

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: October 20, 2015
Date of Addendum: October 6, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
102	97-0201-117	PCC PAVEMENT - NEW	WOODBURY	NHSX-020-1(117)--3H-97 NHSX-020-1(134)--3H-97	20OCT102.A05

Add the following to the PROPOSAL NOTES on page 2 of the PROPOSAL DETAILS:

*** WORK RESTRICTION ***

THE GRADE FROM STATION 10410+00 TO STATION 10475+50 AND
STATION 10480+00 TO 10490+00 WILL NOT BE AVAILABLE UNTIL
GRADING IS COMPLETED BY THE NHSX-020-1(116)--3H-97
CONTRACTOR. THE APPROXIMATE DATE OF AVAILABILITY FOR THIS
SITE IS JULY 1, 2016.

Make the following change to the plans: NHSX-020-1(117)--3H-97

Replace SHEET NUMBER G.11, and G.15 with the attached SHEET NUMBER
G.11 AND G.15

101-16
102-09

ALIGNMENT COORDINATES

Name	Location	Point on Tangent		Begin Spiral		Begin Curve		Simple Curve PI or Master PI of SCS		End Curve		Station		End Spiral	
		Y (Northing)	X (Easting)	Y (Northing)	X (Easting)	Y (Northing)	X (Easting)	Station	Coordinates Y (Northing) X (Easting)	Station	Coordinates Y (Northing) X (Easting)	Station	Coordinates Y (Northing) X (Easting)	Station	Coordinates Y (Northing) X (Easting)
EXISTING US 20 SURVEY (SUR20)															
400		210+57.92	3,648,887.52	4,242,390.99											
CUR11						223+64.50	3,648,853.21	4,243,697.11	226+64.50	3,648,845.33	4,243,997.01	229+64.50	3,648,838.88	4,244,296.94	
CUR23						271+54.22	3,648,748.88	4,248,485.70	274+54.22	3,648,742.43	4,248,785.63	277+54.22	3,648,735.23	4,249,085.54	
CUR13						386+73.72	3,648,472.85	4,260,001.88	390+73.72	3,648,464.49	4,260,349.78	393+69.66	3,648,445.58	4,260,697.27	
CUR14						418+82.45	3,648,309.10	4,263,206.35	421+88.24	3,648,289.86	4,263,560.03	425+90.84	3,648,279.31	4,263,914.09	
CUR15						488+88.24	3,648,091.75	4,270,208.69	491+88.24	3,648,082.82	4,270,508.56	494+88.23	3,648,070.59	4,270,808.52	
CUR16						530+09.31	3,648,016.22	4,274,329.06	533+05.21	3,648,011.06	4,274,624.92	536+01.09	3,647,999.85	4,274,920.60	
CUR17						577+49.39	3,647,842.71	4,279,085.93	580+49.39	3,647,831.35	4,279,385.71	583+49.39	3,647,820.62	4,279,685.52	
CUR18						686+63.27	3,647,451.98	4,289,972.81	690+49.97	3,647,438.16	4,290,359.26	694+36.59	3,647,427.03	4,290,745.96	
CUR19						739+55.60	3,647,428.33	4,295,264.96	742+55.60	3,647,427.73	4,295,564.88	745+55.58	3,647,421.03	4,295,864.88	
C24						773+82.90	3,647,357.82	4,298,691.49	776+82.90	3,647,350.77	4,299,002.81	780+13.65	3,647,337.94	4,299,321.93	
C25						882+74.05	3,646,920.42	4,309,573.82	894+94.05	3,646,870.77	4,310,792.87	905+80.79	3,646,957.56	4,311,601.79	
C26						916+75.07	3,645,138.46	4,312,327.40	929+16.44	3,644,209.38	4,313,150.70	940+17.89	3,644,174.68	4,314,391.58	
C27						963+01.26	3,644,111.51	4,316,674.08	966+03.61	3,644,103.15	4,316,976.31	969+05.96	3,644,096.55	4,317,278.59	
C28						1000+58.10	3,644,027.49	4,320,429.98	1003+56.18	3,644,020.96	4,320,727.99	1006+51.26	3,644,009.86	4,321,025.87	
C29						1032+12.07	3,643,914.68	4,323,581.91	1035+14.18	3,643,903.44	4,323,883.81	1038+16.28	3,643,896.61	4,324,185.84	
C30						1042+46.30	3,643,886.90	4,324,615.75	1045+45.68	3,643,880.14	4,324,915.06	1048+45.05	3,643,869.04	4,325,214.24	
C31						1053+84.02	3,643,844.05	4,325,752.83	1056+93.41	3,643,837.58	4,326,062.01	1060+02.80	3,643,827.50	4,326,371.23	
C32						1145+27.05	3,643,549.74	4,334,890.96	1148+51.70	3,643,539.16	4,335,215.44	1151+76.33	3,643,534.71	4,335,540.06	
499		0+00.00	3,643,460.16	4,340,979.49											
US 20 MAINLINE (ML020)															
21001						10220+00.00	3,648,820.79	4,243,331.64	10227+84.79	3,648,800.19	4,244,116.15	10235+68.32	3,648,856.45	4,244,898.92	
21002						10235+68.32	3,648,856.45	4,244,898.92	10239+14.78	3,648,909.97	4,245,643.46	10250+08.17	3,648,963.94	4,246,389.76	
21003						10250+08.17	3,648,963.94	4,246,389.76	10253+14.78	3,649,024.48	4,247,134.98	10264+02.61	3,649,079.99	4,247,880.60	
21004						10264+02.61	3,649,079.99	4,247,134.98	10267+14.78	3,649,135.50	4,247,880.60	10278+06.44	3,649,239.01	4,248,621.42	
21005						10278+06.44	3,649,239.01	4,248,621.42	10281+14.78	3,649,290.52	4,249,371.94	10292+08.17	3,649,345.03	4,250,112.66	
21006						10292+08.17	3,649,345.03	4,249,371.94	10295+14.78	3,649,396.54	4,250,112.66	10306+06.44	3,649,451.05	4,250,853.18	
21007						10306+06.44	3,649,451.05	4,250,853.18	10309+14.78	3,649,502.56	4,251,593.70	10320+08.17	3,649,557.07	4,252,334.22	
21008						10320+08.17	3,649,557.07	4,251,593.70	10323+14.78	3,649,608.58	4,252,334.22	10334+06.44	3,649,663.09	4,253,074.74	
21009						10334+06.44	3,649,663.09	4,252,334.22	10337+14.78	3,649,719.10	4,253,074.74	10348+08.17	3,649,773.61	4,253,815.26	
21010						10348+08.17	3,649,773.61	4,253,815.26	10351+14.78	3,649,824.12	4,254,555.78	10362+06.44	3,649,878.63	4,255,296.29	
21011						10362+06.44	3,649,878.63	4,254,555.78	10365+14.78	3,649,929.14	4,255,296.29	10376+08.17	3,649,983.65	4,256,036.80	
21012						10376+08.17	3,649,983.65	4,255,296.29	10379+14.78	3,650,034.16	4,256,036.80	10390+06.44	3,650,088.67	4,256,777.31	
21013						10390+06.44	3,650,088.67	4,256,777.31	10393+14.78	3,650,139.18	4,257,517.82	10404+08.17	3,650,193.69	4,258,258.33	
21014						10404+08.17	3,650,193.69	4,258,258.33	10407+14.78	3,650,244.20	4,258,998.84	10418+06.44	3,650,298.35	4,259,739.35	
US 20 WESTBOUND CL. TIE-IN (ML020W1)															
30000						20220+00.00	3,648,862.78	4,243,332.74	20228+13.84	3,648,841.41	4,244,146.29	20236+26.27	3,648,902.70	4,244,957.82	
RC3						20236+26.27	3,648,902.70	4,244,957.82	20244+01.78	3,648,961.10	4,245,731.12	20251+76.08	3,648,944.44	4,246,506.46	
RC4															
30001						20265+04.84	3,648,915.90	4,247,834.91							
JASPER AVENUE (SR_JASPER)															
22110						100+00.00	3,647,114.03	4,247,588.96							
22111						101+95.70	3,647,309.61	4,247,595.77							
22112						102+90.55	3,647,404.43	4,247,598.13							
22113						108+93.48	3,648,007.19	4,247,612.32							
22114						115+76.44	3,648,689.87	4,247,632.14							
22115						118+06.78	3,648,920.15	4,247,637.15							
22116						121+14.12	3,649,227.33	4,247,647.12							
22117						124+82.55	3,649,596.59	4,247,668.43							
22118						126+30.81	3,649,743.77	4,247,663.04							
22119						128+13.82	3,649,926.74	4,247,667.25							
JASPER AVENUE RETURN 3 (SR_JASPER.RET.3)															
22132															
22133															
22134															
JASPER AVENUE RETURN 6 (SR_JASPER.RET.6)															
22162						60+00.00	3,648,894.23	4,247,725.91	60+38.64	3,648,895.06	4,247,687.27	60+73.00	3,648,867.62	4,247,660.06	
22163						60+73.00	3,648,867.62	4,247,660.06	60+81.15	3,648,857.59	4,247,650.10	60+92.12	3,648,851.54	4,247,642.36	
22164						60+92.12	3,648,851.54	4,247,642.36	61+55.91	3,648,824.33	4,247,620.60	62+11.84	3,648,822.96	4,247,614.39	

SPIRAL OR CIRCULAR CURVE DATA

Name	Location	Δ _{SCS}	Horizontal Alignment Data										Curve Data				Remarks	
			θs	Ls	Ts	Spiral Data			Yc	L.I.T.	S.I.T.	Δ _s	T	L	R	E		
						Es	Xc	Yc										
EXISTING US 20 SURVEY (SR020)																		
CUR11												0° 16' 21.92" LT	300.00'	600.00'	126,050.48'	0.36'		
CUR12												0° 08' 45.22" RT	300.00'	600.00'	235,632.77'	0.19'		
CUR13												1° 44' 11.32" RT	348.00'	696.96'	22,963.06'	2.64'		
CUR14												1° 24' 25.06" LT	354.21'	708.38'	26,847.58'	2.17'		
CUR15												0° 42' 28.90" LT	300.00'	599.99'	48,553.16'	0.93'		
CUR16												1° 10' 20.16" RT	295.90'	591.78'	28,923.88'	1.51'		
CUR17												0° 07' 21.40" LT	300.00'	600.00'	260,380.97'	0.16'		
CUR18												1° 56' 00.92" LT	386.70'	773.33'	22,915.08'	3.26'		
CUR19												1° 09' 58.39" RT	300.00'	599.98'	29,476.70'	1.53'		
C24												1° 03' 04.25" RT	315.39'	630.75'	34,380.00'	1.45'		
C25												46° 07' 53.13" RT	1,220.00'	2,306.74'	2,865.00'	248.94'		
C26												46° 51' 10.87" LT	1,241.37'	2,342.82'	2,865.00'	257.37'		
C27												0° 20' 09.33" LT	302.35'	604.70'	103,139.20'	0.44'		
C28												0° 52' 39.61" RT	298.08'	596.16'	38,918.10'	1.14'		
C29												0° 50' 18.92" LT	302.11'	604.21'	41,282.00'	1.11'		
C30												0° 49' 51.66" RT	299.38'	598.75'	41,282.00'	1.09'		
C31												0° 15' 28.15" LT	309.39'	618.78'	137,512.60'	0.35'		
C32												1° 04' 55.42" LT	324.65'	649.28'	34,380.00'	1.53'		
US 20 MAINLINE (MLD20)																		
21001												5° 36' 58.02" LT	784.79'	1,568.32'	16,000.00'	19.23'		
21002												5° 20' 32.31" RT	746.47'	1,491.85'	16,000.00'	17.40'		
21003												0° 08' 45.44" RT	550.11'	1,100.23'	431,900.00'	0.35'		
21004												1° 44' 12.55" RT	550.23'	1,100.37'	36,300.00'	4.17'		
21005												0° 24' 25.06" LT	550.08'	1,100.11'	44,800.00'	3.38'		
21006												0° 42' 28.90" LT	550.53'	1,101.05'	84,100.00'	1.70'		
21007												1° 10' 20.16" RT	550.39'	1,100.74'	53,800.00'	2.82'		
21008												0° 07' 21.40" LT	550.99'	1,100.15'	514,100.00'	0.29'		
21009												0° 41' 04.50" LT	149.35'	298.71'	25,000.00'	0.45'		
21010												0° 49' 10.32" LT	178.80'	357.59'	25,000.00'	0.64'		
21011												1° 57' 51.19" RT	428.57'	857.05'	25,000.00'	3.67'		
21012												0° 46' 11.48" LT	167.96'	335.91'	25,000.00'	0.56'		
21013												0° 35' 36.83" RT	129.50'	258.99'	25,000.00'	0.34'		
US 20 WESTBOUND CL. TIE-IN (MLD20W1)																		
RC3												5° 49' 25.13" LT	813.84'	1,626.27'	16,000.00'	20.68'		
RC4												5° 32' 59.41" RT	775.51'	1,549.81'	16,000.00'	18.78'		
JASPER AVENUE RETURN 3 (SR.JASPER.RET.3)																		
22132												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22133												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22134												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		
JASPER AVENUE RETURN 6 (SR.JASPER.RET.6)																		
22162												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22163												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22164												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		
JEWELL AVENUE RETURN 3 (SR.JEWELL.RET.3)																		
22232												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22233												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22234												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		
JEWELL AVENUE RETURN 6 (SR.JEWELL.RET.6)																		
22262												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22263												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22264												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		
KNOX AVENUE RETURN 3 (SR.KNOX.RET.3)																		
22332												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22333												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22334												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		
KNOX AVENUE RETURN 6 (SR.KNOX.RET.6)																		
22362												46° 28' 26.44" LT	38.64'	73.00'	90.00'	7.95'		
22363												109° 30' 53.58" LT	14.15'	19.11'	10.00'	7.33'		
22364												24° 00' 39.97" LT	63.80'	125.72'	300.00'	6.71'		

Includes Addenda: A05