

WLPK - CONNERSVILLE, IN - Proposed
Freq: 1580 kHz / Class: D
Latitude: 39-38-15 N / Longitude: 085-08-45 W
Power: 0.245 kW / RMS: 321.729 mV/m @1km
Towers: 1 - Solid Lines

WLPK - CONNERSVILLE, IN - License
Freq: 1580 kHz / Class: D
Latitude: 39-38-18 N / Longitude: 085-08-54 W
Power: 0.25 kW / RMS: 320.26 mV/m @1km
Towers: 1 - Dashed Lines

PRESENT AND PROPOSED DAYTIME PRIMARY SERVICE CONTOURS

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

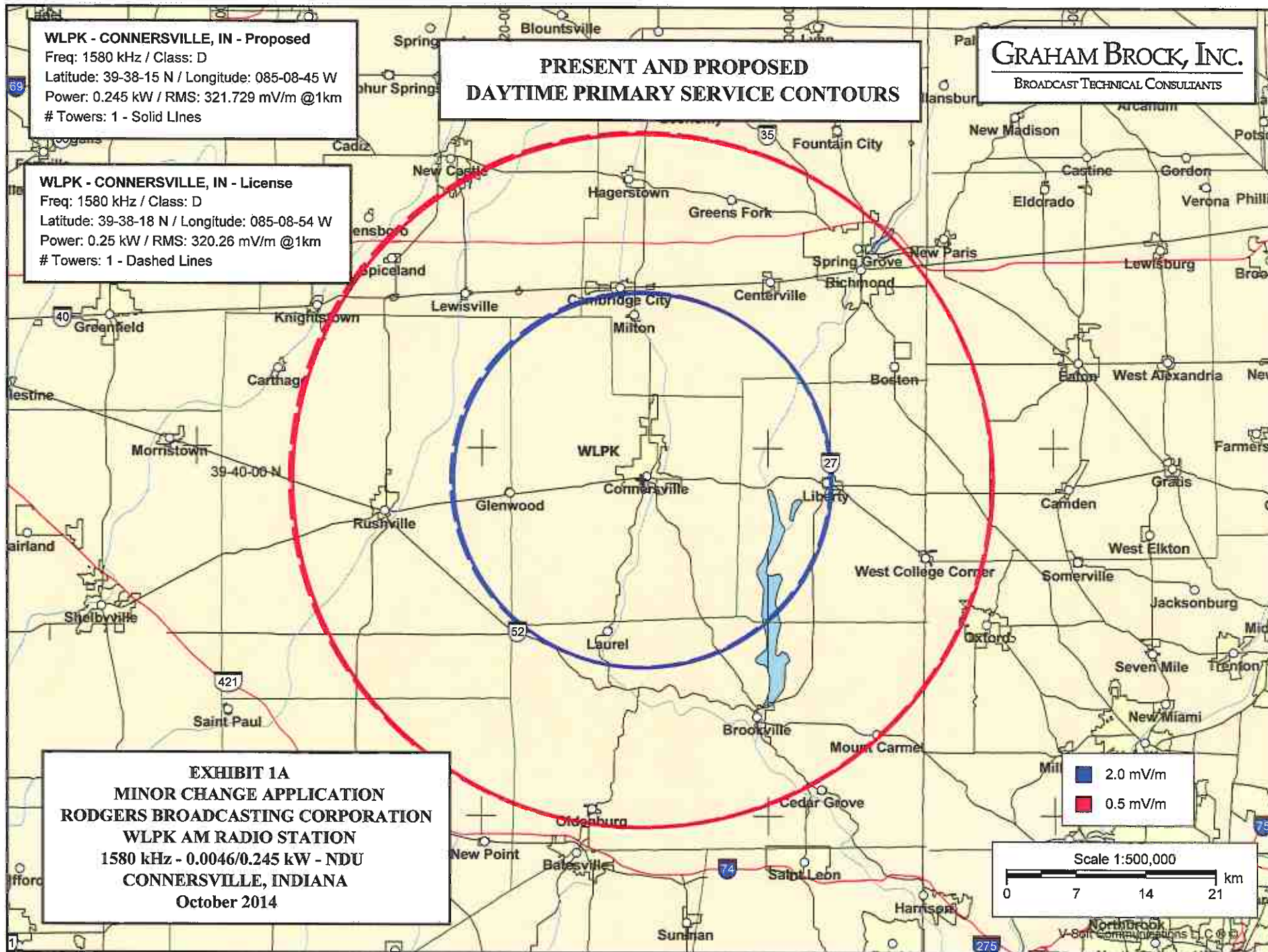


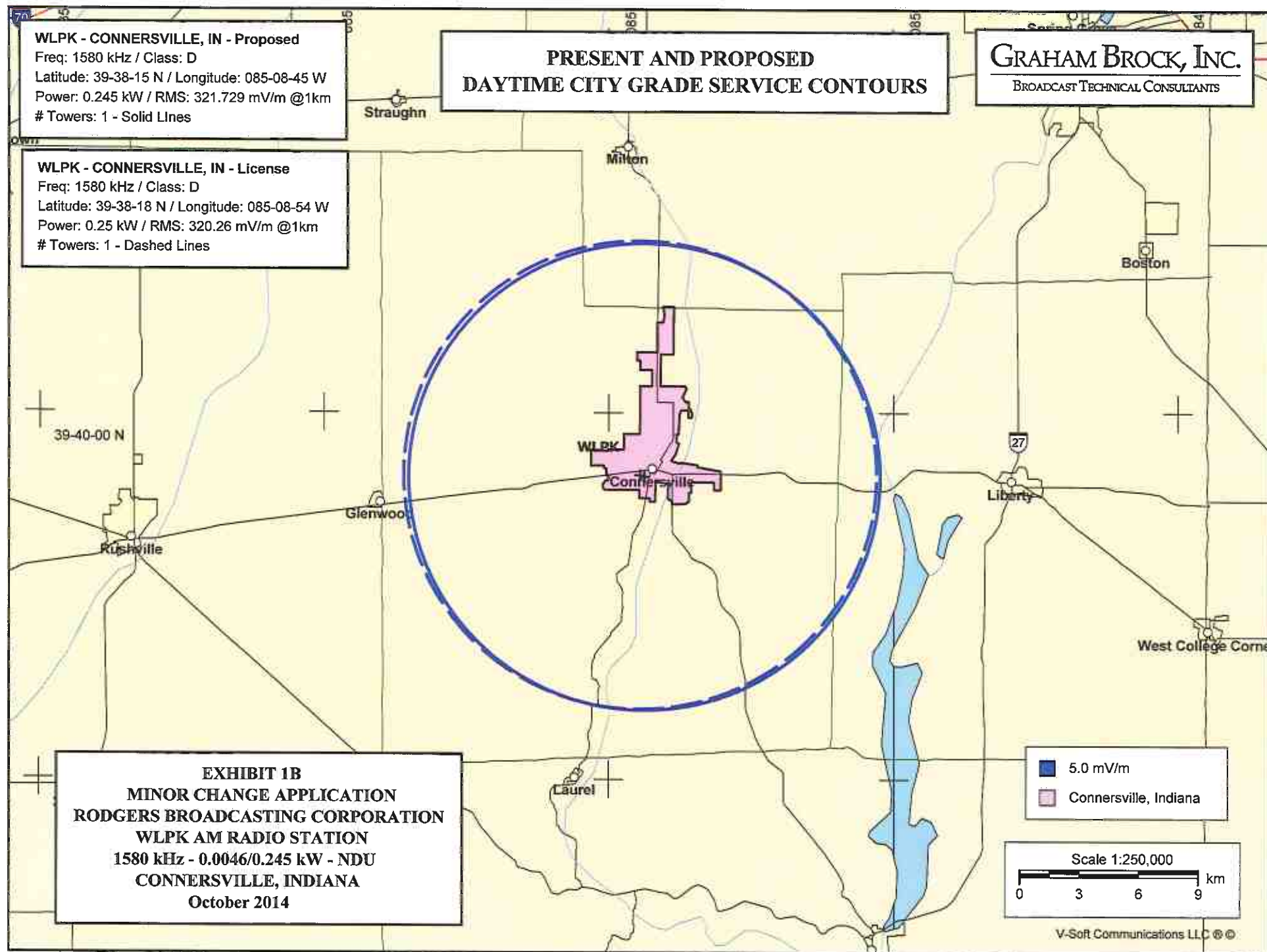
EXHIBIT 1A
MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

WLPK - CONNERSVILLE, IN - Proposed
Freq: 1580 kHz / Class: D
Latitude: 39-38-15 N / Longitude: 085-08-45 W
Power: 0.245 kW / RMS: 321.729 mV/m @1km
Towers: 1 - Solid Lines

WLPK - CONNERSVILLE, IN - License
Freq: 1580 kHz / Class: D
Latitude: 39-38-18 N / Longitude: 085-08-54 W
Power: 0.25 kW / RMS: 320.26 mV/m @1km
Towers: 1 - Dashed Lines

PRESENT AND PROPOSED DAYTIME CITY GRADE SERVICE CONTOURS

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

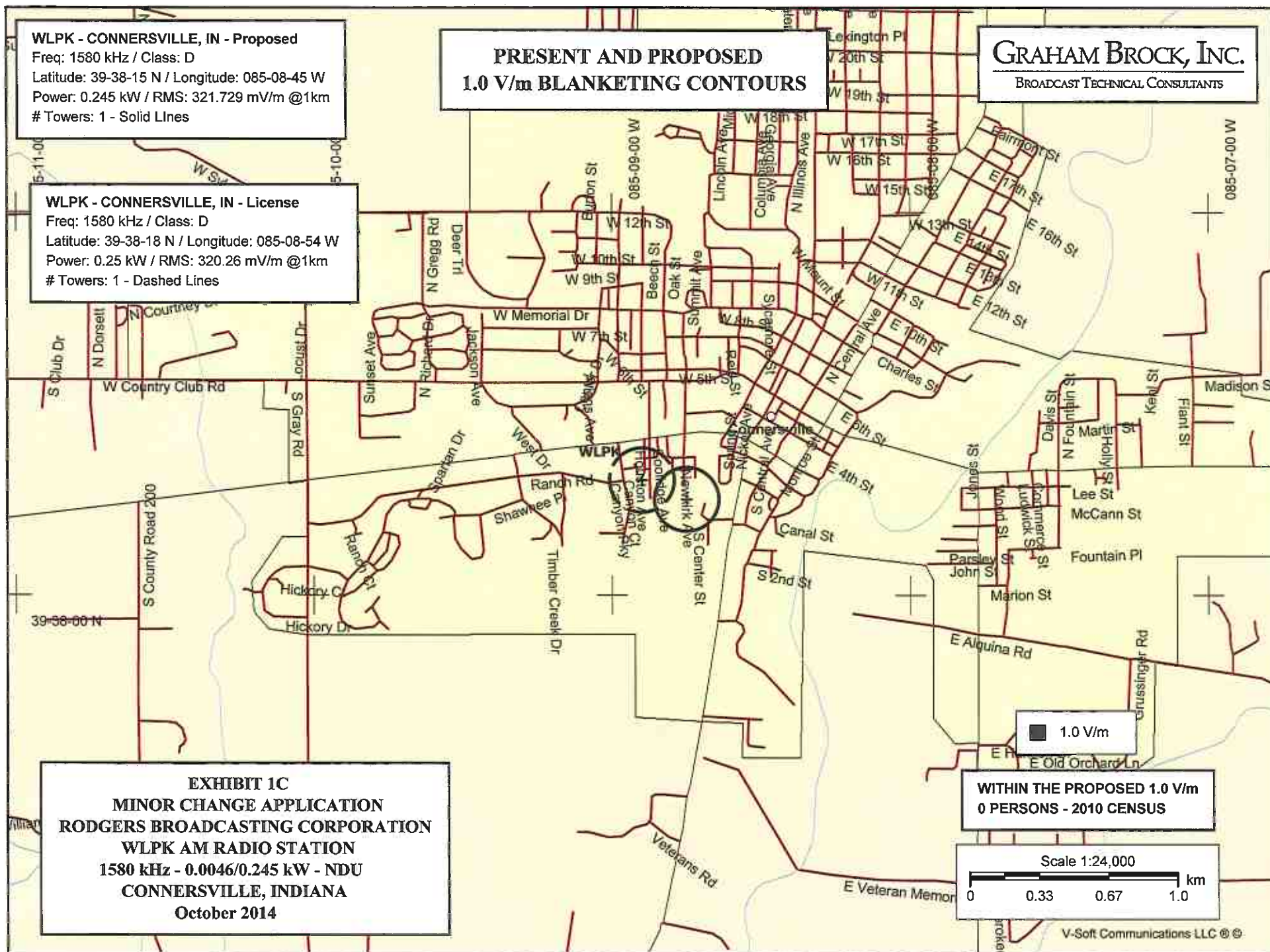


WLPK - CONNERSVILLE, IN - Proposed
Freq: 1580 kHz / Class: D
Latitude: 39-38-15 N / Longitude: 085-08-45 W
Power: 0.245 kW / RMS: 321.729 mV/m @1km
Towers: 1 - Solid Lines

WLPK - CONNERSVILLE, IN - License
Freq: 1580 kHz / Class: D
Latitude: 39-38-18 N / Longitude: 085-08-54 W
Power: 0.25 kW / RMS: 320.26 mV/m @1km
Towers: 1 - Dashed Lines

**PRESENT AND PROPOSED
1.0 V/m BLANKETING CONTOURS**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

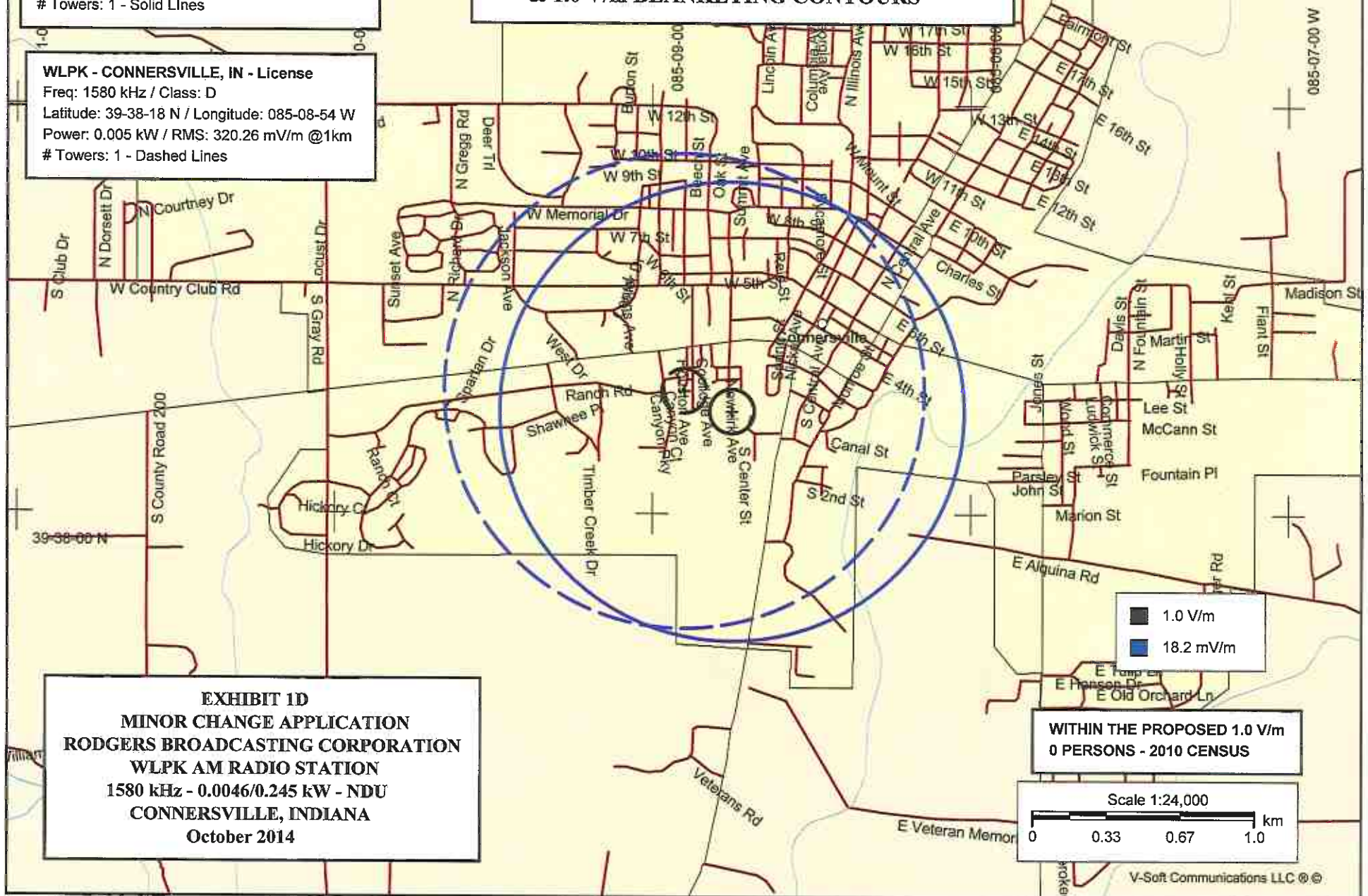


WLPK - CONNERSVILLE, IN - Proposed
Freq: 1580 kHz / Class: D
Latitude: 39-38-15 N / Longitude: 085-08-45 W
Power: 0.0046 kW / RMS: 321.729 mV/m @1km
Towers: 1 - Solid Lines

WLPK - CONNERSVILLE, IN - License
Freq: 1580 kHz / Class: D
Latitude: 39-38-18 N / Longitude: 085-08-54 W
Power: 0.005 kW / RMS: 320.26 mV/m @1km
Towers: 1 - Dashed Lines

**PRESENT AND PROPOSED
18.2 mV/m NIGHTTIME INTERFERENCE FREE
& 1.0 V/m BLANKETING CONTOURS**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS



MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1E

Proposed Daytime Contour Tabulation

North Latitude: 39° 38' 15"
West Longitude: 85° 08' 45"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	159.25	0.15	11.81	18.89	34.98
5.0	159.25	0.15	11.81	18.89	34.98
10.0	159.25	0.15	11.81	18.89	34.98
15.0	159.25	0.15	11.81	18.89	34.98
20.0	159.25	0.15	11.81	18.89	34.98
25.0	159.25	0.15	11.81	18.89	34.98
30.0	159.25	0.15	11.81	18.89	34.98
35.0	159.25	0.15	11.81	18.89	34.98
40.0	159.25	0.15	11.81	18.89	34.98
45.0	159.25	0.15	11.81	18.89	34.98
50.0	159.25	0.15	11.81	18.89	34.98
55.0	159.25	0.15	11.81	18.89	34.98
60.0	159.25	0.15	11.81	18.89	34.98
65.0	159.25	0.15	11.81	18.89	34.98
70.0	159.25	0.15	11.81	18.89	34.98
75.0	159.25	0.15	11.81	18.89	34.98
80.0	159.25	0.15	11.81	18.89	34.98
85.0	159.25	0.15	11.81	18.89	34.98
90.0	159.25	0.15	11.81	18.89	34.98
95.0	159.25	0.15	11.81	18.89	34.98
100.0	159.25	0.15	11.81	18.89	34.98
105.0	159.25	0.15	11.81	18.89	34.98
110.0	159.25	0.15	11.81	18.89	34.98
115.0	159.25	0.15	11.81	18.89	34.98
120.0	159.25	0.15	11.81	18.89	34.98
125.0	159.25	0.15	11.81	18.89	34.98
130.0	159.25	0.15	11.81	18.89	34.98
135.0	159.25	0.15	11.81	18.89	34.98
140.0	159.25	0.15	11.81	18.89	34.98
145.0	159.25	0.15	11.81	18.89	34.98
150.0	159.25	0.15	11.81	18.89	34.98
155.0	159.25	0.15	11.81	18.89	34.98
160.0	159.25	0.15	11.81	18.89	34.98
165.0	159.25	0.15	11.81	18.89	34.98
170.0	159.25	0.15	11.81	18.89	34.98
175.0	159.25	0.15	11.81	18.89	34.98

Ground Conductivity: FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1E (continued)

Proposed Daytime Contour Tabulation

North Latitude: 39° 38' 15"
West Longitude: 85° 08' 45"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	159.25	0.15	11.81	18.89	34.98
185.0	159.25	0.15	11.81	18.89	34.98
190.0	159.25	0.15	11.81	18.89	34.98
195.0	159.25	0.15	11.81	18.89	34.98
200.0	159.25	0.15	11.81	18.89	34.98
205.0	159.25	0.15	11.81	18.89	34.98
210.0	159.25	0.15	11.81	18.89	34.98
215.0	159.25	0.15	11.81	18.89	34.98
220.0	159.25	0.15	11.81	18.89	34.98
225.0	159.25	0.15	11.81	18.89	34.98
230.0	159.25	0.15	11.81	18.89	34.98
235.0	159.25	0.15	11.81	18.89	34.98
240.0	159.25	0.15	11.81	18.89	34.98
245.0	159.25	0.15	11.81	18.89	34.98
250.0	159.25	0.15	11.81	18.89	34.98
255.0	159.25	0.15	11.81	18.89	34.98
260.0	159.25	0.15	11.81	18.89	34.98
265.0	159.25	0.15	11.81	18.89	34.98
270.0	159.25	0.15	11.81	18.89	34.98
275.0	159.25	0.15	11.81	18.89	34.98
280.0	159.25	0.15	11.81	18.89	34.98
285.0	159.25	0.15	11.81	18.89	34.98
290.0	159.25	0.15	11.81	18.89	34.98
295.0	159.25	0.15	11.81	18.89	34.98
300.0	159.25	0.15	11.81	18.89	34.98
305.0	159.25	0.15	11.81	18.89	34.98
310.0	159.25	0.15	11.81	18.89	34.98
315.0	159.25	0.15	11.81	18.89	34.98
320.0	159.25	0.15	11.81	18.89	34.98
325.0	159.25	0.15	11.81	18.89	34.98
330.0	159.25	0.15	11.81	18.89	34.98
335.0	159.25	0.15	11.81	18.89	34.98
340.0	159.25	0.15	11.81	18.89	34.98
345.0	159.25	0.15	11.81	18.89	34.98
350.0	159.25	0.15	11.81	18.89	34.98
355.0	159.25	0.15	11.81	18.89	34.98

Ground Conductivity: FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1F

Licensed Coordinates Daytime Contour Tabulation

North Latitude: 39° 38' 18"
West Longitude: 85° 08' 54"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	160.13	0.15	11.84	18.94	35.06
5.0	160.13	0.15	11.84	18.94	35.06
10.0	160.13	0.15	11.84	18.94	35.06
15.0	160.13	0.15	11.84	18.94	35.06
20.0	160.13	0.15	11.84	18.94	35.06
25.0	160.13	0.15	11.84	18.94	35.06
30.0	160.13	0.15	11.84	18.94	35.06
35.0	160.13	0.15	11.84	18.94	35.06
40.0	160.13	0.15	11.84	18.94	35.06
45.0	160.13	0.15	11.84	18.94	35.06
50.0	160.13	0.15	11.84	18.94	35.06
55.0	160.13	0.15	11.84	18.94	35.06
60.0	160.13	0.15	11.84	18.94	35.06
65.0	160.13	0.15	11.84	18.94	35.06
70.0	160.13	0.15	11.84	18.94	35.06
75.0	160.13	0.15	11.84	18.94	35.06
80.0	160.13	0.15	11.84	18.94	35.06
85.0	160.13	0.15	11.84	18.94	35.06
90.0	160.13	0.15	11.84	18.94	35.06
95.0	160.13	0.15	11.84	18.94	35.06
100.0	160.13	0.15	11.84	18.94	35.06
105.0	160.13	0.15	11.84	18.94	35.06
110.0	160.13	0.15	11.84	18.94	35.06
115.0	160.13	0.15	11.84	18.94	35.06
120.0	160.13	0.15	11.84	18.94	35.06
125.0	160.13	0.15	11.84	18.94	35.06
130.0	160.13	0.15	11.84	18.94	35.06
135.0	160.13	0.15	11.84	18.94	35.06
140.0	160.13	0.15	11.84	18.94	35.06
145.0	160.13	0.15	11.84	18.94	35.06
150.0	160.13	0.15	11.84	18.94	35.06
155.0	160.13	0.15	11.84	18.94	35.06
160.0	160.13	0.15	11.84	18.94	35.06
165.0	160.13	0.15	11.84	18.94	35.06
170.0	160.13	0.15	11.84	18.94	35.06
175.0	160.13	0.15	11.84	18.94	35.06

Ground Conductivity: FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1F (continued)

Licensed Coordinates Daytime Contour Tabulation

North Latitude: 39° 38' 18"
West Longitude: 85° 08' 54"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	160.13	0.15	11.84	18.94	35.06
185.0	160.13	0.15	11.84	18.94	35.06
190.0	160.13	0.15	11.84	18.94	35.06
195.0	160.13	0.15	11.84	18.94	35.06
200.0	160.13	0.15	11.84	18.94	35.06
205.0	160.13	0.15	11.84	18.94	35.06
210.0	160.13	0.15	11.84	18.94	35.06
215.0	160.13	0.15	11.84	18.94	35.06
220.0	160.13	0.15	11.84	18.94	35.06
225.0	160.13	0.15	11.84	18.94	35.06
230.0	160.13	0.15	11.84	18.94	35.06
235.0	160.13	0.15	11.84	18.94	35.06
240.0	160.13	0.15	11.84	18.94	35.06
245.0	160.13	0.15	11.84	18.94	35.06
250.0	160.13	0.15	11.84	18.94	35.06
255.0	160.13	0.15	11.84	18.94	35.06
260.0	160.13	0.15	11.84	18.94	35.06
265.0	160.13	0.15	11.84	18.94	35.06
270.0	160.13	0.15	11.84	18.94	35.06
275.0	160.13	0.15	11.84	18.94	35.06
280.0	160.13	0.15	11.84	18.94	35.06
285.0	160.13	0.15	11.84	18.94	35.06
290.0	160.13	0.15	11.84	18.94	35.06
295.0	160.13	0.15	11.84	18.94	35.06
300.0	160.13	0.15	11.84	18.94	35.06
305.0	160.13	0.15	11.84	18.94	35.06
310.0	160.13	0.15	11.84	18.94	35.06
315.0	160.13	0.15	11.84	18.94	35.06
320.0	160.13	0.15	11.84	18.94	35.06
325.0	160.13	0.15	11.84	18.94	35.06
330.0	160.13	0.15	11.84	18.94	35.06
335.0	160.13	0.15	11.84	18.94	35.06
340.0	160.13	0.15	11.84	18.94	35.06
345.0	160.13	0.15	11.84	18.94	35.06
350.0	160.13	0.15	11.84	18.94	35.06
355.0	160.13	0.15	11.84	18.94	35.06

Ground Conductivity: FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1G

Proposed Nighttime Contour Tabulation

North Latitude: 39° 38' 15"
West Longitude: 85° 08' 45"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		1000.000	* 18.221			1000.000	* 18.221
0.0	21.82	0.10	1.04	180.0	21.82	0.10	1.04
5.0	21.82	0.10	1.04	185.0	21.82	0.10	1.04
10.0	21.82	0.10	1.04	190.0	21.82	0.10	1.04
15.0	21.82	0.10	1.04	195.0	21.82	0.10	1.04
20.0	21.82	0.10	1.04	200.0	21.82	0.10	1.04
25.0	21.82	0.10	1.04	205.0	21.82	0.10	1.04
30.0	21.82	0.10	1.04	210.0	21.82	0.10	1.04
35.0	21.82	0.10	1.04	215.0	21.82	0.10	1.04
40.0	21.82	0.10	1.04	220.0	21.82	0.10	1.04
45.0	21.82	0.10	1.04	225.0	21.82	0.10	1.04
50.0	21.82	0.10	1.04	230.0	21.82	0.10	1.04
55.0	21.82	0.10	1.04	235.0	21.82	0.10	1.04
60.0	21.82	0.10	1.04	240.0	21.82	0.10	1.04
65.0	21.82	0.10	1.04	245.0	21.82	0.10	1.04
70.0	21.82	0.10	1.04	250.0	21.82	0.10	1.04
75.0	21.82	0.10	1.04	255.0	21.82	0.10	1.04
80.0	21.82	0.10	1.04	260.0	21.82	0.10	1.04
85.0	21.82	0.10	1.04	265.0	21.82	0.10	1.04
90.0	21.82	0.10	1.04	270.0	21.82	0.10	1.04
95.0	21.82	0.10	1.04	275.0	21.82	0.10	1.04
100.0	21.82	0.10	1.04	280.0	21.82	0.10	1.04
105.0	21.82	0.10	1.04	285.0	21.82	0.10	1.04
110.0	21.82	0.10	1.04	290.0	21.82	0.10	1.04
115.0	21.82	0.10	1.04	295.0	21.82	0.10	1.04
120.0	21.82	0.10	1.04	300.0	21.82	0.10	1.04
125.0	21.82	0.10	1.04	305.0	21.82	0.10	1.04
130.0	21.82	0.10	1.04	310.0	21.82	0.10	1.04
135.0	21.82	0.10	1.04	315.0	21.82	0.10	1.04
140.0	21.82	0.10	1.04	320.0	21.82	0.10	1.04
145.0	21.82	0.10	1.04	325.0	21.82	0.10	1.04
150.0	21.82	0.10	1.04	330.0	21.82	0.10	1.04
155.0	21.82	0.10	1.04	335.0	21.82	0.10	1.04
160.0	21.82	0.10	1.04	340.0	21.82	0.10	1.04
165.0	21.82	0.10	1.04	345.0	21.82	0.10	1.04
170.0	21.82	0.10	1.04	350.0	21.82	0.10	1.04
175.0	21.82	0.10	1.04	355.0	21.82	0.10	1.04

* - Nighttime Interference Free Contour
Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1H

Licensed Coordinates Nighttime Contour Tabulation

North Latitude: 39° 38' 18"
West Longitude: 85° 08' 54"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		1000.000	* 18.221			1000.000	* 18.221
0.0	22.65	0.10	1.08	180.0	22.65	0.10	1.08
5.0	22.65	0.10	1.08	185.0	22.65	0.10	1.08
10.0	22.65	0.10	1.08	190.0	22.65	0.10	1.08
15.0	22.65	0.10	1.08	195.0	22.65	0.10	1.08
20.0	22.65	0.10	1.08	200.0	22.65	0.10	1.08
25.0	22.65	0.10	1.08	205.0	22.65	0.10	1.08
30.0	22.65	0.10	1.08	210.0	22.65	0.10	1.08
35.0	22.65	0.10	1.08	215.0	22.65	0.10	1.08
40.0	22.65	0.10	1.08	220.0	22.65	0.10	1.08
45.0	22.65	0.10	1.08	225.0	22.65	0.10	1.08
50.0	22.65	0.10	1.08	230.0	22.65	0.10	1.08
55.0	22.65	0.10	1.08	235.0	22.65	0.10	1.08
60.0	22.65	0.10	1.08	240.0	22.65	0.10	1.08
65.0	22.65	0.10	1.08	245.0	22.65	0.10	1.08
70.0	22.65	0.10	1.08	250.0	22.65	0.10	1.08
75.0	22.65	0.10	1.08	255.0	22.65	0.10	1.08
80.0	22.65	0.10	1.08	260.0	22.65	0.10	1.08
85.0	22.65	0.10	1.08	265.0	22.65	0.10	1.08
90.0	22.65	0.10	1.08	270.0	22.65	0.10	1.08
95.0	22.65	0.10	1.08	275.0	22.65	0.10	1.08
100.0	22.65	0.10	1.08	280.0	22.65	0.10	1.08
105.0	22.65	0.10	1.08	285.0	22.65	0.10	1.08
110.0	22.65	0.10	1.08	290.0	22.65	0.10	1.08
115.0	22.65	0.10	1.08	295.0	22.65	0.10	1.08
120.0	22.65	0.10	1.08	300.0	22.65	0.10	1.08
125.0	22.65	0.10	1.08	305.0	22.65	0.10	1.08
130.0	22.65	0.10	1.08	310.0	22.65	0.10	1.08
135.0	22.65	0.10	1.08	315.0	22.65	0.10	1.08
140.0	22.65	0.10	1.08	320.0	22.65	0.10	1.08
145.0	22.65	0.10	1.08	325.0	22.65	0.10	1.08
150.0	22.65	0.10	1.08	330.0	22.65	0.10	1.08
155.0	22.65	0.10	1.08	335.0	22.65	0.10	1.08
160.0	22.65	0.10	1.08	340.0	22.65	0.10	1.08
165.0	22.65	0.10	1.08	345.0	22.65	0.10	1.08
170.0	22.65	0.10	1.08	350.0	22.65	0.10	1.08
175.0	22.65	0.10	1.08	355.0	22.65	0.10	1.08

* - Nighttime Interference Free Contour
Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1I

ID Stations Study at 39 38 15 N, 85 08 45 W, Search Distance = 16 km

Call	Service	City	State	Chan.	Power	Coordinates		Dist-km	Azimuth	File Number
AM -----										
WLPK	D	Connorsville	IN	1580	0000.250kW	393818N	850854W	000.2	293.4	BL19790618AF
FM -----										
W295BT	X	Connorsville	IN	295D	0000.250kW	393815N	850845W	000.0	000.0	BLFT20140219AAX
W283AJ	X	Connorsville	IN	283D	0000.080kW	393815N	850845W	000.0	000.0	BLFT20061013ADI
NEW	L	Connorsville	IN	264L1	0000.092kW	393912N	850857W	001.8	350.8	BNPL20131113BHC
W288CM	X	Connorsville	IN	288D	0000.013kW	393927N	851034W	003.4	310.6	BNPFT20130327ABS
TV ----- None Found -----										

OVERALL
STRUCTURE
60.60 m
(198.8 ft)
AGL
365.60 m
(1199.5 ft)
AMSL

AM
RADIATOR
60.60 m
(198.8 ft)

North Latitude 39-38-15
West Longitude 85-08-45

Site Elev 305.00 m (1000.7 ft) AMSL

(Sketch not drawn to scale)
Tower Registration Number 1028395

VERTICAL PLAN SKETCH

SITE ELEVATION - 305 m (1001 ft) AMSL

TOP OF STRUCTURE - 61 m (199 ft) AGL
366 m (1199 ft) AMSL

AM Radiator - 61 m (199 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT).

EXHIBIT #1J
MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.25 kW - NDU
CONNERSVILLE, INDIANA
October 2014

EXHIBIT #1K

NADCON

North American Datum Conversion

NAD 83 to NAD 27

NADCON Program Version 2.11

=====
Transformation #: 1 Region: Conus

	Latitude	Longitude
NAD 27 datum values:	39 38 14.82800	85 08 45.13069
NAD 83 datum values:	39 38 15.00000	85 08 45.00000
NAD 27 - NAD 83 shift values:	-0.17200	0.13069(secs.)
	-5.305	3.116 (meters)
Magnitude of total shift:		6.152(meters)

EXHIBIT #1L
MINOR CHANGE APPLICATION
RODGERS BROADCASTING CORPORATION
WLPK AM RADIO STATION
1580 kHz - 0.0046/0.245 kW - NDU
CONNERSVILLE, INDIANA
October 2014

Registration Detail

Reg Number	1028395	Status	Granted
File Number	A0921776	Constructed	01/01/1979
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	39-38-15.0 N 085-08-45.0 W	Address	100 SUMMIT AVE
City, State	CONNERSVILLE , IN		
Zip	47331	County	FAYETTE
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
305.0	60.6
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
365.6	60.6

Painting and Lighting Specifications

None

FAA Notification

FAA Study	2014-AGL-8586-OE	FAA Issue Date	08/27/2014
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Owner & Contact Information

FRN	0003780350	Owner Entity	Corporation
		Type	

Owner

RODGERS BROADCASTING CORPORATION
Attention To: DAVID RODGERS
406 1/2 CENTRAL AVE
CONNERSVILLE , IN 47331

P: (765)825-6411
F:
E: DavidBestRadio@aol.com

Contact

Tepper , Cary S
4900 Auburn Avenue
Suite 100
Bethesda , MD 20814-2632

P: (301)718-1818
F: (301)718-1820
E: tepperlaw@aol.com

Last Action Status

Status	Granted	Received	09/11/2014
Purpose	Modification	Entered	09/11/2014

Mode Interactive

Related Applications

09/11/2014 A0921776 - Modification (MD)
08/21/1997 A0033735 - New (NE)

Comments

Comments

None

History

Date

Event

09/12/2014 Registration Printed
09/11/2014 FRN association email send: Tower email
09/11/2014 ASR Application receipt email sent: Tower email
All History (4)

Automated Letters

09/12/2014 Authorization, Reference

Program **FIGURE 8** calculates the Inverse Distance Field for AM broadcast stations with frequencies between **530** and **1700 kHz**. The program is a computer version of Figure 8 of Section 73.190 of the FCC Rules.

The Inverse Distance Fields calculated here are in **mV/m at 1 KILOMETER** .

Frequency:	1580.00 kHz
Number of Radials:	120 radials
Correction for number of radials:	0.0000 mV/m @ 1 Kilometer
Average Length of Ground Radials:	47.000 meters 154.199 feet 0.248 wavelengths 89.174 degrees
Correction factor for length:	0.0000 mV/m @ 1 Kilometer
Wavelength:	189.742 meters 622.513 feet
Tower Height:	60.600 meters 198.819 feet 0.319 wavelengths 114.977 degrees

Predicted Field Strength from Figure 8, Section 73.190:

(Metric units)

	Theoretical Field	Corrected Field	
At 1.00 kW :	321.729	321.729	mV/m @ 1 KILOMETER
At 0.25 kW :	159.248	159.248	mV/m @ 1 KILOMETER

(English units)

	Theoretical Field	Corrected Field	
At 1.00 kW :	199.913	199.913	mV/m @ 1 MILE
At 0.25 kW :	98.952	98.952	mV/m @ 1 MILE