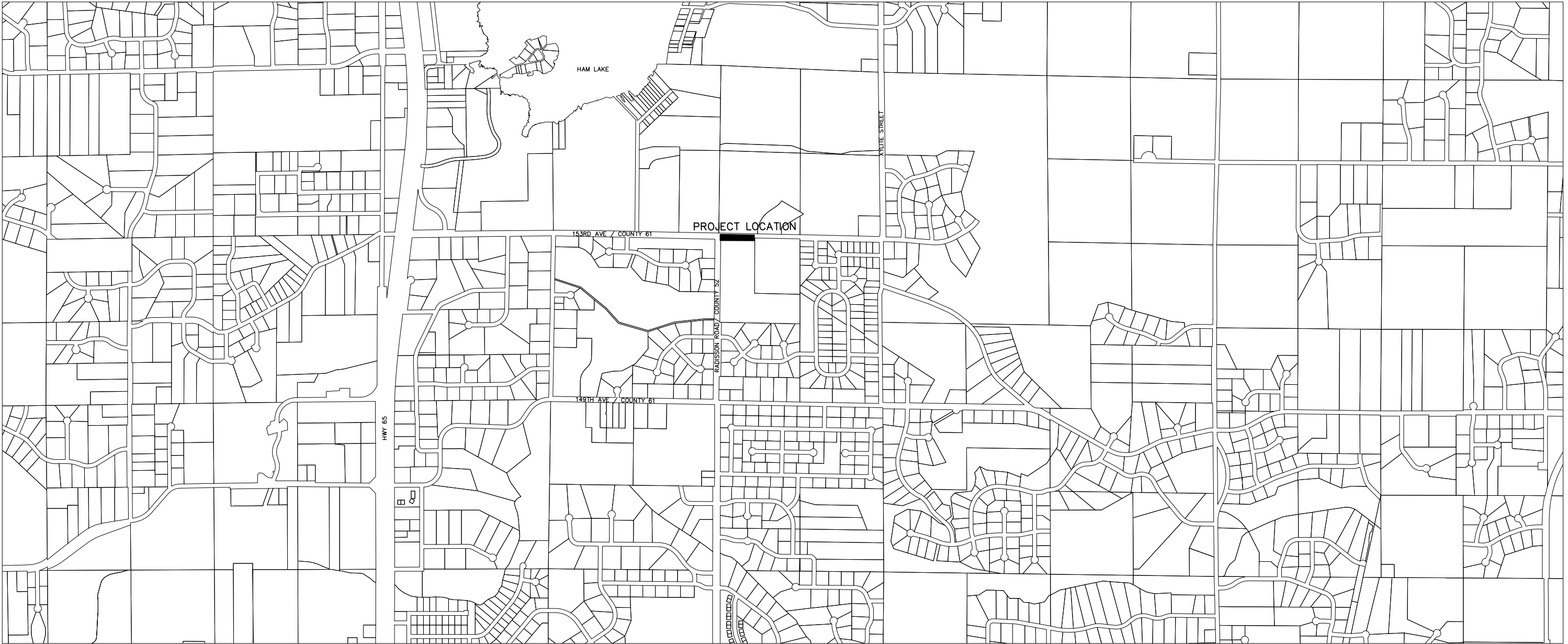


# RADISSON SUNSET ESTATES

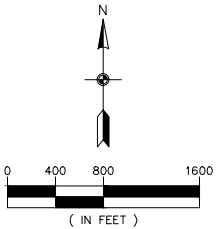
CONSTRUCTION PLANS FOR TURN LANES INCLUDING;  
GRADING, STORM SEWER, STREETS, SIGNING AND STRIPING  
HAM LAKE, MINNESOTA

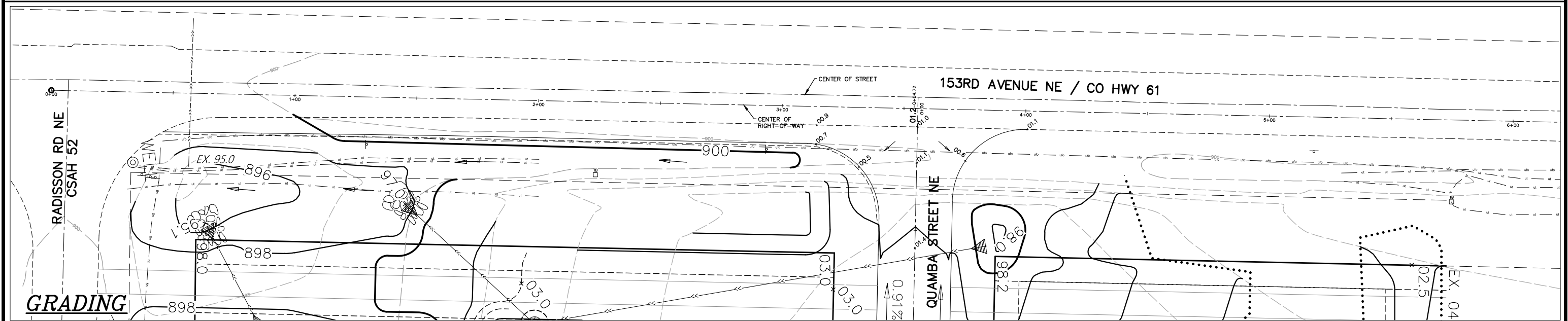
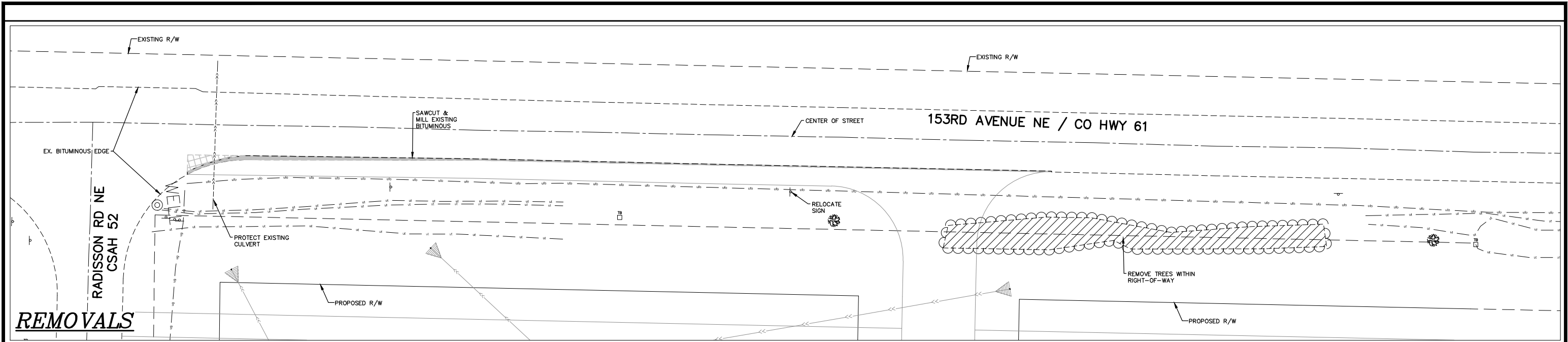


APPROVED: ANOKA COUNTY ENGINEER      DATE

**SHEET INDEX**

- T1. COVER
- T2. REMOVALS & GRADING, DRAINAGE & EROSION CONTROL PLAN
- T3. SITE, UTILITY, SIGNING & STRIPING, & CROSS SECTIONS
- T4. TRAFFIC CONTROL PLAN



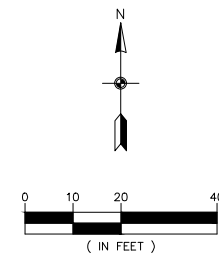


| REMOVALS LEGEND        |          |
|------------------------|----------|
| EXISTING               | REMOVALS |
| PROPERTY LINE          |          |
| EASEMENT LINE          |          |
| SAWCUT                 |          |
| BITUMINOUS             |          |
| GRAVEL                 |          |
| CONCRETE               |          |
| SANITARY SEWER         |          |
| STORM SEWER            |          |
| WATER MAIN             |          |
| OVERHEAD UTILITY       |          |
| UNDERGROUND TELEPHONE  |          |
| UNDERGROUND FIBEROPTIC |          |
| UNDERGROUND GAS        |          |
| STORM CATCH BASIN      |          |
| SIGN                   |          |
| HYDRANT                |          |
| GATE VALVE             |          |
| TELEPHONE BOX          |          |
| UTILITY POLE           |          |
| FENCE                  |          |
| GRAVEL EDGE            |          |
| STRIPING               |          |
| 5' CONTOUR             |          |
| 1' CONTOUR             |          |
| WETLAND LINE           |          |
| SPOT ELEVATION         |          |
| TREE                   |          |

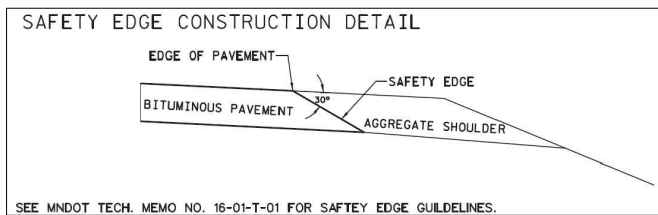
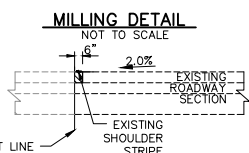
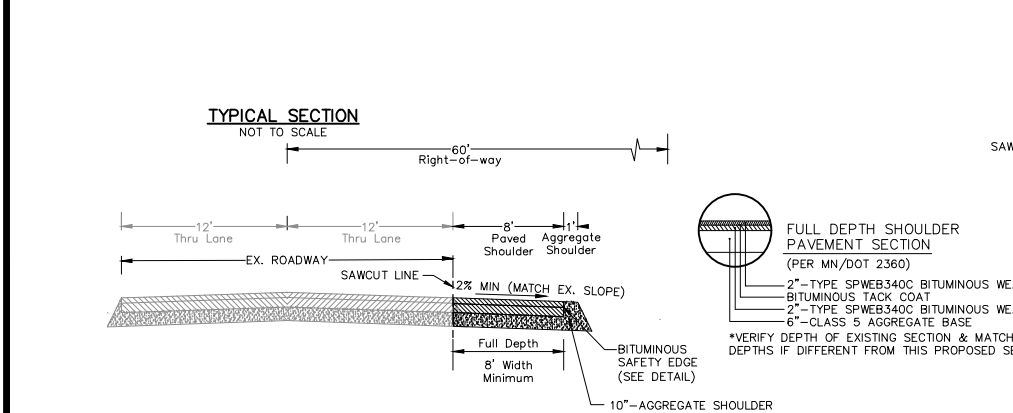
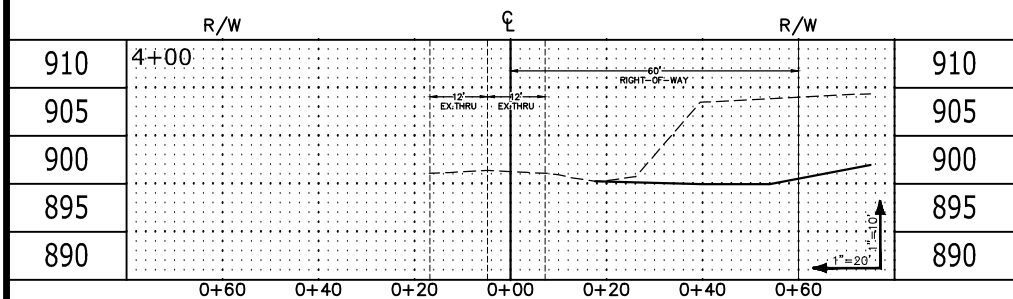
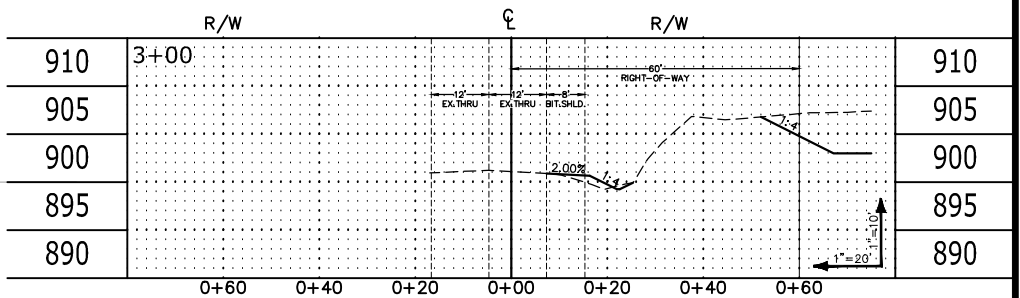
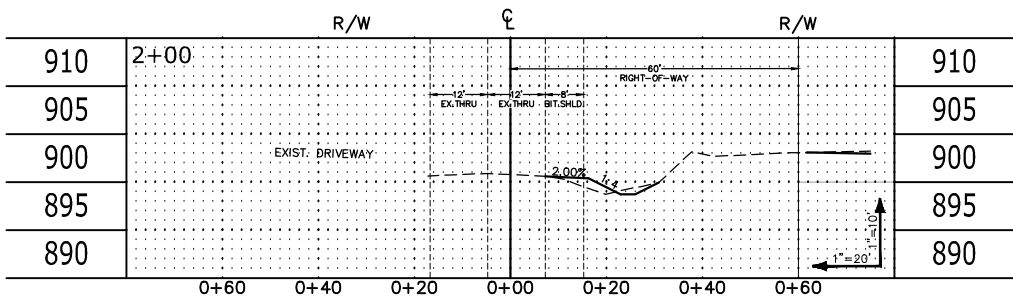
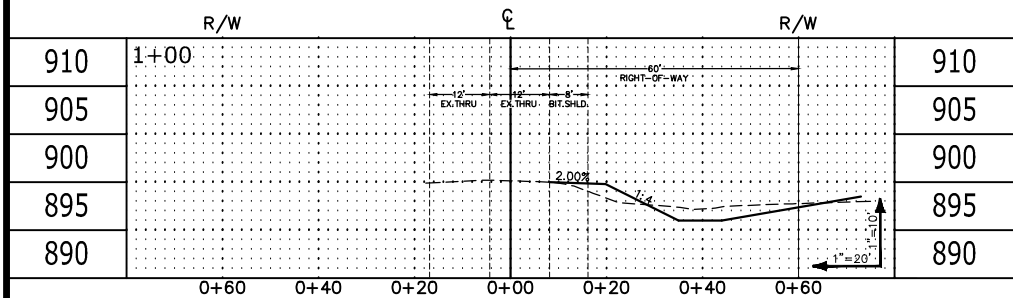
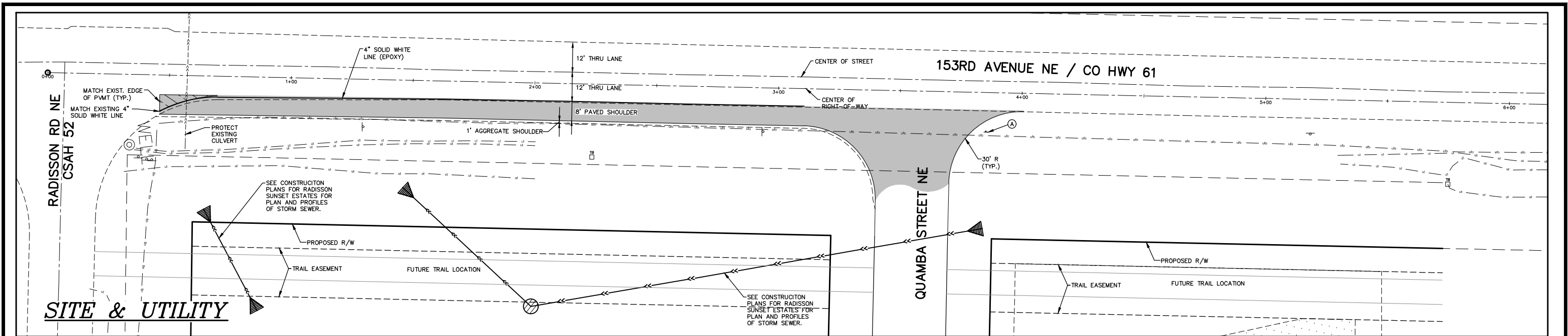
| GRADING LEGEND         |          |
|------------------------|----------|
| EXISTING               | PROPOSED |
| PROPERTY LINE          |          |
| EASEMENT LINE          |          |
| CURB LINE              |          |
| GRADING LIMITS         |          |
| BITUMINOUS             |          |
| CONCRETE               |          |
| SANITARY SEWER         |          |
| STORM SEWER            |          |
| WATER MAIN             |          |
| OVERHEAD UTILITY       |          |
| UNDERGROUND TELEPHONE  |          |
| UNDERGROUND FIBEROPTIC |          |
| UNDERGROUND GAS        |          |
| STORM CATCH BASIN      |          |
| STORM MANHOLE          |          |
| HYDRANT                |          |
| GATE VALVE             |          |
| TELEPHONE BOX          |          |
| UTILITY POLE           |          |
| FENCE                  |          |
| GRAVEL EDGE            |          |
| 5' CONTOUR             |          |
| 1' CONTOUR             |          |
| WETLAND LINE           |          |
| SPOT ELEVATION         |          |
| SIGN                   |          |
| TREELINE               |          |

\* CONTRACTOR TO VERIFY UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF ANY EXCAVATION.

COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF ANY UNDERGROUND UTILITIES UNDER PROPOSED ROAD.



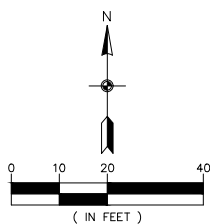
The subsurface utility information shown on this plan is utility Quality Level D. This quality level was determined according to the guidelines of C/ASCE 38-02, entitled "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data."

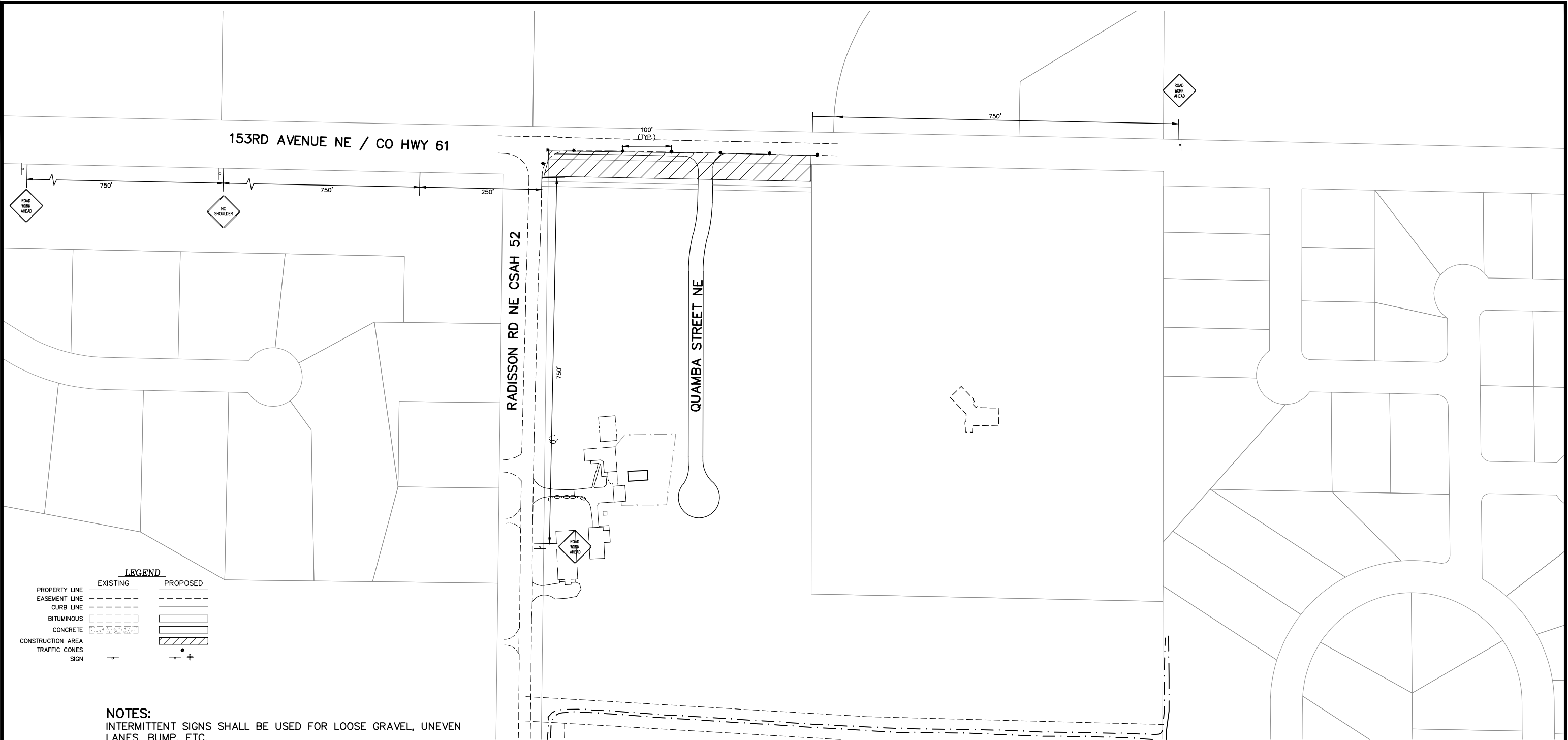


| SIGN SCHEDULE |          |                             |                             |
|---------------|----------|-----------------------------|-----------------------------|
| SIGN          | SIGN NO. | SIZE                        | QUANTITY                    |
| (A)           | R1-1     | 30" X 30"<br>(WHITE ON RED) | (INCLUDED IN<br>SITE PLANS) |

- TURN LANE NOTES**
- ALL GRADES ARE TO FINISHED PAVEMENT UNLESS OTHERWISE NOTED.
  - GOVERNING SPECIFICATIONS SHALL BE THE LATEST EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION"
  - ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE MMUTCD
  - CONTRACTOR SHALL NOTIFY ANOKA COUNTY HIGHWAY DEPARTMENT AND SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO PERFORMING ANY WORK WITHIN THE COUNTY RIGHT-OF-WAY.
  - CONTRACTOR SHALL REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
  - ALL TURN LANE STRIPING SHALL BE COMPLETED USING EPOXY PAINT.
  - CONTRACTOR SHALL COORDINATE WORK AROUND AND RELOCATION OF SMALL UTILITIES.
  - CONTRACTOR TO CONTACT ANOKA COUNTY HIGHWAY DEPARTMENT 48 HOURS BEFORE STRIPING CONSTRUCTION.

| LEGEND                 |                            |
|------------------------|----------------------------|
| EXISTING               | PROPOSED                   |
| PROPERTY LINE          | ---                        |
| EASEMENT LINE          | ---                        |
| CURB LINE              | ---                        |
| BITUMINOUS             | --- FULL DEPTH --- OVERLAY |
| GRAVEL                 | ---                        |
| CONCRETE               | ---                        |
| SANITARY SEWER         | ---                        |
| STORM SEWER            | ---                        |
| WATER MAIN             | ---                        |
| OVERHEAD UTILITY       | ---                        |
| UNDERGROUND TELEPHONE  | ---                        |
| UNDERGROUND FIBEROPTIC | ---                        |
| UNDERGROUND GAS        | ---                        |
| STORM CATCH BASIN      | ---                        |
| STORM MANHOLE          | ---                        |
| HYDRANT                | ---                        |
| GATE VALVE             | ---                        |
| TELEPHONE BOX          | ---                        |
| UTILITY POLE           | ---                        |
| FENCE                  | ---                        |
| GRAVEL EDGE            | ---                        |
| STRIPING               | ---                        |
| 10' CONTOUR            | ---                        |
| 2' CONTOUR             | ---                        |
| WETLAND LINE           | ---                        |
| SPOT ELEVATION         | ---                        |
| SIGN                   | ---                        |
| TREELINE               | ---                        |





**LEGEND**

|                   | EXISTING  | PROPOSED  |
|-------------------|-----------|-----------|
| PROPERTY LINE     | ---       | ---       |
| EASEMENT LINE     | ---       | ---       |
| CURB LINE         | ---       | ---       |
| BITUMINOUS        | [Pattern] | [Pattern] |
| CONCRETE          | [Pattern] | [Pattern] |
| CONSTRUCTION AREA |           | [Pattern] |
| TRAFFIC CONES     | [Symbol]  | [Symbol]  |
| SIGN              | [Symbol]  | [Symbol]  |

**NOTES:**

INTERMITTENT SIGNS SHALL BE USED FOR LOOSE GRAVEL, UNEVEN LANES, BUMP, ETC.

IF THE LONGITUDINAL DROP-OFF REACHES MORE THAN 1 FOOT, A J-BARRIER MAY BE NEEDED AND A SEPARATE TRAFFIC CONTROL PLAN MUST BE SUBMITTED BY THE CONTRACTOR. FOLLOW MNDOT TEMPORARY BARRIER GUIDANCE MANUAL.

ALL WORK WITHIN THE COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE 2018 MNDOT STANDARD SPECIFICATION FOR CONSTRUCTION.

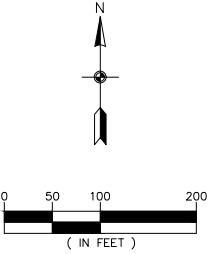
ALL CONSTRUCTION ACTIVITIES SHALL FOLLOW THE MMUTCD.

| SIGN SCHEDULE          |          |
|------------------------|----------|
| SIGN                   | QUANTITY |
| [NO SHOULDER SIGN]     | 1        |
| [ROAD WORK AHEAD SIGN] | 4        |

CALL BEFORE YOU DIG

**811**

Know what's below.  
Call before you dig.



The subsurface utility information shown on this plan is utility Quality Level D. This quality level was determined according to the guidelines of CI/ASCE 38-02, entitled "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data."