

AERIAL MAP



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EXISTING



|                                                                                                                                                                                     |                                                                                     |     |         |                      |     |                                                                                      |                                                                         |      |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|---------|----------------------|-----|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------|-------|
| <br>CONTACT : JOYCE YU<br>EMAIL : SIMS@DRAFTLINK.COM<br>PHONE : 949-232-6045<br>WWW.DRAFTLINK.COM |  | NO. | DATE    | REVISIONS            | BY  |  | <b>US-CA-7280<br/>CHEVIOT</b><br>6720 LESLIE PLACE<br>LUCERNE, CA 95458 | VIEW | SHEET |
|                                                                                                                                                                                     |                                                                                     | 0   | 6/26/23 | ISSUED FOR SUBMITTAL | JFY |                                                                                      |                                                                         | A    | 1 / 4 |
|                                                                                                                                                                                     |                                                                                     |     |         |                      |     |                                                                                      |                                                                         |      |       |
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| <br>CONTACT : JOYCE YU<br>EMAIL : SIMS@DRAFTLINK.COM<br>PHONE : 949-232-5095<br>WWW.DRAFTLINK.COM |  | NO. | DATE    | REVISIONS            | BY  |  | <b>US-CA-7280<br/>CHEVIOT</b><br>6720 LESLIE PLACE<br>LUCERNE, CA 95458 | VIEW | SHEET |
|                                                                                                                                                                                     |                                                                                     | 0   | 6/26/23 | ISSUED FOR SUBMITTAL | JFY |                                                                                      |                                                                         | B    | 2 / 4 |
|                                                                                                                                                                                     |                                                                                     |     |         |                      |     |                                                                                      |                                                                         |      |       |
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|                                                                                                                                                                                     |                                                                                     | 0   | 6/26/23 | ISSUED FOR SUBMITTAL | JFY |                                                                                      |                                                                         | C    | 3 / 4 |
|                                                                                                                                                                                     |                                                                                     |     |         |                      |     |                                                                                      |                                                                         |      |       |
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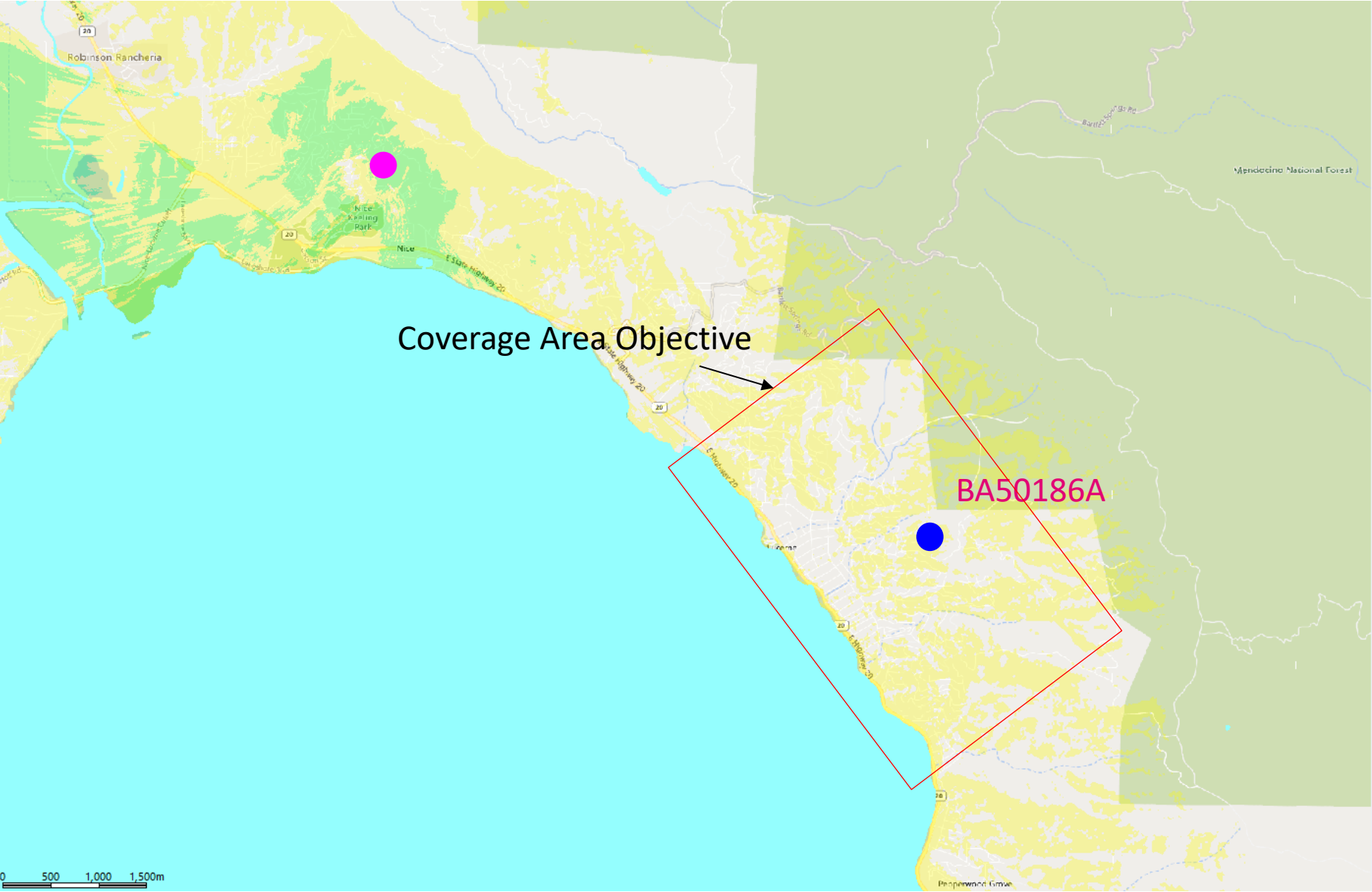


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EXISTING



**FIGURE A – EXISTING SERVICE WITHOUT THE PROPOSED SITE**



| Legend | Coverage                   | RSRP           | Pops |
|--------|----------------------------|----------------|------|
|        | Reliable Coverage (Indoor) | -100dBm < RSRP | 917  |

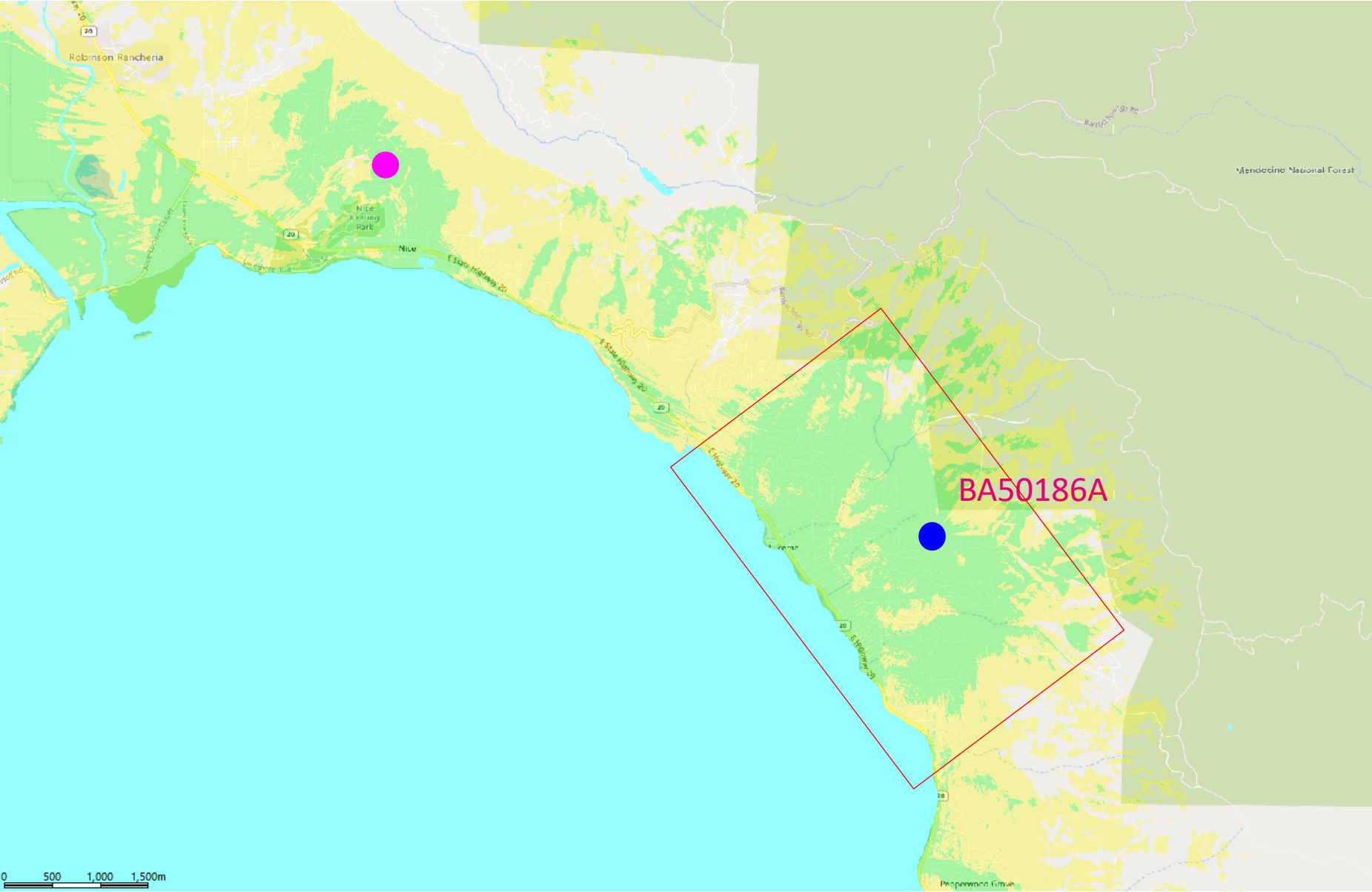
|  |                              |
|--|------------------------------|
|  | Existing T-Mobile Facilities |
|  | Proposed Facility            |

|  |                                              |
|--|----------------------------------------------|
|  | Reliable Coverage: -100dBm < RSRP            |
|  | Marginal Coverage : -115dBm < RSRP < -100dBm |

**Reliable Coverage:** **Green** represents in-building coverage allowing T-Mobile customers to access high speed internet indoors.

**Marginal Coverage:** **Yellow** represents in-vehicle coverage where T-Mobile customers are unable to access high speed internet indoors.

**FIGURE B –SERVICE WITH THE PROPOSED SITE AT 145’ TIP HEIGHT**



| Legend | Coverage                   | RSRP           | Pops  |
|--------|----------------------------|----------------|-------|
|        | Reliable Coverage (Indoor) | -100dBm < RSRP | 3,873 |

|  |                              |
|--|------------------------------|
|  | Existing T-Mobile Facilities |
|  | Proposed Facility            |

|  |                                             |
|--|---------------------------------------------|
|  | Reliable Coverage: -100dBm < RSRP           |
|  | Marginal Coverage: -115dBm < RSRP < -100dBm |

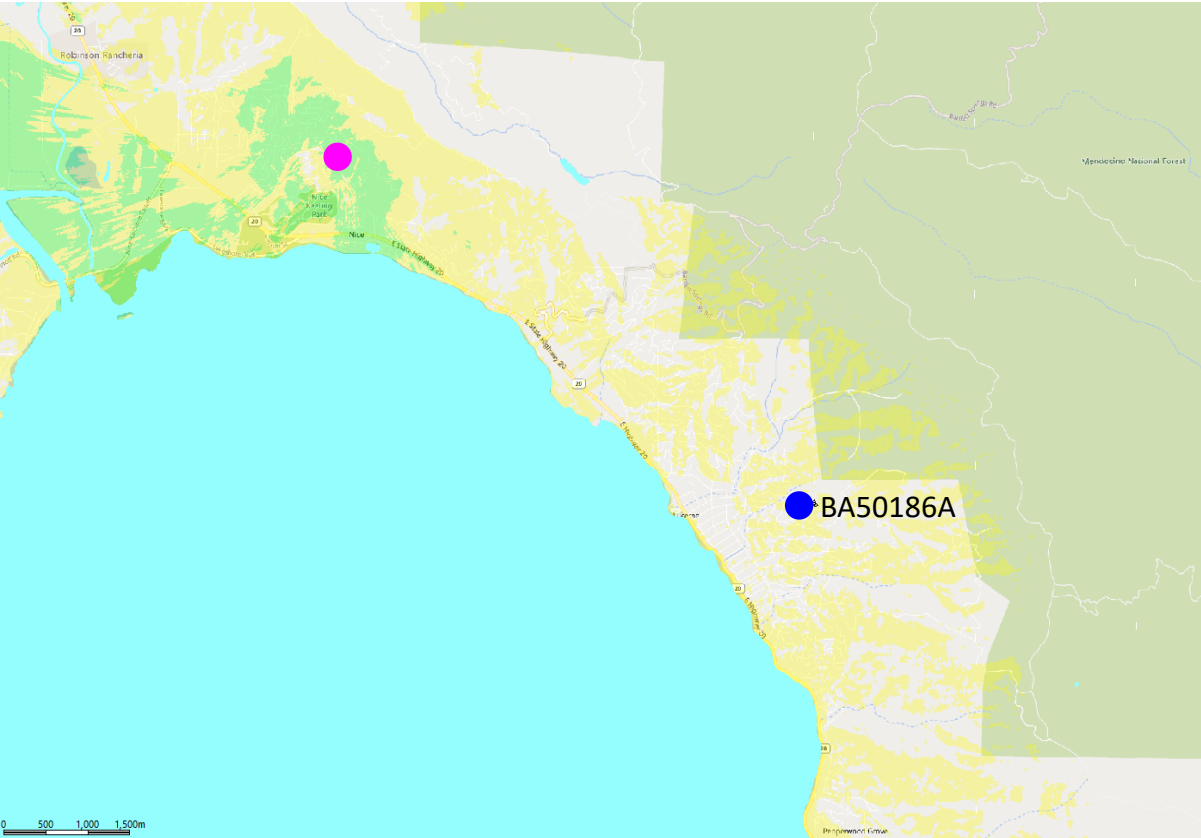
**Reliable Coverage:** **Green** represents in-building coverage allowing T-Mobile customers to access high speed internet indoors.

**Marginal Coverage:** **Yellow** represents in-vehicle coverage where T-Mobile customers are unable to access high speed internet indoors.

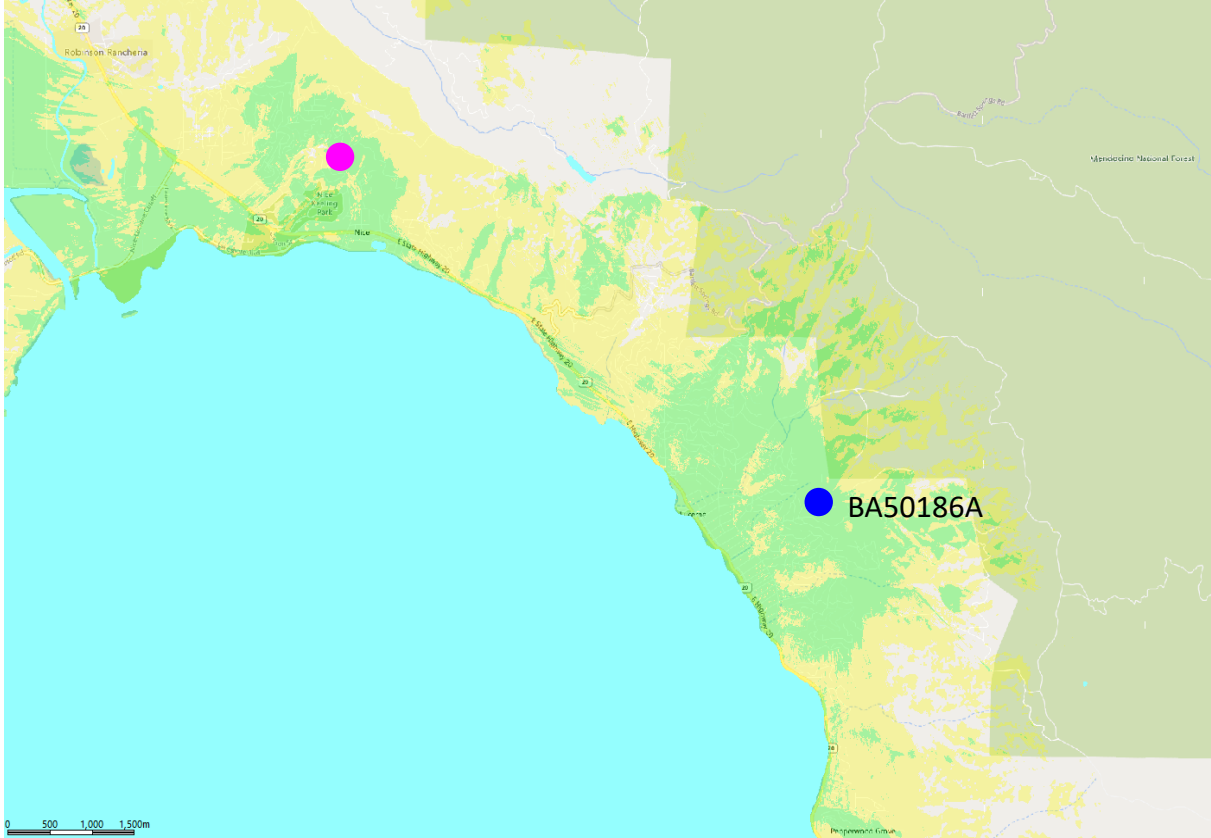
- 2,956 Additional Indoor Pops covered with the addition of BA50186A

FIGURE C – COMPARISON OF EXISTING COVERAGE AND COMPOSITE COVERAGE FROM PROPOSED SITE AT 145'

MID BAND (AWS-2100 MHZ) SERVICE (RSRP) EXISTING COVERAGE



MID BAND (AWS-2100 MHZ) SERVICE (RSRP) COMPOSITE COVERAGE



| Legend            | Population |          |       |
|-------------------|------------|----------|-------|
|                   | EXISTING   | PROPOSED | DELTA |
| Reliable Coverage | 917        | 3,873    | 2,956 |

|                                                                                       |                              |
|---------------------------------------------------------------------------------------|------------------------------|
|  | Existing T-Mobile Facilities |
|  | Proposed Facility            |