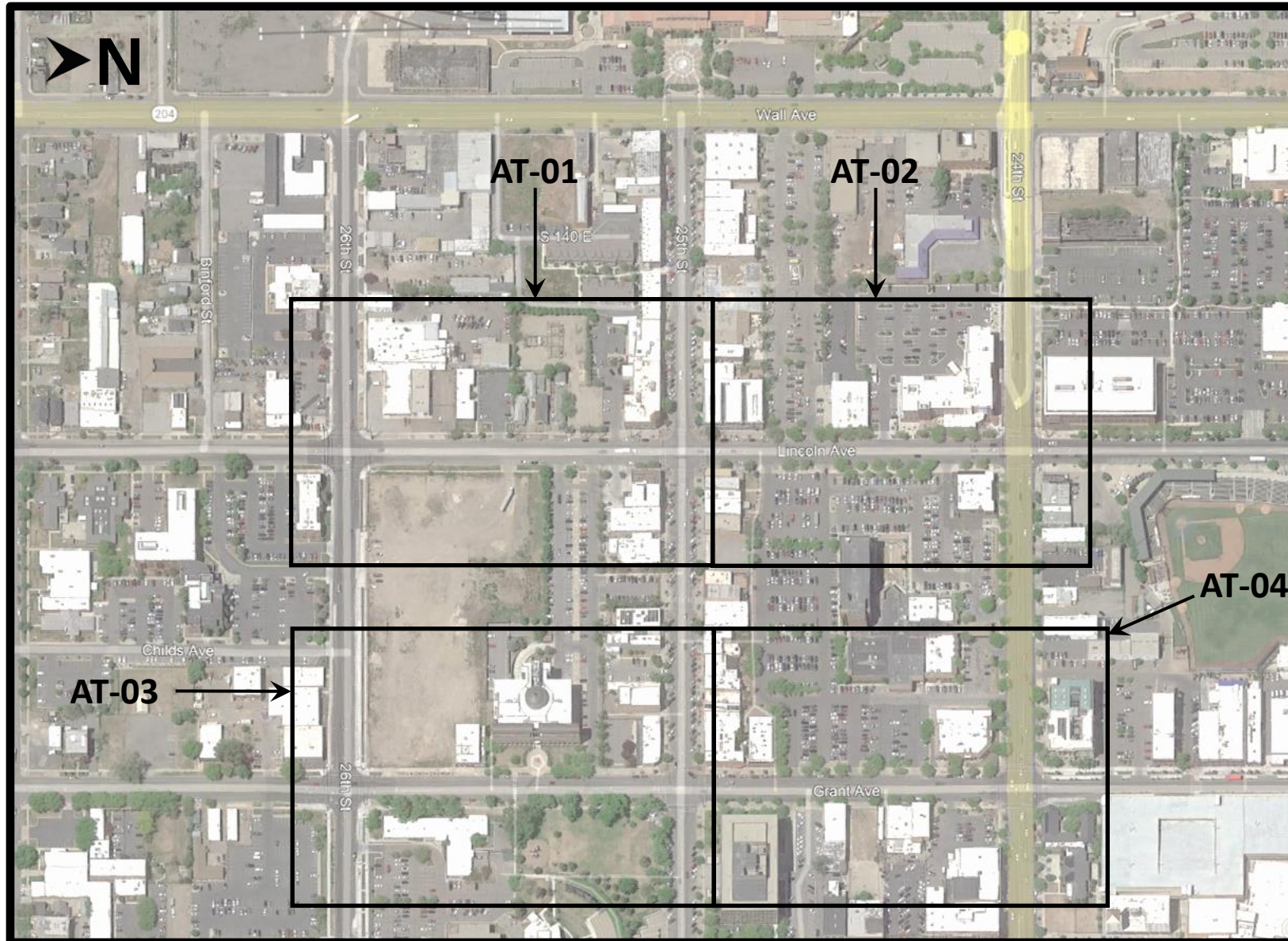
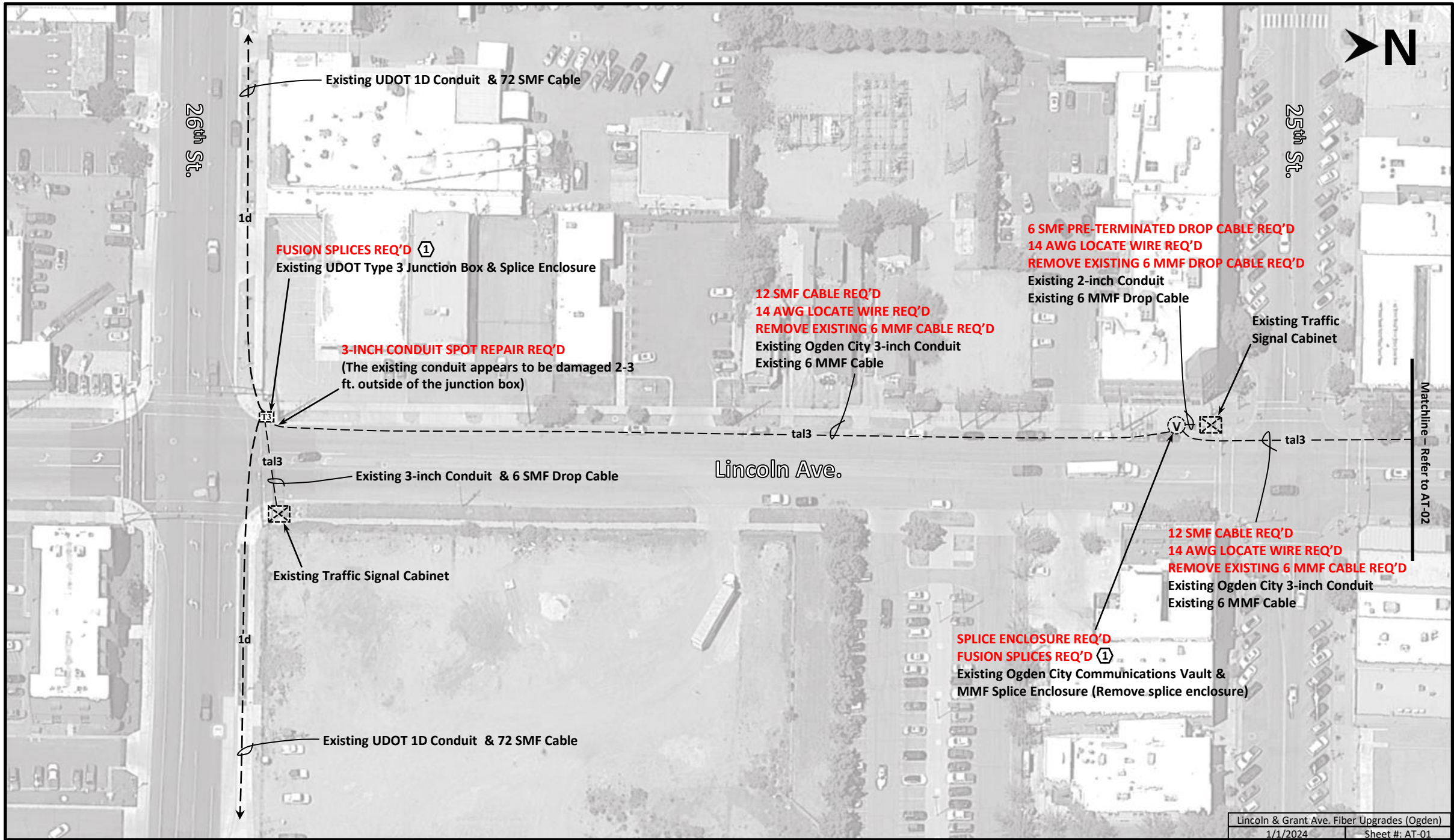
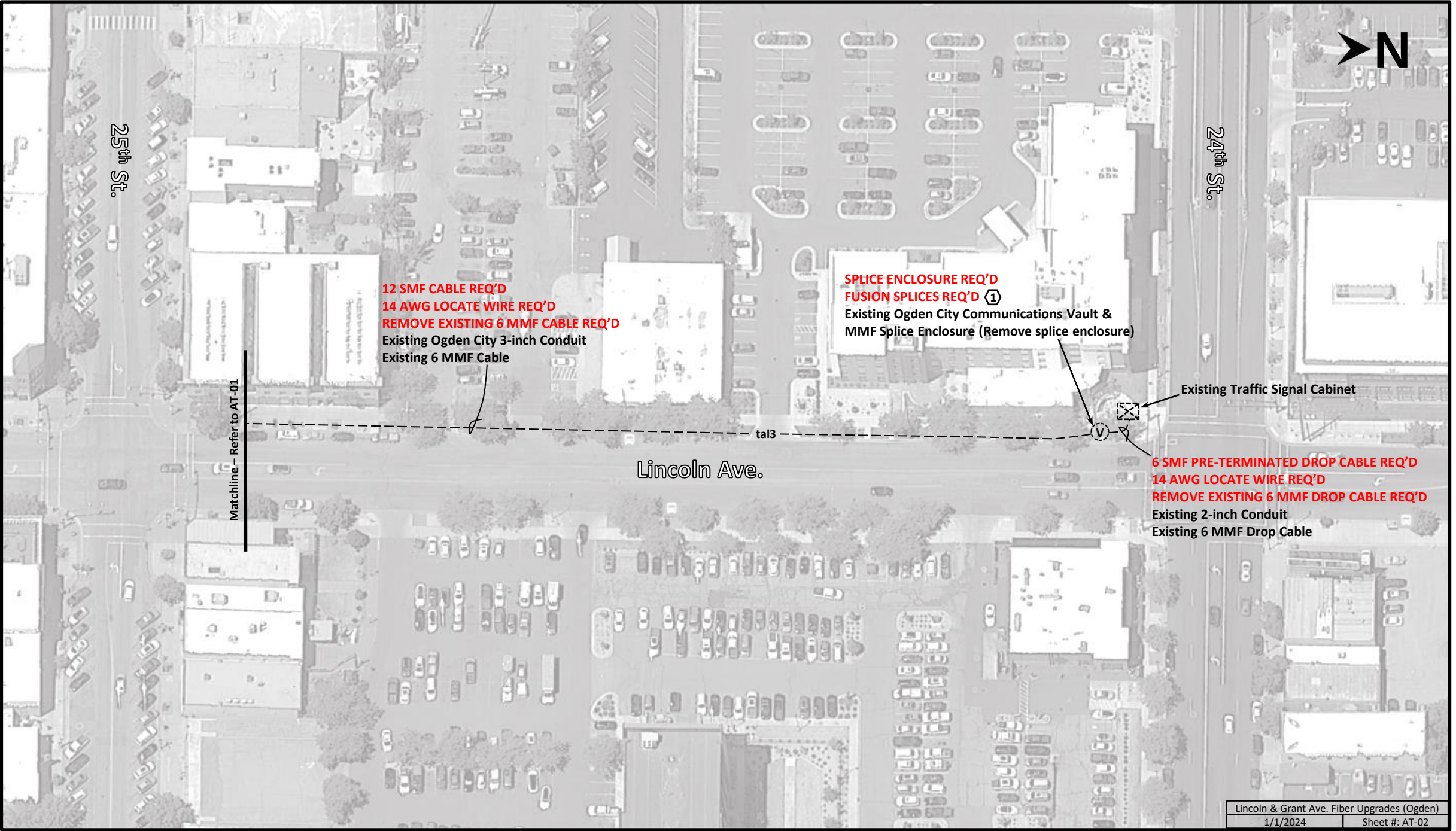


Lincoln & Grant Ave. Fiber Upgrades (Ogden)



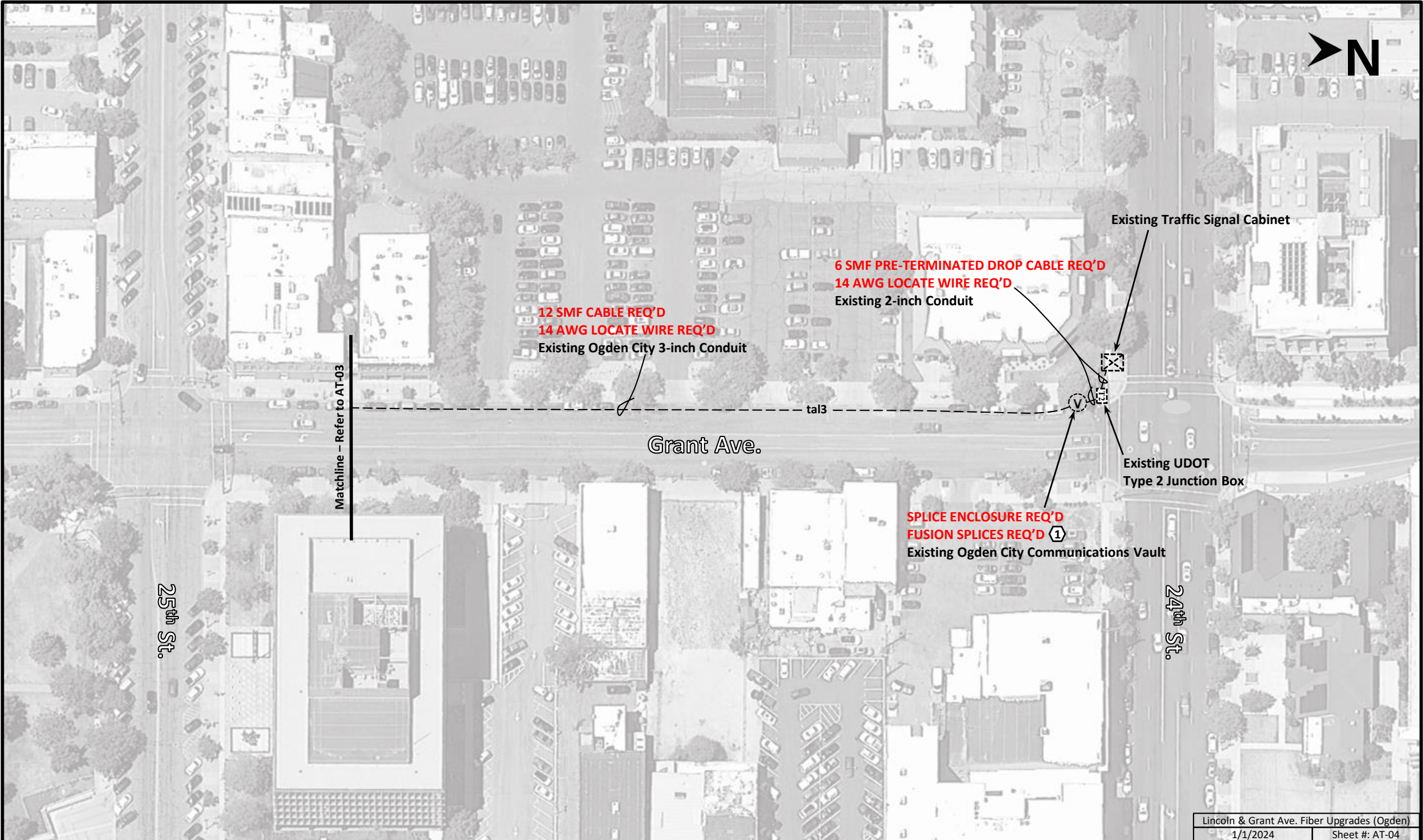




12 SMF CABLE REQ'D
14 AWG LOCATE WIRE REQ'D
REMOVE EXISTING 6 MMF CABLE REQ'D
Existing Ogden City 3-inch Conduit
Existing 6 MMF Cable

SPLICE ENCLOSURE REQ'D
FUSION SPLICES REQ'D ①
Existing Ogden City Communications Vault &
MMF Splice Enclosure (Remove splice enclosure)

6 SMF PRE-TERMINATED DROP CABLE REQ'D
14 AWG LOCATE WIRE REQ'D
REMOVE EXISTING 6 MMF DROP CABLE REQ'D
Existing 2-inch Conduit
Existing 6 MMF Drop Cable



Matchline - Refer to AT-03

12 SMF CABLE REQ'D
14 AWG LOCATE WIRE REQ'D
Existing Ogden City 3-inch Conduit

6 SMF PRE-TERMINATED DROP CABLE REQ'D
14 AWG LOCATE WIRE REQ'D
Existing 2-inch Conduit

Existing Traffic Signal Cabinet

Existing UDOT
Type 2 Junction Box

SPLICE ENCLOSURE REQ'D
FUSION SPLICES REQ'D ①
Existing Ogden City Communications Vault

Grant Ave.

25th St.

24th St.

Lincoln & Grant Ave. Fiber Upgrades (Ogden) - Estimated Quantities			
Item #	Item Description	Quantity	Unit
1	3-inch Conduit Spot Repair	1	Each
2	Remove and Replace Sidewalk	12	Square Foot
3	Remove and Replace Asphalt	20	Square Foot
4	Remove Existing Multimode Fiber-Optic Cable	1450	Per Foot
5	Single Mode Non Armored Fiber Optic Cable - 12 Strand Count	3600	Per Foot
6	6 Strand SMFO Fiber Distribution Unit (Gator Patch) - up to 250ft (Std. 13594)	4	Each
7	14 AWG Locate Wire	3000	Per Foot
8	Install Splice Enclosure and Termination (up to 48 splice enclosure)	4	Each
9	Fusion Splices	20	Each
10	Fiber Optic Light Source/Power Meter Test and OTDR Trace	4	Unit

GENERAL NOTES:

1. All new conduit and junction box locations are approximate. The Contractor will determine the exact locations within the Right of Way.
2. The Contractor will need to arrange for Blue Staking and Utility verification prior to beginning any underground work.
3. The Contractor is required to restore all open holes, trenches, etc to match the surrounding grade including pavement, sidewalk, exposed road base, landscaping, soft shoulder, etc.
4. All conduit, junction boxes, and fiber-optic cable installation are to be constructed per the latest UDOT Standard Specifications & Drawings.
5. All work will be conducted and materials graded in accordance with the latest UDOT Standard Specifications & Drawings.
6. All fiber-optic testing is to be done in accordance with the latest UDOT Standard Specifications, on the reel prior to installation, and at the end of the project.
7. Contact the designer Shelby Hansen (801-915-9726) prior to starting construction and for any specific design questions.
8. Contact J.J. Wood (801-865-4243) for any specific ITS construction or UDOT Standards questions or issues.

CONSTRUCTION NOTES:

- ① Contact the UDOT Fiber Group 30 days in advance to request splice details.