A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: February 16, 2016
Date of Addendum: February 15, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
161	62-0927-048	HMA RESURFACING WITH MILLING	MAHASKA	NHSX-092-7(47)--3H-62 NHSX-092-7(48)--3H-62	16FEB161.A03

Make the following change to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0690 2102-2625000 EMBANKMENT-IN-PLACE:
From: 45,387.000 CY
To: 18,502.000 CY

If the above changes are not made, they will be made as shown here.

Make the following changes to the PLAN:

Replace Sheet C.9 with the attached Sheet C.9.

231-2
10-16-12

HERBICIDE

For all herbicide applications, the following provisions shall apply.

1. Follow all laws, rules and regulations related to the handling of pesticides, including but not limited to:
   a. Follow all herbicide label directions, restrictions, and precautions.
   b. The company responsible for the herbicide applicator must be licensed with Iowa Department of Agriculture and Land Stewardship (IDALS) as a commercial pesticide applicator company.
   c. The person applying the herbicide must be certified through IDALS as a pesticide applicator in Category 6, Right-of-Way. For herbicide applications that require an aquatic certification, the applicator must also be certified as a pesticide applicator in Category 5, Aquatics.
   d. Use herbicide and adjuvant products labeled for the application site:
      i. For applications on the primary highway right-of-way, use only products labeled for use on highway rights-of-way or roadsides.
      ii. For applications to or over water, use only products labeled for corresponding use in aquatic sites, unless intermittent pockets of standing water, such as tire ruts, and the product is labeled for such use.
      iii. For applications to areas in the water conveyance portion of the ditch that do not contain water at the time of application, use only products labeled for non-irrigation ditch banks or aquatic sites.
   e. Do not apply any herbicide to or over standing or flowing water unless required coverage is obtained under a National Pollutant Discharge and Elimination System (NPDES) Pesticide Discharge Permit through Iowa DNR. If standing or flowing water is encountered in areas when they need to be sprayed, notify Iowa DOT (Roadside Development) to determine if submittal of a Notice of Intent (NOI) is required.

2. Schedule work according to weather conditions and take measures to avoid off-target damage, such as runoff, leaching, drift and volatilization.
   a. Do not spray herbicide 24 hours prior to forecast precipitation that is expected to cause significant runoff conditions.
   b. For areas with saturated soil, such as ditch bottoms, do not spray herbicide 24 hours prior to forecast precipitation, unless using products labeled for aquatic sites.
   c. For conventional applications, avoid applications when wind speed exceeds 10 mph. For invert applications, avoid applications when wind speed exceeds 15 mph.
   d. For conventional foliar applications, use a drift retardant and maintain drift control throughout the application period by adding more to the tank as it breaks down from agitation.
   e. Avoid spraying volatile products when temperatures are forecast to exceed 85° F within 3 days.
   f. Check the IDALS Sensitive Crops Directory and do not spray adjacent to a listed operation when wind is blowing towards it.

3. Respond to allegations of any off-target damage attributed to handling and spraying of herbicide.

4. Provide the following documents to the Engineer for approval not less than 2 weeks prior to the application.
   a. A copy of the herbicide and adjuvant labels, including any applicable supplemental labels.
   b. A copy of the herbicide and adjuvant Material Safety Data Sheets (MSDS.)

5. Have copies of the herbicide and adjuvant labels and MSDSs on-hand and at locations of storage, transport, and application.

6. Schedule work to maximize efficiency of the herbicide application in relation to weather conditions and plant growth stage. Follow any label recommendations given as "for best results."
   a. For weed applications:
      i. To determine if weeds are "actively growing," use as a guideline that there needs to have been at least 1 hour of temperature above 65° F and 1 hour of sun in the day prior to, of, or forecast before a rain the day after the application.
      ii. For spring applications to thistles, apply after basal leaves of Canada thistles are fully extended, and after rosettes of musk thistle are at least 8 inches diameter, but before flower stage.
      iii. For fall applications to thistles, apply prior to the second hard freeze of 28° F, unless otherwise listed in the label directions.
   b. For tree and brush applications:

231-2
10-16-12

HERBICIDE

      i. For foliar applications and cut stump/surface applications with water-soluble products, apply after leaves are fully opened in the spring and prior to leaf discoloration in the fall.
      ii. For cut stump applications with oil soluble products, do not apply during periods of heavy sap flow. Use as a guideline that heavy sap flow occurs in late winter to early spring when nighttime temperatures below 32° F are followed by daytime temperatures above 32° F with sunny conditions.
      iii. For cut stump and basal bark applications, add sufficient dye so that treated areas are visible to inspection 7 days after application.

7. Notify the Engineer prior to calibrating, mixing and applying herbicides, including incidental items.

8. Provide copies of daily spray logs to the RCE at the end of each week of spraying (form provided by Iowa DOT).

9. If Contractor does not complete spray item on schedule, the Engineer may adjust the schedule.

232-10
10-21-14

EMERALD ASH BORER

Dispose of all wood material generated as a result of clearing and/or grubbing according to the Iowa Department of Agriculture and Land Stewardship's Emerald Ash Borer (EAB) Quarantine Order. For more information refer to http://www.iowatreepests.com/eab_regulations.html.

107-24
10-15-13

GRADING FOR HIGH TENSION CABLE GUARDRAIL INSTALLATIONS

Refer to Standard Road Plan EW-302

(1) Lane(s) to which the installation is adjacent.

Location				Dimensions			Protection Length	Earthwork:	
No.	Direction of (1) Traffic	Station	Side	C_A	C_O	C_T	$(C_A+C_O+C_T)$		Remarks
				FT	FT	FT	FT	CY	
1	EB	2136+90.00	RT	135.0	522.9	120.0	777.9	14.8	
2	WB	44+10.00	LT	210.0	522.9	135.0	867.9	16.2	
3	EB	93+25.00	RT	170.0	10.0	70.0	250.0	6.5	
4	WB	97+60.00	LT	210.0	225.0	210.0	645.0	12.7	
5	EB	175+90.00	RT	210.0	350.0	160.0	720.0	13.8	
6	WB	183+10.00	LT	160.0	350.0	153.0	663.0	13.0	
7	WB	216+10.00	LT	210.0	560.0	0.0	770.0	14.7	
8	EB	379+87.00	RT	210.0	603.0	132.0	945.0	17.4	
9	WB	383+25.00	LT		90.0	210.0	300.0	7.3	
10	EB	452+90.00	RT	10.0	525.0	210.0	745.0	14.2	
11	WB	460+35.00	LT	210.0	525.0	10.0	745.0	14.2	
12	EB	467+40.00	RT	210.0	375.0		585.0	11.7	
13	WB	473+10.00	LT		360.0	210.0	570.0	11.5	
14	EB	571+25.00	RT	75.0	875.0	210.0	1160.0	20.8	
15	WB	574+95.00	LT		295.0	210.0	505.0	10.5	
16	WB	581+50.00	LT	75.0	500.0		575.0	11.6	
17	EB	599+50.00	RT		414.5		414.5	5.8	part is filled by guardrail fill
18	WB	603+44.53	LT		294.5	100.0	394.5	6.3	part is filled by guardrail fill
19	EB	610+75.00	RT		550.0	210.0	760.0	14.5	
20	WB	618+35.00	LT	210.0	550.0		760.0	14.5	
						TOTALS	13152.8	252.0	

107-23
10-18-11

GRADING FOR GUARDRAIL INSTALLATIONS

(1) Lane(s) to which the installation is adjacent. Refer to EW-301

Location					Dimensions (Feet)									Earthwork		
No.	(1) Direction of Traffic	Station	Side	Foreslope at Guardrail	X1	Y1	X2	Y2	X3	Y3	X4	Y4	Z	Excavation Class 10	Embankment In Place	Remarks
														CY	CY	
1	EB	223+45.50	RT	2.5:1	231.3	5.0			287.5	10.6	337.5	12.6	48.4		1700.0	Approach - Includes 55 CY Topsoil
2	EB	223+45.50	RT	2.5:1	87.5	5.0			112.5	7.5	162.5	9.5	36.8		800.0	Trailing - Includes 105 CY Topsoil
3	WB	223+54.50	LT	2.5:1	62.5	5.0			118.8	10.6	168.8	12.6	48.4		1200.0	Approach - Includes 110 CY Topsoil
4	WB	223+54.50	LT	2.5:1	262.5	5.0			287.5	7.5	337.5	9.5	36.8		1050.0	Trailing - Includes 55 CY Topsoil
5	WB	252+56.63	LT	3:1	43.8	5.0	100.0	10.6	125.0	10.6	175.0	12.6	67.1		1525.0	Trailing - Includes 75 CY Topsoil
6	WB	252+56.63	LT	3:1	12.5	5.0	68.8	10.6	106.3	10.6	156.3	12.6	67.1		1500.0	Approach - Includes 70 CY Topsoil
7	EB	252+13.38	RT	3:1	12.5	5.0	68.8	10.6	106.3	10.6	156.3	12.6	67.1		1500.0	Approach - Includes 70 CY Topsoil
8	EB	252+13.38	RT	3:1	43.8	5.0	100.0	10.6	125.0	10.6	175.0	12.6	67.1		1525.0	Trailing - Includes 75 CY Topsoil
9	WB	314+37.93	LT	3:1	53.1	2.2	90.6	2.2	115.6	6.0	153.1	8.0	49.9		240.0	Trailing - Includes 25 CY Topsoil
10	EB	314+37.93	RT	3:1	53.1	2.7	90.6	6.5	115.6	6.5	178.1	8.5	51.7		375.0	Approach - Includes 75 CY Topsoil
11	WB	318+91.07	LT	3:1	53.1	2.2					90.6	6.2	41.5		150.0	Approach - Includes 75 CY Topsoil
12	EB	318+91.07	RT	3:1	53.1	2.7	90.6	6.5	115.6	6.5	153.1	8.5	51.7		475.0	Trailing - Includes 25 CY Topsoil
13	EB	432+07.34	RT	3:1	12.5	6.0					62.5	8.0	31.2		275.0	Approach - Includes 20 CY Topsoil
14	EB	432+07.34	RT	3:1	25.0	6.0			50.0	8.5	100.0	10.5	40.5		390.0	Trailing - Includes 20 CY Topsoil
15	WB	432+43.66	LT	3:1	12.5	6.0			37.5	8.5	87.5	10.5	40.5		370.0	Approach - Includes 20 CY Topsoil
16	WB	432+43.66	LT	3:1	25.0	6.0			50.0	8.5	100.0	10.5	40.5		400.0	Trailing - Includes 20 CY Topsoil
17	WB	544+35.81	LT	3:1	68.8	5.0	93.8	7.5	106.3	7.5	156.3	9.5	55.5		675.0	Trailing - Includes 70 CY Topsoil
18	WB	544+35.81	LT	3:1	12.5	5.0	68.8	10.6	81.3	10.6	131.3	12.6	67.1		925.0	Approach - Includes 30 CY Topsoil
19	EB	542+91.35	RT	3:1	12.5	5.0			68.8	10.6	118.8	12.6	67.1		850.0	Approach - Includes 25 CY Topsoil
20	EB	542+91.35	RT	3:1	68.8	5.0			93.8	7.5	143.8	9.5	55.5		625.0	Trailing - Includes 30 CY Topsoil
21	WB	603+97.65	LT	3:1	53.1	0.0	115.6	4.1	140.6	4.1	178.1	8.1	50.1		400.0	Trailing - Includes 50 CY Topsoil
22	EB	604+17.65	RT	3:1	53.1	0.0	128.1	5.3	153.1	5.3	190.6	9.3	54.7		525.0	Approach - Includes 75 CY Topsoil
23	WB	607+88.15	LT	3:1	53.1	0.0			128.1	5.3	165.6	7.3	53.3		350.0	Approach - Includes 75 CY Topsoil
24	EB	608+08.15	RT	3:1	53.1	0.0			78.1	0.3	128.1	2.3	28.6		100.0	Trailing - Includes 50 CY Topsoil
													TOTALS		17925.0	Total - 1300 CY Topsoil