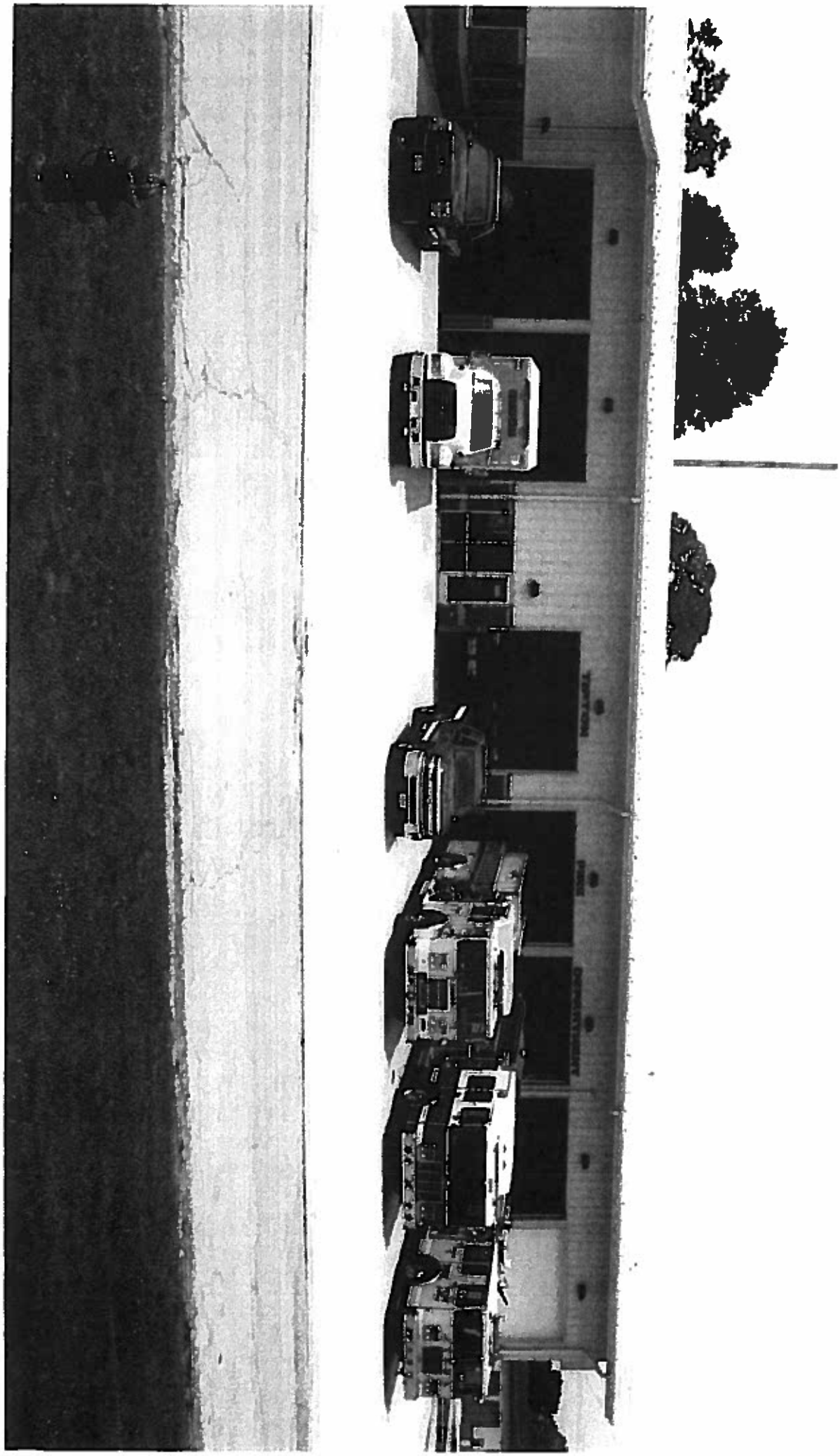
188 – 2014 Ford F350/ Heiman skid unit	Replacement date 01/01/2034
182 – 1997 Ford F800/ Amteck rescue	Replacement date 01/01/2022
185 – 2003 Pierce Saber pumper	Replacement date 01/01/2028
186 – 1991 Smeal Spartan pumper	Replacement date 01/01/2016
180 – 2010 HME/Toyne tanker/pumper	Replacement date 01/01/2035
187 – 2014 Chevrolet K2500	Replacement date 01/01/2034
Boat – 1968 Monark/ 1995 Mercury motor 25 hp ***UNDETERMINED***	Replacement date



TIPTON
RESCUE
TIPTON
BRUSH
TIPTON
188
FIRE-RESCUE

TIPTON
FIRE - RESCUE
TIPTON
TIPTON
182
FIRE DEPT.

ENGINE
5
TIPTON
185
FIRE DEPT.

ENGINE
6
TIPTON
FIRE DEPT.
TFD

TANKER
TIPTON
185
FIRE-RESCUE

FIRE
DEPARTMENT
TIPTON
187
FIRE-RESCUE
2500 HD
TIPTON
185
DEPT.

TIPTON VOL. FIRE DEPT.

TIPTON FIRE & RESCUE

Account Management - (View)

File Edit Options Functions Help

Account 001 5-150-2-64150

Fiscal Year 2014-2015 Current

Account Name EQUIPMENT/VEHICLE RENT RF

General | Balance | Budget | Budget Adjustments | History Detail

No Filter Selections Made

Filter

Date	Tran	Reference	Description	Amount	Vendor	Invoice
08/28/2014	A54434	CHK: 055127	vehicle/equipment charges	15,325.87	4910	0714CG
09/30/2014	A54983	CHK: 055346	vehicle/equipment charges	621.70	4910	0814CG
10/29/2014	A55387	CHK: 055570	vehicle/equipment charges	11,154.01	4910	0914CG
11/26/2014	A55870	CHK: 055767	vehicle/equipment charges	1,249.35	4910	1014CG
12/30/2014	A56335	CHK: 055966	vehicle/equipment charges	456.21	4910	1114CG
01/29/2015	A56809	CHK: 056167	vehicle/equipment charges	352.37	4910	1214CG
02/26/2015	A57213	CHK: 056336	vehicle/equipment charges	1,739.39	4910	0115CG
03/27/2015	A57664	CHK: 056499	vehicle/equipment charges	932.93	4910	0215CG
04/29/2015	A58140	CHK: 056715	vehicle/equipment charges	504.53	4910	0315CG
05/27/2015	A58608	CHK: 056893	vehicle/equipment charges	10,796.60	4910	0415CG
06/29/2015	A59213	CHK: 057135	vehicle/equipment charges	835.67	4910	0515CG
06/29/2015	A59213	CHK: 057135	vehicle/equipment charges	341.65	4910	0615CG
		12 records		44,311.38		

Edit This Record

Clear

View alenz

F. Consent Agenda

September 9, 2015
Council Chambers
City Hall
Tipton, Iowa

Tim Mallot, Cedar County EMA Director, Cedar County Multi-Hazard Mitigation Plan
Mallott briefly reviewed the process, the reasoning for the plan and the five sections of the Cedar County Multi-Jurisdictional Hazard Mitigation Plan. This is the continuity plan for the City. The five sections are; Introduction and Planning Process, Planning Area Profile and Capabilities, Risk Assessment, Mitigation Strategy, Plan Implementation and Maintenance. Mallot urged all those present to sign in. By doing so the City receives credit toward their share of the cost of the plan. Mallot said the total cost of the plan for Cedar County is $65,000.00. The plan requires updating every five years. In order for cities and counties to be eligible for FEMA funds they must participate in the plan. Mallot said the plan was submitted to the state on April 19, 2015, and then sent to Kansas City for final approval. The plan was approved on May 14, 2015. Pending adoption, the plan will go into effect January 1, 2016.

The City Council of the City of Tipton, Cedar County, Iowa, met in regular session at 5:49 p.m. Mayor Kepford called the meeting to order. Upon roll being called the following named council members were present: Fry, Siech, Anderson, Spear and Holub. Also present: Nosbisch, Fletcher, Nash, Taber, Wild, Holub, Beck, Penrod, Downs, Elphic, Johnson, Spangler, Max Coppess, Scott Pearson, Sandy Gleaves, other visitors and the press.

Mayor Kepford led the meeting in the Pledge of Allegiance.

Agenda:
Motion by Holub, second by Spear to approve the agenda as presented. Following the roll call vote the motion passed unanimously.

Communications:
Deborah VanderGaast – VanderGaast discussed the halt to the in town busing by the Tipton Community School District and her safety concerns for children walking to school on Plum Street which has limited sidewalks. VanderGaast suggested a pedestrian lane and no parking on either side. She also asked the City to consider adding sidewalks on the east side of Plum Street.
Larry Hodgden – Hodgden thanked City Manager Nosbisch for the letter in the Tipton Conservative and discussed the contents of the letter adding that he has concerns about the City's debt.
Deb Schwitzer – Schwitzer said that Scott Pearson, Airport Committee member, had stopped by the canopy on the Cedar County Courthouse lawn. Schwitzer and the group spoke to Pearson about the airport and the costs, stating he mentioned fuzzy math. Schwitzer said Pearson said that they were misinformed about the airport and the group said that no one informed them. Schwitzer said Pearson stated the reason was that they didn't think they cared.
Mary Swan – Swan questioned the three minute special council meeting held on August 28th. Swan asked when the agenda was posted. City Manager Nosbisch stated the agenda was posted on August 27th, over 24 hours prior to the August 28th, 3:00 p.m. meeting.
Ross Leeper – Leeper discussed landscaping on his property. Leeper wanted to plant spruce trees and was told he couldn't plant any conifer trees, spruce trees and would like to know why.
Scott Meumann – Meumann asked if there is a movement by the FAA to decertify the City's 8C4 National Plan of Integrated Airport System (NPIAS) airport. Nosbisch said he is not aware of anything at this time.
Scott Pearson – Pearson addressed the comment by Deb Schwitzer regarding fuzzy math. Pearson said he didn't use the term fuzzy math and didn't provide those numbers because he wasn't prepared to have that discussion. Pearson said he could provide the numbers if they would like to hear the information.
Sandy Gleaves – Gleaves discussed the grass roots democracy that was discussed in the letters to the editor. Gleaves said she has been trying to figure out what this means. Gleaves said she sees the group at the Courthouse on Thursday afternoons waiting for signatures, with the streets being paved in front of

them, with the ag planes flying overhead spraying local farmers fields so they can have a better yield, using our airport that is supposedly never used. Gleaves discussed the petition that Hodgden claims is not a legal document, urging Hodgden to present the petition to the City Council. Gleaves thanked the City Council, Mayor and City Manager for working, staying focused and continuing to do their job with honesty, conviction and for the good of the community at heart despite what has been thrown at them. Gleaves said she apologizes for her community for that, adding that she admires and appreciates the Council, Mayor and City Managers professionalism.
Gaylene Gilbert – Gilbert asked questions regarding the Alliance Water Resources contract. Gilbert asked what the cost per day for Alliance Water Resources services, is staff prepared and ready to take over the utilities, is additional training required and does the City have backup staff. Nosbisch said the annual contract amount is $290,000.00, but doesn't have the daily amount.

Consent Agenda:
Motion by Anderson, second by Fry to approve the consent agenda which include the August 17, 2015, council minutes. Following the roll call vote the motion passed unanimously.

Ordinance Approval/Amendment
Ordinance No. 554, Amending Chapters, 110.07 Residential Delivery Rates, 110.08 Small Commercial Delivery Rates, 110.09 Industrial Delivery Rates, and 110.10 Interruptible Industrial Delivery Rates of the Tipton Municipal Code, changing the language from billing in therms to CCF (100 cubic feet).

Motion by Siech, second by Spear to waive the second reading, move to the third and adopt Ordinance No. 554, Amending Chapters, 110.07 Residential Delivery Rates, 110.08 Small Commercial Delivery Rates, 110.09 Industrial Delivery Rates, and 110.10 Interruptible Industrial Delivery Rates of the Tipton Municipal Code, changing the language from billing in therms to CCF (100 cubic feet). Following the roll call vote the motion passed unanimously.

Resolutions for Approval:
Resolution 090915A, Approving the Cedar County Multi-Jurisdictional Local Hazard Mitigation Plan
Motion by Fry, second by Anderson to approve Resolution 090915A, the resolution approving the Cedar County Multi-Jurisdictional Hazard Mitigation Plan
Following the roll call vote the motion passed unanimously.

Motion by Spear, second by Holub to approve Resolution 090915A, adopting the Cedar County Outdoor Warning System Activation Protocol. Following the roll call vote the motion passed unanimously.

Old Business:
1. Alliance Water Resources, Contract Deadline, July 2016, Tabled, August 17, 2015
Motion by Fry, second by Anderson to remove from the table, the Alliance Water Resources Contract Deadline, which was tabled on August 17, 2015. Following the roll call vote the motion passed unanimously.
Motion by Holub, second by Anderson to notify Alliance Water Resources that the City of Tipton will discontinue the contract at the end of June, 2016. Following the roll call vote the motion passed unanimously.

Motion for Approval:
1. Claims List

ACTION SEWER & SEPTIC SERV	CAMERA WORK ON STORM SEWER	707.00
ALBAUGH PHC INC	COUPLING	4.42
ALTEC INDUSTRIES INC	TOOL APRON, DRILL HOLDER	422.84
AMERICAN PUBLIC POWER ASSO	ANNUAL DUES	1,151.80
AUS WATERLOO MC LOCKBOX	MATS CITY HALL	382.86
BARRON MOTOR SUPPLY	WINDSHIELD WASHER FLUID	73.12
BORDER STATES ELECTRIC SUP	INDUCTIVE CLAMP FOR LOCATOR	1,643.52

CEDAR COUNTY ENGINEER	137.2 GL DSL	1,854.74
CEDAR COUNTY TREASURER	TAXES	47,144.00
CHARLES D LINN CO	NITROGEN FOR POWER PLANT	35.85
COAST TO COAST SOLUTIONS	200 POLICE HAT TATTOOS	208.16
CREATIVE PRODUCT SOURCING	DARE SUPPLIES	33.75
DOMTAR	10 CASES OF PAPER	451.12
DORSEY & WHITNEY LLP	URBAN RENEWAL PLAN AMENDMENT	4,750.00
ELECTRICAL ENGINEERING & E	STREET LIGHT SUPPLIES	288.30
EMERGENCY MEDICAL PRODUCTS	MEDICAL SUPPLIES	514.00
FAMILY FOODS	OPERATING & CONCESSIONS SUPP	39.51
FLETCHER-REINHARDT CO.	BLACK VINYL TAPE	727.07
FOSTER COACH SALES INC.	REPAIR PART AMB	36.52
G & K SERVICES	UNIFORMS EL & GAS	582.38
GARDEN & ASSOCIATES INC	STREET IMPROVEMENTS 2015	2,688.02
GENERAL PEST CONTROL INC	PEST CONTROL	161.03
GLOBAL SECURITY SERVICES	REPAIR CAMERA SYSTEM	74.50
GRAINGER	FUSES & VALVES	78.54
GRASSHOPPER LAWN CARE DBA	FALL APP-INSIDE FAC FENCE	1,311.00
H & H AUTO	TIRE PATCH #118	42.00
INTEGRATED TECHNOLOGY PART	SETUP/INSTALL COLLINS COMPUTER	3,327.79
INTERSTATE POWER SYSTEMS I	RADIATOR FAN BELT	513.84
IOWA ASSOCIATION OF	CANCELLED OSHA WORKSHOP	256.45
IOWA ONE CALL	LOCATES	48.60
J ROBERT HOPSON	2014-15 ACTUARIAL CERT. PSF	550.00
JAB INK DESIGN	5 PAIRS DOOR LOGOS	142.50
JOHN DEERE FINANCIAL	OPERATING SUPPLIES ELECTRIC	666.96
JONES COUNTY TREASURER	TAXES	380.00
KINUM INC	COLLECTION EXPENSE	106.76
KOFRON BUILDERS INC	REPAIR SCREEN	111.65
KUNDE OUTDOOR EQUIPMENT	MOWER BAGGER	35.99
LANDS' END BUSINESS OUTFIT	5 SHIRTS	109.96
LOUISA COUNTY TREASURER	TAXES	12,117.00
LYNCH DALLAS PC	LEGAL SERVICES	1,657.14
MANATTS INC	STORM SEWER INTAKE 8TH & PLUM	952.30
METERING & TECHNOLOGY SOLU	12 ELECTRIC METERS	629.41
MIDWEST BREATHING AIR LLC	EQUIPMENT REPAIR/MAINT	729.65
MISC. VENDOR	CITY OF CORALVILLE:MOVIE EQUIP	8,635.49
MITCHELL 1	WEB SUBSCRIPTIONS	228.48
MUNICIPAL EMERGENCY SERVIC	REPLACE COTAMNATED EQUIPMENT	8,364.40
MUNICIPAL SUPPLY INC	WATER METER FOR NEW CAR WASH	1,347.00
MUSCATINE COUNTY TREASURER	TAXES	2,647.00
PHYSIO-CONTROL INC	AED INFANT	91.95
POOL TECH MIDWEST INC	DECK LIDS	72.88
PRAXAIR DISTRIBUTION INC	OXYGEN	157.53
RESCO	1042' URD CABLE	1,449.43
SCHIMBERG CO	CRANE ENGINE CP #2	522.38
SOLOMON CORPORATION	3 DGA TEST KITS	600.00
SPAHN & ROSE LUMBER CO	4" FOAM COVERS PACKS CITY HALL	1,106.19
STAPLES ADVANTAGE	OFFICE SUPPLIES & HAND TOWELS	190.42
T & M CLOTHING CO.	FOOTBALL & VOLLEYBALL EQUPMNT	1,718.50
TALLGRASS BUSINESS RESOURC	RETURN ONE OFFICE CHAIR	438.90
THOMAS HEATING & AIR	REPLACE CONDENSER FAN MOTOR	355.00
TIFFINY'S TIPTON BAKERY	MISC MEETING SUPPLIES	27.00
TIGERDIRECT INC	COMPUTER FOR BILLING STAFF-AMB	609.34
TIPTON ELECTRIC MOTORS	SAW BLADES	23.50
TIPTON STRUCTURAL FABRICAT	STEEL FOR STORM SEWER INTAKE	46.25
TRANS-IOWA EQUIPMENT INC	PARTS FOR #25	860.38

TYLER TECHNOLOGIES INC	ANNUAL FORMS OVERLAY	554.80
VERMEER SALES & SERVICE IN	FILTERS #135	395.45
WALMART COMMUNITY	MISC & OFFICE SUPPLIES	126.05
WASHINGTON COUNTY TREASURE	TAXES	658.00
WENDLING QUARRIES INC	10.23 TN FOR E 8TH STORM SEWER	111.51
WESCO RECEIVABLES CORP	15 FUSE LINKS	102.72
WHITFIELD & EDDY PLC	FAC CONSTRUCTION CLAIM	65,034.61
WJE ASSOCIATES INC	LITIGATION SUPPORT	3,573.00
XEROX CORPORATION	COPY & BASE CHARGE	1,139.83
TOTALS		188,930.04

	FUND TOTALS	
001	GENERAL GOVERNMENT	21,287.24
125	TIF SPECIAL REVENUE FUND	4,750.00
300	GO ST IMPROVEMENT PROJECT	2,688.02
315	JKFAC CP	68,607.61
600	WATER OPERATING	1,720.23
610	WASTEWATER/AKA SEWER REVE	8,104.66
630	ELECTRIC OPERATING	70,837.98
640	GAS OPERATING	853.23
670	GARBAGE COLLECTION	342.52
810	CENTRAL GARAGE	3,771.46
835	ADMINISTRATIVE SERVICES	5,967.09
	GRAND TOTAL	188,930.04

City Credit Card Statement **5,232.31**

City - One Card (Fire Dept.)		
Flare kits for fireworks - Iowa 80 Truck-Stop	49.20	
Total Charges		**49.20**
Police - One Card		
Misc Supplies - FF, Walmart	35.59	
Operating Supplies - Qualification Targets, Walmart	259.66	
Bldg Maint Supplies - Zoro Tools	66.61	
Total Charges		**361.86**
Ambulance - One Card		
Computer Supplies - Minitor Programming	257.95	
Misc Supplies for 4th parade - Oriental Trading	394.88	
Total Charges		**652.83**
Fire - One Card		
Office Supplies - Quill Corporation	100.41	
Total Charges		**100.41**
Gas - One Card		
Misc Supplies - Walmart	64.05	
Total Charges		**64.05**
Electric - One Card		
Street Light Supplies - Amazon	599.99	
Office Supplies - Staples	374.49	
Misc Supplies - Tiger Mart	3.58	
Total Charges		**978.06**
Library - One Card		
Postage/Shipping - USPS	101.21	
Office Supplies - Walmart, Demco	238.48	
Materials - Walmart, Amazon	360.47	
Program Supplies - Family Foods, Walmart	239.82	

Training Supplies - Happy Joes, Mi Tierra	70.27	
Office Licenses - Microsoft	99.99	
Total Charges		**1,110.24**
JKFAC/Recreation - One Card		
Concessions - Brother's Market, Casey's, Walmart	155.42	
Operating Supplies - Walmart, Wristco	281.42	
Operating Supplies - Walmart	16.21	
Fuel - Deli Mart	81.45	
Total Charges		**534.50**
Deputy Clerk - One Card		
Misc Supplies - Dittos (Clerk meeting)	22.86	
Operating Supplies (water dept.) - WL Construction Supply	419.99	
Total Charges		**442.85**
City Clerk - One Card		
Misc - Motel rooms for Hairball (reimbursed $576.76)	722.35	
Total Charges		**722.35**
City Manager - One Card		
Travel Training - Rock Bar American Grill, Catfish Bend Inn	215.96	
Total Charges		**215.96**
Statement Total		**5,232.31**

Motion by Anderson, second by Spear to approve the claims list with the removal of an invoice No. 26354, in the amount of $86.38, that will be submitted for an insurance claim. Following the roll call vote the motion passed unanimously.

2. Reel Trailer Purchase, Electric Department – Tabled
Motion by Anderson, second by Spear to table the request to purchase a reel trailer. Following the roll call vote the motion passed unanimously.

3. Garbage Exemption, 421 East 2nd Street
Motion by Fry, second by Holub to approve the garbage exemption at 421 East 2nd and 101 Lemon Street, reducing the fee to from $9.13. Following the roll call vote the motion passed unanimously.

4. Garbage Exemption, 101 Lemon Street
Motion by Siech, second by Spear to approve the garbage exemption at 421 East 2nd and 101 Lemon Street, reducing the fee to $9.13. Following the roll call vote the motion passed unanimously.

5. Pool Vacuum
Motion by Anderson, second by Siech to approve purchasing an automatic pool vacuum from For a Cleaner Pool, with a trade-in discount, in the amount of $2,495.00. Following the roll call vote the motion passed unanimously.

6. Mississippi Valley Pump, Invoice No. 10613
Motion by Spear, second by Fry to approve charges for the labor and travel costs to pull the pump for repairs, in the amount $ 754.00, bringing the amount for invoice No. 10613 to $7,429.00. Following the roll call vote the motion passed unanimously.

Discussion Items:
1. Webcasting City Council Meetings

City Manager Nosbisch asked the council if webcasting the City Council Meetings is something they would like the staff to pursue, consider to see what options are available. Councilmember Siech said she wasn't sure. Nosbisch said staff will research and bring back information.

Reports of Mayor/Council/Committee/Manager:
Council Reports
Council Member Siech read a prepared statement.
It is kind of funny how we have had all the citizens coming here to give us their feedback on the airport and other issues so from my seat I want to address a few things.
I want everyone to understand that each of us that sit before you takes our job as a councilperson very seriously. When we were elected we did not take the oath lightly. As a council we work together to keep our community moving forward while always keeping our number one goal in mind and that is to be a financially stable community so that we can continue to invest in the town's long-term projects and vision while still maintaining the short-term and last minute projects that always seem to arise.
Our job, as a council, is to plan for the future and to provide infrastructure for the town so that we can continue to grow. We do talk to the citizens of the town and take everyone's feedback into consideration when we make a decision and again we always keep in mind where the money comes from and how we can maintain the facilities and programs we have with fiscal responsibility.
A few issues have been circulating around the community and here is a little feedback from our seats, or maybe my seat. As you can see we have started work on several streets. We do have a 5-year street plan and we will have completed 12 of our 14 projects by 2017, 1 year ahead of schedule and all this while buying down our debt and borrowing less, in fact, during the 15-16 fiscal year we are doing these streets; 4th Street – Lynn to Cedar, 3rd Street – Sycamore to Cedar, 5th Street – Plum to East, North, Claire, Parkview Ct and Parkview Drive. Next year when we enter the 16-17 fiscal year, our plan is to do the following streets; Lynn Street – 1st to 4th Street, Inland road, 8th Street – Lemon to Cedar and Sycamore to Plum, Plum street – 5th to 7th street. However, the caveat is that also depends on the outcome of the of the one cent sales tax that is up for a vote in November.
As for the Airport: This process has actually been going on since 2002 and the decision to move on the airport has been a discussion for many years. It wasn't taken lightly, it wasn't taken off the cuff and it wasn't something that we said sure why not. We have held public meetings throughout the years and meetings with all the landowners to get feedback on the process and impact on the city and the farmers. But let's think of the funding in the easiest of terms. FAA changed their safety standards therefore we need to update our airport. The FAA agreed to helps us update the airport to the new FAA standards by giving us **90%** of the funds, **90%** of the funds, to update the airport. And yes we have to have the 10% matching funds. The FAA dollars are NOT federal tax dollars – you buy a ticket on a plane, use an airport, the taxes go to fund FAA projects. Our reasoning behind updating the airport is to provide the safest infrastructure to our city. The FAA funding may not be available in the future and then we will be asked to decide what to do with an airport that doesn't meet standards and can no longer be updated with FAA funding. We may end up with a dilapidated airport that will need to be fixed, upgraded or torn down – it will be 100% of City tax payer's money to cover the cost. We are trying to upgrade and meet safety standards to our facilities while we have another entity wanting to give us money to do so and help us to become safe and meet the standard the FAA is requiring. Our thinking was not to bring in commercial flights, or million dollar businesses, but to keep what we have and make it safe for use and to entice small businesses to locate to Tipton. I believe that we are community that wants to grow into the future. We can't have the mentality that "I don't use it, so my taxes shouldn't be put towards it" or "it only serves a very small population of residents, I don't want to fund it". If that were the case many services and programs would not be available or exist today for cities. I think we can all say that there are some programs that I would not want my tax payer money to go to federally funded or not, but I don't get a choice. We have great people that live in this community and I think the last couple weeks, the last couple of months we have lost sight of what kind of a community we are. We have great people that live and support this community along with wonderful businesses and quality services. This was very evident this summer during our 175th celebration, but it also is evident as you walk down the street, we have a beautiful town and our citizens keep it that way. We as a council are moving forward and we

realize that sometimes it just isn't as fast as any of us would like – however we are doing our best to provide you services with quality and passionate people, provide safe and viable infrastructure for the town and do it with **all our** money in mind.

Council Member Fry said they are getting ready to blacktop at the Masonic Cemetery, adding that there is another example of a service that not all people use but has been a hot button. The City has had more unsolicited attention because of its disrepair than we have had on the airport in comparison to size. The cemetery is an emotional charged area.

Committee Reports
Council Member Spear attended the CCEDCO meeting and shared information that was shared by Senator Dvorsky on The Iowa Wastewater Project that is being conducted the University of Iowa. Spear said CCEDCO has a campaign going for Cedar County called Grow Here. Spear said CCEDCO has window clings to hand out to small business and could apply to all the cities in the County. Spear suggested having them at the City Office and possibly placing them on the City vehicles. Spear said that if there is enough interest CCEDCO may sponsor a class on Twitter and tweeting for small businesses or anyone interested.

Floyd Taber, the Electric Superintendent, shared that the Electric Department is celebrating the 135th Anniversary this year as the oldest municipal electric utility in the state. The Electric Department will be holding school tours October 12th and 13th, and has ordered cookies and punch for the school children. Taber said there will be a small Open House as well, with tours of the plant and substation and a drawing for door prizes donated by vendors.

Manager's Report
The street, water and sewer work has begun throughout the City. Currently 3rd and 4th Streets are being milled and prepped for new asphalt.
New meters have been placed on engines No. 5 and No. 6. RPGI's urge testing has been completed and the City will receive credits for our 4.4 megawatt requirements.
There will be meetings with individual departments beginning next week for discussions on efficiencies and or policy changes for the upcoming year. This may include any equipment that may need to be incorporated into the Capital Improvements Program (CIP).
The outdoor facilities of the James Kennedy Family Aquatic Center are now closed and we are working with WJE on the feasibility of future repairs because their closest office is in Chicago.
The garbage truck was down last week for repairs. We were able to secure a rental unit at no cost while Klay Johnson repaired the City's garbage truck.

Floyd Taber, the Electric Superintendent, shared that the City Electric Department is celebrating the 135th Anniversary as of the oldest City owned electric utility in the State. They will be hosting school tours on October 12th and 13th, and Taber has ordered cookies and punch for the school children. The City Electric Department will host a small open house with tours of the plant and substation and will be giving away door prizes donated by vendors. Taber said the date for the open house has not been determined.

Adjourn:
With no further business to come before the council a motion to adjourn was made by Fry, second by Siech. Following the roll call vote the motion passed unanimously.

Meeting adjourned at 6:56 p.m.

_____
Mayor

Attest: _____
City Clerk/Finance Officer

City of Tipton
MTD Treasurer's Report
As of August 31, 2015

FUND	BEGINNING CASH BALANCE	M-T-D REVENUES	A/R NET CHANGE	M-T-D EXPENSES	A/P CHANGE	ENDING CASH BALANCE	Y-T-D INVSTMNTS	BALANCE WITH INVESTMENTS
001-GENERAL GOVERNMENT	-113,586.50	56,338.91	0	172,811.80	-14,397.52	-244,456.91	181,396.88	-63,060.03
002-COMMUNICATIONS - LOCAL AC	34,288.97	6,316.91	0	0	0	40,605.88	0	40,605.88
110-ROAD USE TAX FUND	234,416.20	44,615.69	0	0	0	279,031.89	130,000.00	409,031.89
112-TRUST AND AGENCY FUND	33,140.45	7.05	0	0	0	33,147.50	0	33,147.50
121-LOCAL OPTION TAX	237,955.93	21,274.09	0	0	0	259,230.02	0	259,230.02
125-TIF SPECIAL REVENUE FUND	5,646.62	1.2	0	0	0	5,647.82	77,511.44	83,159.26
160-ECONOMIC/INDUSTRIAL DEVEL	544,289.47	10,460.76	0	0	0	554,750.23	12,905.75	567,655.98
168-AQUATIC CENTER CAMPAIGN F	-603,279.12	0	0	0	0	-603,279.12	0	-603,279.12
189-LIBRARY TRUST FUND	7,864.79	52.15	0	0	0	7,916.94	0	7,916.94
190-P S SHARE FUND	21,986.82	224	0	0	0	22,210.82	0	22,210.82
192-FIRE ENTERPRISE TRUST	5,114.12	13,002.55	0	0	0	18,116.67	0	18,116.67
202-ELECTRIC REVENUE BONDS	214,147.31	45.53	0	0	0	214,192.84	0	214,192.84
203-06 ELECTRIC SUBSTATION RE	482,627.26	102.62	0	0	0	482,729.88	0	482,729.88
204-WATER REVENUE BOND RESERV	230,495.82	49.01	0	0	0	230,544.83	0	230,544.83
205-GO FIRE TRUCK 2010	-22,023.16	0	0	0	0	-22,023.16	0	-22,023.16
208-WW/SEWER REVENUE BOND SIN	159,592.42	33.93	0	0	0	159,626.35	0	159,626.35
210-GO ST IMPROVEMENT NOTES	9,606.29	2.04	0	0	0	9,608.33	0	9,608.33
212-03 GO ST IMPROVE NOTES	14,021.51	2.98	0	0	0	14,024.49	0	14,024.49
214-GO CP BONDS SERIES 2011A	13,654.57	2.9	0	0	0	13,657.47	0	13,657.47
216-GO CP BONDS SERIES 2001B	251.03	0.05	0	0	0	251.08	0	251.08
218-GO CP BONDS SERIES 2011C	32,087.11	6.82	0	0	0	32,093.93	0	32,093.93
220-GO BONDS 2013 DEBT SRVC	76.16	0.02	0	0	0	76.18	0	76.18
300-GO ST IMPROVEMENT PROJECT	151,688.85	31.76	0	0	-2,319.50	149,401.11	0	149,401.11
305-GO ST IMPROVEMENT 08	111,981.34	23.81	0	0	0	112,005.15	0	112,005.15
307-STREETSCAPE PROJECT	42,003.51	8.93	0	0	0	42,012.44	0	42,012.44
308-SKATE PARK PROJECT	37,818.64	8.04	0	0	0	37,826.68	0	37,826.68
310-NEW FIRE STATION	220,313.20	46.85	0	0	0	220,360.05	0	220,360.05
311-ADDTNL GENERATION PRJCT	129,009.29	27.43	0	0	0	129,036.72	0	129,036.72
312-PUBLIC WORKS BLDGS	616.42	0.13	0	0	0	616.55	0	616.55
314-WETLAND M ITIGATION PRJCT	28,007.04	5.96	0	0	0	28,013.00	0	28,013.00
315-JKFAC CP	333,323.41	59.45	0	562.5	-53,185.96	279,634.40	0	279,634.40
500-CEMETERY TRUST FUND	1,350.00	0	0	0	0	1,350.00	100,000.00	101,350.00
600-WATER OPERATING	65,946.62	58,305.24	0	29,354.34	-23.59	94,873.93	0	94,873.93
610-WASTEWATER/AKA SEWER REVE	-109,303.09	51,282.02	0	24,266.22	0	-82,287.29	211,275.73	128,988.44
630-ELECTRIC OPERATING	1,505,648.55	416,249.96	7,772.00	297,580.64	-34,246.52	1,582,299.35	319,846.53	1,902,145.88
631-ELECTRIC DEVELOPMENT	8,569.09	1.82	0	0	0	8,570.91	0	8,570.91
632-ELECTRIC RENEWAL/REPLACEM	373,437.97	79.4	0	0	0	373,517.37	0	373,517.37
633-ELECTRIC RESERVE	270,795.13	216.88	159.3	0	0	270,852.71	137,055.77	407,908.48
634-ELECTRIC BOND/INT RESERVE	1,266,138.26	269.23	0	0	0	1,266,407.49	156,099.58	1,422,507.07
640-GAS OPERATING	74,391.67	40,886.91	0	42,156.02	-1,773.58	71,348.98	0	71,348.98
641-GAS D.E.I.	5,284.01	1.12	0	0	0	5,285.13	10,406.44	15,691.57
642-GAS RESERVE	34,121.40	7.26	0	0	0	34,128.66	404,838.04	438,966.70
660-AIRPORT OPERATING	-43,915.81	4,304.86	0	27,268.62	0	-66,879.57	0	-66,879.57
670-GARBAGE COLLECTION	-11,685.66	42,880.27	0	24,519.58	-6,003.29	671.74	0	671.74
740-STORM WATER	52,584.79	9,133.06	0	0	0	61,717.85	0	61,717.85
750-CEMETERY ENTERPRISE	16,648.57	1,783.70	0	2,382.26	0	16,050.01	0	16,050.01
810-CENTRAL GARAGE	290,922.37	3,945.80	0	9,888.69	-2,968.63	282,010.85	0	282,010.85
820-PSF HEALTH INSURANCE	33,790.29	5,238.26	0	5,231.08	0	33,797.47	0	33,797.47
830-CITY RESERVE FUND	-38,607.34	0	0	0	0	-38,607.34	112,489.03	73,881.69
835-ADMINISTRATIVE SERVICES	-207,378.41	-340.13	0	15,740.48	-8,825.35	-232,284.37	0	-232,284.37
860-PAYROLL ACCOUNT	1,298.54	0	0	0	1.9	1,300.44	0	1,300.44
950-ELECTRIC METER DEPOSITS	5,219.73	681.15	0	505	0	5,395.88	10,406.44	15,802.32
951-WATER METER DEPOSITS	1,946.30	200.43	0	140	0	2,006.73	0	2,006.73
952-GAS METER DEPOSITS	10,417.15	312.24	0	205	0	10,524.39	0	10,524.39
GRAND TOTAL	6,204,755.90	788,191.05	7,931.30	652,612.23	-123,742.04	6,208,661.38	1,864,231.63	8,072,893.01

Ending Cash Bal	6,208,661.38
O/S Deposits	-24,440.34
O/S Checks	132,876.98
Bank Balance	6,317,098.02

Bank	Cert. Number	Fund Number and Name	Purchased	Time	Rate	Due	Amount	Fund Total	Cashed	Renewed	Interest Earned
Community State	522532	001-660 Ambulance Trust	09/04/14	12 mos.	0.40	09/04/15	$108,395.08			09/04/14	
Citizens Savings	27283	001-687 Unemployment Trust	10/10/14	12 mos.	0.40	10/10/15	$73,001.80			10/10/14	
								$181,396.88			
*Community State	522530	110 Road Use Tax	09/04/14	12 mos.	0.40	09/04/15	$100,000.00				
*Community State	522719	110 Road Use Tax	10/02/14	12 mos.	0.40	10/02/15	$30,000.00	$130,000.00		10/02/14	
Community State	522796	125 TIF	03/27/15	12 mos.	0.40	03/27/16	$77,511.44	$77,511.44			
Community State	522797	160 Economic Development	03/27/15	12 mos.	0.40	03/27/16	$12,905.75	$12,905.75			
*Community State	522531	500 Cemetery Trust	09/04/14	12 mos.	0.40	09/04/15	$100,000.00	$100,000.00			
Citizens Savings	26920	610 Wastewater/Sewer Operating	11/06/14	12 mos.	0.40	11/06/15	$211,275.73	$211,275.73		11/06/14	
Community State	522485	630 Electric Operating	06/19/15	12 mos.	0.40	06/19/16	$106,957.89			06/19/14	
Citizens Savings	26921	630 Electric Operating	11/06/13	12 mos.	0.40	11/06/14	$105,637.84				
Citizens Savings	27197	630 Electric Operating	12/16/14	12 mos.	0.40	12/16/15	$107,250.80			12/16/14	
								$319,846.53			
Community State	522519	633 Electric Reserve	08/12/15	12 mos.	0.40	08/12/16	$80,469.37			08/12/14	159.30
Citizens Savings	27279	633 Electric Reserve	10/09/14	12 mos.	0.40	10/09/15	$56,586.40			10/09/14	
								$137,055.77			
Citizens Savings	27164	634 Electric Bond & Interest	09/02/14	12 mos.	0.40	09/02/15	$156,099.58	$156,099.58		09/02/14	
Citizens	27281	641 Gas D.E.I.	10/09/14	12 mos.	0.40	10/09/15	$10,406.44	$10,406.44		10/09/14	
*Community Savings	522522	642 Gas Reserve	08/21/14	12 mos.	0.40	08/21/15	$92,173.12				
*Citizens Savings	27198	642 Gas Reserve	12/16/14	12 mos.	0.40	12/16/15	$312,664.92				
								$404,838.04			
Citizens Savings	27282	830 City Reserve Fund	10/10/14	12 mos.	0.40	10/10/15	$112,489.03	$112,489.03		10/10/14	
Citizens Savings	27280	950 Electric Meter Deposit	10/09/14	12 mos.	0.40	10/09/15	$10,406.44	$10,406.44		10/07/14	
		Investments Total					**$1,864,231.63**	**$1,864,231.63**			**$159.30**

Bank	Cert. Number	Fund Number and Name	Purchased	Time	Rate	Due	Amount	Fund Total	Cashed	Renewed	Interest Earned
***Citizen's**	$627.04	12/19/14, paid by check	12/06/14	12 mos.	0.40	12/16/15				Renewed	12/16/2014
#27198	$624.47	06/22/15, paid by check									
Community											
***522522**											
Gas Reserve	$182.83	08/25/14, paid by check									
Interest Receipted	$185.86	02/20/15, paid by check									
to Gas Operating											
***Community**											
#522530	$201.64	09/03/15, paid by check									
#522546	$198.36	03/03/15, paid by check									
Road Use Tax											
Interest receipted											
to St. Dept.											
***Community**											
#522531	$201.64	09/03/15, paid by check									
Cemetery Trust	$198.36	03/13/15, paid by check									
Receipted to											
Cemetery Operating											

Alliance WATER RESOURCES®
Professional Water and Wastewater Operations

OPERATIONS REPORT – Tipton

August, 2015

OPERATING DIVISIONS

MISSOURI

Atchison Wholesale Water Commission
Bonne Terre
Boonville
Bowling Green
Buchanan County #1
Cameron
Cape Girardeau
Craig
East Central Missouri Water & Sewer Authority
Elsberry
Fayette
Franklin County #1
Franklin County #3
Henry County Water Company
Henry County #3
Lake Ozark/ Osage Beach
Lincoln County #1
Nevada
Parkville
Phelps County #2
Platte County #C-1
Ralls County #1
St. Charles County #2
Ste. Genevieve
Sedalia
Versailles

IOWA

Maquoketa
Tipton

TENNESSEE

Dyersburg Welcome Center

Administrative

- Mark attended a meeting at The Lake of the Ozarks.
- Tony and Tim were here to present to the council.

Treatment

- Operations at the Water Plant, East & West Lagoons and Aquatic Center performed 7 days per week.
- The East and West Lagoons had a cBOD removal rate of 97% and 94% respectively. A removal rate of 85 % is required.
- We are still pumping the East Lagoon effluent to outfall #2.
- The outdoor pools closed on the 23rd. Helped with the shutdown.
- Installed a new diaphragm on the chlorine pump at the water plant.
- County inspector was at the pool for the yearly inspection.

Collection/Distribution

- None

Customer Service

- Reset a meter at 208 E 1st.
- Re-read a meter at 309 Sycamore.
- Installed a new meter at 1501 Jeffery.

Project Updates

- MVP was here and performed the maintenance contract on the wastewater pumps.
- East Lagoon pump is fixed. Waiting for a time for it to be reinstalled.
- Disposed of the old lagoon baffle.

Safety

- Safety meeting was on Lockout Tag out Safety.

Regulatory

- July's Operation reports submitted to IDNR.
- Took the toxicity samples for the West and East Lagoon. Both samples passed.
- Sent the DMR-QA 35 results to the IDNR and EPA.

Concerns for the Month

- None

Positives for the Month

- Toxicity tests results were good.

Alliance WATER RESOURCES®
Professional Water and Wastewater Operations

OPERATIONS REPORT – Tipton

WATER SUPPLY SYSTEM

	Well # 5	Well # 6	Plant / System
Total Gals. Pumped(MG)	4.924 MG	6.561 MG	9.455 MG
Ave run time/day	3.94 hrs.	4.63 hrs.	6.35 hrs.
Chlorine Used (gallons)			184
Fluoride Used (lbs.)			169
Polyphosphate Used (lbs.)			129
Min. Free Cl2 Residual (mg/l)			0.75
Coliform Absent/Present			Absent

Testing

Total water test performed this month – 171 Three Total Coliform required per month.

Aquatic Center Information

Water used gal.	Filter wash water gal.	Chlorine added gal.	pH adjust - Acid added gal.
312,750	19,500	550	165

Testing

Total tests performed this month – 241

Wastewater Treatment

West Wastewater Treatment Plant Loading

Parameter	Unit
Hydraulic Loading	0.228 MG/Day
Organic Loading	121.5 lbs. cBOD/Day

NPDES Permit Compliance 1689001-001

Parameter	Monthly Average	Permit Limit
pH	8.11 min 8.22 max	6.0 (min) – 9.0 (max)
CBOD5	4.25 mg/l- 7.01 lbs.	25 mg/l – 238.0 lbs.
TSS	10.5 mg/l – 16.89 lbs.	80 mg/l – 761.0 lbs.
NH3-N	0.973 mg/l – 1.78 lbs.	13.0 mg/l – 127.0

Effluent from the West Lagoon met the compliance requirements of the NPDES permit.

East Wastewater Treatment Plant Loading

Parameter	Unit
Hydraulic Loading	0.099 MG/day
Organic Loading	54.0 lbs. cBOD/Day

East Wastewater Treatment NPDES Permit Compliance 1689002-001

Parameter	Monthly Average	Permit Limit
pH	7.70 min 7.92 Max	6.0(min) - 9.0(max)
CBOD5	2.1 mg/l – 1.735 lbs.	25 mg/l – 125 lbs.
TSS	2.4 mg/l – 2.0 lbs.	80 mg/l – 400 lbs.
NH3-N	6.1 mg/l – 4.9 lbs.	13.0 mg/l – 189.0 lbs.
Chloride	171.0 mg/l – 135.0 lbs.	n/a

Effluent from the East Lagoon met the compliance requirements of the NPDES permit.

Testing

Total Wastewater tests performed this month – 245

Tipton Airport Committee Meeting

August 12, 2015 7:05 at the terminal, Mathews Memorial Airport, Tipton, Iowa.

Max Coppess called the meeting to order with a roll call. Those present: Max Coppess, Sandy Gleaves, Mike Moes, Scott Pearson, and Pam Spear, joined later by Jim Rohlf. Kameron Hein, Dan Levsen, and Craig Schroeder, joined later by Jason Rohlf, were present as guests. The minutes from the previous meeting and the agenda were approved with a motion by Pam and a second by Mike.

The airport improvement situation was discussed, with an emphasis on getting out factual information to the public. Pam will get in touch with Chris Nosbisch concerning a meeting, with Derek present, to field questions. Some form of website for information was also discussed. Jason Rohlf agreed to lend his skills in this area and will work with Scott concerning appropriate information to include. Guests offered the additional ideas of having a BBQ and movies at the airport.

Max reported that fuel sales were unusually heavy this past month. Due to such high sales, the airport was without fuel for four days, as we were waiting to get a split load delivered. Max filed the NOTAM, and took 2500 gallons at the time of delivery. Fuel is now $5.18/gallon. June fuel profits were $491, July was $1,656.

Max received one phone complaint about low-flying ag planes, offered several suggestions, and the issue was dropped by the caller.

It would appear that someone landed short and took out two of the threshold lights. Parts are on order.

The tall structure ordinance is still in limbo. Phil LaRue and Jeff Renander had a couple of questions; hopefully it will be on the agenda of the county supervisors at their next meeting.

Young Eagles program will be on August 29, Scott is getting paperwork and pilots lined up for this.

With no other business to discuss, a motion to adjourn was presented by Scott, with a second by Pam. Meeting closed.

Respectfully submitted by Sandy Gleaves

This meeting is held at the airport terminal and is always open to the public. Minutes are posted on the bulletin board inside the terminal.

Library Board minutes

July 30,2015

In attendance; Jim M. Buffy J. Erik T, Heather W. Jamie M, Jen J. Dale J; Denise S.

Absent- Jen Schuett; Marcus Hertert

Called to order-Denise called meeting to order

Agenda Change: moved election of officers to the first agenda item; Jamie Moved Eric T seconded; motion carried.

Election of Officers- President Eric nominated Jamie; Jim 2nd; motioned carried

Vice President- Buffy nominated Dale J; Jen J. 2nd- motion carried

Secretary- Eric T nominated Buffy J; Jen J second. Motion carried

Approval of last meeting minutes; Jim M moved to accept; Eric T 2nd; motioned carried

Director's Report- Neibors has changed to Bridges; audio books count on Bridges; Annual Report; Video of Summer Reading Program; Next's year deals with Health and Fitness; Dianne will work with Little Friends this school year; Denise on vacation August 26 through September 8. Diane Wallick will be in charge. October Denise will attend ILA

Finance Report; Went through financial report for new members; Came in over budget due to new air conditioning. Dale made motion to accept financial report; Eric T second; motion carried

Personal committee- No report

Grounds committee; Steps in front have been patched; Water in basement need to get someone to look it. Jim Allen painted all the windows. Wes Fox sealed a couple of holes in the roof.

Friend of the Public Library; Eric Attended meeting and had handout of notes-

Old Business-

New Business- Committee Members- Finance –Dale J; Jim M; Heather W.

Maintenance-Jamie; Jen S; Buffy J

Personal-Eric T; Marcus H; Jen J

Cracks by back door

Updated Policy -Confidentiality of Library Records; concern over aged 14 getting own library card

Jim Moved to accept; Buffy J seconded- motion carried

City waiting to pay off final payment of air conditioning; we want Terry G to check over work.

Bushes need to be cut back

When setting budget this fall keep in mind we want install an electronic sign in front of the library

Diane W on Salary or increase of hours?

Jen J moved to adjourn; Heather W second; motion carried

Next Meeting September 14, 2015 at 6:30

Library Director's Report July 2015

Programming

<u>Kid's Programs</u>
Total 4 Programs 558 kids

<u>Teen Programs</u>
Total 1 programs 15 teens

<u>Adult Programs</u>
Total 1 programs 4 adults

Materials

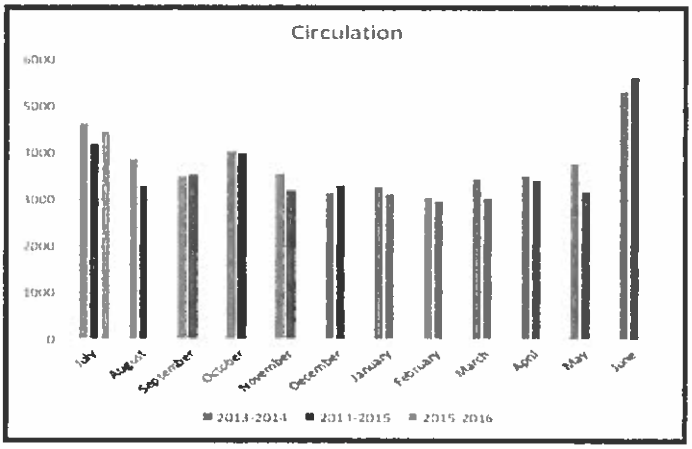
Adult CDs	2
Total Audios	2
Adult DVD's	26
Kids DVD's	2
Total DVD's	28
Adult Fiction	27
Adult Non-fiction	7
Beginner Readers	2
Biographies	2
Board Books	6
Christian Fiction	2
Easy Readers	1
Kid's B. Chapter	1
Kids Fiction	19
Kid's Picture Books	13
Teen Fiction	9
Total books	89
Magazines	38
Total Magazines	38
Other	21
Total Other	21
Total	178
Discarded	
Books	259
Magazines	83
Videos	9
Other	32
Total	383

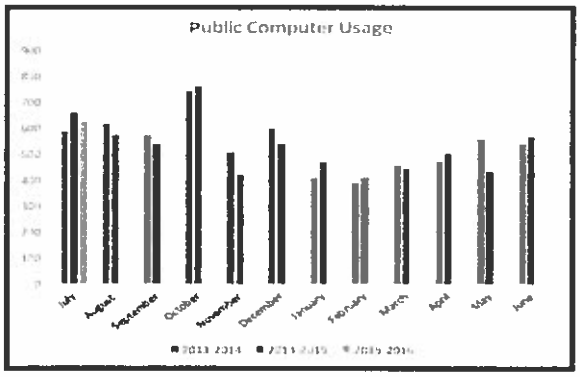
Meeting Room Users

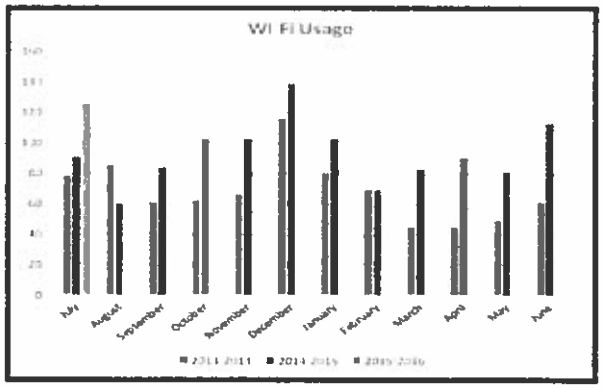
Non-profits-0 users
Private Individuals-0 users
Total: 0 times

Monetary amount spent on:
Books: $976.74
CDs: $56.25
DVDs: $328.80

Ebook checkouts: 76
Audio checkouts: 46







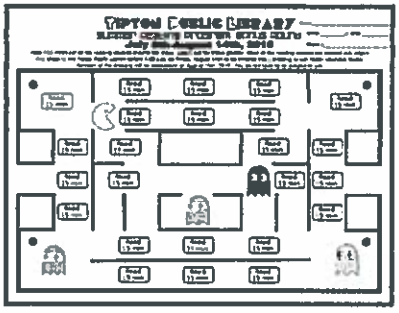
Library Director's Report August 2015

Programming

Kid's Programs
Total 0 Programs 0 kids

Teen Programs
Total 0 programs 0 teens

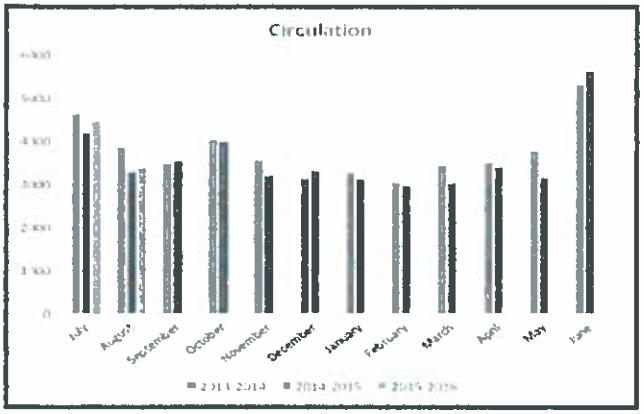
Adult Programs
Total 0 programs 0 adults



Meeting Room Users
Non-profits-1 users
Private Individuals-0 users
Total: 1 times

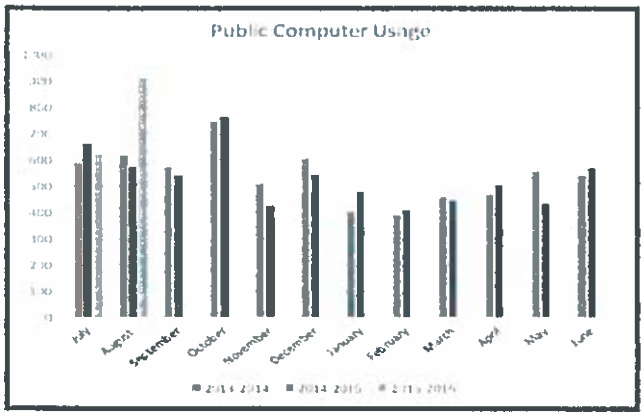
Monetary amount spent on:
Books: $1072.54
CDs: $153.75
DVDs: $301.41

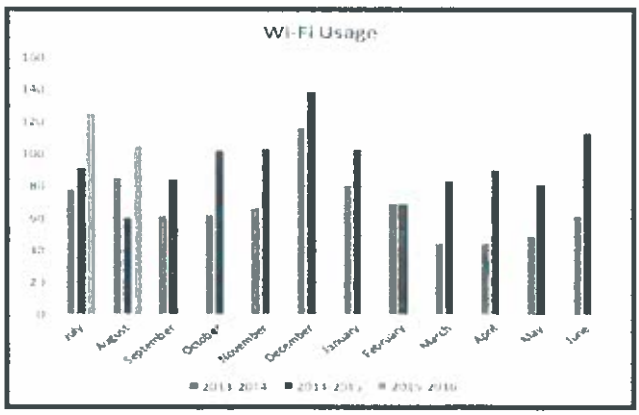
Ebook checkouts: 85
Audio checkouts: 42



Materials

Adult CDs	5
Total Audios	5
Adult DVD's	11
Blue Ray Disc	1
Kids DVD's	7
Total DVD's	19
Adult Fiction	18
Adult Non-fiction	2
Board Books	1
Christian Fiction	1
Kids Fiction	34
Kids Nonfiction	2
Kid's Picture Books	44
Large Type	2
Mystery	1
Teen Fiction	33
Total books	138
Magazines	44
Total Magazines	44
Other	18
Total Other	18
Total	224
Discarded	
Books	150
Magazines	21
Audios	1
Videos	1
Other	41
Total	214





J. Mayoral Proclamation

DAR
Daughters of the American Revolution®

WHEREAS: The Constitution of the United States of America, the guardian of our liberties, embodies the principles of limited government in a Republic dedicated to rule by law; and

WHEREAS: September 17, 2015, marks the two hundred twenty-eighth anniversary of the framing of the Constitution of the United States of America by the Constitutional Convention; and

WHEREAS: It is fitting and proper to accord official recognition to this magnificent document and its memorable anniversary, and to the patriotic celebrations which will commemorate it; and

WHEREAS: Public Law 915 guarantees the issuing of a proclamation each year by the President of the United States of America designating September 17 through 23 as Constitution Week,

NOW, THEREFORE I, Shirley Kepford by virtue of the authority vested in me as (Governor or Mayor) of the State or City) of Tipton (in the City of) Tipton do hereby proclaim the week of September 17 through 23 as

CONSTITUTION WEEK

and ask our citizens to reaffirm the ideals the Framers of the Constitution had in 1787 by vigilantly protecting the freedoms guaranteed to us through this guardian of our liberties.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the (State or City) to be affixed this _____ day of _____ of the year of our Lord two thousand _____.

Signed _____ SEAL Attest _____

K. Old Business

AGENDA ITEM # K – 1

AGENDA INFORMATION
TIPTON CITY COUNCIL COMMUNICATION

DATE:	September 21, 2015
AGENDA ITEM:	Reel Trailer
ACTION:	None

SYNOPSIS: Staff is asking that we move forward with the approval of this purchase, although it is very likely that we will wait until spring on delivery. Staff is waiting on a quote from Vermeer as they will be the only local bidder. If staff has the quote prior to the meeting, we will ask Council to remove the item from the table for action.

BUDGET ITEM: N/A

RESPONSIBLE DEPARTMENT: City Manager

MAYOR/COUNCIL ACTION: Motion

ATTACHMENTS: Supporting Documents

PREPARED BY: Chris Nosbisch **DATE PREPARED:** 9/17/15

QUOTE ONLY

Kiefer Manufacturing

P.O. BOX 10
KANAWHA, IOWA 50447
641-923-1782

QUOTE DATE	8/17/2015
PO #	**QUOTE ONLY**
TERMS	
EST. DELIVERY	7 weeks
FOB	Kanawha, IA
SALESMAN	Glen

SOLD TO:		**SHIPPED TO:**
CUSTOMER	City of Tipton, IA	**CUSTOMER**
ADDRESS		**ADDRESS**
CITY, STATE		**CITY, STATE**
ZIP		**ZIP**
PHONE		**PHONE**
FAX		**FAX**
CONTACT	Floyd Tabor	**CONTACT**

QUANTITY	DESCRIPTION	net Price
1	**2016 Kiefer ICH-CG 7K**	
	SELF LOADING REEL TRAILER	$5,873.00
	70" x 120" Reel Maximum	
	6" Channel Main Frame & Tongue	
	7,700 GVWR	
	ELECTRIC BRAKES	
	8 lug Grease hubs	
	235 85R 16 10 Ply Radials	
	Overall Width 102" - Overall Length 144"	
	Open yoke design for easy loading/unloading	
	12 Gauge formed Fenders	
	3" adjustable Lunette Eye	
	2 1/2" REEL BAR W/LOCKING COLLARS	
	(2) 3"x8" Hyd Cylinders	
	7K Top-wind Drop-leg Jack	
	7 Prong R V Style Light Plug	
	BREAKAWAY SWITCH W/GEL CELL BATTERY	
	Multi Position Reel Bar Carrier	
	Secondary Reel Bar Lock	
	(2) 3/8" x 36" Safety Chains	
	DOT APPROVED LED LIGHTS	
	(2) 5" x8" Rubber wheel chocks w/holders	
	(2) Hydraulic Hand Pumps independently operate	
	paint–Cat Yellow, Black, Red, White	

SUBTOTAL	**$5,873.00**
FET	
TAX	
FREIGHT	**FOB Kanawha**
Total Cost (each)	**$5,873.00**

FAX

DATE: 8-14-15

Number of pages including cover sheet 1

TO: City of Lyston

FROM: ROOSE MFG. COMPANY
2090 Idaho Drive (Shipping)
P O Box 322 (Mailing); Pella, IA 50219-0322
Phone: (641) 628-2529 Fax: (641) 628-1400
US Watts: 1-800-552-3276
Web Site: www.roosemfg.com

ATTN: Floyd K. Taber

PHONE: 563-886-0187

FAX: _____

REMARKS: ____ Urgent ✓ For Your Review ____ Reply ASAP ____ Please Comment

Roose Reel Carrier Information

MODEL #	# OF UNITS	PRICE EACH	F.O.B. PELLA, IA
RR-160	1	$ 7,000.00	"
RR-185	1	$ 8,300.00	"

PAYMENT TERMS: TOTAL IN ADVANCE: YES___ NO ✓

DOWN PAYMENT: $_____ BALANCE DUE 30 DAYS: $_____
(ALL COMPANY CHECKS REQUIRE 7 DAYS TO CLEAR)

VISA AND/OR MASTERCARD PAYMENT ADD 3% TO TOTAL INVOICE

WIRE TRANSFER: CALL FOR INFORMATION

TOTAL PAYMENT DUE (FREIGHT INCLUDED) $_____

FREIGHT: PELLA TO: Delivered COST: $ —

ALLOW 3 WEEKS BEFORE SHIPPING

QUOTE GOOD FOR: 3 WEEKS FROM ABOVE DATE.

THANK YOU!!!! Jerry Roose Bros.

ROOSE REELERS
Pella, IA

Innerduct.com

"The Innerduct Specialists!"

QUOTATION

All agreements made contingent upon strikes, fires, accidents or cause beyond our control Stenographic or clerical errors subject to correction. Order resulting from this quotation subject to acceptance by our Credit Department. Quotations subject to increase due to metal or raw material escalation and may be withdrawn without notice.
Terry-Durin Co. will not be held responsible for the accuracy of this bill of material . It is the responsiblity of the contractor to ensure that all material is correct and meets the specification of the job being quoted.
Some material may be non cancelable or non returnable

Submitted To:	Floyd Taber	**E-MAIL:**	
Company:	City of Tipton	**OFF:**	563-886-4110
Address:	407 Lynn Street	**Fax:**	
City, State, Zip:	Tipton IA 52772	**By:**	Merle

Qty	Catalogue Number	Description	NC/NR	Unit Cost	U/M	Total Cost
						$0.00
2.0	I-60	Wheeler Reel Trailers		6,778.0000		$13,556.00
		6000# Payload 120" Reel 12V Elec Std				$0.00
						$0.00
		Freight Allowed				$0.00
		3-4 Days ARO				$0.00
						$0.00
						$0.00
2.0	I-85	Wheeler Reeler Trailer		7,759.0000		$15,518.00
		8500# 120" Reel 12V Elec Std				$0.00
		Freight Allowed				$0.00
		3-4 Weeks ARO				$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
		Note Price is Per Quantities on Quote				$0.00
		Extra Delivery charges may apply if				$0.00
		delivery is to a residential area - militairy				$0.00
		base- reservation or a lift gate is required				$0.00
						$0.00
						$0.00

FOB: FREIGHT TIME **TOTAL COST:** **$29,074.00**

BOM APPROVED AND RELEASED BY: **PRICE FIRM UNTIL:** **7-DAYS**

NAME: **DATE:**

Orders will not be released without signature

Note: All material must be bought in standard packaging unless otherwise specified.

TERMS: NET 30, finance charges maybe added to invoices not paid in 30 days.

Signed: **Date:** 08/18/2015

FAX: 319-364-2562 **TOLL: 800-332-8114** **LOCAL: 319-364-4106**

ADDRESS: 409 Seventh Avenue SE, Cedar Rapids, IA 52405

L. Motions for Approval

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-0060	ALBAUGH PHC INC								
	I 26267-2	COUPLING	AP		R	10/16/2015	4.42	4.42CR	
		G/L ACCOUNT					4.42		
		630 5-820-2-65070 OPERATING SUPPLIES				4.42	COUPLING		
	I 26432	WORK ON AQUATIC CENTER TOIL	AP		R	10/16/2015	1,612.39	1,612.39CR	
		G/L ACCOUNT					1,612.39		
		001 5-465-2-63100 BUILDING MAINTENANCE & REPAIR				1,612.39	WORK ON AQUATIC CENTER TOILETS		
				REG. CHECK			1,616.81	1,616.81CR	0.00
							1,616.81	0.00	
01-0071	ALLIANCE WATER RESOURCES IN								
	I 6594	SEPTEMBER SERVICES	AP		R	10/16/2015	24,904.29	24,904.29CR	
		G/L ACCOUNT					24,904.29		
		001 5-465-2-64910 CONTRACT SERVICES				1,494.26	SEPTEMBER SERVICES		
		600 5-810-2-64910 CONTRACT SERVICES				11,954.06	SEPTEMBER SERVICES		
		610 5-815-2-64910 CONTRACT SERVICES				11,455.97	SEPTEMBER SERVICES		
				REG. CHECK			24,904.29	24,904.29CR	0.00
							24,904.29	0.00	
01-0075	ALLIED ELECTRONICS INC								
	I 9004955933	REPAIR PARTS #30	AP		R	9/16/2015	54.33	54.33CR	
		G/L ACCOUNT					54.33		
		810 5-899-2-63321 REPAIR PARTS				54.33	REPAIR PARTS #30		
				REG. CHECK			54.33	54.33CR	0.00
							54.33	0.00	
01-0143	AUS WATERLOO MC LOCKBOX								
	I 6485908	MATS CITY HALL	AP		R	10/16/2015	88.87	88.87CR	
		G/L ACCOUNT					88.87		
		001 5-650-2-63100 BUILDING MAINTENANCE & REPAIR				88.87	MATS CITY HALL		
	I 6485912	MATS AMB BLDG	AP		R	10/16/2015	121.03	121.03CR	
		G/L ACCOUNT					121.03		
		001 5-160-2-63100 BUILDING MAINTENANCE & REPAIR				121.03	MATS AMB BLDG		
				REG. CHECK			209.90	209.90CR	0.00
							209.90	0.00	

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-0410	CEDAR COUNTY CO-OP								
	C 14012	FUEL DISCOUNT	AP		R	9/16/2015	16.03CR	16.03	
		G/L ACCOUNT					16.03CR		
		810 5-899-2-65075 FUEL					16.03CR	FUEL DISCOUNT	
	I 0815CCC	534.455 GL PW/38.583 GL PAR	AP		R	10/16/2015	1,485.21	1,485.21CR	
		G/L ACCOUNT					1,485.21		
		001 5-430-2-65075 FUEL					87.77	534.455 GL PW/38.583 GL PARK	
		810 5-899-2-65075 FUEL					1,397.44	534.455 GL PW/38.583 GL PARK	
			REG. CHECK				1,469.18	1,469.18CR	0.00
							1,469.18	0.00	
01-0432	CEDAR COUNTY ENVIRONMENTAL								
	I 0915CCEH	POOL INSPECTION	AP		R	10/16/2015	979.00	979.00CR	
		G/L ACCOUNT					979.00		
		001 5-465-2-64820 INSPECTION FEES					979.00	POOL INSPECTION	
			REG. CHECK				979.00	979.00CR	0.00
							979.00	0.00	
01-0461	CEDAR COUNTY SOLID WASTE								
	I 0815CCTS	TRANSFER FEES	AP		R	10/16/2015	3,175.00	3,175.00CR	
		G/L ACCOUNT					3,175.00		
		670 5-840-2-64850 TRANSFER FEES					3,175.00	TRANSFER FEES	
			REG. CHECK				3,175.00	3,175.00CR	0.00
							3,175.00	0.00	
01-0530	CENTRAL IOWA DISTRIBUTING I								
	I 127230	SHOP SUPPLIES	AP		R	9/16/2015	124.50	124.50CR	
		G/L ACCOUNT					124.50		
		810 5-899-2-65070 OPERATING SUPPLIES					124.50	SHOP SUPPLIES	
			REG. CHECK				124.50	124.50CR	0.00
							124.50	0.00	

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-0570	CHAPMAN METERING								
	I S101163384.001	INSTALL GENERATION METERS	AP		R	9/16/2015	1,926.00	1,926.00CR	
		G/L ACCOUNT					1,926.00		
		630 5-821-2-65054 STATION EQUIPMENT				1,926.00	INSTALL GENERATION METERS		
			REG. CHECK				1,926.00	1,926.00CR	0.00
							1,926.00	0.00	
01-1701	CITY OF MECHANICSVILLE								
	I 061815COM	MUTUAL AID	AP		R	10/16/2015	100.00	100.00CR	
		G/L ACCOUNT					100.00		
		001 5-160-2-64130 PAYMENT TO OTHER AGENCIES/FUND				100.00	MUTUAL AID		
			REG. CHECK				100.00	100.00CR	0.00
							100.00	0.00	
01-0587	CLARENCE LOWDEN SUN-NEWS &								
	I 0815CLSNA	YOUTH REC, FAC	AP		R	10/16/2015	324.50	324.50CR	
		G/L ACCOUNT					324.50		
		001 5-446-2-64020 ADVERTISING				66.00	YOUTH REC, FAC		
		001 5-465-2-64020 ADVERTISING				258.50	YOUTH REC, FAC		
			REG. CHECK				324.50	324.50CR	0.00
							324.50	0.00	
01-0697	CUSTOM BUILDERS INC								
	I 74590	BLUETOOTH HEADSET	AP		R	10/17/2015	99.99	99.99CR	
		G/L ACCOUNT					99.99		
		001 5-299-2-63730 TELECOMMUNICATIONS EXPENSE				99.99	BLUETOOTH HEADSET		
			REG. CHECK				99.99	99.99CR	0.00
							99.99	0.00	
01-0860	EASTERN IOWA LIGHT & PWR								
	I 0815CEM	CEMETERY	AP		R	10/16/2015	27.25	27.25CR	
		G/L ACCOUNT					27.25		
		750 5-280-2-63710 UTILITIES				27.25	CEMETERY		
	I 0815LAG	LAGOONS	AP		R	10/16/2015	670.24	670.24CR	
		G/L ACCOUNT					670.24		
		610 5-815-2-63710 UTILITIES				670.24	LAGOONS		

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
	I 0815SL1	SECURITY LIGHT	AP		R	10/16/2015	10.68	10.68CR	
		G/L ACCOUNT					10.68		
		750 5-280-2-63710 UTILITIES					10.68 SECURITY LIGHT		
	I 0815SL2	SECURITY LIGHT	AP		R	10/16/2015	10.68	10.68CR	
		G/L ACCOUNT					10.68		
		750 5-280-2-63710 UTILITIES					10.68 SECURITY LIGHT		
			REG. CHECK				718.85	718.85CR	0.00
							718.85	0.00	
01-0930	EMERGENCY MEDICAL PRODUCTS								
	I 1763496	MEDICAL SUPPLIES	AP		R	10/17/2015	506.96	506.96CR	
		G/L ACCOUNT					506.96		
		001 5-160-2-65070 OPERATING SUPPLIES					506.96 MEDICAL SUPPLIES		
	I 1766276	MEDICAL SUPPLIES	AP		R	10/17/2015	259.85	259.85CR	
		G/L ACCOUNT					259.85		
		001 5-160-2-65070 OPERATING SUPPLIES					259.85 MEDICAL SUPPLIES		
			REG. CHECK				766.81	766.81CR	0.00
							766.81	0.00	
01-0965	FAMILY FOODS								
	I 080515FF	MISC MEETING SUPPLIES	AP		R	10/17/2015	97.93	97.93CR	
		G/L ACCOUNT					97.93		
		001 5-160-2-65980 MISCELLANEOUS					97.93 MISC MEETING SUPPLIES		
			REG. CHECK				97.93	97.93CR	0.00
							97.93	0.00	
01-1020	FLETCHER-REINHARDT CO.								
	I S1120645.001	2 STREET LIGHTS	AP		R	10/16/2015	421.58	421.58CR	
		G/L ACCOUNT					421.58		
		630 5-820-2-65303 STREET LIGHTS					421.58 2 STREET LIGHTS		
	I S1124482.001	UNDERGROUND SUPPLIES	AP		R	10/16/2015	245.98	245.98CR	
		G/L ACCOUNT					245.98		
		630 5-820-2-65304 UNDERGROUND SUPPLIES					245.98 UNDERGROUND SUPPLIES		
	I S1124771.001	OVERHEAD SUPPLIES	AP		R	10/16/2015	32.64	32.64CR	
		G/L ACCOUNT					32.64		
		630 5-820-2-65302 OVERHEAD SUPPLIES					32.64 OVERHEAD SUPPLIES		

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
I S1124771.002		3 HARD HATS	AP		R	10/16/2015	79.60	79.60CR	
		G/L ACCOUNT					79.60		
		630 5-820-2-65100 SAFETY				79.60	3 HARD HATS		
I S1124857.001		OVERHEAD SUPPLIES	AP		R	10/16/2015	42.27	42.27CR	
		G/L ACCOUNT					42.27		
		630 5-820-2-65302 OVERHEAD SUPPLIES				42.27	OVERHEAD SUPPLIES		
I S1124960.001		UNDERGROUND SUPPLIES	AP		R	10/16/2015	1,494.79	1,494.79CR	
		G/L ACCOUNT					1,494.79		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				1,494.79	UNDERGROUND SUPPLIES		
I S1124960.002		UNDERGROUND SUPPLIES	AP		R	10/16/2015	1,766.57	1,766.57CR	
		G/L ACCOUNT					1,766.57		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				1,766.57	UNDERGROUND SUPPLIES		
I S1125134.001		4 METER SOCKETS	AP		R	10/16/2015	847.44	847.44CR	
		G/L ACCOUNT					847.44		
		630 5-820-2-65300 METERS				847.44	4 METER SOCKETS		
				REG. CHECK			4,930.87	4,930.87CR	0.00
							4,930.87	0.00	
01-1048 FOSTER COACH SALES INC.									
I 7526		ROTARY LATCH #67	AP		R	10/16/2015	33.52	33.52CR	
		G/L ACCOUNT					33.52		
		810 5-899-2-63321 REPAIR PARTS				33.52	ROTARY LATCH #67		
				REG. CHECK			33.52	33.52CR	0.00
							33.52	0.00	
01-1051 FRIENDS OF THE ANIMALS									
I 091515FOTA		3 DOGS	AP		R	10/16/2015	225.00	225.00CR	
		G/L ACCOUNT					225.00		
		001 5-190-2-64910 CONTRACT SERVICES				225.00	3 DOGS		
				REG. CHECK			225.00	225.00CR	0.00
							225.00	0.00	

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-1055	G & K SERVICES								
I 417237		UNIFORMS PUBLIC WORKS	AP		R	10/16/2015	49.98	49.98CR	
		G/L ACCOUNT					49.98		
		670 5-840-2-64350	UNIFORMS/EQUIPMENT				8.29	UNIFORMS PUBLIC WORKS	
		600 5-810-2-64350	UNIFORMS/EQUIPMENT				6.49	UNIFORMS PUBLIC WORKS	
		001 5-210-2-64350	UNIFORMS/EQUIPMENT				14.13	UNIFORMS PUBLIC WORKS	
		810 5-899-2-64350	UNIFORMS/EQUIPMENT				8.07	UNIFORMS PUBLIC WORKS	
		001 5-299-2-64350	UNIFORMS/EQUIPMENT				13.00	UNIFORMS PUBLIC WORKS	
I 417238		UNIFORMS EL & GAS	AP		R	10/16/2015	111.02	111.02CR	
		G/L ACCOUNT					111.02		
		630 5-820-2-64350	UNIFORMS/EQUIPMENT				84.14	UNIFORMS EL & GAS	
		640 5-825-2-64350	UNIFORMS/EQUIPMENT				26.88	UNIFORMS EL & GAS	
I 420534		UNIFORMS PUBLIC WORKS	AP		R	10/16/2015	49.98	49.98CR	
		G/L ACCOUNT					49.98		
		670 5-840-2-64350	UNIFORMS/EQUIPMENT				8.29	UNIFORMS PUBLIC WORKS	
		600 5-810-2-64350	UNIFORMS/EQUIPMENT				6.49	UNIFORMS PUBLIC WORKS	
		001 5-210-2-64350	UNIFORMS/EQUIPMENT				14.13	UNIFORMS PUBLIC WORKS	
		810 5-899-2-64350	UNIFORMS/EQUIPMENT				8.07	UNIFORMS PUBLIC WORKS	
		001 5-299-2-64350	UNIFORMS/EQUIPMENT				13.00	UNIFORMS PUBLIC WORKS	
I 420535		UNIFORMS EL & GAS	AP		R	10/16/2015	111.02	111.02CR	
		G/L ACCOUNT					111.02		
		630 5-820-2-64350	UNIFORMS/EQUIPMENT				84.14	UNIFORMS EL & GAS	
		640 5-825-2-64350	UNIFORMS/EQUIPMENT				26.88	UNIFORMS EL & GAS	
I 420536		SHOP TOWELS	AP		R	10/16/2015	109.31	109.31CR	
		G/L ACCOUNT					109.31		
		810 5-899-2-65070	OPERATING SUPPLIES				109.31	SHOP TOWELS	
			REG. CHECK				431.31	431.31CR	0.00
							431.31	0.00	
01-1102	GREAT WESTERN SUPPLY CO								
I 086475		HAIR/BODY SOAP	AP		R	10/16/2015	95.98	95.98CR	
		G/L ACCOUNT					95.98		
		001 5-465-2-65070	OPERATING SUPPLIES				95.98	HAIR/BODY SOAP	
			REG. CHECK				95.98	95.98CR	0.00
							95.98	0.00	

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VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-1115	H & H AUTO								
	I 30878	2 TIRES #71	AP		R	10/16/2015	75.46	75.46CR	
		G/L ACCOUNT					75.46		
		810 5-899-2-63322 TIRES				75.46	2 TIRES #71		
				REG. CHECK			75.46	75.46CR	0.00
							75.46	0.00	
01-1	HERITAGE PRINTING								
	I 20371	500BSNCARDS	AP		R	9/16/2015	57.25	57.25CR	
		G/L ACCOUNT					57.25		
		001 5-525-2-65060 OFFICE SUPPLIES				57.25	HERITAGE PRINTING:500BSNCARDS		
				REG. CHECK			57.25	57.25CR	0.00
							57.25	0.00	
01-1289	INTEGRATED TECHNOLOGY PARTN								
	I 101126	TECH SERVICES DEV OFFICE PC	AP		R	9/16/2015	85.00	85.00CR	
		G/L ACCOUNT					85.00		
		001 5-525-2-64190 TECHNOLOGY				85.00	TECH SERVICES DEV OFFICE PC		
	I 101132	FIX PRINTING ISSUES	AP		R	9/16/2015	21.25	21.25CR	
		G/L ACCOUNT					21.25		
		630 5-822-2-64190 TECHNOLOGY				21.25	FIX PRINTING ISSUES		
	I 101151	DEPOSIT ON DEV OFFICE LAPTO	AP		R	9/16/2015	1,635.00	1,635.00CR	
		G/L ACCOUNT					1,635.00		
		001 5-525-3-67271 COMPUTER EXPENSE				1,635.00	DEPOSIT ON DEV OFFICE LAPTOP		
				REG. CHECK			1,741.25	1,741.25CR	0.00
							1,741.25	0.00	
01-1332	IOWA ONE CALL								
	I 174167	LOCATES	AP		R	10/16/2015	63.90	63.90CR	
		G/L ACCOUNT					63.90		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				21.30	LOCATES		
		600 5-810-2-65307 SERVICE LINES				21.30	LOCATES		
		640 5-825-2-65307 SERVICE LINES				21.30	LOCATES		
				REG. CHECK			63.90	63.90CR	0.00
							63.90	0.00	

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VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-1500	KUNDE OUTDOOR EQUIPMENT								
	I 8983	BAR & CHAIN FOR SAW	AP		R	10/16/2015	53.45	53.45CR	
		G/L ACCOUNT					53.45		
		001 5-221-2-65070 OPERATING SUPPLIES				53.45	BAR & CHAIN FOR SAW		
				REG. CHECK			53.45	53.45CR	0.00
							53.45	0.00	
01-1514	LANDS' END BUSINESS OUTFITT								
	I SIN3071014	1 SHIRT (BACKORDERED)	AP		R	9/16/2015	25.00	25.00CR	
		G/L ACCOUNT					25.00		
		835 5-899-2-64350 UNIFORMS/EQUIPMENT				25.00	1 SHIRT (BACKORDEPED)		
				REG. CHECK			25.00	25.00CR	0.00
							25.00	0.00	
01-1660	MANATTS INC								
	I 784269	EAST 5TH INTAKE	AP		R	10/16/2015	223.10	216.10CR	
		G/L ACCOUNT				10/16/2015	223.10	7.00CR	
		001 5-291-2-65070 OPERATING SUPPLIES				223.10	EAST 5TH INTAKE		
	I 784594	LIGHT BASE	AP		R	10/16/2015	109.90	106.90CR	
		G/L ACCOUNT				10/16/2015	109.90	3.00CR	
		001 5-291-2-65070 OPERATING SUPPLIES				109.90	LIGHT BASE		
	I 785602	2ND & SYCAMORE	AP		R	10/16/2015	163.20	159.20CR	
		G/L ACCOUNT				10/16/2015	163.20	4.00CR	
		001 5-291-2-65070 OPERATING SUPPLIES				163.20	2ND & SYCAMORE		
	I 785603	3RD & CEDAR	AP		R	10/16/2015	138.20	134.20CR	
		G/L ACCOUNT				10/16/2015	138.20	4.00CR	
		001 5-291-2-65070 OPERATING SUPPLIES				138.20	3RD & CEDAR		
	I 785780	3RD & CEDAR INTAKE	AP		R	10/16/2015	194.80	188.80CR	
		G/L ACCOUNT				10/16/2015	194.80	6.00CR	
		001 5-291-2-65070 OPERATING SUPPLIES				194.80	3RD & CEDAR INTAKE		
				REG. CHECK			829.20	805.20CR	0.00
							829.20	24.00CR	

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01-2468	MOELLER TIPTON TIRE & AUTO								
	I 22182	TUBE FOR 3RD & CEDAR INTAKE AP			R	10/16/2015	19.96	19.96CR	
		G/L ACCOUNT					19.96		
		001 5-291-2-65070 OPERATING SUPPLIES					19.96	TUBE FOR 3RD & CEDAR INTAKE	
			REG. CHECK				19.96	19.96CR	0.00
							19.96	0.00	
01-1700	MUNICIPAL EMERGENCY SERVICE								
	I 00666305	REPLACE CONTAMINATED EQUIPM AP			R	9/16/2015	77.21	77.21CR	
		G/L ACCOUNT					77.21		
		001 5-150-2-64350 UNIFORMS/EQUIPMENT					77.21	REPLACE CONTAMINATED EQUIPMENT	
	I 00668217	REPLACE CONTAMINATED EQUIPM AP			R	9/16/2015	130.16	130.16CR	
		G/L ACCOUNT					130.16		
		001 5-150-2-64350 UNIFORMS/EQUIPMENT					130.16	REPLACE CONTAMINATED EQUIPMENT	
			REG. CHECK				207.37	207.37CR	0.00
							207.37	0.00	
01-1877	NET MOTION WIRELESS INC								
	I I0027587	ANNUAL SOFTWARE MAINTENANCE AP			R	9/16/2015	1,000.00	1,000.00CR	
		G/L ACCOUNT					1,000.00		
		001 5-110-2-64190 TECHNOLOGY					1,000.00	ANNUAL SOFTWARE MAINTENANCE	
			REG. CHECK				1,000.00	1,000.00CR	0.00
							1,000.00	0.00	
01-2057	PRAXAIR DISTRIBUTION INC								
	I 53652807	OXYGEN	AP		R	10/17/2015	272.68	272.68CR	
		G/L ACCOUNT					272.68		
		001 5-160-2-65070 OPERATING SUPPLIES					272.68	OXYGEN	
			REG. CHECK				272.68	272.68CR	0.00
							272.68	0.00	

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VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-2112 RESCO									
	I 621061-00	TRANSFORMER BOX PAD	AP		R	10/16/2015	1,016.50	1,016.50CR	
		G/L ACCOUNT					1,016.50		
		630 5-820-2-65302 OVERHEAD SUPPLIES				1,016.50	TRANSFORMER BOX PAD		
	I 621310-00	TRANSFORMER BOX PAD, VOLT T	AP		R	10/16/2015	1,050.74	1,050.74CR	
		G/L ACCOUNT					1,050.74		
		630 5-820-2-65302 OVERHEAD SUPPLIES				1,050.74	TRANSFORMER BOX PAD, VOLT TSTR		
			REG. CHECK				2,067.24	2,067.24CR	0.00
							2,067.24	0.00	
01-2165 SANDRY FIRE SUPPLY LLC									
	I 48689	UNIFORMS/EQUIPMENT	AP		R	9/16/2015	1,741.72	1,741.72CR	
		G/L ACCOUNT					1,741.72		
		001 5-150-2-64350 UNIFORMS/EQUIPMENT				1,741.72	UNIFORMS/EQUIPMENT		
			REG. CHECK				1,741.72	1,741.72CR	0.00
							1,741.72	0.00	
01-2167 SCHIMBERG CO									
	I 7417151-00	4 STORM INTAKES	AP		R	10/16/2015	1,852.56	1,852.56CR	
		G/L ACCOUNT					1,852.56		
		001 5-291-2-65070 OPERATING SUPPLIES				1,852.56	4 STORM INTAKES		
			REG. CHECK				1,852.56	1,852.56CR	0.00
							1,852.56	0.00	
01-2199 SHERMCO INDUSTRIES INC									
	I 15-07601	DRAFT INTERCONNECTION AGREE	AP		R	9/16/2015	1,200.00	1,200.00CR	
		G/L ACCOUNT					1,200.00		
		630 5-820-2-64070 ENGINEERING				1,200.00	DRAFT INTERCONNECTION AGREEMNT		
			REG. CHECK				1,200.00	1,200.00CR	0.00
							1,200.00	0.00	

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-2235 SPINUTECH INC									
I 21730		SEPT EMAIL MARKETING	AP		R	9/16/2015	25.00	25.00CR	
		G/L ACCOUNT					25.00		
		001 5-525-2-64020 ADVERTISING				25.00	SEPT EMAIL MARKETING		
				REG. CHECK			25.00	25.00CR	0.00
							25.00	0.00	
01-1239 STATE HYGIENIC LABORATORY									
I 62687		POOL TESTING FEES	AP		R	10/16/2015	37.50	37.50CR	
		G/L ACCOUNT					37.50		
		001 5-465-2-64121 HEALTH SERVICES				37.50	POOL TESTING FEES		
				REG. CHECK			37.50	37.50CR	0.00
							37.50	0.00	
01-2260 STUART C IRBY CO									
I S009127025.001		UNDERGROUND SUPPLIES	AP		R	9/16/2015	4,706.40	4,706.40CR	
		G/L ACCOUNT					4,706.40		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				4,706.40	UNDERGROUND SUPPLIES		
I S009127025.002		UNDERGROUND SUPPLIES	AP		R	9/16/2015	2,544.00	2,544.00CR	
		G/L ACCOUNT					2,544.00		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				2,544.00	UNDERGROUND SUPPLIES		
I S009144816.001		UNDERGROUND SUPPLIES	AP		R	9/16/2015	1,335.60	1,335.60CR	
		G/L ACCOUNT					1,335.60		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				1,335.60	UNDERGROUND SUPPLIES		
I S009145594.001		UNDERGROUND SUPPLIES	AP		R	9/16/2015	466.40	466.40CR	
		G/L ACCOUNT					466.40		
		630 5-820-2-65304 UNDERGROUND SUPPLIES				466.40	UNDERGROUND SUPPLIES		
				REG. CHECK			9,052.40	9,052.40CR	0.00
							9,052.40	0.00	
01-2318 SUMMIT COMPANIES									
I 1159475		FIRE EXTINGUISHER SERVICED	AP		R	9/16/2015	130.00	130.00CR	
		G/L ACCOUNT					130.00		
		001 5-150-2-63500 OPERATIONAL EQUIPT MAINT & REP				130.00	FIRE EXTINGUISHER SERVICED		

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
			REG. CHECK				130.00	130.00CR	0.00
							130.00	0.00	

01-2310 SWICK CABLE CONTRACTOR'S IN

I 16295	DIRECTIONAL BORE NORTH ST	AP		R	10/16/2015	1,540.00	1,540.00CR	
	G/L ACCOUNT					1,540.00		
	630 5-820-2-64910	CONTRACT SERVICES			1,540.00	DIRECTIONAL BORE NORTH ST		
			REG. CHECK			1,540.00	1,540.00CR	0.00
						1,540.00	0.00	

01-2400 TIPTON CONSERVATIVE

I 201509174995	PUBLIC HEARING GAS	AP		R	10/17/2015	10.33	10.33CR	
	G/L ACCOUNT					10.33		
	640 5-825-2-64020	ADVERTISING			10.33	PUBLIC HEARING GAS		
I 201509174996	ZONING ORDINANCE #553	AP		R	10/17/2015	40.75	40.75CR	
	G/L ACCOUNT					40.75		
	001 5-620-2-64940	ZONING EXPENSE			40.75	ZONING ORDINANCE #553		
I 201509174997	MINUTES	AP		R	10/17/2015	225.58	225.58CR	
	G/L ACCOUNT					225.58		
	835 5-899-2-64140	PRINTING & PUBLISHING			225.58	MINUTES		
I 201509174998	NOTICE TO BIDDERS-3 VEHICLE	AP		R	10/17/2015	18.37	18.37CR	
	G/L ACCOUNT					18.37		
	810 5-899-2-65980	MISCELLANEOUS			18.37	NOTICE TO BIDDERS-3 VEHICLES		
I 201509174999	YOUTH REC	AP		R	10/17/2015	85.20	85.20CR	
	G/L ACCOUNT					85.20		
	001 5-446-2-64020	ADVERTISING			85.20	YOUTH REC		
I 201509175000	AQUATIC CENTER	AP		R	10/17/2015	333.70	333.70CR	
	G/L ACCOUNT					333.70		
	001 5-465-2-64020	ADVERTISING			333.70	AQUATIC CENTER		
			REG. CHECK			713.93	713.93CR	0.00
						713.93	0.00	

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-2450	TIPTON PHARMACY								
	I 0815TP	PHARMACEUTICALS	AP		R	10/17/2015	518.60	518.60CR	
		G/L ACCOUNT					518.60		
		001 5-160-2-65070 OPERATING SUPPLIES					518.60 PHARMACEUTICALS		
			REG. CHECK				518.60	518.60CR	0.00
							518.60	0.00	
01-2488	TRANS-IOWA EQUIPMENT INC								
	I I7151454	HARNESS WIRING #30	AP		R	9/17/2015	155.69	155.69CR	
		G/L ACCOUNT					155.69		
		810 5-899-2-63321 REPAIR PARTS					155.69 HARNESS WIRING #30		
			REG. CHECK				155.69	155.69CR	0.00
							155.69	0.00	
01-2483	TRITECH SOFTWARE SYSTEMS								
	I 0815TRITECH	AMB BILLING SERVICES	AP		R	9/17/2015	412.50	412.50CR	
		G/L ACCOUNT					412.50		
		001 5-160-2-64910 CONTRACT SERVICES					412.50 AMB BILLING SERVICES		
			REG. CHECK				412.50	412.50CR	0.00
							412.50	0.00	
01-2568	VERISIGHT INC								
	I N38842325	CONSULTING SERVICES PAY STU	AP		R	9/17/2015	3,150.00	3,150.00CR	
		G/L ACCOUNT					3,150.00		
		835 5-899-2-65980 MISCELLANEOUS					3,150.00 CONSULTING SERVICES PAY STUDY		
			REG. CHECK				3,150.00	3,150.00CR	0.00
							3,150.00	0.00	
01-2640	WENDLING QUARRIES INC								
	I 606664	9.52 TN ROAD STONE	AP		R	10/17/2015	95.68	95.68CR	
		G/L ACCOUNT					95.68		
		001 5-210-2-65070 OPERATING SUPPLIES					95.68 9.52 TN ROAD STONE		
			REG. CHECK				95.68	95.68CR	0.00
							95.68	0.00	

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

VENDOR SEQUENCE

VENDOR	ITEM NO#	DESCRIPTION	BANK	CHECK	STAT	DUE DT / DISC DT	GROSS / BALANCE	PAYMENT / DISCOUNT	OUTSTANDING
01-2650	WESCO RECEIVABLES CORP								
	I 158197	OVERHEAD SUPPLIES	AP		R	10/17/2015	130.01	130.01CR	
		G/L ACCOUNT					130.01		
		630 5-820-2-65302	OVERHEAD SUPPLIES			130.01	OVERHEAD SUPPLIES		
	I 159012	OVERHEAD SUPPLIES	AP		R	10/17/2015	2,407.50	2,407.50CR	
		G/L ACCOUNT					2,407.50		
		630 5-820-2-65302	OVERHEAD SUPPLIES			2,407.50	OVERHEAD SUPPLIES		
	I 169931	OVERHEAD SUPPLIES	AP		R	10/17/2015	1,248.18	1,248.18CR	
		G/L ACCOUNT					1,248.18		
		630 5-820-2-65302	OVERHEAD SUPPLIES			1,248.18	OVERHEAD SUPPLIES		
				REG. CHECK			3,785.69	3,785.69CR	0.00
							3,785.69	0.00	
01-1	WREEVES & ASSOCIATES								
	I 2338	PART #53	AP		R	9/17/2015	57.60	57.60CR	
		G/L ACCOUNT					57.60		
		810 5-899-2-63321	REPAIR PARTS			57.60	WREEVES & ASSOCIATES:PART #53		
				REG. CHECK			57.60	57.60CR	0.00
							57.60	0.00	

PACKET: 02097 Council Mtg 092115 AL

VENDOR SET: 01

REPORT TOTALS

FUND DISTRIBUTION

FUND NO#	FUND NAME	AMOUNT
001	GENERAL GOVERNMENT	15,580.91CR
600	WATER OPERATING	11,988.34CR
610	WASTEWATER/AKA SEWER REVE	12,126.21CR
630	ELECTRIC OPERATING	24,717.45CR
640	GAS OPERATING	85.39CR
670	GARBAGE COLLECTION	3,191.58CR
750	CEMETERY ENTERPRISE	48.61CR
810	CENTRAL GARAGE	2,026.33CR
835	ADMINISTRATIVE SERVICES	3,400.58CR
	** TOTALS **	73,165.40CR

---- TYPE OF CHECK TOTALS ----

	NUMBER	GROSS BALANCE	PAYMENT DISCOUNT	OUTSTANDING
HAND CHECKS		0.00	0.00	0.00
		0.00	0.00	
DRAFTS		0.00	0.00	0.00
		0.00	0.00	
REG-CHECKS		73,165.40	73,141.40CR	0.00
		73,165.40	24.00CR	
EFT		0.00	0.00	0.00
		0.00	0.00	
NON-CHECKS		0.00	0.00	0.00
		0.00	0.00	
ALL CHECKS		73,165.40	73,141.40CR	0.00
		73,165.40	24.00CR	

TOTAL CHECKS TO PRINT: 48

ERRORS: 0 WARNINGS: 0

City One Card Purchases | **Statement Date 08/25/2015** | **09/08/2015 11:41 AM**

City Credit Card Statement	Card Ttl	4,763.48
City - One Card (employee check out card)		
Travel Training - Crust Italian, Taco Johns, Burger King, Lot One, Shot Tower Inn, Diamond Jo, Taco Bell, Holiday Inn	443.94	
Fuel - Oky Doky	29.01	
Total Charges		**472.95**
Police - One Card		
Misc Supplies - Oriental Trading	176.75	
Operating Supplies - Batteries Plus	33.78	
Total Charges		**210.53**
Ambulance - One Card		
Misc Supplies - Harry's Custom Trophies, Mi Tierra	67.82	
Total Charges		**67.82**
Fire - One Card		
Misc Supplies - Quill Corporation	431.13	
Total Charges		**431.13**
Gas - One Card		
Gas Main Supplies - MC Miller Co	186.18	
Fuel - Caseys	27.33	
Total Charges		**213.51**
Electric - One Card		
Engine Parts - Motion Industries	53.07	
Safety Supplies - CQ Traffic Control	512.45	
Total Charges		**565.52**
Public Works - One Card		
Training - ACRT Inc	-303.00	
Office Supplies - Walmart	69.49	
Total Charges		**-233.51**
Library - One Card		
Postage/Shipping - USPS	182.36	
Office Supplies - Walmart, Demco, Companion Corp, Better Containers	730.81	
Materials - Walmart	279.86	
Program Supplies - Walmart, Demco, The Fabric Stasher	149.62	
Training - Iowa Library Association	206.00	
Total Charges		**1,548.65**
JKFAC/Recreation - One Card		
Concessions(auto fry) - Motion Technology	683.89	
Operating Supplies - Walmart	55.76	
Operating Supplies - Walmart	3.88	
Operating Supplies - Walmart	12.22	
Misc Supplies - Swim Outlet	70.40	
Total Charges		**826.15**
City Clerk - One Card		
Office Supplies - Walmart	21.60	
	21.60	
	21.59	
	21.59	
	21.59	
Microsoft - Office 365 (Comm Dev office)	162.76	

Training - Iowa League of Cities	390.00	
Total Charges		**660.73**
Statement Total		**4,763.48**

AGENDA ITEM # L – 2

AGENDA INFORMATION
TIPTON CITY COUNCIL COMMUNICATION

DATE:	September 21, 2015
AGENDA ITEM:	Open Records Policy
ACTION:	None

SYNOPSIS: Staff has asked the City Attorney to prepare an opens records request policy in an effort to standardize our handling of said requests. Although the City had previously set amounts for reimbursable's, they had not prepared a set policy.

BUDGET ITEM: N/A

RESPONSIBLE DEPARTMENT: City Manager

MAYOR/COUNCIL ACTION: Motion

ATTACHMENTS: Proposed Policy

PREPARED BY: Chris Nosbisch **DATE PREPARED:** 9/17/15

The City of Tipton (hereinafter the "City") strives to ensure that its activities are transparent to the public it represents. It is the City's policy to comply with all requests within the constraints required under Iowa and federal law. The City recognizes that the public has the right to examine and copy public records while the records are in the City's possession in accordance with Iowa and federal law. However, the City also recognizes that certain records held by the City may not be public records or may be confidential public records that are not subject to disclosure.

The City requests that all open records requests are provided to the City in writing. Citizens may make a records request by e-mailing the appropriate records custodian, mailing an open records request to the appropriate records custodian, or visiting the appropriate City officer during business hours. The City of Tipton's records custodians for all records requests other than police-related request are:

- City Manager Chris Nosbisch (cnosbisch@tiptoniowa.org)
- City Clerk/Finance Director Lorna Fletcher (lfletcher@tiptoniowa.org)
- Deputy City Clerk Amy Lenz (alenz@tiptoniowa.org).

The City of Tipton's records custodian for police-related requests is Police Chief Heath Holub (hholub@tiptonpd.org). All records requests should be made with enough specificity for the records custodian to identify the record being requested. If the request is unclear, the City may seek clarification from the requester.

Upon receipt of an open records request, the City will review the request to determine if the City has any of the records that have been requested. The City shall not be required to compile information or create reports related to requested public records. The City will follow the timeline requirements as set out in the Iowa Code for compliance with all open records requests to the best of its ability. If the City has to review the request with counsel or research whether the records are confidential public records, the City may seek a good-faith reasonable delay in complying with the open records request as allowed under Iowa law.

After determining whether or not the City has any of the records that have been requested, the City will provide the record requester with an estimate of the costs of the examination and copying of the records requested. Pursuant to Iowa law, the City shall charge all requesters the actual cost of the expenses of the examination and copying of the requested records. The charges for producing the records are as follows:

- $0.20/page for photocopies
- $5.00/CD or DVD file
- $10.00/USB Drive

In addition, for all requests involving employee time that exceeds thirty minutes, the City also shall charge the requester the actual cost of the employee's time. This charge applies to all records including requests to copy public records and requests to examine public records.

The City accepts cash, check, or credit card as appropriate forms of payment. Payment must be received before the City will provide the records to the requester. Unless otherwise permitted by law, the City may, at its discretion, furnish copies of records to a requester without any charge or a reduced charge if the waiver or reduction of fees is in the public's interest.

Once payment for any charges is received, the City will make the public records available for examination and/or copying. The examination and copying of public records shall be done under the supervision of the lawful custodian of the records or the custodian's authorized designee.

N. Discussion Items (No Action)

AGENDA ITEM # N - 1

AGENDA INFORMATION
TIPTON CITY COUNCIL COMMUNICATION

DATE:	September 21, 2015
AGENDA ITEM:	Sales Tax
ACTION:	Motion

SYNOPSIS: I just want to take a few brief moments to discuss the upcoming sales tax vote and the possible ramifications to the City should it not pass in November.

BUDGET ITEM: N/A

RESPONSIBLE DEPARTMENT: City Manager

MAYOR/COUNCIL ACTION: None

ATTACHMENTS: None

PREPARED BY: Chris Nosbisch **DATE PREPARED:** 9/17/15

AGENDA ITEM # N - 2

AGENDA INFORMATION
TIPTON CITY COUNCIL COMMUNICATION

DATE:	September 21, 2015
AGENDA ITEM:	Plum Street Sidewalks
ACTION:	Motion

SYNOPSIS: Staff has provided some information on the bike and pedestrian lanes for Plum Street, along with the general construction practices for sidewalks. There are some hurdles to the Plum Street area that need to be discussed before a more formal plan can be reviewed.

BUDGET ITEM: N/A

RESPONSIBLE DEPARTMENT: City Manager

MAYOR/COUNCIL ACTION: None

ATTACHMENTS: None

PREPARED BY: Chris Nosbisch **DATE PREPARED:** 9/17/15

SIDEWALKS, SHARED USE PATHS, AND DRIVEWAYS

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Removal of Sidewalks, Shared Use Paths, and Driveways

B. Installation of Sidewalks, Shared Use Paths, and Driveways

1.02 DESCRIPTION OF WORK

A. Remove existing sidewalks, shared use paths, and driveways.

B. Install shared use paths.

C. Install sidewalk.

D. Install driveway.

1.03 SUBMITTALS

Comply with Division 1 - General Provisions and Covenants, as well as the following:

A. PCC mix design.

B. HMA mix design.

C. Brick source, absorption, compressive strength; samples of brick showing texture and color.

D. Submit type and color of detectable warnings.

E. Results of required testing.

1.04 SUBSTITUTIONS

Comply with Division 1 - General Provisions and Covenants.

1.05 DELIVERY, STORAGE, AND HANDLING

Comply with Division 1 - General Provisions and Covenants, as well as the following:

A. **Portland Cement Concrete:** See Section 7010.

B. **Hot Mix Asphalt:** See Section 7020.

1.06 SCHEDULING AND CONFLICTS

Comply with Division 1 - General Provisions and Covenants.

1.07 SPECIAL REQUIREMENTS

Provide 10 calendar days advance notification of a pedestrian path closure to the following:

- Iowa Department of the Blind: Program Administrator of Field Operations and Access Technology, telephone: 515.281.1361, website: www.blind.state.ia.us.
- National Federation of the Blind of Iowa: President, telephone: 515.771.8348, website: www.nfbi.org.
- Engineer

1.08 MEASUREMENT AND PAYMENT

A. Removal of Sidewalk, Shared Use Path, or Driveway:

1. **Measurement:** Measurement will be in square yards for the area of sidewalks, shared use paths, or driveways removed.

2. **Payment:** Payment will be at the unit price per square yard for the area of sidewalk, shared use path, or driveway removal.

3. **Includes:** Unit price includes, but is not limited to, sawing, hauling, and disposal of materials removed.

B. Removal of Curb:

1. **Measurement:** Measurement will be in linear feet for removal of curb by grinding or sawing, measured along the back of curb.

2. **Payment:** Payment will be at the unit price per linear foot for the removal of curb.

3. **Includes:** Unit price includes, but is not limited to, hauling and disposal of materials removed.

C. Shared Use Paths:

1. **Measurement:** Each type and thickness of shared use paths will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area.

2. **Payment:** Payment will be at the unit price per square yard for each type and thickness of shared use path.

3. **Includes:** Unit price includes, but is not limited to, subgrade preparation, jointing, sampling, smoothness testing and correction, and testing.

D. Special Subgrade Preparation for Shared Use Paths:

1. **Measurement:** Measurement will be in square yards for special subgrade preparation. Measured area will include 2 feet outside of the pavement on either side of the path.

2. **Payment:** Payment will be at the unit price per square yard for the area of special subgrade preparation.

3. **Includes:** Unit price includes, but is not limited to, water required to bring subgrade moisture content to within the required limits.

1.08 MEASUREMENT AND PAYMENT (Continued)

E. PCC Sidewalk:

1. **Measurement:** Each thickness of PCC sidewalk will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area.

2. **Payment:** Payment will be at the unit price per square yard for each thickness of PCC sidewalk.

3. **Includes:** Unit price includes, but is not limited to, minor grade adjustments at driveways and other intersections, subgrade preparation, formwork, additional thickness at thickened edges, jointing, sampling, smoothness testing and correction, and testing.

F. Brick Sidewalk:

1. **Brick Sidewalk with Sand Base:**
   a. **Measurement:** Measurement will be in square yards for the area of brick sidewalk placed on a sand base.
   b. **Payment:** Payment will be at the unit price per square yard for the area of sidewalk.
   c. **Includes:** Unit price includes, but is not limited to, subgrade preparation, brick edge restraints, furnishing and placing compacted sand base, and sand/cement joint filler.

2. **Brick Sidewalk with Concrete Base:**
   a. **Measurement:** Measurement will be in square yards for the area of brick sidewalk placed on a concrete base. The area of concrete base will not be measured separately.
   b. **Payment:** Payment will be at the unit price per square yard for the area of sidewalk.
   c. **Includes:** Unit price includes, but is not limited to, subgrade preparation, concrete base, HMA setting bed, neoprene asphalt adhesive for asphalt setting bed, and sand/cement joint filler.

G. Detectable Warnings:

1. **Measurement:** Measurement will be in square feet for the area of detectable warnings installed. Paved area beneath detectable warnings will be measured with sidewalk or shared use path item.

2. **Payment:** Payment will be at the unit price per square foot for the area of detectable warnings installed.

3. **Includes:** Unit price includes, but is not limited to, steel bar supports and manufactured detectable warning panels.

1.08 MEASUREMENT AND PAYMENT (Continued)

H. Driveways:

1. **Paved Driveways:**
   a. **Measurement:** Each type and thickness will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area.
   b. **Payment:** Payment will be at the unit price for each type and thickness of driveway.
   c. **Includes:** Unit price includes, but is not limited to, excavation, subgrade preparation, jointing, sampling, and testing.

2. **Granular Surfacing for Driveways:**
   a. **Measurement:** Measurement will be in square yards or tons, as specified in the contract documents, for the quantity of granular surfacing placed.
   b. **Payment:** Payment will be at the unit price per square yard or ton, as specified.
   c. **Includes:** Unit price includes, but is not limited to, excavation and preparation of subgrade.

I. Sidewalk, Shared Use Path, and Driveway Assurance Testing:

1. The Contractor will not be responsible for concrete compression or HMA density testing unless otherwise specified in the contract documents.

2. If the contract documents specify that the Contractor is responsible for concrete compression and HMA density testing, performed by an independent testing laboratory hired by the Contractor, measurement and payment will be as follows:
   a. Measurement: Lump sum item; no measurement will be made.
   b. Payment: Payment will be at the contract lump sum price.

3. The Contractor will be responsible for payments associated with all retesting resulting from failure of initial tests.

PART 2 - PRODUCTS

2.01 PORTLAND CEMENT CONCRETE

A. Class B or C concrete with materials complying with Section 7010. Use coarse aggregate of Class 2 durability or better.

B. Comply with the following for PCC mixes for sidewalks, shared use paths, and driveways unless otherwise approved by the Engineer.

Table 7030.01: PCC Mixes

	Machine Finish	Hand Finish
Type of Concrete	Class B or C	Class B or C
Slump Minimum	1/2 in.	1/2 in.
Slump Maximum	2 1/2 in.	4 in.
Percent Air Content		
• Target	7%	7%
• Minimum	6%	6%
• Maximum	8 1/2%	8 1/2%

2.02 HOT MIX ASPHALT

Comply with Section 7020 for mix design.

A. Use 100,000 ESAL, 1/2 inch or 3/8 inch mix.

B. For shared use paths adjacent to pavement that also functions as the pavement shoulder, use 300,000 ESAL, 1/2 inch mix.

C. Use asphalt binder complying with Section 7020 with a performance grade of PG 58-28 or 64-22.

2.03 BRICK PAVERS

A. **Clay:** Use 8 inch by 4 inch by 2 1/4 inch thick clay paving bricks manufactured to comply with ASTM C 902, Class SX, Type I. Color selection and surface texture as approved by the Engineer.

B. **Concrete:** Supply as specified in the contract documents.

2.04 HMA SETTING BED FOR BRICK

A. **Mixture:** Proportion mix using 7% asphalt binder and 93% fine aggregate. Apportion each ton in the approximate ratio of 145 pounds asphalt binder to 1,855 pounds sand. Maintain mix temperature at approximately 250°F during placement.

B. **Asphalt Binder:** Use asphalt binder complying with Section 7020 with a performance grade of PG 58-28 or 64-22.

C. **Fine Aggregate:** Use clean, hard sand with durable particles free from adherent coating, lumps of clay, alkali salts, and organic matter. Use sand that is uniformly graded from coarse to fine with all passing the No. 4 sieve and meeting AASHTO T 27.

2.05 NEOPRENE MODIFIED ASPHALT ADHESIVE FOR BRICK

A. Mastic (Asphalt Adhesive):

Solids (Base):	74% to 76%
Pounds per Gallon:	8 to 8 1/2 pounds
Solvent:	Mineral spirits with a flash point above 100° F

B. Base (2% Neoprene, 10% Asbestos-free Fiber, 88% Asphalt):

Melting Point:	200° F minimum according to ASTM D 36
Penetration:	23 to 27 according to ASTM D 5
Ductility:	1250 mm minimum according to ASTM D 113 @ 25° C, and a rate of 50 mm/minute

2.06 BRICK JOINT FILLER

Dry sand-cement mixture consisting of one part masonry cement complying with ASTM C 91 and three parts sand complying with ASTM C 144 and passing the No. 16 sieve. Provide colored cement to match bricks.

2.07 DETECTABLE WARNINGS

Use manufactured detectable warning panels or brick pavers with a non-slip surface and raised truncated domes. Comply with the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (also known as PROWAG) and Iowa DOT Materials I.M. 411 for contrast and dimension requirements.

2.08 GRANULAR DRIVEWAY SURFACING

Class A crushed stone or Class C gravel complying with Iowa DOT Section 2315.

2.09 ISOLATION AND EXPANSION JOINT SEALANT

Use a polyurethane, self-leveling sealant complying with ASTM C 920. Application temperature range of 40 to 120°F. Minimum elongation 700%.

PART 3 - EXECUTION

3.01 REMOVALS

A. Remove sidewalks, shared use paths, driveways, bricks, and curbs to the removal limits specified in the contract documents.

B. Saw pavement full depth in straight lines to the specified removal limits.

C. Remove to the specified removal limits without damage to adjacent property, trees, utilities, or pavement that are to remain in place.

D. Salvage and stockpile all bricks removed.

E. Grind or saw existing curbs at locations specified in the contract documents to install sidewalks, shared use paths, and driveways.

F. Dispose of rubble and debris resulting from removal operations.

3.02 SUBGRADE PREPARATION

A. Shared Use Paths:

1. **Subgrade Preparation:** Comply with Iowa DOT Section 2109.

2. **Special Subgrade Preparation:**
   a. Construct subgrade to final elevation.
   b. Scarify and mix the top 6 inches of subgrade material to a width equal to that of the proposed pavement, plus 2 feet on each side.
   c. Compact loose subgrade material with Type A compaction complying with Section 2010.
   d. Proof roll compacted subgrade according to Section 2010.

B. Sidewalks and Driveways:

1. Remove all vegetation and roots from ground surface.

2. Construct grade to final subgrade elevation.
   a. Cut area: Remove all material that will be displaced by the sidewalk.
   b. Fill area: Scarify the surface to be covered with embankment to a depth of at least 6 inches and compact. Construct embankment in lifts of 6 inches or less and compact each lift. Tamp surface with a mechanical tamper until firm and unyielding.

3. Remove all soft, spongy, or yielding spots and fill the void with suitable backfill material.

3.03 ADJUSTMENT OF FIXTURES

A. Adjust fixtures to conform to the finished pavement surface. Cooperate and coordinate with the utility agency to ensure proper fixture adjustment.

B. Comply with Sections 5020, 6010, or 8010 as appropriate.

3.04 PCC SIDEWALKS, SHARED USE PATHS, AND DRIVEWAYS

A. **Form Setting:** Comply with Section 7010 with the following additional requirements and exceptions.

1. Slip form paving equipment may be allowed in lieu of setting forms, if approved by the Engineer.

2. Wood forms are allowed.

3. Use of an automated subgrade trimmer is not required.

4. Set forms true to line and grade and hold them rigidly in place by stakes placed outside the forms and flush with or below the top edge of the forms.

B. **Concrete Pavement Placement:**

1. **Shared Use Paths:** Comply with Section 7010.

2. **Sidewalk:**
   a. Maintain moist subgrade in front of paving operation
   b. Deposit concrete on the subgrade as required to minimize rehandling to prevent segregation.
   c. Hand spread with shovels, not rakes.
   d. Place concrete as required to slightly overfill the space between the forms.
   e. Consolidate with vibrators and smooth by use of a straightedge.
   f. Do not contaminate freshly mixed concrete with earth or other foreign materials.

3. **Driveways:** Comply with Figures 7030.101 and 7030.102 and Section 7010. The use of a paving machine is not required.

C. **Finishing:**

1. **Shared Use Paths and Driveways:**
   a. Comply with Section 7010.
   b. Provide a burlap drag or broom finish.

2. **Sidewalks:**
   a. Use a wood float to depress the large aggregate and create a dense surface.
   b. Allow concrete to set until all shine has disappeared from the surface.
   c. Smooth with a metal trowel until surface is free from defects and blemishes.
   d. Construct joints by sawing or by using a jointer or groover tool.
   e. Finish edges of sidewalk or driveway with an edging tool having a radius of approximately 1/2 inch. Ensure tool marks do not appear on the finished surface.
   f. Brush with a soft broom at right angles to the side forms to provide a non-skid surface.

D. **Curing:** When curing is specified in the contract documents, comply with Section 7010.

E. **Form Removal:** Comply with Section 7010.

3.04 PCC SIDEWALKS, SHARED USE PATHS, AND DRIVEWAYS (Continued)

F. Jointing:

1. **Construction Joints:**
   a. Locate construction joints to provide uniform joint spacing.
   b. Place a construction joint at the close of each day's work or when depositing of concrete is stopped for 45 minutes or more.
   c. Form construction joint by using a header board. Set perpendicular to the surface and at right angles to the centerline.

2. **Transverse Contraction Joints:**
   a. **Shared Use Paths:**
      1) Space transverse joints equal to the width of the shared use path, or as specified in the contract documents.
      2) Saw contraction joints according to Section 7010.
   b. **Sidewalks and Driveways:**
      1) Space sidewalk contraction joints equal to the width of the sidewalk.
      2) Space driveway contraction joints so panel length does not exceed 12 feet.
      3) Form transverse contraction joints to a depth of 1 1/4 inches with a pointed trowel or jointing tool. In lieu of forming, joints may be sawed within 12 hours of placement with a 1/8 inch blade saw to a depth of 1/3 the pavement thickness. Use a straightedge if joints are sawed with a hand-held saw.

3. **Longitudinal Contraction Joints:**
   a. **Shared Use Paths and Sidewalks:** Saw joint to 1/8 inch wide and to a depth of 1/3 the pavement thickness.
   b. **Driveways:**
      1) Space longitudinal contraction joints so panel width does not exceed 12 feet.
      2) Form longitudinal contraction joints to a depth of 1 1/4 inches with a pointed trowel or jointing tool. In lieu of forming, joints may be sawed with a 1/8 inch blade saw to a depth of 1/3 the pavement thickness. Use a straightedge if joints are sawed with a hand-held saw.

4. **Isolation Joints:**
   a. Install isolation joints where sidewalks, shared use paths, or driveways abut roadway pavement, parking lots, buildings, and structures.
   b. For a sidewalk constructed with a driveway, install an isolation joint on the property side of the sidewalk and a 'C' or 'E' joint on the street side of the sidewalk.
   c. Install a 1/2 inch or 3/4 inch thick strip of preformed resilient joint material, according to Section 7010, to the full depth of concrete. Trim any isolation joint material protruding above the finished work to the level of the abutting concrete.
   d. If the isolation joint is to be sealed, place the preformed material 1/2 inch below the level of the abutting concrete.

5. **Joint Sealing:**
   a. Do not seal construction or contraction joints in sidewalks, shared use paths, or driveways.
   b. If sealing of expansion or isolation joints is specified in the contract documents, trim preformed joint material to a depth of 1/2 inch below the concrete surface. Ensure the joint is clean and dry. Install joint sealant per manufacturer's recommendations.

3.05 HMA SHARED USE PATHS AND DRIVEWAYS

Comply with Section 7020.

3.06 BRICK SIDEWALKS

A. Brick Sidewalk with a Sand Base:

1. Comply with Figure 7030.203.

2. Use a cross-section and patterns as specified in the contract documents or approved by the Engineer.

3. Do not use broken bricks or materials with stained faces in the paving areas.

4. Set edge restraints true to line and grade along both edges of brick sidewalk.

5. Place bricks on smooth, compacted bedding sand and tightly set in place without gaps.

6. Compact bricks using a 3 to 5 ton roller or machine with a vibratory plate weighing a minimum of 100 pounds.

7. Tightly compact joints with brick sand/cement.

B. Brick Sidewalks with a Concrete Base:

1. **General:**
   a. Comply with Figure 7030.203.
   b. Use a cross-section and patterns as specified in the contract documents or approved by the Engineer.
   c. Do not use broken bricks or materials with stained faces in the paving areas.
   d. Construct the concrete base to comply with PCC sidewalk construction specifications.

2. **HMA Setting Bed:**
   a. Place 3/4 inch depth control bars on the base to serve as guides for the striking board. Shim depth control bars as necessary to adjust bedding thickness and to ensure the top surface of pavers will be at the required finished grade.
   b. Place HMA bedding material between the parallel depth control bars. Pull striking board over bars several times. After each pass, spread fresh bedding material over low or porous spots to produce a smooth and even setting bed. After placing and smoothing each section, advance depth control bars to next section. After removal of depth control bars and shims, carefully fill any depressions that remain.
   c. While still hot, roll the HMA bedding with a power roller to a nominal depth of 3/4 inch.
   d. Ensure the joints in the concrete base do not project through the HMA setting bed.
   e. Apply neoprene modified asphalt adhesive over the top surface of the cooled asphalt setting bed with notched trowel with serration not exceeding 1/16 inch. Allow adhesive to dry to the touch before placing pavers.

3. **Brick Pavers:**
   a. Place the pavers by hand in straight courses with hand tight joints and uniform top surface.
   b. Sweep dry joint filler into joints until the joints are completely filled.
   c. Fog surface lightly with water to cure cement.
   d. Clean any cement stains from brick surface. Remove stains from other concrete surfaces.

3.06 BRICK SIDEWALKS (Continued)

4. **Protection:** Protect newly laid pavers at all times using panels of plywood. Panels can be advanced as work progresses; however, keep the plywood protection in areas that will be subjected to movement of materials, workers, and equipment. Take precautions in order to avoid depressions and protect paver alignment until cured and ready for pedestrian or vehicle traffic.

3.07 DETECTABLE WARNING INSTALLATION

A. **Manufactured Panels:**

1. Comply with Figure 7030.210.
2. Install according to manufacturer's recommendations.
3. Set panels in fresh concrete.

B. **Brick Pavers:**

1. Comply with Figure 7030.203.
2. Install according to Section 7030, 3.06.

3.08 TOLERANCES FOR SHARED USE PATHS AND DRIVEWAYS

A. Check finished surface with a 10 foot straightedge placed parallel to the centerline.

B. Ensure the cross-section and profile of the pavement is constructed to within a tolerance of 1/4 inch in 10 feet (0.2%) of the design grades. This does not allow maximum slopes to be exceeded.

C. Mark areas showing bumps of more than 1/4 inch in 10 feet and grind down with an approved grinding tool to an elevation where the area will not show deviations in excess of 1/8 inch.

3.09 GRANULAR DRIVEWAY SURFACING

Comply with Iowa DOT Section 2315.

3.10 CLEANING

A. Remove all litter and construction materials or tools immediately after the end of the curing period.

B. Remove excess dirt from the site.

C. Broom clean completed sidewalks, shared use paths, and driveways.

3.11 TESTING

A. **General:** When testing is specified in the contract documents as the Contractor's responsibility, provide testing using the services of an independent testing laboratory approved by the Engineer.

B. **Concrete Compression Tests:** When the concrete volume placed on a single day exceeds 20 cubic yards, comply with the following test requirements. When deficiencies are encountered, comply with Section 7010, 3.08, E.

1. Prepare at least two test cylinders per day.

2. If the concrete volume placed on a single day exceeds 200 cubic yards, prepare two test cylinders for each 200 cubic yards placed.

3. Provide 7 and 28 calendar day tests according to ASTM C 39. Minimum compressive strength is 2,000 psi at 7 days and 4,000 psi at 28 days.

C. **HMA Density and Thickness Tests:** When the area of HMA placed on a single day exceeds 100 square yards, comply with the following test requirement. When deficiencies are encountered, comply with Section 7020, 3.04, A.

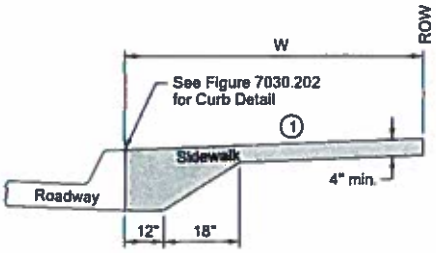
1. Prepare at least two cores per day.

2. If the area of HMA placed on a single day exceeds 2,000 square yards, prepare two cores for each 2,000 square yards placed.

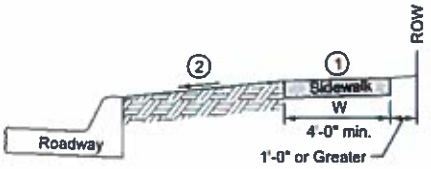
3.12 SIDEWALK AND CURB RAMP COMPLIANCE

Compliance with cross slopes and grades, as well as all other elements, for sidewalks and curb ramps is crucial. If the construction cannot be completed as specified in the contract documents, it may be necessary to adjust slopes within the accepted legal limitations. Contact the Engineer prior to placement of the concrete if changes from the values specified in the contract documents are being made.

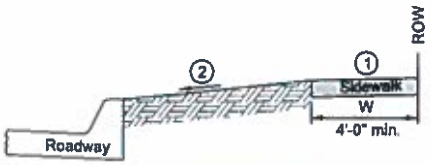
END OF SECTION



CLASS A SIDEWALK
(Sidewalk extends from back of curb to ROW)



CLASS B SIDEWALK



CLASS C SIDEWALK

1. Maximum cross slope of sidewalk (including sidewalk through driveway) is 2%.
2. Parking Slopes:
   If parking width is less than 10 feet wide, slope at ¼ inch per foot.

   If parking width is 10 feet wide and greater, slope at ½ inch per foot.

   Special grade may be specified in the contract documents.

W = Sidewalk width as specified in the contract documents.

SUDAS

1	10-21-14
7030.201	
SHEET 1 of 1	

SUDAS Standard Specifications

CLASSES OF SIDEWALKS

FIGURE 7030.201 SHEET 1 OF 1

LESSON 19

Bicycle Lanes

19.1 Purpose

The AASHTO *Guide for the Development of Bicycle Facilities* defines a bike lane as "a portion of a roadway which has been designated by striping, signing, and pavement markings for the preferential or exclusive use of bicyclists." As levels of bicycling have increased in the United States, there has been a growing amount of support for bike lanes on urban and suburban roadways. Bike lanes are a preferred facility type in European countries, and in North America, nearly every major city has made an effort in recent years to install bicycle lanes, either as "pilot projects" (to test their success) or, in many cases, on larger networks of interconnecting roadways. Several small towns have led the way in establishing networks of bicycle lanes, particularly college towns where there are high levels of student bicycle commuters (e.g., University of California at Davis and University of Texas at Austin).

As a relatively new feature in the roadway cross-section, bike lane design has been the topic of much study in recent years. Bike lane design can be quite challenging in situations where the existing urban traffic patterns are complex and cross-sections are already constrained by heavy traffic volumes. Designers throughout the country develop new and better solutions each year. This section includes excerpts from several sources, including Oregon's *1995 Bicycle and Pedestrian Plan* and Philadelphia's *Bicycle Network Plan*.

Note: The Europeans have pioneered innovative bike lane design solutions. Lesson 22 includes a description of European approaches that have been successful.

As with the other bicycle facility design issues covered in this manual, bike lane design is covered in

some detail by the AASHTO *Guide for the Development of Bicycle Facilities*. This text should be referenced for additional information.

19.2 Bicycle Lane Widths and Construction Standards

Bicycle lanes serve the needs of all types of cyclists in urban and suburban areas, providing them with their own travel lane on the street surface. The minimum width of a bike lane should be 1.5 meters (5 feet) against a curb or adjacent to a parking lane. On streets where the bike lane is adjacent to the curb and the curb includes a 1-foot to 2-foot gutter pan, bike lanes should be a minimum of 4 feet wide (width does not include the gutter pan, since bicyclists are typically unable to use this space).

Wider bike lanes are recommended on streets with higher motor vehicle speeds and traffic volumes, or where pedestrian traffic in the bike lane is anticipated. Width measurements are taken from the curb face to the bicycle lane stripe.

Since bicyclists usually tend to ride a distance of 0.8 meters to 1.1 meters (2.5 feet to 3.5 feet) from the curb face, it is very important that the pavement surface in this zone be smooth and free of structures. Drain inlets and manholes that extend into this area cause bicyclists to swerve, having the effect of reducing the usable width of the lane. Where these structures exist and the surface cannot be made smooth, bike lane width should be adjusted accordingly. Regular maintenance is critical for bike lanes (see text in this section).

Bike lanes should be constructed to normal full-depth pavement standards since motor vehicles will occasionally cross them, or may use them as a breakdown area.

19.3 Unmarked Lanes

Where the minimum widths listed above cannot be met, it may be possible to provide an unmarked lane. Studies have shown that the bicyclist's perceived level of comfort is higher when a striped area is provided; therefore, this method can raise the bicycle level of service for the street. An unmarked lane is a striped area of 0.6 m (2 ft) wide or more that contains no markings or signing that would denote it as a bike lane. "Share the Road" signs may be used to caution motorists to be alert for bicyclists.

It is important to recognize that this is a temporary solution. Particularly on busy streets, narrow unmarked lanes will not adequately serve the needs of the majority of bicyclists.

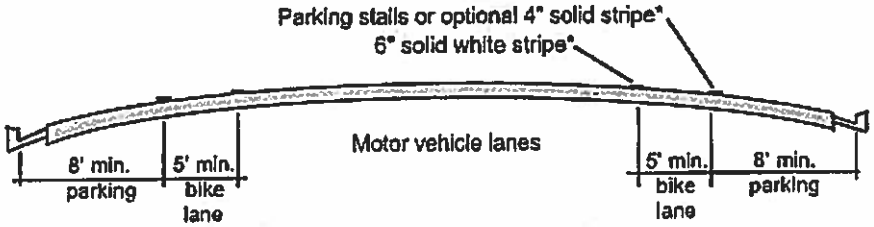
19.4 Location Within the Street Cross-Section

Bicycle lanes are always located on both sides of the road on two-way streets. Since bicyclists must periodically merge with motor vehicle traffic, bike lanes should not be separated from other motor vehicle lanes by curbs, parking lanes, or other obstructions. Two-way bike lanes on one side of two-way streets create hazardous conditions for bicyclists and are not recommended.

On one-way streets, bicycle lanes should be installed on the right-hand side, unless conflicts can be greatly reduced by installing the lane on the left-hand side. Left-side bicycle lanes on one-way streets may also be considered where there are frequent bus or trolley stops, unusually high numbers of right-turning motor vehicles, or if there is a significant number of left-turning bicyclists.

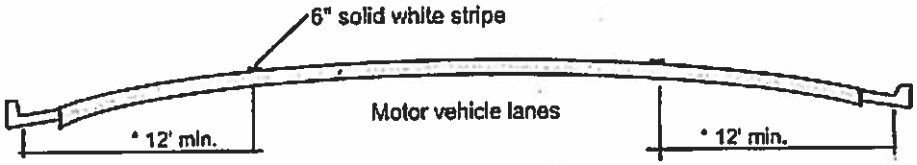
As a temporary solution, striping narrow lanes through intersections may be an option where space is limited.

(1) Striped parking



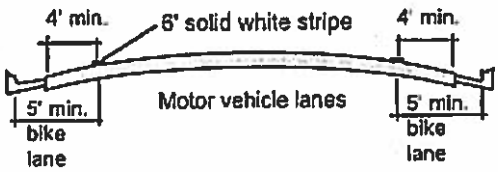
* The optional solid stripe may be advisable where stalls are unnecessary (because parking is light) but there is concern that motorists may misconstrue the bike lane to b e a traffic lane.

(2) Parking permitted without parking stripe or stall

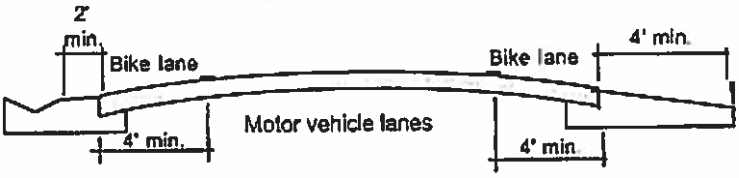


* 13' is recommended where there is substantial parking or turnover of parked cars is high (e.g., commercial areas).

(3) Parking prohibited



(4) Cross section on roads with no curb and gutter (source: NCDOT)

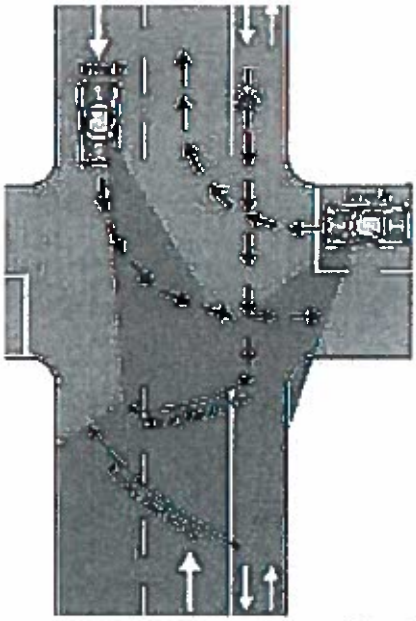


Bicycle lanes provided under different types of conditions. Source: AASHTO Guide for the Development of Bicycle Facilities, 1991.

19.5 Practices To Be Avoided

Two-Way Bike Lane
This creates a dangerous condition for bicyclists. It encourages illegal riding against traffic, causing several problems:

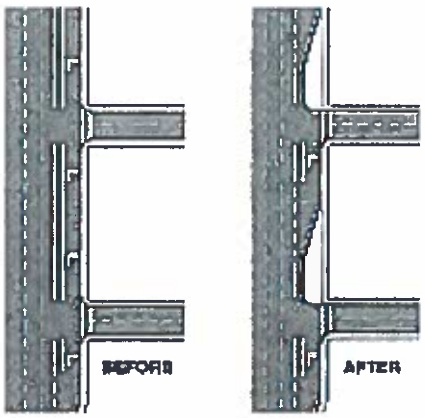
- At intersections and driveways, wrong-way riders approach from a direction where they are not visible to motorists.
- Bicyclists closest to the motor vehicle lane have opposing motor vehicle traffic on one side and opposing bicycle traffic on the other.
- Bicyclists are put into awkward positions when transitioning back to standard bikeways.



In both cases above, a wrong-way bicyclist is not in the driver's main field of vision.

If constraints allow widening on only one side of the road, the centerline stripe may be shifted to allow for adequate travel lanes and bike lanes:

Continuous Right-Turn Lanes
This configuration is difficult for cyclists: Riding on the right puts them in conflict with right-turning cars, but riding on the left puts them in conflict with cars merging into and out of the right-turn lane. The best solution is to eliminate the continuous right-turn lane, consolidate accesses, and create well-defined intersections.



Continuous right-turn lane reconfigured to standard approaches.

19.6 Contra-Flow Bike Lanes

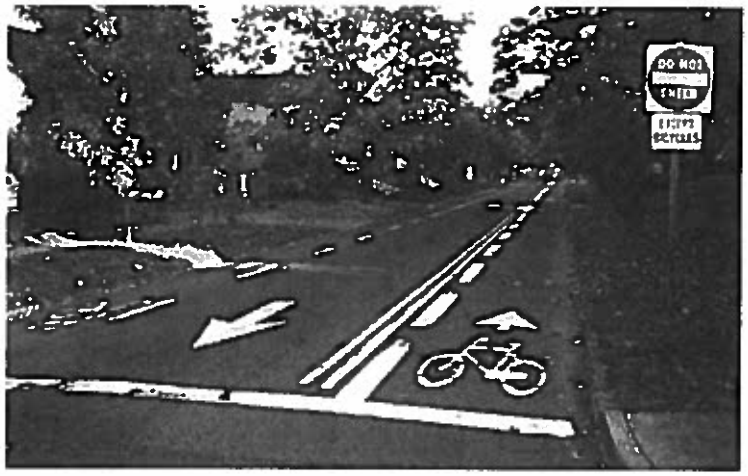
Contra-flow bike lanes on a one-way street are not usually recommended. They may encourage cyclists to ride against traffic, which is contrary to the rules of the road and a leading cause of bicycle/motor vehicle crashes.

There are, however, special circumstances when this design may be advantageous:

- A contra-flow bike lane provides a substantial savings in out-of-direction travel.
- The contra-flow bike lane provides direct access to high-use destinations.
- Improved safety be cause of reduced conflicts on the longer route.
- There are few intersecting driveways, alleys, or streets on the side of the contra-flow lane.
- Bicyclists can safely and conveniently re-enter the traffic stream at either end of the section.
- A substantial number of cyclists are already using the street.
- There is sufficient street width to accommodate a bike lane.

A contra-flow bike lane may also be appropriate on a one-way residential street recently converted from a two-way street (especially where this change was made to calm traffic).

For a contra-flow bike lane to function well, these special features should be incorporated into the design:



Contra-flow bike lanes can provide direct access to high-use destinations.

- The contra-flow bike lane must be placed on the right side of the street (to motorists' left) and must be separated from oncoming traffic by a double yellow line. This indicates that the bicyclists are riding on the street legally, in a dedicated travel lane.

- Any intersecting alleys, major driveways, and streets must have signs indicating to motorists that they should expect two-way bicycle traffic.

- Existing traffic signals should be fitted with special signals for bicyclists; this can be achieved with either loop detectors or push buttons (these should be easily reached by bicyclists without having to dismount).

Note: Under no circumstances should a contra-flow bike lane be installed on a two-way street, even where the travel lanes are separated by a raised median.

19.7 Bike Lane Pavement Markings

The *Manual on Uniform Traffic Control Devices* (MUTCD) section 9C addresses standard bike lane markings. The stripe between the bicycle lane and the adjacent motor vehicle lane should be a 100-millimeter (4 inch) wide white line (minimum width). Six- to eight-inch-wide lines provide an even clearer division of space, and are highly recommended.

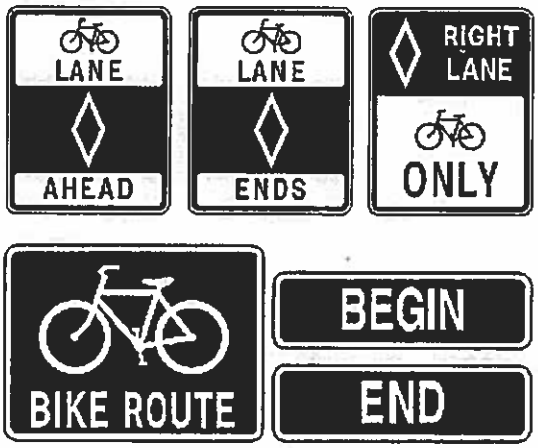
Where parking is allowed next to a bike lane, the parking area should be defined by parking space markings or a solid 100 millimeter (4 inch) wide stripe.

Care should be taken to use pavement striping that is durable, yet skid-resistant. Reflectors and raised markings in bike lanes can deflect a bicycle wheel, causing a bicyclist to lose control. If reflective pavement markers are needed for motorists, they should be installed on the motorist's side of the stripe, and have a beveled front edge.

While the 1988 edition of the MUTCD recommends the use of the diamond-shaped preferential lane symbol in conjunction with bike lane signs, this symbol is often confusing for both the bicyclist and motorist. For this reason, subsequent editions of the MUTCD will probably eliminate the use of the diamond in bike lanes. The new standard pavement markings for bicycle lanes are the bicycle symbol (or the words BIKE LANE) and a directional arrow.

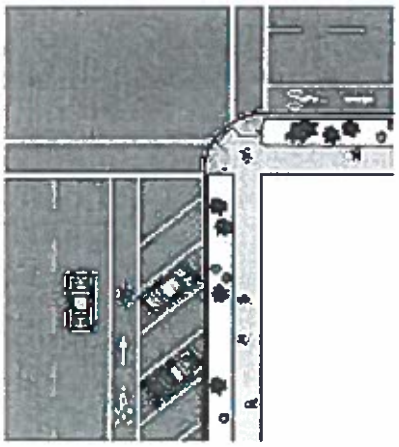
19.8 Bike Lane Signing

The *Manual on Uniform Traffic Control Devices* (MUTCD) section 9B addresses standard bike lane signing. According to section 9B-8, the R3-16 sign should be used in advance of the beginning of a



Bike lane signs should be replaced with bike lane stencils, with optional NO PARKING signs where needed.

designated bicycle lane to call attention to the lane and to the possible presence of bicyclists. In locations where bicycle lanes are ending, the same R3-16 sign should be used, with the word ENDS substituting for the word AHEAD. The R7-9 or R7-9a signs should be used along streets where motorists are likely to park or frequently pull into the bike lane.



Bike lane next to diagonal parking, 8-inch stripe should separate the areas.

19.9 Diagonal Parking

Diagonal parking causes conflicts with bicycle travel: Drivers backing out have poor visibility of oncoming cyclists and parked vehicles obscure other vehicles backing out. These factors require cyclists to ride close to the center of a travel lane, which is intimidating to inexperienced riders.

Where possible on one-way streets, diagonal parking should be limited to the left side, even if the street has no bike lane; on one-way streets with bike lanes, the bike lane should be placed adjacent to parallel parking (preferably on the right).

Bike lanes are not usually placed next to diagonal parking. However, should diagonal parking be required on a street planned for bike lanes, the following recommendations can help decrease potential conflicts:

- The parking bays must be long enough to accommodate most vehicles.
- A 200-millimeter- (8-inch-) wide stripe should separate the parking area from the bike lane.
- Enforcement may be needed to cite or remove vehicles encroaching on the bike lane.

19.10 Bike Lane Design at Intersections

Intersections With Bus Stops

If there is a bus stop at the near side of the intersection, a broken line should extend the length of the bus stop (no less than 15 meters [50 feet]), and the solid white line should resume on the far side of the intersection, immediately after the crosswalk. If a bus stop is located on the far side of the intersection, the solid white line on the far side of the intersection should be replaced with a broken line for a distance of at least 24 meters (80 feet) from the crosswalk (at this intersection, a broken line would still be required on the near side if there is right-turning traffic).

Intersections With Right-Turn Lanes

In general, right-turn lanes should be used only where warranted by a traffic study, as they present problems for both bicyclists and pedestrians:

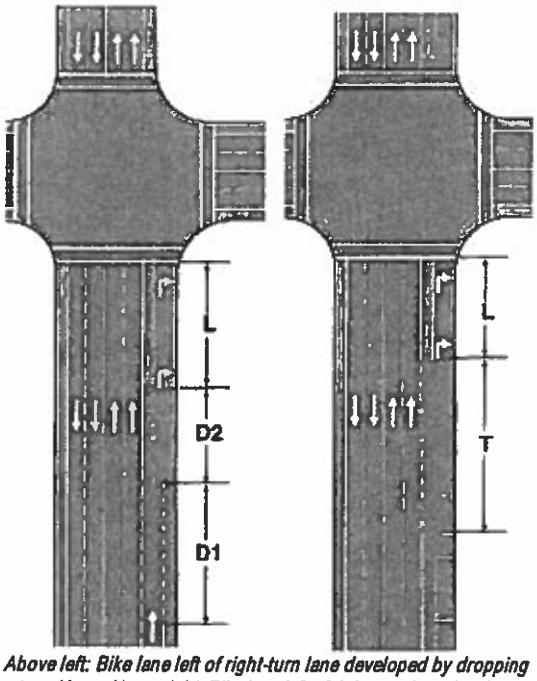
- If right-turning cars and through bicyclists must cross paths.
- If the additional lane width adds to the pedestrian crossing distance.
- If right-turn moves are made easier for motorists, which may cause inattentive drivers to not notice pedestrians on the right.

The through bike lane to the left of a right-turn lane should be striped with two 100-millimeters- (4-in-) wide stripes and connected to the preceding bike lane with 0.9-meter (3-foot) dashes and 2.7-meter (9-foot) spaces. This allows turning motorists to cross the bike lane. A legend must be placed at the beginning of the through bike lane. Sign R4-4, BEGIN RIGHT TURN LANE, YIELD TO BIKES, may be placed at the beginning of the taper in areas where a through bike lane may not be expected.

Not all intersections can be widened to provide a right-turn lane. A bike lane to the left of right-turning cars should still be provided. One common configuration occurs where a right-turn lane is developed by dropping parking (see figure at right).

Another configuration occurs where a lane is dropped and turns into a right-turn lane.

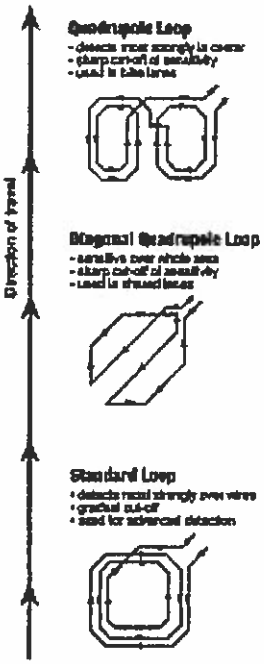
Note: This is a difficult movement for bicyclists as they must merge left and find a gap in the traffic stream:



Above left: Bike lane left of right-turn lane developed by dropping a travel lane. Above right; Bike lane left of right-turn lane developed by dropping parking.

Exception #1: Heavy Right Turns
If the major traffic movement at an intersection is to the right, and the straight through move leads to a minor side street, then the bike lane may be placed on the right and wrapped around the curve, assuming that the majority of cyclists will desire to turn right too. This often occurs where a highway is routed over local streets and the route is indirect.

Exception #2: Tee Intersections
At a Tee intersection, where the traffic split is approximately 50 percent turning right and 50 percent turning left, the bike lane should be dropped prior to the lane split to allow cyclists to position themselves in the correct lane. Where traffic volumes are very high, a left- and right-turning bike lane should be considered.



Different loop configurations: The quadrupole loop is recommended for bike lanes.

Offset Intersections
Care should be taken to ensure that motorists are not inadvertently encouraged to ride in the bike lane because of offset travel lanes. At intersections with offset lanes, dashed offset lane markings should continue through the intersection to direct traffic flow (MUTCD Section 3B-7).

Traffic Signal Actuation
It is highly recommended that new on-road bicycle facilities include traffic signals that detect bicycles for all actuated signal systems. *The Traffic Detector Handbook* (FHWA-IP-90-002) recommends several bicycle-sensitive loop configurations (loops are wires installed beneath the pavement surface that detect the presence of vehicles) that effectively detect bicycles. The quadrupole loop is the preferred solution for bike lanes, and the diagonal quadrupole loop is preferred for use in shared lanes.

One solution for existing intersection signals that do not respond to bicycles is to install a special pavement marking over the exact spot that a bicycle must stand in order to "trip" the signal.

Expressway Interchanges
Expressway interchanges often present barriers to bicycle circulation. Designs that encourage free-flowing motor vehicle traffic movements are the most difficult for pedestrians and bicyclists to negotiate.

At-Grade Crossings
Interchanges with access ramps connected to local streets at a right angle are easiest for bicyclists to negotiate. The intersection of the ramp and the street should follow established urban intersection designs. The main advantages are:

- The distance that pedestrians and bicyclists must cross at the ramps is minimized.
- Signalized intersections stop traffic.
- Visibility is enhanced.

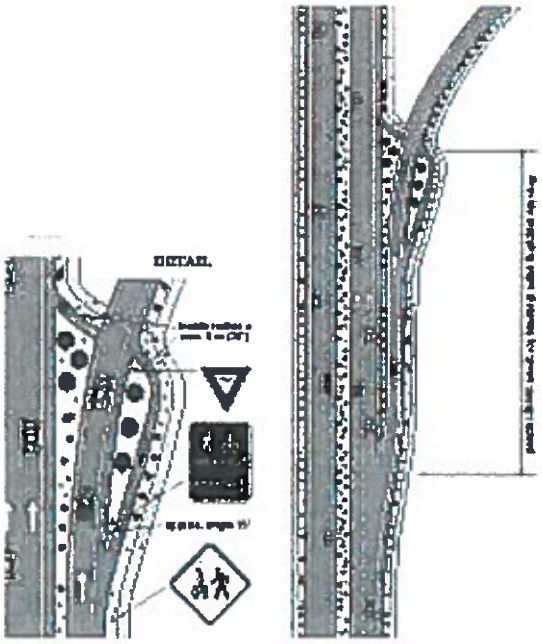
If these configurations are unavoidable, mitigation measures should be sought. Special designs should be considered that allow pedestrians and bicyclists to cross ramps in locations with good visibility and where speeds are low.

Grade-Separated Crossings
Where it is not possible to accommodate pedestrians and bicyclists with at-grade crossings, grade separation should be considered. Grade-separated facilities are expensive; they add out-of-direction travel and will not be used if the added distance is too great. This can create problems if pedestrians and bicyclists ignore the facility and try to negotiate the interchange at grade with no sidewalks, bike lanes, or crosswalks.

In some instances, a separate path can be provided on only one side of the interchange, which leads to awkward crossing movements. Some bicyclists will be riding on a path facing traffic, creating difficulties when they must cross back to a bike lane or shoulder (clear and easy-to-follow directions must be given to guide bicyclists' movements that are inconsistent with standard bicycle operation).

To ensure proper use by bicyclists, structures must be open, with good visibility (especially underpasses).

Other Innovative Designs
These concepts are presented as examples of innovative solutions to bike lane design at freeway interchanges and intersections.

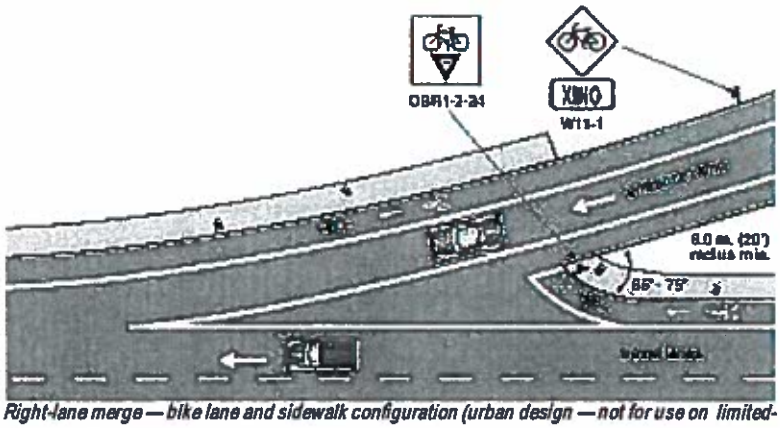


Exit ramp configuration for bike lane and sidewalks (urban design — not for use on limited-access freeways).

Traffic entering or exiting a roadway at high speeds creates difficulties for slower moving bicyclists. The following designs help alleviate these difficulties:

Right-Lane Merge
It is difficult for bicyclists to traverse the undefined area created by right-lane merge movements, because:

- The acute angle of the approach creates visibility problems.



Right-lane merge — bike lane and sidewalk configuration (urban design — not for use on limited-access freeways).

- Motor vehicles are often accelerating to merge into traffic.
- The speed differential between cyclists and motorists is high.

The following design guides bicyclists in a manner that provides:

- A short distance across the ramp at close to a right angle.
- Improved sight distances in an area where traffic speeds are slower than farther downstream.
- A crossing in an area where drivers' attention is not entirely focused on merging with traffic.

Exit Ramps
Exit ramps present difficulties for bicyclists because:

- Motor vehicles exit at fairly high speeds.
- The acute angle creates visibility problems.
- Exiting drivers often do not use their right-turn signal, confusing pedestrians and bicyclists seeking a gap in the traffic.

The exit ramp design on the previous page guides bicyclists in a manner that provides:

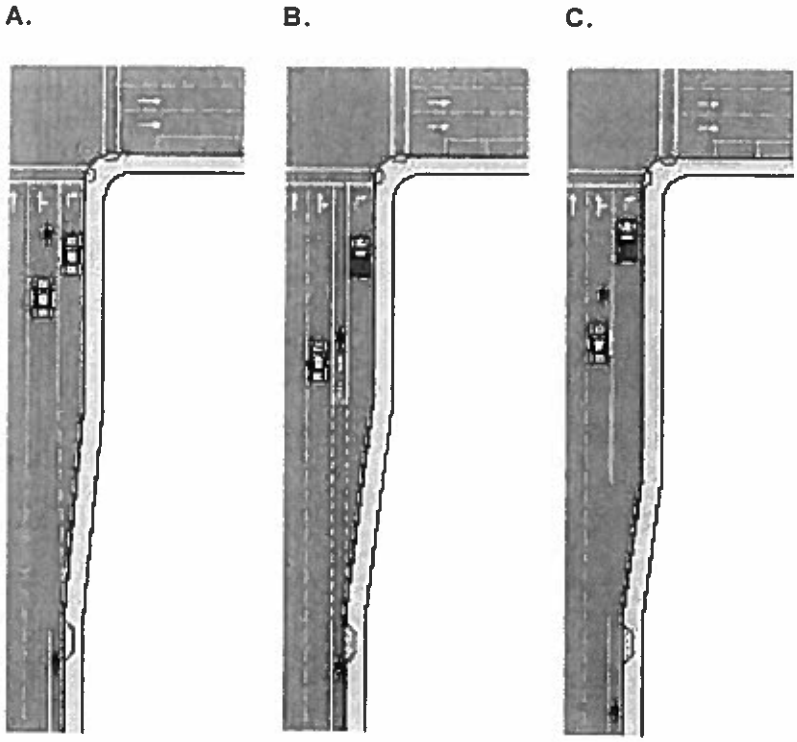
- A short distance across the ramp, at close to a right angle.
- Improved sight distances in an area where traffic speeds are slower than farther upstream.
- A crossing in an area where the driver's attention is not distracted by other motor vehicles.

Dual Right-Turn Lanes
This situation is particularly difficult for bicyclists. Warrants for dual turn lanes should be used to ensure that they are provided only if absolutely necessary.

The design for single right-turn lanes allows bicyclists and motorists to cross paths in a predictable manner, but the addition of a lane from which cars may also turn adds complexity: Some drivers make a last minute decision to turn right from the center lane without signaling, catching bicyclists and pedestrians unaware.

Bicyclists and motorists should be guided to areas where movements are more predictable, so bicyclists and motorists can handle one conflict at a time, in a predictable manner. A curb cut provides bicyclists with access to the sidewalk, for those who prefer to proceed as pedestrians.

- Design A (see Figure 19-13) encourages cyclists to share the optional through-right-turn lane with motorists.
- Design B guides cyclists up to the intersection in a dedicated bike lane.
- Design C allows cyclists to choose a path themselves (this design is the AASHTO recommendation–simply dropping the bike lane prior to the intersection).

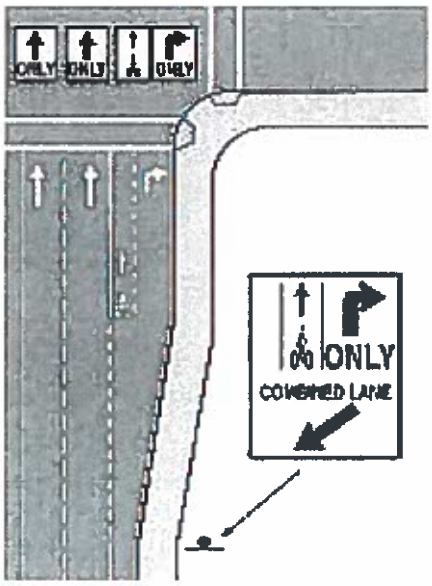


Bike lane through dual right-turn lanes.

A fourth design places an island between the right-turn lane and the optional through-right turn lane. This creates a more conventional intersection, separating the conflicts. This design is also better for pedestrians, as the island provides a refuge.

Engineering judgment should be used to determine which design is most appropriate for the situation.

Right-Turn Lane Without Room for a Bike Lane
On bike lane retrofit projects where there is insufficient room to mark a minimum 1.2-meter (4-foot) bike lane to the left of the right-turn lane, a right-turn lane may be marked and signed as a shared-use lane to encourage through-cyclists to occupy the left portion of the turn lane. This is most successful on slow-speed streets.



Joint use of a right-turn lane for through-bicyclist.

19.11 Exercise

Redesign a local intersection to include bike lanes. Choose an intersection with a moderate level of complexity, and assume that curb lines can be moved at will in order to achieve your design. Prepare a report and graphics that show existing conditions and recommended modifications. Signalization changes (if necessary) should also be explained, as well as any advance striping and signing needed on the intersection approaches.

19.12 References

Text and graphics in this lesson were derived from the following sources:

Oregon Department of Transportation, *Oregon Bicycle and Pedestrian Plan*, 1995.

Philadelphia Department of Streets, *Philadelphia Bicycle Facility Design Guidelines*, 1998.

For more information on this topic, refer to:

AASHTO, *Guide for the Development of Bicycle Facilities*, latest edition.

ITE Technical Committee 6A-55, *Review of Planning and Design Standards for Bicycle Facilities*, 1997.

USDOT, *Manual on Uniform Traffic Control Devices*, Section 9, latest edition.

O. Reports Mayor/Council/Manager

CITY OF TIPTON
CITY MANAGER
REPORT TO THE CITY COUNCIL
September 21, 2015

- Barring any additional rain events, a majority of the street, sewer and water work will be complete by the end of September.
- The electric department continues to work on the Co-op project in the City Park.
- The new debt projections have been supplied by Speer Financial. They will be here at the second meeting in October to review their handouts with the Council.
- The proposed presentation on the Mathew's Memorial Airport will be held in November or December. Staff has consulted with McClure Engineering and both of us concur that the tall structure ordinance and local election should occur before further discussion is invited.
- Staff, along with Councilperson Spear, will be attending the Iowa League of Cities conference this month in Cedar Rapids.
- At this time, I would like to thank Ethan Krob for his years of service with the City of Tipton. Ethan will be leaving the City at the end of this month and we wish him all the luck with his future endeavors.