

RCC Consultants' Analysis of Cell Phone Coverage Town of Sherman

Board of Selectmen
September 26, 2013

Presented by David Hopkins

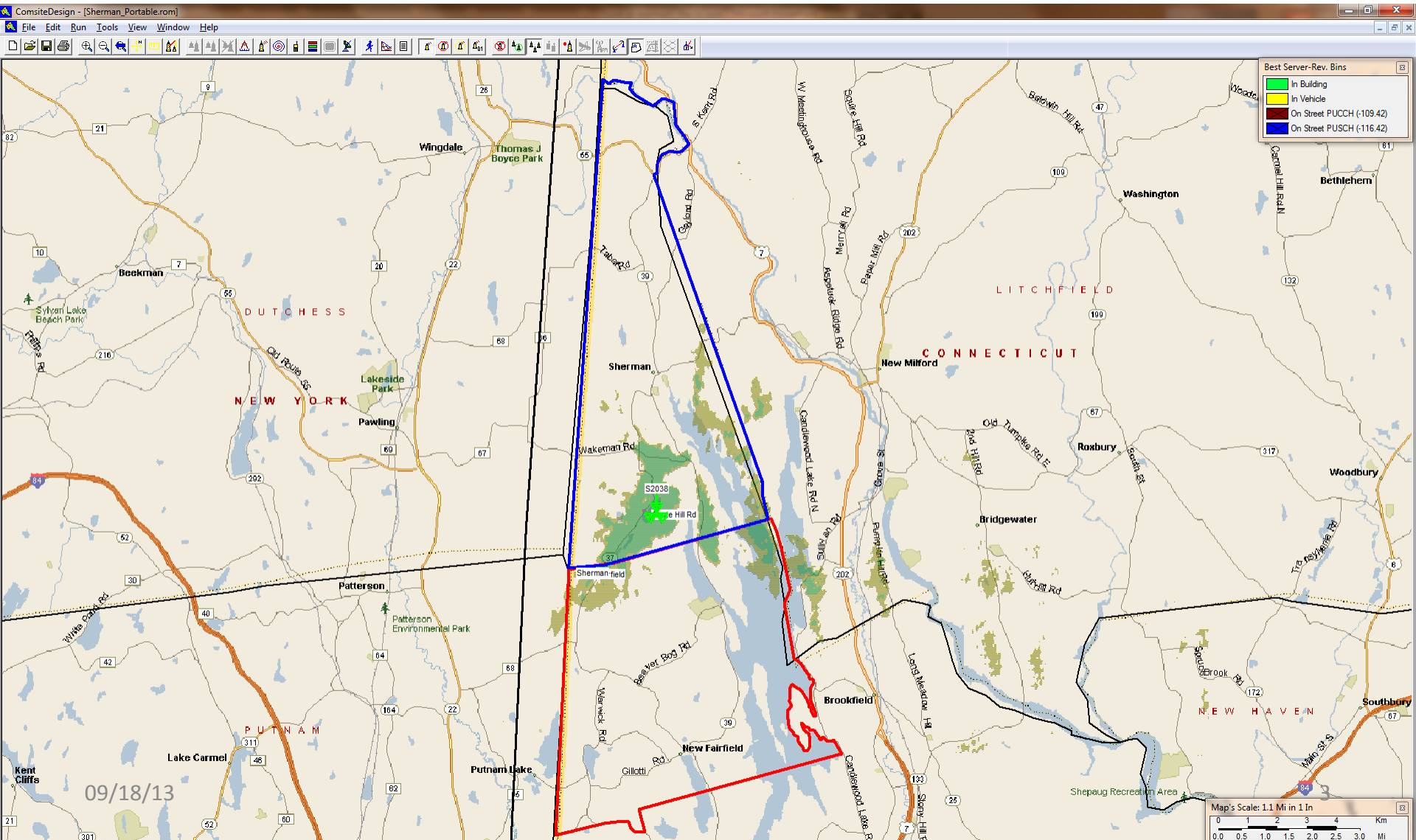
Summary of Contents

- South End of Town
 - Coote Hill Road site (S2038)
 - Mauweehoo Hill site (TOS-S1)
- Center of Town
 - White Silo Farm site (S2041)
 - Town Center site (TOS-C2)
- North End of Town
 - Happy Acres Farm site (CT5502)
 - Evans Hill Road site (TOS-N1)
- Overall Views

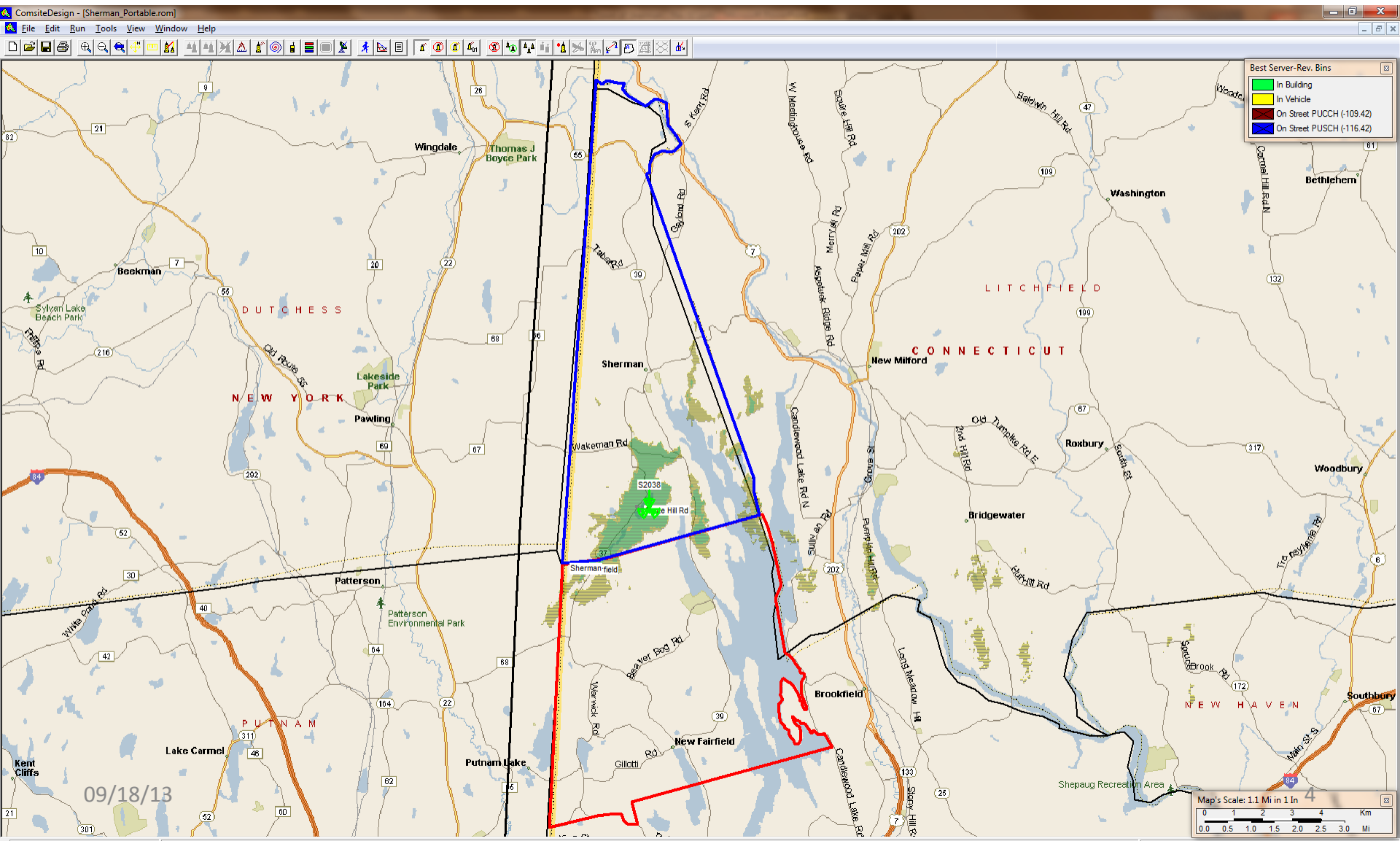
167' Centerline (170' Tower)

Cootte Hill (S2038) at 170 feet

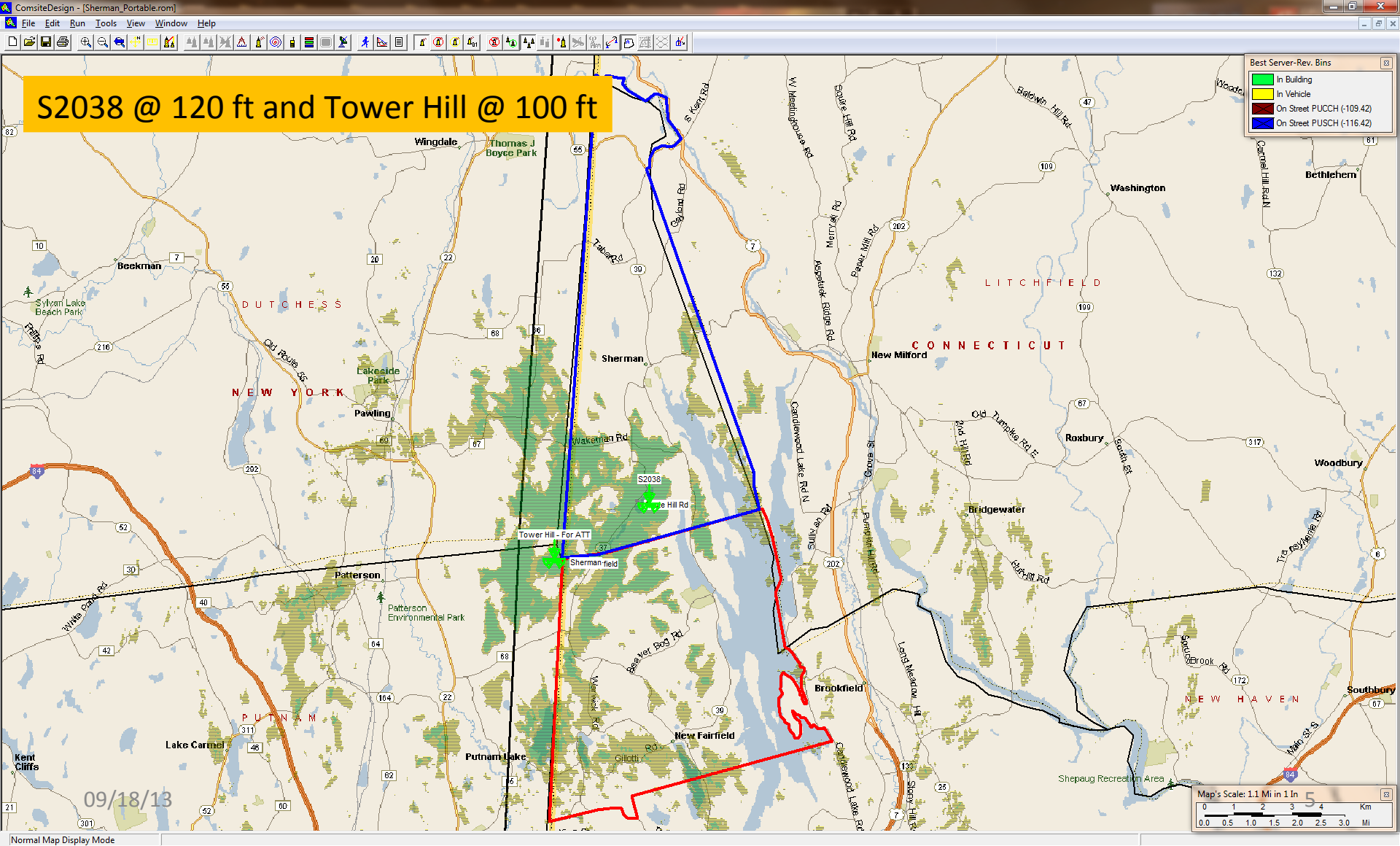
17.80% of town area covered



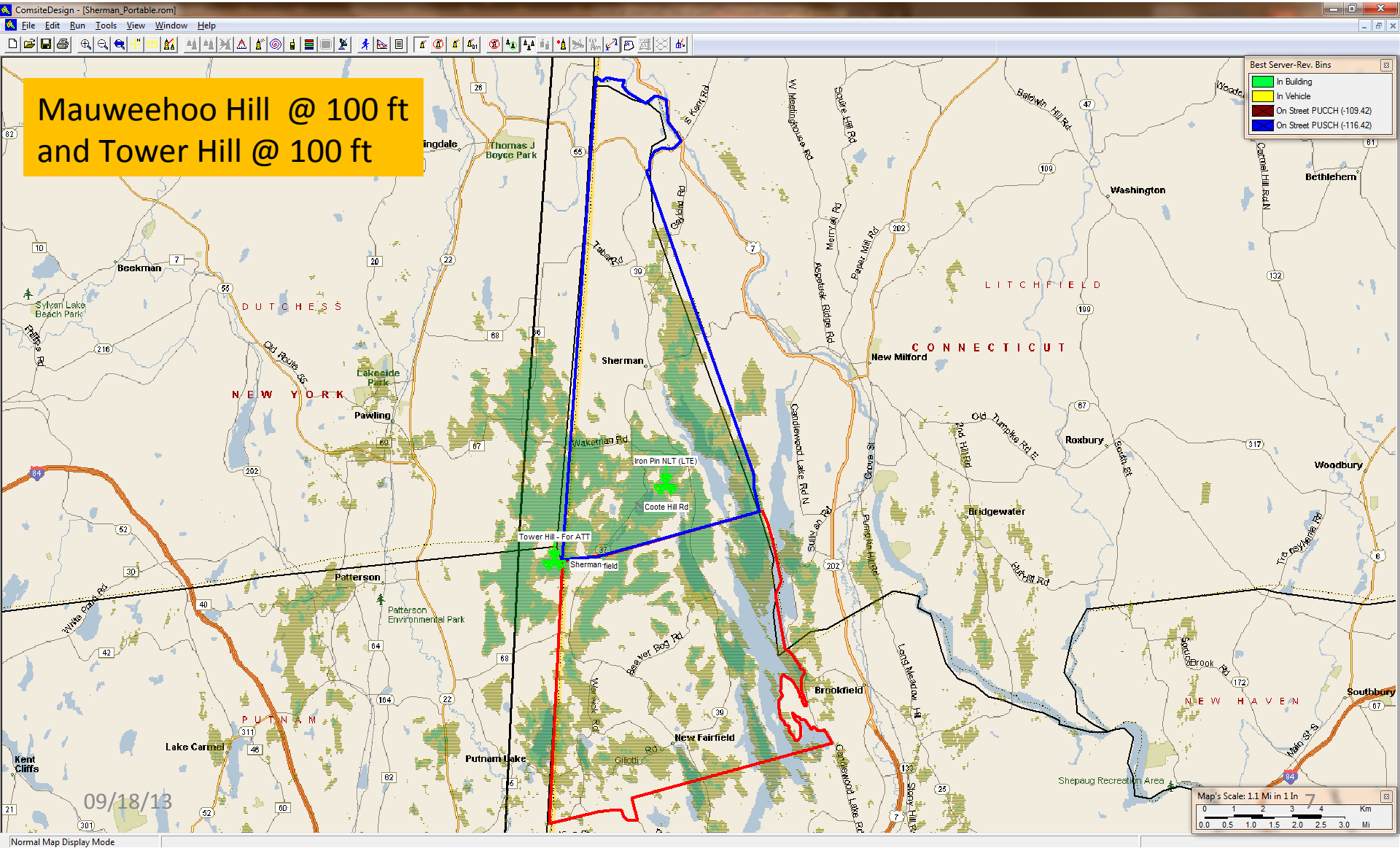
Cootte Hill (S2038) at 120 feet 13.91% of town area covered



Cootte Hill (S2038) Plus Tower Hill 23.61% of town area covered



Mauweehoo Hill plus Tower Hill 38.73% of town area covered



South End of Town . . .

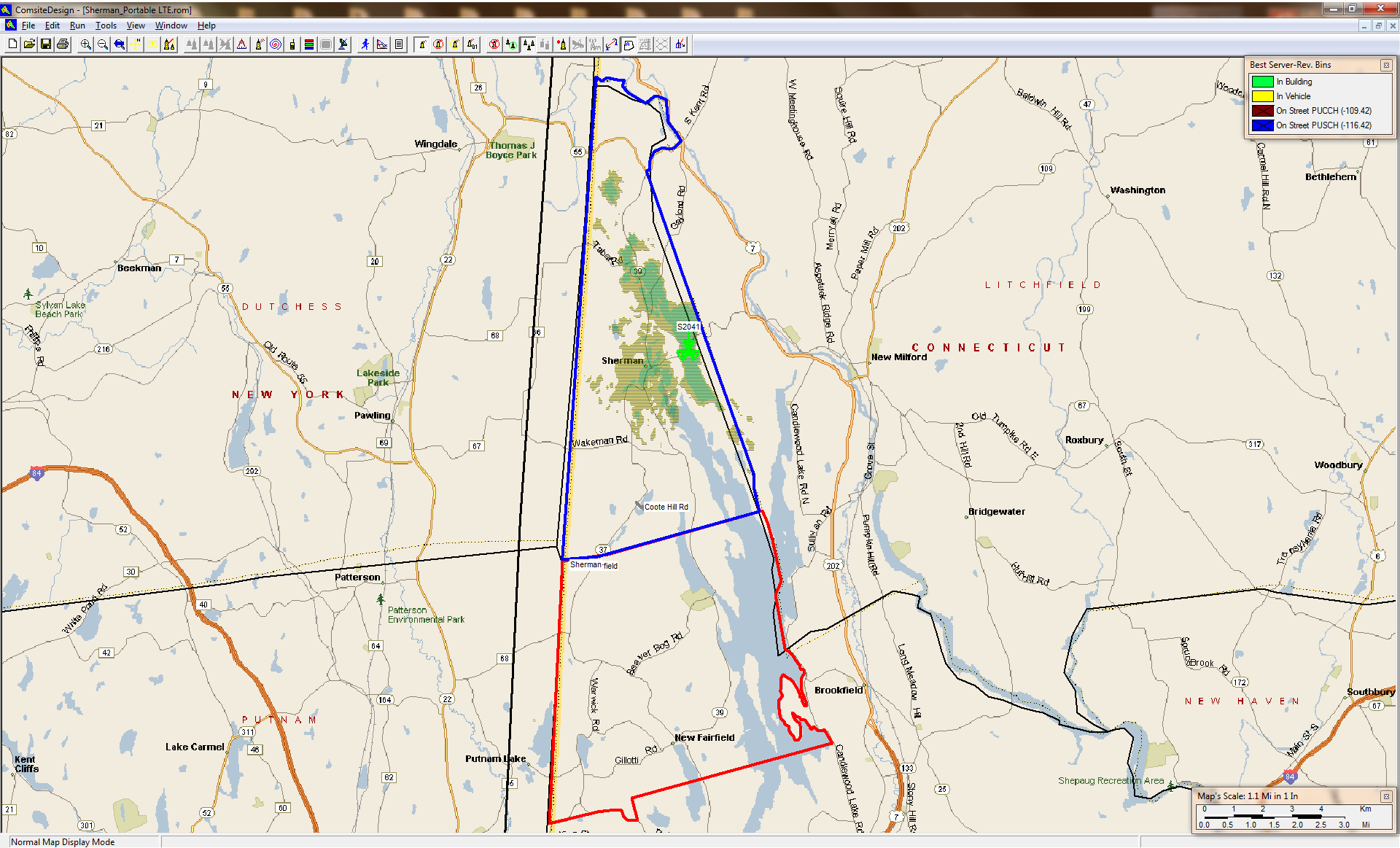
Coote Hill Road tower can be reduced substantially in height without greatly affecting coverage

Mauweehoo Hill site offers much better coverage, with less visibility

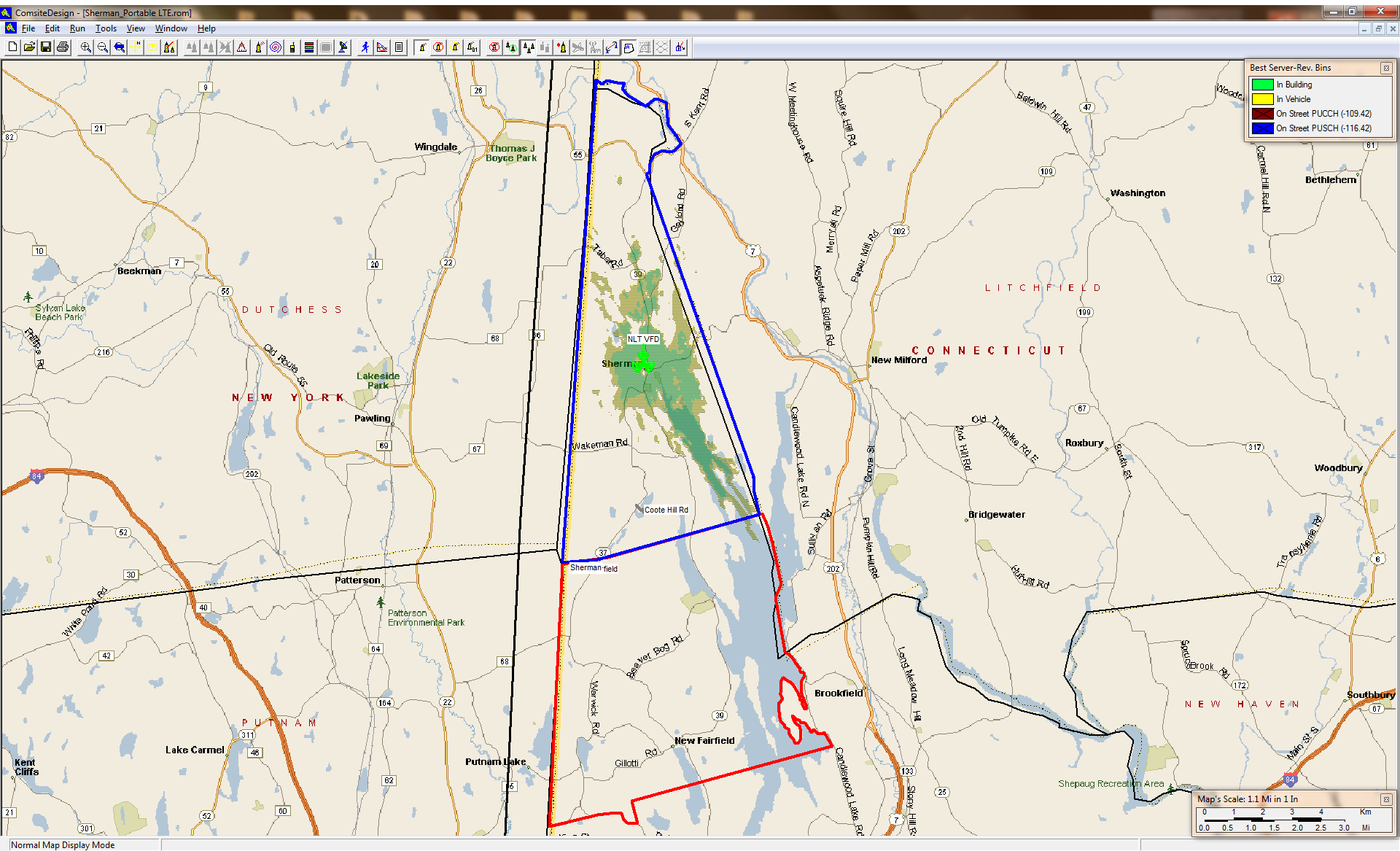
Tower Hill can help fill in coverage on the west side of town

White Silo Farm (S2041)

19.98% of town area covered



Town Center site (TOS-C2) – 100 feet 23.66% of town area covered



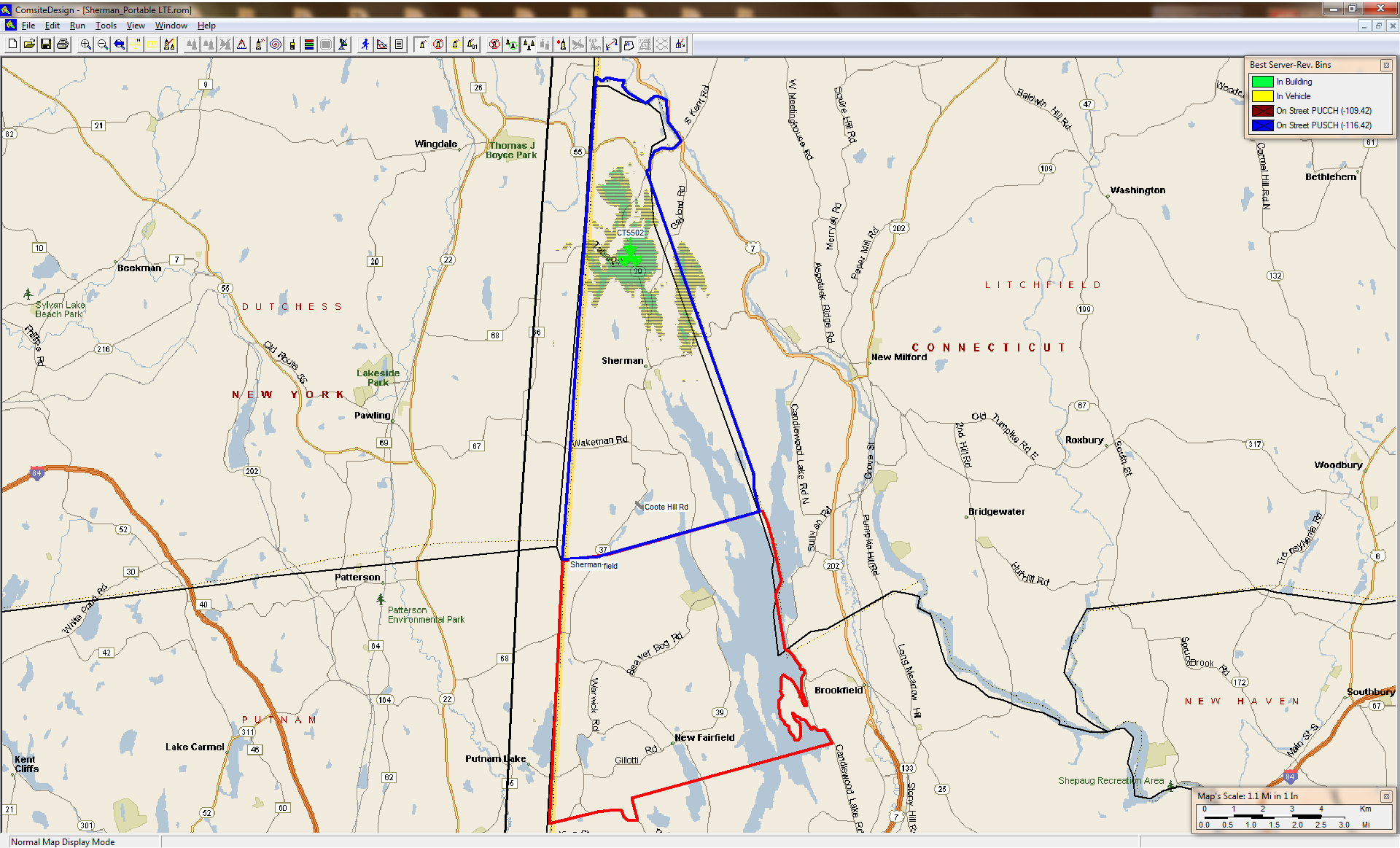
Center Section of Town . . .

The Town Center site offers somewhat broader coverage than the White Silo Farm site, and . . .

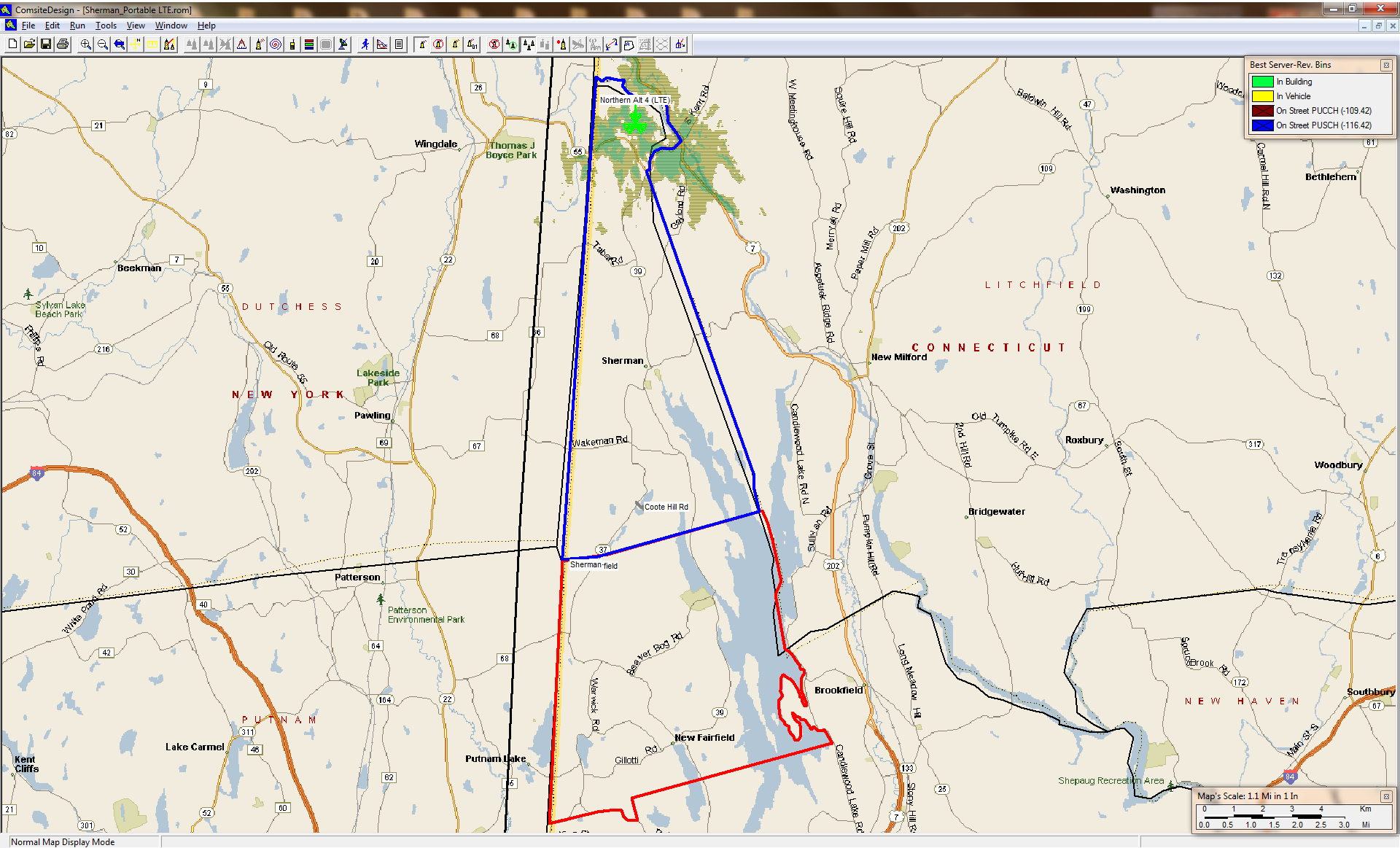
The “in-building” coverage is much better

Happy Acres Farm (CT5502)

13.60% of town area covered



Evans Hill Road (TOS-N1) at 80 feet 8.74% of town area covered



North End of Town . . .

The existing Happy Acres site provides coverage in the northern section of the central valley

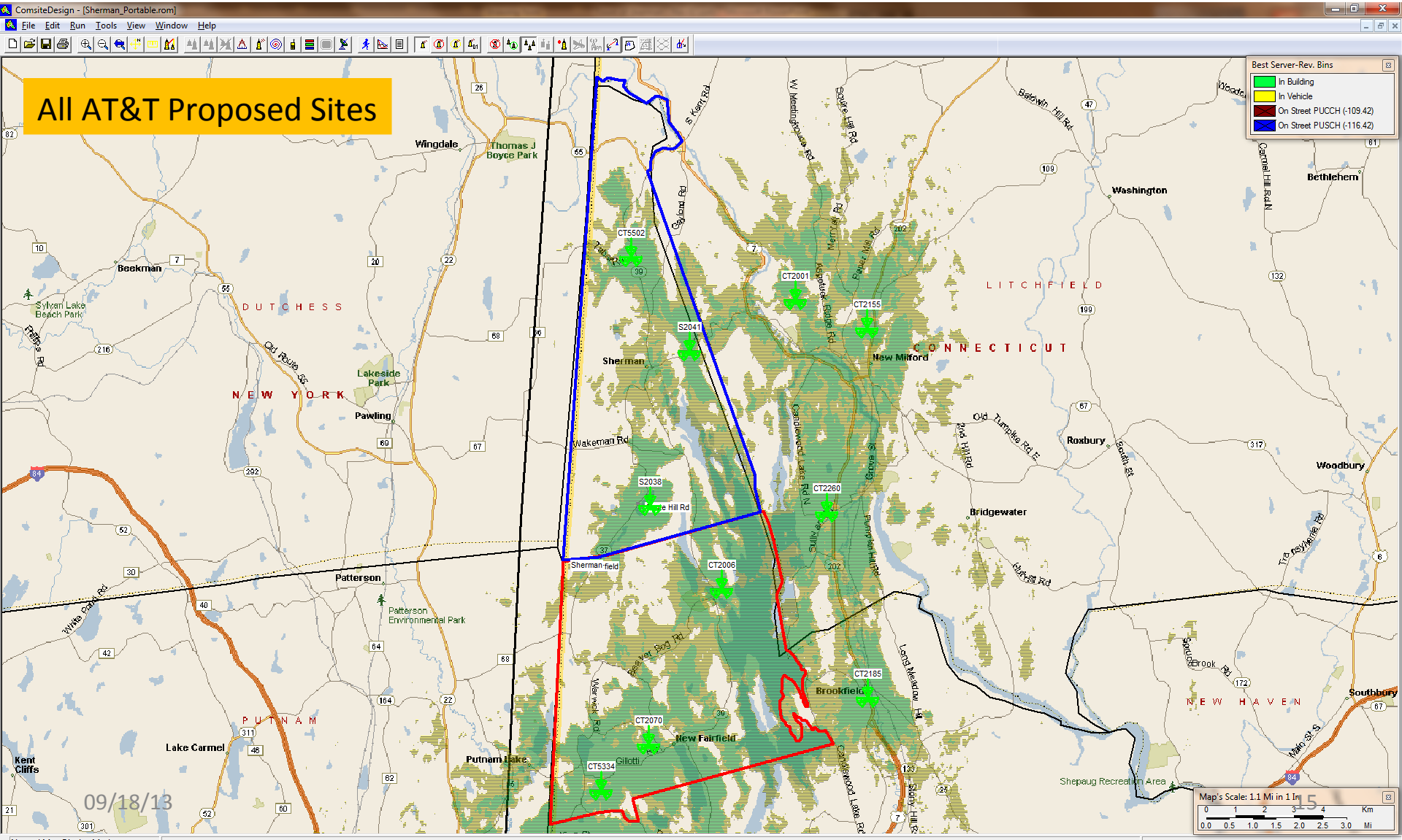
Evans Hill would provide coverage in the north end of town, including along Route 55

The two sites would complement each other well for coverage in the north end

All AT&T sites, existing and proposed

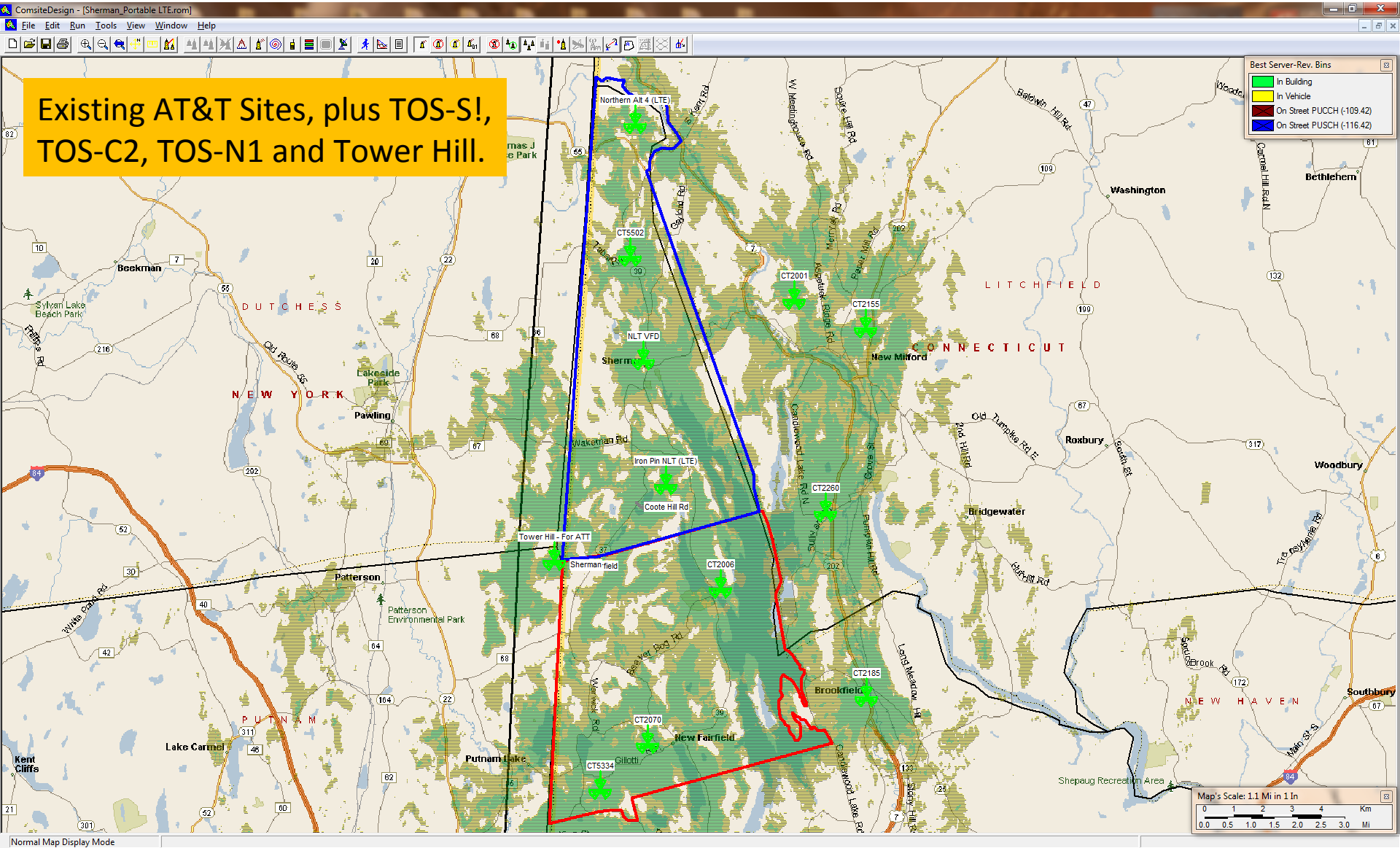
(Cootte Hill, White Silo, Happy Acres)

48.24% of the town area covered



Existing ATT sites, plus likely TOS sites

71.22% of town area covered



Summary

AT&T's proposal for the South end of town can be improved substantially, both as to coverage and as to visible impact

Cell phone coverage for the whole town can be improved far more than is being proposed by AT&T

End of Presentation