

ADDENDUM NO. 1

Sedgwick County Project: Cessna Addition; Turn Lane Improvements


The items contained herein now become a part of the referenced plans and specifications. Please read the following items and acknowledge receipt of this addendum on the Proposal Page Number P-1. NOTE: THIS ADDENDUM MUST BE ACKNOWLEDGED TO CONSTITUTE A VALID BID.

SPECS:

Replace Schedule of Prices sheet SOP-1 with SOP-1R.
(Removing Calcium Chloride bid item)

PLANS:

Replace sheet 9 with sheet 9R.
Replace sheet 10 with sheet 10R.

By: 
David C. Spears, P.E., Director,
Public Works/County Engineer

Date: January 28, 2015

SCHEDULE OF PRICES

PROJECT: Cessna Addition; Turn Lane Improvements

TYPE OF WORK: Grading, Paving, Seeding, Pavement Marking

Bidding Item	Approx. Quantity	Unit	Unit Price	Amount
Clearing and Grubbing	1	L.S.		
Removal of Existing Structures	1	L.S.		
Common Excavation	181	C.Y.		
Rock Excavation	19	C.Y.		
Compaction of Earthwork (Type AA) (MR-3-3)	96	C.Y.		
Compaction of Earthwork (Type B) (MR-90)	1,045	C.Y.		
Common Excavation (Contractor Furnished)	1,161	C.Y.		
Concrete Pavement (8" Uniform) (AE)	663	S.Y.		
Plant Mix Asphalt-Commercial Grade	288	Ton		
Aggregate Shoulder (AS-1) (6")	141	Ton		
Aggregate Base (Special) (6")	642	S.Y.		
Aggregate Base (AB-3) (8")	715	S.Y.		
Milling	403	S.Y.		
Combined Curb and Gutter (Type I) (AE)	100	L.F.		
Drain, Slope (Special) (AE)	40	L.F.		
3.0 Sq. Ft. EP (RCPHE)	24	L.F.		
5.0 Sq. Ft. EP (RCPHE)	142	L.F.		
3.0 Sq. Ft. End Section (RCPHE)	2	Each		
5.0 Sq. Ft. End Section (RCPHE)	2	Each		
Seeding (Temporary)	1	L.S.		
Seeding (Permanent)	1	L.S.		
Temporary Ditch Check	40	L.F.		
Silt Fence	200	L.F.		
Pavement Marking (Paint) (White) (4")	620	L.F.		
Pavement Marking (Paint) (Yellow) (4")	2,690	L.F.		
Pavement Marking (Paint) (Yellow) (12")	130	L.F.		
Pavement Marking Symbol (Thermoplastic) (White) (Left Arrow)	2	Each		
Sign, Remove and Reset	1	Each		
Contractor Construction Staking	1	L.S.		
Traffic Control	1	L.S.		
Grand Total				

In Words:

DOLLARS

Company or Firm Name

BY

TITLE

REVISED SHEET

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	PWCESSNA	2014	9R	33

SUMMARY OF MILLING *			
ROADWAY	STATION TO STATION		QUANTITY (SQ. YDS.)
Ridge Rd.	186+90.00	194+15.00	402.86
Total			402.86

* 2" Nominal

AGGREGATE BASE (SPECIAL)					
STATION TO STATION	ROADWAY	WIDTH	AGGREGATE BASE (SPECIAL) 6" (SQ. YDS.)	QUANTITY (TONS) Δ	
186+90.00	194+15.00	Ridge Rd.	Var.	642.32	225.5
Total				642.32	225.5

Δ Aggregate Base computed at a rate of 156 lbs. per cu. ft.

SUMMARY OF ENTRANCE CONSTRUCTION					
ROADWAY	STATION	SIDE	W (FT.)	P (FT.)	CONCRETE PAVEMENT (8" UNIFORM) (AE) (SQ. YDS.)
Ridge Rd.	191+18.21	Rt.	28	145.93	663.13
Total					663.13

AGGREGATE BASE (AB-3)					
STATION TO STATION	ROADWAY	WIDTH	AGGREGATE BASE (AB-3) 8" (SQ. YDS.)	QUANTITY (TONS) ●	
50+00.00	51+71.94	Dock Entrance	Var.	714.5	334.4
Total				714.5	334.4

● Aggregate Base (AB-3) computed at a rate of 156 lbs. per cu. ft.

COMBINED CURB AND GUTTER (AE)				
ROADWAY	STATION TO STATION	SIDE	TYPE I (FT.)	
Dock Entrance	50+72.04	51+71.94	Rt.	100.02
Total				100.02

DRAINS, SLOPE (SPECIAL)(AE)			
ROADWAY	STATION	SIDE	QUANTITY (LIN. FT.)
Dock Entrance	72+00	Rt.	40
Total			40

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)			
ROADWAY	STATION	SIDE	REMARKS
Ridge Rd.	190+23.00	Rt.	30" x 19" RCPHE

PIPE CULVERT SUMMARY																
ROADWAY	STATION	SIDE	TYPE	MATERIAL	SIZE	CROWN GRADE ELEVATION	FLOWLINE		HORIZ. ROADWAY		DEGREE OF ROTATION	PIPE LENGTH		LINEAR FT. OF PIPE	END SECTIONS	
							LT.	RT.	LT.	RT.		LT.	RT.		LT.	RT.
Ridge Rd.	190+22.00	Rt.	Ent.	RCPHE	3.0' (30"x19")	1310.38	1307.37	1307.01	7.54	7.54	0°	12.00	12.00	24	1	1
Dock Entrance	50+62.72	€	CRP	RCPHE	5.0' (38"x24")	1310.54	1307.80	1307.00	22.77	18.16	16° Lt.	33.35	108.65	142	1	1
Totals														166	2	2

SUMMARY OF SURFACING QUANTITIES													
STATION TO STATION	ROADWAY	WIDENING QUANTITIES							OVERLAY QUANTITIES				
		2" BITUMINOUS SURFACE CONSTRUCTION (PMA) (TONS) *	6" BITUMINOUS BASE CONSTRUCTION (PMA) (TONS) *	AGGREGATE FOR SHOULDERS (AS-1) (TONS) ∅	CALCIUM CHLORIDE FOR SHOULDERS (TONS) ** Δ	NO. OF TACK COATS	SURFACE AREA (SQ. YD.)	EMULSIFIED ASPHALT (SS-IHP) (LBS) □*	2" BITUMINOUS SURFACE CONSTRUCTION (PMA) (TONS) *	NO. OF TACK COATS	SURFACE AREA (SQ. YD.)	EMULSIFIED ASPHALT (SS-IHP) (LBS) □*	
186+90.00	191+18.21	Ridge Rd.	41.17	123.50	85.37	0	1	378.93	157.74	25.86	1	616.73	256.81
191+18.21	194+15.00	Ridge Rd.	19.92	59.76	55.33	0	1	182.91	76.17	17.95	1	347.79	144.82
Totals			61.09	183.27	140.70	0			233.91	43.81			401.63

* Computed at a rate of 145 Lbs. per Cubic Foot.

∅ Computed at a rate of 150 Lbs. per Cubic Foot. Water for Shoulders shall be SUBSIDIARY to "Aggregate Shoulders (AS-1)".

** Computed at a rate of .003726 Tons per Ton of Aggregate. Quantities have been increased 5% for contingencies.

□ Computed at a rate of 0.05 Gal. per Sq. Yd. and 8.328 Lbs. per Gal.

* For Information Only - Emulsified Asphalt shall be SUBSIDIARY to other SURFACING QUANTITIES.

NOTE:
A tack coat of SS-IHP shall be provided between each lift of all base courses and surface courses and under the first lift of base or surface courses when they are placed on an existing asphalt, brick, or concrete surface, when so ordered by the Engineer and at the rate designated by the Engineer.


SUMMARY OF EARTHWORK QUANTITIES												
STATION TO STATION	ROADWAY	COMMON EXCAVATION				COMPACTION		WASTE ∅				
		COMMON		(CONTRACTOR FURNISHED)		TYPE AA (MR-3-3)	TYPE B (MR-90)	COMMON	ROCK			
		(C.Y.)	(V.M.F.)	(C.Y.)	(V.M.F.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)			
186+90.00	194+15.00	Ridge Rd.	181	0.85	1161	0.85	19	-	96	1045	0	19
Totals			181	1161	19	96	1045	0	19			

∅ For Information Only. This material to be wasted on sites provided by the Contractor. Rock excavation waste is for removal of existing asphalt pavement. The amount of waste material encountered in the field may vary from the estimated quantities shown. Handling and disposal of waste material shall not be measured or paid for separately but shall be SUBSIDIARY.

PAVEMENT MARKING		
ITEM	QUANTITY	UNITS
Pavement Marking (Paint)(White)(4")	620	Lin. Ft.
Pavement Marking (Paint)(Yellow)(4")	2690	Lin. Ft.
Pavement Marking (Paint)(Yellow)(12")	130	Lin. Ft.
Pavement Marking Symbol (Heat-Fused Preformed Thermoplastic)(White)(Left Arrow)	2	Each

Δ Jan. 26, 2015 Removed Calcium Chloride Quantities.

SIGN REMOVE AND RESET						
SIGN TYPE	SIGN SIZE	ROADWAY	EXISTING		PROPOSED	
			STATION	SIDE	STATION	SIDE
W3-3	36"x36"	Ridge Rd.	192+21	Rt.	192+20	Rt.

No.		Revision		By		Date	
SEDGWICK COUNTY PUBLIC WORKS RIDGE ROAD IMPROVEMENTS FOR CESSNA ADDITION SUMMARY OF QUANTITIES RIDGE ROAD SEDGWICK CO.							
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com							
Designed by SAC		Job No. 14710		Sheet 9R of 33			
Drawn by CP		Date Dec., 2014					

Date: 1/26/2015 11:26:11 AM
 Plotted By: svb
 File: U:\Wichita\Facilities\2014\14710\000\Tranms\Road\00N Project\Quantities\Revised 14710-Summary of Quantities.dgn

REVISED SHEET


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	PWCESSNA	2014	10R	33

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
Clearing and Grubbing	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Common Excavation	181	Cu. Yd.
Rock Excavation	19	Cu. Yd.
Compaction of Earthwork (Type AA) (MR-3-3)	96	Cu. Yd.
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Common Excavation (Contractor Furnished)	1161	Cu. Yd.
Concrete Pavement (8" UniForm) (AE)	663	Sq. Yd.
Plant Mix Asphalt-Commercial Grade	288	Ton
Emulsified Asphalt (SS-IHP)	0.32	Ton
Aggregate Shoulders (AS-1) (6')	141	Ton
Calcium Chloride	0	Ton
Aggregate Base (Special) (6')	642	Sq. Yd.
Aggregate Base (AB-3) (8')	715	Sq. Yd.
Milling (2" Nominal)	403	Sq. Yd.
Combined Curb and Gutter (Type I) (AE)	100	L.F.
Drains, Slope (Special) (AE)	40	L.F.
3.0 Sq. Ft. EP (RCPHE)	24	L.F.
5.0 Sq. Ft. CRP (RCPHE)	142	L.F.
3.0 Sq. Ft. End Section (RCHE)	2	Each
5.0 Sq. Ft. End Section (RCHE)	2	Each
Seeding (Temporary)	1	Lump Sum
Seeding (Permanent)	1	Lump Sum
Temporary Ditch Check	40	L.F.
Silt Fence	200	L.F.
Pvmt. Marking (Paint)(White)(4")	620	L.F.
Pvmt. Marking (Paint)(Yellow)(4")	2690	L.F.
Pvmt. Marking (Paint)(Yellow)(12")	130	L.F.
Pvmt. Marking Symbol (Heat-Fused Preformed Thermoplastic)(White)(Left Arrow)	2	Each
Sign, Remove & Reset	1	Each
Contractor Construction Staking	1	Lump Sum
Traffic Control	1	Lump Sum

△

△ Jan. 26, 2015 Removed Calcium Chloride Quantities.

Plotted By: svb Date: 1/26/2015 11:29:37 AM
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No.	Revision	By	Date
SEDGWICK COUNTY PUBLIC WORKS RIDGE ROAD IMPROVEMENTS FOR CESSNA ADDITION RECAPITULATION OF QUANTITIES RIDGE ROAD SEDGWICK CO.			
 PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	SAC	Job No.	14710
Drawn by	CP	Date	Dec., 2014
			Sht. 10R of 33