

AS-BUILT PLANS

SANITARY SEWER IMPROVEMENTS to serve

IRON HORSE MANUFACTURING EAST BUILDING

5342A

1217 W. MACARTHUR RD.

CITY OF WICHITA, KANSAS SWI-02

Paul Gunzelman, P.E. Interim City Engineer

2023-02-3354PPS

(53030982)

8" PVC (SDR-35) Pipe = Sanderson
Manholes = McPherson Concrete
Frames / Lids = Neenah Foundry

Utility Contractor: McCullough Excavation
Inspector: James Ralston -
Baughman Co.

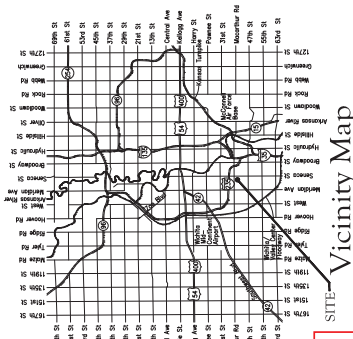
As-Built Plans By: J. Ralston & Larry Powell
As-Built Plans Date: 3-5-2024

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AIRET 1-800-246-8464
City of Wichita Water & Sewer 1-316-219-8921
City of Wichita Stormwater 1-316-268-4000
City of Wichita Electric 1-316-249-3530
City Communications 1-888-249-3530
Kansas Gas Service 1-888-482-4590
Energy 1-800-348-6577
- Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the Contractor or witness the plans specifically identify a utility to be adjusted by its owner during construction. Plans, represent the best information obtainable for design. Utility lines that are not required to move around existing utilities shall be marked with "X" which do not conflict with proposed construction.
- Public files, in the manner of submersible structures and excess excavation which is to be wasted shall be disposed of on site to be provided by the Contractor. The Contractor shall be responsible for maintaining the stability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance shall be approved by the City of Wichita Environment. Materials either stockpiled or disposed of in the United States or elsewhere is subject to U.S. Customs and Border Protection. Any material stockpiled or stockpiled beyond approved construction limits will be subject to additional regulatory requirements. All materials to be used in a publicly approved borrow location.
- Trees and shrubs in public right-of-way which are in the path of proposed construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct contact with proposed construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of swapped property written the construction start date and time of ten (10) day notice prior to start of construction.
- The Contractor shall be responsible for preserving, protecting, and restoring any property items which are damaged or destroyed during construction. The Contractor shall be responsible for the establishment of a bonded lane surfer in accordance with state laws.
- The Engineering Division shall field locate water valve one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such valves or the hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve locations shall be established by the Contractor and adjusted to match field grades by the contractor.
- The Contractor shall notify the consultant engineer and the City Engineer of any construction start and end dates. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction shall be in accordance with the current version of Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation. Construction markings and signage shall be the Contractor's responsibility.
- All elevations shown are MVD088.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions per City specifications.
- All applicable fees (top, equity, in flow of & main benefit) must be paid before any connections can be made on 316-268-4641.
- All public taps in the same manner as above.
- Connecting to Existing Manholes: The Contractor shall verify the elevation, grade and alignment of existing stubs in existing manholes. The Contractor shall expose and verify the elevation, grade and alignment of existing stubs and manholes. If the stub is unusable due to elevation grade or alignment, the Contractor shall remove the stub and provide a smooth flow. Where connection to an existing manhole that does not have an existing stub, the Contractor shall make connection using approved water stop gasket, and flow. The cost of gasket to existing manhole is incidental to the project.
- The Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
- Contractor shall provide positive drainage away from all manhole covers.
- The Contractor shall prevent any spectators, debris, from entering the existing sanitary sewer during construction.
- The Contractor shall be responsible for maintaining the utility owner and the Engineer at the contractor's expense. Contractors proposed method for maintaining sewage flow and by-passing of sewage flows.
- Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% NAD 83.
- The Contractor shall protect from damage and support the utility owner and the Engineer at the contractor's expense.
- All areas disturbed during construction are to be seeded as follows:
Seed --- 5 lbs./1000 Sq. Ft.
All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the U.S. Bid Item "Seeding".
- All existing and proposed erosion control measures shall be installed and maintained throughout the construction. Erosion control measures shall be maintained throughout construction by the contractor and until final erosion control measures. The contractor shall be responsible for erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and repair of erosion control measures shall be the responsibility of the contractor. Erosion control measures to be paid by U.S. Bid Item "Erosion Control BMPs".
- All excess excavation shall remain on-site and shall be spread on adjacent lots.
- The Contractor shall not begin work on the project until all necessary permits have been obtained. Any work completed without inspection will be required to be uncovered for inspection at the Contractor's expense.

Benchmarks

BM #1: "X" chiseled on top of concrete, west side of private driveway, north of building. Elevation = 1278.78 (NAVD 88)
BM #2: "X" chiseled on top of power pole, NE corner of site. Elevation = 1278.94 (NAVD 88)



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| 4 | Precast SS Manhole Detail |
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| 11 | Copy of Plot |

Construction Began: October 5, 2023
Construction Ended: March 4, 2024

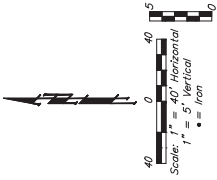
APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
Engineering approved by: *Stamm Melles* on 09.05.23
Utilities
NOTE TO CONTRACTORS
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the City of Wichita. The Contractor shall comply with the City of Wichita standard construction engineering practices and be certified by a Licensed Professional Engineer in the State of Kansas. The Contractor shall not start any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the City of Wichita Standard Specifications and Standards and Special Provisions (on file and available at Wichita.gov).
An approved copy of these plans signed by City staff are required on-site.

Baughman Job No.: 23-09-E612

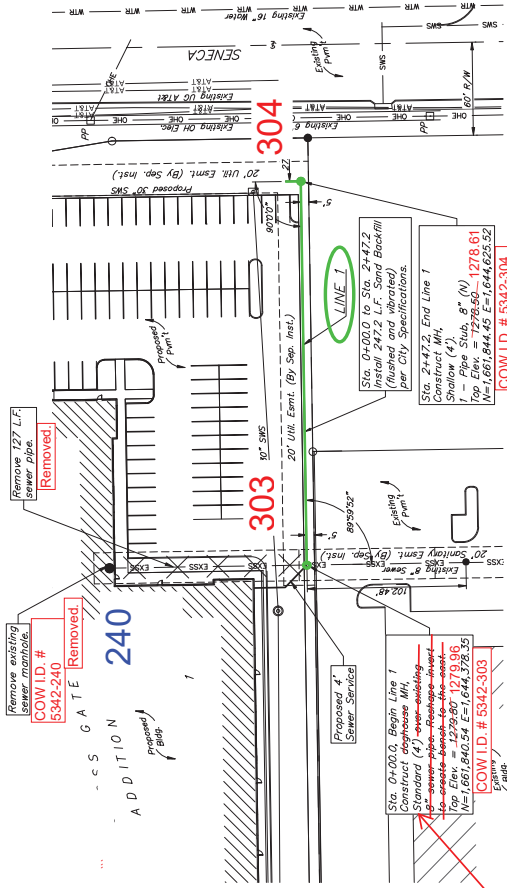


September 15, 2023
BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-1271
Baughman@cc.com

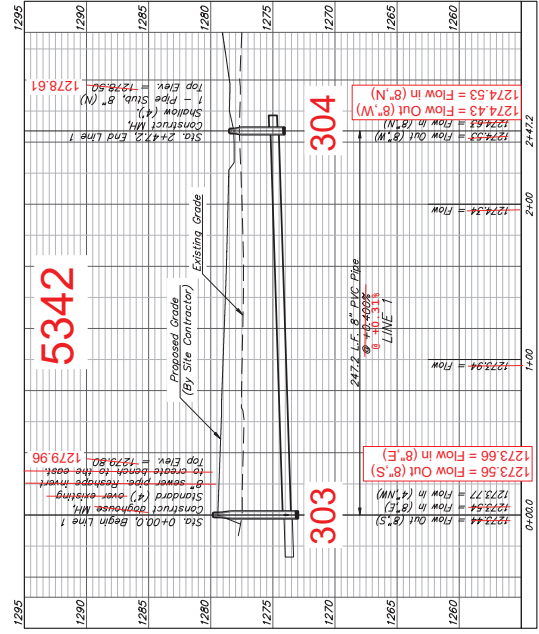
BENCHMARKS:
 BM 101: 4" x 4" wood stake on top of concrete, west side of private drive entrance from MacArthur. Elevation = 1278.78 (NAD 88)
 BM 102: 3" x 3" chiseled on top of concrete near power pole, NE corner of site. Elevation = 1278.94 (NAD 88)



Contractor to verify depth and location of existing utilities. Contractor to indicate any existing utilities as necessary for construction.



Installed standard MH after removing pipe north.



Contractor shall verify elevation and alignment of existing 8\"/>



BAUGHMAN COMPANY
 315 Ellis St.,
 Wichita, KS 67211
 316-262-7271
 Baughmanco.com

IRON HORSE MANUFACTURING
LINE 1
SANITARY SEWER IMPROVEMENTS
PROJECT NUMBER: 22-09-E293
DESIGN TEAM: BRAWN TMS
DATE: September 15, 2022
SHEET 2 OF 11

