

# New NCE Station Bridgman MI and Proposed Upgrade

## New NCE Bridgman

ASR 1007583

Latitude: 41-59-24.05 N

Longitude: 086-31-47.02 W

ERP: 1.00 kW

Channel: 206

Frequency: 89.1 MHz

AMSL Height: 274.5 m

Elevation: 193.5 m

Horiz. Pattern: Directional

Vert. Pattern: No

Prop Model: None

Contour: FCC F(50-50) 60.00 dBu (FCC HAAT)

Population Database: 2010 US Census (PL)

Total Population: 67,110

Housing Units: 31,236

Total Area: 664.5 sq. km

Area over Water: 410.73 sq. km

Net Area over Land: 253.8 sq. km

## 767138.C.P

0000167521

Latitude: 41-59-23.95 N

Longitude: 086-31-47.22 W

ERP: 2.50 kW

Channel: 206

Frequency: 89.1 MHz

AMSL Height: 275.0 m

Elevation: 194.0 m

Horiz. Pattern: Directional

Vert. Pattern: No

Prop Model: None

Munn-Reese.com

New NCE Bridgman (206)

767138.C.P (206)

FCC F(50-50) 60.00 dBu (FCC HAAT)

FCC F(50-50) 60.00 dBu (FCC HAAT)

Scale 1:500,000

0 7 14 21 km

V-Soft Communications LLC ©

Goshen

<div> <div>Proposed Allocation</div> <div>West Central Michigan Media M</div> <div>CH# 206A - 89.1 MHz, Pwr= 2.5 kW DA, HAAT= 84.0 M, COR= 275 M</div> <div>Average Protected F(50-50)= 21.32 km</div> <div>Standard Directional</div> </div>												
REFERENCE											DISPLAY DATES	
41 59 24.10 N.											DATA 08-25-22	
86 31 47.30 W.											SEARCH 08-30-22	
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*	
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)	
206A	767138	CP	DCN	0.0	0.00	41 59 24.10	1.000		---Reference---			
Bridgman		MI		0.0	0000167521	86 31 47.30	84	275	West Central Michigan Medi			
206A	WLPR-FM	CP	DCN	223.0	101.02	41 19 22.50	4.900	84.3	27.7	0.1	17.6	
Lowell		IN		42.5	0000157769	87 21 19.80	112	323	Northwest Indiana Public B			
204B	WSIS	CP	DCN	28.5	33.40	42 15 13.90	50.000	3.0	30.9	9.3	0.5	
Riverside		MI		208.6	0000162243	86 20 09.70	117	307	Smile FM			
205A	WSND-FM	LIC	_CN	148.3	50.20	41 36 19.20	3.400	41.0	26.9	0.7	11.3	
Notre Dame		IN		328.5	BLED19980812KB	86 12 45.00	110	348	Voice Of The Fighting Iris			
260B	WQLQ«	LIC	NCN	101.9	15.18	41 57 42.20	50.000	3.0	30.9	14.5R	0.7M	
Benton Harbor		MI		282.1	BLH19990210KC	86 21 02.10	124	337	wsjm, Inc.			
204B1	WSIS	LIC	_CN	28.5	33.41	42 15 14.10	6.000	2.9	29.7	9.4	1.7	
Riverside		MI		208.7	BLED20081124ABA	86 20 09.10	117	307	Smile FM			
206B	WBOI	LIC	DCN	130.8	149.49	41 06 13.10	34.000	130.2	50.5	10.7	70.8	
Fort Wayne		IN		311.7	BLED19940406KA	85 10 43.80	184	429	Northeast Indiana Public R			
207B	WGNB	LIC	DCN	25.1	104.16	42 50 14.10	30.000	71.1	47.8	11.5	24.5	
Zeeeland		MI		205.5	BLED19881221KA	85 59 17.10	152	355	The Moody Bible Institute			
206A	WIDR	LIC	_CN	66.3	81.87	42 16 55.10	0.100	20.8	6.2	43.2	14.7	
Kalamazoo		MI		247.0	BLED19881031KA	85 37 05.00	57	319	Western Michigan Universit			
209A	767359	CP	DCN	33.6	41.48	42 18 02.30	0.750	0.8	7.1	19.5	32.3	
South Haven		MI		213.7	0000167496	86 15 03.30	49	246	West Central Michigan Medi			
208B1	WBEW	LIC	DCN	227.7	58.43	41 38 06.10	4.000	3.2	35.3	38.3	21.5	
Chesterton		IN		47.3	BLED20081027AAD	87 02 59.10	182	380	Chicago Public Media Inc			
206A	WLPR-FM	LIC	_CN	223.1	101.02	41 19 24.10	1.100	62.5	19.6	22.0	25.7	
Lowell		IN		42.5	BLED20130320ACC	87 21 22.10	112	323	Northwest Indiana Public B			
209A	WUBS	LIC	_CN	146.8	41.02	41 40 51.10	1.500	1.6	11.2	31.0	29.1	
South Bend		IN		327.0	BLED19930128KA	86 15 34.00	24	255	Icu Ministries, Inc.			
207A	WIKV	LIC	_CN	167.5	73.15	41 20 51.20	1.400	25.5	17.3	37.4	41.6	
Plymouth		IN		347.6	BMLED20140610AAC	86 20 23.00	76	317	Educational Media Foundati			
207B1	WNUR-FM	LIC	_CN	274.6	94.92	42 03 12.10	7.200	28.9	19.6	42.9	40.7	
Evanston		IL		93.9	BLED1609	87 40 33.20	30	218	Northwestern University			
206A	WOKL	LIC	DCN	290.6	130.52	42 23 35.20	0.550	26.6	7.9	80.8	49.7	
Round Lake Beach		IL		109.6	BMLED20140103ABE	88 01 04.90	127	356	Educational Media Foundati			
205A	WWHN-FM	LIC	DCN	249.5	88.06	41 42 30.10	0.100	8.4	5.9	60.1	53.4	
Irondale		IL		68.8	BLED20141001CDE	87 31 25.10	28	209	Hawkins Communications Com			
203B1	WGNC-FM	LIC	DCN	97.0	80.51	41 53 51.20	15.000	2.3	24.7	64.9	54.3	
Constantine		MI		277.7	BLED20130104ACE	85 33 51.00	108	361	Christian Radio Friends, I			
208B1	WOFR	LIC	DCN	79.4	75.28	42 06 38.10	10.000	1.9	18.6	57.9	55.1	
Schoolcraft		MI		260.0	BMLED20130530AMJ	85 37 56.90	42	305	Family Stations, Inc.			
206A	WONC	LIC	_CN	260.8	139.85	41 46 34.10	1.500	50.9	13.7	67.4	57.6	
Naperville		IL		79.7	BLED19940809KC	88 11 41.20	50	264	North Central College			
207A	WKKC	LIC	DEN	256.2	95.12	41 46 48.10	0.280	8.2	5.8	66.1	58.7	
Chicago		IL		75.4	BLED20070925AHP	87 38 38.10	34	216	Board Of Trustees Of Commu			
203A	WTMK	LIC	DCN	208.5	86.64	41 18 15.10	3.400	2.2	24.0	69.8	61.0	
Wanatah		IN		28.2	BLED20150320ABA	87 01 30.10	110	318	Olivet Nazarene University			
204A	WGVE-FM	LIC	_HN	233.7	81.36	41 33 15.10	2.100	1.6	13.0	62.3	66.9	
Gary		IN		53.2	BLED714	87 19 05.10	28	219	Gary Community School Corp			
205A	WMXM	LIC	_CN	285.5	110.95	42 14 59.10	0.295	14.2	10.2	73.7	66.1	
Lake Forest		IL		104.6	BLED20100322ABP	87 49 44.20	29	233	Lake Forest College			
205A	WRRG	LIC	DCN	266.1	108.37	41 54 56.10	0.100	9.4	6.5	76.6	68.4	
River Grove		IL		85.2	BLED19860926KC	87 50 12.20	39	234	Triton College, Community			

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2	
										*IN* (Overlap	*OUT* in km)
206A	767138 Bridgman	CP	D01 MI	4.0 0.0	0.00	41 59 24.10 86 31 47.30	50.000 117		---Reference--- 08-25-22		08-30-22
203A	WHPK Chicago	LIC	DCN IL	255.9 75.2	91.49 BLED20160219ABT	41 47 04.50 87 36 01.00	0.160 45	0.8 225	7.8 University Of Chicago	69.9	81.8
206A	WOCR Olivet	LIC	_CN MI	68.6 249.7	141.37 BLED20100908ACJ	42 26 31.10 84 55 29.90	0.500 25	31.4 303	9.3 Board Of Trustees/olivet C	92.4	72.1
205A	WARG Summit	LIC	DEN IL	257.8 76.9	108.16 BLED19851106KC	41 46 36.10 87 48 17.20	0.500 25	6.5 218	4.6 Community High School Dist	80.6	72.5
206A	WBSD Burlington	CP	DCN WI	298.7 117.5	160.84 0000129814	42 40 16.70 88 15 22.70	0.400 20	22.5 269	6.7 Burlington Area School Dis	115.3	81.2
206A	WBSD Burlington	LIC	_CN WI	298.4 117.3	161.93 BLED20020830ADH	42 40 14.10 88 16 18.30	0.210 28	22.7 267	6.8 Burlington Area School Dis	116.2	82.3
205A	WBLU-FM Grand Rapids	LIC	_CN MI	33.5 214.1	133.47 BLED19930712KB	42 59 15.10 85 37 26.10	0.650 122	28.3 341	19.2 Blue Lake Fine Arts Camp	83.9	82.9
203A	WGBK Glenview	LIC	DCN IL	277.6 96.7	108.36 BLED19990913AAD	42 06 39.10 87 49 56.20	0.185 32	1.0 226	7.7 Glenbrook High School Dist	84.3	98.5
205A	WGEN-FM Monee	LIC	_VN IL	238.4 57.6	121.10 BLED20080125ACC	41 24 48.00 87 46 03.00	0.100 54	10.4 275	7.2 wild world Media, Inc.	92.9	87.5
204B1	WQKV Warsaw	LIC	DCN IN	150.5 330.9	108.48 BLED20140505ACB	41 08 20.00 85 53 31.00	15.000 82	1.8 342	19.7 Educational Media Foundati	97.9	88.0
203A	WHFH Flossmoor	LIC	DCN IL	243.2 62.5	108.29 BLED20151022ADV	41 32 44.10 87 41 31.10	1.500 33	1.6 236	12.7 Community High School Dist	88.1	94.0
205B1	WYMS Milwaukee	LIC	_CN WI	318.0 137.1	165.88 BLED20060630AGJ	43 05 26.00 87 53 50.30	1.450 289	51.8 484	34.5 Milwaukee Board Of School	91.1	96.9
204A	WRSE Elmhurst	LIC	DCN IL	265.4 84.4	117.56 BLED20080812ACW	41 53 46.10 87 56 45.20	0.320 29	0.2 236	4.0 Bd. Of Trustees, Elmhurst	95.0	111.5
209A	WSPB Bedford	LIC	DCN MI	63.3 244.2	117.63 BLED20140515AFJ	42 27 27.10 85 14 53.00	4.500 75	2.0 354	20.5 Holy Family Radio, Inc.	97.3	95.4
206A	767953 Shelby	CP	_CN MI	7.1 187.3	188.95 0000167779	43 40 34.00 86 14 20.00	0.450 199	65.8 439	21.7 Full Potential Ministry	100.8	95.7
203A	WHSD Hinsdale	LIC	DEN IL	259.5 78.6	118.35 BLED19860522KA	41 47 18.10 87 56 02.20	0.125 40	0.2 254	4.6 Hinsdale Twsp. High Sch. D	96.8	111.8
205A	WHEY North Muskegon	LIC	DCN MI	6.0 186.2	144.14 BLED20081121AME	43 16 45.00 86 20 32.20	1.000 48	20.2 233	13.6 Muskegon Community Radio B	101.7	97.4
209B	WONU Kankakee	LIC	_CN IL	230.7 49.8	145.01 BLED19860908KA	41 09 24.10 87 52 16.10	35.000 126	4.8 322	44.4 Olivet Nazarene University	123.0	99.0
203A	WGVU-FM Allendale	LIC	_CN MI	21.3 201.7	127.44 BLED20120522AGA	43 03 24.10 85 57 37.20	4.000 90	2.5 291	25.9 Grand Valley State Univers	103.3	99.5

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Terrain database is NED 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference zone= - Zone 1, Co to 3rd adjacent.  
All separation margins (if shown) include rounding.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
« = Station meets FCC minimum distance spacing for its class.  
Reference station has protected zone issue: Canada