



(REFERENCE COPY - Not for submission)
 Minor Modification of a Licensed Facility for FM Translator
 Application

File Number: **0000129426** | Submit Date: **12/07/2020** | Lead Call Sign: **W251CP** | FRN: **0018372987**
 Service: **FM Translator** | Purpose: **Minor Modification** | Status: **Pending** | Status Date: **12/07/2020** | Filing Status:
Active

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	No
Waivers	Does this filing request a waiver of the Commission's rule (s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MID OHIO VALLEY RADIO CORPORATION Doing Business As: MID OHIO VALLEY RADIO CORPORATION	Thomas P. Taggart PO Box 374 ST. MARYS, WV 26170 United States	+1 (304) 684-3400	TPT@SEVENRANGESRADIO.COM	Company

Contact Representatives (1)

Contact Name	Address	Phone	Email	Contact Type
THOMAS P. Taggart <i>Attorney</i> Mid Ohio Valley Radio Corp.	Thomas P. Taggart 733 FOURTH ST. MARIETTA, OH 45750 United States	+1 (740) 568-8170	TPT@SevenRangesRadio.Com	Legal Representative

Legal Certifications

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	

	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	
Character Issues	<p>Applicant certifies that neither the applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(a) any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	Yes
Adverse Findings	Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any laws related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	Yes
Program Service Certification	Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.	Yes
Local Public Notice	Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	
Equal Employment Opportunity (EEO)	If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.	N/A
Operational Compliance	Applicant certifies that it is not the licensee or permittee of the commercial primary station being rebroadcast and that neither it nor any parties to the application have any interest in or connection with the commercial primary station being rebroadcast? See 47 C.F.R. Section 74.1232(d).	
	Applicant certifies that the FM translator's (a) 1mV/m coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 1mV/m coverage contour is contained within the greater of either: (i) the 2 mV/m daytime contour of the commercial AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the commercial AM primary station's transmitter site.	
Support Compliance	The applicant, if for a commercial FM translator station with a coverage contour extending beyond the protected contour of the commercial primary station being rebroadcast, certifies that it has not received any support, before or after constructing, directly or indirectly, from the licensee /permittee of the primary station or any person with an interest in or connection with the licensee or permittee of the primary station, except for technical assistance as provided for under 47 C.F.R. Section 74.1232(e).	N/A
Rebroadcast Certification	For applicants proposing translator rebroadcasts that are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.	N/A
Station Ready for Operation	Applicant certifies that station is now in satisfactory operating condition and ready for regular operation.	

Programming	The applicant certifies that it is the licensee of the primary station or the applicant certifies that written authority has been obtained from the licensee of the primary station whose programming is to be retransmitted.	
Eligibility Certifications	The applicant certifies that it is a:	
	If the applicant is submitting multiple applications, is this application the "priority" application? See Creation of a Low Power Radio Service, Memorandum Opinion and Order on Reconsideration, 15 FCC Rcd 19208, 19239-40, 79-80, paras. 79-80 (2000).	
	The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application.	
	The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.	
Community-Based Criteria	Applicants must certify that they are local to be eligible for LPFM authorizations. An applicant must select "yes" to at least one of the certifications below to be eligible for an LPFM license. The applicant certifies that: it is a nonprofit educational institution or organization that is physically headquartered or has a campus within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application	
	it is a nonprofit educational institution or organization that has 75 percent of its board members residing within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application	
	it is a Tribe and its Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station; or it is a Tribal organization owned or controlled by a Tribe (or Tribes) and such Tribe's (or Tribes') Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station. See 47 C.F.R. Sections 73.853(c) and 73.7000.	
	it proposes a public safety radio service and has jurisdiction within the service area of the proposed LPFM station.	
Ownership	The applicant certifies that: no party to this application has an attributable interest in any low power FM broadcast station	
	1. no party to this application has an attributable interest in any non-LPFM broadcast station, including any full power AM or FM station, FM translator station, full or low power television station, or any other media subject to the Commission's broadcast ownership restrictions	

	2. no party to this application has pending an application for a low power FM, full power AM or FM station, FM translator station, or full or low power television station;	
	the applicant is in compliance with the Commission's policies relating to media interests of immediate family members; and	
	the applicant is in compliance with the Commission's policies relating to investor insulation and the non-participation of non-party investors and creditors.	
Unlicensed Operation	The applicant certifies, under penalty of perjury, that neither the applicant nor any party to the application has engaged in any manner, individually or with other persons, groups, organizations, or other entities, in the unlicensed operation of any station in violation of Section 301 of the Communications Act of 1934, as amended, 47 U.S.C. Section 301.	
Financial	The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.	
Holding Period Certifications	Applicant certifies that this application does not propose a modification to an authorization that was awarded on the basis of a preference for fair distribution of service pursuant to 47 U.S.C. Section 307(b).	
	Applicant certifies that this application does not propose a modification to an authorized station that received a credit for superior technical parameters under the point system selection method in 47 C.F.R. Section 73.7003.	
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b)	Applicant certifies that the proposed station will provide a first rural (reception) service.	
	Applicant certifies that: (a) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000; (b) the facilities proposed in this Application will provide Tribal Coverage, as defined in 47 C.F.R. Section 73.7000, of Tribal Lands occupied by the applicant Tribe(s); (c) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and (d) the proposed facility would be the first local Tribal-owned noncommercial educational transmission service at the proposed community of license	
	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people.	
	Applicant certifies that the proposed station will provide a second noncommercial educational aural service, or an aggregated first and second noncommercial educational aural service, to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people.	
Auction Authorization	If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.	

Tribal Priority – Threshold Qualifications	Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window?	
Petition for Rulemaking /Counterproposal to Add New FM Channel to FM Table of Allotments	This application is being submitted concurrently with a Petition for Rulemaking or Counterproposal to Amend the FM Table of Allotments (47 C.F.R. Section 73.202) to add a new FM channel allotment. The petitioner/counter-proponent certifies that, if the FM channel allotment requested is allotted, petitioner/counter-proponent will apply to participate in the auction of the channel allotment requested and specified in this application.	

Channel and Facility Information

Section	Question	Response
Program Test Authority	The application is operating pursuant to automatic program test authority	
	The applicant is requesting program test authority	
Proposed Community of License	State	West Virginia
	City	PARKERSBURG
	Channel	251
	Frequency	98.1
Facility Type	Facility Type	Commercial
Station Class	Station Class	D

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1285964
Coordinates (NAD83)	Latitude	39° 20' 17.6" N+
	Longitude	081° 29' 56.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	59.4 meters
	Support Structure Height	59.4 meters
	Ground Elevation (AMSL)	304.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:58 meters Vertical:58 meters
	Height of Radiation Center Above Average Terrain	Horizontal: Vertical:
	Height of Radiation Center Above Mean Sea Level	Horizontal:362.8 meters Vertical:362.8 meters
	Effective Radiated Power	Horizontal:.25 Vertical: .25
	Transmitter Power Output	--
Proposed Allotment or Assignment - Coordinates (NAD83)	Latitude	--
	Longitude	--

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Non-Directional
Primary Station	Call Sign	WVAM
	Facility ID	73353
	Frequency	1450.0
	Channel	0
	Service Code	AM
	City	PARKERSBURG
	State	WV
Delivery Method	Delivery Method	Microwave
	If Other, Please specify:	
Transmitting Antenna	Manufacturer:	SWR
	Model	FM 1/1
	Antenna Number of Sections:	
	Antenna Spacing Between Sections:	

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
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Additional Azimuths

Degree	Value
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**Technical
Certifications**

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No
Broadcast Facility	Does the proposed facility comply with the applicable engineering standards and assignment requirements of 47 C.F.R. Sections 73.203, 73.207, 73.213, 73.315, 73.509, 73.515, 73.525, and 73.1125?	
Contour Protection	Does the proposed facility request processing pursuant to the contour protection provisions of 47 C.F.R Section 73.215?	No
Community of License Change - Section 307(b)	Is the application being submitted to change the facility's community of license? If 'Yes', an exhibit is required containing information demonstrating that the proposed community of license change constitutes a preferential arrangement of assignments under Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b))	
Proposal Compliance	Does the applicant certify that the proposal is for a fill-in translator or booster?	Yes
	Does the applicant certify that the proposal complies with Sections 74.1204, 74.1205, 74.1232, 74.1234 and 74.1235?	Yes

Interference	Does the applicant certify that the proposed facility complies with the engineering requirements of 47 CFR Section 73.807 (a) through (g), 73.825 and 73.827(a)?	
Transmitter Power Output	Does the operating transmitter power output produce the authorized effective radiated power?	
Constructed Facility	The facility was constructed as authorized in the underlying construction permit or complies with 47 C.F.R. Section 74.1251?	
Special Operating Conditions	Was the facility constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit?	
Environmental	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Thomas P. Taggart <i>President</i> 12/07/2020

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
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Technical Exhibit
W251CP, Parkersburg, WV
Mid Ohio Valley Radio Corporation

Ch. 251, 98.1 MHZ.

250 watts at 362.8 meters AMSL

39° 20' 17.7"; 81° 29' 56"

Mid Ohio Valley Radio Corporation recently purchased AM station WVAM, Parkersburg, WV from Fellowship Baptist Church of Vienna, WV. The purchase included this translator, which is a fill-in translator for WVAM. The translator antenna, as well as the transmit antenna for Fellowship's WNRJ (FM), Vienna, are both mounted on a tower at this location which is owned by Mid Ohio Valley.

The purpose of this application is to improve the coverage of translator W251CP. We propose a power increase from 175 to 250 watts. We also propose to increase the antenna height from 335 meters AMSL to 363 meters. The antenna would remain on the present tower located east of Vienna, WV. However, the present two bay antenna at 30 meters AG would be replaced with a single bay antenna near the top of the tower at 58 meters AG.

A fill-in translator for an AM station must have its 60 dbu coverage area entirely within the greater of the AM station's 2 mv/m daytime contour, or a twenty five mile circle from that AM tower. Presently the translator is about one mile from the AM antenna. As part of the sales agreement, Mid Ohio Valley must relocate the AM tower off church property. Accordingly, a minor change permit was filed for an approved to move the AM tower to a new location 2 miles south-south west of translator site. **Map 5** shows the present 60 dbu contour of the translator in green, and the proposed 60 dbu contour in blue. **Map 6** shows that even after the translator's coverage is increased, the translator's 60 dbu will remain entirely inside a 25 mile circle from the new site proposed for WVAM.

Interference Concerns. See Table 1, following this discussion, distances to co-and adjacent channel stations. **Co-Channel:** There are two co-channel stations of note, WKDD, Munroe Falls, Ohio, a Class B station some 207 km, 128 miles north of this site; and WBUL, Lexington, Kentucky, a Class C-1 station located about 295 km (183 miles) southwest of this site. **Map 1** shows that the 34 DBU contour of the translator is widely separated from the protected 54 DBU contour of WKDD. WBUL is too far away from this site for the translator's interfering 40 dbu contour to be a factor.

Lower First Adjacent: Three stations of interest here on the lower adjacent channel, Ch. 250, 97.9: WKKW, Fairmont, WV; WNCI, Columbus, Ohio, and WVBD, Fayetteville, WV.

WKKW This is a Class B station at Fairmont, WV, **Map 2** demonstrates that the 48 dbu interfering contour of the translator is separated by several miles from the protected 54 dbu contour of WKKW. **WNCI:** This station is 148.87 km (92.5 miles) NW of this site. WNCI is a grandfathered Class B station, using a directional antenna. That station radiates 70,560 watts towards Parkersburg at 120°, placing the 54 dbu contour 72.4 km out, at a point northwest of Shawnee, Ohio in Perry County. On the reverse bearing (299°) towards Columbus, the translator's 48 dbu contour extends 31.15 km. towards WNCI, with that contour falling on the Washington-Morgan county line east of Chesterhill, Ohio. The two contours are separated by about 46 km (29 miles).

WVBD is a class A station, the WVBD tower at 163 km. is too distant to be a factor here.

Upper First Adjacent: On the upper first adjacent channel, Channel 252, 98.3 MHz., are two Class A stations: WCEF, Ripley, WV, and WKNA, Logan, Ohio; and a Class B-1 station WPKV, a B-1, is licensed to Duquesne (Pittsburgh) Pennsylvania.

WCEF and WKNA: **Maps 3 and 4** show the relationship of the translator's 54 dbu contour towards the 60 dbu contour of these two stations. Again, there is wide separation between

the interfering contour of the translator and the protected service contour of these two stations.

WPKV The third station of note is WPKV, Duquesne, Pennsylvania, a Class B-1 station. WPKV is 186 km (115 miles) NE of this site, too far to be a factor in this discussion.

Second and Third Adjacent Stations. The translator's 100 dbu contour must not overlap the protected service contour of these stations. In the case of Class B stations, WQBE, Charleston, WV, and WOVK, Wheeling, the interfering contour is 94 dbu. The 100 dbu contour will extend only 890 meters (.89 km or a little more than a half mile), the 94 dbu, about 1800 meters. All of the full power stations of note are more than 70 km distant (40 miles or more), the closest station is second adjacent WILE-FM, a Class A station about 79 km north of this site at Byesville, Ohio.

There are two low-power stations on 98.5, Ch. 253: WCMO, Marietta, and WVHV, Harrisville, WV.

WCMO is a Class D (10 watt) station licensed to Marietta College, the station broadcasts from the co-owned WMRT tower located above the campus. This tower is 10.18 km north of the translator site, the WCMO 60 dbu extends only 2.78 km (or less than 2 miles) from the tower. Hence the interfering contour of the translator falls well short of this station's 60 dbu contour.

WVHV-LP, at Harrisville, WV, is 42.17 km (about 26 miles) east of the translator site. Section 74.1204 (a) (4) does not specify any second adjacent protection towards LP-100 stations. In any event, the 60 dbu contour of an LP-100 station usually only extends around 10 km from the tower.

Canada: The nearest point on the Canadian border is 270.5 km at 344°--which happens to be in the middle of Lake Erie off Sandusky, Ohio. As we've noted, the 34 dbu contour of the translator falls well south of the Canadian border, near Cambridge, Ohio. Of course, the Canadian border is also 85 kilometers north of co-channel WKDD. The WKDD tower is located between Akron and Cleveland.

Environmental. This application does not involve any change in the antenna site, or the construction of a new tower. Nor will there be any change in the height of the existing tower now used for this translator.

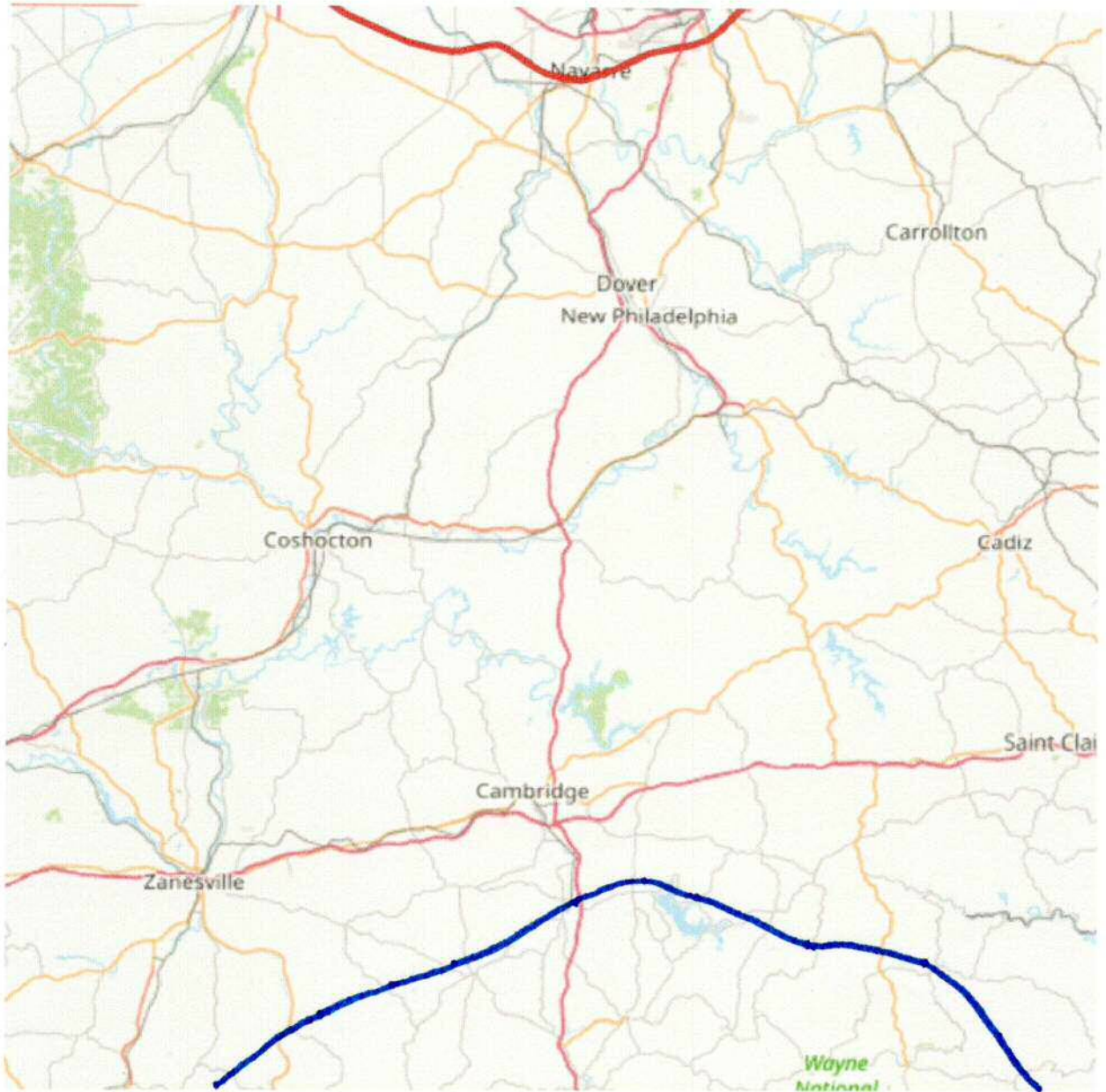
The tower (ASRN #1285964) is owned by the applicant, Mid Ohio Valley Radio Corporation. This site is 2.8 km or 8.5 wavelengths from WLTP (AM), a daytime directional station on 910 KHZ licensed to Marietta, Ohio. This tower was constructed for WVVV, Williamstown, WV in 2012. A method of moments study was conducted at that time, finding that this grounded tower would not affect the directional pattern of WLTP. In 2018, a 3 bay FM antenna was side-mounted below the WVVV antenna for station WNRJ, Vienna, WV. It was determined at that time that the addition of the WNRJ antenna and feedline would not constitute a substantial enough change to the tower to require further study under section 1.30002 of the FCC rules. Here the plans are to re-use an existing feedline now used for an RPU antenna. The present two-bay transmitting antenna at 100 feet above ground will be removed, and a new single bay circularly polarized antenna installed near the top of this tower.

Table 1: Distance and bearing towards co-channel and adjacent channel stations of note are shown. **Maps.** Map 1 shows the protected contour (in red) of co-channel WKDD, Munroe Falls, Ohio, and the projected 34 dbu interference contour, shown in blue, of the translator. Map 2 shows the protected contour of lower first adjacent channel WKKW, Fairmont, in green, and the 48 dbu contour (in blue) of the translator. Map 3 shows the protected contour of upper first adjacent channel WCEF, Ripley, WV in red, and the projected 54 dbu interfering contour of the translator in blue. Map 4 shows a different portion of this same 54 dbu interfering contour, this time towards the protected contour (in red) of upper first adjacent station WKNA, Logan, Ohio. Again, the interfering contour is in blue. Map 5 shows the present 60 dbu contour (green) and the proposed 60 dbu contour (blue) of the translator. Map 6 shows the proposed 60 dbu contour in green. A 25 mile circle, shown in red, is from the proposed new site for the WVAM antenna.

Table 1

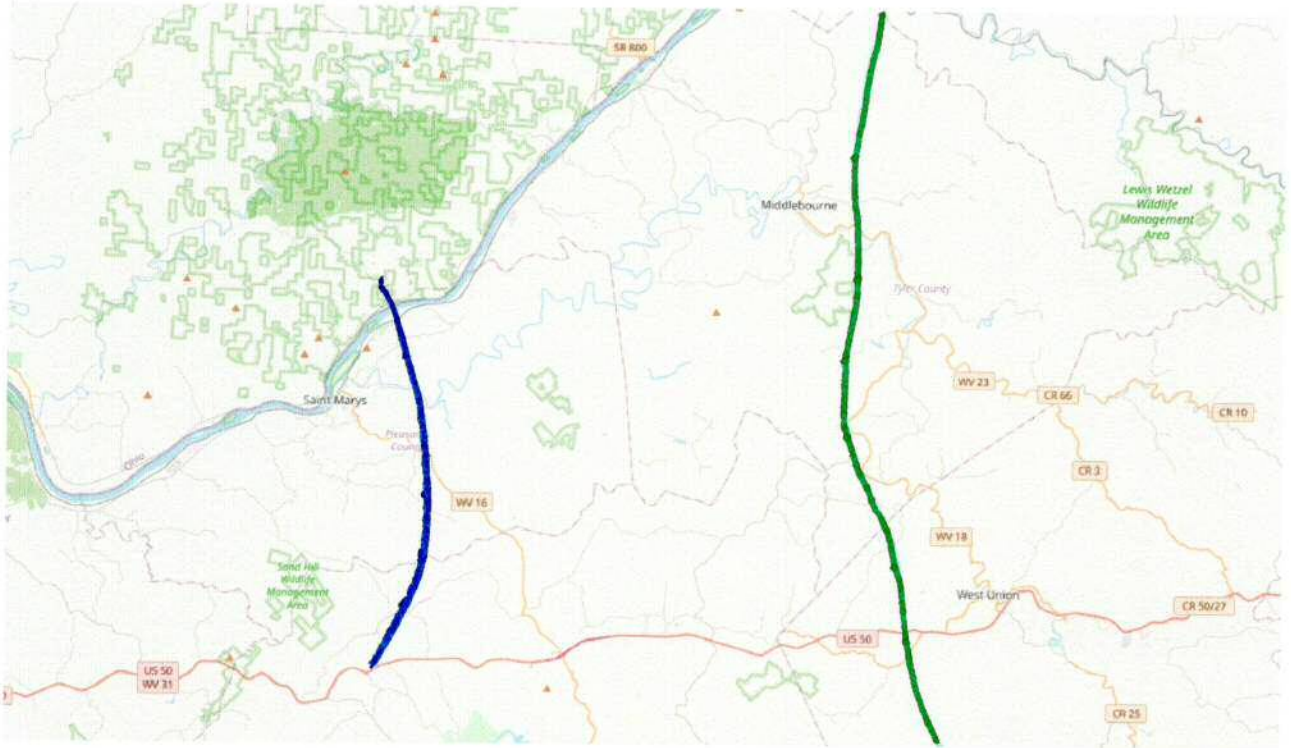
97.5	248B	WQBE	Charleston, WV	105.29 km @ 191°
97.7	249A	WILE	Byesville, Ohio	78.88 km @ 351°
	249A	WCJO	Jackson, Ohio	100.92 km @ 250°
97.9	250B	WNCI	Columbus, Ohio	148.87 km @ 299°
	250B	WKKW	Fairmont, WV	124.13 km @ 85°
	250A	WVBD	Fayetteville, WV	163.19 km @ 164°
98.1	251C1	WBUL	Lexington, KY	294.74 km @ 241°
	251B	WKDD	Monroe Falls, Ohio	206.74 km @ 359°
98.3	252A	WCEF	Ripley, WV	65.35 km @ 194°
	252A	WKNA	Logan, Ohio	79.16 km @ 286°
	252B1	WPKV	Duquesne, Pa	186.01 km @ 45°
98.5	253D	WCMO	Marietta, Ohio	10.18 km @ 29°
	253LP	WVHV	Harrisville, WV	42.17 km @ 110°
98.7	254A	WYRO	MacArthur, Oh.	96.94 km @ 258°
	254A	WRVZ	Pocatalico, WV	105.6 km @ 189°
	254B	WOVK	Wheeling, WV	103.56 km @ 37°

Map 1
WKDD, 98.1, Munroe Falls, Ohio
54 DBU
(Red Contour)



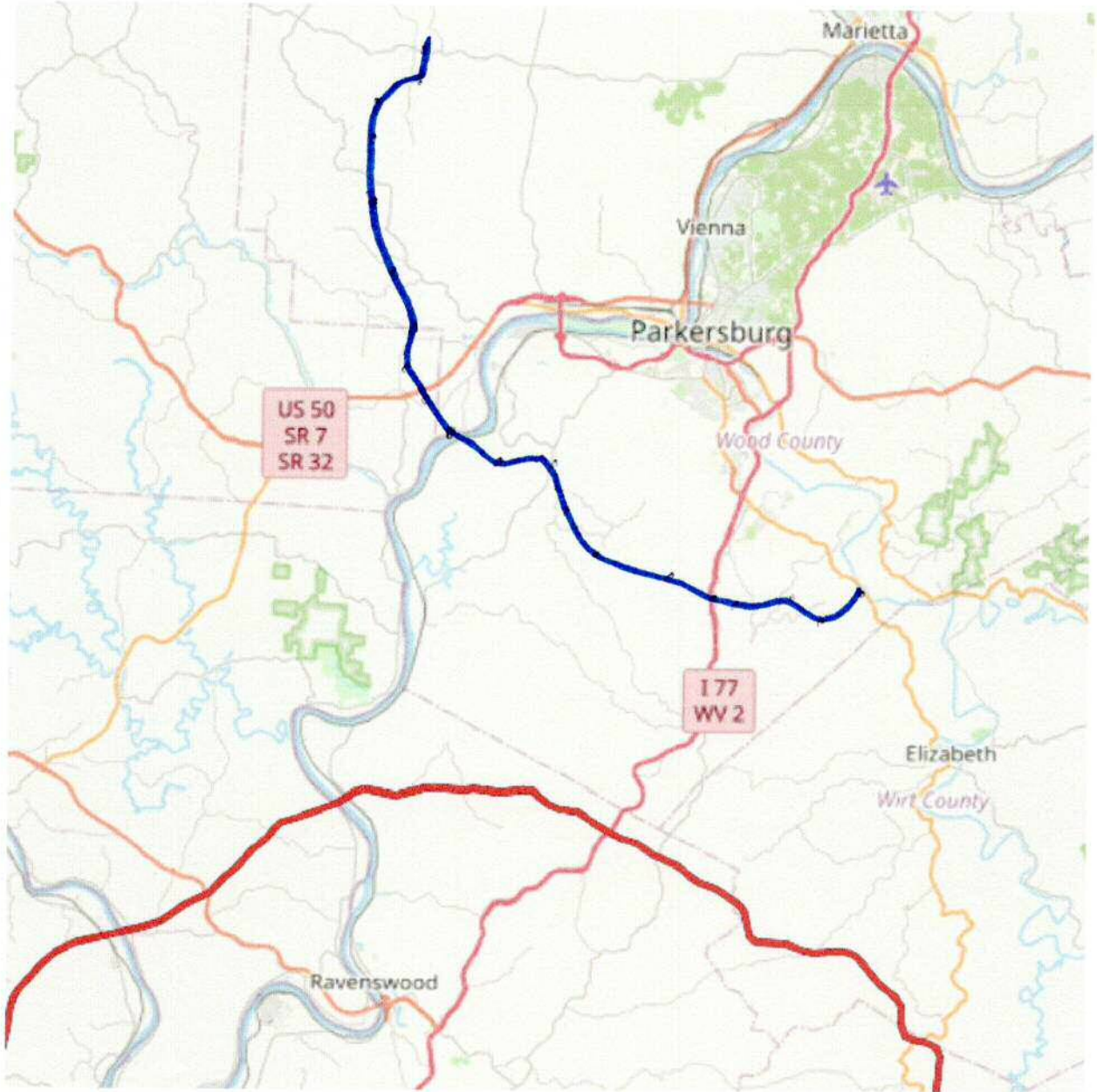
W251CP, 98.1 Parkersburg
Proposed 34 DBU
(Blue Contour)

Map 2
WKKW, 97.9, Fairmont, WV
54 DBU
(Green Contour)



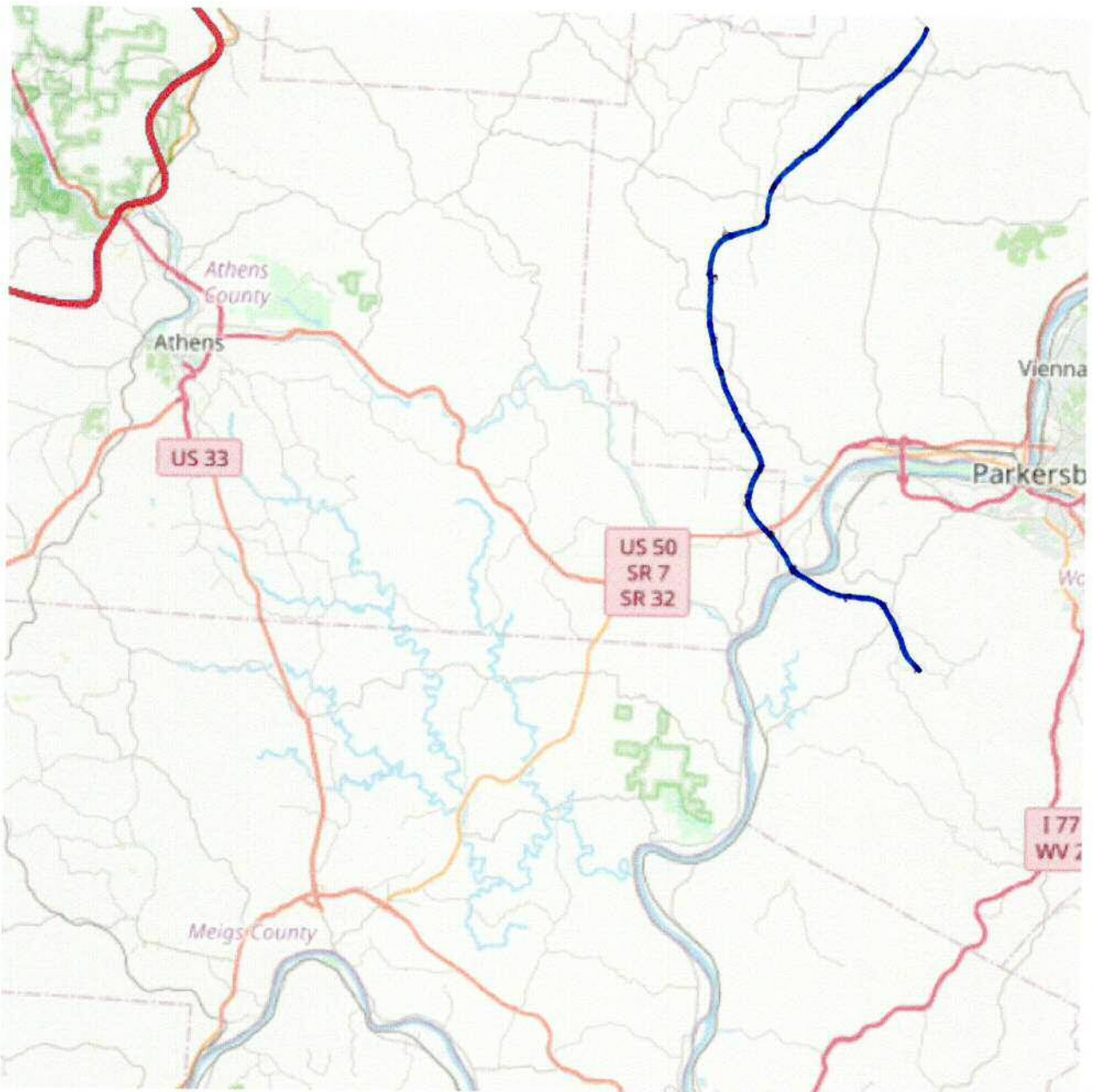
W251CP, 98.1 Parkersburg, WV
Proposed 48 DBU
(Blue Contour)

Map 3
WCEF, 98.3, Ripley, WV
60 DBU Contour
(Red Contour)



W251, 98.1, Parkersburg, WV
Proposed 54 DBU
(Blue Contour)

Map 4
WKNA, 98.3, Logan, Ohio
60 DBU Contour
(Red Contour)

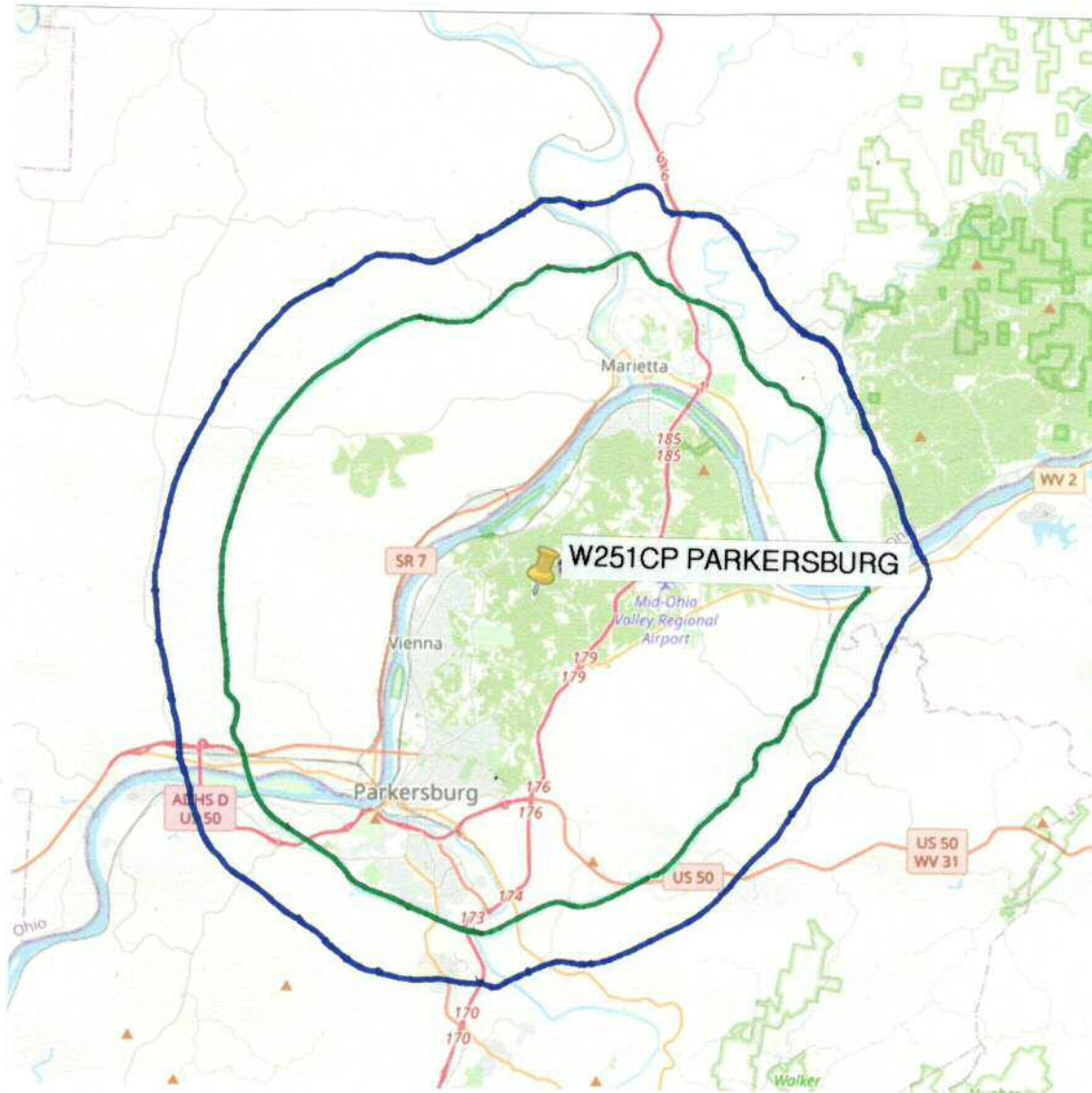


W251CP, 98.1 Parkersburg, WV
Proposed 54 DBU
(Blue Contour)

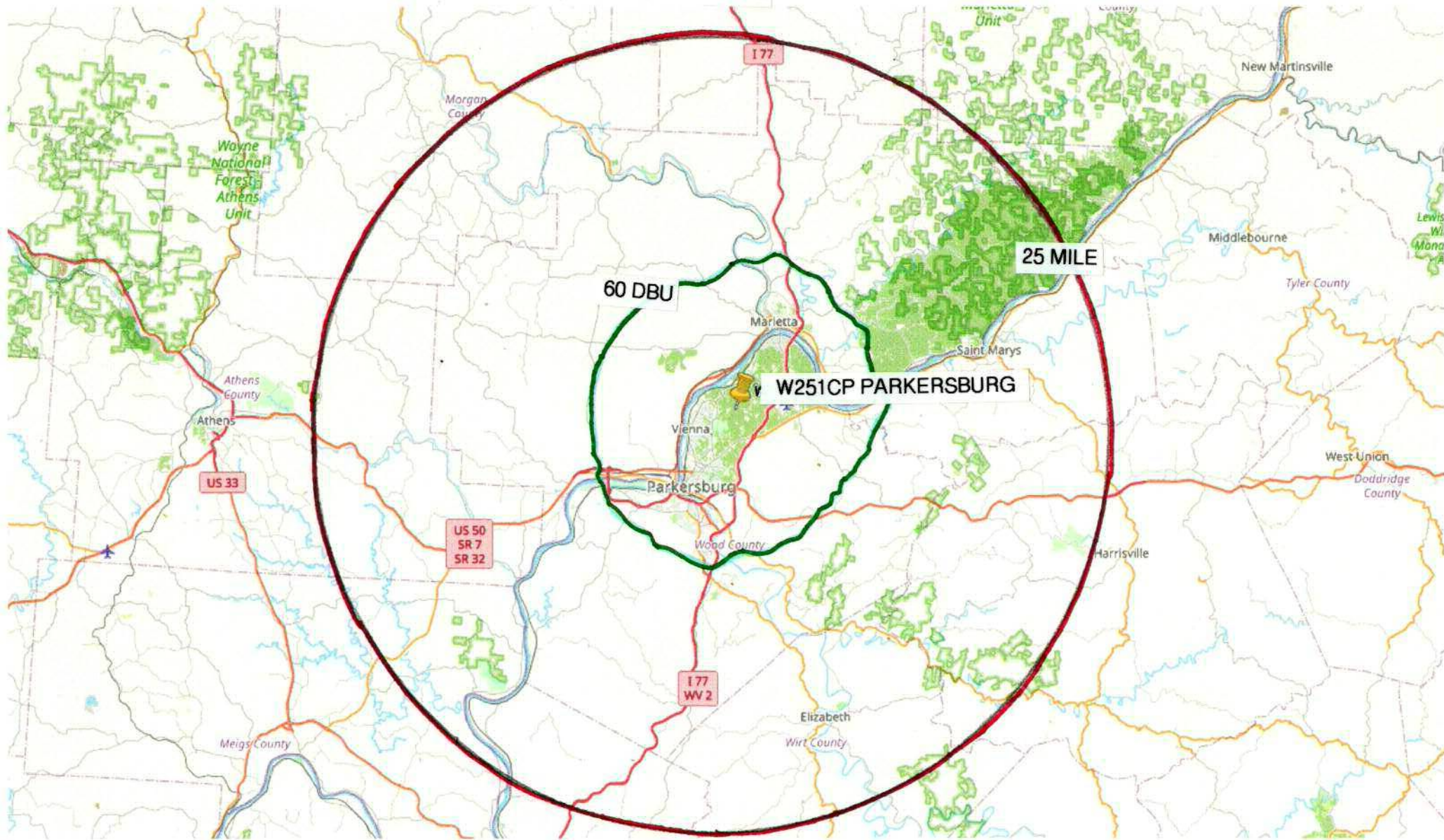
Map 5
W251CP, Parkersburg WV

60 DBU Contours

Present Contour: Green
Proposed Contour: Blue



MAP 6



25 MILE

60 DBU

W251CP PARKERSBURG

US 33

US 50
SR 7
SR 32

177
WV 2