WISCONSIN INTEROPERABILITY
SEAMLESS STATEWIDE PUBLIC SAFETY RADIO COMMUNICATIONS

WISCONSIN DEPARTMENT OF JUSTICE
OFFICE OF THE ATTORNEY GENERAL

THE PROMISE OF FIRSTNET FOR A MUSIC FESTIVAL

Michigan's Statewide Interoperable Communications Conference
Ensuring Citizen Safety

Presentation to the Michigan Statewide Interoperable Communications Conference

February 2016

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CREDITS

The original presentation was made by Captain David Gerber of the Walworth County Sheriff's Office on June 18, 2015 during Wisconsin's initial consultation with FirstNet. It has been modified for this audience.

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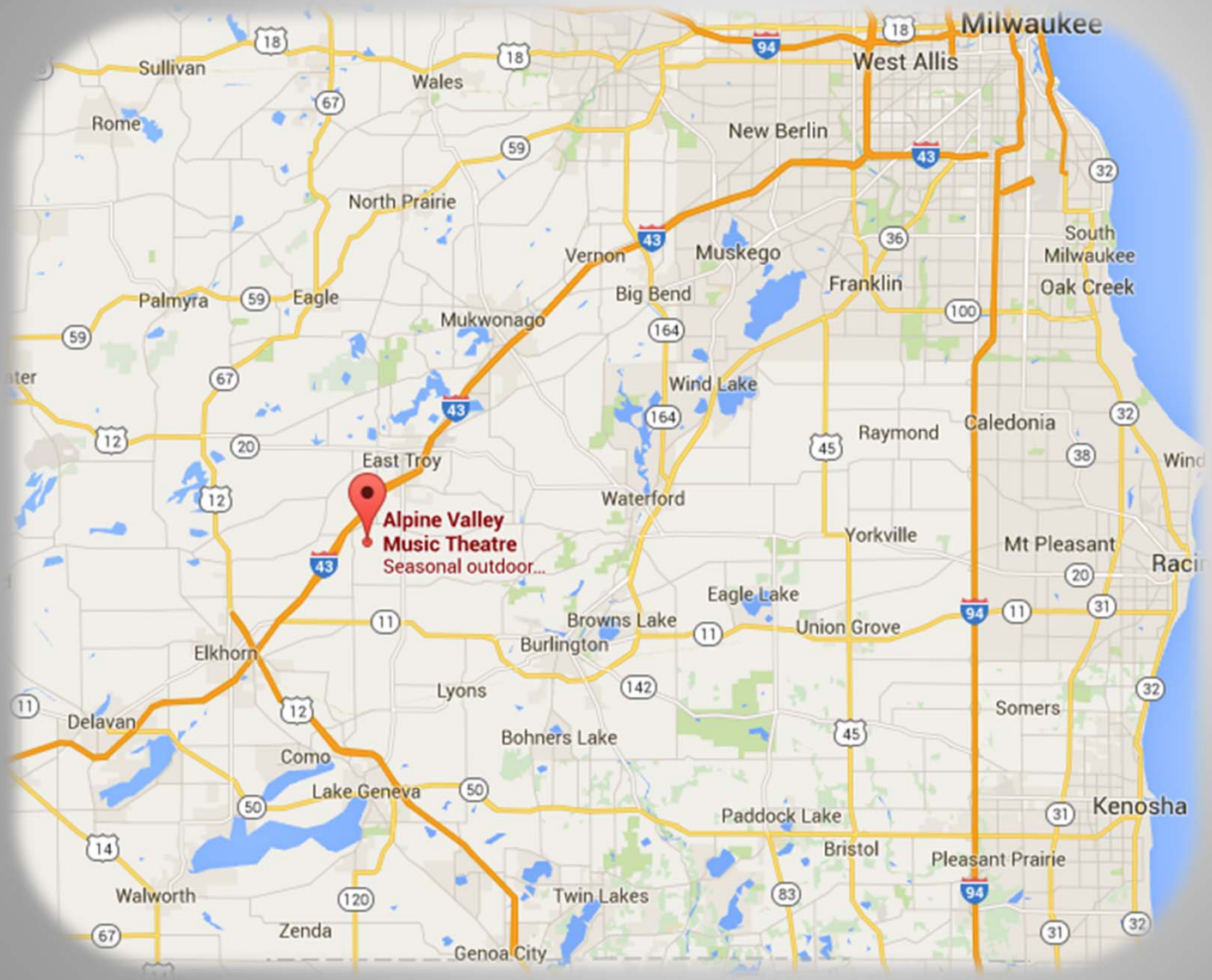

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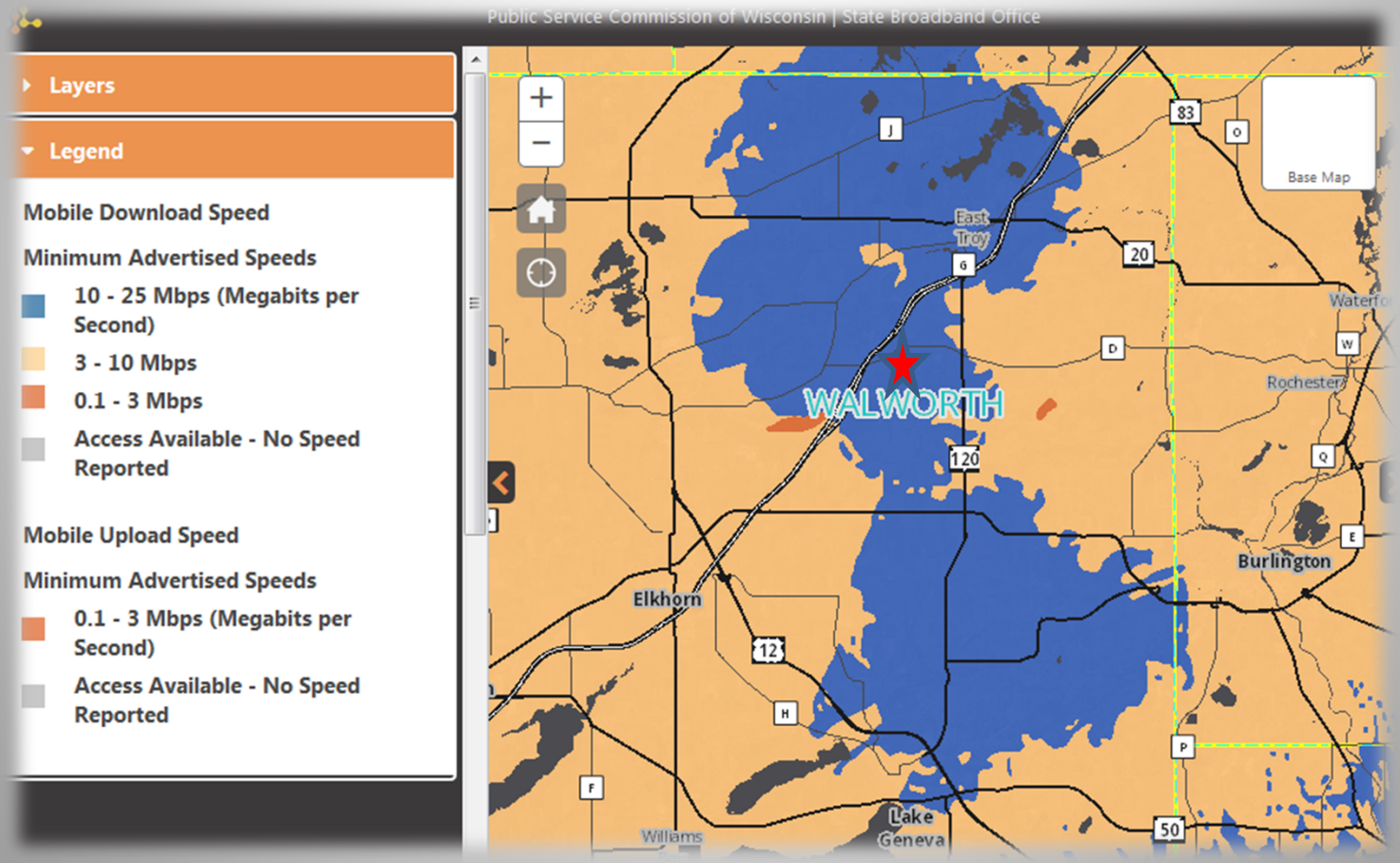
PROVIDER ADVERTISED SPEEDS
JUNE, 2015



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SHERIFF'S OFFICE RESPONSE

- 2 CP's for management of personnel and equipment
- Capacity 35,000 (+)
- Generally 1 deputy for every 1000 tickets sold
- Normal for 40 (+) deputies per concert, mutual aid
- Traffic control, patrol exterior, patrol interior, venue, undercover operations
- Most concerts are sold out, however thousands more just come for tailgating

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Main Command Post Operations

Drug Unit/Secondary Command Post Operations

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COMMAND POSTS

- Internet connectivity needed for CAD, Tracs, e-Sponder, evidence processing, ProPhoenix RMS
- 10 MB copper DSL to AVMT via CenturyTel
- ¼ mile copper run from AVMT to main command post
- Approximately 5 to 6 MB at main CP
- Secondary CP and squads off Verizon cellular
- Other CP ops – SWAT/DIVE/Crime Scenes

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CONNECTIVITY ISSUES

- Cellular network overloading
- Shared connectivity with AVMT operations
  - Pipe is only so big
- No connectivity for secondary CP other than cellular
- Camera trailers require internet access for viewing
- Communication issues for cell phone users

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CURRENT SOLUTIONS

- Cellular based VPN tunnel
- Verizon Wireless Priority Service (WPS)
- Cellular ruggedized modems
- Hotspots around LE vehicles
- Fiber/Cable too expensive
- Looking to future for possible FirstNet solution

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OTHER IMPACTED PUBLIC SAFETY

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Questions?

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Wisconsin Interoperability Initiative

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