



INBOUND
LEFT-TURN

PAFFARD ST

CHARLOTTE ST

Pumper Fire Truck
NCHRP REPORT 659 2010 (US)

R12

R12

CP BOX
HP

R9

R 12.00 m

R3

R3.7

R9.7

R17.1

R9

Ex. STONE WALL

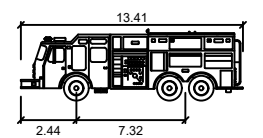


WEATHERSTONE CT

NOTES

1. THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
2. FUNCTIONAL DRAWING BASED ON SCALED AIR PHOTOS
3. IMAGE SOURCE: [HTTPS://NAVIGATOR.NIAGARAREGION.CA/](https://navigator.niagararegion.ca/)

DESIGN VEHICLE:



Pumper Fire Truck

meters

Width : 2.59

Track : 2.59

Lock to Lock Time : 6.0

Steering Angle : 37.8

AUTOTURN ASSESSMENT
 CHARLOTTE ST EMERGENCY ACCESS
 200 JOHN STREET
 TOWN OF NIAGARA-ON-THE-LAKE



PROJECT NO.: 230116

DATE: SEPT 2025

SCALE: 1:1000

DRAWING NO.:

DRAWN: SC

DESIGN: SC

CHECK: AMa

02

NO.	DATE	INITIAL	REVISION DETAIL



INBOUND
STRAIGHT THROUGH

CHARLOTTE ST

€R12

€R12

CP BOX
HP

R9

R3
R3.7
R9.7
R17.1
R9

WEATHERSTONE CT

Ex. STONE WALL

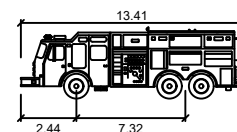


TURNING FIRE TRUCK
REPORT #98-2010 (S)

NOTES

1. THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
2. FUNCTIONAL DRAWING BASED ON SCALED AIR PHOTOS
3. IMAGE SOURCE: [HTTPS://NAVIGATOR.NIAGARAREGION.CA/](https://navigator.niagararegion.ca/)

DESIGN VEHICLE:



Pumper Fire Truck

meters

Width	: 2.59
Track	: 2.59
Lock to Lock Time	: 6.0
Steering Angle	: 37.8

AUTOTURN ASSESSMENT
 CHARLOTTE ST EMERGENCY ACCESS
 200 JOHN STREET
 TOWN OF NIAGARA-ON-THE-LAKE



PROJECT NO.: 230116

DATE: SEPT 2025

SCALE: 1:1000

DRAWING NO.:

DRAWN: SC

DESIGN: SC

CHECK: AMa

03

NO.	DATE	INITIAL	REVISION DETAIL



OUTBOUND
RIGHT-TURN

CHARLOTTE ST

PAFFARD ST

Pumper Fire Truck
NCHRP REPORT 659 2010 (US)

εR12

εR12

CP BOX

HP

R9

R3
R3.7
R9.7
R17.1
R9

R 12.00 m

WEATHERSTONE CT

Ex. STONE WALL

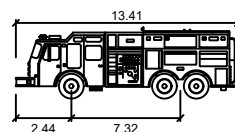


6.0m

NOTES

1. THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
2. FUNCTIONAL DRAWING BASED ON SCALED AIR PHOTOS
3. IMAGE SOURCE: [HTTPS://NAVIGATOR.NIAGARAREGION.CA/](https://navigator.niagararegion.ca/)

DESIGN VEHICLE:



Pumper Fire Truck

meters

Width	: 2.59
Track	: 2.59
Lock to Lock Time	: 6.0
Steering Angle	: 37.8

AUTOTURN ASSESSMENT
 CHARLOTTE ST EMERGENCY ACCESS
 200 JOHN STREET
 TOWN OF NIAGARA-ON-THE-LAKE



PROJECT NO.: 230116

DATE: SEPT 2025

SCALE: 1:1000

DRAWING NO.:

DRAWN: SC

DESIGN: SC

CHECK: AMa

04

NO.	DATE	INITIAL	REVISION DETAIL



OUTBOUND
STRAIGHT THROUGH

CHARLOTTE ST

PAFFARD ST

CP BOX
HP

WEATHERSTONE CT

Pumper Fire Truck
NORISE REPORT 688 2019 (US)

Ex. STONE WALL

R3
R3.7
R9.7
R17.1
R9

R12

R12

R9

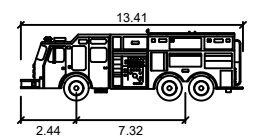
6.0m



NOTES

1. THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
2. FUNCTIONAL DRAWING BASED ON SCALED AIR PHOTOS
3. IMAGE SOURCE: [HTTPS://NAVIGATOR.NIAGARAREGION.CA/](https://navigator.niagararegion.ca/)

DESIGN VEHICLE:



Pumper Fire Truck
meters
Width : 2.59
Track : 2.59
Lock to Lock Time : 6.0
Steering Angle : 37.8

AUTOTURN ASSESSMENT
CHARLOTTE ST EMERGENCY ACCESS
200 JOHN STREET
TOWN OF NIAGARA-ON-THE-LAKE



PROJECT NO.: 230116

DATE: SEPT 2025

SCALE: 1:1000

DRAWING NO.:

DRAWN: SC

DESIGN: SC

CHECK: AMa

06

NO.	DATE	INITIAL	REVISION DETAIL



GEOMETRY ONLY

CHARLOTTE ST

PAFFARD ST

εR12

εR12

CP BOX
HP

R9

R3
R3.7
R9.7
R17.1
R9

WEATHERSTONE CT

Ex. STONE WALL

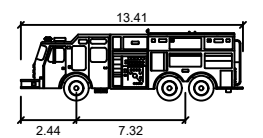
6.0m



NOTES

1. THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
2. FUNCTIONAL DRAWING BASED ON SCALED AIR PHOTOS
3. IMAGE SOURCE: [HTTPS://NAVIGATOR.NIAGARAREGION.CA/](https://navigator.niagararegion.ca/)

DESIGN VEHICLE:



Pumper Fire Truck

meters

Width : 2.59
Track : 2.59
Lock to Lock Time : 6.0
Steering Angle : 37.8

AUTOTURN ASSESSMENT
CHARLOTTE ST EMERGENCY ACCESS
200 JOHN STREET
TOWN OF NIAGARA-ON-THE-LAKE



PROJECT NO.: 230116	DATE: SEPT 2025	SCALE: 1:1000	DRAWING NO.: 06
DRAWN: SC	DESIGN: SC	CHECK: AMa	

NO.	DATE	INITIAL	REVISION DETAIL

