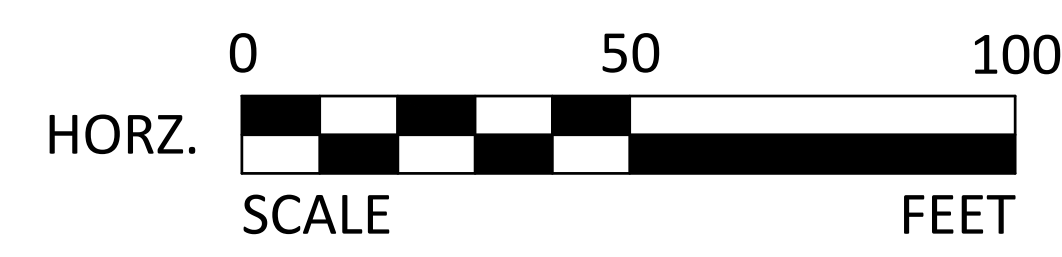
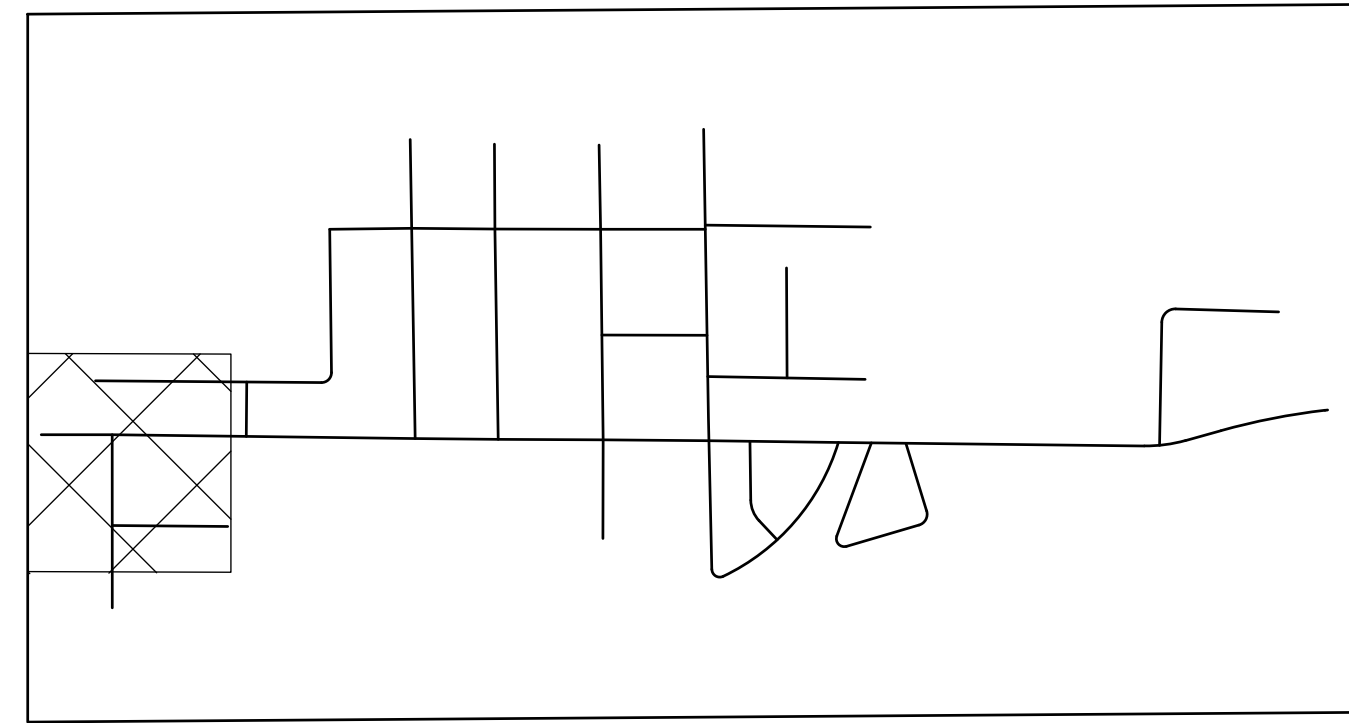


# CITY OF RANDOLPH

2022 SANITARY SEWER IMPROVEMENTS

## PRELIMINARY LAYOUT 1 CSAH 88 CR 94 (COOPER AVE)

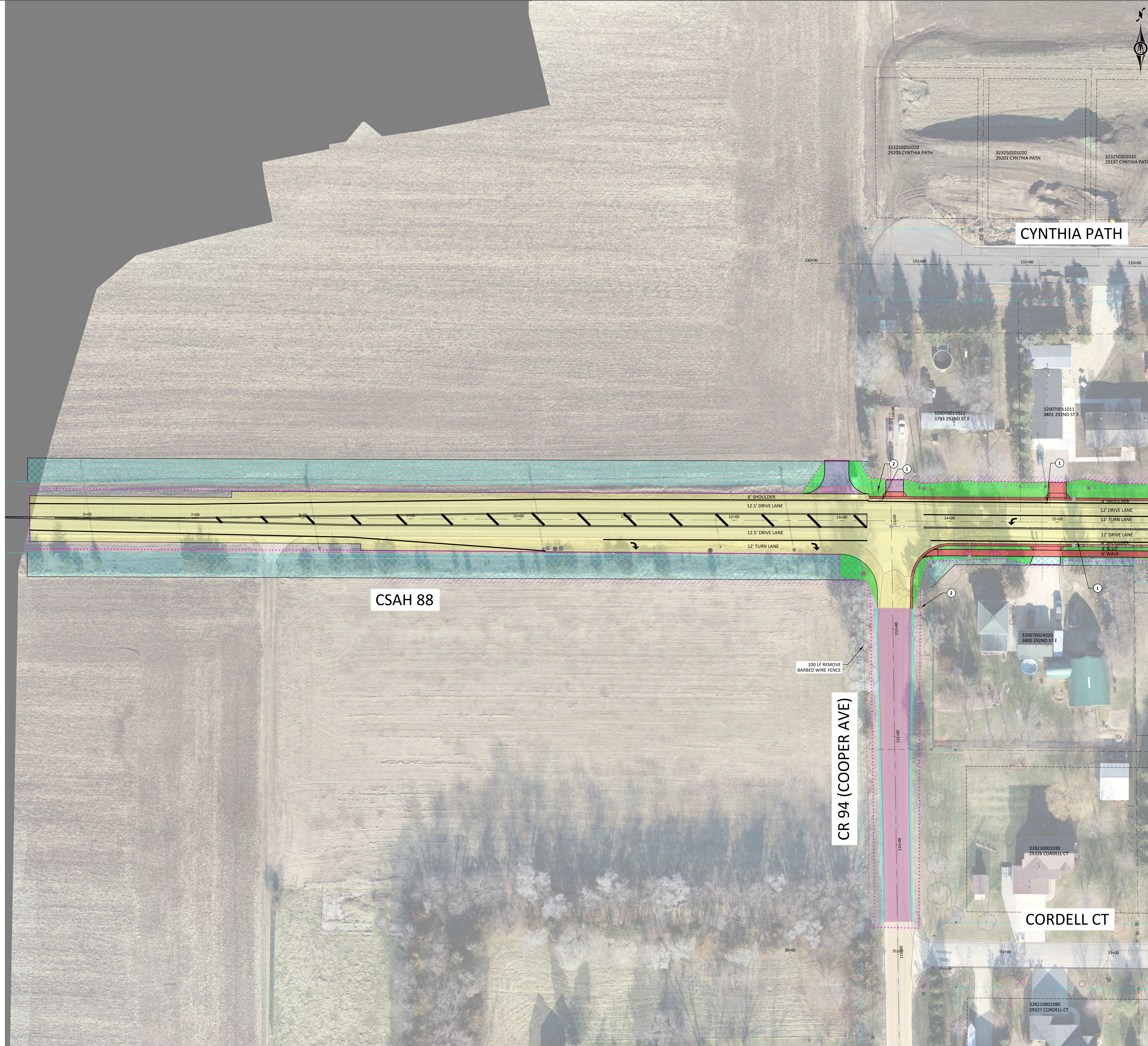


### LEGEND

- EXISTING RIGHT OF WAY
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED BITUMINOUS STREET/DRIVEWAY/TRAIL
- PROPOSED CONCRETE DRIVEWAY/SIDEWALK/MEDIAN
- PROPOSED GRAVEL STREET/DRIVEWAY
- PROPOSED TURF
- PROPOSED CONCRETE CURB & GUTTER/VALLEY GUTTER
- PROPOSED BITUMINOUS CURB
- GRAVEL SHOULDER
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY SERVICE
- PROPOSED FORCEMAIN
- PROPOSED SANITARY MANHOLE
- WATERMAIN VALVE
- HYDRANT
- PROPOSED CURBSTOP
- PROPOSED WATERMAIN SERVICE REPLACEMENT
- PROPOSED WATERMAIN
- EXISTING WATERMAIN
- EXISTING WATER SERVICE
- EXISTING STORM SEWER PIPE
- PROPOSED STORM SEWER PIPE
- APPROXIMATE CONSTRUCTION LIMITS
- PROPOSED STORM STRUCTURE
- TREE REMOVAL
- POTENTIAL TREE REMOVAL
- SALVAGE/REINSTALL MAILBOX POST
- SALVAGE/REINSTALL SIGN
- RELOCATE UTILITY
- LANDSCAPE IMPACT



**DECEMBER 2022**



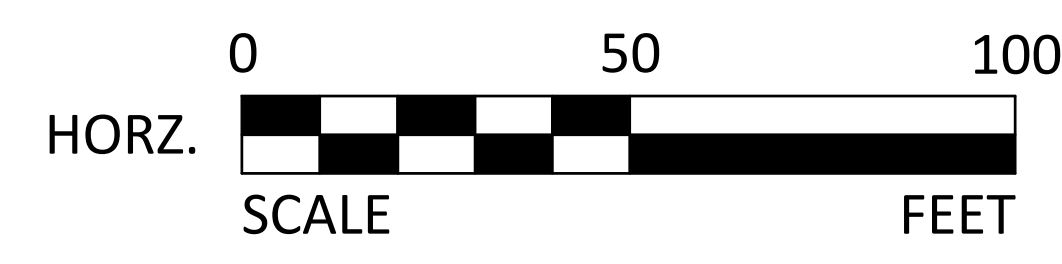
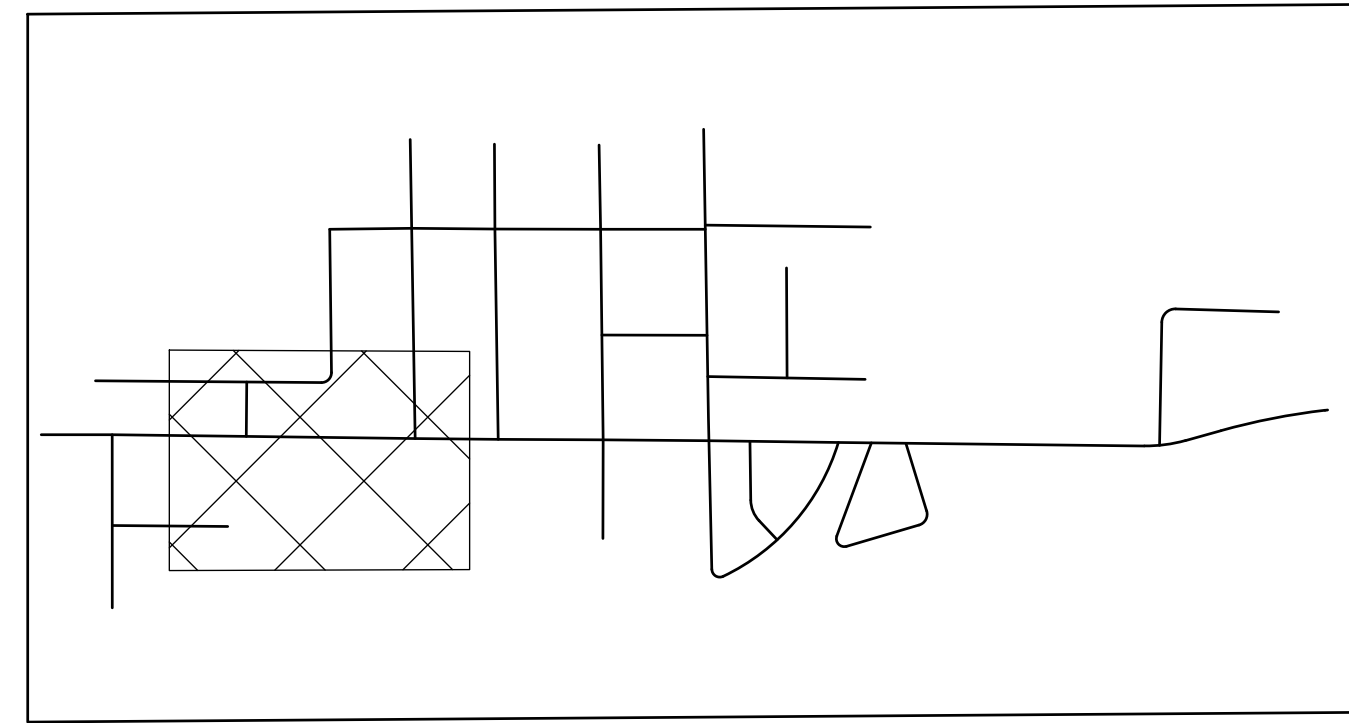
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# CITY OF RANDOLPH

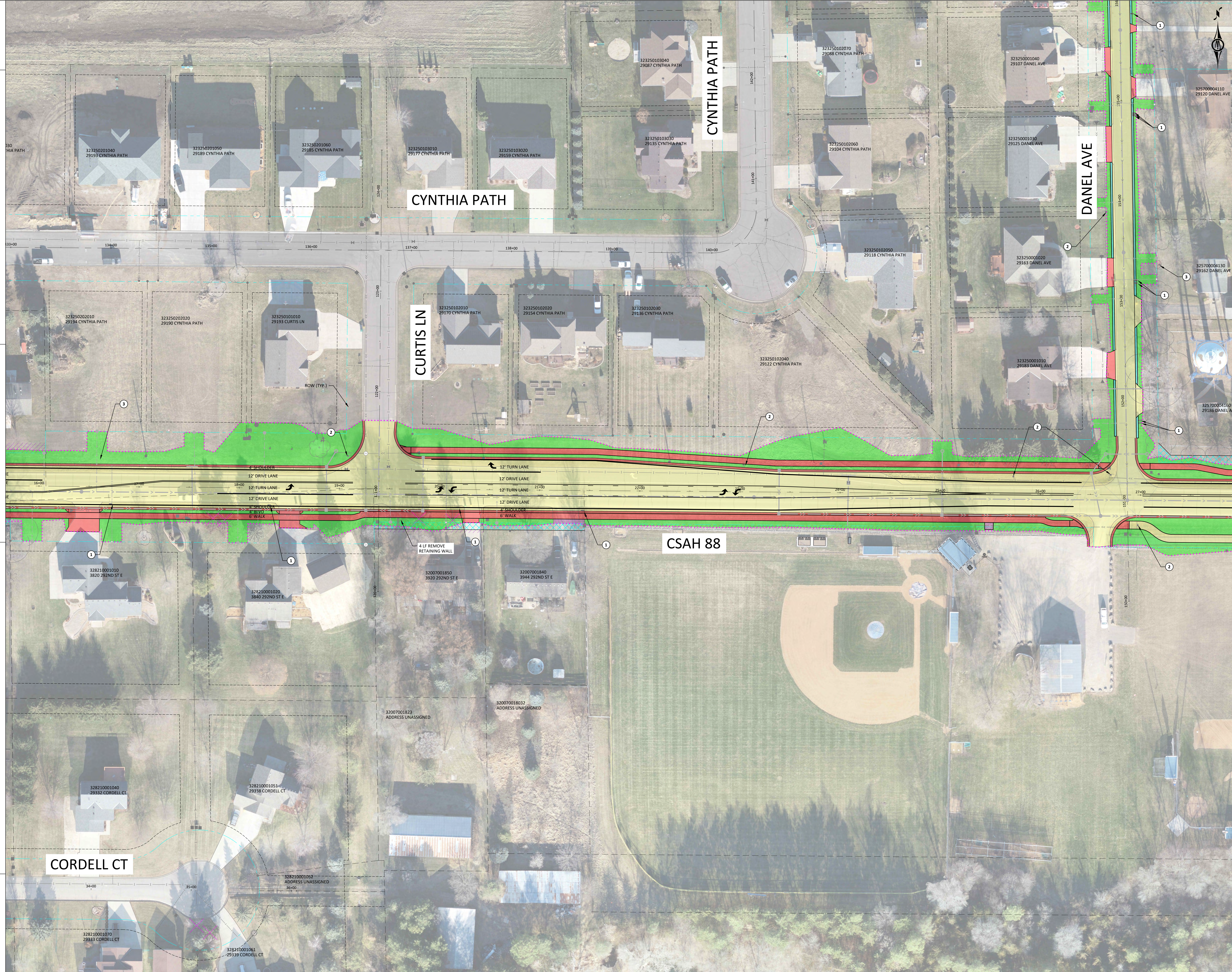
2022 SANITARY SEWER IMPROVEMENTS

## PRELIMINARY LAYOUT 2 CSAH 88 CR 94 (COOPER AVE)



### LEGEND

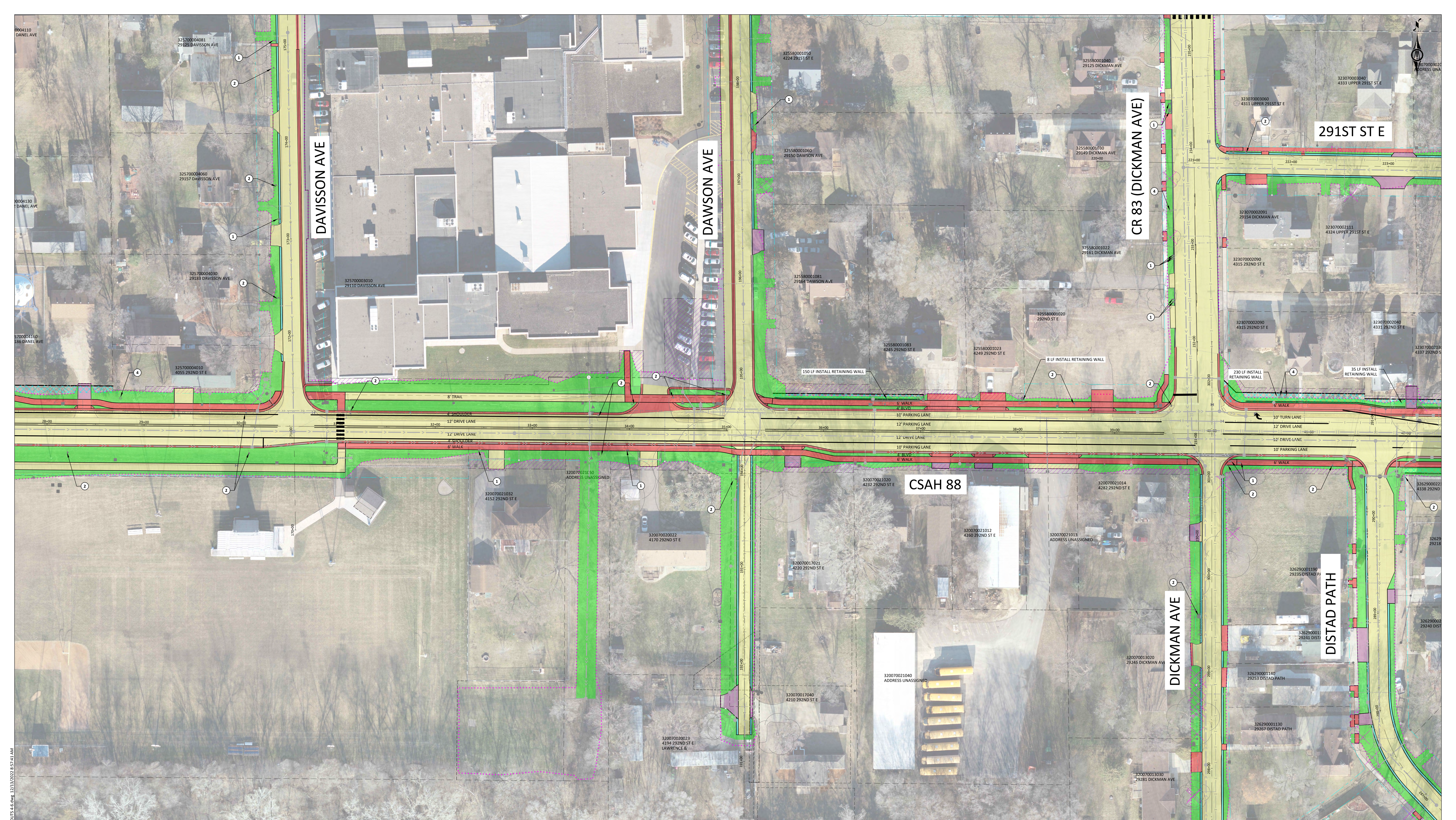
- EXISTING RIGHT OF WAY
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED BITUMINOUS STREET/DRIVEWAY/TRAIL
- PROPOSED CONCRETE DRIVEWAY/SIDEWALK/MEDIAN
- PROPOSED GRAVEL STREET/DRIVEWAY
- PROPOSED TURF
- PROPOSED CONCRETE CURB & GUTTER/VALLEY GUTTER
- PROPOSED BITUMINOUS CURB
- GRAVEL SHOULDER
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY SERVICE
- PROPOSED FORCEMAIN
- PROPOSED SANITARY MANHOLE
- WATERMAIN VALVE
- HYDRANT
- PROPOSED CURBSTOP
- PROPOSED WATERMAIN SERVICE REPLACEMENT
- PROPOSED WATERMAIN
- EXISTING WATERMAIN
- EXISTING WATER SERVICE
- EXISTING STORM SEWER PIPE
- PROPOSED STORM SEWER PIPE
- APPROXIMATE CONSTRUCTION LIMITS
- PROPOSED STORM STRUCTURE
- TREE REMOVAL
- POTENTIAL TREE REMOVAL
- SALVAGE/REINSTALL MAILBOX POST
- SALVAGE/REINSTALL SIGN
- RELOCATE UTILITY
- LANDSCAPE IMPACT



**DECEMBER 2022**

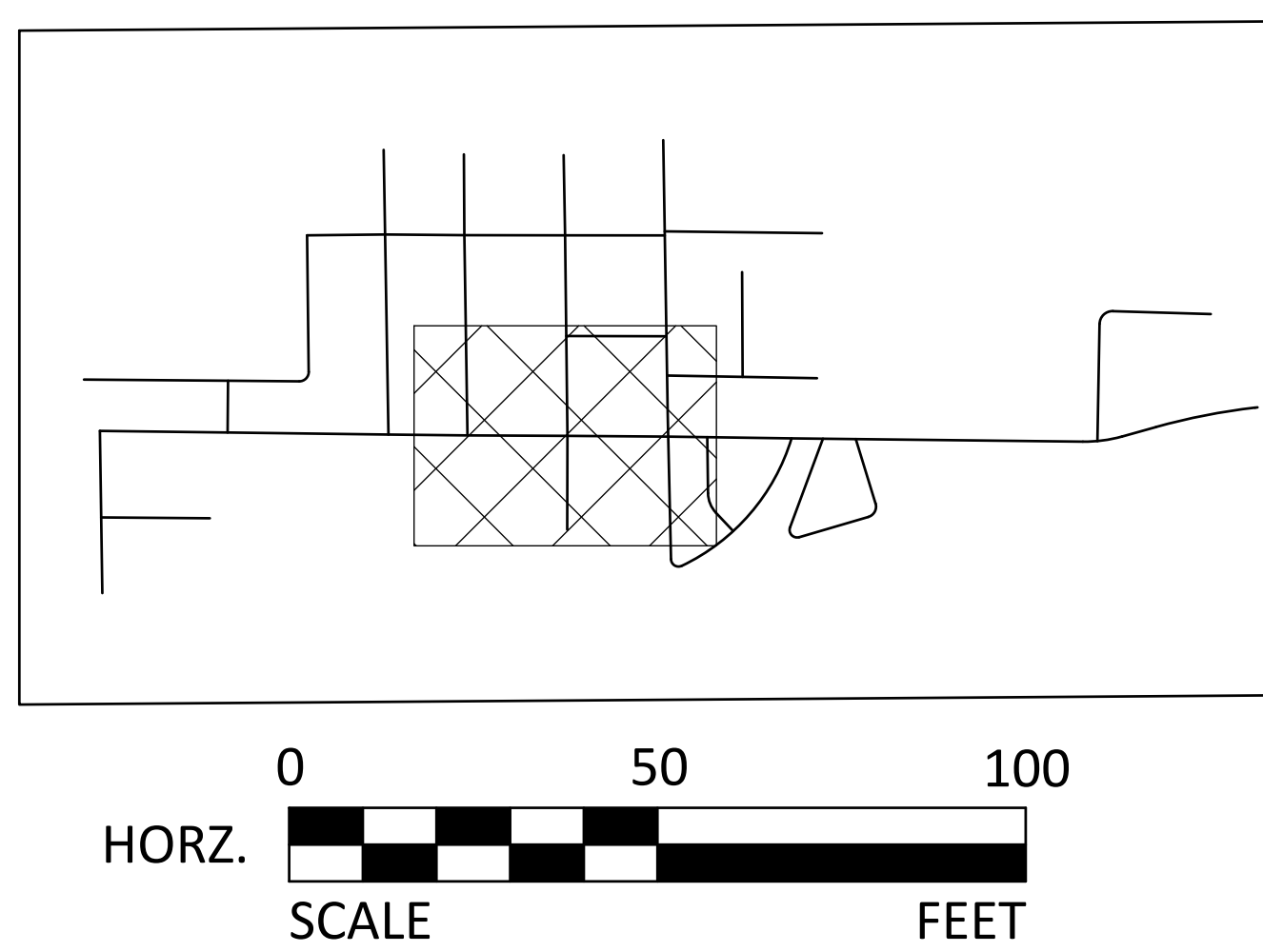
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**LEGEND**

- |  |   |  |  |  |                                  |
|--|---|--|--|--|----------------------------------|
|  | EXISTING RIGHT OF WAY                         |  | WATERMAIN VALVE                        |  | POTENTIAL TREE REMOVAL           |
|  | PROPOSED TEMPORARY EASEMENT                   |  | HYDRANT                                |  | 1 SALVAGE/REINSTALL MAILBOX POST |
|  | PROPOSED PERMANENT EASEMENT                   |  | PROPOSED CURBSTOP                      |  | 2 SALVAGE/REINSTALL SIGN         |
|  | PROPOSED BITUMINOUS STREET/DRIVEWAY/TRAIL     |  | PROPOSED WATERMAIN SERVICE REPLACEMENT |  | 3 RELOCATE UTILITY               |
|  | PROPOSED CONCRETE DRIVEWAY/SIDEWALK/MEDIAN    |  | PROPOSED WATERMAIN                     |  | 4 LANDSCAPE IMPACT               |
|  | PROPOSED GRAVEL STREET/DRIVEWAY               |  | EXISTING WATERMAIN                     |  |                                  |
|  | PROPOSED TURF                                 |  | EXISTING WATER SERVICE                 |  |                                  |
|  | PROPOSED CONCRETE CURB & GUTTER/VALLEY GUTTER |  | EXISTING STORM SEWER PIPE              |  |                                  |
|  | PROPOSED BITUMINOUS CURB                      |  | PROPOSED STORM SEWER PIPE              |  |                                  |
|  | GRAVEL SHOULDER                               |  | APPROXIMATE CONSTRUCTION LIMITS        |  |                                  |
|  | PROPOSED SANITARY SEWER                       |  | PROPOSED STORM STRUCTURE               |  |                                  |
|  | PROPOSED SANITARY SERVICE                     |  | PROPOSED SANITARY MANHOLE              |  |                                  |
|  | PROPOSED FORCEMAIN                            |  | TREE REMOVAL                           |  |                                  |



**PRELIMINARY LAYOUT 3**  
 DANIEL AVE  
 DAVISSON AVE  
 DAWSON AVE  
 CSAH 88  
 291ST ST W

**CITY OF RANDOLPH**  
 2022 SANITARY SEWER IMPROVEMENTS



**DECEMBER 2022**

H:\RAND\01123203\2 Preliminary\B Layouts\FIG. 123203-PROJECT LAYOUTS & 6.dwg, 12/13/2022, 8:57:41 AM

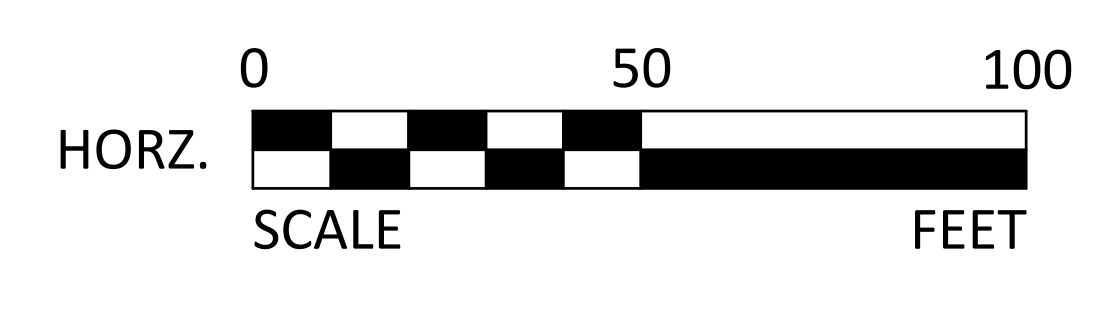
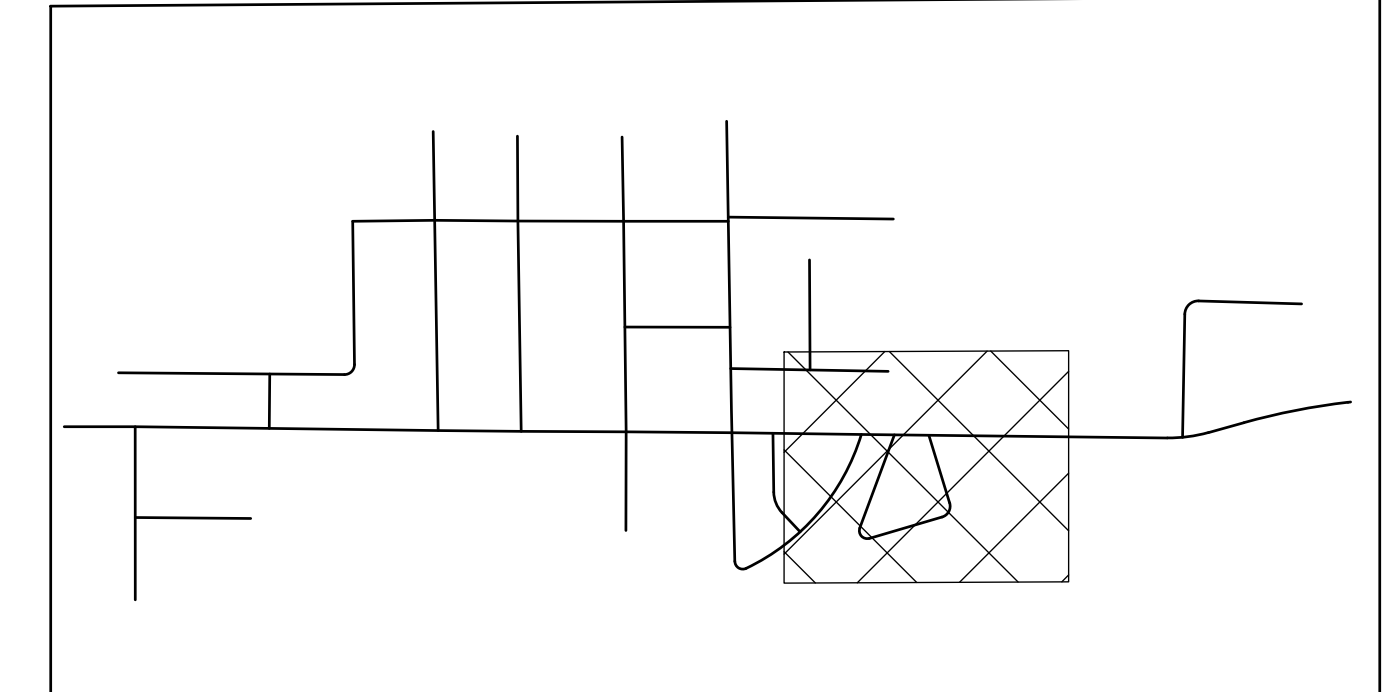


# CITY OF RANDOLPH

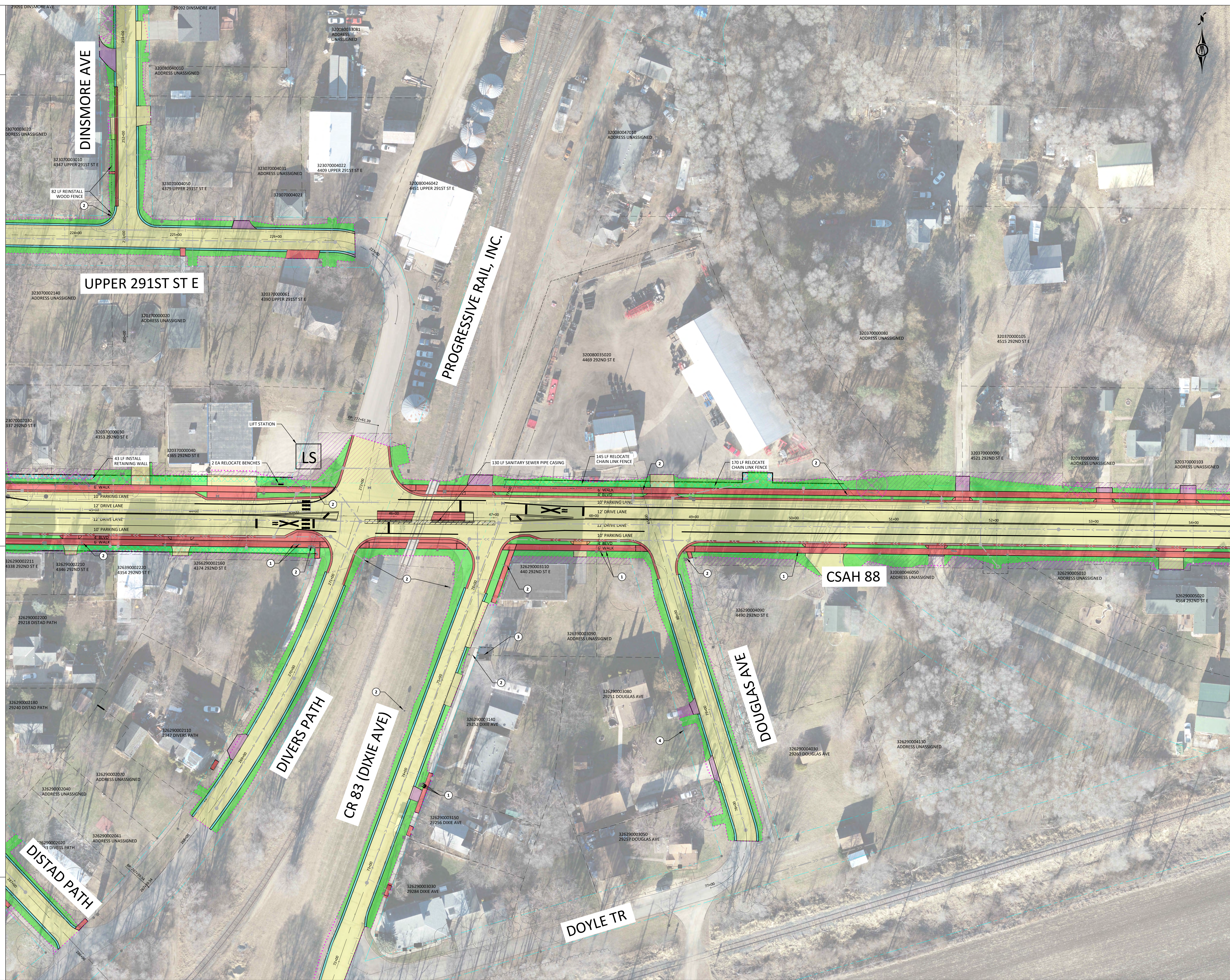
2022 SANITARY SEWER IMPROVEMENTS

## PRELIMINARY LAYOUT 4

DINSMORE AVE  
 UPPER 291ST ST W  
 CSAH 88  
 DISTAD PATH  
 DIVERS PATH  
 DIXIE AVE  
 DOYLE TR  
 DOUGLAS AVE



- LEGEND**
- EXISTING RIGHT OF WAY
  - PROPOSED TEMPORARY EASEMENT
  - PROPOSED PERMANENT EASEMENT
  - PROPOSED BITUMINOUS STREET/DRIVEWAY/TRAIL
  - PROPOSED CONCRETE DRIVEWAY/SIDEWALK/MEDIAN
  - PROPOSED GRAVEL STREET/DRIVEWAY
  - PROPOSED TURF
  - PROPOSED CONCRETE CURB & GUTTER/VALLEY GUTTER
  - PROPOSED BITUMINOUS CURB
  - GRAVEL SHOULDER
  - PROPOSED SANITARY SEWER
  - PROPOSED SANITARY SERVICE
  - PROPOSED FORCEMAIN
  - PROPOSED SANITARY MANHOLE
  - WATERMAIN VALVE
  - HYDRANT
  - PROPOSED CURBSTOP
  - PROPOSED WATERMAIN SERVICE REPLACEMENT
  - PROPOSED WATERMAIN
  - EXISTING WATERMAIN
  - EXISTING WATER SERVICE
  - EXISTING STORM SEWER PIPE
  - PROPOSED STORM SEWER PIPE
  - APPROXIMATE CONSTRUCTION LIMITS
  - PROPOSED STORM STRUCTURE
  - TREE REMOVAL
  - POTENTIAL TREE REMOVAL
  - SALVAGE/REINSTALL MAILBOX POST
  - SALVAGE/REINSTALL SIGN
  - RELOCATE UTILITY
  - LANDSCAPE IMPACT



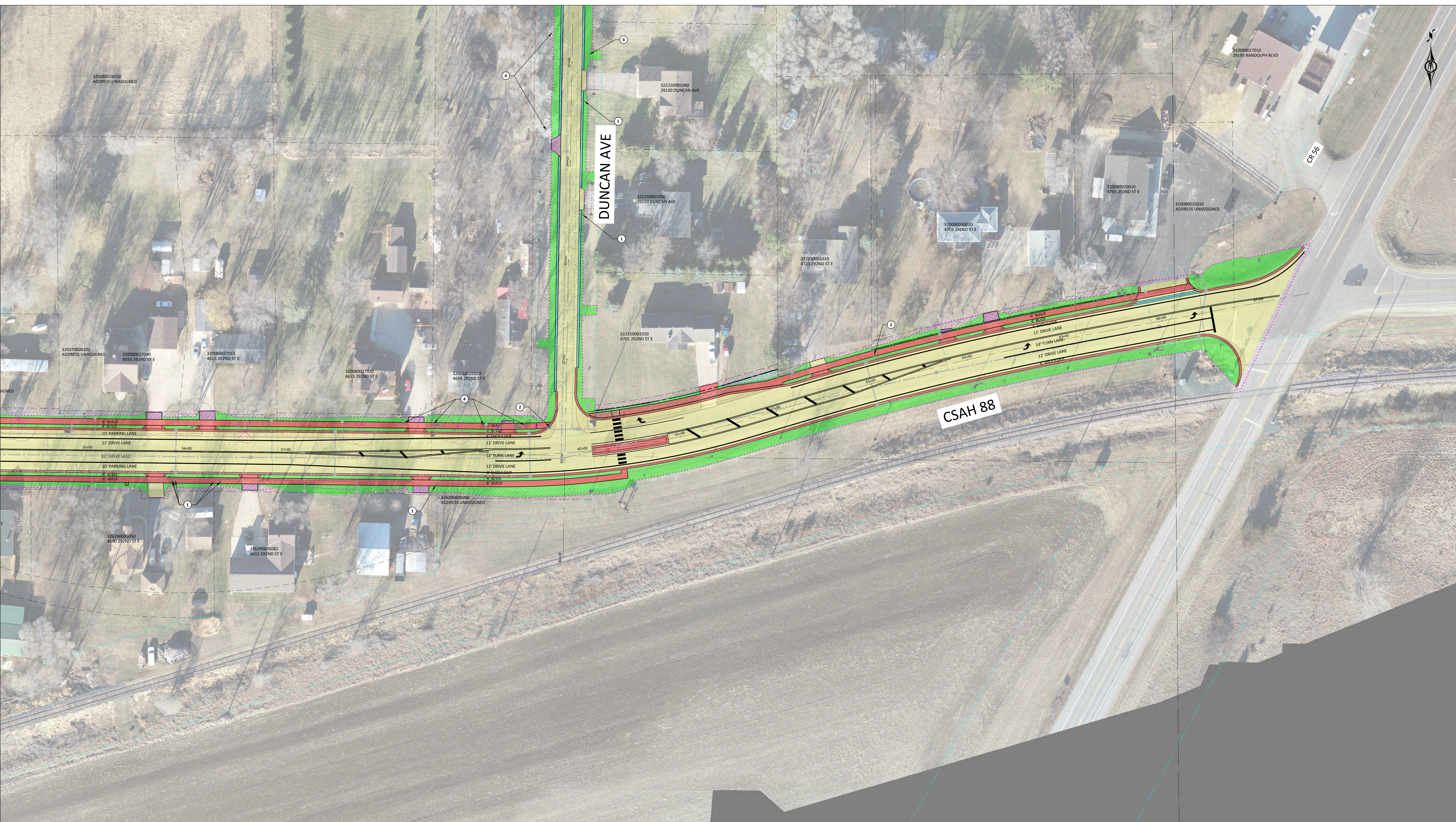
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**BOLTON & MENK**

**DECEMBER 2022**



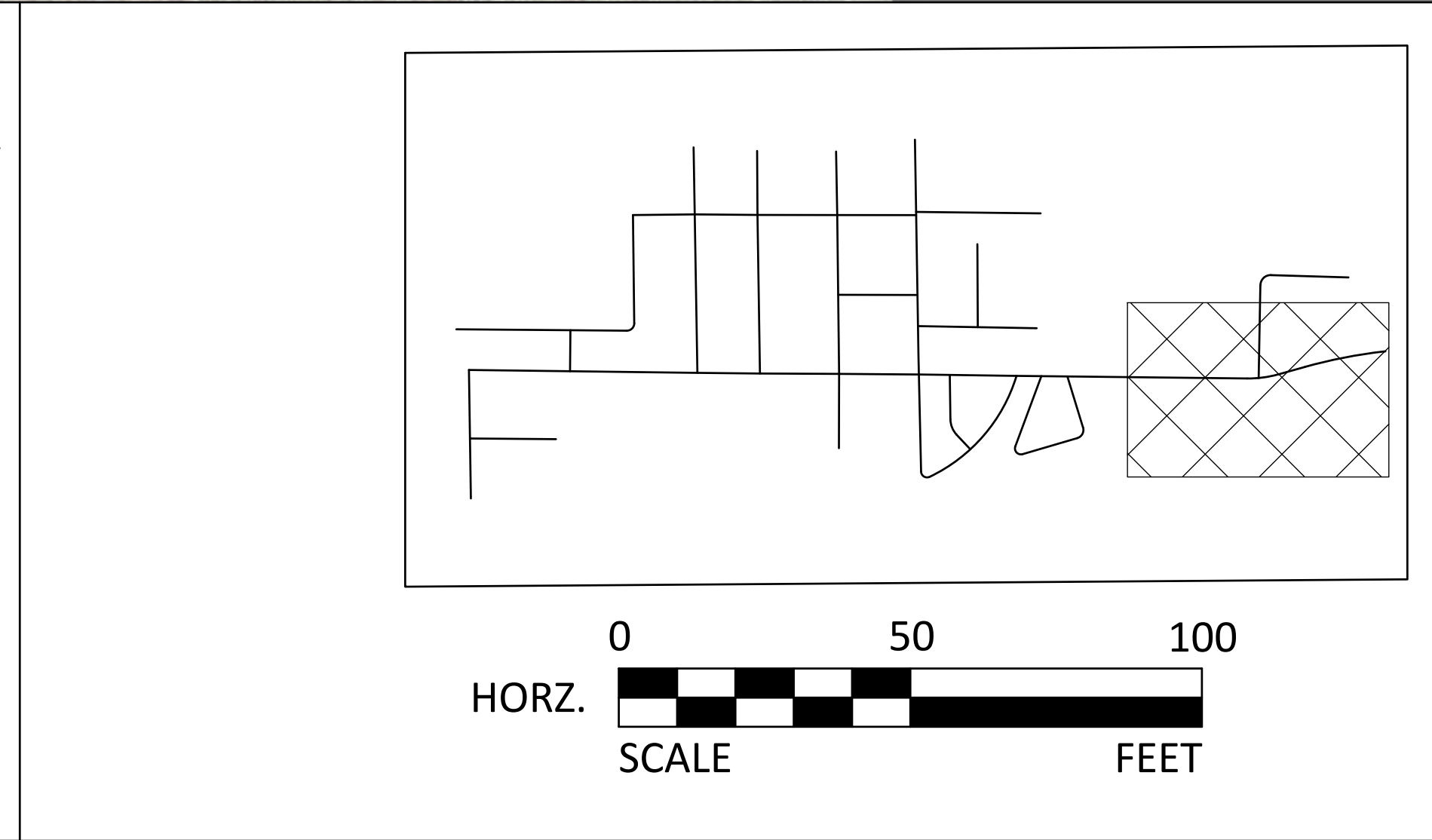



**BOLTON & MENK**

DECEMBER 2022

**LEGEND**

|  |   |  |  |  |                                |
|--|---|--|--|--|--------------------------------|
|  | EXISTING RIGHT OF WAY                         |  | WATERMAIN VALVE                        |  | POTENTIAL TREE REMOVAL         |
|  | PROPOSED TEMPORARY EASEMENT                   |  | HYDRANT                                |  | SALVAGE/REINSTALL MAILBOX POST |
|  | PROPOSED PERMANENT EASEMENT                   |  | PROPOSED CURBSTOP                      |  | SALVAGE/REINSTALL SIGN         |
|  | PROPOSED BITUMINOUS STREET/DRIVEWAY/TRAIL     |  | PROPOSED WATERMAIN SERVICE REPLACEMENT |  | RELOCATE UTILITY               |
|  | PROPOSED CONCRETE DRIVEWAY/SIDEWALK/MEDIAN    |  | PROPOSED WATERMAIN                     |  | LANDSCAPE IMPACT               |
|  | PROPOSED GRAVEL STREET/DRIVEWAY               |  | EXISTING WATERMAIN                     |  |                                |
|  | PROPOSED TURF                                 |  | EXISTING WATER SERVICE                 |  |                                |
|  | PROPOSED CONCRETE CURB & GUTTER/VALLEY GUTTER |  | EXISTING STORM SEWER PIPE              |  |                                |
|  | PROPOSED BITUMINOUS CURB                      |  | PROPOSED STORM SEWER PIPE              |  |                                |
|  | GRAVEL SHOULDER                               |  | APPROXIMATE CONSTRUCTION LIMITS        |  |                                |
|  | PROPOSED SANITARY SEWER                       |  | PROPOSED STORM STRUCTURE               |  |                                |
|  | PROPOSED SANITARY SERVICE                     |  | PROPOSED SANITARY MANHOLE              |  |                                |
|  | PROPOSED FORCEMAIN                            |  | TREE REMOVAL                           |  |                                |



**PRELIMINARY LAYOUT 5**  
**DUNCAN AVE**  
**CSAH 88**

**CITY OF RANDOLPH**  
**2022 SANITARY SEWER IMPROVEMENTS**

H:\RAND\01123203\3\ Preliminary\B\_Layers\5\FIGR\_123203-PROJECT\_LAYOUTS 4-6.dwg, 12/13/2022 9:08:30 AM