LAYOUT No. 1B PART 2

T.H. 14 . VICINITY OF NICOLLET & NORTH MANKATO

FROM 270' EAST OF NICOLLET CREEK TO

10,300' EAST OF CSAH 17

Prepared APRIL 2014 Scale: Hor. 1 inch = 100 ft.

By TOM HINZ

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

Staff Approval
Date: 4-25-2014

The traffic volumes shown are estimated for year 2033

Prepared ...APRIL......2014.

S.P. 5203-104 T.H. 14 A.J. I71790 PPMS Activity 1140

S.P. T.H. A.J. PPMS Activity

S.P. T.H. A.J. PPMS Activity

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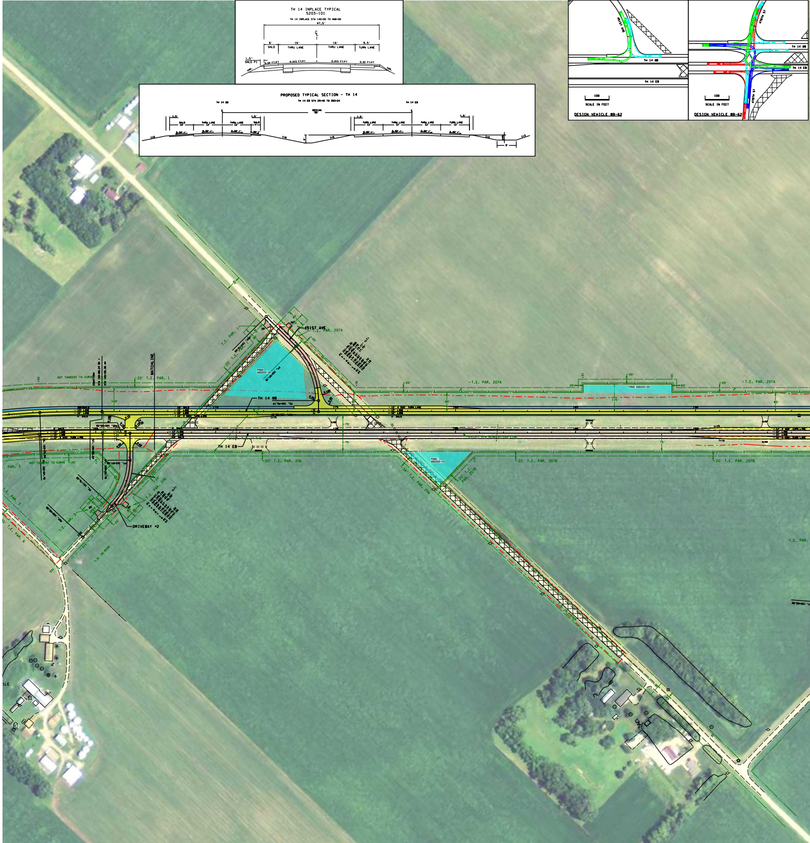
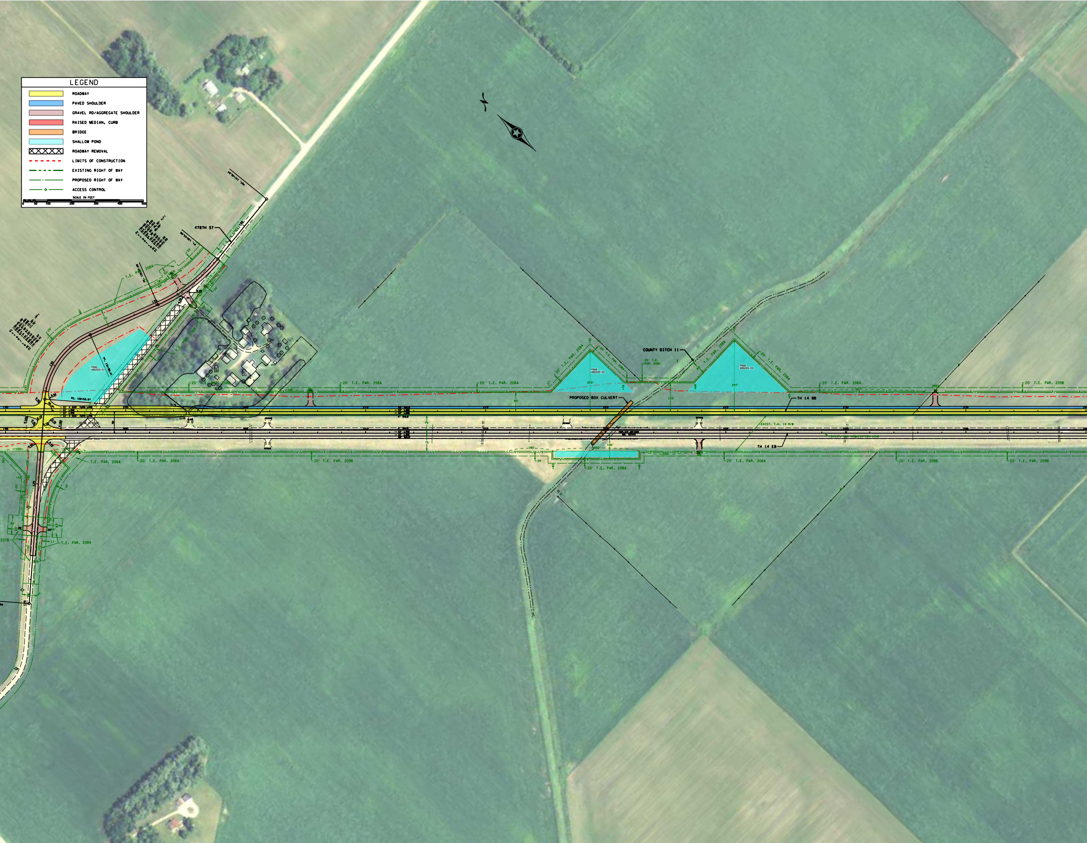
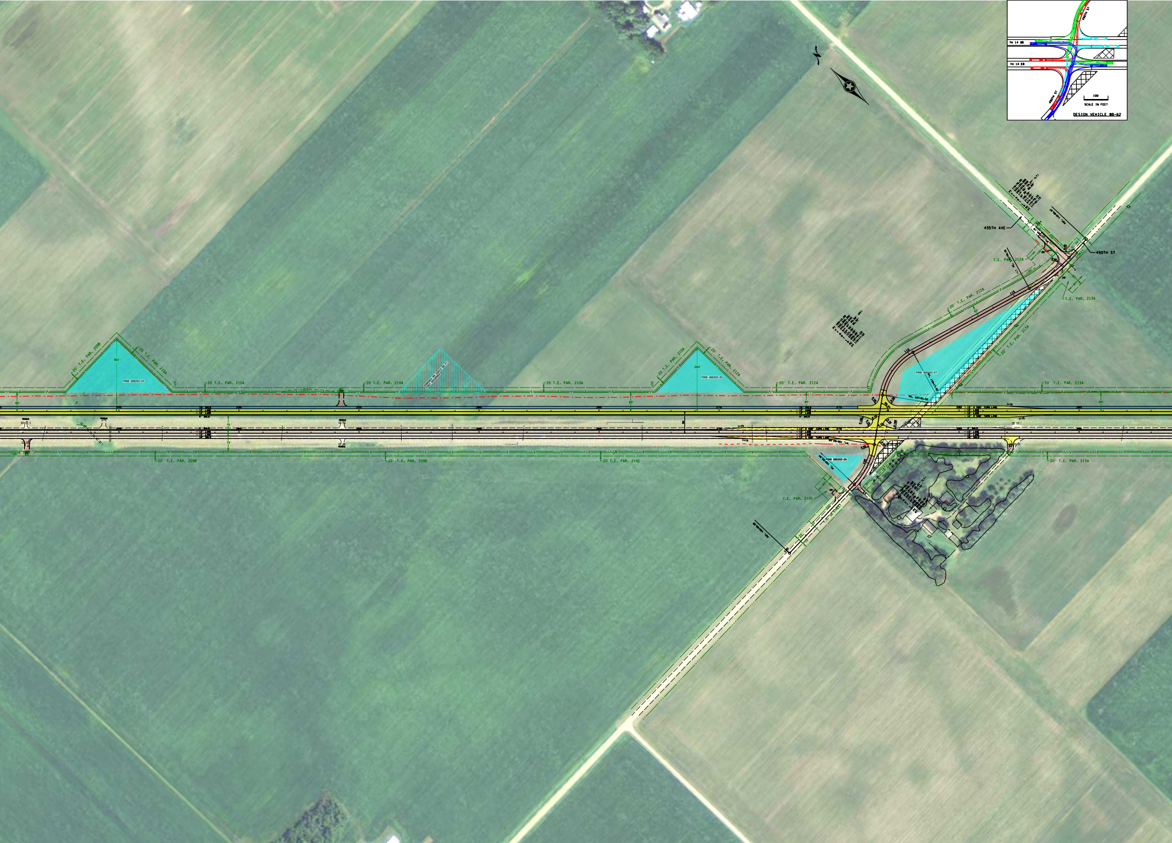
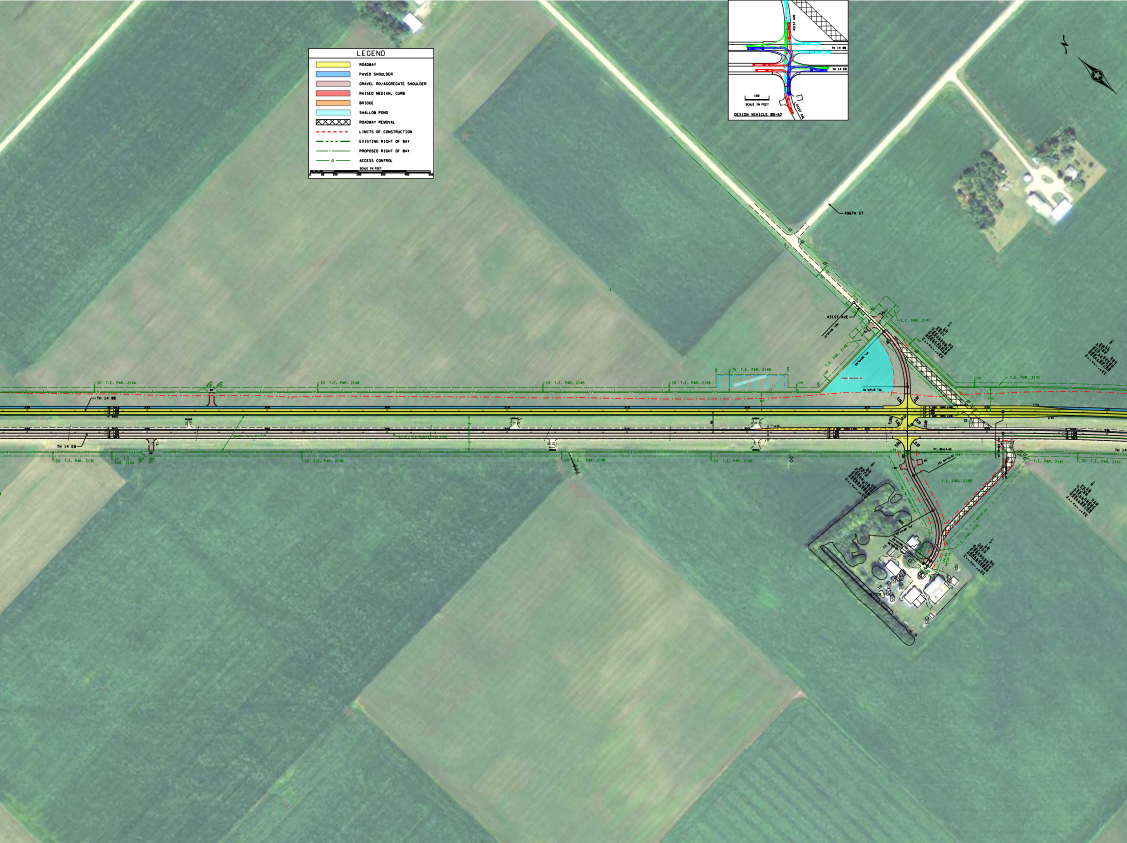
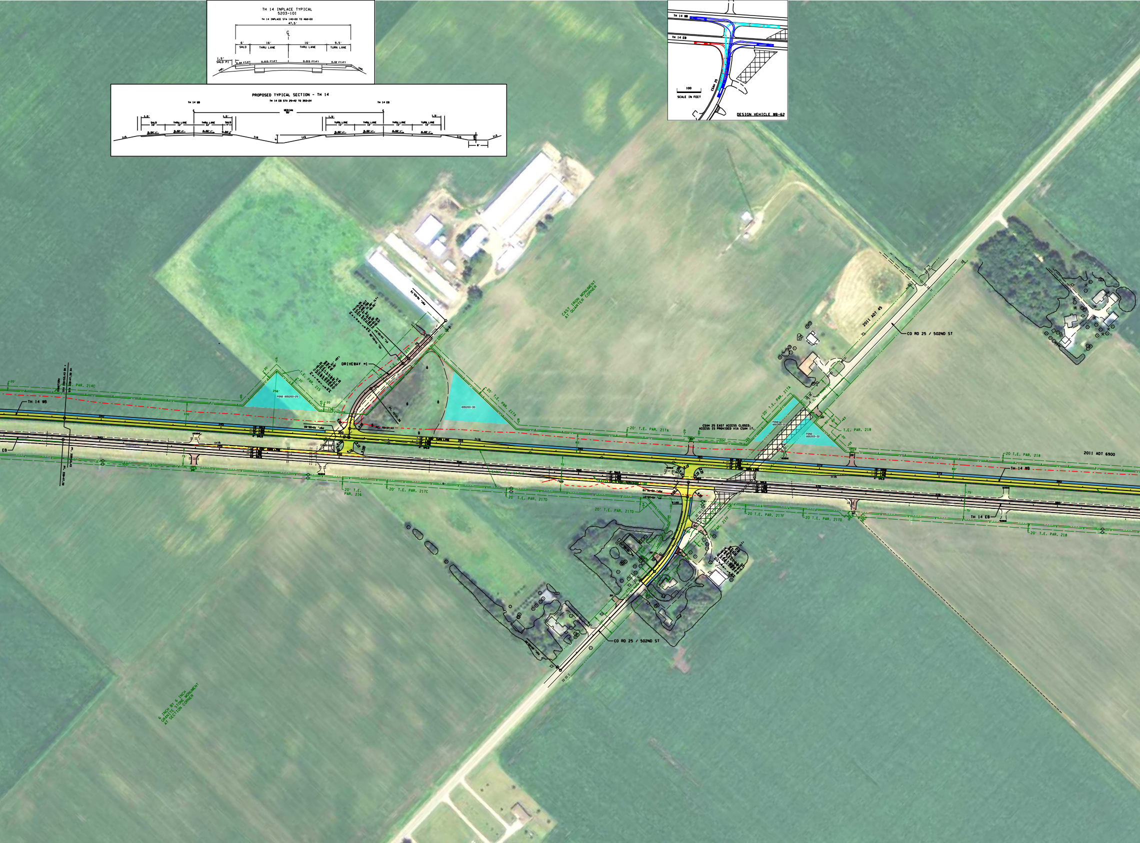
DATE: 30-MAY-2014 11:42

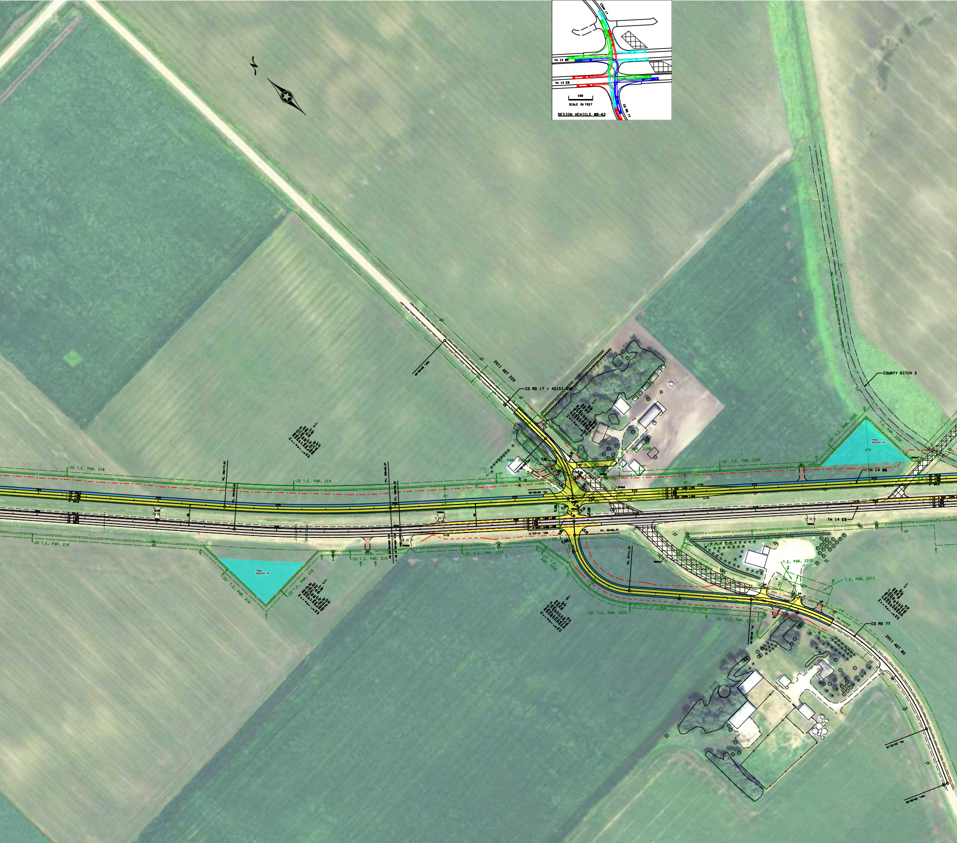

TH 14 INPLACE TYPICAL
5203-101
TH 14 INPLACE STA 140+00 TO 468+00
47.5'
6'
SHLD
16'
THRU LANE
16'
THRU LANE
9.5'
TURN LANE
1.5"
SHLD PI
0.04 FT/FT
0.015 FT/FT
0.015 FT/FT
0.02 FT/FT
VAR.
PROPOSED TYPICAL SECTION - TH 14
TH 14 EB STA 29+42 TO 393+24
TH 14 WB
TH 14 EB
MEDIAN
90'
SHLD
10'
THRU LANE
12'
SHLD
4'
TURN LANE
12'
0.04'/'
0.02'/'
1:6
1:5
8'
TH 14 WB
TH 14 EB
451ST AVE
478TH ST
100
SCALE IN FEET
DESIGN VEHICLE WB-62
451ST AVE
T.E. PAR. 207A
T.E. PAR. 1
MATCHLINE
NOT TANGENT TO CURVE
TH 14 WB
TH 14 EB
T.E. PAR. 206
20' T.E. PAR. 206
20' T.E. PAR. 207B
T.E. PAR. 207B
T.E. PAR. 3
T.E. PAR. 5
T.E. PAR. 6
DRIVEWAY #2
T.O. IN ROAD

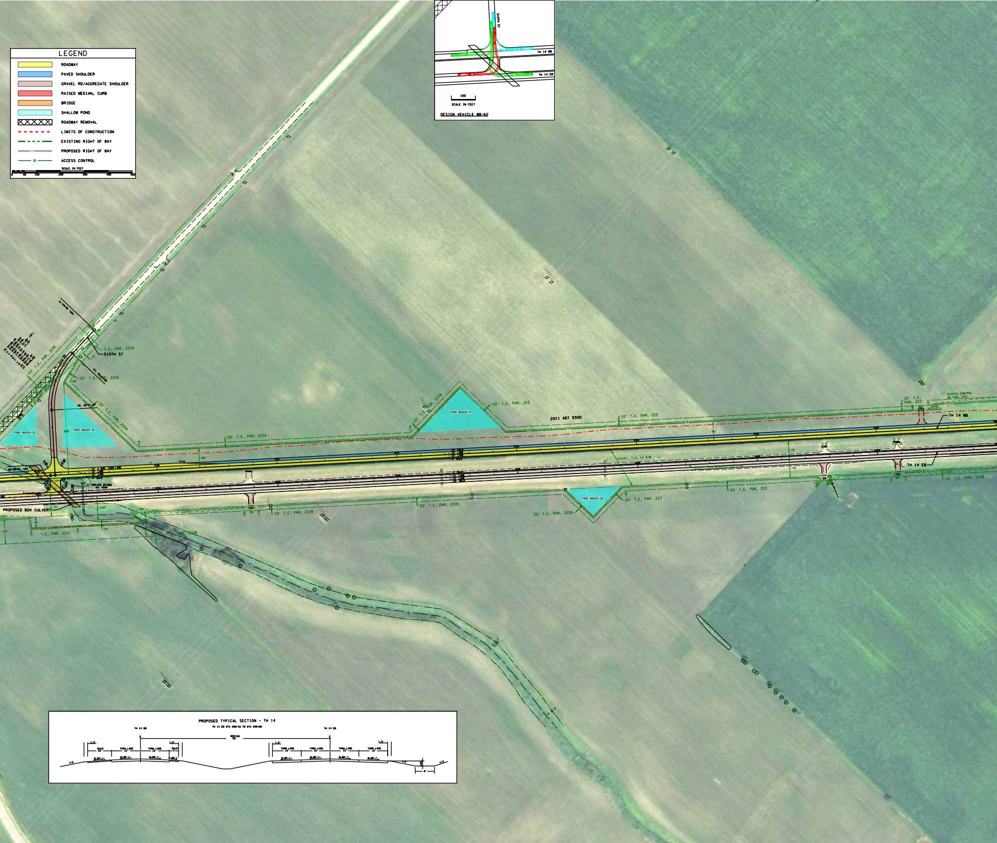

LEGEND
ROADWAY
PAVED SHOULDER
GRAVEL RD/AGGREGATE SHOULDER
RAISED MEDIAN, CURB
BRIDGE
SHALLOW POND
ROADWAY REMOVAL
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
ACCESS CONTROL
SCALE IN FEET
0
50
100
200
300
400
500
478TH ST
T.E. PAR. 208A
20' T.E. PAR. 208B
T.E. PAR. 208B
POND 005203-21
PC. 120+53.97
20' T.E. PAR. 208A
T.E. PAR. 208A
20' T.E. PAR. 209B
COUNTY DITCH 11
20' T.E. PAR. 208C
POND 005203-22
POND 005203-23
253'
297'
120'
105'
360'
180'
220'
567'
PROPOSED BOX CULVERT
TH 14 WB
TH 14 EB
EXIST. T.H. 14 R/W
OPEN
210
215
220
225
230

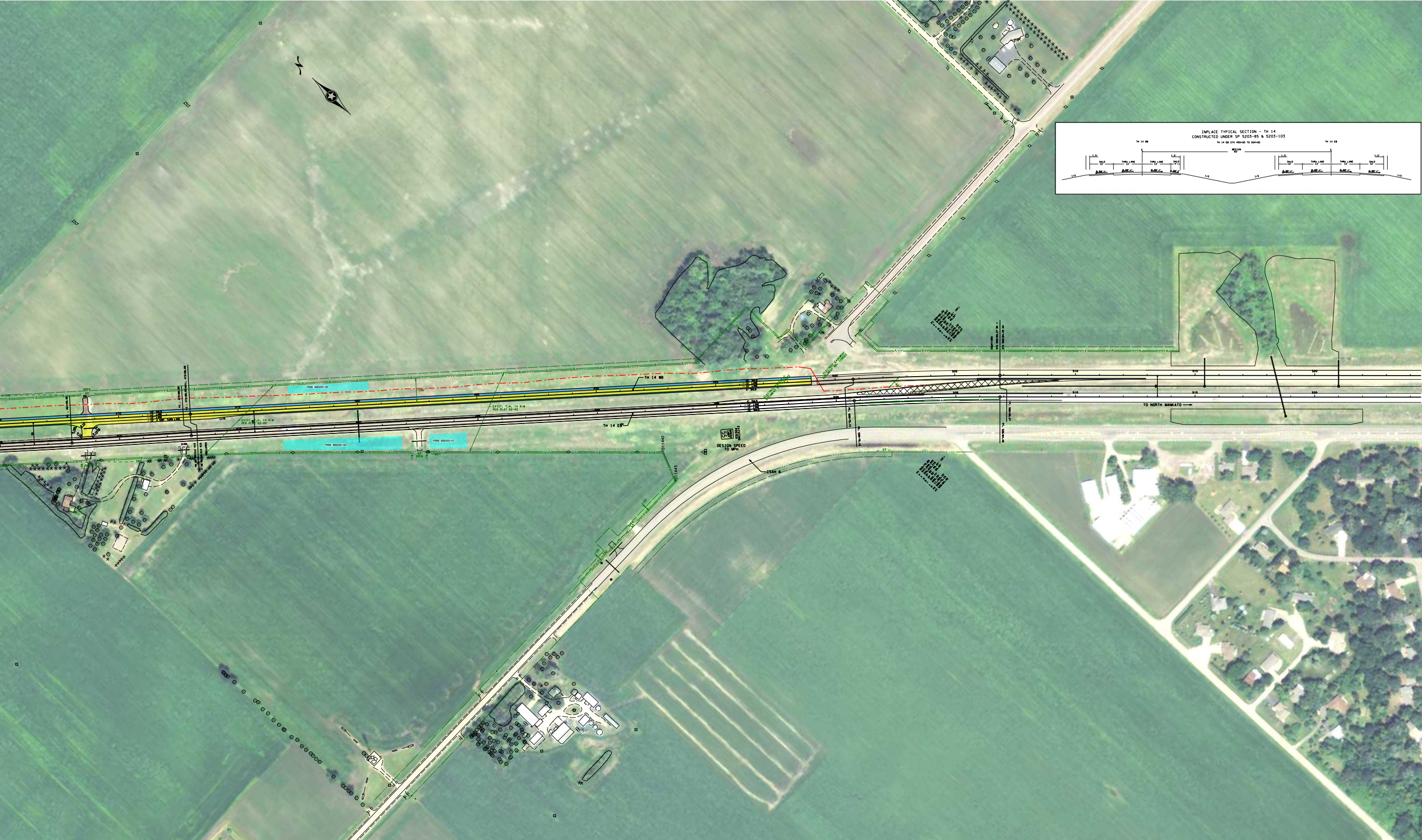

TH 14 WB
TH 14 EB
490TH ST
490TH ST
100
SCALE IN FEET
DESIGN VEHICLE WB-62
435TH AVE
490TH ST
T.E. PAR. 212A
T.E. PAR. 213A
20' T.E. PAR. 212A
20' T.E. PAR. 213A
20' T.E. PAR. 209B
20 T.E. PAR. 210A
301'
POND 005203-24
20 T.E. PAR. 210A
20 T.E. PAR. 210A
20 T.E. PAR. 210A
20' T.E. PAR. 212A
264'
POND 005203-25
20 T.E. PAR. 210A
20' T.E. PAR. 212A
POND 005203-27
20' T.E. PAR. 213A
20' T.E. PAR. 213A
80'
75'
75'
20' T.E. PAR. 209B
20' T.E. PAR. 209B
20 T.E. PAR. 210C
POND 005203-26
T.E. PAR. 210C
20' T.E. PAR. 213A
1:15
1:15


LEGEND
🟨 ROADWAY
🟦 PAVED SHOULDER
▨ GRAVEL RD/AGGREGATE SHOULDER
🟥 RAISED MEDIAN, CURB
🟧 BRIDGE
▨ SHALLOW POND
☒ ROADWAY REMOVAL
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
ACCESS CONTROL
SCALE IN FEET
0
50
100
200
300
400
500
431ST AVE
TH 14 WB
TH 14 EB
431ST AVE
100
SCALE IN FEET
DESIGN VEHICLE WB-62
N
496TH ST
431ST AVE
T.E. PAR. 214C
T.E. PAR. 214B
POND 005203-20
75' T.E. PAR. 214B
20' T.E. PAR. 214A
20' T.E. PAR. 214B
20' T.E. PAR. 214B
20' T.E. PAR. 214B
20' T.E. PAR. 214C
T.E. PAR. 214C
TH 14 WB
TH 14 EB
TH 14
20' T.E. PAR. 213C
20' T.E. PAR. 214A
20' T.E. PAR. 214B
20' T.E. PAR. 214B
20' T.E. PAR. 214B
T.E. PAR. 214B
T.E. PAR. 214C
T.E. PAR. 214C
20' T.E. PAR. 214C
12' R 500' TURN LANE
12' LANE
12' LANE
12' R 500' TURN LANE
PT. 85+14.62
PC. 84+12.51
100'
80'
20'


TH 14 INPLACE TYPICAL
5203-101
TH 14 INPLACE STA 140+00 TO 468+00
47.5'
6'
SHLD
16'
THRU LANE
16'
THRU LANE
9.5'
TURN LANE
1.5"
SHLD PI
0.04 FT/FT
0.015 FT/FT
0.015 FT/FT
0.02 FT/FT
VAR.
VAR.
PROPOSED TYPICAL SECTION - TH 14
TH 14 EB STA 29+42 TO 393+24
TH 14 WB
TH 14 EB
MEDIAN
90'
1.5"
SHLD
10'
THRU LANE
12'
THRU LANE
12'
SHLD
4'
TURN LANE
12'
THRU LANE
12'
THRU LANE
12'
TURN LANE
12'
0.04'/'
0.02'/'
0.02'/'
0.04'/'
0.02'/'
0.02'/'
0.02'/'
0.02'/'
1:5
1:6
4'
1:6
1:5
1:3
6'
TH 14 WB
TH 14 EB
CSAH 25
100
SCALE IN FEET
DESIGN VEHICLE WB-62
CAST IRON MONUMENT
AT QUARTER CORNER
2011 ADT 45
CO RD 25 / 502ND ST
PAR. 214C
TH 14 WB
EB
T.E. PAR. 215
POND 005203-29
256'
20'
100'
DRIVEWAY #1
005203-30
20' T.E. PAR. 217A
20' T.E. PAR. 217A
CSAH 25 EAST ACCESS CLOSED.
ACCESS IS PROVIDED VIA CSAH 17.
20' T.E. PAR. 217A
POND 005203-31
POND 005203-32
T.E. PAR. 218
20 T.E. PAR. 218
2011 ADT 6900
TH 14 WB
80'
75'
75'
TH 14 EB
20' T.E.
PAR. 216
20' T.E. PAR. 217C
20' T.E. PAR. 217D
20' T.E. PAR. 217D
20 T.E. PAR. 217D
20 T.E. PAR. 217F
20' T.E. PAR. 218
CO RD 25 / 502ND ST
6 INCH BY 6 INCH
GRANITE STONE MONUMENT
AT SECTION CORNER


CSAH 17
TH 14 WB
TH 14 EB
100
SCALE IN FEET
CO RD 77
DESIGN VEHICLE WB-62
2011 ADT 220
CO RD 17 / 421ST AVE
COUNTY DITCH 3
20 T.E. PAR. 218
20 T.E. PAR. 219
20' T.E. PAR. 220C
T.E. PAR. 220C
T.E. PAR. 220B
POND 005205-34
272'
TH 14 WB
TH 14 EB
PT. 40+65.47
20 T.E. PAR. 218
20' T.E. PAR. 219
20' T.E. PAR. 219
POND 005205-33
20' T.E. PAR. 220C
T.E. PAR. 220D
T.E. PAR. 221C
CO RD 77
2011 ADT 80


LEGEND
ROADWAY
PAVED SHOULDER
GRAVEL RD/AGGREGATE SHOULDER
RAISED MEDIAN, CURB
BRIDGE
SHALLOW POND
ROADWAY REMOVAL
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
ACCESS CONTROL
SCALE IN FEET
0 50 100 200 300 400 500
510TH ST
TH 14 WB
TH 14 EB
100
SCALE IN FEET
DESIGN VEHICLE WB-62
53' T.E. PAR. 220E
T.E. PAR. 222A
510TH ST
20' T.E. PAR. 222A
20' T.E. PAR. 222A
POND 005203-35
POND 005203-36
365'
PC. 52+71.97
PROPOSED BOX CULVERT
INPLACE BRIDGE NO. 8502
75'
100'
45'
105'
20'
T.E. PAR. 221C
T.E. PAR. 222B
20' T.E. PAR. 222A
20' T.E. PAR. 222A
POND 005203-37
20' T.E. PAR. 223
2011 ADT 9300
20' T.E. PAR. 223
EXIST. T.H. 14 R/W
POND 005205-38
20' T.E. PAR. 222B
20' T.E. PAR. 222B
20' T.E. PAR. 223
80'
75'
75'
EXIST. R/W ACQUISITION LINE
20' T.E. PAR. 223
20' T.E. PAR. 223
ACCESS CONTROL ON PAR. 223
TH 14 WB
TH 14 EB
20' T.E. PAR. 224B
PROPOSED TYPICAL SECTION - TH 14
TH 14 EB STA 400+16 TO STA 499+00
TH 14 WB
TH 14 EB
MEDIAN 95'
SHLD 10'
THRU LANE 12'
THRU LANE 12'
SHLD 4'
TURN LANE 12'
THRU LANE 12'
THRU LANE 12'
TURN LANE 12'
1.5'
0.04'/'
0.02'/'
1:5
8'


INPLACE TYPICAL SECTION - TH 14
CONSTRUCTED UNDER SP 5203-85 & 5203-103
TH 14 WB
TH 14 EB STA 499+00 TO 504+00
TH 14 EB
MEDIAN 90'
1.5'
SHLD 10'
THRU LANE 12'
THRU LANE 12'
SHLD 4'
0.04'/'
0.02'/'
1:5
TH 14 WB
TH 14 EB
POND 085203-39
POND 085203-40
POND 085203-41
EXIST. T.H. 14 R/W PER PLAT 52-49
EXIST. T.H. 14 R/W PER PLAT 52-43
ELECTRIC EASEMENT
OPEN
100'
D11442
D11443
55
DESIGN SPEED 70 MPH
CSAH 6
TO NORTH MANKATO
505
510
515
520