



Open to the public. You may also view meetings on the City of Festus Agenda & Minutes Center:
<https://festusmo.portal.civicclerk.com/>.

I. Call to Order – Roll Call – Pledge of Allegiance

II. Approval of Consent Agenda

Items on the Consent Agenda are enacted in one motion. If separate discussion is desired, that may be removed from the Consent Agenda and placed on the regular Agenda at the request of a member of the City Council.

- a. Approval of Minutes
 - 1. February 7, 2026 - Special Meeting
 - 2. February 7, 2026 - Closed Session
 - 3. February 9, 2026 - Work Session
 - 4. February 9, 2026 - Regular Meeting
- b. Approval of Bills
- c. Correspondence

III. Remarks of Visitors

A request may be made by contacting the City Clerk's office prior to the meeting, and by completing a request form as provided. Requests to speak on agenda items must be submitted to the City Clerk no later than 2:00 PM on the day of the regular session meeting. Requests to speak on non-agenda items must be submitted to the City Clerk no later than 4:00 PM on the Wednesday prior to the regular session meeting. All comments are limited to 5 minutes.

- a. Bill Kaempfe - 2725 Meadow Lane
- b. Lori Merriman - 11530 Ten Point Lane
- c. Aaron Meyers - 516 Roy Street
- d. Sherman Doyle - 6 Glenkee Court
- e. Austin Jackson - 141 Dublin Lane
- f. Travis Layton - 2916 High Ridge Drive
- g. Anthony Hodge - 11694 Gamel Cemetery Road
- h. Alexander Bischoff - 884 Woodridge Drive
- i. Cody Vogel - 6704 Sycamore Landing
- j. Hunter Williams - 7499 Gravois Road

- k. Kirk Hilzinger - 5225 Fairview Avenue
- l. John Youmans - 921 North 4th Street
- m. Charlie Goodwin - 3303 Plattin Road
- n. Mary Fakes - 9 Cedarbrook
- o. Oscar Harrell - 1015 Utility Drive
- p. Joseph Hunt - 316 Sunshine Drive
- q. Jesse Cordova - 702 Huber Street
- r. Scott Seek - 6 Howe Crossing

IV. Bids

V. Ordinances and Resolutions

Resolution 4871.5 - A Resolution Determining The Intent Of The City Of Festus, Missouri To Reimburse Itself For Certain Capital Expenditures And Selecting Special Tax Counsel And An Underwriter In Connection With The Potential Issuance And Sale Of Obligations To Finance The Capital Expenditures.

Bill No. 4873 - An ordinance of the City Council of the City of Festus, Missouri, adopting the Standard Specifications and Details for Infrastructure Improvements, and Standard Details; amending Chapters 510, 515, and 705 of the Code of Ordinances of the City of Festus, related to Excavations; repealing all ordinances in conflict therewith; and establishing an effective date.

Bill No. 4874 - An ordinance of the City Council of the City of Festus, Missouri; authorizing the Mayor to enter into and execute an Economic Development Agreement with Olive Garden Holdings, LLC; incorporating said agreement as a part of this ordinance; and establishing an effective date.

VI. New Business

- a. 2026 Roadblock Schedule
- b. Festival Request - Twin City Little League Opening Day Parade on April 18, 2026
- c. Boards & Commissions - Library Appointment of Ashley Green
- d. Boards & Commissions - JCWA Temporary Appointment of Shain Dollar
- e. No Kings Protest on March 28, 2026 - Maranda Akers

VII. Old Business

VIII. Mayor and City Council Reports

IX. Adjourn

The following reports are included for informational purposes:

Recreation & Tourism Director's Report

March Calendar

Mayors Report

Public Works - Projects Report



The City Council of the City of Festus, Missouri, met on Monday, January 12, 2026, for a Special Meeting at 9:00 a.m. at City Hall located at 711 West Main Street, Festus, Missouri.

I. Call to Order

Mayor Richards called the meeting to order at 9:02 a.m.

Roll Call

Present:

Councilman Boyer
Councilman Collier
Councilwoman Templeton
Councilman Wehner
Councilman Dennis
Councilman Venz
Councilman Cook
Councilman Tinnin

Absent:

None

Also in attendance:

City Administrator Greg Camp, City Clerk Leah Smith, and City Attorney Brian Malone.

Pledge of Allegiance

Recited

II. Closed Session

Mayor Richards asked for a motion to enter Closed Session pursuant to Section 610.021 paragraph (1) of the Revised Statutes of the State of Missouri for the purpose of discussing legal actions, causes of action, or privileged communications between Council and legal counsel; paragraph (3) for the purpose of discussing personnel; and paragraph (13) for the purpose of discussing personnel records, performance ratings, or records pertaining to employees or applicants for employment

Motion to enter Closed Session, was made by Councilman Wehner, seconded by Councilwoman Templeton.

Vote:

Councilman Boyer: Aye



Councilman Collier: Aye
Councilwoman Templeton: Aye
Councilman Wehner: Aye
Councilman Dennis: Aye
Councilman Venz: Aye
Councilman Cook: Aye
Councilman Tinnin: Aye

Motion carried.

Council entered Closed Session at 9:03 a.m.

Council returned from Closed Session at 10:52 a.m.

III. Adjournment

Councilman Cook made a motion to adjourn, seconded by Councilman Collier.

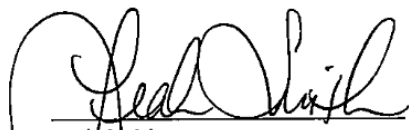
Vote:

Councilman Boyer: Aye
Councilman Collier: Aye
Councilwoman Templeton: Aye
Councilman Wehner: Aye
Councilman Dennis: Aye
Councilman Venz: Aye
Councilman Cook: Aye
Councilman Tinnin: Aye

Motion carried and the meeting was adjourned at 10:53 a.m.

2/XX/2026

Date - Approved by Council


Leah Smith
City Clerk
City of Festus, Missouri



The City Council of the City of Festus, Missouri met during a Work Session on Monday, February 9, 2026, at 5:30 p.m. at City Hall located at 711 West Main Street, Festus, Missouri.

I. Call to Order

Mayor Richards called the Work Session to order at 5:30 p.m.

Roll Call

Present:

Councilman Collier
Councilwoman Templeton
Councilman Venz
Councilman Cook
Councilman Tinnin

Absent:

Councilman Boyer
Councilman Wehner
Councilman Dennis

Also in attendance:

Mayor Samuel F. Richards, City Clerk Leah Smith, Finance Director Michelle Vaughn, Building and Planning Director Jim Walker, Public Works Director Michael Christopher, Police Chief Doug Wendel, Fire Chief Jeff Broombaugh, and City Attorney Brian Malone.

II. Mayor & City Council Discussion

Stephen Ibendahl of the i-5 Group presented a Growth Study Update since their last visit in August 2025. The study showed a 79% growth for Festus since 1970. The area studied included potential future development, county zoning and commercial areas of consideration.

Councilwoman Templeton inquired about the growth incrementally, to which Mr. Ibendahl discussed the difference between early growth and recent growth and stated it is an estimate, but does not have exact breakdown for the last 10-15 years. Councilman Tinnin inquired about future growth numbers and timeline to which Mr. Ibendahl stated that these are estimates and not on a timeline.

III. Adjournment

Councilwoman Templeton moved to close the Work Session and was seconded by Councilman Tinnin.



Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried and the work session adjourned at 5:48 p.m.

2/XX/2026

Date - Approved by Council


Leah Smith
City Clerk
City of Festus, Missouri



The City Council of the City of Festus, Missouri, met on Monday, February 9, 2026, for a Regular Meeting at 6:00 p.m. at City Hall located at 711 West Main Street, Festus, Missouri.

I. Call to Order

Mayor Richards called the meeting to order at 6:00 p.m.

Roll Call

Present:

Councilman Collier
Councilwoman Templeton
Councilman Venz
Councilman Cook
Councilman Tinnin

Absent:

Councilman Boyer
Councilman Wehner
Councilman Dennis

Also in attendance:

City Clerk Leah Smith, Finance Director Michelle Vaughn, Building and Planning Director Jim Walker, Police Chief Doug Wendel, Fire Chief Jeff Broombaugh, Public Works Director Michael Christopher, Recreation and Tourism Director Barb Lowry, and City Attorney Brian Malone.

Pledge of Allegiance

Recited

Motion to amend the consent agenda to table Bill No. 4871 and Resolution No. 4871.5, was made by Councilman Cook, seconded by Councilman Venz.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye



Councilman Tinnin: Aye

Motion carried.

II. Approval of Consent Agenda

1. Approval of the Minutes

2. Approval of Bills

Mayor Richards asked for a motion to approve the consent agenda. Mayor Richards announced the bills were in the amount of \$1,132,384.17.

Motion to approve the consent agenda, the bills, and minutes was made by Councilman Collier, seconded by Councilwoman Templeton.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried.

3. Correspondence

III. Remarks of Visitors

Mayor Richards presented the Festus Girls Cross Country Team a proclamation as State Champions, declaring February 10, 2026, as "Festus Girls Cross Country Team Day."

Mayor Richards presented Carson Driemeier of the Festus Boys Cross Country Team with a proclamation as State Champion, declaring February 11, 2026, as "Carson Driemeier Day."

- Mary Fakes, 9 Cedarbrook Drive – Spoke of transparency.
- Travis Layton, 2916 High Ridge – Spoke of water collection and use related to data centers.



- c. Dan Moore, 717 Jerome Drive – Spoke of growth and not rushing decisions.
- d. Jerry Hill, 1631 Vine School Road – Spoke of selling his farm off Plass Road if a data center is built.
- e. John Youmans, 921 North 4th Street – Distributed handouts and spoke of actions of the City Council.
- f. Erica Carter, 14 Ashford Place – Presented a resident petition and spoke of authority over decisions of the City.
- g. Rick Belleville, 801 Burns Court – Spoke of data center pollution, electric, water and grid shortage.
- h. Cody Vogel, 6704 Sycamore Landing – Spoke of data center technological advances and practicality for the future.
- i. Alexander Bischoff, 884 Woodridge Drive – Spoke of experience in studying data centers and suggested experts to help with unknown.
- j. Matt Drinen, 1332 Melvin Drive – Asked the City Council to table Bill No. 4871 with no defined user or transparency.
- k. Sherman Smith, 4300 Highway N – Spoke of experience working inside data centers.
- l. Eric Fehn, 25300 Buck Creek Road – Spoke of experience in IT and data centers.
- m. Bob DeGarmo, 150 North 5th Street – Spoke of resident petition and suggested a one-year moratorium on data centers.
- n. Oscar Harrell, 1015 Utility Drive – Encouraged the practices that made City successful.
- o. James Gerding, 468 Huntington Trails – From Local 562 and thanked the City Council for their hard work and sensible legislation.
- p. Austin Jackson, 141 Dublin Lane – Spoke of jobs a data center would provide, and the millions projected to schools and emergency services.
- q. Martin Strong, 1302 North 3rd Street – Spoke of pending litigation with City and opposes a data center.

IV. Bids

a. Police Department – Radio Upgrade

Chief Doug Wendel reported that Jefferson County 911 is upgrading its radio system, requiring the City to upgrade its base radios as well as add a third radio position while they are onsite to take advantage of discounted pricing and labor. The total cost is \$176,397.00, to be funded through a budget amendment from Public Safety capital outlay reserves, with installation anticipated this summer after not being included in the original budget due to an uncertain timeline.

Motion to approve the Jefferson County 911 bid for \$176,397.00 for radio upgrades was made by Councilwoman Templeton and seconded by Councilman Venz.



Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried.

V. Ordinances and Resolutions

Bill No. 4871 and Resolution No. 4871.5 were tabled.

Clerk Smith read the following:

Bill No. 4872 - An ordinance of the City Council of the City of Festus, Missouri; establishing a four-way stop on Central Avenue at the intersection of Ridge Avenue; and establishing the placement of sign enforcing said stop sign; and establishing an effective date.

Public Works Director Michael Christopher reported the intersection of Central Avenue and Ridge Avenue was reviewed by consultants Intuition & Logic and it was found that the sign distance at the intersection creates a warranted need for a stop sign to be installed creating a 4 way stop.

Councilman Venz inquired about Horine Road to which Mr. Christopher shared that it is still of interest and potentially part of a larger improvement project with MoDOT. Councilwoman Templeton inquired about South Mill at Walnut to which Mr. Christopher agreed that it may be a part of the same Safe Streets for All project with MoDOT.

Motion to suspend rules to read Bill No. 4872 a second time was made by Councilwoman Templeton and seconded by Councilman Tinnin.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent



Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried. Clerk Smith read Bill No. 4872 a second time.

Mayor Richards called for a vote to finally approve Bill No. 4872.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Bill 4872 finally passed.

VI. New Business

a. Annual Recognize Juneteenth - June 19, 20 and 21, 2026 (Quad City Juneteenth Committee)

Mayor Richards spoke of the Fifth Annual Juneteenth Celebration June 19-21, 2026, and asked the City Council to join him in acknowledging the holiday.

Motion to recognize the 5th Annual Juneteenth Celebration from June 19 through June 21, 2026, was made by Councilwoman Templeton, seconded by Councilman Collier.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye



Councilman Tinnin: Aye

Motion carried.

b. Festival Request – Sigurblot 2026 on April 11, 2026 (Four Brothers Meadery)

Mayor Richards spoke of how successful and respectful Four Brothers Mead are during all events held in the City. Chief Wendel had no opposition or concern.

Motion to approve the Sigurblot 2026 Festival Request on April 11, 2026, was made by Councilwoman Templeton, seconded by Councilman Venz.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried.

c. Festival Request – Twin City Mardi Gras Parade on February 14, 2026 (Taytro's)

Luke Tetrault from Taytro's spoke of the event, explaining that is the same event as last year and has met with Chief Wendel to discuss location and roadblocks.

Motion to approve the Twin City Mardi Gras Parade Festival Request on February 14, 2026, was made by Councilman Venz, seconded by Councilwoman Templeton.

Vote:

Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye



Motion carried.

VII. Old Business

None

VIII. Mayor and City Council Reports

Councilman Boyer absent.

Cook discussed a traffic study and confirmed details with Building and Planning Director Jim Walker. He noted that Mary Fakes would not find his name in Sunshine records for travel expenses because he personally paid for the trip, and he encouraged the Council to explore geothermal injection as a cooling option for data centers. He also addressed recent personal attacks, warning that more may occur, and emphasized that while he understands disagreement, he expects it to remain civil.

Councilman Collier nothing to share.

Councilwoman Templeton nothing to share.

Councilman Wehner absent.

Councilman Dennis absent.

Councilman Venz agreed with Councilman Cook with toughness and wishes the best for the City.

Councilman Tinnin disagreed with people reaching out to councilmembers families and attacking them.

Mayor Richards explained that he has been absent since December 1 due to being in Rochester, Minnesota with his wife and brother-in-law. He expressed frustration that some individuals contacted officials in Silverthorne, Colorado to complain about the City Administrator, calling it inappropriate and out of line—especially involving attacks on him and his family. He added that the situation may get worse before it improves.

IX. Adjournment

Councilman Cook made a motion to adjourn, seconded by Councilman Collier.

Vote:

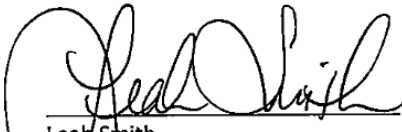


Councilman Boyer:	Absent
Councilman Collier:	Aye
Councilwoman Templeton:	Aye
Councilman Wehner:	Absent
Councilman Dennis:	Absent
Councilman Venz:	Aye
Councilman Cook:	Aye
Councilman Tinnin:	Aye

Motion carried and the meeting was adjourned at 7:48 p.m.

2/XX/2026

Date - Approved by Council


Leah Smith
City Clerk
City of Festus, Missouri



MEMO

TO: Mayor & City Council
FROM: Accounts Payable – Melissa Brown
DATE: February 23rd, 2026
RE: Warrant & Additions

Please find the attached invoice register for Monday's meeting:

<u>Report Date</u>	<u>Report Total</u>
02/20/26	\$ 360,856.35

***Total for 02/23/26 meeting warrant and addition equals \$ 360,856.35**

CITY OF FESTUS

Check Detail Register

1/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
ABOUT PLUMBING INC				
C021126D	50-3150-53300.00	Bldg./Grounds Maint.	\$287.50	HYDROJETTED - SEWER -PW REAR
	09-3100-53300.00	Bldg./Grounds Maint.	\$287.50	HYDROJETTED - SEWER -PW REAR
Total for	ABOUT PLUMBING INC		\$575.00	
ACE FLEET MAINTENANCE LLC				
000333	22-2200-55400.00	Heavy Equipment Maint	\$569.79	PRESSURE SENSOR -FFD#2009 PIERCE
Total for	ACE FLEET MAINTENANCE LLC		\$569.79	
ADVANCE AUTO PARTS				
3049604334778	22-2200-53500.00	CLEANING & TISSUE P	\$77.77	TIRE SHINE/GLASS CLEANER/BRUSHES&TOWELS
3049603681378	50-3150-55350.00	LIGHT EQUIPMENT &	\$24.08	OIL & CABIN FILTERS - 50% SPLIT
	09-3100-55350.00	LIGHT EQUIPMENT &	\$24.07	OIL & CABIN FILTERS - 50% SPLIT
3049603481217	09-3100-55350.00	LIGHT EQUIPMENT &	\$8.84	(2) SPARK PLUGS - CONCRETE SAWS
Total for	ADVANCE AUTO PARTS		\$134.76	
AIRESPRING INC.				
206008803	50-3110-54200.00	Telephone	\$394.04	50% DUAL INTERNET SERVICE - WATER
	01-1000-54200.00	Telephone	\$197.02	25% DUAL INTERNET SERVICE - ADMIN
	21-2100-54200.00	Telephone	\$197.02	25% DUAL INTERNET SERVICE - POLICE
Total for	AIRESPRING INC.		\$788.08	
ALL WEATHER SEWER SERV INC				
26-0200	04-4000-55500.00	Equipment Rent	\$1080.00	CRITES PARK SIDE - 02/6/26 - 03/5/26
26-0207	04-4000-55500.00	Equipment Rent	\$540.00	SPORTS COMPLEX -02/13/26-03/12/26
Total for	ALL WEATHER SEWER SERV INC		\$1620.00	
AMEREN MISSOURI				
12510-41045 1/26	04-4000-53100.00	Electricity	\$22.76	01618-19118 CRITES FAIRGROUNDS
	01-2300-53100.00	Electricity	\$27.61	01710-80020 AM. LEGION EMERGENCY SIREN
	01-2300-53100.00	Electricity	\$27.61	02430-65008 NATCHEZ DR EMERGENCY SIREN
	02-2000-53100.00	Electricity	\$374.67	02751-56019 ANIMAL CONTROL KENNEL
	01-2300-53100.00	Electricity	\$12.30	03261-02113 ST MARY'S LN EMERGENCY SIREN
	22-2200-53100.00	Electricity	\$704.36	05012-19111 FIREHOUSE
	04-4000-53100.00	Electricity	\$14.70	06110-92021 SCHNEIDER PARK
	50-3120-53100.00	Electricity	\$698.83	07151-13007 WELL #10
	01-3200-53100.00	Electricity	\$48.88	07230-13182 PARK DR PANEL
	01-3200-53100.00	Electricity	\$91.97	07710-06297 S MILL STREET LIGHTS
	01-1000-53100.00	Electricity	\$48.62	08080-67006 W. MAIN ST CLOCK
	01-3200-53100.00	Electricity	\$191.52	08902-19118 711 W MAIN REAR BLDG (GYM)
	04-4000-53100.00	Electricity	\$14.37	10013-19110 S 4TH ST PARK

CITY OF FESTUS

Check Detail Register

2/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	04-4000-53100.00	Electricity	\$22.23	11618-19117 NS OLD HWY A MO PAC RR
	01-3200-53100.00	Electricity	\$14.37	13671-29017 223 E MAIN
	50-3150-53100.00	Electricity	\$98.05	15013-18110 SWC BRIERTON & S 3RD
	04-4000-53100.00	Electricity	\$103.98	18902-19117 NEC W MAIN & PARK
	04-4000-53100.00	Electricity	\$13.72	21111-38008 CRITES MEMORIAL PARK
	50-3120-53100.00	Electricity	\$24.01	21220-92009 2530 N TRUMAN METER VAULT
	04-4000-53100.00	Electricity	\$265.76	21618-19125 2245 SUNSHINE DR BARN
	01-2300-53100.00	Electricity	\$27.61	23411-32007 POUNDS RD ALM - GREENBRIER
	50-3120-53100.00	Electricity	\$249.90	27110-01811 WELL #8
	04-4000-53100.00	Electricity	\$40.92	27740-86005 CRITES PARK STAGE 2
	04-4000-53100.00	Electricity	\$14.37	27771-33001 1800 GAMEL CEMETERY
	04-4000-53100.00	Electricity	\$210.38	29100-28042 2253 SUNSHINE DR SHOP
	01-3200-53100.00	Electricity	\$94.73	29670-23010 AM. LEGION STREET LIGHTS
	04-4000-53100.00	Electricity	\$16.87	31618-19115 LUDWIG
	50-3150-53100.00	Electricity	\$220.79	31843-07116 N MILL TANK
	04-4000-53100.00	Electricity	\$142.85	32013-19114 S ADAMS PARK
	04-4000-53100.00	Electricity	\$310.36	33902-19116 700 E AVE
	01-3200-53100.00	Electricity	\$30.58	36390-00173 N 3RD PANEL
	01-3200-53100.00	Electricity	\$47.80	36931-14057 ST MARYS STREET LIGHTS
	01-3200-53100.00	Electricity	\$40.53	38790-07016 W GANNON STREET LIGHTS
	04-4000-53100.00	Electricity	\$14.37	40350-00011 CLYDE ST PARK
	50-3150-53100.00	Electricity	\$70.36	40748-07113 GAMEL CEM & HWY CC
	04-4000-53100.00	Electricity	\$301.21	41618-19114 2250 OLD HWY A BALLFIELD
	01-3200-53100.00	Electricity	\$37.18	43971-14063 1189 GANNON STREET LIGHT
	01-3200-53100.00	Electricity	\$43.09	47113-16114 HAUGE & ALLEY - MAIN ST
	50-3150-53100.00	Electricity	\$22.23	51331-62008 BRADLEY ST TOWER
	04-4000-53100.00	Electricity	\$82.24	57902-18125 PUSATERI FIELD
	04-4000-53100.00	Electricity	\$279.31	58748-05117 S MILL PICKLEBALL COURTS
	01-3200-53100.00	Electricity	\$40.81	59791-30003 1400 WESTVALE STREET LIGHT
	50-3150-53100.00	Electricity	\$400.96	71943-00118 909 N MILL
	50-3110-53100.00	Electricity	\$678.43	72612-14110 PUBLIC WORKS REAR 50% WATER
	09-3100-53100.00	Electricity	\$678.44	72612-14110 PUBLIC WORKS REAR 50% STREET
	04-4000-53100.00	Electricity	\$18.38	74660-41007 CRITES PARK
	50-3150-53100.00	Electricity	\$227.23	75100-02410 BUCK CREEK/POUNDS
	04-4000-53100.00	Electricity	\$242.94	75612-13123 SUNSET PARK WEST AVE
	50-3150-53100.00	Electricity	\$51.69	76843-09119 1030 SCENIC LARGE TANK
	04-4000-53100.00	Electricity	\$187.98	80618-19112 2240 HWY A PARK SHED
	04-4000-53100.00	Electricity	\$123.12	80950-08148 2221 SUNSHINE PARK FIELD
	01-5100-53100.00	Electricity	\$192.79	81643-05124 500 RIDGE
	50-3150-53100.00	Electricity	\$327.76	86290-44006 GAMEL CEMETERY/POUNDS
	01-3200-53100.00	Electricity	\$49.75	87431-03003 610 COLLINS STREET LIGHT
	04-4000-53100.00	Electricity	\$152.82	90618-19111 CRITES PARK FAIRGROUNDS
	01-3200-57620.00	Rental Building Expens	\$23.40	96213-15157 410 W MAIN
	03-5500-53100.00	Electricity	\$704.41	41500-02150 400 W MAIN
	04-4000-53100.00	Electricity	\$16.08	99261-09114 N 5TH & PARK ST
	01-3200-53100.00	Electricity	\$56.96	01470-16332 901 W MAIN

CITY OF FESTUS

Check Detail Register

3/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	01-3200-53100.00	Electricity	\$141.71	01851-21049 606 W MAIN
	01-3200-57620.00	Rental Building Expens	\$0.00	76213-15195- 406 W MAIN - RENTAL BUILD
Total for	AMEREN MISSOURI		\$9433.66	
ARNOLD READY MIX				
55577	50-3150-59999.00	Other Capital Outlay	\$997.50	5 CY CONCRETE - BEFFA & MAPLE
55566	50-3150-59999.00	Other Capital Outlay	\$1995.00	10CY CONCRETE - BEFFA & MAPLE
55650	09-3100-57920.00	Sidewalks	\$510.00	2 CY CONCRETE - 1533 WESTVALE DR
Total for	ARNOLD READY MIX		\$3502.50	
AT&T (5001)				
3141231090 2/26	01-1600-54200.00	Telephone	\$13.89	MONTHLY CIRCUIT FEES-3141231090 - BLDG
	09-3100-54200.00	Telephone	\$13.89	MONTHLY CIRCUIT FEES-3141231090 - STREET
	50-3110-54200.00	Telephone	\$13.90	MONTHLY CIRCUIT FEES-3141231090 - WATER
	04-4000-54200.00	Telephone	\$13.90	MONTHLY CIRCUIT FEES-3141231090 - PARK
Total for	AT&T (5001)		\$55.58	
AT&T MOBILITY				
287293750060 1/26	21-2100-54200.00	Telephone	\$1479.34	POLICE TOUGHBOOKS JAN 26
Total for	AT&T MOBILITY		\$1479.34	
AUTOZONE INC				
00374391445	22-2200-56450.00	Tools	\$7.91	HYDRAULIC OIL - FOR FIRE HOSE
Total for	AUTOZONE INC		\$7.91	
BAUMAN OIL DISTRIBUTORS, INC				
433476	21-2100-55100.00	Gas, Oil & Antifreeze	\$588.81	202.3 GALLONS DIESEL
443474	21-2100-55100.00	Gas, Oil & Antifreeze	\$708.40	243.10 GALLONS DIESEL
437440	21-2100-55100.00	Gas, Oil & Antifreeze	\$886.21	366.8 GAL -UNLEADED
440339	21-2100-55100.00	Gas, Oil & Antifreeze	\$729.03	305.5 GAL -UNLEADED
433464	21-2100-55100.00	Gas, Oil & Antifreeze	\$865.06	363.1 GAL -UNLEADED
436546	21-2100-55100.00	Gas, Oil & Antifreeze	\$556.33	235.2 GAL -UNLEADED
435269	21-2100-55100.00	Gas, Oil & Antifreeze	\$428.35	184.5 GAL -UNLEADED
448468	21-2100-55100.00	Gas, Oil & Antifreeze	\$1042.96	442.2 GAL -UNLEADED
443459	21-2100-55100.00	Gas, Oil & Antifreeze	\$1102.46	461.1 GAL -UNLEADED

CITY OF FESTUS

Check Detail Register

4/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
Total for		BAUMAN OIL DISTRIBUTORS, INC	\$6907.61	
BLACKSTONE PUBLISHING				
2224896				
	03-5500-56220.00	AV Materials	\$39.99	THE FINAL SCORE
	03-5500-56220.00	AV Materials	\$31.99	MY HUSBANDS WIFE
Total for		BLACKSTONE PUBLISHING	\$71.98	
JOHN DEERE FINANCIAL(BUCHHEIT)				
87848534				
	01-5100-55100.00	Gas, Oil & Antifreeze	\$46.99	HIGH TEMP OIL - AIR COMPRESSOR - SHOP
87851981				
	02-2000-53300.00	Bldg./Grounds Maint.	\$24.98	CABLE TIES & EYE BOLTS - BANNERS
87850055				
	09-3100-56400.00	Uniforms	\$56.24	JEANS - DOYLE, MATT
87852744				
	50-3150-56400.00	Uniforms	\$383.88	BOOTS/TSHIRTS/SWTSHIRTS- SLABBY, NEAL
87852213				
	50-3150-56400.00	Uniforms	\$44.97	JACKET - RUNDEL 60%
	50-3110-56400.00	Uniforms	\$18.74	JACKET - RUNDEL 25%
	50-3120-56400.00	Uniforms	\$11.24	JACKET - RUNDEL 15%
87855434				
	50-3150-56400.00	Uniforms	\$62.07	SHORTS - BRIDGES, JACK
	01-0000-13900.00	Accounts Receivable Ot	\$82.89	UNIFORM OVERAGE - BRIDGES , JACK
Total for		JOHN DEERE FINANCIAL(BUCHHEIT)	\$732.00	
BURNES CITADEL SECURITY CO, INC.				
247504				
	04-4000-53300.00	Bldg./Grounds Maint.	\$114.00	NEW MAINT SHED - 03/01/26-05/31/26
	04-4000-57700.00	Concession Stand Expe	\$105.00	CONCESSION - 03/01/26-05/31/26
	50-3150-53300.00	Bldg./Grounds Maint.	\$78.00	SCADA SYSTEM- 03/01/26-05/31/26
	50-3120-53310.00	Well Bldg. Maintenance	\$114.00	WELL HOUSE #10 - 03/01/26-05/31/26
	01-5100-53300.00	Bldg./Grounds Maint.	\$108.00	500 RIDGE - 03/01/26-05/31/26
	04-4000-53300.00	Bldg./Grounds Maint.	\$168.00	BARN - 03/01/26-05/31/26
Total for		BURNES CITADEL SECURITY CO, INC.	\$687.00	
TRAVIS BYERS				
26-POST CRITICAL SEI				
	21-2150-57010.00	Travel,Training & Lodgi	\$322.94	MILEAGE- POST CRITCAL INCIDENT SEIM
Total for		TRAVIS BYERS	\$322.94	
MICHAEL CAVANESS				
12269 *REIMB*				
	21-2100-52600.00	Uniform Allowance Exp	\$64.50	PATCHS CHANGED OUT - CAVANESS, M
Total for		MICHAEL CAVANESS	\$64.50	
CENTER POINT LARGE PRINT				
2224514				
	03-5500-56200.00	Books	\$24.57	CHRISTIAN SERIES -MAIL ORDER DUCHESS
	03-5500-56200.00	Books	\$24.57	CHRISTIAN SERIES - TRACK OF COURAGE
	03-5500-56200.00	Books	\$25.77	MYSTERY - WHERE HE LEFT ME

CITY OF FESTUS

Check Detail Register

5/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	03-5500-56200.00	Books	\$25.77	MYSTERY -THE KILLER QUESTION
	03-5500-56200.00	Books	\$24.57	ROMANCE - THE CHARMED LIBRARY
	03-5500-56200.00	Books	\$24.57	ROMANCE - SINCE THE DAY WE KISSED
Total for	CENTER POINT LARGE PRINT		\$149.82	
CHUCKS ACQUISITION COMPANY LLC DBA				
I3-0007373	50-3150-56400.00	Uniforms	\$437.93	BOOTS/PANTS - BRIDGES, JACK
Total for	CHUCKS ACQUISITION COMPANY LLC DBA		\$437.93	
CITY OF CRYSTAL CITY				
1/26 AMEREN LEVEE	11-1111-53100.00	Electricity	\$315.97	JAN-26 - 50% AMEREN INVOICE-LEVEE
Total for	CITY OF CRYSTAL CITY		\$315.97	
CLUB CAR WASH OPERATING LLC				
INV11917	21-2100-55300.00	Vehicle Maintenance	\$300.00	(30) CARS WASHES -POLICE DEPARTMENT
	22-2200-55350.00	LIGHT EQUIPMENT &	\$20.00	(2) CAR WASHES - FIRE DEPARTMENT
Total for	CLUB CAR WASH OPERATING LLC		\$320.00	
COMMERCE BANK-COMMERCIAL CARDS				
BROOMBAUGH 2/26	22-2200-57010.00	Travel,Training & Lodgi	\$88.00	FIRE & EMERGENCY SERVICES INSTRUCTOR
	22-2200-57010.00	Travel,Training & Lodgi	\$100.00	CLASS FOR SPRINKLER BEST PRACTICES
	22-2200-57995.00	Employee Appreciation	\$755.95	(2) POLISHED BRASS FIREFIGHTER AXE-ART
PRUNEAU 2/26	09-3100-57999.00	Other Misc. Special Exp	\$64.26	SNOW PLOW FOOD - 1/24/26
	50-3150-57999.00	Other Misc. Special Exp	\$64.27	SNOW PLOW FOOD - 1/24/26
	01-5100-53300.00	Bldg./Grounds Maint.	\$202.91	HEATER #2 REPAIR CONTROL BOARD
	09-3100-56450.00	Tools	\$31.46	CABLE TIES/CIR TESTER/INP EXT
	50-3150-55400.00	Heavy Equipment Maint	\$200.00	WHEEL/RIM - PW#67225
	09-3100-55400.00	Heavy Equipment Maint	\$200.00	WHEEL/RIM - PW#67225
RUNDEL 2/26	50-3150-57999.00	Other Misc. Special Exp	\$28.94	SOAP & SHAMPOO
	50-3150-56460.00	Safety Supplies	\$56.52	(2) IBPROFIN & (2) ANTIACID TABLETS
	50-3110-54300.00	Office Supplies	\$17.12	(2) CLIPBOARDS
	50-3150-56400.00	Uniforms	\$67.53	60% BOOTS - RUNDEL
	50-3120-56400.00	Uniforms	\$16.88	15% BOOTS - RUNDEL
	50-3110-56400.00	Uniforms	\$28.14	25% BOOTS - RUNDEL
LOWRY 2/26	01-3200-57995.00	Employee Appreciation	\$310.83	HARRIS RETIREMENT PARTY -PIZZA HUT
	01-3200-57995.00	Employee Appreciation	\$138.00	HARRIS RETIREMENT PARTY - PASTA HOUSE
	01-3200-57995.00	Employee Appreciation	\$128.59	HARRIS RETIREMENT PARTY -WALMART
	01-3200-57995.00	Employee Appreciation	\$170.31	HARRIS RETIREMENT PARTY -POGS
	01-3200-57995.00	Employee Appreciation	\$157.41	HARRIS RETIREMENT PARTY -DOMINOS
	01-3200-57995.00	Employee Appreciation	\$146.62	HARRIS RETIREMENT PARTY - CASEYS
	01-3200-57995.00	Employee Appreciation	\$105.76	HARRIS RETIREMENT PARTY -IMOS

CITY OF FESTUS

Check Detail Register

6/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	21-2100-52600.00	Uniform Allowance Exp	\$89.99	SHOES -GAMM
	21-2100-52600.00	Uniform Allowance Exp	\$26.19	PATCH - GAMM
	21-2100-52600.00	Uniform Allowance Exp	\$7.98	PATCH - HART
	21-2100-53500.00	CLEANING & TISSUE P	\$46.65	WINDEX
	21-2100-57390.00	DETECTIVE & CRIMINA	\$22.33	GUN LIGHT BATTERIES
	21-2100-57000.00	DUES, LICENSES & PER	\$55.00	HOMICIDE INVEST DUES
	21-2100-53500.00	CLEANING & TISSUE P	\$29.10	CLEANER
	21-2100-53500.00	CLEANING & TISSUE P	\$41.84	TRASH BAGS
	21-2100-53500.00	CLEANING & TISSUE P	\$82.57	WIPES
	21-2100-53500.00	CLEANING & TISSUE P	\$75.28	TOILET CLEANER /TRASH BAGS
	01-0000-13900.00	Accounts Receivable Ot	\$18.22	UNIFORM OVERAGE - HART
	01-0000-13900.00	Accounts Receivable Ot	\$26.20	UNIFORM OVERAGE - STUDYVIN
	21-2100-52600.00	Uniform Allowance Exp	\$26.19	PATCH - HOUSTON
	21-2100-53500.00	CLEANING & TISSUE P	\$62.99	PAPER TOWELS
	21-2100-54300.00	Office Supplies	\$21.70	FOLDERS
	21-2100-55350.00	LIGHT EQUIPMENT &	\$57.00	RED SECURITY SEALS
	21-2100-54300.00	Office Supplies	\$29.97	WALL CALENDARS SROS
	21-2100-52600.00	Uniform Allowance Exp	\$233.03	UNIFORMS -PIPPIN
	21-2100-52600.00	Uniform Allowance Exp	\$26.20	PATCH - DUFFNER
	21-2100-52600.00	Uniform Allowance Exp	\$26.20	PATCH - BUEHNER
	21-2100-52600.00	Uniform Allowance Exp	\$47.27	UNIFORMS - DRUMMOND
	21-2100-52600.00	Uniform Allowance Exp	-\$19.79	UNIFORM - DRUMMOND -RETURN
	21-2100-57390.00	DETECTIVE & CRIMINA	\$54.81	ELIMINATION KIT FORM
	21-2100-52600.00	Uniform Allowance Exp	\$39.99	UNDER SHIRTS - WENDEL
	21-2100-57390.00	DETECTIVE & CRIMINA	\$188.66	EVIDENCE KIT SUPP
	21-2100-59999.00	Other Capital Outlay	\$902.08	CRASH PAD
	21-2100-54300.00	Office Supplies	\$25.64	TRAFFIC UNIT CORK BOARD
	21-2100-53500.00	CLEANING & TISSUE P	\$16.99	WIPES
	21-2100-57010.00	Travel,Training & Lodgi	\$250.00	CHIEF REG FOR MPSCC CONF
	21-2150-57010.00	Travel,Training & Lodgi	\$250.00	MPSCC CONF - STEPHANIE
	21-2100-52600.00	Uniform Allowance Exp	\$13.99	BELT LOOPS -DUFFNER
	21-2100-54300.00	Office Supplies	\$49.99	SPACE HEATER - SGT OFFICE
	21-2100-54300.00	Office Supplies	\$478.46	INK FOR WENDEL & PIPPIN PRINTER
BROWN 2/26	01-1600-57100.00	Advertising	\$445.48	PUBLIC HEARING -STL POST
	50-3110-56460.00	Safety Supplies	\$116.06	EAR PLUGS
	50-3110-54300.00	Office Supplies	\$12.80	BILL MARKING PEN
	09-3100-56400.00	Uniforms	\$25.54	2 HOODIES - KINDER, PAT
	01-1000-54300.00	Office Supplies	\$238.50	LABOR POSTER
	01-1600-54300.00	Office Supplies	\$27.99	CLOCK FOR HEATHER
	01-1000-53500.00	CLEANING & TISSUE P	\$132.50	PAPER TOWELS
	02-2000-56300.00	Pound Supplies	\$165.17	GLAD/LYSOLK/TIDE
	01-1000-54300.00	Office Supplies	\$103.76	W2 ENVELOPES
	50-3110-54300.00	Office Supplies	\$116.97	50% COFFEE/CREAMER/KNIVES/PLATES/KETCHUP
	09-3100-54300.00	Office Supplies	\$116.97	50% COFFEE/CREAMER/KNIVES/PLATES/KETCHUP
	01-1000-54300.00	Office Supplies	\$12.80	BILL MARKING PENS

CITY OF FESTUS

Check Detail Register

7/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	01-5100-54300.00	Office Supplies	\$238.50	LABOR POSTER
	04-4000-54300.00	Office Supplies	\$238.50	LABOR POSTER
	01-1000-57010.00	Travel,Training & Lodgi	\$10.00	SKILL CAT - PAUL TRAINING CERTS
	02-2000-54300.00	Office Supplies	\$6.40	BILL MARKING PEN
	09-3100-56460.00	Safety Supplies	\$116.06	EAR PLUGS
	01-1000-54300.00	Office Supplies	\$48.20	GREEN HARD STOCK PAPER - SAGO
	50-3110-54300.00	Office Supplies	\$36.38	CLIP BOARDS - WATER DEPARTMENT
	09-3100-56460.00	Safety Supplies	\$439.00	SAFETY GLOVES - HOMELESS CAMP CLEAN UP
	50-3110-54300.00	Office Supplies	\$49.99	COUNTERFEIT BILL DETECTOR
	04-4000-55350.00	LIGHT EQUIPMENT &	\$71.98	THROTTLE CABLE - MOWER
	01-5100-56306.00	VEHICLE STOCK SUPPL	\$21.98	TIRE PLUGS
	50-3110-54300.00	Office Supplies	\$27.99	CLOCK FOR WATER DEPARTMENT
	02-2000-54300.00	Office Supplies	\$238.50	LABOR POSTER
	04-4000-54300.00	Office Supplies	\$9.99	PARKS CALANDER
	01-1000-57000.00	DUES, LICENSES & PER	\$25.75	SEC OF STATE - BSD NAPS LEAH
	03-5500-54300.00	Office Supplies	\$238.50	LABOR POSTER
	09-3100-54300.00	Office Supplies	\$190.30	LABOR POSTER
	22-2200-54300.00	Office Supplies	\$238.50	LABOR POSTER
	01-1600-54300.00	Office Supplies	\$95.14	LABOR POSTER
	21-2100-54300.00	Office Supplies	\$238.50	LABOR POSTER
	50-3110-54300.00	Office Supplies	\$190.30	LABOR POSTER
	CHRISTOPHER 2/26			
	02-2000-56460.00	Safety Supplies	\$25.97	SLIP LEASHES
	01-5100-53300.00	Bldg./Grounds Maint.	\$279.95	MOTOR FOR HEATER #2
	01-5100-53300.00	Bldg./Grounds Maint.	\$218.40	MOTHER BORD FOR HEATER #2
	09-3100-54300.00	Office Supplies	\$38.96	PLOTTER PRINTER INK
	CAMP 2/26			
	01-1000-57000.00	DUES, LICENSES & PER	\$85.92	STL POST DISPATCH X2
	21-2100-57000.00	DUES, LICENSES & PER	\$359.76	ADOBE PRO LICENSE-PD
	01-1000-51800.00	Computer Services Fee	\$1727.28	ADOBE PRO LICENSE-ADMIN
	04-4000-51800.00	Computer Services Fee	\$239.98	ADOBE PRO LICENSE-BROWN/PARK
	09-3100-51800.00	Computer Services Fee	\$239.97	ADOBE PRO LICENSE-BROWN/STREET
	50-3110-51800.00	Computer Services Fee	\$239.97	ADOBE PRO LICENSE-BROWN/WATER
	01-1600-51800.00	Computer Services Fee	\$239.98	ADOBE PRO LICENSE-BROWN/BUILDING
	01-1000-57000.00	DUES, LICENSES & PER	\$239.98	ADOBE PRO LICENSE-BROWN/ADMIN
	01-1000-57010.00	Travel,Training & Lodgi	\$134.44	MCMA WINTER WORKSHOP-CAMP
	01-3200-57995.00	Employee Appreciation	\$69.78	WORK LUNCH -PD & PW @ POGS
	VAUGHN 2/26			
	01-1000-57010.00	Travel,Training & Lodgi	\$125.00	2026 GFOA 1 DAY BUDGET CONFERENCE- OHALE
	01-1000-57010.00	Travel,Training & Lodgi	\$350.00	2026 GFOA CONFERENCE- BROWN & OHALE
	STEFFEN 2/26			
	03-5500-56725.00	Passport Expense	\$431.00	PASSPORT EXPENSE
	03-5500-56240.00	Software	\$75.00	MAILCHIMP
	03-5500-54300.00	Office Supplies	-\$36.48	REFUND ON ACRYLIC BOOK STANDS -WRONG SIZ
	03-5500-57997.00	COMMUNITY EVENTS	\$90.66	GINGERBREAD HOUSE FOOD FOR CRAFT
	03-5500-54300.00	Office Supplies	\$36.05	CHALKBOARD PAPER
	03-5500-54300.00	Office Supplies	\$13.31	GEL INK PENS

CITY OF FESTUS

Check Detail Register

8/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	03-5500-54300.00	Office Supplies	\$36.48	3- 5PACKS OF BOOK STANDS
	03-5500-54300.00	Office Supplies	\$20.89	6X4 BOOK STANDS
	03-5500-56200.00	Books	-\$16.00	ONE PUCKING WISH RETURN
	03-5500-57997.00	COMMUNITY EVENTS	\$41.78	YELLOW FOLDERS FOR 1000 BOOKS CLUB
	03-5500-56725.00	Passport Expense	\$117.76	2 PACKS OF INK & PAPER FOR PHOTOS
	03-5500-57999.00	Other Misc. Special Exp	\$19.99	UNDER CABINET LIGHTING FOR WORK AREA
	03-5500-56200.00	Books	\$32.00	ONE PUCKING LIFE/MOMENT
	03-5500-54300.00	Office Supplies	\$7.72	COPY PAPER
	03-5500-57997.00	COMMUNITY EVENTS	\$37.20	15 GINGERBREAD HOUSES FOR ADULT CRAFT
FEB 26 STATEMENT FEE				
	01-1000-51450.00	BANK & CREDIT CARD	\$6.00	6-CREDIT CARD RECEIPT RETENTION FEE
SMITH 2/26				
	01-1000-57010.00	Travel,Training & Lodgi	\$320.00	MOCCFOA SPRING INST & BANQ- SMITH
	01-1000-57010.00	Travel,Training & Lodgi	\$320.00	MOCCFOA SPRING INST & BANQ - FILKINS
	01-1000-57000.00	DUES, LICENSES & PER	-\$195.00	IIMC DUES - SMITH (REFUND)
	01-1000-57010.00	Travel,Training & Lodgi	\$135.00	MOCCFOA SPRING INST - NEW CLERK - FILKIN
	01-1000-57010.00	Travel,Training & Lodgi	\$145.00	MOCCFOA SPRING INST -MASTER ACD -SMITH
	01-1000-57999.00	Other Misc. Special Exp	\$145.00	BREV FLOWERS FOR VAUGHN - BROTHER-N-LAW
	01-1000-54300.00	Office Supplies	\$14.99	NAME PLATE FOR JIM WALKER -COUNCIL
HARRIS 2/26				
	01-1600-51800.00	Computer Services Fee	\$159.90	ZOOM YEARLY SUB
Total for	COMMERCE BANK-COMMERCIAL CARDS		\$17240.81	
CORE & MAIN				
Y463846				
	50-3150-56695.00	WATER MAIN MAINTEN	\$6360.83	GASKETS/BOLTS/12AFC2512 MJ-EMERGENCY
Total for	CORE & MAIN		\$6360.83	
CCATT LLC (AR REMIT TO)				
51066745				
	21-2150-54250.00	911 Expense	\$200.88	911 TOWER RENTAL MAR-26
Total for	CCATT LLC (AR REMIT TO)		\$200.88	
DATAMARS INC				
972182				
	02-2000-51850.00	Veterinarian Fees	\$265.38	MICRO CHIPS - FOR VET CLINIC EVENT
Total for	DATAMARS INC		\$265.38	
SHAIN DOLLAR				
1/26 CELLPHONE				
	09-3100-54200.00	Telephone	\$14.00	REIMBURSE CELL PHONE- 40%
	11-1111-54200.00	Telephone	\$10.50	REIMBURSE CELL PHONE-30%
	50-3110-54200.00	Telephone	\$10.50	REIMBURSE CELL PHONE- 30%
Total for	SHAIN DOLLAR		\$35.00	
LEO M ELLEBRACHT CO				
35765				
	22-2200-52600.00	Uniform Allowance Exp	\$209.00	BOOTS - SPRADLING
	22-2200-52600.00	Uniform Allowance Exp	\$18.51	SHIPPING
15S1548.02				

CITY OF FESTUS

Check Detail Register

9/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	22-2200-55350.00	LIGHT EQUIPMENT &	\$102.52	REBUILD CGA INLET COUPLING VIN 88143
Total for	LEO M ELLEBRACHT CO		\$330.03	
FESTUS-CRYSTAL CITY ELKS #1721				
26- SPONSORSHIP	12-1200-57999.00	Other Misc. Special Exp	\$100.00	SPONSORSHIP - STATE 75TH BOWLING TOURNY
Total for	FESTUS-CRYSTAL CITY ELKS #1721		\$100.00	
HR GREEN INC				
198156	11-1111-59999.00	Other Capital Outlay	\$6611.91	STORMWATER MASTER PLAN - 23.25% COMPLETE
Total for	HR GREEN INC		\$6611.91	
HUNT INDUSTRIAL SERVICE CORP				
AP260207-A	50-3150-59999.00	Other Capital Outlay	\$1440.00	TOPSOIL - OAK DR
	04-4000-53300.00	Bldg./Grounds Maint.	\$410.00	GRASS - BILLY PORTER PARK
Total for	HUNT INDUSTRIAL SERVICE CORP		\$1850.00	
INGRAM LIBRARY SERVICES				
94436732	03-5500-56200.00	Books	\$11.99	JUST FOR THE CAMERAS
	03-5500-56200.00	Books	\$0.00	SHIPPING
94473538	03-5500-56200.00	Books	\$9.09	INVESTIGATORS AGENTS OF SUIT
	03-5500-56200.00	Books	\$9.00	SHIPPING
94436730	03-5500-56200.00	Books	\$11.39	PEGS EGG
	03-5500-56200.00	Books	\$0.00	SHIPPING
93216970	03-5500-56200.00	Books	\$17.39	CONSPIRACISTS
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$10.79	DC X SONIC THE HEDGEHOG
94436729	03-5500-56200.00	Books	\$18.00	END OF DAYS
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$11.39	SARABETHS GARAGE
94409930	03-5500-56200.00	Books	\$17.25	LAWS OF LOVE & LOGIC
	03-5500-56200.00	Books	\$9.00	SHIPPING
94451201	03-5500-56200.00	Books	\$33.99	UNTIL THE SUN FALLS
	03-5500-56200.00	Books	\$0.00	SHIPPING
94451200	03-5500-56200.00	Books	\$11.39	TENDER CRUELTY
	03-5500-56200.00	Books	\$0.00	SHIPPING
93210405	03-5500-56200.00	Books	\$18.00	HOMESCHOOLED ORIGINAL
	03-5500-56200.00	Books	\$0.00	SHIPPING

CITY OF FESTUS

Check Detail Register

10/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
94370013	03-5500-56200.00	Books	\$6.39	SOCCER SIMULATOR
	03-5500-56200.00	Books	\$0.00	SHIPPING
94376381	03-5500-56200.00	Books	\$18.00	KEEPER OF LOST CHILDERN
	03-5500-56200.00	Books	\$0.00	SHIPPING
94370011	03-5500-56200.00	Books	\$11.39	NOT SO SHOULD LOVE STORY
	03-5500-56200.00	Books	\$9.00	SHIPPING
94370012	03-5500-56200.00	Books	\$19.20	ASTRAL LIB
	03-5500-56200.00	Books	\$0.00	SHIPPING
94405942	03-5500-56200.00	Books	\$17.40	THIS IS NOT ABT US
	03-5500-56200.00	Books	\$0.00	SHIPPING
94376382	03-5500-56200.00	Books	\$18.00	JILLS
	03-5500-56200.00	Books	\$0.00	SHIPPING
94328818	03-5500-56200.00	Books	\$17.25	ASTRAL LIB STANDARD ED
	03-5500-56200.00	Books	\$9.00	SHIPPING
94332347	03-5500-56200.00	Books	\$18.60	BLACK DAHLIA
	03-5500-56200.00	Books	\$0.00	SHIPPING
94291049	03-5500-56200.00	Books	\$17.25	PENDERGAST
	03-5500-56200.00	Books	\$3.93	SHIPPING
94332349	03-5500-56200.00	Books	\$10.39	BUNNY IN DISGUISE
	03-5500-56200.00	Books	\$0.00	SHIPPING
94332348	03-5500-56200.00	Books	\$17.25	CATCH HER IF YOU CAN
	03-5500-56200.00	Books	\$3.09	SHIPPING
94291050	03-5500-56200.00	Books	\$11.39	GAME CHANGERS -HEATED RIVALRY
	03-5500-56200.00	Books	\$1.98	SHIPPING
94428562*CREDIT*	03-5500-56200.00	Books	\$13.19	FANTASTIC FROG & THE AMAZING T
	03-5500-56200.00	Books	\$0.00	SHIPPING
94223627	03-5500-56200.00	Books	-\$11.99	CREDIT ON INVOICE # 94091806
	03-5500-56200.00	Books	\$0.00	SHIPPING
94218598	03-5500-56200.00	Books	\$17.25	MAKE IT OUT ALIVE
	03-5500-56200.00	Books	\$4.71	SHIPPING
94223626	03-5500-56200.00	Books	\$18.00	ROBERT B PARKERS BIG SHOT
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$12.64	DECOY SAVES OPENING DAY

CITY OF FESTUS

Check Detail Register

11/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
94218597	03-5500-56200.00	Books	\$4.29	SHIPPING
	03-5500-56200.00	Books	\$11.40	LOVE & OTHER BRAIN EXPERIMENTS
	03-5500-56200.00	Books	\$0.00	SHIPPING
94251199	03-5500-56200.00	Books	\$16.80	WITCHING HOURS
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$19.20	ROBERT LUDLUMS THE BOURNE REV
94183875	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$15.60	2 CAN PLAY
	03-5500-56200.00	Books	\$0.00	SHIPPING
94183877	03-5500-56200.00	Books	\$18.00	ITS NOT HER ORIGINAL
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$18.40	CROSS & SAMPSON
94188815	03-5500-56200.00	Books	\$9.00	SHIPPING
	03-5500-56200.00	Books	\$11.39	DONT DO IT DOUG
	03-5500-56200.00	Books	\$0.00	SHIPPING
94469637	03-5500-56200.00	Books	\$4.79	BLUEY ZOO
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$10.39	THERES A BUNNY IN YOUR BK
94469638	03-5500-56200.00	Books	\$18.00	COLD ZERO
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$11.39	ITS SPRING
94291051	03-5500-56200.00	Books	\$11.39	CALL ME MOBY
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$18.00	ROYAL SPIN
94251200	03-5500-56200.00	Books	\$11.99	DISNEY TWISTED-WONDERLAND
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$14.99	SERENDIPITY
94405941	03-5500-56200.00	Books	\$11.99	BEATRIX & THE UNICORN
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$18.00	1 BAD MOTHER
94370010	03-5500-56200.00	Books	\$16.20	JEWEL IN THE CROWN
	03-5500-56200.00	Books	\$0.00	SHIPPING
	03-5500-56200.00	Books	\$25.19	MAN WHO INVENTED CONSERVATISM
94436731	03-5500-56200.00	Books	\$19.20	OPERATION BOUNCE HOUSE
	03-5500-56200.00	Books	\$11.99	PINKALICIOUS
	03-5500-56200.00	Books		

CITY OF FESTUS

Check Detail Register

12/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
94539627	03-5500-56200.00	Books	\$13.20	1984
	03-5500-56200.00	Books	\$14.99	KID LIKE ME
	03-5500-56200.00	Books	\$0.00	SHIPPING
94539626	03-5500-56200.00	Books	\$15.59	I SURVIVED THE CAL WILD
	03-5500-56200.00	Books	\$0.00	SHIPPING
94505845	03-5500-56200.00	Books	\$11.99	UNFATHOMABLE 20 WILD
	03-5500-56200.00	Books	\$0.00	SHIPPING
Total for	INGRAM LIBRARY SERVICES		\$835.34	
INVOICE CLOUD INC.				
4257-2026-1	50-3110-51450.00	BANK & CREDIT CARD	\$694.40	2646 PAPERLESS/9-RETURN FEE'S/376-OB
Total for	INVOICE CLOUD INC.		\$694.40	
JEFFERSON COUNTY 911 DISPATCH				
3255	01-2300-57120.00	Code Red(Reverse 911)	\$3844.40	2026 EVERBRIDGE SYSTEM FEE
3229	21-2150-59600.00	Light Equipment	\$176397.00	2025 AXS CONSOLE UPGRADE - DISPATCH
Total for	JEFFERSON COUNTY 911 DISPATCH		\$180241.40	
JEFFERSON CNTY FIRE MARSHALLS ASSOC				
2026-007	01-1600-57000.00	DUES, LICENSES & PER	\$70.00	2026 FIRE MARSHAL DUES- WALKER/KIRCHNER
Total for	JEFFERSON CNTY FIRE MARSHALLS ASSOC		\$70.00	
JEFFERSON COUNTY PICKLEBALL				
2026-1	12-1200-59999.00	Other Capital Outlay	\$651.05	PICKELBALL -SIGN/AWARDS/FLYERS
Total for	JEFFERSON COUNTY PICKLEBALL		\$651.05	
JONES PLUMBING SERVICE				
005-26	21-2100-53300.00	Bldg./Grounds Maint.	\$2800.00	MOPSINK REPAIR- PD SIDE
Total for	JONES PLUMBING SERVICE		\$2800.00	
JARED S ALLEN DBA				
3062	01-3200-59999.00	Other Capital Outlay	\$14612.51	SOUTH BOUND WELCOME SIGN
Total for	JARED S ALLEN DBA		\$14612.51	
KID'S REFERENCE CO INC				
KRC01-14646	03-5500-56200.00	Books	\$36.95	25 ANNIV OF USA ENCYCLOPEDIA
	03-5500-56200.00	Books	\$143.70	DOGS SAVE THE DAY -6VOL
	03-5500-56200.00	Books	\$14.45	SHIPPING
Total for	KID'S REFERENCE CO INC		\$195.10	

CITY OF FESTUS

Check Detail Register

13/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
LEADER PUBLICATIONS INC				
3514	01-1600-57100.00	Advertising	\$1237.50	BUILDING INSP JOB AD - 6X
3513	21-2100-57100.00	Advertising	\$354.00	POLICE OFFICER JOB AD - 6X
Total for	LEADER PUBLICATIONS INC		\$1591.50	
LEON UNIFORM COMPANY INC				
666870	21-2100-52600.00	Uniform Allowance Exp	\$170.99	SOFT SHELL JACKET - LITZAU, ALEC
665438	21-2100-52600.00	Uniform Allowance Exp	\$217.00	ACADIA 8" SHOES - PLACKE, R
663132-01	21-2100-52600.00	Uniform Allowance Exp	\$365.50	SEAL/PARKA/PANTS- COFER, AMANDA
Total for	LEON UNIFORM COMPANY INC		\$753.49	
MABCA - ATTN: JAMI STRICKLAND				
2026-MABCA DUES	01-1600-57000.00	DUES, LICENSES & PER	\$25.00	MABCA - JIM WALKER DUES
MABCA SPRING 26 CONF	01-1600-57010.00	Travel,Training & Lodgi	\$275.00	2026-MABCA SPRING CONF - JIM WALKER
Total for	MABCA - ATTN: JAMI STRICKLAND		\$300.00	
MARCO TECHNOLOGIES LLC				
INV14879158	03-5500-54550.00	MAINTENANCE & SOFT	\$52.50	SHRED SERVICES -LIBRARY
Total for	MARCO TECHNOLOGIES LLC		\$52.50	
MECHANICAL SUPPLY CO INC				
4037196	01-3200-57620.00	Rental Building Expens	\$73.85	(12) PLEATED FILTERS - 406 MAIN
Total for	MECHANICAL SUPPLY CO INC		\$73.85	
MIDWEST TAPE				
508438580	03-5500-56200.00	Books	\$28.04	DVD - LANDMAN SEASON 1
Total for	MIDWEST TAPE		\$28.04	
MO MUNICIPAL LEAGUE				
17828	01-1000-57100.00	Advertising	\$45.00	CITY ADMIN JOB AD
Total for	MO MUNICIPAL LEAGUE		\$45.00	
MOTOROLA SOLUTIONS INC				
8282272984	21-2100-59650.00	Automobiles	\$13095.00	LICENSE PLATE READER - GRANT
8282272171	21-2100-59650.00	Automobiles	\$637.50	LIC PLATE READERS - MOBILE CAMERA KITS
Total for	MOTOROLA SOLUTIONS INC		\$13732.50	
NFM BUYER LLC				
12907381				

CITY OF FESTUS

Check Detail Register

14/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
12919573	50-3150-59999.00	Other Capital Outlay	\$366.55	1"MINUS - 44.43 TN - MAPLE
	50-3150-59999.00	Other Capital Outlay	\$397.42	1"MINUS - 45.42 TN - OAK
Total for	NFM BUYER LLC		\$763.97	
ODEYS INC.				
125926	04-4000-53300.00	Bldg./Grounds Maint.	\$1449.80	REPLACEMENT TINE SETS 4
Total for	ODEYS INC.		\$1449.80	
PEVELY PLAZA AUTO PARTS INC				
05HB5842	21-2100-55300.00	Vehicle Maintenance	\$161.51	BATTERY REPLACEMENT - FPD#55
05HB6099*CREDIT*	21-2100-55300.00	Vehicle Maintenance	-\$161.51	BATTERY REPLACEMENT - FPD#55*CREDIT*
Total for	PEVELY PLAZA AUTO PARTS INC		\$0.00	
PHINE DESIGNS INC				
12992	21-2100-59650.00	Automobiles	\$229.00	WINDOW TINT/ WEATHER TEC-TAHOE/GAMM,NIC
Total for	PHINE DESIGNS INC		\$229.00	
POMP'S TIRE SERVICE INC				
1240057437	04-4000-55400.00	Heavy Equipment Maint	\$681.13	TIRE - BACKHOE # 50 PARKS
1240057677	04-4000-55400.00	Heavy Equipment Maint	\$657.49	TIRE - BACKHOE # 85 - STREET
Total for	POMP'S TIRE SERVICE INC		\$1338.62	
PUBLIC SAFETY UPFITTERS				
7558	21-2100-52600.00	Uniform Allowance Exp	\$234.50	CUMMERBUND/ID PATCH/NAME TAPE- COFER, AM
	21-2100-56400.00	Uniforms	\$178.51	CUMMERBUND/ID PATCH/NAME TAPE- COFER, AM
7559	21-2100-59999.00	Other Capital Outlay	\$832.18	VEST/TRAUMA PLATE- COFER, AMANDA
7551	21-2100-59650.00	Automobiles	\$1610.00	REMOVED EQUIPMENT FROM -FPD#VIN 81171
7581	21-2100-59650.00	Automobiles	\$5884.00	FUSE BLOCK - FPD#VIN -164822
7554	21-2100-59650.00	Automobiles	\$5884.00	FUSE BLOCK - FPD#VIN -164821
Total for	PUBLIC SAFETY UPFITTERS		\$14623.19	
RICOH USA INC				
5072768261	01-1600-54550.00	MAINTENANCE & SOFT	\$36.93	COPIER CONTRACT USAGE - BLDG
	04-4000-54550.00	MAINTENANCE & SOFT	\$36.94	COPIER CONTRACT USAGE - PARK
	50-3110-54550.00	MAINTENANCE & SOFT	\$36.94	COPIER CONTRACT USAGE - WATER
	09-3100-54550.00	MAINTENANCE & SOFT	\$36.94	COPIER CONTRACT USAGE - T-TAX
5072704466	50-3110-54550.00	MAINTENANCE & SOFT	\$168.31	COPIER CONTRACT USAGE PW FROM WATER

CITY OF FESTUS

Check Detail Register

15/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
5072704554	09-3100-54550.00	MAINTENANCE & SOFT	\$168.31	COPIER CONTRACT USAGE PW FRONT - T-TAX
	01-1600-54550.00	MAINTENANCE & SOFT	\$84.15	COPIER CONTRACT USAGE PW FRONT -BUILDING
	50-3110-54550.00	MAINTENANCE & SOFT	\$22.79	COPIER CONTRACT USAGE PW REAR
	09-3100-54550.00	MAINTENANCE & SOFT	\$22.78	COPIER CONTRACT USAGE PW REAR
Total for	RICOH USA INC		\$614.09	
CARMELO CRIVELLO				
202617	21-2100-57010.00	Travel,Training & Lodgi	\$350.00	CRIMINAL INTERDICTION -GREENLEE/KRAUS
Total for	CARMELO CRIVELLO		\$350.00	
ZAC RUNDEL				
2/26 CELL PHONE	50-3110-54200.00	Telephone	\$35.00	REIMBURSE CELL PHONE- RUNDEL
Total for	ZAC RUNDEL		\$35.00	
SENTINEL EMERGENCY SOLUTIONS				
48128	22-2200-55350.00	LIGHT EQUIPMENT &	\$360.00	(2) 2.5 GAL PRESSURIZED WTR EXTINGUISHER
48063	22-2200-59999.00	Other Capital Outlay	\$15467.89	(3) FIRE FIGHTING TURNOUT GEAR
	22-2200-59999.00	Other Capital Outlay	\$0.00	NFPA LANYARD
	22-2200-59999.00	Other Capital Outlay	\$0.00	STRUCTURAL FIRE FIGHTING GLOVES
INV-2129	22-2200-55400.00	Heavy Equipment Maint	\$3313.55	COOLANT LEAK - FFD#6614
Total for	SENTINEL EMERGENCY SOLUTIONS		\$19141.44	
SHERWIN-WILLIAMS CO				
06073141670226	01-1000-53300.00	Bldg./Grounds Maint.	\$239.75	PAINT FOR CH SIDE
Total for	SHERWIN-WILLIAMS CO		\$239.75	
SIRCHIE AQISITION COMPANY, LLC				
0731854-IN	21-2100-57390.00	DETECTIVE & CRIMINA	\$73.06	TAPE DISPENSER - DISTILLED WATER
Total for	SIRCHIE AQISITION COMPANY, LLC		\$73.06	
SOUTHPAW GRAFIX, LLC				
2835	03-5500-56400.00	Uniforms	\$46.16	SWEATSHIRT/TSHIRT - STEFFEN, ELIZABETH
	01-1000-56400.00	Uniforms	\$125.00	SWEATSHIRT/TSHIRT-OHALECK, MIR
	01-1000-56400.00	Uniforms	\$125.00	SWEATSHIRT/TSHIRT - SMITH, LEAH
	01-1000-56400.00	Uniforms	\$125.00	SWEATSHIRT/TSHIRT- FILKIN, JEN
	01-1000-56400.00	Uniforms	\$89.98	JACKET - VAUGHN, MICHELLE
	01-1000-56400.00	Uniforms	\$125.00	SWEATSHIRT/JACKET- BROWN,MELISSA
	01-1000-56400.00	Uniforms	\$22.49	JACKET-25% LOWRY, BARB
	04-4000-56400.00	Uniforms	\$22.50	JACKET-25% LOWRY, BARB
	12-1200-56400.00	Uniforms	\$44.99	JACKET-50% LOWRY, BARB
	01-1600-56400.00	Uniforms	\$13.07	TSHIRTS- 35%- ARMBRUSTER, JULIE

CITY OF FESTUS

Check Detail Register

16/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
	02-2000-56400.00	Uniforms	\$1.32	TSHIRTS- 5%- ARMBRUSTER, JULIE
	50-3110-56400.00	Uniforms	\$15.79	TSHIRTS- 60%- ARMBRUSTER, JULIE
	01-0000-13900.00	Accounts Receivable Ot	\$130.92	UNIFORM OVERAGE - OHAECK, MIR
	01-0000-13900.00	Accounts Receivable Ot	\$23.76	UNIFORM OVERAGE - FILKIN,JEN
	01-0000-13900.00	Accounts Receivable Ot	\$188.52	UNIFORM OVERAGE - SMITH, LEAH
Total for	SOUTHPAW GRAFIX, LLC		\$1099.50	
STAPLES BUSINESS ADVANTAGE				
6054405774	21-2100-54300.00	Office Supplies	\$225.97	TONER
6054405775*CREDIT*	21-2100-54300.00	Office Supplies	-\$225.97	TONER- RETURNED
6054405770	21-2100-54300.00	Office Supplies	\$367.57	(7) CASES PAPER
6054405761	21-2100-54300.00	Office Supplies	\$49.10	(2) 100-PK DVD- REWRITE
6054405760	21-2100-54300.00	Office Supplies	\$278.82	(1) TONER & (1) CT KLEENEX
	21-2100-53500.00	CLEANING & TISSUE P	\$174.70	(4) WASTE LINERS
6054405765	03-5500-53500.00	CLEANING & TISSUE P	\$17.99	MAGIC ERASERS
	03-5500-54300.00	Office Supplies	\$190.93	(3) CASES PAPER & LAMINATING POUCHES
6054405758	03-5500-54300.00	Office Supplies	\$40.63	(2) PACKS SCOTCH TAPE - 12 & 3-PACK
6054405766	03-5500-53500.00	CLEANING & TISSUE P	\$69.15	(1) COUNT BATH TISSUE
6054405767	22-2200-54300.00	Office Supplies	\$68.59	SHARPIES/POSTIT/CORRECTIONTAPE
6054405773	22-2200-54300.00	Office Supplies	\$551.18	(10) PRINTER TONERS - BLACK & COLORS
6054405769	01-1000-56000.00	Paper Products	\$78.98	2 CASES PAPER
	09-3100-54300.00	Office Supplies	\$78.98	PAPER
	01-1600-54300.00	Office Supplies	\$39.49	PAPER
	50-3110-54300.00	Office Supplies	\$123.46	TAPE & PAPER
6054405772	09-3100-54300.00	Office Supplies	\$47.85	ROLL THERMAL
	01-1600-54300.00	Office Supplies	\$0.00	0
	50-3110-54300.00	Office Supplies	\$61.10	KEY TAGS & ROLL THERMAL
6054405764	09-3100-54300.00	Office Supplies	\$167.91	PAPER/FLAGS/POST ITS/SHARPIES/FOLDERS
	01-1600-54300.00	Office Supplies	\$83.96	PAPER/FLAGS/POST ITS/SHARPIES/FOLDERS
	50-3110-54300.00	Office Supplies	\$167.91	PAPER/FLAGS/POST ITS/SHARPIES/FOLDERS
6054405757	01-1000-54300.00	Office Supplies	\$219.99	PRINTER - MIRANDA
6054405762	01-1000-54300.00	Office Supplies	\$7.72	HIGHLIGHTERS - MIRANDA
6054405759*CREDIT*	01-1000-54300.00	Office Supplies	-\$115.86	W2 ENVELOPES - RETURN

CITY OF FESTUS

Check Detail Register

17/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
6054405771	01-1000-54300.00	Office Supplies	\$35.00	SHEET PROT/CORRECTION TAPE
6054405763	01-1000-54300.00	Office Supplies	\$94.51	BATTRIES/POST IT/SHARPIES/PENS
	01-1000-59400.00	Office Equipment	\$499.99	PRINTER - JEN
Total for	STAPLES BUSINESS ADVANTAGE		\$3399.65	
STANLEY STEAMER				
14036631-109	03-5500-53300.00	Bldg./Grounds Maint.	\$6462.50	CARPET/FLOORS CLEANED - NOT BUDGETED
Total for	STANLEY STEAMER		\$6462.50	
TOTAL ACCESS URGENT CARE PC				
5190	21-2100-51510.00	Exams & Physicals	\$155.00	PHYSICAL & DRUG SCREEN- MCCAULEY, DEBRA
Total for	TOTAL ACCESS URGENT CARE PC		\$155.00	
TREKK DESIGN GROUP, LLC				
26-000101	09-3100-59999.00	Other Capital Outlay	\$4856.21	STREET MASTER PLAN ENGINEERING
26-000041	09-3100-51500.00	Engineering Fees	\$5400.00	SUNSHINE TAP APP
26-000036	09-3100-51500.00	Engineering Fees	\$9450.00	FESTUS MILL ST & AMERICAN LEGION
Total for	TREKK DESIGN GROUP, LLC		\$19706.21	
ULINE, INC				
203772868	01-3200-59200.00	Building Improvements	\$7509.50	TABLES/CHAIRS FOR 406 W MAIN - NO BUDGET
	04-4000-53300.00	Bldg./Grounds Maint.	\$138.00	(2) SMOKE RECEPTACLES
	09-3100-53300.00	Bldg./Grounds Maint.	\$414.00	(6) SMOKE RECEPTACLES
Total for	ULINE, INC		\$8061.50	
EVERGREEN LOGISTICS LLC				
1824	21-2100-54400.00	Printing	\$103.96	BIZ CARD - MURPHY, CHARLES
Total for	EVERGREEN LOGISTICS LLC		\$103.96	
VERTICAL COMMUNICATIONS, INC				
2168642	01-1600-54200.00	Telephone	\$80.89	TELEPHONE - BUILDING
	01-5100-54200.00	Telephone	\$13.48	TELEPHONE - VEHICLE MAINTANCE
	03-5500-54200.00	Telephone	\$67.41	TELEPHONE - LIBRARY
	09-3100-54200.00	Telephone	\$40.45	TELEPHONE - STREET
	21-2100-54200.00	Telephone	\$719.09	TELEPHONE - POLICE
	22-2200-54200.00	Telephone	\$68.93	TELEPHONE - FIRE
	50-3110-54200.00	Telephone	\$67.41	TELEPHONE - WATER ADMIN
	04-4000-54200.00	Telephone	\$6.74	TELEPHONE -PARK
	01-1000-54200.00	Telephone	\$117.62	TELEPHONE - ADMIN
Total for	VERTICAL COMMUNICATIONS, INC		\$1182.02	

CITY OF FESTUS

Check Detail Register

18/19
February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
VISTA LAW ENFORCEMENT TRAINING & CONSULTING LLC				
2026-0087	21-2100-51510.00	Exams & Physicals	\$700.00	BACKGROUND CHECK - DRURY, RYAN
Total for	VISTA LAW ENFORCEMENT TRAINING & CONSU		\$700.00	
WHOLESALE PLUMBING SUPPLY CO INC				
S3972917.001	50-3150-53345.00	Booster Maintenance	\$4.38	4"QWICK CAP - TWIN TANKS
Total for	WHOLESALE PLUMBING SUPPLY CO INC		\$4.38	
WIL-MIX CONCRETE, LLC				
9988	50-3150-56695.00	WATER MAIN MAINTEN	\$413.00	2 CY CONCRETE - RICHARD & BEULAH
9961	50-3150-59999.00	Other Capital Outlay	\$1220.50	8.50 CY CONCRETE - BEFFA & MAPLE
9973	09-3100-56655.00	Concrete	\$318.25	1.25 CY CONCRETE - 1533 WESTVALE
Total for	WIL-MIX CONCRETE, LLC		\$1951.75	
WIRELESS USA INC				
307764	22-2200-54550.00	MAINTENANCE & SOFT	\$77.50	SERVICE AGREEMENT -MARCH 2026
307765	21-2100-54550.00	MAINTENANCE & SOFT	\$1246.57	SERVICE AGREEMENT - MARCH 2026
Total for	WIRELESS USA INC		\$1324.07	

CITY OF FESTUS

Check Detail Register

19/19

February 20, 2026 12:41 PM

FEBRUARY 23RD, 2026 -WARRANT

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
----------------	-----------	-------------	--------------	---------

Total Amount Being Paid:

\$360856.35



MEMO

TO: Mayor & City Council
FROM: Accounts Payable – Melissa Brown
DATE: February 23rd, 2026
RE: Warrant & Additions

Please find the attached invoice register for Monday's meeting:

<u>Report Date</u>	<u>Report Total</u>
02/20/26	\$ 360,856.35
02/23/26	\$ 61,500.84

***Total for 02/23/26 meeting warrant and addition equals \$ 422,357.19**

CITY OF FESTUS

Check Detail Register

1/3
February 23, 2026 12:51 PM

FEBRUARY 23RD, 2026 -WARRANT ADDITIO

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
AG ENVIRONMENTAL INC				
4427	04-4000-59999.00	Other Capital Outlay	\$3500.00	ASBESTOS INSPECTION FOR 2221 SUNSHINE
Total for	AG ENVIRONMENTAL INC		\$3500.00	
AMEREN MISSOURI				
2820009224 1/26	01-1000-53100.00	Electricity	\$1063.05	711 W MAIN-50% ADMIN
	21-2100-53100.00	Electricity	\$850.43	711 W MAIN-40% POLICE
	21-2150-53100.00	Electricity	\$212.61	711 W MAIN-10% DISPATCH
8341005817 1/26*	01-3200-53100.00	Electricity	\$16664.90	JAN-25 STREET LIGHT SERVICE
Total for	AMEREN MISSOURI		\$18790.99	
BOND ARCHITECTS, INC				
04781	04-4000-59999.00	Other Capital Outlay	\$5062.50	SCHEMATIC DESIGN - RED BARN PHASE II
Total for	BOND ARCHITECTS, INC		\$5062.50	
CHARTER COMMUNICATIONS				
115890301 2/26	01-1000-54200.00	Telephone	\$48.48	NETWORK SERVICE 15%
	21-2100-54200.00	Telephone	\$193.21	NETWORK SERVICE 60%
	09-3100-54200.00	Telephone	\$32.41	NETWORK SERVICE 10%
	50-3110-54200.00	Telephone	\$32.41	NETWORK SERVICE 10%
	01-1600-54200.00	Telephone	\$16.32	NETWORK SERVICE 5%
	21-2100-54200.00	Telephone	\$307.13	911 FIBER INTERNET @ BUCKEYE
	09-3100-54200.00	Telephone	\$139.60	PW INTERNET 40%
	50-3110-54200.00	Telephone	\$139.60	PW INTERNET 40%
	01-1600-54200.00	Telephone	\$69.80	PW INTERNET 20%
	01-1000-54200.00	Telephone	\$359.50	CH/PD INTERNET 50%
	21-2100-54200.00	Telephone	\$359.50	CH/PD INTERNET 50%
173588701 2/26	22-2200-54210.00	Cable TV	\$157.03	CABLE TV-FIRE HOUSE
	22-2200-54200.00	Telephone	\$187.02	INTERNET-FIRE HOUSE
	01-1000-54200.00	Telephone	\$156.72	INTERNET-CH
	21-2150-54210.00	Cable TV	\$97.23	CABLE TV-DISPATCH
Total for	CHARTER COMMUNICATIONS		\$2295.96	
JOKERST PAVING & CONTRACTING INC				
F24033	10-3100-59999.00	Other Capital Outlay	\$0.00	2024 STREET OVERLAYS
	10-3100-59999.00	Other Capital Outlay	\$23961.88	FESTUS CENTRE DR. - CO NO. 2
	10-3100-59999.00	Other Capital Outlay	\$0.00	CO NO.3 - BALANCE ON 24 STREET OVERLAYS
Total for	JOKERST PAVING & CONTRACTING INC		\$23961.88	
MCCARTHY, LEONARD & KAEMMERER LC				
0272904-02	21-2100-51400.00	Legal Fees	\$56.00	JESSE CORDOVA /DOMESTIC ASSAULT

CITY OF FESTUS

Check Detail Register

2/3
February 23, 2026 12:51 PM

FEBRUARY 23RD, 2026 -WARRANT ADDITIO

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
Total for	MCCARTHY, LEONARD & KAEMMERER LC		\$56.00	
		SPIRE		
0288575575 1/26	01-3200-57620.00	Rental Building Expens	\$474.46	01/13-02/09 -SERV-406 W MAIN ST-RENTAL
2374110000 1/26	22-2200-53200.00	Natural Gas	\$827.77	212 N MILL-FIREHOUSE
	04-4000-53200.00	Natural Gas	\$52.00	2250 SUNSHINE-PARK SHED
	04-4000-53200.00	Natural Gas	\$321.68	2253 SUNSHINE-NEW PARK SHED
	03-5500-53200.00	Natural Gas	\$1236.60	400 W MAIN-LIBRARY
	01-5100-53200.00	Natural Gas	\$861.93	500 RIDGE AVE
	01-1000-53200.00	Natural Gas	\$649.78	711 W MAIN-50% ADMIN
	21-2100-53200.00	Natural Gas	\$519.82	711 W MAIN-40% POLICE
	21-2150-53200.00	Natural Gas	\$129.97	711 W MAIN-10% DISPATCH
	04-4000-53200.00	Natural Gas	\$349.76	711 W MAIN-APT W
	50-3110-53200.00	Natural Gas	\$460.30	950 N 5TH-40% WATER
	09-3100-53200.00	Natural Gas	\$460.30	950 N 5TH-40% STREET
	01-1600-53200.00	Natural Gas	\$230.15	950 N 5TH-20% BUILDING
	01-3200-57620.00	Rental Building Expens	\$87.46	410 W MAIN
	21-2100-53200.00	Natural Gas	\$83.98	711 W MAIN-APT E (GYM) 50%
	01-3200-53200.00	Natural Gas	\$83.98	711 W MAIN-APT E (GYM) 50%
Total for	SPIRE		\$6829.94	
		VERIZON WIRELESS		
6134986554 1/26	22-2200-54200.00	Telephone	\$120.12	MONTHLY SERVICE 6 MIFI LINES - FIRE
6134986553 1/26	01-1600-54200.00	Telephone	\$218.78	TELEPHONE - BLDG
	50-3110-54200.00	Telephone	\$48.46	TELEPHONE - WATER ADMIN
	02-2000-54200.00	Telephone	\$99.85	TELEPHONE - HEALTH
	04-4000-54200.00	Telephone	\$82.60	TELEPHONE- PARK
	50-3150-54200.00	Telephone	\$258.81	TELEPHONE- WATER DIST
	09-3100-54200.00	Telephone	\$33.93	TELEPHONE-STREET
	01-3200-54200.00	Telephone	\$0.00	TELEPHONE- NON DEPT
	50-3120-54200.00	Telephone	\$17.41	TELEPHONE -WATER PROD
	11-1111-54200.00	Telephone	\$6.01	TELEPHONE - STORM
	01-1000-54200.00	Telephone	\$40.01	TELEPHONE -ADMIN
	01-5100-54200.00	Telephone	\$40.01	TELEPHONE - VM
	22-2200-54200.00	Telephone	\$37.58	TELEPHONE- FIRE
Total for	VERIZON WIRELESS		\$1003.57	

CITY OF FESTUS

Check Detail Register

3/3

February 23, 2026 12:51 PM

FEBRUARY 23RD, 2026 -WARRANT ADDITIO

Invoice Number	GL Number	Vendor Name	Check Amount	Comment
----------------	-----------	-------------	--------------	---------

Total Amount Being Paid:

\$61500.84

[Print](#)**Request to Speak at Council Meeting - Submission #4021****Date Submitted: 2/5/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Bill Kaempfe

Email Address***Address***

2725 MEADOW LN

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Data Center

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4027****Date Submitted: 2/9/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Lori Merriman

Email Address***Address***

11530 Ten Point Ln.

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Marksnelson

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

[Print](#)**Request to Speak at Council Meeting - Submission #4023****Date Submitted: 2/6/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Aaron Meyers

Email Address***Address***

516 Roy St

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Agenda Topic



Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Data centers

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4026****Date Submitted: 2/9/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Sherman Doyle

Email Address***Address***

6 Glenkee Ct

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4035****Date Submitted: 2/11/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Austin Jackson

Email Address***Address***

141 dublin ln

City*

Festus

State

Mo

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Data Center

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4042****Date Submitted: 2/14/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Travis Layton

Email Address***Address***

NA

City*

High Ridge

State**Zip Code****Phone Number*****Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Some of the items in the Rules of Decorum violate the 1st amendment

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4047****Date Submitted: 2/17/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Anthony Hodge

Email Address*

[REDACTED]

Address*

11694 Gamel Cemetery Road

City*

Festus

State

MO

Zip Code

63028

Phone Number*

[REDACTED]

Fax Number**Agenda or Non-Agenda Topic***

Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Data center.

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4053****Date Submitted: 2/17/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Alexander Bischoff

Email Address*

[REDACTED]

Address*

884 Woodridge Drive

City*

Arnold

State

MO

Zip Code

63010

Phone Number*

[REDACTED]

Fax Number**Agenda or Non-Agenda Topic***

Non-Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4054****Date Submitted: 2/17/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Cody Vogel

Email Address***Address***

6704 Sycamore Landing

City*

Barnhart

State

MO

Zip Code

63012

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4055****Date Submitted: 2/17/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Hunter Williams

Email Address***Address***

7499 Gravois Road

City*

Dittmer

State

MO

Zip Code

63023

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

general

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4056****Date Submitted: 2/17/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Kirk Hilzinger

Email Address***Address***

5225 Fairview Avenue

City*

St. Louis

State

MO

Zip Code

63139

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4059****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

John Youmans

Email Address*

[REDACTED]

Address*

921 North 4th Street

City*

Festus

State

MO

Zip Code

63028

Phone Number*

[REDACTED]

Fax Number**Agenda or Non-Agenda Topic***

Non-Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Who's "crossing a line" in Festus, as the Mayor stated Feb 9th.

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4060****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Charlie Goodwin

Email Address*

[REDACTED]

Address*

3303 Platin Rd

City*

Festus

State

MO

Zip Code

60328

Phone Number*

[REDACTED]

Fax Number

6369316085

Agenda or Non-Agenda Topic*

Non-Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Data Center

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4061****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Mary Fakes

Email Address***Address***

9 Cedarbrook

City*

Festus

State

Mo

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic ▼

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4064****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Oscar Harrell

Email Address***Address***

1015 utility Dr

City*

Arnold

State

MO

Zip Code

63010

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic



Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4065****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Joseph hunt

Email Address***Address***

316 sunshine dr

City*

Festus

State

Mo

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Agenda Topic

Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

Passing data center

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4066****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Jesse Cordova

Email Address***Address***

702 Huber Street

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic



Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

Print**Request to Speak at Council Meeting - Submission #4069****Date Submitted: 2/18/2026****Setting an Appointment**

Residents wishing to speak to the City Council are asked to register - Discussion items are in two categories: Agenda items and Non-agenda items. Requests to speak on Agenda items must be submitted to the City Clerk no later than 2 p.m. the day of the regular session meeting. Requests to speak on Non-agenda items must be submitted to the City Clerk no later than 4 p.m. the Wednesday prior to the regular session meeting.

Rules of Decorum at the Council Meeting

During Public Comment, The names of those persons who have submitted a complete request to speak will be called. When you are called, please step to the lectern, state your name and address, and appropriate comments. Please consult the Rules of Decorum for guidance;

<https://www.festusmo.gov/DocumentCenter/View/1023/Rules-of-Decorum>

Name*

Scott Seek

Email Address***Address***

6 However Crossing

City*

Festus

State

MO

Zip Code

63028

Phone Number***Fax Number****Agenda or Non-Agenda Topic***

Non-Agenda Topic



Please indicate if you wish to speak about an Agenda or Non-Agenda topic.

Topic you wish to speak about*

General

Public Information

Only name and address of request will appear publicly. Email and phone numbers will be redacted.

CITY OF FESTUS, MISSOURI CITY COUNCIL ACTION RECOMMENDATION



Subject: Resolution 4871.5 - A Resolution Determining The Intent Of The City Of Festus, Missouri To Reimburse Itself For Certain Capital Expenditures And Selecting Special Tax Counsel And An Underwriter In Connection With The Potential Issuance And Sale Of Obligations To Finance The Capital Expenditures.

Meeting Date: February 23, 2026

Presented By: Greg Camp, City Administrator

BACKGROUND/COMMENTS:

The attached resolution is a reimbursement resolution authorizing the City to reimburse itself for prior and future capital expenditures using proceeds from up to \$11.5 million in anticipated certificates of participation (COP). It also formalizes the selection of legal and financial advisors in preparation for a future financing action. This is a non-binding procedural step required under IRS regulations to preserve the City's eligibility for tax-exempt financing of already-committed or near-term project costs.

BUDGET CONSIDERATIONS:

None.

LEGAL CONSIDERATIONS:

RECOMMENDED ACTION:

Approve Resolution 4872.5

ATTACHMENTS/BIDS/DOCUMENTS:

1. 4871.5 Reimbursement Resolution (Festus 2026)

RESOLUTION NO. 4871.5

**RESOLUTION DETERMINING THE INTENT OF THE CITY OF
FESTUS, MISSOURI TO REIMBURSE ITSELF FOR CERTAIN
CAPITAL EXPENDITURES AND SELECTING SPECIAL TAX
COUNSEL AND AN UNDERWRITER IN CONNECTION WITH
THE POTENTIAL ISSUANCE AND SALE OF OBLIGATIONS TO
FINANCE THE CAPITAL EXPENDITURES.**

WHEREAS, the City of Festus, Missouri (the “City”) desires to issue tax-exempt obligations (the “Obligations”) for various capital improvements, including, (a) expanding, improving, renovating and furnishing and equipping the “Red Barn” facility and site, (b) constructing, equipping and furnishing Fire House No. 2 and acquiring fire apparatus for the Fire Department, and (c) various other capital improvements to City facilities and sites (collectively, the “Project”); and

WHEREAS, the City intends to utilize the services of Gilmore & Bell, P.C., as special tax counsel, and Stifel, Nicolaus & Company, Incorporated, as underwriter, in connection with the issuance and sale of the Obligations to finance the Project;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FESTUS, MISSOURI, AS FOLLOWS:

Section 1. The City has incurred certain capital expenditures in connection with the Project and may incur additional capital expenditures in connection with the Project after the date of adoption of this Resolution. The City intends to reimburse itself for such expenditures with the proceeds of the Obligations. The maximum principal amount of Obligations expected to be issued for the Project is \$11,500,000.

Section 2. The City hereby selects or ratifies the selection of Gilmore & Bell, P.C., as special tax counsel, and Stifel, Nicolaus & Company, Incorporated, as underwriter, to assist the City in connection with the issuance of the Obligations to finance the Project. Gilmore & Bell, P.C. and Stifel, Nicolaus & Company are hereby authorized and directed to prepare documentation providing for the issuance and sale of the Obligations; provided, however, no sale or issuance of any Obligations shall occur without further City Council approval.

Section 3. The officers, agents and employees of the City are hereby authorized and directed to execute all documents and take such necessary steps as they deem necessary and advisable in order to carry out and perform the purpose of this Resolution.

Section 4. This Resolution shall be in full force and effect from and after its passage by the City Council.

PASSED by the City Council of the City of Festus, Missouri, this 26th day of January, 2026.

(SEAL)

Mayor

ATTEST:

City Clerk

CITY OF FESTUS, MISSOURI CITY COUNCIL ACTION RECOMMENDATION



Subject: Bill No. 4873 - An ordinance of the City Council of the City of Festus, Missouri, adopting the Standard Specifications and Details for Infrastructure Improvements, and Standard Details; amending Chapters 510, 515, and 705 of the Code of Ordinances of the City of Festus, related to Excavations; repealing all ordinances in conflict therewith; and establishing an effective date.

Meeting Date: February 23, 2026

Presented By: Michael Christopher, Public Works Director

BACKGROUND/COMMENTS:

City staff is proposing the adoption of newer and more stringent specifications and construction details for water main installation. These updates are intended to improve consistency across projects, ensure compliance with state and federal drinking water regulations, reduce the likelihood of premature failures in the system, and provide clearer guidance to contractors and inspectors. The revised standards will also improve management of the distribution system by promoting durable materials, proper installation techniques, and thorough inspection and testing procedures.

BUDGET CONSIDERATIONS:

N/A

LEGAL CONSIDERATIONS:

N/A

RECOMMENDED ACTION:

ATTACHMENTS/BIDS/DOCUMENTS:

1. Bill No. 4873 - Amend Section 515-160 re Excavations 02052026 LB Rev
2. 178809_Festus Standard Details - Final_rev2
3. 178809_Festus Standard Specifications - Final_rev3

BILL NO. 4873

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FESTUS, MISSOURI, ADOPTING THE STANDARD SPECIFICATIONS AND DETAILS FOR INFRASTRUCTURE IMPROVEMENTS, AND STANDARD DETAILS; AMENDING CHAPTERS 510, 515, AND 705 OF THE CODE OF ORDINANCES OF THE CITY OF FESTUS, RELATED TO EXCAVATIONS; REPEALING ALL ORDINANCES IN CONFLICT THEREWITH; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, § 77.260, RSMo provides that the City Council of the City of Festus may enact and ordain any and all ordinances not repugnant to the constitution of the laws of this state, and such as they shall be deemed expedient for the good government of the City, the preservation of peace and good order, the benefit of trade and commerce, and the health of the inhabitants thereof; and

WHEREAS, the Festus Department of Public Works wishes to adopt standard specifications and details for infrastructure improvements within the City of Festus, Missouri, and to amend the City Code to conform to same; and

WHEREAS, the City Council finds and determines that adopting standard specifications and details for infrastructure improvements, and amending Chapters 510, 515, and 705 of the Code to incorporate the standard specifications and details for infrastructure improvements would be in the best interest of the City; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FESTUS, MISSOURI, AS FOLLOWS:

SECTION I. The City Council of the City of Festus hereby adopts the Standard Specifications and Details for Infrastructure Improvements, 2025 Edition, in substantially the form attached hereto as Exhibit A and incorporated herein by reference. A copy of same shall be retained on file in the offices of the Department of Public Works and shall be available for public inspection upon request. The Director of Public Works is directed to provide a link to same on the City's webpage.

SECTION II. The City Council of the City of Festus hereby adopts the Standard Details, dated January 16, 2026, in substantially the form attached hereto as Exhibit B and incorporated herein by reference. A copy of same shall be retained on file in the offices of the Department of

Public Works and shall be available for public inspection upon request. The Director of Public Works is directed to provide a link to same on the City's webpage.

SECTION III. Section 510.160(B) of Chapter 510 of the Code of Ordinances of the City of Festus, Missouri, is hereby amended, to read as follows (with added language appearing in red and deletions struck through):

TITLE V. BUILDING AND CONSTRUCTION.

CHAPTER 510. EXCAVATIONS.

ARTICLE II. CONSTRUCTION, REHABILITATION AND REPAIR OF STREETS, CURBS, GUTTERS, SIDEWALKS AND RETAINING WALLS

DIVISION 1. GENERALLY.

SECTION 510.160. POLICY FOR THE CONSTRUCTION, REHABILITATION AND REPAIR OF STREETS, ALLEYS, CURBS, ETC.

The policy statement set out in Divisions 2 through 5 hereafter pertains to the construction, substantial rehabilitation or repair of all dedicated streets, alleys, curbs, gutters, sidewalks and retaining walls located within the corporate boundaries of the City of Festus, County of Jefferson, State of Missouri. **The construction, substantial rehabilitation or repair of all dedicated streets, alleys, curbs, gutters, sidewalks and retaining walls located within the corporate boundaries of the City of Festus shall be conducted in conformity with the Standard Specifications and Details for Infrastructure Improvements, 2025 Edition, as adopted by Ordinance No. ____.** Division 2 through 5 of this Article ~~do~~ **It does not** pertain to streets, curbs, gutters, sidewalks and retaining walls planned for construction by private development contractors or corporations or their appointed representatives. All streets, curbs, gutters, sidewalks and retaining walls planned for construction by private development contractors or corporations or their appointed representatives shall be subject to the provisions and regulations contained within the subdivision ordinance of the City of Festus and any other ordinances pertaining thereto and shall meet all conditions and regulations contained therein.

SECTION IV. Subsection (A)(3)(a) of Section 510.180 of Chapter 510 of the Code of Ordinances of the City of Festus, Missouri, is hereby amended, to read as follows (with added language appearing in red and deletions struck through; unaffected subsections indicated by ellipses):

TITLE V. BUILDING AND CONSTRUCTION.

CHAPTER 510. EXCAVATIONS.

ARTICLE II. CONSTRUCTION, REHABILITATION AND REPAIR OF STREETS, CURBS, GUTTERS, SIDEWALKS AND RETAINING WALLS

DIVISION 1. GENERALLY.

SECTION 510.180. POLICY FOR THE CONSTRUCTION, REHABILITATION AND REPAIR OF STREETS, ALLEYS, CURBS, ETC.

- A. Upon the completion and adoption of the annual street condition survey, the Mayor and City Council, in conjunction with the City Administrator and Street Superintendent, shall establish an annual street program. The annual street program shall consist of two (2) functional parts. The first (1st) part shall be the construction program and the second (2nd) part shall be the general repair and maintenance program.

...

3. Street design standards. All streets within the City of Festus shall be subject to the following design standards:
- a. New construction. Any and all newly constructed streets within the City of Festus shall conform to all design standards and regulations prescribed in the **Standard Specifications and Details for Infrastructure Improvements, 2025 Edition, as adopted by Ordinance No. _____**. ~~City of Festus subdivision ordinance.~~
 - b. Substantial rehabilitation. All streets which are to be substantially rehabilitated as a part of the construction program shall generally conform to all design standards of the City of Festus subdivision ordinance, except where such circumstances exist which may require minor variances of those standards. Such circumstances shall include substandard right-of-way, excessive grades, alignment problems and subsurface drainage problems. All streets shall be substantially rehabilitated using either asphaltic overlay or Portland cement concrete.

SECTION V. Subsection (B) of Section 515.160 of Chapter 515 of the Code of Ordinances of the City of Festus, Missouri, is hereby amended, to read as follows (with added

language appearing in red and deletions struck through; unaffected subsections indicated by ellipses):

TITLE V. BUILDING AND CONSTRUCTION.

CHAPTER 515. EXCAVATIONS

SECTION 515.160 STANDARDS FOR WORK

...

B. For Street Excavations.

1. All excavations shall be saw cut full depth.
2. **Reserved.** ~~Fill/subgrade material shall be one (1) inch minus limestone aggregate only.~~
3. Subgrade elevation shall be nine (9) inches below existing pavement grade.
4. **Reserved.** ~~Asphalt wearing surface shall be three (3) inches of MoDOT's Type BP-2.~~
5. All saw cuts shall be squared up with vertical edges prior to paving.
6. Edges of the patch shall be sealed with SS1 or equal product.
7. Cut restorations and street repairs **shall conform to the Standard Specifications and Details for Infrastructure Improvements, 2025 Edition, as adopted by Ordinance No. _____.** ~~Section 515.240, Details A-1 or A-2.~~

...

SECTION VI. Section 515.240 of Chapter 515 of the Code of Ordinances of the City of Festus, Missouri, is hereby amended, to read as follows (with added language appearing in red and deletions struck through; unaffected provisions indicated by ellipsis):

TITLE V. BUILDING AND CONSTRUCTION.

CHAPTER 515. EXCAVATIONS

SECTION 515.240 PROJECT DETAIL

- A.** Where indicated in this Chapter, any work permitted under this Chapter shall conform to the relevant project details contained in this Section. To the extent any provision of this Section is inconsistent with another provision of Chapter 515, the more stringent provision shall apply.

...

5. ~~Reserved. Detail S-1; Festus Row Soil Cut/Fill #10~~
6. ~~Reserved. Detail A-1; Asphalt Road Utility Cut Pavement Restoration Detail.~~

...

SECTION VII. Subsection (B) Section 705.180 of Chapter 705 of the Code of Ordinances of the City of Festus, Missouri, is hereby amended, to read as follows (with added language appearing in red and deletions struck through; unaffected subsections indicated by ellipses):

TITLE VII. UTILITIES.

CHAPTER 705. WATERWORKS AND SEWERAGE SYSTEM

SECTION 705.180. OTHER WATER MAIN EXTENSIONS.

...

- B. All water main extensions shall be subject to the following specifications:

...

18. All water main extensions shall conform to the Standard Specifications and Details for Infrastructure Improvements, 2025 Edition, as adopted by Ordinance No. _____.

SECTION VIII. All Ordinances or parts of Ordinances in conflict with this Ordinance are hereby repealed.

SECTION IX. The sections of this Ordinance shall be severable. If any section of this Ordinance is found by a court of competent jurisdiction to be invalid, the remaining sections shall remain valid, unless the court finds that: (a) the valid sections are so essential to and inseparably connected with and dependent upon the void section that it cannot be presumed that the City Council has or would have enacted the valid sections without the void ones; and (b) the valid

sections, standing alone, are incomplete and are incapable of being executed in accordance with the legislative intent.

SECTION X. This Ordinance shall be in full force and effect upon its passage by the City Council and the approval by the Mayor.

READ TWO TIMES AND PASSED THIS _____ DAY OF _____, 2026.

President of the City Council

APPROVED THIS _____ DAY OF _____, 2026.

Mayor of the City of Festus

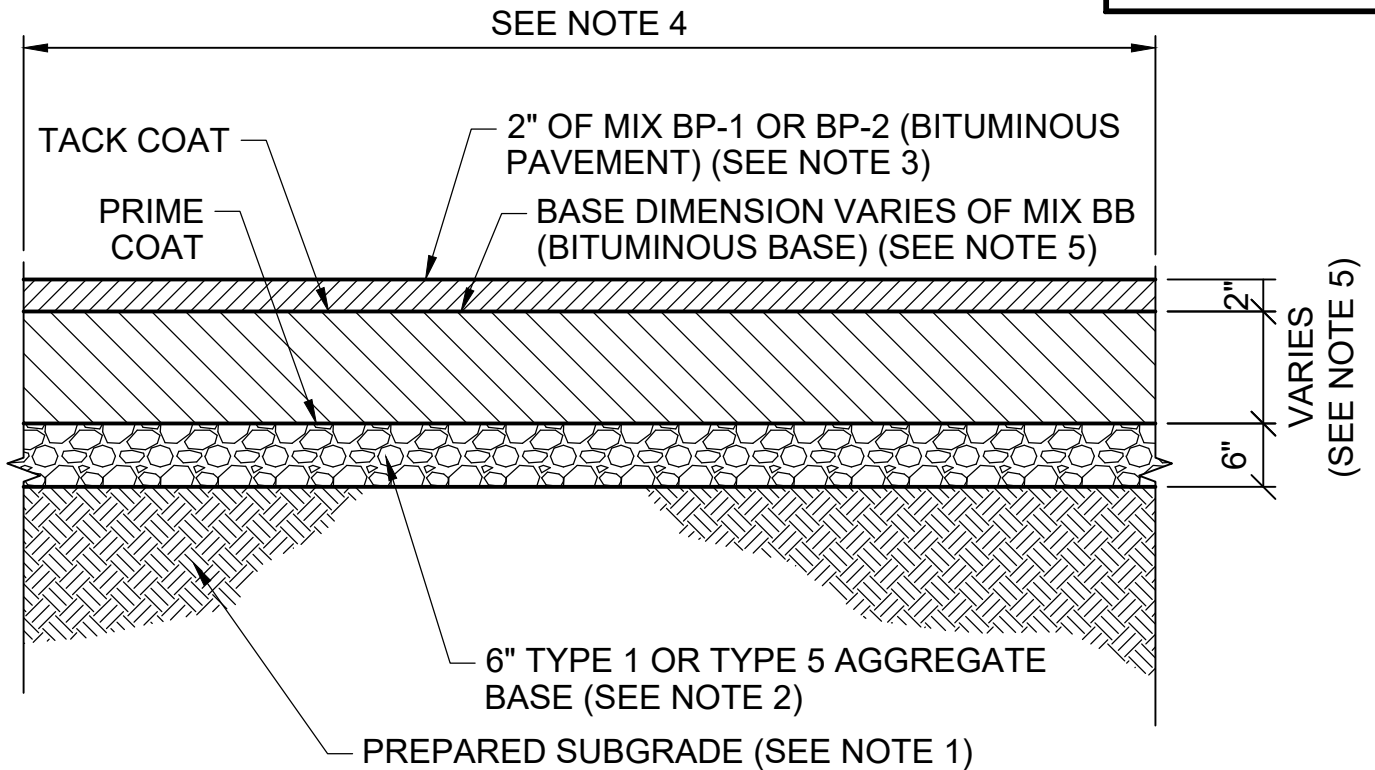
City Clerk

EXHIBIT A

[insert Standard Specifications and Details for Infrastructure Improvements, 2025 Edition]

EXHIBIT B

[*insert Standard Details, dated January 16, 2026*]



NOTES:

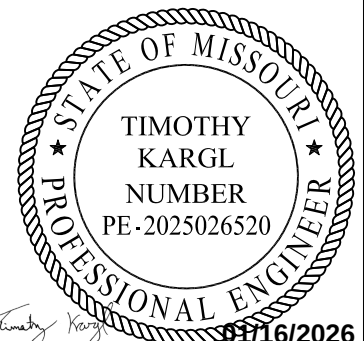
1. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH SPEC SECTION 312050. IF ENCOUNTERED, FAT CLAYS SHALL BE OVER-EXCAVATED 24-INCHES BELOW THE PAVEMENT.
2. AGGREGATE BASE SHALL BE TYPE 1 OR TYPE 5 AGGREGATE IN ACCORDANCE WITH SECTION 1007 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. AGGREGATE BASE SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION SECTION 31 20 50.
3. ASPHALT MIX SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION SECTION 32 16 00.
4. SAW CUT A MINIMUM OF 12" BEYOND THE TRENCH EDGE ON BOTH SIDES OF THE TRENCH SO THAT NO DAMAGE OCCURS TO THE SURROUNDING PAVEMENT.
5. THICKNESS OF BASE SHALL BE ADJUSTED TO MATCH OVERALL THICKNESS OF EXISTING PAVEMENT.
6. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT.
7. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



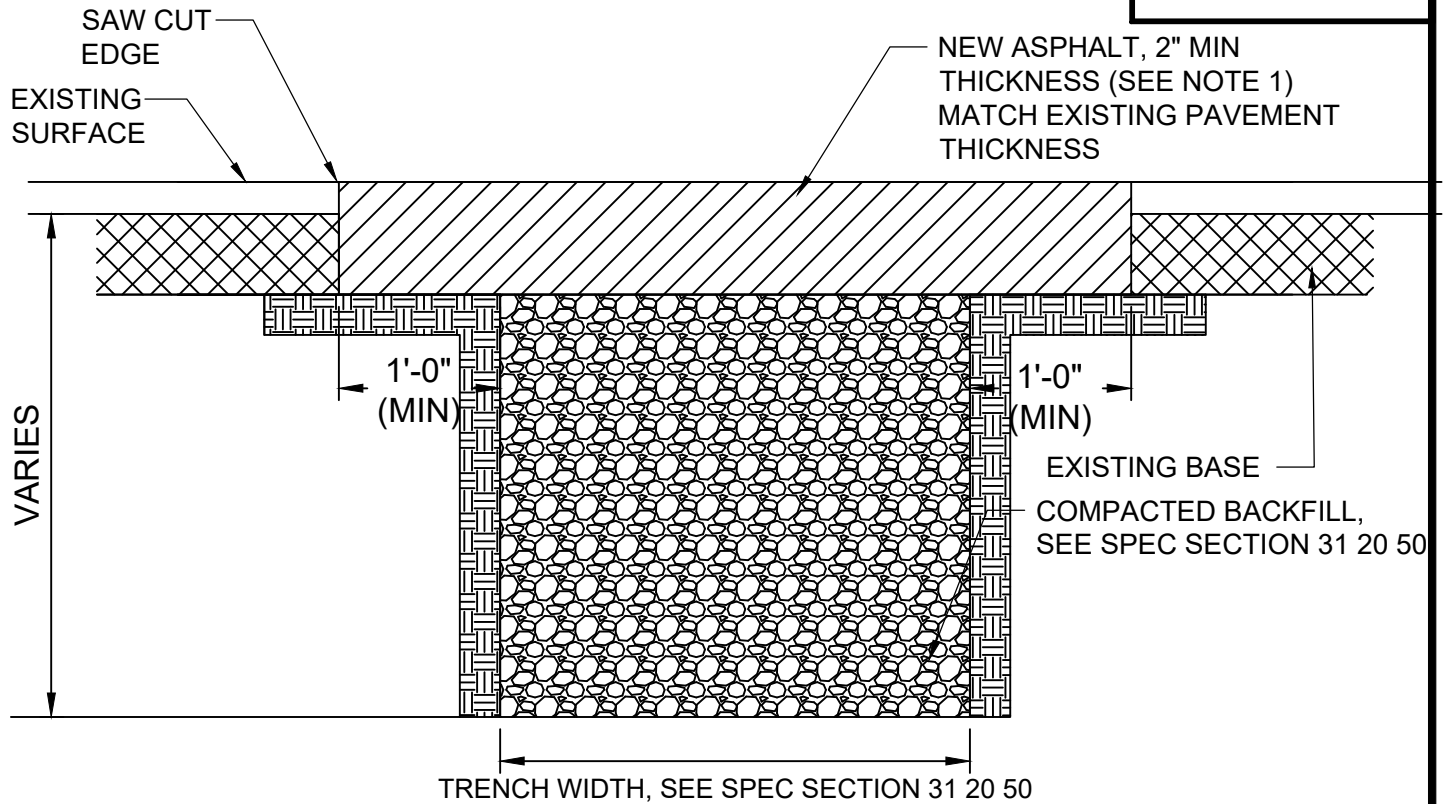
1/16/26

CITY OF FESTUS
STANDARD DETAILS

ASPHALT DRIVEWAY
RESTORATION



PRELIMINARY - NOT
FOR CONSTRUCTION



NOTES:

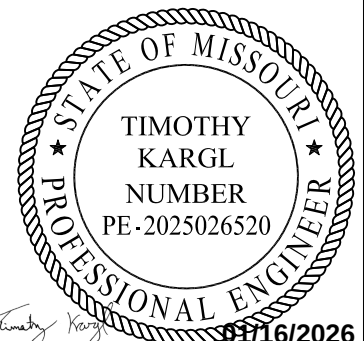
1. SURFACE RESTORATION SHALL BE HMA MIX BP-1 OR BP-2 (BITUMINOUS PAVEMENT) IN ACCORDANCE WITH MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. IF CONCRETE SURFACE, SEE CONCRETE ROADWAY DETAIL
2. THICKNESS OF BASE COURSE SHALL MATCH EXISTING PAVEMENT BASE THICKNESS.
3. IF THE BASE OF THE EXISTING PAVEMENT IS CONCRETE, THE BASE OF THE PAVEMENT PATCH SHALL ALSO BE CONCRETE. VERY EARLY STRENGTH CONCRETE SHALL BE CSA CEMENT VERY EARLY STRENGTH CONCRETE OR LATEX MODIFIED VERY EARLY STRENGTH CONCRETE IN ACCORDANCE WITH SECTION 505 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. THICKNESS OF THE BASE SHALL BE ADJUSTED TO MATCH OVERALL THICKNESS OF EXISTING PAVEMENT.
 - 3.1. IF THE BASE OF THE EXISTING PAVEMENT IS NOT CONCRETE, THE BASE OF THE PAVEMENT PATCH MAY BE THE FOLLOWING, AS APPROVED BY THE CITY:
 - 3.1.1. CONCRETE, AS DEFINED IN NOTE 3.
 - 3.1.2. HMA AS DEFINED IN NOTE 1.
4. WHERE THE EXISTING PAVEMENT BASE IS CONCRETE, THE CONCRETE BASE OF THE PATCH SHALL MATCH EXISTING BASE DEPTH.
5. MAXIMUM PAVEMENT DISTURBANCE FOR WATER MAIN WORK SHALL BE TRENCH WIDTH + 2', UNLESS OTHERWISE APPROVED. ANY DISTURBANCE BEYOND MAX PAY WIDTH SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
6. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
7. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



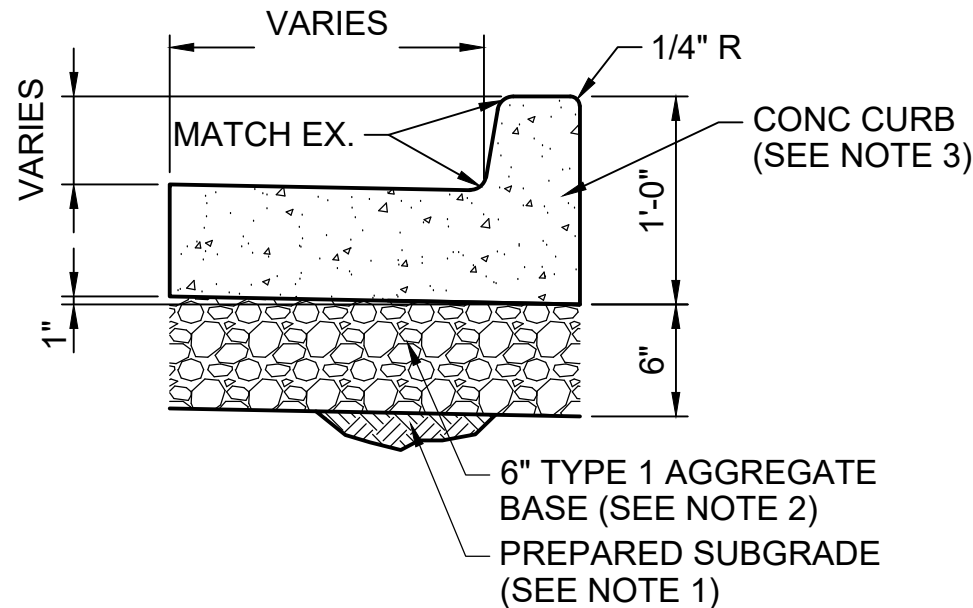
CITY OF FESTUS
STANDARD DETAILS

ASPHALT ROADWAY
RESTORATION

1/16/26



PRELIMINARY - NOT
FOR CONSTRUCTION



NOTES:

1. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH SPEC SECTION 31 20 50. IF ENCOUNTERED, FAT CLAYS SHALL BE OVER-EXCAVATED 24-INCHES BELOW THE PAVEMENT.
2. AGGREGATE BASE SHALL BE TYPE 1 OR TYPE 5 AGGREGATE IN ACCORDANCE WITH SECTION 1007 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. CONCRETE SHALL BE PAVEMENT CONCRETE OR CLASS B-1 CONCRETE MIXTURE IN ACCORDANCE WITH SECTION 501 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. MATCH EXISTING THICKNESS OF CONCRETE OR MINIMUM THICKNESS AS INDICATED ON DETAILS, WHICHEVER IS GREATER.
4. PROVIDE CONSTRUCTION JOINTS AT A MINIMUM OF 10'.
5. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
6. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



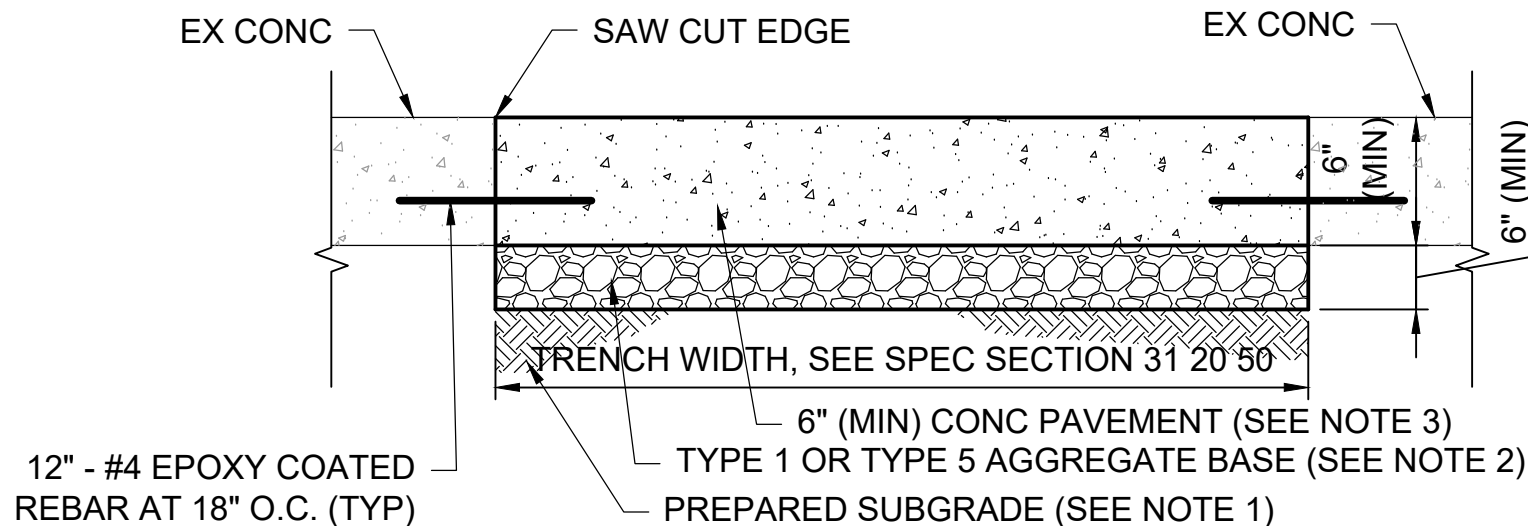
1/16/26

CITY OF FESTUS
STANDARD DETAILS

CONCRETE CURB & GUTTER



**PRELIMINARY - NOT
FOR CONSTRUCTION**



NOTES:

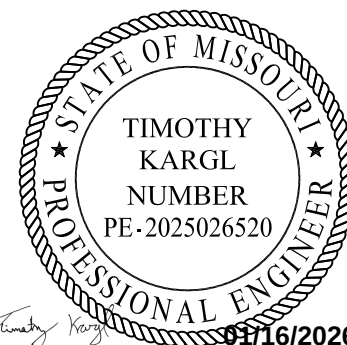
1. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH SPEC SECTION 312050. IF ENCOUNTERED, FAT CLAYS SHALL BE OVER-EXCAVATED 24-INCHES BELOW THE PAVEMENT.
2. AGGREGATE BASE SHALL BE TYPE 1 OR TYPE 5 AGGREGATE IN ACCORDANCE WITH SECTION 1007 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. CONCRETE SHALL BE PAVEMENT CONCRETE OR CLASS B-1 CONCRETE MIXTURE IN ACCORDANCE WITH SECTION 501 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. MATCH EXISTING THICKNESS OF CONCRETE OR MINIMUM THICKNESS AS INDICATED ON DETAILS, WHICHEVER IS GREATER.
4. PROVIDE CONSTRUCTION JOINTS AT A MINIMUM OF 10'.
5. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
6. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

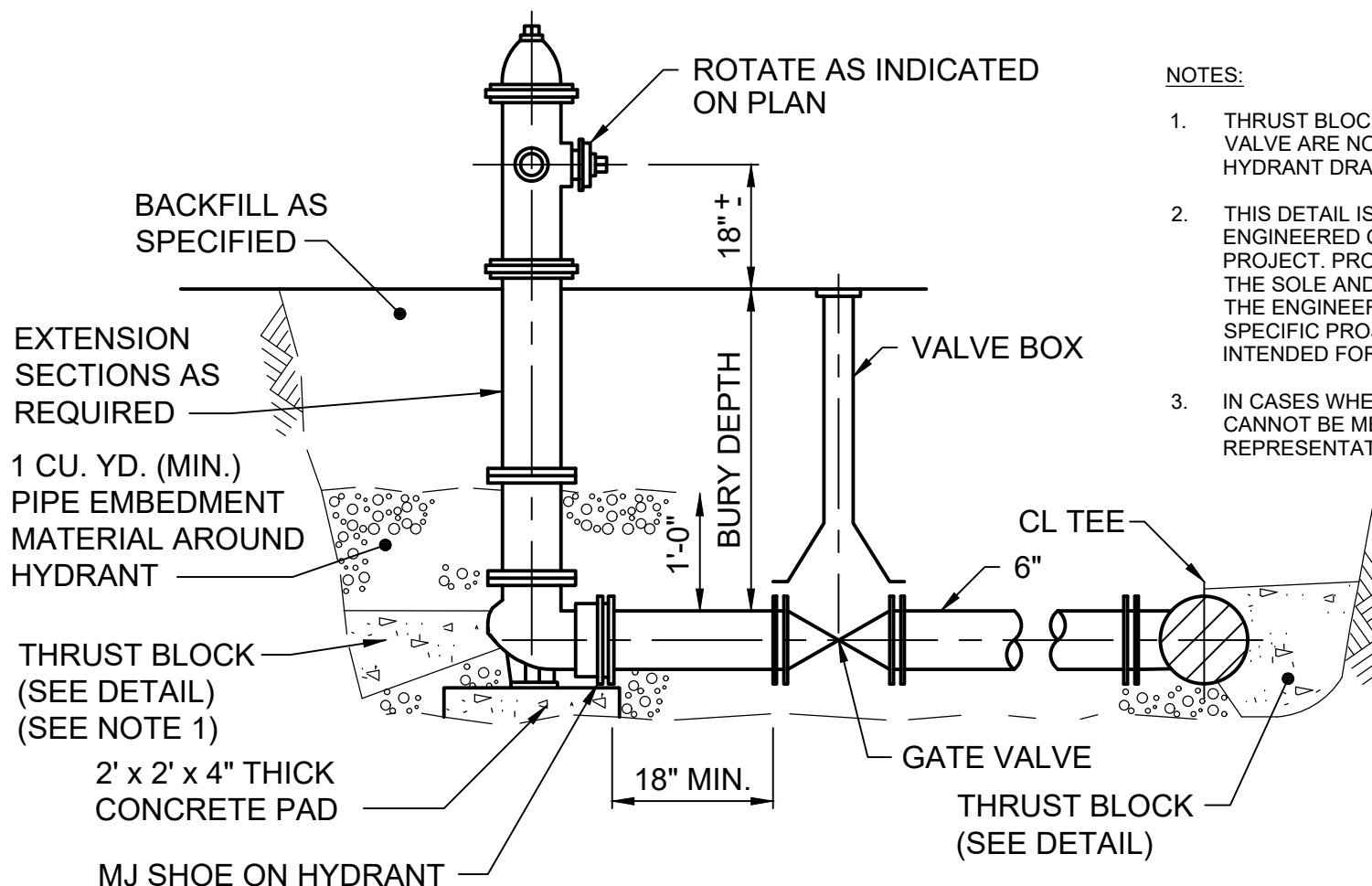


1/16/26

**CITY OF FESTUS
STANDARD DETAILS**

**CONCRETE ROADWAY
RESTORATION**





NOTES:

1. THRUST BLOCK REQUIRED WHEN HYDRANT & VALVE ARE NOT RESTRAINED. DO NOT COVER HYDRANT DRAIN HOLES W/ CONC.
2. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
3. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



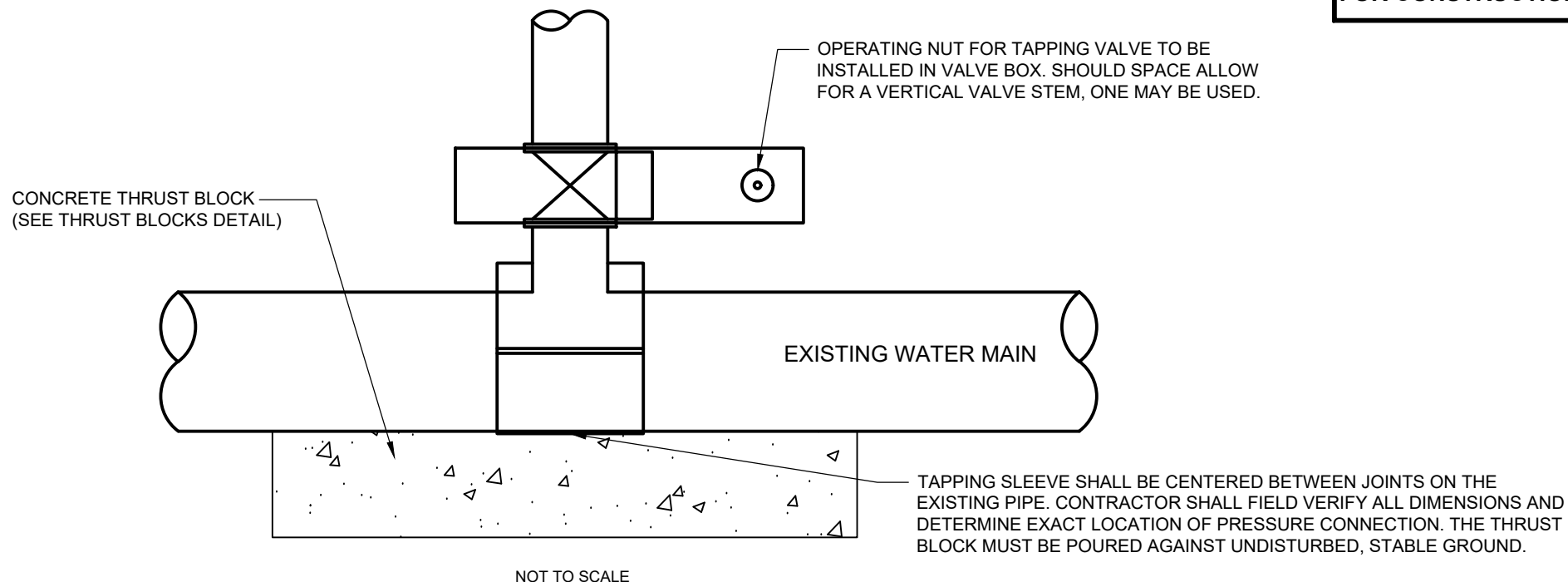
1/16/26

**CITY OF FESTUS
STANDARD DETAILS**

FIRE HYDRANT AND ISOLATION VALVE



**PRELIMINARY - NOT
FOR CONSTRUCTION**



NOTES:

1. PROPOSED PRESSURE CONNECTION LOCATION AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE PROPOSED WATER MAIN SHALL BE ADJUSTED AS NEEDED TO ACCOMMODATE ANY REQUIRED FIELD CHANGES.
2. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION IN THE FIELD IN ORDER TO CONFIRM THE EXACT LOCATION OF THE PROPOSED PRESSURE CONNECTION.
3. VALVE BOXES. SEE SPEC SECTION 33 12 16.
- 3.1. PROVIDE STANDARD CAST IRON VALVE BOXES FOR MAIN VALVE OPERATOR
4. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
5. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

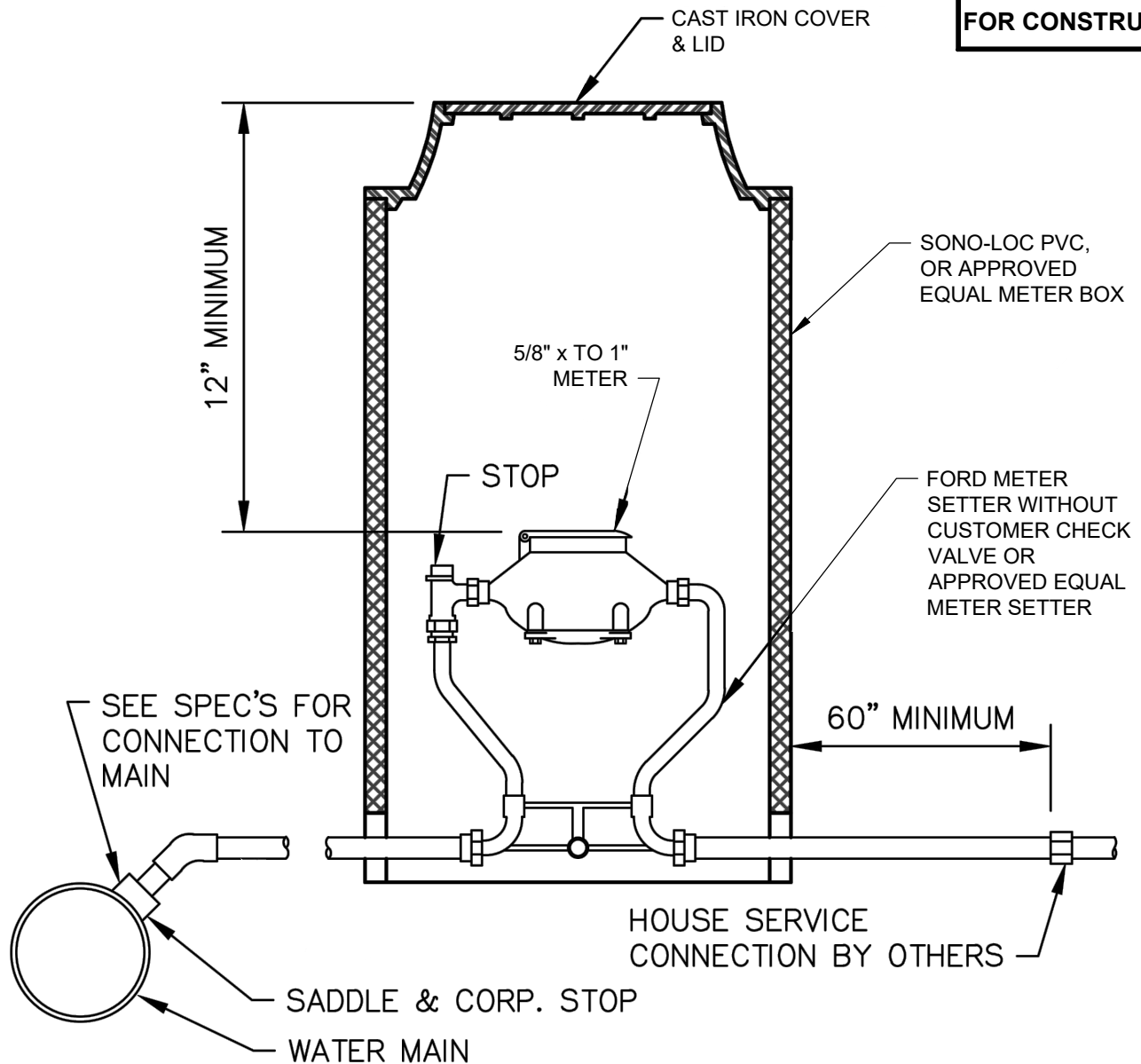


1/16/26

**CITY OF FESTUS
STANDARD DETAILS**

PRESSURE TAP/CONNECTION





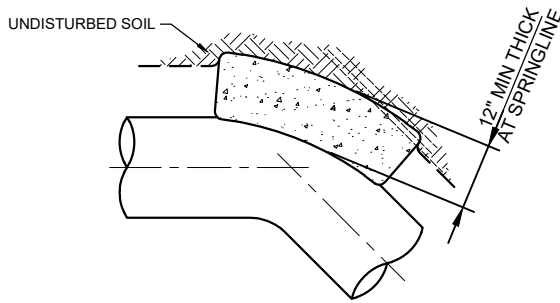
NOTES:

1. METER TO BE PLACED 5'-0" WITHIN PROPERTY LINE OR WATER MAIN.
2. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT.
3. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

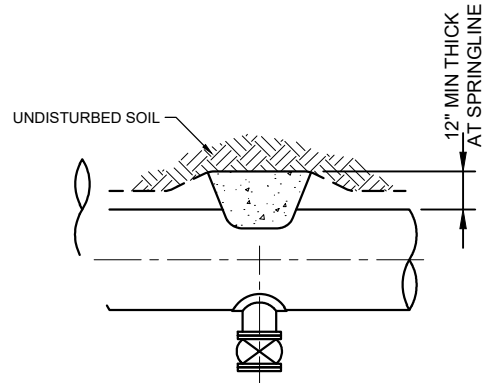


CITY OF FESTUS STANDARD DETAILS
SERVICE CONNECTION (5/8" TO 1" METERS)
1/16/26

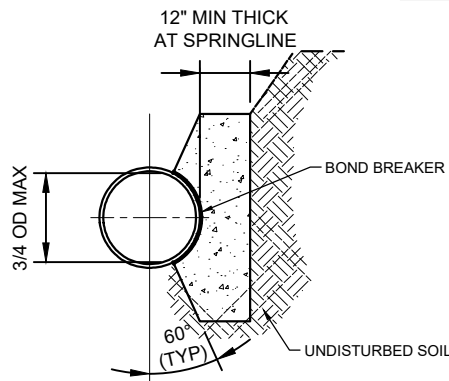




PLAN - TYPE 1



PLAN - TYPE 2



ELEVATION - TYPE 1 & 2

**MINIMUM BEARING SURFACE AREA
(IN SQUARE FEET)**

NOMINAL PIPE DIAMETER	BENDS				TEE OR DEAD END
	11 1/4°	22 1/2°	45°	90°	
4.00	1.00	1.00	1.00	1.75	1.25
6.00	1.00	1.25	2.25	3.25	2.75
8.00	1.00	2.00	3.75	6.75	5.00
12.00	2.25	4.25	8.25	15.00	10.75
16.00	3.25	7.50	14.25	26.50	18.75
20.00	5.00	9.75	19.25	35.50	25.00
24.00	7.00	14.00	27.75	51.00	36.00

NOTES:

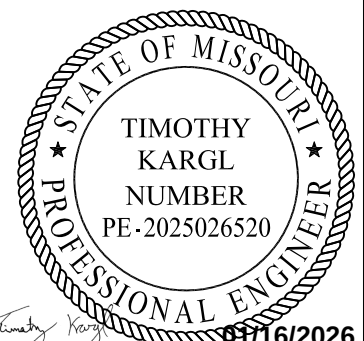
1. THE MINIMUM BEARING SURFACE AREAS SHOWN IN THE TABLE ARE BASED ON THE 150 POUNDS PER SQUARE INCH INTERNAL PIPE PRESSURE PLUS WATER HAMMER AND 3000 POUNDS PER SQUARE FOOT ALLOWABLE SOIL BEARING CAPACITY.
A. WATER HAMMER = 110 POUNDS PER SQUARE INCH FOR 4", 6", 8", 12", AND 16"
B. WATER HAMMER = 70 POUNDS PER SQUARE INCH FOR 20" AND 24"
2. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
3. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

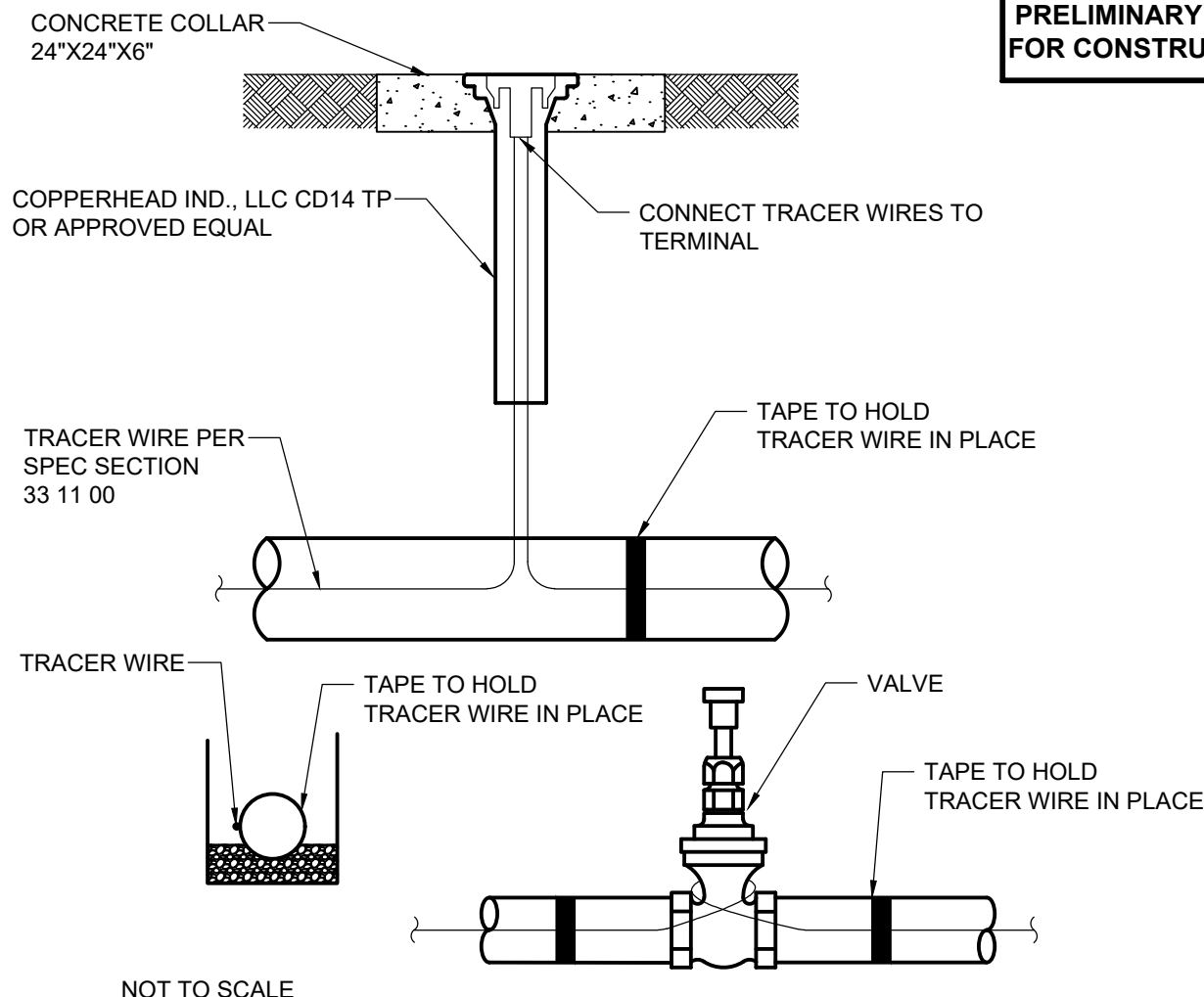


**CITY OF FESTUS
STANDARD DETAILS**

THRUST BLOCKS

1/16/26





NOTES:

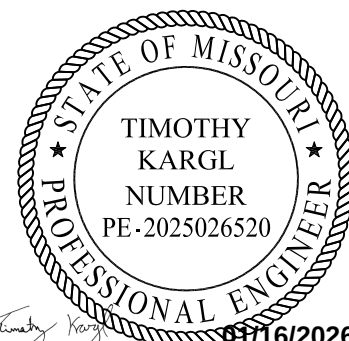
1. WIRE SHALL BE SPLICED USING 3M DIRECT BURY SPLICE KIT DBR/Y-6 OR APPROVED EQUAL.
2. TERMINAL BOXES SHALL BE LOCATED AT APPROXIMATE INTERVALS OF 500' AT LOCATIONS DETERMINED BY THE ENGINEER AND AT EACH END OF THE PIPING INSTALLATION. A CONCRETE COLLAR SHALL BE PLACED ON EACH TERMINAL BOX LOCATED OUTSIDE OF PAVEMENT SURFACES OR SIDEWALKS.
3. TAPE BANDS SHALL BE PLACED EVERY FOUR FEET TO HOLD TRACER WIRE IN PLACE DURING INSTALLATION.
4. THE CONTRACTOR SHALL PROVIDE AN INSTRUMENT AND DEMONSTRATE THE ELECTRICAL CONTINUITY OF ALL TRACER WIRES PRIOR TO THE FINAL ACCEPTANCE BY THE OWNER.
5. TRACER WIRE SHALL BE INSTALLED ON ALL NON-METALLIC WATERLINES AND INSTALLED IN THE LOCATION DIRECTED BY THE ENGINEER BUT SHALL GENERALLY BE LOCATED IMMEDIATELY ADJACENT TO THE PIPE AND AT THE SAME DEPTH. TRACER WIRE SHALL ALSO BE INSTALLED ON SERVICE LINES BETWEEN THE WATERLINE AND THE WATER METER. TRACER WIRE SHALL EXTEND AT LEAST ONE FOOT INTO METER BOX.
6. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
7. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET,
A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

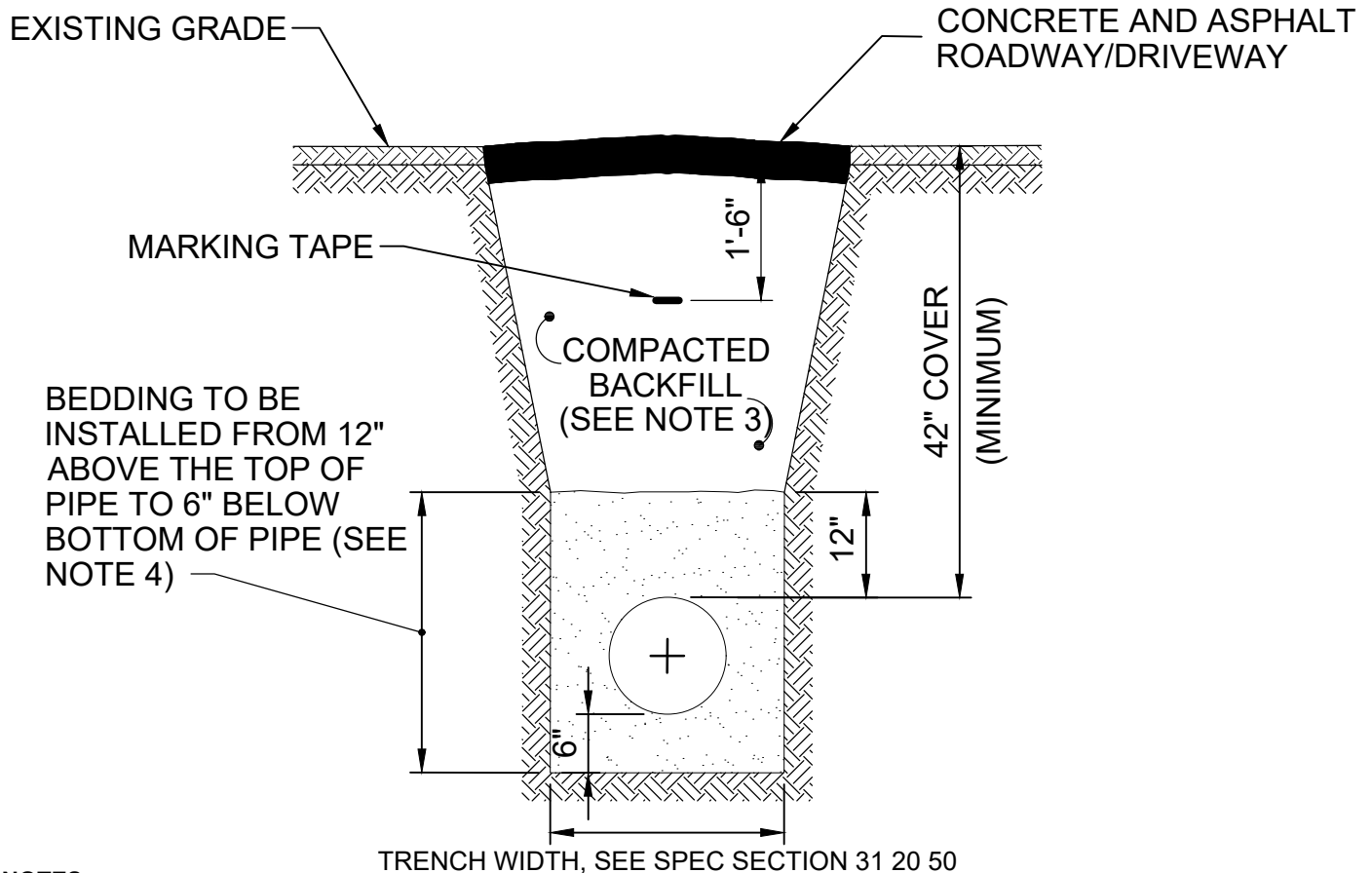


**CITY OF FESTUS
STANDARD DETAILS**

TRACER WIRE

1/16/26





NOTES:

1. TRENCH TO BE BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN ACCORDANCE WITH ALL OSHA REGULATIONS.
2. MINIMUM COVER TO BE BELOW EXISTING GRADE SHALL BE 42".
3. COMPACTED BACKFILL MATERIAL AS SPECIFIED IN SPECIFICATION SECTION 31 20 50.
4. BEDDING MATERIALS SHALL AS SPECIFIED IN SPECIFICATION SECTION 31 20 50.
5. ALL PLASTIC WATER PIPE SHALL HAVE A TRACER WIRE. SEE TRACER WIRE DETAIL AND SPECIFICATIONS.
6. SEE PAVEMENT RESTORATION DETAILS FOR PATCHING REQUIREMENTS
7. PAY WIDTH SHALL NOT EXCEED MAXIMUM TRENCH WIDTH PER SPECIFICATION SECTION 31 20 50.
8. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
9. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

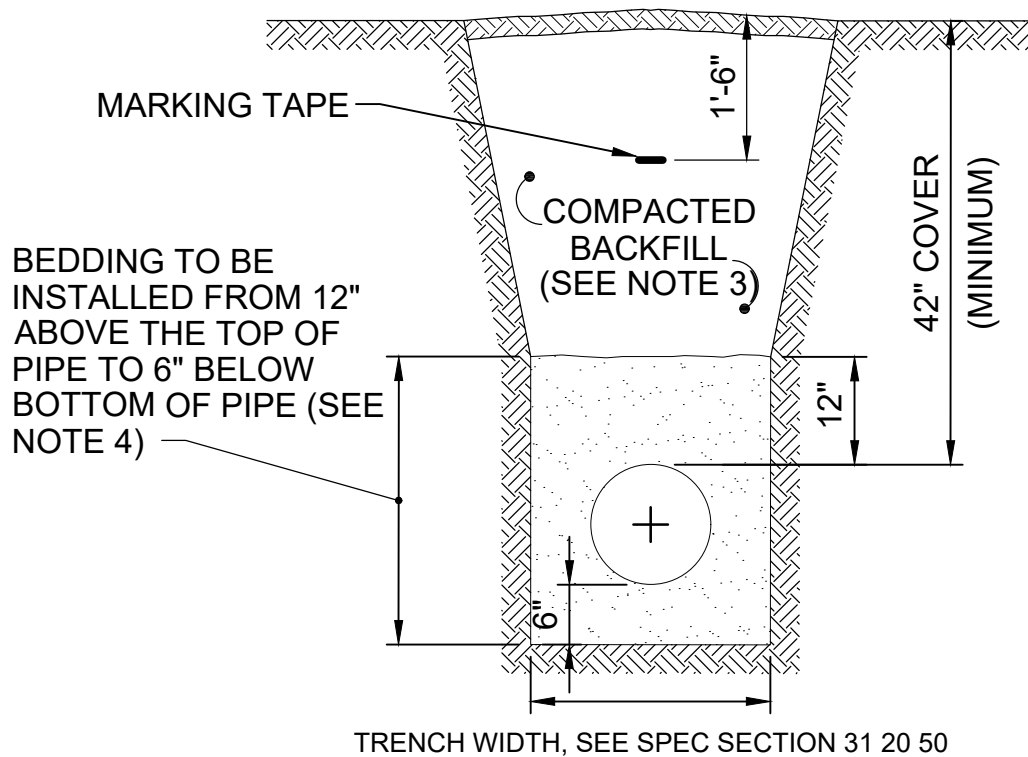


CITY OF FESTUS
STANDARD DETAILS

TRENCH SECTION IN
PAVED AREAS

1/16/26





NOTES:

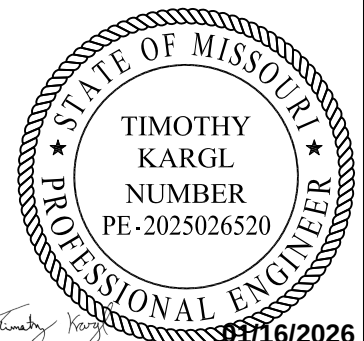
1. TRENCH TO BE BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN ACCORDANCE WITH ALL OSHA REGULATIONS.
2. MINIMUM COVER TO BE BELOW EXISTING GRADE SHALL BE 42".
3. COMPACTED BACKFILL MATERIAL AS SPECIFIED IN SPECIFICATION SECTION 31 20 50.
4. BEDDING MATERIALS SHALL AS SPECIFIED IN SPECIFICATION SECTION 31 20 50.
5. ALL PLASTIC WATER PIPE SHALL HAVE A TRACER WIRE. SEE TRACER WIRE DETAIL AND SPECIFICATIONS
6. PAY WIDTH SHALL NOT EXCEED MAXIMUM TRENCH WIDTH PER SPECIFICATION SECTION 31 20 50.
7. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
8. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



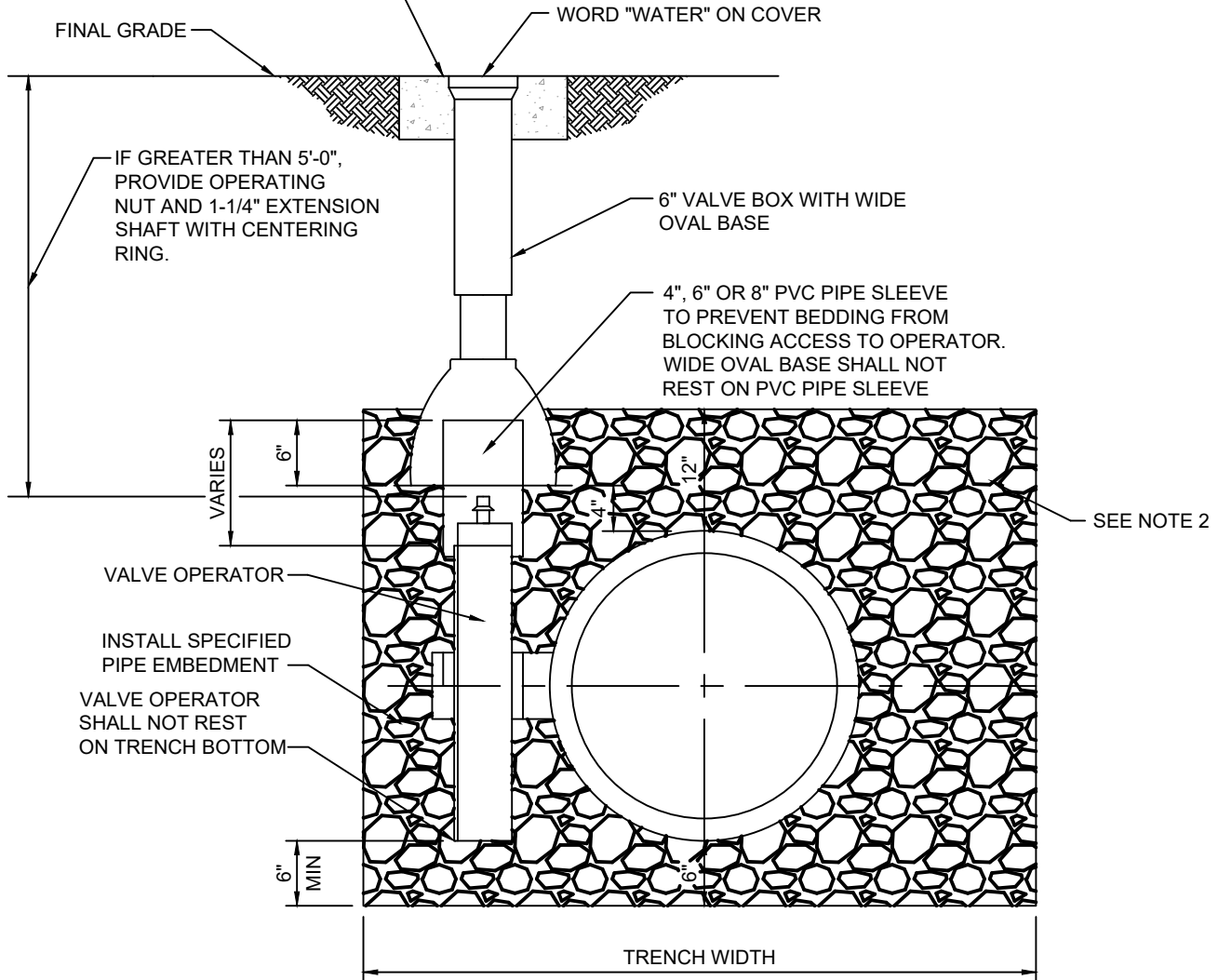
CITY OF FESTUS
STANDARD DETAILS

TRENCH SECTION IN
UNPAVED AREAS

1/16/26



FOR VALVES INSTALLED OUTSIDE
OF PAVEMENT, CONSTRUCT
18"x18" CONCRETE COLLAR 6" THICK
PAD TO BE 3" MAX ABOVE GRADE



NOTES:

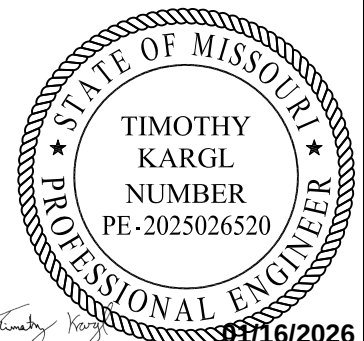
1. THIS DETAIL IS FOR BUTTERFLY VALVE INSTALLATIONS 20-INCHES IN DIAMETER.
2. CARE SHALL BE TAKEN WHEN INSTALLING VALVES TO ASSURE PROPER SUPPORT OF THE VALVE. CONTRACTOR SHALL INSTALL TYPE 1 OR TYPE 5 AGGREGATE UNDER AND AROUND THE VALVE TO PROVIDE PROPER SUPPORT.
3. VALVES SHALL NOT BE PLACED IN CONCRETE CROSS PANS.
4. OPERATING NUTS SHALL NOT BE SET CLOSER THAN THREE (3) FEET TO FINAL GRADE OR DEEPER THAN FIVE (5) FEET FROM FINAL GRADE. OPERATOR EXTENSIONS SHALL BE CONNECTED TO VALVE OPERATOR USING SET SCREW.
5. BUTTERFLY VALVE AND OPERATOR SHALL BE POLYETHYLENE WRAPPED.
6. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
7. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



**CITY OF FESTUS
STANDARD DETAILS**

**TYPICAL BURIED
BUTTERFLY VALVE**

1/16/26



FOR VALVES INSTALLED IN PAVEMENT,
SET VALVE BOX TO GRADE

WORD "WATER" ON LID

18" SQ. x 6" THICK CONC. PAD TO BE 2"
ABOVE GRADE OUTSIDE OF PAVEMENT.

IRON VALVE BOX. SEE
SPEC SECTION 33 12 16

2" OPERATIONS NUT

WIDE OVAL BASE

RESTRAINING
MECHANICAL GLAND
"MEGALUG" TYPE

APPROVED GATE
VALVE

CONCRETE BLOCK
OR POURED IN
PLACE CONCRETE
SADDLE

CONCRETE BLOCK

20"

2"

NOTES:

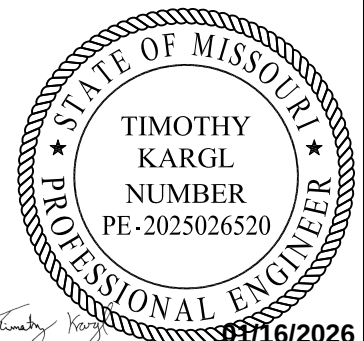
1. CARE SHALL BE TAKEN WHEN INSTALLING VALVES TO ASSURE PROPER SUPPORT OF THE VALVE.
2. OPERATING NUTS SHALL BE SET NO DEEPER THAN THREE (3) FEET TO FINAL GRADE. OPERATOR EXTENSIONS SHALL BE CONNECTED TO VALVE OPERATOR USING SET SCREW.
3. GATE VALVE, VALVE BOX, AND OTHER DUCTILE IRON HARDWARE SHALL BE POLYETHYLENE WRAPPED.
4. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
5. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



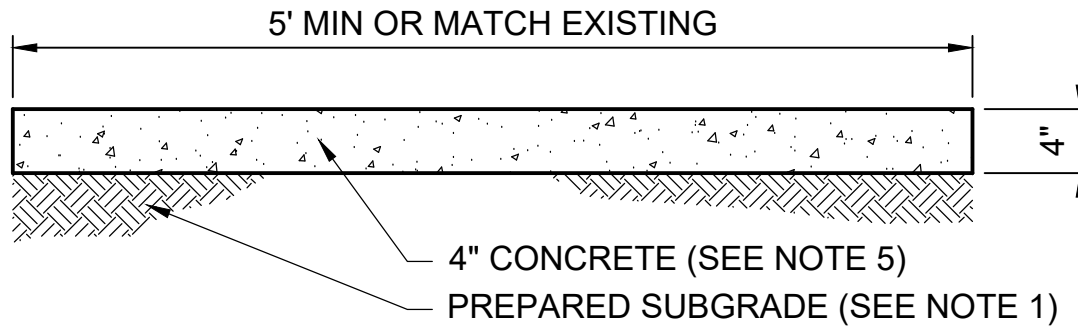
**CITY OF FESTUS
STANDARD DETAILS**

**TYPICAL BURIED
GATE VALVE**

1/16/26



PRELIMINARY - NOT
FOR CONSTRUCTION



SECTION

NOTES:

1. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH SPEC SECTION 31 20 50. IF ENCOUNTERED, FAT CLAYS SHALL BE OVER-EXCAVATED 24-INCHES BELOW THE PAVEMENT.
2. AGGREGATE BASE SHALL BE TYPE 1 OR TYPE 5 AGGREGATE IN ACCORDANCE WITH SECTION 1007 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. CONCRETE SHALL BE PAVEMENT CONCRETE OR CLASS B-1 CONCRETE MIXTURE IN ACCORDANCE WITH SECTION 501 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. MATCH EXISTING THICKNESS OF CONCRETE OR MINIMUM THICKNESS AS INDICATED ON DETAILS, WHICHEVER IS GREATER.
4. PROVIDE CONSTRUCTION JOINTS AT A MINIMUM OF 5'.
5. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
6. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



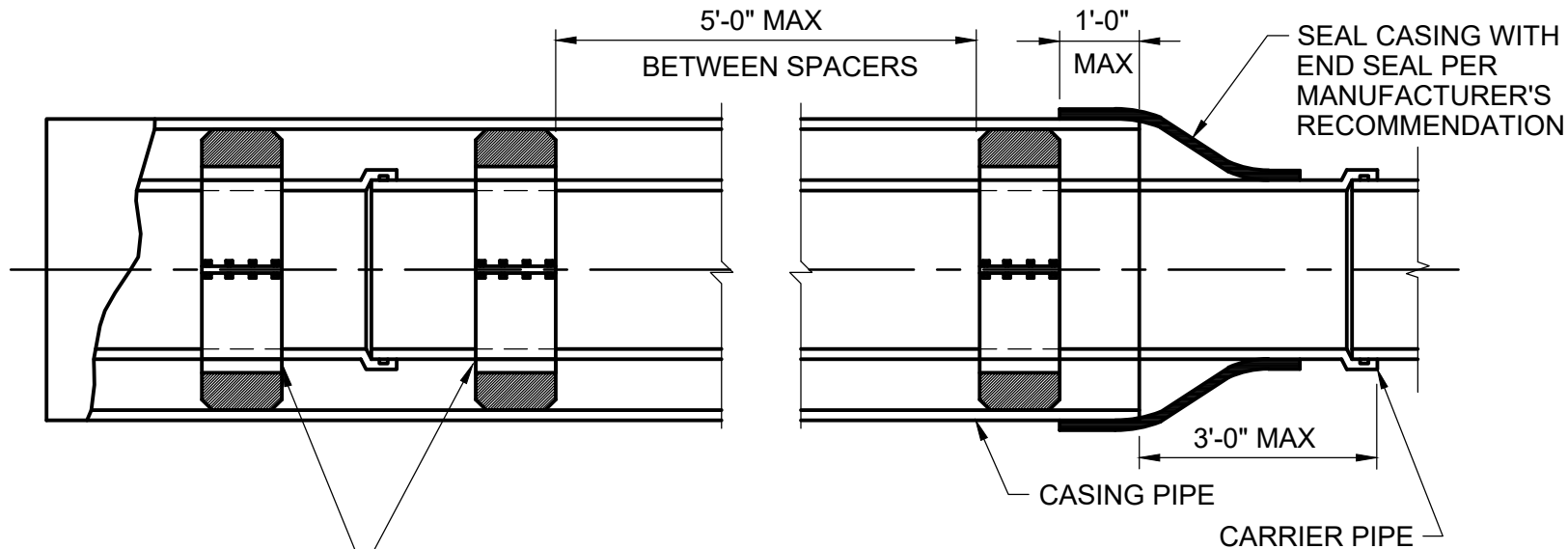
1/16/26

CITY OF FESTUS
STANDARD DETAILS

TYPICAL SIDEWALK



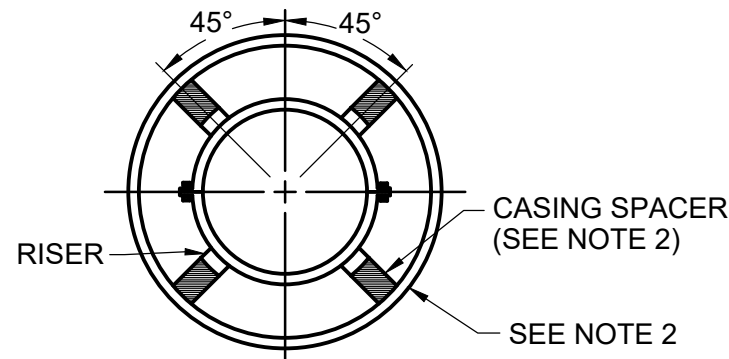
**PRELIMINARY - NOT
FOR CONSTRUCTION**



SPACER-MAX OF
1'-0" FROM EACH
SIDE OF JOINT

NOTES:

1. BOTH ENDS OF CASING SHALL BE SEALED WITH AN END SEAL PER MANUFACTURER'S RECOMMENDATION.
2. CASING PIPE AND CASING SPACER SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC SECTION 33 12 16.
3. CARRIER PIPE SHALL BE RESTRAINED THROUGHOUT CASING PIPE LENGTH
4. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
5. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



1/16/26

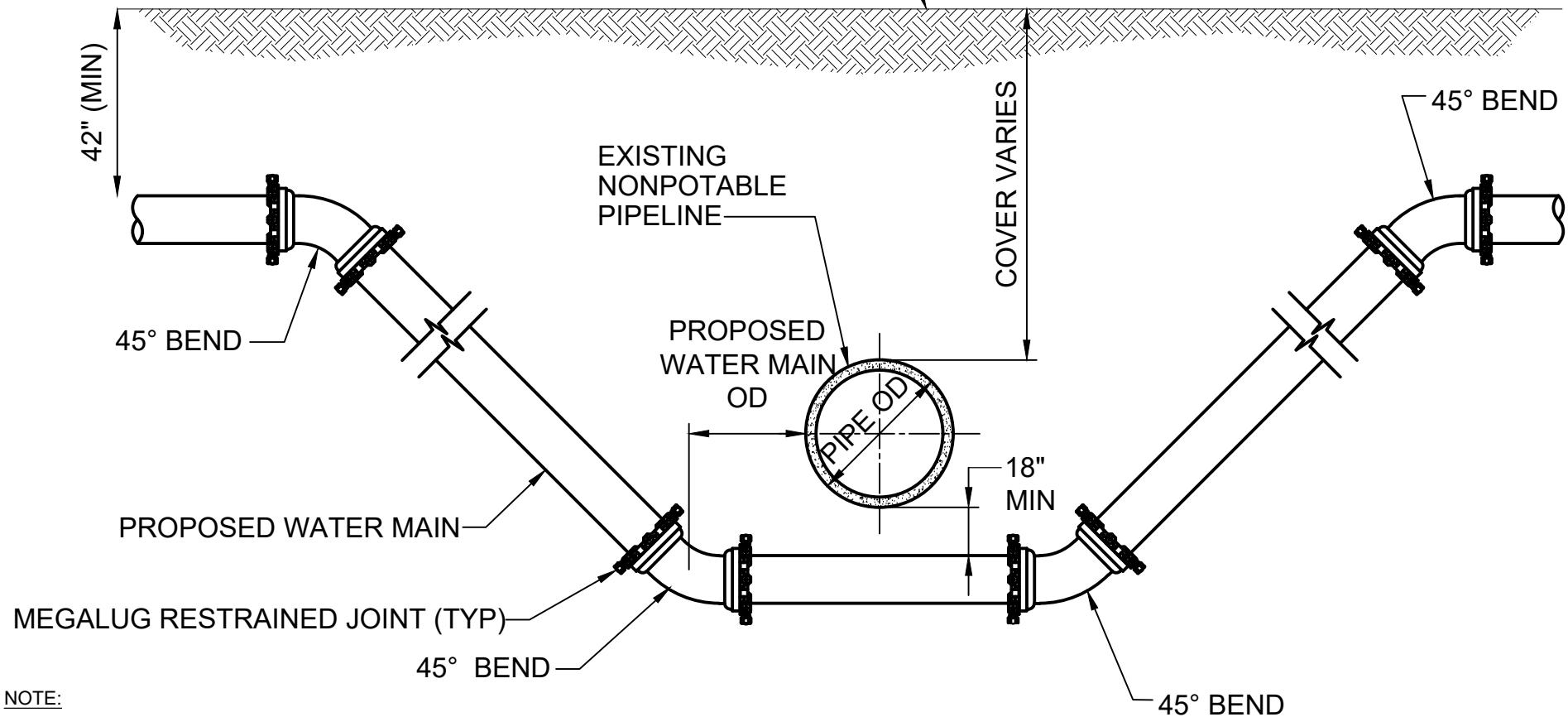
CITY OF FESTUS
STANDARD DETAILS

UTILITY CASING PIPE



PRELIMINARY - NOT
FOR CONSTRUCTION

FINAL GRADE



NOTE:

1. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
2. REFER TO TRACER WIRE DETAIL
3. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.

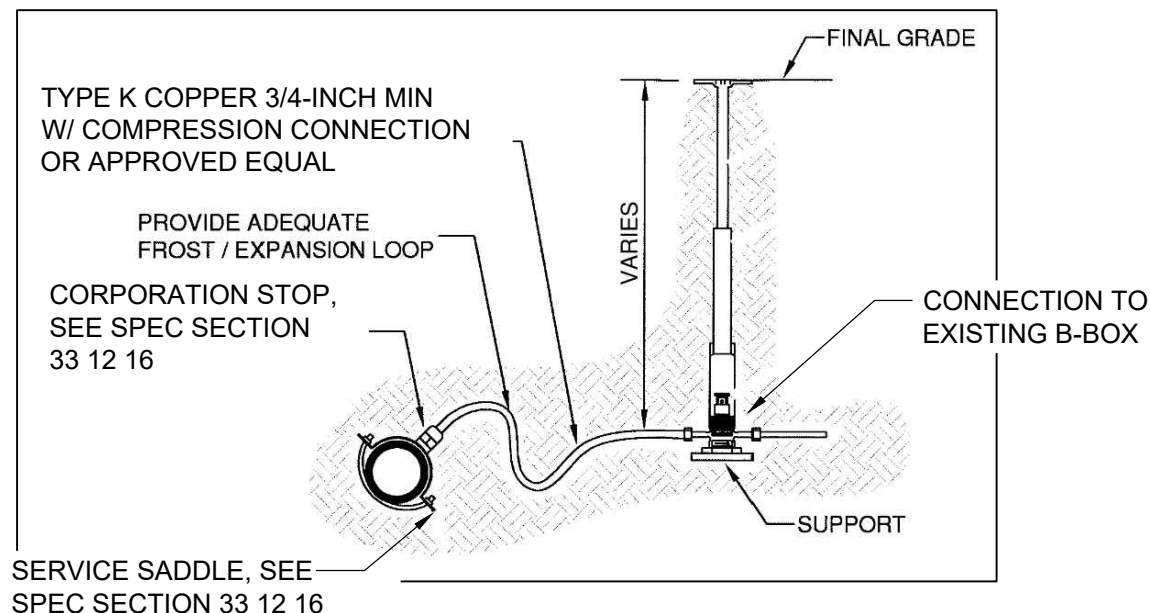


1/16/26

CITY OF FESTUS
STANDARD DETAILS

UTILITY PIPE CROSSING





NOTES:

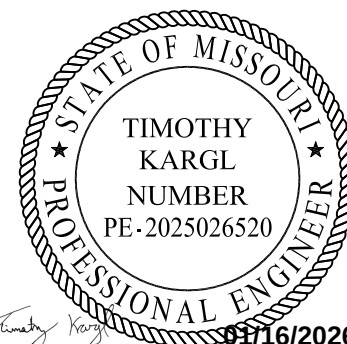
1. ALL BRASS FITTINGS, SUCH AS TAILPIECES, VALVES, CORPS, FLANGES, STRAINERS, SHALL BE NO LEAD, LOW-LEAD OR ENVIROBRASS CONFORMING TO 2020 EPA REQUIREMENTS SHALL BE CLEARLY LABELED OR MARKED.
2. MINIMUM OF 10' SEPARATION MUST BE MAINTAINED BETWEEN THE WATER SERVICE AND EXISTING SANITARY SERVICE.
3. CONNECTIONS SHALL BE MADE TO EXISTING B-BOXES.
4. THIS DETAIL IS NOT CONSIDERED ENGINEERED OR DESIGNED FOR EVERY PROJECT. PROFESSIONAL RESPONSIBILITY IS THE SOLE AND EXCLUSIVE OBLIGATION OF THE ENGINEER OF RECORD FOR EACH SPECIFIC PROJECT IN WHICH THIS DETAIL IS INTENDED FOR USE.
5. IN CASES WHERE DETAIL SPECIFICATIONS CANNOT BE MET, A CITY OF FESTUS REPRESENTATIVE MUST APPROVE THE WORK.



1/16/26

**CITY OF FESTUS
STANDARD DETAILS**

WATER SERVICE TRANSITION



CITY OF FESTUS, MISSOURI



STANDARD SPECIFICATIONS AND DETAILS FOR INFRASTRUCTURE IMPROVEMENTS 2025 EDITION

PUBLIC WORKS DEPARTMENT

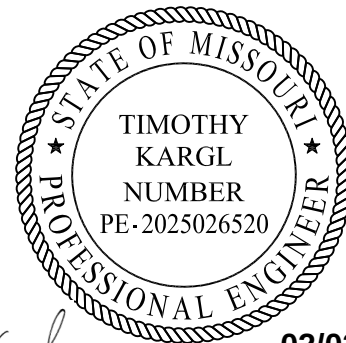
TABLE OF CONTENTS

STANDARD SPECIFICATIONS

31 20 50	Site Preparation and Earthwork
32 16 00	Curbs, Gutters, Driveways and Pavement Restoration
32 92 00	Seeding and Sodding
33 01 10.58	Disinfection of Water Utility Piping Systems
33 11 00	Pressure Pipe
33 12 16	Utility Valves, Hydrant and Accessories

STANDARD DETAILS

01	Asphalt Driveway Restoration
02	Asphalt Roadway Restoration
03	Concrete Curb & Gutter
04	Concrete Roadway Restoration
05	Fire Hydrant and Isolation Valve
06	Pressure Tap/Connection
07	Service Connection (5/8" to 1" Meters)
08	Thrust Blocks
09	Tracer Wire
10	Trench Section in Paved Areas
11	Trench Section in Unpaved Areas
12	Typical Buried Butterfly Valve
13	Typical Buried Gate Valve
14	Typical Sidewalk
15	Utility Casing Pipe
16	Utility Pipe Crossing
17	Water Service Transition



Timothy Kargl

02/02/2026

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK

PART 1 - GENERAL

1.01 SUMMARY:

- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
- B. This Section includes Site preparation activities and certain items of earthwork common to other related Work.

1.02 REFERENCES:

- A. Applicable Standards:
 - 1. American Association of State Highway and Transportation Officials (AASHTO):
 - a. M80 - Coarse Aggregate for Portland Cement Concrete.
 - b. T104 - Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate.
 - 2. American Society for Testing and Materials (ASTM):
 - a. D698 – Standard Test Methods for Laboratory Compaction Characteristic of Soil using Standard Effort.
 - b. D4253 - Test Method for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table.
 - c. D4254 - Test Method for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density.
 - d. D4318 - Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
 - e. D4546 - Test Methods for One-Dimensional Swell/Settlement Potential of Cohesive Soils.
 - f. D6938 - Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth).
 - 3. Missouri Department of Natural Resources – Minimum Design Standards for Missouri Community Water Systems.
 - 4. Missouri Standard Specifications for Highway Construction, Latest Edition

1.03 DEFINITIONS:

- A. Borrow: Earth materials obtained from sources other than excavations or stockpiles within the area to be graded by Contractor.
- B. Clearing: The removal of trees, shrubs, and other vegetation above the existing grade surface.
- C. Demolition: The removal of improvements without regard to class and type of construction or material.
- D. Excavation: Material removed (cut) below the elevation of the original (existing) ground surface.
- E. Fill: Material placed above the elevation of the original (existing) ground surface after stripping or material used in restoring an earlier excavation.
- F. Subgrade: The surface layer of earth on which structures, pavements, railroads, or other surfacing materials, except topsoil, are to be placed
- G. Topsoil: The final surface layer of earth material intended to support vegetation.

PART 2 - PRODUCTS

2.01 EARTHWORK:

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- A. Materials suitable for use in embankment and fill include material free of debris, roots, organic matter, and frozen matter; and free of stone having any dimension greater than 2 inches in areas requiring a high degree of compaction or 4 inches in other embankment and fill areas:
 - 1. Cohesionless materials include gravels, gravel-sand mixtures, sands, and gravelly sands exclusive of clayey material:
 - a. Free-draining.
 - b. clearing fill
 - c. Maximum density by impact methods will generally be less than by vibratory methods.
 - d. For which generally less than 15% by dry weight, of soil particles pass the No. 200 sieve.
 - 2. Cohesive materials include silts and clays generally exclusive of sands and gravel:
 - a. Materials for which impact compaction will produce a well-defined, moisture-density relationship curve.
- B. Materials unsuitable for use in embankment and fill include all material that contains debris, roots, organic matter, frozen matter, gravel, stone, or shale particles (with any dimension greater than 2 inches in areas requiring a high degree of compaction or 4 inches in other embankment and fill areas), or other materials that are determined by the Public Works Director or their appointed designee to be too wet or otherwise unsuitable for providing a stable subgrade or stable foundation for structures.
- C. Material for Embankment or Fill:
 - 1. Soil materials used for fills shall not exhibit characteristics of high shrink-swell potential as determined from Atterberg limit tests (ASTM D4318) and/or swell/pressure tests (ASTM D4546).
 - 2. For soils used below structural elements, such as footings, slabs, pavements, and mats, that portion of material passing the No. 40 square-mesh sieve shall have a liquid limit not exceeding 30 and a plasticity index not exceeding 15 when tested in accordance with ASTM D4318.
 - 3. Soil that does not meet these criteria may be well-mixed, to the satisfaction of the Public Works Director, with suitable borrow material such that the mixture meets the above criteria.
- D. Waste Materials:
 - 1. Waste materials, as described for purposes of this Section, consist of unsuitable materials, excess suitable material, rock, demolition debris, and other materials considered unacceptable for use as fill, and which are not environmentally contaminated. Waste materials shall not include environmental pollutants, hazardous substances, contaminated products, by-products, samples, or waste materials of any kind that are regulated under environmental laws.
 - 2. Environmentally contaminated waste materials include environmental pollutants, hazardous substances, contaminated products, by-products, samples, or waste materials of any kind that are regulated under environmental laws. Environmentally contaminated waste also include soil containing concentrations of hazardous constituents at levels requiring special handling and disposal methods.
 - 3. Dispose of waste materials in accordance with Paragraph 3.02A
- E. Borrow Materials
 - 1. Suitable fill materials, granular materials, and topsoil obtained from locations arranged for by Contractor (off the Site). Required to the extent sufficient suitable materials are not obtained from excavation and trenching.

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

2. Obtain, excavate, haul, handle, place, and compact borrow materials.
 3. Borrow materials shall not exhibit characteristics of high shrink-swell potential as determined from Atterberg limit tests (ASTM D4318) and/or swell tests (ASTM D4546) unless otherwise specified herein.
 - F. Rock Excavation
 1. Includes boulders 2 yds.³ or more in volume and materials that cannot be removed without systematic drilling and blasting such as materials in ledges or aggregate conglomerate deposits that are so firmly cemented as to possess the characteristics of solid rock. Hard and compacted materials such as cemented gravel, glacial till, shale, and relatively soft or disintegrated rock that can be loosened by a large tractor-mounted hydraulic ripper without continuous and systematic drilling and blasting will not be considered as "rock". Material will not be considered as "rock" because of intermittent drilling and blasting that is performed merely to increase production.
- 2.02 TRENCH STABILIZATION MATERIAL
- A. Conform to ASTM D1241, Gradation A or B, well-graded, with not more than 10% passing No. 200 sieve.
- 2.03 GRANULAR MATERIAL:
- A. Crushed stone or crushed gravel conforming to the requirements of Section 1007 of the Missouri Standard Specifications for Highway Construction, Latest Edition for Type 1 or Type 5 Aggregate, as indicated on the Standard Details
- 2.04 EMBANKMENT AND FILL MATERIAL:
- A. Material shall be free of roots or other organic matter, refuse, ashes, cinders, frozen earth, or other unsuitable material.
 - B. Use suitable material sufficiently friable for embankment to provide a dense mass free of voids and capable of satisfactory compaction.
 - C. Do not use material containing gravel, stones, or shale particles greater in dimension than three (3) inches in greatest dimension.
 - D. Moisture content shall be that required to obtain specified compaction of the soil or as indicated.
 - E. Perform moisture curing by wetting or drying of the material as required to attain required compaction criteria.
 - F. All street crossings shall be backfilled with MoDOT Type 1 or 5 aggregate, or onsite material provided testing is performed in one (1) foot lifts in the trench, four (4) feet front of curb to four (4) feet back of curb.
- 2.05 PIPE BEDDING MATERIAL
- A. Crushed stone conforming to the requirements of Section 1009 of the Missouri Standard Specifications for Highway Construction, Latest Edition for Grade 4, Gradation

PART 3 - EXECUTION

- 3.01 SITE PREPARATION:
- A. Demolition:
 1. General Requirements:

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- a. Remove existing man-made objects to limits indicated or as required to perform new construction. Remove materials from Site, or store and reuse as specified or as indicated.
 2. Protection of Existing Structure and Property:
 - a. Perform demolition Work to ensure existing structure or property which is to remain against damage from operations, falling debris, or other causes.
 - b. Take precautions to guard against movement or settlement; use sheeting and bracing where required by the Specifications or Drawings and where resulting slopes from excavation or trenching might endanger structures or utilities.
 - c. If at any time safety of existing structure to remain is endangered, cease operations and notify the Public Works Director or their appointed designee. Do not resume operation prior to approval.
 3. Handling and Storage:
 - a. Carefully dismantle Equipment and Materials to be reused in a manner to avoid damage. Repair or replace any Material or Equipment damaged by Contractor's operations, as determined by the Public Works Director or their appointed designee.
 - b. Store Equipment and Materials to be reused in a manner to avoid corrosion, staining, breakage, or damage from any cause.
 4. Fire Hydrant Removal
 - a. This work shall consist of the removal of existing fire hydrants, as shown on the plans or directed in the field, along with all associated hardware such as valves, valve vaults or boxes, pipe and fittings necessary to completely eliminate the appurtenance from the water main
- B. Abandonment
 1. Existing Water Main
 - a. The existing water main is to be abandoned after the new main is complete and all services have been transferred. Where the existing main is disconnected from its live sources the ends shall be plugged and the main left in place.
 - b. Where indicated in the field, the existing tee shall be removed, a cut-in sleeve, of the appropriate size and type, shall be installed in its place. Existing valve boxes shall have their frames removed and filled with the backfill material specified above. Restoration shall be done according to paved or non-paved location. This work shall be considered included in the contract.
 2. Existing Valve Boxes
 - a. The existing valve vaults are to be abandoned after the new main is complete and all services have been transferred. Valve is to remain in the box. Valve box shall be backfilled with tamped granular material to proposed grade. Restoration shall be done according to paved or non-paved location. This work shall be considered included in the contract.
- C. Debris:
 1. Dispose of debris from demolition at a location off the Site as arranged for by Contractor. Burying on the Site will not be allowed.
- D. Contractor may claim and salvage any timber which Contractor may consider of value, but shall not delay in any manner either this Contract or other Work with salvaging operations.
- E. Clearing and Grubbing :
 1. Perform only in areas where earthwork or other construction operations are to be performed.

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

2. Protect tops, trunks, and roots of existing trees which are to remain on Site.
 3. Clear areas and dispose of specified trees, brush, and vegetation before starting construction.
- 3.02 EARTHWORK:
- A. Excavation:
1. Perform excavation as indicated or as required to complete the Work.
 2. Stockpiling:
 - a. Stockpile in amounts sufficient for and in a manner to segregate materials suitable for the following:
 - (1) Topsoiling.
 - (2) Constructing embankments and fills.
 - (3) Backfilling.
 - (4) Waste only.
 - b. Do not obstruct or prevent access to:
 - (1) Roads, railroads and driveways.
 - (2) Utility control devices.
 - (3) Ditches or natural drainage channels.
 - c. Perform in a manner to avoid endangering the Work, stability of banks or structures, or health of trees and shrubs to be saved.
 - d. Maintain safe distance between toe of stockpile and edge of excavation or trench.
 - e. Stockpile in other areas or off Site when adjacent structures, easement limitations, or other restrictions prohibit sufficient storage adjacent to the Work. Off-Site areas shall be arranged for by Contractor.
 3. Waste Materials:
 - a. Waste materials as described for purposes of this Contract within this Section consist of deleterious soils, rock, and other materials considered unacceptable for compaction or placement fill, and which are not environmentally contaminated. Waste materials shall not include environmental pollutants, hazardous substances, contaminated products, by-products, samples, or waste materials of any kind that are regulated under environmental laws.
 - b. Remove waste materials from Work area as excavated.
 - c. Trash and debris should be removed from the site and disposed of in accordance with local and state regulations
 - d. Deposit such materials in locations and within areas designated by the Public Works Director or their appointed designee and as indicated.
 - e. Material shall become property of Contractor and shall be disposed of off Site at locations arranged for by Contractor.
 - f. Place excavated rock in the interior of waste area fills so that it will not be exposed to view.
 - g. Grade waste areas and leave them free draining and with an orderly and neat appearance.
- B. Site Grading:
1. Excavate, fill, compact fill, and rough grade to bring Project area outside of buildings to subgrades as follows:
 - a. For surfaced areas, to underside of respective surfacing or base course:
 - b. Prepare subgrades as specified in this Section.
 2. Subgrade

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- a. Excavate or backfill as required to construct subgrades to elevations and grades indicated.
 - b. Remove all unsuitable material and replace with acceptable fill material and perform all wetting, drying, shaping, and compacting required to prepare subgrade.
 - c. Subgrade for Fills and Embankments: Roughen by discing or scarifying and wet or dry top 6 inches (150 mm) as required to bond with fill or embankment.
 - d. Subgrade for Roadways, Drives, Parking Areas:
 - (1) Extend subgrade the full width of pavement or base course, plus 1 ft. (300 mm) in each direction.
 - (2) Cohesive Soil Subgrades: Compact the top 6 inches (150 mm) of subgrade for traffic areas and railroads in embankment or excavation to a minimum of 95% of maximum dry density within the moisture content range from 3% below optimum to 3% above optimum. Optimum moisture and maximum dry density shall be determined by ASTM D698 [ASTM D1557].
 - (3) Cohesionless Soil Subgrades: Compact the top 6 inches (150 mm) of subgrade for traffic areas and railroads in embankment or excavation to not less than 80% of relative dry density as determined by ASTM Methods D4253 and D4254.
3. Rock:
- a. Includes rock encountered in grading areas outside of buildings.
 - b. Excavate rock to depths as follows:
 - (1) Under surfaced areas, to 6 inches below the top of respective subgrades.
 - c. Backfill to grade with approved earth fill compacted-in-place:
 - (1) Achieve minimum density specified for particular location.
4. Embankments and Fill:
- a. Fill as required to raise existing grades outside of building areas to the new grades as indicated.
 - b. Compaction:
 - (1) Compact using equipment as required to obtain reasonable uniformity. Except as indicated otherwise, compact to 90% of the modified proctor maximum dry density within the moisture content range from 3% below optimum to 3% above optimum. Optimum moisture and maximum density shall be as determined by ASTM D698 and ASTM D1557.
 - (2) In areas of fill supporting structures or under paved areas, compact cohesive soils to a minimum of 95% of maximum dry density within the moisture content range from 3% below optimum to 3% above optimum. Optimum moisture and maximum dry density shall be as determined by ASTM D698 [ASTM D1557].
 - (3) Moisture content shall be that required to obtain specified compaction of the soil:
 - (a) Perform moisture curing by wetting or drying of the material as required to attain required compaction criteria.
 - (4) Achieve minimum densities specified.
 - c. Remove all debris subject to termite attack, rot, or corrosion from areas to be filled.
5. Rough Grading:
- a. All areas within the Project, including excavated and filled sections, and adjacent transition areas shall be reasonably smooth, compacted, and free from irregular surface changes.

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- b. Degree of finish shall be that ordinarily obtained from blade grader or scraper operations, except as otherwise specified.
 - c. Finished rough grades shall generally be not more than 0.5 foot above or below established grade or approved cross sections with due allowance for topsoil and sod.
 - d. Tolerance for areas within 10 feet of building and areas to be paved shall not exceed 0.15 foot above or below established subgrade. Finish all ditches, swales, and gutters to drain readily.
 - e. Finish all ditches, swales, and gutters to drain readily.
 - f. Unless otherwise indicated, slope the subgrade evenly to provide drainage away from building walls in all directions at a grade not less than 1/4 inch per foot.
 - g. Provide roundings at top and bottom of banks and at other breaks in grade.
- C. Topsoiling:
- 1. Includes placement of topsoil on all areas not specified to receive paving or other surface treatment (including borrow or waste areas).
 - 2. Materials:
 - a. Those obtained from excavation which are most suitable and stockpiles for such purpose:
 - (1) Topsoil shall be a fertile, friable, and loamy soil of uniform quality, free from materials such as hard clods, stiff clay, stone with any dimension greater than 1 inch, and similar impurities. Relatively free from grass, roots, weeds, and other objectionable plant material.
 - b. Borrow when required.
 - 3. Subgrade Treatment:
 - a. Clear Site of vegetation heavy enough to interfere with proper grading and tillage operations.
 - b. Clear surfaces of all stones or other objects larger than 3 inches in thickness or diameter, all roots, brush, wire, grade stakes, or other objectionable material.
 - c. Loosen subgrade by discing or scarifying to a depth of 2 inches wherever compacted by traffic or other causes to permit bonding of the topsoil to the subgrade.
 - 4. Placement of Topsoil:
 - a. Distribute over required areas without compaction in upper 1 foot, other than that obtained with spreading equipment.
 - b. To extent material is available within following limits:
 - (1) Not less than 4 inches in depth.
 - (2) Do not exceed 2 feet in depth.
 - (3) Shape cuts, fills, and embankments to contours indicated.
 - (4) Grade to match contours of adjacent areas and permit good, natural drainage. Provide gentle mound over trenches.
 - 5. Maintenance:
 - a. After topsoil has been spread, clear surface of stones or other objects larger than 1 inch in thickness or diameter and all other objects that might interfere with planting and maintenance operations.
 - b. Protect topsoiled areas from the elements until grass is established and repair eroded areas as required.
 - c. Keep paved areas clean. Promptly remove topsoil or other dirt dropped upon surfacing.

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- D. Backfilling:
 - 1. Backfill for structures and trenches shall be as specified in "Embankments and Fills," this Section, with the following additional provisions:
 - 2. Structures:
 - a. Backfill only after concrete has attained 70% design strength.
 - b. Backfill adjacent to structures only after a sufficient portion of structure has been built to resist imposed load.
 - c. Remove all debris from excavation prior to placement of material.
 - d. Place backfill in level loose lifts of thickness within compacting ability of equipment used but not to exceed 8 inches (200 mm) in thickness.
 - e. Perform backfilling simultaneously on all sides of structures.
- E. Trenching
 - 1. General
 - a. Excavate all materials within the specified limits for excavation.
 - b. Perform excavation by any recognized method of good practice to complete the Work in the most expeditious manner in conformance with specified requirements.
 - c. Take precautions to ensure no damage to existing facilities or equipment, or other work.
 - d. All materials encountered, regardless of type, character, composition, and condition thereof, shall be considered "unclassified".
 - 2. Equipment and Methods
 - a. Types of equipment and methods may be at Contractor's option, where structures or other facilities are not endangered.
 - b. Perform by hand methods when required to save or protect trees, culverts, utilities, or other structures above or below ground.
 - c. Maximum length of open trench shall be limited to 20 feet in advance and up to 50 feet behind pipe installation, except as approved by the Public Works Director or their appointed designee.
 - 3. Dewatering
 - a. Control grading around excavations to prevent surface water from flowing into excavation areas.
 - b. Drain or pump as required to continually maintain, including days not normally worked, all excavations and trenches free of water or mud from any source, and discharge to approved drains or channels. Commence when water first appears and continue as required to keep excavation free of standing water during entire time excavation is open.
 - c. Use pumps of adequate capacity to ensure rapid drainage of area, and construct and use drainage channels and subdrains with sumps as required.
 - d. When water is found in the excavation due to Contractor negligence, remove unsuitable excessively wet subgrade materials and replace with approved compacted fill material as directed by the Public Works Director or their appointed designee.
 - e. Contractor shall submit a dewatering plan prior to beginning excavation.
 - 4. Side Walls
 - a. Make vertical or slope within specified trench width limitations below a horizontal plane 12 inches above top of pipe.
 - b. Make vertical or sloped (stepped) as required for stability, above a horizontal plane 12 inches above top of pipe.

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- c. Excavate without undercutting.
- d. Sheet and brace where necessary.
 - (1) Use where required by Specifications or Drawings and where resulting slopes from excavation or trenching might endanger in-place or proposed structures.
 - (2) Mandatory where sloped side walls would extend beyond construction right-of-way and as indicated on Drawings.
 - (3) Provide on Site prior to start of excavation in each section, and make such adjustments as are required to meet unexpected conditions.
 - (4) Space and arrange sheeting and bracing as required to exclude adjacent material and according to the stability of excavation slopes.
 - (5) Remove simultaneously with filling, except as otherwise approved, and fill voids left after withdrawal with granular fill or other approved material.
 - (6) Leave in place when required by conditions of supported material and cut off at approved elevation below the surface.
 - (a) No higher than one foot below finished surface grade, and
 - (b) No lower than one foot above top of buried pipe or conduits.
- 5. Trench Depth
 - a. Excavate to depth sufficient to provide the minimum bedding requirements for the pipe being placed.
 - b. Do not exceed that indicated where conditions of bottom are satisfactory.
 - c. Increase depth as necessary to remove unsuitable supporting materials.
 - d. Maintain a minimum of 42in of compacted backfill cover above top of pipe.
- 6. Trench Bottom
 - a. Protect and maintain when suitable natural materials are encountered.
 - b. Remove rock fragments and materials disturbed during excavation or raveled from trench walls.
 - c. Restoring overexcavation:
 - (1) Restore overexcavation of depth 6 inches or less with trench stabilization material.
 - (2) Restore overexcavation of depth greater than 6 inches with approved fill.
 - (3) Trench Stabilization Material:
 - (a) Materials shall be one of the following:
 - 1) As specified for Pipe Embedments and Encasements.
 - (b) Compact in lifts not exceeding 6 inches loose thickness.
 - 1) With pneumatic or vibratory equipment.
 - 2) To density specified for granular pipe embedment.
- 7. Trench Width
 - a. Excavate trench to a width which will permit satisfactory jointing of pipe and thorough tamping of bedding and backfill.
 - b. Do not exceed the following trench widths:
 - (1) For ductile iron pipe, maintain trench widths below a plane 6 inches above top of pipe as follows:

Pipe Size	Minimum Trench Width in Earth	Maximum Trench Width in Earth	Minimum Clearance in Rock
6"	24"	30"	6"
8"	26"	32"	6"
10"	28"	34"	6"

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

12"	28"	34"	6"
-----	-----	-----	----

- (2) For PVC pipe, the maximum pipe trench width shall be equal to the outside diameter of the pipe plus 6 in. on each side of the pipe.
 - (3) Maximum trench width limitations shall apply in all areas more than 3 ft. from manhole or structure walls.
 - (4) Maximum width shall be as near the minimum specified as can be controlled by construction equipment and methods used.
 - 8. Test Pits:
 - a. Excavate test pits sufficiently in advance of trenching to enable adequate planning of construction procedure.
 - b. Locate as follows:
 - (1) Where unstable material is suspected that may require special protective measures.
 - (2) Where ground water may require special handling methods.
 - (3) Where advisable to assess adequacy of blasting pattern.
 - (4) Where indicated or otherwise approved.
 - (5) Where interference or conflict with other utilities and/or structures could affect alignment of pipe.
 - c. With lateral dimension not less than minimum trench width specified for location excavated.
 - d. To depth required to obtain information desired.
- F. Pipe Embedments and Encasements
 - 1. Placement: Place granular embedment as follows:
 - a. Level bottom layer at proper grade to receive and uniformly support pipe barrel throughout its length.
 - b. Form shallow depression under each joint to facilitate grouting.
 - c. Add second layer simultaneously to both sides of the pipe with care to avoid displacement.
 - d. Substitute for any part of earth fill to within 2 feet of final grade at Contractor's option.
 - 2. Compaction: Compact granular bedding as follows:
 - a. In lifts not exceeding 12 inches in compacted depth.
 - b. Rod, spade, or use pneumatic or vibratory equipment:
 - (1) As required to obtain not less than 75% maximum relative density as determined by ASTM D4253 and ASTM D4254.
 - (2) Throughout depth of embedment.
 - c. Compaction using flooding or water spraying techniques will not be allowed.
- G. Trench Fill (Backfilling)
 - 1. Trench Fill under pavement shall be pipe embedment material or Public Works Director-approved equal in accordance with the Standard Details.
 - 2. General:
 - a. Complete placement promptly after approval to proceed.
 - (1) Upon completion of pipe embedment.
 - (2) Only after concrete encasement has obtained 70% of design strength. Determination of design strength percentage obtained shall be as specified by the Engineer of Record

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- b. Use hand methods to a horizontal plane 12 inches above top of pipe bell conduit or duct banks.
- c. Use approved mechanical methods where hand fill is not required.
- d. Until compacted depth over conduit exceeds 3 feet, do not drop fill material over 5 feet. Then distance may be increased 2 feet for each additional foot of cover.
- 3. Earthen (Cohesive) Fill:
 - a. Suitable fill materials include material from excavations and borrow areas that is free of debris, roots, organic matter, refuse, ashes, cinders, frozen earth, and which is free of rock with any dimension greater than one-half the specified thickness.
 - b. Unsuitable materials include material that does not conform to the above or other materials that are determined by the Public Works Director or their appointed designee as too wet or otherwise unsuitable for providing a stable fill.
 - c. That portion of material passing the No. 40 sieve shall have a liquid limit not exceeding 40 and a plastic index not exceeding 25 when tested in accordance with ASTM D4318.
 - d. Material shall be friable sandy or silty clay containing sufficient fine material to provide a dense mass free of voids when compacted. When impact compacted, these materials will produce a well-defined moisture-density relationship curve.
 - e. Material shall not contain more than 10% by volume of rock and gravel and not contain particles with maximum dimension greater than one-half the depth of the layer to be compacted.
 - f. Compact with approved equipment to a minimum of 95% of maximum dry density within the moisture content range from 3% below optimum to 3% above optimum. Optimum moisture and maximum density shall be determined by ASTM D698.
 - g. Compact entire depth of fill under pavements and shoulders to a minimum of 95% of maximum density (where maximum density is the density of optimum moisture) within the moisture content range from 3% below optimum to 3% above optimum. Optimum moisture content and maximum density shall be determined by ASTM D698.
- 4. Sand and Gravel (Cohesionless) Fill:
 - a. Suitable fill materials include material from excavations and borrow areas that is free of debris, roots, organic matter, refuse, ashes, cinders, frozen earth, and which is free of rock with any dimension greater than one-half the specified thickness.
 - b. Unsuitable materials include material that does not conform to the above or other materials that are determined by the Public Works Director or their appointed designee as too wet or otherwise unsuitable for providing a stable fill.
 - c. That portion of material passing the No. 40 sieve shall have a liquid limit not exceeding 40 and a plastic index not exceeding 25 when tested in accordance with ASTM D4218.
 - d. Include gravels, gravel-sand mixtures, sands, and gravelly sands exclusive of clayey and silty components. These materials have the following properties:
 - (1) Free-draining.
 - (2) Impact compaction will not produce a well-defined moisture-density relationship curve.
 - (3) The maximum density by impact methods will generally be less than by vibratory methods.
 - e. Place sand and gravel fill in 12-inch maximum lifts (uncompacted depth).

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

- f. Obtain compaction by use of approved vibratory rollers and other equipment during the placement and grading of layers.
 - g. Compact to a minimum of 75% of relative density as determined by ASTM D4253 and ASTM D4254.
 - h. Compact entire depth of fill under pavements and shoulders to a minimum of 75% of maximum relative density as determined by ASTM D4253 and ASTM D4254.
 - H. Structural Fill
 - 1. Fill shall be as follows in areas as applies to concrete vaults, structures, pavement, and area's within 3 feet of pavements or curb & gutter.
 - a. Materials used for structural fill shall be imported fill or on-site soils, provided they are properly moisture conditioned and are placed, compacted and tested in accordance with the recommendations listed herein.
 - b. Structural fill shall be in locations indicated and as follows:
 - (1) To correct overexcavation, including undermining, as specified.
 - (2) Within fill area around new structures, place structural fill under all pipes extending from the structure to prevent differential settlement.
 - (3) Under new pipes extending from existing structures for a distance of 20 feet from the structure.
 - (4) When the outside edge of new trench excavations is within 20 feet of existing structures, measured at the surface, fill trench with structural fill over the entire length of the structure.
 - c. Moisture Conditioning:
 - (1) Structural fill shall be moisture conditioned prior to placement so that it is between 3% below and 3% above optimum moisture.
 - (2) Prior to compaction, adjust moisture content of loose fill material to obtain the specified degree of compaction.
 - (3) Do not compact loose structural fill materials until the moisture content is brought within the required placement moisture content range.
 - d. Placement and Compaction:
 - (1) Structural fill should be placed in lifts of 6 to 8 inches loose measure. All fill material should be placed in horizontal lifts and adequately keyed into stripped and scarified subgrade soils.
 - (2) Compact structural fill material to a density not less than 95% of the modified proctor maximum dry density as determined by ASTM D1557.
 - (3) If the exposed subgrade or backfill has become too dry to permit a suitable bond with the next lift, scarify the surface and add moisture to achieve the required placement moisture content range prior to placement of the next lift.
 - (4) For areas in which the subgrade or backfill has become softened as a result of saturation, aerate and dry to obtain a moisture content within the required placement moisture content range. Recompact to the specified density.
 - (5) Do not place structural fill material as backfill that contains frozen material or ice. Do not place structural fill material as backfill on snow, ice, or frozen ground. Subcontractor shall suspend placement operations during freezing conditions.

3.03 FIELD QUALITY CONTROL:

- A. Compaction:

SECTION 31 20 50 - SITE PREPARATION AND EARTHWORK: continued

1. Contractor shall, through services of an independent laboratory, test all embankments, fills, and subgrades under this Contract to determine conformance with specified density relationships.
2. Method of test shall be:
 - a. ASTM D1556/D1556M.
 - b. ASTM D2167.
 - c. ASTM D6938.
3. The frequency of tests will be as follows:
 - a. Samples shall be taken at the bottom of each compacted layer, at a minimum of:
 - (1) once every change of borrow
 - (2) once every layer of fill
 - (3) once every 500 cubic yards of fill
 - (4) once every 2500 square feet of fill, and
 - (5) once in mid morning and mid afternoon.
 - b. At a minimum, at least one in-place moisture content and one density test must be performed on every lift of fill, and further placement shall not be allowed until the required dry density has been achieved.
 - c. The number of tests shall be increased if a visual inspection determines that the moisture content is not uniform or if the compacting effort is variable and not considered sufficient to attain the specified dry density.
 - d. The Owner may approve a decrease in the number of tests once a compaction procedure has met project requirements.

3.04 PROTECTION OF THE WORK:

- A. Maintenance:
 1. Protect newly graded and topsoiled areas from actions of the elements.
 2. Fill and repair settling or erosion occurring prior to landscaping and reestablish grades to the required elevations and slopes.
 3. Under the provisions of the guarantee, correct any settlement of embankment, fill, or backfill and damages created thereby within one year after acceptance of the Work. Contractor shall make repairs within 10 days after notification by the Public Works Director or their appointed designee.

END OF SECTION 31 20 00

SECTION 32 16 00 – CURBS, GUTTERS, DRIVEWAYS, AND PAVEMENT RESTORATION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY:

- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
- B. This Section includes concrete curbs, gutters, sidewalks, and pavement where indicated.

1.03 RELATED REQUIREMENTS:

- A. 31 20 50 – Curbs, Gutters, Driveways and Pavement Restoration
- B. Concrete: as specified.

1.04 REFERENCE STANDARDS:

- A. Applicable Standards:
 - 1. American Concrete Institute (ACI):
 - a. ACI 306 - Cold Weather Concreting.
 - b. ACI 305 - Hot Weather Concreting.
 - 2. ASTM International (ASTM):
 - a. ASTM A615/A615M - Deformed and Plain Billet-Steel Bars for Concrete Reinforcement.
 - b. ASTM A616/A616M - Rail-Steel Deformed and Plain Bars for Concrete Reinforcement.
 - c. ASTM C309 - Liquid Membrane-Forming Compounds for Curing Concrete.
 - d. ASTM D1751 - Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types).
 - e. ASTM D1752 - Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction.
 - f. ASTM D6690 - Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements.
 - 3. Federal Specifications (FS):
 - a. TT-S-00227 - Sealing Compound; Elastomeric Type, Multi-Component. (For caulking, sealing, and glazing in buildings and other structures.)
 - 4. Unless otherwise indicated, all work shall be performed in accordance with Missouri Standard Specifications for Highway Construction, Latest Edition.

1.05 WEATHER LIMITATIONS:

- A. Conform to ACI 306 when temperature is below 40°F , or is likely to fall below 40°F within a 24-hour period after placement of concrete.
- B. Conform to ACI 305 when temperature is above 100°F , or is likely to rise above 100°F within a 24-hour period after placement of concrete.

SECTION 32 16 00 – CURBS, GUTTERS, DRIVEWAYS, AND PAVEMENT RESTORATION:
continued

PART 2 - PRODUCTS

2.01 CONCRETE:

- A. 4,000 psi concrete
- B. Concrete slump reduced as necessary for slip-form construction, construction on steep slopes, and consolidation of concrete in curb back sections.

2.02 JOINT DOWELS:

- A. Smooth round dowels having at least one-half the length of each dowel coated to ensure that no bond is developed between dowel and concrete.
- B. Conform to ASTM A615M (A615), Intermediate Grade or ASTM A616M (A616), Regular Grade.
- C. For Expansion Joints in Sidewalks:
 - 1. Conform to FS TT-S-00227.
 - 2. Nontracking after initial cure.
 - 3. Two-component, cold-applied.
 - 4. Compatible with preformed expansion joint filler.
 - 5. Black or gray color.
- D. For Expansion Joints in Curb and Gutter and Concrete Driveways
 - 1. Three-fourth inch preformed expansion joint filler shall be placed where the length of new driveways abuts concrete sidewalks, courtesy walks, retaining walls, foundation walls or curb. The top of the joint shall be placed 1/4 inch below the surface of the driveway and extend to the bottom of the concrete regardless of depth.
 - 2. All locations where expansion joints are to be placed against existing concrete, the existing concrete shall be neatly cut so that the expansion joint filler will lay flush against the existing concrete. The Contractor shall box in all water valves (1' 0" square) encountered with preformed expansion material. Care shall be taken when placing the concrete so that no, concrete, stones or other debris is allowed between the existing concrete and the expansion joint filler.

2.03 CURING COMPOUND:

- A. Conform to ASTM C309, Type I or Type I-D.

2.04 FORMS:

- A. Wood or metal.
- B. Straight and strong enough to resist springing during placement of concrete.
- C. Sufficient bearing surface to prevent tipping.
- D. Height equal to full depth of section to be constructed.

2.05 HMA PAVEMENT REPLACEMENT & PAVEMENT PATCHING

- A. Surface replacement shall be HMA surface course mixture BP-1 and BP-2 in accordance with Section 401 of the Missouri Standard Specifications for Highway Construction, Latest Edition.
- B. Concrete base shall be Class B-1 in accordance with section 501 and 502 of the Missouri Standard Specifications for Highways Construction, Latest Edition.
- C. Thickness of the base course shall match the existing pavement base thickness.
- D. Shall conform to Contract Drawings.

SECTION 32 16 00 – CURBS, GUTTERS, DRIVEWAYS, AND PAVEMENT RESTORATION:
continued

2.06 CONCRETE ROADWAY REPLACEMENT

- A. Surface replacement shall be Concrete surface course mixture B-1 in accordance with Section 501 of the Missouri Standard Specifications for Highway Construction, Latest Edition.
- B. Thickness of the base course shall match the existing pavement base thickness. If pavement has no base, pour 6” of Type 1 aggregate base underneath base course.
- C. Shall conform to Contract Drawings.

2.07 CURB & GUTTER:

- A. Shall be removed and replaced in kind as indicated on the engineering drawings.
- B. Shall be replaced in accordance with Section 609 Concrete Curb, Gutter and Paved Ditch of the Missouri Standard Specifications for Highway Construction, Latest Edition.

2.08 CONCRETE SIDEWALK:

- A. Shall conform to Standard Details

2.09 DRIVEWAY REPLACEMENT

- A. Shall conform to Standard Details
- B. Concrete driveway
 - 1. 6” MODOT Type 1 or Type 5 aggregate base below 5” (MIN) B-1 driveway pavement (full-depth). Depth of concrete replacement shall match existing.
 - 2. Shall be replaced in accordance with Section 501 of the Missouri Standard Specifications for Highway Construction, Latest Edition.
- C. Asphalt driveway
 - 1. 6” Type 5 aggregate base course below 2” (MIN) surface course mixture BP-1 or BP-2 (Bituminous Pavement). Depth of concrete replacement shall match existing.
 - 2. Shall be replaced in accordance with Section 401 of the Missouri Standard Specifications for Highway Construction, Latest Edition.

PART 3 - EXECUTION

3.01 PREPARATION:

- A. Subgrade preparation is as specified in Section 31 20 50 Site Preparation and Earthwork.

3.02 INSTALLATION:

- A. Forms:
 - 1. Use flexible forms for all curved form lines except:
 - a. Curves having a radius of 200 ft. or greater may be formed in 10 ft. or shorter chords.
 - b. Curves having a radius of 100 ft. or greater may be formed in 5 ft. or shorter chords.
 - 2. Thoroughly clean, oil, securely stake, brace, and hold forms to line and grade.
 - 3. Remove forms from front face of curb section at the time necessary to permit finishing concrete. Leave other forms in place not less than 12 hours after placement of concrete.
- B. Joints:
 - 1. Contraction Joints:
 - a. Construct at locations indicated and as follows:

SECTION 32 16 00 – CURBS, GUTTERS, DRIVEWAYS, AND PAVEMENT RESTORATION:
continued

- (1) Divide concrete curb, curb and gutter, sidewalk into monolithic sections not greater than 10 ft. in length.
 - (2) Divide sidewalks into approximately square areas.
 - b. Form contraction joints by the following methods:
 - (1) Saw the hardened concrete before shrinkage cracking occurs. Depth of cut not less than 1 ½" at 15' on center
 - 2. Expansion Joints:
 - a. Construct at the following locations:
 - (1) Locations as indicated.
 - (2) Curb and Gutter:
 - (a) Shall be doweled and spaced 60' on center, at all tangent points of radius, 5" either side of all utility structures between new and existing curb Behind all curb abutting
 - (b) Concrete pavement or sidewalk
 - (c) Between new and existing curbs
 - b. Stake, support, and secure local transfer dowels and preformed joint filler in position to prevent displacement during placing and finishing operations.
 - c. Round edges of joints with an edging tool of 1/4 inch radius.
- C. Concrete:
- 1. Placing Concrete:
 - a. Place only on prepared and approved subgrade.
 - b. Lightly moisten surface of dry subgrade before placing concrete.
 - c. Deposit and compact concrete in manner to avoid displacement of forms and joint materials.
 - d. Tamp or vibrate concrete sufficiently to eliminate all voids and bring the mortar to the top for finishing.
 - e. Shall be placed and cured in accordance with Sec 703 Missouri Standard Specifications for Highway Construction, Latest Edition.
 - 2. Finishing Concrete:
 - a. Edge concrete with proper edging tools.
 - b. Tool radii as soon as possible after concrete has taken its initial set.
 - c. Remove curb face forms and rub with rubbing block and water until all blemishes, forms, and tool marks have been removed.
 - d. Float-finish with wood float or concrete rubbing block until concrete is true to line, grade, and cross section, and is uniform in texture.
 - e. Brush with hairbrush as follows:
 - (1) Curb and curb and gutter parallel to the line of curb.
 - (2) Sidewalk and median perpendicular to their longitudinal axis.
 - f. Do not use mortar topping or sand and cement dryer.
- D. Tolerances:
- 1. Applies to conventional and slip-form construction.
 - 2. Alignment deviation of finished concrete Work not to exceed 1/4 inch (6 mm) in 10 ft. (3 m) from true line and grade.

3.03 CONCRETE CURING AND PROTECTION:

A. Curing:

SECTION 32 16 00 – CURBS, GUTTERS, DRIVEWAYS, AND PAVEMENT RESTORATION:
continued

1. Spray all exposed surfaces after finishing with curing compound.
 2. Apply curing compound at a rate of not less than 1 gal. per 25 yds.² of surface area.
 3. Apply second coat at a rate of not less than 1 gal. per 30 yds.² 30 min. after first-coat application when the atmospheric temperature exceeds 100°F .
- B. Protection:
1. Protect the finished Work from damage until final acceptance.
 2. Repair, replace, or clean all concrete damaged or discolored prior to final acceptance.
- 3.04 CONCRETE CURB & GUTTER AND SIDEWALK
- A. Shall be installed according to Standard Details and as defined in Missouri Standard Specifications for Highway Construction, Latest Edition.
- 3.05 HMA PAVEMENT
- A. Shall be installed according to Standard Details and as defined in section 401 of the Missouri Standard Specifications for Highway Construction, Latest Edition

END OF SECTION 32 16 00

SECTION 32 92 00 – SEEDING AND SODDING

PART 1 - GENERAL

1.01 SUMMARY:

- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
- B. This Section includes seedbed and sodbed preparation, seeding, sodding, mulching, and fertilizing of areas indicated and/or disturbed by Contractor's construction activities.
- C. Maintenance of seeded and sodded areas.
- D. All areas of established yards shall be restored by sodding unless otherwise approved by the Public Works Director or their appointed designee.

1.02 RELATED REQUIREMENTS:

- A. Section 31 20 50 - Site Preparation and Earthwork.

1.03 SUBMITTALS:

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections, if applicable.
- B. Certificates: Includes, but not limited to, the following:
 - 1. Seed shall be accompanied by certificate from vendor that seed meets requirements of these Specifications. Original hardcopy shall be submitted to the Public Works Director or their appointed designee for approval.
 - 2. Fertilizer shall be accompanied by certificate from vendor that fertilizer meets requirements of these Specifications. Original hardcopy shall be submitted to the Public Works Director or their appointed designee for approval.

PART 2 - PRODUCTS

2.01 FERTILIZER:

- A. Fertilizer shall be a standard commercial grade.
 - 1. Uniform in composition.
 - 2. Shall be free flowing and suitable for application with approved equipment.
 - 3. Shall be spread by mechanical means.
 - 4. Fertilizer shall be inorganic 12-12-12 or 13-13-13 grade or approved by the Public Works Director or their appointed designee.
- B. Deliver to Site in labeled bags or containers.

2.02 SEED:

- A. Seed shall conform to all applicable laws of the State of Missouri.
- B. Seeding material shall be native grass in accordance with section 805 of the Missouri Standard Specifications for Highway Construction, Latest Edition and approved by the Owner.
- C. Seed shall be labeled according to the U.S. Department of Agriculture Federal Seed Act and shall be furnished in containers with tags showing seed mixture, purity, germination, weed content, name of seller, and date on which seed was tested and delivered to the site in convenient containers.
 - 1. Moldy seeds or seeds that have been damaged in storage shall not be used.
 - 2. Mixture of seeds are specified in the Special Provisions or approved by the Public Works Director or their appointed designee.

SECTION 32 92 00 – SEEDING AND SODDING: continued

3. Weeds shall be free of prohibited weed seeds and shall not have more than 1 percent (1%) noxious weed seeds.
- D. Pure Live Seed. The following formula shall be used to determine the amount of commercial seed required to provide each kind of seed for the specified quantities of pure live seeds:

$$\begin{aligned}\text{Pounds of Commercial} &= 10,000 \times \text{Pure Live Seed (lbs. per acre)} \\ \text{Seed Required} &= \text{Purity (percent)} \times \text{Germination (percent)}\end{aligned}$$

2.03 MULCH:

- A. Mulch shall be either the vegetative type, wood cellulose fiber type, asphaltic emulsion type, or asphalt emulsion over mulch, whichever as approved by the Public Works Director or their appointed designee.
 1. Vegetative Mulch: The vegetative type shall be the cereal straw from stalks of oaks, rye, wheat, or barley and shall be free of prohibited and noxious weed seeds.
- B. Tackifiers:
 1. Asphalt Emulsion: Conform to ASTM D977, Type SS-1h.
 2. Polymeric Glue: HydroBond™ as manufactured by JRM Chemical or approved equal.
 3. Asphalt Emulsion over Mulch. The asphalt shall conform to the requirements above and applied over vegetative mulch conforming to the requirements of this specification.
- C. Wood Cellulose Fiber:
 1. Fiber shall be produced from nonrecycled wood such as wood chips or similar wood materials and shall be of such character that the fiber will disperse into a uniform slurry when mixed with water. Fiber shall not be produced from sawdust, paper, cardboard, or other recycled materials.
 2. Mulch shall not contain germination or growth-inhibiting ingredients.
 3. Mulch shall be dyed an appropriate color to aid in visual inspection.
 4. Mulch material shall be easily and evenly dispersed when agitated in water.
 5. Supply in packages of not more than 100 pounds gross weight and be marked by the manufacturer to show the air dry weight content of the wood cellulose fiber.
 6. Mulch shall not be water-soluble and shall comply with the following properties:
 - a. Moisture content: 15% maximum.
 - b. Organic matter: Wood fiber (oven-dried basis), 90% maximum.
 - c. pH: 4.3 to 8.5.
 - d. Water holding capacity (grams of water/100 grams fiber), minimum: 1,000.

2.04 EROSION-CONTROL:

- A. Jute Netting:
 1. Netting shall consist of a uniform, open, plain-weave mesh of smolder-resistant, unbleached single jute yarn.
 2. Yarn shall be of loosely twisted construction and shall not vary in thickness by more than one-half its normal diameter.
 3. Jute mesh shall be furnished in rolled strips and shall be as follows:
 - a. Minimum width of 42 inches.
 - b. 76 warp ends per width (tolerance +3).
 - c. 41 weft ends per yard (tolerance +3).
 - d. Weigh not less than 0.9 pound per square yard.
 4. Overlap blanket ends by 7 inches and edges by 4 inches.
 5. Anchor the blanketing per manufacturer's recommendations. Size and material of blanket anchors shall meet the manufacturer's recommendations.

SECTION 32 92 00 – SEEDING AND SODDING: continued

6. All erosion-control blanketing shall be laid within 24 hours of seeding application.
 7. Submit jute netting material sample and installation instructions for approval by the Public Works Director or their appointed designee
- B. Plastic Netting:
1. Netting shall be an extruded rectangular mesh plastic:
 - a. Color: Black or green.
 - b. Weight: 2.6 lbs./1,000 sq. ft. (+1/2 lb.).
 - c. Width: 3-3/4 feet.
 - d. Mesh Opening: 3/4 inch by 1 inch approximately.
 2. Netting shall be rolled on a 3-inch outside-diameter cardboard core and paper wrapped in trailer loads or less.
 3. Netting shall be as manufactured by Conweb Corp. or approved equal.
 4. Overlap blanket ends by 7 inches and edges by 4 inches.
 5. Anchor the blanketing per manufacturer's recommendations. Size and material of blanket anchors shall meet the manufacturer's recommendations.
 6. All erosion-control blanketing shall be laid within 24 hours of seeding application.
 7. Submit plastic netting material and installation instructions for approval by the Public Works Director or their appointed designee.
- C. Excelsior Blanket:
1. Excelsior blanket shall consist of machine-produced mat of curled wood excelsior of 80% 6-inch or longer fiber lengths, with consistent thickness and fibers evenly distributed over the entire area of the blanket.
 - a. The top side of each blanket shall be covered with netting having a maximum mesh size of 1-1/2 by 3 inches, composed of cotton cord, twisted Kraft paper yarn, or biodegradable extruded plastic mesh.
 - b. The blanket shall be furnished in rolled strips and shall be as follows:
 - (1) Minimum width: 48 inches.
 - (2) Minimum dry weight: 0.8 pound per square yard.
 - (3) Smolder resistant.
 - c. Overlap blanket ends by 7 inches and edges by 4 inches.
 - d. Anchor the blanketing per manufacturer's recommendations. Size and material of blanket anchors shall meet the manufacturer's recommendations.
 - e. All erosion-control blanketing shall be laid within 24 hours of seeding application.
- D. Erosion-Control Fabric:
1. Fabric shall be "Hold Gro" erosion-control fabric as manufactured by Gulf States Paper Corporation or an approved equal.
 2. Fabric shall be furnished in rolled strips with a 4-foot minimum width and an area of 200 square yards.
 3. Approximate weight of fabric shall be 0.2 pound per square yard.
 4. Overlap blanket ends by 7 inches and edges by 4 inches.
 5. Anchor the blanketing per manufacturer's recommendations. Size and material of blanket anchors shall meet the manufacturer's recommendations.
 6. All erosion-control blanketing shall be laid within 24 hours of seeding application.
- 2.05 SOD:
- A. Sod shall be densely rooted nursery grown Kentucky Blue Grass or zoysia and contain a growth of not more than 10 percent of other grasses and clovers, shall be free from all prohibited and noxious weeds.
- B. Cut sod in strips of uniform thickness with a minimum thickness of 3/4 to 1-1/4 inches.

SECTION 32 92 00 – SEEDING AND SODDING: continued

1. Each strip shall contain at least one-half (1/2) but not more than one (1) square yard.
2. Strips shall be not less than 12 inches in width.
- C. At the time of sod lifting, the top growth shall not exceed 3 inches in length.
- D. Moisten sod to depth at which it is to be cut when stripped during dry periods.

PART 3 - EXECUTION

3.01 SEEDBED AND SODBED PREPARATION:

- A. Dispose of any growth, rocks, or other obstructions which might interfere with tilling, seeding, sodding, or later maintenance operations.
- B. Before tilling the soil, the fertilizer shall be distributed uniformly at the rate of 600 pounds per acre.
- C. Thoroughly loosen and pulverize topsoil to a depth of at least 2 inches. Minimum depth of topsoil at seeded areas shall be 4 inches.
- D. Maintain tilled areas until seeded and mulched, or sodded, to provide a smooth area with no gullies or depressions.

3.02 APPLICATION - SEED:

- A. Dry Seeding: Accomplish sowing by use of approved equipment, having drills no more than 4 inches apart.
 1. Overlap successive seed strips to provide uniform coverage. Repeat where skipped areas appear after a show of green.
 2. Cover seed with soil to an average depth of 1/4 inch by raking or other approved methods.
- B. Hydraulic Seeding:
 1. Type "A" Seed. This seeding mixture will normally be used where seeding is required in areas of established yards, shoulders and slopes in street right of way, and any other areas where a high-type seeding is deemed necessary. The seed mixture will be as follows:

Kinds of Seed	Minimum Pure Live Seed (%)	Rate of Application (per 1,000 sq. ft.)
Kentucky Blue Grass (Poa Pratensis)	98	1 pound
Rye Grass (Lolium Perenne or L. Multiflorum)	85	1 pound
Rebel II Tall Fescue	95	3 pounds
Creeping Red Fescue (Festuca Rubra)	95	6 pounds

2. Mix seed with water and constantly agitate. Do not add seed to water until immediately prior to application. Do not let seeds remain in tank for more than 30 minutes.
3. On slopes flatter than 2 horizontal to 1 vertical, apply seed separately from fertilizer. Mechanically incorporate fertilizer into the soil prior to seeding activities. Cover seed with either hydraulic mulch or soil. If hydraulic mulching is not used, cover seed with soil to an average depth of 1/4 inch by raking or other approved methods.

SECTION 32 92 00 – SEEDING AND SODDING: continued

4. On slopes 2 horizontal to 1 vertical and steeper, seed and fertilizer may be applied in a single operation. Incorporation into the soil will not be required. Hydraulic mulching will be required.
 - C. Compaction:
 1. Immediately following the completion of seeding operation, the entire area shall be compacted by means of a roller weighing at least 60 but not more than 90 pounds per linear foot of roller.
 - D. Seasonal Limitations: Perform seeding only during the following dates:
 1. All seeding work shall be done between the dates of February 1 and April 15 for spring planting or August 15 and October 15 for fall planting.
- 3.03 APPLICATION - MULCH:
- A. Apply mulch covering to all seeded areas within 24 hours after seeding. Mulch is not required on areas that are to be covered by an excelsior blanket or by an erosion-control fabric. Jute netting alone will not be considered an erosion-control fabric.
 - B. After compacting the surface, apply vegetative mulch shall be uniformly spread at the rate of 1-1/2 tons per acre by means of a mechanical spreader or other approved means. As soon as the mulch is spread it shall be anchored to the soil a minimum depth of 3 inches by use of a heavy disc harrow, set nearly straight, or similar approved tool. Discs of the anchoring tool shall be set approximately 9 inches. Anchoring shall be accomplished by not more than two passes of the tool.
 - C. Apply wood-cellulose-fiber mulch shall be added to the hydraulic seeder after the proportionate amounts of seed, fertilizer and water, and other approved materials are added. hydraulically at the rate of 1,000 pounds per acre.
 1. Mulch and seed may be applied in a single operation on slopes 2 to 1 or steeper.
 2. Apply mulch to achieve a uniform coverage of the soil surface that will be satisfactory to the Public Works Director or their appointed designee.
 - D. Vegetative Mulch with Asphalt Emulsion:
 1. Temperature of mulch at time of application shall be between 125 and 175°F.
 2. Mulching machine shall inject emulsified asphalt at rate of 0.2 gallons per square yard directly into the air stream carrying the straw.
 3. Hand-spray near structures.
 - E. Immediately following the application of the mulch, water the seeded area in one watering, at a rate of 120 gallons per 1,000 square feet. Perform so as not to cause erosion or damage to the seeded surface.
 - F. Protection and Repair. The seeded area shall be kept free of traffic until accepted. If at any time before acceptance of the completed contract, any portion of seeded surface becomes gullied or otherwise damaged, or the seeding has been damaged or destroyed, the affected portion shall be repaired to re-establish the specified condition prior to the acceptance of the work.
- 3.04 APPLICATION - EROSION CONTROL:
- A. Install netting or seeding mats in lieu of seed and straw on all ditches or slopes 3 to 1 or greater. Install netting immediately following mulching operations. Water the seeded area at a rate of 390 gallons per 1,000 square feet.
 - B. Roll netting, excelsior blanket, or erosion-control fabric loosely over the required areas. Lifting and stretching of the material will not be permitted.
 - C. Secure netting, excelsior blanket, or erosion-control fabric by staples spaced as per manufacturer's recommendations.
 - D. Lap joints in the direction of water flow with at least a 4-inch overlap.

SECTION 32 92 00 – SEEDING AND SODDING: continued

- E. Any seeded or mulched areas disturbed by the installation of the netting, excelsior blanket, or erosion-control fabric shall be repaired at the Contractor's expense.

3.05 APPLICATION - SOD:

- A. Prior to placing sod, the soil surface shall be worked until it is relatively free from debris, washes, gullies, clods, and stones.
- B. Fertilizer shall be placed prior to tilling operations, fertilizer shall be spread uniformly at the rate of 300 pounds per acre. Fertilizing rate is equivalent to 3.5 pounds per 500 square feet.
- C. Surface shall be worked to a depth of not less than 2 inches with a disk, tiller, or other equipment approved by the Public Works Director or their appointed designee.
- D. Handle sod with care to prevent loss of native soil from roots.
- E. Sod shall not be placed during a drought or during the period from June 1 to September 1, unless authorized by the Owner, and shall not be placed on frozen ground.
- F. Sod shall be moist at the time it is placed.
- G. Lay sod strips along contour lines, by hand, commencing at the base of the area to be sodded and working upward.
 - 1. Carefully lay sod to produce tight joints.
 - 2. Stagger transverse joints of sod strips and carefully placed to produce tight joints.
- H. Firm, water, and refirm sod immediately after it is placed.
 - 1. Accomplish firming by application of a smooth-wheel roller weighing not less than 60 or more than 90 pounds per linear foot of roller.
- I. On slopes of 2 horizontal to 1 vertical and steeper, anchor sod by wooden pegs after sod has been firmed.
 - 1. Pegs shall be 1/2 inch by 8 inches, driven into the ground on about 2-foot centers or 3 pegs per square yard.
 - 2. Top of peg after driving shall be not less than 1/2 inch but not more than 1 inch above top of sod.
 - 3. The area shall then be cleared of loose sod, excess or broken anchors, excessive soil, or other foreign materials.

3.06 MAINTENANCE:

- A. Mow grass to a height of 4 inches whenever average height of grass exceeds 5 inches.
- B. Remove weeds by approved chemical treatment.
- C. Erect and maintain signs or barricades to exclude traffic from seeded or sodded areas.
- D. Seeded Areas: Contractor to perform maintenance until seed growth is fully established and the Public Works Director or their appointed designee approves.
 - 1. Water as required by good practice during the three-month maintenance period or until accepted by the Public Works Director or their appointed designee.
 - 2. Prior to acceptance, repair at Contractor's expense any portion of the seeded surface which becomes gullied or otherwise damaged or destroyed.
 - 3. To be acceptable, seeded areas shall have a good, uniform color and sturdy growth with no bare soil spots, over a minimum of 98% of the area seeded.
- E. Sodded Areas: Perform maintenance for a period of three months after planting unless the desired cover is obtained in a shorter time and the shorter period of Contractor's responsibility is authorized by the Public Works Director or their appointed designee.
 - 1. Thoroughly water sodded areas daily for a period of 15 days after placing, except when thoroughly wetted by rain.

SECTION 32 92 00 – SEEDING AND SODDING: continued

2. Maintain sod in good live condition. Prior to acceptance following the first full growing season (Spring to Fall) Contractor replace with fresh live sod any sod not in good growing condition at Contractor's expense.
3. Water thoroughly whenever sod shows evidence of excessive drying until sod is accepted.
4. To be acceptable, sodded areas shall have a good, uniform color and sturdy growth with no bare soil spots, over a minimum of 98% of the area sodded.

3.07 MEASUREMENT:

- A. Time of Completion: Completion time for seeding and sodding shall not apply to provisions for liquidated damages with respect to Contract completion time.

END OF SECTION 32 92 00

SECTION 33 01 10.58 – DISINFECTION OF WATER UTILITY PIPING SYSTEMS

PART 1 - GENERAL

- 1.01 RELATED DOCUMENTS:
- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.02 SUMMARY:
- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
 - B. This section includes disinfection of potable water utility piping systems and bacteriological testing.
- 1.03 REFERENCE STANDARDS:
- A. American Water Works Association:
 - 1. AWWA C651 - Disinfecting Water Mains.
- 1.04 SUBMITTALS:
- A. Submittal Requirements
 - 1. Disinfection Procedure:
 - 2. Submit description of procedure, including type of disinfectant and calculations indicating quantities of disinfectants required to produce specified chlorine concentration.
 - 3. Comply with AWWA C651.
 - B. Certify that disinfectants meet or exceed AWWA C651 requirements.
 - C. Test and Evaluation Reports: Indicate results of bacteriological and residual chlorine laboratory test reports.
 - D. Field Quality-Control Submittals: Indicate results of Contractor-furnished tests and inspections.
 - E. Qualifications Statement: Submit qualifications for applicator.
- 1.05 QUALITY ASSURANCE:
- A. Perform Work in compliance with AWWA C651.
 - B. Perform Work according to State of Missouri Environmental Protection Agency and Department of Natural Resources standards.
- 1.06 DELIVERY, STORAGE, AND HANDLING:
- A. Inspection: Accept materials on Site in manufacturer's original packaging and inspect for damage.
 - B. Store disinfectants according to manufacturer's recommendations and in a cool, dry place away from combustibles such as wood, rags, oils, and greases.
 - C. Handle disinfectants according to manufacturer's safety precautions.

PART 2 - PRODUCTS

- 2.01 DISINFECTANTS:
- A. Chlorine Forms: According to AWWA C651.

SECTION 33 01 10.58 – DISINFECTION OF WATER UTILITY PIPING SYSTEMS: continued

PART 3 - EXECUTION

3.01 EXAMINATION:

- A. Inspection:
 - 1. Verify that piping system is clean and free of polluting materials.
 - 2. Verify that piping system connections are properly made and clear of obstructions.

3.02 PREPARATION:

- A. Protect aquatic life and vegetation from damage from disinfectant solution purged from piping system.

3.03 APPLICATION

- A. Contractor shall provide all equipment and materials and perform conforming to AWWA C651.
 - 1. As modified herein.
 - 2. Include preliminary flushing, chlorination, and final flushing.
 - a. Contractor shall first flush the water main. The water shall be clear with a chlorine residual approximately equivalent to the source water and as approved by the Public Works Director.
 - b. The Contractor shall then pressure test the water main (refer to SECTION 33 11 00).
 - c. The Contractor is then permitted to perform system disinfection.
 - 3. Include all necessary temporary piping, valves, and pumps required for disinfection.
 - 4. Provide permanent corporation valves (AWWA taper) for use during disinfection on either side of all new valves.
- B. Obtain approval of materials and acceptance of methods proposed for use.
- C. May be conducted in conjunction with other acceptance tests.
- D. Owner will provide sampling and laboratory testing.
 - 1. Flush pipeline before use for potable water supply purposes. Dispose of preliminary flushing water without damage to public or private property.
- E. Repeat disinfection procedure should initial treatment fail to yield satisfactory results.
- F. Retention Period:
 - 1. After the disinfection operation has been completed, and upon test proved satisfactory, the heavily chlorinated water shall be retained in the main long enough to destroy all non-spore forming bacteria. This period shall be at least twenty-four (24) hours. At the completion of the retention period, the chlorine concentration of the water within the main shall not be less than 10 mg/l Reference Missouri Public Drinking Water Regulations 10 CSR 60-4.080(6).
 - a. If the chlorine concentration is increased to 100 mg/l the contact time can be reduced to three (3) hours. During the process the chlorine residual should not drop below 50 mg/l. If the dose is increased to 300 mg/l the contact time can be reduced to 15 minutes. However, methods must be provided to dispose of the very strongly chlorinated water safely.
- G. Disposal:
 - 1. Dispose of final flushing water without damage to public or private property.
 - 2. All water generated from cleaning, flushing, pressure and leakage testing, disinfection, and dewatering operations required for the project shall be dechlorinated and disposed of. The Contractor shall consider the following options:

SECTION 33 01 10.58 – DISINFECTION OF WATER UTILITY PIPING SYSTEMS: continued

- a. Water shall be dechlorinated using a sodium bi-sulfate solution and in-line mixer prior to being discharged to any sewer, pavement, ditch, swale, pond, lake, creek, stream, river or other ground surface, body of water or underground utility line.
 - (1) Prior to discharge, all water shall be tested for chlorine residual. Chlorine residual must be less than 4 mg/l and meet Mo. Code Regs. Tit. Section 10 CSR 60-4.055 - Disinfection Requirements latest edition.
 - b. Water shall be collected, hauled, and legally discharged offsite.
 - c. Water shall be collected in tanks and dechlorinated prior to discharge to any storm sewer, pavement, ditch, swale, pond, lake, creek, stream, river or other ground surface, body of water or underground utility line.
 - (1) Prior to discharge, all water shall be tested for chlorine residual. Chlorine residual must be less than 4 mg/l and meet Mo. Code Regs. Tit. Section 10 CSR 60-4.055 - Disinfection Requirements latest edition..
 - (2) Tanks may be fracture tanks or other temporary tanks.
 - (a) The type of tank(s) and their location on the project site are subject to the approval of the Public Works Director or their appointed designee.
 - d. Any combination of the three (3) options above.
- H. Repair damage caused by disinfectant solution and disinfection procedures.

3.04 FIELD QUALITY CONTROL

- A. Sampling:
 - 1. Collect water samples from piping system for bacteriological analysis according to AWWA C651.
 - 2. At least one set of samples shall be collected from every 1,200 ft of each branch of the new water piping system, plus one set from the end of the line and at least one set from each branch.
- B. Test water samples for bacterial contamination, residual chlorine, and others as required by State Health Standards for potable water.
- C. When water samples fail to meet State Health Standards for potable water, perform following corrective measures until water quality conforms to State Health Standards:
 - 1. Resume flushing and collect another set of coliform and heterotrophic plate count (HPC) samples.
 - 2. Continue flushing and sampling until samples meet State Health Standards.

END OF SECTION 33 01 10.58

SECTION 33 11 00 - PRESSURE PIPE

PART 1 - GENERAL

1.01 SUMMARY:

- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
- B. Permanent records will be created and stored for all water mains and appurtenances constructed under the Owner Supervised Program (OSP)
- C. This Section includes all pressure pipe, fittings, specials, and appurtenances. This includes buried and exposed process and non-potable water piping.
- D. Piping material shall be as specified herein and as indicated on the Drawings.
- E. Related Work Specified Elsewhere:
 - 1. Section 33 12 16 – Valves, Hydrants and Accessories.

1.02 REFERENCES:

- A. Applicable Standards:
 - 1. American Association of State Highway and Transportation Officials (AASHTO).
 - 2. American Water Works Association (AWWA):
 - a. C104 - Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water.
 - b. C110 - Ductile-Iron and Gray-Iron Fittings, 3 Inches Through 48 Inches, for Water and Other Liquids.
 - c. C111 - Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.
 - d. C115 - Flanged Ductile-Iron Pipe with Ductile-Iron or Gray-Iron Threaded Flanges.
 - e. C150 - Thickness Design of Ductile-Iron Pipe.
 - f. C151 - Ductile-Iron Pipe, Centrifugally Cast, for Water or Other Liquids.
 - g. C153 - Ductile-Iron Compact Fittings, 3 In. Through 24 In. (76 mm Through 610 mm), for Water Service.
 - h. C219 - Bolted, Sleeve-Type Couplings for Plain-End Pipe.
 - i. C900 - Polyvinyl Chloride (PVC) Pressure Pipe, 4 Inch through 12 Inch, for Water Distribution.
 - j. C905 - Polyvinyl Chloride (PVC) Water Transmission Pipe, Nominal Diameters 14 Inch Through 36 Inch.
 - k. C909 – Polyvinyl Chloride (PVC) Pipe
 - l. M23 - PVC Pipe-Design and Installation.
 - m. M41 - Ductile-Iron Pipe and Fittings.
 - 3. American National Standards Institute (ANSI):
 - a. B16.1 - Cast-Iron Pipe Flanges and Flanged Fittings, Class 25, 125, 250 and 800.
 - b. B16.21 - Nonmetallic Flat Gaskets for Pipe Flanges.
 - 4. American Society for Testing and Materials (ASTM):
 - a. A307 - Carbon Steel Bolts and Studs, 60,000 psi Tensile.
 - b. D1248 - Polyethylene Plastics Molding and Extrusion Materials.
 - c. F477 - Elastomeric Seals (Gaskets) for Joining Plastic Pipe.
 - d. G62 - Test Methods for Holiday Detection in Pipeline Coatings.
 - 5. National Sanitation Foundation (NSF):
 - a. 61 - Drinking Water System Components - Health Effects.

SECTION 33 11 00 – PRESSURE PIPE: continued

1.03 SUBMITTALS:

- A. Shop Drawings: Submit the following for acceptance prior to fabrication:
 - 1. Pipe and joint details.
 - 2. Special, fitting, and coupling details.
 - 3. Laying and installation schedule (for buried piping).
 - 4. Layout drawings (for interior and exterior exposed piping).
 - 5. Specifications, data sheets, and affidavits of compliance for protective shop coatings and linings.
 - 6. Manufacturer's design calculations.
- B. Certificates and Affidavits: Furnish the Following Prior to Shipment:
 - 1. Affidavit of compliance with applicable standard.
 - 2. Test certificates.

1.04 QUALITY ASSURANCE:

- A. Manufacturers shall be experienced in the design and manufacture of pipe, fittings, specials, or appurtenances for a minimum period of 5 years.

1.05 DELIVERY, STORAGE AND HANDLING:

- A. Supplier shall provide adequate strutting to protect pipe and fittings during handling, storage, hauling, and installation. Pipe and fittings shall be shipped with capping or other means on each opening for protection of the pipe.
- B. Care shall be taken in loading, transporting, and unloading to prevent injury to the pipe and fittings. Pipe and fittings shall not be dropped. Pipe and fittings shall be examined prior to delivery.
- C. In handling the pipe, wide cushioned slings shall be used or other devices and methods acceptable to the Contractor. No uncushioned ropes, chairs, wedges or levers shall be used in handling the pipe, fittings, and couplings.
- D. Materials shall be stored using appropriate means to isolate from ferritic materials and to prevent damage and contamination from ground.

PART 2 - PRODUCTS

2.01 PIPE REQUIREMENTS:

- A. Furnish pipe of materials, joint types, and sizes as indicated or specified.
- B. Pipe Marking: All pipe and fittings shall be marked conforming to the applicable standard specification under which the pipe is manufactured and as otherwise specified.

2.02 DUCTILE-IRON PIPE:

- A. Design and Manufacture of Pipe:
 - 1. Ductile-iron pipe shall be Class 52 conforming to AWWA C115, C150 and C151 except as otherwise specified.
 - 2. Minimum thickness for ductile-iron pipe threaded for screw-on flanges shall be in accordance with AWWA C115.
 - 3. Pipe with grooved barrel for any type of restrained joint shall have wall thickness increased to provide a minimum wall thickness conforming to AWWA C606.
- B. Joints:
 - 1. Style:
 - a. Mechanical and Push-On Type: Provide mechanical or push-on-type joints for all buried pipe unless otherwise specified or indicated.

SECTION 33 11 00 – PRESSURE PIPE: continued

- b. Joints shall conform to ANSI A21.11/AWWA C111, except gaskets shall be synthetic rubber. Natural rubber will not be acceptable.
- 2. Sleeved or Coupled:
 - a. Provide for sleeves or couplings where indicated.
 - b. Furnish pipe ends suitable for receiving style of sleeve or coupling indicated or specified.
 - c. Provide anchored couplings where restraint is required to withstand specified operating or hydrostatic test pressure and where indicated.
- 3. Restrained:
 - a. Furnish for all fittings and where joint restraint is required to offset internal pipeline forces.
 - b. Provide restrained joints of following approved types:
 - (1) Restrained mechanical and push-on joint.
 - (2) Cut grooved type for rigid joint conforming to AWWA C606.
 - (3) Anchored couplings.
 - c. Restrained joints shall be Flex-Ring or Lok-Ring restrained joint by American Ductile Iron Pipe, TR FLEX or HP Lok restrained joint by U.S. Pipe, or equal.
 - d. Mechanical joint retainer glands shall not be used where joint restraint is required unless indicated or approved by the Superintendent. When indicated, retainer glands shall be Megalug Model 1100 by EBAA Iron, Inc. or approved equal.
- C. Fittings:
 - 1. Fittings shall be ductile iron meeting ASTM A536, Grade 70-50-05, and conforming to ANSI A21.10/AWWA C110, ANSI A21.53/AWWA C153, 350 psi pressure rating. Joints shall be of the standard mechanical joint type conforming to ANSI A21.11/AWWA C104 and shall be coated inside and out with a bituminous coating. Fittings shall have distinctly cast upon them the pressure rating and letters "DI" or "DUCTILE".
 - 2. Conform to AWWA C110 and shall have a pressure rating of not less than that specified for pipe.
 - 3. Fittings for pipe with mechanical joint shall have mechanical joints.
 - 4. Fittings for pipe with push-on joints shall be mechanical joint or push-on-type joint.
 - 5. Fittings for pipe with grooved type joint shall have cut grooved type rigid joints per AWWA C606.
 - 6. Include all specials, taps, plugs and flanges as required.
 - 7. Provide openings for air valve, drain, sampling, sensing, testing, and other connections with threaded bosses or flange outlets sized and located where indicated. Provide tangent blow-off and drain assemblies where indicated. Outlet size shall be 6 inches and have flanged end.
- D. Lining:
 - 1. All pipe and fittings for water shall be cement-mortar lined in accordance with ANSI A21.4/AWWA C104.
- E. Coating:
 - 1. All iron pipe and fittings shall be coated with manufacturer's standard bituminous paint coating.
 - 2. Flange faces shall be coated in accordance with AWWA C115.
 - 3. The exterior of all ductile iron pipe, both buried and inside vaults, shall be coated with a layer of arc-sprayed zinc per ISO 8179. The mass of the zinc applied shall be 200 g/m² of pipe surface area. A finishing layer topcoat shall be applied to the zinc. The coating

SECTION 33 11 00 – PRESSURE PIPE: continued

system shall conform in every respect to ISO 8179-1 “Ductile iron pipes – External zinc-based coating – Part 1: Metallic zinc with finishing layer. Second edition 2004-06-01.”

2.03 PVC PIPE:

A. Materials:

1. Materials shall meet the requirements of ASTM D1784, Cell Classification 12454, for PVC compounds, and ANSI/AWWA C900 with cast iron O.D., for PVC pipe. Materials from which the pipe is manufactured shall have been tested and approved for conveying potable water by the National Sanitation Foundation (NSF/ANSI 61) and the Underwriter’s Laboratories (UL), and shall be marked with the U.L. logo.
2. Gaskets shall conform to ASTM F477 and be synthetic rubber.
3. Color of the PVC pipe shall be blue unless otherwise approved by Superintendent.

B. Design of Pipe: Design shall conform to AWWA C900 or C909 and as specified:

1. Internal Loading
 - a. Internal pressure specified plus allowance for surge pressure conforming to AWWA C900, C905 or C909.
 - b. Hydrostatic test pressure as specified.
2. External Loading
 - a. Earth dead load cover at 120 pcf plus AASHTO H-20 live loads.
 - b. 5% deflection limit.
 - c. Bedding condition as indicated in Standard Details.
3. Use E’ of 700 and bedding angle of 150°.

C. Dimensions: The minimum pressure class for PVC pipe per AWWA C900 shall be DR-18.

D. Diameters: PVC pressure pipe shall have Cast-Iron-Pipe-Equivalent (CI) outside diameters.

E. Joints: Pipe shall be furnished with integral bell-type pipe ends designed for joint assemble using elastomeric gaskets.

1. Mechanical and Push-On Type:

- a. Provide mechanical or push-on-type joints for all buried pipe less than 30 inches in diameter unless otherwise specified or indicated.
- b. Joints shall conform to AWWA C111.

2. Flanged:

- a. Provide flanged joints for all interior pipe except where otherwise specified or indicated.

3. Sleeved or Coupled:

- a. Provide for sleeves or couplings where indicated.
- b. Furnish pipe ends suitable for receiving style of sleeve or coupling indicated or specified.
- c. Provide anchored couplings where restraint is required to withstand specified operating or hydrostatic test pressure and where indicated.

4. Restrained:

- a. Furnish for all fittings and joints and where joint restraint is required to offset internal pipeline forces, unless otherwise noted on the drawings.
- b. Provide restrained joints of following approved types:
 - (1) Restrained mechanical joint.
 - (2) Restrained push-on joint.
 - (3) Anchored couplings.
- c. Mechanical joint retainer glands shall be:
 - (1) Megalug manufactured by EBAA Iron, Inc.
 - (2) Public Works Director approved equal

SECTION 33 11 00 – PRESSURE PIPE: continued

- (a) Coating:
 - 1) Retainer glands shall have a premium epoxy coating per AWWA C213
 - 2) Mega-Bond, Flexi-Coat, or Public Works Director approved equivalent
 - (b) Bolting Material:
 - 1) Provide 304 stainless steel nuts and bolts.
 - d. Anchored couplings shall be:
 - (1) Smith-Blair
 - (2) Public Works Director approved equal
 - F. Fittings:
 - 1. Fittings for 4-inch through 16-inch pipe shall be ductile iron mechanical joint with stainless steel bolts and conform to AWWA C110 with a pressure rating of not less than that specified for the pipe. Include all specials, traps, plugs, saddles, and flanges as required.
- 2.04 SLEEVES AND COUPLINGS:
- A. Sleeves:
 - 1. AWWA C110 mechanical joint ductile-iron solid-sleeve type:
 - a. Pipe end space shall not exceed one-third of the sleeve laying length.
 - b. Interior, exposed, exterior, or buried service as indicated.
 - B. Couplings:
 - 1. Center sleeve and compression gland-type end ring conforming to AWWA C219.
 - 2. Center sleeve shall be without pipe stop.
 - 3. Couplings for joining direct buried, exposed exterior, vault or pit installations of iron, or PVC pipe up to 12-inch diameter shall be iron. Provide lined and coated steel couplings for larger pipe diameters.
 - 4. Couplings for exposed interior iron or PVC pipe may be steel or iron.
 - 5. Fastener bolts shall be ductile iron or stainless steel for iron couplings and high-strength, low-alloy steel for steel couplings. Bolts for direct buried coupling installations shall be stainless steel.
 - 6. Center sleeve and end rings shall be:
 - a. Ductile or malleable iron for iron couplings.
 - b. Steel for steel couplings.
 - 7. Lining and Exterior Coating:
 - a. Use for all steel couplings intended for direct bury, exposed exterior, vault or pit installations.
 - b. Completely coat center sleeve and end rings.
 - c. Two-part epoxy or nylon fuse-coated to a minimum 10 mils thickness.
 - d. Line interior of all steel couplings intended for exposed-interior installations. Coat exterior with normal shop coating.
 - C. Flanged Coupling Adapters:
 - 1. Flanged end and body to be one unit conforming to AWWA C219. Coupling end to be compression gland type with follower ring.
 - 2. Adapters for joining direct buried, exposed exterior, vault or pit installations of iron pipe shall be iron.
 - 3. Adapters for joining exposed interior iron pipe may be steel or iron.

SECTION 33 11 00 – PRESSURE PIPE: continued

4. Flanged end bolt circle, bolt size, and spacing shall conform to the applicable provisions of ANSI B16.1 and shall be drilled Class 125 for iron adapters. Flanges on steel adapters shall be AWWA C207, Class D, drilled ANSI B16.1 Class 125.
 5. Bolts and nuts shall be ductile iron for iron adapters and high-strength, low-alloy steel for steel adapters.
 6. Anchor studs shall not be used where joint restraint is required. Furnish adapters with tie rod harness assemblies where indicated.
 7. Lining and Exterior Coating for Steel Adapters:
 - a. Two-part epoxy or nylon fuse-coated to a minimum 10 mils thickness.
 - b. Completely coat adapter sleeve and end follower gland plus line interior for adapters intended for exposed exterior, vault or pit installations.
 - c. Line interior of all adapters intended for exposed interior installations. Coat exterior with normal shop coating.
- D. Expansion Joint Couplings (Sleeve Couplings):
1. Furnish single-end and double-end steel pipe expansion joints or bellows style expansion joints with restraints where indicated.
 2. Slip-pipe's exterior section, which is in contact with the packing, is to be hard chrome-plated on a machined surface.
 3. Furnish with limit rods where joint restraint is required.
 4. Lining and Exterior Coating:
 - a. Normal shop coating.
 - b. Line slip-pipe with epoxy.
 - c. Line body-pipe with epoxy.
 5. Bolts and limit rods shall be stainless steel.
 6. Acceptable manufacturers are as follows:
 - a. Dresser Industries, Inc. – Style 63, Type 1, 2, 3, and 4.
 - b. Rockwell International Corp. – Type 611 and 612.
 - c. Ford Meter Box Company, Inc. – Style FEJ.
 - d. Public Works Director approved equal.
- E. Anchored Couplings:
1. Furnish where joint restraint required to offset internal pipeline forces.
 2. Provide harnessed sleeve couplings and flanged coupling adapters with tie rod harnesses where indicated.
 - a. Harnesses shall consist of lugs or clamps welded or otherwise securely fastened to opposite joint elements with tie bolts between opposing lugs. "Dog ear" lugs shall be fabricated as indicated.
 - b. Design of harnesses for steel pipe shall conform with applicable provisions of AWWA M11.
 3. Provide expansion couplings with limit rods.
 4. Provide couplings for grooved and shouldered type joints conforming to AWWA C606.
 - a. Furnish grooved ends on ductile-iron end pipe.
 - b. Furnish shouldered ends on steel pipe.
 5. Mechanical joint retainer glands shall not be used where joint restraint is required unless indicated. When indicated, retainer glands shall be Megalug manufactured by EBAA Iron, Inc.
- F. Insulated Couplings:
1. Couplings shall be insulated to prevent electrical conductivity where indicated.
 2. Insulated coupling design shall be otherwise conforming to the standard types and styles specified.

SECTION 33 11 00 – PRESSURE PIPE: continued

3. Insulated couplings shall be installed between all dissimilar metals.
 - G. Dismantling Couplings: (Dismantling Joint):
 1. Consists of a mechanical joint fitting located between two pipe flanges with restraining rods across the mechanical joint section, providing a restrained system with integral space for removal of adjacent equipment.
 2. Shall conform to AWWA C-219.
 3. Materials shall be steel.
- 2.05 GASKETS AND BOLTING MATERIALS:
- A. Provide all gaskets, bolts, lubricant, and other accessories required to install pipe, fittings, and specials complete and ready for service.
 - B. Gaskets for flanged joints shall conform to ANSI B16.21, 1/8-inch thick full-face synthetic rubber or American Cast Iron Pipe Company Toruseal 1/8-inch thick full-face gasket or U.S. Pipe Company Flange-Type 1/8-inch thick ring gasket. Provide full-face gaskets for all flanges.
 - C. Gaskets for ductile iron flanged pipe and fittings 12 inch and smaller shall have "nominal" inside diameters, not the larger inside diameters per ANSI B16.21.
 - D. Bolts for flanged joints shall conform to ASTM A307, Grade B. Nut and bolt heads shall be hexagonal.
 - E. Gaskets and bolts for other than flanged joints shall be as otherwise specified for pipe and pipe joints.
- 2.06 TRACING WIRE:
- A. Blue-colored tracing wire shall be provided for all buried non-metallic pipe as shown in Standard Details.
 1. PVC-insulated, No. 12 AWG Solid Copper Tracing Wire as approved by the City.
- 2.07 WATER SERVICES:
- A. The water service line shall be Type K Copper 3/4" min with compression type connection.
 - B. Contractor shall perform all pressure taps live.
 - C. A minimum of 10' separation must be maintained between the new water service and the existing sanitary service, and 2' separation between the new tap and any existing taps on the main.

PART 3 - EXECUTION

- 3.01 INSTALLATION:
- A. Installation by Contractor.
 - B. Use equipment, methods, and materials ensuring installation to lines and grades indicated.
 - C. Accomplish horizontal and vertical curve alignments with bends, bevels, and joint deflections.
 1. Limit joint deflection not more than half the manufacturer's maximum joint deflection.
 - D. Install pipe of size, materials, strength class, and joint type with embedment indicated for plan location.
 - E. Clean interior of all pipe, fittings, and joints prior to installation. Exclude entrance of foreign matter during installation and at discontinuance of installation.
 1. Close open ends of pipe with snug-fitting closures.
 2. Do not let water fill trench. Include provisions to prevent flotation should water control measures prove inadequate.

SECTION 33 11 00 – PRESSURE PIPE: continued

3. Remove water, sand, mud, and other undesirable materials from trench before removal of end cap.
 - F. Brace or anchor as required to prevent displacement after establishing final position.
 - G. Perform only when weather and trench conditions are suitable. Do not lay in water.
 - H. Observe extra precaution when hazardous atmospheres might be encountered.
- 3.02 SAND FILL AND END SEALS:
- A. Construct end seals (and fill annular space between carrier pipe and casing with dry sand) as indicated and as follows:
 1. After inside of casing has been thoroughly cleaned and approved by the Public Works Director.
 2. After carrier pipe has been permanently placed inside casing, tested, and approved.
 3. Place dry sand by Public Works Director-approved method and equipment.
 4. Brick end seals shall conform to ASTM C32, Grade MS. Mortar shall conform to ASTM C270, Type M, with Type II portland cement and Type S lime.
- 3.03 CONNECTIONS TO EXISTING STRUCTURES:
- A. Connect pipe to existing structures and pipelines where indicated.
 - B. Prepare structure by making an opening with at least 3 inches clearance all around fitting to be inserted.
- 3.04 PROTECTION OF WATER SUPPLIES:
- A. During the course of construction the Contractor shall take proper steps to protect the potable water supply facilities from contamination within the limits of construction.
 - B. Separation of Water Mains, Sanitary Sewers and Combined Sewers.
 1. Separation requirements shall meet Chapter 8.6 of the Missouri Department of Natural Resources (MDNR) publication Minimum Design Standards for Missouri Community Water Systems (latest edition). Protection of water mains during construction from sources of contamination by—
 - a. Maintaining at least a ten-foot (10') horizontal separation of water mains from any existing or proposed sanitary sewer, force main, or storm sewer. The distance must be measured edge-to-edge. Installation of the water main closer to a sanitary sewer is acceptable where the water main is laid in a separate trench or on an undisturbed earth shelf located on one (1) side of the sanitary sewer at an elevation so the bottom of the water main is at least eighteen inches (18") above the top of the sanitary sewer;
 - b. Providing a minimum vertical distance of eighteen inches (18") between the outside of the water main and the outside of the sanitary sewer, force main, or storm sewer where water mains cross sanitary sewer mains, force mains, or storm sewers. This shall be the case where the water main is either above or below the sanitary sewer, force main, or storm sewer. At crossings, one (1) full length of water pipe must be located so both joints will be as far from the sanitary sewer, force main, or storm sewer line as possible. Special structural support for the water and sanitary sewer, force main, or storm sewer pipes may be required;
 - c. Locating water mains so that they do not pass through or come in contact with any sanitary sewer manhole; and
 - d. Consulting with the department as to the precautions necessary where the conditions in parts (2)(B)5.C.(I)-(IV) cannot be met.

SECTION 33 11 00 – PRESSURE PIPE: continued

3.05 FIELD TESTING:

A. Field testing by Contractor.

1. Water Main

- a. All testing shall be performed in accordance with AWWA C-605.
- b. Contractor shall work to expell all air from system prior to performing test.
- c. Each valved section of water main shall be subject to a 2-4 hour 150 psi pressure test (i.e. at the highest point of the water main).
- d. The Contractor shall test all hydrants and valves.
- e. The test pressure is not permitted to vary by more than 5 psi during the test period.
- f. Leakage test may be performed at the same time as the pressure test or subsequent to the pressure test.
- g. Leakage shall be calculated in accordance with AWWA C-605 and PVC Pipe Association requirements.
- h. Contractor shall find and repair all leaks within the system.
- i. The Contractor is not permitted to test against any existing valves. All pressure tests shall be performed against new valves or temporary plugs/caps.
- j. Contractor is responsible for all temporary bracing and blocking of temporary plugs/caps.
- k. Contractor shall provide all necessary piping, valves, and appurtenanes to complete the test.
- l. The Contractor shall perform the test in the presence of the Public Works Director or theirPublic Works Director or their appointed designee.
- m. The Contractor shall perform the pressure test before final disinfection of the water main.
- n. Contractor shall perform test on tracer wire across the entire run

2. Leakage Tests:

- a. Contractor shall perform by exfiltration method on all pipe installed.
- b. Furnish water and all facilities required including:
 - (1) Necessary piping connections.
 - (2) Test pumping equipment.
 - (3) Water meter.
 - (4) Pressure gauge.
 - (5) Bulkheads.
 - (6) All miscellaneous items required.
- c. Obtain approval of equipment and acceptance of methods proposed for use.
- d. Test remaining pipe in sections determined by Contractor and approved by the Public Works Director or theirPublic Works Director or their appointed designee.
- e. Maintain test as necessary to locate all leaks but not less than two hours.

END OF SECTION 33 11 00

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES

PART 1 - GENERAL

SUMMARY:

- A. This specification is not considered engineered or designed for every project. Professional responsibility is the sole and exclusive obligation of the engineer of record for each specific project.
- B. This Section includes all valves and accessories.
- C. Related Work Specified Elsewhere:
 - 1. Pressure Pipe: SECTION 33 11 00.
 - 2. Disinfection of Water Utility Piping Systems: SECTION 33 01 10.58

1.02 REFERENCES:

- A. Applicable Standards:
 - 1. American National Standards Institute (ANSI):
 - a. B16.1 - Cast-Iron Pipe Flanges and Flanged Fittings, Class 25, 125, 250 and 800.
 - 2. American Society for Testing and Materials (ASTM):
 - a. A126 - Gray Iron Castings for Valves, Flanges and Pipe Fittings.
 - b. A276 - Stainless and Heat Resisting Steel Bars and Shapes.
 - c. A536 - Ductile Iron Castings.
 - d. A564 - Hot-Rolled and Cold-Finished Age-Hardening Stainless and Heat Resisting Steel Bars and Shapes.
 - 3. American Society for Testing and Materials (ASTM):
 - a. A36 - Carbon Structural Steel.
 - b. A570 - Hot-Rolled Carbon Steel Sheet and Strip, Structural Quality.
 - c. C32 - Sewer and Manhole Brick (Made from Clay or Shale).
 - d. C270 - Mortar for Unit Masonry.
 - 4. American Water Works Association (AWWA):
 - a. C111 - Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.
 - b. C207 - Steel Pipe Flanges for Waterworks Service - Sizes 4 Inch Through 144 Inch (100 mm through 3600 mm).
 - c. C500 - Metal-Seated Gate Valves for Water Supply Service.
 - d. C502 - Dry-Barrel Fire Hydrants.
 - e. C504 - Rubber-Seated Butterfly Valves.
 - f. C507 - Ball Valves, 6 Inch Through 48 Inch (150 mm through 1200 mm).
 - g. C509 - Resilient-Seated Gate Valves for Water Supply Service.
 - h. C512 - Air-Release, Air/Vacuum, and Combination Air Valves for Waterworks Service.
 - i. C550 - Protective Epoxy Interior Coatings for Valves and Hydrants.
 - j. C600 - Installation of Ductile-Iron Water Mains and Their Appurtenances.
 - 5. National Fire Protection Association (NFPA):
 - a. 1963 - Screw Threads and Gaskets, Fire Hose Connections.
 - 6. Society for Protective Coatings (SSPC):
 - a. SP-3 - Power Tool Cleaning.

1.03 SUBMITTALS:

- A. Include, but not limited to, the following:

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

1. Catalog data or illustrations showing principal dimensions, parts, and materials.
 2. Spare parts list referenced to illustration of parts.
 3. Assembly and disassembly or repair instructions.
 4. Dimensions of the clearance required for butterfly valve discs.
 5. Pipe alignment guides
 6. Guide spacer bands
 - B. Certificates and Affidavits: Furnish prior to shipment. Include the following:
 1. Test certificates.
 2. Affidavit of compliance with applicable AWWA Standard.
 3. Certify compliance with acceptable standards for the following:
 - a. Casing material
 - b. Casing Paint coating/lining system
- 1.04 QUALITY ASSURANCE:
- A. Manufacturers shall be experienced in the design and manufacture of specific valves and accessories for a minimum period of 5 years.
- 1.05 DELIVERY, STORAGE, AND HANDLING:
- A. Ship all valves with suitable end covers to prevent entrance of foreign material into valve body.
 - B. Protect valve threads, flanges, stems, and operators from damage.
- 1.06 RESPONSIBILITY:
- A. Actuators, their controls, and accessories shall be the responsibility of the valve manufacturer for sizing, assembly, certification, field testing, and any adjustments necessary to operate the valve as specified.

PART 2 - PRODUCTS

- 2.01 RESILIENT-SEATED GATE VALVES
- A. As indicated in the drawings.
 - B. Acceptable Valve Manufacturer
 1. Mueller Company.
 2. Clow Valve Company.
 3. American
 4. Public Works Director approved equal.
 - C. Design:
 1. Conform to AWWA C509 and as specified.
 2. All stem seals shall be double O-ring type.
 - D. Actuators:
 1. All valves shall open counterclockwise unless indicated otherwise by the Public Works Director.
 - E. Interior Coating:
 1. Conform to AWWA C550.
 2. Apply to all interior ferrous metal surfaces.
 - F. Testing:
 1. Testing shall be performed conforming to AWWA C509.
 2. Furnish affidavit of compliance.

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

2.02 BUTTERFLY VALVES:

- A. As indicated in the drawings
 - 1. Acceptable Manufacturers:
 - a. Mueller Company.
 - b. Clow Valve Company.
 - c. American
 - d. Public Works Director approved equal.
 - 2. Design:
 - a. Conform to AWWA C504, AWWA C540, and as specified. Each valve shall be provided with an operator with a torque rating at least equal to the torques listed in AWWA C504.
 - b. Suitable for type of installation specified.
 - c. Conform to criteria indicated in Design Data and Valve Schedule Tables.
 - d. All valve end flanges shall conform to the following:
 - (1) ANSI B16.1, Class 125 for cast-iron body, Class 25A through Class 150B valves.
 - (2) AWWA C207, Class D with ANSI B16.1 Class 125 drilling for steel body, Class 25A through Class 150B valves.
 - (3) ANSI B16.1, Class 125 for ductile-iron bodies.
 - (4) AWWA C207, Class E for steel body, Class 250 valves.
 - e. Mechanical or push-on type rubber-gasket joint ends shall conform to AWWA C111.
 - f. Valves with a stop or lug cast integrally or mechanically secured to the body for the purpose of limiting disc travel will not be acceptable.
 - 3. Materials and Construction:
 - a. Body shall be of cast iron for Class 25A through Class 150B valves and ductile iron for Class 250 valves.
 - b. Shafts shall be ASTM A276 Type 304 or 316 stainless steel for Class 25A through Class 150B valves and ASTM 564 Type 630 stainless steel for Class 250 valves. Design velocity for Class 250 valves shall be 16 fps.
 - c. Disc shall be cast or ductile iron for Class 25A through Class 150B valves and ductile iron for Class 250 valves.
 - d. Seats shall be synthetic rubber and be body mounted. Mating seat surface shall be stainless steel or Monel. Sprayed or plated mating surfaces are not acceptable.
 - e. All valves shall be provided with stem seals of the "O" ring type. Two "O" rings shall be used with at least one "O" ring inserted above the thrust collar. The packing plate shall be attached to the valve bonnet by not less than three (3) bolts and one "O" ring below the thrust collar.
 - f. Valve ends shall be of the mechanical joint type, conforming to ANSI A21.11/AWWA C111 except where flange ends are required. The end flanges of flange gate valves shall conform in dimensions and drilling to ANSI B16.1 for cast-iron flanges and flange fittings, unless otherwise approved by the General Manager. The laying lengths of the flange valves shall conform to the dimensions of ANSI B16.10.
 - g. The bonnet shall have a removable thrust plate to permit the removal and replacement of the valve stem and "O" ring seal while the valve is in service.

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

4. Actuators:
 - a. Manual Actuators:
 - (1) All valves shall open counterclockwise.
 - (2) Actuators shall be operated by a two inch (2") square nut
5. Testing: Furnish certified copies of results of performance, leakage, and hydrostatic tests performed in compliance with Section 5, AWWA C504.
6. Shop Painting: Paint exterior surface of valves in compliance with AWWA C504 for installation as noted. Apply interior coating conforming to AWWA C550 to exposed ferrous metal surfaces. Provide affidavit or certificate of compliance per AWWA C550.

2.03 CORPORATION VALVES

- A. Acceptable Manufacturers
 1. Mueller Company
 - a. Part No. B25008N, all wetted parts low lead brass alloys
 2. The Ford Meter Box Company
 - a. Ballcorp Corporation Stops
 3. McDonald
 - a. NL Ball Style (Model No. 74701BQ)
 4. Or equal, approved by the Public Works Director
- B. Design:
 1. All service brass will comply with AWWA C-800. Components in contact with potable water also comply with latest requirements of the Federal Safe Drinking Water Act.
 2. Shall have full 360 degree turn
- C. Materials of Construction
 1. Body, Stem, and Ball - Bronze - ASTM B584 Alloy C89833/C87850
 2. Cap - Bronze - ASTM B584 Alloy C83600/C87850.
 3. Stem O-ring - ASTM D2000 EPDM Rubber.
 4. Molded Rubber Seats - ASTM D2000 EPDM Rubber Gasket.
 5. Pin/Screw - Stainless Steel
- D. End Connections
 1. Compression type
 2. Or equal, approved by the Public Works Director
- E. Working Pressure
 1. A maximum water pressure rating of 300 psig

2.04 FIRE HYDRANT ASSEMBLY

- A. Acceptable Manufacturers:
 1. Mueller Company, Super Centurion 250 with storz
 2. Public Works Director approved equal.
- B. Design:
 1. Conform to AWWA C502 and as specified.
 2. Provide compression type main valve designed to open against pressure. Valve facings shall be of nontoxic materials suitable for potable water service.
 3. Provide internal main valve seat opening of not less than 5 inches diameter.
 4. Design to open counterclockwise (clockwise).

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

5. Provide 6" N.R.S. resilient wedge gate valve and valve box with "WATER" cast into the lid, Mueller or Kenndy valves shall open left (or approved equal). Zinc caps will be required on all mechanical joint fittings
 6. Provide dry-type bonnet with lubricant reservoir protected by O- or Quad-ring seals.
 7. Provide mechanical joint bell on shoe.
 8. Furnish for minimum bury depth of 5 feet. Include extensions as required for blow-offs.
 9. Furnish with two 2-1/2-inch hose nozzles and one 4-1/2-inch pumper nozzle with NFPA 1963 standard threads. Nozzle caps shall be chained to hydrant.
 10. Provide traffic break-off joint located above and near ground surface designed to minimize accident repairs.
 11. Working pressure 250 psi
- C. Shop Painting:
1. Shop paint exterior of hydrants red in accordance with the Public Works Director's Standards. Contractor shall coordinate with the Public Works Director or their appointed designee upon submittal review.
 2. Interior Coating:
 - a. Conform to AWWA C550.
 - b. Apply to exposed interior ferrous metal surfaces.

2.05 VALVE BOXES:

- A. Acceptable Manufacturers:
1. Clay and Bailey Manufacturing Company-No. P-1108.
 2. Tyler Company.
 3. Public Works Director approved equal.
- B. Provide for all buried valves, and as indicated on the drawings.
1. Valve boxes shall be of cast iron, extension sleeve screw type, suitable for the depth of cover required by the drawings.
 2. All parts of valve boxes, bases, and covers shall be coated by dipping in bituminous varnish. Valves and valve boxes shall be set plumb. Each valve box shall be placed directly over the valve it serves, with the top of the box brought flush with the finished grade. After being placed in proper position, earth shall be filled in around each valve box and thoroughly tamped on each side of the box.
 3. Extension stems and stem guides shall be provided where shown, specified, or required for proper operation. Extension stems shall be fabricated from solid steel shafting not smaller in diameter than the stem of the valve or approved equal. Extension stems shall be connected to the valve by a flexible, socket-type coupling. All connections shall be pinned, keyed, or socket type. Pipe couplings will not be acceptable. Extension stems shall be provided for buried valves when the operating nut is more than three feet below finished grade. Each extension stem for a buried valve shall extend to between three (3) feet and three (3) feet six (6) inches of the ground surface, and shall be provided with spacers which will center the stem in the valve box, and shall be equipped with a wrench nut.
- C. Design:
1. Boxes shall be three-piece cast-iron screw type with 5-1/4-inch shaft.
 2. Provide extension stem to bring operating nut within 2 feet of valve box top.

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

2.06 ENCASEMENT FOR PIPING:

- A. Casing Pipe: New, smooth wall, welded steel pipe fabricated from ASTM A36 plate or ASTM A570 sheet with a minimum yield point of 36,000 psi, conforming to AWWA C200. Furnish pipe with minimum wall thickness as follows:

1. Minimum Casing Thicknesses: in accordance with table below.

Carrier Pipe Size (in.)	MIN Casing Pipe Size (in.)	Casing Pipe Wall Thickness (in.)
6	14	0.25
8	18	0.25
12	24	0.25
16	24	0.25
20	30	0.25

2. Minimum casing inside diameter shall exceed outside diameter of carrier pipe joints or coupling by 4 inches
- B. Spacers
1. Advance Products & Systems, LLC.
- a. Model SSI Stainless Steel Band Casing Spacers
- b. Model SI Steel Band Casing Spacers
- c. Model CI Polyethylene Spacers & Insulators
- d. Public Works Director approved equal.
- C. End seals
1. Advance Products & Systems, LLC.
- a. Model AC Pull-On End Seal
- b. Model AW Wrap-around End Seal
- c. Model AZ Zipper End Seal
- d. Model AM Molded End Seal
- e. Public Works Director approved equal.
- D. Coatings and Linings:
1. Coat exterior and line interior of all casing pipe with iron oxide primer applied at 1.5 mils minimum thickness.
2. Hold coatings back from end joints to be welded at least 2 inches each side of joint.
- E. Joints:
1. All joints in steel pipe casings shall be field welded to conform to API 1104 or AWWA C206.
2. Clean to SSPC-SP3 and apply iron oxide field coating to all exterior joints after field welding.
3. Clean to SSPC-SP3 and apply iron oxide field coating to all interior joints on casings 24-inch diameter and larger after field welding.

2.07 SHOP PAINTING:

- A. Prepare surfaces epoxy coat all valves and all related accessories standard of the manufacturer unless otherwise specified herein.
- B. Paint and coatings shall be suitable for the service intended.
- C. Submit type of paint or coating proposed with drawings and data for Public Works Director approval prior to fabrication.

2.08 TAPPING SADDLES

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

- A. Acceptable Manufacturers:
 - 1. The Ford Meter Box Company, Inc.
 - a. S90 brass saddles with AWWA taps for C900/C909 PVC pipe.
 - 2. Muller Company
 - a. H-13443 saddle for AWWA C900 PVC pipe.
 - 3. Or equal, approved by the Public Works Director.
- B. Provide for all tapping sleeves as indicated in the drawings.
- C. Design:
 - 1. All brass shall conform to AWWA Standard C800
 - 2. Three-piece bolted design for sizes 10" and 12" with 1-1/2" and 2" taps and two-piece for 3/4" and 1" taps (any size)
 - 3. All assemblies approved for ANSI/NSF-61.
 - 4. 150 psi working pressure rating
 - 5. Suitable for type and size of installation specified.

2.09 JOINT COUPLING

- A. Acceptable Manufacturers:
 - 1. The Ford Meter Box Company, Inc.
 - a. Quick joint coupling (C44-xx-Q-NL style)
 - 2. Muller Company
 - 3. McDonald
 - a. NL Service Fitting – 74758Q
 - 4. Or equal, approved by the Public Works Director.
- B. Design:
 - 1. All brass shall conform to AWWA Standard C800
 - 2. All assemblies approved for ANSI/NSF-61.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Comply with provisions of AWWA C600 and as specified.
- B. Thoroughly clean and remove all shipping materials prior to setting. Operate all valves from fully opened to totally closed.
- C. Equip with anchorage where indicated.
- D. Set fire hydrants with lowest nozzle 18 inches above finished grade. Check and fill stem bonnet lubricant reservoir.
- E. Install Casing pipe:
 - 1. By boring with continuous flight auger, pneumatic or hydraulic jacking, or other acceptable method. Reinforce leading end of casing with jacking band.
 - 2. Including measures for maintaining indicated line and grade for casings less than 24-inch diameter within a plus or minus tolerance of 0.5%. Maintain indicated line and grade for casings 24-inch and larger within a plus or minus tolerance of 3 inches over length of casing.
 - 3. With working pits of adequate size to provide safe working conditions. Install sheeting and bracing to conform to OSHA requirements.
 - 4. In such a manner as not to disrupt traffic or damage the roadway grade or surface.

SECTION 33 12 16 - UTILITY VALVES, HYDRANTS AND ACCESSORIES: continued

5. Casings rejected due to misalignment or other failures to conform to Specifications shall be abandoned in place and filled with concrete grout. Casing pipe shall not be recovered for reuse.
 - F. Casing spacers and end seals:
 1. Install appropriate casing spacers and end seals in accordance with the manufacturer's recommendations.
- 3.02 FIELD TESTING:
- A. Perform on piping and valves as specified in SECTION 33 11 00 and for the following:
 1. Gate valves.
 2. Butterfly valves.
 3. Corporation valves.
 4. Fire hydrant assemblies.

END OF SECTION 33 12 16

CITY OF FESTUS, MISSOURI CITY COUNCIL ACTION RECOMMENDATION



Subject: Bill No. 4874 - An ordinance of the City Council of the City of Festus, Missouri; authorizing the Mayor to enter into and execute an Economic Development Agreement with Olive Garden Holdings, LLC; incorporating said agreement as a part of this ordinance; and establishing an effective date.

Meeting Date: February 23, 2026

Presented By: Greg Camp, City Administrator

BACKGROUND/COMMENTS:

In April of 2025, the City began discussions with Brad Vincent - Consultant, Credits and Incentives with the Ryan Corporation of Orlando, Florida about expansion plans for Darden Restaurants, Inc. ("Darden") to build a new Olive Garden in Festus on Shapiro Drive. The project delivers:

- 3-4 manager-level jobs
- 50 - 60 additional full- time equivalent (FTE) employee positions
- \$523,600 of sales taxes collected and remitted each year
- \$58,000 of property taxes collected and remitted each year
- Construction of a new restaurant building estimated 6,500 square feet, with an estimated capital investment of \$4.5 million

Over the past 8 months, staff and legal counsel have negotiated with Ryan Corporation and Darden Restaurants to deliver the following Economic Development Agreement:

- The City agrees to provide the Applicant with a partial refund of general fund sales tax revenue generated by the Restaurant, following this schedule: For the first 5 years, the City will refund 50% of the general fund sales tax generated by the Restaurant. For the following 5 years, the City will refund 35% of the general fund sales tax generated by the Restaurant.
- The refund period will last a total of 10 years, starting on the earlier of August 1, 2027, or the date the Applicant receives a Certificate of Occupancy for the Restaurant. This refund only applies to the City's general fund sales tax. It does not include sales tax revenues dedicated to other city funds (e.g., transportation, public safety), and sales taxes collected by the county or state.
- The Restaurant must generate a minimum of \$40,000 in general fund sales tax for the corresponding calendar year.
- The \$40,000 in general fund sales tax can be prorated for the first and last year if it is less than a full 12-month year.

- The Applicant shall commence the construction of the Restaurant by October 1, 2026, and shall apply for a Certificate of Occupancy from the City by August 1, 2027.

BUDGET CONSIDERATIONS:

None

LEGAL CONSIDERATIONS:

Agreement has been reviewed by legal

RECOMMENDED ACTION:

Approve Economic Development Agreement

ATTACHMENTS/BIDS/DOCUMENTS:

1. Bill No. 48XX - Olive Garden Economic Development Agreement 01262026

BILL NO. 4874_____

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FESTUS, MISSOURI; AUTHORIZING THE MAYOR TO ENTER INTO AND EXECUTE AN ECONOMIC DEVELOPMENT AGREEMENT WITH OLIVE GARDEN HOLDINGS, LLC.; INCORPORATING SAID AGREEMENT AS A PART OF THIS ORDINANCE; AND ESTABLISHING AN EFFECTIVE DATE.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FESTUS, MISSOURI, as follows:

SECTION I. That the Mayor is hereby authorized to enter into and execute an Economic Development Agreement with Olice Garden Holdings, LLC., as attached hereto.

SECTION II. That said Agreement is incorporated in this Ordinance as if fully set out herein.

SECTION III. This Ordinance shall be and become in full force and effect from and after the date of its passage by the City Council and the approval of the Mayor.

READ TWO TIMES AND PASSED THIS _____ DAY OF _____, 2026

President of the City Council

APPROVED THIS _____ DAY OF _____, 2026

Mayor of the City of Festus

ATTEST:

City Clerk

CITY OF FESTUS
2026 Roadblock Schedule

<u>Month</u>	<u>Day</u>	<u>Rain</u>	<u>Organization</u>
January			<i>Not allowed</i>
February			<i>Not allowed</i>
March	21st	28th	Twin City Amvets Post 171
April			<i>open</i>
May	9th	16th	Shop with a Cop
June			<i>open</i>
July	11th	18th	Shop with a Cop
August	15th	22nd	Festus Fire Department
September			<i>open</i>
October	3rd	10th	Knights of Columbus
November			<i>Not allowed</i>
December			<i>Not allowed</i>

Online Form Submittal: Downtown Festival Request

From noreply@civicplus.com <noreply@civicplus.com>

Date Tue 2/10/2026 10:58 AM

To Leah Smith <lsmith@festusmo.gov>

Downtown Festival Request

City of Festus - Downtown Festival Application

All Downtown Festival Applications are submitted to the City Council for approval/denial at an upcoming City Council Meeting. Please give the City as much notice and information as possible when submitting your application.

City of Festus Code Section 510.100:

The City Council of the City of Festus may authorize closing all or part of Main Street for recognized community events such as parades, marches, festivals and holiday celebrations. Arterial streets may also be closed to insure public safety when an event on Main Street has been authorized.

The City Council may authorize events on City-owned parking lots for festivals and celebrations. Applications for use of a City-owned parking lot shall be submitted at least thirty (30) days in advance of the proposed event. The City Council shall issue a permit under this Section when it finds:

1. The proposed activity and use will not unreasonably interfere with or detract from the promotion of public health, welfare, safety and recreation;
2. The proposed activity or use is not reasonably anticipated to incite violence, crime or disorderly conduct;
3. The proposed activity will not entail unusual, extraordinary or burdensome expense or Police operation by the City; and
4. The parking lot desired has not been reserved for other use at the day and hour required in the application.

Link to City Code Section 510.100: <https://ecode360.com/28131199>

I have read and understand the above.	Yes, I understand City Code Section 510.100.
Name of Event	Twin City Little League Opening Day Parade
Name of Business	Twin City Little League
Date(s) of Event	4/18/2026 8:45 AM - 4/18/2026 10:15 AM
Event Area of Downtown	Line up for parade starts at Festus Elementary and goes down Main Street to the Little League fields
Streets to be Barricaded	61/67 but we can also just us the lights if we need to.
Applicant Information	
Name (First and Last)	Amy Reynolds
Email Address	a.knop87@gmail.com
Address	766 Prairie View Dr
City	Herculaneum
State	Missouri
Zip Code	63048
Phone Number	6183172707
I have notified all adjoining business owners	No
Will alcohol be sold?	No
I am requesting a Picnic License in conjunction with this Downtown Festival Application	No
I am requesting a Caterer's Permit in conjunction with this Downtown Festival Application	No
If you answered "Yes" to a Picnic or Caterer's Permit above, please enter your Liquor License #:	<i>Field not completed.</i>
Are you requesting a road closure?	No
City of Festus - Trailer Deposit Agreement	<u>City of Festus - Trailer Deposit Agreement</u>

Email not displaying correctly? [View it in your browser.](#)

APPLICATION FOR CITY OF FESTUS BOARDS AND COMMISSIONS

Date: 2/18/26

Name: Ashley Green

Address: 1521 Robert Thompson Dr.

Phone No. 314-766-1634

Email Address: foxclerman@yahoo.com

How long have you lived within the city limits of Festus: 6 1/2 years

Which Board/Commission do you wish to serve on:

- ☒ Library Board (3 year term)
- ☐ Planning and Zoning Commission (4 year term)
- ☐ Park Board (3 year term)
- ☐ Board of Adjustment (5 year term)
- ☐ Police Personnel Board (3 year term)
- ☐ Festus Housing Authority (4 year term)
- ☐ ICC Board of Appeals
- ☐ Tourism Commission (3 year term w/ 2 term limit)
- ☐ Twin City Sewage Commission

Level of Education: HS diploma

What qualifications do you possess that you feel would make you a good member of the Board/Commission you have expressed interest in: I'm an avid reader and frequent patron of the library. I also enjoy ~~seeing~~ seeing and participating in library events. I enjoy community

(Feel free to attach additional page(s) of information)

RETURN COMPLETED APPLICATION TO: Office of the City Clerk, 711 West Main Street, Festus, Missouri 63028.

(For office use only)

Date Received: 2/18/2026

Date Appointed: _____

Term Expires: _____



To: Mayor and Council
From: Barb Lowry
Recreation and Tourism Director
Re: Staff Report
Date: February 23, 2026

- The inaugural pet parade was held Sunday, February 15. Twenty-five vendors signed up for the Pet Parade Market. Pet owners did not have to register to take part, so I had no idea what to expect. I was pleasantly surprised to find that more than 100 pets took part in the walk down Main Street. The weather was beautiful and everyone seemed to enjoy themselves. I am already working on plans for next year that encourage the parade participants to stay later into the afternoon and hopefully do more shopping at the market. It was a good event for the first time. Leading up to that, I was on the radio on Feb. 3 and then recorded the ad that went with this event.
- Work continues on the renovation of the red metal building next to The Barn. Josh, Greg, and I have been meeting with Bond Architects and Navigate everything other week.
- I showed The Barn 6 times in January and have shown in 5 times this month. Currently, our first rental for this year will be on April 3.
- There is one date that still needs a food truck scheduled for First Monday Food Trucks. Several slots are left at the First Fridays at Turtle Cove events.
- Josh and I will be attending the MPRA conference in Columbia Feb 23-27.
- Don't forget that Greg's going away party is Friday, February 27 at Four Oh Six. See you there!

MARCH

2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Work Session 5pm at Four Oh Six	3	4	5  Library Bd 6pm	6	7
8	9	10	11	12	13	14
15	16  Council Mtg 6pm Bd of Adj 7pm	17  St. Patrick's Day	18	19  P & Z 6:30pm Park Board 6pm	20 <i>Spring</i> has Sprung!	21
22	23	24	25	26	27	28
29	30  Council Mtg 6pm	31				

**FESTUS POLICE
DEPARTMENT**
100 PARK AVENUE
FESTUS, MISSOURI 63028



DOUGLAS L. WENDEL
CHIEF OF POLICE
PHONE: (636) 937-3646
FAX: (636) 937-8086

TO: MAYOR SAM RICHARDS
FROM: CHIEF DOUG WENDEL
DATE: FEBRUARY 23, 2026
RE: STATISTICS REPORT FOR FEBRUARY 6, 2025 THRU
FEBRUARY 19, 2026

THE POLICE DEPARTMENT WAS INVOLVED IN THE FOLLOWING AREAS:

TICKETS	142
DWIs	2
ARRESTS: 20	15 MISDEMEANOR 5 FELONY
911 CELL PHONE HANG UP	7
ASSAULT	0
ASSIST FIRE/EMS/OTHER	40
BURGLARY	2
CHKAREA/CHKWELB/CITIZEN	62
CHECK/EXTRA PATROL	171
CITIZEN COMPLAINT	28
DERELICT VEHICLE	2
DESTRUCTION PROPERTY	1
DISTURBANCE CALLS	13
DRUGS	1
FIREWORK COMPLAINT	0
FRAUD/IDENTITY THEFT	2
HARASSMENT	4
KEEP THE PEACE	1
MISSING PERSON	0
OPEN DOOR/WINDOW	0
PEDESTRIAN CHECK	1
ROBBERY/ASSIST	0
SEX OFFENSE	0
SHOPLIFTER	0
SHOTS FIRED	0
STEALING OVER \$750	3
STEALING/LEAVE W/O PAYING	0
STEALING UNDER \$750	0
STOLEN VEHICLE	2
SUSPICIOUS PERSON/VEHICLE	22
TRAFFIC COMPLAINT	19
TRAFFIC STOPS	186
TRAFFIC WATCH	4
TRESPASSING	6
VEHICLE ACCIDENTS	36
ZONE CHECKS	15

MEMORANDUM

To: Honorable Mayor and City Council
From: Michael Christopher, Director of Public Works
Date: February 20, 2026
Subject: 2/23/2026 Council Meeting – Staff Report



- City crews have completed pavement cuts and potholing along Beffa Street.
 - The 2025-2026 Overlay will include the roads that had been part of the 2024-2025 that were never started and concrete panel replacement throughout town.
 - Heneghan and Associates is working on the safe routes to school project and has received environmental clearance and Right of Way Plans approval. We will be submitting for our acquisition date next.
 - South 2nd St Parking lot has completed the paving and plantings. They still need to install the light poles, power stations, bollards.
 - The N Mill project is approaching closeout, power is connected and we are waiting on Ameren to upgrade the remaining lights along Scenic. Due to the issues with light pole placement along scenic drive we will be adding lights to Ameren poles along scenic drive.
 - We have submitted to Missouri DNR for acceptance into the Owner Supervised Program and after some minor changes it has been accepted.
 - Staff will start having meetings with TREKK Design Group to start on the Festus Street Masterplan.
 - Staff is providing background information to HR Green so that they can begin mapping the Festus area and provide more in depth insight into our stormwater needs.
 - Contractors for the Shapiro solar lighting have started installation.
- City staff was notified that we have been awarded \$958,883.00 for the Safe Streets for All Grant. We will be receiving further communications from FHWA in the coming weeks to set up an agreement.