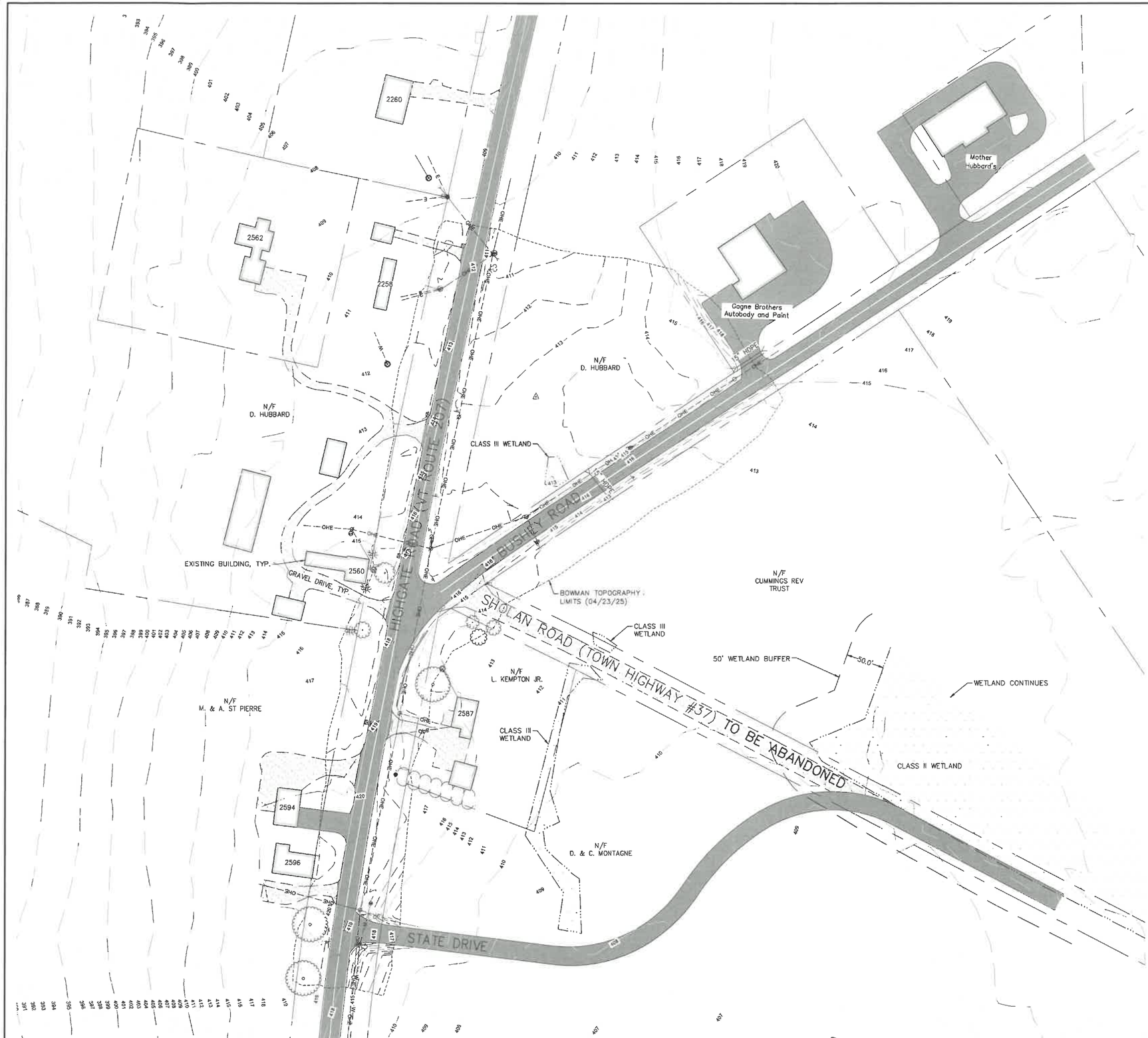

PROJECT LOCATION

## LEGEND

- ADJOINING PROPERTY LINE
- SURVEY TOPOGRAPHY LIMITS
- TOPOGRAPHIC CONTOURS
- LIDAR CONTOURS
- EXISTING TREE LINE
- WETLAND BOUNDARY
- WETLAND BUFFER
- STORM DRAINAGE — SD —
- WATER MAINS AND SERVICES — W —
- OVERHEAD POWER — OHE —
- UNDERGROUND POWER — E —
- UNDERGROUND COMMUNICATIONS — C —
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- CONTROL POINT
- REBAR (FOUND)
- ELECTRIC METER
- WATER VALVE
- PIPE OUTLET / INLET
- HYDRANT
- WELL
- UTILITY POLE
- GUY WIRE
- SIGN
- MAILBOX

## EXISTING CONDITIONS NOTES

1. THE PURPOSE OF THE EXISTING CONDITIONS PLAN IS TO DEPICT READILY APPARENT PERTINENT EXISTING CONDITIONS AS OF 04/24/2025.
2. ORIENTATION SHOWN IS BASED UPON VERMONT GRID NORTH USING VTVRS CORS STATION.
3. VERTICAL DATUM IS BASED ON NAVD88 (GEOID 18). A CARLSON BRx7 RTK GPS UNIT WAS EMPLOYED FOR THESE OBSERVATIONS.
4. COORDINATE SYSTEM IS BASED ON VERMONT STATE PLANE (U.S. SURVEY FEET).
5. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS SHOWN ARE BASED ON UTILITY PLANS PROVIDED BY OTHERS, SURFACE EVIDENCE ENCOUNTERED IN THE FIELD, AND UTILITY LOCATING COMPLETED BY VT UNDERGROUND LOCATORS, AND WERE OBTAINED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF PROFESSIONAL CARE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE DESIGN ENGINEER. ADDITIONAL UTILITIES NOT SHOWN MAY EXIST. ENGINEER SHALL BE NOTIFIED IF ANY DISCREPANCIES ARE ENCOUNTERED. ACTUAL LOCATION OF UNDERGROUND UTILITIES MAY VARY. DIGSAFE MUST BE CONTACTED PRIOR TO ANY EXCAVATION. CALL 1-888-DIG SAFE (344-7233) OR CALL 811.
6. PERIMETER BOUNDARIES SHOWN HEREON ARE BASED ON TAX MAP INFORMATION, LIMITED MONUMENTATION FOUND IN THE FIELD, R.O.W. PLAN ENTITLED "SWANTON – ST ALBANS – S.A. No. 4 – PROJ. S – NO. 0297(2) – SHEET 7 OF 55" DATED 2/64, AND PLAN ENTITLED "DISTRICT #8 – ST. ALBANS GARAGE – SWANTON VT – PROPOSED CONDITIONS PLAN" SHEET C2.0 DATED 5/19/2023 AND LAST REVISED 07/31/23 BY THE VERMONT AGENCY OF TRANSPORTATION. THIS PLAN DOES NOT DEPICT A FORMAL BOUNDARY SURVEY AND ACTUAL R.O.W. WIDTHS MAY VARY. ADDITIONAL BOUNDARY RESEARCH SHOULD BE CONDUCTED BEFORE DESIGN OR CONSTRUCTION.
7. THE WETLAND MAPPING SHOWN WAS CONDUCTED BY LEVI KESZEY, PWS ON 4/18/25 AND IS NOT A WETLAND DELINEATION. THE WETLAND MAPPING SHOWN HAS NOT BEEN CONFIRMED BY STATE AND/OR FEDERAL REGULATORS.

N

60 30 0 60 120

GRAPHIC SCALE
1" = 60'

Bowman

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Williston, Vermont 05495
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# OVERALL EXISTING CONDITIONS

NRPC-INTERSECTION FEASIBILITY STUDY

VT 207 & BUSHEY ROAD, SWANTON, VT

25-046
PROJECT NUMBER

STATE OF VERMONT
NICOLE L. CENTERVALL
NO. 135446
CIVIL
LICENSED
PROFESSIONAL ENGINEER

PRELIMINARY

PLAN STATUS

| DATE | DESCRIPTION |
|---|---|
| 05/06/25 | R.O.W. UPDATES |

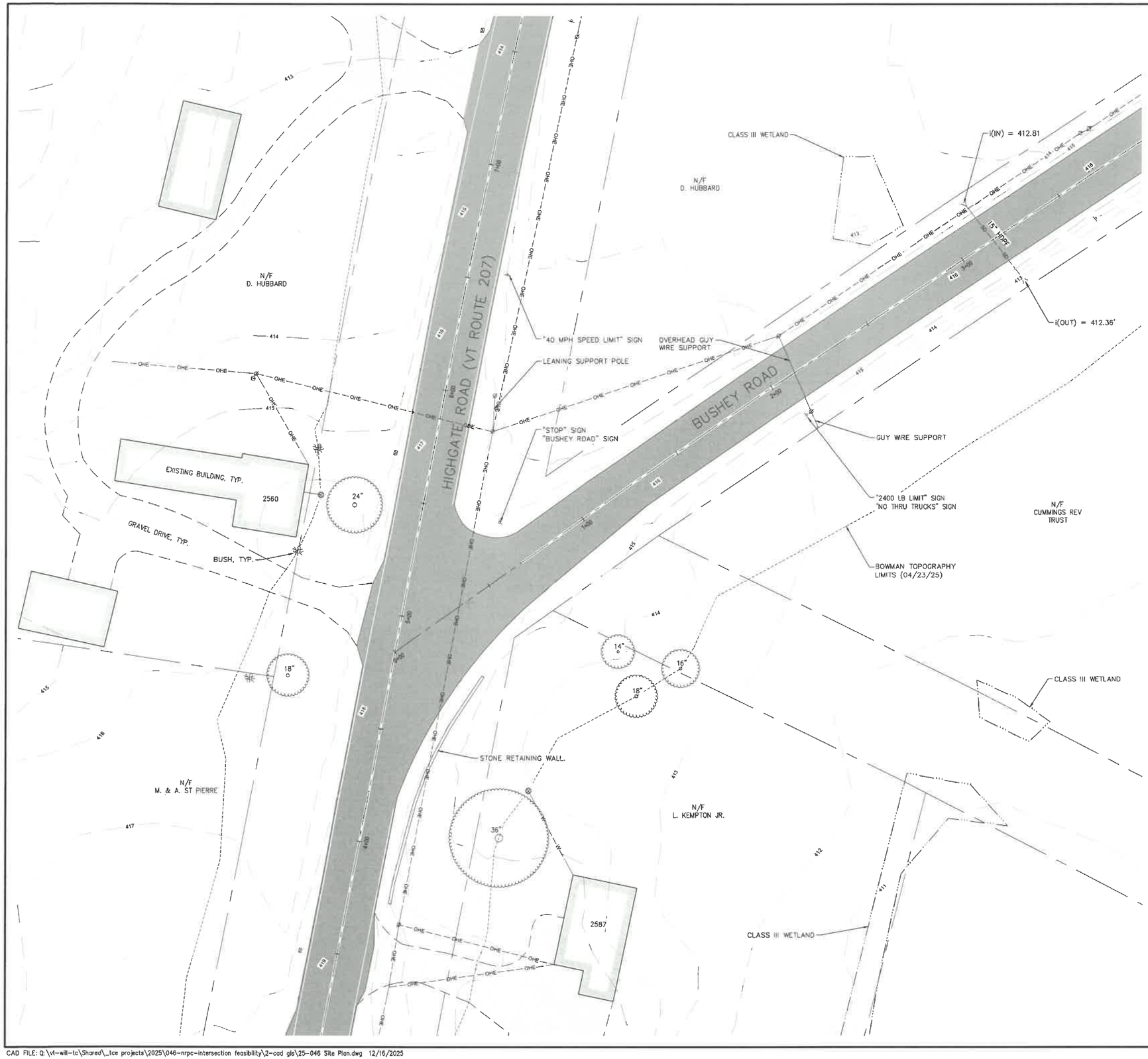
| NLC | FNL | JAD |
|---|---|---|
| DESIGN | DRAWN | CHKD |

SCALE : 1" = 80'

DATE : 04/25/2025

C1-00

CAD FILE: Q:\vt-will-tc\Shared_tce projects\2025\046-nrpc-intersection feasibility\2-cad gis\25-046 EC.dwg 12/16/2025



PROJECT LOCATION

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# ALT 1 - NO BUILD

## NRPC-INTERSECTION FEASIBILITY STUDY

VT 207 & BUSHEY ROAD, SWANTON, VT

25-046
PROJECT NUMBER

STATE OF VERMONT
NICOLE L. CENTERVALL
NO. 135446
CIVIL
LICENSED
PROFESSIONAL ENGINEER

PRELIMINARY

| PLAN STATUS | |
|---|---|
| DATE | DESCRIPTION |
| | |

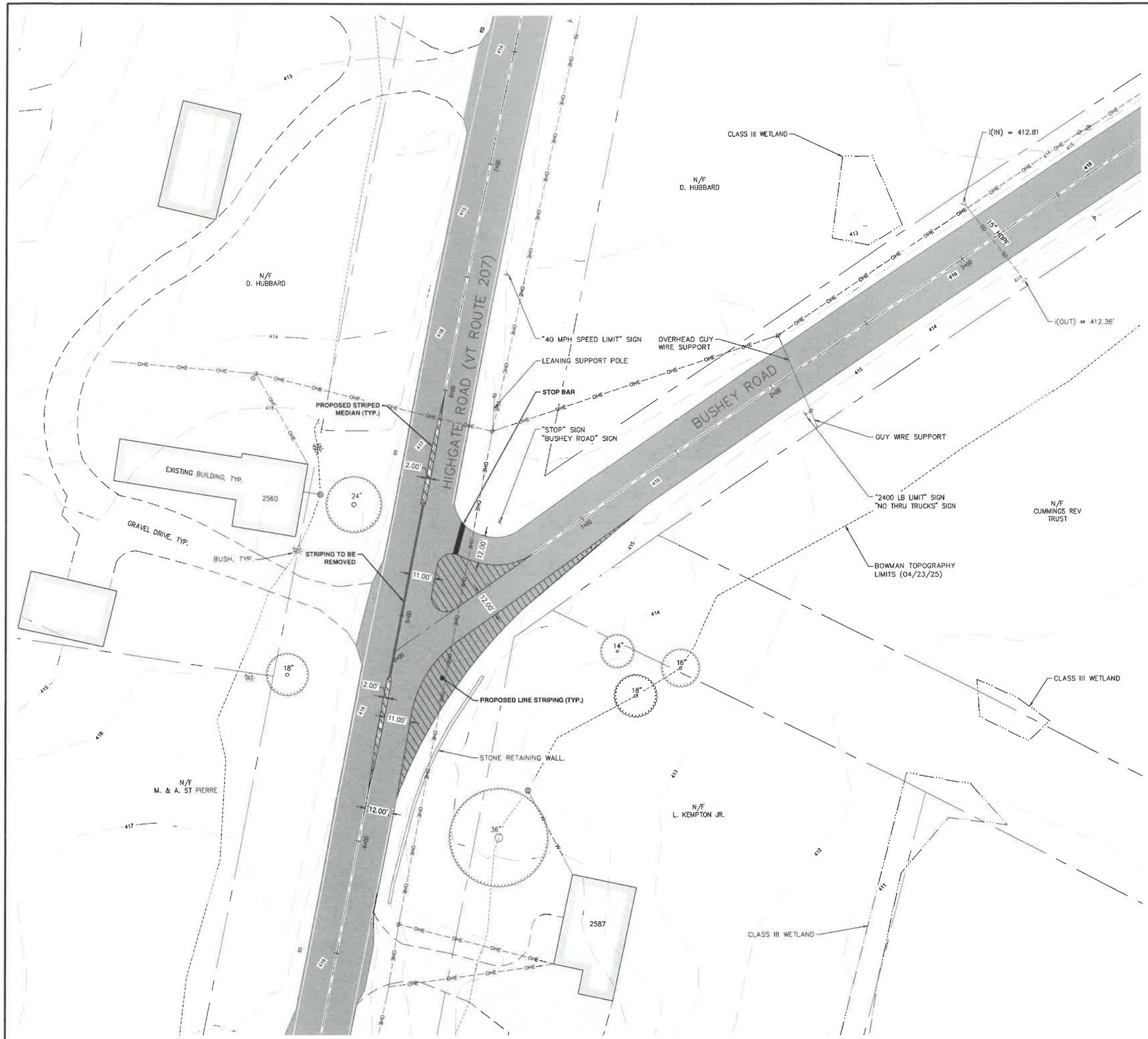
| NLC | FNL | JAD |
|---|---|---|
| FIELD BK | DRAWN | CHKD |

SCALE 1" = 20'

DATE : 12/12/2025

C2-01

CAD FILE: Q:\vt-wil-tc\Shared_tce projects\2025\046-nrpc-intersection feasibility\2-cad gis\25-046 Site Plan.dwg 12/16/2025



PROJECT LOCATION

Bowman

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# ALT 2 - PAINTED MEDIANS

## NRPC-INTERSECTION FEASIBILITY STUDY

VT 207 & BUSHEY ROAD, SWANTON, VT

25-046
PROJECT NUMBER

STATE OF VERMONT
NICOLE L. CENTER
NO. 135446
CIVIL
LICENSED PROFESSIONAL ENGINEER

PRELIMINARY

PLAN STATUS

| DATE | DESCRIPTION |
|---|---|
| | |

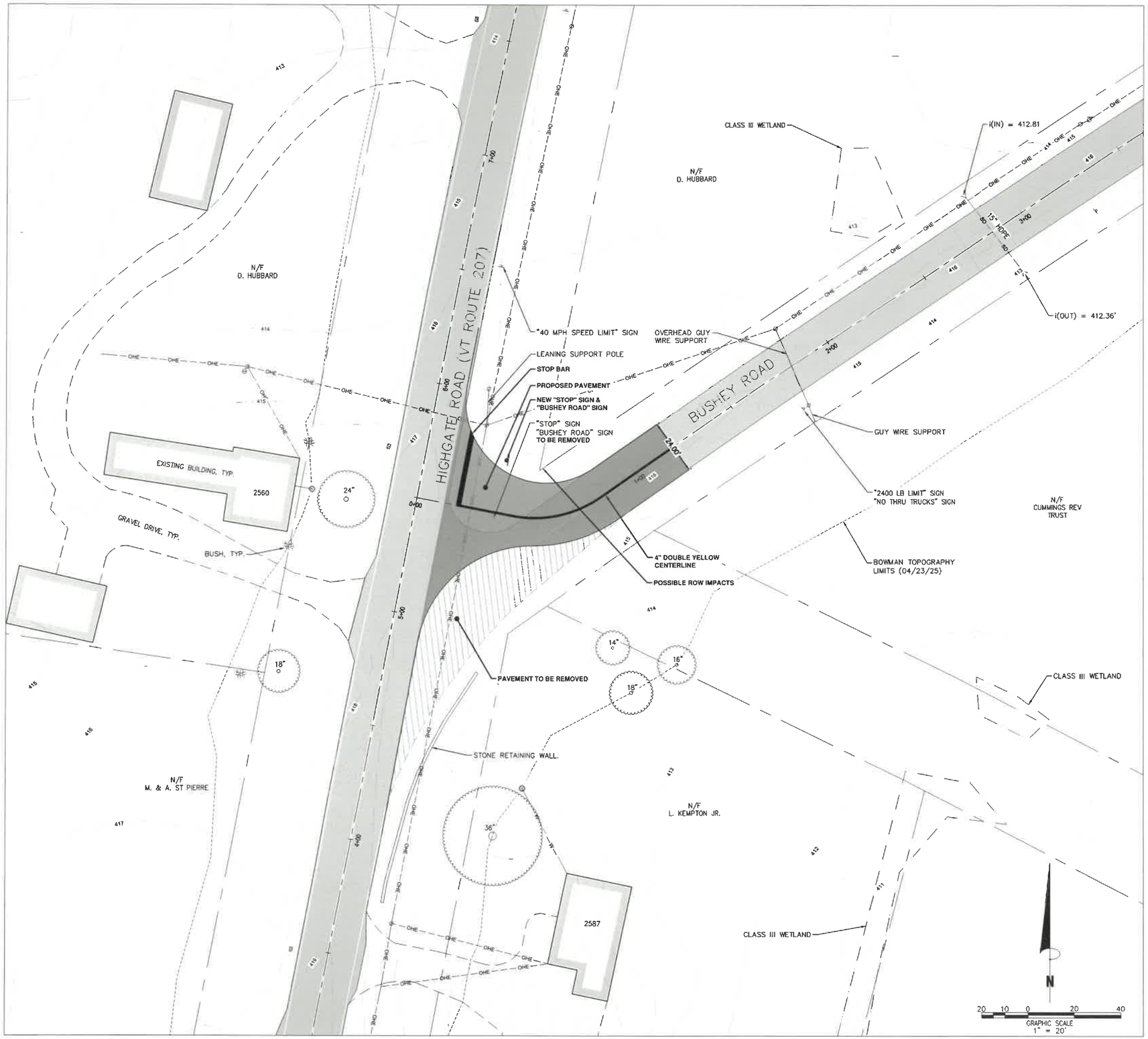
| NLC | FNL | JAD |
|---|---|---|
| FIELD BK | DRAWN | CHKD |

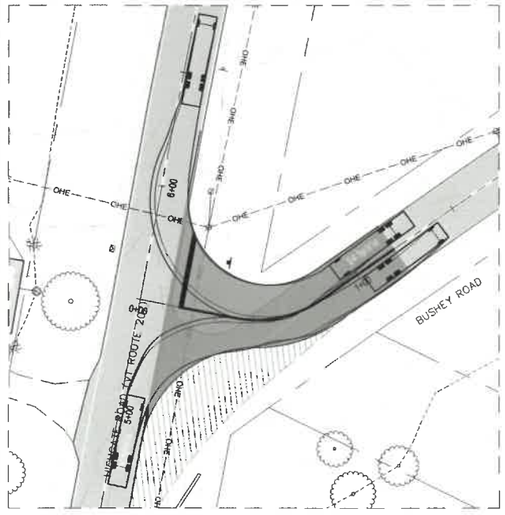
SCALE 1" = 20'

DATE : 12/12/2025

C2-02

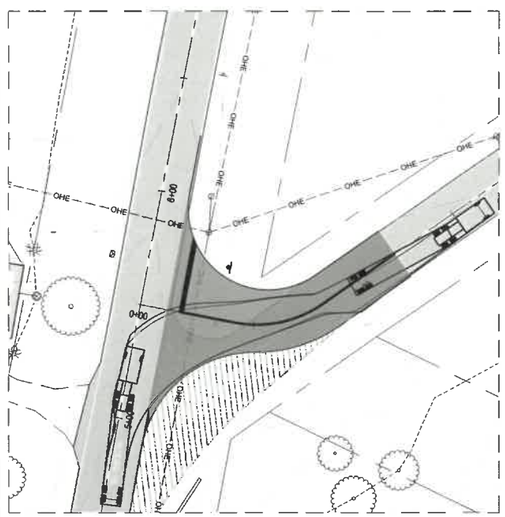
CAD FILE: Q:\vt-will-tc\Shared_tce projects\2025\046-nrpc-intersection feasibility\2-cad gis\25-046 Site Plan.dwg 12/16/2025






TURNING MOVEMENTS
DESIGN VEHICLE: SU-40

GRAPHIC SCALE
1" = 30'



TURNING MOVEMENTS
DESIGN VEHICLE: WB-62

GRAPHIC SCALE
1" = 30'

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# ALT 3 - MINOR REALIGNMENT

NRPC-INTERSECTION FEASIBILITY STUDY

VT 207 & BUSHEY ROAD, SWANTON, VT

25-046
PROJECT NUMBER

STATE OF VERMONT
NICOLE L. CENTRELLA
NO. 135446
CIVIL
LICENSED
PROFESSIONAL ENGINEER

PRELIMINARY

PLAN STATUS

| DATE | DESCRIPTION |
|---|---|
| | |

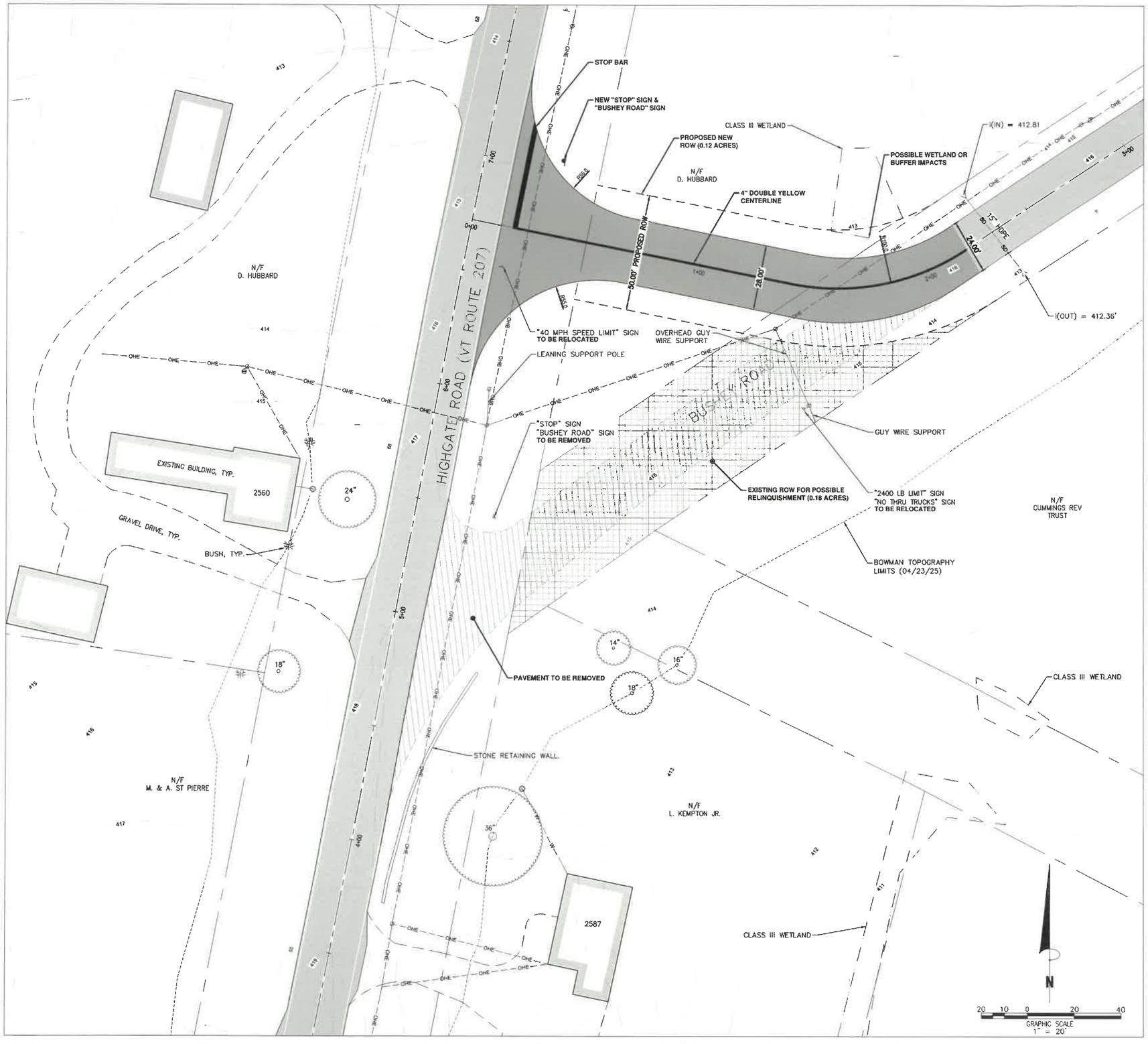
| NLC | FNL | JAD |
|---|---|---|
| FIELD BK | DRAWN | CHKD |

SCALE AS SHOWN

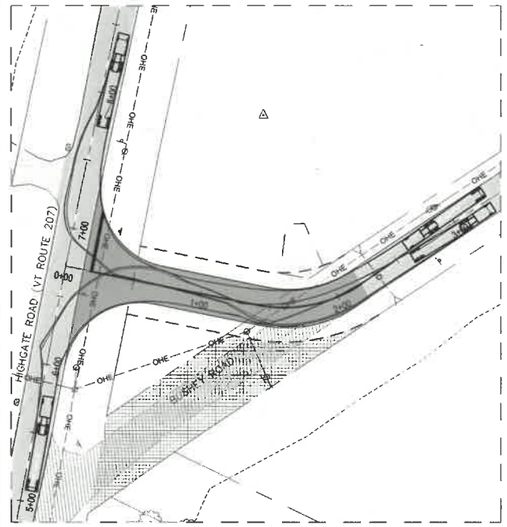
DATE : 12/12/2025

C2-03

CAD FILE: Q:\vt-will-tc\Shared_tce projects\2025\046-nrpc-intersection feasibility\2-cad gis\25-046 Site Plan.dwg 12/16/2025



PROJECT LOCATION




TURNING MOVEMENTS
DESIGN VEHICLE: WB-62

50 25 0 50 100
GRAPHIC SCALE
1" = 50'

Bowman

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# ALT 4 - MAJOR REALIGNMENT

## NRPC-INTERSECTION FEASIBILITY STUDY

VT 207 & BUSHEY ROAD, SWANTON, VT

25-046
PROJECT NUMBER

STATE OF VERMONT
NICOLE L. CENTERVALL
NO. 135446
CIVIL
LICENSED PROFESSIONAL ENGINEER

PRELIMINARY

PLAN STATUS

| DATE | DESCRIPTION |
|---|---|
| | |

| NLC | FNL | JAD |
|---|---|---|
| FIELD BK | DRAWN | CHKD |

SCALE AS SHOWN

DATE : 12/12/2025

C2-04