

Meta
Management Report

Usage for 11/2021

No. of Accts:

Sales \$

Period Sales

\$ 4,069.91	Water	309981
\$ 1,179.98	Trash	82
\$ 142.42	Tax	
\$ 80.00	Late Fee	8
\$ 70.00	Connection Fee	1
\$ -	Reconnect Fee	
\$ 5,542.31	Total Current Charges	
\$ 1,316.85	Previous Balance	
\$ 6,859.16	Total Due	
\$ 5,548.69	Payments Received	
\$ 1,310.47	Balance Yet Owed	

Meta

Late Fee Report 12/31/2021

Account Holder	Address
142 - Schroeder, Cordell	103 2nd St.
20 - Fowler, Kevin	311 E 2nd St.
99 - Schubert, Gabriel	303 N. Linn St.
101 - Massman, Andy	300 N. Linn St.
8 - C/O Chad and Malicka Scabben , Kyle Timm	300 S Walnut
117 - Harrison , David and Patricia	403 N Hwy 133
75 - C/O Ryan & Travis Werdehausen, Samantha McVicar & Jason Woods	209 E 4th St
137 - Veltrop, Gary & Amanda	200 N Cherry St.

City of Meta

Daily Master Meter Reading

<u>Read Time</u>	<u>Billing Address Line1</u>	<u>Read</u>	<u>Read Unit</u>	<u>Flow</u>	<u>Meter SN</u>
12/1/2021	Well House-Mast Meter	33615505	GAL	18124	S17311468
12/2/2021	Well House-Mast Meter	33632819	GAL	17314	S17311468
12/3/2021	Well House-Mast Meter	33647394	GAL	14575	S17311468
12/4/2021	Well House-Mast Meter	33661181	GAL	13787	S17311468
12/5/2021	Well House-Mast Meter	33679263	GAL	18082	S17311468
12/6/2021	Well House-Mast Meter	33692982	GAL	13719	S17311468
12/7/2021	Well House-Mast Meter	33709993	GAL	17011	S17311468
12/8/2021	Well House-Mast Meter	33727734	GAL	17741	S17311468
12/9/2021	Well House-Mast Meter	33743629	GAL	15895	S17311468
12/10/2021	Well House-Mast Meter	33758742	GAL	15113	S17311468
12/11/2021	Well House-Mast Meter	33774028	GAL	15286	S17311468
12/12/2021	Well House-Mast Meter	33791894	GAL	17866	S17311468
12/13/2021	Well House-Mast Meter	33808874	GAL	16980	S17311468
12/14/2021	Well House-Mast Meter	33827302	GAL	18428	S17311468
12/15/2021	Well House-Mast Meter	33849163	GAL	21861	S17311468
12/16/2021	Well House-Mast Meter	33863861	GAL	14698	S17311468
12/17/2021	Well House-Mast Meter	33880644	GAL	16783	S17311468
12/18/2021	Well House-Mast Meter	33894355	GAL	13711	S17311468
12/19/2021	Well House-Mast Meter	33910213	GAL	15858	S17311468
12/20/2021	Well House-Mast Meter	33925776	GAL	15563	S17311468
12/21/2021	Well House-Mast Meter	33941519	GAL	15743	S17311468
12/22/2021	Well House-Mast Meter	33958497	GAL	16978	S17311468
12/23/2021	Well House-Mast Meter	33977316	GAL	18819	S17311468
12/24/2021	Well House-Mast Meter	33993559	GAL	16243	S17311468
12/25/2021	Well House-Mast Meter	34007484	GAL	13925	S17311468
12/26/2021	Well House-Mast Meter	34023051	GAL	15567	S17311468
12/27/2021	Well House-Mast Meter	34038030	GAL	14979	S17311468
12/28/2021	Well House-Mast Meter	34055860	GAL	17830	S17311468
12/29/2021	Well House-Mast Meter	34073241	GAL	17381	S17311468
12/30/2021	Well House-Mast Meter	34087988	GAL	14747	S17311468
12/31/2021	Well House-Mast Meter	34104718	GAL	16730	S17311468

TOTAL PUMPED

507337

TOTAL SOLD

301366

Monthly Water Loss

Amount of Gallons Pumped

507337

Accounted For Usage in Gallons:

Gallons of Water Sold:

301366

Flushing:

0

Leaks:

0

Fire Department Usage:

0

Unmetered Accounts:

0

Water / WW Plant Usage:

0

Meter Wear (System Specific):

0

Theft:

0

Tower Overflows:

0

Other:

0

Other:

0

Total Gallons Accounted For:

301,366

% of Water Loss:

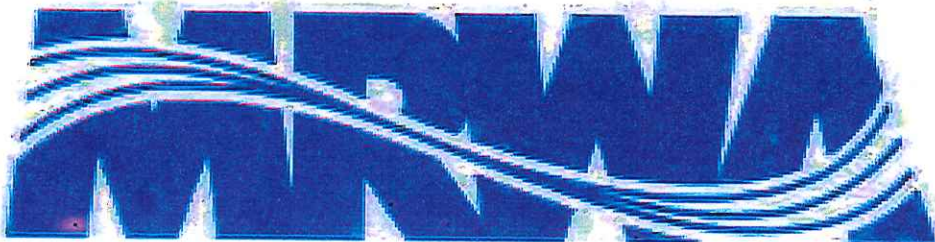
40.6%

Amount of Water Lost:

205,971

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City of Meta Grants Applying(ed) For

	Land Water Conservation Fund (LWCF)	Recreational Trails Grant (Trail ONLY)	State Revolving Fund (Loan)--Drinking Water Improvements	Bond Election	CBDG- Stormwater Project	CBDG-Drinking Water Improvements
Application Due	2/16/2022	2/16/2022	3/1/2022		12/1/2022	
Projected Amount of Project	\$152,105 (\$76,770)	\$75,335	\$5,105,375		\$325,193.91 \$521,864.47	\$5,105,375
% of Match Required	50% (\$76,052.50) (\$38,385)	20% (\$15,067)	20% (\$1,021,075)		20% (\$65,038.78) (\$104,372.89)	20% (\$1,021,075)
Total Amount Available for Reward	\$500,000	\$250,000	?????		?????	
Minimum Project Amount	\$30,000	\$10,000				

IF GRANT(S) ARE AWARDED FOR THE DRINKING WATER IMPROVEMENTS THE TOTAL LOAN AMOUNTS WILL OBVIOUSLY CHANGE.

Possible Funding Options:

USDA/Rural Development	Loan	Secured by Bonds	Term: 10 Years Interest Rate: Varies	Max Loan: \$200,000
USDA/Rural Development	Grant	Availability of Funds	Term: Varies	
State Revolving Grant (SRF)	Grant	Availability of Funds	Term: 20 Years	
State Revolving Loan (SRF)	Loan	Secured by Bonds	Term: 30% of 25-Year Bond Index	
Lease Purchase	Loan	Secured by Assets		
CDBG	Grant	Availability of Funds		

Meta Missouri - Park/Trail				
Engineers Estimate- January 2022				
Amenity/Item	Quantity	Unit	Unit Price	Amount
Cultural Resource Survey - Fee Provided by Archaeological Research Center STL	1	LS	\$ 3,900.00	\$ 3,900.00
Boundary & Topographic Survey Work - Bartlett & West	1	LS	\$ 3,000.00	\$ 3,000.00
Engineering Plans & Specifications - Bartlett & West	1	LS	\$ 5,000.00	\$ 5,000.00
Erosion Control	1	LS	\$ 2,000.00	\$ 2,000.00
Clearing/Earthwork/Grading	1	LS	\$ 5,000.00	\$ 5,000.00
Construction Staking	1	LS	\$ 1,500.00	\$ 1,500.00
4" Concrete Sidewalk	1,101	SY	\$ 65.00	\$ 71,565.00
6" Reinforced Concrete	380	SY	\$ 85.00	\$ 32,300.00
6" Aggregate Base/Gravel	380	SY	\$ 15.00	\$ 5,700.00
Turf Grass - Seed Disturbed Area	0.50	AC	\$ 800.00	\$ 400.00
Sign & Footing/Installation	1	LS	\$ 2,500.00	\$ 2,500.00
Flag Pole & Footing/Installation	1	EA	\$ 2,190.00	\$ 2,190.00
Trash Cans	4	EA	\$ 900.00	\$ 3,600.00
Benches or Picnic Tables	5	EA	\$ 1,890.00	\$ 9,450.00
Basketball Goal/Pickleball Net/Court Striping	1	LS	\$ 3,000.00	\$ 3,000.00
ADA Signage & Striping	1	LS	\$ 1,000.00	\$ 1,000.00
Total				\$ 152,105.00

Bartlett&West

Meta Missouri - TRAIL ONLY				
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Erosion Control	1	LS	\$ 2,000.00	\$ 2,000.00
Clearing/Earthwork/Grading	1	LS	\$ 5,000.00	\$ 5,000.00
Construction Staking	1	LS	\$ 1,500.00	\$ 1,500.00
4" Concrete Sidewalk	839	SY	\$ 65.00	\$ 54,535.00
Turf Grass - Seed Disturbed Area	0.50	AC	\$ 800.00	\$ 400.00
TRAIL ONLY - Total				\$ 75,335.00

Bartlett&West



101 South Locust Street
P.O. Box 65
Meta, Missouri 65058
cityofmetamo@outlook.com
Office: 573-229-4439
Fax: 573-229-4439

January 18, 2022

Missouri State Parks, Grants Management
PO Box 176
Jefferson City, MO 65102-0176

Re: Financial Assurance for Recreational Trails Program

To Whom it May Concern:

I, the undersigned, as the Mayor for the City of Meta, confirm that our agency has the required matching funds available for completion of the above-referenced project. Furthermore, I confirm that the City of Meta is committed to completing the project within the timeframe outlined by the application agreement and that funds will be made available for the long-term maintenance of the completed project.

Signed: _____
Emily Sommerer, Mayor

Date: _____

RESOLUTION NUMBER 2022-01 OF THE BOARD OF ALDERMEN

CITY OF META

A RESOLUTION FOR THE MAYOR TO SIGN THE APPLICATION FOR FEDERAL ASSISTANCE AND ANY OTHER OFFICIAL PROJECT DOCUMENTS THAT ARE NECESSARY TO OBTAIN SUCH ASSISTANCE, INCLUDING ANY AGREEMENTS, CONTRACTS OR OTHER DOCUMENTS THAT ARE REQUIRED BY THE STATE OF MISSOURI OR FEDERAL HIGHWAY ADMINISTRATION FOR ANY DOCUMENTS RELATING TO THE RECREATIONAL TRAILS PROGRAM.

WHEREAS, the City of Meta is applying for federal assistance from the Recreational Trails Program (RTP) for the purpose of completing Meta Elementary Memorial Trail.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and the Board of Alderman of the City of Meta, Osage County, Missouri, as follows:

SECTION 1: Mayor, Emily Sommerer is authorized to sign the application for federal assistance and any other official project documents that are necessary to obtain such assistance, including any agreements, contracts or other documents that are required by the State of Missouri or the Federal Highway Administration.

SECTION 2: The City of Meta currently has the written commitment for the minimum 20% matching share for the project elements that are identified in the application and will allocate the necessary funds to complete the project.

SECTION 3: In the event a grant is awarded, the City of Meta will commit the necessary financial resources to operate and maintain the completed project in a safe and attractive manner for public access for at least twenty-five years.

SECTION 4: In the event a grant is awarded, the City of Meta is prepared to complete the project within the time period identified on the signed project agreement.

SECTION 5: In the event a grant is awarded, the City of Meta will comply with all rules and regulations of the Recreational Trails Program, applicable Executive Orders, all state laws that govern the grant applicant during the performance of the project, and stewardship requirements after the project is completed.

APPROVED and ADOPTED by the Mayor and Board of Alderman of the City of Meta this 18th day of January, 2022.

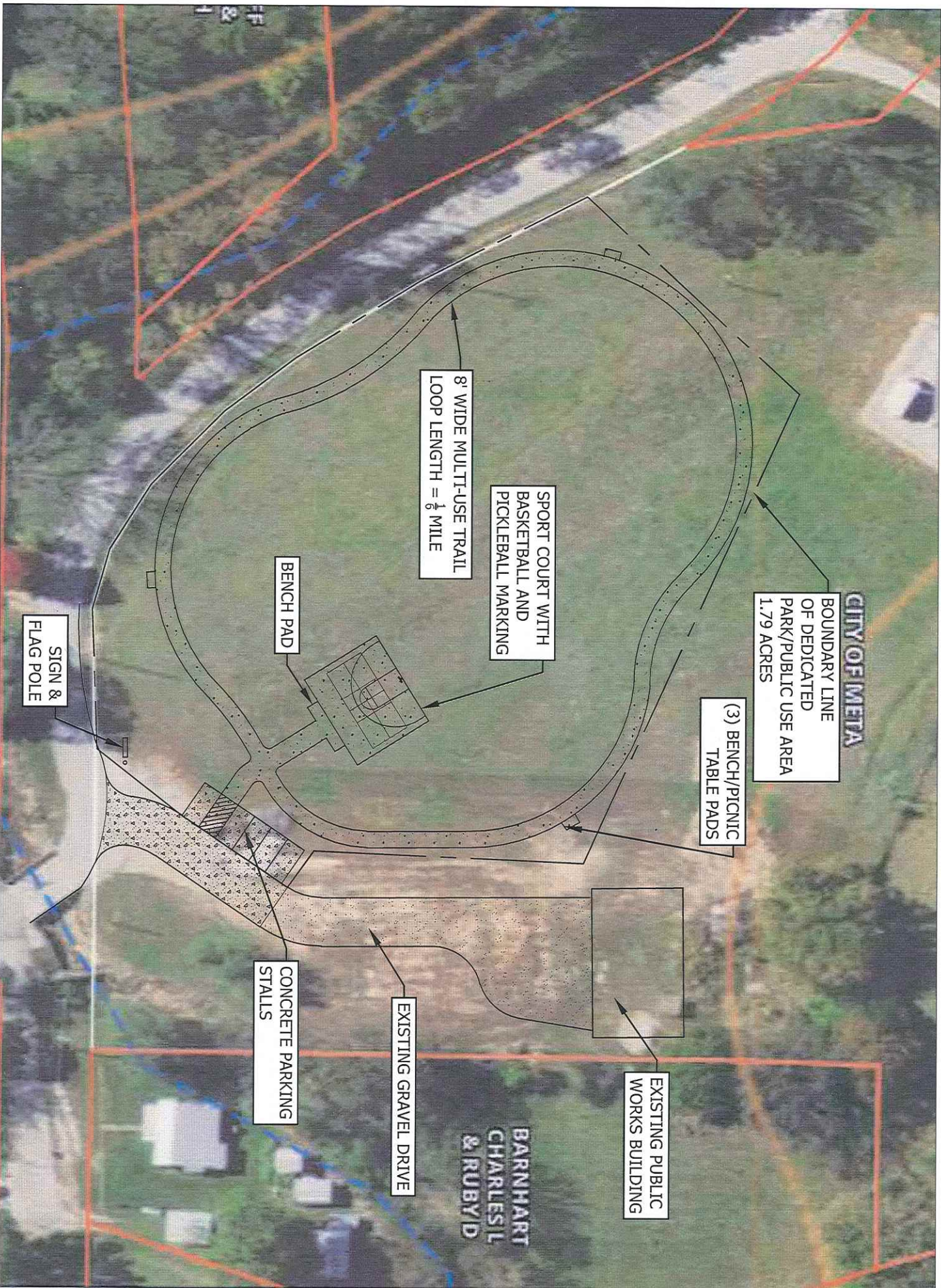
Mayor, Emily Sommerer

Date

Attest:

City Clerk, Deidra Buechter

Date





1719 Southridge Drive, Suite 100
Jefferson City, MO 65109
ph (573) 634-3181
www.bartlettwest.com

January 10, 2022

Mrs. Emily Sommerer
Mayor
City of Meta
PO Box 65
Meta, MO 65058

Re: City of Meta – Stormwater Improvements
Preliminary Engineering Report

Dear Mrs. Sommerer,

To assist in planning future stormwater and roadway improvements, Bartlett & West is pleased to serve the City of Meta by studying various areas of concerns around the community. The City anticipates applying for Community Development Block Grant (CDBG) funding to assist in completing improvements to the roadways and storm sewer system in the area.

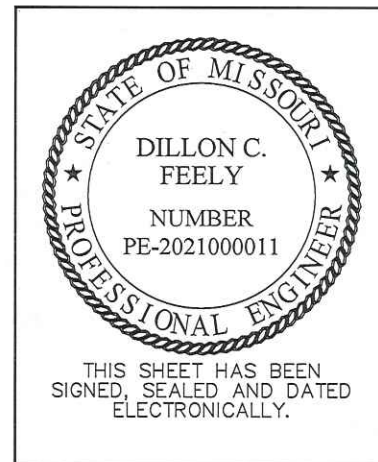
The attached report describes the study area, reviews existing conditions, and summarizes potential improvement alternatives. Following the report is a set of appendices that include location maps, project exhibits, and cost estimates for the study areas which were utilized in our analysis.

Bartlett & West appreciates the opportunity to serve the City of Meta through this project. Please feel free to contact us with any comments, questions, or concerns.

Sincerely,

Dillon Feely, P.E.
Sr. Project Engineer

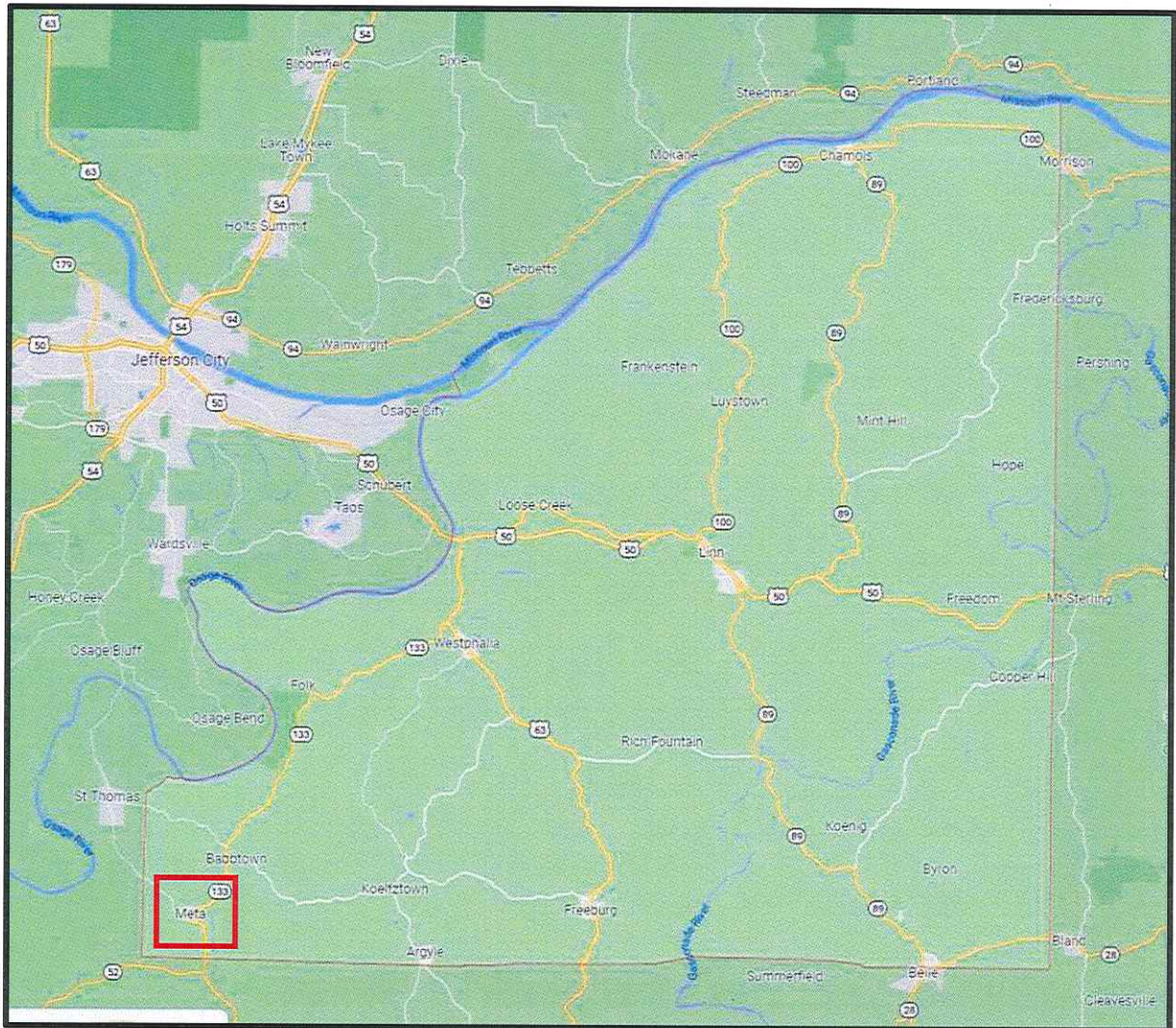
Attachments



Sealed 1/10/2022
Bartlett & West, Inc.
Certificate of Authority
No. 000167 (Engineering)

Introduction

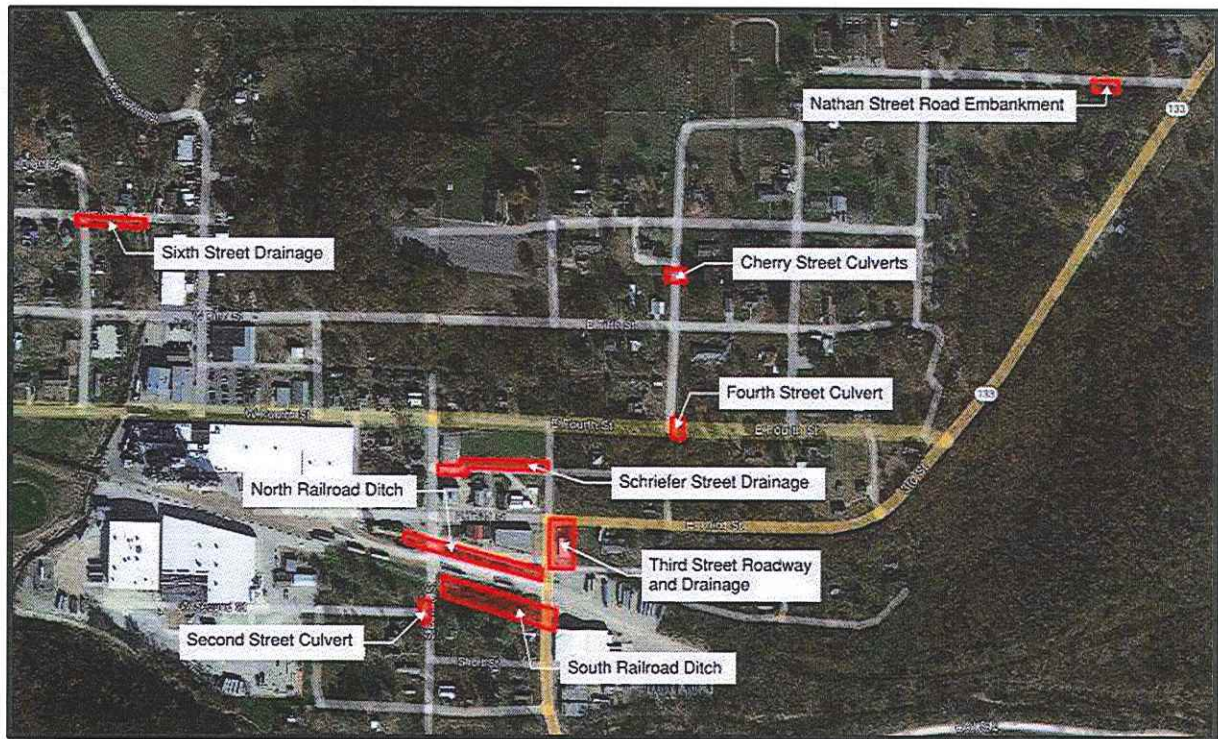
The project area for this Preliminary Engineering Report (PER) Study is located in Meta, Missouri, situated in southwest corner of Osage County as noted in Figure 1 below:



*Figure 1: Project Location
(Google Maps used for base map)*

Study Area and Purpose

The study area includes various locations in Meta identified by City officials that currently exhibit stormwater capacity issues, maintenance problems, and/or roadside safety concerns. The study will serve to present the City recommendations for infrastructure improvements which align with the community's needs. Additionally, conceptual project cost estimates and additional information will be provided to aid the City in applying for CDBG funding.



*Figure 2: Study Locations
(Google Earth used for base map)*

Existing Conditions

Third Street Roadway and Drainage

Meta City Hall is situated just southeast of the intersection of Third Street and MO-133. The roadside ditch on the northeast side of the intersection is collected by an 18" CMP and outlets on the southeast side of the intersection through a 12" CMP just north of City Hall. After a steep, short section of ditch, the drainage is directed to a 12" CMP culvert that passes under the City Hall parking area and continues south. During heavy rainfall events, discharging water from the intersection is not efficiently collected by the culvert under the City Hall parking area causing the water to backup into the low, flat area along the north side of City Hall. City officials have reported multiple instances of water entering the building due to the ponding water along the north and northeast side of the building.



Figure 3: 12" CMP under Meta City Hall parking area along MO-133

In addition to the flooding issues, the City expressed concerns about the conditions of the existing retaining wall along the southeast corner of Third Street and Locust Street. The existing wall that supports the roadway embankment is visibly deteriorating and could become a significant safety issue if ignored.



Figure 4: Deteriorated retaining wall along the southeast corner of Third St. and Locust St.

Fourth Street Culvert

The roadside ditches that parallel the north side of Fourth Street and the east side of Cherry Street drain to a 15" CMP that outlets on the south side of Fourth Street. The ends of the 15" CMP have been deformed from years of vehicles running over them, reducing the culverts effective capacity. City maintenance crews note that this location regularly clogs causing water to run over Fourth Street. In addition, the culvert is relatively shallow under a thin Fourth Street pavement section. As a result, the pavement above the culvert has cracked and began to sag.

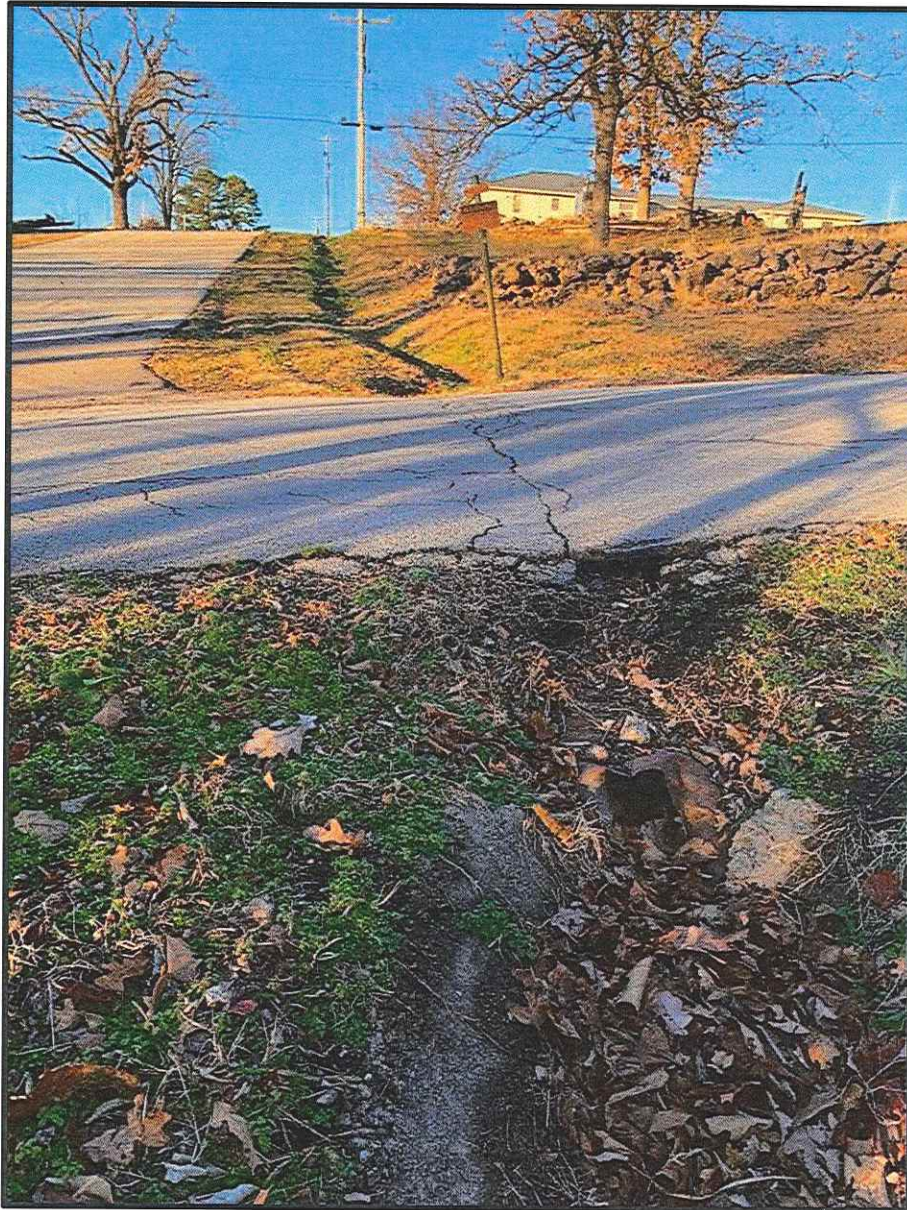


Figure 5: Fourth Street Culvert at Cherry Street

Cherry Street Culverts

On Cherry Street between Fifth Street and Sixth Street, the eastern roadside ditches converge at the roadway sump and outlet to the west through two culverts separated by a grass yard entrance. When Cherry Street was previously widened, the culverts were extended using HDPE pipes. The north culvert begins as a 12" CMP and outlets to the west through a curved section of 15" HDPE pipe. The south culvert begins as a 10" VCP and outlets to the west as a 10" HDPE pipe. Both of the culverts regularly clog, creating a maintenance issue for City crews.

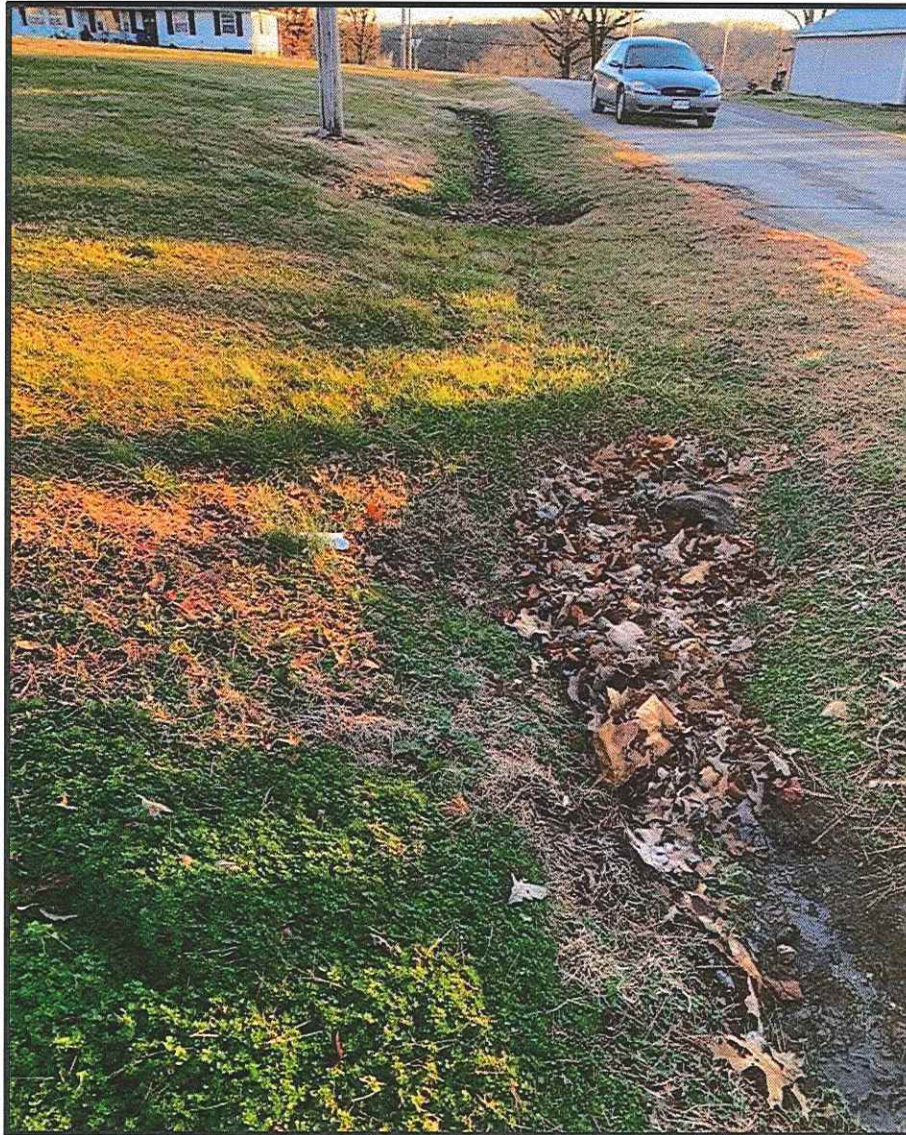


Figure 6: Upstream side of Cherry Street Culverts

Sixth Street Drainage

On the south half of the intersection of Sixth Street and Pine Street, there appears to be no existing culvert to pass water under Pine Street. Today, drainage from the southwest discharges at the base of a small block wall just west of the intersection. The runoff then freely drains over the roadway into the low area on the southeast side of the intersection. East of the intersection, a very shallow ditch along the south side of Sixth Street continues east to the nearby low water crossing. Without a culvert to control the runoff discharging across Pine Street, the roadway embankment is beginning to show signs of erosion. Furthermore, the lack of a defined ditch along Sixth Street causes more water to pond in the low area on the southeast side of the intersection. The residents of this property have voiced complaints about the lack of controlled drainage in this area.



Figure 7: Ditch along Sixth Street with minimal capacity

Second Street Culvert

The culvert on the southwest side of the intersection of Second Street and Bertha Street drains the blocks both west and south of the intersection. Second Street was previously widened north to better accommodate truck turning movements. The original 18" VCP was extended with an 18" CMP at that time. Under current conditions, the intake side of the culvert is approximately 50% clogged with silt and debris causing water to pond on southwest corner of the intersection.

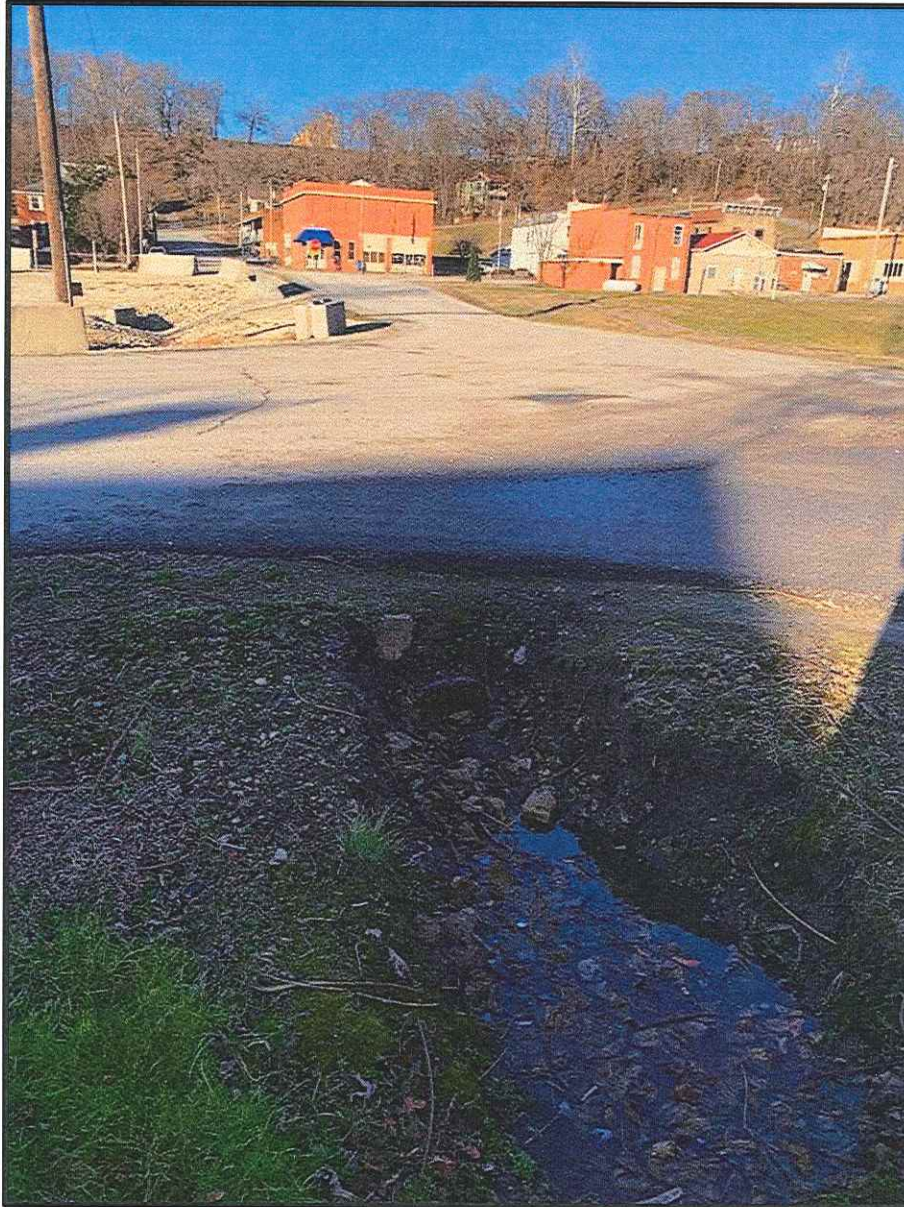


Figure 8: Partially silted in culvert at Second St. & Bertha St.

Schriefer Street Drainage

The empty lot north of Schriefer Street adjacent to Fourth Street and Locust Street was previously covered with mature trees and thick brush. In 2015, a developer cleared the property to make way for future development. The reduction in dense vegetation has increased the speed in which runoff sheet flows off the property to the south toward Schriefer Street. Schriefer Street does not have a defined ditch along the roadway; therefore, the runoff tends to flow over the road and continue south towards the commercial lots along Third Street. Mid America Bank and the local United States Postal Service office occupy the commercial space at the corner of Third Street and Bertha Street and have reported incidents of stormwater entering the building during heavy rainfall events.



Figure 9: Lack of defined ditch along Schriefer Street