

ADDENDUM NO. 1

To: All Plan Holders of Record and Interested Parties

City of Galena, Illinois

Utility Systems Improvements 2022

Project: West Street, Dodge Street, and High Street

Project No.: 22112

Issue Date: July 27, 2022

Bids Due: August 2, 2022 at 10:00 a.m.

The following additions, revisions, corrections, and clarifications contained herein shall become part of the Construction Contract Documents for the Project, and shall be included in the Scope of Work and Bid Proposals to be submitted. References made below to Specifications and Construction Drawings shall be used as a general guide only. Bidders shall determine for themselves the full scope of work affected by the Addendum items.

The following Addendum is part of the Construction Contract Documents dated July 15, 2022.

This Addendum consists of the following:

Addendum No. 1 (2 pages) Revised Bid Schedule (2 pages)

Revised Plan Sheets: G0.05, G0.06, C5.20, C5.30, C6.02, C6.20, C6.30 (7 pages)

CHANGES TO CONTRACT DOCUMENTS:

1. BID SCHEDULE: The attached bid schedule has the updated quantities per the added services and water main connection change in the attached updated plan sheets and as described below. Bidders are required to submit the revised bid schedule.

CHANGES TO DRAWINGS:

- 1. PLAN SHEET G0.04: The following statement shall be added to this plan sheet under the appropriate sections: American Flow Control Waterous gate valves and Classic Pacer hydrants are considered approved alternates for the project. The Waterous gate valves and hydrants shall meet the requirements identified in the plans and the Standard Specifications for Water and Sewer Construction in Illinois including the pump nozzle having a 5-inch Storz-Style connection.
- 2. PLAN SHEET G0.05: Bid Item #10 (Earthwork, Inc. Pavement Removal) shall have the following statement added:
 - a. The cut volume includes both the removal of the existing pavement as identified but also any additional cut as required for the proposed roadway improvements including behind the proposed curb or granular shoulder. The fill volume consists of the backfill behind the curb and gutter and any fill behind the granular shoulder as already indicated.
 - As identified in Bid Item #41 (Stone Base) the proposed profile adjustments as identified on the plans shall be accomplished utilizing compacted stone base, placed at 12" maximum thick lifts.
- 3. PLAN SHEET G0.05 AND G0.06: These sheets have been updated and included in this addendum including updated quantities per the revised bid schedule.
- 4. PLAN SHEET C5.20: The connection to the existing water main on the south end of the water main has been updated.

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- 5. PLAN SHEET C5.30: This plan sheet has been updated to show modifications to residences that have services near the intersection of High Street and Gear Street. There are two additional services on the east side of the street and one less on the west side of the street. These residences have water services that are connected to the existing 4" water main and will need to be relocated to the existing 10" water main on High Street. These services have been added to the updated plans which are attached to this addendum.
- 6. PLAN SHEET C6.02: The IDOT Standard Detail for a Storm Sewer Intake Median Style 54256-01 (Bid Item #35) has been added to this details sheet. The frame and grate for Storm Sewer Intake Median Style 54256-01 shall consist of a cast iron frame and grate with dual grates. The frame and grate shall be a Neenah R-3807 or approved alternate. A detail has been added to this plan sheet (101-C Catch Basin). The 101-C Catch Basin is an approved alternate to the Storm Sewer Intake Median Style 54256-01 (Bid Item #35).
- 7. PLAN SHEET C6.20: This plan sheet has been updated to show the pavement replacement/rehabilitation with the changes to the water main connection on the south end of the proposed water main.
- 8. PLAN SHEET C6.30: This plan sheet has been updated to show the pavement replacement/rehabilitation with the changes to the water services near the Gear Street and High Street intersection.

It is required to acknowledge this addendum on the Bid Proposal Form.

FOR Origin Design Co.

Christopher A. Becklin, P.E.

License Number 062-071513

Licensed Professional Engineer of Illinois

My license renewal date is November 30, 2023

Pages or sheets covered by this seal: Addendum No. 1

END OF ADDENDUM NO. 1

7/27/2022

Date

CITY OF GALENA, ILLINOIS UTILITY SYSTEM IMPROVEMENTS 2022 WEST STREET, DODGE STREET, AND HIGH STREET

BID SCHEDULE REVISED PER ADDENDUM NO. 1

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Mobilization & Miscellaneous	1 LS		
2	Traffic Control	1 LS		
3	Inlet Protection: Install, Maintain & Removal	18 EA		
4	Straw Wattles: Install, Maintain & Removal	110 LF		
5	Clearing & Grubbing	1 LS		
6	Exploratory Excavation	10 HRS		
7	Concrete Washout	3 EA		
8	Construction Entrance	230 SY		
9	Topsoil: Strip & Stockpile	280 CY		
10	Earthwork, incl. Pavement Removal	860 CY		
11	Pavement Removal	810 SY		
12	4" PVC Water Main, DR 18	8 LF		
13	6" PVC Water Main, DR 18	1,390 LF		
14	6" DIP Hydrant Lead	55 LF		
15	6" MJ Valve	11 EA		
16	Fire Hydrant, Complete	5 EA		
17	4" MJ Restraint	6 EA		
18	6" MJ Restraint	55 EA		
19	6" Push-On Joint Restraint	1 EA		
20	Compact DI Fittings & Water Main	800 LBS		
21	Connection to Existing Water Main	5 EA		
22	3/4" Water Service (Corp Stop to Curb Stop)	680 LF		
23	3/4" Water Service (Curb Stop to Residence)	525 LF		
24	Lead Service Line Replacement to Meter	15 EA		
25	3/4" Corporation Stop	27 EA		
26	3/4" Curb Stop and Curb Box	27 EA		
27	Select Trench Backfill, Water Main	1,890 LF		
28	4" PVC Sanitary Sewer Service	180 LF		
29	8" PVC Sanitary Sewer Service	275 LF		
30	Sanitary Manhole Frame & Cover	1 EA		
31	Sanitary Sewer Manhole Sidewall, 48" ID	7.5 VF		
32	Select Trench Backfill, Sanitary Sewer	260 LF		
33	15" RCP Storm Sewer	45 LF		
34	15" RCP FES	2 EA		
35	Storm Sewer Intake - Median Style 54256-01	1 EA		
36	Storm Intake - 101-B Style	1 EA		

This bid schedule accompanies the bid proposal of	

CITY OF GALENA, ILLINOIS UTILITY SYSTEM IMPROVEMENTS 2022 WEST STREET, DODGE STREET, AND HIGH STREET

BID SCHEDULE (continued) REVISED PER ADDENDUM NO. 1

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
37	Riprap	30 TON		
38	Rock Excavation incl. Backfill	100 CY		
39	PCC Curb & Gutter	1,390 LF		
40	PCC Curb & Gutter, Remove and Replace	40 LF		
41	Stone Base	2,800 TON		
42	Granular Surfacing	50 TON		
43	Granular Surfacing, CA 1	70 TON		
44	PCC Collar Around Water Valve Boxes	8 EA		
45	PCC Collar Around Sanitary Sewer Manholes	7 EA		
46	Manhole Adjustment	6 EA		
47	HMA Surface Removal	300 SY		
48	HMA Leveling Binder Course, N50, 0-2"	370 TON		
49	HMA Surface Course Mix C, N50, 2"	550 TON		
50	Tack Coat CSS-1H	330 GAL		
51	PCC Driveway	180 SY		
52	HMA Driveway, Remove and Replace	40 SY		
53	PCC Sidewalk, Remove and Replace	35 SY		
	TOTAL OF BID			

This bid schedule accompanies the bid proposal of _____

BID ITEM NO.	BID ITEM	QTY	UNIT	BID ITEM NOTE
1	MOBILIZATION & MISCELLANEOUS	1	LS	LUMP SUM INCLUDES THE FOLLOWING, BUT NOT LIMITED TO, THE MOVEMENT OF PERSONNEL, EQUIPMENT, AND SUPPLIES TO THE PROJECT SITE, BONDING, PERMITS, OR OTHER EXPENSES INCURRED PRIOR TO CONSTRUCTION AND ANY ADDITIONAL MISCELLANEOUS COSTS ASSOCIATED WITH THE PROJECT.
2	TRAFFIC CONTROL	1	LS	THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH CURRENT ILLINOIS DOT AND MUTCD STANDARDS. THE CONTRACTOR SHALL COORDINATE AND NOTIFY THE ILLINOIS DOT WITH THE PROPOSED TRAFFIC CONTROL PLAN FOR THE PROJECT NECESSARY TO COMPLETE THE IMPROVEMENTS. LUMP SUM PRICE INCLUDES, BUT NOT LIMITED TO, INSTALLATION, MAINTENANCE, AND REMOVAL OR TEMPORARY TRAFFIC CONTROL INCLUDING UTILITY WORK.
3	INLET PROTECTION: INSTALL, MAINTAIN & REMOVAL	18	EA	THIS BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND INSTALLING THE INLET PROTECTION MATERIALS, REMOVAL AND OFF-SITE DISPOSAL OF ACCUMULATED SEDIMENT AND REMOVAL OF DEVICE UPON COMPLETION OF DEVICE.
4	STRAW WATTLES: INSTALL, MAINTAIN & REMOVAL	110	LF	STRAW WATTLES SHALL HAVE A MINIMUM THICKNESS OF 9", UNLESS OTHERWISE APPROVED. UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING 9" DIAMETER STRAW WATTLES, ANCHORING STAKES AS NECESSARY.
5	CLEARING & GRUBBING	1	LS	CLEARING AND GRUBBING LIMITS INCLUDES THE COSTS FOR THE CLEARING AND GRUBBING NECESSARY TO MAKE THE PROPOSED IMPROVEMENTS. THE TREES AND/OR BRUSH SHALL BE COMPLETELY REMOVED INCLUDING ROOTS AND STUMPS. THE LUMP SUM COSTS INCLUDE, BUT NOT LIMITED TO, REMOVAL AND DISPOSAL OF ALL MATERIALS AND PLACEMENT OF BACKFILL IN AREA WHERE ROOTS HAVE BEEN REMOVED.
6	EXPLORATORY EXCAVATION	10	HRS	THIS BID ITEM IS TO BE USED TO ALLOW THE CONTRACTOR TO VERIFY AND REFINE THE LOCATIONS OF MARKED UTILITIES (PARTICULARLY AT PROPOSED CROSSING LOCATIONS). IN ADVANCE OF EXCAVATION, SUBJECT TO THE INSPECTOR/ENGINEER'S APPROVAL. THIS BID ITEM SHALL INCLUDE ALL MANPOWER AND EQUIPMENT TIME NECESSARY TO EXPOSE THE UTILITY LINE(S) IN QUESTION.
7	CONCRETE WASHOUT	3	EA	THIS BID ITEM INCLUDES, BUT NOT LIMITED TO, PROVIDING CONCRETE WASHWATER CONTAINMENT, COLLECTION, AND DISPOSAL AND RESTORING THE FINAL SURFACE.
8	CONSTRUCTION ENTRANCE	230	SY	THE BID ITEM INCLUDES, BUT NOT LIMITED TO, EXCAVATION; DISPOSAL OF EXCAVATED MATERIALS; ENGINEERS FABRIC; FURNISHING AND PLACING MATERIAL; AND CONSTRUCTION ENTRANCE MAINTENANCE.
9	TOPSOIL: STRIP & STOCKPILE	280	CY	THE CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL AS MUCH AS NECESSARY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ON STOCKPILE LOCATIONS. THE CITY WILL BE PLACING ALL THE REQUIRED TOPSOIL FOR THE PROPOSED PROJECT. THE CONTRACTOR SHALL LEAVE THE SUBGRADE WHERE TOPSOIL IS REQUIRED 4 TO 6 INCHES BELOW FINISHED GRADE TO ALLOW FOR THE CITY TO PLACE THE TOPSOIL. UNIT PRICE SHALL INCLUDE ALL WORK ASSOCIATED WITH THE TOPSOIL REMOVAL, AND SALVAGE.
10	EARTHWORK, INC. PAVEMENT REMOVAL	860		THE BID ITEM IS FOR THE STREET EXCAVATION ASSOCIATED WITH RECONSTRUCTING WEST STREET. QUANTITY: EARTHWORK FOR THE WEST STREET RECONSTRUCTION CONSISTS OF A CUT VOLUME OF 860 CY. THE CUT VOLUME INCLUDES REMOVAL OF EXISTING ASPHALT SURFACING TO THE EXTENTS IDENTIFIED ON THE PLANS. THE CONTRACTOR SHALL BACKFILL THE PROPOSED CURBS TO THE EXTENT IDENTIFIED ON THE PLANS AND PLAN NOTES. ALL EXCESS CUT MATERIALS SHALL BE DISPOSED OF PROPERLY. ANCITIPATED FILL VOLUME FOR THE PROPOSED PROJECT IS 240 CY WHICH CONSISTS OF BACKFILLING BEHIND THE CURBS/GRANULAR SHOULDER. THE CUT VOLUME INCLUDES BOTH THE REMOVAL OF THE EXISTING PAVEMENT AS IDENTIFIED BUT ALSO ANY ADDITIONAL CUT AS REQUIRED FOR THE PROPOSED ROADWAY IMPROVEMENTS INCLUDING BEHIND THE PROPOSED CURB OR GRANULAR SHOULDER. THE FILL VOLUME CONSISTS OF THE BACKFILL BEHIND THE CURB AND GUTTER AND ANY FILL BEHIND THE GRANULAR SHOULDER AS ALREADY INDICATED. AS IDENTIFIED IN BID ITEM #41 (STONE BASE) THE PROPOSED PROFILE ADJUSTMENTS AS IDENTIFIED ON THE PLANS SHALL BE ACCOMPLISHED UTILIZING COMPACTED STONE BASE, PLACED A 12° MAXIMUM THICK LIFTS. PAYMENT: EARTHWORK FOR THE PROJECT SHALL BE PAID FOR BY THE PLAN QUANTITY. ANY ADDITIONAL EARTHWORK FOR THE PROJECT SHALL BE PAID FOR BY THE PLAN QUANTITY. ANY ADDITIONAL EARTHWORK FOR THE PROJECT SHALL BE AT THE CONTRACTOR'S EXPENSE UNLESS ENGINEER AND CITY APPROVED. THE BID ITEM INCLUDES THE COST FOR, BUT NOT LIMITED TO: *SITE PREPARATION FOR, AND THE CONSTRUCTION OF, EMBANKMENT, FILLS, SHOULDER BACKFILL *OVERHAUL *FINISHING THE SOIL SURFACE, INCLUDING ROADWAYS, SHOULDERS, SIDE DITCHES, DRIVEWAYS, SLOPES. *REPAIR OR REPLACEMENT OF ANY FENCES THAT HAVE BEEN UNNECESSARILY DAMAGED OR REMOVED. *SUBGRADE PREPARATION, INCLUDING EXCAVATING, MANIPULATING, REPLACING, COMPACTING, AND TRIMMING TO THE PROPER GRADE.
11	PAVEMENT REMOVAL	810	SY	THIS BID ITEM IS FOR THE PROPOSED PAVEMENT REMOVAL NECESSARY TO MAKE THE PROPOSED WATER MAIN OR WATER SERVICE REPLACEMENTS ON DODGE STREET AND HILL STREET. THIS BID ITEM INCLUDES THE COST FOR, BUT NOT LIMITED TO, SAWCUTTING, BREAKING, REMOVING AND DISPOSING OF EXISTING PAVEMENT.
12	4" PVC WATER MAIN, DR 18	8	LF	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, TRENCH EXCAVATION; DEWATERING; FURNISHING AND INSTALLING PIPE; PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL; TRACER SYSTEM; TESTING; AND DISINFECTION. MEASUREMENT WILL INCLUDE LENGTHS THROUGH FITTINGS, AND VALVES. IF SELECT GRANULAR MATERIAL IS REQUIRED IT WILL BE PAID FOR UNDER THE ASSOCIATED BID ITEM.
13	6" PVC WATER MAIN, DR 18	(1,390)) LF	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, TRENCH EXCAVATION; DEWATERING; FURNISHING AND INSTALLING PIPE; PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL; TRACER SYSTEM; TESTING; AND DISINFECTION. MEASUREMENT WILL INCLUDE LENGTHS THROUGH FITTINGS, AND VALVES. IF SELECT GRANULAR MATERIAL IS REQUIRED IT WILL BE PAID FOR UNDER THE ASSOCIATED BID ITEM.
14	6" DIP HYDRANT LEAD	55	LF	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, TRENCH EXCAVATION; DEWATERING; FURNISHING AND INSTALLING PIPE; PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL; TRACER SYSTEM; TESTING; AND DISINFECTION. MEASUREMENT WILL INCLUDE LENGTHS THROUGH FITTINGS, AND VALVES. IF SELECT GRANULAR MATERIAL IS REQUIRED IT WILL BE PAID FOR UNDER THE ASSOCIATED BID ITEM.

15	6" MJ VALVE	11	EA	UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL COMPONENTS NECESSARY TO INSTALL THE PROPOSED VALVE INCLUDING THE VALVE BOX AND CENTRALIZER.
16	FIRE HYDRANT, COMPLETE	5		UNIT PRICE INCLUDES, BUT NOT LIMITED TO, FURNISHING AND INSTALLATION OF THE FIRE HYDRANT, BARREL EXTENSIONS SUFFICIENT TO ACHIEVE PROPER BURY DEPTH OF ANCHORING PIPE AND HEIGHT OF FIRE HYDRANT ABOVE FINISHED GRADE, EXCAVATION, BACKFILL AND BEDDING; PEA GRAVEL OR POROUS BACKFILL MATERIAL AND BACKFILL OF FIRE HYDRANT. INSTALLATION SHALL BE IN ACCORDANCE WITH PLAN DETAILS, NOTES, SPECIAL PROVISIONS AND REFERENCED SPECIFICATIONS.
17	4" MJ RESTRAINT	6	EA	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, FURNISHING AND INSTALLATION OF MJ RESTRAINT IN THE LOCATIONS AND THE LENGTHS IDENTIFIED IN THE PLANS. MEASUREMENT WILL BE MADE PER MJ RESTRAINT UTILIZED ON THE PROJECT.
18	6" MJ RESTRAINT	55	EA	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, FURNISHING AND INSTALLATION OF MJ RESTRAINT IN THE LOCATIONS AND THE LENGTHS IDENTIFIED IN THE PLANS. MEASUREMENT WILL BE MADE PER MJ RESTRAINT UTILIZED ON THE PROJECT.
19	6" PUSH-ON JOINT RESTRAINT	1	EA	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, FURNISHING AND INSTALLATION OF PUSH-ON JOINT RESTRAINT IN THE LOCATIONS AND THE LENGTHS IDENTIFIED IN THE PLANS. MEASUREMENT WILL BE MADE PER PUSH-ON JOINT RESTRAINT UTILIZED ON THE PROJECT.
20	COMPACT DI FITTINGS, WATER MAIN	800	LBS	UNIT PRICE SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND INSTALLING COMPACT DUCTILE IRON FITTINGS. MEASUREMENT SHALL CONSIST OF ACTUAL BODY WEIGHT OF THE COMPACT DUCTILE IRON FITTINGS INSTALLED EXCLUDING GLANDS, GASKETS AND BOLTS. TYLER WEIGHTS TO BE USED UNLESS THE CONTRACTOR FURNISHES ACTUAL WEIGHTS. FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES.
21	CONNECTION TO EXISTING WATER MAIN	5	EA	CONNECTION TO EXISTING WATER MAIN SHALL BE MADE UTILIZING A MJ FITTING OR MJ SLEEVE AS DETAILED IN THE PLANS. ALL NECESSARY COMPONENTS AND WORK TO MAKE THE CONNECTIONS TO THE EXISTING WATER MAIN SHALL BE INCLUDED IN THIS BID ITEM, NO OTHER BID ITEMS WILL BE UTILIZED TO COVER THE COSTS OF MAKING THE NECESSARY CONNECTIONS TO THE EXISTING WATER MAIN, EXCEPT CONNECTIONS TO EXISTING WATER MAIN UTILIZING PROPOSED MJ FITTINGS, EXCLUDING MJ SLEEVES. IF CONNECTIONS TO EXISTING WATER MAIN ARE COMPLETED UTILIZING A MJ FITTING, EXCLUDING MJ SLEEVES, THE CONTRACTOR WILL BE PAID FOR THE MJ FITTINGS IN ADDITION TO THE CONNECTION TO EXISTING WATER MAIN WITH THE COMPACT DI FITTINGS, WATER MAIN BID ITEM, MJ RESTRAINT ON EXISTING WATER MAIN WILL BE INCIDENTAL TO THE CONNECTION TO EXISTING WATER MAIN AS IDENTIFIED IN THE PLANS. THE CONTRACTOR SHALL ASSIST THE CITY IN NOTIFYING AFFECTED PROPERTIES WHEN WATER IS TO BE SHUT OFF TO MAKE THE CONNECTIONS. WATER SHUT DOWNS SHALL NOT LAST LONGER THAN 4 HOURS IN LENGTH. THE CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 24 HOURS PRIOR TO A WATER SHUT DOWN. DUE TO THE AREAS SERVED BY THE WATER MAIN ASSOCIATED WITH THE PRV STATIONS, THE CITY MAY REQUIRE THE CONTRACTOR TO COORDINATE THAT THE SHUT DOWN OCCUR OUTSIDE OF NORMAL BUSINESS HOURS, AT NO ADDITIONAL COST TO THE CITY.
22	3/4" WATER SERVICE (CORP STOP TO CURB STOP)	(680) A	LF	THE BID ITEM UNIT PRICE SHALL INCLUDE, BUT NOT LIMITED TO, TRENCH EXCAVATION, DEWATERING, FURNISHING AND INSTALLING PIPE, FURNISHING, PLACING, AND COMPACTING BEDDING AND BACKFILL MATERIAL. MEASUREMENT INCLUDES LENGTHS FROM CENTER OF WATER MAIN THRU CORPORATION STOP TO CURB STOP. IF SELECT GRANULAR MATERIAL IS REQUIRED IT WILL BE PAID FOR UNDER THE ASSOCIATED BID ITEM.
23	3/4" WATER SERVICE (CURB STOP TO RESIDENCE)	525		THIS BID ITEM UNIT PRICE SHALL BE USED ON EXISTING WATER SERVICES THAT ARE IDENTIFIED TO BE MADE OF LEAD. THE BID ITEM UNIT PRICE SHALL INCLUDE, BUT NOT LIMITED TO, TRENCH EXCAVATION, DEWATERING, FURNISHING AND INSTALLING PIPE, FURNISHING, PLACING, AND COMPACTING BEDDING AND BACKFILL MATERIAL, TRENCHLESS METHODS OF INSTALLATION MAY BE USED. MEASUREMENT INCLUDES LENGTHS FROM THE CURB STOP TO THE OUTSIDE WALL OF THE HOUSE. THE CONTRACTOR SHALL REPLACE THE IDENTIFIED WATER SERVICE LINE FROM THE CURB STOP INTO THE EXTERIOR WALL OF THE RESIDENCE, UNLESS OTHERWISE REQUIRED BY THE CITY. IF SELECT GRANULAR MATERIAL IS REQUIRED IT WILL BE PAID FOR UNDER THE ASSOCIATED BID ITEM.
24	LEAD SERVICE LINE REPLACEMENT TO METER	15		THIS BID ITEM SHALL CONSIST OF LEAD SERVICE LINE REPLACEMENT FROM THE EXTERIOR OF THE HOME TO THE EXISTING WATER METER, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO PERFORM THIS WORK.
25	3/4" CORPORATION STOP	27	EA	THE BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND INSTALLING THE CORPORATION STOP, TAPPING SADDLE AND MAKING TAP OF PROPOSED WATER MAIN FOR THE PROPOSED WATER SERVICE IN ACCORDANCE WITH THE PLANS AND NOTES.
26	3/4" CURB STOP AND CURB BOX	27	EA	THE BID ITEM UNIT PRICE SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND INSTALLING THE CURB STOP AND CURB BOX IN ACCORDANCE WITH PLANS, NOTES AND REFERENCED SPECIFICATIONS.
27	SELECT TRENCH BACKFILL, WATER MAIN	1,890) LF	SELECT TRENCH BACKFILL WILL BE USED TO PAY FOR THE BEDDING, HAUNCHING, INITIAL AND FINAL BACKFILL ASSOCIATED WITH THE IMPORTED SELECT GRANULAR MATERIAL AS REQUIRED FOR THE WATER MAIN AND WATER SERVICE INSTALLATION THAT IS UNDER OR WITHIN 5 FEET OF EXISTING OR PROPOSED PAVEMENT OR GRANULAR SURFACING. THIS BID ITEM INCLUDES, BUT NOT LIMITED TO, FURNISHING, HAULING, AND PLACING BEDDING, HAUNCHING, INITAL AND FINAL BACKFILL MATERIAL AND HAULING AND DISPOSING OF TRENCH EXCAVATED MATERIAL.
28	4" PVC SANITARY SEWER SERVICE	180		UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, TRENCH EXCAVATION; FURNISHING AND INSTALLING PIPE; FURNISHING, PLACING, AND COMPACTING BEDDING AND BACKFILL MATERIAL; AND FURNISHING AND INSTALLATION OF A FLEXIBLE COUPLING WITH STAINLESS STEEL SHEAR BAND TO CONNECT THE PROPOSED 4" GRAVITY SEWER SERVICE TO THE EXISTING SANITARY SEWER LEAVING THE BUILDING. MEASUREMENT WILL BE MEASURED IN LINEAR FEET ALONG THE CENTERLINE OF THE PIPE.
29	8" PVC SANITARY SEWER	275	LF	MEASUREMENT WILL BE MEASURED IN LINEAR FEET ALONG THE CENTERLINE OF THE PIPE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, TRENCH EXCAVATION; DEWATERING; FURNISHING AND INSTALLING PIPE; FURNISHING, PLACING, AND COMPACTING BEDDING AND BACKFILL MATERIAL; WYES AND OTHER FITTINGS; PIPE JOINTS; PIPE CONNECTIONS; AND TESTING.



WORKING ON TOMORROW.

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GENERAL BID ITEM NOTES CITY OF GALENA, ILLINOIS
UTILITY SYSTEMS IMPROVEMENTS 2022
WEST STREET, DODGE STREET, AND HIGH STREET
P:\\ \ 22\112\DRAWNINGS\\ CWU\\ 22112 \ ZZ 00 \ GDWG 7/26/2022 1:42 PM KAITE RASH

Project Description

G0.05

Project No: 22112

30	SANITARY MANHOLE FRAME & COVER	1	EA	UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING THE FRAME AND COVER INCLUDING CHIMNEY SEAL.
31	SANITARY SEWER MANHOLE SIDEWALL, 48" ID	7.5	VF	MEASUREMENT FOR SANITARY SEWER MANHOLE SIDEWALL WILL BE MEASURED BY THE VERTICAL FOOT OF MANHOLE INSTALLED MEASURED FROM THE DEEPEST FLOWLINE TO THE FINAL RIM ELEVATION. UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING MANHOLE SIDEWALL, INCLUDING REQUIRED JOINT GASKETS AND ACCESSORIES AS REQUIRED, EXCAVATION AND BACKFILLING.
32	SELECT TRENCH BACKFILL, SANITARY SEWER	260	LF	MEASUREMENT FOR THE SELECT TRENCH BACKFILL WILL BE ALONG THE CENTERLINE OF THE SANITARY SEWER MAIN AND SANITARY SEWER SERVICES WHERE SELECT TRENCH BACKFILL IS REQUIRED. UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING, HAULING, AND PLACING BACKFILL MATERIAL.
33	15" RCP STORM SEWER	45	LF	STORM SEWER REINFORCED CONCRETE PIPE SHALL BE CONFORMING TO ASTM C76 WITH ASTM C443 FLAT GASKET JOINTS OR ASTM C361 "O-RING" JOINTS. MEASUREMENT: MEASUREMENT OF STORM SEWER SHALL BE FROM END OF PIPE OR TO FRONT FACE OF STRUCTURE, EXCLUSIVE OF APRONS. UNIT PRICE INCLUDES, BUT NOT LIMITED TO, TRENCH EXCAVATION, DEWATERING, FURNISHING AND INSTALLING PIPE, FURNISHING AND PLACING, COMPACTING BEDDING AND BACKFILL MATERIAL, JOINT WRAPPING, PIPE JOINTS.
34	15" RCP FES	2	EA	UNIT PRICE INCLUDES, BUT NOT LIMITED TO, TRENCH EXCAVATION, DEWATERING, FURNISHING AND INSTALLING PIPE, FURNISHING, PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL, JOINTS.
35	STORM SEWER INTAKE - MEDIAN STYLE 54256-01	1	EA	UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, EXCAVATION, FURNISHING AND INSTALLING STRUCTURE, FURNISHING, PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL, CONCRETE FILLETS, PIPE CONNECTIONS, CASTINGS AND ADJUSTING RINGS.
36	STORM INTAKE - 101- B STYLE	1	EA	UNIT PRICE INLCUDES, BUT NOT LIMITED TO, EXCAVATION, FURNISHING, PLACING, AND COMPACTING BEDDING AND BACKFILL MATERIAL, BASE, STRUCTURAL CONCRETE, REFORCING STEEL, PRECAST UNITS (IF USED), CONCRETE FILLETS, PIPE CONNECTIONS, CASTINGS AND ADJUSTMENT RINGS.
37	RIP RAP	30	TON	RIP RAP TO BE RR-4 PER THE ILLINOIS DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, EXCAVATION, FURNISHING AND INSTALLING RIP RAP MATERIAL, FURNISHING AND INSTALLING NON-WOVEN ENGINEERING FABRIC.
38	ROCK EXCAVATION, INC. BACKFILL	100	CY	THIS BID ITEM COST SHALL BE INCLUDE, BUT NOT LIMITED TO, REMOVAL AND DISPOSAL OF ROCK FROM UTILIY TRENCH EXCAVATION, PRV INSTALLATION, INSTALLING SELECT GRANULAR MATERIAL. ROCK IS DEFINED AS BOULDERS OR SEDIMENTARY DEPOSITS THAT CANNOT BE REMOVED IN TRENCHES WITHOUT CONTINUOUS USE OF PNEUMATIC OR HYDRAULIC TOOLS. BOULDERS SHALL NOT BE CLASSIFIED AS ROCK UNLESS LARGER THAN ONE-HALF CUBIC YARDS.
39	PCC CURB & GUTTER	1,390	LF	THIS BID ITEM IS FOR USE FOR THE PROPOSED PCC CURB AND GUTTER ON WEST STREET. THIS BID ITEM UNIT COST SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND PLACING PCC, BARS AND REINFORCEMENT, JOINTS AND SEALING, SURFACE CURING AND PAVEMENT PROTECTION, AND BOXOUTS FOR FIXTURES.
40	PCC CURB & GUTTER, REMOVE & REPLACE	40	LF	THIS BID ITEM IS FOR USE FOR THE PROPOSED PCC CURB AND GUTTER REMOVAL AND REPLACEMENT ON DODGE AND HILL STREETS NECESSARY TO MAKE THE PROPOSED WATER MAIN AND SERVICE IMPROVEMENTS. THIS BID ITEM UNIT COST SHALL INCLUDE, BUT NOT LIMITED TO, SAWING AND REMOVING AND DISPOSING OF EXISTING PAVEMENT BARS AND REINFORCEMENT, PROVIDING AND PLACING PCC, JOINTS AND SEALING, SURFACE CURING AND PAVEMETN PROTECTION.
41	STONE BASE	2,800	TON	STONE BASE SHALL BE PAID FOR UNDER HMA PAVEMENT WHERE FULL DEPTH REMOVALS ARE PROPOSED, PROFILE ADJUSTMENT AREAS, PCC CURB AND GUTTER, AND PCC DRIVEWAY. UNIT PRICE INCLUDES, BUT NOT LIMITED TO, FURNISHING, PLACING, COMPACTING OF SUBBASE INCLUDING TRIMMING TO THE PROPER GRADE. PLACEMENT SHALL BE COMPLETED IN ACCORDANCE WITH PLAN NOTES AND ILLINOIS DOT STANDARD SPECIFICATIONS FOR STONE BASE.
42	GRANULAR SURFACING	50	TON	THIS BID ITEM SHALL INCLUDE THE GRANULAR SURFACING REQUIRED FOR THE GRANULAR DRIVEWAYS IN THE LOCATIONS IDENTIFIED ON THE PLANS. ADDITIONAL, LOCATIONS AND LIMITS OF GRANULAR SURFACING PLACEMENT SHALL RECEIVE APPROVAL FROM THE ENGINEER. THE BID ITEM SHALL INCLUDES, BUT NOT LIMITED TO, EXCAVATION, SUBGRADE PREPARATION, FURNISHING AND PLACING AND COMPACTING THE GRANULAR SURFACING.
43	GRANULAR SURFACING, CA 1	70	TON	THIS BID ITEM SHALL INCLUDE THE GRANULAR SURFACING REQUIRED FOR THE GRANULAR SHOULDER (WEST STREET) IN THE LOCATIONS IDENTIFIED ON THE PLANS. THE GRANULAR SHOULDER ON WEST STREET SHALL CONSIST OF CA 1 IN ACCORDANCE WITH THE ILLINOIS DOT STANDARD SPECIFICATIONS. ADDITIONAL, LOCATIONS AND LIMITS OF GRANULAR SURFACING PLACEMENT SHALL RECEIVE APPROVAL FROM THE ENGINEER. THE BID ITEM SHALL INCLUDES, BUT NOT LIMITED TO, EXCAVATION, SUBGRADE PREPARATION, FURNISHING AND PLACING AND COMPACTING THE GRANULAR SURFACING.
44	PCC COLLAR AROUND WATER VALVE BOXES	8	EA	PCC CONCRETE COLLARS AROUND WATER VALVE BOXES SHALL BE INSTALLED IN PROPOSED PAVING OR PAVEMENT REHABILITATION AREAS. UNIT PRICE SHALL INCLUDE THE FOLLOWING, BUT NOT LIMITED TO, EXCAVATION, CONCRETE, BARS AND REINFORCEMENT, JOINTS AND SEALING, SURFACE CURING AND PAVEMENT PROTECTION.
45	PCC COLLAR AROUND SANITARY SEWER MANHOLES	7	EA	PCC CONCRETE COLLARS AROUND SANITARY SEWER MANHOLES SHALL BE INSTALLED PROPOSED PAVING OR PAVEMENT REHABILITATION AREAS. UNIT PRICE SHALL INCLUDE THE FOLLOWING, BUT NOT LIMITED TO, EXCAVATION, CONCRETE, BARS AND REINFORCEMENT, JOINTS AND SEALING, SURFACE CURING AND PAVEMENT PROTECTION.

46	MANHOLE ADJUSTMENT	6	EA	THIS BID ITEM SHALL INCLUDE, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ADJUSTING RINGS AND REINSTALLING THE EXISTING FRAME AND COVER TO THE PROPER GRADES FOR THE PROPOSED PAVEMENT REPLACEMENT AND REHABILITATION.
47	HMA SURFACE REMOVAL	300	SY	THIS BID ITEM IS TO BE USED FOR WHERE MILLING OR GRINDING IS IDENTIFIED ON THE PLANS. THE BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, MILLING OR GRINDING OF THE EXISTING HMA TO A DEPTH OF 2" BELOW THE EXISTING SURFACE UNLESS OTHERWISE APPROVED BY THE OWNER, DISPOSING OF THE HMA MILLINGS OR GRINDINGS. THE CITY SHALL HAVE RIGHT TO FIRST REFUSAL OF THE MATERIAL. IF THE CITY ELECTS TO KEEP THE MATERIAL THE CONTRACTOR SHALL DELIVER IT TO A LOCATION IDENTIFIED BY THE CITY.
48	HMA LEVELING BINDER COURSE, N50, 0-2"	370	TON	THIS BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND PLACING ASPHALT MIX WITH ASPHALT BINDER, PRIME COAT ON EXISTING SURFACE/STONE BASE AND CONSTRUCTION ZONE PROTECTION.
49	HMA SURFACE A COURSE MIX C, N50, 2"	550	TON	THIS BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURISHING AND PLACING ASPHALT MIX WITH ASPHALT BINDER, AND CONSTRUCTION ZONE PROTECTION.
50	TACK COAT CSS-1H	330	GAL	THIS BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND PLACING TACK COAT.
51	PCC DRIVEWAY	180	SY	THIS BID ITEM INCLUDES, BUT IS NOT LIMITED TO EXCAVATION, SUBGRADE PREPARATION, FURNISHING AND PLACING PCC, JOINTING INCLUDING EXPANSION JOINTS AS REQUIRED.
52	HMA DRIVEWAY, REMOVE AND REPLACE	40	SY	THIS BID ITEM SHALL BE UTILIZED WHERE HMA DRIVEWAYS ARE REMOVED TO MAKE THE PROPOSED IMPROVEMENTS AND ARE TO BE REPLACED WITH HMA. HMA DRIVEWAYS SHALL BE REPLACED TO A DEPTH OF 4" IN A MINIMUM OF TWO LIFTS. THIS BID ITEM SHALL INCLUDE, BUT NOT LIMITED TO, FURNISHING AND PLACING ASPHALT MIX WITH ASPHALT BINDER, PRIME COAT ON SUBBASE AND CONSTRUCTION ZONE PROTECTION.
53	PCC SIDEWALK, REMOVE AND A REPLACE	35	SY	THIS BID ITEM INCLUDES, BUT IS NOT LIMITED TO, SAWING, HAULING AND DISPOSAL OF MATERIALS REMOVED, EXCAVATION, SUBGRADE PREPARATION, FURNISHING AND PLACING PCC, JOINTING INCLUDING EXPANSION JOINTS AS REQUIRED.



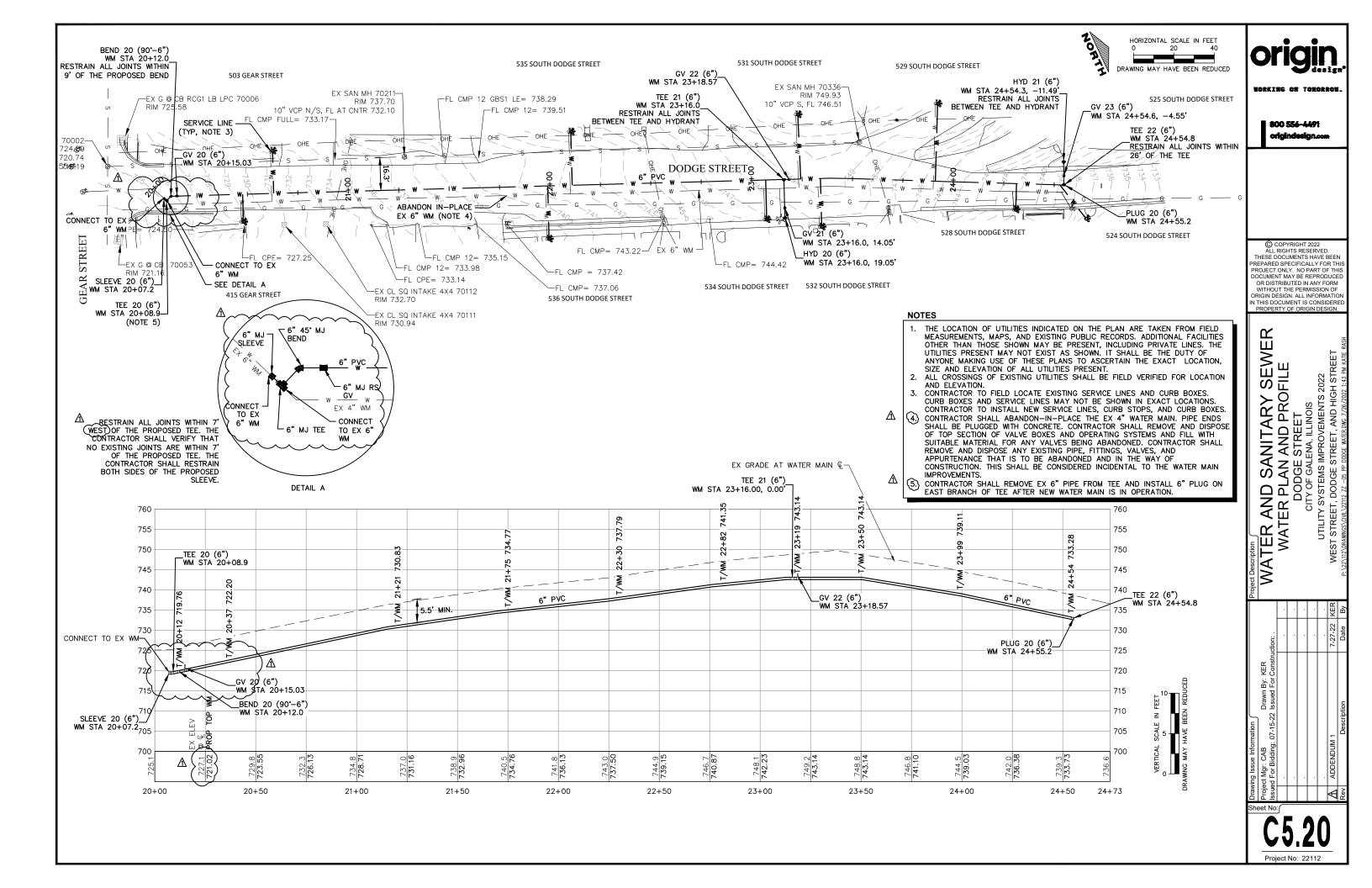
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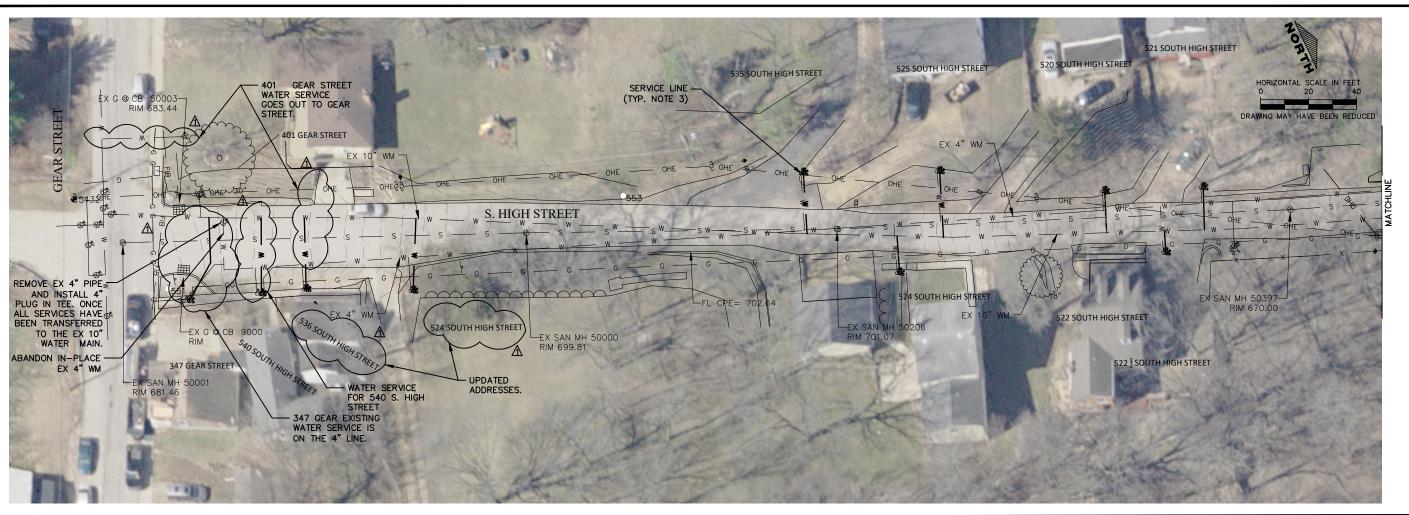
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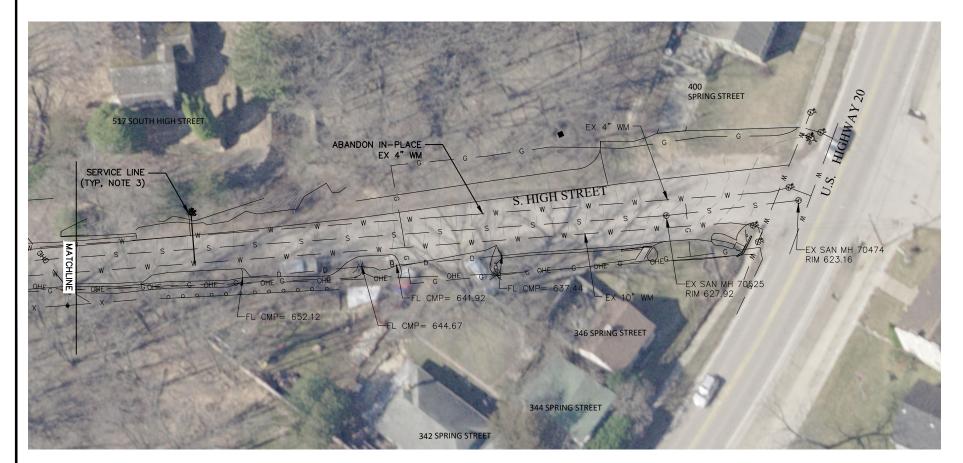
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CITY OF GALENA, ILLINOIS
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- THE LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM FIELD MEASUREMENTS, MAPS, AND EXISTING PUBLIC RECORDS. ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN MAY BE PRESENT, INCLUDING PRIVATE LINES. THE UTILITIES PRESENT MAY NOT EXIST SHOWN. IT SHALL BE THE DUTY OF ANYONE MAKING USE OF THESE PLANS TO ASCERTAIN THE EXACT LOCATION, SIZE AND ELEVATION OF ALL UTILITIES PRESENT.
- PLANS TO ASCERTAIN THE EXACT LOCATION, SIZE AND ELEVATION OF ALL UTILITIES PRESENT.
 ALL CROSSINGS OF EXISTING UTILITIES SHALL BE FIELD VERIFIED FOR LOCATION AND ELEVATION.
 CONTRACTOR TO FIELD LOCATE EXISTING SERVICE LINES AND CURB BOXES. CURB BOXES AND SERVICE LINES MAY NOT BE SHOWN IN EXACT LOCATIONS. CONTRACTOR TO INSTALL NEW SERVICE LINES, CURB STOPS, AND CURB BOXES.
- CONTRACTOR SHALL ABANDON-IN-PLACE THE EX 4" WATER MAIN. PIPE ENDS SHALL BE PLUGGED WITH CONCRETE. CONTRACTOR SHALL REMOVE AND DISPOSE OF TOP SECTION OF VALVE BOXES AND OPERATING SYSTEMS AND FILL WITH SUITABLE MATERIAL FOR ANY VALVES BEING ABANDONED. CONTRACTOR SHALL REMOVE AND DISPOSE ANY EXISTING PIPE, FITTINGS, VALVES, AND APPURTENANCE THAT IS TO BE ABANDONED AND IN THE WAY OF CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO THE WATER MAIN IMPROVEMENTS.

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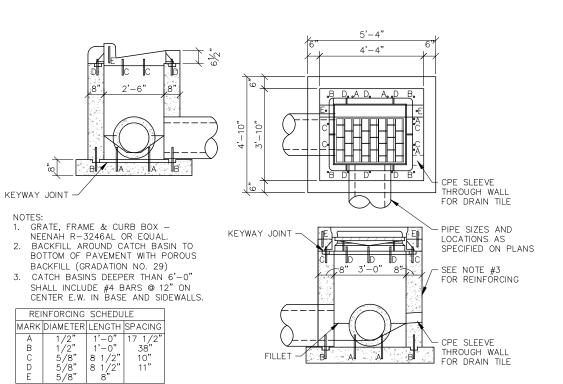
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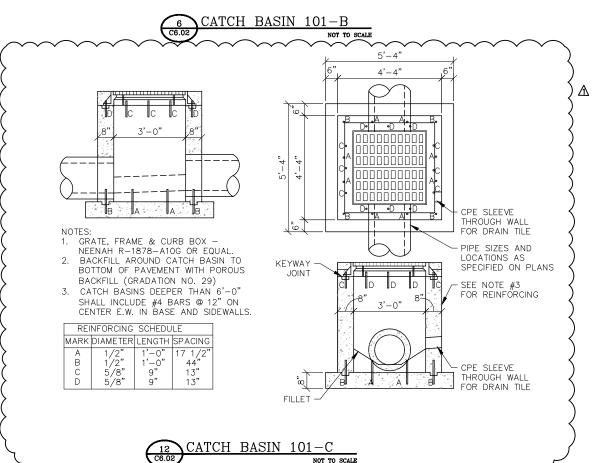
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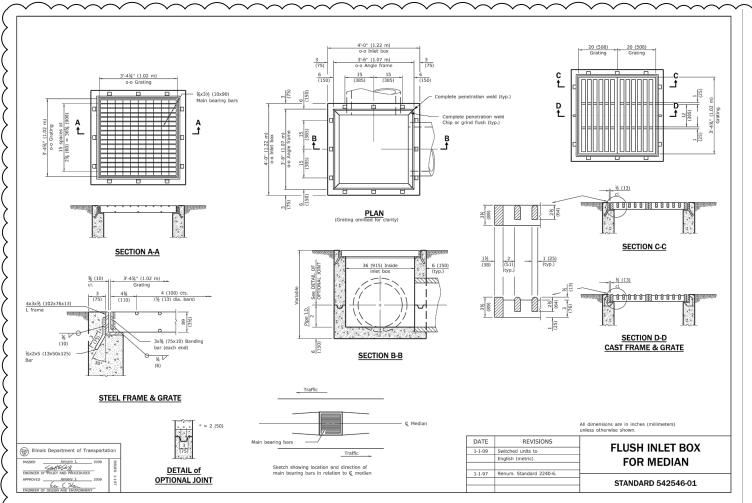
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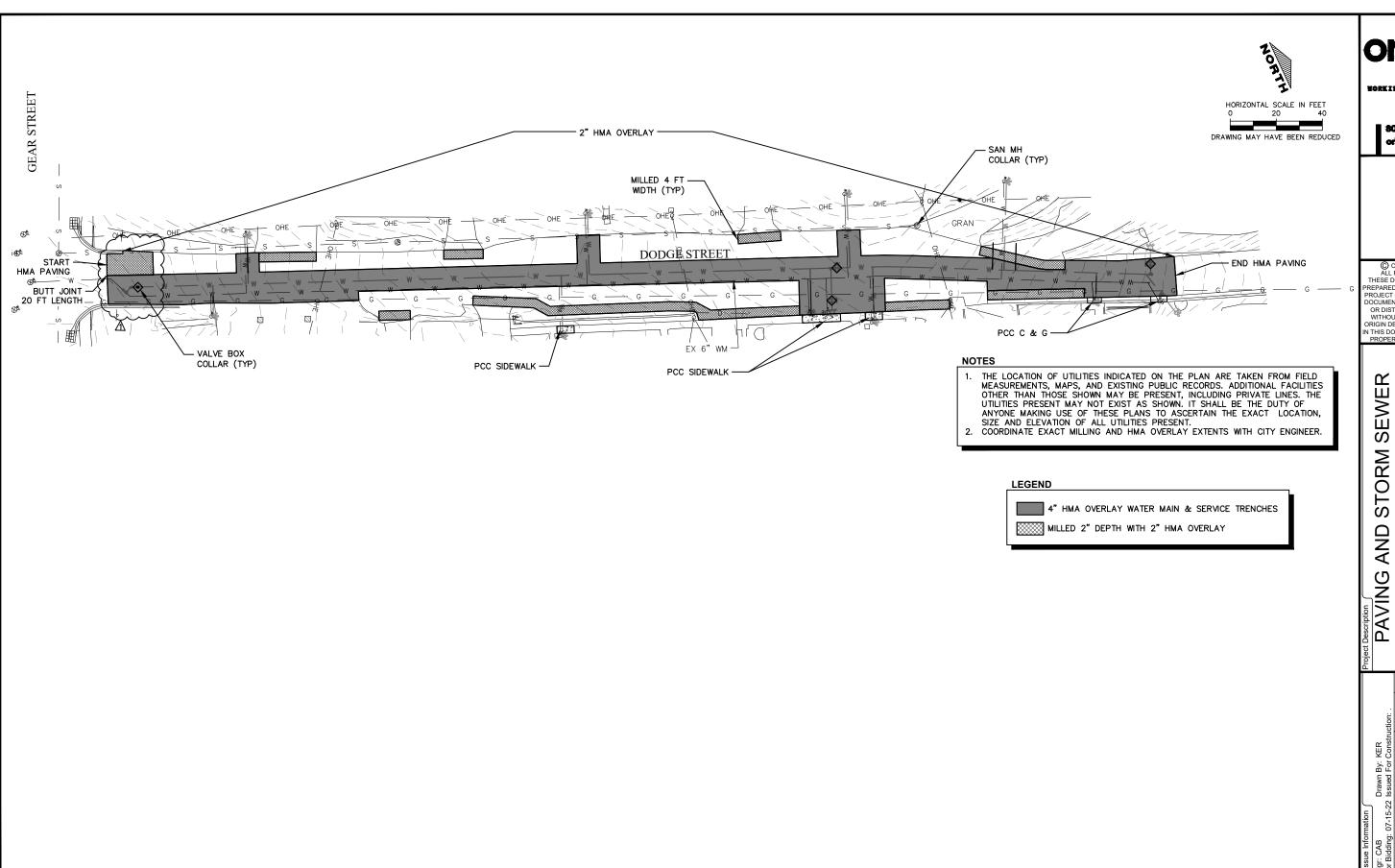
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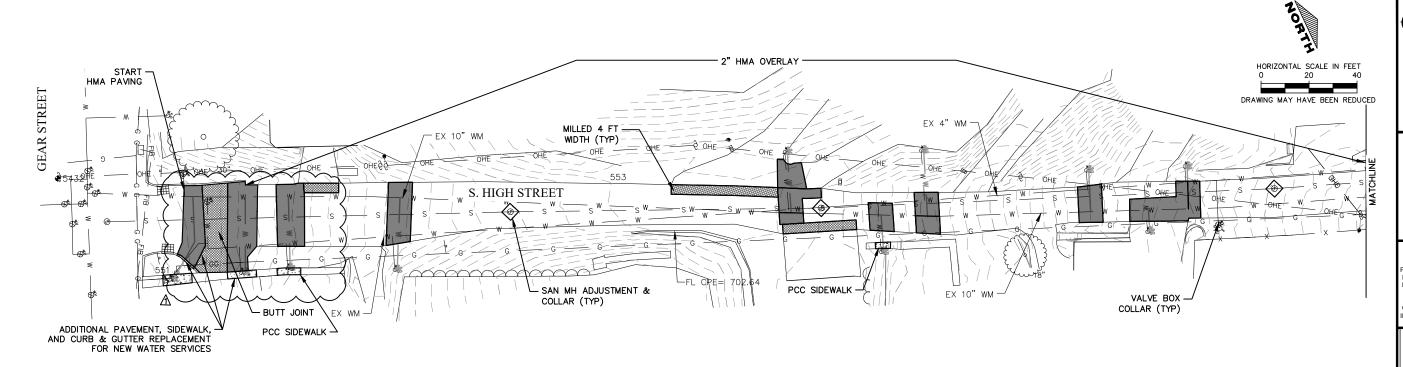
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LEGEND

4" HMA OVERLAY WATER MAIN & SERVICE TRENCHES

MILLED 2" DEPTH WITH 2" HMA OVERLAY

ZORTH HORIZONTAL SCALE IN FEET 0 20 40 DRAWING MAY HAVE BEEN REDUCED HIGHWAY 20 EX 4" WM OVERLAY

> FND HMA PAVING

- BUTT JOINT 20 FT LENGTH

S. HIGH STREET

EX 10" WM

NOTES

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- COORDINATE EXACT MILLING AND HMA OVERLAY EXTENTS WITH CITY

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