Addendum

Iowa Department of Transportation Office of Contracts

Date of Letting: January 16,2013 Date of Addendum: January 8,2013

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
159	94-C094-099	HMA RESURFACING	WEBSTER	FM-C094(99)55-94	16JAN159.A01

Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

Make the following change to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0040 2214-5145150 PAVEMENT SCARIFICATION:

From: 99,651.790SY To: 99,605.620SY

If the above change is not made, they will be made as shown here.

Make the following changes to the plan:

On Sheet C2, in the Pavement Scarification Tabulation, the following should be changed:

Change Stop Station 1888+12.09 to 1887+92, Length 925.32 to 905.23, Square Yards 1079.54 to 1056.10

Change Start Station 1888+22.52 to 1888+42, Length 9573.48 to 9554.00, Square Yards 11169.06 to 11146.33

Change Total from 99651.79 SY to 99605.62 SY

Add the attached paving history pages to the plans:

Form 820937 3-86

cc: Materials

Iowa Department of Transportation OFFICE OF MATERIALS ASPHALT PAVING HISTORIES

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changes

Project Informa	Dodge, RME					District 1	Yea	. 1986
County	Webster		Project No. F k Sec. Rd. P	N-20-3(42)	21-94	Road No. C	ounty Trunk	P-59
Location/Desc	cripton On Cou	nty Trun	k Sec. Rd. P	-59 North	of Coal-	Mile Post	Not availab	le
ville	. North 3.7	miles t	o Jct. U.S.	HWV 20		e at til Fried Melakalit fre ha		
Contractor —	Fort Dodge	Asphalt	ng s <u>1</u> No. Lifts			Type of Plant	Barber Gre	ene Batch
Type of Const	ruction <u>ACC R</u>	esuriaci	ng		Placed On <u>E</u>	arth Subgr	ade	^^:
Type of Mix	Baco (Middan	Clas	S	Size	3/4"		Mix No. <u>ABDO-</u>	33
Course	pase (widen 4 oc	TIIR)	No. Lifts		_	_ Thickness _	10	
)ate Laid: Fro	om <u>0-20</u>	00			_10 8-10	-80		
Materials Sunni	led (Note: Put Aso	halt Cement G	rade And % On First	Line)				
	terial	Percent		Source		Absorption	• Abrasion	Freeze & Thaw
AC-10		6.50	Koch - Pine		nesota			
3/4" Cr.	and the second of the second o	55	Weavers SW-		1. [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2		30	A-1 C-1
Sand	化克尔克特 化克尔克克 化二氯化氯克克 化化物 化多克尔克 医二克克	45	Automated S			ster		
radation Contr	ol - Averages for t	he project						
~				Material		Job Mix	Plant	_ Lab
Size	3/4"Cr.	Sand				(target)	Cold Feed	Extracted
	Lmst. GRAD	GRAD	GRAD	CDAD	GRAD	CDAD	Average	Average
		UNAU	UNAU	GRAD	บทคบ	GRAD	GRAD	GRAD
1″ ¾″	100			<u> </u>		100	100	100
74 1/2"	98					99	100	100
72 3/8"	85 70	100				92	95	97
78 4"	70					84	87	90
8″	48 34	98 85				70	73 50	74
16"	24	66				57	59 46	61
30"	18	33				25	46 27	47 29
50"	13	4.5				9.2	9.5	9.6
100"	10	1.5				6.2	5.4	5.9
200"	7.7	0.6				4.5	4.0	4.6
	ant Cold Feed Colu		ed mixes			1 4.7 1		4.0
ield	1447 nt iy	A SI NO	2.326 Rice \ verage GE OTE GLOW		Film Tr	ickness <u>12.</u>	27 AC % Design	6.5
eld Voids								
B.R.								
5								
emarks:								
	is mix was	started	out at 6.25%	AC as co	ntractor v	vas using t	he same mix	
			dainel AC wa					

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District Materials Engineer
Dishard W Mumm

Field Change:									
	F	ield	Ch	a	ľ	l	a	e	S

ocation <u>Started pro</u>	ject at	Enis						
iix Information tability	Avera Before	ge Lab Voids Change		Original A Content _	C 6.5	Ad Co	ljusted AC ntent <u> </u>). 25
lix Test Data	1				l Job I	Mix I	Cold Feed	Extracted
Tank	Average	Minimum	Maximum		Orig.	Rev.	Average	Average
Total AC Content Stick	6.30	6.10	6.50	1"				
Marshall Density	2,30	2.24	2.34	3/4"				
ab Voids	5.4	4.3	7.2	1/2"				
ab Solid Sp. Gr	2.429	2.406	2.486	3/6"				
Field Density	98.3	96.8	100.3	4"				
Field Voids	7.1	5.4	8.8	8″				
F.B.R.	0.71	0.63	0.79	16"				
[P.O.]	U./1			30"				
				50"				
				100"				
				200"				
Remarks Date: 7-20-86 Reason for Change AC chan Aggregate Tare Location Various A	nge – Go get Chan	ing back ge – Cha		nal job use of a	miv AC c	ontent to	lower voi	ds
Date: 7-20-86 Reason for Change AC chan Aggregate Tary Occation Various A	nge - Go get Chan reas	ing back ge – Cha	to origi nged beca	Previous	mix AC c upparent	ontent to degradati	Nower voi	ds.
Date: 7-20-86 Reason for Change AC chan Aggregate Tar	nge - Go get Chan reas	ing back ge – Cha	to origi nged beca	use or a	mix AC c	ontent to degradati	lower voi	ds
Date: 7-20-86 Reason for Change AC chan Aggregate Tare Location Various A Mix Information Field 1350* Mix Test Data	nge – Go get Chan reas Ave	ing back ge - Chai age Lab Voic re Change	to originged beca	Previous	mix AC comparent AC 6.25	ontent to degradati	on. Adjusted AC content Cold Feed	ds.
Pate: 7-20-86 Reason for Change AC chan Aggregate Tare Rocation Various A Mix Information Field 1350* Mix Test Data Tank	nge – Go get Chan reas Aver Befo	ing back ge – Cha age Lab Voic re Change <u></u>	to originged beca	Previous Content	AC 6.25	ontent to degradati	Adjusted AC content Cold Feed Average	6.50 Extracte Average
Pate: 7-20-86 Reason for Change AC chan Aggregate Tare Rocation Various A Wix Information Field 1350* Mix Test Data Tank Total AC Content Stick	nge – Go get Chan reas Average Average 6.43	ing back ge - Cha age Lab Voic re Change	to originged beca	Previous Content	AC 6.25 Previous 100	ontent to degradati A Mix Rev.	Adjusted AC Content Cold Feed Average 100	6.50 Extracta Average 100
Pate: 7-20-86 Reason for Change AC chan Aggregate Tary Rocation Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density	Average Average 6.43 2.33	ing back ge - Char age Lab Voic re Change Minimum 6.29 2.31	to originged beca	Previous Content 1" %"	AC 6.25 Previous 100 99	ontent to degradati Mix Rav. 100 99	Adjusted AC Content Cold Feed Average 100 100	6.50 Extracle Average 100 100
Pate: 7-20-86 Reason for Change AC chan Aggregate Tary Reason Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids	Average Average 6.43 2.33 4.4	ing back ge - Chai age Lab Voice Change Minimum 6.29 2.31 3.8	to originged beca	Previous Content 1" %"	AC 6.25 Previous 100 99 92	ontent to degradati Mix Rev. 100 99 92	Cold Feed Average 100 100 95	6.50 Extracte Average 100 100 96
ate: 7-20-86 leason for Change AC chan	Average Average 6.43 2.33 4.4 2.433	rage Lab Voice Change — Minimum 6.29 2.31 3.8 2.420	to originged beca is 5.4 Maximum 6.51 2.34 6.2 2.464	Previous Content 1" 3%" ½"	AC 6.25 AC 6.25 Job Previous 100 99 92 84	ontent to degradati Mix Rev. 100 99 92 87	Adjusted AC Content Cold Feed Average 100 100 95 86	6.50 Extracte Average 100 100 96 89
ate: 7-20-86 leason for Change AC chan Aggregate Targocation Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids Lab Solid Sp. Gr Field Density	Average Average 6.43 2.33 4.4 2.433 96.7	ing back ge - Chai age Lab Voic re Change Minimum 6.29 2.31 3.8 2.420 96.1	to originged beca is 5.4 Maximum 6.51 2.34 6.2 2.464 97.2	Previous Content 1" %" %" %" 4"	AC 6.25 Job	ontent to degradati Mix Rev. 100 99 92 87 70	Cold Feed Average 100 100 95 86 72	6.50 Extracta Average 100 100 96 89 73
ate: 7-20-86 leason for Change AC chan Aggregate Targocation Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids Lab Solid Sp. Gr Field Density Field Voids	Average 6.43 2.33 4.4 2.433 96.7	ing back ge - Chai age Lab Voice Change Minimum 6.29 2.31 3.8 2.420 96.1 6.4	to originged beca	Previous Content 1" 34" 34" 4" 8"	AC 6.25 AC 6.25 Job Previous 100 99 92 84	ontent to degradati Mix Rev. 100 99 92 87	Cold Feed Average 100 100 95 86 72 57	6.50 Extracta Average 100 100 96 89 73 59
rate: 7-20-86 Leason for Change AC chan Aggregate Targocation Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids Lab Solid Sp. Gr Field Density	Average Average 6.43 2.33 4.4 2.433 96.7	ing back ge - Chai age Lab Voic re Change Minimum 6.29 2.31 3.8 2.420 96.1	to originged beca is 5.4 Maximum 6.51 2.34 6.2 2.464 97.2	Previous Content 1"	AC 6.25 Previous 100 99 92 84 70 57	Mix Rev. 100 99 92 87 70 59	Tower voi On	6.50 Extracta Average 100 100 96 89 73 59 46
rate: 7-20-86 leason for Change AC chan Aggregate Targocation Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids Lab Solid Sp. Gr Field Density Field Voids	Average 6.43 2.33 4.4 2.433 96.7	ing back ge - Chai age Lab Voice Change Minimum 6.29 2.31 3.8 2.420 96.1 6.4	to originged beca	Previous Content 1"	AC 6.25 Job	ontent to degradati Mix Rev. 100 99 92 87 70	Tower voi On On On On On On On O	6.50 Extracle Average 100 100 96 89 73 59 46 29
Pate: 7-20-86 Reason for Change AC chan Aggregate Targoration Various A Mix Information Field 1350* Mix Test Data Tank Total AC Content Stick Marshall Density Lab Voids Lab Solid Sp. Gr Field Density Field Voids	Average 6.43 2.33 4.4 2.433 96.7	ing back ge - Chai age Lab Voice Change Minimum 6.29 2.31 3.8 2.420 96.1 6.4	to originged beca	Previous Content 1"	AC 6.25 Previous 100 99 92 84 70 57	Mix Rev. 100 99 92 87 70 59	Tower voi On	6.50 Extracta Average 100 100 96 89 73 59 46

Form 820937 3-86

lowa Department of Transportation OFFICE OF MATERIALS

	Materials District	l Materia	1s	ASPH	ALT PAVING H	ISTORIES			
Project Informa	tion Fort Do	odge RME					District	1 Yea	1986
County We	ebster		Pro	niect No. F	N-20-3(42)	21-94	Road No _ Mile Post	County Tru	nk P-59
Location/Desi	crinton On Co	ounty tru	nk Se	c. Rd.	P-59 north	of	Mile Post	N/A	
Coalv	ville, Nort	h 3.7 mi	les t	o Jct.	U.S. Hwy.	20			
Contractor	Fort Dodge	e Asphalt					Type of Plant	Barber G	reene Batch
Type of Const	ruction ACC	Resurfac	ing			_ Placed On	Existing A	CC	
Type of Mix	A	Clas	SS		Size	3/4"	<u> </u>	dix No. <u>ABD</u>	6-24
Course Bi	inder		No	. Lifts $^{ m 1}$			Thickness	2 1/2"	
Date Laid: Fro	_{om7-14-}	-86				_To8-9	Type of Plant Existing A N Thickness86		
	lied (Note: Put As terial	<i>Prian Cemeni</i> C Percent	Ji aue Aii	u % UII FIISI	Source		Absorption	Abrasion	Freeze & Thaw
AC-10		6.0	Koch-	-Pine B	end, Minne	sota	Carl Carlotte Control Control		
	Lmst.	60	Charles and the second of the	and the second s	4-89-29	Charles Canadan Carlot Carlot Control	and the second second second second	30	A-1 C-1
Sand		40		And the Assessment County of	and NW-14-	anagraph & tag factor for a second of the contract of the			
Gradation Contr	ol - Averages for	the project							
					Material		Job Mix	Plant	Lab
Size	β/4" Cr.	Sand					(target)	Cold Feed	Extracted
	Lmst. GRAD	GRAD		GRAD	GRAD	GRAD	GRAD	Average GRAD	Average GRAD
1"	100						100	100	100
3/4"	98						99	100	100
1/2"	85				Approximation		91	94	94
3/8"	70	100					82	85	87
4"	48	96					67	69	69
8"	34	82					53	55	56
16"	24	64					40	42	43
30"	18	39					26	28	30
50″	13	10					12	12	12
100"	10	1.	THE RESERVE AND PARTY.				6.7	6.4	6.7
200"	7.7	1,					5.1	4.7	5.3
*Do not use pl	ant Cold Feed Co	lumn on recycl	led mixes						
Mix Design Info									
Stability -2 .	357	Lab Density $_$	2.3	120 Rice	Voids3.	99 Film TI	nickness <u>9.80</u>	AC % Desig	1 <u>6.0</u>
Field									
Stability	1,857								
	(1985년 - 1985년 - 1985년 - 1985년 - 1985								
Mix Test Data									
			Average		"我们我们我们是一定是一点,我们也不是是	Ainimum		Maximum	
Total AC Conte	^{ent} (tank st	ick) —	6.01			5.88		6.19	
Marshall Dens			2.31			2.28		2.35	
Lab Voids			4.8			3.2		5.7	
Lab Solid Sp. (Gr		2.422			2.395		2.435	
Field Density			97.7			6.0		100.9	
Field Voids			6.8			3.9		7.8	
F.B.R.			0.87		a Nasaa la d	0.66		1.07	

Remarks:

Richard F. Mumm

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Form 820937 3-86

cc:Materials

District 1 Materials

IOWA Department of Transportation OFFICE OF MATERIALS ASPHALT PAVING HISTORIES

Project Informat	ort Doage Ion	Kein				District 1	Yea	1986
CountyW	ebster		Project No nk Sec. Rd.	FN-20-3(42	2)21-94	_ Road No. C	ounty Trun	k P-59
<u>ville, n</u>	<u>orth 3.7</u>	miles to	Jct, U.S. Hw t cing	у. 20				
Contractor	Fort Dod	ge Asphal				_ Type of Plant	Barber Gre	ene Batch_
Type of Constr	uctionAC	C resurta	cing		_ Placed On	new ACC bi	nder	
Type of Mix	A	Clas	38	Size	e1/2''	<u></u>	/lix No. ABD6	38
CourseS	uriace	2 06	No. Lifts			INICKNESS	1 1/2	
Date Laid: Fro	mo=T	3-00			_ J0 O	-za-an		
Materiale Sunnli	ed (Note: Put A	snhalt Cement i	Grade And % On Firs	t I ine)				
	erial	Percent	Jiane And 70 On This	The state of the s		Absorption	Abrasion	Freeze & Thaw
			Koch-Pine B		and the second second second second	TOTAL CONTRACTOR CONTRACTOR CONTRACTOR	7101001011	110020 4 1101
	Lmst,	60	Weaver SW-2				27	A-1 C-1
Sand	The second second second second second	40	Automated S					A-1
banu		40	Automated 5	and NW-14-	оу-ду мер	Ster		
Gradation Contro	l - Averages for	the project						
				Material		Job Mix	Plant	Lab
Size	1/2" Cr.	Sand		matorial		(target)	Cold Feed	Extracted
	Lmst.		00.40	CDAD	COAD	CRAO	Average	Average
	GRAD	GRAD	GRAD	GRAD	GRAD	GRAD	GRAD	GRAD
1"								
3/4"	100					100	100	100
1/2"	99					99	100	100
3/8"	87	1.00				92	93	95
4"	154	96				71	75	75
8"	36	82				54	58	58
16"	24	64				40	45	45
30"	18	39				26	29	29
50"	13	10				12	12	12
100"	9.7	1.7				6.5	7.1_	6.7
200"	7.0 nt Cold Feed Co	-1.2				4.7	5.1	5.1
Field Stability Mix Test Data Total AC Conte Marshall Densi Lab Voids Lab Solid Sp. G Field Density Field Voids	2090 2187 ^{nt} (tank st	rick) — (2.30 Rice Average 5.58 2.33 4.0 2.427 5.8		Minimum 6.41 2.31 2.8 2.413 4.5	nickness <u>11.2</u>	Maximum 6.72 2.36 5.2 2.443 97.3	6.5
F.B.R. Remarks:),78		0.57		0.94	

District Materials Engineer