



**MARSHALL CITY COUNCIL AGENDA**

**MONDAY – 6:00 P.M.**

**August 15, 2016**

- 1) CALL TO ORDER
- 2) ROLL CALL
- 3) INVOCATION – Richard Gerten, Family Bible Church
- 4) PLEDGE OF ALLEGIANCE
- 5) APPROVAL OF AGENDA – Items can be added or deleted from the Agenda by Council action.
- 6) PUBLIC COMMENT ON AGENDA ITEMS – Persons addressing Council are required to give their name and address for the record when called upon by the Mayor. Members of the public shall be limited to speaking for a maximum of five (5) minutes on any agenda item.
- 7) CONSENT AGENDA
  - A. City Council Minutes P. 3  
Regular Session.....Monday, August 1, 2016
  - B. City Bills P. 6  
Regular Purchases .....\$ 396,777.52  
Weekly Purchases – 7/29/16.....\$ 262,624.41  
Weekly Purchases – 8/5/16 .....\$ 12,459.60  
Total.....\$ 671,861.53
- 8) PRESENTATIONS AND RECOGNITIONS
- 9) INFORMATIONAL ITEMS
  - A. Event Report – Dark Horse Run P. 11
  - B. Event Report – Home Tour P. 12
  - C. Event Report – Tractor Drive for Cancer Cure P. 13
  - D. Event Report – 5K Law Enforcement Torch Run for Special Olympics P. 14
- 10) PUBLIC HEARINGS & SUBSEQUENT COUNCIL ACTION
- 11) OLD BUSINESS
  - A. Zoning Ordinance Draft P. 15  
City Council will study the six new sections of the Zoning Ordinance in preparation for the public hearing on September 6, 2016.
- 12) REPORTS AND RECOMMENDATIONS
- 13) APPOINTMENTS / ELECTIONS

Mayor:

Jack Reed

Council Members:

Ward 1 - Kari Schurig

Ward 2 - Nick Metzger

Ward 3 - Brent Williams

Ward 4 - Michael McNeil

Ward 5 - Jon Gerten

At-Large - Kathy Miller



**14) PUBLIC COMMENT ON NON-AGENDA ITEMS**

Persons addressing Council are required to give their name and address for the record when called upon by the Mayor. Members of the public shall be limited to speaking for a maximum of five (5) minutes on any item not on the agenda.

**15) COUNCIL AND MANAGER COMMUNICATIONS**

**16) ADJOURNMENT**

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Tom Tarkiewicz".

Tom Tarkiewicz  
City Manager

**CALL TO ORDER**

IN REGULAR SESSION Monday, August 1, 2016 at 7:00 P.M. in the Council Chambers of Town Hall, 323 West Michigan Avenue, Marshall, MI, the Marshall City Council was called to order by Mayor Reed.

**ROLL CALL**

Roll was called:

Present: Council Members: Gerten, McNeil, Metzger, Miller, Mayor Reed, Schurig, and Williams.

Also Present: City Manager Tarkiewicz and Clerk Nelson.

Absent: None.

**INVOCATION/PLEDGE OF ALLEGIANCE**

Council Member Gerten gave the invocation and Mayor Reed led the Pledge of Allegiance.

**APPROVAL OF THE AGENDA**

**Moved** Metzger, supported Gerten, to approve the agenda with the moving of item 7A. Schedule Public Hearing - Zoning/Sign Ordinance from the Consent Agenda to item 12B for further discussion. On a voice vote – **MOTION CARRIED.**

**PUBLIC COMMENT ON AGENDA ITEMS**

None.

**CONSENT AGENDA**

**Moved** Williams, supported Metzger, to approve the Consent Agenda:

- A. Approve the Traffic Control Order for the change of the southerly 150' of N. Park Street from two-way traffic to southbound one-way traffic only;
- B. Minutes of the City Council Regular Session held on Monday, July 18, 2016;
- C. Approve city bills in the amount of \$ 381,176.83.

On a roll call vote – ayes: Gerten, McNeil, Metzger, Miller, Mayor Reed, Schurig, and Williams; nays: none. **MOTION CARRIED.**

**PRESENTATIONS AND RECOGNITION**

None.

### **INFORMATIONAL ITEMS**

City Manager Tarkiewicz provided an event report for the Boy Scout Display event to be held on Saturday, September 10<sup>th</sup> and Sunday, September 11<sup>th</sup> on the former Roma's site.

### **PUBLIC HEARINGS & SUBSEQUENT COUNCIL ACTION**

None.

### **OLD BUSINESS**

#### **A. Comcast Video Service Local Franchise Agreement:**

**Moved** Miller, supported Williams, to approve entering into a 10 year franchise agreement with Comcast for them to use the city's public right-of-way to provide video service within the Marshall City boundaries and to authorize the City Clerk to sign the agreement. On a voice vote – **MOTION CARRIED.**

### **REPORTS AND RECOMMENDATIONS**

#### **A. 2016 – 2017 Pavement Marking – City Wide:**

**Moved** Gerten, supported Schurig, to approve the bid from PK Contracting of Troy, MI for a not to exceed amount of \$42,000 for 2016 and a not to exceed award for \$5,000 for 2017 for city wide pavement marking and also approve a budget amendment in the amount of \$46,500 from Major Streets-Capital Outlay (202-900-970.00) to Major Streets-Contracted Maintenance (202-474-939.00). On a roll call vote – ayes: McNeil, Metzger, Miller, Mayor Reed, Schurig, Williams, and Gerten nays: none. **MOTION CARRIED.**

#### **B. Schedule Public Hearing – Zoning/Sign Ordinance:**

**Moved** Gerten, supported McNeil, to schedule a public hearing for Monday, September 6, 2016 to hear public comment on the adoption of the Zoning & Sign Ordinance. On a voice vote – **MOTION CARRIED.**

### **APPOINTMENTS/ELECTIONS**

None.

### **PUBLIC COMMENT ON NON-AGENDA ITEMS**

Theresa Chaney-Huggett spoke regarding her candidacy for Calhoun County Board of Commissioners.

### **COUNCIL AND MANAGER COMMUNICATIONS**

**ADJOURNMENT**

The meeting was adjourned at 8:02 p.m.

---

Jack Reed, Mayor

---

Trisha Nelson, City Clerk

User: ctanner  
DB: MarshallEXP CHECK RUN DATES 01/01/2014 - 08/31/2016  
UNJOURNALIZED  
OPEN

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
32835	ACTRON INTEGRATED SEC	QTRTRY MONITORING FEES - POWERHOUSE		330.00
AA-49816	AIM ASPHALT, INC	ASPHALT REPLCMNT 417 N MADISON		850.00
SLS 10048633	ALEXANDER CHEMICAL CO	CHLORINE	2017.009	1,323.00
1429	ALL RELIABLE SERVICES	2016 LINE CLEARANCE- TREE TRIMMING CONT	2016.226	3,999.00
1403	ALL RELIABLE SERVICES	2016 LINE CLEARANCE- TREE TRIMMING CONT	2016.226	3,423.98
1416	ALL RELIABLE SERVICES	2016 LINE CLEARANCE- TREE TRIMMING CONT	2016.226	2,476.46
86717	ALL-TRONICS INC	SECURITY ALARM SYSTEM FOR WATER PLANT	2017.044	2,410.97
86679	ALL-TRONICS INC	KEY FOBS		325.00
160700749	AMBS CALL CENTER	ANSWERING SERVICE		429.24
195734-1673	AMERICAN PLANNING ASS	ANNUAL DUES		331.00
14-735593	ARROW UNIFORM	CUST #010198-03		153.28
14-735590	ARROW UNIFORM	CUST #010198-02		99.79
14-735595	ARROW UNIFORM	CUST #010198-06		31.23
14-735585	ARROW UNIFORM	CUST #010198-01		27.47
14-735591	ARROW UNIFORM	CUST #010198-04		55.42
14-735596	ARROW UNIFORM	CUST #010198-05		85.02
14-728130	ARROW UNIFORM	CUST #010198-03		153.28
14-728128	ARROW UNIFORM	CUST #010198-04		55.42
14-728123	ARROW UNIFORM	CUST #010198-01		27.47
14-728133	ARROW UNIFORM	CUST #010198-05		30.02
14-728132	ARROW UNIFORM	CUST #010198-06		31.23
14-728127	ARROW UNIFORM	CUST #010198-02		40.06
225-397632	AUTO VALUE MARSHALL	O-RINGS		18.99
108215	B S & A SOFTWARE	ANNUAL SERVICE/SUPPORT FEES 08/01/16--0		5,458.00
072616	BAKER TOOL RENTAL & S	WALK BEHIND SAW, BLADE WEAR CHARGE		237.50
248384-IN	BEAVER RESEARCH CO	LUBRICANT & HAND CLEANER		210.98
072116	BERON'S TREE SERVICE	REMOVE TREES - E GREEN & N KALAMAZOO	2017.041	1,550.00
BLU-7571	BLU FISH CONSULTING,	BLUES FEST - ANNUAL WEB HOSTING		200.00
BLU-7569	BLU FISH CONSULTING,	MEDIA EXPENSES		5,568.58
BLU-7569 A	BLU FISH CONSULTING,	FY17 MEDIA EXPENSES		1,200.00
BLU-7570	BLU FISH CONSULTING,	POSTERS, FLYERS, BANNER FOR BLUES FEST		640.76
1980	BUILDERS' HANDLE AND	STRIKE FILLER, HINGE FILLER FOR FRAME		7.66
PW201600000009	CALHOUN COUNTY TREASU	WATER AGENCY FEES 05/01/16--04/30/17		500.00
16-0173271	CITY OF ALBION	INTERNET		127.49
STREETS20160000008	CITY OF BATTLE CREEK	SIGNAL MAINTENANCE WORK (MARCH THRU JUN		767.19
IN75899	CORNERSTONE OFFICE SY	CITY HALL COPIERS		288.64
IN75898	CORNERSTONE OFFICE SY	PSB COPIER		332.88
9961	COURTNEY & ASSOCIATES	MONTHLY RETAINER SERVICES		250.00
91460	CRT, INC	SHADOW PROTECT SERVER		219.00
91358	CRT, INC	LICENSE BOTNET TRAFFIC FILTER		130.00
91343	CRT, INC	CLOUD STORAGE MONTHLY BILLING		736.47
91092-A	CRT, INC	CLOUD STORAGE		735.00
91510	CRT, INC	DESKTOP COMPUTERS - AMBLER & LANKERD	2017.063	2,012.00
91109	CRT, INC	KEYBOARD, ADAPTER, SWITCH, CABLE		165.00
91168	CRT, INC	24IN MONITORS		284.00
91007	CRT, INC	ENDPOINTPROT		430.00
91298	CRT, INC	SMARTNET		312.00
880514	CRYSTAL FLASH	PROPANE		17.42
136398	D & D MAINTENANCE SUP	JANITORIAL SERVICES - JULY 2016		4,454.67
135678	D & D MAINTENANCE SUP	JANITORIAL SUPPLIES		646.90
136049	D & D MAINTENANCE SUP	WYPAL		54.75
485738	DARLING ACE HARDWARE	TAPE, VELCRO, FORCEFLEX 30 GL, EXTN COR		59.47
489758	DARLING ACE HARDWARE	HELMET SYSTEM STIHL RACHET		259.96
490016	DARLING ACE HARDWARE	DIELCTRC SILICONE		8.99
490194	DARLING ACE HARDWARE	MASK TAPE		6.99
489577	DARLING ACE HARDWARE	CLAMPS		38.94
489931	DARLING ACE HARDWARE	JANITORIAL SUPPLIES		12.48
490149	DARLING ACE HARDWARE	COMP UNION		6.49
490117	DARLING ACE HARDWARE	S HOOKS		15.54
490427	DARLING ACE HARDWARE	KEY, LESTOIL		6.48
490521	DARLING ACE HARDWARE	FLUSHVALVE ACTUATE		9.99
490290	DARLING ACE HARDWARE	SNAP BOLT		2.99
490363	DARLING ACE HARDWARE	ANCHORS		9.56
490393	DARLING ACE HARDWARE	CORD RPLC, CNNCTR CORDGRP, TGL SWITCH &		21.96
490173	DARLING ACE HARDWARE	STARTER GRIP ELASTOSTART, LABOR		34.49
489597	DARLING ACE HARDWARE	15 AMP CONNECTOR		13.49
490473	DARLING ACE HARDWARE	ASPIRE EXT S-G LEASE		83.98
3178166	EDWARDS INDUSTRIAL SA	HOSE ASSY FOR ENG #3		41.00
32153	ELECTION SOURCE	2017 STATE OF MICHIGAN SERVICE 09/01/16		490.00
91042	ERIC DALE HEATING & A	SERVICE CALL AT CITY HALL		477.00
93162470	ESRI INC	2016 GIS YEARLY MAINTENANCE FEE	2017.021	2,200.00
MIMA167190	FASTENAL COMPANY	LIME RAINST SET		49.99
MIMA167118	FASTENAL COMPANY	SHCS		3.00
MIMA167267	FASTENAL COMPANY	T-ROD		12.59
MIMA167213	FASTENAL COMPANY	T-ROD		12.59
080816	FIVE STAR UNDERGROUND	SPRINKLER SYSTEM AT CITY HALL-SOUTH & W		1,120.00
063016	FIVE STAR UNDERGROUND	PSB STARTUP AND REPAIRS		285.00
DOWNTOWN	FIVE STAR UNDERGROUND	DOWNTOWN STARTUP AND REPAIR		225.00
BROOKS	FIVE STAR UNDERGROUND	BROOKS FOUNTAIN STARTUP & REPAIRS		205.00

User: ctanner  
DB: Marshall

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
CARVER PARK CITY	FIVE STAR UNDERGROUND	CARVER PARK STARTUP & ROTOR STARTUP, ROTORS REPLACED		95.00
REC FIELDS	FIVE STAR UNDERGROUND	REC FIELDS STARTUP		220.00
568750	GENUINE CUSTOMS & DET	4 INTERIOR CLEANINGS		70.00
3297	GOODWIN'S PLUMBING, L	PUBLIC RESTROOM ROUTE SEWER		49.00
1051	GRAHAM OUTDOOR SERVIC	2016 LAWN MOWING CONTRACT	2016.262	135.00
9171553325	GRAINGER	SAMPLER TUBING		1,020.00
6300	GUTTERS R US LLC	2016 LAWN MOWING AT INDUSTRIAL PARK- PE	2016.280	407.00
6424	GUTTERS R US LLC	2016 LAWN MOWING AT INDUSTRIAL PARK- PE	2016.280	835.00
10026599	HACH COMPANY	PHOSPHORUS TNT		440.00
10024569	HACH COMPANY	AMMONIA		158.37
10022667	HACH COMPANY	AMMONIA		314.70
4670	HARLO CORPORATION	(3) CONTROL PANELS FOR BREWER ST SUBSTA	2016.214	367.47
4198	HARVESTER FLOWER SHOP	MARVIN BENJAMIN		61,921.00
100243-0716	HERITAGE CLEANERS	LAUNDRY SERVICES - JULY		40.00
75909	HERMANS MARSHALL HARD	YARD BAGS (?)		259.80
79767	HERMANS MARSHALL HARD	BRUSHES, CAUTION TAPE, CHISEL		9.79
75900	HERMANS MARSHALL HARD	QT 8 KILLER		36.17
75978	HERMANS MARSHALL HARD	WASP SPRAY		5.99
75957	HERMANS MARSHALL HARD	PLAY SAND, BLEACH		11.97
75732	HERMANS MARSHALL HARD	MINERAL SPIRITS, BRUSHES		9.28
75964	HERMANS MARSHALL HARD	WASP SPRAY		13.57
75926	HERMANS MARSHALL HARD	HOSE REPAIR		4.99
75943	HERMANS MARSHALL HARD	HOSE, NOZZLE, SHUTOFF, NUTS		5.29
75929	HERMANS MARSHALL HARD	2# HAMMER		113.63
75676	HERMANS MARSHALL HARD	#2-KA 2002		16.49
75846	HERMANS MARSHALL HARD	DRILL BIT, PADLOCK, VELCRO		422.06
75986	HERMANS MARSHALL HARD	DRILL BIT, SCREWS, WD40		23.27
75990	HERMANS MARSHALL HARD	BIT, POSTS, BOLTS, NUTS, WASHER		13.07
75729	HERMANS MARSHALL HARD	DOOR HANDLE, DOOR STOP, FUSES, DUCT TAP		19.57
75991	HERMANS MARSHALL HARD	8 FT CORD		64.11
79764	HERMANS MARSHALL HARD	BRUSHES, TAPE		5.49
39709-IN	HYDROCORP	CROSS CONNECTION CONTROL PROGRAM - JULY		27.77
3048266	IIX INSURANCE INFORMA	MOTOR VEHICLE REPORTS		395.00
103590	J & K PLUMBING SUPPLY	SUPPLIES		52.90
103512	J & K PLUMBING SUPPLY	SUPPLIES		9.04
103480	J & K PLUMBING SUPPLY	PLUMBING SUPPLIES		35.11
103481	J & K PLUMBING SUPPLY	CREDIT FOR PLUMBING SUPPLIES		14.99
453614B	J.C. EHRlich CO., INC	CDT INSP		(4.72)
072816	K-MART	JULY CHARGES		216.00
608777	KAR LABORATORIES INC	SLUDGE ANALYSIS		99.27
608775	KAR LABORATORIES INC	MERCURY ANALYSIS		305.00
608774	KAR LABORATORIES INC	CYANIDE ANALYSIS		260.00
S104988083.001	KENDALL ELECTRIC INCO	STARTER - BROOKS PARK LS		100.00
30942-3	KENT POWER INC	CONSTRUCTION OF THE BREWER ST SUBSTATIO	2016.312	442.80
397158	KITCH, DRUTCHAS, WAGN	FIBER TO PREMISE		228,521.61
30112	LAKELAND ASPHALT CORP	BITUMINOUS AGGREGATES		300.00
1040232	LEGG LUMBER	2X4X8 PREMIUM, FLOOR ADHESIVE		57.72
1040149	LEGG LUMBER	PLYWOOD, FURRING STRIP, DRYWALL SCREWS		13.17
11759	LEWEY'S SHOE REPAIR	MATT PARKS BOOT ALLOWANCE		115.76
11772	LEWEY'S SHOE REPAIR	RON ASHBY'S BOOT ALLOWANCE		199.95
071416	MARSHALL PUBLIC SCHOO	MARSHALL LANES TRIP		190.00
071816	MARSHALL PUBLIC SCHOO	JACKSON ALLSKATE/CASCADE TRIP		93.04
072016	MARSHALL PUBLIC SCHOO	ALBION BOHM THEATRE/VICTORY PARK		588.10
1328757	MILLER CANFIELD PADDO	GENERAL EMPLOYMENT MATTERS		335.50
A21436	MIRATECH GROUP, LLC	DATALOGGER OR MIRA-MOTION/ FOR #5 ENGIN	2016.334	220.00
448795	NAPA OF MARSHALL	BATTERY		2,799.90
305194	NEFF, BRITTNEY	UNIT #319		119.00
376252	NORTH CENTRAL LABORAT	MUFFLE FURNACE	2017.020	285.00
564496A	NYE UNIFORM COMPANY	SHIRT, PANTS		4,383.81
564501	NYE UNIFORM COMPANY	ZAK TOOLS TRAINING HANDCUFFS		150.00
565117	NYE UNIFORM COMPANY	HERITAGE PANTS		250.18
564497	NYE UNIFORM COMPANY	STREAMLIGHT FLASHLIGHT		315.83
688285	OFFICE 360	INKCARTS, FOLDERS		109.50
691537	OFFICE 360	TONER		102.96
689768	OFFICE 360	TONER & DISPLAY STAND		291.99
686168	OFFICE 360	TONER		146.95
688234	OFFICE 360	TONER		337.96
688275	OFFICE 360	TONER, DRUM, ERASE BRD, MARKER		37.99
691420	OFFICE 360	ENVELOPE, CLSP		501.44
1656	PALM TEES	SUMMER PLAYGROUND CADET & VOLLEYBALL T-		7.29
50806	POLLARDWATER.COM	3 1/2 GA GLYC, 2 1/2 PIEZOTUBE ASSY		168.00
CMT0050806	POLLARDWATER.COM	SALES TAX		235.16
56053887	POWER LINE SUPPLY	GRAY SPOOL		(12.20)
56053238	POWER LINE SUPPLY	ROD ANCHOR		151.56
56053244	POWER LINE SUPPLY	WR279 CONNECTOR		266.65
56053248	POWER LINE SUPPLY	200 AMP METER SOCKETS		76.19
56053247	POWER LINE SUPPLY	#6 COPPER TIE WIRZ		401.00
56053246	POWER LINE SUPPLY	PLASTIC BUSHING		232.50
				4.35

User: ctanner  
 DB: Marshall

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
56053245	POWER LINE SUPPLY	ANIMAL GUARD		119.25
56053243	POWER LINE SUPPLY	BRACKETS		64.06
56053242	POWER LINE SUPPLY	3" CONDUIT		850.52
56053241	POWER LINE SUPPLY	2/0 UNDERGROUND WIRE		913.80
56053240	POWER LINE SUPPLY	STRAIN INSULATOR		304.47
56053239	POWER LINE SUPPLY	GUY WIRE		200.90
56052873	POWER LINE SUPPLY	UNLINED GLOVES		93.28
56050610	POWER LINE SUPPLY	LED ROADWAY LIGHTS- 400 WATT EQUIVILENT	2017.029	1,729.16
56051088	POWER LINE SUPPLY	COPPER SPLIT BOLT		152.94
56051089	POWER LINE SUPPLY	TRIPLE EYENUT		196.65
56051087	POWER LINE SUPPLY	SMALL WEDGE DEADEND		324.30
56051085	POWER LINE SUPPLY	15 AMP FUSE		85.39
56051084	POWER LINE SUPPLY	METER SOCKET HUBS		55.89
56051082	POWER LINE SUPPLY	TRANSFORMER GROUND LUG		101.11
56051081	POWER LINE SUPPLY	138KV INSULATORS FOR BREWER STREET SUBS	2016.301	13,075.07
848	QUALITY LAWN CARE	AIRPORT LAWN CARE		1,020.00
16221	RIGHT WAY CONTROL LLC	TREAT WEEDS, CONTROL OF R-O-W DITCHES		850.00
BN741-IN	SECURITY CORPORATION	CAMERA ADJUSTMENTS		442.75
8236-9	SHERWIN-WILLIAMS	SHLD-CRT EPXY PEWTER		305.64
1688-5	SHERWIN-WILLIAMS	SHLD-CRT EPXY PEWTER		171.88
8715	SIGNWORLD CONCEPTS	15 MINUTE PARKING ONLY SIGNS		70.00
19630	STANDARD PRINTING & O	DELIVERY CHARGE		7.00
19663	STANDARD PRINTING & O	TOWN CRIER - AUGUST		384.15
19664	STANDARD PRINTING & O	THANK YOU NOTE ENVELOPE		115.50
19665	STANDARD PRINTING & O	FOLDOVER THANK YOU NOTE		131.50
19631	STANDARD PRINTING & O	DELIVERY CHARGE		7.00
1076499	STANTEC CONSULTING MI	HYDRO STATIION TECHNICAL REVIEW SERVICE	2016.192	1,612.50
8040153929	STAPLES ADVANTAGE	COFFEE		149.82
363849	STEENSMA	2950M JOHN DEERE ZERO TURN MOWER	2017.015	8,449.00
127260-0616	THOMAS NEIDLINGER MD	UPRIGHT, CINDY		85.00
160259TB-1929	UTILITY CONTRACTING C	2" BORE FOR SERVICE AT 404 MANSION ST.-	2017.039	2,900.00
EO-05-2016	WARREN ENERGY SOLUTIO	ENERGY OPTIMIZATION YEAR-END SUMMARY		150.00
322319	WESCO	TOOL BOARD FOR TRUCK #300		353.45
107670	WOODS POOLS INC	3" TAB, SPIRAL WC		290.25
				396,777.52

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
07/28/2016	BROWN, CASEY & AMY	UB refund for account: 3003480038		19.85
072816	CALHOUN COUNTY TREASU	REFUND OVERPAYMENT OF MRLEC CONSTRUCTIO		256,427.81
2550996025-0716	CHEMICAL BANK SOUTH	HSA ACCT #2550996025 SEARS, THERESA		585.00
2551718576-0716	CHEMICAL BANK SOUTH	HSA ACCT #2551718576 PARKS, MATTHEW		585.00
072116	CITY OF MARSHALL	PETTY CASH REIMBURSEMENT		6.80
204652957815	CONSUMERS ENERGY	1000 0916 3435		24.81
201983153954	CONSUMERS ENERGY	1000 7224 3312		14.13
202695090771	CONSUMERS ENERGY	1000 0759 4680		17.98
205809858481	CONSUMERS ENERGY	1000 6710 1772		13.58
201983154184	CONSUMERS ENERGY	1030 0915 7670		15.85
201004535338	CONSUMERS ENERGY	1030 1352 1119		15.79
204652957817	CONSUMERS ENERGY	1000 0916 3971		31.13
204652957816	CONSUMERS ENERGY	1000 0916 3708		13.58
204652957814	CONSUMERS ENERGY	1000 0916 3203		15.79
201182258904	CONSUMERS ENERGY	1030 1852 1130		241.73
07/28/2016	GILMORE, TAYLOR	UB refund for account: 3005960029		45.98
072616	GROSS, JOHN	INSPECTOR COMMISSION		520.00
07/28/2016	LUCAS, CASSANDRA	UB refund for account: 3203060022		4.11
73	MAGIC MAIDS	JULY CLEANING SERVICES		1,400.00
74	MAGIC MAIDS	APTS #317 & #413		200.00
9421-0716	MARSHALL COMMUNITY CU	9421 - SEARS		351.95
4868-0716	MARSHALL COMMUNITY CU	4868 - RICE		492.73
71733380	MCMASTER-CARR	FERRIC PUMP BOLTS		21.54
S3989188.001	MEDLER ELECTRIC COMPA	CAUTION TAPE		193.55
2016	MICHIGAN CHAPTER OF N	FALL CONFERENCE - THERESA SEARS		150.00
07/26/2016	MILNE, SUSAN	UB refund for account: 2900660028		44.19
07/26/2016	MOOSEKIAN, SCOTT	UB refund for account: 400640017		63.34
072516	NICHOLS, JEFFREY S	INSPECTOR COMMISSION		440.00
07/28/2016	O'MARA, ALEX	UB refund for account: 3005980042		0.43
071416	PHILPOTT, ANTHONY	BOOT ALLOWANCE		158.95
07/26/2016	SPEER, BRENT & JENNA	UB refund for account: 3004640031		58.12
07/28/2016	SPENCER, CHARLES	UB refund for account: 2900400032		50.69
072716	STATE OF MICHIGAN	T.E.A.M. SCHOOL AUGUST 2016		400.00
				262,624.41

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
145970911-0716	A T & T	ACCT #145970911		65.00
080216	ADAMS, ADALINE	ELECTION INSPECTOR		190.00
080216	BEGG, CHERYL	ELECTION INSPECTOR		135.00
080216	BROWN, SEAN	BOOT ALLOWANCE REIMBURSEMENT		174.99
08/03/2016	BURGHDORF, CLINT	UB refund for account: 101650027		38.16
315120316052042	CAPITAL ONE COMMERCIA	ACCT #6004-3004-9900-5848		55.41
203674046205	CONSUMERS ENERGY	1000 0033 5602		324.84
080216	DAY, SUSAN	ELECTION INSPECTOR		249.00
JULY 2016	EAKINS, PRESTON	BALLOON ARTIST 07/02/16		100.00
080216	GORSLINE, CHRISTINE	ELECTION INSPECTOR		195.00
072816	GOVERNMENT FINANCE OF	DISTINGUISHED BUDGET AWARDS PROGRAM		330.00
JULY 2016	HAAN, DAVID	MUSICIAN 07/09/16 AT FARMERS MARKET		35.00
08/03/2016	HADFIELD, KIMBERLY	UB refund for account: 2900540026		21.53
080216	HAGERTY, MELISSA	ELECTION INSPECTOR		195.00
080216	HAGERTY, PHILLIP	ELECTION INSPECTOR		195.00
080216	HOLMES, ROBERT & CARO	PERMANENT EASEMENT OF P/N 16-011-006-01		1,000.00
3058698	IIX INSURANCE INFORMA	MOTOR VEHICLE REPORTS		86.95
080216	KARNS, SHARON	ELECTION INSPECTOR		190.00
080216	KATHY TARKIEWICZ	ELECTION INSPECTOR		85.00
080216	LAING, CLAUDE	ELECTION INSPECTOR		195.00
080116	LOUIE'S BAKERY	DONUTS & COOKIES FOR ELECTION		36.00
08/03/2016	LOWMAN, HEIDI	UB refund for account: 2708060008		3.40
080216	MACHATA, ROBERTA	ELECTION INSPECTOR		175.00
1773-0716	MARSHALL COMMUNITY CU	1773 - MCCOMB		273.66
08/03/2016	MEADE, JACQUELENE	UB refund for account: 502560000		67.13
S3997297.001	MEDLER ELECTRIC COMPA	2" EXPANSION COUPLING		198.21
JULY 2016	MILLER'S COUNTRY ACRE	SNAP PROGRAM REIMBURSEMENT		2.00
JULY 2016	NOTTAWA CROSSING	SNAP PROGRAM REIMBURSEMENT		6.00
JULY 2016	OLIVER, JIM	ENTERTAIN KIDS AT FARMERS MARKET 07/23/		35.00
JULY 2016	OSTERHART, TERRY	MUSICIAN 07/16/16 AT FARMERS MARKET		35.00
JULY 2016	PEACEFUL PASTRIES	SNAP PROGRAM REIMBURSEMENT		2.00
JULY 2016	PHEASANT HOLLOW FARM	SNAP PROGRAM REIMBURSEMENT		3.00
08/03/2016	PIKE, TAYLOR & COLE,	UB refund for account: 2901470032		58.68
JULY 2016	PURE PRODUCE	SNAP PROGRAM REIMBURSEMENT		1.00
080216	RAUSCH, JANEAN	ELECTION INSPECTOR		195.00
JULY 2016	RAUTH, PAUL	MUSICIAN 07/09/16 AT FARMERS MARKET		35.00
080216	REDDICK, KENNETH E	ELECTION INSPECTOR		190.00
080216	REDDICK, PAULINE	ELECTION INSPECTOR		115.00
249-005164381	REPUBLIC SERVICES #24	ACCT #3-0249-1022021		1,179.39
080516	ROSENBAUER SOUTH DAKO	CUTTING TOOLS FOR RESCUE PUMPER/SHELVIN 2017.048		3,876.00
JULY 2016	ROSS, CHRIS	MUSICIAN 07/02/16 @ FARMERS MARKET		35.00
080216	SIZEMORE, DARLYNE	ELECTION INSPECTOR		190.00
JULY 2016	THE CHEESE PEOPLE	SNAP PROGRAM REIMBURSEMENT		10.00
080216	TIMOTHY SKIDMORE	ELECTION INSPECTOR		85.00
JULY 2016	TOLLGATE GARDENS	SNAP PROGRAM REIMBURSEMENT		5.00
080216	WALBECK, DEBORAH L	ELECTION INSPECTOR		258.00
080216	WEST MICHIGAN RIGHT O	PERMANENT EASEMENT FEES & TRANSFER OF T		42.60
080216	WILLIAMS, KASEY	ELECTION INSPECTOR		180.00
08/03/2016	WILSON, JEANETTE	UB refund for account: 401590000		68.68
072716	WOLCOTT, CAROLEE	REFUND SEC DEP AND BALANCE		696.00
10040269-0716	WOW! BUSINESS	ACCT #010040269		509.00
10058364-0716	WOW! BUSINESS	ACCT #010058364		32.97
				12,459.60

## EVENT REPORT

**EVENT:** Bakers Dozen Beer Run

**EVENT LOCATION:** Dark Horse Brewery

**SPONSOR:** David Giesen

**EVENT DATE:** Saturday, September 17, 2016

**EVENT TIMEFRAME:** 9:00a – 12:30p

**MDOT PERMIT REQUIRED:** No

**MDOT PERMIT GRANTED:** NA

**ROAD CLOSURE DETAIL:** S. Kalamazoo Avenue from Industrial Dr. to Hanover Street.

**ROAD CLOSURE TIMEFRAME:** Saturday 8:30a to 12:30p

**EVENT CLOSURE DETAIL:** Closure will be used for staging, pedestrian safety, and finish line.

**DETOUR DETAIL:** Northbound Kalamazoo onto Industrial Drive, North onto Linden Street, East onto Hanover Street and back North onto Kalamazoo.

### **EVENT DETAIL:**

The Bakers Dozen Beer run is anticipation 1,500 runners and bicyclists for this event. The event will stage at the Dark Horse on S. Kalamazoo. The bike riders will be released at 9:00am and the runners will be released at 9:30am. All participants will finish at the Dark Horse.

The event starts on Kalamazoo and goes north to Prospect Street and turns west and goes to Verona. Verona to Northbound West to F Dr. F Dr. eastbound to 16 ½ Mile Rd. back into the city to North Dr. North Drive eastbound to 17 ½ Mile and turn north to Alto Relevo Way. Through Kesselwood subdivision onto 18 Mile Rd. 18 Mile Rd. south to G Dr and east to 18 1/2 Mile Rd. . 18 ½ Mile Rd south onto Centennial Rd. back to Pratt Park. Then Mann Rd to East Drive to Lincoln. Lincoln Street to Green Street then westbound to Hamilton Street. Hamilton Street to Spruce Street and Spruce Street westbound to Kalamazoo.

**COUNCIL NOTIFICATION DATE:** August 15, 2016

## EVENT REPORT

**EVENT:** 53<sup>rd</sup> Marshall Historical Society's Annual Historic Home Tour and Civil War Ball

**EVENT LOCATION:** Multiple locations

**SPONSOR:** Marshall Historical Society and the Marshall Area Historical Re-enactors Society

**EVENT DATE:** Saturday and Sunday, September 10<sup>th</sup> and 11<sup>th</sup>

**EVENT TIMEFRAME:** see request

**MDOT PERMIT REQUIRED:** No

**MDOT PERMIT GRANTED:** NA

**ROAD CLOSURE DETAIL:** N. Kalamazoo Avenue from Chemical Bank entrance to Mansion Street.

**ROAD CLOSURE TIMEFRAME:** Saturday 5:30am to Sunday at 7:00pm

**EVENT CLOSURE DETAIL:** Closure will be used for passenger loading, pedestrian safety, and the civil war ball

**DETOUR DETAIL:** No posted detours.

**EVENT DETAIL:**

Civil War Ball on Saturday Night from 7pm to 10pm

Picnic will follow on Sunday evening in the parking lot next to the Lutheran Church in the 100 Block of W. Green Street.

**PARKING PROHIBITION:** Mansion Street from Sycamore Street to Kalamazoo Avenue and in front of and across from each home that is on the tour

**COUNCIL NOTIFICATION DATE:** August 15, 2016

## EVENT REPORT

**EVENT:** Tractor Drive for Cancer Cure

**EVENT LOCATION:** Calhoun County Fairgrounds

**SPONSOR:** D. Woodworth

**EVENT DATE:** Saturday, September 17, 2016

**EVENT TIMEFRAME:** 10:00a – 12:30p

**MDOT PERMIT REQUIRED:** No

**MDOT PERMIT GRANTED:** NA

**ROAD CLOSURE DETAIL:** None

**ROAD CLOSURE TIMEFRAME:** N/A

**EVENT CLOSURE DETAIL:** No Closure requested. Staging will occur at the Calhoun County Fairgrounds.

**DETOUR DETAIL:** None needed.

### **EVENT DETAIL:**

The Calhoun County Tractor Association will be having their 4<sup>th</sup> Annual Tractor Drive for Cancer Cure event on the above listed date. They are expecting approximately 100 tractors in this parade. Last year they had 94 tractors and this event grows each year. They will proceed out of the fairgrounds south on Monroe St. Continue to Hughes St and go west to 12 Mile Rd. They will then go north on 12 Mile Rd to C Dr. N. Continue onto C Dr. N to Michigan Ave. They proceed east on Michigan Ave to Exchange St and back to the fairgrounds. The tractors on Michigan Ave will remain in the right outside lane and other traffic will be able to use the inside lane.

The Calhoun County Sheriff's Office is aware of the event. The Marshall Township Fire Department has agreed to provide traffic control in Marshall Township.

**COUNCIL NOTIFICATION DATE:** August 15, 2016

## EVENT REPORT

**EVENT:** 5K Law Enforcement Torch Run for Special Olympics

**EVENT LOCATION:** MRLEC

**SPONSOR:** Michigan State Police/Special Olympics

**EVENT DATE:** Monday, September 12, 2016

**EVENT TIMEFRAME:** 6:30p.m. – 7:30 p.m.

**MDOT PERMIT REQUIRED:** No

**MDOT PERMIT GRANTED:** N/A

**ROAD CLOSURE DETAIL:** None

**ROAD CLOSURE TIMEFRAME:** N/A

**EVENT CLOSURE DETAIL:** None.

**DETOUR DETAIL:** None

### **EVENT DETAIL:**

Participants of the run will proceed from the Marshall Region Law Enforcement Center (MRLEC) south to the Circle. Runners will go east down Michigan Ave to Liberty Street. Runners will turn at Liberty and return the same route to the MRLEC. The runners will be escorted by police vehicles and will utilize the shoulder and sidewalks when applicable.

**COUNCIL NOTIFICATION DATE:** August 15, 2016



**ADMINISTRATIVE REPORT**  
**AUGUST 15, 2016 - CITY COUNCIL MEETING**

**REPORT TO:** Honorable Mayor and City Council Members

**FROM:** Natalie Dean, Assistant City Manager/Director  
Tom Tarkiewicz, City Manager

**SUBJECT:** New sections of Zoning Ordinance draft

**BACKGROUND:** On August 1, 2016 Council asked to study the six new sections of the Zoning Ordinance draft. Those sections include:

- 4.33 Adult and Childcare Centers Pg. 137
- 4.50 Electric Vehicle Infrastructure Pg. 146
- 4.51 Mobile Food Vending Pg. 147
- 4.52 Recycling and Related Uses Pg. 149
- 4.53 Solar Energy Systems Pg. 150
- 4.54 Wind Energy Systems Pg. 153

**RECOMMENDATION:** Staff recommends that City Council study the six new sections of the ordinance in preparation for the public hearing on September 6, 2016.

**FISCAL EFFECTS:** None at this time.

**ALTERNATIVES:** As suggested by Council.

Respectfully submitted,

Natalie Dean  
Assistant City Manager  
Director of Community Services

Tom Tarkiewicz  
City Manager

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

f 269.781.3835

cityofmarshall.com



# New Sections to the Draft Ordinance

GROUP ADULT DAYCARE

# 4.33 Adult and childcare centers

Page 137

Permitted in B-3, I-1 and I-2 districts as special land use



# Definitions:

*Adult Day Care Facility.* A facility which provides daytime care for any part of a day but less than 24 hours for functionally impaired elderly persons through a structured program of social and rehabilitative or maintenance services in a supportive group setting other than the client's home.

*Child Care Center.* A facility, other than a private residence, receiving one or more preschool or school age children for group day care for periods of less than 24 hours a day, and where the parents or guardians are not immediately available to the child. It includes a facility that provides care for not less than two consecutive weeks, regardless of the number of hours of care per day. This facility is also described as a childcare center, day care center, day nursery, nursery school, parent cooperative preschool, play group, early childhood program, child development center, early learning center, or drop in center. Child care center or day care does not include a Sunday school conducted by a religious institution or a facility operated by a religious organization where children are cared for during short periods of time while persons responsible for such children are attending religious services.

# Childcare centers:

- ▶ Planning Commission has to determine that the proposed center does not create an excessive number of centers, as determined by need
- ▶ Adequate off-street parking required; no drop-off or pick-up in right-of-way
- ▶ Outdoor activity areas separated from parking, for safety
- ▶ There is provided and maintained a minimum of 75 square feet of indoor or outdoor play area per child and provided that such total area shall not be less than 1,500 square feet.
- ▶ Outdoor play areas shall be enclosed with a fence not less than 60 inches in height and screened from any adjoining lot or use.
- ▶ Pick-up and drop-off areas shall be provided, with the location(s) and layout subject to Planning Commission approval.

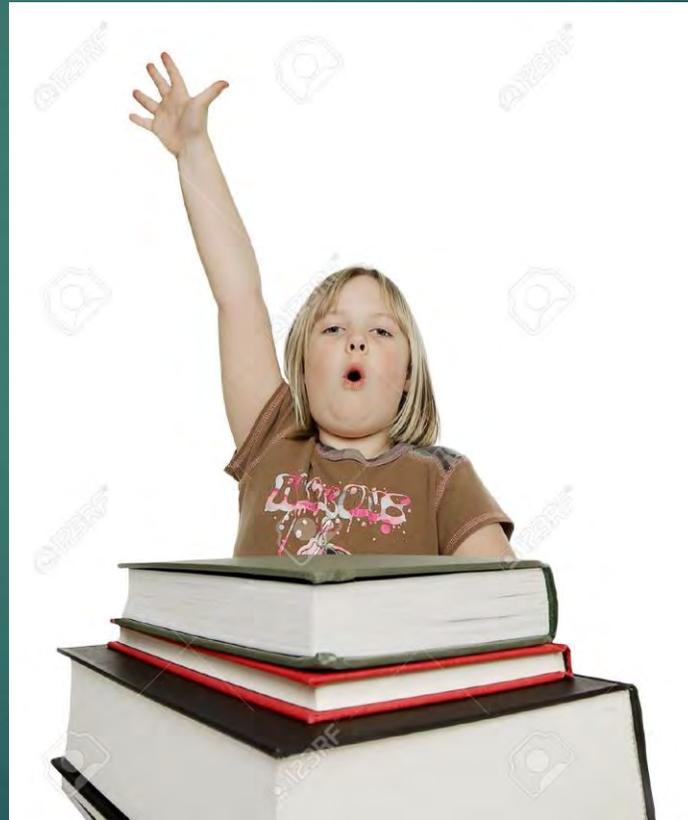


# Adult daycare centers:

- ▶ Encouraged to comply with National Adult Day Services Association standards
- ▶ Must have 60 square feet of activity area indoors per participant
- ▶ Must have designated, supervised rest area for participants separate from activity area
- ▶ Must have 50 square feet of outdoor activity area per participant, including resting and shaded areas



# Questions?





# New Sections to the Draft Ordinance

ELECTRIC VEHICLE INFRASTRUCTURE

# 4.50 Electric Vehicle Infrastructure

Page 146

Allowed in all districts



# In General:

- ▶ Permit required (electric and building)
- ▶ Charging spot counts towards overall parking count
- ▶ No minimum charging spaces required (not a requirement to have)
- ▶ You can't park in a charging space if you aren't charging
- ▶ Owner has the ability to charge-fees for charging have to be clearly marked
- ▶ If principal use of land is to charge vehicles, then it gets treated like a gas station and is a special land use
- ▶ Private charging stations are for private use
- ▶ The city would like to know where all charging stations are and who owns them

# Commercial charging stations

- ▶ For non-residential or ROW: located on end or beginning of block
- ▶ Developments that have 3 or more charging stations, one has to be barrier free
- ▶ Where possible charging stations should be placed together to limit infrastructure necessary to supply them
- ▶ Charging station cannot interfere with accessibility



# Design standards for commercial & Right-of-Way

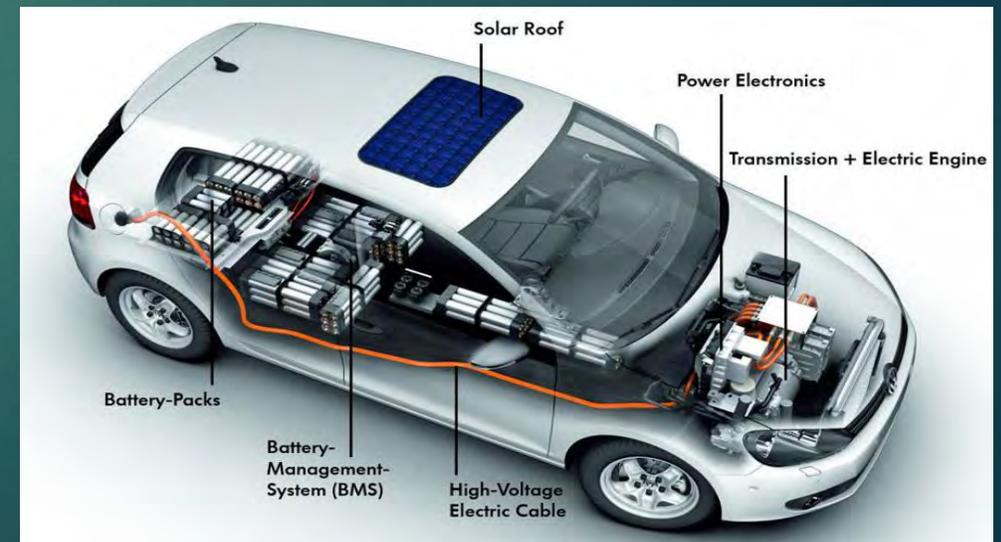
- ▶ Infrastructure for charging station has to be underground
- ▶ Solar canopies for charging station are permitted (14' height)
- ▶ Charging station has to have adequate lighting
- ▶ Height of connection device and regulation to keep cords in orderly fashion
- ▶ Protection of charging station required (like bollards)



# Signage

## Battery handling & storage

- ▶ Appropriate signage required (approved by City) indicating hours, charging of vehicles only, and any tow-away information
- ▶ Directional signs allowed (points to directional signage)
- ▶ Information regarding charging station (volts, etc) to be provided
- ▶ Statement about how to handle electric vehicle battery when damaged



# Questions?





# New Sections to the Draft Ordinance

MOBILE FOOD VENDING

# 4.51 Mobile Food Vending

Page 147

Allowed in POSD, B-2, B-3, B-4, I-1, I-2, PSP



# Temporary Land Use: Location

- ▶ Permitted on private property that is vacant or non-residentially used
- ▶ Must have approval of owners
- ▶ Parked on hard surface (not in landscaping)
- ▶ Not in a “sensitive environment” like flood plains
- ▶ Can’t be parked in a way to interfere with pedestrian activity or vehicle site distance
- ▶ Customers can line up on sidewalks as long as 6’ of unobstructed sidewalk is available

# Other requirements:

- ▶ If more than 2 food trucks on one site, manager has to be present and bathroom provided within 200' of units
- ▶ Each food truck, once per week per property. Can locate to different properties
- ▶ Can only sell food and non-alcoholic beverages
- ▶ Must have a trash receptacle and must empty when leaving
- ▶ In general, no operation between 10pm-7am; however, zoning administrator can extend hours if there will be no impact on adjacent owners
- ▶ In general, food truck can't take spaces needed for operating business on site (but there is leniency) and at least 3 parking spaces for food truck required
- ▶ Seating may be provided for up to 12 customers-one additional parking space required for each 2 seats (there is leniency)
- ▶ Only walk-up vending, no drive-through vending

# Other requirements:

- ▶ Only signage permitted is on truck or 1 sandwich board
- ▶ No sound permitted
- ▶ No additional lighting allowed, except by ZBA once its determined that lighting won't spill to adjacent properties
- ▶ If porta-potty provided, may be placed 1 day before then removed (at least 100' from residential)
- ▶ Annual permit required.



Questions?





# New Sections to the Draft Ordinance

RECYCLING AND RELATED USES

# 4.52 Recycling & related uses

Page 149

Allowed in I-1 and I-2 only



# Staff note:

*A little background:*

When the county came to Planning Commission for site plan review for their new garage facility (which will be adjacent to residential), there was a big neighbor turn-out. The main concern relayed to Planning Commission was that this would end up being the site of the county's recycling facility. Needless to say, the neighbors were not at all happy about the traffic, noise, or potential smells and lack of aesthetics this kind of use may bring.

At that time, Planning Commissioner's confirmed that the site plan being approved was for storage only-not a recycling center. It was also stated to residents that the "new" ordinance would only allow a recycling center in the industrial zones; hence, protecting them from this use.

# Junk Yards permitted in I-1 as a Special Land Use

## ► Definition of “Junk Yard”:

*Junkyard.* An open area licensed by the state of Michigan where waste, used or secondhand material is bought and sold, exchanged, stored, baled, packed, disassembled, or handled including but not limited to scrap iron and other metals, paper, rags, tires, and bottles. A “junk yard” includes automobile wrecking yards and includes any area of more than 200 square feet for storage, keeping or abandonment of junk but does not include uses established entirely within enclosed buildings. The term “junk yard” does not include collection stations for residential recyclables.

# Junk yard requirements:

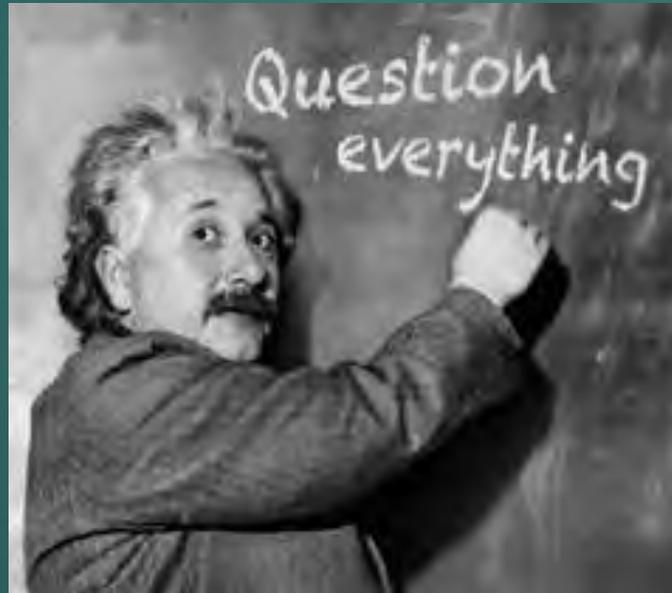
- ▶ 6-8 foot fence required around yard with 20' minimum landscaped area between fence and property line
- ▶ No burning
- ▶ Not allowed next to residential
- ▶ Not allowed in flood plain
- ▶ All machinery and structures have to comply with setbacks
- ▶ Have to comply with city requirements for noise, dust, fumes, etc
- ▶ All industrial processes (cutting, packaging, etc) have to be done within enclosed building
- ▶ Hazardous chemical language (approved underground storage, etc)
- ▶ No stacking beyond height limit for structures in district
- ▶ Spill prevention plan with Fire Chief
- ▶ Hours of operation limited to between 7am-10pm

# Recycling collection facilities (permitted in I-1 & I-2):

- ▶ 6-8 foot fence required around yard with 20' minimum landscaped area between fence and property line
- ▶ Outdoor storage area has to have approved all weather surface
- ▶ No stacking beyond height of fence
- ▶ Items stored outside have to be in containers
- ▶ All garbage (non recyclables) have to be in a dumpster, emptied at least 1 time per week
- ▶ Machinery/structures have to comply with setbacks
- ▶ Drop off areas have to be supervised during open hours and kept clean
- ▶ Cannot be in a flood plain
- ▶ Hours limited to 7am-10pm

# Recycling processing facilities (permitted in I-1 and I-2):

- ▶ 6-8 foot fence required around yard with 20' minimum landscaped area between fence and property line
- ▶ Outdoor storage area has to have approved all weather surface
- ▶ No stacking beyond height of fence
- ▶ Items stored outside have to be covered or in containers
- ▶ All garbage (non recyclables) have to be in a dumpster, emptied at least 1 time per week
- ▶ Machinery/structures have to comply with setbacks
- ▶ Drop off areas have to be supervised during open hours and kept clean
- ▶ All industrial processes (cutting, packaging, etc) have to be done within enclosed building
- ▶ Loading/docks screened from residential
- ▶ Not to be located in flood plain
- ▶ Hours limited to 7am-10pm



Questions?



# New Sections to the Draft Ordinance

SOLAR ENERGY SYSTEMS

# 4.53 Solar energy systems

## Page 150

Large systems allowed in I-1 and I-2 as Special Land Use

Medium systems permitted use in POSD, B-2, B-4, FS, I-1, 1-2, and PSP

Small systems permitted use in all districts

Medium rooftop only systems permitted in HCHSD and B-3



# Small solar energy systems:

- ▶ Building Official approves-if there is belief of neighbor impact, Building Official may require site plan
- ▶ Ground-mounted systems require Planning Commission approval
- ▶ Ground-mounted systems are not allowed in residential or B-3
- ▶ Certain instances will never require site plan (roof mounted, certain sizes, etc)
- ▶ Mechanicals (not panels) can be placed in a rear or side yard with screening
- ▶ Panels must be placed so radiation or glare does not infringe on traffic or neighboring properties
- ▶ If system is not operable or abandoned or deemed unsafe, Building Official can require it to be fixed or removed
- ▶ Panels may extend up to 5' above height of roof (even if exceeding height limits in district)
- ▶ Panels may not exceed roof area or hang over edge of roof

# Small solar energy systems (ground-mounted):

- ▶ Have to comply with setbacks and height limitations for accessory structures in district (but no higher than 20')
- ▶ Cannot be located in front yard-except I-1 or I-2 (can be in non-required front yard)
- ▶ Maximum coverage area of 3,500 square feet, including paved areas
- ▶ If paved area is greater than 2,000 square feet, city engineer approves drainage plan
- ▶ Panels can't be located closer than their height to the property line
- ▶ Systems have to be screened



# Medium solar energy systems:

- ▶ Professionally prepared site plan required
- ▶ Equipment (not panels) in side or rear yard only, 5' min. from lot line and screening required (leniency available)
- ▶ Placed to limit concentrated radiation or glare to traffic or on neighboring properties
- ▶ If system is not operable or abandoned or deemed unsafe, Building Official can require it to be fixed or removed
- ▶ Roof panels may extend up to 5' above height of roof (even if exceeding height limits in district)
- ▶ Roof panels may not exceed roof area or hang over edge of roof

# Medium solar energy systems(ground-mounted):

- ▶ Ground-mounted have to meet setbacks and if bordering residential, 50' setback
- ▶ Have to comply with height limitations for accessory structures in district (but no higher than 20' in the R-2 district)
- ▶ Cannot be located in front yard-except I-1 or I-2 (can be in non-required front yard)
- ▶ Maximum coverage area of ½ acre, including paved areas
- ▶ If paved area is greater than 2,000 square feet, city engineer approves drainage plan
- ▶ Panels can't be located closer than their height to the property line
- ▶ Systems have to be screened

# Large solar energy systems:

- ▶ All are treated as special land uses in the industrial district
- ▶ If there is a principal building, cannot be located in front yard
- ▶ Screening requirements and secured by a fence
- ▶ No maximum ground coverage but have to comply with setbacks for district
- ▶ Planning Commission verifies the use in harmony with the district and considers items considered in a site plan (drainage, screening, etc)



# Questions?





# New Sections to the Draft Ordinance

WIND ENERGY SYSTEMS

# 4.54 Wind energy systems

Page 153

Permitted in POSD, FS, I-1 and I-2 districts



# Wind energy systems:

- ▶ Wind resource study on the property over the period of at least one year is required (except for anemometer tower)
- ▶ Land shall be at least 5 acres or big enough to meet setback standards
- ▶ Height measured from ground to tip of blade in upright position
- ▶ Height limit of 150' feet (Planning Commission can grant up to 200')
- ▶ Lowest point created by arc of blade has to be at least 20' from the ground
- ▶ Tower setback is 3 times the height of the tower from the property line
- ▶ Distance between towers, equal to 4 times the height of the tallest tower
- ▶ Sound levels can't exceed sixty five (65) decibels on the dB(A) scale
- ▶ Lighting prohibited unless required by FAA
- ▶ Cannot produce vibrations (noticeable to humans) beyond property line

# Wind energy systems (continued):

- ▶ Transmission lines have to be underground
- ▶ Existing natural features have to be preserved (whenever possible)
- ▶ Screening required along roadways and residential borders (unless Planning Commission agrees that natural screening is adequate)
- ▶ If a building is present, wind energy system cannot be in front yard
- ▶ System has to meet state and federal requirements
- ▶ Have to be constructed so they don't interfere with other signals in the area
- ▶ Monopole mast has to be used with steel/neutral color (unless Planning Commission allows another color due to migration route)
- ▶ Special land use and site plan application have to be accompanied by soil report to prove foundation will be stable, shadow flicker model, and hazard prevention plan
- ▶ One sign (4 square feet) on tower base with emergency contact information
- ▶ Any abandoned or inoperable/unsafe wind energy system will receive notice to remove within 90 days and site returned as near to normal as possible
- ▶ Performance bond (equal to price of removal) is a requirement
- ▶ Requirements apply to technology available at time of approval

# Wind energy systems





Questions?