N

STH 11/STH 80

STH 11

CTH W

STH 80

SAMH MISSING

ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

Project Overview

0 25 50

EXHIBIT: X.X

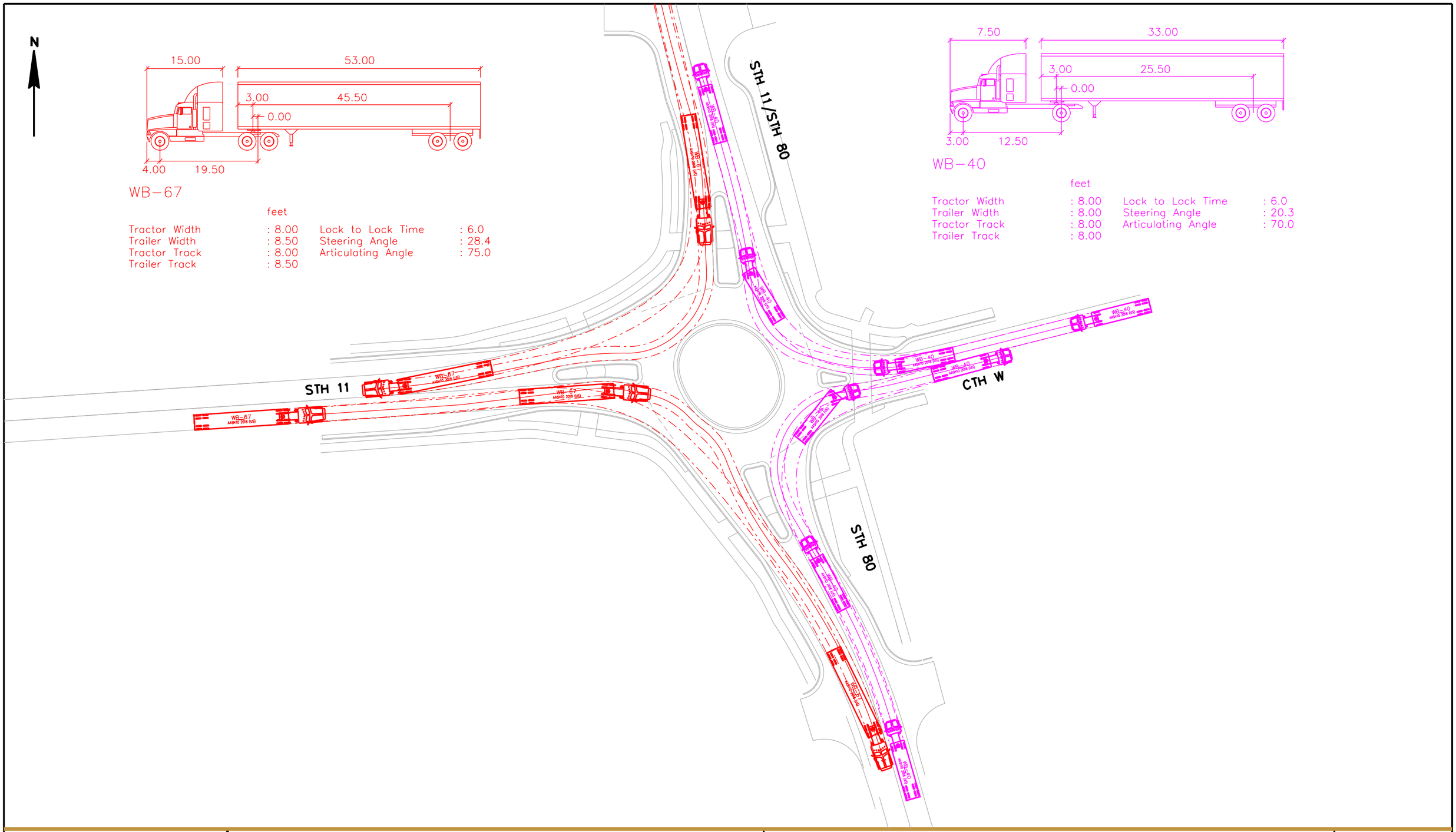
Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

WB–67

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		

WB–40

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 20.3
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.00		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
RIGHT TURNS
DESIGN VEHICLE (WB-67 & WB-40)

0 25 50

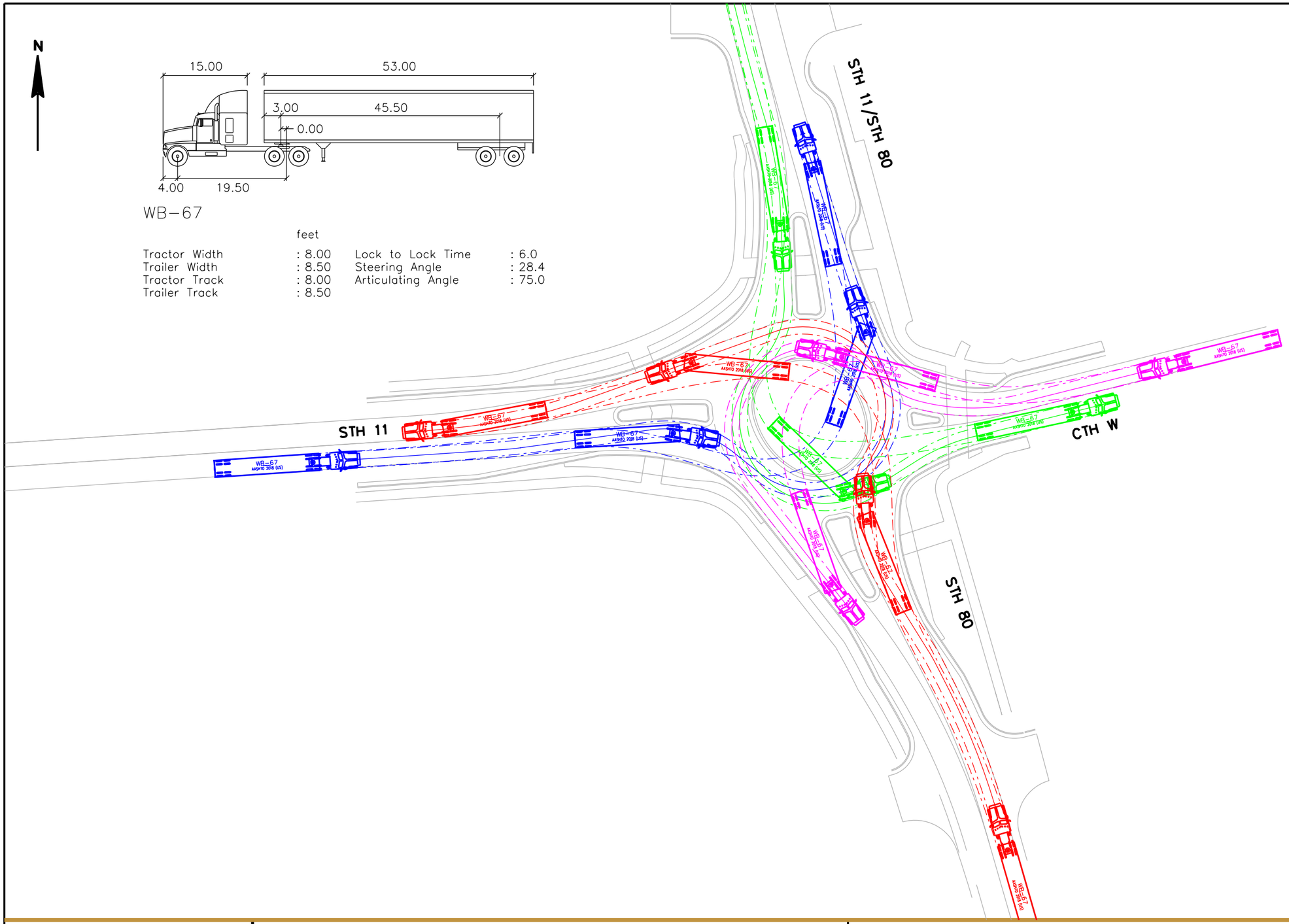
EXHIBIT: 1.3

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

WB–67

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
LEFT TURNS
DESIGN VEHICLE (WB-67)

0 25 50

EXHIBIT: 1.4

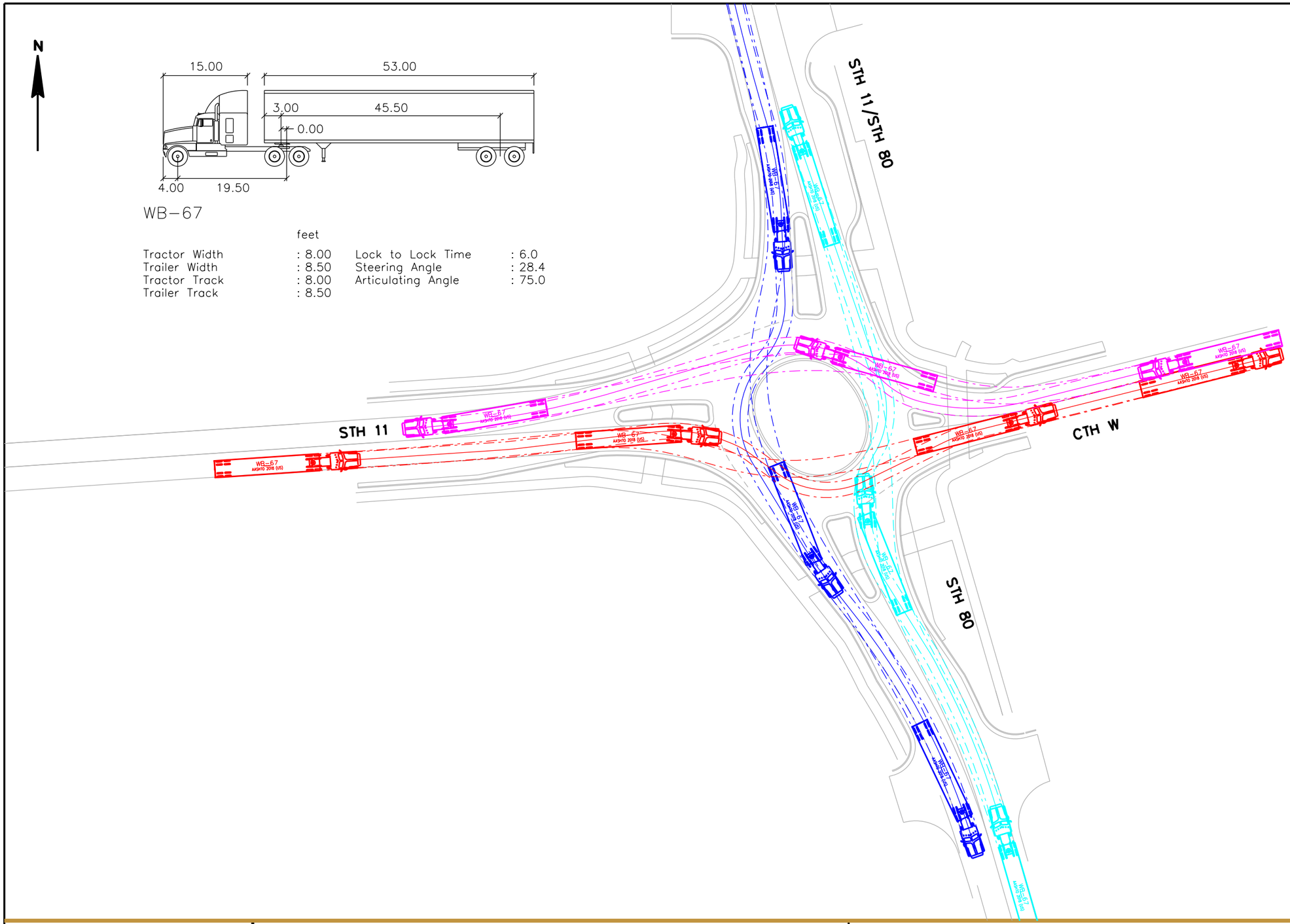
Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N

WB–67

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
THRU MOVEMENTS
DESIGN VEHICLE (WB-67)

0 25 50

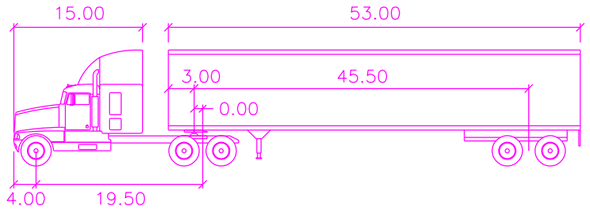
EXHIBIT: 1.5

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

WisDOT WB-92 1

feet

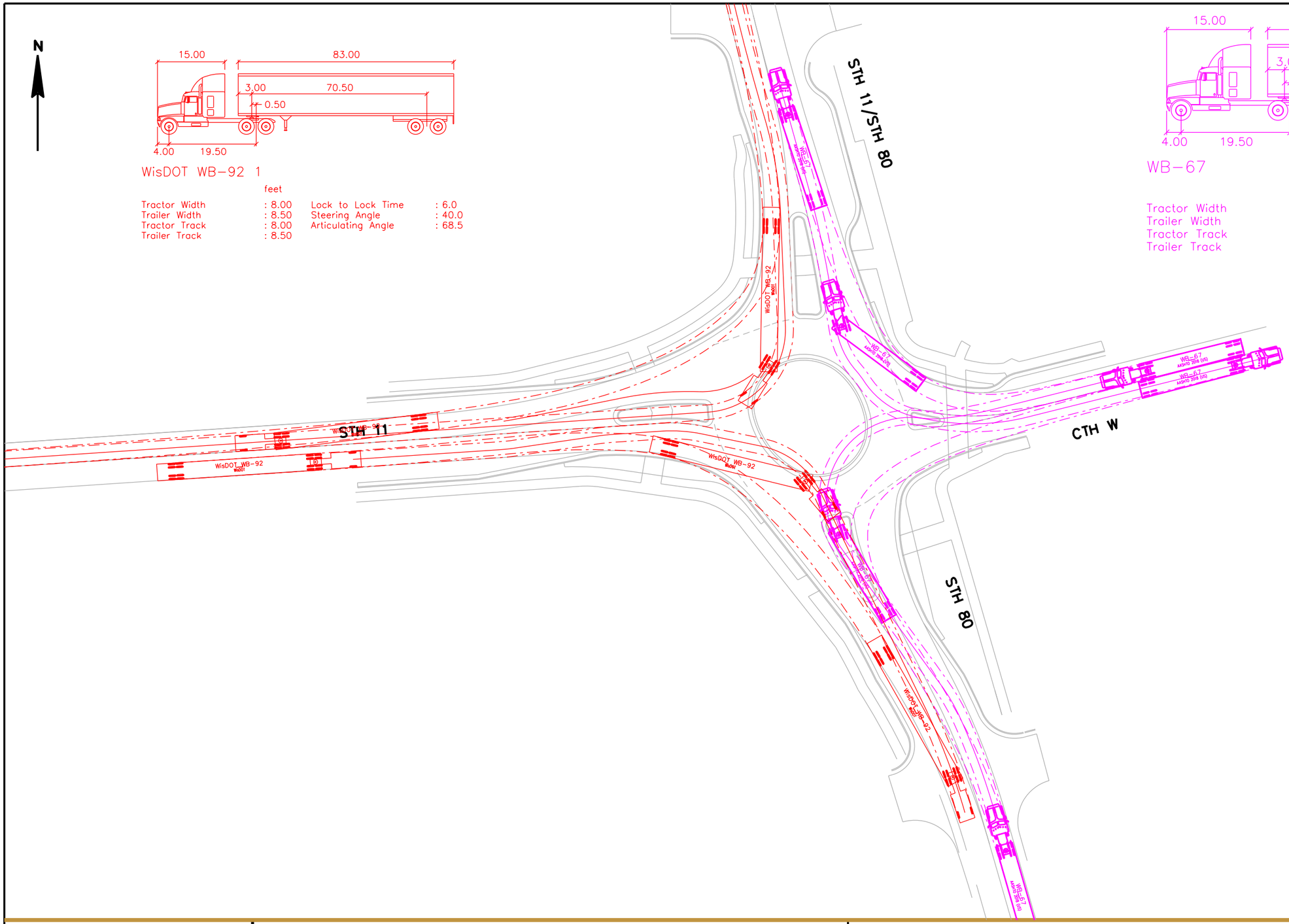
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 40.0
Tractor Track	: 8.00	Articulating Angle	: 68.5
Trailer Track	: 8.50		



WB-67

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
RIGHT TURNS
DESIGN CHECK VEHICLE (WB-92 & WB-67)

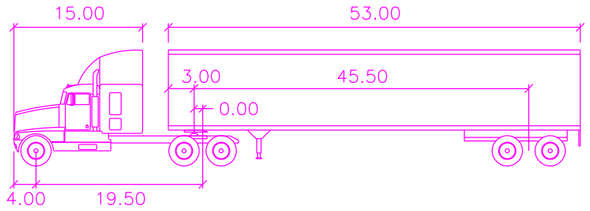
0 25 50

EXHIBIT: 1.6

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

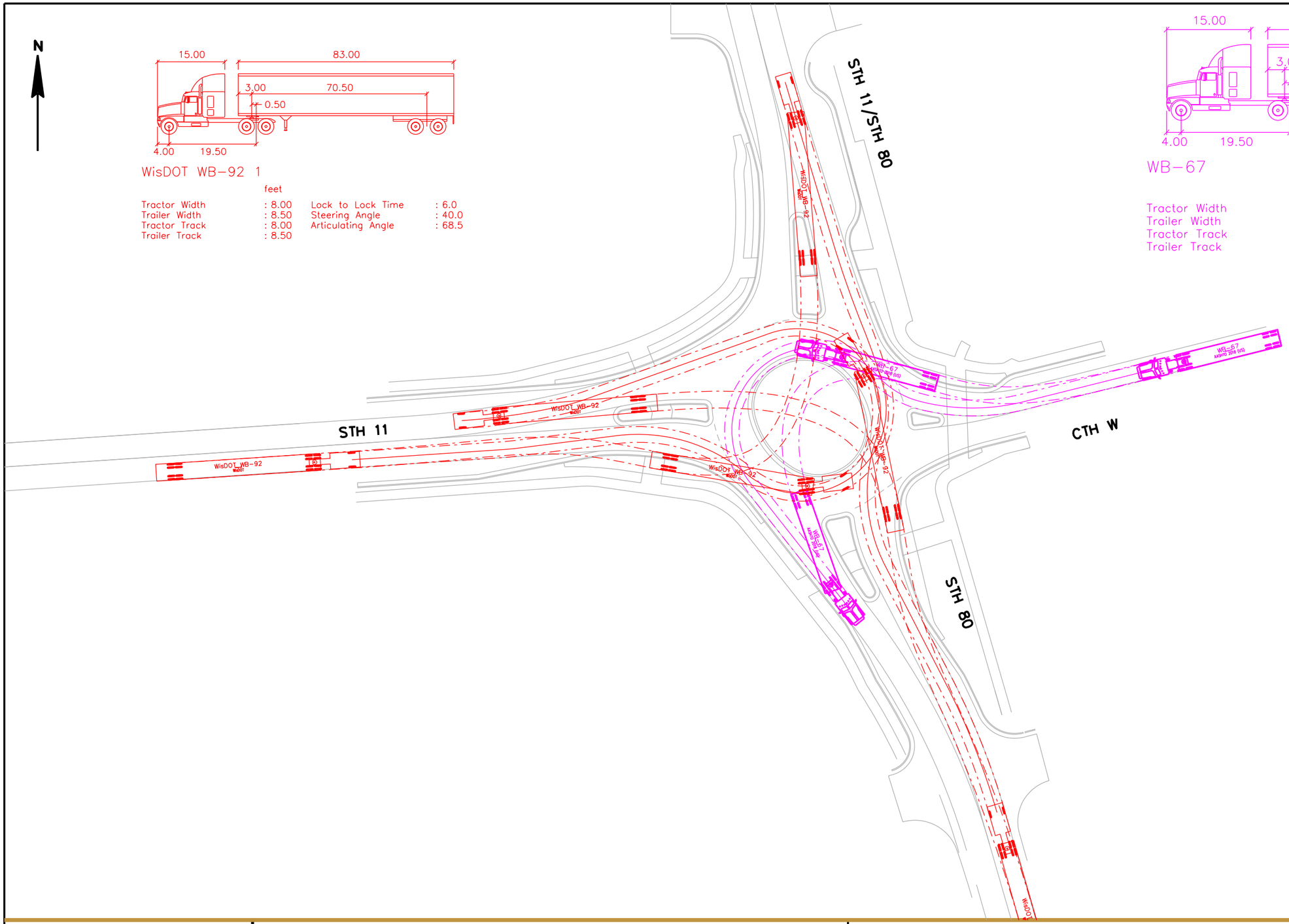
WisDOT WB-92 1

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 40.0
Tractor Track	: 8.00	Articulating Angle	: 68.5
Trailer Track	: 8.50		



WB-67

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
LEFT TURNS
DESIGN CHECK VEHICLE (WB-92 & WB-67)

0 25 50

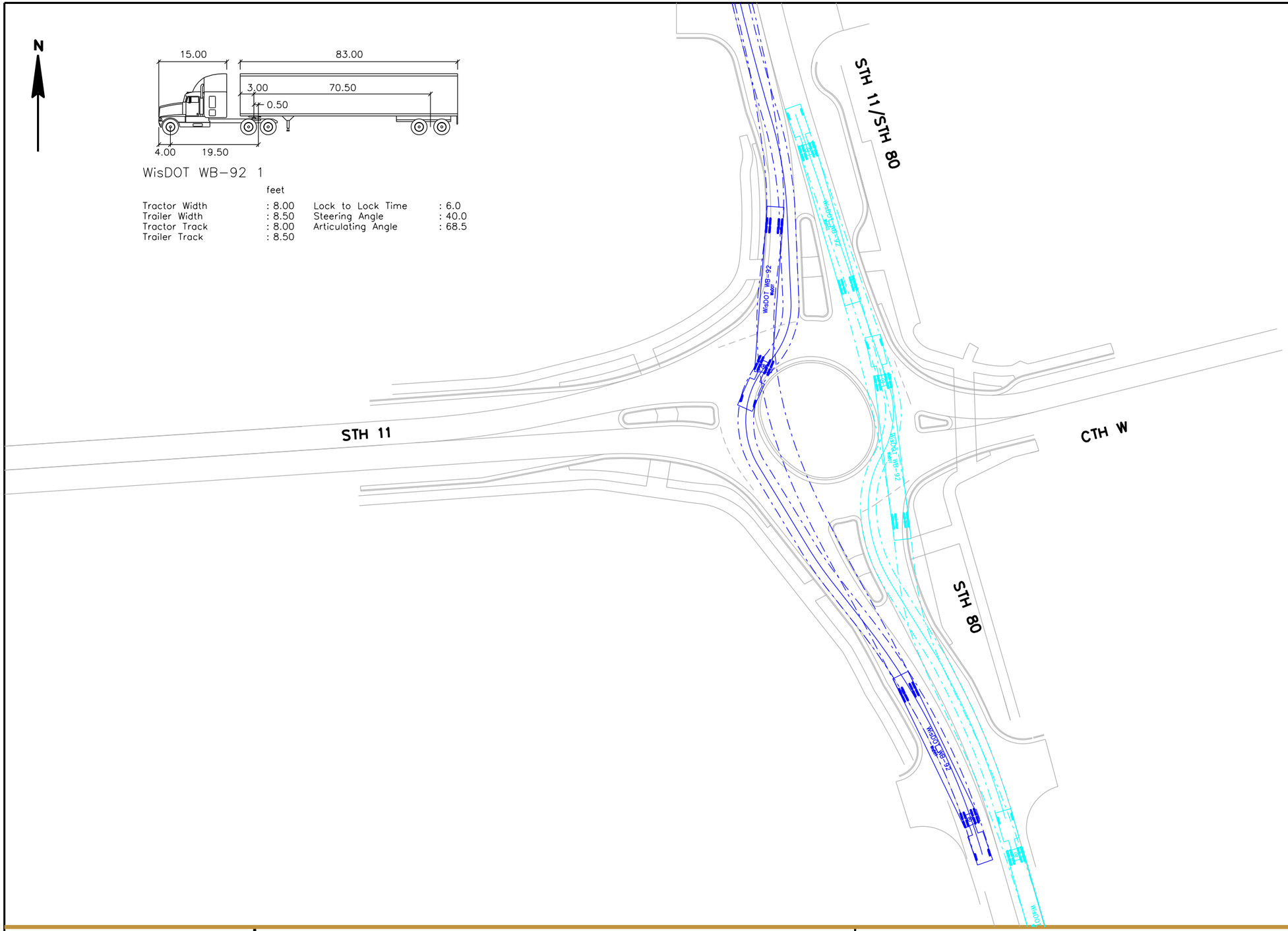
EXHIBIT: 1.7

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

WisDOT WB-92 1

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 40.0
Tractor Track	: 8.00	Articulating Angle	: 68.5
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
THRU MOVEMENTS
DESIGN CHECK VEHICLE (WB-92)

0 25 50

EXHIBIT: 1.8

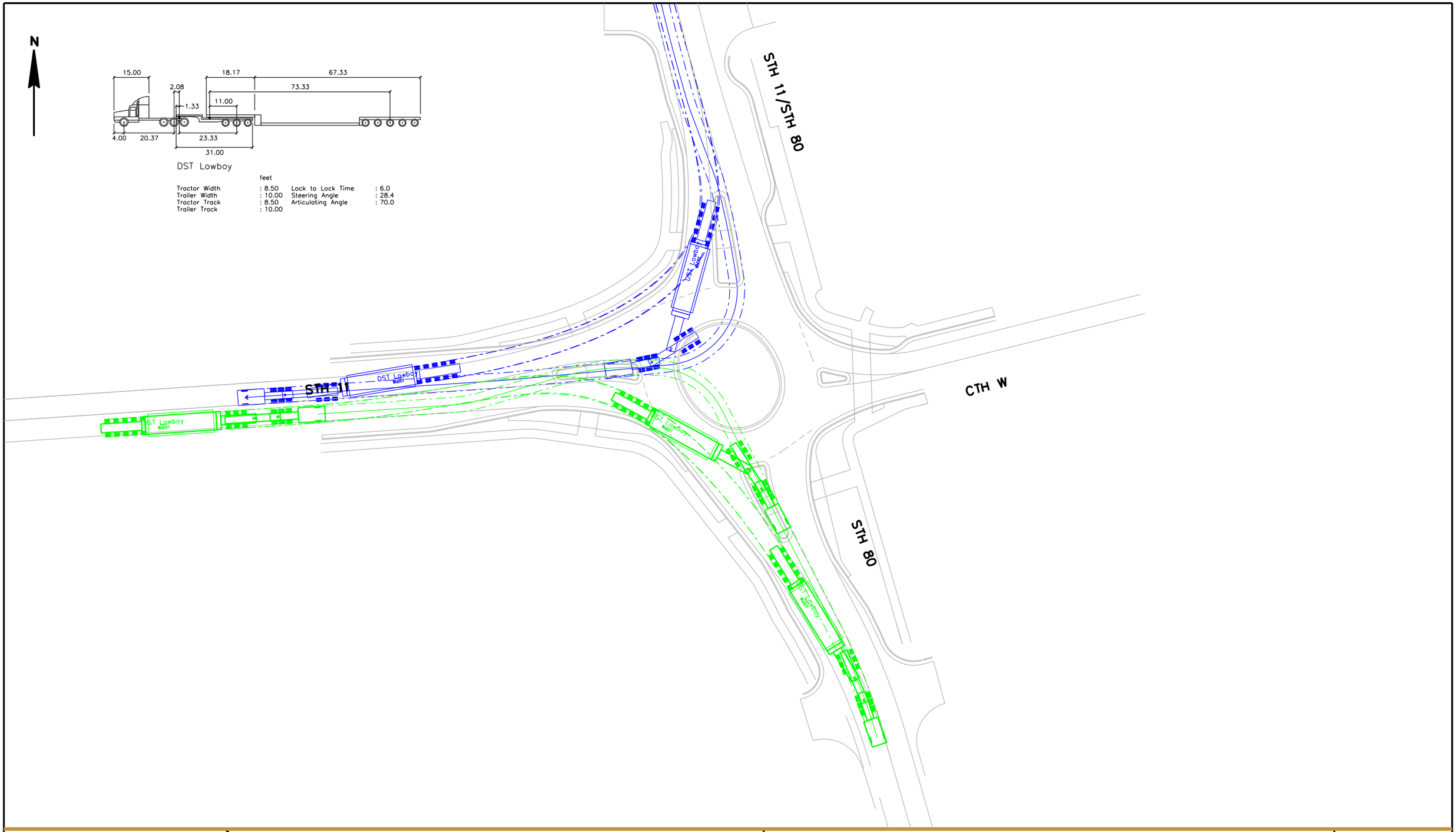
Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N

DST Lowboy

feet

Tractor Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 10.00	Steering Angle	: 28.4
Tractor Track	: 8.50	Articulating Angle	: 70.0
Trailer Track	: 10.00		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

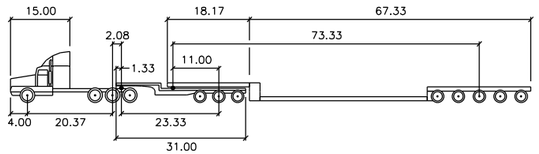
COMPACT ROUNDABOUT
RIGHT TURNS
DESIGN CHECK VEHICLE (DST LOWBOY)

0 25 50

EXHIBIT: 1.9

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N



DST Lowboy

feet

Tractor Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 10.00	Steering Angle	: 28.4
Tractor Track	: 8.50	Articulating Angle	: 70.0
Trailer Track	: 10.00		

STH 11/STH 80

STH 11

CTH W

STH 80

DST Lowboy

DST Lowboy

DST Lowboy

DST Lowboy

DST Lowboy

JT ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
LEFT TURNS
DESIGN CHECK VEHICLE (DST LOWBOY)

0 25 50

EXHIBIT: 1.10

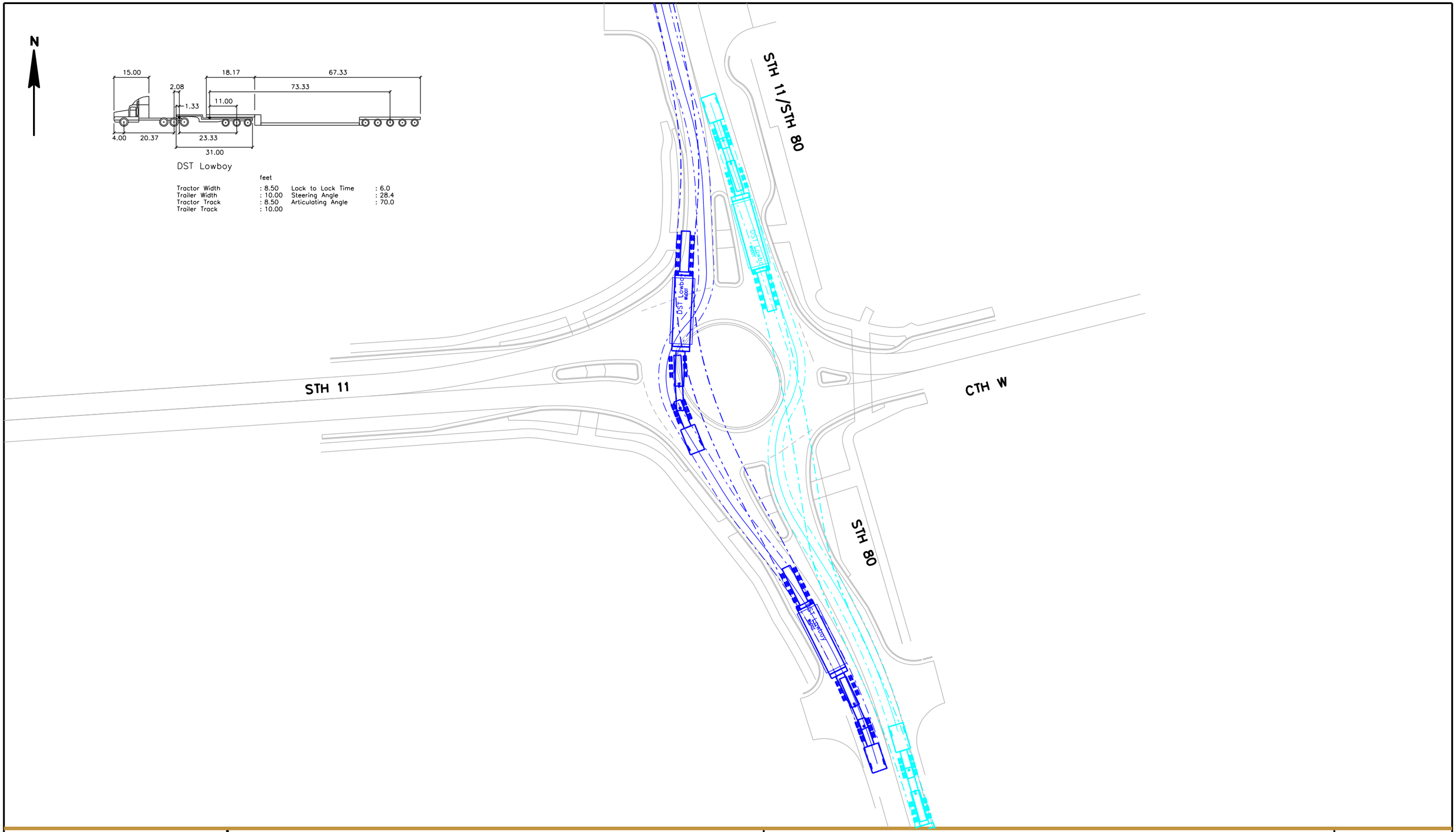
Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N

DST Lowboy

feet

Tractor Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 10.00	Steering Angle	: 28.4
Tractor Track	: 8.50	Articulating Angle	: 70.0
Trailer Track	: 10.00		

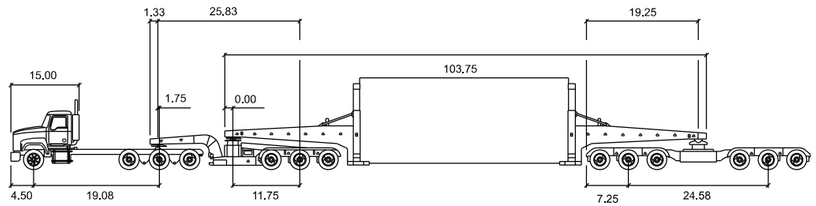


jt ENGINEERING, INC Consultant Services	STH 11/STH 80/CTH W GRANT COUNTY, WISCONSIN	**COMPACT ROUNDABOUT** **THRU Movement** **DESIGN CHECK VEHICLE (DST LOWBOY)**

0 25 50

EXHIBIT: 1.11

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$



160' x 16'

	feet		
First Unit Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 4.00	Steering Angle	: 36.2
First Unit Track	: 8.22	Articulating Angle	: 90.0
Trailer Track	: 8.50		

N

STH 11/STH 80

STH 11

CTH W

STH 80

JT ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

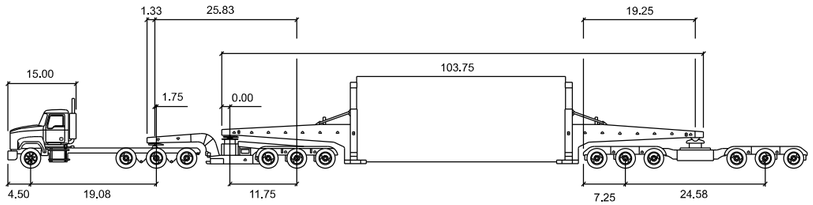
COMPACT ROUNDABOUT
RIGHT TURNS
DESIGN CHECK VEHICLE (160X16)

0 25 50

EXHIBIT: 1.12

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N



160' x 16'

	feet		
First Unit Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 4.00	Steering Angle	: 36.2
First Unit Track	: 8.22	Articulating Angle	: 90.0
Trailer Track	: 8.50		

STH 11/STH 80

STH 11

CTH W

STH 80

ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

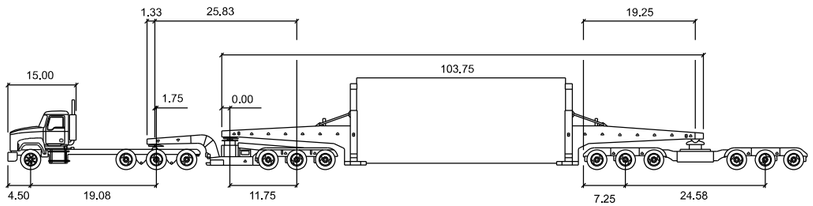
COMPACT ROUNDABOUT
LEFT TURNS
DESIGN CHECK VEHICLE (160X16)

0 25 50

EXHIBIT: 1.13

Plot Date: $$...plottingdate...$$ File Name: $$....designfile....$$

N



160' x 16'

	feet		
First Unit Width	: 8.50	Lock to Lock Time	: 6.0
Trailer Width	: 4.00	Steering Angle	: 36.2
First Unit Track	: 8.22	Articulating Angle	: 90.0
Trailer Track	: 8.50		

STH 11/STH 80

STH 11

CTH W

STH 80

JT ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

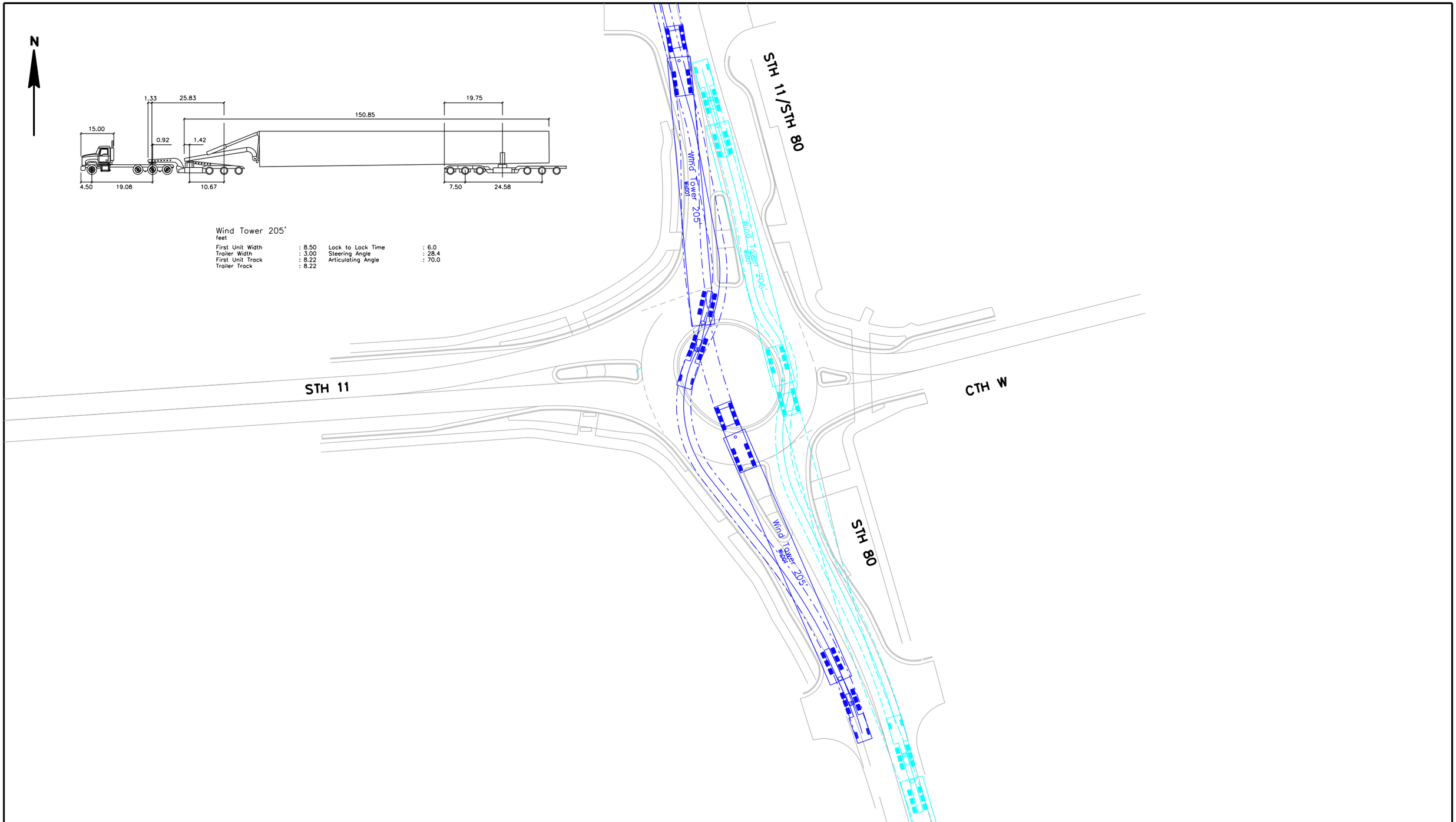
GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
THRU Movements
DESIGN CHECK VEHICLE (160X16)

0 25 50

EXHIBIT: 1.14

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
THRU Movements
DESIGN CHECK VEHICLE (Wind Tower)

0 25 50

EXHIBIT: 1.15

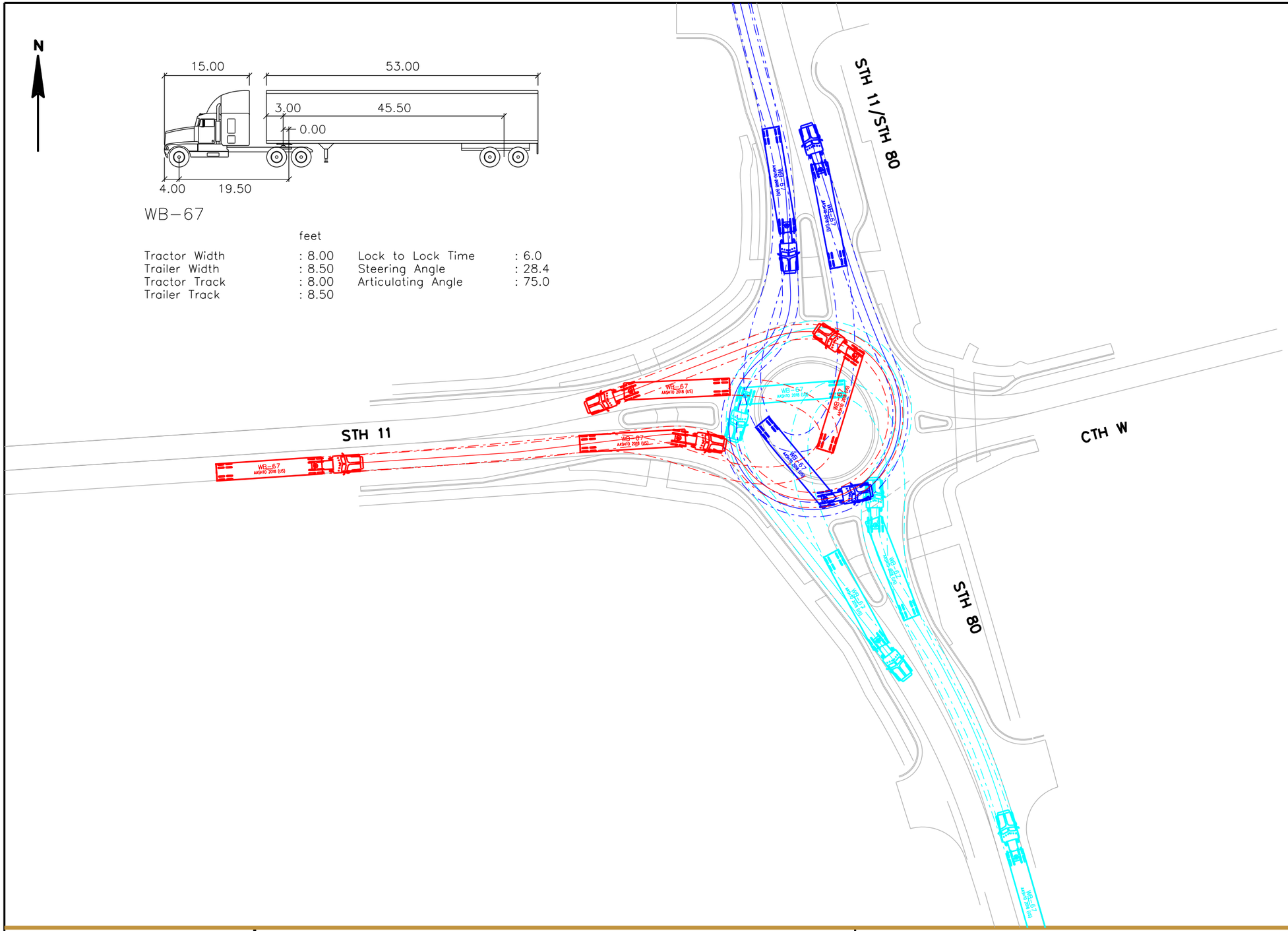
Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$

N

WB–67

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



ENGINEERING, INC
Consultant Services

STH 11/STH 80/CTH W

GRANT COUNTY, WISCONSIN

COMPACT ROUNDABOUT
U TURNS
DESIGN VEHICLE (WB-67)

0 25 50

EXHIBIT: 1.16

Plot Date: $$...plottingdate...$$ File Name: $$...designfile...$$