Department of Public Works
Engineering Division
602 S Main Street
Joplin, Missouri 64801
417-624-0820

May 8, 2025

CITY OF JOPLIN
Zora Phase 2 Street Improvements

Addendum No. 2

Contract Bidders:

Enclosed is Addendum No. 2 for the above referenced project. Please execute, attach, and submit this Addendum No. 2 with your bid.

City of Joplin

Rob Beachner,
Project Manager

The undersigned hereby acknowledges receipt of this addendum, which by this reference is hereby incorporated in and becomes a part of the Contract Documents for the above referenced project.

_____

Company Name

_____

Signature

_____

Printed Name, Title

May 8, 2025

ADDENDUM NO. 2

PROJECT: Zora Phase 2 Street Improvements
Joplin, Missouri

BID OPENING: 2:00 p.m., May 15, 2025
602 S Main St.
4th Floor
Joplin, Missouri

This addendum forms a part of the Bid Documents for the project described above. The original Bid Documents and any prior addenda remain in full force and effect except as modified by the following, which shall take precedence over any contrary provision in the prior documents. The following clarifications are made:

Clarifications

1. There is **no** DBE goal for the project.
2. Added line Item #60 Channelizer (Trim Line) – 125 EA
3. Revised the Asphalt Tack Coat quantity to 5814 Gal. This was required for 3 lifts of asphalt base per the City's Specs.
4. Prevailing Wage Order #31 shall be followed.

Plan Sheets

The following plan sheets have been updated and included with this addendum.

1. Sheet 11 – Summary of Quantities (RECAP)
2. Sheet 12 – Summary of Quantities – Revised Construction Signs Table

Revised Documents

1. Bid Form

In order to have a valid bid proposal, this addendum must be acknowledged and returned with your bid proposal.

If you have any questions concerning this addendum, please feel free to contact Jonathan Peitz at (417) 885-1763.

Jonathan Peitz, P.E.
Project Engineer
Olsson

	ZORA STREET IMPROVEMENTS - PHASE 2				
	INVITATION FOR BID #				
	BASE BID				
ITEM NO.	**DESCRIPTION**	**UNIT**	**ESTIMATED QUANTITY**	**Unit Cost**	**Total**
1	Mobilization	LS	1	$	$
2	Contractor Furnished Construction Staking and Surveying	LS	1	$	$
3	Miscellaneous Demolition & Removal	LS	1	$	$
4	Clearing & Grubbing / Tree & Brush Removal	LS	1	$	$
5	Existing Road Pavement Removal (Full Depth)	SY	15043	$	$
6	Existing Storm Removal	LF	312	$	$
7	Unclassified Excavation	CY	12831	$	$
8	Embankment	CY	6297	$	$
9	Embankment (Contractor Furnished)	CY	252	$	$
10	Backfill of Unsuitable Material*	CY	2962	$	$
11	Removal of Unsuitable Material*	CY	2962	$	$
12	Driveway Approach Concrete (8" Concrete) (Incl. 4" MoDOT Type 5 Aggr. Base)	SY	410	$	$
13	Driveway Asphalt Surface (6" MoDOT Bituminous Base)	SY	355	$	$
14	Driveway Gravel Surface (6" MoDOT Type 1 Aggr. Base)	SY	142	$	$
15	Asphalt Tack Coat	GAL	5814	$	$
16	Aggregate Base (8" MoDOT Type 5)	SY	33677	$	$
17	Asphaltic Concrete Surface (2") (MoDOT BP-1)	TONS	2725	$	$
18	Asphaltic Concrete Base (8")	TONS	10955	$	$
19	Temporary Surfacing Material (HMA MoDOT BP-1)	TONS	52	$	$
20	Temporary Surfacing Material (Aggregate)(MoDOT Type 1)	TONS	158	$	$
21	Rock Blanket	SY	133	$	$
22	MoDOT Paved Ditch	SY	40	$	$
23	Joplin Standard Upright Curb & Gutter	LF	2088	$	$
24	15" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	245	$	$
25	18" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	76	$	$
26	18" Class V RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	20	$	$

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	Unit Cost	Total
27	24" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	343	$	$
28	30" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	142	$	$
29	30" Class V RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	20	$	$
30	36" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	82	$	$
31	60"X36" Class III RCBC (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	132	$	$
32	34"X22" Class III HERCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	64	$	$
33	38"X24" Class III HERCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	59	$	$
34	15" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	9	$	$
35	18" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	$	$
36	30" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	$	$
37	36" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	$	$
38	Cast-in-Place Headwalls and Wingwalls (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	4	$	$
39	Area Inlet 3'x3' I.D.	EA	2	$	$
40	Area Inlet 4'x4' I.D.	EA	1	$	$
41	Area Inlet 4.5'x4.5' I.D.	EA	2	$	$
42	Area Inlet 10.5'x7' I.D.	EA	1	$	$
43	Type C Curb Inlet 5'x3' I.D.	EA	7	$	$
44	Combination Grated Inlet 7'x 4' I.D.	EA	2	$	$
45	Junction Box 10.5'x3.5' I.D.	EA	1	$	$
46	Seeding, Fertilizing and Mulch	SY	7873	$	$
47	Special Seeding	SY	10461	$	$
48	Erosion Control Culvert Inlet Protection	LF	700	$	$
49	Erosion Control Curb Inlet Protection	EA	14	$	$
50	Erosion Control Biodegradable Ditch Check	LF	1983	$	$
51	Erosion Control Silt Sock	LF	2904	$	$
52	Removal & Resetting Existing Signs	LS	1	$	$
53	Permanent Signage W2-6	SF	6	$	$
54	Permanent Signage W13-1P	SF	14	$	$

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	Unit Cost	Total
55	Permanent Signage R1-1	SF	5	$	$
56	Permanent Signage D3-1	SF	12	$	$
57	Construction Signs	SF	588	$	$
58	Traffic Control Signage Changeable Message Board	EA	8	$	$
59	Traffic Control Signage Type III Barricade	EA	12	$	$
60	Channelizer (Trim Line)	EA	125	$	$
61	Pavement Marking Removal	LF	1158	$	$
62	4" Solid Yellow Thermoplastic Lane Line	LF	12462	$	$
63	4" Broken Yellow Thermoplastic Lane Line	LF	500	$	$
64	4" Solid White Thermoplastic Edge Line	LF	7554	$	$
65	12' Solid Yellow Preformed Diagonal Cross Hatch Marking	LF	106	$	$
66	Solid White Preformed Left Turn Arrow	EA	10	$	$
67	24" Solid White Preformed Stop Bar	LF	19	$	$
68	Barb Wire Fence (4 Strand with Steel T-Posts)	LF	4474	$	$
69	Temporary Barb Wire Fence (Cattle Rated)	LF	4474	$	$
70	48"x24" Class III RCBC (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	136	$	$
		BASE BID TOTAL =		**$**	

RECAPITULATION OF QUANTITIES - BASE BID

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	GOVERNING TECHNICAL SPECIFICATION
1	Mobilization	LS	1	JSP-0400-03
2	Contractor Furnished Construction Staking and Surveying	LS	1	JSP-0400-04
3	Miscellaneous Demolition & Removal	LS	1	JSP-1100-02
4	Clearing & Grubbing / Tree & Brush Removal	LS	1	JSP-1100-01
5	Existing Road Pavement Removal (Full Depth)	SY	15043	City 1100
6	Existing Storm Removal	LF	312	City 1100
7	Unclassified Excavation	CY	12831	City 1200
8	Embankment	CY	6297	City 1200
1 9	Embankment (Contractor Furnished)	CY	252	City 1200
10	Backfill of Unsuitable Material*	CY	2962	City 1200
11	Removal of Unsuitable Material*	CY	2962	City 1200
12	Driveway Approach Concrete (8" Concrete) (Incl. 4" MoDOT Type 5 Aggr. Base)	SY	410	City 3400
13	Driveway Asphalt Surface (6" MoDOT Bituminous Base)	SY	355	City 2200
14	Driveway Gravel Surface (6" MoDOT Type 1 Aggr. Base)	SY	142	JSP-1400-02
15	Asphalt Tack Coat	GAL	1 5814 1	City 2100
16	Aggregate Base (8" MoDOT Type 5)	SY	33677 1	JSP-1400-01
17	Asphaltic Concrete Surface (2") (MoDOT BP-1)	TONS	2725 1	City 2200
1 18	Asphaltic Concrete Base (8")	TONS	10955 1	City 2200
19	Temporary Surfacing Material (HMA MoDOT BP-1)	TONS	52	City 2200
20	Temporary Surfacing Material (Aggregate)(MoDOT Type 1)	TONS	158	JSP-1400-02
21	Rock Blanket	SY	133	JSP-4200-01
22	MoDOT Paved Ditch	SY	40	MoDOT 609
23	Joplin Standard Upright Curb & Gutter	LF	2088	City 3200
24	15" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	245	City 4200
25	18" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	76	City 4200
26	18" Class V RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	20	City 4200
27	24" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	343	City 4200
28	30" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	142	City 4200
29	30" Class V RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	20	City 4200
30	36" Class III RCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	82	City 4200
31	60"X36" Class III RCBC (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	132	City 4200
32	34"X22" Class III HERCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	64	City 4200
33	38"X24" Class III HERCP (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	59	City 4200
34	15" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	9	City 4200
35	18" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	City 4200
36	30" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	City 4200
37	36" RCP FES (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	2	City 4200
38	Cast-in-Place Headwalls and Wingwalls (including trenching, bedding, backfill, gaskets, and concrete collars)	EA	4	City 4400
39	Area Inlet 3'x3' I.D.	EA	2	City 4400
40	Area Inlet 4'x4' I.D.	EA	1	City 4400
41	Area Inlet 4.5'x4.5' I.D.	EA	2	City 4400
42	Area Inlet 10.5'x7' I.D.	EA	1	City 4400
43	Type C Curb Inlet 5'x3' I.D.	EA	7	City 4400
44	Combination Grated Inlet 7'x 4' I.D.	EA	2	City 4400
45	Junction Box 10.5'x3.5' I.D.	EA	1	City 4400
46	Seeding, Fertilizing and Mulch	SY	7873	City 5100
47	Special Seeding	SY	10461	JSP-5100-01
48	Erosion Control Culvert Inlet Protection	LF	700	JSP-1000-01
49	Erosion Control Curb Inlet Protection	EA	14	JSP-1000-01
50	Erosion Control Biodegradable Ditch Check	LF	1983	JSP-1000-01
51	Erosion Control Silt Sock	LF	2904	JSP-1000-01
52	Removal & Resetting Existing Signs	LS	1	JSP-2300-01
53	Permanent Signage W2-6	SF	6	JSP-2300-01
54	Permanent Signage W13-1P	SF	14	JSP-2300-01
55	Permanent Signage R1-1	SF	5	JSP-2300-01
56	Permanent Signage D3-1	SF	12	JSP-2300-01
57	Construction Signs	SF	588 1	JSP-6700-01
58	Traffic Control Signage Changeable Message Board	EA	8 1	JSP-6700-01
59	Traffic Control Signage Type III Barricade	EA	12	JSP-6700-01
2 60	Channelizer (Trim Line)	EA	125	JSP-6700-02
61	Pavement Marking Removal	LF	1158	City 2306
62	4" Solid Yellow Thermoplastic Lane Line	LF	12462	City 2306
63	4" Broken Yellow Thermoplastic Lane Line	LF	500	City 2306
64	4" Solid White Thermoplastic Edge Line	LF	7554	City 2306
65	12' Solid Yellow Preformed Diagonal Cross Hatch Marking	LF	106	City 2306
66	Solid White Preformed Left Turn Arrow	EA	10	City 2306
67	24" Solid White Preformed Stop Bar	LF	19	City 2306
68	Barb Wire Fence (4 Strand with Steel T-Posts)	LF	4474	City 2307
69	Temporary Barb Wire Fence (Cattle Rated)	LF	4474	City 2307
1 70	48"x24" Class III RCBC (including trenching, bedding, backfill, gaskets, and concrete collars)	LF	136	City 4200

olsson
Olsson - Civil Engineering
Missouri Certificate of Authority # 001592
1027 S. Main Street, Suite 503
Joplin, MO 64801
TEL 417.781.0643
www.olsson.com

STATE OF MISSOURI
JONATHAN W. PEITZ
NUMBER PE-2017019023
PROFESSIONAL ENGINEER
JONATHAN W. PEITZ-CIVIL ENGINEER
MO# PE-2017019023

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
1	4/22/2025	ADDED ITEMS 9,69; REVISED ITEMS 15-18; REMOVED A2 SHLDR	SMK
2	5/7/2025	ADDED LINE ITEM 60 CHANNELIZER (TRIM LINE), REV. TACK QTY	SMK

SUMMARY OF QUANTITIES

ZORA STREET IMPROVEMENTS - PHASE 2
CITY OF JOPLIN

JOPLIN, MISSOURI

2025

drawn by: SMK/CTK
checked by: CAD
approved by: JWP
QA/QC by: ENG
project no.: 017-0642-R
drawing no.: C_QTY01_R170642
date: 4/9/2025

DWG: F:\2017\0501-1000\017-0642-R\40-Design\AutoCAD\Final Plans\Sheets\GNCV\C_QTY01_R170642.dwg
DATE: May 08, 2025 2:51pm XREFS: C_PTBLK_R170642
USER: skendall

ASPHALT SURFACING QUANTITIES										
STATION TO STATION		LOCATION	SIDE	ASPHALTIC CONCRETE SURFACE (2") (TONS)*	ASPHALTIC CONCRETE BASE COURSE (8") (TONS)*	MODOT TYPE 5 AGGREGATE BASE (8") (SQ. YD.)	ASPHALT TACK COAT (GAL.)**	TEMP SURFACING (HMA MODOT BP-1) (TONS.)*	TEMP SURFACING (MODOT TYPE 1 AGGREGATE) (TONS)*	REMARKS
110+82.18	163+88.55	CL	LT&RT	2725.1	10955.0	25015.2	5814			
121+56.7	163+88.55	CL	LT&RT			8661.7				
147+12	147+46	CL	LT					52		CONNECT EVENT CENTER DRIVE DURING CONSTRUCTION
110+82.18	163+88.55	CL	LT&RT						158	CONNECT DRIVEWAYS DURING CONST.
TOTALS				2725	10955	33677	2 5814	52	158	

CURB AND GUTTER							
STATION	OFFSET	STATION	OFFSET	LOCATION	SIDE	City of Joplin Standard (LN. FT.)	REMARKS
110+82	17.5	112+00	19.0	E. ZORA	LT	118	UPRIGHT CURB
110+82	17.5	112+00	19.0	E. ZORA	RT	118	UPRIGHT CURB
112+00	19.0	117+08	32.0	E. ZORA	LT	515	UPRIGHT CURB
117+41	31.0	120+68	58.0	E. ZORA	LT	371	UPRIGHT CURB
121+08	54.0	121+57	19.0	E. ZORA	LT	86	UPRIGHT CURB
112+00	19.0	112+12	19.0	E. ZORA	RT	12	UPRIGHT CURB
112+38	19.0	112+65	19.0	E. ZORA	RT	27	UPRIGHT CURB
112+90	19.0	115+60	19.0	E. ZORA	RT	270	UPRIGHT CURB
115+86	19.0	121+57	18.8	E. ZORA	RT	571	UPRIGHT CURB
					TOTAL	2088	

DRIVEWAY SURFACING QUANTITIES						
STATION TO STATION		LOCATION	SIDE	GRAVEL SURFACE (6" MoDOT Type 1 Aggr) (SQ. YD.)	ASPHALT SURFACE (6" MoDOT Bit. Base) (SQ. YD.)	APPROACH CONCRETE (8") (SQ. YD.)
112+12	112+38	DRIVE 112+24	RT	17.4	0.0	18.9
112+65	112+91	DRIVE 112+80	RT	0.0	47.9	18.9
113+67	114+32	DRIVE 114+00	LT	0.0	0.0	56.2
115+60	115+86	DRIVE 115+73	RT	26.9	0.0	18.9
116+95	117+53	DRIVE 117+25	LT	0.0	27.3	39.1
123+79	124+01	DRIVE 123+90	LT	38.8	0.0	12.6
125+49	125+83	DRIVE 125+65	LT	0.0	24.0	16.2
126+57	126+87	DRIVE 126+70	LT	0.0	23.7	16.0
127+19	127+62	DRIVE 127+41	LT	26.3	0.0	20.7
128+25	128+58	DRIVE 128+41	LT	22.3	0.0	16.8
132+95	133+21	DRIVE 133+10	LT	0.0	28.3	13.0
143+67	143+92	DRIVE 143+80	LT	0.0	15.0	12.2
143+67	144+12	DRIVE 143+88	RT	10.6	0.0	23.4
147+12	147+46	DRIVE 147+30	LT	0.0	35.2	18.7
149+01	149+35	DRIVE 149+20	LT	0.0	29.3	18.8
151+19	151+63	DRIVE 151+40	LT	0.0	6.6	24.9
162+25	162+79	DRIVE 162+55	RT	0.0	57.4	29.9
163+19	163+51	DRIVE 163+35	RT	0.0	15.9	17.4
163+20	163+52	DRIVE 163+35	LT	0.0	44.2	17.4
TOTALS				142.3	354.8	410.0

ROCK BLANKET			
STATION	LOCATION	SIDE	SQ. YD.
121+08	ZORA STREET	RT	15.5
128+60	ZORA STREET	LT	11.1
131+33	ZORA STREET	LT	44.5
131+36	ZORA STREET	RT	22.2
136+95	ZORA STREET	LT	39.6
	TOTAL		132.9

FLUME INLET & SLOPE DRAIN				
			FLUME INLET	SLOPE DRAIN
STATION	LOCATION	SIDE	(EACH)	(Ft.)
10+31	CENTER LANE	RT	1	
10+31	CENTER LANE	LT	1	
	TOTAL		2	0

PAVED DITCH			
STATION	LOCATION	SIDE	SQ. YD.
156+94	ZORA STREET	LT	39.6
	TOTAL		40

CONSTRUCTION SIGNS					
SIGN	SIZE	AREA	QUANTITY	TOTAL AREA	NOTES
G20-2	48X24	8.00	3	24	END ROAD WORK
R11-2	48X30	10.00	3	30	ROAD CLOSED
W4-2	48X48	16.00	4	64	MERGE (SYMBOL FROM LEFT/RIGHT)
W20-1	48X48	16.00	7	112	ROAD/BRIDGE/RAMP WORK AHEAD
W20-3	48X48	16.00	4	64	ROAD CLOSED AHEAD
W20-5	48X48	16.00	2	32	RIGHT/LEFT LANE CLOSED AHEAD
M4-9	30X24	5.00	5	25	DETOUR
R11-4	60x30	12.50	6	75	ROAD CLOSED TO THRU TRAFFIC
M4-8	30x15	3.13	9	28.17	DETOUR PLAQUE
M4-8A	24x18	3.00	2	6	END DETOUR
SPECIAL SIGN	96x48	32.00	4	128	1 VARIOUS ZORA STREET CLOSED
CHANGEABLE MESSAGE BOARD			8		
TYPE III BARRICADE			12		
2 CHANNELIZER (TRIM LINE)			125		
TOTALS				588.2	

PERMANENT SIGNAGE						
STATION	OFFSET	SIGN NUMBER	SIZE	QUANTITY	SIDE	SQUARE FEET
111+59.81	+21.13	W13-1P	18X18	1	RT	2.3
111+99.35	+20.89	W2-6	30X30	1	LT	6.3
111+99.35	+20.89	W13-1P	18X18	1	LT	2.3
120+15.14	+21.78	W13-1P	18X18	1	LT	2.3
120+68.80	+31.	R1-1	30X30	1	LT	5.2
120+68.80	+31.	D3-1	18X48	2	LT	12.0
121+81.72	+18.31	W13-1P	18X18	1	RT	2.3
153+24.50	+31.41	W13-1P	18X18	1	LT	2.3
160+14.78	+16.3	W13-1P	18X18	1	RT	2.3
					TOTALS	36.9

olsson
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STATE OF MISSOURI
JONATHAN W. PEITZ
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MO# PE-2017019023

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
1	5/1/2025	REMOVED A2 SHLDR, MOVED ERTHWRK TO SH 15, REV ASPHALT	SMK
2	5/7/2025	ADDED CHANNELIZER (TRIM LINE), REVISED TACK QTY	SMK

SUMMARY OF QUANTITIES

ZORA STREET IMPROVEMENTS - PHASE 2
CITY OF JOPLIN

2025

JOPLIN, MISSOURI

drawn by: SMK/CTK
checked by: CAD
approved by: JWP
QA/QC by: ENG
project no.: 017-0642-R
drawing no.: C_QTY01_R170642
date: 4/9/2025

SHEET
12 of 120

DWG: F:\2017\0501-1000\017-0642-R\40-Design\AutoCAD\Final Plans\Sheets\GNCV\C_QTY01_R170642.dwg
DATE: May 08, 2025 2:51pm
XREFS: C_PTBLK_R170642
USER: skendall