

CITY OF LEAVENWORTH
PUBLIC WORKS DEPARTMENT
100 N. 5th ST.
LEAVENWORTH, KS 66048
(913) 684-0375 – Fax (913) 682-1521

ADDENDUM NO. 2

4th Street/US 73 (Choctaw to Seneca) Street Improvements
Leavenworth Project No: 2022-939
Project Bid Date: June 4, 2024 @ 3:00 p.m.

Addendum Issued: May 29, 2024

TO: All Plan Holders and Plan Rooms

ADDENDUM NO. 2, CONSISTS OF this 1 page and the following 7 pages (8 Total)

1. **BID PROPOSAL** form has been revised and is attached to this addendum. It replaces the original version.
 - a. Quantity for “Unclassified Excavation” has been reduced
 - b. Quantity for “Compaction of Earthwork (Type AA)(MR-3-3)” has been reduced
 - c. Bid item 11 has been adjusted to read “KDOT Type 10 Curb Inlets (various sizes)” and the quantity increased
 - d. The “Grate Inlet (2’x2’)” bid item has been removed
 - e. A bid item for “Colored & Stamped Concrete Pavement (10.5”)” has been added
 - f. Quantity for “Concrete Pavement (10.5” Uniform)(AE)(NRDJ)” has been reduced
 - g. Quantity for “Colored & Stamped Concrete Pavement (4”)” has been reduced
 - h. Other bid items have minor changes in quantities
2. **Q & A** summary has been provided to address different questions received from potential bidders. The responses are considered material to the guidance given to bidders and have a binding impact during construction. Several items are also addressed in other ways in this addendum.
3. **CONSTRUCTION PLANS** are revised to replace Sheet 80 with the attached updated versions of this sheet. The revision reduces the required depth of the pole foundation to be 13 feet (revised from originally required 22 feet).

Bidders sign below and attach to bid acknowledging receipt of Addendum No. 2

Bidder: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

By: _____

Title: _____

BID PROPOSAL (REVISED)

(Must either be typewritten or in ink; all others will be rejected)

June 4th, 2024
Leavenworth, Kansas

To: The Board of Commissioners of the City of Leavenworth, Kansas

The undersigned bidder proposes to accomplish the **City of Leavenworth Project No. 2020-939 “4th Street/US 73 (Choctaw to Seneca) Street Improvements”** including any and all work and material that may be necessary to complete the same according to the plans and specifications on file in the City Clerk's office and the rules, ordinances and regulations of the City and statutes of Kansas governing contracts with cities for public work and under the direction and to the satisfaction of the Board of Commissioners and City Engineer, at the following rates, to-wit:

4th Street/US 73 (Choctaw to Seneca) Street Improvements Project No. 2022-939

BASE BID SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	Mobilization	LS	1		
2	Construction Staking	LS	1		
3	Removal of Existing Structures	LS	1		
4	Unclassified Excavation	CY	724		
5	Compaction of Earthwork (Type AA)(MR-3-3)	SY	1,919		
6	Adjustment of Fire Hydrant	Each	3		
7	Adjustment of Meter Box (Water)	Each	8		
8	Adjustment of Valve Box (Gas)	Each	4		
9	Adjustment of Valve Box (Water)	Each	12		
10	Storm Sewer (18") (RCP)	LF	161		
11	KDOT Type 10 Curb Inlet (various sizes)	Each	14		
12	Storm Manhole (4' and 5' dia.)	Each	12		
13	Concrete Sidewalk Construction (4")(AE)	SY	2,065		
14	Concrete Sidewalk Construction (6")(AE)	SY	118		
15	ADA Ramp	SY	374		
16	Structural Support Under Sidewalk (in vaults)	LS	1		
17	Concrete Curb and Gutter (Type III)	LF	3,280		
18	Concrete Doweled Curb (Type DC)	LF	78		
19	Granular Base (AB-3) (4")	SY	297		
20	Granular Base (6")	SY	1,782		
21	Concrete/Asphalt Milling (2")	SY	5,295		
22	Asphalt Surface Course (2")	SY	5,885		
23	Tensar Glaspave Geomaterial	SY	5,885		

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
24	Colored & Stamped Concrete Pavement (4")	SY	240		
25	Colored & Stamped Concrete Pavement (10.5")	SY	413		
26	Concrete Pavement (6" Uniform) (AE) (Plain)	SY	297		
27	Concrete Pavement (8.5" Uniform) (AE) (NRDJ)	SY	578		
28	Concrete Pavement (10.5" Uniform) (AE) (NRDJ)	SY	1,341		
29	Temporary Surfacing (Aggregate)	SY	1,000		
30	Permanent Signs	LS	1		
31	Permanent Pavement Markings	LS	1		
32	Electric Lighting System	LS	1		
33	Traffic Signal Improvements (per Intersection)	Each	3		
34	Traffic Control	LS	1		
35	Temporary Erosion Control	LS	1		
36	Seeding/Sodding	LS	1		
37	Replace Ring & Cover	Each	5		
TOTAL BASE BID					
COMPANY NAME:			BIDDER NAME:		

The contract award selection will be based on the qualified bidder with the lowest Base Bid.

_____ HEREBY agrees that the City of Leavenworth has a right to reject any and all bids or parts thereof. The undersigned bidder herewith deposits with the City Clerk the sum of _____ \$ _____ Dollars (Certified check, cashier's check or acceptable bid bond) and makes this bid on the condition and agreement that if said bidder shall fail to enter into a contract to do said work and file good and sufficient bonds as required by law on account of the work awarded to said bidder with the City Clerk within ten (10) working days after said work shall have been awarded to said bidder, that said deposit shall therefore be forfeited to the City of Leavenworth as and for liquidated damages by reason of such failure and that said award may be rescinded and contract awarded to the next lowest responsive bidder. **Award will be based upon the base bid.**

Completion date to be **November 15, 2024** after the City Engineer has given "Notice to Proceed" or liquidated damages shall be in accordance with Table 1 in Section 58 of the General Conditions (unless modified in the Special Conditions) of this document for each calendar day until project completion. **Late Start Date shall be July 15th, 2024.**

**4th Street/US 73 (Choctaw to Seneca) Street Improvements
Project No. 2022-939**

Bidder: _____

FEIN: _____

Address: _____

By: _____ Title: _____

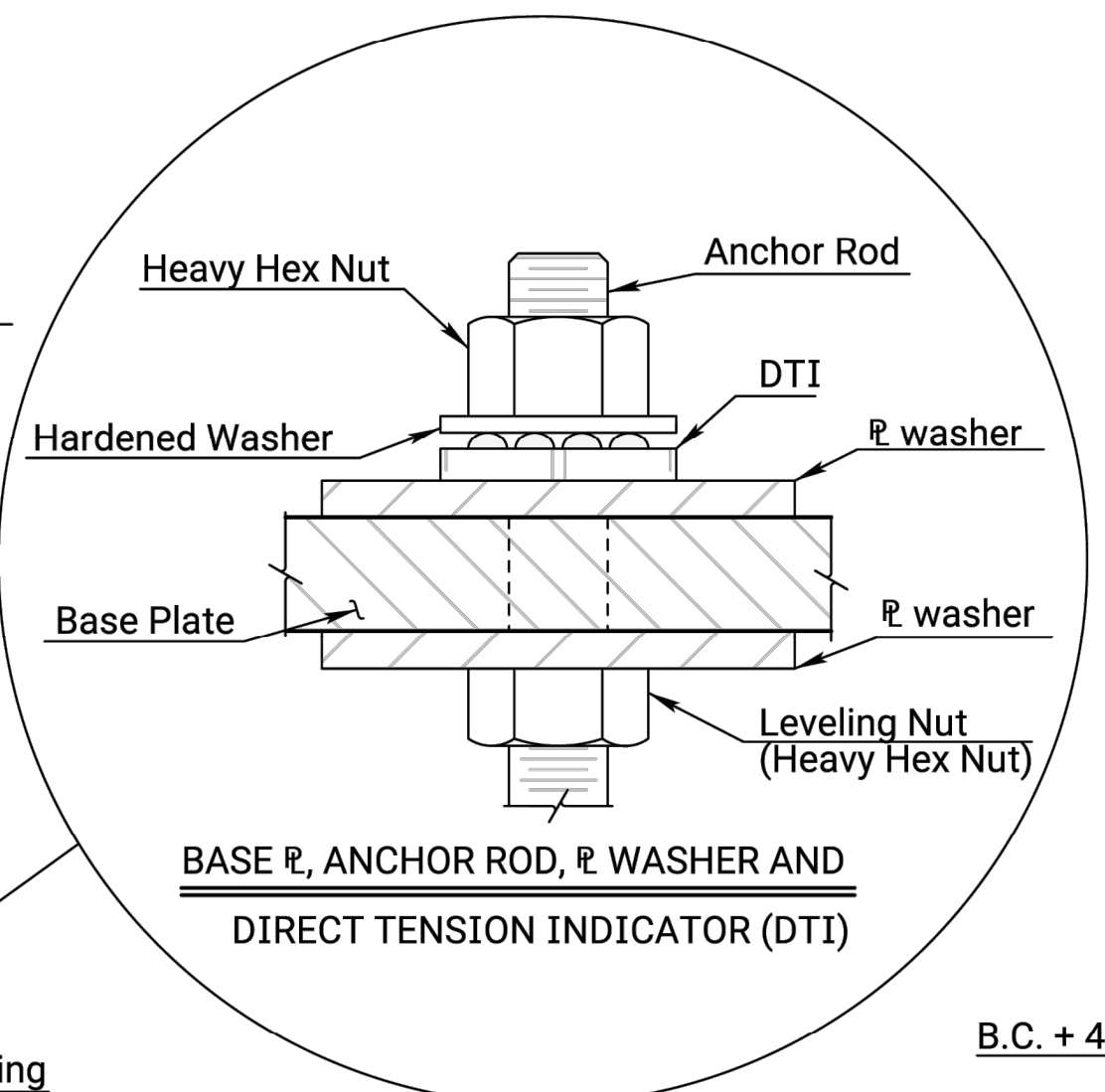
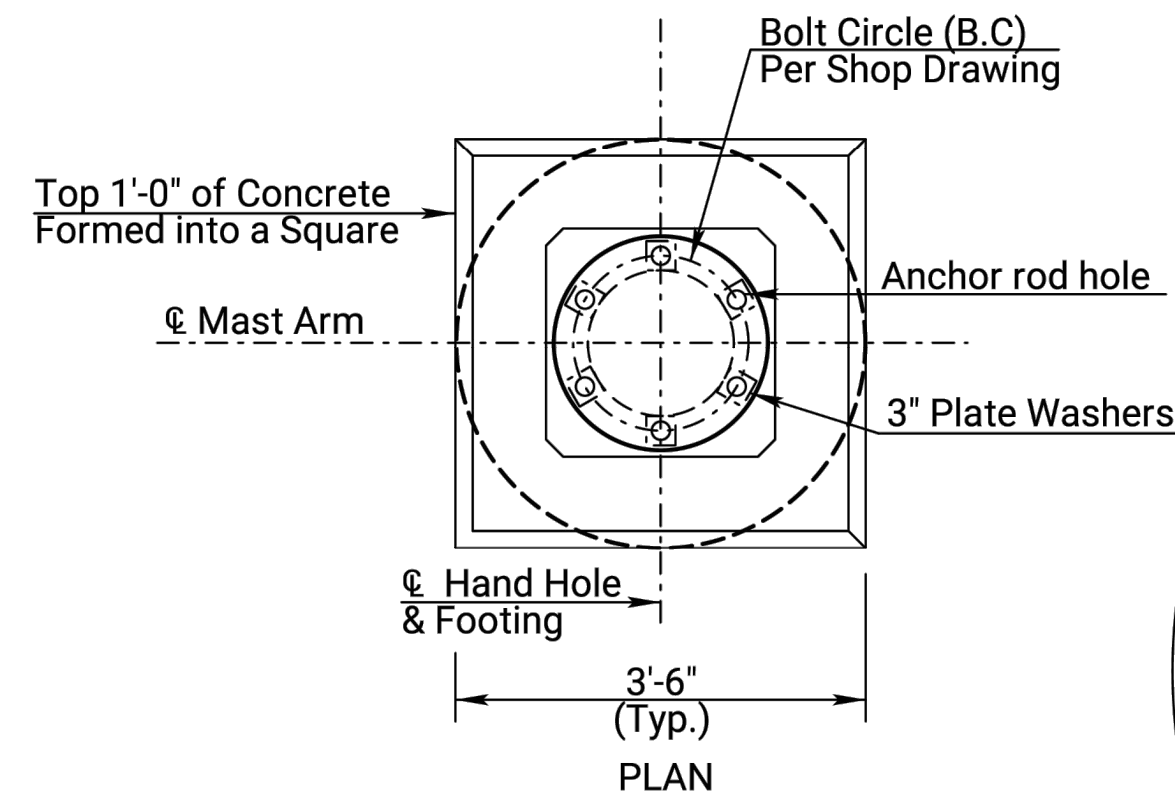
Telephone No: _____ Fax No: _____

Email Address: _____

BIDDER QUESTIONS AND RESPONSES

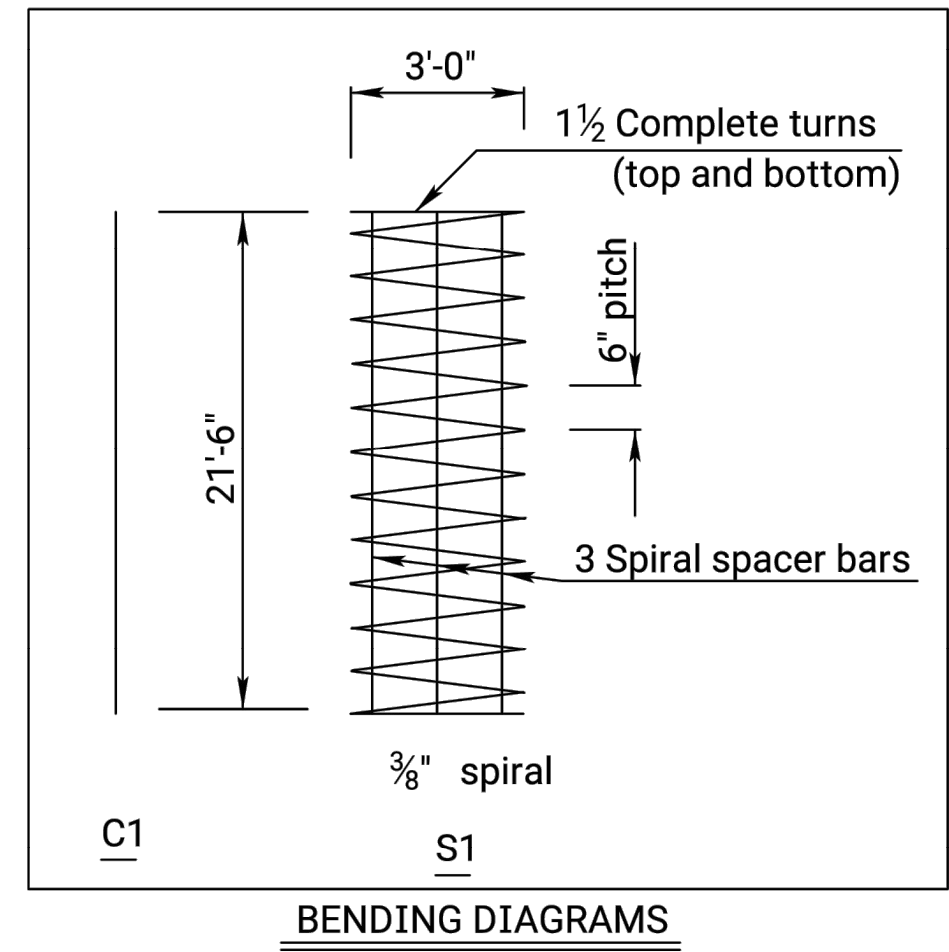
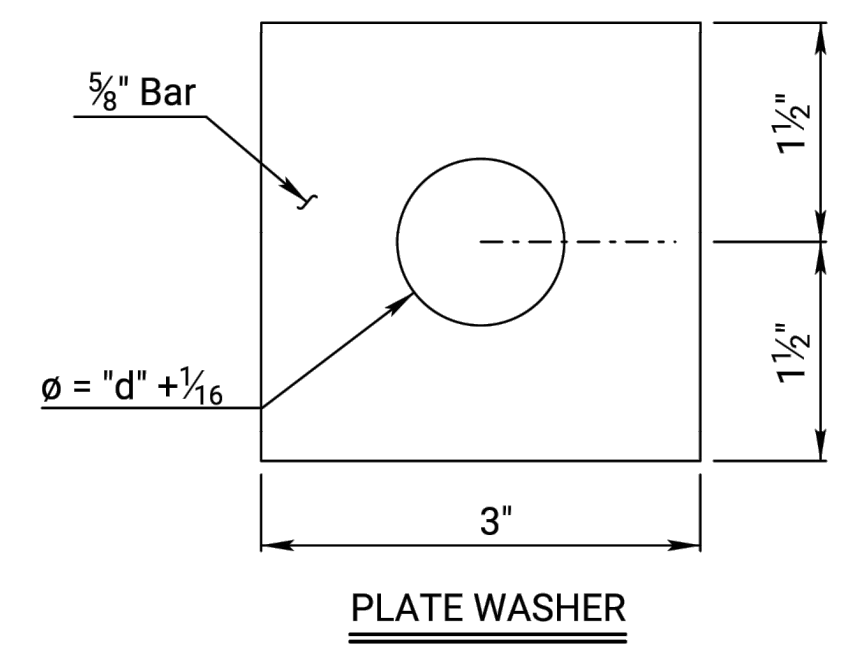
1. Item 26 – 6” Pavement – This item covers all Concrete Driveways, correct?
 - This is correct, Line Item 26 covers all concrete driveways as drafted in the plans.
2. There is a thickened edge along the 4” sidewalk. This edge is called out as 6” concrete but does not fit into the SY of the 6” concrete pay items. Is this thickened edge captured in another pay item?
 - This interior edge of sidewalk will be classified under “Colored & Stamped Concrete (4”)”, along with the crosswalks and the median island located approximately at STA 16+00 resulting in approximately 653 SY
3. Additionally, is this edge meant to be poured with the 4” concrete, like a traditional thickened edge, or separated by a joint?
 - This will be separated by a joint and poured separately from plain grey sidewalk .
4. Between Cherokee & Choctaw, there is one concrete driveway to be put into place. However, there are currently two driveways at this business location. Should we replace both driveways, or just one driveway?
 - The driveway not called out in plans to be replaced shall be removed and replaced as sidewalk.
5. Sheet 11 - The concrete driveway on the east side of 4th St. is not the same design as what is currently in place. Should the new driveway match what exists or conform to what is shown in the plans?
 - The US Postal Service requested a larger radius in the existing driveway to accommodate semi-truck turning wheel path.
6. Item 19 – Dowelled Curb – This is the curb that goes around the median, correct?
 - Yes, see sheet 38 in plan set for raised median detail.
7. Item 4 – Unclassified Excavation – Is this item for the excavation for Item 17 (Structural Support Under Sidewalk)?
 - This would account for the rock/pavement removal of pavement plus an estimated amount of excavation associated with the “Structural Support Under Sidewalk” bid item. Please note that Addendum #2 reduces the quantity for “Unclassified Excavation”.
8. For items 6 – 9, are these items just meant to capture adjustments that may need to occur because of the new sidewalk & pavement? Or is there something more specific that needs to be done?
 - These line items were an estimate of potential adjustments that may be identified as necessary during construction.
9. Item 28 – 10.5” Pavement – My take off shows around 1,300 SY of this based off the “Concrete Pavement” Shown on the plans. If I include the “Full Depth Pavement, with 2” Asphalt” I get right around 1,700 SY matching the quantity given. Does this pay item include both of these?

- This quantity is based on the Concrete Pavement hatching as shown in plans at each of the three intersections (Cherokee, Delaware, Shawnee) plus the colored/stamped concrete crosswalks. Addendum #2 separates quantities for the plain 10.5" Concrete Pavement in the intersections from the colored/stamped 10.5" Concrete crosswalks and adds a line item for the crosswalks.
10. Item 25 – Colored & Stamped Concrete Pavement 4" – I have only found 415 SY of this pay item, I only see it called out in the intersection walkways. Is there another place where this colored concrete needs to be placed?
- Yes, colored/stamped concrete is to be placed in-between the back-of-curb and edge of proposed sidewalk.
11. Item 27 – 8.5" Pavement – I do not see this called out anywhere, does this go under the Colored & Stamped Pavement? Or does this go under the "Full Depth Pavement, With 2" Asphalt"?
- This quantity would accommodate the 1' strip off of the gutter and near intersections (adjacent to crosswalks) where hatched in plans, see sheet 7 for detail.
12. Item 17 – Structural Support Under Sidewalk – Is this an exact remove and replace? Or are the new metal beams, metal deck and concrete wall completely new? Do you know what is underneath the sidewalk that needs to be demolished and removed?
- This work will install new beams, deck and support walls to replace the existing structural supports (which are to be removed).
- a. Are you concerned at all about shoring for the building?
- i. There were no obvious concerns about shoring the building, but the Contractor shall satisfy themselves as to the needs during construction.
- b. The plans do not show the pavement in this area being removed. But all the paving in this area will need to be fully removed to install these new concrete structures.
- i. Any pavement removal would be subsidiary to this bid item. New full-depth pavement replaced due to this work will be measured in the field and added to the pay quantities for the appropriate concrete pavement bid item.
13. Depth of Signal Pole Foundations
- Addendum #2 revises the plans to only require traffic signal pole foundations to be 13' deep (not 22' deep).
14. Temporary Surfacing Aggregate – Is this just to be used as needed?
- This is an estimated amount of material that is intended to be used as needed and field measured for actual pay quantities.



Δ DTI Acceptable Range of Compression Load

Δ DTI (Kips)	Anchor Rod Size
59.6 to 65.9	1 3/4"



Design Specifications:

AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals, Sixth Edition 2013 and Current Interims

Reinforced Concrete Design - AASHTO Standard Specifications for Highway Bridges, 17th Edition

Design Loading:

Standard footing design loading included structure with mast arm length up to 60'. If a longer mast arm is required the foundation plan and design calculations must be submitted to KDOT for review.

Unit Stresses:

Concrete (Grade 4.0) f'c = 4,000 psi
 Reinforcing Steel (Grade 60) Fy = 60,000 psi
 Anchor Rod (ASTM F1554, Grade 55) Fy = 55,000 psi

Foundation Data:

φ = 20°
 c = 0 psf

NOTE: Max. values used in the design, unless a geotechnical investigation was performed and laboratory testing showed higher phi and c values for the foundation soils.

GENERAL NOTES

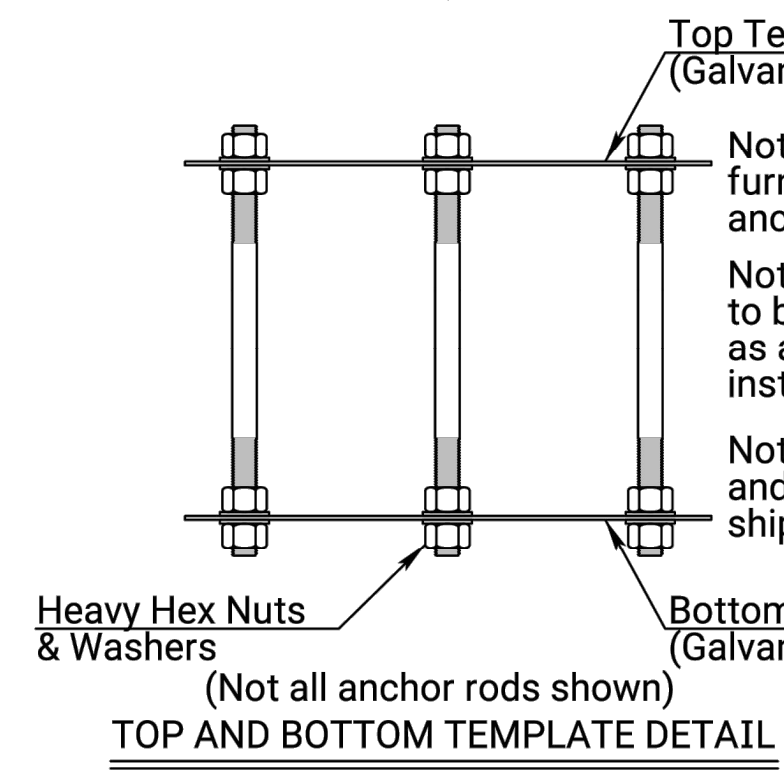
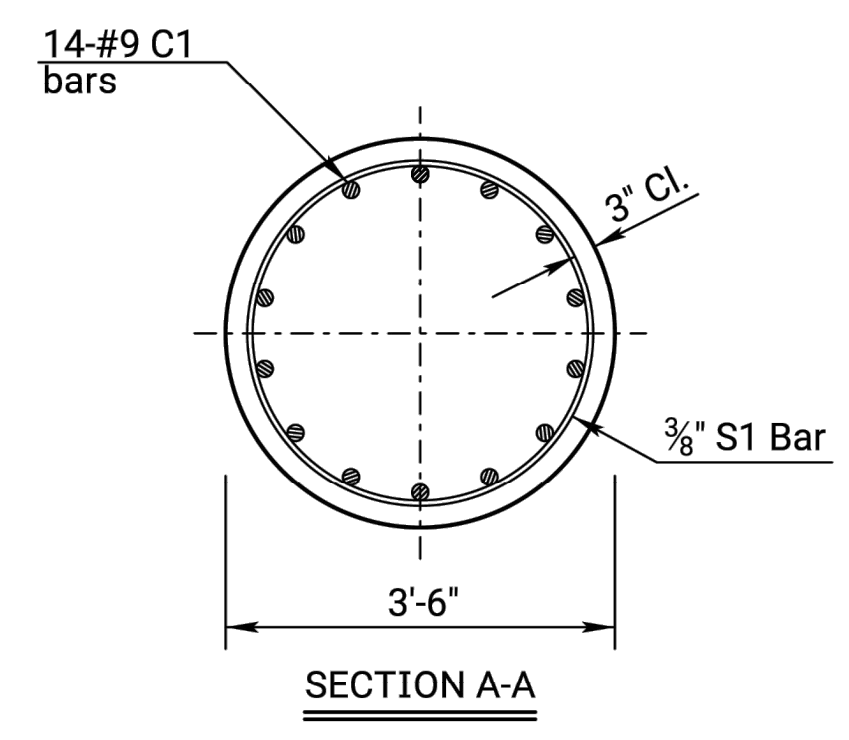
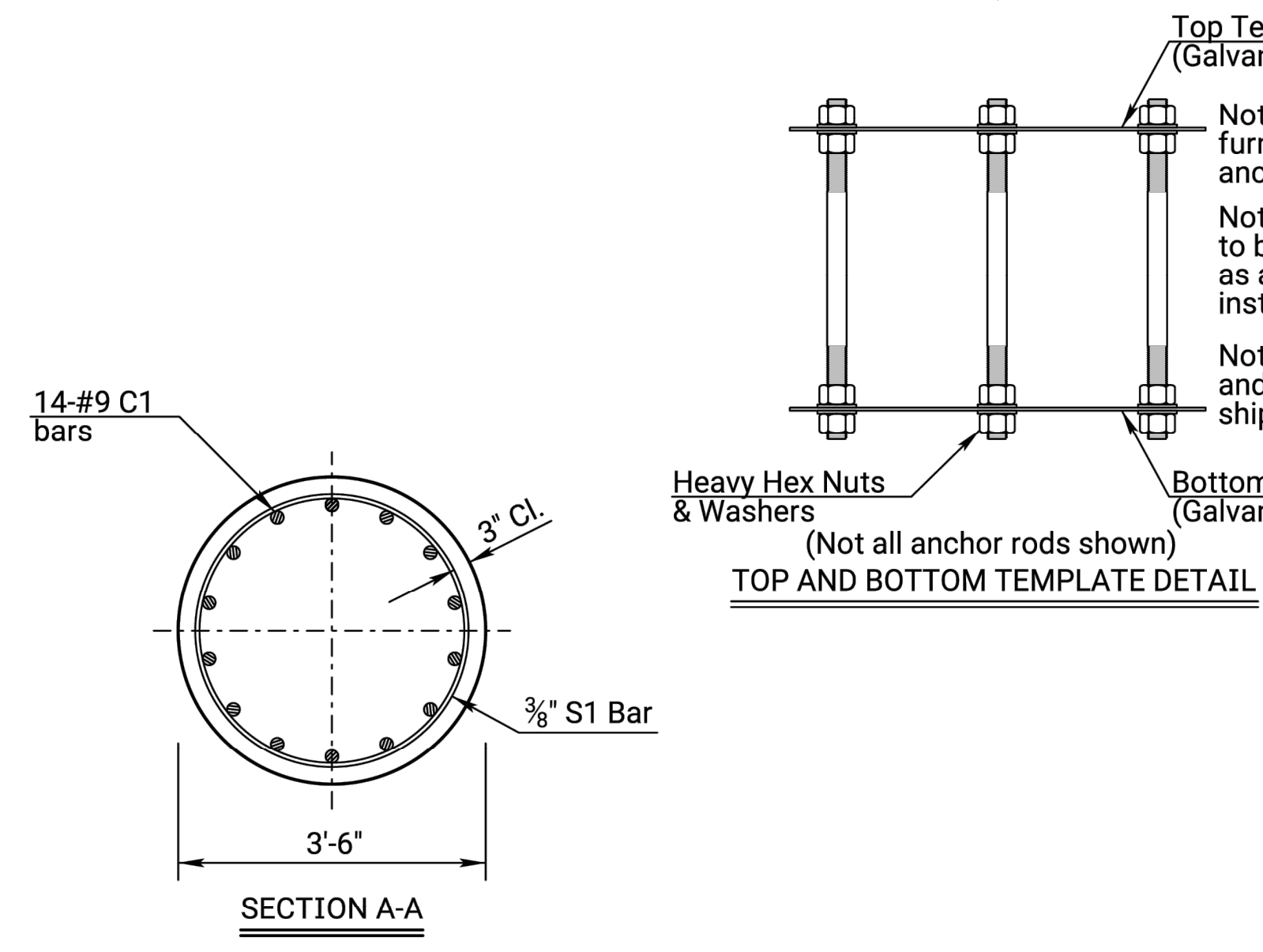
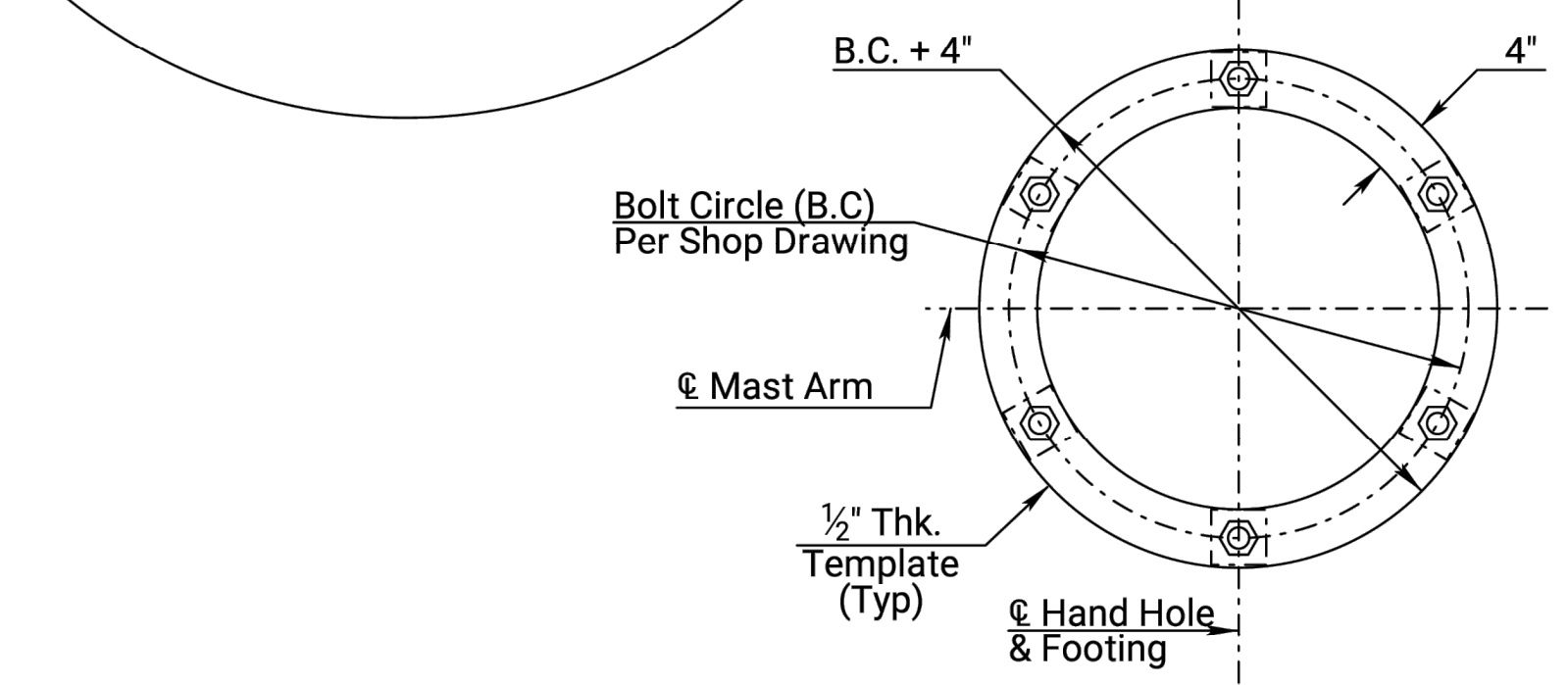
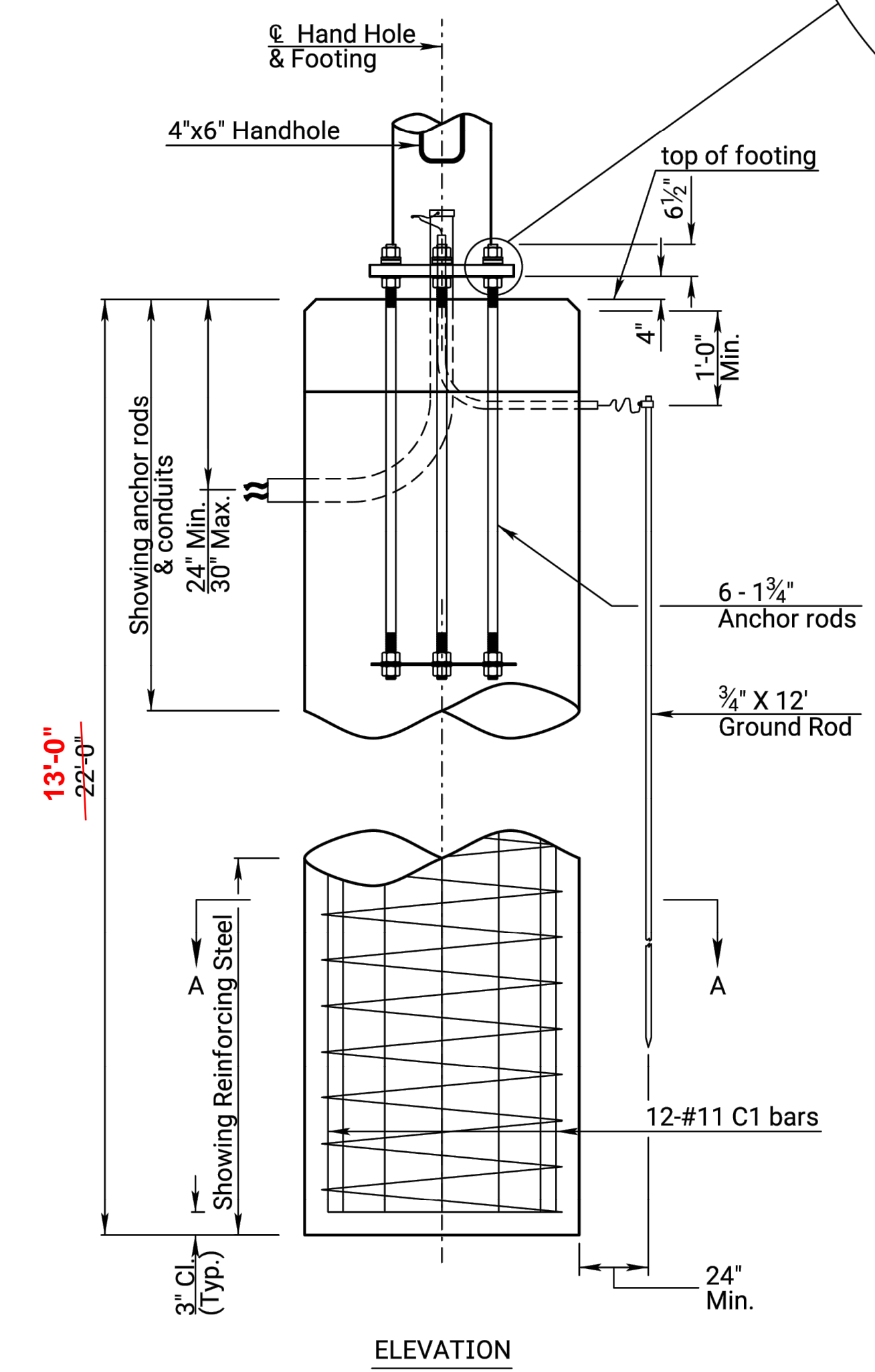
Anchor rod hardware conforming to ASTM A563 heavy hex nuts, ASTM A709 grade 50 plate washers, ASTM F436 flat washers, and ASTM F2437 DTI washers with a compression load that complies with the DTI Acceptable Range of Compression Load, as shown in the table

All high strength bolts, anchor rods (entire length), steel fasters and hardware shall be galvanized.

Poles and Mast Arms shall be constructed per section 814 of the Standard Specifications for State Road & Bridge Construction, and contract plans.

Drilled shafts shall be constructed according to Drilled Shaft (Special).

Excavate and cast footing to neat lines except to 1'-0" (+/-) which shall be formed. Immediately before placing any concrete, the contractor shall remove all loose material from the bottom of the hole. All soil used for backfilling around the top of the footing shall be thoroughly compacted as it is placed. All excess excavation shall be disposed of as approved by the engineer.



NO.	DATE	REVISIONS	BY	APPD

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MAST ARM STRUCTURE STANDARD FOOTING

SL156

DESIGNED V.T. DETAILED E.C.M. QUANTITIES TRACED
 DESIGN CK. K.M.P. DETAIL CK. V.T. QUAN CK. TRACE CK.

Mark A. Hurt

Design: CTD Drawn: CTD
 Checked: R.JG
 Issue Date: 05/06/24
 Project Number: 031930.02

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4TH STREET RECONSTRUCTION LEAVENWORTH, KANSAS TRAFFIC SIGNAL MAST ARM STANDARD FOOTING DETAIL

EHC
 CIVIL ENGINEERING / SURVEYING / UTILITIES
 7101 College Blvd., Suite 400
 Overland Park, Kansas 66210
 p. 913.663.1900
 REG. ENGINEER IN THE STATE OF KANSAS

RANDALL JAY GORTON
 LICENSED PROFESSIONAL ENGINEER
 16020
 05/08/24
 KANSAS

Rev.	Date	Description

By: 105