## LAYOUT HISTORY

THIS LAYOUT IS BASED ON A PRELIMINARY LAYOUT CONCEPT DEVELOPED BY MNDOT TO ADD RIGHT AND LEFT TURN LANES ON TH 60 AT THE INRESECTION OF CSAH 3.

DISTRICT COMMENTS ON THIS LAYOUT, BASED ON A LAYOUT SUBMITTAL ON 08-29-2018, HAVE ALSO BEEN INCORPORATED.

**S.P. 4006-35**

**T.H. 60 LAKE CONNECTION PROJECT**
**PRELIMINARY LAYOUT**

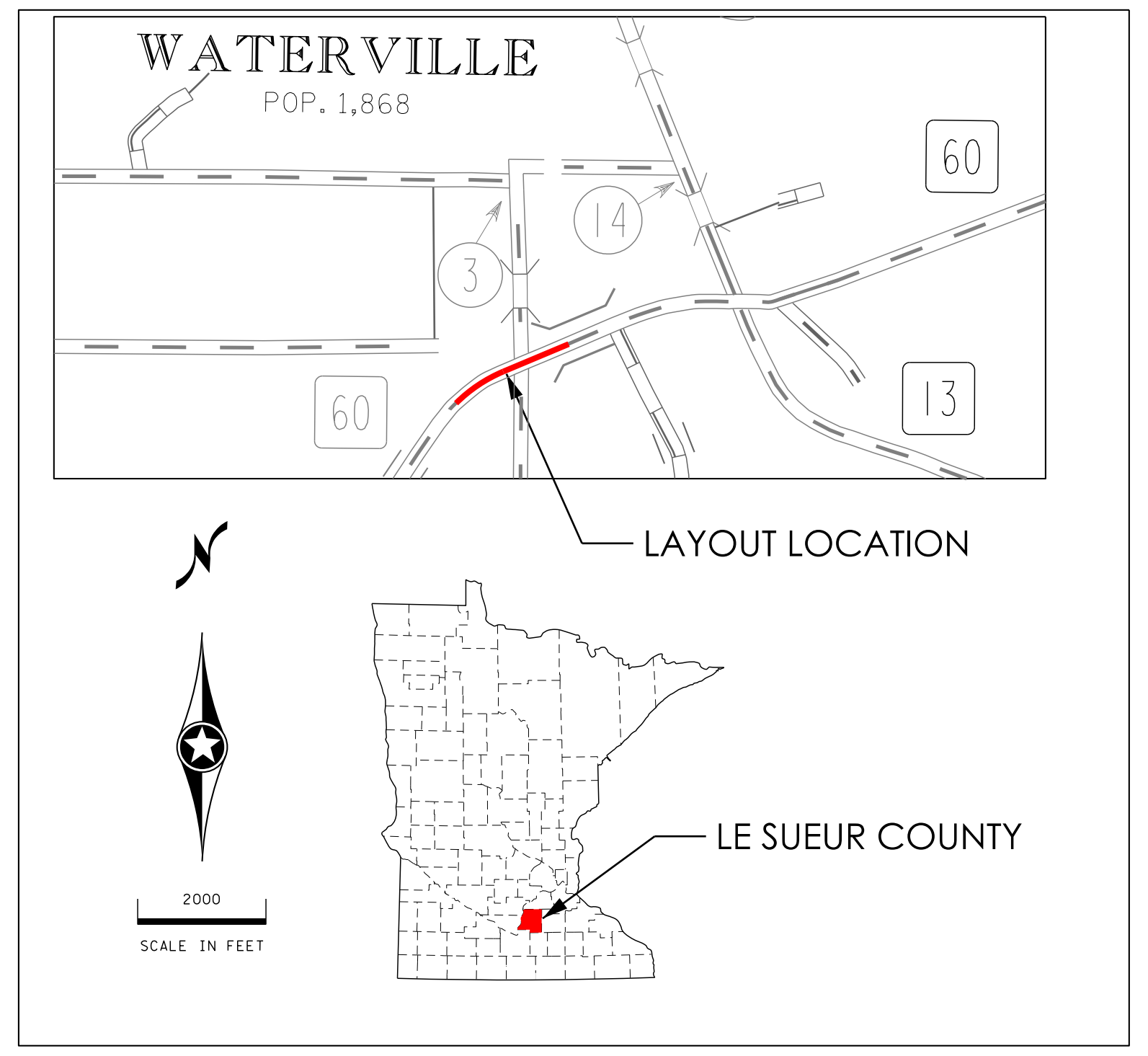
**CSAH 3, WATERVILLE, MN**

Hwy60 THE LAKE CONNECTION

DEPARTMENT OF TRANSPORTATION

BOLTON & MENK

**01/15/2019**

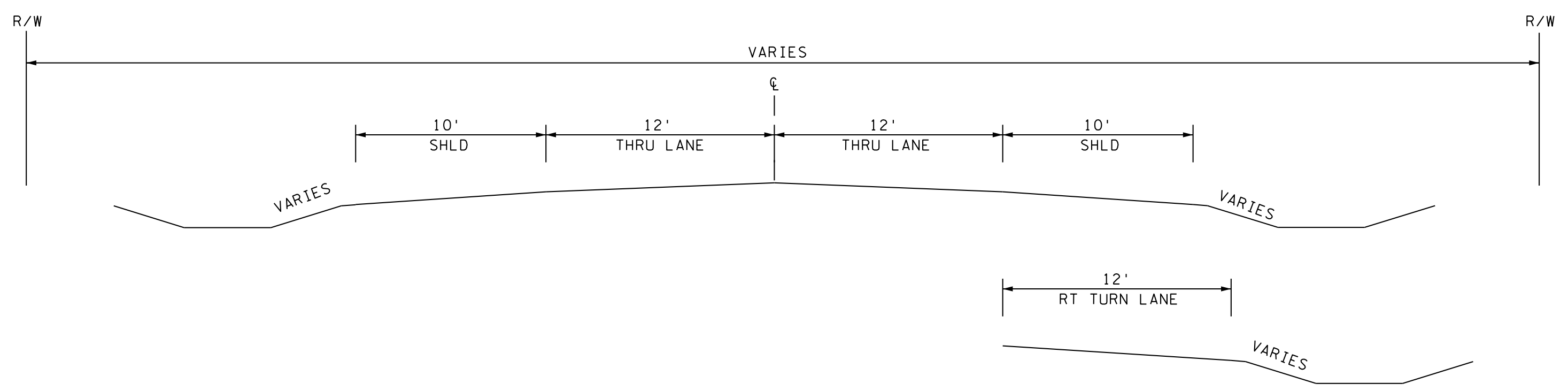

WATERVILLE
POP. 1,868
60
14
3
60
13
LAYOUT LOCATION
2000
SCALE IN FEET
LE SUEUR COUNTY

## LAYOUT LEGEND

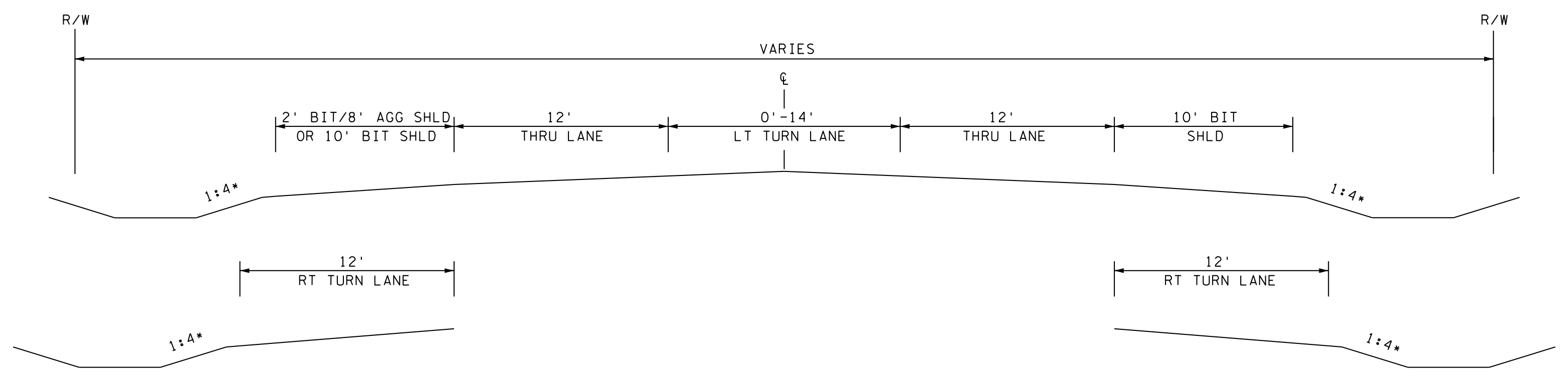
| | |
|---|---|
| 🟨 | PROPOSED ROADWAY |
| 🟦 | BITUMINOUS SHOULDER |
| 🟥 | AGGREGATE SHOULDER |
| —··— | EXISTING RIGHT-OF-WAY |
| —○— | EXISTING ACCESS CONTROL |
| - - - | CONSTRUCTION LIMITS |

**TH 60 ADT = 4,900**

## EXISTING TYPICAL SECTION


R/W
R/W
VARIES
℄
10' SHLD
12' THRU LANE
12' THRU LANE
10' SHLD
VARIES
VARIES
12' RT TURN LANE
VARIES

## PROPOSED TYPICAL SECTION


R/W
R/W
VARIES
℄
2' BIT/8' AGG SHLD OR 10' BIT SHLD
12' THRU LANE
0'-14' LT TURN LANE
12' THRU LANE
10' BIT SHLD
1:4*
1:4*
12' RT TURN LANE
12' RT TURN LANE
1:4*
1:4*

* 1:2 STA 651+00 TO BRIDGE #5467

## Level 2 LAYOUT APPROVAL

Programmed Letting Date DECEMBER 18 ~~FEBRUARY 28~~, 2020

Prepared By Curtis Bolton _2019_
Bolton & Menk, Inc.

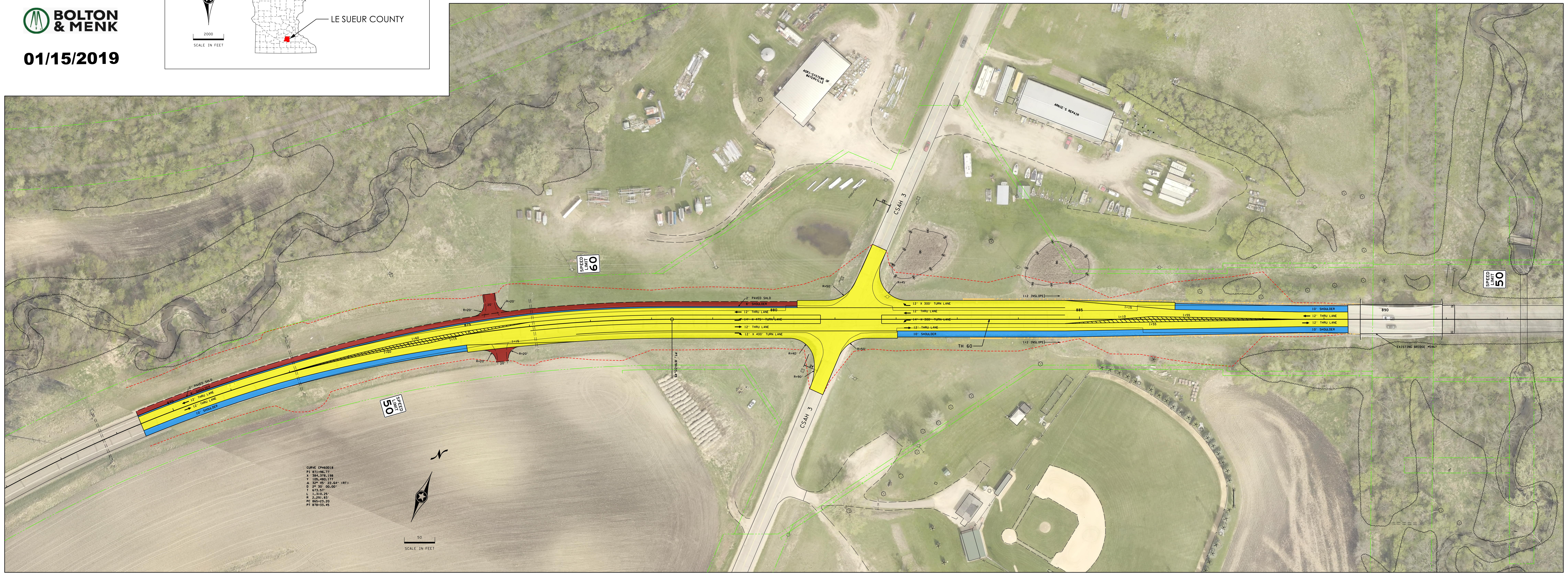
Reviewed By _2/20 2019_
District Design or Preliminary Design Engineer

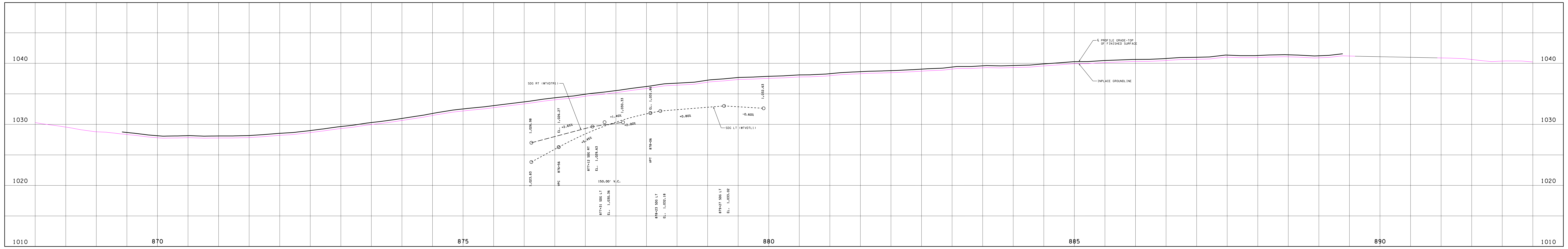
Reviewed By _12 FEB 2019_
District Traffic Engineer

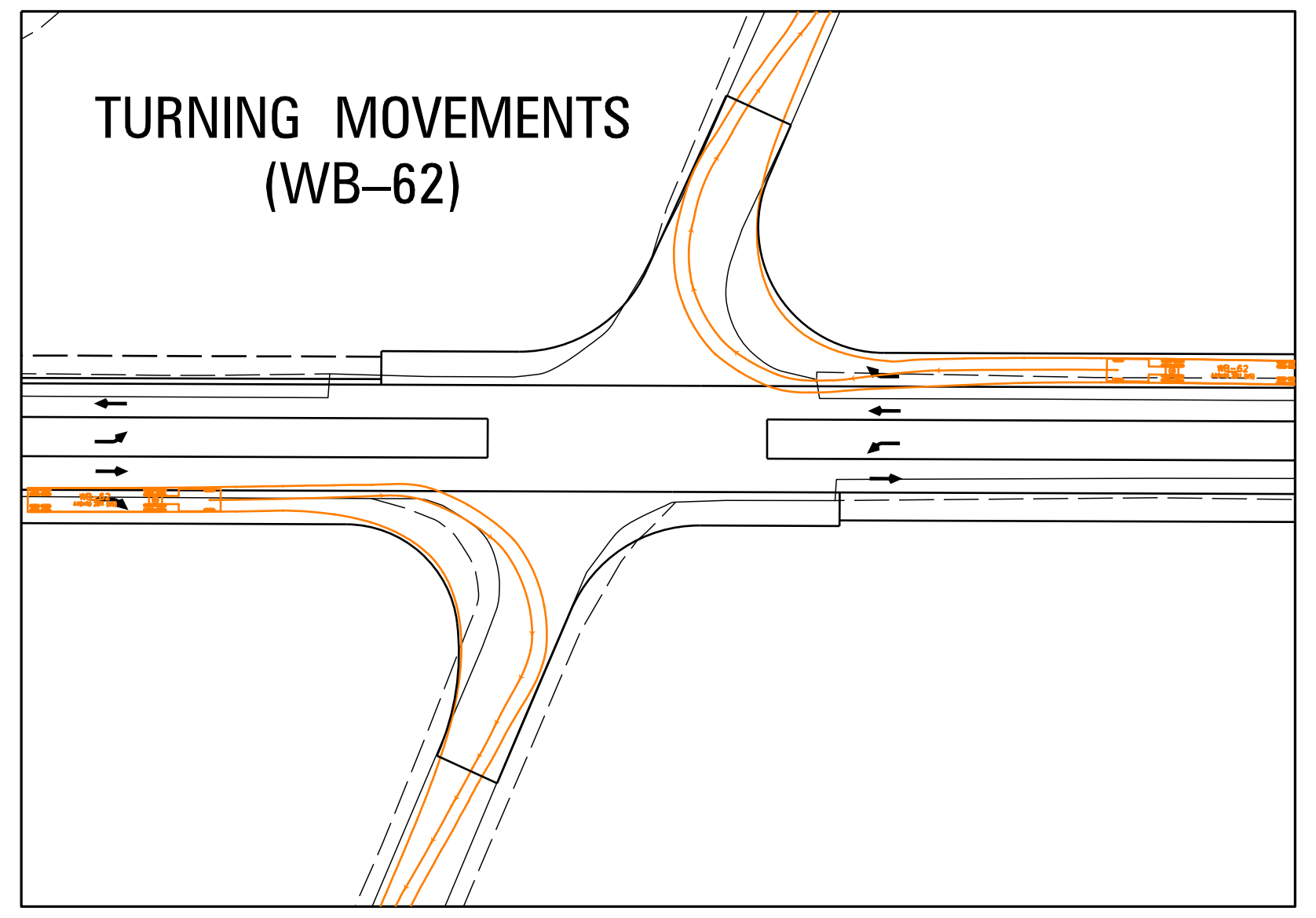
Approved By _2/21 2019_
Transportation District Engineer

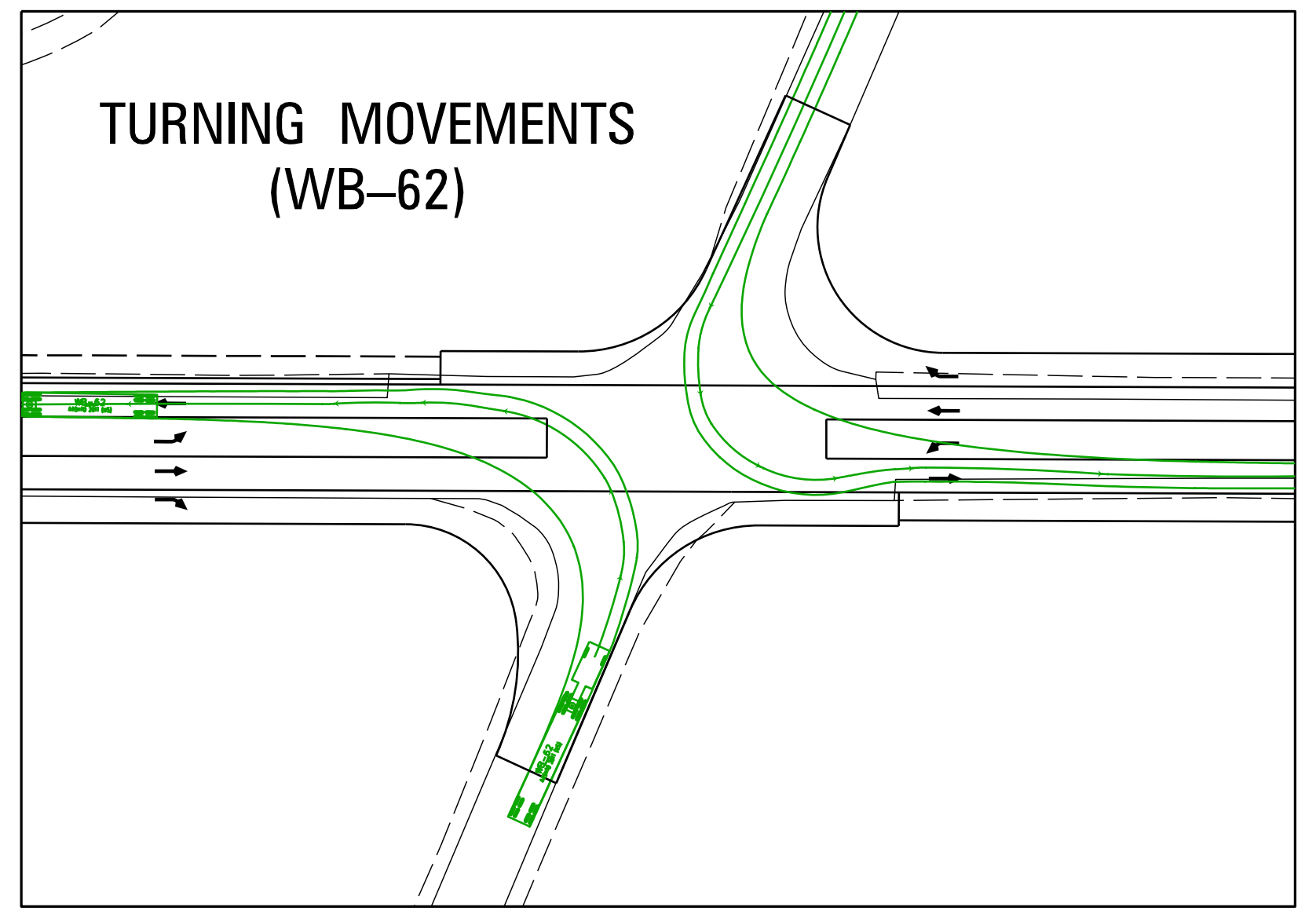
I HEREBY CERTIFY THAT THIS LAYOUT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

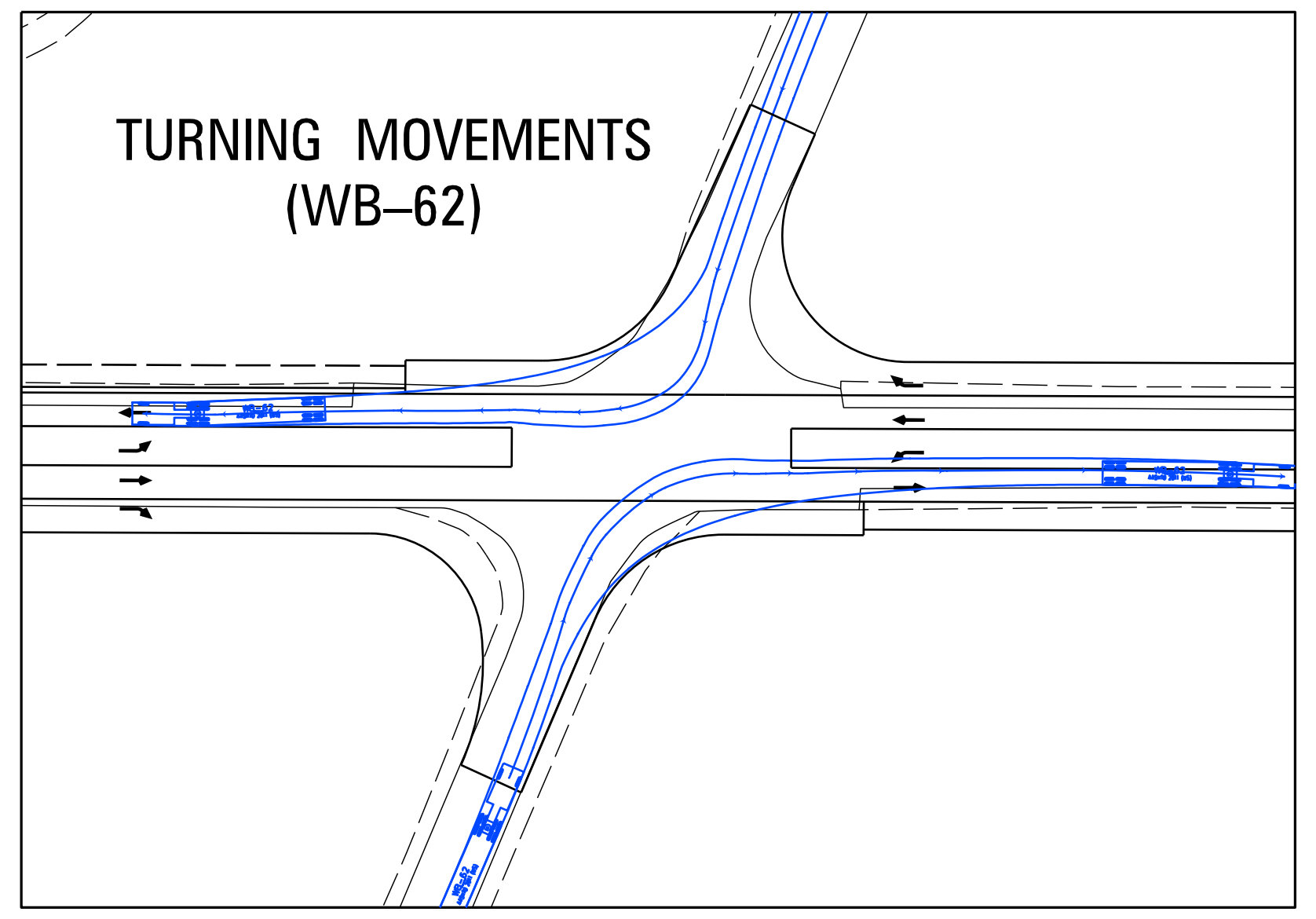
NAME: Curtis Bolton LIC. NO. 54867 DATE: 2/23 2019

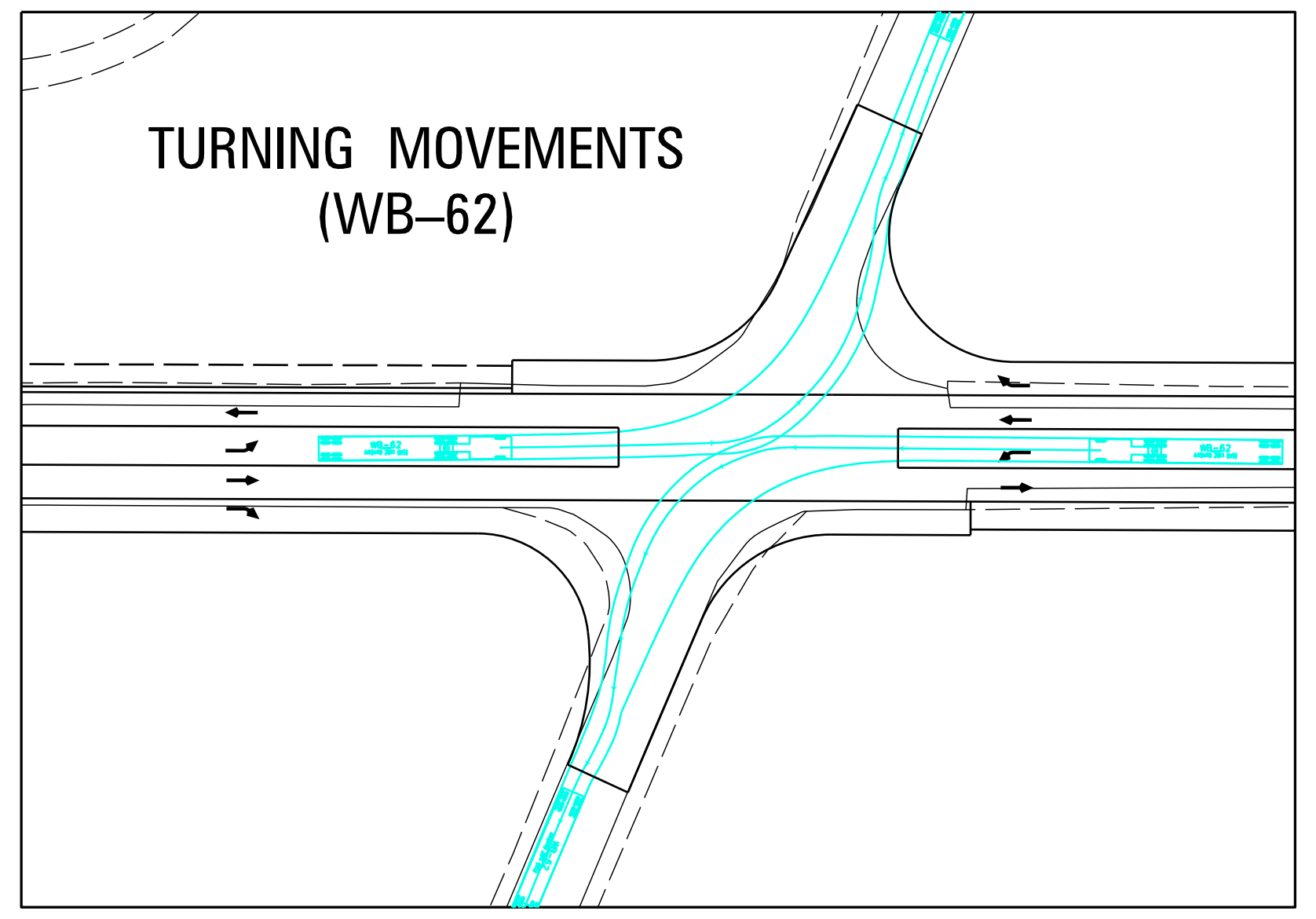

AGRI-SYSTEMS OF WATERVILLE
ARNIE'S REPAIR
CSAH 3
25'
SPEED LIMIT 60
R=20'
20'
R=20'
R=20'
R=20'
20'
875
1:60
1:15
1:15
1:60
2' PAVED SHLD
8' SHOULDER
12' THRU LANE
880
14' X 475' TURN LANE
12' THRU LANE
12' X 400' TURN LANE
R=50'
R=45'
R=40'
R=50'
R=90'
24
PT. 878+33.45
12' X 300' TURN LANE
12' THRU LANE
14' X 300' TURN LANE
12' THRU LANE
10' SHOULDER
885
1:2 INSLOPE
1:2 INSLOPE
1:15
1:10
1:55
1:55
TH 60
10' SHOULDER
12' THRU LANE
12' THRU LANE
10' SHOULDER
890
EXISTING BRIDGE #5467
SPEED LIMIT 50
870
2' PAVED SHLD
8' SHOULDER
12' THRU LANE
12' THRU LANE
10' SHOULDER
SPEED LIMIT 50
CSAH 3
CURVE CPH60D18
PI 871+96.77
X 384,378.198
Y 105,480.177
Δ 32° 45' 22.64" (RT)
D 2° 30' 00.00"
T 673.57'
L 1,310.25'
R 2,291.83'
PC 865+23.20
PT 878+33.45
50
SCALE IN FEET




TURNING MOVEMENTS
(WB–62)


TURNING MOVEMENTS
(WB–62)


TURNING MOVEMENTS
(WB–62)


TURNING MOVEMENTS
(WB–62)

LAYOUT No. 1 COPY No. 1
T.H. 60 VICINITY OF WATERVILLE
FROM 1100' WEST OF CSAH 3 TO 800' EAST
OF CSAH 3 (BRIDGE NO. 5467)
Prepared January 15 2019 Scale: Hor. 1 inch = 50 ft.
By

The alignment and grades shown on this map are tentative and subject to change without notice.

Staff Approval
Date: 2/21/2019

The traffic volumes shown are estimated for year ----------
Prepared ----------20---

S.P. 4006-35 T.H. 60 A.J.___ PPMS Activity___
S.P.___ T.H.___ A.J.___ PPMS Activity___
S.P.___ T.H.___ A.J.___ PPMS Activity___
Copy To:___ For:___

DESIGN FILE:
DATE: