

Exhibit12										
Bloomington, IN										
REFERENCE	CH#	276D	-	103.1 MHz,	Pwr= 0.027 kW,	HAAT=95.3 M,	COR= 295 M	DISPLAY DATES		
39 11 44 N				Average Protected F(50-50)= 7.25 km				DATA 09-08-04		
86 33 28 W		Ave. F(50-10)	40	dBu= 24.2	54	dBu= 10.3	80	dBu= 2.2	100	dBu= .4
								SEARCH 09-16-04		

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR(M)	PRO(km)	*IN*	*OUT*
CITY	STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)
276D	W276BF	CP C	0.0	0.00	39 11 44	0.019	300	6.0	-27.00*	-30.21*
Bloomington	IN		180.0	BNPFT20030730AXT	86 33 28	77	19.8	Educational Media Foundati		
279B	WFIU	LIC CN	137.7	8.01	39 08 32	34.000	397	62.4	-3.86	-55.13*
Bloomington	IN		317.7	BLH7418	86 29 43	159	5.5	Trustees Of Indiana Univer		
279B	WFIU.C	CP CX	137.9	8.04	39 08 31	29.000	413	62.7	-3.85	-55.41*
Bloomington	IN		317.9	BPH20020403AAD	86 29 43	175	5.6	Trustees Of Indiana Univer		
275A	WYGB.A«	APP NCX	79.4	39.68	39 15 37	6.000	326	25.3	-4.86	6.43
Edinburgh	IN		259.4	BPH20020206AAY	86 06 21	79	38.9	Edinburgh Radio		
275A	WYGB	LIC DC	91.0	51.82	39 11 10	3.000	301	19.1	17.53	23.74
Edinburgh	IN		271.0	BLH20000929AEX	85 57 29	61	28.0	Edinburgh Radio		
277B	WRZX«	LIC CN	21.3	83.52	39 53 43	18.000	515	68.0	-3.06	2.68
Indianapolis	IN		201.3	BLH19811015AN	86 12 04	287	80.1	Capstar Tx Limited Partner		
276A	WAKOFM	LIC CN	241.3	108.51	38 43 23	6.000	231	29.3	15.31	62.14
Lawrenceville	IL		61.3	BLH19970425KA	87 39 13	108	88.0	Lawrenceville Broadcasting		
276A	WXCH	LIC CN	90.7	110.13	39 10 38	3.000	387	25.4	25.94	63.74
Versailles	IN		270.7	BLH19850715KA	85 17 00	111	77.9	Columbus Radio, Inc.		
274B	WBOWFM	LIC CN	281.6	80.00	39 20 13	28.000	357	62.5	68.35	16.74
Terre Haute	IN		101.6	BLH19930817KC	87 28 00	176	5.5	Crossroads Investments, Ll		
273A	WNUF	LIC CN	171.7	62.58	38 38 16	6.000	289	26.7	53.81	35.51
Mitchell	IN		351.7	BLH19910826KA	86 27 11	89	2.6	Mitchell Community Broadca		
273D	AP273	APP C	347.4	56.11	39 41 19	0.050	314	7.5	48.60	48.27
Coatsville	IN		167.4	BNPFT20030313BCP	86 42 03	76	0.5	Hoosier Broadcasting Corpo		
273D	AP273	APP C	3.0	61.83	39 45 06	0.010	305	4.0	54.50	57.48
Danville	IN		183.0	BNPFT20030310BDS	86 31 10	47	0.2	Indiana Community Radio Co		
273D	W273AH	CP C	74.3	71.86	39 22 04	0.010	259	4.1	66.35	67.39
Norristown	IN		254.3	BNPFT20030707AAL	85 45 18	50	0.2	Indiana Community Radio Co		
275D	AP275	APP C	15.9	87.40	39 57 07	0.250	301	9.2	68.03	68.92
Zionsville	IN		195.9	BNPFT20030317GXD	86 16 33	49	12.8	Kaspar Broadcasting Co, In		

ERP and HAAT are on direct line to and from reference station.  
 "\*"Affixed to 'IN' or 'Out' values = site inside protected contour.  
 "«" = Station meets FCC minimum distance spacing for its class.

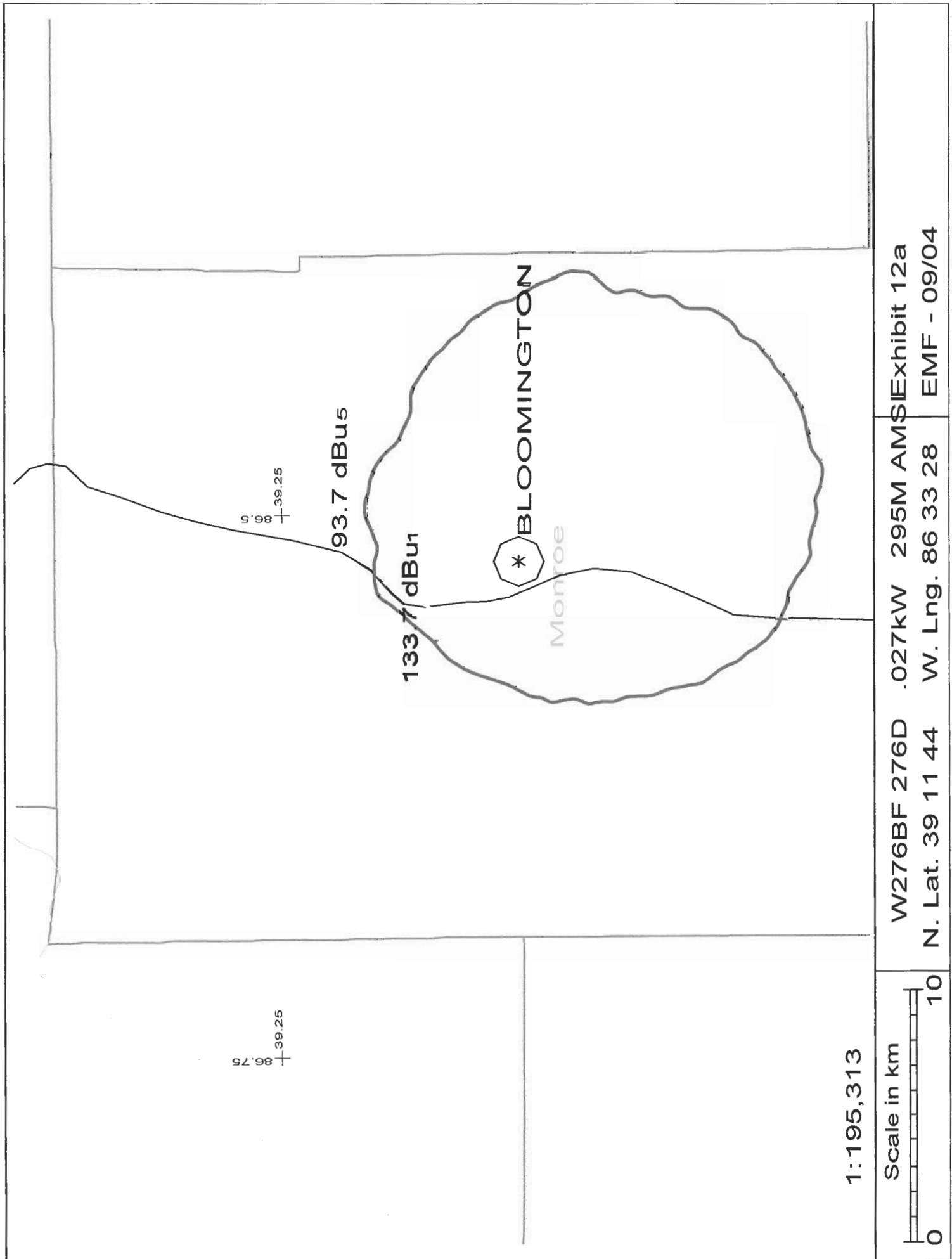
## **Exhibit 12 (Compliance with CFR 74.1204)**

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The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WFIU, channel 279B, Bloomington, IN. The predicted F(50-50) field strength of WFIU at the proposed translator site is 93.7 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 133.7 dBu. This interfering contour extends less than 8 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 54 meter level on a 62 meter tower).

To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map, which indicates a lack of structures near the proposed tower, and therefore no structure which could be tall enough to enter the 8-meter interference aperture.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



86.75 39.25

86.5 39.25

93.7 dBu5

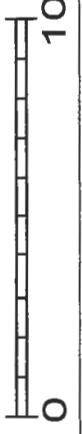
133.7 dBu1

\* BLOOMINGTON

Monroe

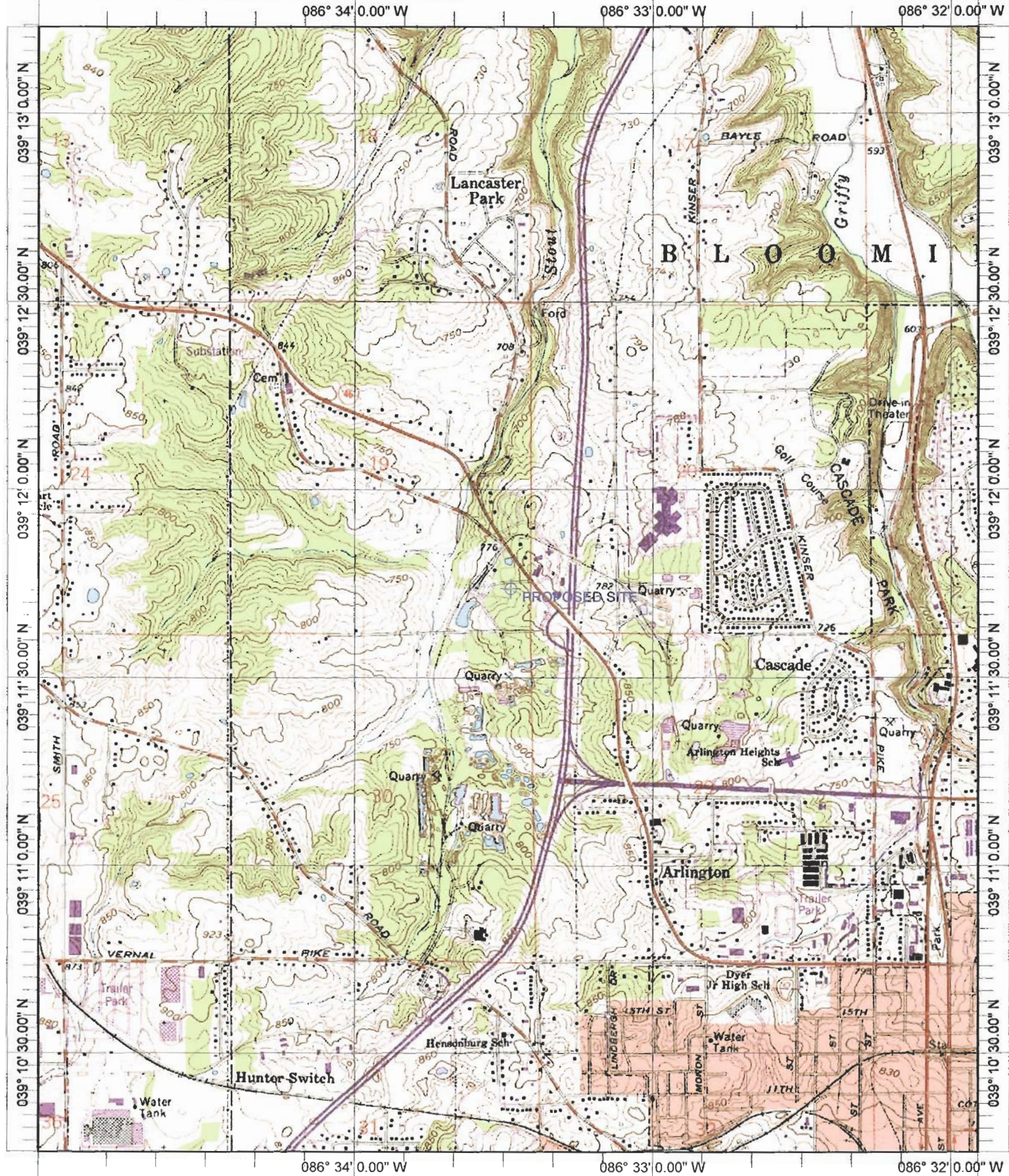
1:195,313

Scale in km



W276BF 276D	.027kW	295M AMS	Exhibit 12a
N. Lat. 39 11 44	W. Lng. 86 33 28	EMF - 09/04	





Name: BLOOMINGTON  
 Date: 9/16/2004  
 Scale: 1 inch equals 2000 feet

Location: 039° 11' 44.0" N 086° 33' 29.1" W  
 Caption: Exhibit 12  
 Site 39-11-44 / 86-33-28