



Northampton Township – 12 Alternate Node Locations

August 13, 2012



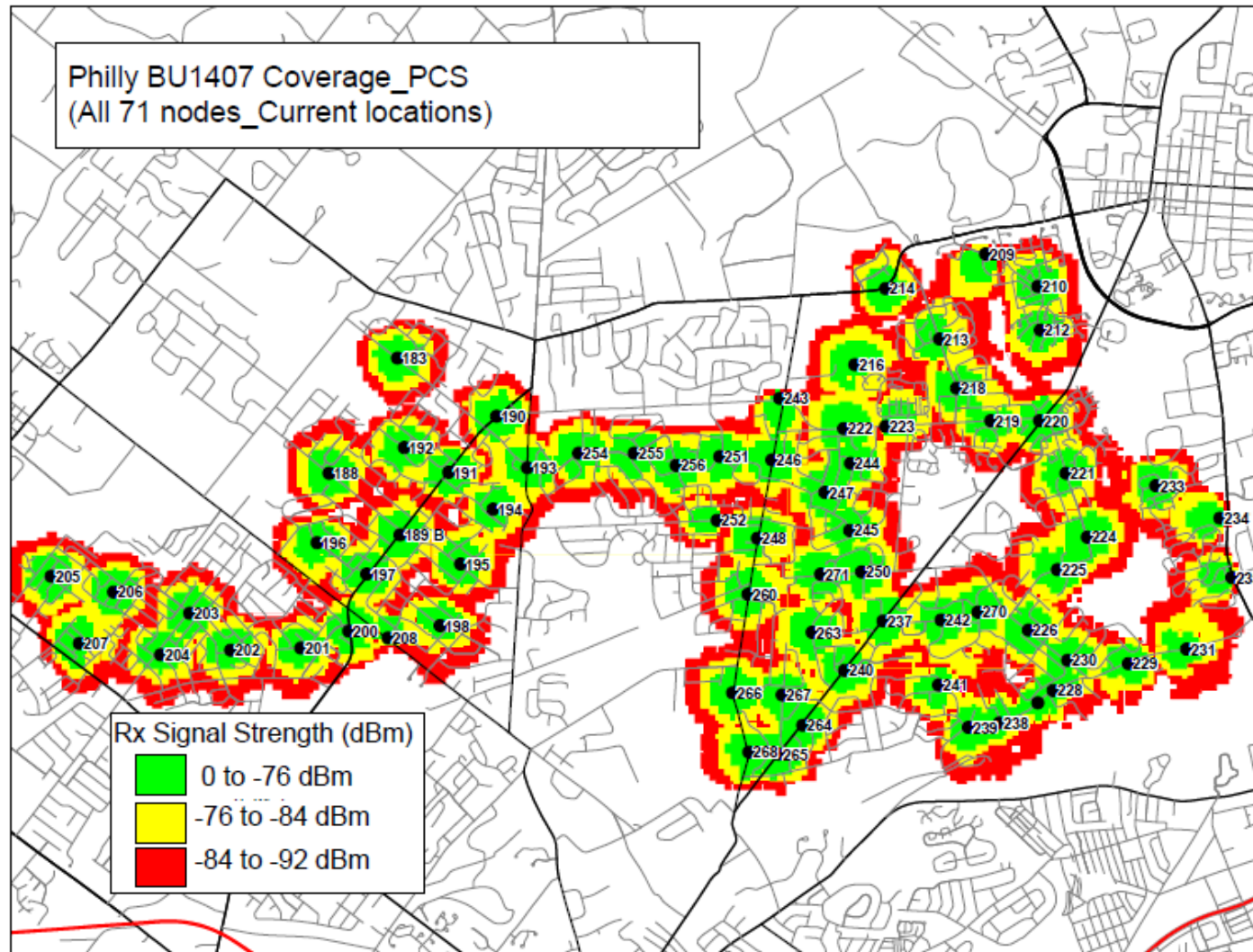
ATC OUTDOOR DAS

Northampton Township Node Alternates

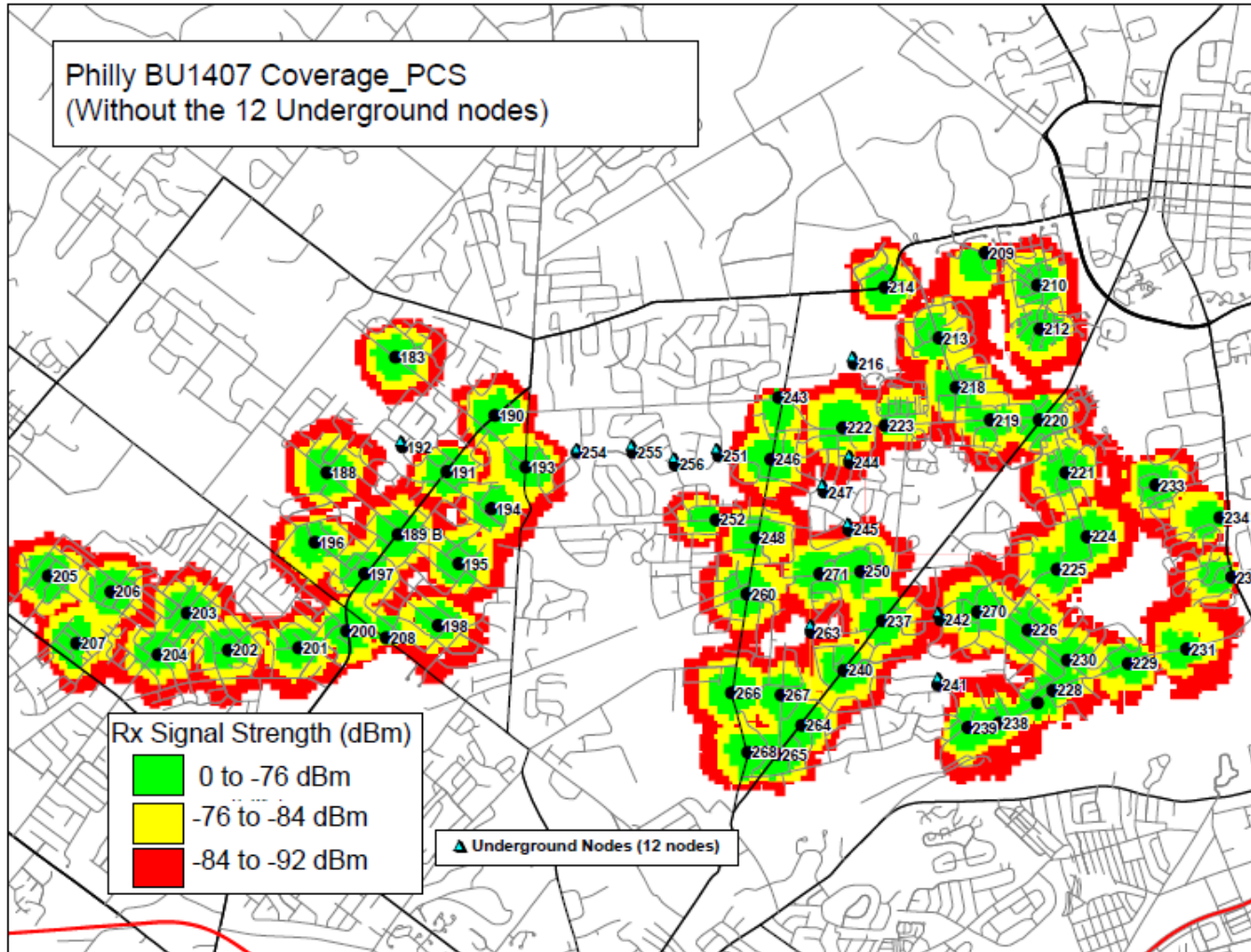
12 Nodes – Coverage Slides



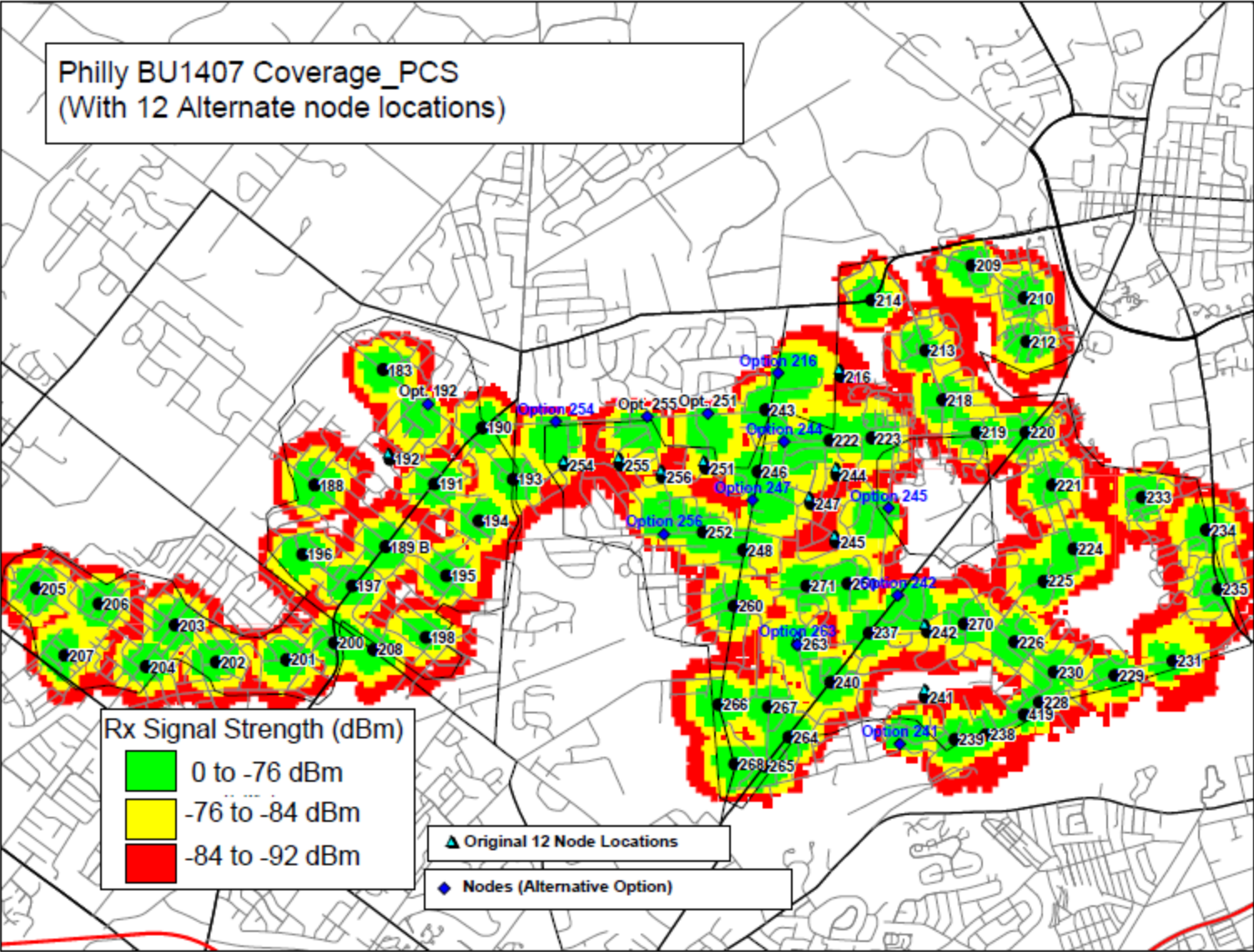
Coverage with 12 Original Nodes



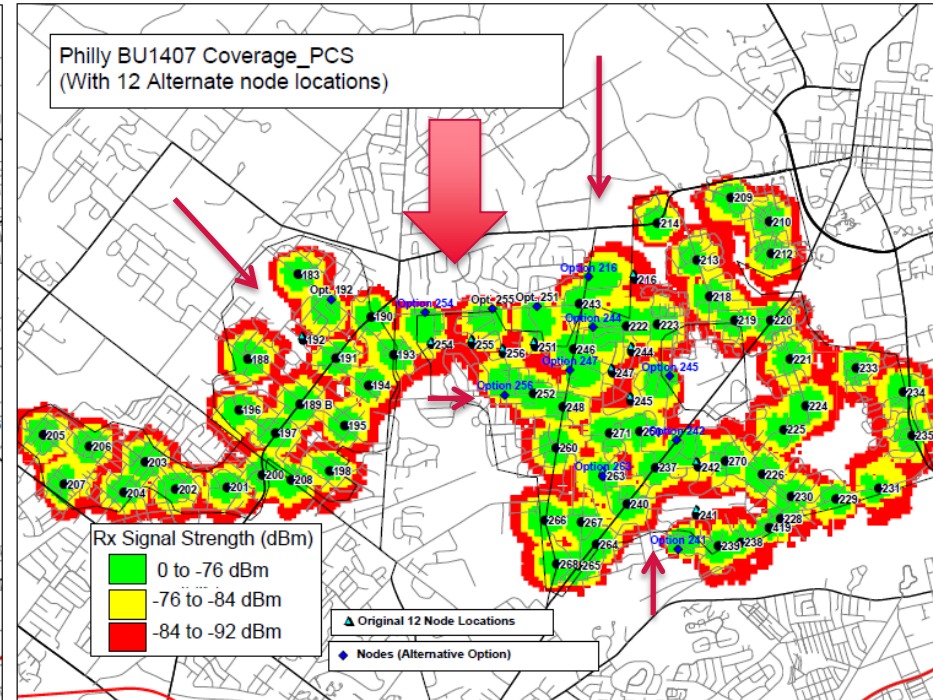
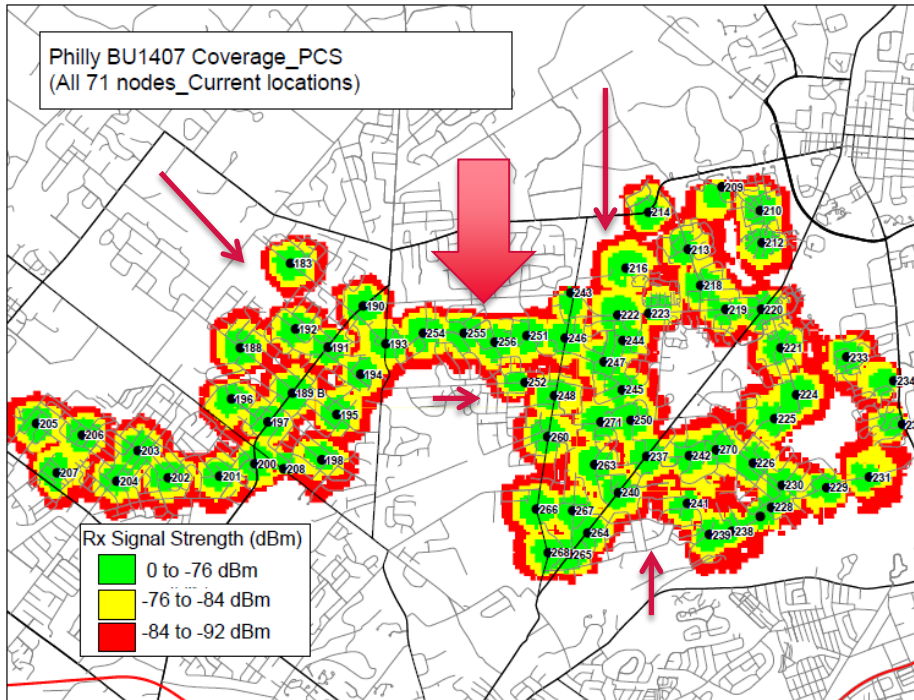
Coverage Without 12 Original Nodes



Coverage with 12 Alternate Nodes



Original vs. Alternate Coverage



12 Alternate Node Locations

Northampton Township



Alternate Node Locations

<u>Node #</u>	<u>Lat</u>	<u>Long</u>	<u>Approx. Address</u>	<u>GIS Address</u>	<u><i>Replace Existing or New Wooden</i></u>
Alternate 192	40.21061	-75.02137	Tanyard Rd. and Pond View Dr.	69 Tanyard Rd	New Wooden (Offset)
Alternate 216	40.21340	-74.98048	North of Upper Holland Rd. and Holland Rd.	1413 Holland Rd	New Wooden (Offset)
Alternate 241	40.18029	-74.96624	South of Mill Creek and Rocksville Rd.	91 Gate House Dr	Replace Existing Wooden Pole
Alternate 242	40.19356	-74.96648	Buck Rd. and Rolling Hills Dr.	986 Buck Rd	New Wooden (Offset)
Alternate 244	40.20728	-74.97976	North of Shelley Rd. and Joanne Rd. (Cul-de-sac)	199 Shelley Rd	New Wooden (Offset)
Alternate 245	40.20135	-74.96755	Johanna Dr. and Old Jordan Rd.	1281 Old Jordan Rd	New Wooden (Offset)
Alternate 247	40.20206	-74.98344	South of Rosemary Dr. and Holland Rd.	1074 Holland Rd	New Wooden (Offset)
Alternate 251	40.20978	-74.98866	East of Upper Holland and Florence Drive	500 Upper Holland Rd	New Wooden (Offset)
Alternate 254	40.20907	-75.00645	West of Upper Holland Rd. and Torresdale Dr.	79 Upper Holland Rd	Replace Existing Wooden Pole
Alternate 255	40.209508	-74.995746	East of Upper Holland Rd. and Chestnut Dr.	350 Upper Holland Rd	New Wooden (Offset)
Alternate 256	40.19899	-74.99380	Lower Holland Rd. and James Dr.	416 Lower Holland Rd	New Wooden (Offset)
Alternate 263	40.18916	-74.97822	Across from 205 Woodlake Drive	168 Woodlake Dr	Fiberglass Pole / Across Street from Original Location



Node 192 Alternate (New Offset-50' Pole/ 69 Tanyard Rd)

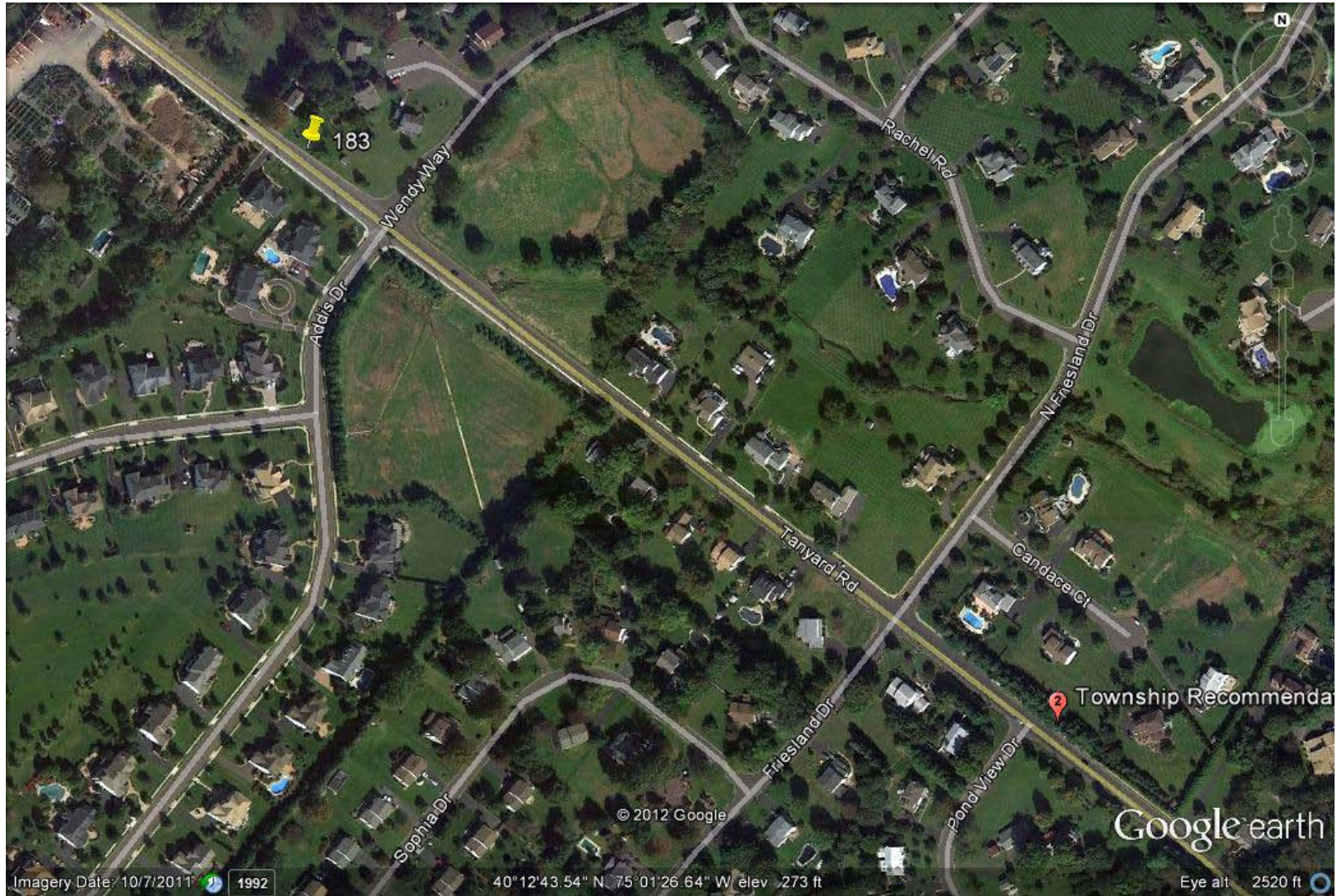


Node 192 Alternate (Example / Existing Infrastructure)



Node192 Alternate

Existing offset node 183 is 0.35 miles NW of proposed node



Node 216 Alternate (New Offset-50' Pole/1413 Holland Rd)



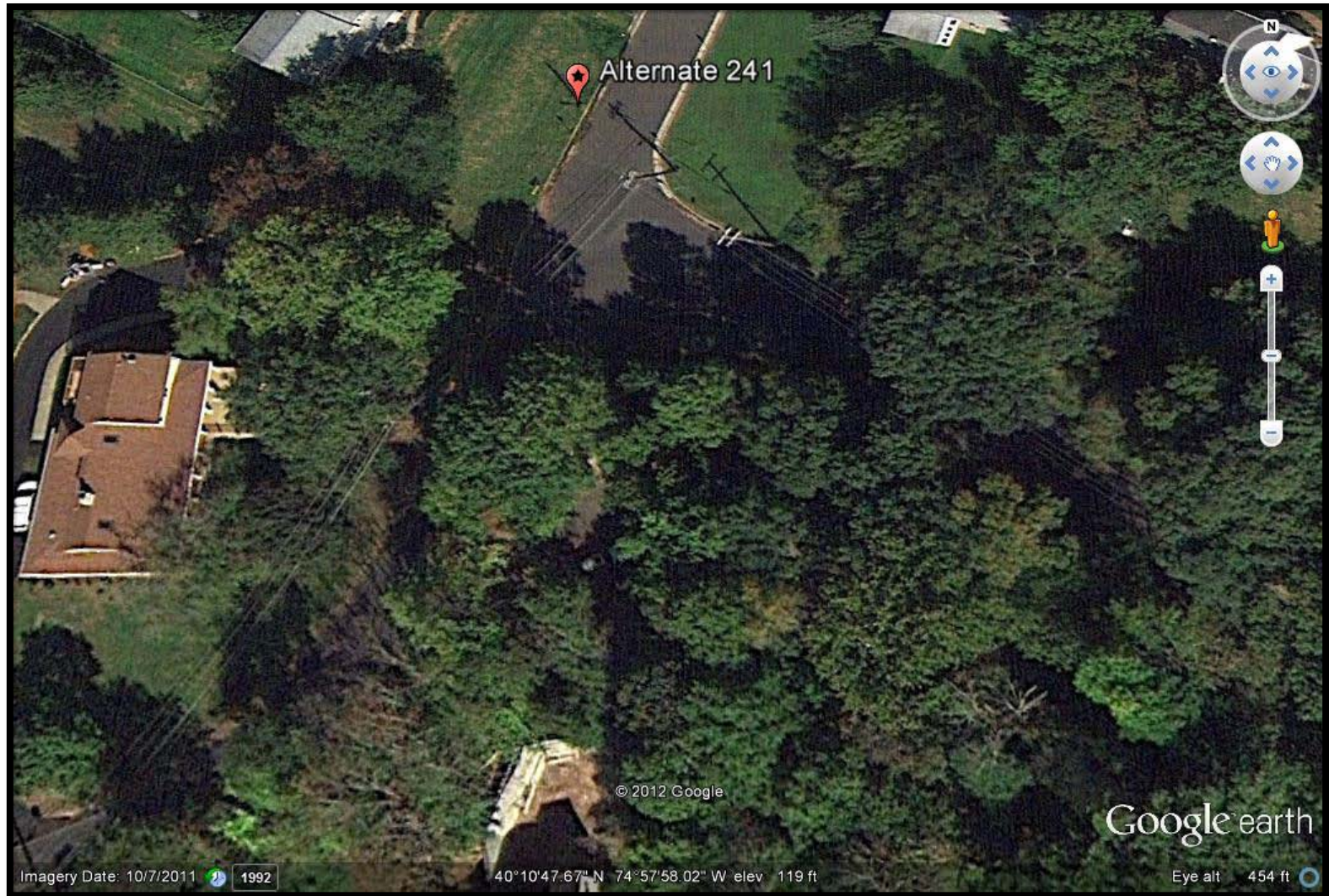
Node 216 Alternate (Wide Shot - Rear of School)



Node 241 Alternate (Replace Existing with 50' pole /91 Gate House Dr)



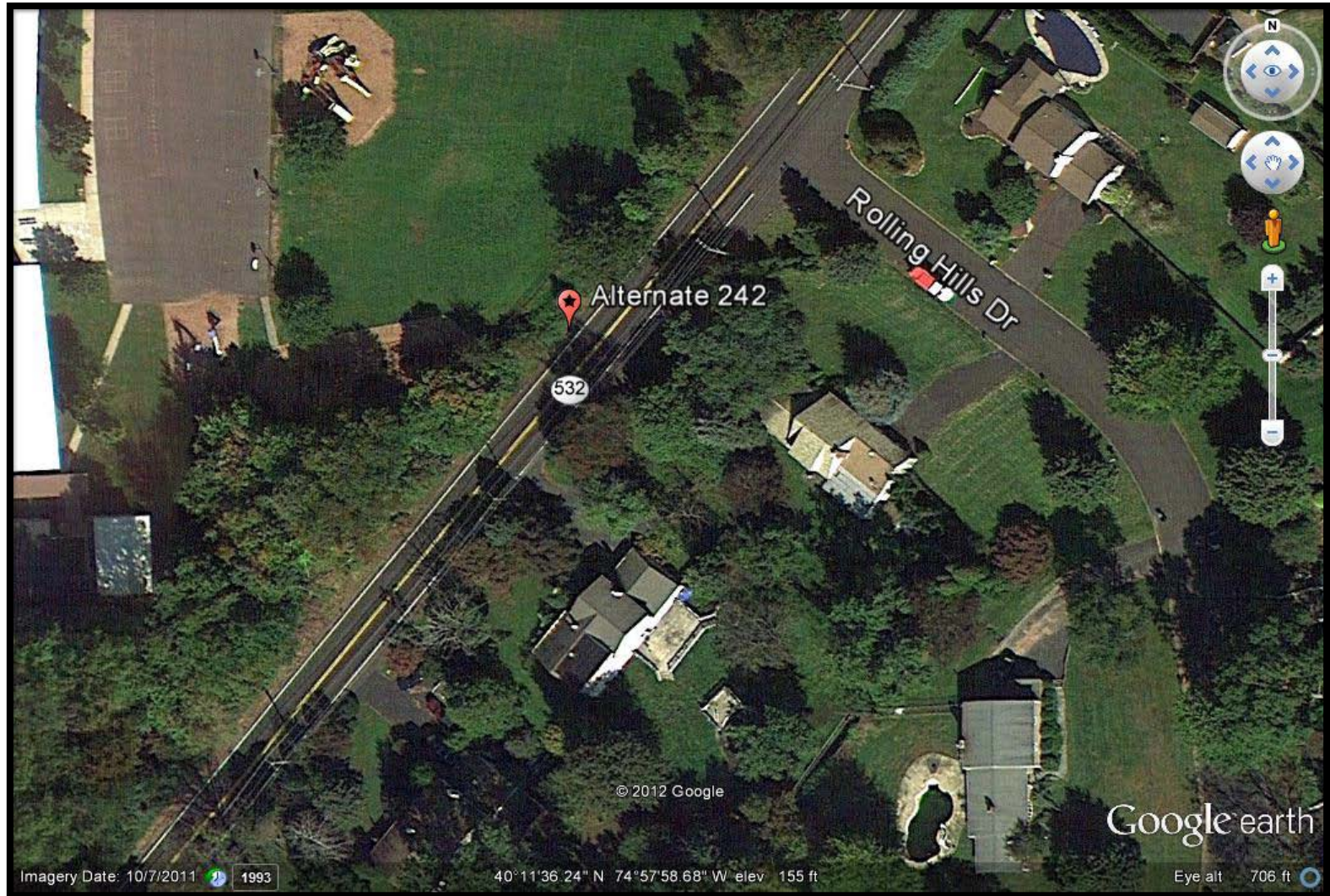
Node 241 Alternate (Zoom)



Node 241 Alternate (Existing Infrastructure)



Node 242 Alternate (New Offset-50' Pole/986 Buck Rd)



Node 242 Alternate (Example / Existing Infrastructure)

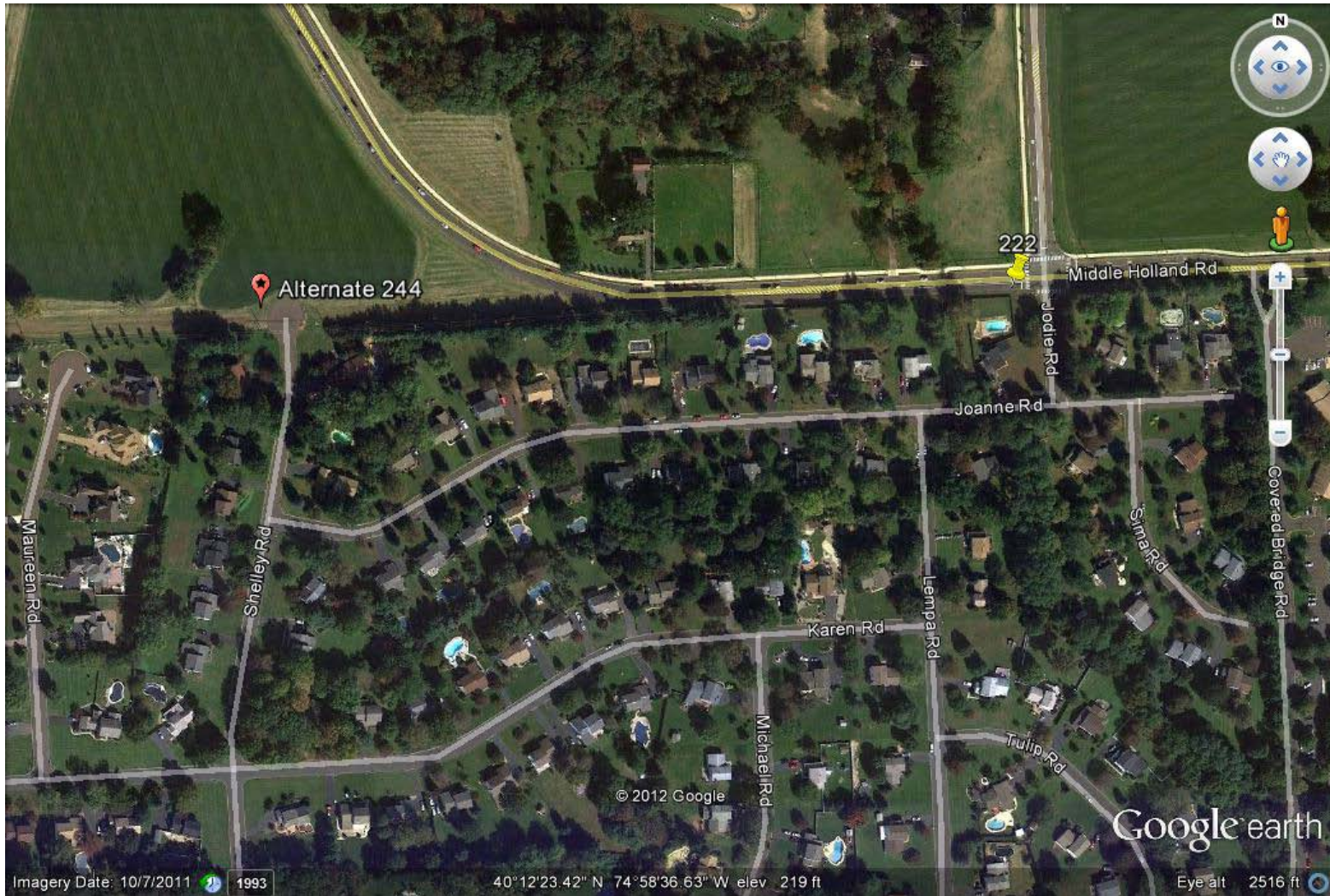


Node 244 Alternate (New Offset-50' Pole/199 Shelley Rd)

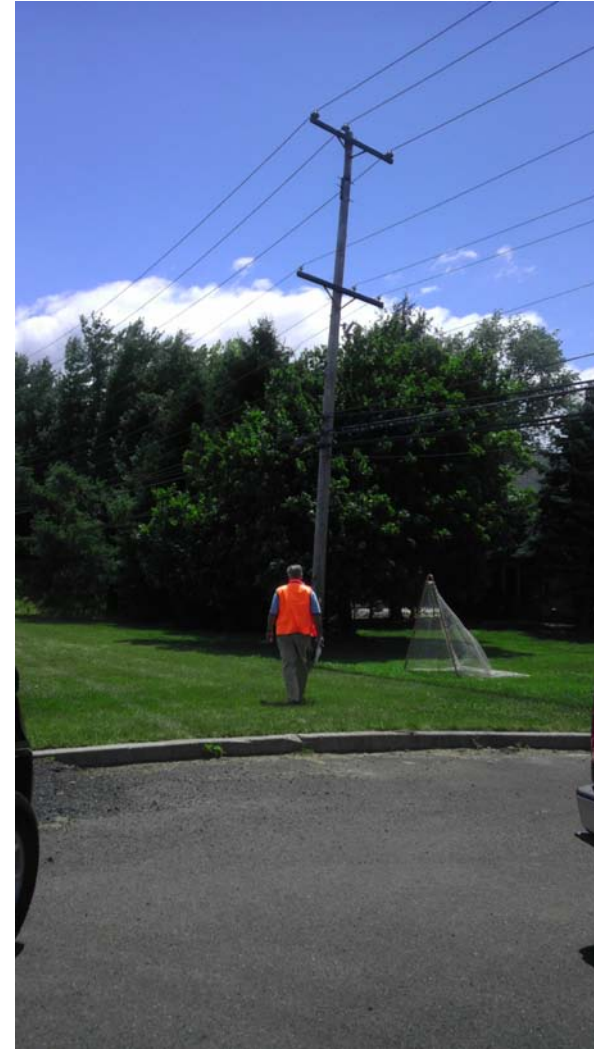


Node 244 Alternate

(Existing offset node 222 is 0.3 miles East of proposed node)



244 Alternate (Example / Existing Infrastructure)

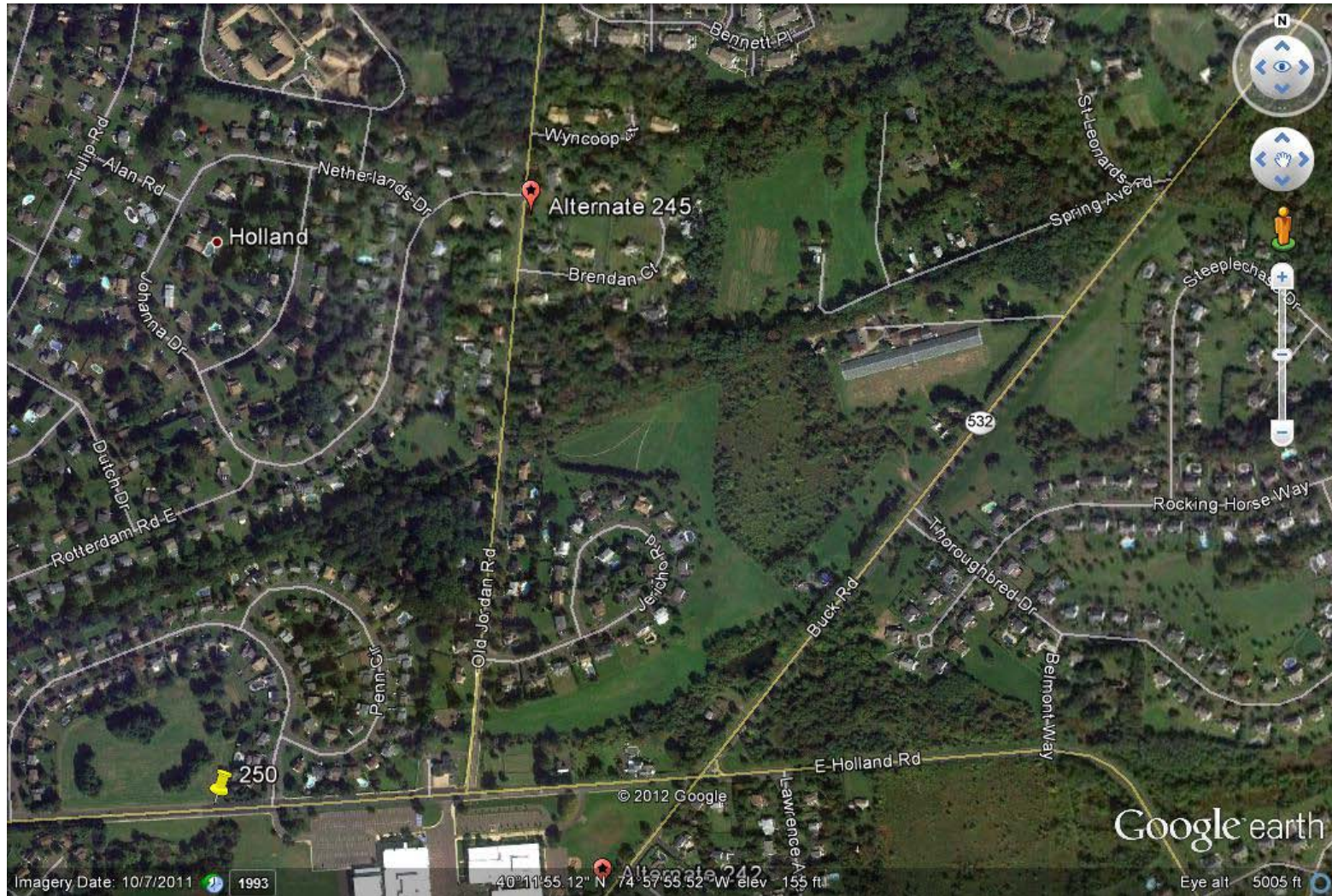


Node 245 Alternate (New Offset-50' Pole/ 1281 Old Jordan Rd)



Node 245 Alternate

(Existing offset node 250 is 0.7 miles SW of proposed node)



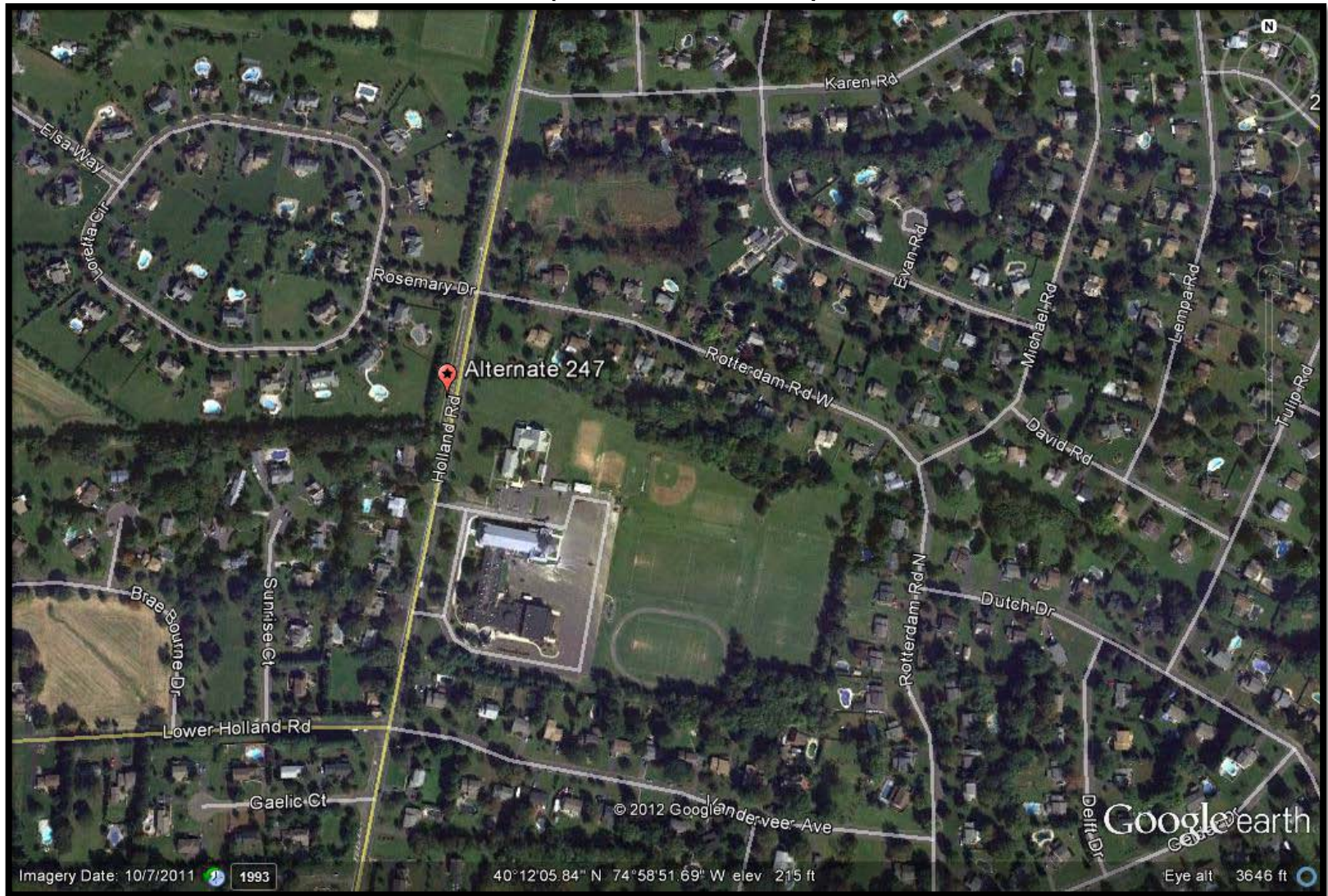
Node 245 Alternate (Example / Existing Infrastructure)



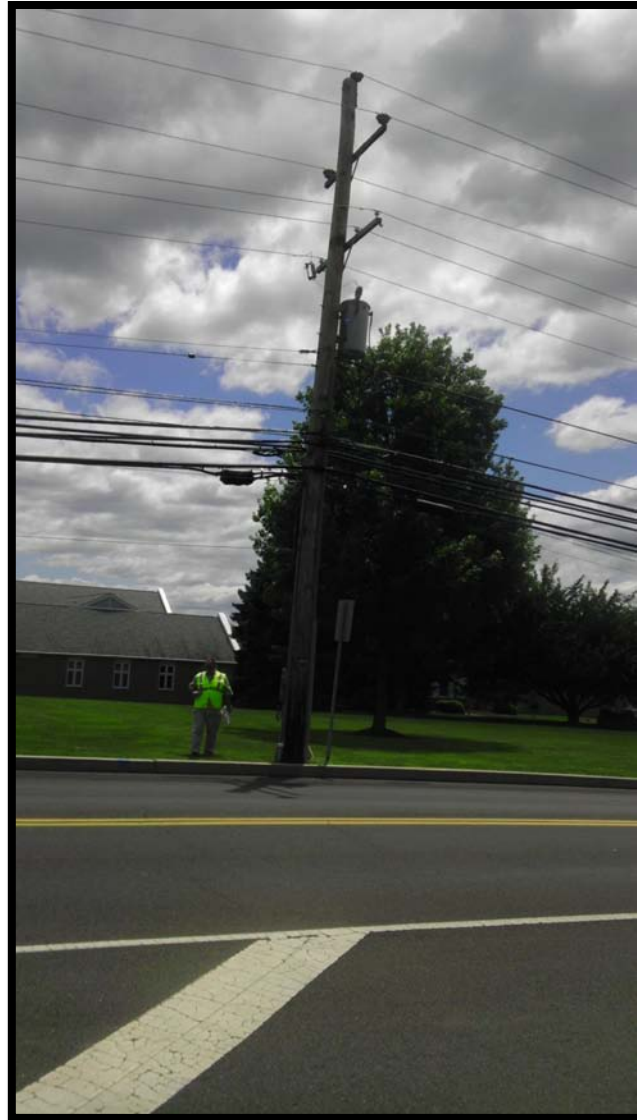
Node 247 Alternate (New Offset-50' Pole/ 1074 Holland Rd)



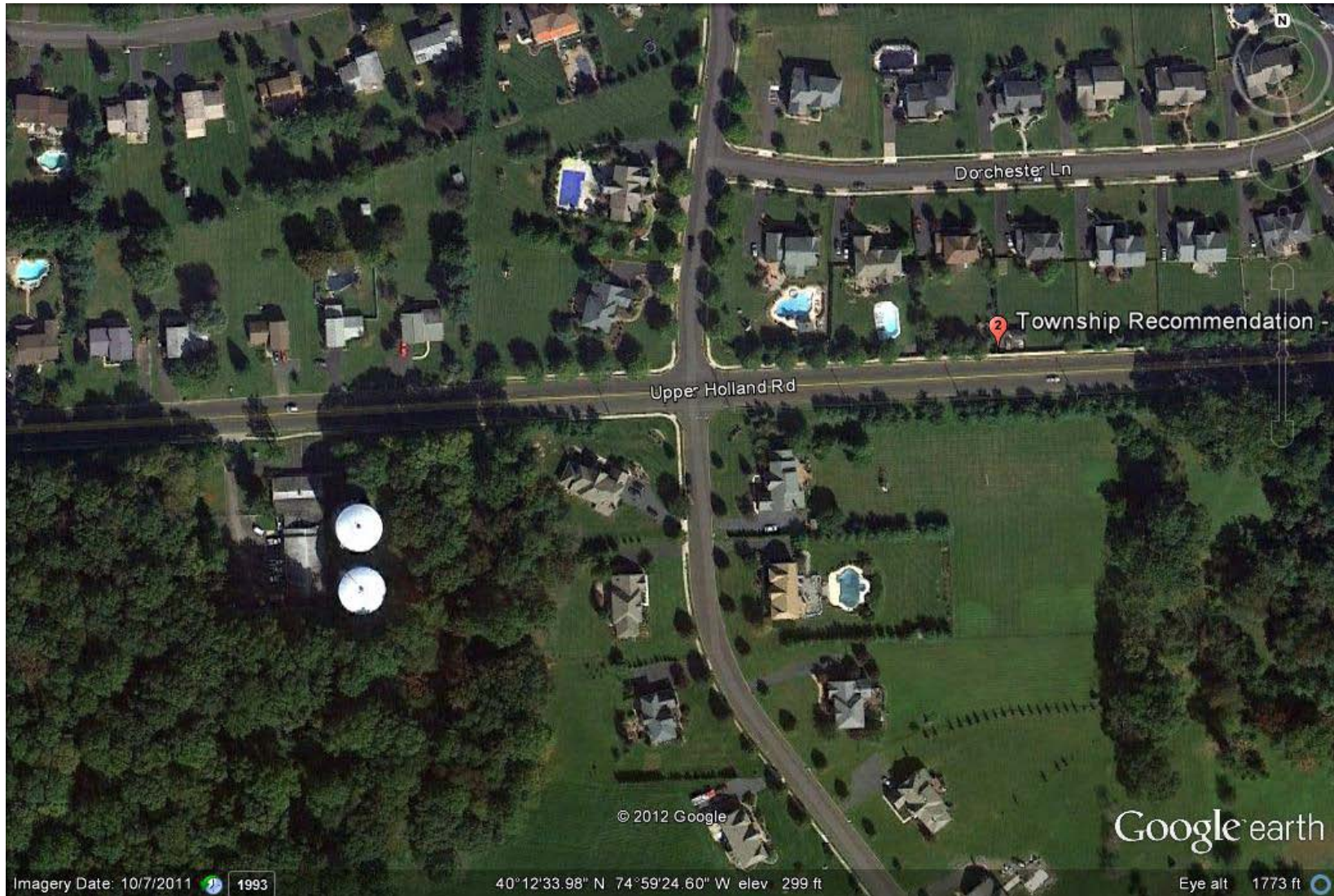
Node 247 Alternate (Wide Shot)



Node 247 Alternate (Existing Infrastructure)

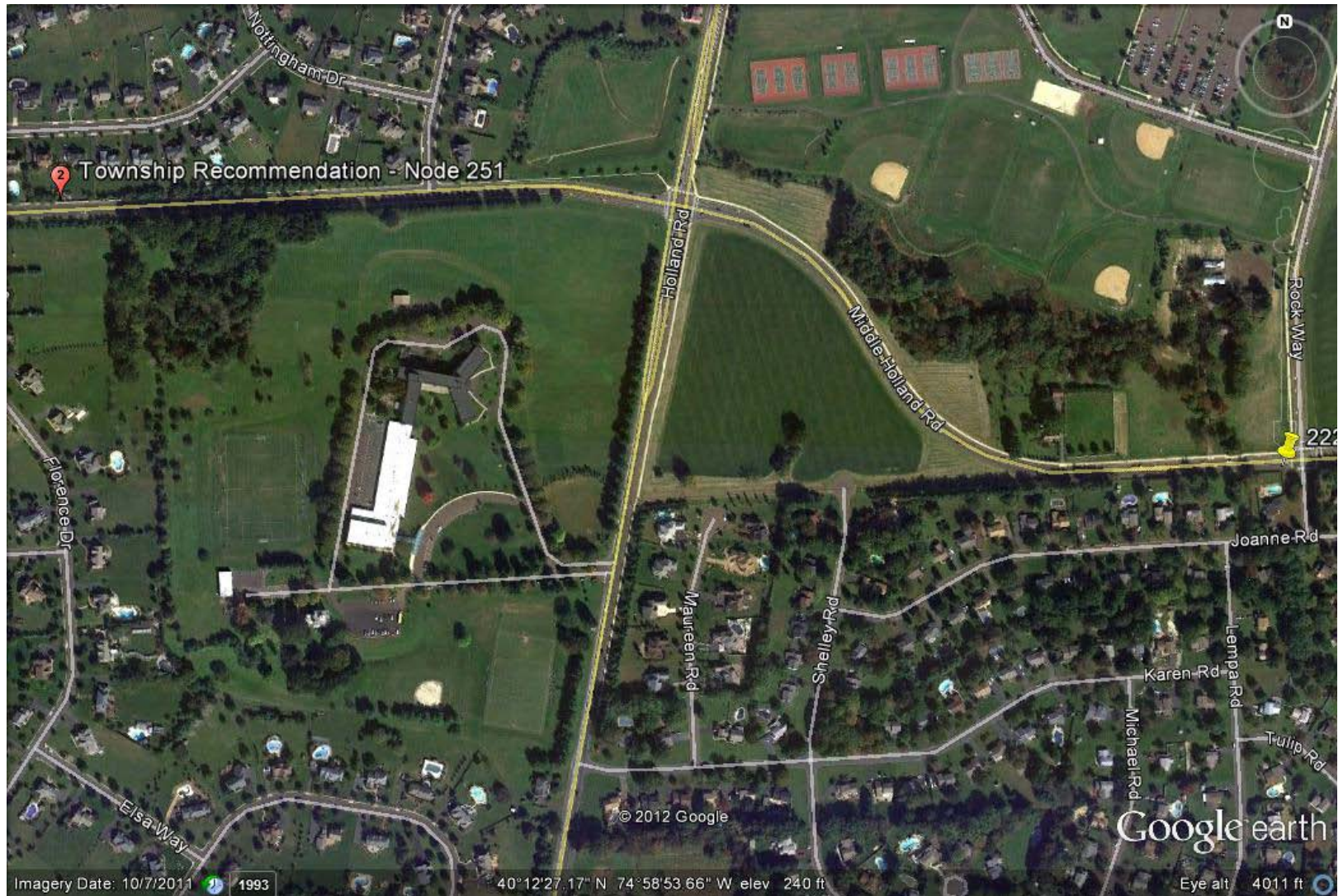


Node 251 Alternate (New Offset-50' Pole/ 500 Upper Holland Rd)



Node 251 Alternate

(Existing offset node 222 is 0.8 miles SE of proposed node)



Node 251 Alternate (Example / Existing Infrastructure)

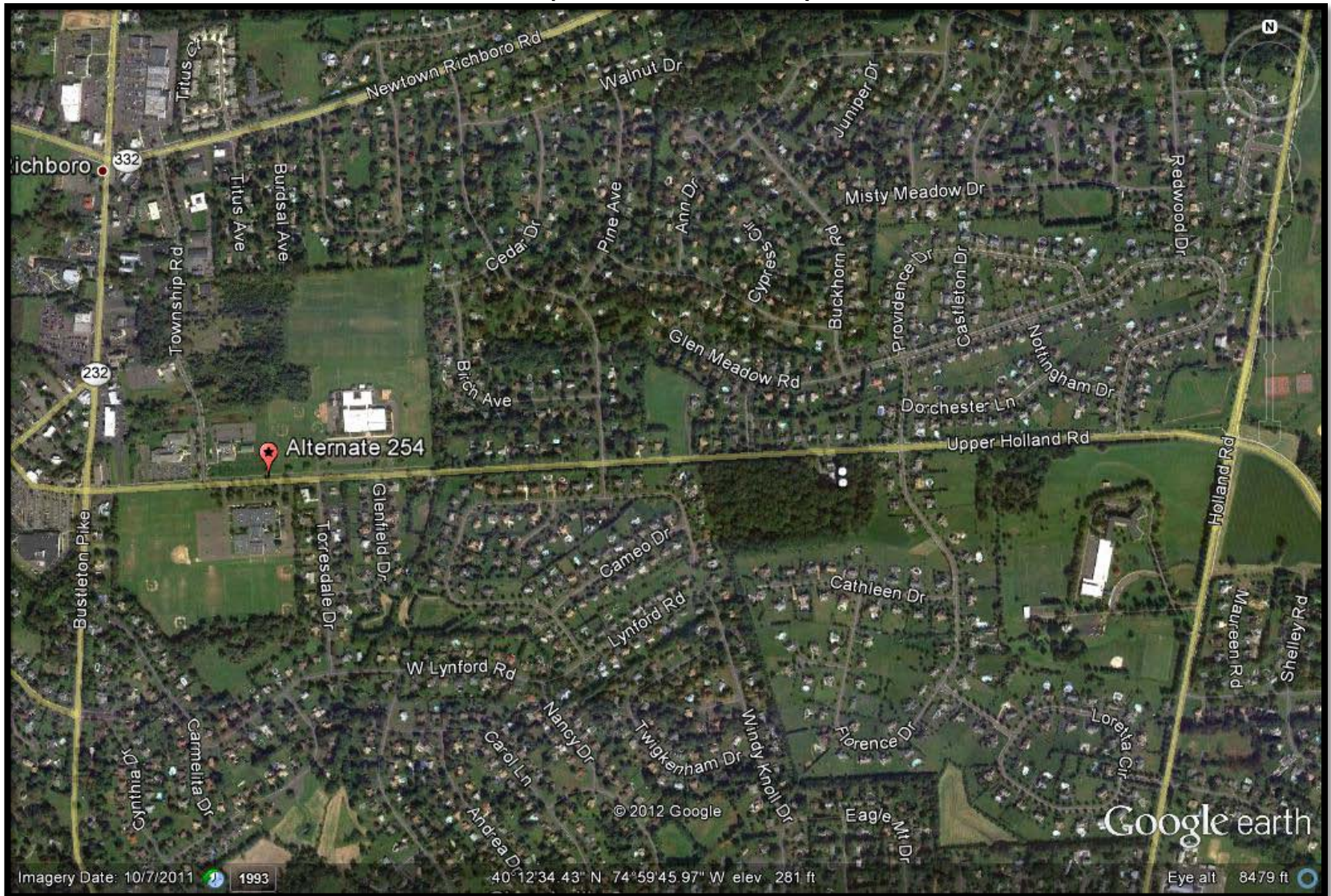


Node 254 Alternate

(Replace Existing with 50' Pole/ 79 Upper Holland Rd)



Node 254 Alternate (Wide Shot)



Node 254 Alternate (Existing Infrastructure)



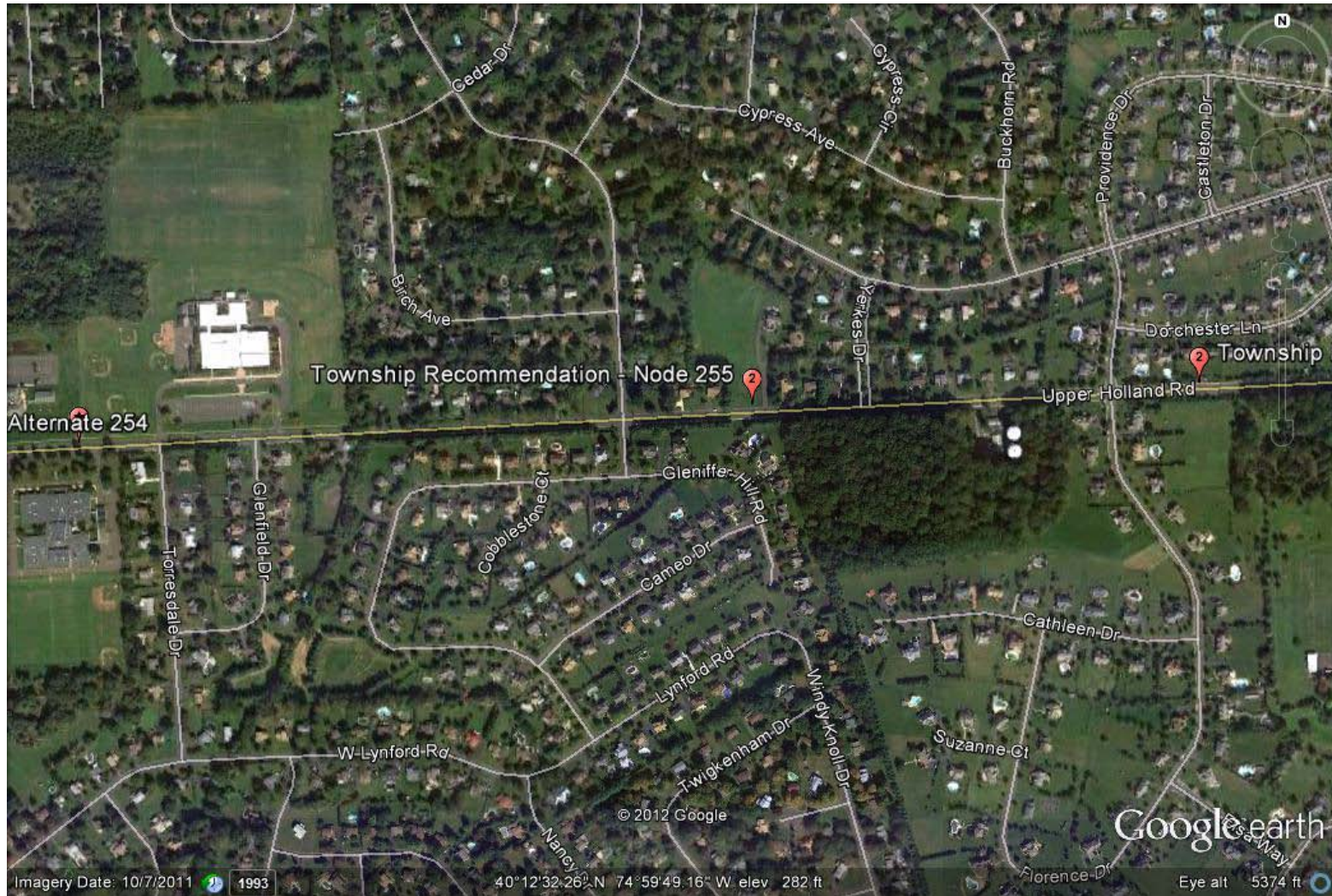
Node 255 Alternate (New Offset-50' Pole/ 350 Upper Holland Rd)



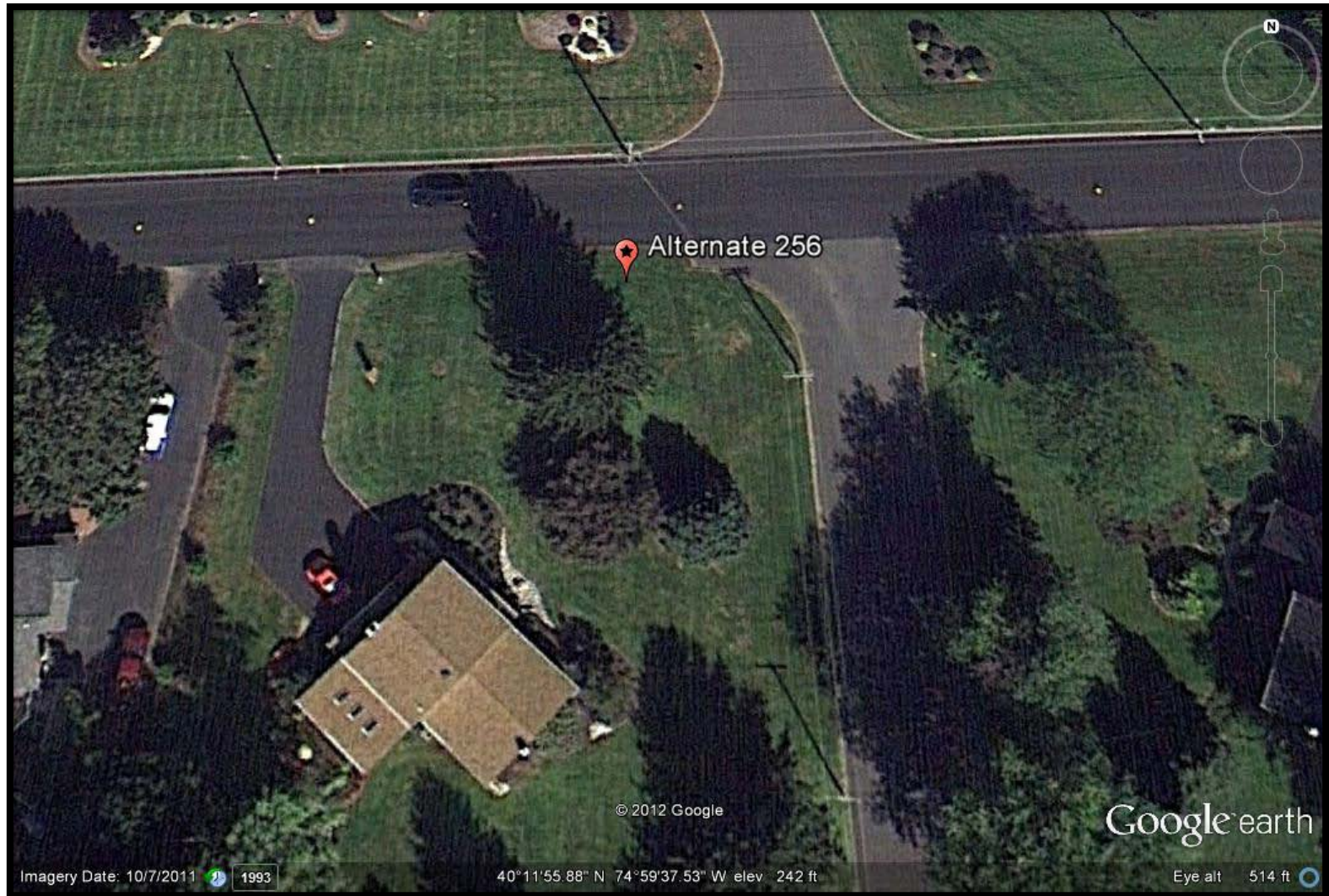
Node 255 Alternate (Existing Infrastructure)



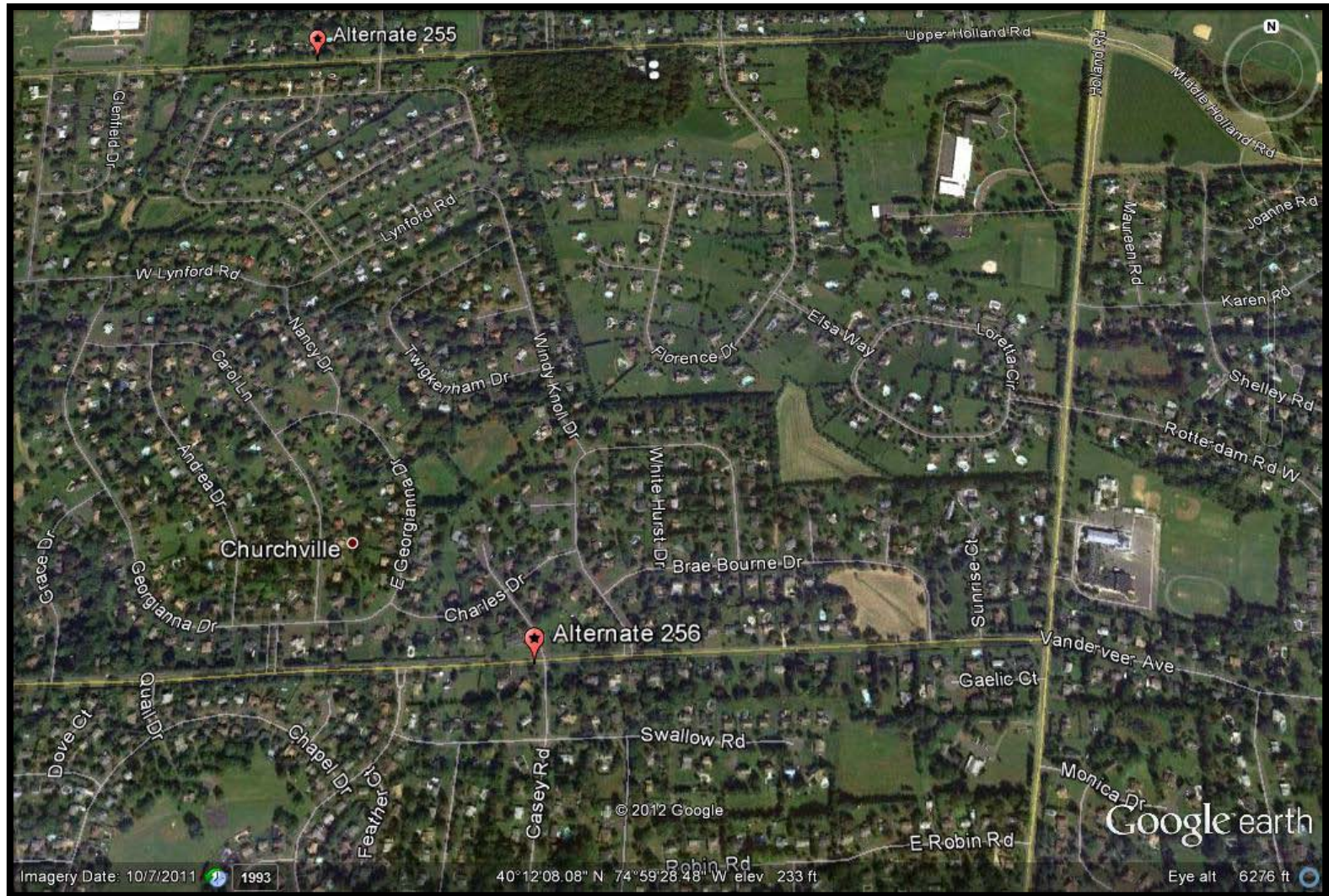
Node 255 Alternate (Wide Shot)



Node 256 Alternate (New Offset-50' Pole/ 416 Lower Holland Rd)



Node 256 Alternate (Wide Shot)



Node 263 Alternate (New 25' Fiberglass Pole/ 168 Woodlake Dr)



Node 263 Alternate (Wide Shot)

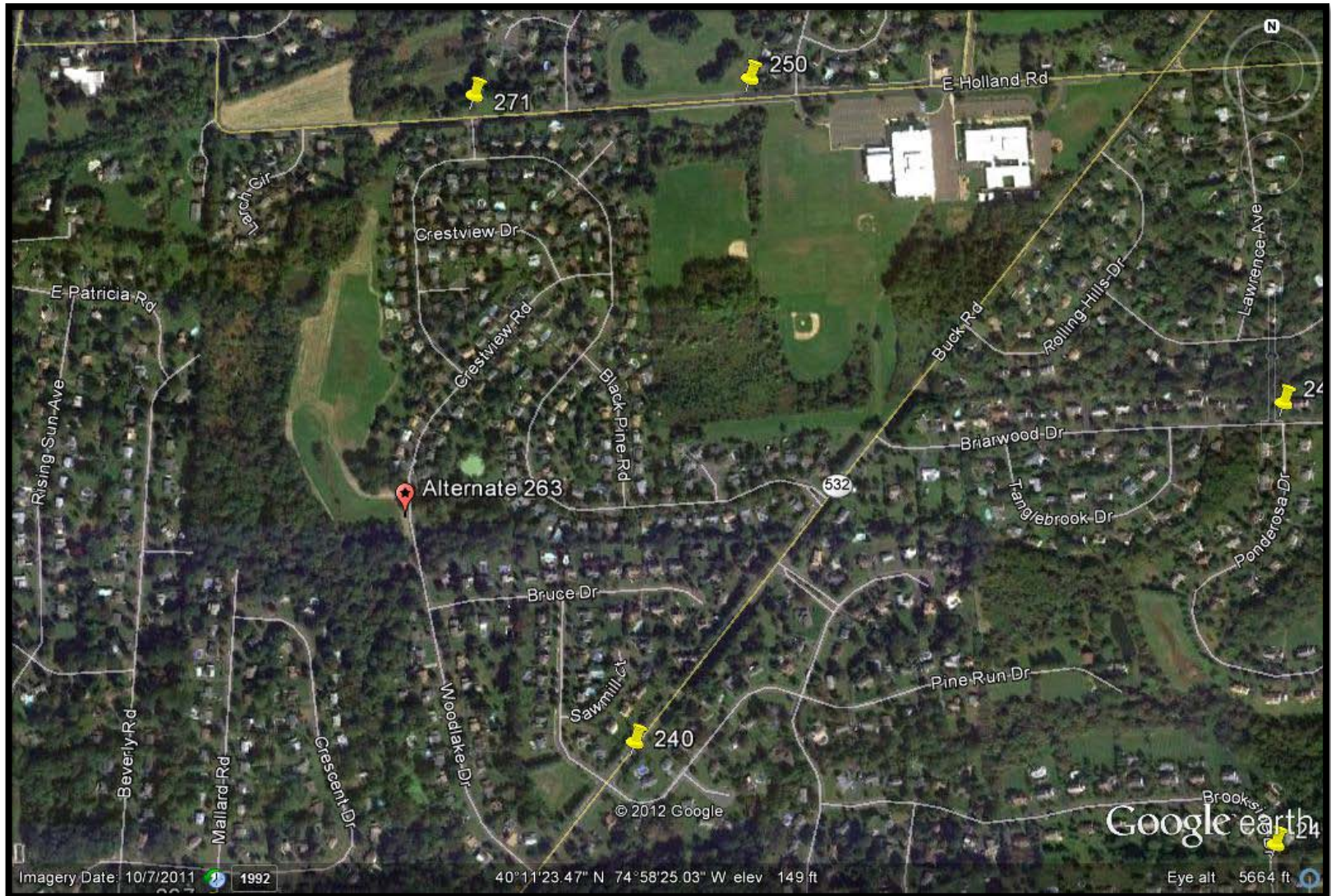
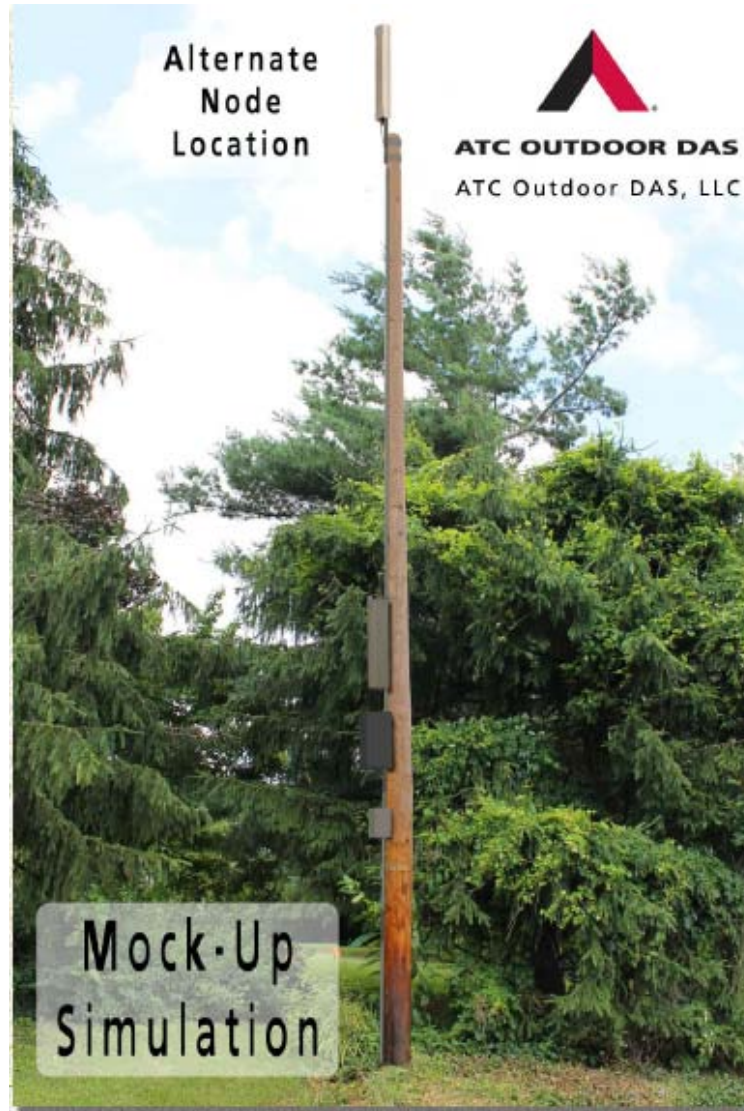


Photo Example

Northampton



Example Solution for Alternate Locations



Thank You

