

PRAIRIE DELL ROAD IMPROVEMENTS PHASE 2 – ADDENDUM #2
City of Union, MO
Federal Project STP-5433(602)
December 16, 2015

This addendum is hereby made part of the contract documents of the above referenced project. This addendum supplements and/or amends the originally issued documents and all related addenda.

Attachments:

- **Bid date has been changed to Friday, December 18, 2015 at 11 A.M. local time.**
- Revised Bid Form
 - o Item number 7209904 (Modular Block Retaining Wall) was modified to 605 SF.
- Sheet 2A revised to reflect the updated quantities.
- Sheet 2B (4 of 4) revised to reflect the updated quantities.

ACKNOWLEDGEMENT OF ADDENDUM #2

The bidder will acknowledge receipt of this Addendum and acceptance of its conditions by signing this Addendum and including it with the bid.

SIGNATURE: _____

TITLE: _____

COMPANY: _____

DATE: _____

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
	ROADWAY ITEMS:				
2013000	CLEARING AND GRUBBING	LS	1		
2022010	REMOVAL OF IMPROVEMENTS	LS	1		
2031000	CLASS A EXCAVATION	CY	5782		
2036000	COMPACTING EMBANKMENT	CY	3602		
2039907	REMOVAL & REPLACEMENT OF SUBBASE	CY	500		
3040504	TYPE 5 AGGREGATE BASE (4 IN. THICK)	SY	297		
3040509	TYPE 5 AGGREGATE BASE (9 IN. THICK)	SY	12680		
3101002	GRAVEL (A)	TON	48		
4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1)	TON	2759		
4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	2144		
4071005	TACK COAT	GAL	650		
4081010	PRIME-LIQUID ASPHALT RC 70 OR MC 30	GAL	4470		
5021107	CONCRETE PAVEMENT (7 IN. NON-REINF)	SY	61		
6039902	ADJUST TO GRADE WATER VALVE	EACH	7		
6039904	ADJUST TO GRADE HYDRANT	EACH	1		
6042010	ADJUSTING MANHOLE	EACH	8		
6044011	PIPE COLLAR, TYPE A	EACH	1		
6061010	GUARDRAIL TYPE A	LF	50		
6063000A	TERMINAL SECTION - GUARDRAIL (TURNED-DOWN END)	EACH	2		
6063015	TYPE A CRASHWORTHY END TERMINAL	EACH	1		
6071050	CHAIN-LINK FENCE (RETAINING WALLS)	LF	8		
6079903	BARBED WIRE FENCE	LF	1322		
6085007	PAVED APPROACH, 7 IN.	SY	160		
6091010	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	3771		
6092011	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE A	LF	39		
6096020	FURNISHING TYPE 2 ROCK DITCH LINER	CY	301		
6096042	PLACING TYPE 2 ROCK DITCH LINER	CY	301		
6161005	CONSTRUCTION SIGNS	SF	134		
6161010	RELOCATED SIGNS	SF	50		
6161028	CHANNELIZER	EACH	61		
6161030	TYPE III MOVABLE BARRICADE	EACH	4		
6181000	MOBILIZATION	LS	1		
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		
7209904	MODULAR BLOCK RETAINING WALL	SF	605		
7269904	12" CLASS III REINFORCED CONCRETE PIPE	LF	600		
7269905	24" CLASS III REINFORCED CONCRETE PIPE	LF	70		
7269906	30" CLASS III REINFORCED CONCRETE PIPE	LF	204		
7269907	48" CLASS III REINFORCED CONCRETE PIPE	LF	44		

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
7269908	12" CORRUGATED METAL PIPE	LF	25		
7269909	15" CORRUGATED METAL PIPE	LF	20		
7269910	18" CORRUGATED METAL PIPE	LF	26		
7269911	36" CORRUGATED METAL PIPE	LF	30		
7310048	PRECAST CONCRETE MANHOLE - 48 IN.	EACH	1		
7319906	SINGLE CURB INLET, UNTRAPPED	EACH	5		
7319907	DOUBLE CURB INLET, UNTRAPPED	EACH	2		
7329902	12 IN. FLARED END SECTION, REINFORCED CONCRETE PIPE	EACH	6		
7329903	24 IN. FLARED END SECTION, REINFORCED CONCRETE PIPE	EACH	2		
7329904	30 IN. FLARED END SECTION, REINFORCED CONCRETE PIPE	EACH	2		
7329905	48 IN. FLARED END SECTION, REINFORCED CONCRETE PIPE	EACH	1		
8051000A	SEEDING - COOL SEASON MIXTURES	ACRES	2.8		
8061019	SILT FENCE	LF	1290		
8061021	TYPE I DITCH CHECK	EACH	115		
			SUBTOTAL:		
	BRIDGE ITEMS:				
2063300	CLASS 4 EXCAVATION	CY	20		
2163500	PARTIAL REMOVAL OF CULVERT CONCRETE	LS	1		
7034041	CLASS B-1 CONCRETE (CULVERTS)	CY	28		
7061030	REINFORCING STEEL (CULVERTS)	LB	5080		
			SUBTOTAL:		
	SIGNS:				
9039919	BICYCLE WARNING (W11-1)	EACH	2		
9039920	SHARE THE ROAD (W16-1P)	EACH	2		
			SUBTOTAL:		
	PAVEMENT MARKING:				
6206000B	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 4 IN., WHITE	LF	3902		
6206001B	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 4 IN., YELLOW	LF	965		
			SUBTOTAL:		
	LIGHTING:				
9017010	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	620		
9017407	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	4620		
9019902	12x12 IN-GRADE JUNCTION BOX	EACH	1		
9019904	150W HPS LIGHT FIXTURE WITH 14' DECORATIVE POLE	EACH	31		
9019905	10"X3/4" COPPER CLAD GROUND ROD	EACH	31		

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
			SUBTOTAL:		
	PEDESTRIAN FACILITIES:				
6081010	CONCRETE CURB RAMP	SY	155		
6081012	TRUNCATED DOMES	SF	56		
6086004	CONCRETE SIDEWALK, 4 IN.	SY	2283		
			SUBTOTAL:		
			TOTAL:		
TOTAL:	WRITTEN:	NUMBERS:			

SUMMARY OF QUANTITIES			
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4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	2144
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4081010	PRIME-LIQUID ASPHALT RC 70 OR MC 30	GAL	4470
5021107	CONCRETE PAVEMENT (7 IN. NON-REINF)	SY	61
6039902	ADJUST TO GRADE WATER VALVE	EACH	7
6039904	ADJUST TO GRADE HYDRANT	EACH	1
6042010	ADJUSTING MANHOLE	EACH	8
6044011	PIPE COLLAR, TYPE A	EACH	1
6061010	GUARDRAIL TYPE A	LF	50
6063000A	TERMINAL SECTION - GUARDRAIL (TURNED-DOWN END)	EACH	2
6063015	TYPE A CRASHWORTHY END TERMINAL	EACH	1
6071050	CHAIN-LINK FENCE (RETAINING WALLS)	LF	8
6079903	BARBED WIRE FENCE	LF	1322
6085007	PAVED APPROACH, 7 IN.	SY	160
6091010	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	3771
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6096020	FURNISHING TYPE 2 ROCK DITCH LINER	CY	301
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6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1
7209904	MODULAR BLOCK RETAINING WALL	SF	605
7269904	12" CLASS III REINFORCED CONCRETE PIPE	LF	600
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7329905	48 IN. FLARED END SECTION, REINFORCED CONCRETE PIPE	EACH	1
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8061019	SILT FENCE	LF	1290
8061021	TYPE I DITCH CHECK	EACH	115

SUMMARY OF QUANTITIES			
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
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2063300	CLASS 4 EXCAVATION	CY	20
2163500	PARTIAL REMOVAL OF CULVERT CONCRETE	LS	1
7034041	CLASS B-1 CONCRETE (CULVERTS)	CY	28
7061030	REINFORCING STEEL (CULVERTS)	LB	5080
	SIGNS:		
9039919	BICYCLE WARNING (W11-1)	EACH	2
9039920	SHARE THE ROAD (W16-1P)	EACH	2
	PAVEMENT MARKING:		
6206000B	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 4 IN., WHITE	LF	3902
6206001B	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 4 IN., YELLOW	LF	965
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	PEDESTRIAN FACILITIES:		
6081010	CONCRETE CURB RAMP	SY	155
6081012	TRUNCATED DOMES	SF	56
6086004	CONCRETE SIDEWALK, 4 IN.	SY	2283

THE PROFESSIONAL ENGINEER'S SEAL SHALL BE PLACED HEREON AND SHALL REMAIN UNALTERED. ANY ALTERATION SHALL BE AT THE ENGINEER'S RISK. ANY OTHER SEAL OR SIGNATURE SHALL BE AT THE ENGINEER'S RISK. ANY OTHER SEAL OR SIGNATURE SHALL BE AT THE ENGINEER'S RISK.

STATE OF MISSOURI

JARRETT D. JASPER

PROFESSIONAL ENGINEER

12/15/2015

Name: Jarrett Jasper

Discipline: Civil Engineer

License No. 2005005570

Expiration Date: 12-31-2015

DATE PREPARED

12/15/2015

JOB NO.

1324400

FEDERAL PROJECT NO.

STP-5433(602)

SHEET

2A

OF

70

DESCRIPTION

12/8/15

12/15/15

ADDED MODULAR BLOCK WALL

REVISED MODULAR BLOCK WALL

HORNER

SHIFRIN

401 S. 18th St., Ste. 400 - Saint Louis, MO 63103-2296
314-531-4321 • FAX 314-531-6966 • www.HornerShifrin.com
Discipline: Professional Engineering
Category of Authority: 000599
Expiration Date: December 31, 2016

PRAIRIE DELL ROAD
PHASE 2
SUMMARY OF QUANTITIES
SHEET 1 OF 1

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GUARDRAIL								
PLAN SHEET	STATION	STATION	LOCATION	SIDE	CHAIN-LINK FENCE	GUARDRAIL	TERMINAL SECTION – GUARDRAIL	CRASHWORTHY END TERMINAL
					(LF)	(LF)	(EACH)	(EACH)
12	48+52.30	48+73.78	PRAIRIE DELL ROAD	RT			1	1
12	48+53.73	48+80.61	PRAIRIE DELL ROAD	LT	7.9	50.0	1	
			TOTAL		7.9	50.0	2	1
			USE		8	50	2	1

BARBED WIRE FENCE					
PLAN SHEET	STATION	STATION	LOCATION	SIDE	LENGTH
					(LF)
5	11+36.47	14+02.12	PRAIRIE DELL ROAD	RT	268.3
6	18+24.52	19+18.74	PRAIRIE DELL ROAD	RT	97.2
7	20+69.29	23+79.71	PRAIRIE DELL ROAD	RT	312.6
9	30+78.83	34+32.22	PRAIRIE DELL ROAD	RT	354.3
11	42+30.37	45+17.22	PRAIRIE DELL ROAD	RT	289.3
			TOTAL		1321.7
			USE		1322

MODULAR BLOCK RETAINING WALL						
PLAN SHEET	STATION	STATION	LOCATION	SIDE	MODULAR BLOCK RETAINING WALL	REMARKS
					(SF)	
6-7	19+63.67	20+69.35	PRAIRIE DELL ROAD	LT	267.4	
8	28+45.31	29+33.61	PRAIRIE DELL ROAD	LT	337.1	
			TOTAL		604.5	
			USE		605	

CULVERT ITEMS					
LOCATION	CLASS 4 EXCAVATION	PARTIAL REMOVAL OF CULVERT	CLASS B-1 CONCRETE (CULVERTS)	REINFORCING STEEL (CULVERTS)	REMARKS
	(CY)	(LS)	(CY)	(LB)	
PRAIRIE DELL ROAD	20	1	28	5080	
TOTAL	20	1	28	5080	
USE	20	1	28	5080	

THE PROFESSIONAL ENGINEER'S SIGNATURE AND SEAL APPEAR HERE. ASSUME RESPONSIBILITY FOR WHAT APPEARS ON THIS SHEET ONLY. ALL OTHER PLANS, SPECIFICATIONS, REPORTS, AND OTHER DOCUMENTS ISSUED OR REVISIONS BY CONTRACTORS, OWNER OR OTHERS ARE NOT PART OF THE PROJECT FOR WHICH THIS SEAL INDICATES RESPONSIBILITY.

STATE OF MISSOURI

JARRETT D. JASPER

PROFESSIONAL ENGINEER

NUMBER 2005005570

12/15/2015

Name: Jarrett Jasper

Discipline: Civil Engineer

License No. 2005005570

Expiration Date: 12-31-2015

DATE PREPARED

12/15/2015

JOB NO.

1324400

FEDERAL PROJECT NO.

STP-5433(602)

SHEET 2B

OF 70

DESCRIPTION

ADDED MODULAR BLOCK WALL

REVISED MODULAR BLOCK WALL

DATE

12/8/15

12/15/15

HORNER SHIFRIN

401 S. 18th St., Ste. 400 • Saint Louis, MO 63103-2296

314-531-4321 • FAX 314-531-6966 • www.HornerShifrin.com

Discipline: Professional Engineering

Professional Seal Authority: 000059

Expiration Date: December 31, 2016

PRAIRIE DELL ROAD
PHASE 2
SCHEDULE OF QUANTITIES
SHEET 4 OF 4

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