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

RADIO STATION AUTHORIZATION

LICENSEE: NORTH CAROLINA STATE HIGHWAY PATROL

ATTN: TSU - SPECTRUM RESOURCES MANAGER
NORTH CAROLINA STATE HIGHWAY PATROL
4231 MAIL SERVICE CENTER
RALEIGH, NC 27699-4231

Call Sign WQDE994	File Number
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001913888

Grant Date 05-13-2015	Effective Date 07-19-2017	Expiration Date 08-09-2025	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: HP-1082, ELIZABETHTOWN, 3467 US 701 3 MI S
City: ELIZABETHTOWN **County:** BLADEN **State:** NC
Lat (NAD83): 34-34-55.0 N **Long (NAD83):** 078-37-34.0 W **ASR No.:** 1291616 **Ground Elev:** 33.8

Loc. 2 Area of operation
Operating within a 40.0 km radius around fixed location 1

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	000857.46250000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	11-14-2006
1	1	000858.46250000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	11-14-2006
1	1	000859.46250000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	11-14-2006
1	1	000851.68750000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	02-27-2014

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.

Licensee Name: NORTH CAROLINA STATE HIGHWAY

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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	000852.11250000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	02-27-2014
1	1	000852.40000000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	02-27-2014
1	1	000853.56250000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	02-27-2014
1	1	000856.73750000	FB2C	1		8K30F1W 9K80D7W	100.000	180.000	125.0	119.2	07-19-2018
2	1	000812.46250000	MO	900		8K30F1W 9K80D7W	35.000	40.000			11-14-2006
2	1	000813.46250000	MO	900		8K30F1W 9K80D7W	35.000	40.000			11-14-2006
2	1	000814.46250000	MO	900		8K30F1W 9K80D7W	35.000	40.000			11-14-2006
2	1	000806.68750000	MO	900		8K30F1W 9K80D7W	35.000	40.000			02-27-2014
2	1	000807.11250000	MO	900		8K30F1W 9K80D7W	35.000	40.000			02-27-2014
2	1	000807.40000000	MO	900		8K30F1W 9K80D7W	35.000	40.000			02-27-2014
2	1	000808.56250000	MO	900		8K30F1W 9K80D7W	35.000	40.000			02-27-2014
2	1	000811.73750000	MO	900		8K30F1W 9K80D7W	35.000	40.000			07-19-2018

Control Points

Control Pt. No. 1

Address: 3318 GARNER ROAD, BLDG #2

City: RALEIGH County: WAKE State: NC Telephone Number: (888)928-4737

Licensee Name: NORTH CAROLINA STATE HIGHWAY

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Associated Call Signs
WQPA510

<NA>

Waivers/Conditions:

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.