

BID NUMBER #25232

Project: Saunders Road Sanitary Sewer and Lift Station Improvements for Lake County Public Works Department

Subject: Addendum #1

Date: August 15, 2025

GENERAL/QUESTIONS:

1. Question: We would like to quote KSB pumps as an “or equal” option to the named manufacturer’s (A. Flygt/Xylem & B. Sulzer). Attached please our KSB pump selection (KSB Pump Model KRT D-Max 150-317-754XEG2-S IE3). Please let us know if this pump would be considered an “or equal” option. If so, would you be able to help issue an addendum naming KSB as an acceptable manufacturer?

Answer: Yes, KSB will be listed as an acceptable manufacturer. See revisions in this addendum. It is noted that there may be variations from the spec in impeller design/material and base elbow material.

2. Question: Can you confirm what type of material will be required for trench backfill? It appears that you will require flowable fill and we just want to confirm that this is what you will require. Flowable fill backfill will add a substantial cost to the project compared to conventional material typically used for similar projects. Will flowable fill also be required for backfill around the wet well and valve vault?

Answer: Flowable fill is required beneath pavement and shoulder replacement on Saunders Road. Granular fill (crushed stone, IDOT gradation CA-6) is required beneath paved areas (HMA pavement, sidewalks, curb & gutter, and equipment pads) at the lift station site. Excavated trench material may be used for backfill in unpaved areas.

3. Comment/Question: You are calling for a slope of 0.50% for the sanitary sewer that is to be installed by horizontal directional drilling. It is not possible to achieve this slope when horizontal directional drilling, horizontal directional drilling requires a minimum of a 1.0% slope. Can the slope of the proposed sanitary sewer to be installed via horizontally directional drilling be changed to 1%.

Answer: Project constraints have dictated the maximum allowable slope to be 0.50%. This cannot be changed to 1.0%.

4. Comment/Question: Can the substantial completion date for the project be extended to +/- 365 calendar days? We are unable to meet the completion date specified due to the

lead times for the specialty items required for the project. For instance the generator required for the project could take 8-9 months to obtain after receipt of approved submittals. The submittal process could take between 2-3 months. This will be similar for the controls also.

Answer: All underground work requiring pavement replacement on Saunders Road shall be substantially complete within 210 days. Underground work behind (east of) the proposed M4.12 curb at the new lift station site does not need to be completed within the 210-day limit. Substantial completion in this context shall be defined as installation, testing, and backfill of underground items requiring pavement replacement. The suggested work sequence in the bid documents will be updated to reflect this timeline.

The remainder of the project shall be substantially complete within 365 days, and ready for final payment within 395 days.

5. Comment/Question: In Section 01 11 00-1 (1.02 B 1 & 2), for the gas & electrical service it states that the contractor shall bear any costs for the new service. Can either an allowance be created or the owner pay for the service costs directly? At this time we are unable to get a price from either North Shore Gas or Com Ed for a new service.

Answer: The owner directed allowance has been adjusted to include the gas and electrical service work to be completed by North Shore Gas and ComEd. See revisions in this addendum.

6. Comment/Question: In Section 01 22 00 - 6/7 Utility Locating and also Section 31 10 00 - 3/4 (3.06), It calls for the contractor to have the entire project site evaluated with a (GPR) ground penetrating radar scanning system to locate existing utilities. Please confirm that this service will be required to be provided by the contractor. This is not typically required of the contractor on a project of this nature. Typically J.U.L.I.E would be required to mark / locate the existing utilities and the contractor would perform exploratory excavations to verify the utility locations.

Answer: Gound penetrating radar is required to ensure utilities can be properly located.

SPECIFICATIONS:

1. Agreement – Remove Article 4.02.A in its entirety and replace with the following:

“The Work will be substantially completed within 365 (three-hundred sixty-five) calendar days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance

with Paragraph 15.06 of the General Conditions within 395 (three-hundred ninety-five) calendar days after the date when the Contract Times commence to run.”

2. Bid Form – Item # 35, Owner Directed Allowance. Delete “\$250,000” from the unit price and total price and replace with “\$300,000”.
3. Section 01 11 00 – Summary of Work, Part 1.02.B.1.b. Delete this paragraph in its entirety.
4. Section 01 11 00 – Summary of Work, Part 1.02.B.2.b. Delete this paragraph in its entirety.
5. Section 01 21 00 – Allowances, Part 1.02.A. Delete this paragraph in its entirety and replace with the following:

“Allow lump sum (as shown on Bid Form) for cost of additional Work as directed by Owner. Work may be any additional work or other changes not shown in the Contract Documents but determined to be necessary, at the sole and absolute discretion of Owner. This allowance includes electrical and gas utility work done by others. The Bidder shall not factor the Owner Directed Allowance into the Bid for performing any required work in any of the Plans, Specifications, or Contract Documents.”

6. Section 01 41 00 – Regulatory Requirements, Part 1.01.B.4.a. Delete this paragraph in its entirety and replace with the following:

“a. Acceptable Performance Guarantee in the amount of \$5,000 in the form of a surety bond. The length of the term for the performance guarantee shall be the amount of time required to complete the permitted work and restoration work plus any additional time to ascertain problems with the permitted work and restoration work. The minimum length of the term for the performance guarantee shall be 18 months. Sample performance bond forms are available from LCDOT. “

7. Section 01 41 00 – Regulatory Requirements, Part 1.01.B.5. Delete Part 1.01.B.5. The anticipated area of disturbance is less than 1 acre, and therefore submission of a Notice of Intent (NOI) for coverage under IEPA General NPDES Permit No. ILR10 is not required. Should the total area of disturbance exceed 1 acre due to the Contractor’s selected means and methods, the Contractor shall be responsible for preparing a Stormwater Pollution Prevention Plan (SWPPP) and submitting an NOI.
8. Section 31 25 00 – Erosion Control, delete Part 1.03.B. The anticipated area of disturbance is less than 1 acre, and therefore submission of a Notice of Intent (NOI) for coverage under IEPA General NPDES Permit No. ILR10 is not required. Should the total area of disturbance exceed 1 acre due to the Contractor’s selected means and methods, the Contractor shall

be responsible for preparing a Stormwater Pollution Prevention Plan (SWPPP) and submitting an NOI.

9. Section 31 23 00 – Excavation and Fill, add the following as Part 2.01.E:

“E. Granular Fill:

1. Crushed stone
2. IDOT Gradation CA-6
3. Material furnished from IDOT approved sources”

10. Section 31 23 00 – Excavation and Fill, delete Part 3.06.C and replace with the following:

“C. Controlled Low Strength Material (CLSM)/Flowable Fill: Within excavations under pavement and shoulders on Saunders Road.”

11. Section 31 23 00 – Excavation and Fill, add the following as Part 3.06.E:

“E. Granular Fill: Within excavations under pavements, sidewalks, equipment pads, and curb & gutter at the lift station site. The lift station site includes the area behind (east of) the proposed M4.12 curb & gutter.”

12. Section 31 23 33 – Trenching and Backfill, delete Part 3.06.C and replace with the following:

“C. Granular Fill: Within trenches under pavements, sidewalks, equipment pads, and curb & gutter at the lift station site. The lift station site includes the area behind (east of) the proposed M4.12 curb & gutter.”

13. Section 31 23 33 – Trenching and Backfill, delete Part 3.06.E and replace with the following:

“E. Controlled Low Strength Material (CLSM)/Flowable Fill: Within trenches under pavement and shoulders on Saunders Road.”

14. Section 33 05 07.13 – Horizontal Directional Drilling, Part 1.04.A.2. Delete this paragraph in its entirety.

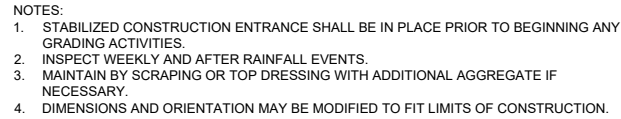
15. Section 43 25 13 – Submersible Centrifugal Pumps, Part 2.01.B. Delete this paragraph and replace with “B. KSB”

DRAWINGS:

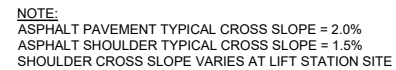
1. Delete Drawing 999-C-4 in its entirety and replace with the attached Drawing 999-C-4.
2. Delete Drawing 999-C-7 in its entirety and replace with the attached Drawing 999-C-7.

BASE BID					
Item #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Mobilization, Project Administration, and Demobilization	LS	1		
2	Temporary Conveyance of Sewage	LS	1		
3	Traffic Control	LS	1		
4	Clearing and Grubbing	LS	1		
5	Topsoil Stripping and Stockpiling	LS	1		
6	Sanitary Manhole Removal	EA	3		
7	Sanitary Manhole Abandonment	EA	6		
8	Storm Culvert Removal and Replacement	LS	1		
9	Utility Locating	LS	1		
10	Erosion Control	LS	1		
11	Asphalt Pavement and Shoulder Removal	LS	1		
12	Asphalt Pavement and Shoulder	LS	1		
13	Aggregate Shoulder Removal	LS	1		
14	Aggregate Shoulder Replacement	LS	1		
15	M4.12 Curb & Gutter and Curb & Gutter Outlets	LF	205		
16	Concrete Sidewalk	SF	1,065		
17	Guardrail	LF	110		
18	Lift Station Site Grading, including Compensatory Storage	LS	1		
19	Site Restoration, Topsoil, and Seeding	LS	1		
20	Sanitary Sewer Manhole, 4' Diameter	EA	7		
21	Sanitary Sewer Manhole, 5' Diameter	EA	1		
22	Sanitary Sewer Manhole, 6' Diameter	EA	2		
23	Sanitary Sewer Service Reconnections	EA	4		
24	6" PVC Gravity Sewer, Open Cut Installation	LF	10		
25	8" PVC Gravity Sewer, Open Cut Installation	LF	20		
26	10" PVC Gravity Sewer, Open Cut Installation	LF	185		
27	12" PVC Gravity Sewer, Open Cut Installation	LF	180		
28	16" PVC Gravity Sewer, Open Cut Installation	LF	300		
29	24" PVC Gravity Sewer, Open Cut Installation	LF	40		
30	16" PVC Gravity Sewer, HDD Installation	LF	1,170		
31	10" PVC Forcemain, Open Cut Installation	LF	185		
32	12" PVC Forcemain, Open Cut Installation	LF	190		
33	Lift Station	LS	1		
34	Lift Station Removal	LS	1		
35	Owner Directed Allowance	LS	1	\$ 300,000	\$ 300,000
Total Bid Amount (Line Items 1 through 35)					

SUPPLEMENTAL UNIT PRICING					
Item #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
A	Class D Pavement Patch (2" Surface / 4" Binder)	SY	100		
B	Aggregate Shoulder, 8", CA-6	SY	50		
C	Potholing for Existing Utilities	EA	1		
D	Topsoil, Seed, Fertilizer and Erosion Control Blanket Installation	SY	700		
E	Non-Special Waste Disposal	CY	100		



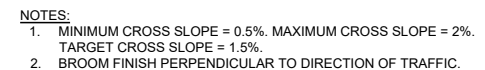
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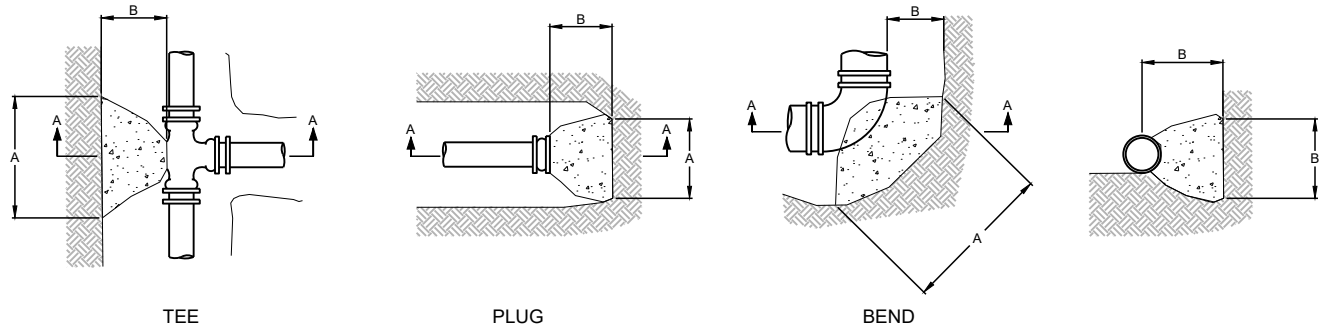


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999-C-4

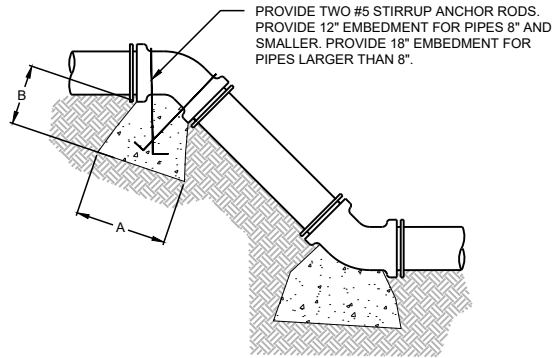


TEE

PLUG

BEND

PLAN



ELEVATION (VERTICAL BENDS)

TYPICAL THRUST
BLOCKING DETAIL

C430

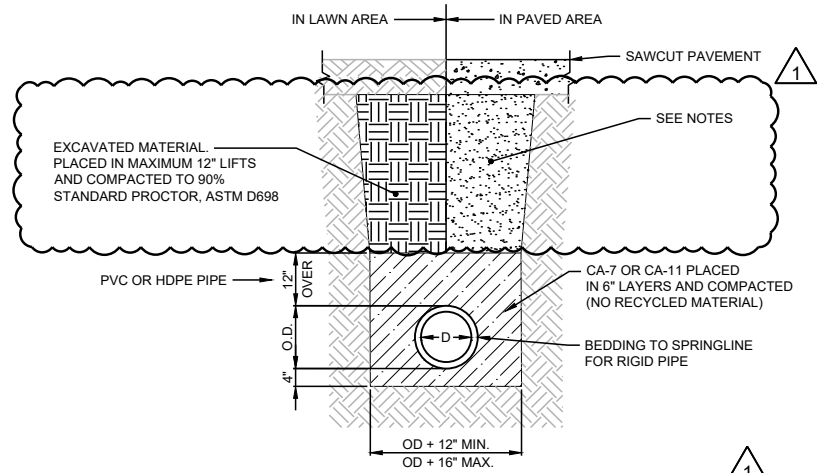
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- NOTES:
1. LCPW REQUIRES THRUST BLOCKING UNDERNEATH FITTINGS.
 2. THRUST BLOCKING SIZED FOR 65 PSI WORKING PRESSURE AND 2,000 PSF SOIL BEARING PRESSURE.

SECTION A-A

FITTING	10" DIAMETER		12" DIAMETER	
	DIMENSION "A" (INCHES)	DIMENSION "B" (INCHES)	DIMENSION "A" (INCHES)	DIMENSION "B" (INCHES)
11.25-DEG	12	26	12	28
22.5-DEG	12	26	12	28
45-DEG	12	26	16	28
90-DEG	24	26	28	28
TEE/PLUG	15	26	24	28

1



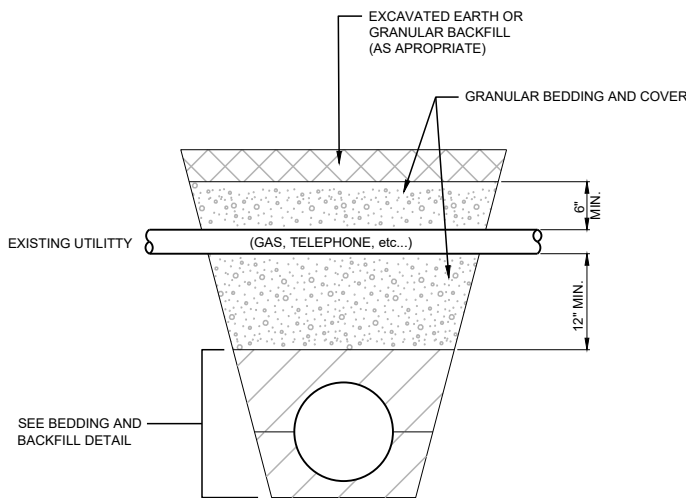
NOTES:

1. CONFIRM REQUIREMENTS OF LOCAL MUNICIPALITY AND ROADWAY AUTHORITY REGARDING THEIR SPECIFIC BEDDING AND BACKFILL MATERIAL STANDARDS.
2. FLOWABLE FILL / CONTROLLED LOW STRENGTH MATERIAL (CLSM), MIX 3 PER ARTICLE 1019.05 OF THE IDOT STANDARD SPECIFICATIONS REQUIRED BENEATH SAUNDERS ROAD PAVEMENT AND SHOULDERS.
3. GRANULAR FILL (CRUSHED STONE, IDOT GRADATION CA-6) REQUIRED BENEATH PAVEMENT, SIDEWALKS, EQUIPMENT PADS, AND CURB & GUTTER AT THE LIFT STATION SITE.

PIPE BEDDING AND
TRENCH BACKFILL
(LCPW STANDARD DETAIL 3)

C501

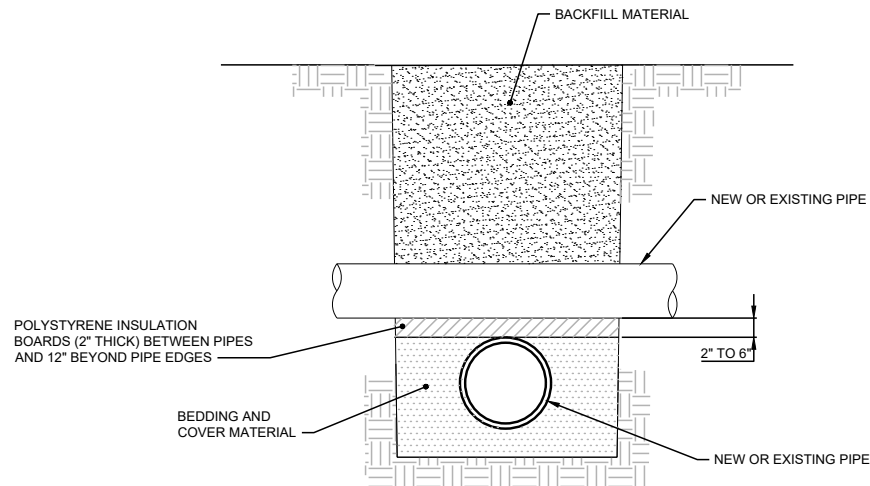
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BACKFILLING DETAIL
AROUND EXISTING UTILITIES

C507

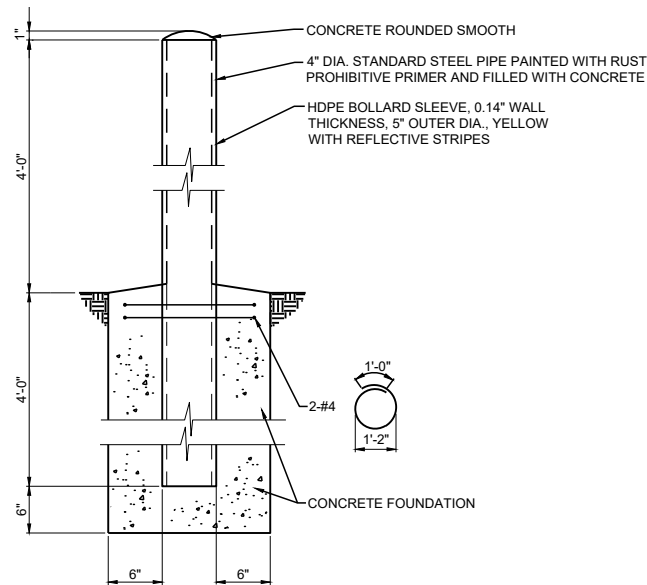
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PIPE CROSSING DETAIL
6 INCHES OR LESS CLEARANCE

C566

NTS



SECTION

GUARD POST DETAIL

C801

NTS

LAKE COUNTY DEPARTMENT OF PUBLIC WORKS
SAUNDERS ROAD SANITARY SEWER
AND LIFT STATION IMPROVEMENTS
BID #25232 PW #2020.130
LAKE COUNTY, IL

GENERAL NOTES, SCHEDULES, AND STANDARD DETAILS
CIVIL

DONOHUE

Sheet No.

57

Drawing No.

999-C-7

Revision Number	Revision Description	Drawn By	Checked By	Date
1	ADDENDUM NO. 1	MLM	KRB	08/15/2025