



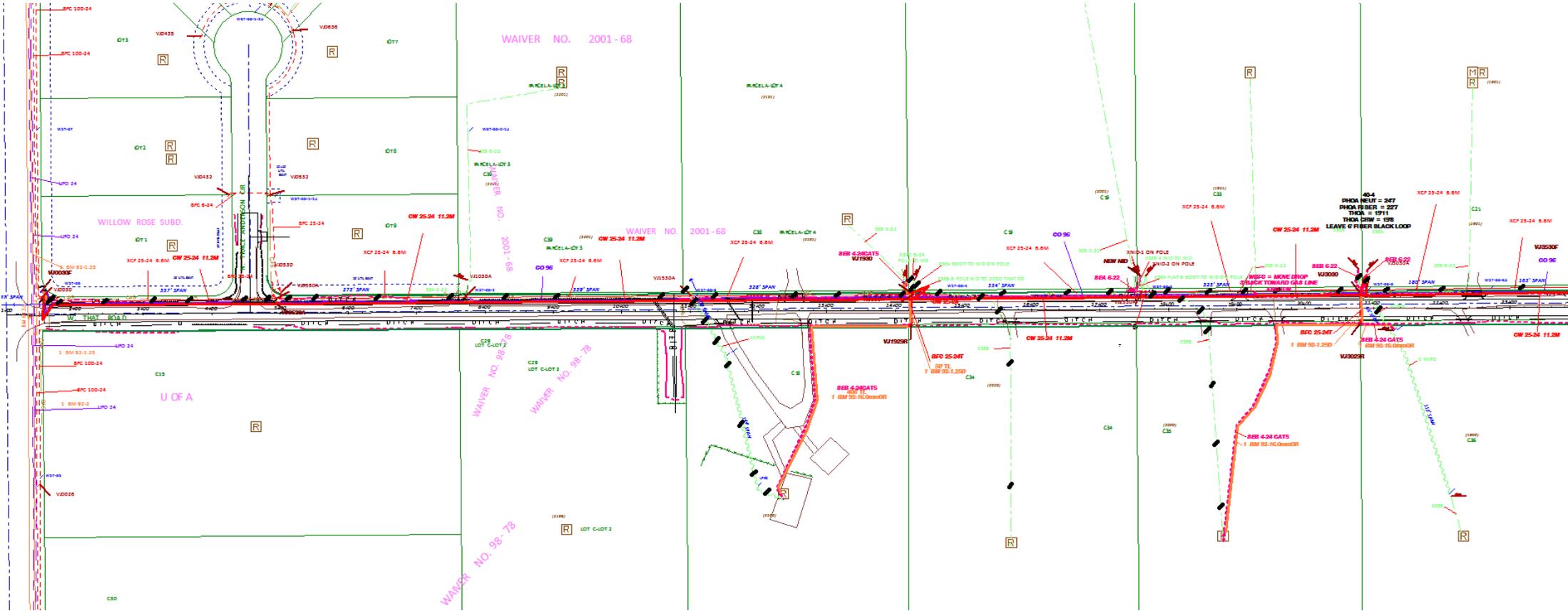
How does MTA use GIS mapping data?

Few main examples:

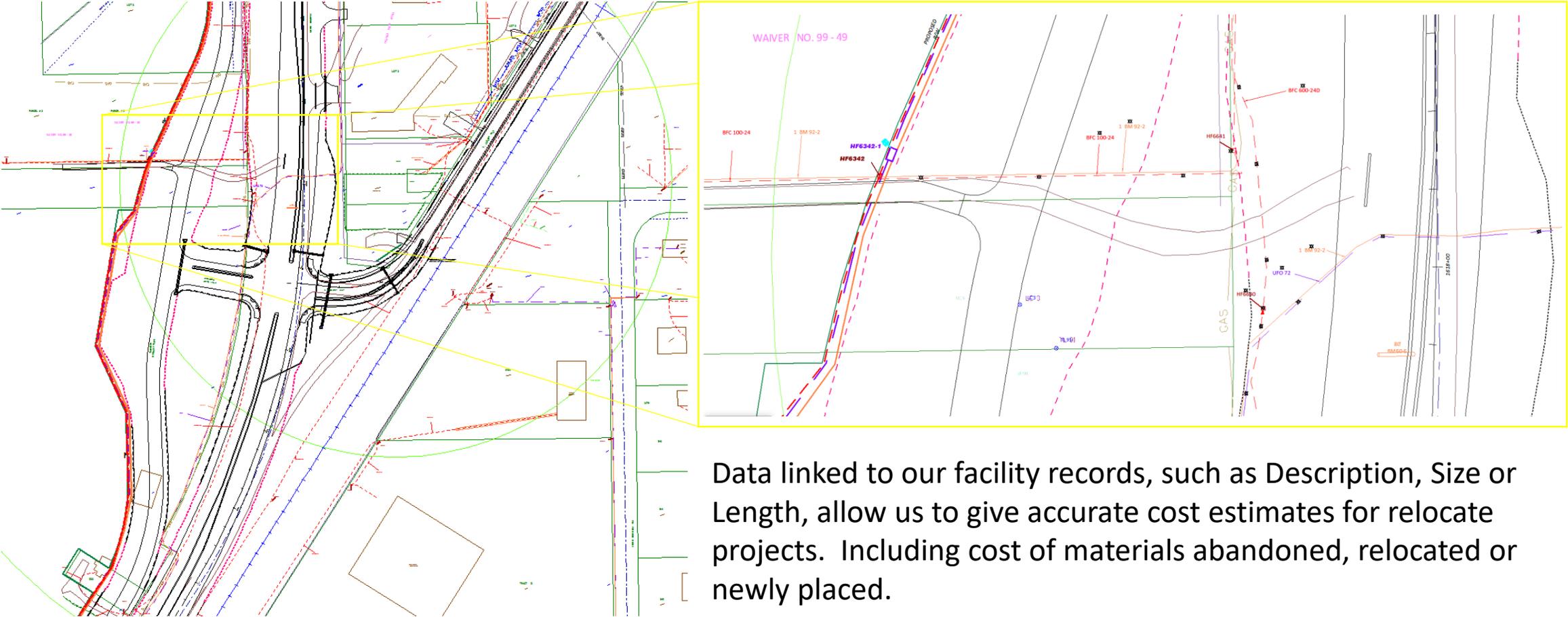
- Planning - New or Upgraded Network Facilities
 - Relocate projects (MSB, DOT, MOA, City of Palmer or Wasilla, etc.)
 - New Subdivision Designs (MSB Landbase)
- Sales - Proving Service Capabilities by Location
- Reporting - Census Blocks
 - Active Services by Technology Type for FCC
 - Identify MTA Areas Served vs Competition

Planning - Relocate from MSB

Coordinate data allow us to import relocate projects from other agencies into our facilities management software



Planning - Relocate from DOT used for Design



Data linked to our facility records, such as Description, Size or Length, allow us to give accurate cost estimates for relocate projects. Including cost of materials abandoned, relocated or newly placed.

Planning – Designed as Fiber to the Home

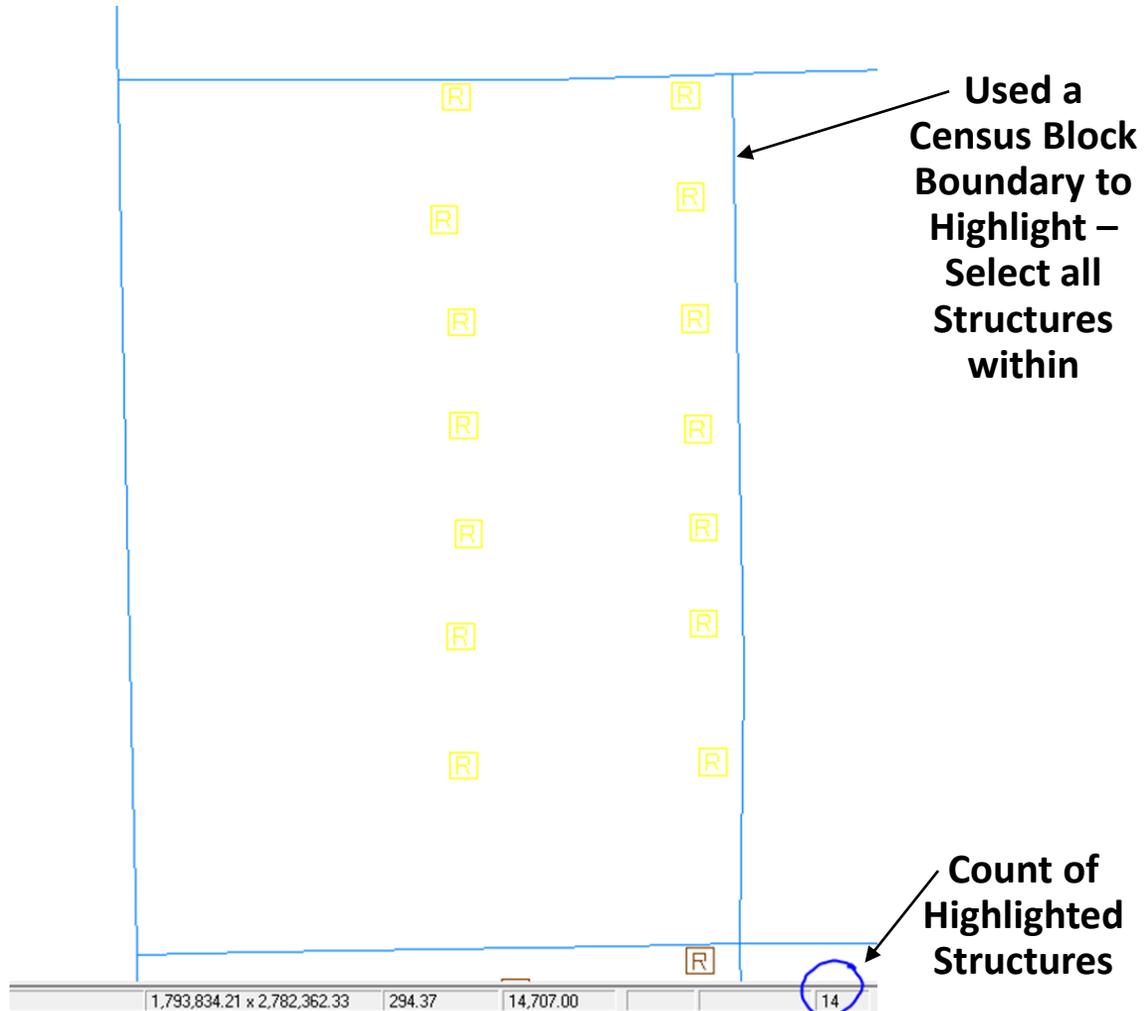
Proposed Subdivision design
(Image from MSB site)



Subdivision built with FTTH design
(Lines Highlighted for visibility)



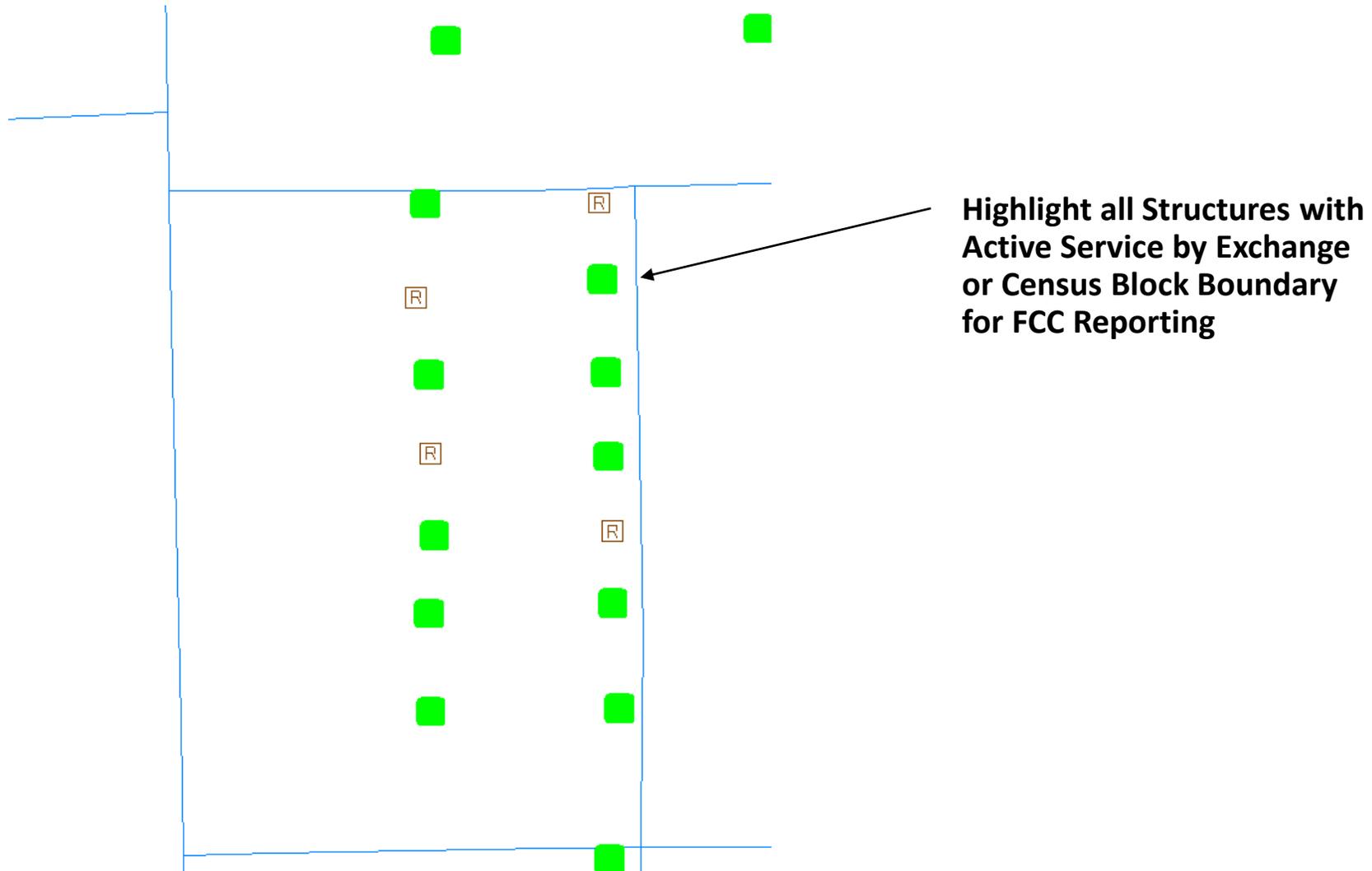
Reporting - Using Polygon Boundaries



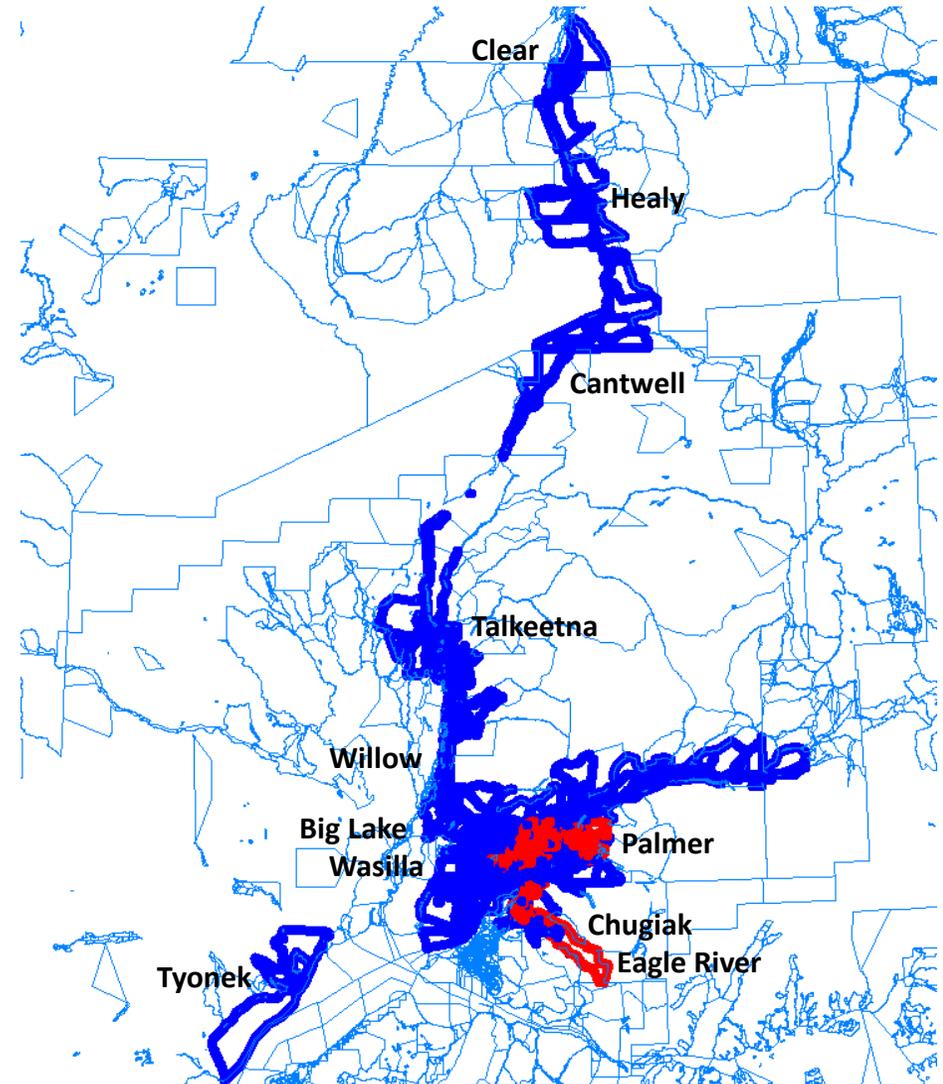
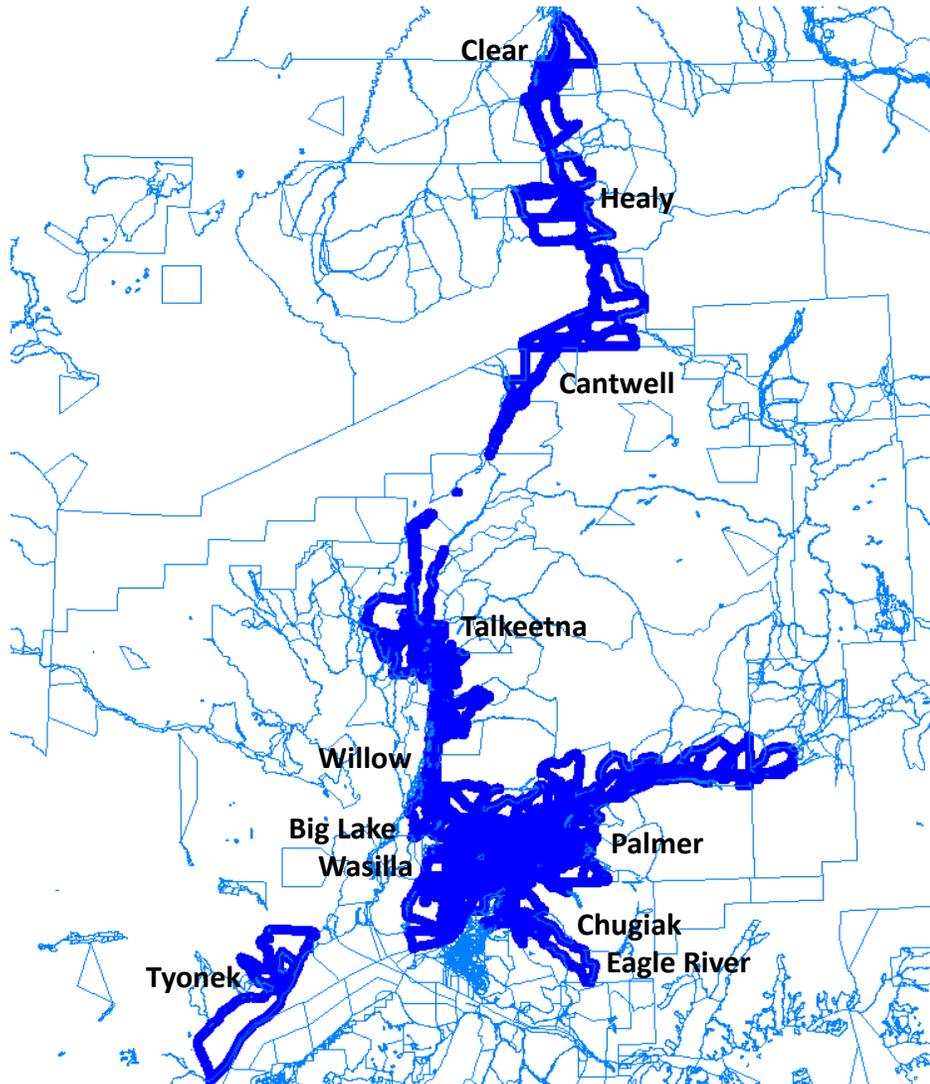
Selection set can easily create a list of records that can be used for additional queries or exported to Excel

Find on Map	Record Count	Open All Maps	Print				
Attach to Graphics	Refresh Records	Sort	Export to Excel				
StreetNumber	HouseStreetName	HouseLot	HousePD	HouseCity	HouseStateCode	HouseAppartm	
567	N COBB ST	28	15	PALMER	AK		
229	W DOLPHIN AVE	22	15	PALMER	AK		
506	N BAILEY ST	21	5	PALMER	AK		
516	BAILEY	20	15	PALMER	AK		
517	N COBB ST	23	15	PALMER	AK		
526	BAILEY	19	15	PALMER	AK		
527	N COBB ST	24	15	PALMER	AK		
536	N BAILEY ST	18	15	PALMER	AK		
546	N BAILEY ST	17	15	PALMER	AK		
547	N COBB ST	26	15	PALMER	AK		
556	N BAILEY ST	16	15	PALMER	AK		
557	GLENN	27	15	PALMER	AK		
566	BAILEY	15	15	PALMER	AK		
537	N COBB ST	25	15	PALMER	AK		

Reporting – Structures with Active Service



Identify **MTA Areas** vs. **Competition** - Census Blocks



Future Endeavors

- WebServices for Real Time Updates to Parcel and Address Data between MTA and the Mat-Su Borough
- What Other Opportunities are there to Share Non-Proprietary Data?

Summary

- Planning - New or Upgraded Network Facilities
 - Coordinate Data for Importing or Exporting Landbase Features
- Sales - Proving Service Capabilities by Location
 - Geocoding of Structure Addresses in Proximity to MTA Facilities
- Reporting - Census Blocks (FCC)
 - Counts of Active Service by Technology Types by Geographic Boundaries
- Future Endeavors
 - Real Time Parcel and Address Updates