



CITY OF OSAGE BEACH  
BOARD OF ALDERMEN MEETING

1000 City Parkway  
Osage Beach, MO 65065  
573/302-2000 FAX 573/302-0528  
Email: [www.osagebeach.org](http://www.osagebeach.org)

OPEN MEETING

TENTATIVE AGENDA  
REGULAR MEETING  
October 23, 2014 – 6:30 P.M.  
CITY HALL

**\*\*\*\*\* Note: Make sure that your cell phone is turned off or on a silent tone only. Please sign the attendance sheet located at the podium if you desire to address the Board.**

**CALL TO ORDER**  
**Pledge of Allegiance**  
**Roll Call**

**MAYOR'S COMMUNICATIONS**

**CITIZENS' COMMUNICATIONS**

- This is a time set aside on the agenda for citizens and visitors to address the Mayor and Board on any topic that is not a public hearing. The Board will not take action on any item not listed on the agenda, but the Mayor and Board welcome and value input and feedback from the public. Speakers will be restricted to three minutes unless otherwise permitted. Minutes may not be donated or transferred from one speaker to another.

**APPROVAL OF CONSENT AGENDA**

If the Board desires, the consent agenda may be approved by a single motion.

- Minutes of 10/02/2014 (Page 01)
- Bills List (Page 08)

**UNFINISHED BUSINESS**

None

## **NEW BUSINESS**

- A. Public Hearing. Amendment the Water System Relating to Meter Installation and Maintenance and Water Fees (Page 31)
- B. Bill No. 14-52. Amendment to Sections 705.250 and 705.310 Relating to Meter Installation and Maintenance and Water Fees. First and Second Readings (Page 33)
- C. Bill No. 14-56. Amendment to Ordinance 14.47, Sewer Development Charges. First and Second Readings (Page 35)
- D. Bill No. 14-57. Amendment to the Design Guidelines Regarding Water Connections. First and Second Readings (Page 39)
- E. Application for the Transportation Alternatives Program (TAP) Funds (Page 68)
- F. Authorize Purchase of VM Host and Backup Server (Page 70)
- G. Authorize Purchase of Four 911 Workstations (Page 75)

## **COMMUNICATIONS FROM MEMBERS OF THE BOARD OF ALDERMEN**

### **STAFF COMMUNICATIONS**

EXECUTIVE SESSION: Notice is given that the agenda includes a roll call vote to close the meeting as allowed by RSMo. Section 610.021(1), Legal actions, causes of action or litigation involving a public governmental body and any confidential or privileged communications between a public governmental body or its representatives and its attorneys, and RSMo. Section 610.021(2) Leasing, purchase, or sale of real estate by a public governmental body where public knowledge of the transaction might adversely affect the legal consideration therefore.

### **ADJOURN**

# UNAPPROVED

## MINUTES OF THE REGULAR MEETING OF THE BOARD OF ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI

October 2, 2014

The Board of Aldermen of the City of Osage Beach, Missouri, met to conduct a regular meeting on Thursday, October 2, 2014, at 6:30 p.m. at City Hall. The following were present: Mayor Penny Lyons, Alderman Steve Kahrs, Alderman Phyllis Marose, Alderman John Olivarri, Alderman Ron Schmitt, Alderman Kevin Rucker and Alderman Tom Walker. The City Clerk, Diann Warner, was present and performed the duties of that office.

### **Mayor's Communications.**

Mayor Lyons reported that several elected officials attended the dedication and grand opening of the Walter Sokoll Memorial Building and the Osage Beach Senior Center. It is a large facility that will be a great contribution to the citizens of the area. Mayor Lyons said not only will they provide meals; they also plan to hold many activities at the center. They have already planned a dance for this Saturday.

Mayor Lyons reported that she spent most of the morning at the Miller County Courthouse as Chairman of the Joint Sewer Board and heard testimony before Judge Connelly. Judge Connelly will take the testimony under advisement.

### **Citizens Communications.**

Joni Walden addressed the Board on the success of the Passport to the Parkway program. She expressed her appreciation to the City for their support and for the use of the electronic sign.

Representative Rocky Miller expressed his support of Resolution 2014-03 which is a proposed rule expanding the authority of the Army Corps of Engineers and the Environmental Protection Agency. The resolution opposes the expansion of the federal definition of waters of the United States to include non-navigable and storm water flows.

Representative Miller said there is also a proposed rule change regarding carbon dioxide which would also be disastrous. The proposed rule is an expansion of the Clean Water Act of 1970.

Representative Miller announced that on October 14, a public hearing will be held at City Hall in the board room to gather information on the Highway Patrol and Water Patrol merger. He said the committee had five hours of hearings yesterday and five members from the Water Patrol Division were questioned.

Jim Morris thanked everyone for purchasing raffle tickets for the television that was given away at the recent airshow in Camdenton.

### **Consent Agenda.**

Alderman Rucker moved to approve the consent agenda which includes minutes of the regular meeting held on September 18, 2014, and the bill list as submitted. Alderman Schmitt seconded the motion which was voted on and unanimously passed.

## UNAPPROVED

### Unfinished Business.

None

### New Business.

#### Public Hearing. Amendments to the Sewer Development Charges

Public Works Director Nick Edelman explained that the SDCs were created with estimated costs for various upgrades that were needed at the time. Over time, the City has completed these SDC projects. These projects vary from the 24" Sewer Bypass Force Main to upgrading LS 22-3 on Sunset.

The SDC project of upgrading LS 22-3 is complete and the original SDC was based upon an estimated value. Actual data is available and Mr. Edelman said he would like to update the Sewer Development Charge based upon this information. This project is in Benefit Area 4. The current SDC for this area is \$1,410 and the request is to increase the SDC for this area to \$1,457.

No one was present who wished to speak in favor of or in opposition to the amendments to the Sewer Development Charges.

Mayor Lyons closed the public hearing at 6:40 p.m.

**Bill No. 14-47.** AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING APPENDIX A OF SECTION 710.410: SEWER SYSTEM DEVELOPMENT CHARGE.

Mayor Lyons presented the first reading of Bill No. 14-47 by title only. It was noted that Bill No. 14-47 has been available for public review.

Alderman Olivarri moved to approve the first reading of Bill No. 14-47. Alderman Marose seconded the motion which was voted on and unanimously passed.

Mayor Lyons presented the second and final reading of Bill No. 14-47 by title only. Alderman Schmitt moved to approve the second and final reading of Bill No. 14-47 as presented. Alderman Walker seconded the motion. The following roll call vote was taken to approve the second reading of Bill No. 14-47 and to pass same into ordinance: "Ayes": Alderman Kahrs, Alderman Schmitt, Alderman Olivarri, Alderman Marose, Alderman Walker, Alderman Rucker. "Nays": None. Bill No. 14-47 was passed and approved as Ordinance No. 14.47.

**Bill No. 14-53.** AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT WITH UTILITY SOLUTIONS, LLC FOR MANHOLE REHABILITATION

Public Works Director Edelman explained bids were opened September 23, 2014 and the apparent low bidder was Utility Solutions, LLC with a bid of \$14,664.00. This project will repair six damaged manholes from Lift Station 53-1 to Dude Ranch Road.

## UNAPPROVED

Utility Solutions has not previously performed work for the City of Osage Beach but their references were contacted and the company received outstanding reviews. The Public Works Department recommended approval of Bill No. 14-53 for the award of this contract to Utility Solutions, LLC in the amount of \$14,664.00.

Mayor Lyons presented the first reading of Bill No. 14-53 by title only. It was noted that Bill No. 14-53 has been available for public review.

Alderman Olivarri moved to approve the first reading of Bill No. 14-53. Alderman Walker seconded the motion which was voted on and unanimously passed.

Mayor Lyons presented the second and final reading of Bill No. 14-53 by title only. Alderman Rucker moved to approve the second and final reading of Bill No. 14-53 as presented. Alderman Schmitt seconded the motion. The following roll call vote was taken to approve the second reading of Bill No. 14-53 and to pass same into ordinance: "Ayes": Alderman Schmitt, Alderman Olivarri, Alderman Marose, Alderman Walker, Alderman Rucker, Alderman Kahrs. "Nays": None. Bill No. 14-53 was passed and approved as Ordinance No. 14.53.

**Bill No. 14-54.** AN ORDINANCE APPROVING A SETTLEMENT AGREEMENT WITH CENTURY LINK AND OTHER DEFENDANTS IN CASE NO. 12SL-CC 01723, CIRCUIT COURT OF ST. LOUIS COUNTY AND ASSIGNING A PERCENTAGE OF THE SETTLEMENT PROCEEDS TO THE MISSOURI MUNICIPAL LEAGUE.

City Attorney Ed Rucker explained that Bill No. 14-54 approves a settlement agreement with CenturyLink and other defendants in Case No. 12SL-CC01723, Circuit Court of St. Louis County, Missouri and assigning a percentage of the proceeds to the Missouri Municipal League. He said this is much like the settlement agreements the City has seen in the last few years with communications companies.

Mayor Lyons presented the first reading of Bill No. 14-54 by title only. It was noted that Bill No. 14-54 has been available for public review.

Alderman Walker moved to approve the first reading of Bill No. 14-54. Alderman Rucker seconded the motion which was voted on and unanimously passed.

Mayor Lyons presented the second and final reading of Bill No. 14-54 by title only. Alderman Walker moved to approve the second and final reading of Bill No. 14-54. Alderman Schmitt seconded the motion. The following roll call vote was taken to approve the second reading of Bill No. 14-54 and to pass same into ordinance: "Ayes:" Alderman Walker, Alderman Rucker, Alderman Kahrs, Alderman Schmitt, Alderman Olivarri, Alderman Marose. "Nays": None. Bill No. 14-54 was passed and approved as Ordinance No. 14.54.

**Resolution 2014-03.** A resolution of the Board of Aldermen concerning the proposed expansion of the authority of the Army Corps of Engineers and Environmental Protection Agency and opposing the expansion of the federal definition of "waterways of the United States" to include non-navigable ditches and storm water flows.

## UNAPPROVED

City Attorney Rucker said the proposed new definition of the phrase “waterways of the United States” will expand the responsibility and authority of the Army Corps of Engineers and Environmental Protection Agency by adding non-navigable ditches and storm water flows in a new definition of the phrase “Waters of the United States” which is so broadly written that it may include privately or City maintained common roadside ditches and storm water channels. This will impact the ability of the City to perform normal maintenance of road ditches and could affect routine maintenance of municipal infrastructure. The rule should be redrafted to specifically exclude the roadside ditches and storm water channels that the City maintains today. If the Board desires to adopt the resolution, staff will prepare a letter to transmit with the resolution.

Discussion followed on the proposed EPA rules and Alderman Kahrs asked City Attorney Rucker to conduct research to determine where the proposed rules started. Mayor Lyons commented that rules like these are not unusual in California where even puddles cannot be disturbed.

Alderman Kahrs moved to approve Resolution 2014-03 as presented. Alderman Marose seconded the motion which was voted on and unanimously passed.

### **Authorization to Apply for Transportation Alternative Program Funds.**

Public Works Director Edelman explained that MoDOT has issued a Call for Projects for TAP Funding. This funding can be used for sidewalk improvements, trail construction, historic transportation facilities, scenic overlooks, and outdoor advertising management and bike lanes. He said he would like to apply for these funds for a sidewalk project that will be the Osage Beach Parkway Improvements Phase 4. Sidewalks from Passover Road to the One Way Couple and from State Route KK to Nichols Road have been upgraded. The next phase would be at a location near Arby’s easterly to Case Road where he hopes to improve the intersection with a pedestrian crossing because of the motels, attractions, and restaurants in this area. This would be a continuation of the current project.

The maximum amount of grant award for this project is \$500,000. This is an 80/20 grant which means the City will have to come up with the 20%. The City’s portion would be \$125,000. The design would be included in the 2015 budget with construction occurring in 2016.

Alderman Rucker moved to authorize Public Works Director Nick Edelman to apply for Transportation Alternative Program Funds as requested. Alderman Marose seconded the motion which was voted on and unanimously passed.

### **Bid Award.** Dragon House Demolition.

Public Works Director said bids were opened on September 18, 2014; however, MoDOT recommended all bids be rejected because the lowest and the second low bidder excluded asbestos removal. Bids for demolition will be solicited at a later date.

Alderman Kahrs moved to reject all bids as recommended. Alderman Schmitt seconded the motion which was voted on and unanimously passed.

## UNAPPROVED

### **Bid Award.** Deicing Salt.

Public Works Director Edelman explained the deicing salt was previously bid but no bids were received. Subsequently, several companies were contacted and they indicated they did not have the ability to supply salt. A potential bidder contacted the City and indicated they could supply the salt.

This was re-bid with the caveat that the City would accept all 600 tons of material by December 31<sup>st</sup> and the salt storage facility will hold an additional 600 tons of material. Bids were opened on September 25, 2014 and Kansas Salt was the only bidder in the amount of \$111/ton. Staff recommended the bid be awarded to Kansas Salt in the amount of \$66,600.

The account breakdown is as follows: 20-00-761600 - \$66,600.00

Alderman Rucker moved to award the bid for deicing salt to Kansas Salt in the amount of \$66,600 as recommended. Alderman Marose seconded the motion which was voted on and unanimously passed.

**Bill No 14-55.** AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING ORDINANCE NO. 13.75 ADOPTING THE 2014 ANNUAL BUDGET, TRANSFERRING APPROPRIATIONS FOR NECESSARY EXPENSES.

This budget amendment of \$46,191 is needed to purchase all proposed deicing salt for this winter season. We received only one bidder, and the terms were that we would purchase all of the salt this year. Public Works Director Edelman recommended approval.

Mayor Lyons presented the first reading of Bill No. 14-55 by title only. It was noted that Bill No. 14-55 has been available for public review.

Alderman Olivarri moved to approve the first reading of Bill No. 14-55. Alderman Schmitt seconded the motion which was voted on and unanimously passed.

Mayor Lyons presented the second and final reading of Bill No. 14-55 by title only. Alderman Olivarri moved to approve the second and final reading of Bill No. 14-55. Alderman Rucker seconded the motion. The following roll call vote was taken to approve the second reading of Bill No. 14-55 and to pass same into ordinance: "Ayes:" Alderman Rucker, Alderman Kahrs, Alderman Schmitt, Alderman Olivarri, Alderman Marose, Alderman Walker. "Nays": None. Bill No. 14-55 was passed and approved as Ordinance No. 14.55.

### **Remodel of Public Works Building.**

Public Works Director Nick Edelman said modifications to the Public Works Building was discussed at the April 15, Board of Aldermen meeting. It was presented to remodel the building to make a lobby concept and other improvements to improve safety and other benefits. We have recently been informed that Lee Schuman has decided to take a position elsewhere and this has emphasized the need for additional changes.

Mr. Edelman said he has been exploring the idea of moving all of the previous engineering department employees to the Public Works Facility but there is no office space available for them.

## UNAPPROVED

He is proposing to build offices upstairs for the engineering department employees. This will be included in the overall remodel of the Public Works Facilities.

Public Works Director Edelman gave the following benefits to relocating the department:

- 1) The design and maintenance staff works well when they are able to communicate issues or problems that are occurring.
- 2) It is easier to supervise employees when they are all under one roof.
- 3) We are looking at doing maintenance related projects in house with City Staff. For example – we are looking into budgeting for a pavement marking machine this year. This will allow the transportation employees to work on pavement markings instead of going out of house for it. Design time can be used on what needs to be marked but instead of going out for bids the design team can work with the Transportation Department on their needs. This will save design and inspection time.
- 4) It is easier to cross train employees when they work closely. There are times when additional inspection staff is needed for vacation or other activities. Sewer and Water Department employees can help cover inspection but they have to be trained before the work can occur.

Public Works Director Edelman said they had planned to include the design and construction activities for the Public Works Building in the 2015 Budget; however, with the changes in personnel he would like to start this process immediately. Once an architect is selected and a contract is negotiated, the contract will be brought to the Board. Alderman Rucker said he is in favor of proceeding with the remodel and he believes there is a benefit of having employees in one place. Alderman Kahrs said he favors some renovations to make it comfortable and safe for employees but he would like to know the costs before proceeding.

Alderman Kahrs moved to ask for two proposals; one for the original plan and the second for the additional work to expand the office space at the Public Works Facility. Alderman Marose seconded the motion which was voted on and unanimously passed.

### **Communication from Board Members.**

Alderman Kahrs. Steve Kahrs asked for an update on the connecting road on Nichols Road. Public Works Director Edelman said the draft budget includes different projects for the Board to discuss. Alderman Kahrs asked Mr. Edelman to contact MoDOT to see what they plan to do about the dead trees. He added that the trees are unsightly and they could fall into the right of way.

Alderman Rucker. Kevin Rucker said he was involved in emergency services and he has worked with the Water Patrol in the past and he supported improving the Water Patrol Division. Alderman Rucker questioned the business on the other side of town that was selling mulch that now has U-Hauls on the property. Mayor Lyons responded that City Planner Cary Patterson assured her that the use was acceptable. Building Official Ron White said the U- Haul business must have appropriate facilities if they operate in that location for more than 180 days.

## UNAPPROVED

### **Staff Communications.**

Police Department. Lieutenant Tim Taylor reported that Joel Shelton was promoted to Sergeant and Michael Hutzler and Travis Morley were promoted to Senior Officers. He reported that over \$3,200 was raised at the golf tournament for Special Police Projects.

City Treasurer. Karri Bell updated the Board on the purchasing card program. The bank sent a contract; however, there are liability issues that cannot be resolved. The bank said that a different contract would not be available until July 2015. City Treasurer Bell said the City could wait for a new contract in July 2015 or execute the current contract and proceed. City Attorney Ed Rucker said the program sounds great if it is accurately described but there are liability issues and he did not like the risk to the City.

There being no further business to come before the Board, the meeting adjourned at 8:05 p.m.

I, Diann Warner, City Clerk of the City of Osage Beach, Missouri, do hereby certify that the above foregoing is a true and complete journal of proceedings of the regular meeting of the Board of Aldermen of the City of Osage Beach, Missouri, held on October 2, 2014.

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Diann Warner, City Clerk

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Penny Lyons, Mayor

**CITY OF OSAGE BEACH  
BILLS LIST  
October 16, 2014**

<b>Bills Paid Prior to Board Meeting</b>	<b>217,894.00</b>
<b>Payroll Paid Prior to Board Meeting</b>	<b>118,930.02</b>
<b>SRF Transfer Prior to Board Meeting</b>	<b>0.00</b>
<b>TIF Transfer Prewitt's Pt</b>	<b>0.00</b>
<b>TIF Transfer Dierbergs</b>	<b>0.00</b>
<b>Bills Pending Board Approval</b>	<b>171,129.07</b>
<b>Total Expenses</b>	<b><u>507,953.09</u></b>

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	General Fund	MIDWEST PUBLIC RISK	ADJUST PR DEDUCTIONS	2,095.62
			ADJUST PR DEDUCTIONS	255.83
			ADJUST PR DEDUCTIONS	40.39
			Dental Insurance Premiums	557.48
			Dental Insurance Premiums	547.34
			Health Insurance Premium	47.32
			Health Insurance Premium	47.32
			Health Insurance Contribut	674.50
			Health Insurance Contribut	646.10
			Health Insurance Contribut	420.00
			Health Insurance Contribut	420.00
			Vision Insurance Contribut	112.98
			Vision Insurance Contribut	108.68
			Vision Insurance Contribut	16.92
			Vision Insurance Contribut	18.80
			Vision Insurance Contribut	64.09
			Vision Insurance Contribut	64.09
		MO DEPT OF REVENUE	SEP CVC COLLECTIONS	998.20
		FAMILY SUPPORT PAYMENT CENTER	Case #81106219	225.00
			Case #31550944	138.46
		MO DEPT OF REVENUE	State Withholding	3,406.00
		MO TREASURER BUDGET DIRECTOR	OFFICER STANDARDS/TRAINING	144.00
		INTERNAL REVENUE SERVICE	Fed WH	11,087.78
			FICA	6,561.27
			Medicare	1,534.43
		PRE PAID LEGAL SERVICES INC DBA	Pre-Paid Legal Premiums	24.90
			Pre-Paid Legal Premiums	24.90
		ICMA	Retirment 457 &	268.84
			Retirement 457	870.00
			Loan Repayments	647.75
			Loan Repayments	449.16
			Loan Repayments	404.26
			Loan Repayments	104.69
			Loan Repayments	312.18
			Loan Repayments	487.29
			Loan Repayments	298.81
			Loan Repayments	372.42
			Loan Repayments	238.51
			Retirment Roth IRA %	58.41
			Retirement Roth IRA	340.00
		COLONIAL LIFE & ACCIDENT	ADJUST PR DEDUCTIONS	0.01-
			Colonial Supplemental Insu	30.86
			Colonial Supplemental Insu	30.86
		AFLAC	Aflac Insurance Premiums	104.24
			Aflac Insurance Premiums	104.24
		CITIZENS AGAINST DOMESTIC VIOLENCE	SEP CADV COLLECTIONS	544.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	1,362.57
			American Fidelity	1,347.35
			Amerian Fidelity	995.24
			Amerian Fidelity	988.37
			ADJUST PAYROLL DEDUCTIONS	323.10-
		THE LINCOLN NATIONAL LIFE INSURANCE CO	ADJUST PAYROLL DEDUCTIONS	617.01
			ADJUST PAYROLL DEDUCTIONS	98.31
			Group Life Ins and Buy Up	37.60
			Group Life Ins and Buy Up	37.60
		JP MORGAN CHASE BANK	HSA Contribution	75.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			HSA Family/Dep. Contributi	1,410.00
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	ADJUST PAYROLL DEDUCTIONS	332.42
		TEXAS LIFE INSURANCE CO	ADJUST PR DEDUCTIONS	0.03-
			Texas Life After Tax	103.81
			Texas Life After Tax	103.81
		ONE TIME VENDOR	Cash Refund:319 -01	39.50
			Bond Refund:313 -01	250.00
			Bond Refund:313 -01	200.00
			Bond Refund:0064 -01	350.00
			Bond Refund:121298121-01	80.00
			Bond Refund:121297654-01	200.00
			TOTAL:	44,254.37
Mayor & Board	General Fund	LAKE AREA CHAMBER OF COMMERCE	MAYOR & BOARD	400.00
		OLIVARRI, JOHN	MML MEALS & MILEAGE REIMB	252.04
		RUCKER, KEVIN	MML MEALS & MILEAGE REIMB	215.93
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	Flex Account	104.20
		SCHMITT, RON	MML MILEAGE REIMB	178.64
		MAROSE, PHYLLIS	MML MILEAGE & MEAL REIMB	187.40
		WALKER, THOMAS	MML MEALS & MILEAGE REIMB	213.72
			TOTAL:	1,551.93
City Administrator	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	59.52
			Dental Insurance Premiums	59.52
			Health Insurance Contribut	513.62
			Health Insurance Contribut	513.62
			Health Insurance Contribut	443.17
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	7.54
			Vision Insurance Contribut	7.54
		INTERNAL REVENUE SERVICE	FICA	440.79
			Medicare	103.08
		ICMA	Retirement 401	442.90
		AT & T MOBILITY-CELLS	CITY ADMIN CELL PHONE	41.12
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	22.90
			Group Life Ins and Buy Up	22.90
			Short Term Disability Ins	16.40
			Short Term Disability Ins	16.40
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	150.00
			TOTAL:	3,304.19
City Clerk	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	109.86
			Dental Insurance Premiums	109.86
			Health Insurance Contribut	355.12
			Health Insurance Contribut	355.12
			Health Insurance Contribut	1,329.51
			Health Insurance Contribut	1,329.51
			Vision Insurance Contribut	3.73
			Vision Insurance Contribut	3.73
			Vision Insurance Contribut	11.31
			Vision Insurance Contribut	11.31
		INTERNATIONAL INSTITUTE OF MUNICIPAL CL	ANNUAL MEMBERSHIP FEE	85.00
		INTERNAL REVENUE SERVICE	FICA	381.25
			Medicare	89.16
		ICMA	Retirement 401	381.82
		URLICKS, DOROTHY	MILEAGE & MEALS MOCCFOA	284.80

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	20.43
			Group Life Ins and Buy Up	20.43
			Short Term Disability Ins	7.95
			Short Term Disability Ins	7.95
			Short Term Disability Ins	22.07
			Short Term Disability Ins	22.07
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	276.85
			TOTAL:	5,218.84
City Treasurer	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	59.52
			Dental Insurance Premiums	59.52
			Dental Insurance Premium	17.08
			Dental Insurance Premium	17.08
			Health Insurance Contribut	1,027.24
			Health Insurance Contribut	1,027.24
			Health Insurance Contribut	443.17
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	10.78
			Vision Insurance Contribut	10.78
			Vision Insurance Contribut	3.77
			Vision Insurance Contribut	3.77
		INTERNAL REVENUE SERVICE	FICA	488.44
			Medicare	114.23
		ICMA	Retirement 401	482.58
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	30.07
			Group Life Ins and Buy Up	30.07
			Short Term Disability Ins	32.80
			Short Term Disability Ins	32.80
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	225.00
			TOTAL:	4,559.11
City Attorney	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	29.76
			Dental Insurance Premiums	29.76
			Health Insurance Contribut	513.62
			Health Insurance Contribut	513.62
			Vision Insurance Contribut	5.39
			Vision Insurance Contribut	5.39
		INTERNAL REVENUE SERVICE	FICA	300.15
			Medicare	70.20
		ICMA	Retirement 401	293.68
		RUCKER, EDWARD	MML MILEAGE REIMB	179.67
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	14.97
			Group Life Ins and Buy Up	14.97
			Short Term Disability Ins	8.20
			Short Term Disability Ins	8.20
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	75.00
			TOTAL:	2,062.58
Building Inspection	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	89.28
			Dental Insurance Premiums	89.28
			Health Insurance Contribut	1,540.86
			Health Insurance Contribut	1,540.86
			Vision Insurance Contribut	16.17
			Vision Insurance Contribut	16.17
		INTERNAL REVENUE SERVICE	FICA	329.25
			Medicare	77.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		ICMA	Retirement 401	329.76
		AT & T MOBILITY-CELLS	BLDG DEPT CELL PHONE	66.75
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	21.15
			Group Life Ins and Buy Up	21.15
			Short Term Disability Ins	24.60
			Short Term Disability Ins	24.60
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	225.00
			TOTAL:	4,411.88
Building Maintenance	General Fund	ALLIED WASTE SERVICES #435	CITY HALL TRASH SERVICE	119.65
			TOTAL:	119.65
Parks	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	62.05
			Dental Insurance Premiums	37.15
			Dental Insurance Premium	17.08
			Dental Insurance Premium	17.08
			Health Insurance Contribut	199.58
			Health Insurance Contribut	199.58
			Health Insurance Contribut	513.62
			Health Insurance Contribut	102.72
			Health Insurance Contribut	443.17
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	10.78
			Vision Insurance Contribut	6.47
			Vision Insurance Contribut	1.89
			Vision Insurance Contribut	1.89
		ALLIED WASTE SERVICES #435	SEP TRASH SERVICE	45.62
		AMEREN MISSOURI	FISH HATCHERY RD MAINT BLD	29.21
			CITY PARK #2 DISPLAY C	9.79
			FISH HATCHERY RD SOCCER FL	22.81
			CITY PARK #2 DISPLAY D	9.79
			FISH HATCHERY RD BALL FLDS	385.96
			CITY PARK #2 DISPLAY B	10.87
			CITY PARK #2 DISPLAY A	9.79
			CITY PARK #2 IRRIGATION PU	10.12
		INTERNAL REVENUE SERVICE	FICA	348.51
			Medicare	81.51
		KNAPHEIDE TRUCK INC	SNOW PLOW	4,923.00
		ICMA	Retirement 401	277.78
		DIVERSIFIED METAL FABRICATORS	FLOOD DAMAGE, PICNIC TABLE	4,516.24
		AT & T MOBILITY-CELLS	PARK CELL PHONE	41.12
		AMERICAN FIDELITY ASSURANCE COMPANY	Amerian Fidelity	0.85
			Amerian Fidelity	0.48
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	17.82
			Group Life Ins and Buy Up	12.57
			Short Term Disability Ins	25.30
			Short Term Disability Ins	18.44
		JP MORGAN CHASE BANK	HSA Contribution	37.50
			HSA Family/Dep. Contributi	75.00
		DANIEL W BUSCHHORN DBA	ICE MACHINE	3,995.00
		P.D.Q. MARINE SERVICES	REPLACE FLOOD CLAIM BOAT	3,220.00
			TOTAL:	20,181.31
Human Resources	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	29.76
			Dental Insurance Premiums	29.76
			Health Insurance Contribut	443.17

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	3.77
			Vision Insurance Contribut	3.77
		INTERNAL REVENUE SERVICE	FICA	125.68
			Medicare	29.39
		ICMA	Retirement 401	125.07
		KRISTINA PRICE DBA	MESSAGES	240.00
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	7.49
			Group Life Ins and Buy Up	7.49
			Short Term Disability Ins	8.20
			Short Term Disability Ins	8.20
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	75.00
		ONE TIME VENDOR SKINNER, RENEE	MASSAGES	240.00
			TOTAL:	1,819.92
Overhead	General Fund	CHARTER BUSINESS	OCT SERVICE	91.35
			TOTAL:	91.35
Police	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	595.20
			Dental Insurance Premiums	595.20
			Dental Insurance Premium	102.48
			Dental Insurance Premium	102.48
			Health Insurance Contribu	284.39
			Health Insurance Contribu	284.39
			Health Insurance Contribut	1,197.48
			Health Insurance Contribut	1,197.48
			Health Insurance Contribut	4,108.96
			Health Insurance Contribut	4,108.96
			Health Insurance Contribut	4,431.70
			Health Insurance Contribut	4,431.70
			Vision Insurance Contribut	48.51
			Vision Insurance Contribut	48.51
			Vision Insurance Contribut	9.45
			Vision Insurance Contribut	9.45
			Vision Insurance Contribut	33.93
			Vision Insurance Contribut	33.93
		INTERNAL REVENUE SERVICE	FICA	2,815.68
			Medicare	658.48
		PETTY CASH	MO KIDS 1ST CERT	10.00
		ICMA	Retirement 401	2,734.96
		AT & T MOBILITY-CELLS	POLICE DEPT CELL PHONES	24.25
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	10.42
			American Fidelity	10.42
			Amerian Fidelity	10.42
			Amerian Fidelity	10.42
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	147.11
			Group Life Ins and Buy Up	147.11
			Short Term Disability Ins	196.80
			Short Term Disability Ins	196.80
		JP MORGAN CHASE BANK	HSA Contribution	187.50
			HSA Family/Dep. Contributi	1,200.00
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	Flex Account	10.42
			Flex Account	10.42
			TOTAL:	30,005.41
911 Center	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	187.74

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Dental Insurance Premiums	187.74
			Dental Insurance Premium	17.08
			Health Insurance Contribut	199.58
			Health Insurance Contribut	672.12
			Health Insurance Contribut	672.12
			Health Insurance Contribut	1,772.68
			Health Insurance Contribut	1,772.68
			Vision Insurance Contribut	17.83
			Vision Insurance Contribut	17.83
			Vision Insurance Contribut	1.89
			Vision Insurance Contribut	3.78
			Vision Insurance Contribut	3.77
			Vision Insurance Contribut	3.77
		AT & T/CITY HALL	E911 SERV 09/23-10/22/14	1,332.82
		INTERNAL REVENUE SERVICE	FICA	696.90
			Medicare	162.96
		ICMA	Retirement 401	705.89
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	10.42
			American Fidelity	10.42
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	39.61
			Group Life Ins and Buy Up	44.01
			Short Term Disability Ins	16.58
			Short Term Disability Ins	16.58
			Short Term Disability Ins	35.33
			Short Term Disability Ins	43.53
		JP MORGAN CHASE BANK	HSA Contribution	75.00
			HSA Family/Dep. Contributi	323.15
			TOTAL:	9,043.81
Planning	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	56.99
			Dental Insurance Premiums	58.08
			Health Insurance Contribut	513.62
			Health Insurance Contribut	513.62
		INTERNAL REVENUE SERVICE	FICA	259.68
			Medicare	60.73
		ICMA	Retirement 401	254.95
		AT & T MOBILITY-CELLS	PLANNER CELL PHONE	26.34
		AMERICAN FIDELITY ASSURANCE COMPANY	Amerian Fidelity	9.10
			Amerian Fidelity	9.47
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	14.23
			Group Life Ins and Buy Up	14.46
			Short Term Disability Ins	15.70
			Short Term Disability Ins	16.00
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	75.00
			TOTAL:	1,897.97
Information Technology	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	29.76
			Dental Insurance Premiums	29.76
			Dental Insurance Premium	17.08
			Dental Insurance Premium	17.08
			Health Insurance Premium	237.08
			Health Insurance Premium	237.08
			Health Insurance Contribut	199.58
			Health Insurance Contribut	199.58
			Vision Insurance Contribut	3.78
			Vision Insurance Contribut	3.78

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		INTERNAL REVENUE SERVICE	FICA	374.94
			Medicare	87.69
		ICMA	Retirement 401	363.83
		AT&T INTERNET/IP SERVICES	SERVICE 09/19/14-10/18/14	853.56
		AT & T /EMSGTWY_SBC	AUG SERVICES	141.07
		CHARTER BUSINESS	OCT SERVICE	200.00
		AT & T MOBILITY-CELLS	SERVICE 08/13-09/12/14	0.64
			POLICE LAPTOPS	81.20
			IT DEPT CELL PHONE	107.87
		VERIZON WIRELESS	SERVICE 09/22-10/21/14	80.02
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	15.63
			Group Life Ins and Buy Up	15.63
			Short Term Disability Ins	16.40
			Short Term Disability Ins	16.40
		JP MORGAN CHASE BANK	HSA Contribution	37.50
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	Flex Account	10.42
			Flex Account	10.42
			TOTAL:	3,387.78
NON-DEPARTMENTAL	Transportation	MIDWEST PUBLIC RISK	Dental Insurance Premiums	88.69
			Dental Insurance Premiums	88.69
			Health Insurance Premium	47.32
			Health Insurance Premium	47.32
			Health Insurance Contribut	70.98
			Health Insurance Contribut	70.98
			Health Insurance Contribut	53.40
			Health Insurance Contribut	53.40
			Health Insurance Premiums	135.48
			Health Insurance Premiums	135.48
			Vision Insurance Contribut	3.54
			Vision Insurance Contribut	3.54
			Vision Insurance Contribut	4.33
			Vision Insurance Contribut	4.33
			Vision Insurance Contribut	21.16
			Vision Insurance Contribut	21.16
		MO DEPT OF REVENUE	State Withholding	478.45
		INTERNAL REVENUE SERVICE	Fed WH	1,331.39
			FICA	949.17
			Medicare	221.97
		ICMA	Retirement 457	175.73
			Loan Repayments	100.31
			Loan Repayments	60.91
			Loan Repayments	16.89
			Loan Repayments	16.89
			Retirement Roth IRA	16.75
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	67.12
			American Fidelity	67.12
			Amerian Fidelity	99.87
			Amerian Fidelity	99.87
		JP MORGAN CHASE BANK	HSA Contribution	20.00
			HSA Family/Dep. Contributi	42.16
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	7.43
			Texas Life After Tax	7.43
			TOTAL:	4,629.26
Transportation	Transportation	MIDWEST PUBLIC RISK	Dental Insurance Premiums	208.32

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Dental Insurance Premiums	208.32
			Dental Insurance Premium	56.36
			Dental Insurance Premium	56.36
			Health Insurance Contribu	93.85
			Health Insurance Contribu	93.85
			Health Insurance Premium	237.08
			Health Insurance Premium	237.08
			Health Insurance Contribut	459.03
			Health Insurance Contribut	459.03
			Health Insurance Contribut	1,027.23
			Health Insurance Contribut	1,027.23
			Health Insurance Contribut	1,183.26
			Health Insurance Contribut	1,183.26
			Health Insurance Premiums	518.17
			Health Insurance Premiums	518.17
			Vision Insurance Contribut	3.56
			Vision Insurance Contribut	3.56
			Vision Insurance Contribut	4.35
			Vision Insurance Contribut	4.35
			Vision Insurance Contribut	21.16
			Vision Insurance Contribut	21.16
		AMEREN MISSOURI	STREET LIGHTS	3,691.24
			STREET LIGHTS	1,424.57
		ALLIED WASTE SERVICES #435	TRASH SERVICES STREET DEPT	39.88
		ALTON, PHILLIP	WORK BOOT REIMB	37.67
		AMEREN MISSOURI	PALISADES COMMON	110.13
			KETTERLIN IN PK FEEDER	291.17
		HAYES, DAVE	APWA WORKSHIP MEALS	35.00
		WATERMAN, RANDY	APWA WORKSHOP MEALS	35.00
		INTERNAL REVENUE SERVICE	FICA	949.17
			Medicare	221.98
		ICMA	Retirement 401	947.21
		AT & T	LINE BREAK	452.69
		AT & T MOBILITY-CELLS	TRANS DEPT CELL PHONES	68.56
		KEEPING CONDOS CLEAN	TRANS JANITORIAL SERV	97.22
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	16.67
			American Fidelity	16.67
			Amerian Fidelity	3.44
			Amerian Fidelity	3.44
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	60.88
			Group Life Ins and Buy Up	60.88
			Short Term Disability Ins	2.60
			Short Term Disability Ins	2.60
			Short Term Disability Ins	86.60
			Short Term Disability Ins	86.60
		JP MORGAN CHASE BANK	HSA Contribution	86.25
			HSA Family/Dep. Contributi	350.25
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	Flex Account	20.84
			Flex Account	20.84
		HIBDON, ERIC	APWA WORKSHOP MEALS	35.00
			TOTAL:	16,879.79
NON-DEPARTMENTAL	Water Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	48.39
			Dental Insurance Premiums	58.53
			Health Insurance Contribut	52.91
			Health Insurance Contribut	81.31

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Health Insurance Contribut	40.00
			Health Insurance Contribut	40.00
			Vision Insurance Contribut	6.25
			Vision Insurance Contribut	10.55
			Vision Insurance Contribut	0.56
			Vision Insurance Contribut	0.56
			Vision Insurance Contribut	8.78
			Vision Insurance Contribut	8.78
		MO DEPT OF REVENUE	State Withholding	253.72
		INTERNAL REVENUE SERVICE	Fed WH	817.20
			FICA	560.36
			Medicare	131.05
		ICMA	Retirement 457	76.30
			Loan Repayments	50.13
			Loan Repayments	130.16
			Loan Repayments	68.06
			Loan Repayments	103.62
			Retirement Roth IRA	26.50
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	57.11
			American Fidelity	85.72
			Amerian Fidelity	66.16
			Amerian Fidelity	86.08
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	51.91
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	40.69
			Texas Life After Tax	40.69
		ONE TIME VENDOR	01-4490-01	13.64
			04-0600-00	43.58
			04-0600-02	6.42
			TOTAL:	3,065.72
Water	Water Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	113.68
			Dental Insurance Premiums	137.49
			Dental Insurance Premium	22.20
			Dental Insurance Premium	22.20
			Health Insurance Contribu	93.85
			Health Insurance Contribu	93.85
			Health Insurance Contribut	259.45
			Health Insurance Contribut	259.45
			Health Insurance Contribut	765.28
			Health Insurance Contribut	1,176.17
			Health Insurance Contribut	886.34
			Health Insurance Contribut	886.34
			Vision Insurance Contribut	6.26
			Vision Insurance Contribut	10.57
			Vision Insurance Contribut	0.57
			Vision Insurance Contribut	0.57
			Vision Insurance Contribut	8.78
			Vision Insurance Contribut	8.78
		AMEREN MISSOURI	WELL #2 LK RD 54*59	416.95
			SWISS VILLAGE WELL	2,500.79
		ALLIED WASTE SERVICES #435	TRASH SERVICES WATER DEPT	39.88
		ALTON, PHILLIP	WORK BOOT REIMB	37.66
		AMEREN MISSOURI	KETTERLIN IN PK FEEDER	291.17
		RICHARDS, RON	MILEAGE REIMB 09/24-10/01/	45.69
		INTERNAL REVENUE SERVICE	FICA	560.37
			Medicare	131.06

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		ICMA	Retirement 401	560.38
		DUNHAM, LOYD	WORK BOOT REIMB	86.85
		CARD SERVICES 4091	ROB, CHRIS, NATHAN, TREY	21.99
		AT & T MOBILITY-CELLS	WATER DEPT CELL PHONES	137.62
		KEEPING CONDOS CLEAN	WATER JANITORIAL SERV	97.22
		AMERICAN FIDELITY ASSURANCE COMPANY	Amerian Fidelity	3.44
			Amerian Fidelity	3.44
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	29.86
			Group Life Ins and Buy Up	34.88
			Short Term Disability Ins	2.52
			Short Term Disability Ins	2.52
			Short Term Disability Ins	31.09
			Short Term Disability Ins	37.65
		JP MORGAN CHASE BANK	HSA Contribution	48.75
			HSA Family/Dep. Contributi	336.75
			TOTAL:	10,210.36
NON-DEPARTMENTAL	Sewer Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	78.31
			Dental Insurance Premiums	78.31
			Health Insurance Contribut	89.11
			Health Insurance Contribut	89.11
			Health Insurance Contribut	46.60
			Health Insurance Contribut	46.60
			Vision Insurance Contribut	11.73
			Vision Insurance Contribut	11.73
			Vision Insurance Contribut	4.51
			Vision Insurance Contribut	4.51
			Vision Insurance Contribut	11.53
			Vision Insurance Contribut	11.53
		MO DEPT OF REVENUE	State Withholding	351.83
		INTERNAL REVENUE SERVICE	Fed WH	1,148.64
			FICA	819.16
			Medicare	191.58
		ICMA	Retirment 457 &	86.47
			Retirement 457	121.16
			Loan Repayments	93.41
			Loan Repayments	21.11
			Loan Repayments	42.21
			Retirement Roth IRA	16.75
		CAMDEN COUNTY RECORDER OF DEEDS	LIEN RELEASE	25.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	150.81
			American Fidelity	150.81
			Amerian Fidelity	43.28
			Amerian Fidelity	43.28
		JP MORGAN CHASE BANK	HSA Contribution	25.00
			HSA Family/Dep. Contributi	42.93
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	7.21
			Texas Life After Tax	7.21
			TOTAL:	3,871.43
Sewer	Sewer Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	183.92
			Dental Insurance Premiums	183.92
			Dental Insurance Premium	41.00
			Dental Insurance Premium	41.00
			Health Insurance Contribu	96.69
			Health Insurance Contribu	96.69

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Health Insurance Contribut	479.00
			Health Insurance Contribut	479.00
			Health Insurance Contribut	1,289.21
			Health Insurance Contribut	1,289.22
			Health Insurance Contribut	1,032.59
			Health Insurance Contribut	1,032.59
			Vision Insurance Contribut	11.74
			Vision Insurance Contribut	11.74
			Vision Insurance Contribut	4.53
			Vision Insurance Contribut	4.53
			Vision Insurance Contribut	11.53
			Vision Insurance Contribut	11.53
		AMEREN MISSOURI	GRINDER PUMPS & LIFT STATI	2,747.71
			GRINDER PUMPS & LIFT STATI	4,208.90
			GRINDER PUMPS & LIFT STATI	6,679.92
			GRINDER PUMPS & LIFT STATI	5,843.54
		ALLIED WASTE SERVICES #435	TRASH SERVICES SEWER DEPT	39.89
		ALTON, PHILLIP	WORK BOOT REIMB	37.66
		AMEREN MISSOURI	709 MALIBU RD 2ND METER	51.12
			KETTERLIN IN PK FEEDER	291.17
		INTERNAL REVENUE SERVICE	FICA	819.15
			Medicare	191.56
		ICMA	Retirement 401	812.72
		DUNHAM, LOYD	WORK BOOT REIMB	86.85
		PEDROLA, TOM	MILEAGE REIMB 09/24-10/01/	33.82
		CARD SERVICES 4091	ROB, CHRIS, NATHAN, TREY	215.95
		AT & T MOBILITY-CELLS	SEWER DEPT CELL PHONES	178.66
		KEEPING CONDOS CLEAN	SEWER JANITORIAL SERV	97.22
		EARP, NATHAN	MILEAGE REIMB 10/01-10/07/	67.20
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	14.59
			American Fidelity	14.59
			Amerian Fidelity	3.54
			Amerian Fidelity	3.54
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	49.60
			Group Life Ins and Buy Up	49.60
			Short Term Disability Ins	2.53
			Short Term Disability Ins	2.53
			Short Term Disability Ins	70.91
			Short Term Disability Ins	70.91
		JP MORGAN CHASE BANK	HSA Contribution	90.00
			HSA Family/Dep. Contributi	438.00
		NEIMAN, ROB	MILEAGE REIMB 09/17-09/24/	34.50
			TOTAL:	29,548.31
NON-DEPARTMENTAL	Ambulance Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	50.68
			Dental Insurance Premiums	50.68
			Health Insurance Contribut	35.50
			Health Insurance Contribut	35.50
			Health Insurance Contribut	40.00
			Health Insurance Contribut	40.00
			Vision Insurance Contribut	5.38
			Vision Insurance Contribut	5.38
			Vision Insurance Contribut	1.88
			Vision Insurance Contribut	1.88
			Vision Insurance Contribut	11.31
			Vision Insurance Contribut	11.31

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		MO DEPT OF REVENUE	State Withholding	430.00
		INTERNAL REVENUE SERVICE	Fed WH	1,119.71
			FICA	823.78
			Medicare	192.67
		PRE PAID LEGAL SERVICES INC DBA	Pre-Paid Legal Premiums	16.95
			Pre-Paid Legal Premiums	16.95
		ICMA	Loan Repayments	39.66
			Loan Repayments	58.83
		AFLAC	Aflac Insurance Premiums	18.70
			Aflac Insurance Premiums	18.70
		AFLAC GROUP INSURANCE	Aflac Critical Illness Pol	2.93
			Aflac Critical Illness Pol	2.93
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	88.67
			American Fidelity	88.67
			Amerian Fidelity	181.45
			Amerian Fidelity	181.45
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	62.20
			Group Life Ins and Buy Up	62.20
		JP MORGAN CHASE BANK	HSA Contribution	25.00
			HSA Family/Dep. Contributi	41.67
		ONE TIME VENDOR MO HEALTHNET DIV	DOS 01/14/14	362.29
			TOTAL:	4,124.91
Ambulance	Ambulance Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	119.04
			Dental Insurance Premiums	119.04
			Dental Insurance Premium	17.08
			Dental Insurance Premium	17.08
			Health Insurance Contribut	199.58
			Health Insurance Contribut	199.58
			Health Insurance Contribut	513.62
			Health Insurance Contribut	513.62
			Health Insurance Contribut	886.34
			Health Insurance Contribut	886.34
			Vision Insurance Contribut	5.39
			Vision Insurance Contribut	5.39
			Vision Insurance Contribut	1.89
			Vision Insurance Contribut	1.89
			Vision Insurance Contribut	11.31
			Vision Insurance Contribut	11.31
		INTERNAL REVENUE SERVICE	FICA	823.78
			Medicare	192.67
		ICMA	Retirement 401	545.98
		AT & T MOBILITY-CELLS	AMB DEPT CELL PHONES	81.20
		AMBULANCE REIMBURSEMENT SYSTEMS INC	SEP AMBULANCE BILLING FEES	1,014.43
		AFLAC GROUP INSURANCE	Aflac Critical Illness Pol	10.42
			Aflac Critical Illness Pol	10.42
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	37.46
			Group Life Ins and Buy Up	37.46
			Short Term Disability Ins	8.26
			Short Term Disability Ins	8.26
			Short Term Disability Ins	32.80
			Short Term Disability Ins	32.80
		JP MORGAN CHASE BANK	HSA Contribution	37.50
			HSA Family/Dep. Contributi	150.00
			TOTAL:	6,531.94

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	Lee C. Fine Airpor	MIDWEST PUBLIC RISK	Dental Insurance Premiums	32.94
			Dental Insurance Premiums	32.94
			Health Insurance Contribut	35.50
			Health Insurance Contribut	35.50
			Health Insurance Contribut	20.00
			Health Insurance Contribut	20.00
			Vision Insurance Contribut	10.76
			Vision Insurance Contribut	10.76
			Vision Insurance Contribut	3.01
			Vision Insurance Contribut	3.01
		MO DEPT OF REVENUE	State Withholding	49.98
		INTERNAL REVENUE SERVICE	Fed WH	163.51
			FICA	194.60
			Medicare	45.52
		ICMA	Retirement 457	44.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	11.58
			American Fidelity	11.58
			Amerian Fidelity	24.90
			Amerian Fidelity	24.90
			TOTAL:	774.99
Lee C. Fine Airport	Lee C. Fine Airpor	MIDWEST PUBLIC RISK	Dental Insurance Premiums	77.38
			Dental Insurance Premiums	77.38
			Health Insurance Contribut	119.75
			Health Insurance Contribut	119.75
			Health Insurance Contribut	513.62
			Health Insurance Contribut	513.62
			Health Insurance Contribut	443.17
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	10.78
			Vision Insurance Contribut	10.78
			Vision Insurance Contribut	3.02
			Vision Insurance Contribut	3.02
		ALLIED WASTE SERVICES #435	LCF AIRPORT TRASH SERVICE	57.86
		AMEREN MISSOURI	LO STATE PARK LOCALZR	41.23
			AIRPORT FIREHOUSE	32.07
		INTERNAL REVENUE SERVICE	FICA	194.60
			Medicare	45.52
		ICMA	Retirement 401	174.72
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	10.42
			American Fidelity	10.42
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	10.86
			Group Life Ins and Buy Up	10.86
			Short Term Disability Ins	4.62
			Short Term Disability Ins	4.62
			Short Term Disability Ins	16.40
			Short Term Disability Ins	16.40
		JP MORGAN CHASE BANK	HSA Family/Dep. Contributi	120.00
			TOTAL:	3,086.04
NON-DEPARTMENTAL	Grand Glaize Airpo	MIDWEST PUBLIC RISK	Dental Insurance Premiums	17.74
			Dental Insurance Premiums	17.74
			Health Insurance Contribut	20.00
			Health Insurance Contribut	20.00
			Vision Insurance Contribut	2.63
			Vision Insurance Contribut	2.63

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Vision Insurance Contribut	3.77
			Vision Insurance Contribut	3.77
		MO DEPT OF REVENUE	State Withholding	59.02
		INTERNAL REVENUE SERVICE	Fed WH	203.47
			FICA	164.02
			Medicare	38.36
			TOTAL:	553.15
Grand Glaize Airport	Grand Glaize Airpo	CITY OF OSAGE BEACH	GG AIRPORTSEPT UTILITIES	34.44
		MIDWEST PUBLIC RISK	Dental Insurance Premiums	41.66
			Dental Insurance Premiums	41.66
			Dental Insurance Premium	17.08
			Dental Insurance Premium	17.08
			Health Insurance Contribut	279.41
			Health Insurance Contribut	279.41
			Health Insurance Contribut	443.17
			Health Insurance Contribut	443.17
			Vision Insurance Contribut	2.65
			Vision Insurance Contribut	2.65
			Vision Insurance Contribut	3.77
			Vision Insurance Contribut	3.77
		ALLIED WASTE SERVICES #435	GG AIRPORT TRASH SERVICE	57.86
		AMEREN MISSOURI	GG AIRPORT HANGAR	29.96
			AIRPORT RD	215.64
			GG AIRPORT SHOP	15.58
			957 AIRPORT RD	10.13
			TBLC EXT D GG AIRPORT	16.60
			GG AIRPORT HANGAR	24.33
			GG AIRPORT SLEEPY	9.79
		INTERNAL REVENUE SERVICE	FICA	164.02
			Medicare	38.36
		ICMA	Retirement 401	160.14
		CHARTER BUSINESS	SERVICE 09/16-10/15/14	172.23
		THE LINCOLN NATIONAL LIFE INSURANCE CO	Group Life Ins and Buy Up	9.19
			Group Life Ins and Buy Up	9.19
			Short Term Disability Ins	3.08
			Short Term Disability Ins	3.08
			Short Term Disability Ins	8.20
			Short Term Disability Ins	8.20
		JP MORGAN CHASE BANK	HSA Contribution	37.50
			HSA Family/Dep. Contributi	105.00
			TOTAL:	2,708.00

DEPARTMENT                      FUND                      VENDOR NAME                      DESCRIPTION                      AMOUNT

===== FUND TOTALS =====

10	General Fund	131,910.10
20	Transportation	21,509.05
30	Water Fund	13,276.08
35	Sewer Fund	33,419.74
40	Ambulance Fund	10,656.85
45	Lee C. Fine Airport Fund	3,861.03
47	Grand Glaize Airport Fund	3,261.15
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	GRAND TOTAL:	217,894.00
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TOTAL PAGES: 15

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT	
NON-DEPARTMENTAL	General Fund	LAKE SUN LEADER 81525 & 1586450	2004 FORD EXPLORER BID	18.00	
			SALE SURPLUS EQUIPMENT	24.75	
		CENTER FOR MUNICIPAL SOLUTIONS	6215 FIRESTATN RD - US CEL	425.00	
			1170 BLUFF MOD 2.5 - SPRIN	150.00	
			5237 HWY 54 - US CELLULAR	425.00	
			1036 BLUFF DR - US CELLULA	425.00	
			1170 BLUFF DR - SPRINT	675.00	
			OTIS DR TRAILS END - T-MOB	2,650.00	
			5715 HWY 54 MOD - SPRINT	900.00	
		LAKE OZARK CARWASH LLC	DETAILS	<u>461.94</u>	
		TOTAL:	6,154.69		
City Administrator	General Fund	DELL MARKETING LP	TONER	220.36	
			ALPHAGRAPHICS	BUSINESS CARDS - J WOODS	<u>65.61</u>
		TOTAL:	285.97		
City Clerk	General Fund	MO DEPT OF REVENUE	SEP MONTHLY SALES TAX REPO	35.00	
			STAPLES ADVANTAGE	PLANNERS, TONER, PPR CLPS	83.29
			REPORT COVERS	56.40	
			QUICKSHEET PROTECTORS	<u>46.50</u>	
			TOTAL:	221.19	
City Treasurer	General Fund	DATA COMM INC	W-2 & 1099 FORMS	115.37	
			STAPLES ADVANTAGE	STAPLES, FOLDERS, A-Z SORT	<u>47.32</u>
		TOTAL:	162.69		
Municipal Court	General Fund	ALPHAGRAPHICS	ENVELOPES	75.97	
			STAPLES ADVANTAGE	PLANNERS, PENS	<u>28.50</u>
		TOTAL:	104.47		
City Attorney	General Fund	THOMSON REUTERS - WEST	SEP INFORMATION CHARGES	<u>249.52</u>	
			TOTAL:	249.52	
Building Inspection	General Fund	ALPHAGRAPHICS	BUSINESS CARDS - R WHITE	55.00	
			GLOBAL EQUIPMENT COMPANY	FLAT FILE CABINETS	3,652.85
		STAPLES ADVANTAGE	HAND UNLOADED-NO 24 HR NOT	20.00	
			WEX BANK	BOX FILES, PPR CLIPS	53.96
		BLDG DEPT FUEL	<u>167.20</u>		
		TOTAL:	3,909.01		
Building Maintenance	General Fund	PRAIRIEFIRE COFFEE & ROASTERS	COFFEE	167.60	
			WATER COOLER RENTAL	38.51	
			COFFEE, STIR STIX	133.20	
		LAKE RECHARGE & FIRE EQUIPMENT LLC	REPAIR FIRE SUPPRESSION SY	750.00	
			CULLIGAN LAKE OF THE OZARKS	SALT	191.25
		SURECUT LAWN CARE LLC	SEP GROUNDS MAINT	1,785.71	
			REPAIR CUT WIRES	247.03	
		AB PEST CONTROL	PEST CONTROL	125.00	
			GEO-ENTERPRISES, INC	REPAIR FINANCE OFFICE UNIT	238.00
		REPLACED CHIEF'S UNIT		4,529.92	
		BEISHIR LOCK & SECURITY	ANNUAL SOFTWARE MAINT	476.57	
			ACCESS/VIDEO UPGRADE	1,763.10	
		PW DOOR ACCESS CNTRLS/CAME	6,028.99		
		LOBBY DOOR AUDIO/VIDEO	414.84		
		BOOKING DOOR CARD READER	834.66		
		ARTPHO LIMITED PRODUCTIONS	REPLACE FRAME	159.00	

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		EZARD'S	KEYS	3.18
		STAPLES ADVANTAGE	PPR TOWELS, RENUZIT, SPOON	131.23
			RENUZIT	29.52
			BATH TISSUE	91.45
			BATH TISSUE	36.58
		EDWARD A BARCHENSKI JR DBA CJ ELEC	UPS SYSTEM POWER	5,250.00
			TOTAL:	23,425.34
Parks	General Fund	RADIO SHACK CORP	ALKLINE BATTERIES	11.98
		MOTOR HUT	GAS CAP, SPEED FEED HEAD	42.85
		PAUL'S CASH SAVER #602	ICE	2.58
		BARNES MARINE INC	OIL	15.90
			BAR NUT	1.12
		HD SUPPLY WATERWORKS LTD	MEASURING WHEELS	212.50
		EZARD'S	5 GAL COOLER, CUPS	36.97
			SPRAYPAINT	16.96
			KEYS	4.77
			LOCK, BULBS, SWVL HASP, FS	36.16
		O'REILLY AUTOMOTIVE STORES INC	ANTIFREEZE	23.98
			QT 2 CYCLE	9.99
			PWR RTD BELT, CONNECTOR	33.41
			MINI LAMP	3.14
			DEGREASER	6.58
			HITCH PIN	3.99
		TURFMARK SERVICES LLC	FERTILIZER APPLICATIONS	1,400.00
		STEVE GOSLEE DBA	TOOLBOX	165.00
		WEX BANK	PARK DEPT FUEL	889.44
			TOTAL:	2,917.32
Human Resources	General Fund	NEW DIRECTIONS BEHAVIORAL HEALTH	QUARTERLY EAP SERVICES	598.76
		OCCUPATIONAL MEDICINE CLINIC	DRUG TESTING	209.00
			FIT FOR DUTY PHYSICALS	120.00
		LAKE SUN LEADER 645	EMPLOYMENT ADVERTISING	216.00
			EMPLOYMENT ADVERTISING	85.20
			EMPLOYMENT ADVERTISING	50.00
			EMPLOYMENT ADVERTISING	336.28
			EMPLOYMENT ADVERTISING	388.50
			EMPLOYMENT ADVERTISING	1,010.80
			EMPLOYMENT ADVERTISING	612.50
			EMPLOYMENT ADVERTISING	31.92
			EMPLOYMENT ADVERTISING	135.00
			EMPLOYMENT ADVERTISING	75.00
			EMPLOYMENT ADVERTISING	180.00
			EMPLOYMENT ADVERTISING	56.80
			EMPLOYMENT ADVERTISING	50.00
			EMPLOYMENT ADVERTISING	32.00
			EMPLOYMENT ADVERTISING	144.00
			EMPLOYMENT ADVERTISING	28.40
			EMPLOYMENT ADVERTISING	50.00
		CBIZ Human Capital Services	MARKET ANALYSIS 5 POSITION	2,000.00
		FOCUS/WEEKLY STANDARD	EMPLOYMENT ADVERTISING	88.80
			EMPLOYMENT ADVERTISING	52.50
			EMPLOYMENT ADVERTISING	52.50
			EMPLOYMENT ADVERTISING	59.20
			EMPLOYMENT ADVERTISING	29.60
		ALPHAGRAPHS	BUSINESS CARDS - C LEIGH	65.61

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		STEVEN R BROWN DBA	HEALTH FAIR	470.00
		CENTRAL MO NEWSPAPER INC	EMPLOYMENT ADVERTISING	442.50
			EMPLOYMENT ADVERTISING	<u>633.14</u>
			TOTAL:	8,304.01
Overhead	General Fund	XEROX CORPORATION	SEP SERVICE	382.54
		STAPLES ADVANTAGE	CPY PPR, ENVELOPES	145.12
		ENSH & JESTER PC	MO COURT OF APPEALS	<u>52.75</u>
			TOTAL:	580.41
Police	General Fund	LAKE CLEANERS	UNIFORM CLEANING	472.00
		PSE INSTALLATION	CAR CAMERAS & PRINTER REPA	50.00
		TRANSUNION RISK AND ALTERNATIVE DATA S	PERSON SEARCH	0.25
		LAKE COLLISION REPAIR	COLLISION REPAIR #19	950.60
		TURN KEY MOBILE INC	PANASONIC PROTECTIVE FILM	453.36
		HEDRICK MOTIV WERKS LLC	OIL CHG, TIRE ROTATE PD30	65.00
			TIRE PATCH PD20	25.00
			OIL CHG PD24	65.00
			OIL CHG PD 18	65.00
			OIL CHG AB8-N8U	32.50
			OIL CHG PD22	65.00
		SOUTHERN UNIFORM & EQUIPMENT	UNIFORMS	153.08
			UNIFORMS	256.23
			UNIFORMS	140.47
		OSAGE ANIMAL HOSPITAL	KENNEL PACK	32.76
		ALPHAGRAPHICS	HUTZLER, MORLEY, SHELTON	135.00
		STAPLES ADVANTAGE	WIRELESS, CPY PPR, CLIPS,	225.43
		WEX BANK	POLICE DEPT FUEL	5,537.70
			POLICE DEPT CAR WASHES	170.00
		LEADSONLINE	1 YR SUBSCRIPTION	<u>2,128.00</u>
			TOTAL:	11,022.38
911 Center	General Fund	WIRELESS USA INC	OCT SERVICE CONTRACT	225.00
		MSHP CJ TECH FUND	4TH QTR MULES CHARGES	<u>1,710.00</u>
			TOTAL:	1,935.00
Planning	General Fund	LAKE OF THE OZARKS COURT REPORTING LLC	VARIANCE CASES 317 & 318	200.00
		ALPHAGRAPHICS	BUSINESS CARDS - B CHATHAM	55.00
		WEX BANK	PLANNING DEPT FUEL	186.30
		XSTAMPERONLINE	CUSTOM STAMP	<u>110.75</u>
			TOTAL:	552.05
Economic Development	General Fund	LAKE SUN LEADER 81525 & 1586450	2013 ANNUAL TAX STATEMENT	270.00
		LAKE SUN LEADER 645	FALL FESTIVAL ADVERTISING	150.00
		CUSTOMIZED PROMOTIONAL PRODUCTS	FESTIVAL BOW WOW CONTEST	58.80
		EDWARD A BARCHENSKI JR DBA CJ ELEC	FALL FESTIVAL TEMPORARY PO	<u>415.00</u>
			TOTAL:	893.80
Transportation	Transportation	MEEKS BUILDING CENTER	2X3 8' SPF PREMIUM	3.09
			BLACKTOP PATCH	62.94
			QUIKRETE, 4X4 12' TREATED	19.75
			CAULK	29.94
		XEROX CORPORATION	BASE & EXCESS PRINT CHRGS	51.21
		EZARD'S	QUIKRETE	21.96
			FASTENERS, DRILL BIT	18.34
			BIG GAP, SAWZAL BLADES	17.98

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		ALLEN SURVEYING INC	CORAL LANE	127.50
		JACK'S MUNICIPAL SALES & SERVICE INC	SIGNS	45.55
		KNAPHEIDE TRUCK INC	SNOW PLOW	4,184.00
		LAKE SUN LEADER 81525 & 1586450	DEICING SALT BID	65.25
		PRAIRIEFIRE COFFEE & ROASTERS	COFFEE, CREAM, SUGAR	21.17
		BUTLER SUPPLY CO	1800W 120V PHOTO CONTROL	13.23
		DAM STEEL SUPPLY	CHANNEL, FLAT BAR, REC TUB	351.00
		HD SUPPLY WATERWORKS LTD	WATER VALVE BOX W/LID	49.00
		PRECISION AUTO & TIRE SERVICE LLC	FIX TIRE, INSTALL SNW TIRE	108.00
			OIL CHG, RESISTOR, U-JNT #	310.65
			OIL CHG #61	41.95
		BIG O TIRES AND SERVICE CENTERS	TIRES #53	1,386.86
		UNIFIRST CORPORATION	STREET DEPT UNIFORMS	39.15
			STREET DEPT FLOOR MATS	7.17
			STREET DEPT UNIFORMS	39.25
			STREET DEPT FLOOR MATS	7.17
		BEISHIR LOCK & SECURITY	ANNUAL SOFTWARE MAINT	320.47
			ACCESS/VIDEO UPGRADE	1,185.62
			PW DOOR ACCESS CNTRLS/CAME	4,054.24
			LOBBY DOOR AUDIO/VIDEO	278.97
			BOOKING DOOR CARD READER	561.27
		EZARD'S	FASTENERS, MAGNETIC NUTSET	4.11
			LAWN SUPPLIES	3.18
			EVEREADY SUPERHD D CD2	14.94
			SEALER	22.45
		O'REILLY AUTOMOTIVE STORES INC	BATTERY	104.26
			BATTERY	30.95
		WEX BANK	ENG -TRANS FUEL	113.24
			ENG -SEWER FUEL	113.24
			TRANS DEPT FUEL	3,042.10
			TOTAL:	16,871.15
Water	Water Fund	RADIO SHACK CORP	BATTERIES	23.99
		MEEKS BUILDING CENTER	RAIL, WALL/HAND	63.68
		XEROX CORPORATION	BASE & EXCESS PRINT CHRGS	51.20
		EZARD'S	ANTI-FREEZE	25.74
			HANDHLD CALCULTR	4.79
			HAL BULBS	11.98
		MO ONE CALL SYSTEM INC	LOCATES	65.65
		LAKE SUN LEADER 81525 & 1586450	DESIGN GUIDELINES BID	38.25
			LD-18 DIGITAL WATER BID	63.00
		OZARK READY MIX CO INC	4000# WC	337.50
		POSTMASTER	OCT UTILITY BILL MAILING	380.00
		PRAIRIEFIRE COFFEE & ROASTERS	COFFEE, CREAM, SUGAR	21.16
		HD SUPPLY WATERWORKS LTD	MTR TILE, FRAME, ADPTR RIN	8,289.20
		UNIFIRST CORPORATION	WATER DEPT UNIFORMS	25.63
			WATER DEPT FLOOR MATS	7.16
			WATER DEPT UNIFORMS	23.66
			WATER DEPT FLOOR MATS	7.16
		BEISHIR LOCK & SECURITY	ANNUAL SOFTWARE MAINT	320.48
			ACCESS/VIDEO UPGRADE	1,185.62
			PW DOOR ACCESS CNTRLS/CAME	4,054.25
			LOBBY DOOR AUDIO/VIDEO	278.96
			BOOKING DOOR CARD READER	561.28
		O'REILLY AUTOMOTIVE STORES INC	BATTERY	30.94
			NERF BARS	261.41

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		DPC ENTERPRISES LP	WATER TREATMENT CHEMICALS	2,404.47
			RETURN CONTAINERS	340.00-
		WEX BANK	WATER DEPT FUEL	1,291.78
			TOTAL:	19,488.94
Sewer	Sewer Fund	XEROX CORPORATION	BASE & EXCESS PRINT CHRGS	51.20
		AMOS SEPTIC SERVICE INC	PUMP LIFT STATIONS	300.00
		EZARD'S	TAP PLUGS	8.98
			CAULK, DRILL BIT, AA BATTE	52.92
			FASTENERS, DRILL BIT	11.07
			FASTENERS	1.60
			ANTI-FREEZE	25.74
			BALL VALVE	59.99
			ENTRY KNOB BALL	12.99
			FASTENERS	34.08
			BALL VALVE	59.99
		FASTENAL CO	M16X40CRSA2S/SLHSCS	75.75
			17.00MM 118 HSSBRDB	44.76
			1/2" SHANK3FLAT	57.03
			3/8 SPRINGHOOKS	338.68
		MO ONE CALL SYSTEM INC	LOCATES	65.65
		EVOQUA WATER TECHNOLOGIES LLC	BIOXIDE	3,996.42
			ODOR CONTROL	1,750.00
		LAKE SUN LEADER 81525 & 1586450	DESIGN GUIDELINES PH	33.75
			MANHOLE REHAB BID	222.75
		OZARK READY MIX CO INC	4000# WCA	328.50
		PAUL'S CASH SAVER #602	ICE	10.32
		CONSOLIDATED ELECTRICAL DISTR, INC	BUTTCONNS, FEMTRMS	79.89
			#16-14AWG BULLET DISCS	34.83
		POSTMASTER	OCT UTILITY BILL MAILING	380.00
		PRAIRIEFIRE COFFEE & ROASTERS	COFFEE, CREAM, SUGAR	21.17
		LAKE OZARK-OSAGE BEACH JOINT SEWER PLA	SEP MONTHLY FLOWS	39,272.63
		CAMDEN COUNTY FIRE & SAFETY	FIRE EXTINGUISHERS	105.00
		HD SUPPLY WATERWORKS LTD	CHK VALVES	3,796.74
			TRUMBLL, TUBE CUTTRS, CHNN	383.80
			MASTIC MH SEALANT	14.85
			PIPE, FLG ACC RR FF	190.34
			SEWER AIR RELEASE	875.27
			GEN PURPOSE DIAMOND BLADE	178.79
			SWR PVC	45.93
			SWR PVC	14.09
		PRECISION AUTO & TIRE SERVICE LLC	OIL CHG, ROTORS, BRK PADS	235.40
		BIG O TIRES AND SERVICE CENTERS	TIRES	198.50
		UNIFIRST CORPORATION	SEWER DEPT UNIFORMS	46.39
			SEWER DEPT FLOOR MATS	7.17
			SEWER DEPT UNIFORMS	46.30
			SEWER DEPT FLOOR MATS	7.17
		CORROSION TECHNOLOGIES INC	AUG SERVICE CALIBRATIONS	375.00
		BEISHIR LOCK & SECURITY	ANNUAL SOFTWARE MAINT	320.48
			ACCESS/VIDEO UPGRADE	1,185.62
			PW DOOR ACCESS CNTRLS/CAME	4,054.25
			LOBBY DOOR AUDIO/VIDEO	278.96
			BOOKING DOOR CARD READER	561.28
		O'REILLY AUTOMOTIVE STORES INC	BATTERY	146.30
			BATTERY	30.94
			NERF BARS	261.41

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		STAPLES ADVANTAGE	REFUND WIPES	48.84-
			HAND SANITIZER WIPES	48.84
		DPC ENTERPRISES LP	RETURN CONTAINERS	140.00-
		WEX BANK	ENG -WATER FUEL	113.25
			SEWER DEPT FUEL	1,591.42
		MIDWEST PUBLIC RISK	SEWER CLAIM DEDUCTIBLE	6,221.63
			TOTAL:	68,476.97
Ambulance	Ambulance Fund	PURCELL TIRE CO	REFUND DUPLICATE CHARGE	133.75-
		BOUND TREE MEDICAL LLC	MEDICAL SUPPLIES	111.38
			MEDICAL SUPPLIES	1,422.91
			MEDICAL SUPPLIES	37.80
		ROBERT D KING MD LLC	OCT MEDICAL DIR SERVICES	1,000.00
		STAPLES ADVANTAGE	LASER PRINTER	248.60
		WEX BANK	AMB DEPT FUEL	460.71
			TOTAL:	3,147.65
Lee C. Fine Airport	Lee C. Fine Airpor	PURCELL TIRE CO	VEHICLE REPAIR AIRPORT TRU	1,371.48
		NAEGLER OIL CO	SATELLITE EQUIP CONN	46.00
		CROWN POWER & EQUIPMENT	WATER PUMP	256.00
		ALPHAGRAPHS	BUSINESS CARDS - T DINSDAL	32.81
		EZARD'S	REFILL STRING	2.49
			SANDPAPER	5.34
			BATTERY CABLE	5.99
			ANTIFREEZE, BRAKE FLUID	22.98
		O'REILLY AUTOMOTIVE STORES INC	BATTERY	104.26
		WEX BANK	LCF AIRPORT FUEL	159.10
			TOTAL:	2,006.45
Grand Glaize Airport	Grand Glaize Airpo	RP LUMBER INC	OSB, NAILS, SCREWS	238.24
		NAEGLER OIL CO	SATELLITE EQUIP CONN	46.00
		ALPHAGRAPHS	BUSINESS CARDS - T DINSDAL	32.80
		EZARD'S	WASP & HORNET SPRAY	3.99
			PAPER TOWELS	8.99
			SCOURING STICK	3.49
		WEX BANK	GG AIRPORT FUEL	86.55
			TOTAL:	420.06

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
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===== FUND TOTALS =====

10	General Fund			60,717.85
20	Transportation			16,871.15
30	Water Fund			19,488.94
35	Sewer Fund			68,476.97
40	Ambulance Fund			3,147.65
45	Lee C. Fine Airport Fund			2,006.45
47	Grand Glaize Airport Fund			420.06

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GRAND TOTAL: 171,129.07  
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**Submission Date:** October 17, 2014

**Submitted By:** Public Works Director

**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
BOARD OF ALDERMEN  
AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Bill 14-52 – To amend Sections 705.250 and 705.310.

**Names of Persons, Businesses, Organizations affected by this action:**

Citizens, Businesses, Developers, Visitors to the area, and City Staff

**Why is Board Action Required?**

Board Action required to approve ordinances

**Type of Action Requested (Ordinance, Resolution, Motion):**

Request first and second readings of Bill 14-52.

**Are there any deadlines associated with this action?**

We would like to make this change to know what to do with inventory and give developers direction on how we are proceeding

**Comments and Recommendation of Department:**

We would like to make some changes to the City's Water Ordinances to update Sections 705.250 and 705.310. Currently, we tap water mains for new 5/8" meters. City Staff goes out to the jobsite once the ditch is excavated and taps the City water main. We then proceed to install the pipe from the tap to the proposed location of the meter pit. We set the meter setter and meter. The cost for the materials alone is \$875.03. The Meter Tap Fee which is set by ordinance is \$533 for a 5/8" meter. We could consider raising the meter fee to cover the costs and installation, but instead of doing that we would like to change what the City provides. We only tap the main and provide this type of service for 5/8" meters but provide only the meter for all other meter sizes. Once the contractor has

finished with all of the work besides setting the meter, we show up with the meter and install it. This takes approximately 10 minutes at the most. We would like to change the 5/8" meter to be handled like all other size meters.

Since the 5/8" meters have to be scheduled in with normal day to day maintenance, the time to install a standard 5/8" meter can take up to 2 hours. There are times when we have something scheduled that we cannot provide this service when it is requested. This change will allow the contractor to install everything but the meter on their schedule not ours.

The current cost for a 5/8" meter is \$240. We are proposing to provide and install the meter only and all other costs to be borne by the applicant.

Another proposed change in this ordinance is in Section 705.250. Section 705.250 point D reads as follows, "Meters will be maintained by the City at its expense insofar as ordinary wear is concerned, but damage to any meter due to fire, hot water, freezing, or other natural cause arising out of, or caused by the customer's negligence or carelessness shall be paid for by the customer." City staff installs the water meters. If the water meter freezes, we have not made the customer pay for the costs of the new meter since City Staff installed it. We will still set the meter with the above proposed changes. If the meter setter is installed too high, we will require the contractor to lower it to make sure we have protection against freezing. We have not required any customer to pay for the replacement of a water meter in the past. We would like to make this change to decrease the liability on our citizens and customers.

The Public Works Department recommends approval of Bill 14-52. A first and second reading is requested.

**City Administrator Comments and Recommendation:**

Concur with the recommendation of the Public Works Director.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING SECTIONS 705.250 AND 705.310 RELATING TO WATER, OF THE OSAGE BEACH CODE OF ORDINANCES.

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI, AS FOLLOWS:

Section 1. That Section 705.250 of the Osage Beach Code of Ordinances is hereby amended so that such section shall read as follows:

**SECTION 705.250. METER INSTALLATION AND MAINTENANCE**

- A. The City shall determine the location of the meter to be installed. The location of the meter must be in a location that is acceptable, convenient, and close as possible to the customer's property line.
- B. The City will provide and install the water meter.
- C. The costs and expenses to provide an acceptable tap on the City's water main shall be borne by the applicant. **A meter fee shall be paid by the applicant for each water connection and includes the cost of materials, the meter and meter setting, and labor provided by the City. The applicant shall perform all work including excavation, backfill, restoration, and installation of the building service line.**
- D. Unless otherwise determined by the City, each premises shall be supplied through a separate meter or, if necessary and at the option of the Building Official, through a separate battery of meters. Where a battery of meters is installed, the registration of such meters shall be combined for billing purposes and shall be subject to a minimum charge equal to the sum of the minimum charged for the meters comprising the battery setting. Where, however, a premises is supplied through more than one (1) service, unless otherwise provided for in contracts entered into therefor, the registration of the meter installed on each such service shall be billed separately, subject to the minimum charge for each meter.
- E. The customer shall promptly notify the City of any defect in or damage to the meter or its connection.

Section 2. That Section 705.310 of the Osage Beach Code of Ordinances is hereby amended so that such section shall read as follows:

**SECTION 705.310: WATER FEES**

- A. Meter fees shall be paid by the applicant for each water connection.
- B. The fee includes cost of materials and labor provided by the City which includes the meter and meter setting. The applicant shall perform all work including excavation, backfill, restoration, and installation of the building service line.
- C. Meter fees are based on the actual cost of the meter.

Section 3. That this Ordinance shall be in full force and effect upon date of passage.

READ FIRST TIME: \_\_\_\_\_ READ SECOND TIME: \_\_\_\_\_

I hereby certify that the above Ordinance No. 14.52 was duly passed on \_\_\_\_\_ by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
Abstentions: \_\_\_\_\_ Absent: \_\_\_\_\_

This Ordinance is hereby transmitted to the Mayor for her signature.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Diann Warner, City Clerk

Approved as to form:

\_\_\_\_\_  
Edward B. Rucker, City Attorney

I hereby APPROVE Ordinance No. 14.52.

\_\_\_\_\_  
Penny Lyons, Mayor

\_\_\_\_\_  
Date

ATTEST:

\_\_\_\_\_  
Diann Warner, City Clerk

**Submission Date:** October 16, 2014

**Submitted By:** Public Works Director

**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
BOARD OF ALDERMEN  
AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Bill 14-56 – To amend Section 710.410.

**Names of Persons, Businesses, Organizations affected by this action:**

Citizens, Businesses, Developers, Visitors to the area, and City Staff

**Why is Board Action Required?**

Board Action required to approve ordinances.

**Type of Action Requested (Ordinance, Resolution, Motion):**

Request first and second readings of Bill 14-56.

**Are there any deadlines associated with this action?**

We would like to correct the clerical error in the appendix as soon as possible.

**Comments and Recommendation of Department:**

There was a clerical error in Appendix A. The clerical error is under the commercial meter size section with the 5/8" x 3/4" meter.

The Public Works Department recommends approval of Bill 14-56. A first and second reading is requested.

**City Administrator Comments and Recommendation:**

Concur with the recommendation of the Public Works Director.

BILL NO. 14-56

ORDINANCE NO. 14.56

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING APPENDIX A OF SECTION 710.410: SEWER SYSTEM DEVELOPMENT CHARGE.

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI, AS FOLLOWS:

Section 1. That Appendix A of Section 710.410 of the Osage Beach Code of Ordinances be amended so that such section shall read as indicated on the attached Exhibit A.

Section 2. Repeal of ordinances not to affect liabilities, etc.

Whenever any part of this ordinance shall be repealed or modified, either expressly or by implication, by a subsequent ordinance, that part of the ordinance thus repealed or modified shall continue in force until the subsequent ordinance repealing or modifying the ordinance shall go into effect unless therein otherwise expressly provided: but no suit, prosecution, proceeding, right, fine or penalty instituted, created, given, secured or accrued under this ordinance previous to its repeal shall not be affected, released or discharged but may be prosecuted, enjoined and recovered as fully as if this ordinance or provisions had continued in force, unless it shall be therein otherwise expressly provided.

Section 3. The Mayor of the City of Osage Beach is hereby authorized to take all actions which may be necessary to fully enact this Ordinance.

Section 4. That this Ordinance shall be in full force and effect January 1, 2015.

READ FIRST TIME: \_\_\_\_\_ READ SECOND TIME: \_\_\_\_\_

I hereby certify that the above Ordinance No. 14.56 was duly passed on \_\_\_\_\_ by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
Abstaining: \_\_\_\_\_ Absent: \_\_\_\_\_

This Ordinance is hereby transmitted to the Mayor for her signature.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Diann Warner, City Clerk

Approved as to form:

\_\_\_\_\_  
Edward B. Rucker,  
City Attorney

I hereby APPROVE the above Ordinance No. 14.56.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Penny Lyons, Mayor

ATTEST:

---

Diann Warner, City Clerk

EXHIBIT A

**APPENDIX A  
CITY OF OSAGE BEACH  
SANITARY SEWER SYSTEM  
SYSTEM DEVELOPMENT CHARGE SCHEDULE APPROVED 10/23/2014**

BENEFIT AREA	LOCATION	SFR*	1 BR	2 BR	3 BR	5/8" x 3/4"	1"	1 1/2"	COMMERCIAL (WATER SIZE)			
									2"	3"	4"	6"
1	All areas east of Sands Pump Station	\$1,075	\$672	\$806	\$941	\$1,075	\$2,688	\$5,375	\$8,600	\$18,813	\$53,750	
2	East of Sands and upstream of L.S. 30-6	\$2,975	\$1,859	\$2,231	\$2,603	\$2,975	\$7,438	\$14,875	\$23,800	\$52,063	\$148,750	
3	East of Sands and upstream of L.S. 54N-1	\$1,855	\$1,159	\$1,391	\$1,623	\$1,855	\$4,638	\$9,275	\$14,840	\$32,463	\$92,750	
4	East of Sands and upstream of L.S. 22-3	\$1,457	\$911	\$1,093	\$1,275	\$1,457	\$3,643	\$7,285	\$11,656	\$25,498	\$72,850	
5	East of Sands and upstream of L.S. 29-1	\$1,490	\$931	\$1,118	\$1,304	\$1,490	\$3,725	\$7,450	\$11,920	\$26,075	\$74,500	
6	West of Sands and East of Normandy Road	\$1,900	\$1,188	\$1,425	\$1,663	\$1,900	\$4,750	\$9,500	\$15,200	\$33,250	\$95,000	
7	West of Normandy Road, East of KK EQ Basin	\$2,255	\$1,409	\$1,691	\$1,973	\$2,255	\$5,638	\$11,275	\$18,040	\$39,463	\$112,750	
8	Upstream of KK EQ Basin	\$2,835	\$1,772	\$2,126	\$2,481	\$2,835	\$7,088	\$14,175	\$22,680	\$49,613	\$141,750	
9	West of Normandy Road, in Port Lane Area	\$2,825	\$1,766	\$2,119	\$2,472	\$2,825	\$7,063	\$14,125	\$22,600	\$49,438	\$141,250	

\*SFR = Single Family Residential  
\*\*MFR = Multi-Family Residential

**Submission Date:** October 16, 2014  
**Submitted By:** Public Works Director  
**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
 BOARD OF ALDERMEN  
 AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Bill 14-57 - To revise the City of Osage Beach Design Guidelines

**Names of Persons, Businesses, Organizations affected by this action:**

Builders, Developers, Contractors, Engineering Firms, and City Staff

**Why is Board Action Required?**

Board action is required for approval of ordinances.

**Type of Action Requested (Ordinance, Resolution, Motion):**

Request first and second readings of Bill 14-57.

**Are there any deadlines associated with this action?**

This item is in connection with the meter fees ordinance.

**Comments and Recommendation of Department:**

The Design Guidelines explain in detail what the City will and will not provide for new water connections. We need to make these changes to the meter section if the meter fees ordinance is approved.

There are some other changes to the Design Guidelines besides the meter section. We also made a change in titles from City Engineer to Public Works Director. We are proposing to delete the dual check valve from the meter setter. We changed some language for fittings and pipe to current standards.

The Public Works Department recommends approval. A first and second reading of Bill 14-57 is requested.

**City Administrator Comments and Recommendation:**

Concur with the recommendation of the Public Works Director.

BILL NO. 14-57

ORDINANCE NO. 14.57

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING THE OSAGE BEACH DESIGN GUIDELINES SECTION 2, WATER SYSTEM

Whereas, the City has adopted guidelines to aid developers and builders in complying with the requirements of the Osage Beach Code of Ordinances for the construction of industrial, commercial and multi unit residential structures.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI, AS FOLLOWS:

Section 1. That the section entitled Osage Beach Design Guidelines Section 2, Water System, is hereby amended as indicated on the attached Exhibit A.

Section 2. This Ordinance shall be in full force and effect from and after its passage by the Board of Aldermen and approval by the Mayor.

READ FIRST TIME: \_\_\_\_\_ READ SECOND TIME: \_\_\_\_\_

I hereby certify that the above Ordinance No. 14.57 was duly passed on \_\_\_\_\_ by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
Abstentions: \_\_\_\_\_ Absent: \_\_\_\_\_

This Ordinance is hereby transmitted to the Mayor for her signature.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Diann Warner, City Clerk

Approved as to form:

\_\_\_\_\_  
Edward B. Rucker, City Attorney

I hereby approve Ordinance No. 14.57.

\_\_\_\_\_  
Penny Lyons, Mayor

\_\_\_\_\_  
Date

ATTEST:

\_\_\_\_\_  
Diann Warner, City Clerk

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

(Revised 16 October 2014-NLE)

## OVERVIEW

The City of Osage Beach is authorized to construct, operate, and maintain a water system to serve the inhabitants, business establishments, and infrastructure needs of the city by Title VII Utilities of the City Code. The city water system is operated under license of the Missouri Department of Natural Resources (MDNR), Drinking Water Division as authorized under 10 CSR 60-3 and 10 CSR –10 of the Missouri Safe Drinking Water Act and the Missouri Public Drinking Water Regulations. The purpose of this guideline is to establish design policy and guidance for the design and construction of the city water system.

The design, construction, and operation of the city water system will conform to the requirements of the MDNR regulations, standards, and policies, the City of Osage Beach Design Guideline, and the applicable provisions of the International Plumbing Code and the International Building Code and with reference to requirements of the International Fire Code and the recommendations of the Insurance Services Organization (ISO)

## REFERENCED CITY ORINANCES

Chapter 400.110 Subdivision Regulations  
Chapter 410.130 Contents (Location and design of water mains and appurtenances)  
Chapter 410.190 Design Standards  
Chapter 410.320 Waterlines  
Chapter 505.010 Fire Protection Code  
Chapter 705 Waterworks

## GOALS AND OBJECTIVES

The basic goal of the City of Osage Beach is to provide an efficient, cost effective water system to supply the fire protection and drinking water needs of the city. This guideline will establish the basic parameters, design criterion, and material requirements for the system. The system will be designed to meet all of the appropriate standards for domestic water supply and to achieve a reasonable fire protection capability. The fire protection requirements will be developed in conjunction with the Osage Beach Fire Protection District.

## OVERALL WATER SYSTEM STANDARDS AND CRITERION

The initial water system was designed by Archer Engineers offices in Lee Summit and Springfield, Missouri. A Water Master Plan was developed that establishes the basic requirement for the system. Essentially Osage Beach has two separate water systems, one on each side of the Grand Glaize Bridge. Basic requirements for the supply system are as follows:

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

EAST SIDE SYSTEM

	<u>Current</u>
Average Daily Demand, gallons	845,000
Fire Fighting Demand, gallons	<u>240,000</u>
Required Storage, gallons	1,085,000
Available Storage:	
Columbia College, gallons	500,000
Parkview Bay, gallons	150,000
Bluff Tower, gallons	<u>750,000</u>
Total	1,400,000
Required Water Supply, gpm	880
Water Supply Available:	
Columbia College No. 1, gpm	250
Columbia College No. 2, gpm	550
Passover Well No. 1, gpm	260*
Bluff No 1, gpm	<u>500</u>
Total Available**, gpm	1010
*limited Service Area	
** with largest well out of service	

WESTSIDE SYSTEM (NEED TO UPDATE)

	<u>1999</u>	<u>2019</u>	<u>Ultimate</u>
Average Daily Demand, gpd	992,000	1,563,000	1,840,000
Fire Fighting Demand, gpd	240,000	240,000	240,000
Required Storage, gpd	1,232,000	1,803,000	2,089,000
Available Storage:			
Woodland Tower, gpd	(150,000)*	0	0
Swiss Village Tower, gpd	1,500,000	1,500,000	1,500,000
Future, gpd		800,000	800,000
Total Available	1,500,000	2,300,000	2,300,000
*Out of service – remove from service			
Water Supply Available:			
Swiss Village Well No. 1, gpm	550	550	550
Swiss Village Well No. 2, gpm	550	550	550
Woodland Cove Well, gpm	OTS*	0	0
Future Wells, gpm		1,000	1,000
Total Available, gpm	1,100	2,100	2,100

Design Guideline  
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SECTION 2 – WATER SYSTEM

\*OTS = Out of Service

The master plan requires chlorination and fluoridation of the water system. No further treatment is proposed at this time. The system will be added to and/or modified as necessary to assure full compliance with MDNR Regulations.

WATER DISTRIBUTION – BASIC DESIGN CRITERION

A. Fire Demand and Supply

1. Industrial, commercial, and multi-unit residential structures:
  - a. Provide not less than 2000 gpm at a residual pressure of 20 psi at each building site.
  - b. Hydrants spacing shall be one fire hydrant for every 300 feet.
  - c. Provide one hydrant within 150 feet in the line of the hose path travel of each fire main entrance into the structure.
  - d. Provide fire main service to each structure with indicating type valve at the water main. Minimum size fire service line is four inches.
  - e. Minimum static pressure at each structure shall be 35 psi.
2. Residential
  - a. Provide not less than 1000 gpm at a residual pressure of 20 psi.
  - b. Provide not less than one fire hydrant within 600 feet.
  - c. In the case of a structure or residence that is not connected to city water a fire hydrant must be available within 850 feet.

B. Fire Main Connections to Structures

1. Where required by the Osage Beach Fire District, NFPA and/or International Plumbing Code a fire main shall be extended into each building as a separate fire main. This entrance main shall be only for fire protection system use. No meters or valves are allowed between main and the building except for an indicating shut-off valve at the main and a post indicating valve which shall be located a minimum of 5 feet away from the building. Shut-off valves installed on fire mains shall be of the indicating type that clearly shows if the valve is open or closed.

C. Water Distribution Mains

1. Water distribution mains shall be looped to the maximum extent feasible.
2. The city standard allows for six inch mains in residential areas where a fire flow of 1000 gpm at a residual pressure of 20 psi can be maintained.

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 SECTION 2 – WATER SYSTEM

3. The minimum size main allowable for domestic residential service is two inches so long as the main is less than 600 feet long, serves less than ten residences and fire protection is available within 300 ft.
4. The minimum static pressure for domestic service shall not be less than 35 psi.
5. A fire hydrant or blow-off valve shall be installed at the end of all water mains.
6. The maximum design flow velocity shall be 8 fps.
7. An isolation valve shall be installed at not less than every 1250 feet and:
  - a. At each branch main with one valve on the downstream main and one on the branch main.
  - b. At loop connections on each leg of the connecting loop.

Isolation valves shall be of the same nominal size as the main in which they are installed.

DOMESTIC SUPPLY CONNECTIONS AND METER POLICY

A. General Requirements for Customer Service Lines

1. City meter assemblies will not have a city owned backflow device installed.
- 2.
3. Materials used for customer service lines shall conform to materials specified herein.
4. All domestic services shall be metered.
5. Meters shall be sized in accordance with the following unless specifically directed otherwise by the Public Works Director or designee:

<u>Meter size</u>	<u>Meter Demand</u>	<u>Requirements</u>
5/8" x 3/4"	1 to 20 gpm	Single family residence with 2-1/2 baths, small commercial offices or retail establishments. Maximum continuous flow 10 gpm.
1"	3 to 50 gpm	Large residences, swimming pools, lawn irrigation for lawns less than 6000 SF, apartments and condos with less than 10 units, motels of less than 15 units, small to medium restaurants, commercial uses with maximum continuous demand less than 25 gpm.
1-1/2"	5 to 100 gpm	Apartments and condos of less than 30 units, motels of less than 35 units, commercial

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		uses with maximum continuous demand of less than 50 gpm.
2"	8 to 160 gpm	Apartments and condo of less than 60 units, hotels with less than 70 units, commercial uses with maximum continuous demand less than 80 gpm.
3"	4 to 320 gpm	Commercial applications with continuous demand of less than 160 gpm
4"	6 to 500 gpm	Commercial use less than 250 gpm continuous flow (Compound Meter)
	10 to 1200 gpm	Municipal Use Only (Turbine Meter)
6"	20 to 2500 gpm	Municipal Use Only (Turbine Meter)

**B. Meter Connection Policy**

1. Single Family Residential, and small commercial connections
  - a. Each individually owned residence or business shall be connected through one meter and receive one billing. Generally single family residences and small businesses will be setup with a 5/8 inch meter. Individual owners shall confer with the Public Works Director or designee to determine appropriate size to meet their requirements.
  - b. Billing will be at the established monthly rate based upon water usage.
2. Multi-Family Residential Units
  - a. The general rule shall be one property, one billing. Multi-family residential units are billed on the basis of the number of units times the basic monthly rate plus the water usage over the base amount.
  - b. All multi-unit residential buildings that require a separate fire main and sprinkler system shall be constructed with a separate metered domestic supply line and a non-metered fire main entrance. The meter shall be sized to meet the demand requirements of the individual building. On properties with more than one building, each building shall be metered separately
3. Duplex Residential Units – Multiple Single Family Rental Units on one Property

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- a. The general rule is one owner of the property one meter. If there are multiple duplex or single family units on one property and individual fire service mains are not required to any of the buildings then the one owner – one meter rule applies. The billing shall be at the established monthly rate per unit plus the gallons used over 1000 gal. per unit billed at the established rate per 1000 gal.
  - b. In the case where each unit is individually owned then each unit shall be individually billed and metered. This specifically intended for duplex and single family cluster homes only.
4. All Non-Residential Properties with Fire Sprinkler Systems
- a. At all locations where the structures require a separate fire main to the building each building shall have a separate, metered, domestic supply main.
  - b. One commercial property with multiple overnight lodging units (a motel or hotel) not requiring fire mains shall be metered by one-meter assembly and billed on the water use.
  - c. One commercial property with multiple commercial units without fire mains, with individual tenants, may be metered with one meter, or individually, as mutually determined by the owner and the Public Works Director or designee.
  - d. One property with mixed residential long term, overnight rental, and commercial enterprises, may be metered on one-meter assembly, or multiple meters, as determined by the Public Works Director or designee. Billing will be on a water use basis.
  - e. Where there are multiple buildings on one property that require fire main services, each building's domestic supply will be metered. All meters will be billed to the property owner.
- C. Fire Main Connections
- 1. Fire main connections are required for all sprinkled buildings and structures. The owner/developer shall submit appropriate drawings and computations by a Registered Professional Engineer for approval. The owner/developer shall furnish all valves, fittings, and incidentals required to make the connection and shall employ a city approved contractor to perform the work.
  - 2. Indicating shut-off valves shall be installed at the fire main connection to the water main.
  - 3. Pipe materials for the fire main between the building and post indicating valve shall be Ductile Iron as shown below in Materials for Waterlines and Appurtenances section A. point 1 subpoint a.
- D. City Ordinance 98.41 - Owner Furnished Backflow Preventer Assembly

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1. Owner furnished backflow assemblies shall be licensed, furnished, installed, and maintained by the owner at the locations specified in City Code 705.470. Most of these will be for lawn sprinkler systems and the like.

*Note: These units are required in addition to any dual check assembly installed by the city at the meter installation.*

**MATERIALS FOR WATERLINES AND APPURTENANCES**

**A. Water Mains**

1. Mains four inches and larger:
  - a. Ductile Iron Pipe, AWWA C150 and C151, Class 250
    - 1) Cement mortar lined per AWWA C104
    - 2) Joints:
      - a) For buried pipe: push-on joints per AWWA C111
      - b) For exposed or interior: Flanged joints
  - b. PVC, AWWA C900 or C905, DR 14, Class 200
    - 1) Joints shall be push-on type rubber gasket
2. Water Mains three inches:
  - a. PVC, ASTM 2241, SDR 21, Class 200
    - 1) Joints shall be push-on type with rubber gasket
  - b. Schedule 40 PVC
    - 1) Joints shall be solvent welded

**B. Water Mains and Water Meter Service Lines two inch and less**

1. HDPE AWWA C901, PE 3408, CTS, IDR 7, Class 200 for I.D. pipe, or DR 9, Class 200 for O.D. pipe.

**C. Water Service Lines from meter to building (Privately Owned Lines Only)**

1. These lines shall conform to the requirements of the International Plumbing Code.
2. Materials may be of the owner choice.

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D. Water Fittings for Ductile Iron and PVC

1. 4 inches and Larger:
  - a. Fittings:
    - 1) Ductile iron fittings, cement mortar lined, conforming to AWWA C150 or C151.
    - 2) All buried or flooded locations shall use mechanical joint pipe and fittings.
    - 3) Flanged fittings shall be provided for flanged pipe (above ground installations only). Faces shall be coated with rust Protective coating.
    - 4) Cement mortar lined pipe and fittings shall be coated with coal tar epoxy paint a minimum thickness of 24 mils.
  - b. Flanged Coupling Adapters:
    - 1) Shall be Ford 193, Smith-Blair 913, Rockwell 913, or approved equal.
    - 2) Bolts shall be Stainless Steel, Type 216.
    - 3) Minimum rated operating pressure to match the line in which installed.
  - c. Joint Restraints:
    - 1) Shall be Ford Style FR, Uni-Flange 1300 Series, or approved equal.
    - 2) Approved concrete thrust blocks required.
2. For pipe 3 inches:
  - a. Fittings:
    - 1) For ASTM 2241, SDR 21, Class 200 fittings shall be approved by the Public Works Director or designee.
    - 2) PVC Schedule 40 shall have PVC Schedule 80 fittings.
  - b. Coupling Adapters:
    - 1) Ford Style FC or approved equal
3. For PE Pipe – 2 inches or less:
  - a. Shall be Ford CTS Pack Joint Couplings for PE Pipe rated at the same pressure class as the pipe in which they are to be installed.

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- E. Waterline Valves and Valve Boxes (for Valves larger than 2 in.):
1. Shall be iron body, non-rising stem, resilient wedge, gate valves with stainless steel bolts, and shall be epoxy paint coated.
  2. Valves shall be by Mueller, Clow, or M&H, or approved equal
  3. Valve Boxes shall be cast iron bonnet, PVC riser, with cast iron top and cover marked “water”.
  - 4.
- F. Fire Hydrants
1. Fire hydrants shall be Mueller Super Centurion 250 or Clow Medallion with 4-1/2 inch pumper inlet, and two 2-1/2 hose connections. Hydrants shall be fully compatible with the requirements of the Osage Beach Fire Protection District.
  2. Fire hydrants shall be painted red with epoxy coating as approved by the Public Works Director or designee.
- G. Blow-Off Assembly
1. Post Hydrants shall be non-freezing, self draining type with a minimum 36” cover to the main. Hydrants shall be furnished with a 2” FIP inlet, a NOT-Turning operating rod, and shall open to the left. All working parts shall be Bronze-to-Bronze design. The outlet shall also be Bronze and be 2 ½” NST. Hydrants shall be lockable to prevent unauthorized use.
  2. Hydrant shall be as manufactured by Kupferle Foundry Co., St. Louis, MO, or approved equal.
- H. Water Meter Assemblies:
1. 5/8 and 1 in. Residential Meters:
    - a. Tapping saddle shall be Ford Brass Saddles Hinged Series S91 for PVC and Series 202B IP for DIP Min 1 inch.
    - b. Corporation Stop shall be Ford F1100-4.
    - c. Meter Setter shall Be Ford TVB-72-15W-44-44 with ST-2 S-pipe.
      - d. The pressure reducing valve shall be Watts LF5M3Z6.
    - e. Meter Vault shall be ADS N-12 corrugated plastic of appropriate size (min. 20 in.), with Ford Wabash lid cover with Clay & Bailey extension ring.
  2. 1, 1-1/2, and 2 in. Meters for Commercial or Multi-family Residential Use:

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City of Osage Beach  
SECTION 2 – WATER SYSTEM

- a. Tapping saddle shall be Ford Tapping saddle shall be Ford Brass Saddles Hinged Series S91 for PVC and Series 202B IP for DIP. It shall be a 2-in tap with 2-in service line to the meter.
  - b. Corporation Stop shall be Ford FB1100-7.
  - c. Meter Setter shall Be Ford TVV-76-18B-41-66 for 1 ½” and TVV-77-18B-41-77.
  - d. The pressure reducing valve shall be Watts LF25AUB-23.
  - e. Meter Vault shall be ADS N-12 corrugated plastic of appropriate size (min. 20 in.), with Ford Wabash lid cover with Clay & Bailey extension ring.
3. Meter larger than two inch.
- a. Tap, valves, fittings, and meter service line shall be not less than 2 in. and shall be equal to or one size larger than the building service line. The meter, pressure reducing valve, and dual check backflow assembly may be one size smaller than the meter service line (i.e. 4 in. tap, 4 in. gate valve, 4 in. meter service line, 3 in. meter, 3 in. PRV, 3 in. dual check assembly, 4 in stub-out for building service line).
  - b. Tapping sleeve shall be Ford Style FAST, stainless steel flange.
  - c. Gate Valve shall be as specified above.
  - d. Fittings and flanged coupling adapters as specified above.
  - e. Pressure Reducing Valve shall be CLA-VAL Series 690, ductile iron body, pressure class 250.
  - f. Back-flow Assemblies shall be CLA-VAL Model DC7L dual check valves, Class 250.

**WATERLINE AND APPURTENANCE INSTALLATION REQUIREMENTS**

**A. Waterline Installation**

1. The minimum depth of cover is 36 in. above the top of the pipe.
2. The maximum depth of cover for waterlines is eight (8) ft. unless specifically authorized in writing by the Public Works Director or designee.
3. Blue minimum four inch wide marking tape marked “waterline below” shall installed twelve inches above all waterlines.
4. No. 12 solid copper toning wire shall be installed three inches above all city owned waterlines and shall be extended to all valves, hydrants, metersets, and terminus points.

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

5. Bedding shall be installed around the pipe from 6 inches below to 12 inches above the pipe. Bedding shall be nominal ½ inch minus crushed rock conforming to MoDOT Section 1004, Grade D, Chat, or pea-gravel, or Osage River Sand. Any material used shall have a PI of six or less.
  6. Waterlines shall be separated by a minimum of 18 inches vertically and 10 feet horizontally from sanitary/storm sewer lines or sanitary/sewer sewer line appurtenances unless:
    - a. At crossings the water or sewer has an encasement to a point ten feet on either side of the sewer/water line crossing as appropriate. No joints shall occur in either the water or sewer line within the 20 ft. area. The encasement may be a free draining sleeve or an impervious concrete encasement a minimum of 12 in. thick.
    - b. For parallel lines closer than ten feet, exceptions can be made with prior approval of the Public Works Director or designee. Generally, this will require a separate trench with water main 18 inches above the sewer, or a benched trench with water 18 inches above the sewer or the waterline must be above and encased in a free draining sleeve drained to daylight.
  7. Primary power lines of 480 volts or higher shall not be placed in the same trench with any other utility. See Section 6 Road Cuts, Utility Trenches, and Excavation.
  8. Secondary power may be installed in an offset trench with water lines. See Section 6 Road Cuts, Utility Trenches, and Excavation.
- B. Valve Locations
1. To the maximum extent practicable locate isolation and shut-off valve outside of roadways and paved surfaces.
  2. When valves must be located within roadways and paved surfaces a cast or ductile iron valve box with valve box cover marked “water”. The box shall be flush with the pavement to ¼ in. below the finished pavement surface. The cover shall be set in a minimum 6 in. deep by 18 in. square concrete pad.
  3. Post Indicating Valves shall be located a minimum of 5 feet from the building that they are servicing.
- C. Water Meter Locations
1. As a general case water meters will be located on the customer’s property immediately inside the property line from the city roadway or platted roadway property line.

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

2. Meters will be set in traffic type boxes only with prior written consent of the Public Works Director or designee.
- D. Installation of Meter Assembly:
1. Residential and commercial hookup – 5/8 inch through 1 inch:
    - a. The Owner shall furnish and install the tap, meter service line, meterset, lockable shut-off valve, pressure reducing valve, and the tandem meter setter, and meter vault
    - b. The City will furnish the water meter and transponder.
    - c. The meter installation shall be as detailed in the attached Typical Meter Installation Detail.
  2. Residential and commercial hookup – 1-1/2 inch and 2 inch:
    - a. The Owner shall furnish and install the tap, meter service line, meterset, lockable shut-off valve, pressure reducing valve, and the tandem meter setter, and meter vault
    - b. The City will furnish the water meter and transponder.
    - c. The meter installation shall be in accordance with the attached Typical Meter Installation for 1-1/2 and 2 inch Meters.
  3. Domestic Service Connections 2-1/2 inch and larger:
    - a. These are considered as custom installation with the technical requirements varying for each installation. The owner shall provide construction drawings by a Registered Professional Engineer for approval. The owner shall furnish and install all materials and appurtenances for a complete and operable service connection.
- E. Fire Hydrant Locations
1. Fire hydrants shall be located ten feet from the edge of pavement or immediately inside the property owners land per the easement which ever shall be the farthest from the edge of pavement. Hydrant and auxiliary valve should both be outside the roadway ditch areas.
  2. Fire hydrants shall be located such that a clear work area a minimum of five feet in diameter exists around the hydrant.
  3. All fire hydrant locations must be immediately accessible by fire vehicle.
  4. Fire hydrants shall be installed with the 4-1/2 in pumper outlet toward the street or access point.
  5. Fire hydrants shall be installed such that finish grade is between three inches below and level with the hydrant base ring.

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

WATERLINE INSPECTION AND TESTING FOR ACCEPTANCE

A. Inspections:

1. As a part of the platting and permitting process the developer/owner shall submit full and complete engineering drawings sealed by a Registered Professional Engineer in the State of Missouri. The design and materials specified shall conform to the requirements of the City of Osage Beach Design Guidelines. Such drawings shall be reviewed and approved by the Public Works Director or designee prior to any onsite construction.
2. During the progress of the work each utility line shall be inspected by the Public Works Department prior to trench backfill.

B. Water Main Leakage Tests

1. All water mains constructed by or for the City of Osage Beach shall be tested for leakage to the standards specified herein before they shall be accepted for service. A representative of the City shall be present during all testing.
2. Testing shall be by hydraulic means only. Air or vacuum tests will not be accepted.
3. Testing procedure is as follows:
  - a. Upon completion of the water main it shall be cleaned and all dirt, trash, debris, and deleterious materials removed from the line.
  - b. Filled to capacity and all extraneous air removed.
  - c. Pressurize to 75 psi above normal working pressure at the test location and hold for a period of not less than two hours.
  - d. At the end of the testing period the line shall be refilled with water and the amount of water to refill the line shall be measured and recorded.
  - e. The amount of water to refill the line must be less than the maximum allowable leakage. The maximum allowable leakage shall be computed thusly:

$$Q_{\text{Loss}} = \text{SDP}^{1/2} / 133000$$

Where:

$Q_{\text{Loss}}$  = Maximum allowable leakage  
 $S$  = Length of the section tested in feet  
 $D$  = Diameter of the pipe in inches  
 $P$  = Test Pressure, PSI

C. Cleanup, Chlorination, and Bacteriological Testing

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM

1. Prior to final acceptance and after pressure testing of the waterline the contractor/owner shall:
  - a. Thoroughly flush all sediment, debris, and deleterious materials out of the line.
  - b. Fill the line with chlorinated water, chlorinated to not less than 50 ppm, and let stand for 24 hours.
  - c. At the end of 24 hours the line shall be thoroughly flushed and refilled with chlorinated water, chlorinated to 200 ppm and allowed to stand for three hours.
  - d. The line shall then be thoroughly flushed and bacteriological samples taken. Samples shall be forwarded to a certified laboratory for testing. Upon receipt of passing test results, and with the authorization of the City the line may be placed in service.

Prior to placing the waterline in service the City Representative shall be presented with certified pressure test results, certified passing biological test results, and written certification that the waterline and appurtenances have been constructed in accordance with MDNR and City of Osage Beach standards.

**D. Privately Owned Systems**

1. Privately owned water mains within subdivisions where the mains are to remain the property of, and be maintained, by the subdivision owner and connected to the City of Osage Beach water system shall be tested as specified herein. Building service lines between the water meter and the building shall be tested in accordance with the International Plumbing Code and as accepted by the Department of Public Works at the time the meter is activated.
2. A written certification of waterline test completion is required.

**AS CONSTRUCTED DRAWINGS AND MAINTENANCE DOCUMENTS**

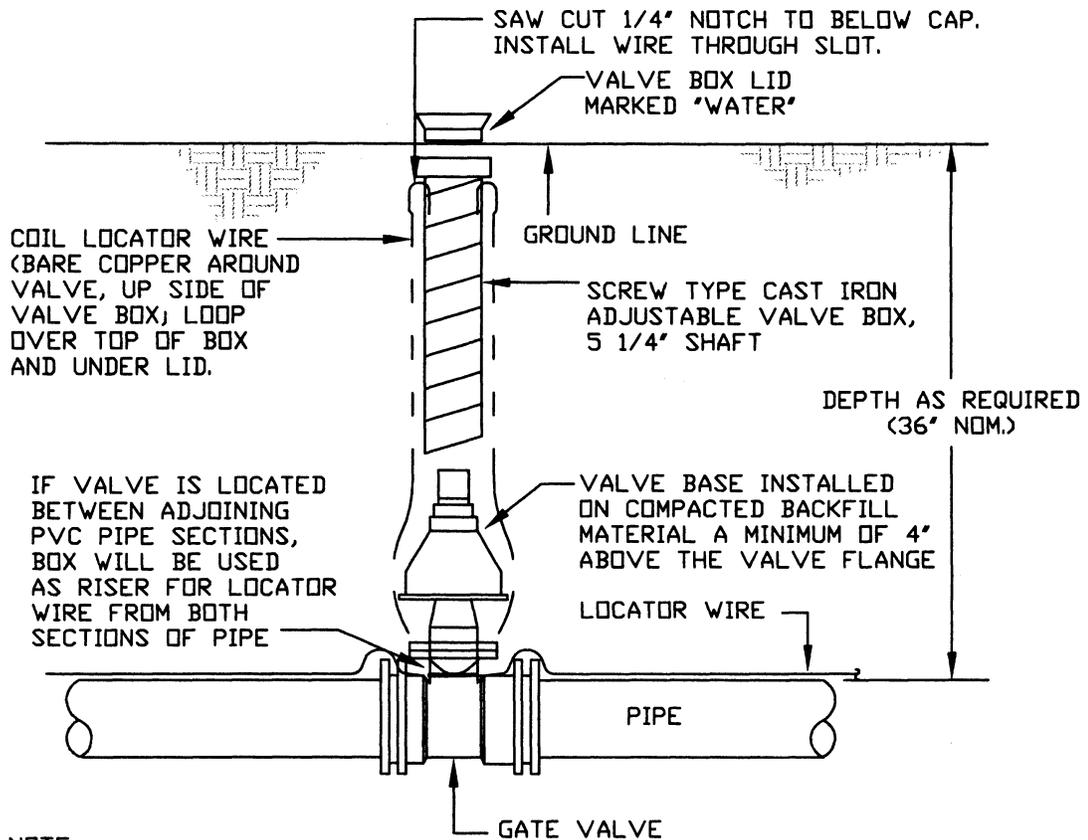
The Developer/Contractor shall provide the Public Works Department with not less than two full sized "As Constructed" drawings certified as being correct record drawings by a Registered Professional Engineer or Land Surveyor. If fire pumps, specialized standby equipment, etc. are to be turned over the City two full sets of operational and maintenance data for each pump or system shall be provided to the Public Works Director or designee.

**WATERLINE AND APPURTENANCES CONSTRUCTION DETAIL DRAWINGS**

Construction details and sketches are attached.

END

Design Guideline  
City of Osage Beach  
SECTION 2 – WATER SYSTEM



NOTE:  
 6" PVC PIPE WITH CAST IRON OR ALUMINUM CAP AND LID MAY BE SUBSTITUTED FOR SCREW TYPE CAST IRON VALVE BOX IN OUT OF TRAFFIC AREAS.

Date Revised:  
 OCTOBER 2004

sh

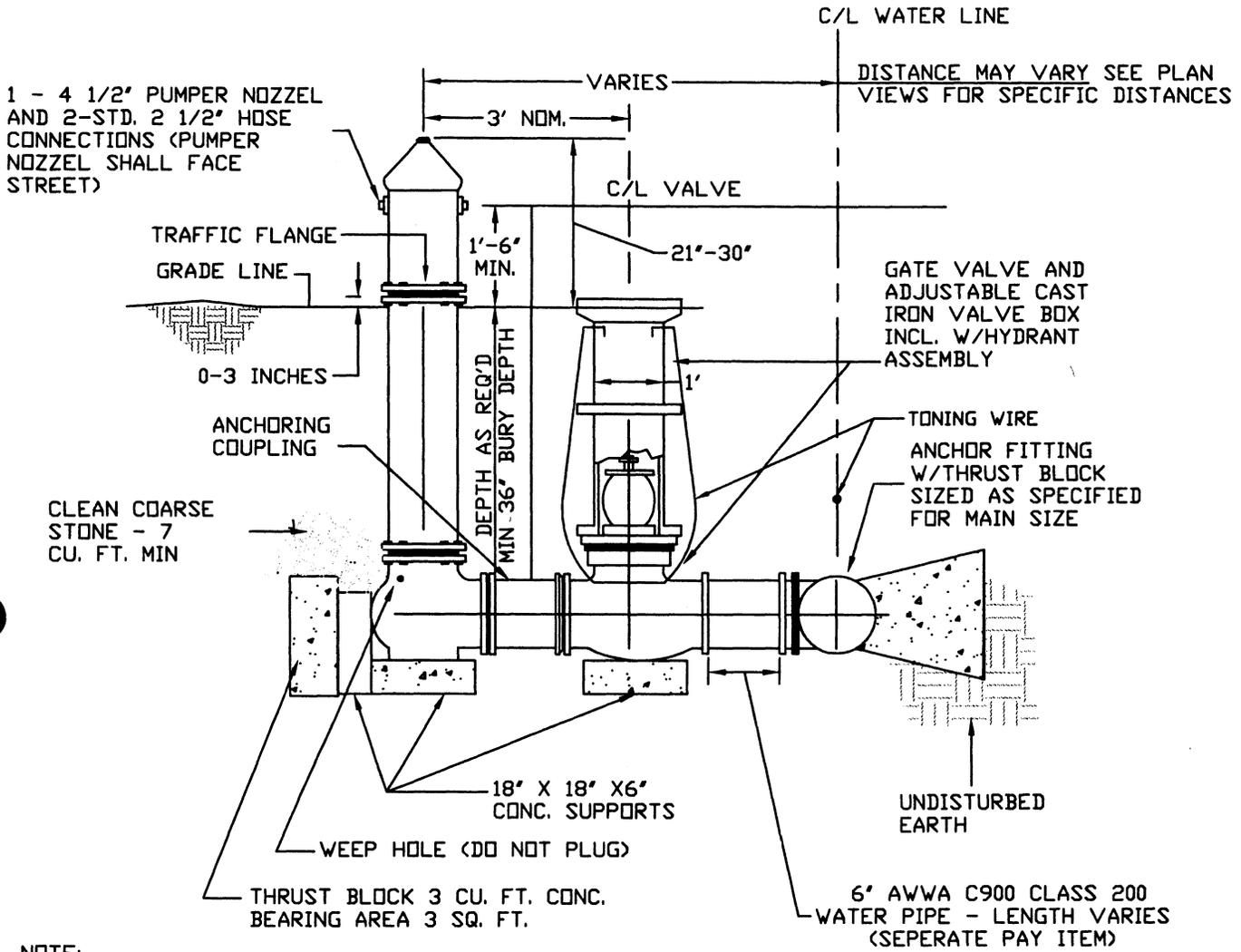
Checked By:  
 jk

CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 GATE VALVE INSTALLATION  
 NOT TO SCALE

Design Guideline:  
 SECTION 2

WATER SYSTEM

Drawing No:  
 II-1



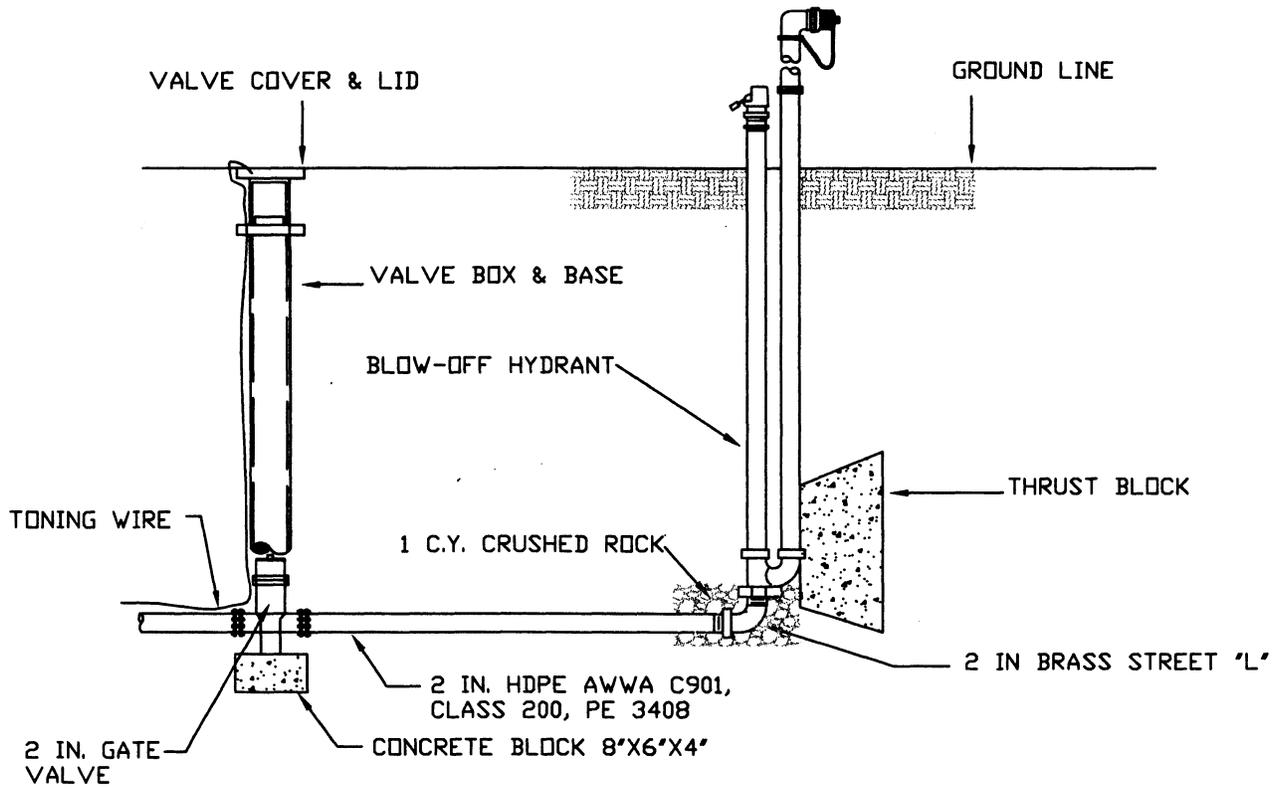
NOTE:  
RETAINER GLANDS REQUIRED ON ALL FITTINGS.  
RESTRAINED JOINTS SHALL BE REQUIRED WHERE INDICATED OR DICTATED BY AVAILABLE SPACE OR UNSUITABLE SOIL CONDITIONS.

Date Revised: OCTOBER 2004
sh
Checked By: jb

CITY OF OSAGE BEACH  
TYPICAL DETAIL  
FIRE HYDRANT  
NOT TO SCALE

Design Guideline: SECTION 2
WATER SYSTEM
Drawing No: II-2

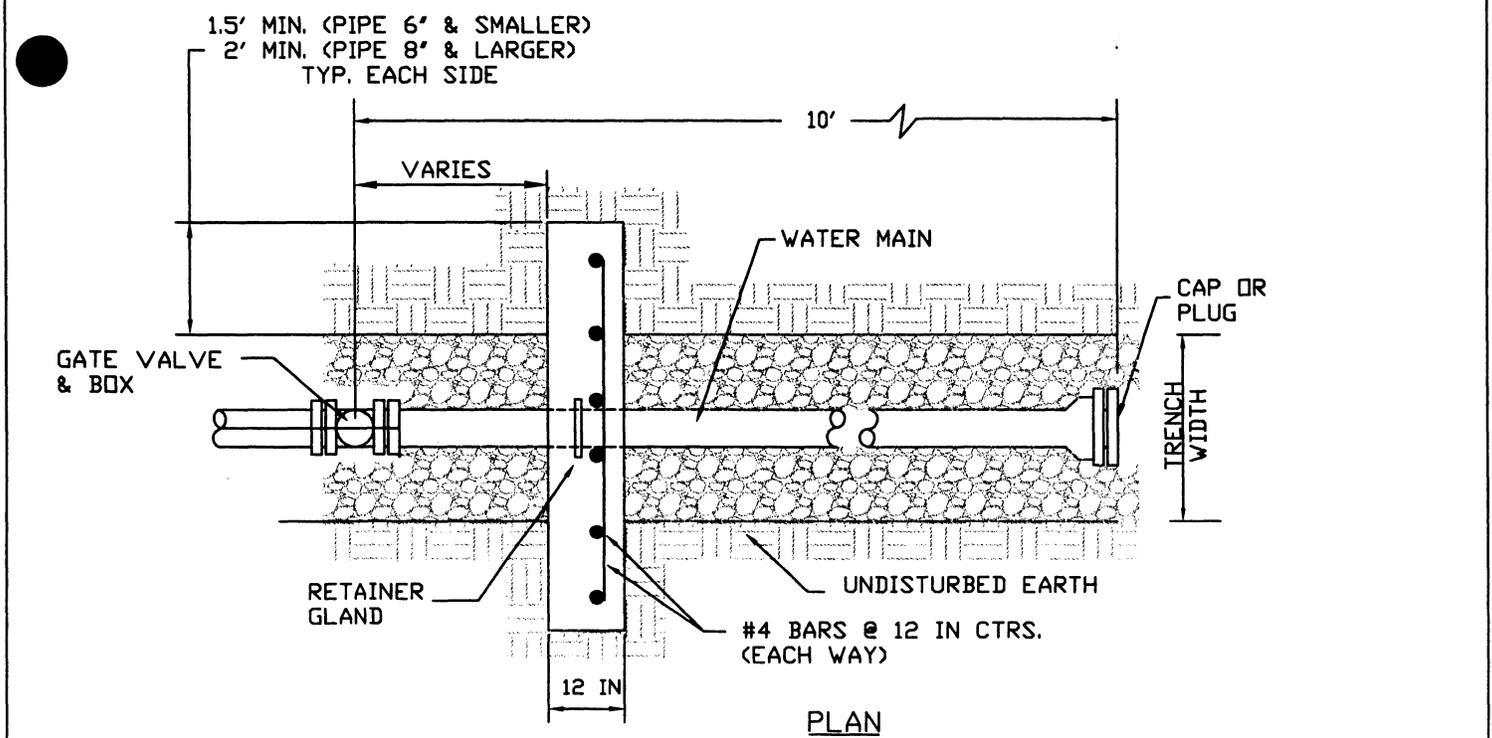
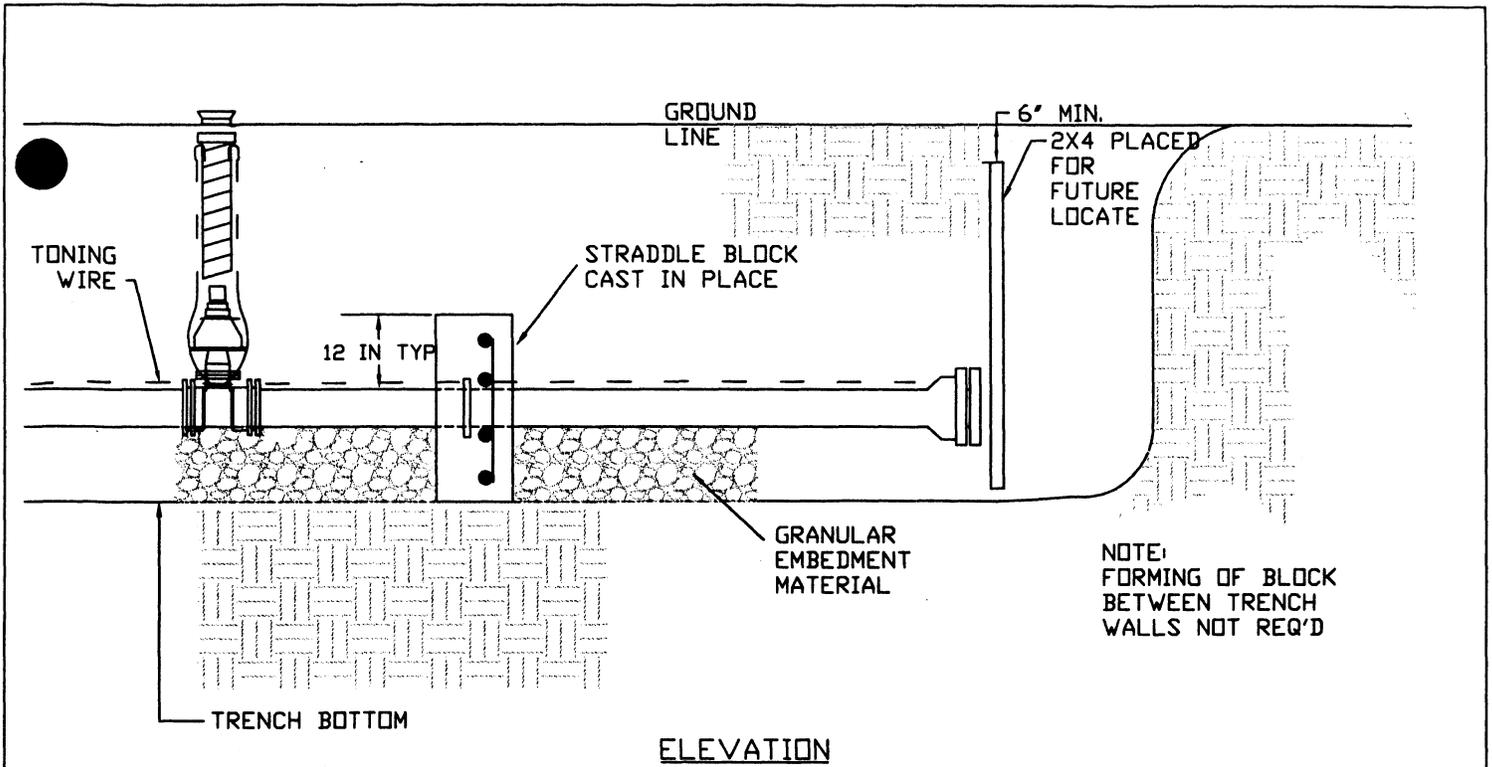
NOTE:  
CONTRACTOR SHALL FIELD VERIFY WITH  
ENGINEER DIRECTION OF BLOW OFF HYDRANT.



Date Revised: OCTOBER 2004
sh
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CITY OF OSAGE BEACH  
TYPICAL DETAIL  
BLOWOFF ASSEMBLY  
NOT TO SCALE

Design Guideline: SECTION 2
WATER SYSTEM
Drawing No: II-4



Date Revised: OCTOBER 2004

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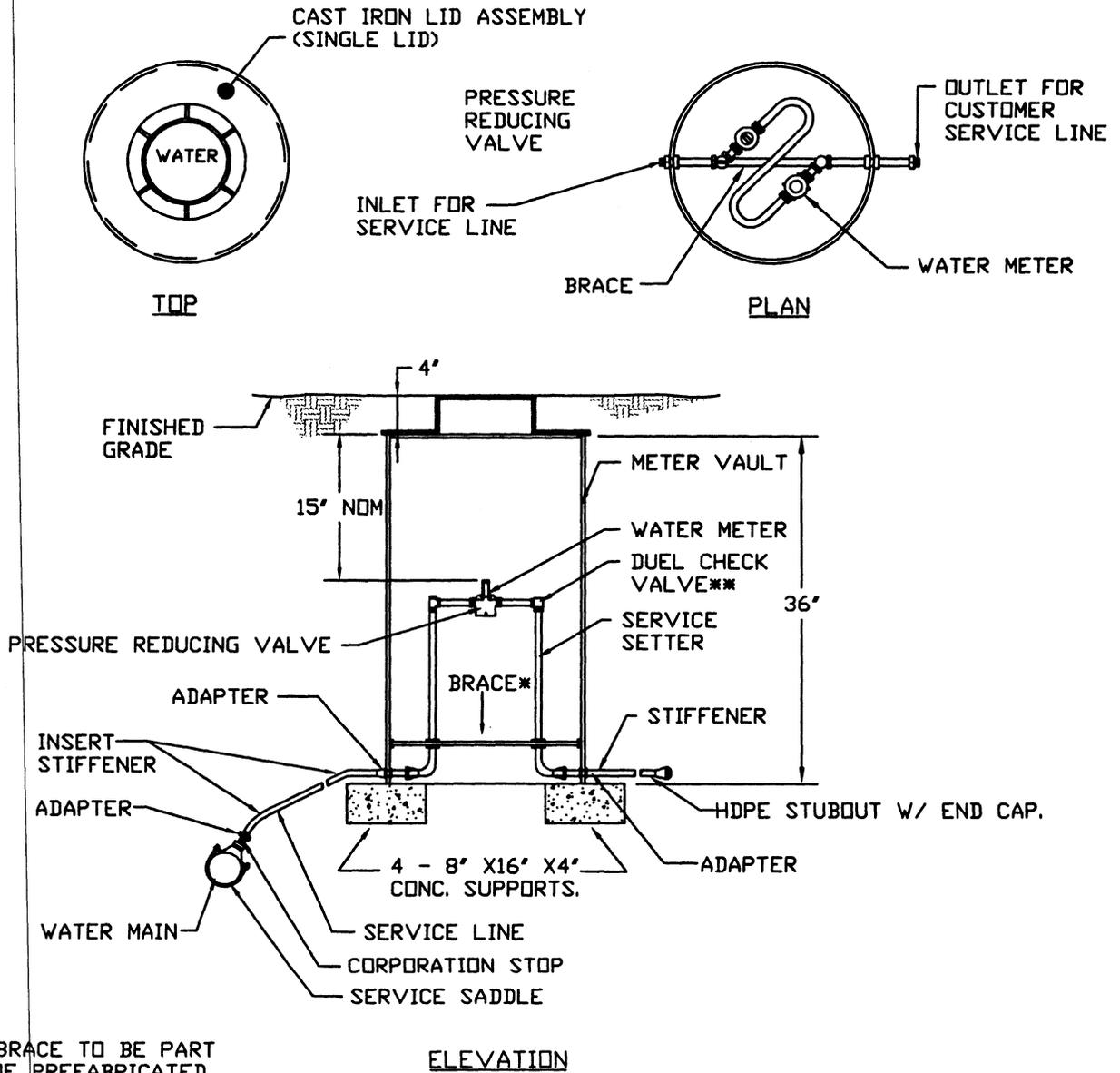
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CITY OF OSAGE BEACH  
TYPICAL DETAIL  
WATER LINE TERMINATION  
NOT TO SCALE

Design Guideline: SECTION 2

WATER SYSTEM

Drawing No: II-5



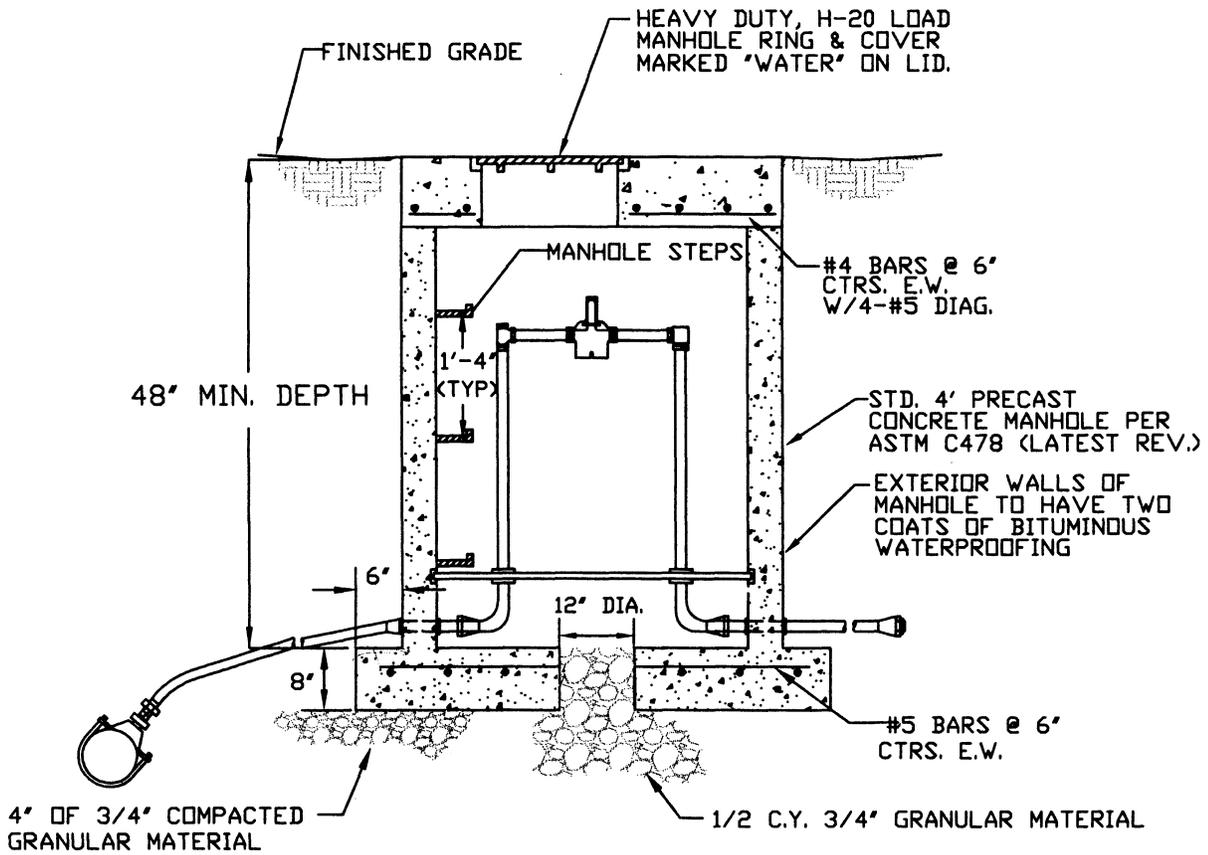
NOTES: \*BRACE TO BE PART OF PREFABRICATED METER WELL.  
 \*\*NOT TO BE PLACED ON RESIDENTIAL LINES

NOT TO SCALE

Date Revised: OCTOBER, 2004  
 By: sh  
 Checked By: JB

CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 TYPICAL TANDEM METER SETTING  
 SIDEWALK OR LAWN  
 5/8"x3/4", 1", 1-1/2" OR 2" METERS

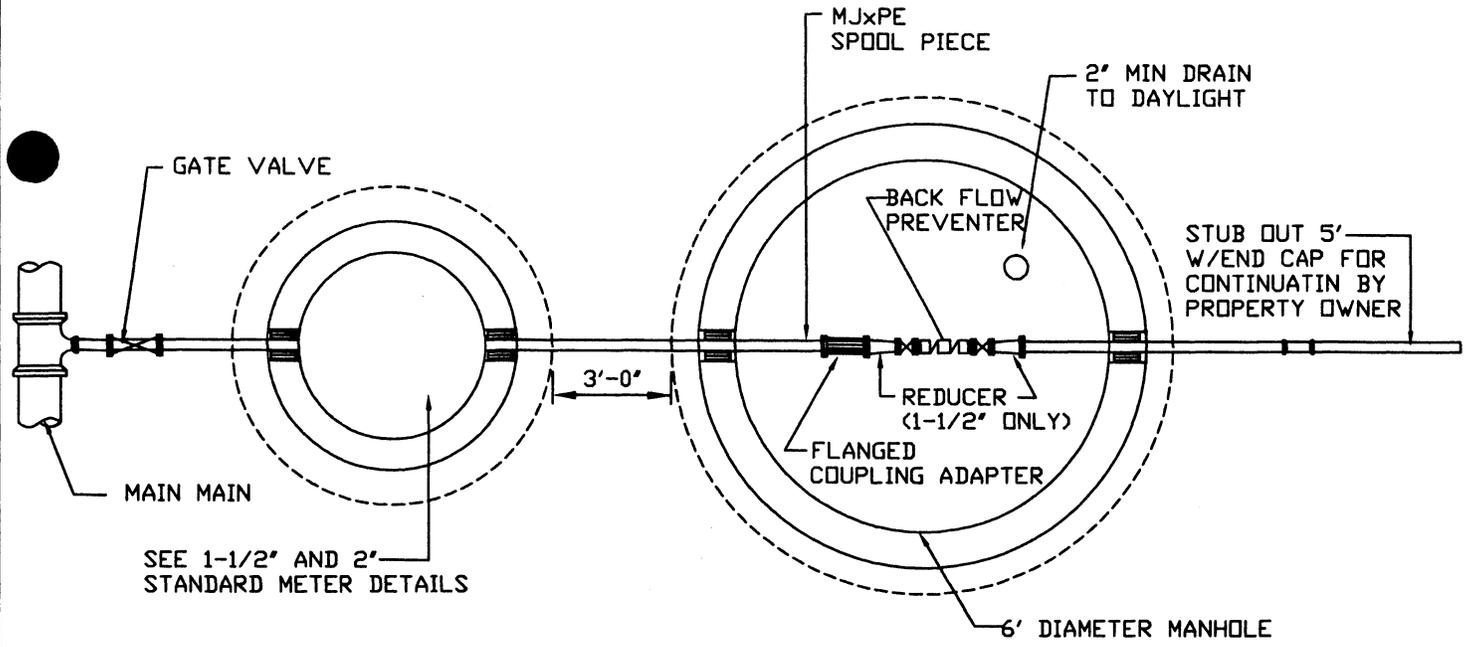
Design Guideline: SECTION 2  
 WATER SYSTEM  
 Drawing No.: II-6



Date Revised: OCTOBER, 2004  
 By: sh  
 Checked By: JB

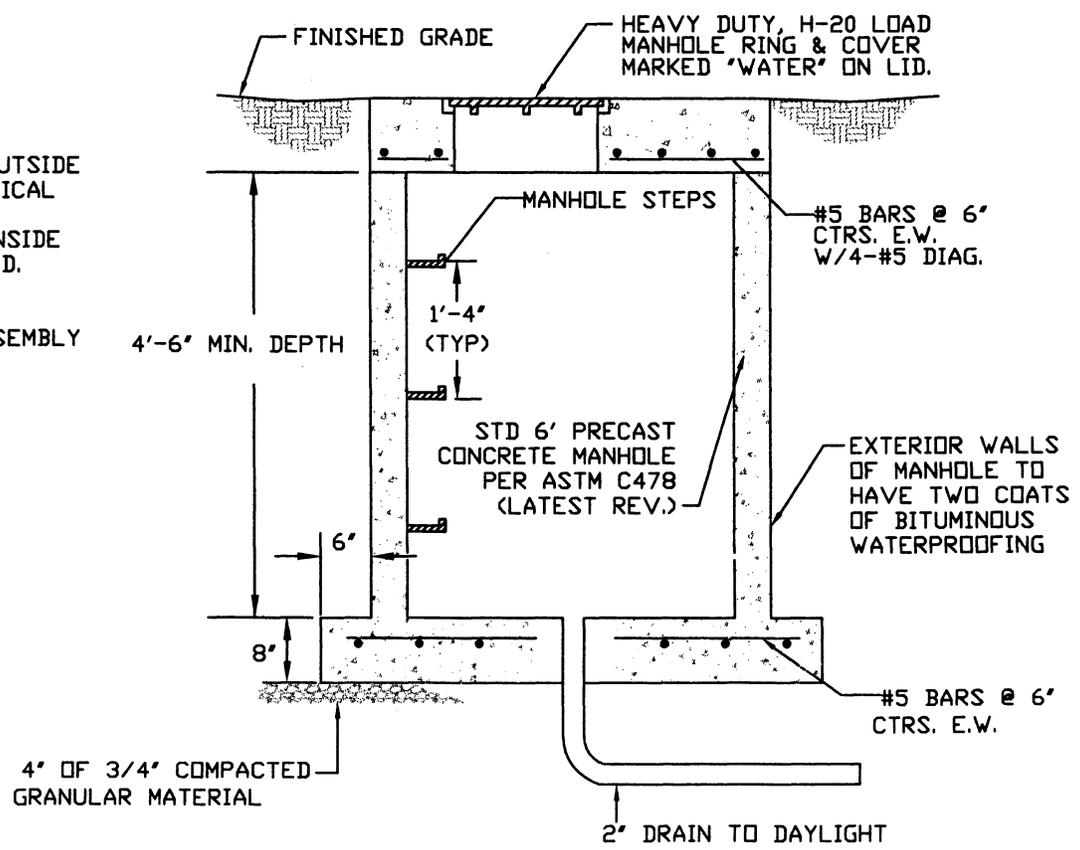
CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 METER VAULT  
 DRIVEWAY OR PARKING AREA  
 NOT TO SCALE

Design Guideline:  
 SECTION 2  
 WATER SYSTEM  
 Drawing No.: II-7



PLAN VIEW (TOP REMOVED)

- NOTES:
1. ALL PIPE AND FITTINGS OUTSIDE VAULTS SHALL BE MECHANICAL JOINT.
  2. ALL PIPE AND FITTINGS INSIDE VAULTS SHALL BE FLANGED.
  3. PROVIDE ADEQUATE PIPE SUPPORT AS REQUIRED.
  4. BACKFLOW PREVENTER ASSEMBLY MIN. OF 12" OFF FLOOR.



BACKFLOW PREVENTER ELEVATION

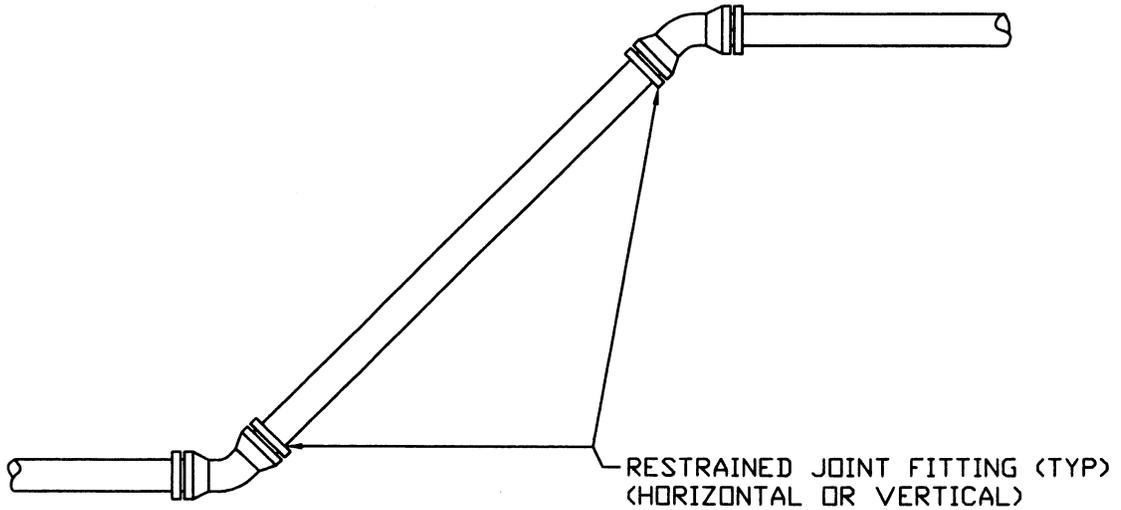
Date Revised:	OCTOBER, 2004
By:	sh
Checked By:	JB

CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 1½" TO 2" METER, PRESSURE REDUCING  
 VALVE WITH BACKFLOW PREVENTER  
 NOT TO SCALE

Design Guideline:	SECTION 2
	WATER SYSTEM
Drawing No.:	II-8

SCHEDULE (6" THROUGH 12" PIPE)

- 90° BEND - 60 LF EACH SIDE OF FITTING
- 45° BEND - 30 LF EACH SIDE OF FITTING
- 22.5° BEND - 20 LF EACH SIDE OF FITTING
- 11.25° BEND - 10 LF EACH SIDE OF FITTING



NOTE:  
LENGTHS SHOWN ARE BASED ON DIP WITH POLYETHYLENE  
ENCASEMENT. ADJUST AS REQUIRED FOR OTHER PIPE  
MATERIALS.

Date Revised: OCTOBER 2004
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CITY OF OSAGE BEACH  
TYPICAL DETAIL  
RESTRAINED JOINT PIPE  
NOT TO SCALE

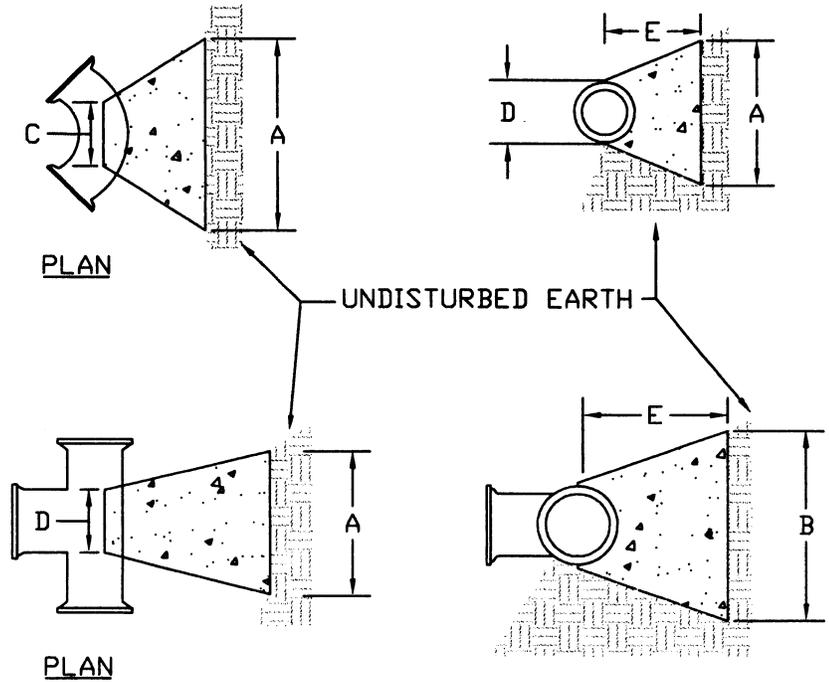
Design Guideline: SECTION 2
WATER SYSTEM
Drawing No: II-9

### PIPE SIZE CHART

PIPE SIZE	FITTING	DISTANCE IN INCHES				
		A	B	C	D	E
4" AND SMALLER	11.25 & 22.5"	9	9	8	8	6
	45 DEGREE	18	9	8	8	12
	90 DEGREE	21	12	8	8	12
	TEE/PLUG	15	12	8	8	12
6"	11.25 & 22.5"	12	12	8	10	12
	45 DEGREE	27	12	8	10	12
	90 DEGREE	33	18	8	10	12
	TEE/PLUG	24	18	8	10	12
8"	11.25 & 22.5"	18	15	8	10	12
	45 DEGREE	33	15	8	10	18
	90 DEGREE	42	24	8	10	18
	TEE/PLUG	30	24	8	10	18
10" & 12"	11.25 & 22.5"	27	24	12	12	18
	45 DEGREE	51	24	12	12	24
	90 DEGREE	63	36	12	12	30
	TEE/PLUG	45	36	12	12	24
14" & 16"	11.25 & 22.5"	33	33	12	16	18
	45 DEGREE	69	33	12	16	30
	90 DEGREE	84	48	12	16	36
	TEE/PLUG	60	48	12	16	30

**NOTES:**

1. THRUST BLOCKS ARE BASED ON A WORKING PRESSURE OF 200 P.S.I. PLUS 0% SURGE & 2000 P.S.F. ALLOWABLE SOIL BEARING PRESSURE.
2. FOR PIPE SIZES NOT SHOWN USE DIMENSIONS FOR NEXT LARGER SIZE.
3. USE 3/8" PLYWOOD SEPARATOR BETWEEN BLOCKS AND PLUGS TO PROVIDE FOR FUTURE REMOVAL.

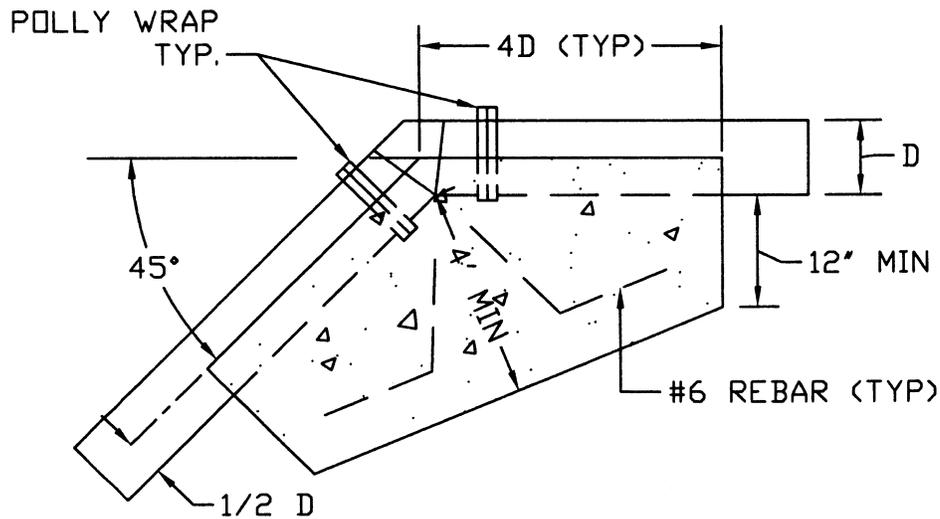
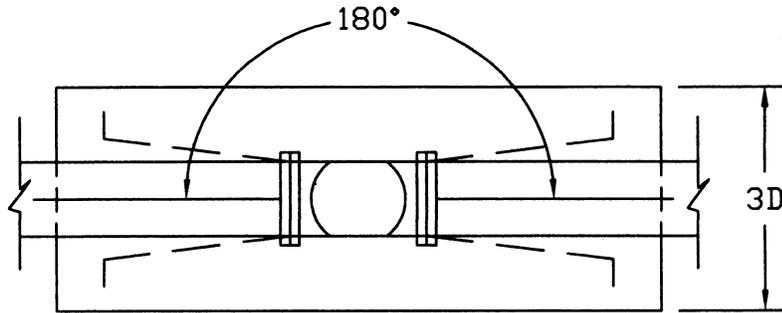


Date Revised: OCTOBER 2004  
 By: sh  
 Checked By: jb

CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 THRUST BLOCK DETAIL  
 NOT TO SCALE

Design Guideline: SECTION 2  
 WATER SYSTEM  
 Drawing No: II-10

NOTE:  
 MJ FITTING WITH RETAINER GLANDS  
 REQUIRED FOR ALL VERTICAL BENDS



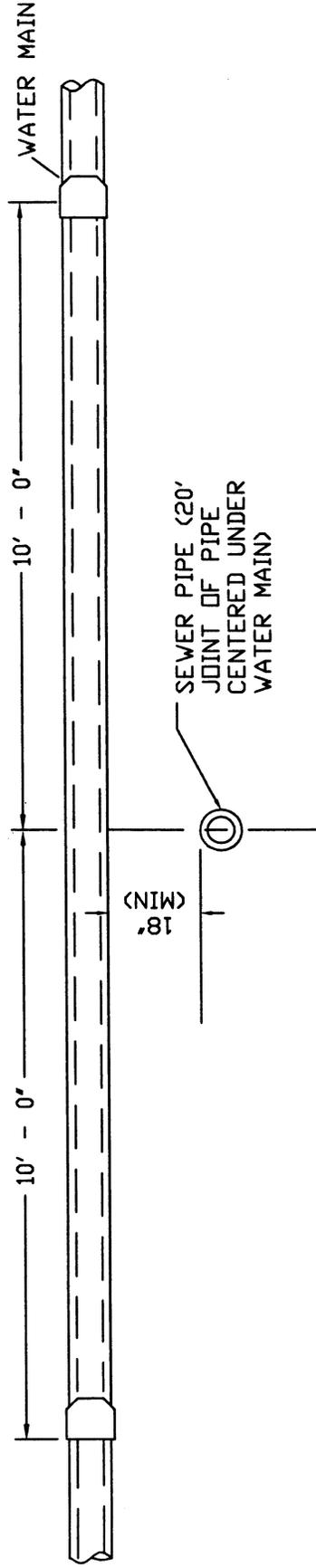
Date Revised: OCTOBER 2004  
 By: sh  
 Checked By: jb

CITY OF OSAGE BEACH  
 TYPICAL DETAIL  
 VERTICAL BEND THRUST BLOCK  
 NOT TO SCALE

Design Guideline: SECTION 2  
 WATER SYSTEM  
 Drawing No: II-11

GROUND  
LINE

36' (MIN COVER)



Date Revised:  
OCTOBER 2004

By: sh

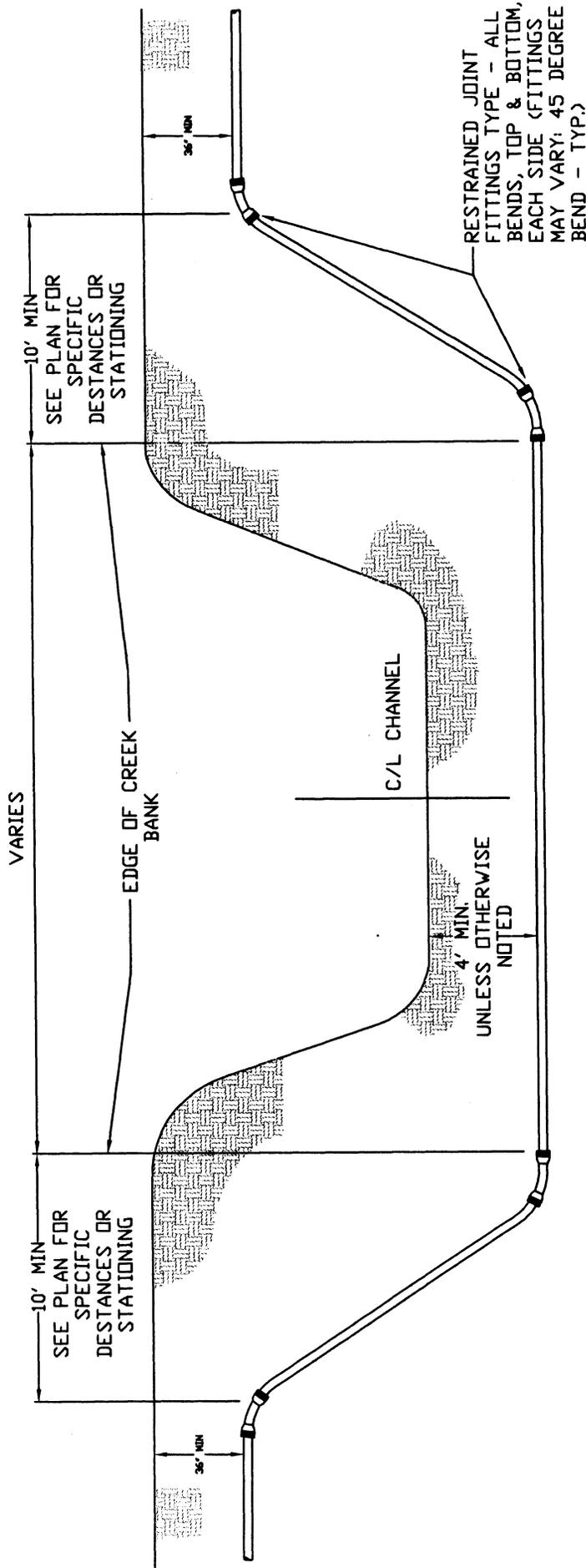
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Design Guideline:  
SECTION 2

WATER SYSTEM

Drawing No: 00  
II-12

CITY OF OSAGE BEACH  
TYPICAL DETAIL  
WATER SEWER CROSSING  
NOT TO SCALE



CITY OF OSAGE BEACH  
TYPICAL DETAIL  
CREEK CROSSING  
NOT TO SCALE

Date Revised:  
OCTOBER 2004

By:  
sh

Checked By:  
jlb

Design Guideline:

SECTION 2

WATER SYSTEM

Drawing No:  
II-13

**Submission Date:** October 15, 2014

**Submitted By:** Public Works Director

**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
BOARD OF ALDERMEN  
AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Application for the Transportation Alternatives Program (TAP) Funds

**Names of Persons, Businesses, Organizations affected by this action:**

Citizens of Osage Beach, contractors, material suppliers, and City Staff

**Why is Board Action Required?**

Board approval required for contracts over \$5000.00

**Type of Action Requested (Ordinance, Resolution, Motion):**

Motion

**Are there any deadlines associated with this action?**

The TAP application deadline is November 14, 2014

**Budget Line / Source of Funds**

This item would be included in the 2015 and 2016 Budgets

**Comments and Recommendation of Department:**

City Staff has talked with the Osage Beach Special Road District about the fact that we are applying for funds for Osage Beach Parkway Phase 4. We asked the Road District if they would like to help fund an additional project. The next sidewalk project in the priority list along Osage Beach Parkway is from Mace Road to the signal at Osage Beach Parkway and Barry Prewitt Memorial Drive. This section includes the bridge over Route 54. We would look at making accommodations on the bridge. MoDOT included this project in their proposed ¾ cent sales tax.

The maximum amount of grant award for this project is \$500,000. This is an 80 – 20 grant which means the City will have to come up with the 20 %. This would come out to

be \$125,000 for the City's portion which the Osage Beach Special Road District said they would pay for if the City obtained both grants.

If we submit both applications, we would prioritize the applications as the Case Road to Arby's first and Mace Road to Barry Prewitt Memorial Drive second.

The Public Works Department would like to apply for TAP funds.

**City Administrator's Comments and Recommendation:**

Request motion to allow Staff to proceed with the grant application.

**Submission Date:** September 23, 2014

**Submitted By:** IT Operations Manager

**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
BOARD OF ALDERMEN  
AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Purchase a VM Host (Server) and a Backup Server

**Names of Persons, Businesses, Organizations affected by this action:**

City of Osage Beach

**Why is Board Action Required?**

Price Exceeds \$5,000.00

**Type of Action Requested (Ordinance, Resolution, Motion):**

Motion to approve purchase of a VM Host (Server) and a Backup Server from Dell (State Contract).

**Are there any deadlines associated with this action?**

None

**Budget Line / Source of Funds**

1019-774250

**Comments and Recommendation of Department:**

The purchase of these two servers moves the City closer to full operational capacity for the Virtual Desktops and Servers and for the Backup and Recovery system. The software for Backup and Recovery was purchased earlier this year and has been tested and is currently functioning on an older server. The end goal is to have dual backup servers the second of which will be budgeted for next year. The total for these two servers is \$27,999.78 (one at \$11,752.71 and one at \$14,688.59) plus \$1,558.48 for software and accessories.

**City Administrator Comments and Recommendation:**

Concur with the recommendation of the IT Operations Manager.

**QUOTATION**

Quote #: 691484969  
 Customer #: 53380982  
 Contract #: WN16ACA  
 Customer Agreement #: MO PA B27160  
 Quote Date: 09/22/2014  
 Customer Name: CITY OF OSAGE BEACH, MO

Date: 9/22/2014

Thanks for choosing Dell! Your quote is detailed below; please review the quote for product and informational accuracy. If you find errors or desire certain changes please contact your sales professional as soon as possible.

**Sales Professional Information**

SALES REP: TY F SWENSON      PHONE: 1800 - 4563355  
 Email Address: [Wesley\\_Dewald@Dell.com](mailto:Wesley_Dewald@Dell.com)      Phone Ext: 80000

**GROUP: 1    QUANTITY: 1    SYSTEM PRICE: \$11,752.71    GROUP TOTAL: \$11,752.71**

Description	Quantity
PowerEdge R720, Intel Xeon E-26XX Processors (210-ABVP)	1
PowerEdge R720 Motherboard, TPM (591-BBBP)	1
Dell Hardware Limited Warranty Plus On Site Service Extended Year (939-2678)	1
Dell Hardware Limited Warranty Plus On Site Service Initial Year (939-2768)	1
Dell ProSupport Plus. For tech support, visit <a href="http://www.dell.com/prosupport/regionalcontacts">www.dell.com/prosupport/regionalcontacts</a> (951-2015)	1
ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (951-7898)	1
ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (951-7904)	1
ProSupport Plus: 7x24 HW/SW Tech Support and Assistance, 5 Year (951-7923)	1
On-Site Installation Declined (900-9997)	1
PowerEdge R720 Shipping (331-4437)	1
Risers with up to 4, x8 PCIe Slots + 2, x16 PCIe Slot (331-4439)	1
Broadcom 5719 QP 1Gb Network Interface Card (430-4425)	1
iDRAC7 Enterprise (421-5339)	1
Broadcom 5720 QP 1Gb Network Daughter Card (430-4418)	1
2.5" Chassis with up to 16 Hard Drives (317-8474)	1
Bezel (318-1375)	1
Performance BIOS Setting (330-3492)	1
RAID 1 for H710P/H710/H310 (2 HDDs) (331-4381)	1
PERC H710P Integrated RAID Controller, 1GB NV Cache (342-3531)	1
Intel Xeon E5-2670 2.60GHz, 20M Cache, 8.0GT/s QPI, Turbo, 8C, 115W, Max Mem 1600MHz (317-9596)	1
Heat Sink for PowerEdge R720 and R720xd (331-4508)	1
DIMM Blanks for Systems with 2 Processors (317-8688)	1
Intel Xeon E5-2670 2.60GHz, 20M Cache, 8.0GT/s QPI, Turbo, 8C, 115W (317-9610)	1
Heat Sink for PowerEdge R720 and R720xd (331-4508)	1
16GB RDIMM, 1600MT/s, Low Volt, Dual Rank, x4 Data Width (319-1812)	16
1600MT/s RDIMMS (331-4424)	1

Performance Optimized (331-4428)	1
146GB 15K RPM SAS 6Gbps 2.5in Hot-plug Hard Drive (342-0427)	2
No System Documentation, No OpenManage DVD Kit (310-5171)	1
DVD ROM, SATA, INTERNAL (313-9092)	1
ReadyRails Sliding Rails With Cable Management Arm (331-4433)	1
Dual, Hot-plug, Redundant Power Supply (1+1), 750W (331-4605)	1
Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)	2
No Operating System (420-6320)	1
No Media Required (421-5736)	1

**GROUP: 2 QUANTITY: 1 SYSTEM PRICE: \$14,688.59 GROUP TOTAL: \$14,688.59**

Description	Quantity
PowerEdge R730xd Server (210-ADBC)	1
PowerEdge R730/xd Motherboard (591-BBCH)	1
Dell ProSupport Plus. For tech support, visit <a href="http://www.dell.com/prosupport/regionalcontacts">www.dell.com/prosupport/regionalcontacts</a> (951-2015)	1
Dell Hardware Limited Warranty Plus On Site Service Extended Year (955-9041)	1
Dell Hardware Limited Warranty Plus On Site Service (976-9007)	1
ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, 3 Year (976-9027)	1
ProSupport Plus: 7x24 HW/SW Tech Support and Assistance, 5 Year (976-9040)	1
ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch,EXT to 2 Year (976-9041)	1
On-Site Installation Declined (900-9997)	1
US Order (332-1286)	1
PowerEdge R730xd Shipping (340-AKPM)	1
R730/xd PCIe Riser 2, Center (330-BBCO)	1
R730/xd PCIe Riser 1, Right (330-BBCR)	1
Broadcom 5719 QP 1Gb Network Interface Card (540-BBCW)	1
Broadcom 5720 QP 1Gb Network Daughter Card (540-BBBW)	1
iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise (385-BBHO)	1
OpenManage Essentials, Server Configuration Management (634-BBWU)	1
Chassis with up to 12, 3.5" Hard Drives and 2, 2.5" Flex Bay Hard Drives (350-BBEW)	1
Quick Sync Bezel (350-BBER)	1
Performance BIOS Settings (384-BBBL)	1
RAID 1+RAID 5 for H330/H730/H730P (2 + 3-22 HDDs or SSDs) (780-BBLN)	1
PERC H730 Integrated RAID Controller, 1GB Cache (405-AAEG)	1
Intel Xeon E5-2620 v3 2.4GHz,15M Cache,8.00GT/s QPI,Turbo,HT,6C/12T (85W) Max Mem 1866MHz (338-BFFV)	1
Upgrade to Two Intel Xeon E5-2620 v3 2.4GHz,15M Cache,8.00GT/s QPI,Turbo,HT,6C/12T (85W) (374-BBHC)	1
8GB RDIMM, 2133MT/s, Dual Rank, x8 Data Width (370-ABUJ)	8
2133MT/s RDIMMs (370-ABUF)	1
Performance Optimized (370-AAIP)	1
300GB 15K RPM SAS 6Gbps 2.5in Flex Bay Hard Drive,13G (400-AEOE)	2
4TB 7.2K RPM NLSAS 6Gbps 3.5in Hot-plug Hard Drive,13G (400-AEGH)	8
Electronic System Documentation and OpenManage DVD Kit, PowerEdge R730/xd (631-AAJG)	1
ReadyRails Sliding Rails With Cable Management Arm (770-BBBR)	1

Dual, Hot-plug, Redundant Power Supply (1+1), 750W (450-ADWS)	1
NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America (450-AALV)	2
No Operating System (619-ABVR)	1
No Media Required (421-5736)	1
DIMM Blanks for System with 2 Processors (370-ABWE)	1
Standard Heatsink for PowerEdge R730/R730xd (374-BBHM)	1
Standard Heatsink for PowerEdge R730/R730xd (374-BBHM)	1

**SOFTWARE & ACCESSORIES****GROUP TOTAL: \$1,558.48**

Product	Quantity	Unit Price	Total
Dell 16 GB Certified Replacement Memory Module for Select Dell Systems - 2Rx4 RDIMM 1333MHz LV (Requires Westm (A6996789)	8	\$194.81	\$1,558.48

**\*Total Purchase Price: \$27,999.78****Product Subtotal: \$27,999.78****Tax: \$0.00****Shipping & Handling: \$0.00****State Environmental Fee: \$0.00****Shipping Method: LTL 5 DAY OR LESS***(\* Amount denoted in \$)***Statement of Conditions**

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For certain products shipped to end-users in California, a State Environmental Fee will be applied to your invoice. Dell encourages customers to dispose of electronic equipment properly.

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**Submission Date:** September 23, 2014

**Submitted By:** IT Operations Manager

**Board Meeting Date:** October 23, 2014

**City of Osage Beach  
BOARD OF ALDERMEN  
AGENDA ITEM SUMMARY SHEET**

**Description of Item:**

Purchase four (4) 911 Workstations

**Names of Persons, Businesses, Organizations affected by this action:**

City of Osage Beach

**Why is Board Action Required?**

Price Exceeds \$5,000.00

**Type of Action Requested (Ordinance, Resolution, Motion):**

Motion to approve purchase of four (4) Workstations for 911 from Dell (State Contract).

**Are there any deadlines associated with this action?**

None

**Budget Line / Source of Funds**

1019-774250

**Comments and Recommendation of Department:**

The purchase of these Workstations is a planned upgrade to the 911 Center computer workstations. The current workstations have been in continuous operation for over 8 years and have suffered several failures throughout the past year. The total cost for four Workstations is \$10,000.36 (\$2,500.09 each).

**City Administrator Comments and Recommendation:**

Concur with the recommendation of the IT Operations Manager.

**QUOTATION**

**Quote #:** 692621672  
**Customer #:** 53380982  
**Contract #:** WN16ACA  
**Customer Agreement #:** MO PA B27160  
**Quote Date:** 10/08/2014  
**Customer Name:** CITY OF OSAGE BEACH, MO

**Date:** 10/13/2014

Thanks for choosing Dell! Your quote is detailed below; please review the quote for product and informational accuracy. If you find errors or desire certain changes please contact your sales professional as soon as possible.

**Sales Professional Information**

**SALES REP:** KAYLA FISHER **PHONE:** 1800 - 4563355  
**Email Address:** [Kayla.F.Fisher@Dell.com](mailto:Kayla.F.Fisher@Dell.com) **Phone Ext:** 80000

**GROUP: 1 QUANTITY: 4 SYSTEM PRICE: \$2,182.57 GROUP TOTAL: \$8,730.28**

Description	Quantity
Dell Precision T5610 CTO Base (210-AAUF)	4
16GB (4x4GB) 1866MHz DDR3 ECC RDIMM (370-AATO)	4
US English (QWERTY) Dell KB212-B QuietKey USB Keyboard Black (580-AADG)	4
Display Not Included (480-AAJX)	4
DUAL 512MB AMD FirePro 2270 (2 cards w/ DMS59 each) (2DMS59 to 2DVI adapter) (490-BBMH)	4
500GB 3.5inch Serial ATA (7,200 Rpm) Hard Drive (400-AAWR)	4
Integrated Intel AHCI chipset SATA controller (2 x 6Gb/s, 4 x 3.0Gb/s) - SW RAID 0/1/5/10 (403-BBDT)	4
No Media Card Reader (385-BBBL)	4
Microsoft Office Trial, MUI, OptiPlex, Precision, Latitude (630-AABP)	4
Thank you for buying Dell (421-9982)	4
Dell Data Protection System Tools Digital Delivery/DT (422-0008)	4
Adobe Reader 11 (640-BBDH)	4
Dell Precision Optimizer (640-BBES)	4
Dell Data Protection   Protected Workspace (640-BBEW)	4
Visit <a href="http://www.dell.com/encryption">www.dell.com/encryption</a> (640-BBHR)	4
Not Selected in this Configuration (640-BBHS)	4
Dell Applications for Windows 7 (658-BBIH)	4
Non RAID (780-BBCJ)	4
No Anti-Virus Software (650-AAAJ)	4
Windows 7 Professional, Canada MUI, 64bit (includes Windows 8.1 Pro 64bit License and Media) (536-BBBJ)	4
US Order (332-1286)	4
Dell Precision T5610 685W Chassis (329-BBNL)	4
Dell USB Optical Mouse - MS111 - black (570-AAAJ)	4
No Energy Star (387-BBBE)	4
No Additional Network Card Selected (Integrated NIC included) (555-BBJO)	4
No Controller (526-BBBC)	4
8x Slimline DVD-ROM Drive and 16x DVD+/-RW Drive (429-AAIX)	4

No Sound (510-BBBX)	4
Internal Speaker (520-AADR)	4
US/Thai/Philippines Power Cord (450-AAFS)	4
Windows 8.1 DVD OS Recovery(English) (620-AASU)	4
Dell Backup and Recovery Basic (637-AAAS)	4
No External Speaker (520-AABF)	4
English and French Shipping Docs (340-AAMK)	4
Dell Limited Hardware Warranty Plus Service Initial Year (934-8147)	4
Dell Limited Hardware Warranty Plus Service Extended Year(s) (938-4548)	4
Thank you choosing Dell ProSupport. For tech support, visit <a href="http://support.dell.com/ProSupport">http://support.dell.com/ProSupport</a> or call 1-866-516-3115 (989-3449)	4
ProSupport: Next Business Day Onsite Service After Remote Diagnosis 2 Year Extended (994-3472)	4
ProSupport : 7x24 Technical Support , 2 Year Extended (994-3572)	4
ProSupport: Next Business Day Onsite Service After Remote Diagnosis Initial Year (994- 9710)	4
ProSupport : 7x24 Technical Support , Initial (994-9900)	4
No Out-of-Band Systems Management (631-AACV)	4
Dell Precision T5610 Resource DVD (430-XYGY)	4
No Additional Hard Drive (401-AADF)	4
No Additional Hard Drive (401-AADF)	4
Tech Sheet, English (340-AEYR)	4
Dual Intel Xeon Processor E5-2620 v2 (Six Core HT, 2.1GHz Turbo, 15 MB),Dell Fixed Precision Tx610 (338-BCSY)	4
Second Heatsink (412-AABU)	4
No DDPE Encryption Software (954-3465)	4
SHIP,PWS,LNK,NO,NO,AMF (340-AEYP)	4
No Storage Device or Recordable Media (414-BBBC)	4
C1 SATA 3.5 Inch, 1-2 Hard Drives (449-BBBW)	4
Chassis Intrusion Switch (461-AAAB)	4
No General Purpose Compute Solution (489-BBBO)	4
Boot drive or boot volume is less than 2TB (411-XXXXY)	4
Shipping Material for System (328-BBEO)	4
No Accessories (461-AABV)	4
PowerDVD Software not included (429-AABU)	4
No Additional Hard Drive (401-AADF)	4
Regulatory Label, Dell Precision T5610 (328-BBEP)	4
Intel Xeon Label (389-BBRO)	4
No Dell Tera2 Remote Access host card for the Wyse P25 Zero Client (386-BBBE)	4

**SOFTWARE & ACCESSORIES****GROUP TOTAL: \$1,270.08**

Product	Quantity	Unit Price	Total
Dell 20 Monitor - P2014H (320-9798)	8	\$145.99	\$1,167.92
3YR Limited Warranty Monitor, Advanced Exchange (986- 4872)	8	\$0.00	\$0.00
Dell Stereo USB Monitor Soundbar AC511 (318-2885)	4	\$25.54	\$102.16

<b>*Total Purchase Price:</b>	<b>\$10,000.36</b>
<b>Product Subtotal:</b>	\$10,000.36
<b>Tax:</b>	\$0.00
<b>Shipping &amp; Handling:</b>	\$0.00
<b>State Environmental Fee:</b>	\$0.00
<b>Shipping Method:</b>	LTL 5 DAY OR LESS
	(* Amount denoted in \$)

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