

## SI WIRELESS (DBA MOBILENATION)

1275 NORTH REED STATION RD., CARBONDALE IL 62901



3/5/2014

### Via Electronic Filing Comment System

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 – 12th St. SW  
Washington, DC 20554

**Re: Expression of Interest; Connect America Phase II: Rural Broadband Experiment.  
WC Docket No. 10-90.**

Dear Ms. Dortch:

SI Wireless, dba MobileNation (SIW) respectfully submits this non-binding "Expression of Interest" to participate in the Connect America Phase II: Rural Broadband Experiment.

### **Background**

SIW is a regional wireless carrier headquartered in Carbondale, IL and has been granted status as an "ETC" entity, via proceeding 12-25. The primary ownership of the company is comprised of 6 Illinois Rural Exchange Carriers (RLEC's) with next generation services being provided in the Tennessee and West Kentucky Area. Operating as a regional wireless carrier provides the company with a unique understanding of the local broadband needs and how to best develop solutions to service those customers whom have not been able to access next generation technologies. Our local staff reside in many of these locations and know first-hand the impacts to small, rural communities that have yet to experience broadband connection speeds and the improved quality of life that comes with these enhancements. As a member of the Competitive Carriers Association (CCA), the company's mission is to deliver world class next generation 3G/4G services to rural areas at a very affordable price point which provides these new capabilities to the underserved demographic.

## Proposed Service Area

SIW is proposing to offer 4G-LTE wireless service to portions of the below census tracts in a 7 county area of TN and KY. This will be delivered through a network upgrade of the current 3G Network currently in place serving these communities. A LTE Core and Media Gateway will be installed along with hardware and software upgrades to convert the existing serving macro cells to support 4G-LTE. Upon completion of these network enhancements, the macro network will deliver broadband speeds averaging 11Mbps DL and 8Mbps UL in each of these designated areas of eligible and extremely high cost locations. The targeted census tracts below cover over 76K pops and approximately 9,800 underserved homes.

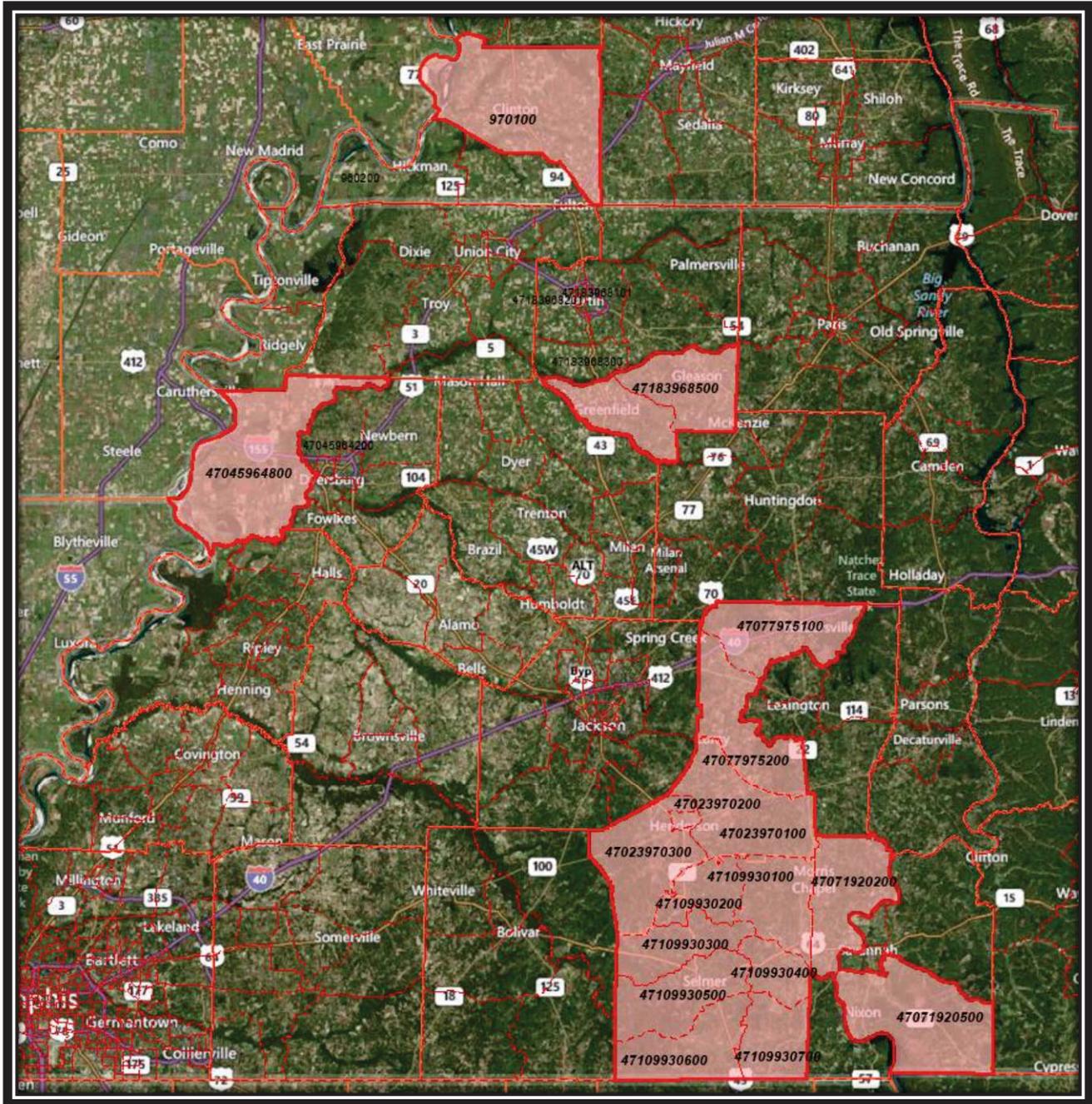
SIW will look to partner with each of the listed counties below to identify public school systems and libraries that could be utilized for the development of a broadband trial. The company will also look to find opportunities to partner with county and city government entities and neighborhood community centers to establish additional locations to trial broadband.

## Target Census Tract(s) Data

<i>State</i>	<i>County Name</i>	<i>Census Tract ID</i>	<i>Population</i>	<i>Eligible High Cost Locations</i>	<i>Extremely High Cost Locations</i>
TN	Chester	47023970100	5,227	1,095	19
TN	Chester	47023970200	5,452	5	0
TN	Chester	47023970300	5,427	728	29
TN	McNairy	47109930100	4,359	449	21
TN	McNairy	47109930200	2,451	447	4
TN	McNairy	47109930300	3,029	554	11
TN	McNairy	47109930400	1,780	54	1
TN	McNairy	47109930500	7,214	470	21
TN	McNairy	47109930600	3,520	621	31
TN	McNairy	47109930700	3,083	269	6
TN	Hardin	47071920200	4,916	464	12
TN	Hardin	47071920500	5,233	714	31
TN	Henderson	47077975100	3,746	595	10
TN	Henderson	47077975200	5,725	574	21
TN	Dyer	47045964800	591	241	64
TN	Weakley	47183968500	5,235	544	16
TN	Weakley	47183968600	4,495	450	18
KY	Hickman	21105970100	4,923	1,114	98
<b>Totals:</b>			<b>76,406</b>	<b>9,388</b>	<b>413</b>

SIW will offer a very comprehensive package of both fixed and mobile 4G-LTE broadband solutions at a very competitive rate structure. The company currently offers some of the lowest price plans in the area and will look to extend the industry leading cost model to ensure the success and viability of the service offerings to the underserved communities within the targeted census tracts.

### Map of Target Census Tract(s) Within Proposal



## **Required Funding**

SIW would require a one-time contribution, (\$2,280,000) from the (\$3,540,992) annual funding available, to deploy hardware and software upgrades to the existing 3G Network in the target census tract locations and install an LTE Core at the Carbondale MTSO Facility that will include a Media Gateway. No additional annual funding would be requested to support these new 4G-LTE service offerings.

Sincerely,

A handwritten signature in black ink on a light green rectangular background. The signature appears to read "Mike Jaksich" in a cursive style.

Mike Jaksich  
Chief Technology Officer  
SI Wireless (DBA MobileNation)  
(731)213-7924