

RFB #18-0060

ADDENDUM NO. 1

**Sedgwick County Project: 604-W½ 16; 61st St. North between
151st & 167th Streets West (R346)**

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.

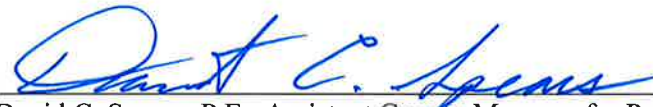
SPECS:

Replace page SOP-1 with SOP-1R.

PLANS:

Replace Sheet 17 with Sheet 17R.

By:



David C. Spears, P.E., Assistant County Manager for Public Works,
Facilities Maintenance & Project Services/County Engineer

Date: January 9, 2019

SCHEDULE OF PRICES

Project: 604-W½ 16; 61st St. North between 151st & 167th Streets West (R346)

Type of Work: Grading, Concrete Surfacing, Seeding, and Pavement Marking

Items	Approx. Quantity	Unit	Unit Price	Amount
Construction Staking	1	LS		
Field Office	1	EA.		
Mobilization	1	LS		
Removal of Existing Structures	1	LS		
Clearing and Grubbing	1	LS		
Common Excavation	4,452	C.Y.		
Rock Excavation	125	C.Y.		
Compaction of Earthwork (Type B)(MR-90)	2,101	C.Y.		
Water (Grading) (Set Price)	1	Mgal.	\$35.00	\$35.00
Manipulation for In-Place Material Subgrade Modification (Cement)(Set Price)	1	C.Y.	\$20.00	\$20.00
Concrete Pavement (8" Uniform) (AE)	586	S.Y.		
Cement Treated Base (Special)(10")	9,322	S.Y.		
Aggregate Base (Special) (10")	427	S.Y.		
Flowable Fill (Low Strength)	26.8	C.Y.		
Surfacing Material (AB-3)	14	TONS		
Aggregate Shoulder (AB-3) (8")	1,194	TONS		
Water (Aggregate Shoulders) (Set Price)	1	Mgal.	\$35.00	\$35.00
Entrance Pipe (18") (RCP)	48	L.F.		
Entrance Pipe (3.0 Sq. Ft.) (RCPHE)	211	L.F.		
Cross Road Pipe (5.0 Sq. Ft.) (RCPHE)	195	L.F.		
End Section (18") (RC)	4	EA.		
End Section (3.0 Sq. Ft.) (RCHE)	6	EA.		
End Section (5.0 Sq. Ft.) (RCHE)	6	EA.		
Temporary Seeding	1	L.S.		
Soil Erosion Mix	0.5	Lbs.		
Erosion Control (Class 2, Type F)	64	S.Y.		
Sediment Removal (Set Price)	1	C.Y.	\$35.00	\$35.00
Temporary Berm (Set Price)	1	L.F.	\$1.00	\$1.00
Biodegradable Log (20")	540	L.F.		

SWPPP Design	1	LS		
Water (Erosion Control)(Set Price)	1	Mgal.	\$35.00	\$35.00
Seeding	1	L.S.		
Pavement Marking (Paint)(White)(4")	5,458	L.F.		
Pavement Marking (Paint)(Yellow)(4")	690	L.F.		
Mailbox Installation (Set Price)	1	EA.	\$140.00	\$140.00
Traffic Control	1	LS		
Work Zone Sign (Special)(16.26 Sq.Ft. & Over)	4	EA.		
SUBTOTAL - Base Bid				

The Contractor is required to bid on at least one of the two alternates below to constitute a valid bid.

Alternate 1 - RCC Surfacing				
Roller Compacted Concrete (8" Uniform)	8,687	S.Y.		
SUBTOTAL - Base Bid				
GRAND TOTAL Alternate 1				

In Words: _____

DOLLARS

Alternate 2 - Concrete NRDJ Surfacing				
Concrete Pavement (8" Uniform) (NRDJ)	8,687	S.Y.		
SUBTOTAL - Base Bid				
GRAND TOTAL Alternate 2				

In Words: _____

DOLLARS

Company or Firm Name

BY

TITLE

Device: AutoCAD PDF (High Quality Print).pc3 Page Setup: ----- By: Packer, Lynn T. O:\Projects\R346\rd051-Summ. Surfacing Plotted: 1/2/2019 11:05 AM

GENERAL NOTE:

On surfacing projects, the 6" of Compaction Type AA, shown for the center portion on the roadbed, is for the purpose of restoring the original Compaction Type AA which may have been lost since grading operations. The exact locations of this Compaction Type AA, which will be required, is to be determined by the Engineer at the time of construction. This work shall be paid under the bid item "Compaction of Earthwork (Type AA) (MR-)".

Over all structures, unless otherwise directed by the Engineer, where the top of the hubguard is level with or above the finished shoulder grade, the earth cover over the structure slab shall be removed and backfilled with _____ material as directed by the Engineer. The removal of this material will be subsidiary.

The _____ material used to backfill over the structure shall be paid for at the prices shown in the contract.

The earth shoulders shall be compacted full depth (Type -MR) except, when ordered by the Engineer, the top 3" shall be left uncompacted for seeding.

All side roads and house entrances shall be surfaced with _____ to the R/W line as indicated on the detail. All side roads and house entrances with existing asphalt surface shall be surfaced with _____ at least to the R/W line or to the end of construction, as directed by the Engineer. Each mailbox turnout (ON PROJECTS WHERE STABILIZED SHOULDERS ARE NOT SPECIFIED) shall be surfaced with _____ to the limits shown on the detail.

Surfacing material (SA-_____) shall be used for surfacing house entrances and side roads (_____. C.Y./SQ. YD.) beyond the limits of the asphalt surface to the limits of construction as determined by the Engineer.

The thickness of side road and entrance surfacing may be increased to the same thickness as the stabilized shoulder within the approximate limits of the shoulder.

On projects which specify both asphalt base and surface course materials, side roads, house entrances and mailbox turnouts may be surfaced with both materials at the contractors option, with the approval of the Engineer.

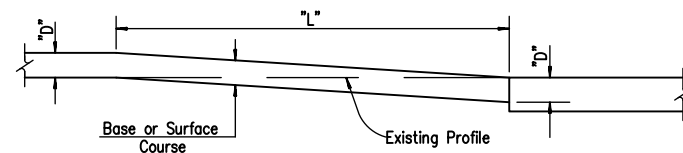
Quantities for aggregate for shoulders, AS-1, are calculated on the basis of 150 lbs. per cu. ft. Quantities for stabilized base course, AB-3, are calculated on the basis of 156 lbs. per cu. ft. Weight/cu. ft. includes moisture allowed by specification.

The base course shall be constructed to the plan thickness as shown.

Thicknesses indicated for all construction which is paid for on a weight or volume basis are approximate and may vary to correct for unevenness in the foundations or for other normal unevenness encountered in placement operations.

A tack coat of SS-1HP 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 him. Quantities are included for these tacks calculated at the rate of 0.05 gal./sq. yd.

Asphalt Material quantities are calculated on the basis of 8.328 lbs. per gal. Shoulder rumble strips will not be constructed as part of this project.



TYPICAL PROFILE AT GRADE CONTROL POINTS

The Contractor shall cut the subgrade in accordance with this profile at all grade control points, i.e.; existing pavements, grade bridges and R.R. crossings, also at changes in thickness of base or surface courses. Corresponding dimensions of "D" and "L" shall be as given in the table below.

The work of cutting the subgrade and disposing of excess excavated material shall be subsidiary to other items in the contract.

TABLE OF DIMENSIONS											
D	L	D	L	D	L	D	L	D	L	D	L
1"	25'	3"	75'	5"	125'	7"	175'	9"	225'	11"	275'
2"	50'	4"	100'	6"	150'	8"	200'	10"	250'	12"	300'

SUMMARY OF GRAVEL ENTRANCE PAVEMENT							
STATION	SIDE	TYPE	"L" (Ft.)	"W" (Ft.)	"R" (Ft.)	6" AB-3 ENTRANCE (S.Y.) †	6" AB-3 ENTRANCE (TONS) §
36+99	Lt.	IV	25	12	12	38.8	13.6
TOTALS						38.8	13.6

NOTE: See Sh. No. 16 for concrete entrance pavement quantities.
 § Computed at the rate of 156 lbs/ft³.
 † For Information Only.

SUMMARY OF AB-3 SHOULDERS						
STATION TO STATION		SIDE	WIDTH	8" AGGREGATE SHOULDER (AB-3) † (S.Y.)	8" AGGREGATE SHOULDER (AB-3) ‡ (TONS)	WATER (AGG. SHLDR) † (M. GAL.)
9+25	11+57.50	Lt.	Var.	114.0	56.0	2.7
9+25	11+57.50	Rt.	Var.	105.3	51.8	2.5
11+57.50	37+25	Lt.	4'	1,100.6	540.8	26.5
11+57.50	37+25	Rt.	4'	1,109.7	545.3	26.7
TOTALS				2,429.6	1,193.9	58.6

‡ Computed at the rate of 156 lbs/ft³ and increased for contingencies 5%.
 † FOR INFORMATION ONLY.
 NOTE: Water computed at the rate of 0.0241 M.Gal. per ton of AB-3. Set Price bid item.

RATES OF APPLICATION			
RATE	UNIT	ITEM	
	Ton		per In./Sta.
	Ton		per In./Sta.
	Gal.		per sq. yd.

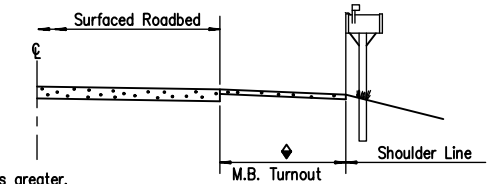
† Computed at the rate of 145 lbs/ft³ (Total mix-aggregate and asphalt)

RECAPITULATION OF QUANTITIES			
ITEM	TOTAL	UNIT	
Surfacing Material (AB-3)	14	TONS	
Aggregate Shoulder (AB-3) (8")	1,194	TONS	
Water (Aggregate Shoulders) (Set Price)	1	M.GAL	

1/02/19 Revised quantities for aggregate shoulder.

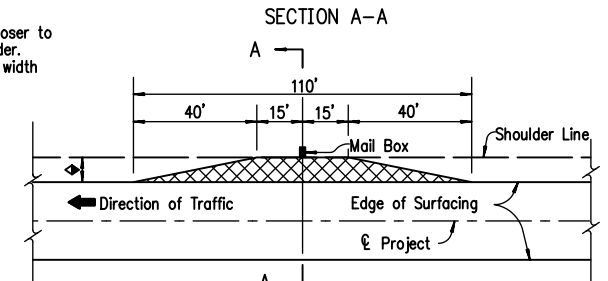
REVISED PLANS

STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	R346	2018	17R	47

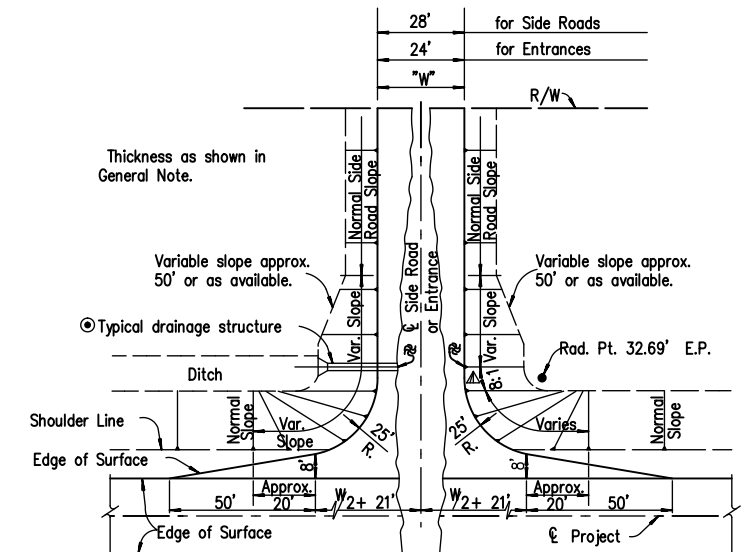


Width shall be 8' or shoulder width, whichever is greater.

Note: The face of Mail Box should be no closer to the roadway than the edge of the shoulder. Align with edge of turnout when turnout width is greater than shoulder width.



DETAIL FOR SURFACING OF MAIL BOX TURNOUTS



WITH DRAINAGE STRUCTURE MOUND ENTRANCE OR SIDE ROAD
 DETAIL FOR SURFACING OF SIDE ROADS & HOUSE ENTRANCES

△ 8:1 Slope at the appropriate clear zone shall apply to all mound entrances and mound side roads to 10' fill height. Normal Slope (but not steeper than 6:1) for over 10' fill height.

⊙ Normal Slope (but not steeper than 6:1) at approximate centerline structure or appropriate clear zone width.

⊗ On side roads and entrances which slope toward the highway, a low point approx. 6" deep shall be constructed to divert surface drainage into the highway ditch, unless otherwise shown on the plans.

NO.	DATE	REVISIONS	BY	APP'D
12	1-10-07	Changed bituminous to asphalt	S.W.K.	J.O.B.
11	8-30-06	Changed tack type/rate	S.W.K.	J.O.B.
10	3-24-05	Revised compaction, tack type/rate	S.W.K.	J.O.B.
9	6-12-02	Added low point off shoulder.	S.W.K.	J.O.B.

SUMMARY OF QUANTITIES (Surfacing)

KANSAS DEPARTMENT OF TRANSPORTATION			
RD051			
DESIGNED	DETAILS	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.