

laRTN Reference Station Information and Positions

Date: 01/04/2019

District	Site Information			Equipment		(Current) <sup>1</sup> NAD83(2011) Epoch2010.00 Positions			(Superseded) <sup>2</sup> NAD83(2011) Epoch2010.00 Positions		
	Name	Site ID	Responsible Agency	Receiver	Antenna	Latitude	Longitude	Ellipsoid Height	Latitude	Longitude	Ellipsoid Height
1	Ames	IAAM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 00' 34.52746" N	93° 33' 35.03175" W	266.5280	42° 00' 34.52737" N	93° 33' 35.03149" W	266.558 m
	Boone	IABN	IaDOT	LEICA GR50	LEIAS10 NONE	42° 02' 59.08351" N	93° 51' 18.25527" W	327.6454	42° 02' 59.08364" N	93° 51' 18.25520" W	327.674 m
	Des Moines2 <sup>(3)</sup>	IADM	IaDOT	LEICA GR50	LEIAS10 NONE	41° 39' 27.16598" N	93° 35' 48.11477" W	255.7855	41° 39' 27.16563" N	93° 35' 48.11429" W	255.816 m
	Fort Dodge	IAFD	IaDOT	LEICA GR50	LEIAS10 NONE	42° 27' 19.57674" N	94° 11' 11.52038" W	324.3662	42° 27' 19.57663" N	94° 11' 11.52010" W	324.384 m
	Grundy Center	IAGC	IaDOT	LEICA GR50	LEIAS10 NONE	42° 22' 09.41039" N	92° 46' 45.68485" W	275.2696	42° 22' 09.41012" N	92° 46' 45.68464" W	275.301 m
	Jefferson2 <sup>(4)</sup>	IAJE	IaDOT	LEICA GR50	LEIAS10 NONE	42° 01' 16.06223" N	94° 22' 55.43946" W	303.9157	42° 01' 16.06223" N	94° 22' 55.43929" W	303.939 m
	Malcom	IAML	IaDOT	LEICA GR50	LEIAS10 NONE	41° 41' 13.66221" N	92° 33' 01.24780" W	271.2546	41° 41' 13.66195" N	92° 33' 01.24759" W	271.269 m
	Marshalltown	IAMT	IaDOT	LEICA GR50	LEIAS10 NONE	42° 00' 20.82412" N	92° 55' 59.26571" W	279.5721	42° 00' 20.82382" N	92° 55' 59.26541" W	279.592 m
	Newton	IANT	IaDOT	LEICA GR50	LEIAS10 NONE	41° 41' 04.15225" N	93° 04' 55.03384" W	239.6410	41° 41' 04.15202" N	93° 04' 55.03356" W	239.676 m
	Tama	IATA	IaDOT	LEICA GR50	LEIAS10 NONE	41° 58' 01.64679" N	92° 33' 05.03297" W	248.3658	41° 58' 01.64663" N	92° 33' 05.03367" W	248.391 m
Williams	IAWS	IaDOT	LEICA GR50	LEIAR10 NONE	42° 29' 03.00057" N	93° 32' 51.10937" W	347.9580	42° 29' 03.00038" N	93° 32' 51.10911" W	347.981 m	
2	Algona	IAAG	IaDOT	LEICA GR50	LEIAR10 NONE	43° 04' 47.10445" N	94° 16' 01.14971" W	350.7823	43° 04' 47.10435" N	94° 16' 01.14946" W	350.810 m
	Allison	IAAL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 44' 49.37870" N	92° 47' 14.20407" W	292.1074	42° 44' 49.37845" N	92° 47' 14.20400" W	292.131 m
	Clarion	IACL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 43' 51.59386" N	93° 45' 04.85687" W	334.0597	42° 43' 51.59362" N	93° 45' 04.85668" W	334.084 m
	Decorah	IADE	IaDOT	LEICA GR50	LEIAR10 NONE	43° 16' 15.80597" N	91° 49' 53.48354" W	317.5130	43° 16' 15.80572" N	91° 49' 53.48323" W	317.535 m
	Elkader	IAEL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 52' 40.45049" N	91° 21' 41.48787" W	300.0048	42° 52' 40.45022" N	91° 21' 41.48791" W	300.030 m
	Garner	IAGA	IaDOT	LEICA GR50	LEIAR10 NONE	43° 06' 25.32970" N	93° 35' 59.30687" W	348.1018	43° 06' 25.32957" N	93° 35' 59.30662" W	348.129 m
	Hanlontown	IAHT	IaDOT	LEICA GR50	LEIAR10 NONE	43° 17' 02.35591" N	93° 22' 06.64337" W	345.4717	43° 17' 02.35553" N	93° 22' 06.64341" W	345.493 m
	Latimer	IALA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 47' 55.01740" N	93° 21' 32.73978" W	359.4056	42° 47' 55.01728" N	93° 21' 32.73941" W	359.429 m
	New Hampton	IANH	IaDOT	LEICA GR50	LEIAR10 NONE	43° 01' 45.00426" N	92° 18' 53.00456" W	321.2411	43° 03' 29.22820" N	92° 18' 16.44817" W	327.030 m
	Osage	IAOE	IaDOT	LEICA GR50	LEIAR10 NONE	43° 17' 04.67596" N	92° 50' 32.29128" W	332.3821	43° 17' 04.67572" N	92° 50' 32.29118" W	332.405 m
	Swea City2 <sup>(5)</sup>	IASW	IaDOT	LEICA GR50	LEIAR10 NONE	43° 23' 00.12337" N	94° 17' 47.25805" W	337.9049	43° 23' 00.12329" N	94° 17' 47.25786" W	337.936 m
	Waterloo	IAWA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 28' 05.29439" N	92° 23' 27.20906" W	240.8682	42° 28' 05.29419" N	92° 23' 27.20886" W	240.897 m
	Waukon2 <sup>(6)</sup>	IAWK	IaDOT	LEICA GR50	LEIAR10 NONE	43° 15' 17.35545" N	91° 29' 08.46062" W	353.3901	43° 15' 17.35526" N	91° 29' 08.46046" W	353.427 m
	West Union	IAWU	IaDOT	LEICA GR50	LEIAR10 NONE	42° 56' 09.67837" N	91° 48' 55.81838" W	325.8598	42° 56' 09.67842" N	91° 48' 55.81810" W	325.842 m
3	Akron2 <sup>(7)</sup>	IAAK	IaDOT	LEICAGR50	LEIAR10 NONE	42° 48' 41.00926" N	96° 32' 54.06877" W	369.2826			
	Ashton	IAAS	IaDOT	LEICA GR50	LEIAR10 NONE	43° 18' 20.16909" N	95° 46' 44.57517" W	430.5744	43° 18' 20.16900" N	95° 46' 44.57504" W	430.603 m
	Carroll	IACA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 04' 40.01012" N	94° 54' 40.40128" W	366.0066	42° 04' 40.01005" N	94° 54' 40.40096" W	366.030 m
	Cherokee2 <sup>(8)</sup>	IACK	IaDOT	LEICA GR50	LEIAR10 NONE	42° 46' 06.07977" N	95° 32' 31.86168" W	362.3723	42° 46' 06.07977" N	95° 32' 31.86134" W	362.406 m
	Correctionville	IACV	IaDOT	LEICA GR50	LEIAR10 NONE	42° 28' 52.77137" N	95° 46' 24.68982" W	325.5023	42° 28' 52.77105" N	95° 46' 24.68965" W	325.532 m
	Denison	IADN	IaDOT	LEICA GR50	LEIAR10 NONE	41° 59' 50.56290" N	95° 22' 32.52907" W	351.1680	41° 59' 50.56277" N	95° 22' 32.52869" W	351.190 m
	Emmetsburg	IAEM	IaDOT	LEICA GR50	LEIAR10 NONE	43° 06' 24.79751" N	94° 41' 40.34392" W	345.5321	43° 06' 24.79736" N	94° 41' 40.34356" W	345.563 m
	Le Mars	IALM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 47' 53.00359" N	96° 08' 55.35654" W	365.9100	42° 47' 53.00362" N	96° 08' 55.35630" W	365.934 m
	Onawa	IAOA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 01' 39.25629" N	96° 06' 28.67017" W	301.5749	42° 01' 39.25629" N	96° 06' 28.66991" W	301.599 m
	Pocahontas	IAPS	IaDOT	LEICA GR50	LEIAR10 NONE	42° 44' 16.91856" N	94° 40' 45.28513" W	353.4073	42° 44' 16.91840" N	94° 40' 45.28490" W	353.433 m
	Rock Rapids	IARR	IaDOT	LEICA GR50	LEIAR10 NONE	43° 26' 00.58447" N	96° 08' 55.47162" W	405.9089	43° 26' 00.58448" N	96° 08' 55.47140" W	405.939 m
	Rock Valley2 <sup>(9)</sup>	IARV	IaDOT	LEICA GR50	LEIAR10 NONE	43° 12' 02.87827" N	96° 25' 56.02407" W	379.1871			
	Sac City	IASC	IaDOT	LEICA GR50	LEIAR10 NONE	42° 25' 16.43295" N	95° 01' 05.44027" W	373.6387	42° 25' 16.43293" N	95° 01' 05.43989" W	373.671 m
	Spirit Lake	IASL	IaDOT	LEICA GR50	LEIAR10 NONE	43° 25' 15.18222" N	95° 08' 09.07761" W	414.5607	42° 33' 00.13879" N	96° 20' 54.47507" W	329.130 m
	Storm Lake	IASM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 38' 53.58626" N	95° 12' 58.68742" W	418.8490	42° 14' 20.40106" N	96° 13' 52.00373" W	308.262 m
	Sloan	IASN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 14' 20.40119" N	96° 13' 52.00397" W	308.2487	43° 07' 41.67606" N	95° 09' 41.81979" W	381.871 m
	Spencer	IASP	IaDOT	LEICA GR50	LEIAR10 NONE	43° 07' 41.67611" N	95° 09' 41.81994" W	381.8388	43° 25' 15.18227" N	95° 08' 09.07741" W	414.596 m
Sioux City	IASX	IaDOT	LEICA GR50	LEIAR10 NONE	42° 33' 00.13888" N	96° 20' 54.47531" W	329.1062	42° 38' 53.58606" N	95° 12' 58.68728" W	418.884 m	

NOTES:

- 1) January 7, 2019, the laRTN started operating with new NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(2011) Epoch 2010.00 positions. The network was readjusted after replacing the the old hardware.
- 2) January 7, 2013, the laRTN started operating with NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(CORS96) Epoch2002.00 positions.
- 3) January 17, 2017, the antenna at Des Moines (IADM) was relocated to a new building and renamed Des Moines2 (IADM).
- 4) December 7, 2015, the antenna at Jefferson (IAJE) was moved and renamed Jefferson2 (IAJE).
- 5) April 30, 2013, the antenna at Swea City (IASW) was relocated to a new building and renamed Swea City2 (IASW).
- 6) August 16, 2011, the antenna at Waukon (IAWK) was relocated to a new building and renamed Waukon2 (IAWK).
- 7) January 7, 2019, a new groundmount base station was added back into the network at Akron2 (IAAK). The Akron (IAAK) base station was decommissioned in September 2016, due to the maintenance facility being closed and sold.
- 8) December 23, 2015, the antenna at Cherokee (IACK) was moved and renamed Cherokee2 (IACK).
- 9) January 7, 2019, a new groundmount base station was added back into the network at Rock Valley2 (IARV). The Rock Valley (IARV) base station was decommissioned in September 2016, due to the maintenance facility being closed and sold.

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	Name	Site ID	Responsible Agency	Receiver	Antenna	Latitude	Longitude	Ellipsoid Height	Latitude	Longitude	Ellipsoid Height
4	Adair	IAAD	laDOT	LEICA GR50	LEIAR10 NONE	41° 29' 46.76452" N	94° 38' 28.88731" W	426.3016	41° 29' 45.81192" N	94° 38' 29.38516" W	426.121 m
	Atlantic	IAAT	laDOT	LEICA GR50	LEIAR10 NONE	41° 24' 19.52338" N	94° 59' 16.80616" W	343.7048	41° 24' 19.52331" N	94° 59' 16.80581" W	343.728 m
	Avoca	IAAV	laDOT	LEICA GR50	LEIAR10 NONE	41° 29' 12.12467" N	95° 20' 14.52834" W	325.6427	41° 29' 12.12454" N	95° 20' 14.52798" W	325.667 m
	Council Bluffs	IACB	laDOT	LEICA GR50	LEIAR10 NONE	41° 13' 26.38449" N	95° 51' 11.59381" W	277.9091	41° 13' 26.38342" N	95° 51' 11.59327" W	277.921 m
	Clarinda	IACN	laDOT	LEICA GR50	LEIAR10 NONE	40° 44' 33.94329" N	95° 01' 20.26134" W	282.3196	40° 44' 33.94313" N	95° 01' 20.26100" W	282.354 m
	Corning <sup>(10)</sup>	IACO	laDOT	LEICA GR50	LEIAR10 NONE	41° 00' 49.55668" N	94° 44' 15.67741" W	367.9977	41° 00' 49.55627" N	94° 44' 15.67723" W	368.014 m
	Creston	IACR	laDOT	LEICA GR50	LEIAR10 NONE	41° 03' 11.11810" N	94° 21' 05.29436" W	366.2791	41° 03' 11.11778" N	94° 21' 05.29411" W	366.311 m
	De Soto	IADS	laDOT	LEICA GR50	LEIAR10 NONE	41° 33' 06.29308" N	94° 00' 28.48128" W	247.4372	41° 33' 06.29274" N	94° 00' 28.48087" W	247.455 m
	Mount Ayr	IAMA	laDOT	LEICA GR50	LEIAR10 NONE	40° 42' 30.43633" N	94° 15' 06.39034" W	347.8196	40° 42' 30.43608" N	94° 15' 06.39023" W	347.849 m
	Missouri Valley	IAMV	laDOT	LEICA GR50	LEIAR10 NONE	41° 34' 15.68398" N	95° 51' 30.05912" W	291.0634	41° 34' 15.68388" N	95° 51' 30.05892" W	291.100 m
	Red Oak	IARO	laDOT	LEICA GR50	LEIAR10 NONE	41° 01' 19.74888" N	95° 14' 00.58907" W	291.6371	41° 01' 19.74861" N	95° 14' 00.58873" W	291.667 m
	Sidney	IASD	laDOT	LEICA GR50	LEIAR10 NONE	40° 44' 58.49906" N	95° 38' 10.30793" W	303.0479	40° 44' 58.49903" N	95° 38' 10.30768" W	303.067 m
5	Albia	IAAA	laDOT	LEICA GR50	LEIAR10 NONE	41° 00' 49.06473" N	92° 48' 45.62764" W	268.1158	41° 00' 49.06465" N	92° 48' 45.62748" W	268.141 m
	Bloomfield	IABL	laDOT	LEICA GR50	LEIAR10 NONE	40° 44' 26.73806" N	92° 25' 51.03592" W	240.9890	40° 44' 26.73776" N	92° 25' 51.03584" W	241.012 m
	Centerville2 <sup>(11)</sup>	IAC1	laDOT	LEICA GR50	LEIAR10 NONE	40° 44' 22.62223" N	93° 00' 09.35603" W	279.8382	40° 44' 22.62207" N	93° 00' 09.35578" W	279.856 m
	Chariton	IACH	laDOT	LEICA GR50	LEIAR10 NONE	40° 58' 57.52664" N	93° 18' 25.39111" W	272.2547	40° 58' 57.52643" N	93° 18' 25.39091" W	272.276 m
	Donnellson	IADO	laDOT	LEICA GR50	LEIAR10 NONE	40° 38' 48.98313" N	91° 33' 57.38921" W	188.6645	40° 38' 48.98283" N	91° 33' 57.38920" W	188.694 m
	Fairfield2 <sup>(12)</sup>	IAFA	laDOT	LEICA GR50	LEIAR10 NONE	40° 58' 53.52834" N	91° 57' 33.28288" W	208.8597	40° 58' 53.52794" N	91° 57' 33.28281" W	208.889 m
	Knoxville	IAKN	laDOT	LEICA GR50	LEIAR10 NONE	41° 17' 58.28849" N	93° 06' 03.40381" W	256.3430	41° 17' 58.28732" N	93° 06' 03.40345" W	256.373 m
	Leon	IALN	laDOT	LEICA GR50	LEIAR10 NONE	40° 43' 44.48402" N	93° 45' 42.86018" W	318.5577	40° 43' 44.48379" N	93° 45' 42.85998" W	318.581 m
	Martensdale	IAMD	laDOT	LEICA GR50	LEIAR10 NONE	41° 22' 16.79988" N	93° 44' 38.84704" W	232.9426	41° 22' 16.79970" N	93° 44' 38.84688" W	232.973 m
	Morning Sun <sup>(13)</sup>	IAMS	laDOT	LEICA GR50	LEIAR10 NONE	41° 05' 17.83719" N	91° 10' 58.71199" W	190.9213	41° 05' 17.83732" N	91° 10' 58.71184" W	190.941 m
	Muscatine	IAMU	laDOT	LEICA GR50	LEIAR10 NONE	41° 26' 02.03004" N	91° 05' 11.91362" W	178.0127	41° 26' 02.02982" N	91° 05' 11.91337" W	178.034 m
	Oskaloosa	IAOK	laDOT	LEICA GR50	LEIAR10 NONE	41° 17' 35.36920" N	92° 41' 04.79092" W	208.6871	41° 17' 35.36897" N	92° 41' 04.79071" W	208.709 m
	Osceola	IAOS	laDOT	LEICA GR50	LEIAR10 NONE	41° 01' 40.27445" N	93° 47' 08.43750" W	324.5820	41° 01' 40.27422" N	93° 47' 08.43725" W	324.600 m
	Sigourney	IASI	laDOT	LEICA GR50	LEIAR10 NONE	41° 19' 03.32296" N	92° 12' 24.14575" W	199.1470	41° 19' 03.32266" N	92° 12' 24.14561" W	199.169 m
	West Burlington	IAWB	laDOT	LEICA GR50	LEIAR10 NONE	40° 50' 00.48629" N	91° 12' 33.79226" W	187.9710	40° 50' 00.48608" N	91° 12' 33.79240" W	187.996 m
	Washington	IAWN	laDOT	LEICA GR50	LEIAR10 NONE	41° 18' 34.12013" N	91° 40' 44.74794" W	206.4681	41° 18' 34.11968" N	91° 40' 44.74802" W	206.499 m
6	Anamosa	IAAN	laDOT	LEICA GR50	LEIAR10 NONE	42° 06' 12.96741" N	91° 15' 24.18902" W	228.0890	42° 06' 12.96713" N	91° 15' 24.18885" W	228.120 m
	Coralville	IACI	laDOT	LEICA GR50	LEIAR10 NONE	41° 42' 38.03132" N	91° 36' 33.23735" W	222.2513	41° 42' 38.03092" N	91° 36' 33.23725" W	222.292 m
	Davenport	IADA	laDOT	LEICA GR50	LEIAR10 NONE	41° 36' 36.18282" N	90° 37' 49.54785" W	201.6822	41° 36' 36.18254" N	90° 37' 49.54790" W	201.729 m
	Dubuque	IADU	laDOT	LEICA GR50	LEIAR10 NONE	42° 27' 21.31741" N	90° 40' 25.97275" W	216.9658	42° 27' 21.31733" N	90° 40' 25.97227" W	217.020 m
	Independence	IAIN	laDOT	LEICA GR50	LEIAR10 NONE	42° 26' 39.02877" N	91° 53' 00.91932" W	272.0286	42° 26' 39.02859" N	91° 53' 00.91906" W	272.062 m
	Marion	IAMN	laDOT	LEICA GR50	LEIAR10 NONE	42° 01' 49.08340" N	91° 32' 55.55610" W	229.9408	42° 01' 49.08323" N	91° 32' 55.55608" W	229.973 m
	Maquoketa	IAMQ	laDOT	LEICA GR50	LEIAR10 NONE	42° 04' 25.20087" N	90° 38' 42.15334" W	188.6313	42° 04' 25.20075" N	90° 38' 42.15315" W	188.679 m
	Manchester	IAMR	laDOT	LEICA GR50	LEIAR10 NONE	42° 29' 04.33714" N	91° 28' 22.77739" W	269.0456	42° 29' 04.33692" N	91° 28' 22.77708" W	269.072 m
	Newhall	IANW	laDOT	LEICA GR50	LEIAR10 NONE	41° 57' 41.91556" N	91° 58' 07.31574" W	245.2711	41° 57' 41.91522" N	91° 58' 07.31559" W	245.301 m
	Sabula	IASA	laDOT	LEICA GR50	LEIAR10 NONE	42° 05' 00.09682" N	90° 11' 55.17723" W	160.7168	42° 05' 00.09666" N	90° 11' 55.17682" W	160.769 m
	Tipton	IATI	laDOT	LEICA GR50	LEIAR10 NONE	41° 38' 33.88987" N	91° 06' 37.55657" W	185.8782	41° 38' 33.88909" N	91° 06' 37.55598" W	185.905 m
	Williamsburg	IAWM	laDOT	LEICA GR50	LEIAR10 NONE	41° 42' 09.45053" N	92° 00' 22.02563" W	244.0704	41° 42' 09.45041" N	92° 00' 22.02541" W	244.100 m

NOTES:

- 1) January 7, 2019, the laRTN started operating with new NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(2011) Epoch 2010.00 positions. The network was readjusted after replacing the the old hardware.
- 2) January 7, 2013, the laRTN started operating with NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(CORS96) Epoch2002.00 positions.
- 10) July 14, 2018, a new groundmount base station was added back into the network at Corning2 (IACO). The Corning (IACO) base station was decommissioned in September 2016, due to the maintenance facility being closed and sold.
- 11) July 14, 2018, a new groundmount base station was added back into the network at Centerville2 (IAC1). The Centerville (IACE) base station was decommissioned in December 2016, due to the maintenance facility being closed and sold.
- 12) September 1, 2015, the antenna at Fairfield (IAFA) was moved and renamed Fairfield2 (IAFA).
- 13) July 14, 2018, a new groundmount base station was added into the network at Morning Sun (IAMS). This new base station replaced the Wapello (IAWO) base station that was decommissioned on July 14, 2018, due to the maintenance facility being closed and sold.

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	Name	Site ID	Responsible Agency	Receiver	Antenna	Latitude	Longitude	Ellipsoid Height	Latitude	Longitude	Ellipsoid Height	
MN	Albert Lea	MNAA	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 40' 35.61239" N	93° 19' 47.01657" W	372.4769	43° 40' 35.61230" N	93° 19' 47.01638" W	372.507	
	Beaver Creek	MNBV	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 36' 29.88292" N	96° 22' 41.33862" W	417.5276	43° 36' 29.88314" N	96° 22' 41.33853" W	417.535	
	Blue Earth	MNBE	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 39' 46.33793" N	94° 07' 19.53132" W	303.3438	43° 39' 46.33806" N	94° 07' 19.53116" W	303.346	
	Elkton	MNEK	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 39' 29.99164" N	92° 41' 19.43328" W	403.7219	43° 39' 29.99163" N	92° 41' 19.43292" W	403.768	
	Fairmont	MNFR	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 39' 52.80211" N	94° 26' 36.67150" W	336.9668	43° 39' 52.80186" N	94° 26' 36.67070" W	337.002	
	Lakefield	MNLK	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 38' 19.31804" N	95° 07' 06.89133" W	432.8231	43° 38' 19.31770" N	95° 07' 06.89118" W	432.849	
	New Albin	IANA	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 29' 49.45265" N	91° 17' 26.49734" W	173.2432	43° 29' 49.45244" N	91° 17' 26.49752" W	173.268	
	Prosper	MNPS	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 30' 53.82195" N	91° 53' 06.82411" W	381.9047	43° 30' 53.82190" N	91° 53' 06.82383" W	381.914	
	Rushmore	MNRM	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 38' 14.53087" N	95° 46' 12.43730" W	489.7472	43° 38' 14.53101" N	95° 46' 12.43736" W	489.764	
Sioux Falls	SFSD	MnDOT	TRIMBLE NETR9	TRM57971.00 NONE	43° 34' 19.39029" N	96° 43' 42.61561" W	428.2950	43° 34' 19.39026" N	96° 43' 42.61558" W	428.280		
MO	Albany	MOAL	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 15' 20.75462" N	94° 17' 58.90415" W	254.8542	40° 15' 20.75423" N	94° 17' 58.90391" W	254.859	
	Canton	MOCN	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 08' 36.68893" N	91° 32' 37.66728" W	159.3986	40° 08' 36.68890" N	91° 32' 37.66723" W	159.400	
	Edina	MOED	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 11' 11.65663" N	92° 10' 30.28766" W	194.6535	40° 11' 11.65647" N	92° 10' 30.28759" W	194.657	
	Maryville	MOMV	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 21' 29.38601" N	94° 50' 48.02164" W	278.9093	40° 21' 29.38592" N	94° 50' 48.02144" W	278.923	
	Milan	MOML	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 12' 37.76069" N	93° 06' 57.87627" W	227.2782	40° 12' 37.76072" N	93° 06' 57.87605" W	227.280	
	Princeton	MOPN	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 25' 02.46886" N	93° 34' 39.03763" W	274.2838	40° 25' 02.46875" N	93° 34' 39.03746" W	274.285	
	Tarkio	MOTK	MoDOT	TRIMBLE NETR5	TRM57971.00 NONE	40° 26' 14.12989" N	95° 21' 04.35681" W	252.9568	40° 26' 14.12979" N	95° 21' 04.35661" W	252.968	
WI	Lancaster	WLNC	WiDOT	TRIMBLE NETR9	TRM57971.00 NONE	42° 50' 15.64296" N	90° 42' 41.03176" W	281.8899	42° 50' 15.64299" N	90° 42' 41.03145" W	281.925	
	Seneca	SECA	WiDOT	TRIMBLE NETR5	TRM57971.00 NONE	43° 15' 23.67682" N	90° 58' 37.61529" W	360.2667	43° 15' 23.67693" N	90° 58' 37.61504" W	360.304	
	Shullsburg	SHRG	WiDOT	TRIMBLE NETR5	TRM57971.00 NONE	42° 34' 47.02163" N	90° 08' 34.11949" W	292.3146	42° 34' 47.02158" N	90° 08' 34.11940" W	292.343	

NOTES:

- 1) January 7, 2019, the laRTN started operating with new NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(2011) Epoch 2010.00 positions. The network was readjusted after replacing the old hardware.
- 2) January 7, 2013, the laRTN started operating with NAD83(2011) Epoch 2010.00 reference station positions, which replaced the previous NAD83(CORS96) Epoch2002.00 positions.