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**Federal Communications Commission  
Public Safety and Homeland Security Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: RILEY, COUNTY OF

ATTN: PATRICK COLLINS  
RILEY, COUNTY OF  
115 NORTH 4TH STREET  
PO BOX 115  
MANHATTAN, KS 66502

<b>Call Sign</b> WRFX287	<b>File Number</b>
<b>Radio Service</b> YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0002297141

<b>Grant Date</b> 05-20-2020	<b>Effective Date</b> 05-20-2020	<b>Expiration Date</b> 05-20-2030	<b>Print Date</b>
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**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

- Loc. 1** **Address:** .13 Miles N of US HWY 77 , .17 Miles W Falcon Rd  
**City:** Manhattan **County:** RILEY **State:** KS  
**Lat (NAD83):** 39-18-20.1 N **Long (NAD83):** 096-50-02.0 W **ASR No.:** 1311219 **Ground Elev:** 401.4
- Loc. 2** **Area of operation**  
Operating within a 40.0 km radius around fixed location 1
- Loc. 3** **Address:** .25 East of 877 Rd and 1 mile North of Green Randolph Rd  
**City:** Randolph **County:** RILEY **State:** KS  
**Lat (NAD83):** 39-26-49.8 N **Long (NAD83):** 096-48-10.8 W **ASR No.:** 1311220 **Ground Elev:** 390.4
- Loc. 4** **Area of operation**  
Operating within a 40.0 km radius around fixed location 3
- Loc. 5** **Address:** West 57th Avenue  
**City:** Manhattan **County:** RILEY **State:** KS  
**Lat (NAD83):** 39-05-01.1 N **Long (NAD83):** 096-40-09.9 W **ASR No.:** 1313530 **Ground Elev:** 380.7
- Loc. 6** **Area of operation**  
Operating within a 40.0 km radius around fixed location 5
- Loc. 7** **Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: RILEY county, KS

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000851.08750000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	250.000	62.6	73.6	05-20-2021
1	1	000851.40000000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	250.000	62.6	73.6	05-20-2021
1	1	000851.95000000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	250.000	62.6	73.6	05-20-2021
1	1	000852.28750000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	250.000	62.6	73.6	05-20-2021
2	1	000806.08750000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
2	1	000806.40000000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
2	1	000806.95000000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
2	1	000807.28750000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
3	1	000853.30000000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	300.000	113.2	120.8	05-20-2021
3	1	000851.13750000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	300.000	113.2	120.8	05-20-2021

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3	1	000851.4750000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	300.000	113.2	120.8	05-20-2021
3	1	000852.5875000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	300.000	113.2	120.8	05-20-2021
4	1	000806.1375000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
4	1	000806.4750000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
4	1	000807.5875000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
4	1	000808.3000000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
5	1	000851.2000000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	400.000	65.3	75.4	05-20-2021
5	1	000851.6625000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	400.000	65.3	75.4	05-20-2021
5	1	000852.1375000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	400.000	65.3	75.4	05-20-2021
5	1	000852.6375000	FB2	1		8K10F1D 8K10F1E 9K70D1W 9K80D7W	100.000	400.000	65.3	75.4	05-20-2021

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6	1	000806.20000000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
6	1	000806.66250000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
6	1	000807.13750000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
6	1	000807.63750000	MO	800		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			05-20-2021
7	1	000806.08750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000807.63750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000808.30000000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000806.13750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000806.20000000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000806.40000000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000806.47500000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			

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7	1	000806.66250000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000806.95000000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000807.13750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000807.28750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			
7	1	000807.58750000	FX1	30		8K10DXW 8K10F1D 8K10F1E	35.000	70.000			

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**Control Points**

**Control Pt. No. 1**

Address: 115 NORTH 4TH STREET

City: MANHATTAN County: RILEY State: KS Telephone Number: (785)537-6333

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**Associated Call Signs**

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<NA>

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**Waivers/Conditions:**

NONE