

NOTICE OF MEETING AND BOARD OF ALDERMEN AGENDA



CITY OF OSAGE BEACH BOARD OF ALDERMEN MEETING

1000 City Parkway
Osage Beach, MO 65065
573.302.2000
www.osagebeach.org

TENTATIVE AGENDA

REGULAR MEETING

March 20, 2025 - 5:30 PM
CITY HALL

**** Note:** All cell phones should be turned off or on a silent tone only. If you desire to address the Board, please sign the attendance sheet located at the podium. Agendas are available on the back table in the Council Chambers. Complete meeting packets are available on the City's website at www.osagebeach.org.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

CITIZEN'S 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. For those here in person, speakers will be restricted to three minutes unless otherwise permitted. Minutes may not be donated or transferred from one speaker to another.

Any questions or comments for the Mayor and Board may also be sent to the City Clerk at tberreth@osagebeach.org no later than 10:00 AM on the Board's meeting day (the 1st and 3rd Thursday of each month). Submitted questions and comments may be read during the Citizen's Communications section of the agenda.

The Board of Aldermen will not take action on any item not listed on the agenda, nor will it respond to questions, although staff may be directed to respond at a later time. The Mayor and Board of Aldermen welcome and value input and feedback from the public.

Is there anyone here in person who would like to address the Board?

APPROVAL OF CONSENT AGENDA

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

- ▶ Minutes of Board of Aldermen meeting March 6, 2025
- ▶ Bills List - March 20, 2025

FINANCIAL UPDATE

UNFINISHED BUSINESS

- A. Bill 25-16- An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, to increase budget expenditures for the fiscal year 2025 for City Park Maintenance Building Bathroom Addition. *Second Reading*
- B. Bill 25-17 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Budget, Transfer of Funds for Necessary Expenditures, for Summit Circle Drainage Improvements Project. *Second Reading*
- C. Bill 25-18 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, amend and increase in budget expenditures for fiscal year 2025 for the Purchase of Police Department Vehicles. *Second Reading*
- D. Bill 25-19 - An ordinance of the City of Osage Beach, Missouri, authorizing the City Administrator to sign an amendment letter agreement with PGAV Planners, LLC (PGAV) for an analysis of the Incremental Tax Revenues for the Oasis at Lakeport Project in Osage Beach, MO for an amount not to exceed \$95,000.00, excluding applicable reimbursable expenses. *Second Reading*

NEW BUSINESS

- A. Bill 25-20 - An ordinance of the City of Osage Beach, Missouri, amending Chapter 245, Section 245.060 Park Advertising of the City code for various purposes as set forth. *First Reading*
- B. Bill 25.21 - An ordinance of the City of Osage Beach, Missouri, authorizing supplemental agreement #3 for time extension to the design services agreement with Engineering Surveys & Services for the Hwy 42 Sidewalk project. *First and Second Reading*
- C. Bill 25.22 - An ordinance of the City of Osage Beach, Missouri, authorizing the Mayor to execute a time extension Supplemental Agreement #2 for a time extension with Missouri Highways and Transportation Commission Enhancements Fund for the Highway 42 Tap Grant ADA Project. *First and Second Reading.*
- D. Bill 25-23- An ordinance of the City of Osage Beach, Missouri, authorizing the mayor to execute a contract with Daikin TMi for 911 Dispatch Relocation Project for an amount not to exceed \$21,632.00. *First Reading*

- E. Bill 25-24- An ordinance of the City of Osage Beach, Missouri, amending the Osage Beach Design Guidelines Section 1 - Overview, Section 2 - Water System, Section 3 - Sewerage System, Section 4 - Storm Drainage, Section 5 - Roads, Streets and Parking Areas, Section 6 - Road Cut, Utility Trench & Excavation Permit, Section 7 Street Lights. *First Reading*
- F. Resolution 2025-09 - A resolution of the City of Osage Beach, Missouri, stating facts and reasons for the necessity to amend the fiscal year 2025 budget by adding Public Works Director
- G. Bill 25-25- An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 adopting the 2025 annual operating budget by removing and adding job titles within the FY2025 Employee Pay Plan. *First Reading*
- H. Bill 25-26 - An ordinance of the City of Osage Beach, Missouri, amending Chapter 112 Lake Ozark - Osage Beach Joint Sewer Board, Section - 112.030 Appointed Members. *First Reading*
- I. Presentation - Airport Master Plans for Lee C. Fine and Grand Glaize Airports
- J. Discussion - Road Petitions, Direction from the Board of Aldermen concerning what amount of upgrade from existing conditions to the City's Design Guidelines are needed for an existing road to be accepted into City Inventory.

STAFF COMMUNICATIONS

MAYOR AND MEMBERS OF THE BOARD OF ALDERMEN COMMUNICATIONS

ADJOURN

Remote viewing is available on Facebook at *City of Osage Beach, Missouri* and on YouTube at *City of Osage Beach*.

Representatives of the news media may obtain copies of this notice by contacting the following:

Tara Berreth, City Clerk
1000 City Parkway
Osage Beach, MO 65065
573.302.2000 x 1020

If any member of the public requires a specific accommodation as addressed by the Americans with Disabilities Act, please contact the City Clerk's Office forty-eight (48) hours in advance of the meeting at the above telephone number.

**MINUTES OF THE REGULAR MEETING OF THE BOARD OF
ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI
March 6, 2025**

The Board of Aldermen of the City of Osage Beach, Missouri, conducted a Regular Meeting on Thursday, March 6, 2025, at 5:30 PM. The following were present in person: Mayor Michael Harmison, Alderman Justin Hoffman, Alderman Celeste Barela, Alderman Richard Ross, Alderman Bob O'Steen and Alderman Phyllis Marose and Via Zoom Alderman Kevin Rucker. City Clerk Tara Berreth was present and performed the duties for the City Clerk's office.

Appointed and Management staff present City Administrator Devin Lake, Assistant City Administrator April White, Police Chief Todd Davis, City Planner Cary Patterson, City Engineer Drew Bowman, City Treasurer Karri Bell, Public Information Officer (PIO) Jayme Rutledge, Building Official Ron White and Parks and Recreation Manager Eric Gregory.

CITIZEN'S COMMUNICATIONS

Kegan Powers received her 5 years of service award

Sgt Matt Schwenn received his 30 years of service award

APPROVAL OF CONSENT AGENDA

Alderman Hoffman made a motion to approve the consent agenda. This motion was seconded by Alderman Marose. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

UNFINISHED BUSINESS

Bill 25-06 - An ordinance of the City of Osage Beach, Missouri amending Ordinance No. 24.93 Adopting the 2025 Annual Budget, Transfer of Funds for Necessary Expenditures, for the replacement of HVAC System Components. *Second Reading*

Alderman Barela made a motion to approve the second reading of Bill 25-06. This motion was seconded by Alderman Hoffman. A roll call was taken to approve the second and final reading of Bill 25-06 and to pass same into ordinance: "Ayes" Alderman Hoffman, Alderman Barela, Alderman O'Steen, Alderman Ross, and Alderman Marose. Bill 25-06 passed and approved as Ordinance 25-06. Via Zoom Alderman Rucker.

Bill 25-08 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, transfer of funds for necessary expenses for the purchase of an upgraded midsize dump truck. *Second Reading*

Alderman Ross made a motion to approve the second reading of Bill 25-08. This motion was seconded by Alderman Marose. A roll call was taken to approve the second and final reading of Bill 25-08 and to pass same into ordinance: "Ayes" Alderman Hoffman, Alderman Barela, Alderman O'Steen, Alderman Ross, and Alderman Marose. Bill 25-08 passed and approved as Ordinance 25-08. Via Zoom Alderman Rucker.

Bill 25-09 - An ordinance of the City of Osage Beach, Missouri, authorizing the Mayor to execute a quit claim deed to WB Ozarks LLC. *Second Reading*

Alderman Barela made a motion to approve the second reading of Bill 25-09. This motion was seconded by Alderman Hoffman. A roll call was taken to approve the second and final reading of Bill 25-09 and to pass same into ordinance: "Ayes" Alderman Hoffman, Alderman Barela, Alderman O'Steen, Alderman Ross, and Alderman Marose. Bill 25-09 passed and approved as Ordinance 25-09. Via Zoom Alderman Rucker.

Bill 25-10 - An ordinance of the City of Osage Beach, Missouri, authorizing the City Administrator to sign Change Order #2 (final) for the Osage Beach Parkway Extension Project. Second Reading

Alderman Rucker made a motion to approve the second reading of Bill 25-10. This motion was seconded by Alderman Ross. A roll call was taken to approve the second and final reading of Bill 25-10 and to pass same into ordinance: “Ayes” Alderman Hoffman, Alderman Barela, Alderman O’Steen, Alderman Ross, and Alderman Marose. Bill 25-10 passed and approved as Ordinance 25-10. Via Zoom Alderman Rucker.

Bill 25-11 - An ordinance of the City of Osage Beach, Missouri, authorizing the mayor to sign a contract with Schulte Supply for the Neptune fixed based AMI platform for an amount not to exceed \$116,936.48. Second Reading.

Alderman Barela made a motion to approve the second reading of Bill 25-11. This motion was seconded by Alderman Ross. A roll call was taken to approve the second and final reading of Bill 25-11 and to pass same into ordinance: “Ayes” Alderman Hoffman, Alderman Barela, Alderman O’Steen, Alderman Ross, and Alderman Marose. Bill 25-11 passed and approved as Ordinance 25-11. Via Zoom Alderman Rucker.

Bill 25-12 - An ordinance of the City of Osage Beach, Missouri, authorizing the Mayor to execute a driveway and fence easement with Julia C Jansma and Jay Jansma Trustees of the Julia C Jansma Revocable Trust Dated July 25, 2012. Second Reading

Alderman Marose made a motion to approve the second reading of Bill 25-12. This motion was seconded by Alderman Hoffman. A roll call was taken to approve the second and final reading of Bill 25-12 and to pass same into ordinance: “Ayes” Alderman Hoffman, Alderman Barela, Alderman O’Steen, Alderman Ross, and Alderman Marose. Bill 25-12 passed and approved as Ordinance 25-12. Via Zoom Alderman Rucker.

Bill 25-14 - An ordinance of the City of Osage Beach, Missouri, to execute a Road Relinquishment Agreement for the West Osage Beach Parkway with the Missouri Highways and Transportation Commission. Second Reading

Alderman Hoffman made a motion to approve the second reading of Bill 25-14. This motion was seconded by Alderman Ross. A roll call was taken to approve the second and final reading of Bill 25-14 and to pass same into ordinance: “Ayes” Alderman Hoffman, Alderman Barela, Alderman O’Steen, Alderman Ross, and Alderman Marose. Bill 25-14 passed and approved as Ordinance 25-14. Via Zoom Alderman Rucker.

Bill 25-15 - An ordinance of the City of Osage Beach, Missouri, authorizing the mayor to execute a maintenance agreement with Missouri Highways and Transportation Commission for a portion of the Kay Largo Connector. Second Reading

Alderman Ross made a motion to approve the second reading of Bill 25-15. This motion was seconded by Alderman Barela. A roll call was taken to approve the second and final reading of Bill 25-15 and to pass same into ordinance: “Ayes” Alderman Hoffman, Alderman Barela, Alderman O’Steen, Alderman Ross, and Alderman Marose. Bill 25-15 passed and approved as Ordinance 25-15. Via Zoom Alderman Rucker.

NEW BUSINESS

Resolution 2025-05 - A resolution of the City of Osage Beach, Missouri, stating facts and reasons for the necessity to amend an increase in budget expenditures for the fiscal year 2025 for City Park Maintenance Building Bathroom Addition.

Alderman O'Steen made a motion to approve Resolution 2025-05. This motion was seconded by Alderman Marose. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

Bill 25-16- An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, to increase budget expenditures for the fiscal year 2025 for City Park Maintenance Building Bathroom Addition. *First Reading*

Alderman Rucker made a motion to approve the first reading of Bill 25-16. This motion was seconded by Alderman Hoffman. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker

Resolution 2025-06 - A resolution of the City of Osage Beach, Missouri, stating facts and reasons for the necessity to amend an increase in budget expenditures for the fiscal year 2025 for Summit Circle Drainage Improvements Project.

Alderman Marose made a motion to approve Resolution 2025-06. This motion was seconded by Alderman O'Steen. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

Bill 25-17 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Budget, Transfer of Funds for Necessary Expenditures, for Summit Circle Drainage Improvements Project. *First Reading*

Alderman O'Steen made a motion to approve the first reading of Bill 25-17. This motion was seconded by Alderman Hoffman. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker

Resolution 2025-07 - A resolution of the City of Osage Beach, Missouri, stating facts and reasons for the necessity to amend an increase in budget expenditures for the fiscal year 2025 for the purchase of Police Department Vehicles.

Alderman Rucker made a motion to approve Resolution 2025-07. This motion was seconded by Alderman Ross. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

Bill 25-18 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, amend and increase in budget expenditures for fiscal year 2025 for the Purchase of Police Department Vehicles. *First Reading*

Alderman Ross made a motion to approve the first reading of Bill 25-18. This motion was seconded by Alderman Marose. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker

Motion to approve the purchase of three (3) 2025 Ford Interceptor Utility Vehicles from Joe Machens Ford off of the State of Missouri contract #CC240138008 for a price not to exceed \$151,000.00.

Alderman Rucker made a motion to approve the purchase of three (3) 2025 Ford Interceptor Utility Vehicles from Joe Machens Ford off of the State of Missouri contract #CC240138008 for a price not to exceed \$151,000.00. This motion was seconded by Alderman Marose. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker

Bill 25-19 - An ordinance of the City of Osage Beach, Missouri, authorizing the City Administrator to sign an amendment letter agreement with PGAV Planners, LLC (PGAV) for an analysis of the Incremental Tax Revenues for the Oasis at Lakeport Project in Osage Beach, MO for an amount not to exceed \$95,000.00, excluding applicable reimbursable expenses. *First Reading*

Alderman Ross made a motion to approve the first reading of Bill 25-19. This motion was seconded by Alderman Barela. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker

Resolution 2025 - 08 A resolution of the City of Osage Beach, Missouri, adopting the Camden County Hazard Mitigation Plan

Alderman Marose made a motion to approve Resolution 2025-08. This motion was seconded by Alderman Barela. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

Motion to approve the purchase of 12 lift station panels from Municipal Equipment Company for an amount not to exceed \$71,533.50 plus shipping.

Alderman Hoffman made a motion to approve the purchase of 12 lift station panels from Municipal Equipment Company for an amount not to exceed \$71,533.50 plus shipping. This motion was seconded by Alderman Rucker. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

Motion to approve the purchase of a cab and chassis from Premier Truck Group along with Henderson Products equipment for an amount not to exceed \$203,596.

Alderman Ross made a motion to approve the purchase of a cab and chassis from Premier Truck Group along with Henderson Products equipment for an amount not to exceed \$203,596. This motion was seconded by Alderman Hoffman. Motion passes unanimously with voice vote. Via Zoom Alderman Rucker.

STAFF COMMUNICATIONS

City Administration Lake – Employee Apperception Dinner went great.

Police Chief Davis – Swear in new Police Officer on March 17th at 8:30am.

Building Official White - Jeanette Gordon started with Building Department

Parks and Rec Manager Gregory - Youth Softball sign up. Dog Park is continuing to be busy.

MAYOR AND MEMBERS OF THE BOARD OF ALDERMEN COMMUNICATIONS

Alderman O'Steen - Gave a brief description of what is required to be on the Board of Aldermen. Not just a meet just twice a month.

Aldermen Congratulated Officer Schwenn and Kegan Powers. As well as the Police Department on the Polar Plung

EXECUTIVE SESSION

- A. 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.
- B. Notice is given that the agenda includes a roll call vote to close the meeting as allowed by RSMo. Section 610.021 (3) Hiring, Firing, Disciplining, or Promoting of particular employees by a public governmental body when personal information about the employee is discussed or recorded.

Alderman Ross made a motion to open executive session. This motion was seconded by Alderman Marose. A roll call was taken "Ayes" Alderman Hoffman, Alderman Barela, Alderman O'Steen, Alderman Ross, and Alderman Marose. Absent Alderman Rucker. Motion passes unanimously.

Alderman O'Steen made a motion to close executive session. This motion was seconded by Alderman Hoffman. A roll call was taken "Ayes" Alderman Hoffman, Alderman Barela, Alderman O'Steen, Alderman Ross, and Alderman Marose. Absent Alderman Rucker. Motion passes unanimously.

ADJOURN

The meeting adjourned at 9:00 pm. I, Tara Berreth 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, on March 6, 2025, and approved March 20, 2025.

Tara Berreth, City Clerk

Michael Harmison, Mayor

** All meetings may be viewed on Facebook and YouTube for further details and clarification.

**CITY OF OSAGE BEACH
BILLS LIST
March 20, 2025**

Bills Paid Prior to Board Meeting	\$	282,299.41
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Payroll Paid Prior to Board Meeting	\$	181,549.38
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SRF Transfer Prior to Board Meeting

TIF Transfers

Bills Pending Board Approval	\$	284,870.32
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Total Expenses	\$	748,719.11
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DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
Parks	General Fund	LAND DIVISIONS	CITY PARK SLOPE STABILIZAT	2,100.00
			TOTAL:	2,100.00

===== FUND TOTALS =====
10 General Fund 2,100.00

GRAND TOTAL: 2,100.00

TOTAL PAGES: 1

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
===== FUND TOTALS =====				
10	General Fund			168,209.67
20	Transportation			20,108.54
30	Water Fund			28,877.48
35	Sewer Fund			31,806.21
40	Ambulance Fund			16,624.48
45	Lee C. Fine Airport Fund			8,424.55
47	Grand Glaize Airport Fund			5,802.16
62	TIF - Arrowhead			346.32

	GRAND TOTAL:			280,199.41

TOTAL PAGES: 17

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			American Fidelity	32.95
			American Fidelity	9.96
			American Fidelity	10.28
		OPTUM BANK INC	HSA Family/Dep. Contributi	55.00
			TOTAL:	1,292.96
Grand Glaize Airport	Grand Glaize Airpo	MIDWEST PUBLIC RISK	Health Insurance Contribut	683.00
			Health Insurance Contribut	683.00
			Dental Insurance Premiums	52.80
			Dental Insurance Premiums	53.08
			Health Insurance Contribut	726.45
			Health Insurance Contribut	726.45
			Health Insurance Contribut	249.44
			Health Insurance Contribut	257.42
			Vision Insurance Contribut	5.60
			Vision Insurance Contribut	5.65
		INTERNAL REVENUE SERVICE	FICA	274.83
			Medicare	64.28
		MISSIONSQUARE RETIREMENT	Retirement 401%	55.82
			Retirement 401	322.18
		CHARTER COMMUNICATIONS HOLDING CO LLC	GG CABLE 2/16-3/15/25	120.36
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	2.57
			Group Dependent Life Ins	2.58
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	10.21
			Group Life Ins and Buy Up	10.35
			Short Term Disability Ins	17.76
			Short Term Disability Ins	17.85
		GFL ENVIRONMENTAL	GG TRASH SERVICE	52.00
		OPTUM BANK INC	HSA Family/Dep. Contributi	105.00
			TOTAL:	4,509.20
TIF - Arrowhead	TIF - Arrowhead	ARROWHEAD DEVELOPMENT GROUP LLC	DVLPR REIMB CID 12/16/24-1	346.32
			TOTAL:	346.32

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		OPTUM BANK INC	HSA Contribution	20.00
			HSA Family/Dep. Contributi	153.33
			TOTAL:	2,384.23
Lee C. Fine Airport	Lee C. Fine Airpor	MIDWEST PUBLIC RISK	Dental Insurance Premiums	57.20
			Dental Insurance Premiums	56.92
			Dental Insurance Premium	9.00
			Dental Insurance Premium	9.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	726.45
			Health Insurance Contribut	726.45
			Health Insurance Contribut	997.76
			Health Insurance Contribut	989.78
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	6.40
			Vision Insurance Contribut	6.35
		INTERNAL REVENUE SERVICE	FICA	516.18
			Medicare	120.72
		MISSIONSQUARE RETIREMENT	Retirement 401%	81.15
			Retirement 401	569.43
		DISH NETWORK	SVC 3/1-3/28/25	99.11
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	2.78
			Group Dependent Life Ins	2.77
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	6.63
			Group Life Ins and Buy Up	6.49
			Short Term Disability Ins	26.64
			Short Term Disability Ins	26.55
		GFL ENVIRONMENTAL	LCF TRASH SERVICE	80.00
		ELAN CORPORATE PAYMENT SYSTEMS	STORAGE TANK GASKETS	63.50
		OPTUM BANK INC	HSA Contribution	37.50
			HSA Family/Dep. Contributi	195.00
			TOTAL:	6,040.32
NON-DEPARTMENTAL	Grand Glaize Airpo	MIDWEST PUBLIC RISK	Dental Insurance Premiums	52.80
			Dental Insurance Premiums	53.08
			Health Insurance Contribut	77.55
			Health Insurance Contribut	77.55
			Health Insurance Contribut	23.76
			Health Insurance Contribut	24.52
			Vision Insurance Contribut	5.60
			Vision Insurance Contribut	5.65
		MO DEPT OF REVENUE	State Withholding	72.80
		INTERNAL REVENUE SERVICE	Fed WH	316.37
			FICA	274.83
			Medicare	64.28
		LEGALSHIELD	Pre-Paid Legal Premiums	14.16
			Pre-Paid Legal Premiums	14.36
		MISSIONSQUARE RETIREMENT	Retirment 457 &	15.20
			Retirement 457	60.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	32.26

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	8.00
		INTERNAL REVENUE SERVICE	FICA	1,305.06
			Medicare	305.24
		MISSIONSQUARE RETIREMENT	Retirement 401%	339.61
			Retirement 401	1,226.54
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	4.28
			Group Dependent Life Ins	4.28
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	25.91
			Group Life Ins and Buy Up	25.91
			Short Term Disability Ins	51.80
			Short Term Disability Ins	51.80
		ELAN CORPORATE PAYMENT SYSTEMS	INSTRUCTOR COURSE - JOHNSO	425.00
			INSTRUCTOR COURSE - WEAVER	425.00
			INSTRUCTOR COURSE - JOHNSO	350.00
			IACP MEMBERSHP DUES	73.97
		OPTUM BANK INC	HSA Contribution	37.50
			HSA Family/Dep. Contributi	225.00
			TOTAL:	10,467.46
NON-DEPARTMENTAL	Lee C. Fine Airpor	MIDWEST PUBLIC RISK	Dental Insurance Premiums	57.20
			Dental Insurance Premiums	56.92
			Dental Insurance Premium	9.00
			Dental Insurance Premium	9.00
			Health Insurance Contribut	77.55
			Health Insurance Contribut	77.55
			Health Insurance Contribut	95.04
			Health Insurance Contribut	94.28
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	6.40
			Vision Insurance Contribut	6.35
		MO DEPT OF REVENUE	State Withholding	263.20
		INTERNAL REVENUE SERVICE	Fed WH	517.15
			FICA	516.18
			Medicare	120.72
		LEGALSHIELD	Pre-Paid Legal Premiums	9.27
			Pre-Paid Legal Premiums	9.07
		MISSIONSQUARE RETIREMENT	Retirment 457 &	20.21
			Retirement 457	90.00
			Loan Repayments	30.39
			Loan Repayments	37.15
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	32.20
			American Fidelity	31.51
			American Fidelity	14.94
			American Fidelity	14.62

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			PHONE CASE AND SCREEN - CL	33.76
			STRAPS FOR TRK 1512	7.00
			HAND WASH FOR TRUCKS	4.00
			TAX	3.68
		GFL ENVIRONMENTAL	SEWER TRASH SERVICE	58.34
		ELAN CORPORATE PAYMENT SYSTEMS	PROPANE	66.31
			SOFT START RETURN	87.97
		OPTUM BANK INC	HSA Contribution	187.50
			HSA Family/Dep. Contributi	249.75
		BOMGAARS SUPPLY INC	RUBBER BOOT REPLACE- OLIVE	109.99
			BOOTS & OVERALLS - CLUTTS	486.96
			WIRE ROPE - HOLIDAY INN EX	8.13
		VERSTEEG, JUSTIN	MILEAGE REIMB- 2/21-2/23,	84.00
			TOTAL:	25,425.86
NON-DEPARTMENTAL	Ambulance Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	88.00
			Dental Insurance Premiums	88.00
			Dental Insurance Premium	18.00
			Dental Insurance Premium	18.00
			Health Insurance Contribut	155.10
			Health Insurance Contribut	155.10
			Health Insurance Contribut	59.40
			Health Insurance Contribut	59.40
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	8.00
		MO DEPT OF REVENUE	State Withholding	538.00
		INTERNAL REVENUE SERVICE	Fed WH	1,621.55
			FICA	1,305.06
			Medicare	305.24
		MISSIONSQUARE RETIREMENT	Loan Repayment	156.06
			Loan Repayment	60.66
			Loan Repayment	88.93
			Loan Repayment	45.57
			Loan Repayment	85.61
			Retirment 457 &	379.57
			Loan Repayments	188.62
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	91.73
			American Fidelity	91.73
			American Fidelity	128.77
			American Fidelity	128.77
		OPTUM BANK INC	HSA Contribution	8.33
			HSA Family/Dep. Contributi	245.82
			TOTAL:	6,157.02
Ambulance	Ambulance Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	88.00
			Dental Insurance Premiums	88.00
			Dental Insurance Premium	18.00
			Dental Insurance Premium	18.00
			Health Insurance Contribut	574.00
			Health Insurance Contribut	574.00
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,452.90

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	6.66
			Vision Insurance Contribut	6.66
			Vision Insurance Contribut	9.32
			Vision Insurance Contribut	5.32
		MO DEPT OF REVENUE	State Withholding	587.97
		INTERNAL REVENUE SERVICE	Fed WH	1,660.88
			FICA	1,423.07
			Medicare	332.83
		MISSIONSQUARE RETIREMENT	Retirment 457 &	724.92
			Retirement 457	83.00
			Retirement Roth IRA	25.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	67.86
			American Fidelity	67.85
			American Fidelity	10.78
			American Fidelity	10.78
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	16.73
			Texas Life After Tax	16.73
		OPTUM BANK INC	HSA Contribution	130.00
			HSA Family/Dep. Contributi	253.13
			TOTAL:	6,380.35
Sewer	Sewer Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	117.26
			Dental Insurance Premiums	95.26
			Dental Insurance Premium	29.97
			Dental Insurance Premium	29.97
			Health Insurance Contribut	955.71
			Health Insurance Contribut	955.71
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	2,076.61
			Health Insurance Contribut	1,452.99
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	6.66
			Vision Insurance Contribut	6.66
			Vision Insurance Contribut	9.32
			Vision Insurance Contribut	5.32
		INTERNAL REVENUE SERVICE	FICA	1,423.09
			Medicare	332.82
		MISSIONSQUARE RETIREMENT	Retirement 401%	478.56
			Retirement 401	1,631.56
		PETTY CASH	WATER/TEA	3.94
			CONDIMENTS	5.17
		AMEREN MISSOURI	GRINDER PUMPS & LIFT STATI	2,608.29
		AMEREN MISSOURI	5757 CHAPEL SVC 1/16-2/16/	467.39
			GRINDER PUMPS & LIFTS STAT	2,497.00
			GRINDER PUMPS & LIFT STATI	5,358.26
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	7.85
			Group Dependent Life Ins	6.78
			Group Life Ins and Buy Up	62.02
			Group Life Ins and Buy Up	55.97
			Short Term Disability Ins	64.10
			Short Term Disability Ins	56.69
		CAPITAL ONE, N.A.	SCADA DISPLAY SCREEN	299.00
			SCADA KEYBOARD	10.74

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Vision Insurance Contribut	16.50
			Vision Insurance Contribut	16.50
			Vision Insurance Contribut	2.68
			Vision Insurance Contribut	2.68
			Vision Insurance Contribut	9.32
			Vision Insurance Contribut	9.32
		GOEHRI, GEORGE	MARCH 2025 INSURANCE PREMI	71.70
		INTERNAL REVENUE SERVICE	FICA	1,190.62
			Medicare	278.45
		MISSIONSQUARE RETIREMENT	Retirement 401%	537.20
			Retirement 401	1,381.49
		PETTY CASH	WATER TRK WASH	10.00
			WATER/TEA	3.94
			CONDIMENTS	5.17
		AMEREN MISSOURI	LK RD 54-59 WELL 1/15-2/13	545.16
			BLUFF RD TOWER 1/9-2/9/25	2,520.14
			COLLEGE WELL 1/8-2/6/25	1,023.48
			5757 CHAPEL SVC 1/16-2/16/	467.40
			COLUMBIA CLG WELL 1/15-2/1	2,167.93
			COLUMBIA TWR POLES 1/15-2/	269.04
		DEVORE, CALEB	MILEAGE REIMB 2/17-2/18/25	61.60
		SUMMIT NATURAL GAS OF MISSOURI INC	PW SERVICE 1/16-2/17/25	2,162.32
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	3.56
			Group Dependent Life Ins	3.56
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	33.72
			Group Life Ins and Buy Up	33.72
			Short Term Disability Ins	41.95
			Short Term Disability Ins	41.95
		STOUFER, TOMMIE L	MILEAGE REIMB-2/15, 2/17,	52.50
		JOHNS, JOSHUA	MILEAGE REIMB - 2/15/25	19.60
		CAPITAL ONE, N.A.	SCADA DISPLAY SCREEN	299.00
			SCADA KEYBOARD	10.74
		LUTTRELL, JOHN	MILEAGE REIMB - 2/17-2/18/	75.60
			MILEAGE REIMB - 2/14 & 2/1	75.60
		GFL ENVIRONMENTAL	WATER TRASH SERVICE	58.33
		ELAN CORPORATE PAYMENT SYSTEMS	PROPANE	66.30
			TOOLBOX	554.84
		OPTUM BANK INC	HSA Contribution	75.00
			HSA Family/Dep. Contributi	324.75
		BOMGAARS SUPPLY INC	BOOTS - WRIGHT	194.99
		MALONE, JUSTIN	MILEAGE REIMB 2/28-3/1/25	75.60
			MILEAGE REIMB - 2/21-2/22/	100.80
		HAMEL, KEVIN	MILEAGE REIMB - 2/28-3/1/2	90.30
			TOTAL:	22,409.14
NON-DEPARTMENTAL	Sewer Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	117.26
			Dental Insurance Premiums	95.26
			Dental Insurance Premium	29.97
			Dental Insurance Premium	29.97
			Health Insurance Contribut	155.10
			Health Insurance Contribut	155.10
			Health Insurance Contribut	197.80
			Health Insurance Contribut	138.40
			Vision Insurance Contribut	11.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		JOHNS, JOSHUA	MILEAGE REIMB - 2/17/25	19.60
		CAPITAL ONE, N.A.	LOCKS FOR PKWY TRAFFIC COU	29.92
		GFL ENVIRONMENTAL	TRANS TRASH SERVICE	58.33
		ELAN CORPORATE PAYMENT SYSTEMS	BOOTS - SULLIVAN	155.99
			PROPANE	66.30
			TOOLS FOR ROAD PROJECT	894.08
			EASEMENT RECORDING-OB PKWY	233.51
			ESEMNT RECORDING-42 SIDEWL	33.00
		OPTUM BANK INC	HSA Family/Dep. Contributi	325.50
		HERNANDEZ, DERRICK	CDL PERMIT FEE REIMB-HERNA	42.07
			TOTAL:	15,054.35
NON-DEPARTMENTAL	Water Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	117.26
			Dental Insurance Premiums	117.26
			Dental Insurance Premium	12.06
			Dental Insurance Premium	12.06
			Health Insurance Contribut	155.10
			Health Insurance Contribut	155.10
			Health Insurance Contribut	138.40
			Health Insurance Contribut	138.40
			Vision Insurance Contribut	16.50
			Vision Insurance Contribut	16.50
			Vision Insurance Contribut	2.68
			Vision Insurance Contribut	2.68
			Vision Insurance Contribut	9.32
			Vision Insurance Contribut	9.32
		MO DEPT OF REVENUE	State Withholding	596.69
		INTERNAL REVENUE SERVICE	Fed WH	1,657.28
			FICA	1,190.62
			Medicare	278.46
		MISSIONSQUARE RETIREMENT	Retirment 457 &	939.29
			Retirement 457	33.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	184.88
			American Fidelity	184.88
			American Fidelity	84.28
			American Fidelity	84.28
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	50.36
			Texas Life After Tax	50.36
		PRINCIPAL LIFE INSURANCE COMPANY	Group Life Ins and Buy Up	7.75
			Group Life Ins and Buy Up	7.75
			Group Life Ins and Buy Up	0.77
			Group Life Ins and Buy Up	0.77
		OPTUM BANK INC	HSA Contribution	108.65
			HSA Family/Dep. Contributi	105.63
			TOTAL:	6,468.34
Water	Water Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	117.26
			Dental Insurance Premiums	117.26
			Dental Insurance Premium	12.06
			Dental Insurance Premium	12.06
			Health Insurance Contribut	671.58
			Health Insurance Contribut	671.58
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,452.98
			Health Insurance Contribut	1,452.99

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Retirement 457	34.00
		AMERICAN FIDELITY ASSURANCE COMPANY	American Fidelity	49.93
			American Fidelity	49.94
			American Fidelity	11.10
			American Fidelity	11.10
		TEXAS LIFE INSURANCE CO	Texas Life After Tax	17.24
			Texas Life After Tax	17.24
		PRINCIPAL LIFE INSURANCE COMPANY	Group Life Ins and Buy Up	25.12
			Group Life Ins and Buy Up	25.12
		OPTUM BANK INC	HSA Family/Dep. Contributi	47.07
			TOTAL:	5,054.19
Transportation	Transportation	MIDWEST PUBLIC RISK	Dental Insurance Premiums	95.48
			Dental Insurance Premiums	99.77
			Dental Insurance Premium	11.97
			Dental Insurance Premium	13.55
			Health Insurance Contribut	381.71
			Health Insurance Contribut	432.09
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,594.46
			Health Insurance Contribut	1,459.21
			Health Insurance Contribut	1,459.22
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	12.07
			Vision Insurance Contribut	4.66
			Vision Insurance Contribut	5.01
			Vision Insurance Contribut	5.36
			Vision Insurance Contribut	5.36
		INTERNAL REVENUE SERVICE	FICA	1,016.93
			Medicare	237.85
		MISSIONSQUARE RETIREMENT	Retirement 401%	504.97
			Retirement 401	1,178.26
		PETTY CASH	TRANSPORT TRK WASH	60.00
			TRANSPORT TRK WASH	20.00
			TRANSPORT TRK WASH	40.00
			WATER/TEA	3.93
			CONDIMENTS	5.16
		AMEREN MISSOURI	792 PASSOVER LTS 1/15-2/13	20.44
			1095 MACE RD LTS 1/15-2/13	34.94
			1129 INDUSTRIAL 1/15-2/13/	33.04
			1075 NICHOLS LTS 1/16-2/16	62.05
			872 PASSOVER LTS 1/15-2/13	25.19
			MACE RD RNDABT 1/15-2/13/	15.09
			680 PASSOVER LTS 1/15-2/13	20.50
			MAINT SALT BLDG 1/9-2/9/25	13.46
			LAZY DAYS LTS 1/28-2/26/25	29.76
		AMEREN MISSOURI	5757 CHAPEL SVC 1/16-2/16/	467.39
		SUMMIT NATURAL GAS OF MISSOURI INC	PW SERVICE 1/16-2/17/25	2,162.33
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	5.71
			Group Dependent Life Ins	5.92
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	16.70
			Group Life Ins and Buy Up	26.96
			Group Life Ins and Buy Up	28.42
			Short Term Disability Ins	49.35
			Short Term Disability Ins	52.10

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Group Life Ins and Buy Up	20.77
			Group Life Ins and Buy Up	20.77
			Short Term Disability Ins	22.20
			Short Term Disability Ins	22.20
		OPTUM BANK INC	HSA Contribution	37.50
			HSA Family/Dep. Contributi	75.00
			TOTAL:	3,717.62
Information Technology General Fund		MIDWEST PUBLIC RISK	Dental Insurance Premiums	22.00
			Dental Insurance Premiums	22.00
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
		AT & T/CITY HALL	CH PH SVC 2/5/25	906.33
		INTERNAL REVENUE SERVICE	FICA	393.38
			Medicare	92.00
		MISSIONSQUARE RETIREMENT	Retirement 401%	114.63
			Retirement 401	451.78
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	18.41
			Group Life Ins and Buy Up	18.41
			Short Term Disability Ins	14.80
			Short Term Disability Ins	14.80
		OPTUM BANK INC	HSA Family/Dep. Contributi	75.00
		AIRESPRING INC	INTERNET 3/2025	3,886.52
			VOIP 3/2025	789.22
		BCN TELECOM INC TBS	MARCH 2025 ELEVATOR PHONE	152.96
			TOTAL:	8,232.58
Economic Development	General Fund	ELAN CORPORATE PAYMENT SYSTEMS	PARKS MOVIE NIGHT - MAY 20	654.00
			PARKS MOVIE NIGHT - JUNE 2	654.00
			PARKS MOVIE NIGHT - JULY 2	654.00
			CLOUD CAMPAIGN	49.00
			TOTAL:	2,011.00
NON-DEPARTMENTAL	Transportation	MIDWEST PUBLIC RISK	Dental Insurance Premiums	95.48
			Dental Insurance Premiums	99.77
			Dental Insurance Premium	11.97
			Dental Insurance Premium	13.55
			Health Insurance Contribut	155.10
			Health Insurance Contribut	170.21
			Health Insurance Contribut	139.00
			Health Insurance Contribut	139.00
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	12.07
			Vision Insurance Contribut	4.66
			Vision Insurance Contribut	5.01
			Vision Insurance Contribut	5.36
			Vision Insurance Contribut	5.36
		MO DEPT OF REVENUE	State Withholding	450.34
		INTERNAL REVENUE SERVICE	Fed WH	1,244.48
			FICA	1,016.95
			Medicare	237.83
		MISSIONSQUARE RETIREMENT	Retirment 457 &	949.19

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Medicare	212.68
		MISSIONSQUARE RETIREMENT	Retirement 401%	289.81
			Retirement 401	917.47
		AT&T INTERNET/IP SERVICES	911 INTERNET 1/11/25	408.81
			911 INTERNET 2/11/25	410.45
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	3.21
			Group Dependent Life Ins	3.21
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	15.78
			Group Life Ins and Buy Up	29.86
			Group Life Ins and Buy Up	29.86
			Short Term Disability Ins	59.20
			Short Term Disability Ins	59.20
		ELAN CORPORATE PAYMENT SYSTEMS	EMD TEST - P. DAVIS	30.00
			PUBLIC SAFETY COMM - EULER	400.00
			PUBLIC SAFETY COMM - P.DAV	400.00
			LDGING - EMD TRAINING - DA	258.72
		OPTUM BANK INC	HSA Contribution	150.00
			HSA Family/Dep. Contributi	75.00
			TOTAL:	10,869.54
Planning	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	22.00
			Dental Insurance Premiums	22.00
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
		INTERNAL REVENUE SERVICE	FICA	223.80
			Medicare	52.34
		MISSIONSQUARE RETIREMENT	Retirement 401%	111.79
			Retirement 401	260.84
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	12.36
			Group Life Ins and Buy Up	12.36
			Short Term Disability Ins	7.40
			Short Term Disability Ins	7.40
		OPTUM BANK INC	HSA Family/Dep. Contributi	75.00
			TOTAL:	2,064.63
Engineering	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	22.00
			Dental Insurance Premiums	22.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	726.45
			Health Insurance Contribut	726.45
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
		INTERNAL REVENUE SERVICE	FICA	496.74
			Medicare	116.17
		MISSIONSQUARE RETIREMENT	Retirement 401%	243.52
			Retirement 401	568.19
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	5.26

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			TOTAL:	7,115.60
Police	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	396.00
			Dental Insurance Premiums	396.00
			Dental Insurance Premium	63.00
			Dental Insurance Premium	63.00
			Health Insurance Contribut	2,583.00
			Health Insurance Contribut	2,583.00
			Health Insurance Contribut	5,811.60
			Health Insurance Contribut	5,811.60
			Health Insurance Contribut	4,365.20
			Health Insurance Contribut	4,365.20
			Vision Insurance Contribut	55.00
			Vision Insurance Contribut	55.00
			Vision Insurance Contribut	14.00
			Vision Insurance Contribut	14.00
			Vision Insurance Contribut	32.00
			Vision Insurance Contribut	32.00
		INTERNAL REVENUE SERVICE	FICA	4,330.62
			Medicare	1,012.81
		MISSIONSQUARE RETIREMENT	Retirement 401%	1,970.89
			Retirement 401	5,053.09
		PETTY CASH	HEATER WATER BOWL	26.99
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	20.33
			Group Dependent Life Ins	20.33
			Group Life Ins and Buy Up	10.52
			Group Life Ins and Buy Up	10.52
			Group Life Ins and Buy Up	206.90
			Group Life Ins and Buy Up	206.90
			Short Term Disability Ins	207.20
			Short Term Disability Ins	207.20
		ELAN CORPORATE PAYMENT SYSTEMS	DRONE TRAINING COURSE - OW	199.00
			FBINAA MEMBERSHP RENEWAL	140.00
			IACP MEMBERSHP DUES	270.00
		OPTUM BANK INC	HSA Contribution	262.50
			HSA Family/Dep. Contributi	1,125.00
TOTAL:	41,920.40			
911 Center	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	44.00
			Dental Insurance Premiums	44.00
			Dental Insurance Premium	36.00
			Dental Insurance Premium	36.00
			Health Insurance Contribut	1,148.00
			Health Insurance Contribut	1,148.00
			Health Insurance Contribut	726.45
			Health Insurance Contribut	726.45
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
		AT & T/CITY HALL	911 LINE 2/5/25	1,000.00
		INTERNAL REVENUE SERVICE	FICA	909.40

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			CP #2 DISPLAY C 1/15/-2/13	12.16
			CP BALL FIELDS 1/15-2/13/2	23.07
			CP #2 DISPLAY D 1/15-2/13/	12.16
			CP BALL FIELDS 1/15-2/13/2	1,140.38
			CP #2 DISPLAY B 1/15-2/13/	13.25
			CP #2 DISPLAY A 1/15-2/13/	13.44
			HWY 42 BALLPRK LTS 1/8-2/6	16.62
			CP # IRRIGATION PUMP 1/15-	12.66
			HATCHERY RD SIGN 1/15-2/13	62.56
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	10.52
			Group Life Ins and Buy Up	9.60
			Group Life Ins and Buy Up	16.31
			Group Life Ins and Buy Up	16.31
			Short Term Disability Ins	29.60
			Short Term Disability Ins	28.30
		GREGORY, FREDERICK	MEAL REIMB - MPRA CONFEREN	30.00
		GFL ENVIRONMENTAL	PARKS TRASH SERVICE	200.00
		ELAN CORPORATE PAYMENT SYSTEMS	TRAFFIC COUNTER & SUPPLIES	1,038.00
			MRPA CONF - GREGORY & HOMA	810.00
		OPTUM BANK INC	HSA Contribution	112.50
		HOMAN, JOSEPH	MEALS REIMB MPRA CONFERENC	55.00
			TOTAL:	7,356.37
Human Resources	General Fund	CITY OF OSAGE BEACH	EMP OF THE YEAR&STAR PERFO	1,013.90
			30 YRS OF SERVICE GC - SCH	129.95
		MIDWEST PUBLIC RISK	Dental Insurance Premiums	22.00
			Dental Insurance Premiums	22.00
			Dental Insurance Premium	9.00
			Dental Insurance Premium	9.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	287.00
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
		INTERNAL REVENUE SERVICE	FICA	263.27
			Medicare	61.57
		POWERS ENTERTAINMENT GROUP LLC	EMP APP DINNER - ENTERTAIN	2,545.00
		MISSIONSQUARE RETIREMENT	Retirement 401%	130.74
			Retirement 401	305.08
		PRINCIPAL LIFE INSURANCE COMPANY	Group Life Ins and Buy Up	10.52
			Group Life Ins and Buy Up	10.52
			Short Term Disability Ins	14.80
			Short Term Disability Ins	14.80
		ELAN CORPORATE PAYMENT SYSTEMS	SHRM MEMBERSHIP - RAYE	264.00
			A. BERRETH SHRM MEMBRSHIP	60.00
			M.MOUSSEAU SHRM MEMBRSHIP	60.00
			TRAINING - M.MOUSSEAU	99.00
			TRAINING - A.BERRETH	99.00
			NOTARY BOND - BOUWENS	25.75
		OPTUM BANK INC	HSA Contribution	37.50
			HSA Family/Dep. Contributi	75.00

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Retirement 401	455.37
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	19.73
			Group Life Ins and Buy Up	19.73
			Short Term Disability Ins	7.40
			Short Term Disability Ins	7.40
		OPTUM BANK INC	HSA Family/Dep. Contributi	75.00
			TOTAL:	2,768.86
Building Inspection	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	66.00
			Dental Insurance Premiums	61.71
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,311.34
			Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	11.00
			Vision Insurance Contribut	9.93
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
		INTERNAL REVENUE SERVICE	FICA	591.89
			Medicare	138.42
		MISSIONSQUARE RETIREMENT	Retirement 401%	272.71
			Retirement 401	692.31
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	3.21
			Group Dependent Life Ins	3.00
			Group Life Ins and Buy Up	29.08
			Group Life Ins and Buy Up	27.62
			Short Term Disability Ins	22.20
			Short Term Disability Ins	20.76
		ELAN CORPORATE PAYMENT SYSTEMS	CLOUD STORAGE FOR PHONE -	2.99
			ICC CODE BOOK	124.50
		OPTUM BANK INC	HSA Family/Dep. Contributi	225.00
			TOTAL:	6,321.77
Building Maintenance	General Fund	AMEREN MISSOURI	FRONT OF CH 1/15-2/13/25	64.95
		INTERNAL REVENUE SERVICE	FICA	68.59
			Medicare	16.04
		SUMMIT NATURAL GAS OF MISSOURI INC	SERVICE 1/16-2/17/25	451.35
		CAPITAL ONE, N.A.	BREAK ROOM TV	268.00
		GFL ENVIRONMENTAL	CITY HALL TRASH SERVICE	175.00
			TOTAL:	1,043.93
Parks	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premium	36.00
			Dental Insurance Premium	34.42
			Health Insurance Contribut	1,148.00
			Health Insurance Contribut	1,097.62
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	7.65
		INTERNAL REVENUE SERVICE	FICA	398.56
			Medicare	93.21
		MISSIONSQUARE RETIREMENT	Retirement 401%	194.23
			Retirement 401	453.22
		AT&T MOBILITY-CELLS	PARK ELECTRIC SIGN 2/12/25	46.83
		AMEREN MISSOURI	LWR DIAMOND LTS 1/8-2/6/25	12.85
			CP MAINT BLDG 1/15-2/13/25	161.20

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			Group Life Ins and Buy Up	8.81
			Short Term Disability Ins	14.80
			Short Term Disability Ins	14.80
		BERRETH, TARA	MEALS & MILEAGE MOCCFOA CO	268.40
		OPTUM BANK INC	HSA Family/Dep. Contributi	188.44
			TOTAL:	7,617.00
City Treasurer	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	88.00
			Dental Insurance Premiums	88.00
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,452.90
			Health Insurance Contribut	1,247.20
			Health Insurance Contribut	1,247.20
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	5.50
			Vision Insurance Contribut	12.00
			Vision Insurance Contribut	12.00
		INTERNAL REVENUE SERVICE	FICA	593.92
			Medicare	138.89
		MISSIONSQUARE RETIREMENT	Retirement 401%	247.51
			Retirement 401	695.03
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	4.28
			Group Dependent Life Ins	4.28
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	29.85
			Group Life Ins and Buy Up	29.85
			Short Term Disability Ins	29.60
			Short Term Disability Ins	29.60
		OPTUM BANK INC	HSA Family/Dep. Contributi	261.56
			TOTAL:	7,686.09
Municipal Court	General Fund	MIDWEST PUBLIC RISK	Health Insurance Contribut	623.60
			Health Insurance Contribut	623.60
			Vision Insurance Contribut	4.00
			Vision Insurance Contribut	4.00
		INTERNAL REVENUE SERVICE	FICA	110.56
			Medicare	25.86
		MISSIONSQUARE RETIREMENT	Retirement 401%	55.40
			Retirement 401	129.26
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	1.07
			Group Dependent Life Ins	1.07
			Group Life Ins and Buy Up	6.05
			Group Life Ins and Buy Up	6.05
			Short Term Disability Ins	7.40
			Short Term Disability Ins	7.40
		OPTUM BANK INC	HSA Family/Dep. Contributi	75.00
			TOTAL:	1,680.32
City Attorney	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	22.00
			Dental Insurance Premiums	22.00
			Health Insurance Contribut	726.45
			Health Insurance Contribut	726.45
		INTERNAL REVENUE SERVICE	FICA	397.15
			Medicare	92.88
		MISSIONSQUARE RETIREMENT	Retirement 401%	195.16

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		PRINCIPAL LIFE INSURANCE COMPANY	ADJUST PAYROLL DEDUCTIONS	25.70-
			ADJUST PAYROLL DEDUCTIONS	27.32-
			Group Life Ins and Buy Up	18.31
			Group Life Ins and Buy Up	18.31
		OPTUM BANK INC	HSA Contribution	330.83
			HSA Family/Dep. Contributi	2,574.96
			TOTAL:	52,255.32
Mayor & Board	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premium	18.00
			Dental Insurance Premiums	44.00
			Health Insurance Contribut	1,247.20
		LAKE OF THE OZARKS CONVENTION & VISITO	2025 CVB ANNUAL DINNER	270.00
		ELAN CORPORATE PAYMENT SYSTEMS	LEGISLATIVE CONF - MAROSE	135.00
			LEGISLATIVE CONF - HARMISO	135.00
			LEGISLATIVE CONF - HOFFMAN	135.00
			LEGISLATIVE CONF - OSTEEN	135.00
			LEGISLATIVE CONF - ROSS	135.00
			LEGISLATIVE CONF LDGNG SVC	17.99
			LEGISLATIVE CONF LDGNG - 5	697.30
			SUPPLIES - MAYORS DINNER	381.82
			TOTAL:	3,351.31
City Administrator	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premium	9.00
			Dental Insurance Premium	9.00
			Vision Insurance Contribut	2.00
			Vision Insurance Contribut	2.00
		INTERNAL REVENUE SERVICE	FICA	708.19
			Medicare	165.63
		LAKE OF THE OZARKS CONVENTION & VISITO	2025 CVB ANNUAL DINNER	90.00
		MISSIONSQUARE RETIREMENT	Retirement 401%	343.35
			Retirement 401	801.14
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	2.14
			Group Dependent Life Ins	2.14
			Group Life Ins and Buy Up	16.57
			Group Life Ins and Buy Up	16.57
			Short Term Disability Ins	14.80
			Short Term Disability Ins	14.80
			TOTAL:	2,197.33
City Clerk	General Fund	MIDWEST PUBLIC RISK	Dental Insurance Premiums	44.00
			Dental Insurance Premiums	44.00
			Health Insurance Contribut	1,247.20
			Health Insurance Contribut	1,247.20
			Vision Insurance Contribut	8.00
			Vision Insurance Contribut	8.00
		MILLER CO CLERK	2025 MUNICIPAL ELECTION CO	197.62
		INTERNAL REVENUE SERVICE	FICA	307.71
			Medicare	71.97
		MISSIONSQUARE RETIREMENT	Retirement 401%	155.76
			Retirement 401	363.44
		CAMDEN COUNTY CLERK	2025 MUNICIPAL ELECTION CO	3,403.24
		PRINCIPAL LIFE INSURANCE COMPANY	Group Dependent Life Ins	2.14
			Group Dependent Life Ins	2.14
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	5.26
			Group Life Ins and Buy Up	8.81

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	General Fund	MIDWEST PUBLIC RISK	ADJUST PAYROLL DEDUCTIONS	3,657.00-
			ADJUST PAYROLL DEDUCTIONS	184.00-
			ADJUST PAYROLL DEDUCTIONS	46.00-
			Dental Insurance Premium	18.00
			Dental Insurance Premiums	44.00
			Dental Insurance Premiums	748.00
			Dental Insurance Premiums	743.71
			Dental Insurance Premium	153.00
			Dental Insurance Premium	151.42
			Health Insurance Contribut	118.80
			Health Insurance Contribut	1,163.25
			Health Insurance Contribut	1,148.14
			Health Insurance Contribut	1,009.80
			Health Insurance Contribut	1,009.80
			Vision Insurance Contribut	88.00
			Vision Insurance Contribut	86.93
			Vision Insurance Contribut	34.00
			Vision Insurance Contribut	33.65
			Vision Insurance Contribut	72.00
			Vision Insurance Contribut	72.00
		MO DEPT OF REVENUE	State Withholding	4,802.00
		INTERNAL REVENUE SERVICE	Fed WH	13,374.15
			FICA	9,793.78
			Medicare	2,290.47
		LEGALSHIELD	ADJUST PAYROLL DEDUCTIONS	0.07-
			Pre-Paid Legal Premiums	81.73
			Pre-Paid Legal Premiums	81.73
		MISSIONSQUARE RETIREMENT	Loan Repayment	15.42
			Loan Repayment	98.17
			Loan Repayment	153.05
			Loan Repayment	112.29
			Loan Repayment	109.86
			Loan Repayment	52.29
			Retirement 457 &	5,133.52
			Retirement 457	2,603.84
			Loan Repayments	21.66
			Loan Repayments	233.48
			Loan Repayments	85.61
			Loan Repayments	119.32
			Loan Repayments	113.99
			Loan Repayments	701.20
			Loan Repayments	189.44
			Loan Repayments	258.16
			Loan Repayments	92.43
			Retirement Roth IRA	475.00
		CAMDEN COUNTY ASSOC COURT	OTHER AGENCY CASH BOND	300.00
		AMERICAN FIDELITY ASSURANCE COMPANY	ADJUST PAYROLL DEDUCTIONS	47.12-
			American Fidelity	1,720.97
			American Fidelity	1,720.97
			American Fidelity	752.95
			American Fidelity	752.95
		AMERICAN FIDELITY ASSURANCE CO FLEX AC	Flexible Spending Accts -	42.00
			Flexible Spending Accts -	42.00
		TEXAS LIFE INSURANCE CO	ADJUST PAYROLL DEDUCTIONS	0.05-
			Texas Life After Tax	140.62
			Texas Life After Tax	140.62

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
City Clerk	General Fund	LAKE SUN LEADER 81525 & 1586450	ANNUAL TIF STATIEMENT PN 2	480.00
			CARDSTOCK	11.65
		STAPLES BUSINESS ADVANTAGE	POSTIT NOTE, WHITE OUT, DU	22.40
			BOA WALL HANGERS	76.80
			COPY PAPER AND CARDSTOCK	252.07
		AMAZON CAPITAL SERVICES INC	SCANNER - DEP CITY CLERK	649.99
			TOTAL:	1,492.91
City Treasurer	General Fund	PITNEY BOWES GLOBAL	LEASE PAYMENT 12/30/24-3/2	438.81
		STAPLES BUSINESS ADVANTAGE	TONER	51.56
			TOTAL:	490.37
Municipal Court	General Fund	SMITH, GARY L	FEB MUNICIPAL JUDGE SERVIC	924.37
			TOTAL:	924.37
City Attorney	General Fund	THOMSON REUTERS - WEST	JURY INSTRUCTIONS	65.55
		MILLER, TODD	PROF SVC - ASST PRSCUT ATT	2,500.00
			TOTAL:	2,565.55
Building Inspection	General Fund	STAPLES BUSINESS ADVANTAGE	LAMINATING POUCHES	32.37
			TOTAL:	32.37
Building Maintenance	General Fund	CINTAS CORPORATION	CH FLOOR MATS	148.66
			CH FLOOR MATS	148.66
		STAPLES BUSINESS ADVANTAGE	COFFEE AND PLATES	99.64
			CHAIR MAT FOR VA OFFICE	54.78
		GOLD MECHANICAL INC	CH HVAC/BOILER REPAIR	40,240.80
		COCHRAN ENGINEERING	BUILDING IMPROVEMENTS	440.00
		NICK'S TRUE VALUE HARDWARE	FUEL TREATMENT FOR LEAF BL	4.99
		WOODLEY BUILDING MAINTENANCE	CITY HALL JANITORIAL SERVI	3,360.85
			TOTAL:	44,498.38
Parks	General Fund	O'REILLY AUTOMOTIVE STORES INC	GREASE FOR SMALL TRAILER	76.91
		COCHRAN ENGINEERING	IRRIGATION	0.00
		YESTERDAY'S MEALS LLC	PARK IMPROVEMENTS	1,450.00
			PORTABLE TOILET - MARCH	85.00
			TOTAL:	1,611.91
Human Resources	General Fund	LAKE REGIONAL OCCUPATIONAL MEDICINE	PREEMPLOYMENT TESTING	125.00
			PREEMPLOYMENT TESTING	80.00
		LAKE REGIONAL HEALTH SYSTEM	POST ACCIDENT TESTING	75.00
			PRE EMPLOYMENT TESTING	75.00
		OZARK TROPHY & ENGRAVING	ENGRAVED PLATE - SVC AWARD	15.00
		STANARD & ASSOCIATES, INC	LAW ENFORCEMENT TESTING	450.00
		GRAND COLLISION CENTER	PD 20 - DEDUCTIBLE - MPR25	1,000.00
			TOTAL:	1,820.00
Police	General Fund	LEON UNIFORM CO INC	UNIFORM AND ACCESSORIES	694.00
			UNIFORM PANTS	166.00
		SUN BADGE CO	BADGE	156.75
		MO SAFETY CENTER	LETSAC CONF REGIS - LEONAR	250.00
		ULINE	OFFICE DESK	3,125.65
		HEDRICK MOTIV WERKS LLC	SWAY LINK KIT - PD23	196.60
		AMAZON CAPITAL SERVICES INC	ENGINE LIGHT CHECK - PD18	135.98
			OFFICE CHAIR X 2	573.52
			COPIER LEASE 1/26-2/25/25	206.54

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		GRAND COLLISION CENTER	PD 20 - DEDUCTIBLE - MPR25	4,814.57
		HORTON ANIMAL HOSPITAL - DISCOVERY	FREYA - TREATMENT	628.35
			TOTAL:	10,947.96
911 Center	General Fund	INTRADO LIFE & SAFETY SOLUTIONS CORPOR	V-VAAS MTHLY FEE 3/1-3/31/	4,065.00
			TOTAL:	4,065.00
Engineering	General Fund	ENVIRONMENTAL SYSTEMS RESEARCH INSTITU	ARCGIS SUBSCRIPTION 4/25-4	3,890.00
		BARTLETT & WEST INC	LAKEPORT PLAN REVIEW 1/25-	988.72
		COCHRAN ENGINEERING	GENERAL CONSULTING	10,466.00
		NICK'S TRUE VALUE HARDWARE	CLAMP AND PIPES	23.31
			TOTAL:	15,368.03
Information Technology	General Fund	TYLER TECHNOLOGIES INC	BUSINESS LICENSE SUB FEE	300.00-
			INCODE COURT CREDIT	450.00-
			COURT CSE MNGMENT SUB FEES	1,136.25-
			UTILITY MTR RDR SUB FEES	784.00-
			MUNICIPAL SUB FEES	1,166.69-
			PRINTER CREDIT	749.38-
			INCODE SERVICES	17,330.66
		AMAZON CAPITAL SERVICES INC	SCANNER - ACCT SPECIALIST	649.99
			UBIQUITY CLOUD KEY	299.00
			KVM SWITCH AND CABLES	65.73
		MARCO	COPIER LEASE 1/26-2/25/25	263.03
		HUBER & ASSOCIATES, INC	JAN SOFTWARE MANAGEMENT	560.77
			MARCH MNGED SVCS	8,100.00
			TOTAL:	22,682.86
Economic Development	General Fund	HOLIDAYGOO INC	CANDY FILLED EASTER EGGS	4,427.50
			TOTAL:	4,427.50
Transportation	Transportation	RP LUMBER INC	REBAR FOR DRIVEWAY ON ARLE	298.56
		MO ONE CALL SYSTEM INC	LOCATES - 2/2025	54.00
		NU WAY CONCRETE FORMS CENTRAL INC	FORMS	4,096.99
		O'REILLY AUTOMOTIVE STORES INC	AIR FILTER FOR STREET SWEE	48.39
			CONNECTOR FOR TRK #6510	22.98
		SASCO PAVEMENT COATINGS INC	ROADSAVER FOR ZEBRA RD ARE	1,957.50
		BUTLER SUPPLY CO	PARTS - OBPWKY STREETLIGHT	21.00
		MO STATE AGENCY FOR SURPLUS PROPERTY	AIR COOLER FOR SHOP	1,000.00
		COMFORT CARE	HEAT INSTALL - MAIN SHOP	7,642.33
		KEY EQUIPMENT & SUPPLY CO	LEAF VAC TRAILER	2,744.07
		MAGRUDER LIMESTONE CO INC	4-6" CLEAN	1,644.16
		PARKWAY PLAZA TIRE	BRAKES FOR TRUCK 53	769.77
			TIRES FOR TRAILER	189.00
		J & A TRAFFIC PRODUCTS LLC	KLEEN BREAK ASSEMB - OB PK	570.00
		DELTA GASES INC	GLOVES FOR WELDING	39.56
			OXYGEN FOR WELDER	29.45
		AMAZON CAPITAL SERVICES INC	WINCH FOR DUMP TRUCKS	772.20
			UTENSILS	41.92
		COCHRAN ENGINEERING	SEAL	0.00
			ASPHALT OVERLAY	0.00
			STREETS - MISC	3,971.36
			SPECIAL ROAD DISTRICT PROJ	0.00
			OB PARKWAY	120.00
			BUILDING IMPROVEMENTS	0.00
		SWARCO REFLEX, LLC.	GLASS BEADS FOR STRIPING	8,901.50

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		NICK'S TRUE VALUE HARDWARE	MEN'S BATH TOILET REPAIR	12.82
			ANCHOR FOR STREET SIGNS	113.99
			SQUARES FOR SALT SPREADERS	29.98
			HOSE & GAS CAN - SALT SPRE	88.98
		ARMOR EQUIPMENT	AIR FILTER	237.00
		WOODLEY BUILDING MAINTENANCE	PW- TRANS JANITORIAL SERVI	596.07
		RUSH TRUCK CENTERS OF MISSOURI INC	DIAGNOSE ISSUES - TRUCK #5	307.55
		ENGINEERING SURVEYS & SERVICES LLC	HWY 42 SDWLK ENG-PRJCT G16	4,178.17
		MARCO	COPIER LEASE 1/26-2/25/25	68.84
		CUBIC ITS, INC	GRIDSMART SYSTEM AND ACCES	40,180.00
		EXTREME AUTO GLASS LLC	WINDSHIELD REPLACEMENT - #	275.00
		STREET SMART RENTALS LLC	TRAFFIC COUNTERS	8,430.00
			TOTAL:	89,453.14
Water	Water Fund	USABUEBOOK	PUMP	577.92
		MO ONE CALL SYSTEM INC	LOCATES - 2/2025	54.00
		D&R MATERIALS	TOPSOIL	48.00
		POSTMASTER	MARCH UTILITY BILL POSTAGE	625.00
		CORE & MAIN LP	3/4"-1" BRASS FITTINGS	3,987.68
			1" BRASS COUPLERS	3,815.00
		COMFORT CARE	HEAT INSTALL - MAIN SHOP	7,642.33
		AMAZON CAPITAL SERVICES INC	UTENSILS	41.92
		COCHRAN ENGINEERING	PROFESSIONAL SERVICES	1,200.00
			OTHER WATER CONSTRUCTION	0.00
			CONNECTING WATER	2,080.00
			BUILDING IMPROVEMENTS	0.00
			TOWER AND WELL IMPROVEMENT	40.00
		NICK'S TRUE VALUE HARDWARE	KEYS FOR DOOR	4.68
			MEN'S BATH TOILET REPAIR	12.82
		WOODLEY BUILDING MAINTENANCE	PW- WATER JANITORIAL SERVI	596.07
		MARCO	COPIER LEASE 1/26-2/25/25	68.84
			TOTAL:	20,794.26
Sewer	Sewer Fund	UNITED RENTALS (NORTH AMERICA) INC	CORE BIT FOR GOLFFVIEW STAT	88.55
		MO ONE CALL SYSTEM INC	LOCATES - 2/2025	54.00
		O'REILLY AUTOMOTIVE STORES INC	HYD SIGHT GLASS - BIG CRAN	4.20
			HOSE CLAMP	6.74
		POSTMASTER	MARCH UTILITY BILL POSTAGE	625.00
		BUTLER SUPPLY CO	CONDUIT AND REDUCER	43.16
		CORE & MAIN LP	STOCK PARTS	2,018.00
			STOCK PARTS	1,522.14
			GOLFFVIEW LIFTSTATION	69.44
			CPLGS - STATION #1	1,167.41
		A-B RENTAL & SALES, LLC	6" CORE BIT	120.00
		COMFORT CARE	HEAT INSTALL - MAIN SHOP	7,642.34
		SOUTHWEST STONE SUPPLY INC	RIVER ROCK - DARWIN DRIVE	854.04
		AMAZON CAPITAL SERVICES INC	UTENSILS	41.92
		COCHRAN ENGINEERING	PROFESSIONAL SERVICES	0.00
			REPAIR TO SYSTEM	0.00
			LIFT STATION IMPROVEMENT	960.00
			TTA ESTATES REHAB	0.00
			UNSERVED AREAS	0.00
			BUILDING IMPROVEMENTS	0.00
		REEVES-WIEDEMAN COMPANY	SUPPLIES - STATION #1 REPA	80.30
			STOCK SAWZALL BLADES	123.97
		NICK'S TRUE VALUE HARDWARE	BRUSH AND CAULK - STATION	25.97

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			MEN'S BATH TOILET REPAIR	12.82
		ARMOR EQUIPMENT	SEWER CAMERA	345.73
		WOODLEY BUILDING MAINTENANCE	PW- SEWER JANITORIAL SERVI	596.08
		MARCO	COPIER LEASE 1/26-2/25/25	68.85
			TOTAL:	16,470.66
Ambulance	Ambulance Fund	LEON UNIFORM CO INC	NAMEPLATE - RUDAT	22.00
			UNIFORM PANTS	69.00
		JOE MACHENS CAPITAL CITY FORD LINCOLN	ENGINE DIAGNOSIS - AMB	121.70
		DOUGLAS G WILSON DO PC	FEB MEDICAL DIRECTOR SVC	1,000.00
		TELEFLEX LLC	MEDICAL SUPPLIES	665.00
		LIFE-ASSIST, INC.	MEDICAL SUPPLIES	369.40
			LUMIFY S4-1 FOR ULTRASOUND	6,000.00
			LUMIFY S4-1 FOR ULTRASOUND	6,000.00
			LARYNGOSCOPE	2,901.30
		MALIBU BLUE OUTFITTERS	AMB UNIFORMS	994.00
			TOTAL:	18,142.40
Lee C. Fine Airport	Lee C. Fine Airpor	CRAWFORD, MURPHY & TILLY INC	LCF MSTR PLAN&UPDATE 1/1-1	12,311.16
		AMAZON CAPITAL SERVICES INC	USB HUB (6)	29.71
		WOODLEY BUILDING MAINTENANCE	LCF JANITORIAL SERVICES	851.93
			TOTAL:	13,192.80
Grand Glaize Airport	Grand Glaize Airpo	CRAWFORD, MURPHY & TILLY INC	GG MSTR PLAN&UPDATE 1/1-1/	15,426.15
		AMAZON CAPITAL SERVICES INC	USB HUB (6)	29.70
		WOODLEY BUILDING MAINTENANCE	GG JANITORIAL SERVICES	434.00
			TOTAL:	15,889.85

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

10	General Fund	110,927.21
20	Transportation	89,453.14
30	Water Fund	20,794.26
35	Sewer Fund	16,470.66
40	Ambulance Fund	18,142.40
45	Lee C. Fine Airport Fund	13,192.80
47	Grand Glaize Airport Fund	15,889.85

GRAND TOTAL:	284,870.32
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City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:

Bill 25-16- An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, to increase budget expenditures for the fiscal year 2025 for City Park Maintenance Building Bathroom Addition.
Second Reading

Requested Action:

Second Reading of Bill #25-16

Ordinance Referenced for Action:

Board of Aldermen approval required for certain budget amendments per Municipal Code Chapter 135; Section 135.020 Budget and Financial Control.

Deadline for Action:

Not Applicable

Budgeted Item:

Not Applicable

Budget Line Information (if applicable):

Budget Line Item/Title: Park Improvements 10 10-773278
FY2025 Budgeted Amount: \$320,000
FY2025 Expenditures to Date (02/25/2024): (\$ 143,349.75)
FY2025 Available: \$176,650.25

FY2025 Requested Amount: \$159,277.50
The total for this line item for FY 2025 would be \$479,277.50.

Department Comments and Recommendation:

The City Park Maintenance Building Bathroom Addition project was not completed in FY 2024. I originally forecasted that this project would have reached 100% completion before the new year, however that was not the case. The FY 2025 budget did not reflect the additional carry over for this project and therefore needs adjusted. The project amount will be carried over from the FY2024 budget to the FY2025 budget. The starting balance of the account will be greater due to the fact the expenditure did not occur in FY

2024 as forecast. The project is nearly complete and final inspections should be occurring soon. The new effective budget amount for FY 2025 in account Park Improvements 10 10-773278 would be \$479,277.50.

I recommend approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-16 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING ORDINANCE NO. 24.93 ADOPTING THE 2025 ANNUAL OPERATING BUDGET, TRANSFER OF FUNDS FOR NECESSARY EXPENDITURES, FOR CITY PARK MAINTENANCE BUILDING BATHROOM ADDITION.

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

Section 1. That the 2025 Annual Operating Budget adopted as Ordinance No. 24.93 is hereby amended by appropriating additional funds or reducing appropriations as follows:

	Original Budget	Amended Budget
10-10-773278	\$320,000	\$479,277.50

Section 2. In all other respects the 2025 Annual Operating Budget adopted in Ordinance No. 24.93 remains in full force and effect.

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

READ FIRST TIME: March 6, 2025

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.16 was duly passed on _____, by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: Nays: Abstain: Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.16.

Michael Harmison, Mayor

Date

ATTEST:

Tara Berreth, City Clerk

City of Osage Beach

Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:

Bill 25-17 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Budget, Transfer of Funds for Necessary Expenditures, for Summit Circle Drainage Improvements Project. *Second Reading*

Requested Action:

Second Reading of Bill #25-17

Ordinance Referenced for Action:

Board of Aldermen approval required for certain budget amendments per Municipal Code Chapter 135; Section 135.020 Budget and Financial Control.

Deadline for Action:

Not Applicable

Budgeted Item:

Not Applicable

Budget Line Information (if applicable):

Budget Line Item/Title: 20 00-773155 Misc. Streets/Roads

FY2025 Budgeted Amount: \$3,742,942

FY2025 Expenditures to Date (02/26/2025): (\$ 0.00)

FY2025 Available: \$3,742,942

FY2025 Requested Amount: \$69,806.00

The new total would be \$3,812,748.00 for this account.

Department Comments and Recommendation:

The Summit Circle Drainage Improvements Project was not completed in FY 2024 due to easement acquisition issues. Those issues stemmed from a concern from the property owner and are now resolved. The correct permanent easements have now been fully obtained. I originally forecasted that this project would have reached 100% completion before the new year. The FY 2025 budget does not reflect the additional carry-over for this project and therefore needs to be adjusted. The new effective budget amount for FY 2025 in account 20 00-773155 Misc. Streets/Roads would be \$3,812,748.00.

I recommend approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-17 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING ORDINANCE NO. 24.93 ADOPTING THE 2025 ANNUAL OPERATING BUDGET, TRANSFER OF FUNDS FOR NECESSARY EXPENDITURES, FOR SUMMIT CIRCLE DRAINAGE IMPROVEMENTS PROJECT.

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

Section 1. That the 2025 Annual Operating Budget adopted as Ordinance No. 24.93 is hereby amended by appropriating additional funds or reducing appropriations as follows:

	Original Budget	Amended Budget
20-00-773155	\$3,742,942	\$3,812,748

Section 2. In all other respects the 2025 Annual Operating Budget adopted in Ordinance No. 24.93 remains in full force and effect.

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

READ FIRST TIME: March 6, 2025

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.17 was duly passed on _____, by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: Nays: Abstain: Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.17.

Michael Harmison, Mayor

Date

ATTEST:

Tara Berreth, City Clerk

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Todd Davis, Police Chief
Presenter: Todd Davis, Police Chief

Agenda Item:

Bill 25-18 - An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 Adopting the 2025 Annual Operating Budget, amend and increase in budget expenditures for fiscal year 2025 for the Purchase of Police Department Vehicles.
Second Reading

Requested Action:

Second Reading of Bill #25-18

Ordinance Referenced for Action:

Board of Aldermen approval required for certain budget amendments per Municipal Code Chapter 135; Section 135.020 Budget and Financial Control.

Deadline for Action:

Not Applicable

Budgeted Item:

Not Applicable

Budget Line Information (if applicable):

Budget Line Item/Title: 10-14-774265 Vehicles

FY2025 Budgeted Amount: \$118,000.00

FY2025 Expenditures to Date (02/25/2025): (\$ 0)

FY2025 Available: \$118,000.00

FY2025 Requested Amount: \$212,500.00

Department Comments and Recommendation:

The purchase of three (3) Ford Interceptors includes two (2) that were approved during the 2025 budget process and one (1) that is a replacement for the vehicle that we lost in a crash last month. The costs of vehicles have increased from what was estimated during the budget process, and we just received invoices for the set-up of the vehicle we lost in August 2024 in the amount of \$2217.50, which also has to come out of the FY 2025 budget. We will receive an insurance settlement of \$22,892.00 for the vehicle involved in the crash; however, this will not cover the replacement cost of the car nor

the equipment that is needed to put the vehicle in service. The new requested FY 2025 budget amount of \$212,500.00 should cover the purchase of all three vehicles and equipment to put them in service along with the set-up cost associated with the crash from last year.

I recommend approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-18 is in correct form.

City Administrator Comments:

This overage will be covered by the bottom line of General Fund 10. I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING ORDINANCE NO. 24.93 ADOPTING THE 2025 ANNUAL OPERATING BUDGET, TRANSFER OF FUNDS FOR NECESSARY EXPENDITURES, FOR THE PURCHASE OF POLICE DEPARTMENT VEHICLE

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

Section 1. That the 2025 Annual Operating Budget adopted as Ordinance No. 24.93 is hereby amended by appropriating additional funds or reducing appropriations as follows:

	Original Budget	Amended Budget
10-14-774265	\$118,000	\$212,500

Section 2. In all other respects the 2025 Annual Operating Budget adopted in Ordinance No. 24.93 remains in full force and effect.

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

READ FIRST TIME: ~~MarMac~~ ~~Mar~~ March 6, 2025 READ SECOND

TIME:

I hereby certify that the above Ordinance No. 25.18 was duly passed on _____, by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: Nays: Abstain: Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.18.

Michael Harmison, Mayor

Date

ATTEST:

Tara Berreth, City Clerk

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Tara Berreth, City Clerk
Presenter: Cole Bradbury, City Attorney

Agenda Item:

Bill 25-19 - An ordinance of the City of Osage Beach, Missouri, authorizing the City Administrator to sign an amendment letter agreement with PGAV Planners, LLC (PGAV) for an analysis of the Incremental Tax Revenues for the Oasis at Lakeport Project in Osage Beach, MO for an amount not to exceed \$95,000.00, excluding applicable reimbursable expenses. *Second Reading*

Requested Action:

Second Reading of Bill #25-19

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Not Applicable

Budgeted Item:

Not Applicable

Budget Line Information (if applicable):

Not Applicable

Department Comments and Recommendation:

City Attorney Comments:

Per City Code 110.230, Bill 25-19 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

February 28, 2025

Devin Lake
City Administrator
City of Osage Beach
1000 City Parkway
Osage Beach, MO 65065

Dear Ms. Lake:

This amended letter agreement sets forth the terms and conditions of the engagement between the City of Osage Beach, Missouri (the “City” or “Client”) and PGAV Planners, LLC, a Missouri limited liability company (“PGAV” or “Consultant”) as an independent consultant. This letter agreement shall constitute a legally binding agreement between the City and PGAV upon each party signing this letter agreement where indicated below.

PGAV and the City executed an agreement dated April 4, 2024 and approved by the City as Ordinance 24-33 (the “Original Agreement”), of which the Original Agreement describes services provided by the Consultant. This letter presents an amendment to the Original Agreement to reflect changes in the Scope of Services and Professional Fees.

Scope of Services

This section shall be amended to add Section B.2., which includes the following additional services:

B.2. Revisions to Draft Revenue Analysis

PGAV will revise the initial draft revenue analysis to incorporate:

- updated development program,
- updated financing structure, and
- alternative valuation approach.

Professional Fees and Reimbursable Expenses

This section shall be amended to replace the original description with the following:

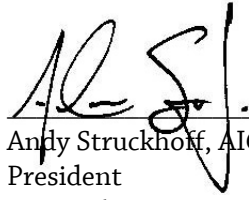
“With respect to work tasks described under Scope of Services, PGAV proposes to provide the work described for the lump-sum amount of \$95,000. PGAV will invoice monthly according to the percentage of work completed. This fee excludes reimbursable expenses. Any reimbursable expenses incurred by PGAV (such as data costs, travel, or printing) will be billed at their direct cost to PGAV.”

Agreement

If the terms of this agreement are acceptable to the City, please evidence our agreement by countersigning this letter agreement where indicated below.

On Behalf of:

Accepted:



Andy Struckhoff, AICP, DFCP
President
PGAV Planners, LLC

Date: _____
Name: Devin Lake
Title: City Administrator
Organization: City of Osage Beach, Missouri

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING THE CITY ADMINISTRATOR TO SIGN AN AMENDMENT LETTER AGREEMENT WITH PGAV PLANNERS, LLC (PGAV) FOR AN ANALYSIS OF THE INCREMENTAL TAX REVENUES FOR THE OASIS AT LAKEPORT PROJECT IN OSAGE BEACH, MO, FOR AN AMOUNT NOT TO EXCEED \$95,000.00, EXCLUDING APPLICABLE REIMBURSABLE EXPENSES.

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

Section 1. The Board of Aldermen authorizes the City Administrator to execute on behalf of the City a contract with PGAV Planners, LLC (PGAV) under substantially the same or similar terms and conditions as set forth in (“Exhibit A”).

Section 2. The City Administrator is hereby authorized to take such further actions as are necessary to carry out the intent of this Ordinance and Contract.

Section 3. This Ordinance shall be in full force and effect from date of passage and approval by the Mayor.

READ FIRST TIME: March 6, 2025

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.19, 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 his signature.

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.19.

Date

Michael Harmison, Mayor

ATTEST:

Tara Berreth, City Clerk

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Tara Berreth, City Clerk
Presenter: Frederick Gregory, Parks and Recreation Manager

Agenda Item:

Bill 25-20 - An ordinance of the City of Osage Beach, Missouri, amending Chapter 245, Section 245.060 Park Advertising of the City code for various purposes as set forth.
First Reading

Requested Action:

First reading of Bill 25-20

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

NO

Budgeted Item:

NO

Budget Line Information (if applicable):

NO

Department Comments and Recommendation:

Requesting permission to amend the park advertising ordinance to update the verbiage as it pertains to sign material options and annual rate changes. This is per the Board's direction to review and update department ordinances.

City Attorney Comments:

Per City Code 110.230, Bill 25-20 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING CHAPTER 245 SECTION 245.060 PARKS ADVERTISING; OF THE CITY CODE FOR VARIOUS PURPOSES AS SET FORTH.

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

Section 1. Within the City Code there are hereby enacted new Sections with material repealed and replacing set forth below with new material set out in **RED** and deleted material struck as follows:

Section 245.060. Park Advertising.

Event Advertising And Signage. Only banners and signs for permitted events shall be allowed within the City's parks or on City property and must be approved by the Parks and Recreation Department. Approval shall be done through the park use application for permit process.

1. Banners and signs for permitted events shall only be temporary in use and not permanently constructed, installed or built on City property.
2. **Event** Applicant agrees to comply with all City codes, applicable laws and regulations.
3. The City reserves the right to edit advertising for content. All advertising shall be approved by the Parks and Recreation Department.

B. *Park Advertising.* The City's advertising program will allow businesses various opportunities to advertise at either Osage Beach City Park or Peanick Park.

1. *Terms of agreement.*
 - a. Businesses shall contract with the City for advertising space and will be reserved on a first-come, first-**served** ~~serve~~ basis and shall be subject to the terms of the contract.
 - b. Minimum term of advertising shall be for at least one (1) year and shall include first right of refusal or opportunity to enter into a new contract.
 - c. Rates are non-exclusive, allowing competing products or services to purchase advertising.
 - d. Rates are due and payable upon receipt of invoice by the City. Annual fees are due **at the beginning** ~~on or before January 1~~ of each calendar year.
 - e. If the City has, or will acquire, naming rights to a ~~city~~**City** facility, such naming rights may impact the ability of a competitive advertiser in that City facility and/or in the areas associated directly with that facility.
 - f. Advertising contracts shall be based on available advertising space, advertising product, ad copy and graphics.
 - g. The City reserves the right to edit advertising for content. All advertising shall be approved by the Parks and Recreation Department.
 - h. The City Administrator or his/her designee shall have the authority to enter into a

2. ~~Rates.~~ The City will charge advertising at an annual rate. ~~Rates do not include design and production costs.~~ Exhibit A contains annual pricing information and will be kept on file by City staff as authorized by City Administrator. The City ~~Administrator or his or her designee~~ reserves the right to adjust annual ~~may set or adjust~~ rates and/or program details at the beginning of each calendar year at the discretion of the City Administrator or his/her designee as set by policy.

The chapters, sections, paragraphs, sentences, clauses and phrases of this ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this ordinance shall be declared unconstitutional or otherwise invalid by the valid judgment or degree of any Court of any competent jurisdiction, such unconstitutionality or invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs, or sections of this ordinance since the same would have been enacted by the Board of Aldermen without the incorporation in this ordinance of any such unconstitutional or invalid phrase, clause, sentence, paragraph or section.

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.

READ SECOND TIME:

Ayes: Nays: Abstentions: Absent:

Tara Berreth, City Clerk

Page 47 of 159

I hereby approve Ordinance No.25.20.

Michael Harmison, Mayor

Date

Tara Berreth, City Clerk

Osage Beach Parks & Rec Advertising Program & Rates

(See Section 245.060 of the Osage Beach Municipal Code for more details.)

Osage Beach City Park Ballfield Complex

Outfield Signage – 6’x 8’ Full-Color, All-Weather

One field = \$350/year

Two fields = \$650/year

Three fields = \$750/year

Scoreboards Signage – 4’x8’ Full-Color, All-Weather

One field = \$950/year

Two fields = \$1800/year

Three fields = \$2500/year

Backstop Signage – 2’x 10’ Full-Color, All-Weather

One field = \$750/year

Two fields = \$1400/year

Three fields = \$1900/year

Osage Beach Lowe’s Bark Park

Fence Signage- 4’x6’ Full-Color, All-Weather

One Sign = \$250/year

Two Signs = \$450/year

Three Signs = \$550/year

Four Signs = \$650/year

The City reserves the right to adjust annual rates and/or program details at the beginning of each calendar year at the discretion of the City Administrator or his/her designee.

Revised: March 2025

City of Osage Beach

Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:

Bill 25.21 - An ordinance of the City of Osage Beach, Missouri, authorizing supplemental agreement #3 for time extension to the design services agreement with Engineering Surveys & Services for the Hwy 42 Sidewalk project. *First and Second Reading*

Requested Action:

First & Second Reading of Bill #25-21

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Not Applicable

Budgeted Item:

This project is budgeted but this supplemental agreement does not constitute a monetary change it is only a time extension.

Budget Line Information (if applicable):

Not Applicable

Department Comments and Recommendation:

Unfortunately, this project has run into several problems. All related to the proposed 42 sidewalk crossing through Missouri State Park property (Peanick Park). The plans are currently in the Right-of-Way phase and the project is stalled at this phase while I attempt to acquire the necessary property along Hwy. 42 for the project. While all of these issues except for Right-of-Way have been resolved, the contract for design services needs to be extended with ES&S to take the project and plans to the final plans phase.

I recommend approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-21 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

BILL NO. 25.21

ORDINANCE NO. 25.21

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING SUPPLEMENTAL AGREEMENT #3 FOR A TIME EXTENSION TO THE DESIGN SERVICES AGREEMENT WITH ENGINEERING SURVEYS & SERVICES FOR THE HWY 42 SIDEWALK PROJECT

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

Section 1. The Board of Aldermen hereby authorizes the Mayor to execute on behalf of the City a time extension with Engineering Surveys & Services. under substantially the same or similar terms and conditions as set forth in "Exhibit A".

Section 2. The City Administrator is hereby authorized to take such further actions as are necessary to carry out the intent of this Ordinance and Contract.

Section 4. This Ordinance shall be in full force and effect from date of passage and approval by the Mayor.

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.21 was duly passed on _____, by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes:

Nays:

Abstain:

Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.21.

Date

Michael Harmison, Mayor

ATTEST:

Tara Berreth, City Clerk

SUPPLEMENTAL AGREEMENT NO.3

TO

ENGINEERING SERVICES CONTRACT

This supplemental agreement is made part of an agreement dated April 10, 2023 between the City of Osage Beach, Missouri and Engineering Surveys & Services, for design and construction administration services for Transportation Alternative Project (TAP) 9901(529) City of Osage Beach Route 42 sidewalk improvement from Columbia Avenue to School of the Osage. The purpose of the Supplemental Agreement is to extend the previously approved PS&E due date and Construction Contract Award date due to unforeseen delays in obtaining NEPA clearance because of extended delays in obtaining 6(f) and 4(f) clearances. Preliminary plan approval was obtained from MoDOT on September 30, 2024.

This Supplemental Agreement will make the final PS&E approval by MoDOT on or before July 1, 2025. This agreement shall not change the compensation amount. The total (Design and Construction inspection services) compensation maximum shall be as per the original agreement, \$70,862 for Design and \$79,727 for construction inspection services.

SUMMARY

Total Original Contract (Design and Construction inspection services) amount: \$150,589

Supplemental Agreement No. 3 accepted as defined herein:

Owner: City of Osage Beach

Engineer: Engineering Surveys & Services

BY: _____

BY: _____

TITLE: _____

TITLE: Jefferson City Branch Manager

DATE: _____

DATE: 2/10/2025

Executed by the City on the _____ day of _____, 20____

City of Osage Beach

Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:

Bill 25.22 - An ordinance of the City of Osage Beach, Missouri, authorizing the Mayor to execute a time extension Supplemental Agreement #2 for a time extension with Missouri Highways and Transportation Commission Enhancements Fund for the Highway 42 Tap Grant ADA Project. *First and Second Reading.*

Requested Action:

First & Second Reading of Bill #25-22

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Budgeted Item:

Budget Line Information (if applicable):

Department Comments and Recommendation:

Unfortunately, this project has run into several problems. All related to the proposed Hwy. 42 sidewalk crossing through Missouri State Park property (Peanick Park). The plans are currently in the Right-of-Way phase and the project is stalled at this phase while I attempt to acquire the necessary property along Hwy. 42 for the project. While all of these issues except for Right-of-Way have been resolved, the agreement with MoDOT needs a time extension for the funds to remain available to the City. I recommend approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-22 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING THE MAYOR TO EXECUTE SUPPLEMENTAL AGREEMENT #2 FOR A TIME EXTENSION WITH MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION ENHANCEMENT FUND FOR THE HIGHWAY 42 TAP GRANT ADA PROJECT.

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

Section 1. That the Board of Aldermen authorize the Mayor to sign a contract with the Missouri Highways and Transportation Commission State Block Grant Agreement for a time extension for the Highway 42 sidewalks TAP Grant under substantially the same or similar terms and conditions as set forth in "Exhibit A".

Section 2. The City Administrator is hereby authorized to take such further actions as are necessary to carry out the intent of this Ordinance and Contract.

Section 3. This Ordinance shall be in full force and effect from date of passage and approval by the Mayor.

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.22 was duly passed on , by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes:

Nays:

Abstain:

Absent:

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

Date
Approved as to form:

Tara Berreth, City Clerk

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.22.

Michael Harmison, Mayor

Date

ATTEST:

Tara Berreth, City Clerk

BILL NO. 22.63

ORDINANCE NO. 22.63

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING THE MAYOR TO EXECUTE THE MISSOURI HIGHWAYS AND TRANSPORTATION ALTERNATIVES FUNDS PROGRAM AGREEMENT TO FUND PEDESTRIAN IMPROVEMENTS FOR THE HYW 42 SIDEWALK PROJECT.

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

Section 1. That the Board of Aldermen to authorize the Mayor to sign a contract with for the Missouri Highways and Transportation Commission State Block Grant Agreement for the pedestrian improvements – Highway 42 sidewalks under substantially the same or similar terms and conditions as set forth in “Exhibit A”.

Section 2. Total expenditures or liability authorized under this Ordinance shall not exceed Six Hundred Seven Thousand Four Hundred Eighty-Eight Dollars. (\$607,488.00)

Section 3. The City Administrator is hereby authorized to take such further actions as are necessary to carry out the intent of this Ordinance and Contract.

Section 4. This Ordinance shall be in full force and effect from date of passage and approval by the Mayor.

READ FIRST TIME: September 1, 2022 READ SECOND TIME: September 15, 2022

I hereby certify that the above Ordinance No. 22.63 was duly passed on , by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes: 6

Nays: 0

Abstain: 0

Absent: 0

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

Sept. 15, 2022
Date

Tara Berreth
Tara Berreth, City Clerk

Approved as to form:

Edward B. Rucker
Edward B. Rucker, City Attorney

I hereby approve Ordinance No. 22.63.

September 15, 2022
Date

Michael Harmison
Michael Harmison, Mayor

ATTEST:

Tara Berreth
Tara Berreth, City Clerk

CCO FORM: FS31

Approved: 11/15 (MWH)

Revised: 10/22 (MWH)

Modified:

Miller County

City of Osage Beach

Project TAP 9901529

CFDA Number: 20.205

CFDA Title: Highway Planning and Construction

Award name/number: TAP – 9901(529)

Award Year: FY22

Federal Agency: Federal Highway Administration, Department of Transportation

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
TRANSPORTATION ENHANCEMENTS FUNDS
SUPPLEMENTAL AGREEMENT**

THIS SUPPLEMENTAL AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and the City of Osage Beach (hereinafter, "City").

WITNESSETH:

WHEREAS, on October 26, 2022, the Commission and the City previously entered into a Transportation Enhancements Funds Agreement as to public improvements designated as TAP 9901(529), for the construction of Sidewalks along Route 42, (hereinafter, "Original Agreement"); and

WHEREAS, the Commission and the City now desire to revise the Original Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations contained herein, the parties agree as follows:

(1) REVISION: Paragraph(s) Exhibit B of the Original Agreement (is/are) removed and replaced with the following:

Task	Date
Advertisement for Letting	7/1/2025
Bid Opening	8/1/2025
Construction Contract Award	9/1/2025

(2) ORIGINAL AGREEMENT: Except as otherwise modified, amended, or supplemented by this Supplemental Agreement, the Original Agreement and all previous Supplemental Agreements between the parties shall remain in full force and effect and shall extend and apply to this Supplemental Agreement as if fully written in this Supplemental Agreement.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by the City this _____ (date).

Executed by the Commission this _____ (date).

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

City of Osage Beach

Title: _____

By _____
Title: _____

ATTEST:

ATTEST:

Secretary to the Commission

By _____
Title: _____

Approved as to Form:

Approved as to Form:

Commission Counsel

Title: _____

Ordinance No.: _____

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Todd Davis, Police Chief
Presenter: Todd Davis, Police Chief

Agenda Item:

Bill 25-23- An ordinance of the City of Osage Beach, Missouri, authorizing the mayor to execute a contract with Daikin TMI for 911 Dispatch Relocation Project for an amount not to exceed \$21,632.00. *First Reading*

Requested Action:

First Reading of Bill #25-23

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Budgeted Item:

Yes

Budget Line Information (if applicable):

Budget Line Item/Title: 10-15-774262 Communications Equipment

FY2025 Budgeted Amount: \$440,000.00

FY2025 Expenditures to Date (03/11/2025): (\$ 0)

FY2025 Available: \$440,000.00

FY2025 Requested Amount: \$21,632.00

Department Comments and Recommendation:

This is a memorandum of understanding between the City and Daikin TMI, for the development of the 911 Dispatch Center Relocation. This memorandum of understanding states that the scope of work for Daikin TMI, is to partner with an Architect and Engineer to provide a design solution and building permit documents.

Daikin TMI, are members of cooperative bidding groups that the City can be members of. Daikin TMI, is able to do all aspects of the project from development to construction.

While we have never utilized Daikin TMI, they have done this scope of work locally for

the Miller County 911 Center and they are satisfied with their work.

The Police Department recommends approval.

City Attorney Comments:

Per City Code 110.230, Bill 25-23 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

BILL NO. 25-23

ORDINANCE NO. 25.23

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT WITH DAIKIN TMI FOR 911 DISPATCH RELOCATION PROJECT FOR AN AMOUNT NOT TO EXCEED \$21,632.00

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

Section 1. The Mayor is hereby authorized to execute a Consulting Agreement with Daikin TMI under substantially the same terms and conditions as the attached draft, **Exhibit A** to this ordinance.

Section 2. Total expenditures or liability authorized under this Ordinance shall not exceed Twenty One Thousand Six Hundred Thirty Two Dollars (\$21,632.00)

Section 3. That this Ordinance shall be in full force and effect from and after the date of passage and approval of the Mayor.

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.23 was duly passed on , by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes:

Nays:

Abstain:

Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.23.

Date

Michael Harmison, Mayor

ATTEST:

Tara Berreth, City Clerk

March 5, 2025

Ms. Devin Lake, CBO
City of Osage Beach
1000 City Parkway
Osage Beach, MO 65065

Memorandum of Understanding 911 Dispatch Relocation

Ms. Lake,

Daikin TMI is pleased to provide this Memorandum of Understanding (MOU) for development of the City of Osage Beach, 911 Dispatch Relocation project.

INTENT Daikin TMI working in partnership with the City of Osage Beach will develop and execute interior building renovations for a limited area of the ground floor of the Osage Beach City Hall, located at 1000 City Parkway.
The scope of our services includes, but is not limited to the following:

PROJECT DEVELOPMENT Architectural Design and Engineering Services
1. Building Health Life Safety Code Evaluation
2. Conceptual Floor Plans (partial at limited Ground Floor level)
3. Architectural Construction/Permit Documents
4. MEPFPT Construction/Permit Documents

By entering into this Memorandum of Understanding, both parties are mutually agreeing to work in cooperation to develop and deliver the best solution for the City of Osage Beach and the community in which it serves. Our goal is to be your single-source, trusted partner for the duration of this project, including design, engineering, development, construction and support.

This agreement provides for mutual input into the process and provides a cooperative working relationship between both parties. We will provide Architectural and Engineered Construction/Permit documents, master Project Cost Summary and a master Project Schedule; along with a formal fully transparent turnkey project proposal to the City of Osage Beach consideration.

By signature of this document, it is understood that the information collected and generated through this process is proprietary between City of Osage Beach and Daikin TMI and is not to be used by any party other than Daikin TMI to solicit bids.

Daikin TMI**Deliverable:**

Daikin TMI plans to partner with:
ECS Engineers (project Architect and Engineer of record)
to provide a design solution and building construction permit documents.

Not Included**Under MOA:**

We do not include any services or work not specifically outlined in this agreement.
All work will be clearly defined in our proposals.

Specifically not included in the scope of this Memorandum of Understanding:

- Execution of project construction. Detailed scope and pricing will be provided following the development process.

City of Osage Beach**Agrees To:**

- Identify any project team members not to be included in Daikin TMI turnkey proposal (*none identified at this time*).
- Invest time in preliminary project development meetings for a comprehensive understanding of project goals.
- Provide Daikin TMI and partners access to the site.
- Provide Daikin TMI access to appropriate information needed to assist in completion of the architecture and engineering through the design phase of this project.
- Help as necessary in providing Daikin TMI with all known information relative to this project.
- Provide Daikin TMI with design drawings from the original facility construction.

With your approval we mutually agree to work together and move forward with the development of a Turnkey Solution for the City of Osage Beach, 911 Dispatch Relocation project.

This Memorandum of Understanding does not obligate funds, other than for the project development scope itemized as the Daikin TMI Deliverable above.

It is also mutually agreed that the solution developed, including the proposed scope and engineering is the intellectual property of Daikin TMI and will not be used to solicit any bids from any other parties other than Daikin TMI.

City of Osage Beach agrees to pay a fee of **\$21,632.00** (*cost \$17,000 plus fee of: \$4,632 for Daikin TMI to facilitate project design development, AE management and the cooperative purchasing fee*) for services rendered to facilitate the Project.



All proposals or reports provided as a part of this process shall be considered confidential and shall not be shared beyond the City of Osage Beach.

Daikin TMI, 715 Goddard Avenue, Chesterfield, MO 63005

_____	Account Manager	3.5.2025
Authorized Signature	Title of Approver	Date of Approval

City of Osage Beach, 1000 City Parkway, Osage Beach, MO 65065

_____	_____	_____
Authorized Signature	Title of Approver	Date of Approval

If this Memorandum of Understanding meets with approval, please have the appropriate party sign it and then return it to us for our signature. We will thereafter return a copy to you for your records.

Once the final proposal and pricing is agreed upon we will be ready to execute a construction agreement to manage purchasing, installation and delivery of this project.

I look forward to the opportunity to work with you on this project.

Sincerely,

Carey J. Edwards
Account Manager
Daikin TMI
Phone: (314) 363-1022

City of Osage Beach

Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Devin Lake, City Administrator
Presenter: Devin Lake, City Administrator

Agenda Item:

Bill 25-24- An ordinance of the City of Osage Beach, Missouri, amending the Osage Beach Design Guidelines Section 1 - Overview, Section 2 - Water System, Section 3 - Sewerage System, Section 4 - Storm Drainage, Section 5 - Roads, Streets and Parking Areas, Section 6 - Road Cut, Utility Trench & Excavation Permit, Section 7 Street Lights. *First Reading*

Requested Action:

First Reading of Bill #25-24

Ordinance Referenced for Action:

Board of Aldermen approval required for certain budget amendments per Municipal Code Chapter 135; Section 135.020 Budget and Financial Control.

Deadline for Action:

Budgeted Item:

Budget Line Information (if applicable):

Department Comments and Recommendation:

Engineering - The design guidelines were updated to change all approvals by the "Public Works Operation Manager" to approvals by "City of Osage Beach". This makes the approvals an internal process decision rather than a restricting that process to a certain position.

City Attorney Comments:

Per City Code 110.230, Bill 25-24 is in correct form.

City Administrator Comments:

I concur with the department's recommendation.

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING THE OSAGE BEACH DESIGN GUIDELINES SECTION 1 – OVERVIEW, SECTION 2 – WATER SYSTEM, SECTION 3 – SEWERAGE SYSTEM, SECTION 4 – STORM DRAINAGE, SECTION 5 – ROADS, STREETS AND PARKING AREAS, SECTION 6 – ROAD CUT, UTILITY TRENCH & EXCAVATION PERMIT, SECTION 7 STREET LIGHTS

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 amendments as set forth below with new material set out in **RED** and deleted material struck as follows:

See Attached –Section 1 – Overview
Section 2 – Water System
Section 3 – Sewerage System
Section 4 – Storm Drainage
Section 5 – Roads, Streets, and Parking Areas
Section 6 – Road Cut, Utility Trench & Excavation Permit
Section 7 – Street Lights

Section 2. That this Ordinance shall be in full force and effect upon date of passage and approval by the Mayor.

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.24 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 his signature.

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury City Attorney

I hereby approve Ordinance No. 25.24.

Date

ATTEST:

Michael Harmison, Mayor

Tara Berreth, City Clerk

~~(Revised 21OCT-2004 – SH)~~

This guideline is a supplement to the ordinances of the City of Osage Beach, Missouri and sets forth the requirements and policies for the design of city infrastructure. The basic design parameters and specifications for approval by the city are set forth herein.

City Infrastructure shall be designed and constructed in accordance with the Missouri Department of Highways and Transportation Commission Project Design Manual; the Missouri Department of Highways Standard Specifications; American Association of State Highway and Transportation Officials (AASHTO) Policy for the Geometric Design of Highways and Streets, the Missouri Department of Natural Resources regulations; the International Building Code; the National Electric Code; the International Plumbing Code; the International Mechanical Code; the International Fire Code, and additional standards, policies and ordinances referenced herein. In general, the policies and ordinances stated herein are supplemental to the applicable County, State, or Federal regulations as necessary to meet specific conditions in the City of Osage Beach.

The requirements for water system permits, sewer system permits, excavation permits, and road-cut permits are contained herein.

The public is encouraged to call or come to the City Hall and see the City Building Official or City Engineer for clarification of design, construction, and permitting issues.

The primary goal of these guidelines is to assure the public safety and provide for a high quality environment for those living or visiting our city.

End

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 (MoDNR), 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 MoDNR 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
Chapter 410.190 Basic Standards
Chapter 410.320 Waterlines
Chapter 505 Fire Prevention and 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 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:

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 MoDNR Regulations.

WATER DISTRIBUTION – BASIC DESIGN CRITERION

A. Fire Demand and Supply

1. Industrial, commercial, and multi-unit residential structures:
 - a. Provide not less than 2,000 gpm at a residual pressure of 20 psi at each building site.
 - b. Provide two fire hydrants within 300-feet of each structure.
 - c. Hydrant spacing in commercial and industrial areas shall not be less than 300-feet.
 - d. Provide one hydrant within 125-feet of each fire main entrance into the structure.
 - e. Provide fire main service to each structure with indicating type valve at the water main. The minimum size fire service line is 4-inches.
 - f. The minimum static pressure at each structure shall be 35 psi.
 - g. Commercial buildings, Condominiums and Multi-Family Occupancies, which have a fire suppression system, must also be served by an approved fire hydrant not further than 150-feet, in the line of hose path travel, from the fire department connection.
2. Residential and Undeveloped
 - a. Provide not less than 1,000 gpm at a residual pressure of 20 psi.
 - b. Provide not less than one fire hydrant within 300-feet.
 - c. In the case of a structure or residence that is not connected to city water a fire hydrant must be available within 600-feet.
 - d. In undeveloped areas a fire hydrant shall be installed every 600-feet.

B. Fire Main Connections to Structures

1. Where required by the Osage Beach Fire District, NFPA, International Fire Code 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 the 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 MoDNR standard for a minimum size main is 8-inches. The city standard allows for 6-inch mains in residential areas where a fire flow of 1,000 gpm at a residual pressure of 20 psi can be maintained.
3. The minimum static pressure for domestic service shall not be less than 35 psi.
4. A fire hydrant or blow-off valve shall be installed at the end of all water mains.
5. The maximum design flow velocity shall be 8 fps.
6. An isolation valve shall be installed at not less than every 500-feet commercial, 800-feet residential 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 for single-family residents and all 5/8-inch meter installations will not have a city owned backflow device installed.
2. Industrial and commercial connections and all meter installations of 1-inch and larger shall have a privately owned dual check device installed. This backflow device is exclusive of and specifically not intended for use in lieu of backflow devices required by the customer's use.
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 Operations Manager~~ The City of Osage Beach; or designee;

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<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 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 1,200 gpm	Municipal Use Only (Turbine Meter)
6"	20 to 2,500 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 a single tap on the main, one meter, and receive one billing. Generally single-family residences and small businesses will be set up with a 5/8-inch meter. Individual owners shall confer with the ~~Public Works Operations Manager~~City of Osage Beach 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 is: one property, one bill. Multi-family residential units are billed based on 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
 - a. The general rule is: one owner of the property, one meter. If there are multiple duplexes 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 1,000 gal. per unit billed at the established rate per 1,000 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.

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- 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 Operations Manager~~City of Osage Beach.~~-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 Operations Manager~~City of Osage Beach.~~-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 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

- 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. All mains 6-inches and larger:
 - a. Ductile Iron Pipe, AWWA C150 and C151, Class 350
 - 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 305
 - 1) Joints shall be push-on type rubber gasket
- B. Water Meter Service Lines and City Service Lines
 - 1. HDPE AWWA C901, CTS, SDR9, Class 200
 - 2. Larger than 2-inches to be approved by ~~Public Works Operations~~
Manager City of Osage Beach
- 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.
- D. Water Fittings and Adapters Ductile Iron and PVC
 - 1. 6-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 grip restraint mechanical joint pipe and fittings, such as Megalug or approved equal.
 - 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 with a minimum thickness of 24 mils.
 - 5) Bolts shall be stainless steel, fluoropolymer coated, or approved equal.

- 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) Bell Joints shall be restrained with all threads or approved equal.
 - 2) Approved concrete thrust blocks required.
- 2. For pipe 1-1/2-inches to 3-inches:
 - a. Fittings:
 - 1) For ASTM 2241, SDR 21, Class 200 fittings shall be approved by the City of Osage Beach ~~Public Works~~ Operations Manager.
- 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 or approved equal.
- E. Waterline Valves and Valve Boxes (for Valves 2-inches and larger):
 - 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, M&H, or approved equal.
 - 3. Valve Boxes shall be cast iron bonnet, PVC riser, with cast iron top and cover marked “water”.
- F. Fire Hydrants
 - 1. Fire hydrants shall be Mueller Super Centurion 250, American-Darling B84 or Clow Medallion with 4-1/2-inch pumper inlet, and two 2-1/2-inch hose connections. Hydrants shall be fully compatible with the requirements of the Osage Beach Fire Protection District.

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2. Fire hydrants shall be painted red with epoxy coating as approved by the ~~City of Osage Beach Public Works Operations Manager or designee.~~
- G. Blow-Off Assembly
1. Post Hydrants shall be non-freezing, self-draining type with a minimum 42-inches of cover to the main. Hydrants shall be furnished with a 2-inch 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 2½-inch 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-inch and 1-inch 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 or Ford Ballcorp F(B)1000 Series, with pack joint for PE pipe.
 - c. Meter Setter shall Be Ford 70 Series Coppersetter single yoke, with lockable angle valve, spreader bar, and CTS pack joint. *Do not place dual check assembly on residential service lines.*
 - d. Meter Vault shall be ADS N-12 corrugated plastic of appropriate size (min. 24-inch), with Ford Wabash lid cover with Clay & Bailey extension ring. The lid cover must have a hole that accommodates the meter antenna.
 - e. If the distance from the angled valve to the top of the lid is greater than 24-inches, the meter pit shall be up sized to 36-inches in diameter.
 - f. All additional devices, equipment, and valves shall be down stream of the water meter and not located within the water meter pit.
 2. 1-inch, 1-1/2-inch, and 2-inch Meters for Commercial or Multi-family Residential Use:
 - a. Tapping saddle shall be Ford Brass Saddles Hinged Series S91 for PVC and Series 202B IP for DIP. It shall be a 2-inch tap with 2-inch service line to the meter., min. 1-inch for 1-inch meters and 2-inch for all larger.
 - b. Corporation Stop shall be Ford or Ford Ballcorp F(B)1000 Series, with pack joint for PE pipe.
 - c. Meter Setter shall Be Ford 70 Series Coppersetter single yoke, with lockable angle valve, spreader bar, dual check assembly, and CTS pack joint.

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- d. Meter Vault shall be ADS N-12 corrugated plastic of appropriate size (min. 36-inch), with Ford Wabash lid cover with Clay & Bailey extension ring. The lid cover must have a hole that accommodates the meter antenna.
 - e. All additional devices, equipment, and valves shall be down stream of the water meter and not located within the water meter pit.
3. Meter larger than 2-inches.
- a. Tap, valves, fittings, and meter service line shall be not less than 2-inches 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-inch tap, 4-inch gate valve, 4-inch meter service line, 3-inch meter, 3-inch PRV, 3-inch dual check assembly, 4-inch 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. All additional devices, equipment, and valves shall be located on the customer's side of the water meter and not located within the water meter pit.

WATERLINE AND APPURTENANCE INSTALLATION REQUIREMENTS

A. Waterline Installation

- 1. The minimum depth of cover is 42-inches above the top of the pipe.
- 2. The maximum depth of cover for waterlines is 5-feet unless specifically authorized in writing by the City of Osage Beach~~Public Works Operations Manager or designee~~.
- 3. Blue minimum 4-inch-wide marking tape marked "waterline below" shall be installed 12-inches above all waterlines.
- 4. Locator wire shall be standard tracer wire, a single No. 12 U.L. approved copper wire of the solid type with insulation for 600 volts. Wire for this service shall be blue in color and provided in standard rolls of not less than 500-foot lengths. Locator wire shall be placed on top of the water main and secured with tape at 8-foot intervals. Locator wire shall extend to al terminus, such as valves, hydrants, and meter pits.
 - a. Splices shall only be allowed where accessible. Buried splices will not be allowed. If valve box locations are spaced more than 500-feet apart, contractor shall install a vertical piece of 6-inch diameter PVC adjacent to the water main topped with a cast iron

bonnet and cover marked “water”. The wire shall be run outside up alongside the valve box, then through a hole in the valve box just below ground level. The splice connector shall be left exposed at the top of the valve box. Wire contact points shall be provided at no more than 500-foot intervals.

- b. Prior to final acceptance by the City, the contractor shall demonstrate that the locator wire works to the satisfaction of the ~~City of Osage Beach City Inspector, Public Works Operations Manager or designee.~~ City of Osage Beach.
5. Bedding shall be installed around the pipe from 6-inches below to 12-inches above the pipe. Bedding shall be crushed rock conforming to MoDOT Type 5 aggregate, Section 1007. Trench backfill material shall not contain any material with a nominal particle size greater than 6-inches.
6. Waterlines shall be separated by a minimum of 18-inches vertically and 10-feet horizontally from sanitary/storm sewer lines or sanitary/storm sewer line appurtenances unless:
 - a. At crossings the water or non-potable main has an encasement to a point 10-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-foot area. The encasement may be a free draining sleeve of a material that is approved for use as a water main or one of the water or sewer main shall be constructed of mechanical or manufactured restrained joint pipe, fusion welded pipe.
 - b. For parallel lines closer than 10-feet, exceptions can be made with prior approval of the ~~Public Works Operations Manager or designee~~ City of Osage Beach. Either the water main or the non-potable main shall be constructed of mechanical or manufactured restrained joint pipe, fusion welded pipe, or cased in a continuous casing. Casing pipe must be a material that is approved for use as a water main.
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. 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

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shall be flush with the pavement to ¼-inch below the finished pavement surface. The cover shall be set in a minimum of 6-inch deep by 18-square inches concrete pad.

2. 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.
 2. Meters will be set in traffic type boxes only with prior written consent of the ~~Public Works Operations Manager or designee~~ City of Osage Beach.
- D. Installation of Meter Assembly:
1. Residential and commercial hookup – 5/8-inch through 1-inch:
 - a. The Owner shall furnish and install the service saddle, corporation stop, curb valve and box, meter service line, meter set, lockable shut-off valve and the single meter setter and the meter vault.
 - b. Wet taps are to be performed by a City approved contractor and witnessed by the City.
 - c. The City will furnish the water meter and transponder.
 - d. The meter installation shall be as detailed in the attached Typical Meter Installation Detail.
 - e. The water meter lid shall be easily accessible and visible.
 - f. All hard surfaces, including concrete and asphalt, that surround the water lid assembly will need prior approval from the City of Osage Beach ~~Public Works Operations Manager or designee~~.
 - g. All obstructions within a 5-foot radius that present a clear obstacle to the maintenance of the city water meter shall be removed at the homeowner's expense.
 2. Residential and commercial hookup – 1-1/2-inch and 2-inch:
 - a. The Owner shall furnish and install the service saddle, corporation stop, curb valve and box, meter service line, meter set, lockable shut-off valve, and the single meter setter and the meter vault.
 - b. Wet taps are to be performed by a City approved contractor and witnessed by the City.
 - c. The City will furnish the water meter and transponder.
 - d. The meter installation shall be in accordance with the attached Typical Meter Installation for 1-1/2-inch and 2-inch Meters.
 - e. The water meter lid shall be easily accessible and visible.

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- f. All hard surfaces, including concrete and asphalt, that surround the water lid assembly will need prior approval from the City of Osage Beach~~Public Works Operations Manager or designee~~.
 - g. All obstructions within a 5-foot radius that present a clear obstacle to the maintenance of the city water meter shall be removed at the homeowner's expense.
 - 3. Domestic Service Connections 2-1/2-inch and larger:
 - a. These are considered 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.
 - b. Any wet tap larger than 2-inches shall be performed by a City approved contractor and witnessed by City Staff.
- E. Fire Hydrant Locations
 - 1. Fire hydrants shall be located 5-feet from the edge of pavement or within the City's Right-of-way. 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 5-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-inch pumper outlet toward the street or access point.
 - 5. Fire hydrants shall be installed such that the finish grade is between 3-inches below and level with the hydrant base ring.

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; construction of one- and two-family dwellings and their accessory structures are excluded from this requirement, unless the design requires an extension to the City's system. 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 City of Osage Beach~~Public Works Operations Manager or designee~~ prior to any onsite

construction.

2. During the progress of the work each utility line shall be inspected by the City Inspector 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 clean of 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 2 hours.
 - d. At the end of the testing period the line shall be refilled with water and the amount of water needed to refill the line shall be measured and recorded.
 - e. The amount of water needed 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_{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

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, chlorinate 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 3 hours.

- d. The line shall then be thoroughly flushed and bacteriological samples taken in the following manner:
 - 1) Two consecutive sets of samples taken at least 24 hours apart from the new main in accordance with AWWA.
 - i. Samples to be taken every 1,200 of new main, plus one set from the end of the line and at least one set from each branch.
 - ii. Samples shall be collected in sterile bottles treated with sodium thiosulfate. No hose or fire hydrant shall be used in the collection of samples.
 - 2) Samples shall be tested by a Certified laboratory
 - 3) 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 MoDNR 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 City of Osage Beach~~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 City of Osage Beach~~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 City of Osage Beach~~Public Works Operations Manager~~.

WATERLINE AND APPURTENANCES CONSTRUCTION DETAIL DRAWINGS

Construction details and sketches are attached.

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SECTION III – SEWER SYSTEM

OVERVIEW

The City of Osage Beach operates a sewage collection and treatment system in accordance with the Missouri Department of Natural Resources (MoDNR) regulations. The system is comprised of pressure and gravity sewer lines, grinder stations, lift stations, and a jointly owned regional sewage treatment facility. The plant is managed by the Lake Ozark / Osage Beach Joint Sewer Board. The collection system within Osage Beach, and from the city to the plant, is owned and operated by the City of Osage Beach. At the current time, there are a few isolated areas within the city that are not served by the collection system. It is the policy of the city that all occupied facilities within the city will have city sewer service.

At the present time, there are over 1,125 grinder stations and 56 sewage lift stations. These stations have been standardized to use ABS/Sulzer pumps and appurtenances. Grinder station packages, including simplex and duplex stations, can be purchased from the City of Osage Beach. Packages include the standard depth basin (6-foot), electrical panel, pumps, base elbow, guiderail, lifting chain, floats and bracket. Contact Public Works at (573) 302-2020 for additional information or questions. Packages may be purchased from a supplier so long as they conform to the City's standards described by this section. The ~~Public Works Operations Manager~~City of Osage Beach reserves the rights to redirect anyone to a supplier for the purchase of multiple packages at one time.

All modifications to the sewage treatment plant or the sewage collection system shall conform to the MoDNR regulations and policies as supplemented herein.

REFERENCED CITY ORDINANCES

Chapter 400.110	Subdivision Regulations
Chapter 410.130	Contents
Chapter 410.190	Basic Standards
Chapter 410.260	Location of Utilities in Right-of-Ways
Chapter 410.330	Sanitary Sewers
Chapter 710	Sewers and Sewerage Systems

SEWERAGE DESIGN

Wastewater Treatment Facility

Modifications to the existing treatment facility must be made under the direction of the Lake Ozark/Osage Beach Joint Sewer Board. Such modifications must be designed in accordance with and approved by MDNR. If the City needs to have changes made in the plant, they must forward the request to the Lake Ozark/Osage Beach Joint Sewer Board.

Sewage Collection System

Modifications of and additions to the existing sewage collection system shall be made in accordance with MoDNR regulations as supplemented herein.

Hydraulic Design

Hydraulic Design shall be based upon the following criterion:

Wastewater design shall be in accordance with MoDNR's Wastewater Guidelines and Standards Document (PUB2754). For hydraulic capacity, refer to Table 1-1. Minimum Design Loadings in MoDNR's PUB2754. The designer shall provide data used for calculating the system flow data. For population per dwelling, refer to Table 1-2. Minimum Population Equivalent in the above referenced document.

Property Owners shall be responsible for improvements to existing stations due to increased flow volumes. If the City deems a property owner has changed the conditions of an existing station, a notice will be provided by the City's Compliance Officer. Common changes causing station upgrades include, but are not limited to, overnight rentals, building expansion, excessive water use, change in dwelling type, etc.

PEAK HOURLY FLOW = 4 X AVERAGE DAILY FLOW

Gravity Sewers

Gravity Sewers design shall conform to the applicable MDNR regulations and as specified herein. The peak hourly flow shall be determined, and the gravity line sized accordingly with the following additions:

1. Gravity sewer laterals from a residence to grinder station or main:
 - a. Shall be not less than 4-inch pipe.
 - b. Shall have a cleanout located within 5-feet of the residence and at all vertical and horizontal bends; a sanitary tee within 5-feet of the grinder station or main; and a backflow valve adjacent the grinder station.
 - c. Shall be SCH 40 with SCH 40 fittings or ASTM D3034 DR 26 PVC with sanitary sewer DR 26 PVC fittings.
 - d. All bends shall be long radius bends. Short radius 90° bends are specifically prohibited.
2. Gravity Sewer mains:
 - a. Sewer mains shall be designed for the peak hourly flow and shall be not less than 8-inch pipe.
 - b. Gravity sewer pipe shall be:
 - i. ASTM D3034, SDR 26, with SDR 26 PVC sanitary fittings. For depths greater than 8-feet.
 - ii. ASTM D3034, SDR 35, with SDR 35 fittings where maximum depth of cover is 8-feet or less.
 - c. Manholes shall be constructed at the end of main and at changes in horizontal or vertical alignment, or not more than every 350-feet.
 - e. All bends shall be long radius bends. Short radius 90° bends are specifically prohibited.
3. Residential lateral connections to sewer mains shall be made using a sanitary wye tapping fitting.
4. Connections to grinder pump basins:
 - a. Shall be made using a cast iron inlet hub of appropriate diameter and shall be bolted to the grinder basin and sealed with an approved silicone seal. A PVC backflow valve (check valve) shall be installed within 2-feet of the basin.
 - b. Inlet pipes shall be installed 18-inches to 30-inches below the grinder station lid.
5. Bedding:

- a. Shall be installed around the pipe from 6-inches below to 12-inches above the pipe. Bedding shall be crushed rock conforming to MoDOT Type 5 aggregate, Section 1007. Trench backfill shall not contain any material with a nominal particle size greater than 6-inches.
6. Detectable Marking Tape and Toning Wire:
 - a. Metallic detectable marking tape, Type III, shall be placed in the trench above all sewers, gravity, and pressure, 1-foot above the pipe.
 - b. Locator wire shall be standard tracer wire, a single No. 12 U.L. approved copper wire of the solid type with insulation for 600 volts. Wire for this service shall be green in color and provided in standard rolls of not less than 500-foot lengths. Locator wire shall be placed on top of the water main and secured with tape at 8-foot intervals. Locator wire shall extend to all terminus, such as manholes, valves, pump stations, and valve vaults.
 - i. Splices shall only be allowed where accessible. Buried splices will not be allowed. If valve box locations are spaced more than 500-feet apart, contractor shall install a vertical piece of 6-inch diameter PVC adjacent to the water main topped with a cast iron bonnet and cover marked "water". The wire shall be run outside up alongside the valve box, then through a hole in the valve box just below ground level. The splice connector shall be left exposed at the top of the valve box. Wire contact points shall be provided at no more than 500-foot intervals.
 - ii. Prior to final acceptance by the City, the contractor shall demonstrate that the locator wire works to the satisfaction of the City of Osage Beach. ~~Inspector or Public Works Operations Manager or designee.~~
7. The minimum grades for gravity sewers:
 - a. 4-inch sewer shall be not less than 1.00%
 - b. 6-inch sewer shall be not less than 0.67%
 - c. 8-inch sewer shall be not less than 0.50%
 - d. 10-inch sewer shall be not less than 0.33%
 - e. Larger shall be as approved by the ~~Public Works Operations Manager~~ City of Osage Beach
8. The minimum depth of cover for gravity sewers:
 - a. Shall be not less than 24-inches above the top of pipe.
9. The maximum depth of cover shall be 8-feet unless specifically authorized in writing by the ~~Public Works Operations Manager~~ City of Osage Beach.
10. Manholes shall be as detailed (Drawing III-4/ III-5) in the Osage Beach Design Guidelines or as approved by the ~~Public Works Operations Manager~~ City of Osage Beach.

Sewer manhole casting and cover specification:

- a. All Osage Beach sanitary castings/ frames shall be Neenah Cat R-1642 or approved equal.
 - b. Cover marked "Sanitary Sewer".
 - c. Concealed pick holes (2) per NF 1015
 - d. Mechanical Groove in lid for oil resistant T-gasket.
 - e. Bolts are not required unless called out in special conditions
11. Valve Boxes shall be a vertical piece of 6-inch diameter PVC pipe with cast iron bonnet and cover marked "sewer".

12. Leak testing for gravity sewers may be tested by air or water method.

f. Water Tests

- i. Gravity sewer lines shall be plugged at the bottom end and filled with water to the top of the next upstream manhole, left for 24 hours.
- ii. If no manhole, to the top of the farthest upstream cleanout left for 24 hours.
- iii. The line shall then be refilled with a measured amount of water.
- iv. The allowable leakage shall be 1 gallon per 100-feet of line tested.

g. Air Tests

- i. Test lines between manholes with low-pressure air.
- ii. Safety requires a regulator or relief valve on pressurizing equipment, set at 8 psig
- iii. No one will be allowed in manholes while there is air pressure against test plugs.
- iv. Plug all pipe outlets to resist test pressure. Give special attention to laterals.
- v. Plug all other pipes in both upstream and downstream manholes and fill manholes with clear water to just above the line plugged for testing. Any bubbles appearing during the test indicate leakage past a plug or in part of the test equipment.
- vi. Compute the test pressure by multiplying $0.43 \times$ the elevation difference (in feet) of the upstream manhole rim and the invert of the line under test at the downstream manhole. The result is in psig and may be rounded to the nearest half psig. The test pressure shall be not less than 3.5 psig, nor more than 6.0 psig. Total line length included in any test section shall not exceed 400-feet.
- vii. Supply air into the line until test pressure is attained. Allow at least 5 minutes for air temperature in the test section to stabilize.
- viii. Reestablish the test pressure and start a stopwatch. Determine the time required for pressure to drop 0.5 psig.
- ix. If the pressure does not drop during the stabilization period and no additional air has been added, the section undergoing test will have passed without further testing.
- x. The pipe section will also have passed if the time observed for the pressure to drop 0.5 psig is greater than that determined by using the following table:

<u>Pipe Size, Inches</u>	<u>Time</u>
8	7 minutes 37 seconds
10	9 minutes 8 seconds
12	10 minutes 58 seconds
14	12 minutes 30 seconds
16	14 minutes 32 seconds

*** When a combination of more than one pipe size is under test, the calculated time for the larger pipe shall apply.**

h. Manholes may be tested by vacuum or water method.

- i. Water Method - shall be tested by plugging inlet and outlet pipes and filling with water to the top of the manhole cover ring and letting set for 24 hours. The maximum leakage shall be a drop in water level of 3-inches.

Pressure Sewers

Pressure Sewers design shall conform to MoDNR requirements and as supplemented herein. The design of additions to the City sewer system shall minimize the need for pressure sewer to the maximum extent practicable

to reduce the number of lift or grinder stations to the minimum required. Pressure sewers shall conform to the following criterion:

1. Pressure sewers shall be designed for flow rates between 2.0 fps and a maximum of 5.0 fps. The minimum diameter of pipe used shall be 1-1/4-inches.
2. Pressure pipe:
 - a. Less than 4-inches in diameter shall be schedule 80 PVC or ASTM 2241, DR 21, Class 150, or HDPE AWWA C906, SDR 21 class 200, or DR9 CTS.
 - b. 4-inches and larger shall be: AWWA C900 DR 18 Class 235 PVC.
3. Joints:
 - a. For SCH 80 pipe shall be solvent welded.
 - b. For other pipe shall be neoprene lined push-on type joints or as approved by the City of Osage Beach~~Public Works Operations Manager~~.
4. Fittings:
 - a. For Schedule 80 pipe shall be Schedule 80 fittings.
 - b. For other pipe may be appropriately rated and compatible PVC or ductile iron on PVC. All fittings shall be neoprene gasket push-on type or as approved by the City of Osage Beach~~Public Works Operations Manager~~.
 - c. Long radius bends or multiple fittings shall be used. Short radius 90° bends are specifically prohibited.
5. The minimum cover for all pressure sewer is 36-inches.
6. The maximum depth of cover for pressure sewers is 4-feet unless specifically authorized in writing by the City of Osage Beach~~Public Works Operations Manager~~. Deeper main installation will be allowed to achieve minimum separation when crossing other utilities. Cover for crossing utilities shall not be greater than 8-feet.
7. Bedding shall be installed around the pipe from 6-inches below to 12-inches above the pipe. Bedding shall be crushed rock conforming to MoDOT Type 5 aggregate, Section 1007. Trench shall not contain any material with a nominal particle size greater than 6-inches.
8. Detectable marking tape and Toning Wire:
 - a. A metallic detectable marking tape, Type III, marked "Sewer Below" shall be placed in the trench 1-foot above all pressure sewers pipe.
 - b. Locator wire shall be standard tracer wire, a single No. 12 U.L. approved copper wire of the solid type with insulation for 600 volts. Wire for this service shall be green in color and provided in standard rolls of not less than 500-foot lengths. Locator wire shall be placed on top of the water main and secured with tape at 8-foot intervals. Locator wire shall extend to al terminus, such as manholes, valves, pump stations, and valve vaults.
 - i. Splices shall only be allowed where accessible. Buried splices will not be allowed. If valve box locations are spaced more than 500-feet apart, contractor shall install a vertical piece of 6-inch diameter PVC adjacent to the water main topped with a cast iron bonnet and cover marked "water". The wire shall be run outside up alongside the valve box, then through a hole in the valve box just below ground level. The splice connector shall be left exposed at the top of the valve box. Wire contact points shall be provided at no more than 500-foot intervals.

- ii. Prior to final acceptance by the City, the contractor shall demonstrate that the locator wire works to the satisfaction of the City ~~Inspector or Public Works Operations Manager or designee of Osage Beach.~~
- 9. The inlet connection hub shall be cast iron inlet hub bolted to the basin. The back of the hub shall be sealed to the basin using approved silicone sealant. Appropriate inlet hubs are stocked by the ABS supplier.
- 10. An isolation valve shall be installed at the connection to the sewer main.
 - a. The valve shall be brass body, globe valve of the same nominal size as the pressure sewer.
 - b. Shall be installed at the connection to the sewer force main.
 - c. When possible, the valve should be located outside roadway or other similar traffic areas.
 - d. Globe valve shall have integral checks for open and closed positions.
 - e. Valve shall be placed upon a concrete, or approved, masonry pedestal to prevent settlement.
 - f. Shall be covered with a PVC piece of pipe and cast-iron bonnet market "sewer" extended to 3 to 6-inches above finished surface.
 - g. If the finished surface is concrete or asphalt pavement, the valve box cover shall be flush with the paved surface.
 - h. Valve box covers on pressure sewers shall be marked "SEWER" and the markings shall be cast into the cover.
- 11. The tapping saddle:
 - a. Shall be Brass similar and equal to Ford.
 - b. Shall be sealed to the pipe by means of a rubber "O" ring seal to provide a connection suitable for a working pressure of 200 psi.
 - c. Shall have flanged or threaded outlets conforming to ANSI B16.1.
 - d. If possible, all tapping saddles shall be in the horizontal position.
 - e. The Owner shall provide all equipment necessary to complete the tap, including saddle, corporation stop, valve and pipe.
 - f. All wet taps 2-inch and smaller are to be performed a City approved contractor and witnessed by the City. Taps larger than 2-inch shall be performed by an approved contractor and witnessed by the City.
 - g. Under no circumstances shall anyone make a wet tap without approval and authorization by the City ~~Public Works Operations Manager or designee of Osage Beach.~~
- 12. Leakage testing procedure is as follows:
 - a. Upon completion of the force 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. Pressurized to 75 psi above normal working pressure at the test location and hold for a period of not less than 2 hours.
 - d. At end of 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.
 - f. Maximum allowable leakage shall be computed thusly:

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

Where:

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

DESIGN OF GRINDER PUMPS AND SEWAGE LIFT STATIONS

The design of grinder pump installation shall be certified by a Registered Professional Engineer and shall conform to the City and MoDNR requirements. To reduce maintenance and operational costs, the City has selected ABS/Sulzer pumps and equipment as their standard. Accordingly, all grinder pumps and lift stations shall be designed using ABS/Sulzer equipment. The size, type, and capacity of the grinder pump, or lift station, shall be based upon the hydraulic loading and gradient necessary to pump sewage from the source to an appropriate location.

To all practical extents, development shall utilize an existing lift station or a new lift station to serve the property or properties. Multiple new grinder stations for a single development are subject to review and approval by the City of Osage Beach~~Public Works Operations Manager~~. See Typical Detail III-12 for Lift Station Requirements.

Hydraulic Design Considerations

1. Using the previously presented charts determine the following:
 - a. Average daily flow (ADF)
 - b. Peak hourly flow (PHF)
2. Calculate the following and provide calculations in the design submittal:
 - a. Total static head - from the proposed pump inlet to point of discharge. The point of discharge will be to the next lift station wet well on the sewer pressure main.
 - b. Total dynamic head - this must include total static head plus line friction losses for pipe, fittings, and connections from the proposed pump to the point of discharge. This also must include friction losses for flow in the main assuming that a portion of the downstream pumps are running. The ~~Public Works Operations Manager or a designee~~City of Osage Beach will assist with providing main pressure at a nearby lift station or connection point.
 - c. Pumping rate based upon wet well size and a maximum cycle time at peak hourly flow of 6 times per hour.
 - d. Wet Well Capacity based upon a minimum storage above high pump off elevation of 2 hours of peak hourly flow or 45 minutes with SCADA installed. Wet well capacity shall be determined as follows:

$$VM = (QPHF \times 120) + VHPO$$

Where:

VM	=	Volume in wet well below inlet pipe
QPHF	=	Peak hourly flow in gpm
VHPO	=	Volume in wet well below emergency pump on

3. The wet well design shall also conform to the following:
 - a. Minimum diameter for simplex wet wells is 36-inches.

- b. Minimum diameter for duplex wet wells is 48-inches.
 - c. Minimum depth of the inlet pipe shall be 18-inches to 30-inches as measured from the station lid.
 - d. Maximum total depth of the wet well from lid to bottom is 12-feet.
4. Select the pump model and horsepower from the ABS pump curves.
 5. Select the pressure line type and size as discussed under “pressure sewers” herein.

Additional Limitations or Specifications for Grinder Pumps

1. No more than two residences may be served by a simplex grinder station.
2. No more than 10 single-family residences, or their equivalent, may be served by a single duplex grinder station. Multiple dwellings being served by a single simplex or duplex station are subject to review and approval by the City of Osage Beach~~Public Works Operations Manager~~.
3. All commercial facilities shall have a duplex grinder pump station.
4. Triplex package units or custom-built lift stations are subject to the review and approval of the City of Osage Beach~~Public Works Operations Manager~~.
5. Each Grinder Pump Station shall include an ABS pump(s) fiberglass basin including internal piping, pump base and guide rail; and ABS Pump Control Panel as described in the specifications:
 - a. The basin will be an ABS basin, or the equivalent thereof, and either simplex or duplex as required.
 - b. All internal piping and pump guide rails shall be stainless steel.
 - c. A concrete anti-floatation ring shall be cast around the basin base.
 - d. The basin cover (lid) shall be of steel with minimum thickness of ¼-inch and coated with a high temperature baked epoxy or air-dried epoxy paint, green in color. No fiberglass lids will be allowed for grinder stations.
 - e. The lid shall be fully bolted and/or hinged secured.
6. All grinder stations of 6.2 HP or less shall have internal discharge piping of 1-1/4-inch stainless steel pipe.
7. All grinder stations of more than 6.2 HP shall have stainless-steel discharge piping and be a minimum of 2-inch diameter.
8. The minimum distance from the top of grinder basin cover to the top of inlet pipe shall be 24-inches.
9. The minimum distance from the top of grinder basin to the bottom of discharge pipe(s) shall be 48-inches.
10. The maximum depth of the grinder station basin shall be 12-feet.
11. A finished grade around the station shall be established to be 2-inches below the lid and a 5-foot flat working area surrounding the station.
12. Access shall be provided to any grinder station for City access. The access is subject to review and approval by the ~~Public Works Operations Manager and/or his/her designee~~City of Osage Beach.

Electrical Service for Sewage Lift Stations and Grinder Stations

1. Ameren Missouri is the provider for electrical service. The owner, developer, or contractor shall make arrangements with Ameren Missouri for electrical service to the grinder station.
2. Electrical energy shall be provided on a direct individually metered service of the appropriate capacity for the facility to be served.
3. The use of "Add-a-Phase" or other artificial phasing devices is prohibited.
4. When three phase service is required the owner or developer shall make all necessary arrangements with Ameren Missouri to provide the required service.

Grinder Station Electrical Panel

1. ABS panel supplier shall provide the standard panel developed for the City, of the correct model to match the pump(s).
2. Control panel shall be fully and completely compatible and parts interchangeable with existing units or as directed by the City of Osage Beach~~Public Works Operations Manager~~.
3. Shall be mounted on galvanized steel rack at a height of 4-feet as measured from the top of station lid to the bottom of the station panel and 4-feet as measured horizontally away from the edge of the station.
4. Each control panel shall have a wiring diagram, or schematic, attached to the inside of the outer door of the control panel box.
5. All exterior wiring shall be run in rigid metal conduit from the panel to the station and for at least 10-feet away from the panel in any direction. All ridged metal conduit installed below grade shall be wrapped or coated with a waterproofing sealer. No junction box will be allowed between the control panel and the station.
6. Each station shall have a City owned quick throw disconnect with the appropriate rating for the station's electrical requirements.
7. All work should be done in accordance with the National Electric Code and all material should be UL approved.
8. Control rack:
 - a. Shall be a minimum of 24-inch frame width.
 - b. The frame shall be 2-inch square steel tubing (#9 gauge minimum).
9. All components shall be hot dip galvanized.
10. Field cuts must be saw cut and saw cuts shall be painted with Rust-Oleum or Galva-Well.
11. Below grade metal components shall be painted with a minimum of two coats of Koppers Super Service (blk) Tnemec #450 Heavy Tenemecol coating/sealer or approved equal.

12. Legs shall be set in concrete and concrete shall be a minimum of 18-inches deep and 12-inches in diameter.
13. Electrical service wires, pump service wires, and float control wires, shall be run in minimum 2-inch galvanized rigid steel conduit. A minimum of two conduits shall be run to the station, 1 conduit for pump wires and 1 conduit for communication controls.
14. All bends and fittings shall be long radius bends. A maximum of 1 sweep will be allowed between the panel vertical bend and the grinder station perforations.
15. An explosion proof wye fitting shall be installed 6-inches below the control panel.
16. No splice boxes will be permitted within the grinder pump basin.
17. Riser for ground wire shall be in ½-inch rigid, galvanized steel, conduit with grounded bushings, with stubbed and bonding jumper.
18. Grounding Rod:
 - a. Shall be copper clad grounding rod.
 - b. ½-inch by 8-feet in length.
 - c. Rod shall be driven vertically into the ground or as directed by the ~~Public Works Operations Manager~~ City of Osage Beach.
19. Electric meter, meter base, disconnect, and panel shall comply with Ameren Missouri Service Manual, latest edition.
20. Where SCADA is required, the controls must be approved by the ~~Public Works Operations Manager~~ City of Osage Beach prior to installation.

REQUIRED INSPECTIONS, TESTING, AND START UP PROCEDURES

1. Construction Drawings are required for all gravity and pressure sewers and all grinder or sewage lift stations. Such drawings shall be designed and sealed by a Registered Professional Engineer in the State of Missouri. Construction of one- and two-family dwellings and their accessory structures are excluded from this requirement, unless the design requires an extension to the City's system.
2. The design and materials shall conform to the City of Osage Design Guidelines. Such drawings shall be reviewed and approved by the ~~Public Works Operations Manager~~ City of Osage Beach prior to any onsite construction.
3. All gravity and pressure sewers shall be inspected by the City Inspector prior to backfill.
4. All gravity and pressure sewers, manholes, and wet wells shall be tested for leakage as specified herein and shall be performed in the presence of City personnel.
5. Grinder and sewage lift stations shall be fully tested for performance and operation in the presence of City personnel. Such testing shall include:

- a. Pumping rates
 - b. Pumping cycle tests including emergency alarm and startup of standby equipment (if so equipped)
 - c. Electrical current and voltage checks.
 - d. The contractor/developer shall provide the services of a manufacturer's factory representative to be present during the tests.
6. Upon completion of all testing startup procedures the City will issue a certificate of acceptance. The system will not be connected to City Service or accepted by the City until the acceptance certificate is issued.

AS CONSTRUCTED DRAWINGS AND MAINTENANCE DOCUMENTS

The contractor/developer shall provide the City with not less than two full sized "As Constructed" drawings certified as being correct record drawings by a Registered Professional Engineer in the State of Missouri.

The contractor/developer shall provide one copy of a certified and recorded utility easement for all sewer lines and grinder station sites to be turned over to the City. Easements shall be prepared and sealed by a Registered Land Surveyor in the State of Missouri.

TYPICAL DETAILS FOR SEWER APPURTENANCES

Sewer appurtenances shall conform to the typical details attached hereto.

PUBLIC INFORMATION PACKET – SEWER DESIGN

Applicants for a building or zoning permit will be provided with a "Sewer Information Packet" which reflects the requirements contained in this design manual and pertinent City ordinances. Such packet shall be considered as an approved part of the Design Guidelines.

SEPTIC TANK SYSTEMS

City Code Section 710 requires that any facility constructed within 300-feet of an existing City sewer must connect to such sewer. There are a few locations within the City where City sewer is not available. In those cases, the owner may be authorized by the City to construct or repair a septic system.

REQUIREMENTS FOR AUTHORIZED PRIVATE SEWAGE DISPOSAL SYSTEMS

A Septic Tank Permit from the City is required prior to construction. Approved soil morphology, permeability tests and soil percolation tests, site topography, septic tank, and absorption system, designed by a Registered Professional Engineer in the State of Missouri are required for the permit.

1. The system must be designed by a Registered Professional Engineer in accordance with Missouri Department of Health Regulations, Missouri Laws for On-site Sewage Disposal Systems, and 19 CSR 20-3.060 Minimum Standards for On-site Sewage Disposal Systems.
2. Soil morphology, permeability tests and soil percolation tests shall be made by a Registered Professional Engineer in the State of Missouri or State Certified Soil Scientist. Tests and reports shall be in accordance with 19 CSR 20-3, Para (2) Site Evaluation.

3. The minimum setback distances shown in 19 CSR 20-3, Table 1 Minimum Setback Distances shall be strictly followed.
4. Flow rates or volumes shall be computed based on 120 gal/day/bedroom or 60 gal/day/person, the minimum flow from a residence shall be 240 gal.
5. The minimum septic tank capacity shall be 1250 gallons. Septic tanks shall be constructed in strict conformance to 19 CSR 20-3, Para. (4) Sewage Tanks.
6. Absorption systems shall be in accordance with 19 CSR 20-3, Para. (5) Absorption Systems.
7. Alternative systems shall be in accordance with 19 CSR 20-3, Para (6) Alternative Systems.

END

~~(Revised October 2023)~~

OVERVIEW

Storm runoff accumulates pollutants, sediment, and debris as it flows over the landscape until it reaches a receiving waterway - the Lake of the Ozarks. These pollutants, sediments, and debris include oils and petroleum residues, animal refuse, garbage, organic debris from vegetation, silts, sands, and other objectionable materials. The U.S. Environmental Protection Agency (EPA) and the Missouri Department of Natural Resources, Water Pollution Control Division, considers these pollutants to have adverse effects upon the human and aquatic life that uses the lake for habitat or recreational needs. The water quality of the Lake of the Ozarks is vital to the health and economic well-being of our residents, visitors, and community.

Storm drainage within the City of Osage Beach falls under regulatory authority of the U.S. Environmental Protection Agency (EPA) and the Missouri Department of Natural Resources (MoDNR). The provisions of the U.S. Clean Water Act of 1978, Section 402 mandates the National Pollutant Discharge Elimination System (NPDES) and requires permitting for specific types of non-point pollutant sources under Phase II (Final Rule dated December, 1999) for areas where more than one acre of natural ground cover is disturbed. In addition, it mandates other control measures for designated cities, industries, and locations. The City of Osage Beach is not currently designated as a small city with a separate storm water system (MS4) or required to have a NPDES Permit. Several of the Phase II requirements do apply to the City. It is the policy of the City to reduce the contamination of the Lake of the Ozarks to comply with NPDES Phase II to the extent practicable for the city

The City of Osage Beach complies with these requirements through City Code, Title IV Land Use, Section 410.350 thru 410.380 and the applicable portions of the Osage Beach Design Guidelines.

GOALS AND OBJECTIVES

The goal and objective of the City of Osage Beach's Storm Water Management Plan is to manage storm water drainage within the city limits so as to minimize the pollution of the Lake of the Ozarks and to prevent storm water run-off damage to the maximum extent practicable.

The primary source of visible pollutants during storm runoff is through sediment and debris picked up on construction sites or locations where the natural vegetation has been removed. The major secondary source is through volatile fuels, oils, animal wastes, and refuse picked up by storm runoff as it flows off large parking areas, roofs and over the terrain in route to the lake. These sources of contamination will be addressed separately through the application of a Sediment Control Plan and/or a Storm Drainage Plan.

Recent developments in the Storm Drainage Compliance area have led to the development of “Best Management Practices” (BMPs) and less emphasis on retention facilities. Also, the trend is toward reduction of contamination by:

- 1) reducing the quantity of storm water runoff
- 2) reducing or removing the contamination of the runoff
- 3) by conveying the storm run-off without further contamination.

Our goal is to reduce the pollution of the lake through public education, awareness, and the application of MoDNR Best Management Practices (BMPs). Our immediate objective is to manage the storm drainage system to reduce collectable sediment or pollutants entering the lake and/or causing damage to adjacent or downstream properties.

The following design guidelines will establish the minimum steps or procedures required to reach these goals and objectives.

EROSION & SEDIMENT CONTROL PLAN

- A. The Erosion and Sediment Control Plan shall be submitted as a part of the building permit process and shall be reviewed and approved by the City Engineer prior to the start of any onsite work for any and all projects involving two or more lots or ½ acre, whichever shall be the smaller.

Note: The MoDNR requires a Land Disturbance Permit for construction disturbance activities of one or more acres. Permitting with MoDNR is the responsibility of the property owner or their representative.

1. The Sediment Control Plan must be prepared by a Registered Professional Engineer in the State of Missouri stating the goals of the plan and depicting the locations and details of the construction of all sediment control devices to be utilized on the project during construction.
2. The plan shall clearly set out the contractor’s schedule and requirements for maintaining the integrity of the plan.
3. The primary goal of the plan is to assure that no visible or measurable sediment or debris is allowed to leave the developed area.
4. The devices and measures utilized shall follow the recommended “Best Management Practices” as described in the publication “Protecting Water Quality” by MoDNR and as directed herein. At the minimum the following shall be required:
 - a. Wire backed silt fencing with steel tee-posts or an approved equal method shall be installed around the downhill edges of the disturbed area.
 - b. Earth berms and swales shall be used to reduce sheet flow volumes and velocities.
 - c. Straw bale check dams, earth berms and other BMPs shall be utilized as necessary to prevent run-off from carrying sediment and debris off site.
 - d. Check dams or other BMPs shall be used to reduce velocities in areas of concentrated flow.

- e. Approved engineering fabric or erosion control matting shall be used in all drainage courses or ditches where flow velocities exceed 5 fps. Velocities shall be calculated and included with permit submittal.
 - f. All denuded slopes or embankments shall be protected from erosion by the installation of earthen berms, straw bale dikes, or other appropriate BMPs.
 - g. Temporary catch basins, drop inlets and/or storm drains (culverts) shall be utilized as necessary to convey concentrated flow and prevent erosion.
 - h. Temporary sediment basins shall be provided for each drainage area with one or more acres disturbed at one time. Basins shall be maintained until final stabilization is achieved as approved by the City Engineer. Each sediment basin shall be sized, at a minimum, to provide a total storage volume of 4,000 cubic feet per acre of contributing area. The sediment basin shall include an outlet structure designed for the slow release of stored runoff to allow for sedimentation in the basin. A perforated riser wrapped in filter fabric and covered with a mound of clean 2-inch stone is the City's preferred outlet structure.
 - i. Depict existing and proposed contours.
 - j. Clearly depict the entire drainage area effecting the development site including downstream areas that will be affected by storm water run-off or drainage and upstream areas that contribute to the site.
 - k. The installation of all BMPs shall be inspected and approved by the City Engineer and the Engineer of Record prior to commencing land disturbance activities. The Engineer of Record shall provide a letter to the City stating he or she approves the installation of the BMPs. Phased projects may require multiple approvals.
 - l. Where soil disturbing activities on site have ceased either temporarily or permanently and will not resume for a period of 14 calendar days, stabilization shall be initiated immediately and completed within 14 calendar days. All denuded slopes or areas shall be reseeded with appropriate seed, fertilizer, and for final stabilization, approved slope stabilization fabric or stone armoring shall be installed on all slope's steeper than 3:1.
 - m. Phased clearing and grading of sites is encouraged to minimize denuded areas and potential for erosion.
5. In the event that the plan is deficient or inadequate to prevent sediment escaping the jobsite, the Owner/Developer shall immediately take any and all measures necessary to stop and prevent further contamination, and to clean up contaminated areas.

All calculation necessary for the Erosion and Sediment Control Plan shall be signed and sealed by an Engineer licensed in the State of Missouri and submitted with the permit application for review by the City Engineer. Calculations shall be prepared in a report format.

The City's Standard Erosion and Sediment Control Plan Note Block shall be included on the Plans prior to approval.

STORM DRAINAGE PLAN

- A. A Storm Drainage Plan is required for all new construction sites within the jurisdictional boundaries of the City of Osage Beach in which the construction or clearing for construction disturbs an area exceeding two lots or one-half acre, whichever shall be the smaller.
1. The Storm Drainage Plan shall be prepared by a Registered Professional Engineer in the state of Missouri stating the goals of the plan and depicting the locations and details of construction of all permanent sediment and drainage control devices, and post construction BMPs, to be utilized in the plan. The Storm Drainage Plan shall depict permanent drainage structures and post-construction BMPs.
 2. The plan shall clearly state owners schedule and requirements for maintaining the components of the system.
 3. The devices and measures utilized shall follow the recommended "Best Management Practices" as described in the publication "Protecting Water Quality" by and available through MoDNR, the City of Osage Beach City Code and the City of Osage Beach Design Guidelines
 4. At the minimum the Storm Drainage Plan shall provide the following technical data:
 - a. Clearly depict all permanent drainage structures, conveyance devices, and post construction BMPs.
 - b. Clearly depict the entire drainage area effecting the development site including downstream areas that will be affected by storm water run-off or drainage and upstream areas that contribute to the site.
 - c. Accurately calculate the anticipated storm run-off from a theoretical 25-year storm event. Storm duration shall be calculated to correspond to the time of concentration for the tributary drainage area.
 - d. Determine the anticipated flows and capacities of all channels, culverts and conveyance devices. Conveyance structures shall be designed utilizing the criteria in A.4.c of this Section.
 - e. Clearly identify and provide flow data for all velocity control and/or energy dissipation devices.

5. At the minimum the Storm Drainage Plan shall provide the following post construction sediment and drainage controls:
 - a. Provide removal or containment of all silt, sediment, and debris carried onto or across the development so as to assure that no silt, sediment, or debris is allowed off the developed area. See Post Construction Water Quality.
 - b. Assure that all storm run-off is controlled such that no damage will occur to adjacent downstream properties or facilities. Stormwater detention requirements are as follows:
 1. The rates (pre-developed and post-developed) of runoff shall be determined for the 2-year, 25-year and 100-year rainfall frequencies. The storm duration shall be calculated to correspond to the time of concentration of the tributary area. Minimum storm duration shall be 20 minutes.
 2. Storm water shall be detained on site or on adjacent property under agreement and released at the rate of an undeveloped site for the above frequencies and minimum duration to prevent possible flooding and erosion downstream.
 3. In the event the natural downstream channel or storm sewer system is inadequate to accommodate the release rate provided above, then the allowable release rate shall be reduced to that rate permitted by the capacity of the downstream channel or storm sewer system.
 4. Detention basin volume and outlet structure will be based on routing each post-developed runoff through the detention facility while not exceeding the pre-developed run-off. The routing computation shall be based on an application of the continuity principle. The discharge rate shall be based on the maximum head conditions in the detention facility.
 5. Project site discharging via right-of-way, easement, or land owned by developer to the Lake of the Ozarks shall be exempt from stormwater detention requirements.
 6. Project sites with a differential runoff of less than 2 cfs for the 25-year event shall be exempt from stormwater detention requirements.
 7. All calculations necessary for stormwater detention design shall be signed and sealed by an Engineer licensed in the State of Missouri and submitted with the permit application for review by the City Engineer. Calculations shall be prepared in report format.
 - c. Where parking areas for more than twenty cars exist provide for removal of oils, grease and volatile wastes to the maximum practicable extent by the use of post construction BMPs.

- d. Assure that conveyance discharges into the Lake of the Ozarks will have a velocity of less than 5 fps.

This can be accomplished by the use of BMPs, filtration devices, retainage and sedimentation collection basins, filtered curb inlets/manholes or other devices as approved by the City Engineer.

STORM DRAINAGE COMPUTATIONS

- A. The Rational Method shall be used for computation of stormwater run-off.
 1. The base storm event for computation of run-off volumes shall be a 25-year storm event.
 2. The Rational Method of computation shall be used as herein.

$$Q=CIA$$

Where:

- Q = Peak runoff in cubic feet per second (cfs)
I = Rainfall Intensity.¹
A = Area of watershed in acres. This area includes the actual area drained through or in addition to the developed area.
C = Coefficient (weighted by area)²

¹ Storm duration shall be calculated to correspond to the time of concentration for the tributary drainage area.

²Values of C categorized by surface:

<u>Surface Type</u>	<u>Value of C</u>
Impervious (asphalt pavement, concrete pavement, stone/rock surfaces, rooftops, etc.)	0.95
Pervious (greenspace, lawns, unimproved areas)	0.35

If more than one surface type is included in the drainage area, the designer shall calculate the weighted coefficient for use in runoff calculations.

All stormwater calculation shall be signed and sealed by an Engineer licensed in the state of Missouri and submitted with the permit application for review by the City Engineer. Calculations shall be prepared in a report format.

DESIGN OF DRAINAGE STRUCTURES AND DEVICES

- A. Culverts and Storm Drainage Piping Systems shall be designed using the Manning equation for open channel flow. Inlet conditions should be investigated and openings designed to handle the peak runoff condition. In addition, the following conditions shall be met:
1. The minimum pipe size shall be 18-inch diameter.
 2. Bedding shall be installed around the pipe from 6-inches below to 12-inches above the pipe. Bedding shall be crushed rock conforming to MoDOT Type 5 aggregate, Section 1007.
 3. The minimum grade shall guarantee a minimum velocity of 2.0 fps.
 4. Manholes or inlets shall be constructed at not more than 350-foot intervals and at all bends and changes of grade.
 5. All pipe shall be run true to line and grade between manholes or inlets.
 6. Outlets shall have intrusion gates to prevent entry by children or animals.
 7. Outlets shall end in an energy-dissipating device that will reduce the outlet flow velocity to less than 5 fps.
 8. Piping shall be designed to sustain any anticipated loading conditions
- B. Curb Inlets of the “Kansas City Type” are preferred. See Drawing No. IV-11
1. The length of Curb Inlet opening shall be determined as in Chapter IX of the MoDOT Project Development Manual.
 2. Floor of Inlet shall be shaped with invert to provide smooth flow.
 3. Locate manhole ring and cover over outlet.
 4. Each Inlet shall have cast iron steps spaced at 1'-4" centers vertically.
 5. Bevel all exposed edges with 3/4" chamfer or 1/2" tooled edge.
 6. On grade Inlets shall conform to the street grade and sump Inlets shall be level.
 7. The length plus the width shall not exceed 15-feet without special design.
 8. Each Inlet shall be placed on 4-inches compacted aggregate base.
 9. Each Inlet shall have a steel inlet frame.
 10. Each Inlet shall be designed to sustain any anticipated loading conditions. In no case shall materials and design not be sufficient to support an ASHTO HS-20 loading.
 11. Transition curb in 10-feet on the upstream side of inlet and in 5-feet on the downstream side. Transition in 10-feet on both sides for sump inlet. See detail.
- C. Open Channel Design
1. Open Channel Drainage shall be designed using the Mannings Equation for open channel flow. The channel shape maybe trapezoidal, rectangular or circular at the designer's discretion.
 - a. The channel depth shall be designed so that the peak runoff flow will be accommodated at 2/3rd of the channel depth.

- b. Where channel depth will exceed 1-foot, a trapezoidal section with a maximum of 1:1 side slopes shall be used.
- c. Where flow velocity will exceed 2 fps engineering fabric or erosion mat shall be utilized. Selected fabric or mat shall be rated for the intended application. Velocities shall be calculated and included with permit submittal.
- d. Where velocity will exceed 5 fps riprap shall be installed to eliminate scouring. See Drawing No. IV-7. Velocities shall be calculated and included with permit submittal.

All stormwater calculation shall be signed and sealed by an Engineer licensed in the State of Missouri and submitted with the permit application for review by the City Engineer. Calculations shall be prepared in a report format.

POST CONSTRUCTION WATER QUALITY

- 1. It shall be required that appropriate filtration methods are used in order to assure that silt, sediment, and debris do not get into the conveyed storm drainage flow. Parking areas, roof tops and other similar surfaces (not including single or two family residential), will require the collection and isolation of silts, sediments, debris, oils, and volatile materials. Also see Storm Drainage Plan A.5.c. New developments that disturb less than one acre and are not part of a larger common plan of development that will disturb one or more acres over the life of the project are not required to meet the post construction water quality requirement. Water quality requirements shall not apply to City streets or new constructed streets to be dedicated to the City.

Approved filtering systems are as follows:

- 2. Fabricated Filtration Manholes or Curb Inlets
 - a. Several patented filtration devices are now available that can effectively reduce sediment discharges such as:
 - 1) Treatment systems such as Stormceptor
 - 2) Catch Basin or Curb Inlet inserts such as FloGard manufactured by Hancor, Inc. or Hydro-Kleen manufactured by ACF Environmental.
 - 4) Or several non-patented devices by various highway departments, etc.
- 3. Post Construction Sediment Basin
 - a. Sediment Basin volume, or WQV, shall be based on the following calculation:

$$WQV (ft^3) = (P/12)(R_v)(A*43,560)$$

Where

P = rainfall depth = 1 inch

R_v = volumetric runoff coefficient = $0.05 + 0.009I$

I = percent impervious cover (in percent, e.g. 80% = 80)

A = total site area in acres

- b. The inlet should be designed to prevent short-circuiting between entrance and discharge to the maximum extent practicable. This can be accomplished by providing baffles in the channel, turns in the channel, etc.
- c. The shape of the storage basin should allow for easy cleanout of sediment and debris. Proper maintenance is the responsibility of the property owner. Terrain and other site conditions will tend to dictate the shape of the facility. Sediment Basins with water depth greater than 4' shall be fenced for safety.
- d. The sediment basin shall include an outlet structure designed for the slow release of stored runoff to allow for sedimentation in the basin. A perforated riser wrapped in filter fabric and covered with a mound of clean 2-inch stone is the City's preferred outlet structure. Basin shall be designed to prevent permanent standing water.

The details of the design are at the discretion of the designer subject to approval of the City Engineer.

All stormwater calculation shall be signed and sealed by an Engineer licensed in the state of Missouri and submitted with the permit application for review by the City Engineer. Calculations shall be prepared in a report format.

CONSTRUCTION MATERIALS

- A. See Drainage ditches maybe stabilized earth, riprap, concrete, or other durable material.
- B. Retention basin inlets, basin, and outlet structures maybe of any durable material subject to the approval of the City Engineer.
- C. Storm drainage pipe and culvert pipe shall be reinforced concrete, or dual wall polypropylene pipe.
 1. All pipes at a minimum must be capable of sustaining an ASHTO HS-20 loading.
 2. The use of polypropylene pipe for storm drainage at drop inlets or in areas where leaf burning is allowed is prohibited.

D. Curb Inlets

1. Shall be prefabricated or cast-in-place.
 - a. Shall be place on 4-inches compacted aggregate base.
 - b. Reinforcement in footing shall be #4 bars on 6-inch centers both ways.
 - c. Reinforcement in walls shall be #4 bars on 12-inch centers both ways.
 - d. Reinforcement in lid shall be a minimum of six #4 bars placed at 45-degree angle. See detail.
2. Shall have a 10-inch throat galvanized steel inlet frame.
3. Cast iron manhole ring and cover, Neenah R-1537 or approved equal.
4. Cast iron step, Clay & Bailey No. 2101 or approved equal.

STORM DRAINAGE CONSTRUCTION DETAIL DRAWINGS

Construction details and sketches are attached.

END

OVERVIEW

This chapter establishes design guidelines for the construction of roads, streets, and parking areas within the jurisdictional boundaries of the City of Osage Beach. It also establishes the guidelines for reconstruction, improvement, and maintenance of existing streets within the city. Design standards are based upon the AASHTO Policy on the Geometric Design of Highways and Streets and the Supplement for Design of Very Low Volume Local Roads, ≤ 400 Average Daily Traffic (ADT).

CLASSIFICATION OF ROADS AND STREETS

A. Arterial Streets subdivided into three classifications:

1. Arterials over 50,000 Average Daily Traffic Count (ADT): Major through routes for high volume, moderate speed traffic, with limited access similar to the pending Rte. 54 Expressway.
2. Arterials with between 10,000 and 50,000 ADT: Major through route for high volume, restricted speed traffic, with restricted access, similar to the existing Rte. 54.
3. Arterials with between 5,000 and 10,000 ADT: Major connecting through routes similar to Rte. 42, KK and D Roads.

The design criterion shall be as indicated in Table I - Design Criterion.

B. Collector Streets. Collector are those that streets that intersect with arterial streets and/or local streets and serve primarily local traffic from neighborhoods to through routes. Dependent upon traffic count and local conditions the access will be restricted. Collector Streets are subdivided into two classifications:

1. Collector Street with over 3,000 ADT: Major lake roads such as Nichols Road, Passover Road, and Bluff Road.
2. Collector Street with 1,000 to 3,000 ADT: Lake Roads such as Case, Jefferies, Malibu, and Lazy Days.

The design criterion shall be as indicated in Table I - Design Criterion

C. Local Streets. Local streets are relatively low traffic neighborhood streets that provide access to residences or business locations and connect to collector streets. Local Streets are subdivided into four classifications:

1. Local Street with over 1,500 ADT: Relatively busy neighborhood streets that serve several residences and/or condo units and connect to collectors and lesser local streets such as Dogwood Lane, Airport Road, Sunset Drive, lesser traveled portions of Nichols Road and Dude Ranch Road, etc.

2. Local Street with between 400 and 1,500 ADT: Neighborhood streets serving more than 10 residences or condo units, and connecting to lesser local streets. May be dead end streets similar to: Wilson Drive, Broadwater Drive, Wyrick Road, etc.
3. Local Street with less than 400 ADT: Low use, usually dead end, streets serving less than 10 residences similar to Cedar Village Lane, Sleepy Hollow Lane, End of Hawthorne Drive, etc.

The design criterion shall be as indicated in Table I - Design Criterion

DEAD END STREETS

- A. Cul-de-sacs shall be constructed on all dead-end streets and shall meet the following criterion:
 1. The minimum diameter shall be 50-feet (edge of pavement to edge of pavement).
 2. The minimum easement or right of way shall be 60-feet diameter, or back of cut or fill slope as determined by the City Engineer.
 3. In cases where terrain and other constraints prohibit the construction of a cul-de-sac a “turn-around tee” may be constructed with the approval of the City Engineer. The use of a cul-de-sac is preferred.

RESIDENTIAL PARKING AND COMMERCIAL PARKING AREAS

- A. Residential Parking
 1. Each residential property owner shall provide sufficient off-street parking for his or her individual needs. Parking on the city street will not be permitted.
- B. Public Parking Areas
 1. All public and commercial facilities (except those in areas zoned as industrial) shall provide adequate parking to serve the public and employees as specified in the City of Osage Beach City Code Section 405.630 thru 405.670, Off-Street Parking and Loading Requirements. In addition, all commercial and public parking shall meet the following requirements:
 - a. All commercial, industrial, and/or public parking areas shall be asphalt or concrete paved.
 - b. The minimum structural section for asphalt paved parking areas shall be 3-inches of asphalt pavement on a minimum of 8-inches of Type V Base.

- c. The minimum structural section for concrete paved parking areas shall be 6-inches of reinforced concrete pavement on 6-inches of Type V Base.
- d. ADA handicapped parking shall be in accordance with:
 - 1) City of Osage Beach Code Section 405.665.
 - 2) Handicapped access ramps shall be provided as necessary.
- e. The parking area shall be drained to suitably designed storm drainage systems. Refer to the Storm Drainage Guidelines.
- f. Minimum cross-slopes for drainage shall be 0.5% for one axis and 1.0% for the transverse axis.
- g. The minimum radius for edge of pavement at entrance and exit shall be 20-feet.
- h. The minimum width of entranceway for one-way entrances shall be 12 feet, and for two-way entrances shall be 24-feet.
- i. The maximum allowable entry width for commercial parking areas shall be 40-feet, edge of pavement to edge of pavement.

EXISTING CITY STREETS – RECONSTRUCTION AND UPGRADING

- A. Many of the existing city streets do not conform to the above standards. In many cases there is inadequate right-of-way and manmade or natural obstructions that preclude significant improvement of the street. To accommodate these problems, the following shall apply to all existing city streets.
 - 1. Arterial, Collector, and Local Streets with an ADT of over 1,000 will be upgraded to the new construction standards to the maximum extent practicable. Substandard streets shall be upgraded in order of priority as set by the City Engineer, and approved by the Board of Aldermen.
 - 2. Streets with an ADT of less than 1,000 will be maintained to a drivable condition approximating their condition at the time of acceptance by the city until such time as increased traffic loading or safety consideration warrant upgrading them to new construction standards, providing the City has available funding. In many cases it will not be practicable to do so. In these cases the street will be upgraded by minor grading, overlay asphalt pavements, mitigation of safety issues, and construction of drainage facilities where required. Such upgrades and improvement will be prioritized. The priority shall be set by the City Engineer and approved by the Board of Aldermen.

EXISTING CITY STREETS – MAINTNENACE

- A. It is the intent of this guideline that existing city streets shall be maintained in a safe, drivable condition to the maximum extent practicable with consideration given to current available funding and staffing limitations.
- B. In general, the roadways will be maintained to the standard at which they were accepted into the city inventory. In cases where citizen complaints, staff investigations, or the Capital Infrastructure Advisory Committee deems appropriate the Board of Aldermen shall be requested to make improvements to the roadway. This request shall be in the form of a formal request from at least 50% of the persons or businesses located along the street in question. The request will be reviewed by the Capital Infrastructure Advisory Committee, the City Engineer, and Superintendent of Public Works and recommended to the Board of Aldermen. In general, improvements will be made only in accordance with the appropriate priority list and when funding is available.
- C. Snow and Ice Removal
 - 1. There are a few existing streets that are inaccessible to city snow plowing equipment. In cases where the street cannot be safely plowed by existing city equipment or other safety concerns are prohibitive the street will be placed upon a no-plow list at the time the street is accepted into the city inventory. Streets to be placed on the no-plow list shall be recommended by the Department of Public Works, and be approved by the Board of Aldermen. They will remain on the no-plow list until they are upgraded to new construction standards.

ROADS, STREETS AND PARKING CONSTRUCTION DETAIL DRAWINGS

Construction details and sketches are attached.

END

(~~Revised October 2023~~)

OVERVIEW

This guideline pertains to all encroachments into the City of Osage Beach street right-of-ways, street easements and utility easements including: intersections with new roadways to be dedicated to the city, private roadways or parking areas, driveways, trenches for underground utilities such as water or sewer lines and any other underground utility, aerial utility lines, and roadway appurtenances.

PERMITS

- A. A City of Osage Beach Road Cut and Utility Trench Permit is required prior to any encroachments into or over city right-of-ways or easements.
- B. A City of Osage Beach Excavation Permit is required for any excavation of more than 50 cubic yards and/or cut or fill which change existing elevations by more than 2 feet.

GENERAL

- A. Timely notice of work is required:
 - 1. The applicant shall notify the city Building Official not less than twenty-four (24) hours in advance of any work in the city right-of-way or easements.
 - 2. Additional notice shall be given to the City Building Official by telephone (573-302-2030) four (4) hours prior to actual excavation so that a City Inspector can be dispatched to carry out the required inspection.
 - 3. As a general rule inspections will not be made on weekends or official city holidays. In the case of an emergency good judgment shall rule.
- B. Timely completion of the work is required:
 - 1. Disruption of public access or use shall be minimized to the maximum extent practicable.
 - 2. Work within the city right-of-way or easement shall be done on a continuous basis, i.e.: once work is started it shall be continuous during normal work hours on a continual basis until completed.
 - 3. Leaving open trenches or other excavations for more than forty-eight (48) hours is prohibited.
- C. Traffic control, signs, and barricades:
 - 1. All open trenches or excavations within street right-of-ways or easements shall be provided with appropriate warning signs and barricades.

2. If street traffic is interfered with appropriate flagman shall be provided.
3. All traffic control activities and devices shall conform to the U. S. Department of Transportation Manual of Uniform Control Devices.
4. If the excavated trench is to remain open or surface repairs to the street not completed prior to darkness appropriate warning lights shall be provided.
5. The applicant shall maintain all traffic control devices for the duration of the work.
6. At least one traffic lane shall be maintained in usable condition at all times.
7. All trenches within the traveled way shall be closed during nighttime hours.
8. No work will be permitted within the city right-of-way or easements over weekends or holiday periods.

INTERSECTIONS, PARKING AREAS, AND DRIVEWAYS

- A. Prior to construction for all proposed intersections with new streets, parking areas and driveways the applicant shall:
 1. Obtain an encroachment permit.
 2. Submit a drawing showing horizontal and vertical alignment of the intersecting facility and all storm drainage facilities.
- B. Intersecting streets and parking areas shall conform to the City of Osage Beach Design Standards for width, alignment, and grade.
 1. Intersecting streets and parking areas shall have curb and gutters.
 2. Streets, parking areas and driveways shall intersect perpendicular to the city street to the maximum extent practicable.
- C. Minimum width for driveway entrances to commercial properties shall be 12-feet for a one-way entrance and 24-feet for two-way entrances. Minimum radius for flares shall be 15-feet.
- D. Driveways for private residences shall be a minimum of 10-feet of driving surface exclusive of flares. Minimum radius for flares shall be 10-feet.
- E. All entrances into city streets shall be designed and constructed to accommodate storm drainage run-off.
 1. Appropriate catch drains shall be provided to accommodate run-off from or into driveways.
 2. Where roadway ditches exist on the city street appropriate culverts, swales, or slotted drains shall be provided.

UTILITY TRENCHES

- A. Utility trenches traversing under a city roadway.
1. Saw cut all pavement surfaces.
 2. All utility lines, except storm sewer, across city right-of-ways shall be incased in Schedule 40 or SDR 21 PVC sleeve.
 3. The sleeve shall be not less 2-inches in inside diameter larger than the maximum outside diameter of the widest dimension of the utility duct or pipe to be run through the sleeve.
 4. The minimum depth of cover of the sleeve shall be:
 - a. In accordance with Section 2 - Water Systems for waterlines
 - b. In accordance with Section 3 - Sewerage Design for sanitary sewer
 - c. In accordance with Section 4 - Storm Drainage for storm sewer
 - d. 36 inches below finished pavement grade for all others or as described in this Section.
 5. The maximum depth of cover shall be in accordance with the appropriate section for the utility.
 - a. In accordance with Section 2 - Water Systems for waterlines
 - b. In accordance with Section 3 - Sewerage Design for sanitary sewer
 6. Select Backfill shall be installed:
 - a. From 6-inches below the utility to 18-inches below the finished pavement grade for water, pressure sewer and primary power lines.
 - b. From 4-inches below the utility to 9-inches below the finished pavement grade for storm sewer and secondary power lines.

Select backfill shall be 95% of maximum density crushed rock conforming to MoDOT Type V aggregate, Section 1007. Trench backfill material shall not contain any material with a nominal particle size greater than 6-inches.
 7. Concrete Backfill:
 - a. Shall be installed from 3-inches below finished pavement grade to the top of the Select Backfill.
 - b. The top 6-inches of the concrete backfill shall be extended not less than twelve inches on each side of the utility trench.
 - c. Shall conform to MDOT Section 501, Concrete.
 - 1) Concrete shall be Class A-1
 - 2) Course aggregate shall be Gradation B
 - 3) Fine aggregate shall be Class A

- 4) Cement shall be either Type I or III.
- 5) An accelerator may be used in conformance with MoDOT Section 1054.5.

8. Asphalt Pavement

- a. Shall be installed from the surface to 3-inches below finished grade.
- b. Asphalt pavement shall conform to MoDOT Section 403; Type 1B
- c. Asphalt cement shall be AC-30
- d. Concrete backfill as specified above maybe utilized in lieu of asphalt pavement with prior permission of the City Engineer.
- e. Finish Tolerance the surface of the finished roadcut shall not exceed ¼-inch below a 10-foot straight edge as measured below the straight edge.

B. Utility trenches paralleling under a city roadway or parking area.

1. Saw cut all pavement surfaces.
2. The minimum depth of cover shall be:
 - a. In accordance with Section 2 - Water Systems for waterlines
 - b. In accordance with Section 3 - Sewerage Design for sanitary sewer
 - c. In accordance with Section 4 - Storm Drainage for storm sewer
 - d. 24 inches below finished pavement grade for all others or as described in this Section.
3. Select Backfill shall be installed:
 - a. From 6-inches below the utility to 3-inches below the finished pavement grade.
 - b. Select backfill shall be 95% of maximum density crushed rock conforming to MoDOT Type V aggregate, Section 1007. Trench backfill material shall not contain any material with a nominal particle size greater than 6-inches.
 - c. Select backfill shall be placed in maximum 8-inch lifts and mechanically compacted to a compaction of 95% SPT.
4. Asphalt Pavement
 - a. Shall be installed from the surface to 3-inches below finished grade.
 - b. Asphalt pavement shall conform to MoDOT Section 403; Type 1B
 - c. Asphalt cement shall be AC-30
 - d. Concrete backfill as specified above maybe utilized in lieu of asphalt pavement with prior permission of the City Engineer.
 - e. Finish Tolerance the surface of the finished roadcut shall not exceed ¼-inch below a 10-foot straight edge as measured below

the straight edge.

C. Utility trenches out of traffic area

1. The minimum depth of cover shall be:
 - a. In accordance with Section 2 - Water Systems for waterlines
 - b. In accordance with Section 3 - Sewerage Design for sanitary sewer
 - c. In accordance with Section 4 - Storm Drainage for storm sewer
 - d. 24-inches below finished pavement grade for all others or as described in this Section.
3. Select Backfill shall be installed:
 - a. In accordance with Section 2 - Water Systems for waterlines
 - b. In accordance with Section 3 - Sewerage Design for sanitary sewer
 - c. In accordance with Section 4 - Storm Drainage for storm sewer
 - d. 6 inches below the utility line to 12-inches above the utility line for all others.
4. Backfill shall be granular material or select soil excavated from the trench, free of rocks over 6-inch in least dimension, foreign material or frozen earth.
 - a. Backfill shall be compacted to 95% of optimum density at optimum moisture content.
 - b. The surface shall be graded to smooth flowing lines blending into surrounding slopes.
5. Restore disturbed surface area to pre-construction condition (seed & mulch, decorative rock, etc.).

D. Underground Primary Power Trenches. All electrical power of 480 volts AC or more is considered “primary power”.

1. See Ameren Missouri Specifications for requirements.
2. Where underground primary power crosses city utilities, the primary power shall be a minimum of 1-foot below.
3. Where primary power line parallels a city utility line it shall be separated by a minimum of 4-feet.

E. Underground Secondary Power Trenches, all electrical power less than 480 volts.

1. See Ameren Missouri Specifications for requirements. Where secondary power will be owned by the City, the following shall apply:
 - a. Secondary power trenches shall be a minimum of 24-inches of cover in depth.

- b. An approved warning tape shall be installed twelve-inches above the duct.
- c. Underground secondary power ducts can be co-located with water or sewer lines if they are placed not less than 1-foot to the side and at or below the elevation of the water or sewer line.
- d. Where secondary power crosses water or sewer lines, the power shall be in conduit and shall be a minimum of 1-foot below water or sewer lines.

ROAD BORES

In all location where the utility is to be installed under a paved area that has been constructed within the previous five years, as determined by the city engineer, a road bore shall be constructed. The minimum depth of the bore shall be 36-inches. All bores shall be sleeved as specified above.

AERIAL UTILITIES

- A. Minimum vertical clearance for aerial utilities shall be a minimum of 18 feet at the lowest point of crossing above the finished pavement grade of any city street.
- B. Utility poles shall not be located less than 3-feet from the edge of pavement on city streets or parking areas.

ROADWAY APPURTENANCES

- A. Traffic control signs shall be installed in accordance with US Department of Transportation and Federal Highway Administrations Uniform Manual of Traffic Control Devices.
- B. Other signs.
 - 1. A City of Osage Beach Sign Permit is required for all signs within city right-of-ways or easements except traffic control signs.
- C. No sign shall be installed within 3-feet of the edge of pavement
- D. Mailbox.
 - 1. Mailboxes and/or newspaper boxes shall not be located within 12-inches of the edge of pavement on city streets.
 - 2. If the street has concrete curb and gutter the face of the mailbox shall not protrude into the roadway past the back of the curb.
 - 3. Mail and newspaper boxes shall be removed within thirty days of cessation of delivery service. If the box is unused and not removed the city will remove it at the owner's expense.

E. Guard Rail or Crash Barrier

1. Shall only be installed at locations where a severe traffic safety hazard exists and only with the approval of the City Engineer.
2. Installation shall conform to MoDOT Specifications.

INSPECTIONS

During the progress of the work each utility line shall be inspected by the Engineering Department prior to trench backfill.

ROADCUT AND UTILITY TRENCH CONSTRUCTION DETAIL DRAWINGS

Construction details and sketches are attached.

END

Design Guidelines
City Of Osage Beach
SECTION 7 -STREET LIGHTS

Revised March 2025

(Revised 21 OCT 04 JB)

I. GENERAL

The City of Osage Beach policy for streetlights is established in City Code Section 410.400 Street Lighting Location Standards, 410.410 Street Lighting Design Standards, Sections 510.190 Guidelines for Consideration in Accepting Additional Street Lighting into the Public Street System, 510.200 Guidelines for Consideration in Accepting Existing Street Lights (s) and Accessories into the Public Street System, 21-53, Board of Aldermen Assurances and Actions in Accepting or Rejecting Street Lighting Petitions, and 510.210 Procedures. The erection of streetlights within the City shall be in accordance with the specified City Codes and the City Design Guidelines as established herein.

The streetlights within the City of Osage Beach in general are erected and owned by AmerenUE and rented to the city under contract. The current AmerenUE policy is:

1. If the new fixture can be installed on an existing pole without additional work AmerenUE installs the fixture at no cost. If there is not a conveniently located pole, or if a transformer must be set to accommodate the new fixture(s), the entity placing the order is billed for the installation.
2. If the electrical system in the neighborhood is underground or if a pad mounted fixture is requested the requesting entity must contract with another contractor to have the underground service conduit extended to the fixture location and construct the mounting pad. If a transformer is required a transformer pad will also have to be constructed. AmerenUE will furnish and install the transformer, wiring, and fixture. The ordering entity must pay for the AmerenUE installation costs.
3. In the case of a new development many times AmerenUE will work with the developer to install the street lighting system at no or little cost. If the system meets the city requirements and the Board of Aldermen elect it will be taken over by AmerenUE and the monthly rental service billed to the City under contract.

III. STREET LIGHTING DESIGN STANDARDS

A. Location Requirements

1. Along the new or proposed street at the following intervals:
 - a. Where intersections on existing or proposed residential or local streets are more than 400 feet apart, lights shall be located at up to 400-foot intervals. Existing lots with a frontage of less than 300 feet shall be exempt.
 - b. Where intersections on existing or proposed non-residential or collector streets are more than 300 feet apart, lights shall be placed at up to 300 foot intervals. Existing lots with a frontage of 200 feet or less shall be exempt.

Design Guidelines
City Of Osage Beach
SECTION 7 -STREET LIGHTS

Revised March 2025

- c. Where intersections with existing or proposed arterial streets, or US Rte. 54 are in excess of 200 feet, streetlights shall be placed at intervals up to 200 feet apart. Lighting along all federal or state routes shall meet MoDOT lighting standards.
 2. At all intersections.
 3. At all turn around areas and dead ends.
 4. At all curves of less than 150-foot radius and a delta angle of more than 30 degrees.
 5. Streetlights over the traveled way shall be a minimum of 20 feet above the surface.
 6. Streetlights located adjacent to the roadway shall not be less than twelve feet high.
 7. Street light poles shall be locate at the outside edge of the city easement or not less than three feet from back of curb or edge of pavement, which ever is the greater.
- B. Design Standards for Street Lights and Appurtenances
1. Existing Neighborhoods where new lights are to be furnished by AmerenUE shall conform to AmerenUE specifications. These lights shall be high-pressure sodium vapor type, 150W.
 2. New Developments or areas for more than one new street light shall conform to the following:
 - a. The developer shall submit a street lighting system plan: The plan shall clearly show all street light locations, type and style of pole, type and style of fixtures, rating and illumination data for fixtures, and details of riser connection to AmerenUE.
 - b. Poles shall be wooden conforming to AmerenUE specifications for height of pole, steel, cast iron, or aluminum. All poles shall be designed to withstand 80-mph wind gusts without distortion with all appurtenances attached. All poles mounted on a base assembly shall be of the break-away type.
 - c. Fixtures shall be high-pressure sodium vapor type of sufficient wattage to provide for 9,000 to 10,000 lumen coverage for residential areas, or 25,000 to 30,000 lumens for commercial areas.
 3. All streetlights shall be on city streets or parking areas.

END

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Tara Berreth, City Clerk
Presenter: Devin Lake, City Administrator

Agenda Item:

Resolution 2025-09 - A resolution of the City of Osage Beach, Missouri, stating facts and reasons for the necessity to amend the fiscal year 2025 budget by adding Public Works Director

Requested Action:

Resolution #2025-09

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Budgeted Item:

Budget Line Information (if applicable):

Department Comments and Recommendation:

Since the Public Works Operations Manager has left, I believe the best way to move the department forward is to replace that position with a Public Works Director. I believe this was appointed in the past, however, I am open to discussing whether that should be its current status.

City Attorney Comments:

Per City Code 110.230, Resolution 2025-09 is in correct form.

City Administrator Comments:

RESOLUTION 2025-09

A RESOLUTION OF THE BOARD OF ALDERMEN OF THE CITY OF OSAGE BEACH, MISSOURI, STATING FACTS AND REASONS FOR THE NECESSITY TO THE FISCAL YEAR 2025 ADDING PUBLIC WORKS DIRECTOR.

WHEREAS, a change in employee title Public Works Director be added to the budget.

WHEREAS, a budget amendment is necessary for proper administration and, documentation.

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

Section 1. The Board of Aldermen of the City of Osage Beach, Missouri hereby authorizes the Public Works Director Title be added to the budget for Fiscal Year 2025.

Section 2. This resolution shall be in full force and effect from and after its passage and approval

I hereby certify that the above Resolution 2025-09 was duly passed on _____, by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows.

Ayes:

Nays:

Abstain:

Absent:

Date

Michael Harmison, Mayor

Approved to form:

Cole Bradbury, City Attorney

Attest

Tara Berreth, City Clerk

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Tara Berreth, City Clerk
Presenter: Devin Lake, City Administrator

Agenda Item:

Bill 25-25- An ordinance of the City of Osage Beach, Missouri, amending Ordinance No. 24.93 adopting the 2025 annual operating budget by removing and adding job titles within the FY2025 Employee Pay Plan. *First Reading*

Requested Action:

First Reading of Bill #25-25

Ordinance Referenced for Action:

Board of Aldermen approval required for certain budget amendments per Municipal Code Chapter 135; Section 135.020 Budget and Financial Control.

Deadline for Action:

Budgeted Item:

Not Applicable

Budget Line Information (if applicable):

Not Applicable

Department Comments and Recommendation:

The updated Pay Plan reflects the removal of the Public Works Operations Manager from Pay Level 12 and the addition of Public Works Director to Pay Level 14. Since the Public Works Operations Manager has left, I believe the best way to move the department forward is to replace this position with a Public Works Director. I believe this was appointed in the past, however, I am open to discussing whether that should be its current status.

City Attorney Comments:

Per City Code 110.230, Bill 25-25 is in correct form.

City Administrator Comments:

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING ORDINANCE NO. 24.93 ADOPTING THE 2025 ANNUAL OPERATING BUDGET BY REMOVING AND ADDING JOB TITLES WITHIN THE FY2025 EMPLOYEE PAY PLAN.

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

Section 1. That the 2025 Annual Operating Budget adopted as Ordinance No. 24.93 is hereby amended as follows:

Pay Level 12
~~Public Works Operations Manager~~

Pay Level 14
Public Works Director

Section 2. In all other respects the 2025 Annual Operating Budget adopted in Ordinance No. 24.93 remains in full force and effect.

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

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.25 was duly passed on , by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes:

Nays:

Abstain:

Absent:

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

Date

Tara Berreth, City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.25.

Michael Harmison, Mayor

Date

ATTEST:

Tara Berreth, City Clerk

**City of Osage Beach
FY2025 Operating Budget**

Employee Pay Plan

Level	Pay Range	Position	Level	Pay Range	Position
6	\$32,604 - \$47,276	Airport Technician	9	\$48,595 - \$72,893	Building Inspector
		Facilities Custodian			Construction Inspector
		Evidence Custodian			Public Information Officer
		Park Technician I			Detective
		Records Clerk			GIS Technician
7	\$37,495 - \$54,367	Accounts Payable/Payroll Clerk	10	\$55,884 - \$83,826	Police Analyst
		Accounts Receivable Clerk			Police Corporal
		Court Clerk			Public Works III - Sewer
		Dispatcher			Public Works III - Trans
		Department Secretary			Public Works III - Water
		Emergency Medical Technician (EMT)	Ambulance Supervisor		
		Human Resources Coordinator	Dispatch Supervisor		
		Parks Technician II	Police Sergeant - Detective		
		Public Works I - Sewer	Police Sergeant - Patrol		
		Public Works I - Trans	Public Works Foreman - Sewer		
		Public Works I - Water	Public Works Foreman - Trans		
		Public Works Technician/Locator	Public Works Foreman - Water		
		Recreation Specialist	Accounting Specialist		
		Utility Billing Clerk	IT Systems Administrator		
		8	\$42,257 - \$63,385	Deputy Clerk	11
Administrative Assistant	City Planner (Appointed Official)				
Lead Dispatcher	Human Resources Director				
Paramedic	Parks and Recreation Manager				
Parks Technician III	***Marketing & Development Director				
Police Officer	Sewer Superintendent				
Public Works II - Sewer	Transportation & Water Superintendent				
Public Works II - Trans	12			\$72,458 - \$112,310	Airport Manager
Public Works II - Water					Building Official (Appointed Official)
School Resource Officer					IT Director
		Police Lieutenant			
Notes:			13	\$83,326 - \$129,156	None
			14	\$93,983 - \$150,373	Assistant City Administrator
					Police Chief (Appointed Official)
					Public Works Director (Appointed Official)
			15	\$108,080 - \$172,928	City Engineer (Appointed Official)
					City Treasurer (Appointed Official)
			16	\$124,293 - \$198,868	City Administrator (Appointed Official)
					City Attorney (Appointed Official)

1) City Code Section 125.050 Pay and Compensation establishes the Classification and Compensation System. Review is annually, stating all positions are reviewed periodically. FY2025 Pay Plan effective January 1, 2025.

2) Pay Plan Levels begin at Level 6; no structure for Levels 1 - 5.

3) No positions are outlined for Levels 13.

4) Added Positions ; Positions with +1 Level Movement; Positions with +2 Level Movement; ***Positions with Title Changes

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Tara Berreth, City Clerk
Presenter: Devin Lake, City Administrator

Agenda Item:

Bill 25-26 - An ordinance of the City of Osage Beach, Missouri, amending Chapter 112 Lake Ozark - Osage Beach Joint Sewer Board, Section - 112.030 Appointed Members.
First Reading

Requested Action:

First Reading of Bill #25-26

Ordinance Referenced for Action:

Board of Aldermen approval required per Section 110.230. Ordinances, Resolutions, Etc. – Generally and Section 110.240 Adoption of Ordinances.

Deadline for Action:

Not Applicable

Budgeted Item:

Budget Line Information (if applicable):

Department Comments and Recommendation:

This ordinance is to replace the title of Public Works Operations Manager with Public Works Director as a representative on the Joint Sewer Board.

City Attorney Comments:

Per City Code 110.230, Bill 25-26 is in correct form.

City Administrator Comments:

AN ORDINANCE OF THE CITY OF OSAGE BEACH, MISSOURI, AMENDING CHAPTER 112 LAKE OZARK – OSAGE BEACH JOINT SEWER BOARD, SECTION - 112.030 APPOINTED MEMBERS

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

Section 1. That the Code of Ordinances of the City of Osage Beach, in Chapter 112 are hereby enacted with amendments as set forth below with new material set out in **RED** and deleted material struck as follows:

Section 112.020. Members.

- A. Osage Beach will have four (4) members representing the City on the Lake Ozark-Osage Beach Sewage Treatment Plant Board herein referred to as "Joint Sewer Board."
- B. The Mayor and the Public Works **Director** ~~Operations Manager~~ will serve as members of the Joint Sewer Board as virtue of their positions.

Section 2. That this Ordinance shall be in full force and effect upon date of passage and approval by the Mayor.

READ FIRST TIME:

READ SECOND TIME:

I hereby certify that the above Ordinance No. 25.26 was duly passed on _____ by the Board of Aldermen of the City of Osage Beach. The votes thereon were as follows:

Ayes:

Nays:

Abstain:

Absent:

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

Date

Tara Berreth City Clerk

Approved as to form:

Cole Bradbury, City Attorney

I hereby approve Ordinance No. 25.26

Date

Michael Harmison, Mayor

ATTEST:

Tara Berreth, City Clerk

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:
Presentation - Airport Master Plans for Lee C. Fine and Grand Glaize Airports

Requested Action:
Presentation

Ordinance Referenced for Action:
Not Applicable

Deadline for Action:
Not Applicable

Budgeted Item:
Not Applicable

Budget Line Information (if applicable):
Not Applicable

Department Comments and Recommendation:
Not Applicable

City Attorney Comments:
Not Applicable

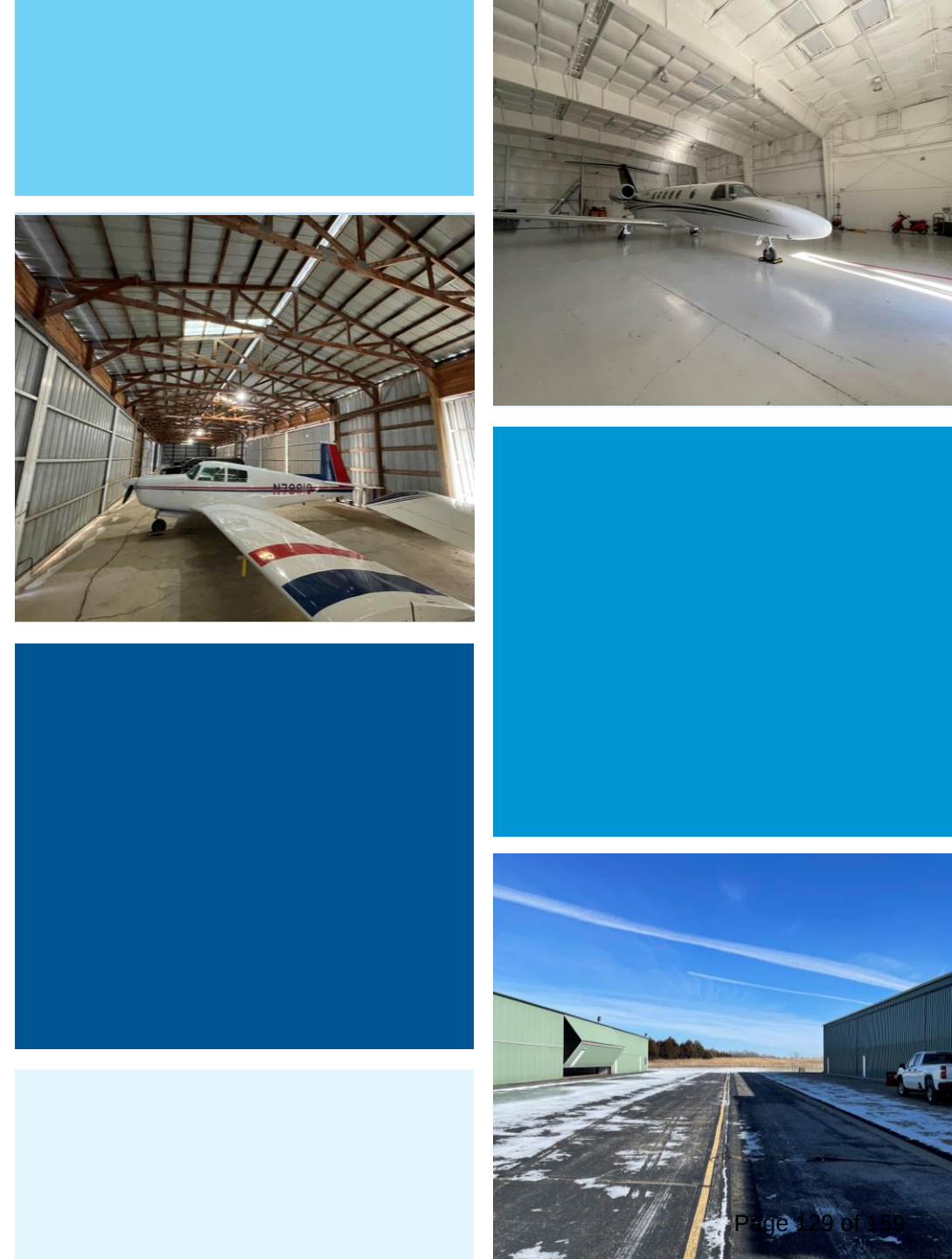
City Administrator Comments:



Master Plan Update

Lee. C. Fine (ALZ) & Grand Glaize (K15)
Airports

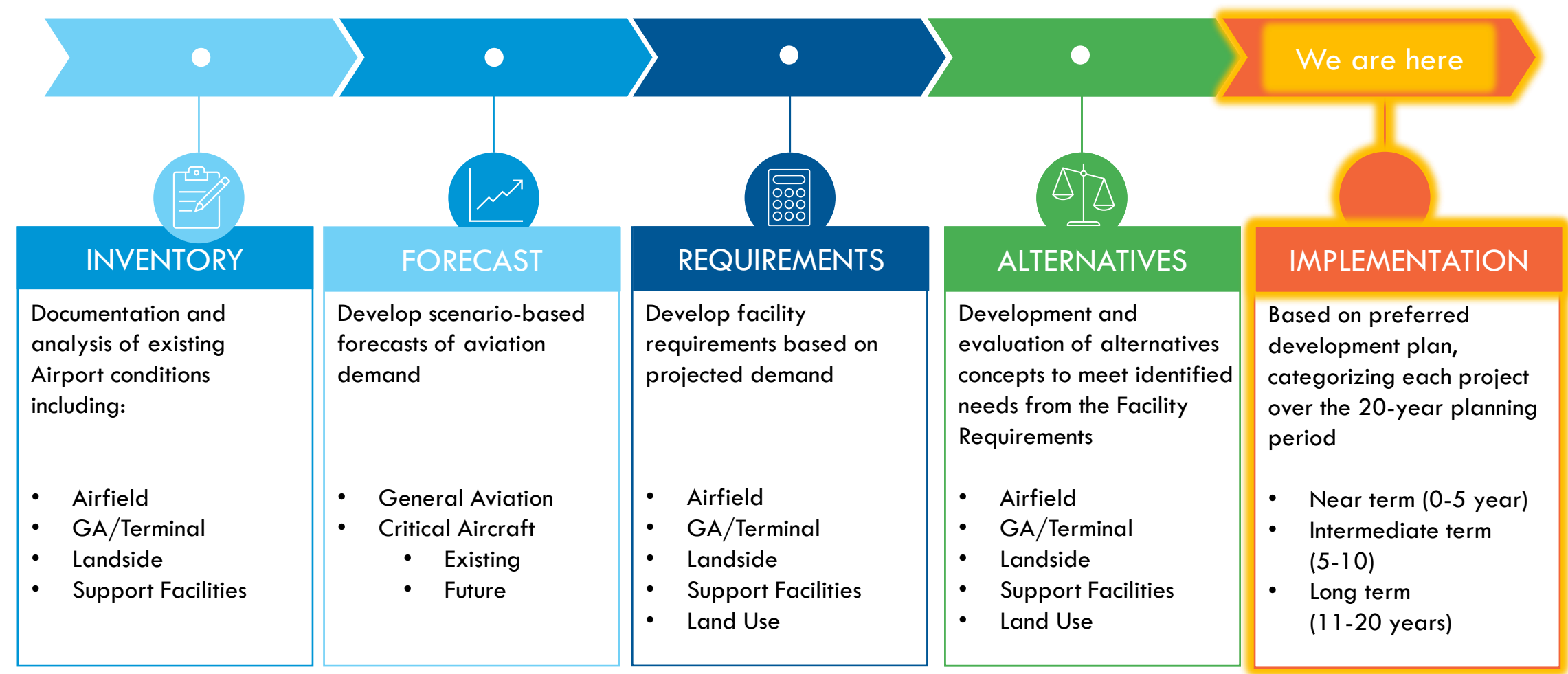
March 20, 2025 - **DRAFT**



Agenda

- Master Plan Project Progress
- Summary of Forecast Projections
- Summary of Master Plan Recommendations
- Implementation Plan
- Next Steps

Master Plan Project Progress



Summary of Grand Glaize (K15) Forecast Projections

- Total operations are projected to grow from **3,028** to **3,376 (+10%)** over the 20-year planning horizon
- Based aircraft are projected to grow from **10** to **18 (+44%)**
- Up-gauge Runway Design Code (RDC) from **AI** to **AII**



Summary of Lee C. Fine (AIZ) Forecast Projections

- Total operations are projected to grow from **5,410** to **6,278 (+14%)** over the 20-year planning horizon
- Based aircraft are projected to grow from **7** to **12 (+42%)**
- Up-gauge Runway Design Code (RDC) from **CII** to **CIII**

Existing Critical Aircraft

Dassault Falcon 900



Future Critical Aircraft

Bombardier Global 5000



Summary of Grand Glaize (K15) Recommendations

1

Increase runway width from **60** to **75** feet

2

New full-length parallel taxiway (**increased separation**)

3

New hangar **development**

4

Additional apron space for itinerant aircraft

5

New terminal building

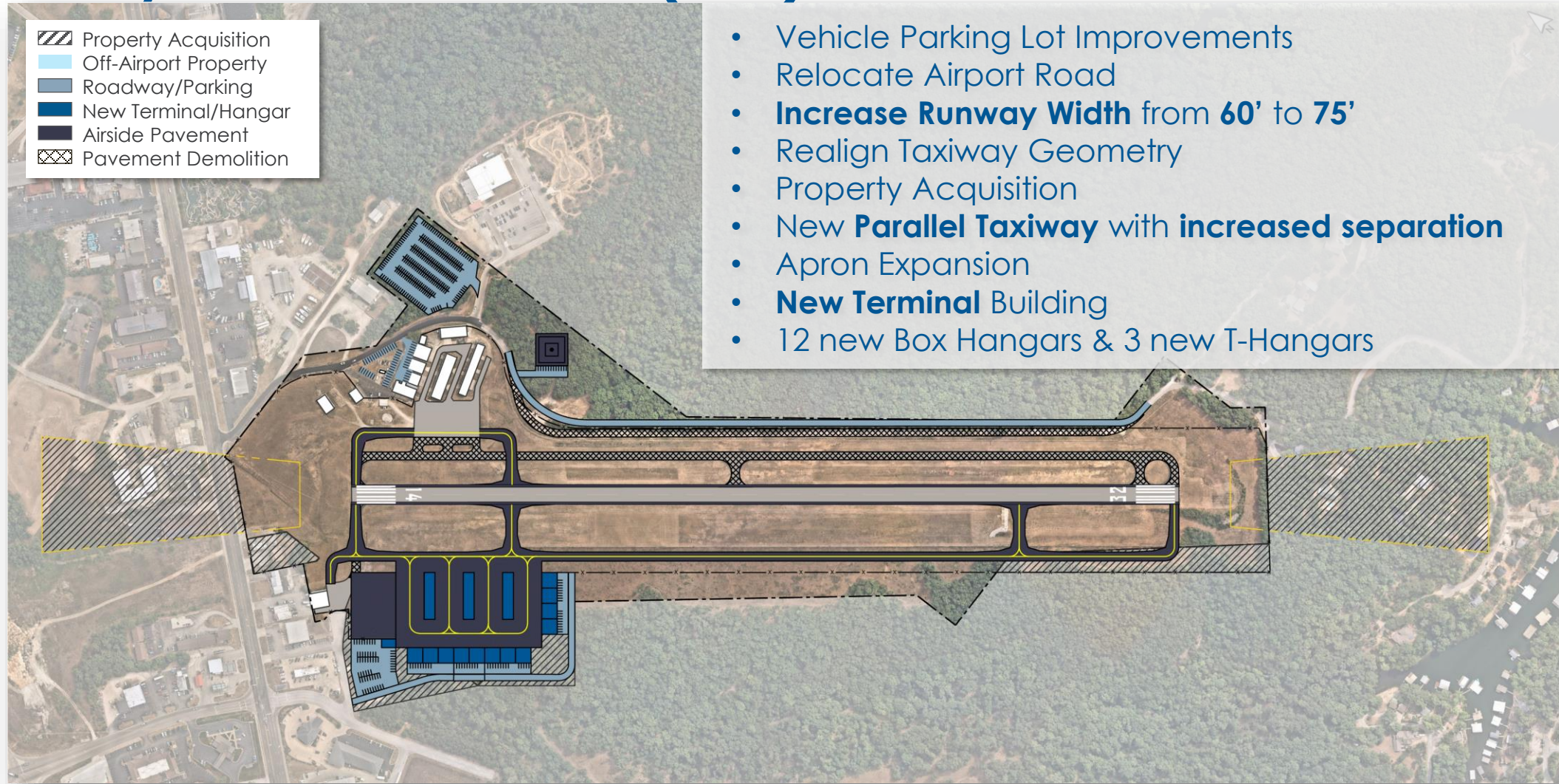
6

Vehicle parking lot **improvements**

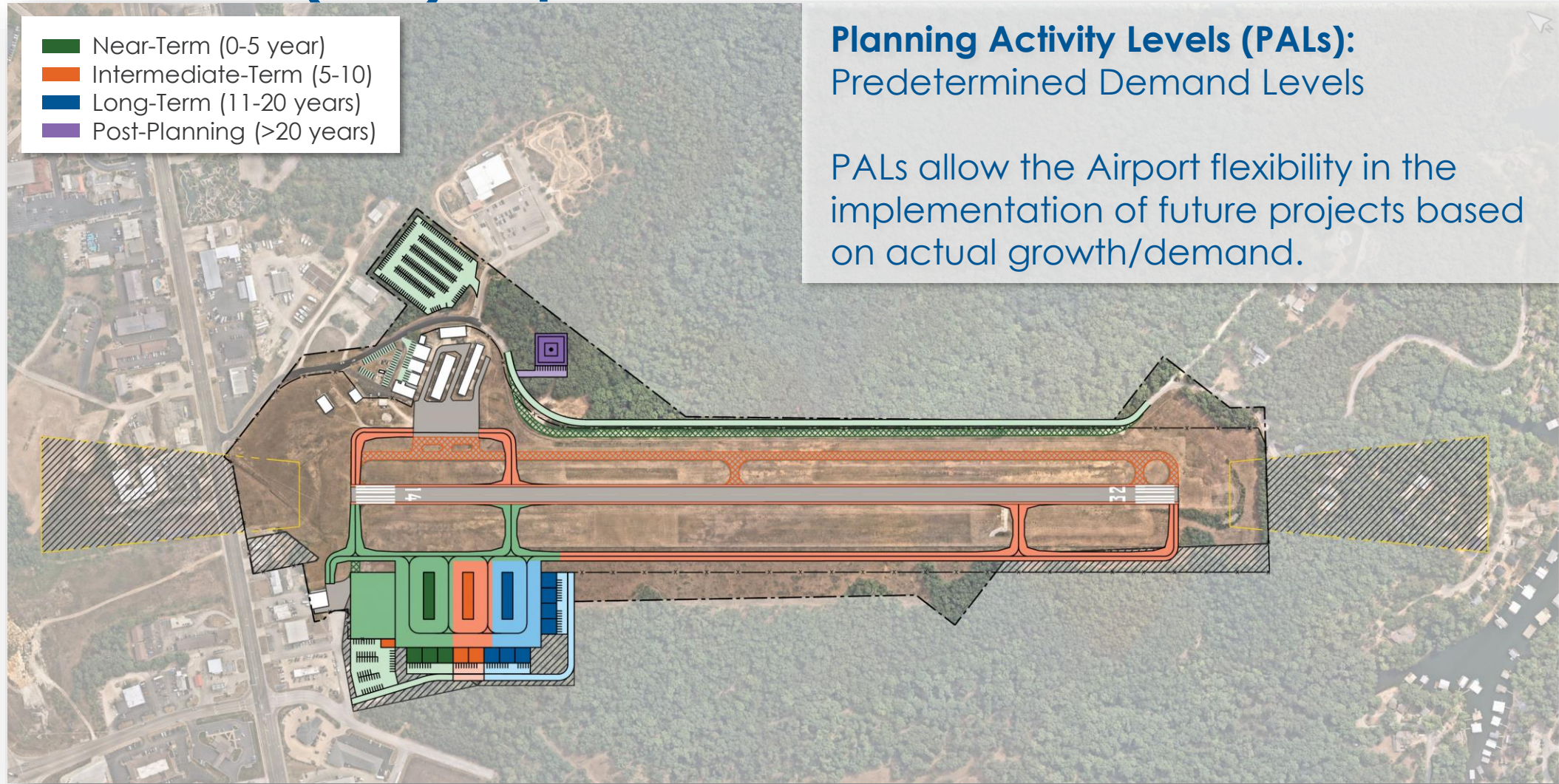
Grand Glaize (K15) Existing Conditions



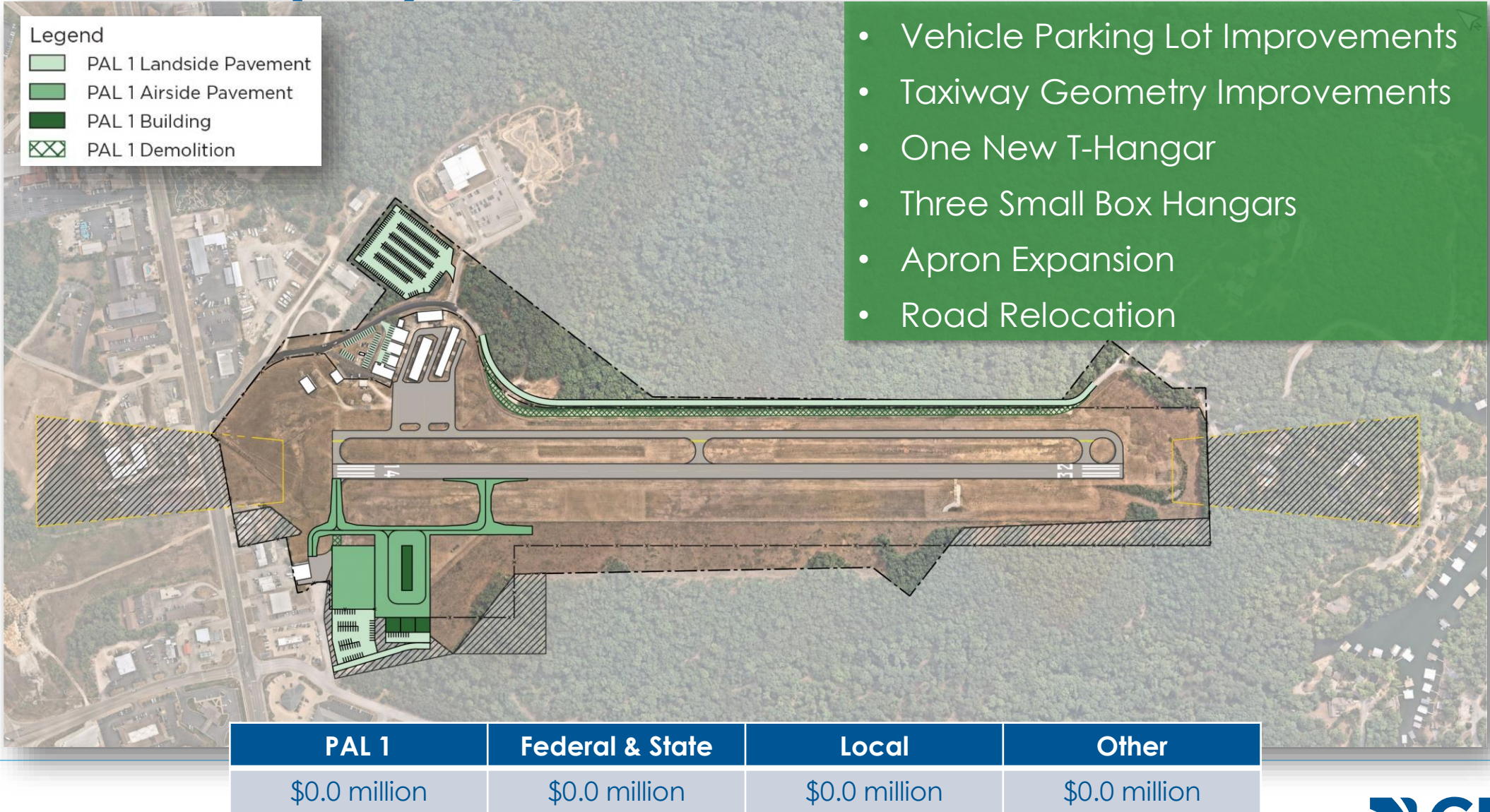
Summary of Grand Glaize (K15) Recommendations



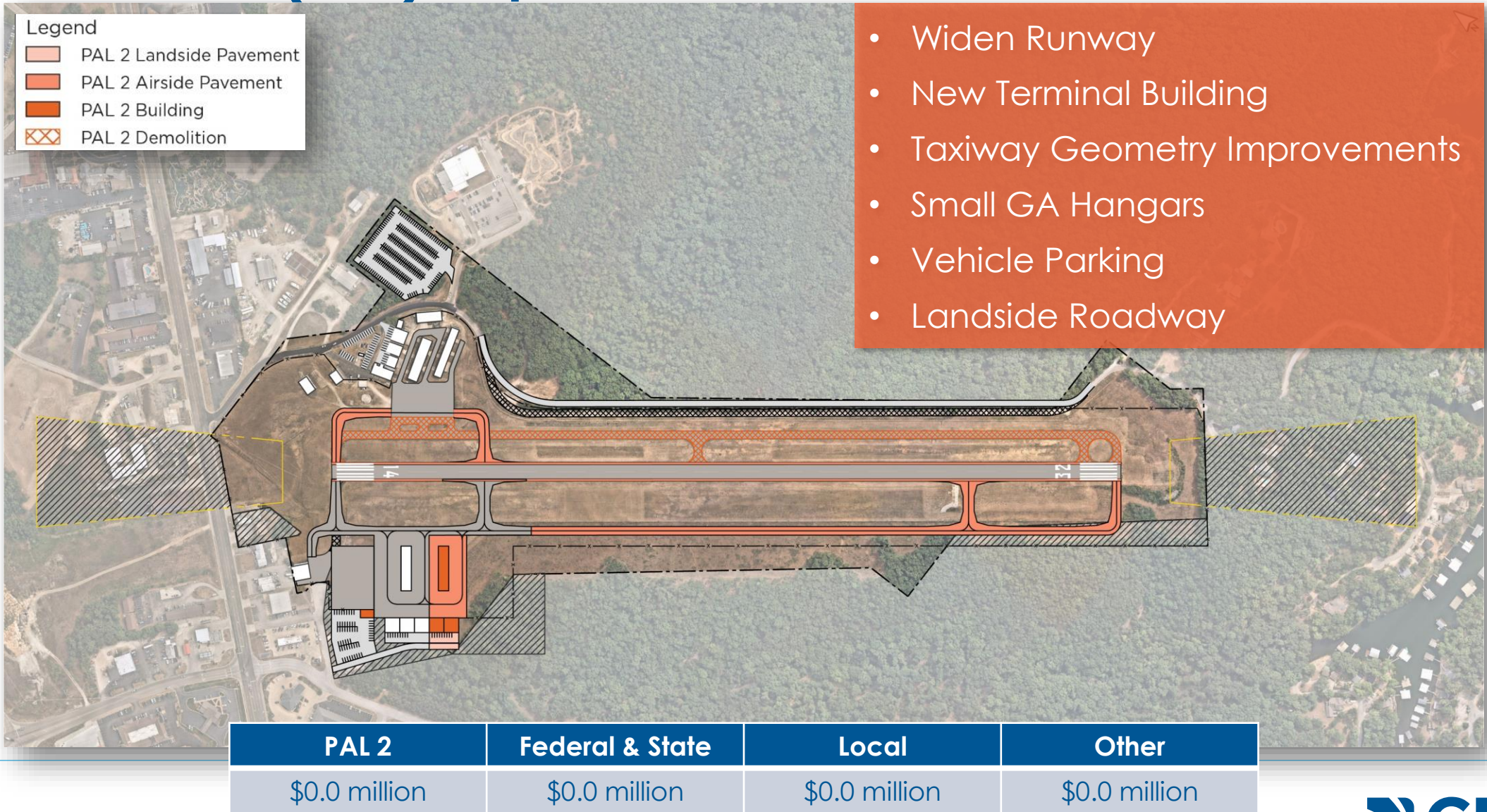
Grand Glaize (K15) Implementation Plan



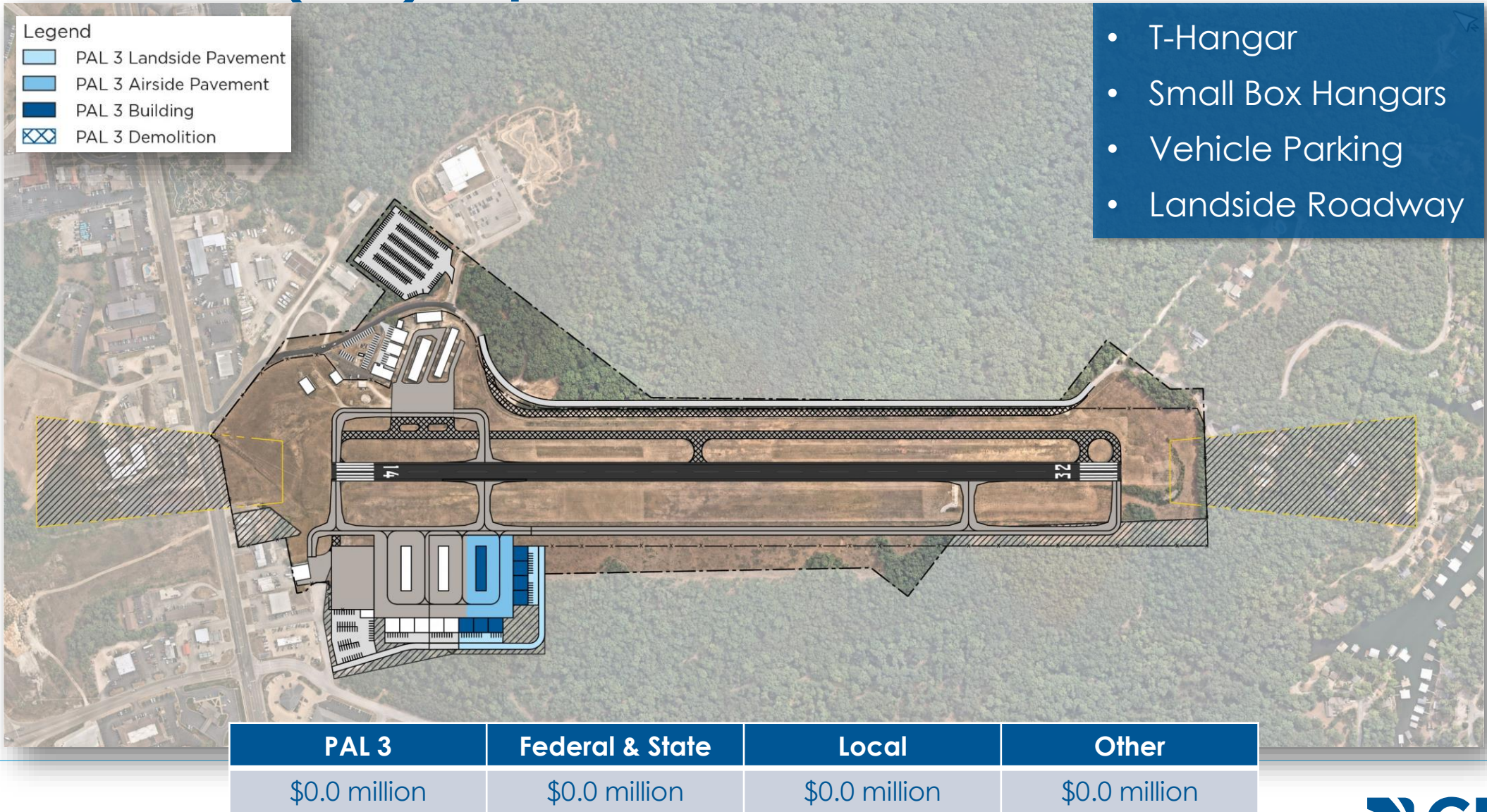
Grand Glaize (K15) Implementation Plan



Grand Glaize (K15) Implementation Plan



Grand Glaize (K15) Implementation Plan



Grand Glaize (K15) Implementation Plan



Post-Planning	Federal & State	Local	Other
\$0.0 million	\$0.0 million	\$0.0 million	\$0.0 million

Summary of Lee C. Fine (AIZ) Master Plan Recommendations

1

Additional apron space for itinerant aircraft

2

Additional hangar development

3

Hangar access developments

4

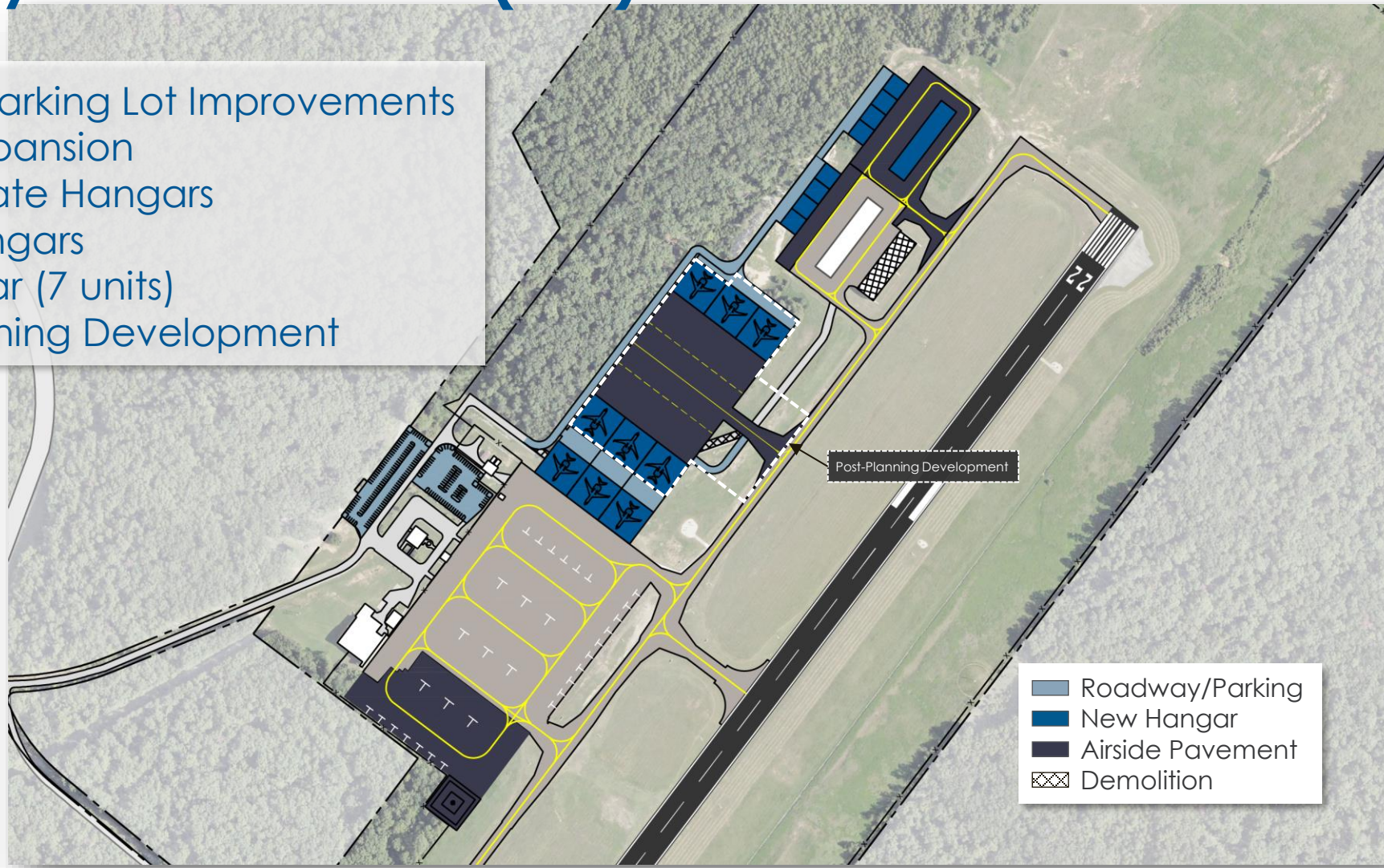
Vehicle parking lot improvements

Lee C. Fine (AIZ) Existing Conditions



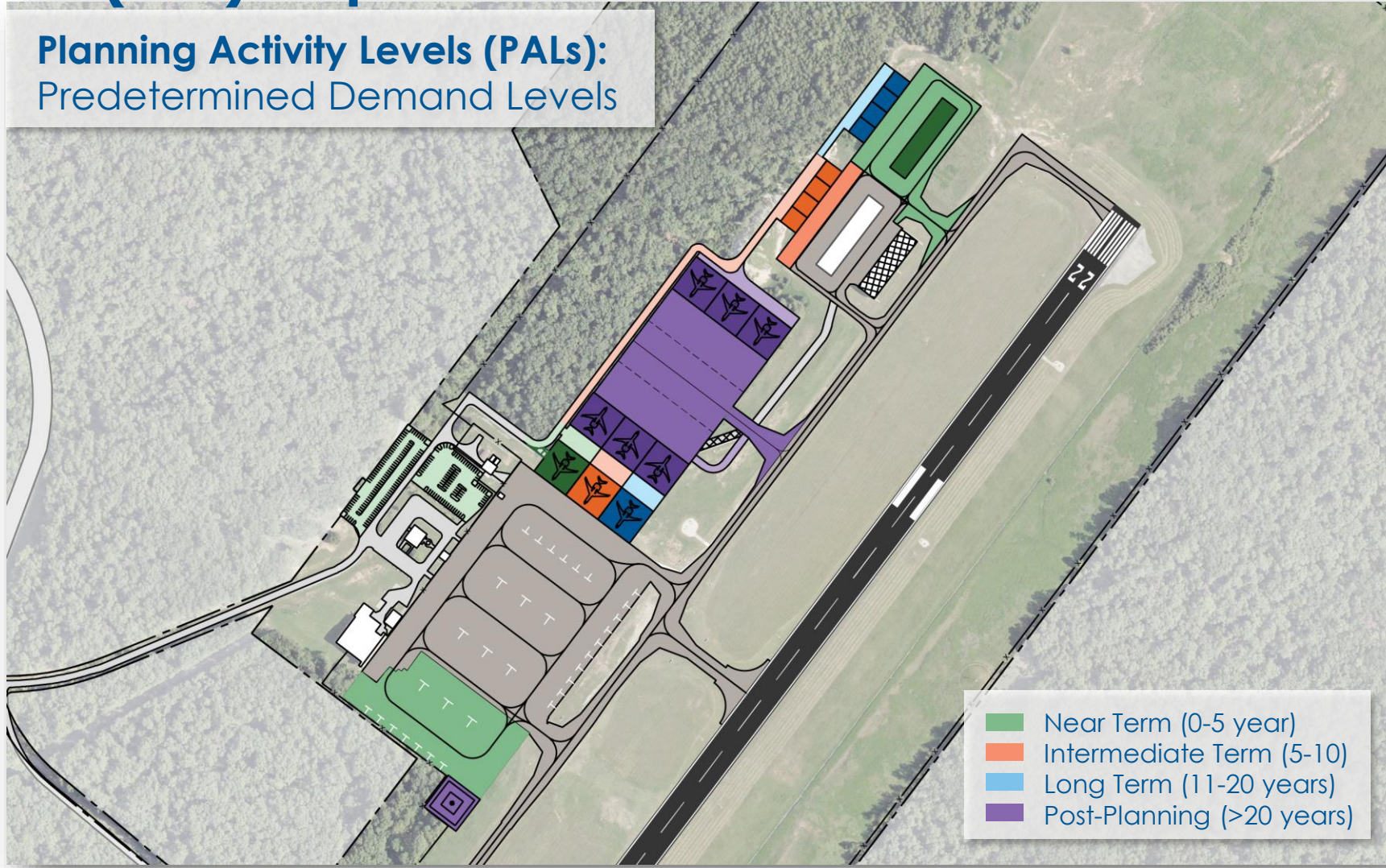
Summary of Lee C. Fine (AIZ) Master Plan Recommendations

- Vehicle Parking Lot Improvements
- Apron Expansion
- 3 Corporate Hangars
- 8 Box Hangars
- 1 T-Hangar (7 units)
- Post-Planning Development



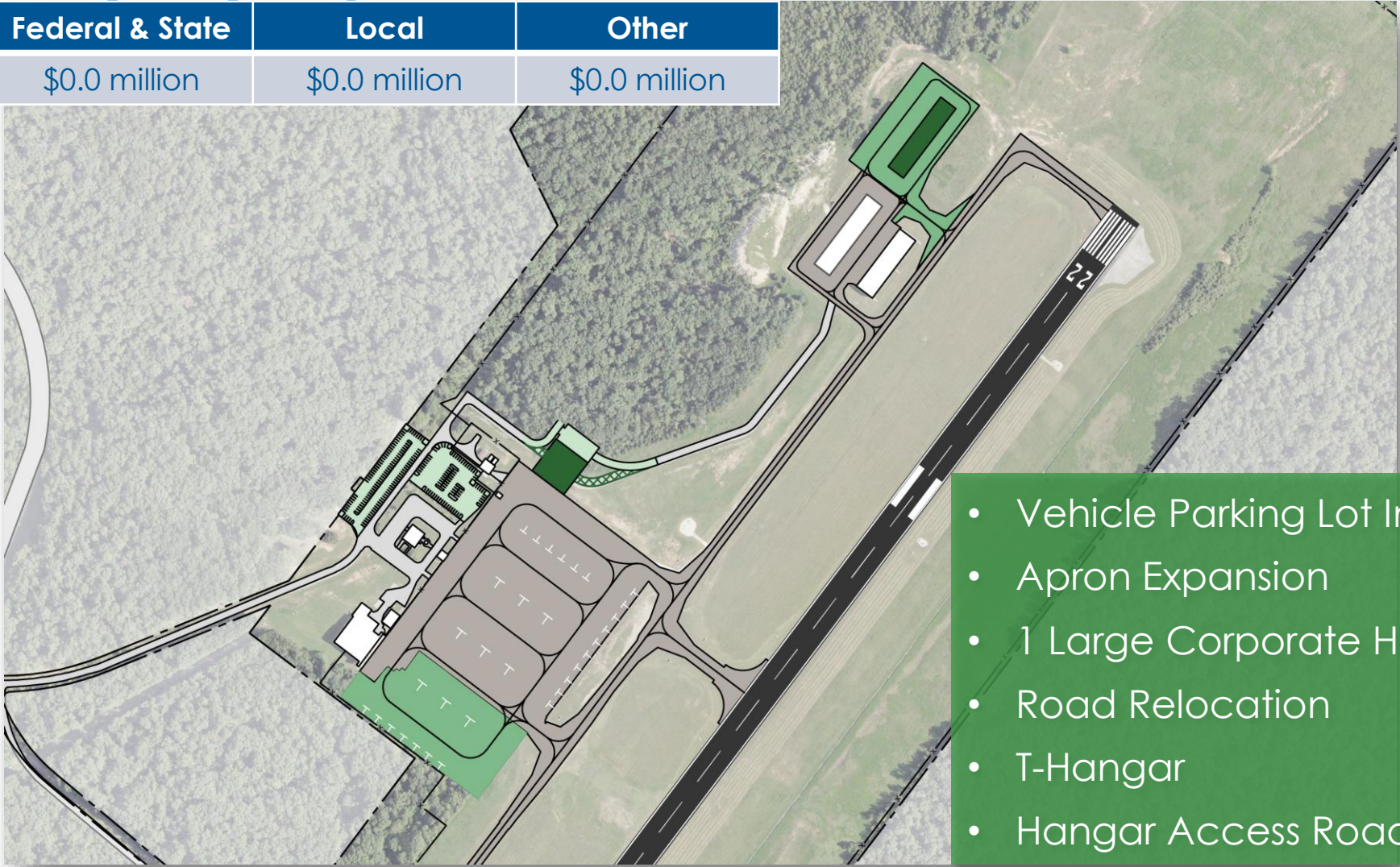
Lee C. Fine (AIZ) Implementation Plan

Planning Activity Levels (PALs):
Predetermined Demand Levels



Lee C. Fine (AIZ) Implementation Plan

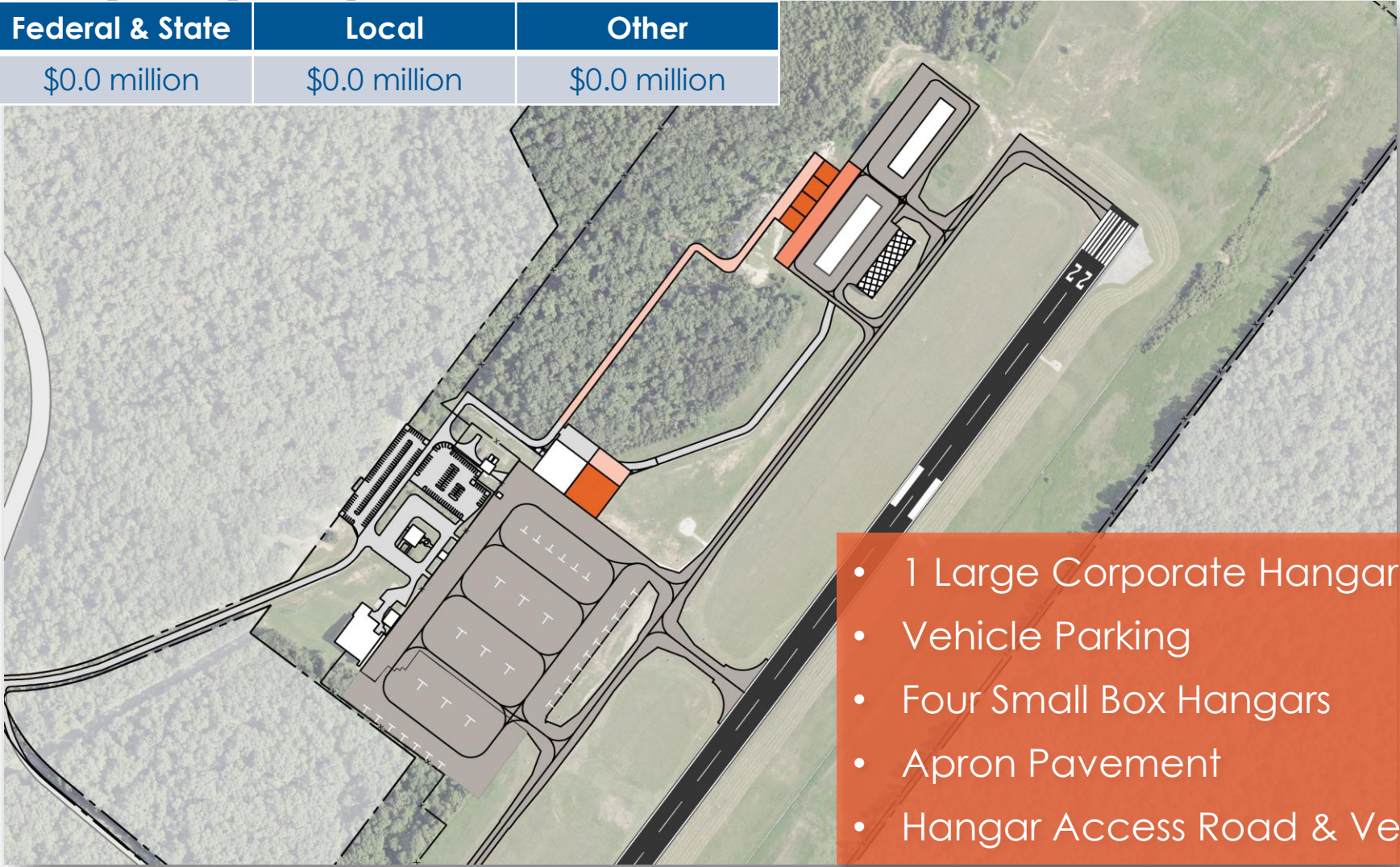
PAL 1	Federal & State	Local	Other
\$0.0 million	\$0.0 million	\$0.0 million	\$0.0 million



- Vehicle Parking Lot Improvements
- Apron Expansion
- 1 Large Corporate Hangar
- Road Relocation
- T-Hangar
- Hangar Access Road

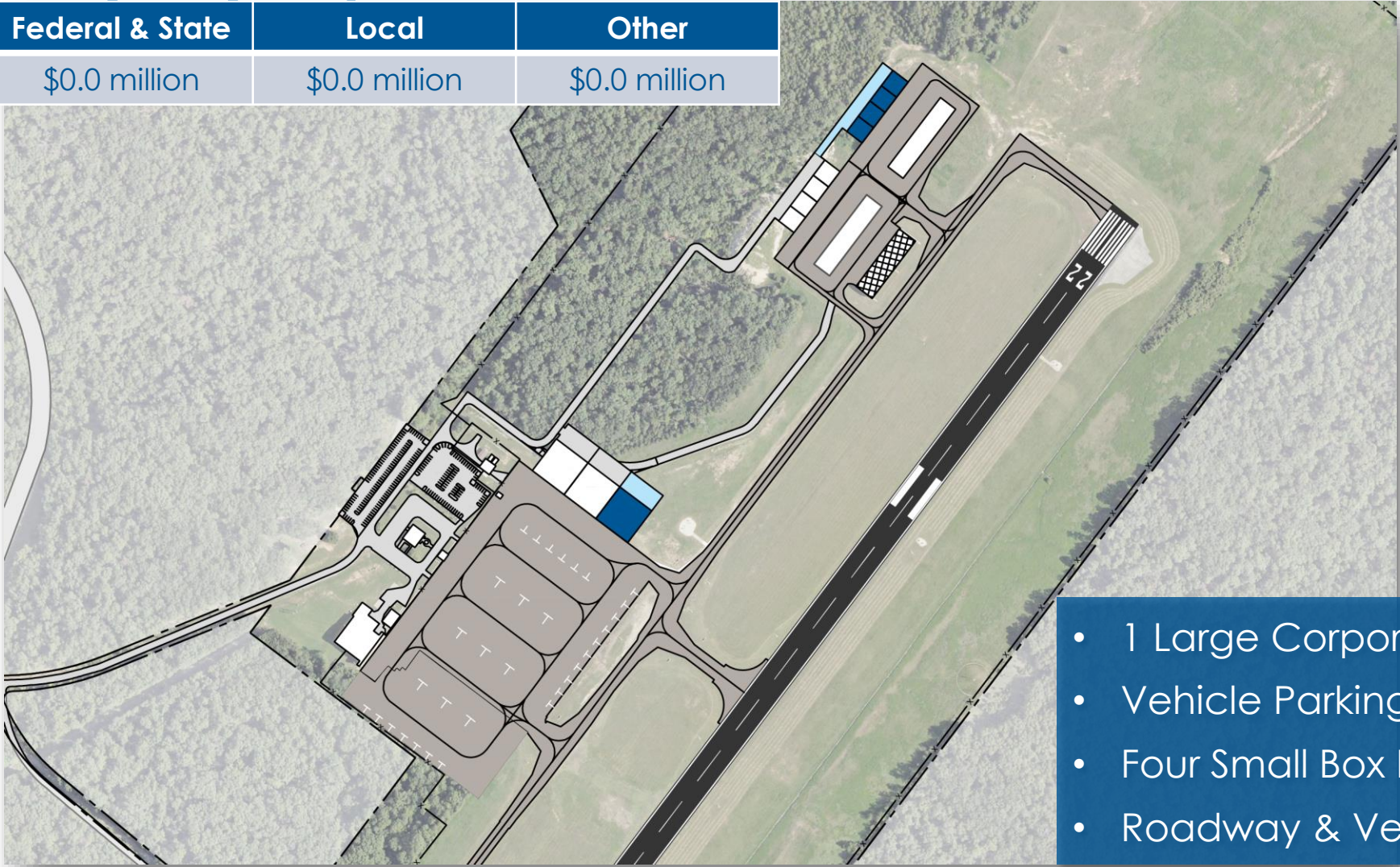
Lee C. Fine (AIZ) Implementation Plan

PAL 2	Federal & State	Local	Other
\$0.0 million	\$0.0 million	\$0.0 million	\$0.0 million



Lee C. Fine (AIZ) Implementation Plan

PAL 3	Federal & State	Local	Other
\$0.0 million	\$0.0 million	\$0.0 million	\$0.0 million



- 1 Large Corporate Hangar
- Vehicle Parking
- Four Small Box Hangars
- Roadway & Vehicle Parking

Lee C. Fine (AIZ) Implementation Plan

Post-Planning	Federal & State	Local	Other
\$0.0 million	\$0.0 million	\$0.0 million	\$0.0 million



- EVTOL Vertiport
- Six Large Corporate Hangars
- Apron Pavement
- Taxiway Pavement
- Vehicle Parking

Next Steps

- Cost Estimates
- Complete Master Plan Report
- Submit Airport Layout Plan (ALP) for MoDOT Approval
- Submit Exhibit A Property Map for MoDOT Approval

THANK YOU.

QUESTIONS?

City of Osage Beach
Agenda Item Summary

Date of Meeting: March 20, 2025
Originator: Andrew Bowman, City Engineer
Presenter: Andrew Bowman, City Engineer

Agenda Item:

Discussion - Road Petitions, Direction from the Board of Aldermen concerning what amount of upgrade from existing conditions to the City's Design Guidelines are needed for an existing road to be accepted into City Inventory.

Requested Action:

Discussion - Roadway petition and accepting roads into City Inventory.

Ordinance Referenced for Action:

Deadline for Action:

Budgeted Item:

Budget Line Information (if applicable):

Department Comments and Recommendation:

Trying to get direction and understanding on what upgrades are wanted for existing roads in order for them to be accepted by the Board of Aldermen.

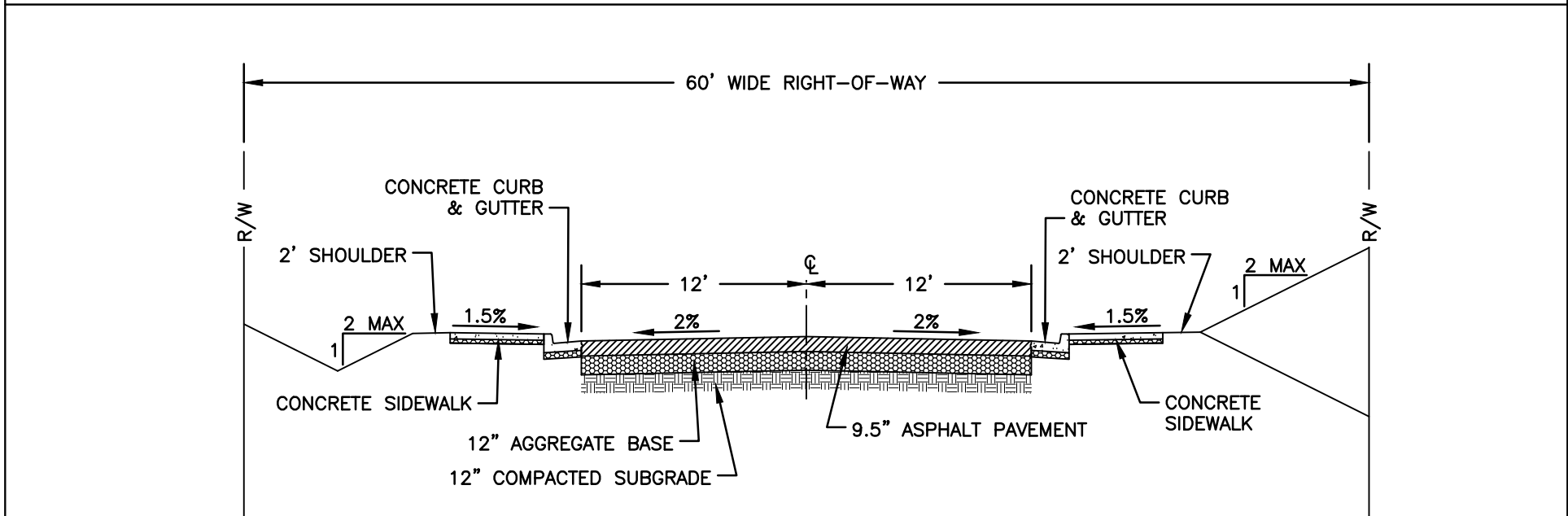
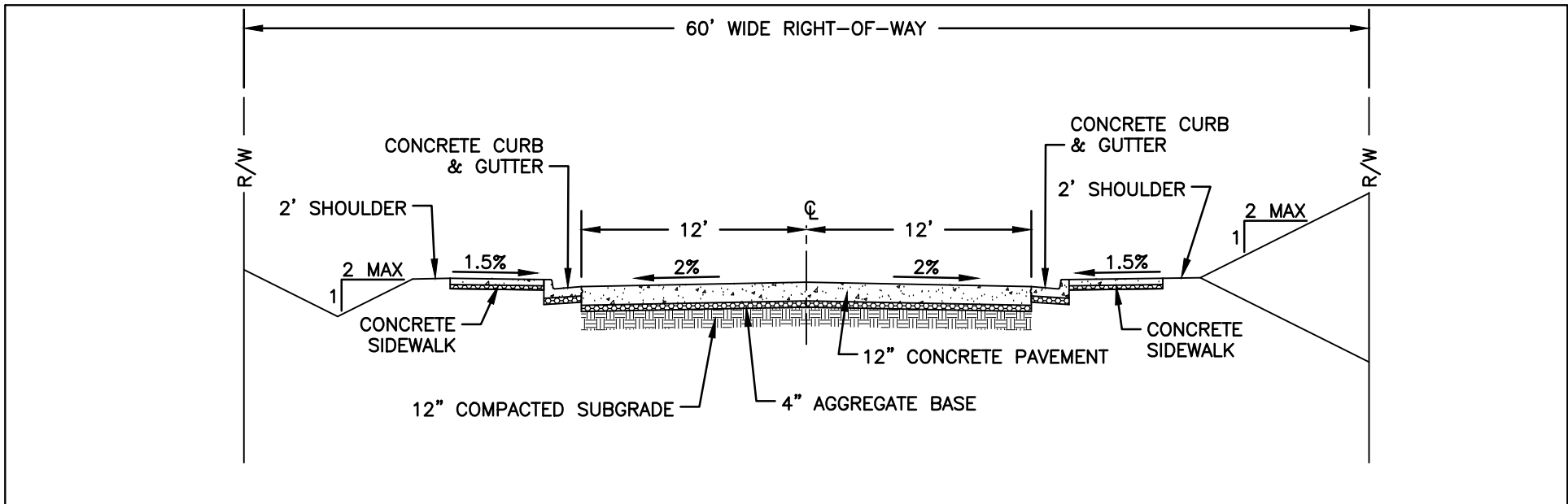
City Attorney Comments:

Not Applicable

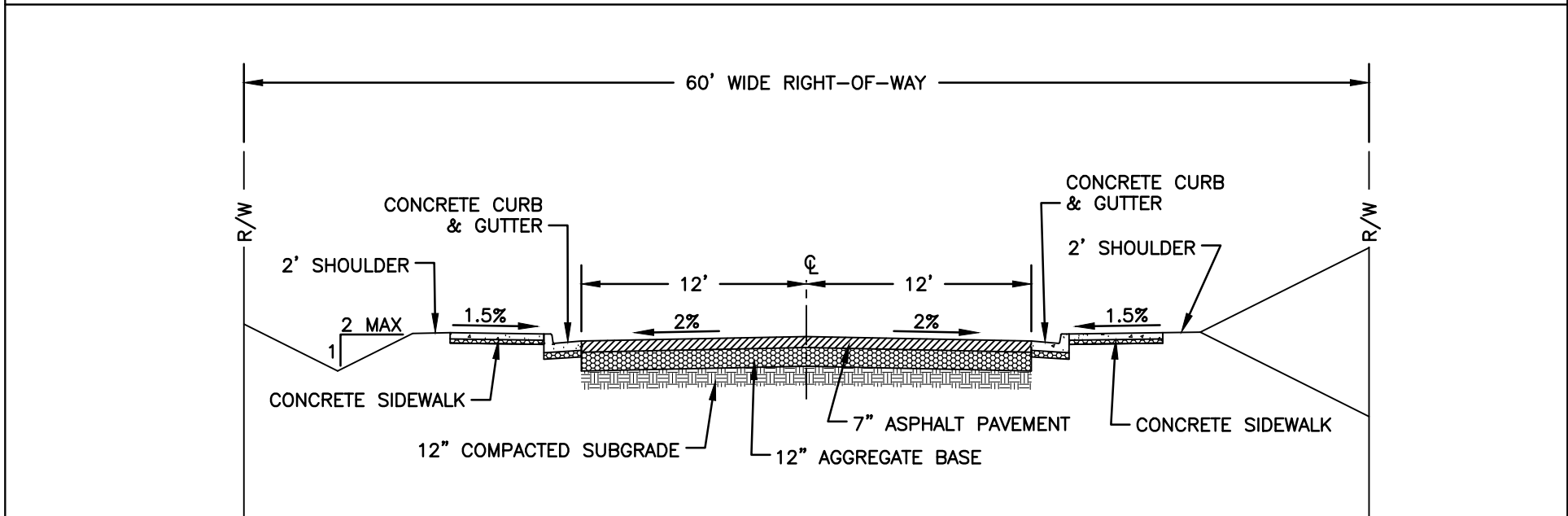
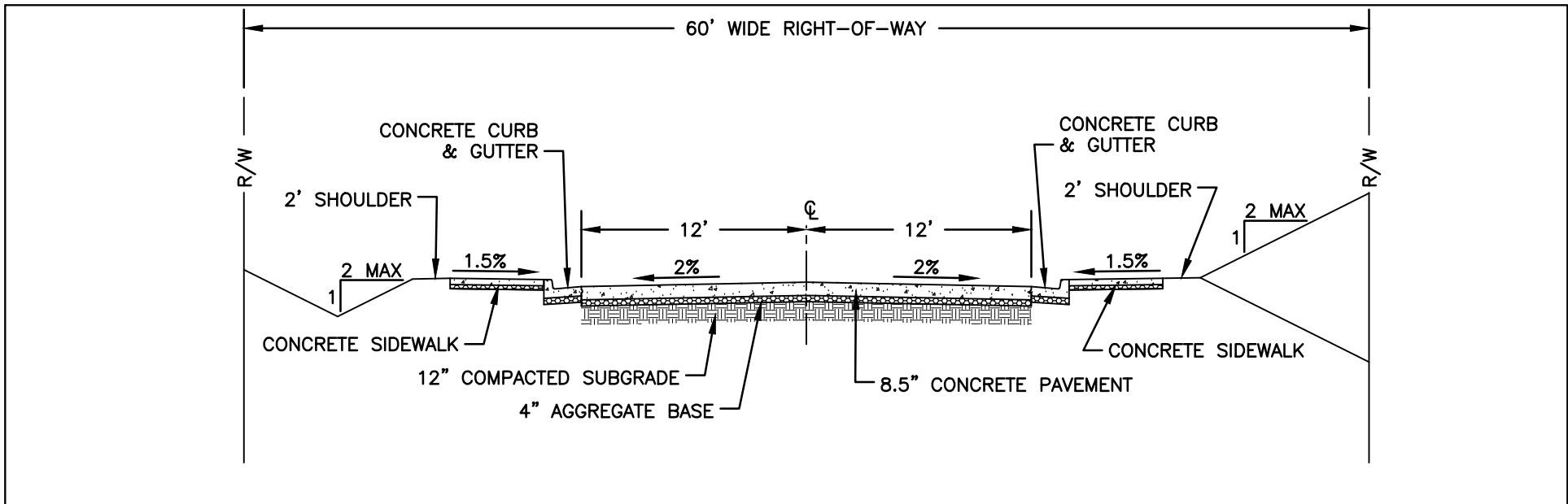
City Administrator Comments:

Design Guidelines
City of Osage Beach
SECTION 5 - ROADS, STREETS AND PARKING AREAS

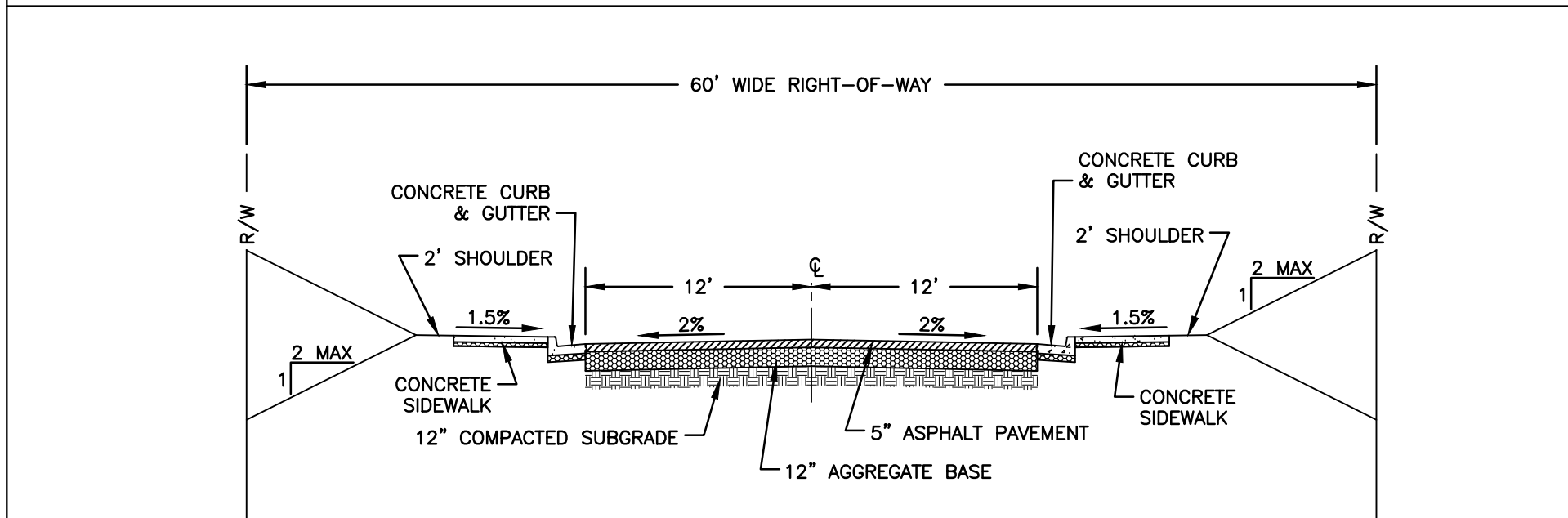
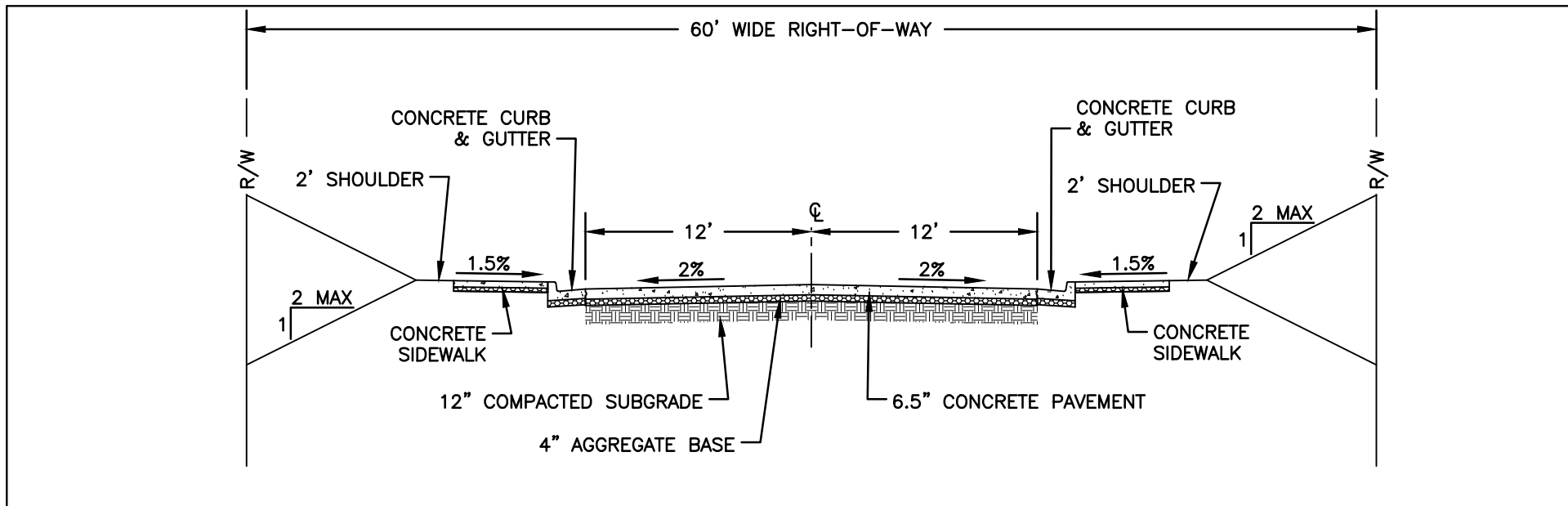
TABLE I - STREET AND ROADWAY DESIGN CRITERION									
DESIGN CRITERION	ARTERIAL			COLLECTOR		LOCAL STREET			ONE WAY
	Over 50,000 ADT	10,000 to 50,000 ADT	5,000 to 10,000 ADT	Over 3,000 ADT	1,500 to 3,000 ADT	Over 1,500 ADT	400 to 1,500 ADT	Less Than 400 ADT	Less Than 400 ADT
Design Speed (mph)	MoDOT	45	35	25	25	25	15	10	10
No. of Lanes	MoDOT	3 to 5	2	2	2	2	2	2	1
Width of Lane (ft)	MoDOT	12	12	12	12	12	10	9	14
Minimum Curve Radius (ft)	MoDOT	730	420	205	165	165	100	45*	45*
						* Minimum width of pavement is 23 ft. curb to curb			
Maximum Super Elevation	MoDOT	4%	4%	4%	0	0	0	0	0
Minimum Curve Widening, (ft) Vehicle Type WB-50	MoDOT	2	4.5	7	8	8	8	5**	5**
						** Two-way streets only - see above			
Minimum Intersection Inside Curb Radius	MoDOT	70	50	50	30	30	30	30	30
Maximum Grade	MoDOT	8%	12%	12%	12%	15%	15%***	15%***	15%***
						***Steeper grades with approval of City Engineer			
Max. K Value	MoDOT	61	29	29	19	12	12	3	3
Minimum Sight Distance	MoDOT	360	250	155	155	155	100	80	80
Structural Cross Section									
Asphaltic Concrete									
Pavement	MoDOT	9.5"	7"	5"	5"	4"	4"	4"	4"
Aggregate Base	MoDOT	12"	12"	12"	12"	10"	10"	10"	10"
Portland-Cement Concrete									
Pavement	MoDOT	12"	8.5"	6.5"	6.5"	5"	5"	5"	5"
Aggregate Base	MoDOT	4"	4"	4"	4"	4"	4"	4"	4"
Curb & Gutter	MoDOT	Option	Required	Required	Required	Required	Required	Required	Required
Sidewalk	MoDOT	Both Sides	Both Sides	Both Sides	Both Sides	One Side	One Side	One Side****	One Side****
						**** Dead end streets serving less than 10 homes - delete walk			



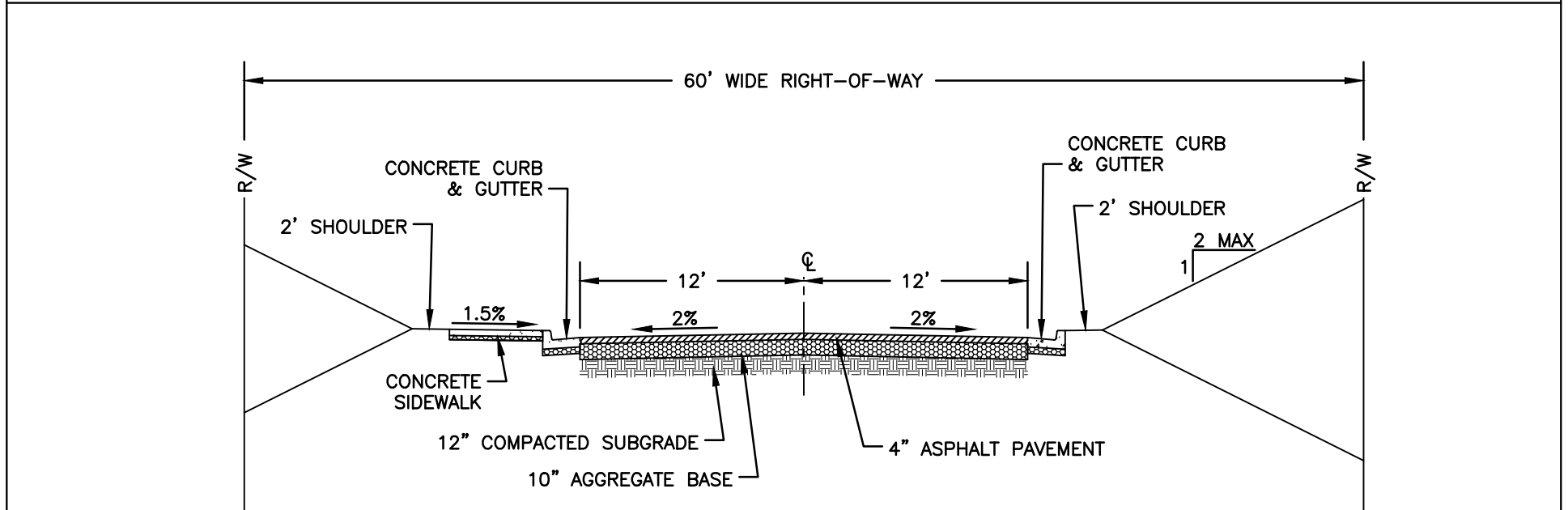
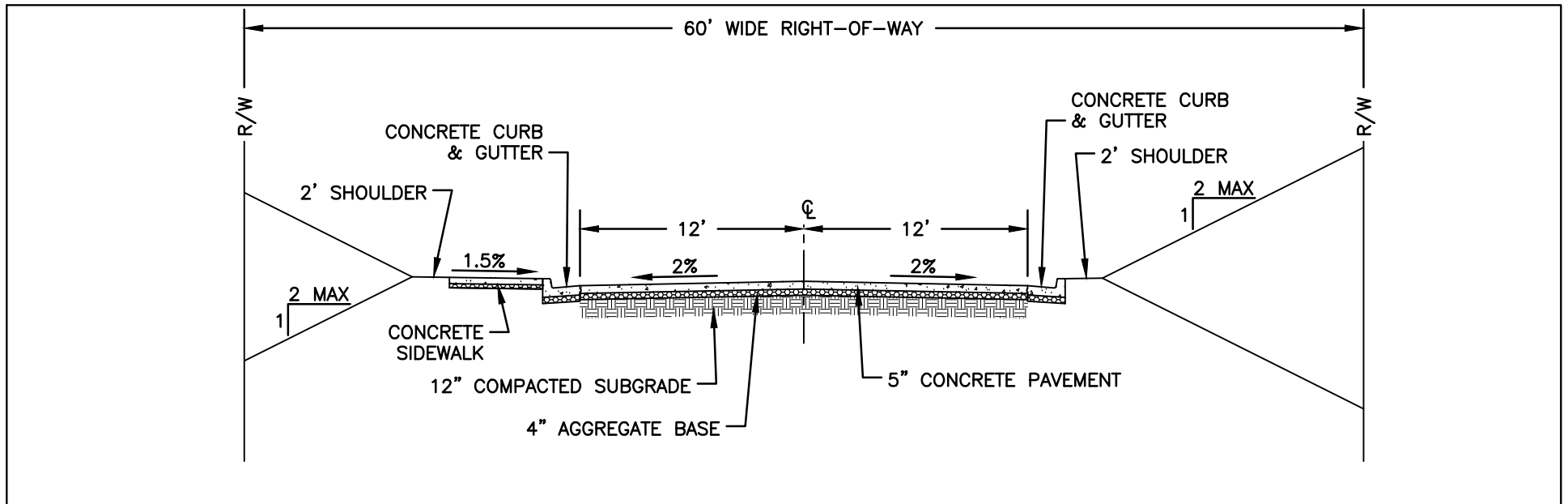
Date Revised: APRIL 2021	CITY OF OSAGE BEACH TYPICAL DETAIL ARTERIAL STREET 10,000 TO 50,000 ADT	Design Guideline: SECTION 5
By: EAH		ROADS, STREETS AND PARKING AREAS
Checked By: ---		Drawing No.: V-1



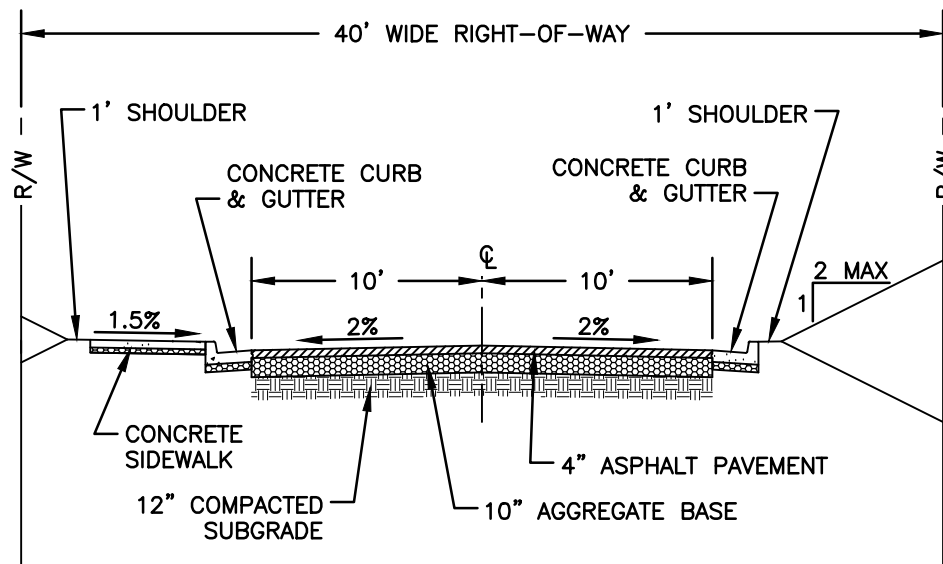
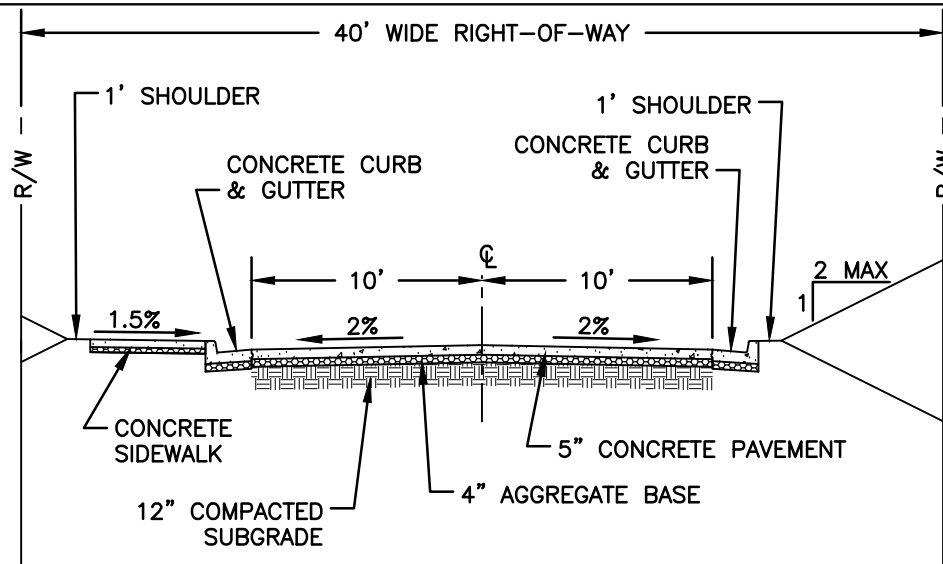
Date Revised: APRIL 2021	CITY OF OSAGE BEACH TYPICAL DETAIL ARTERIAL STREET 5,000 TO 10,000 ADT	Design Guideline: SECTION 5
By: EAH		ROADS, STREETS AND PARKING AREAS
Checked By: ---		Drawing No.: V-2



Date Revised: APRIL 2021	CITY OF OSAGE BEACH TYPICAL DETAIL COLLECTOR STREET	Design Guideline: SECTION 5
By: EAH		ROADS, STREETS AND PARKING AREAS
Checked By: ---		Drawing No.: V-3



Date Revised: APRIL 2021	CITY OF OSAGE BEACH TYPICAL DETAIL LOCAL STREET OVER 1,500 ADT	Design Guideline: SECTION 5
By: EAH		ROADS, STREETS AND PARKING AREAS
Checked By: ---		Drawing No.: V-4



Date Revised:
APRIL 2021

By:
EAH

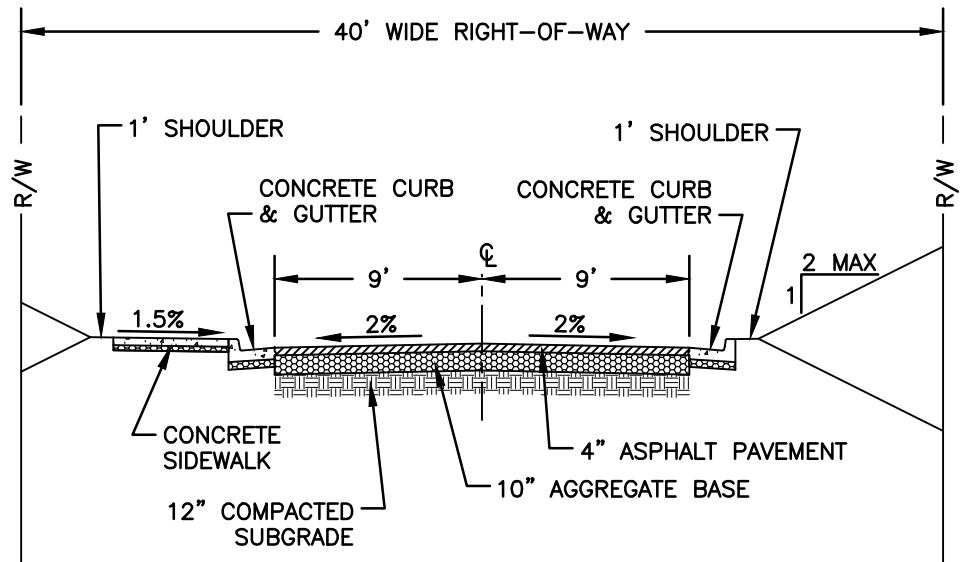
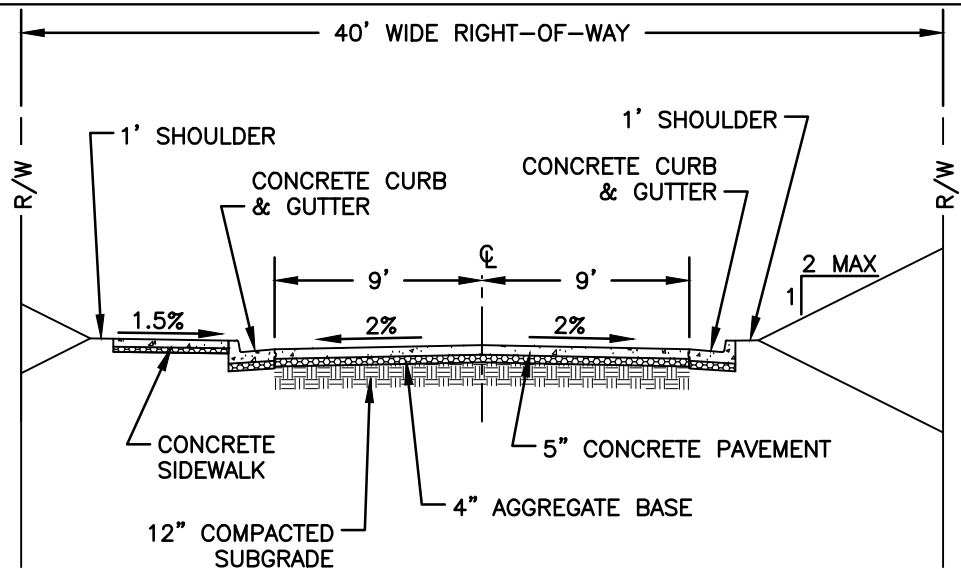
Checked By:

CITY OF OSAGE BEACH
TYPICAL DETAIL
LOCAL STREET 400 TO 1,500 ADT

Design Guideline:
SECTION 5

ROADS, STREETS AND
PARKING AREAS

Drawing No.:
V-5



Date Revised:
APRIL 2021

By:
EAH

Checked By:

CITY OF OSAGE BEACH
TYPICAL DETAIL
LOCAL STREET LESS THAN 400 ADT

Design Guideline:
SECTION 5
ROADS, STREETS AND
PARKING AREAS
Drawing No.:
V-6