

CROSSOVER EXTENT IS  
 DESIGNED BASED ON THESE  
 MOVEMENTS  
 9m SEMI LEFT TURN ENTRY  
 VIA THE SLOW LANE AND  
 EXIT MOVEMENT USING  
 BOTH WB LANES  
 THESE TWO ENTRY/EXIT  
 MOVEMENTS CAN OCCUR  
 SIMULTANEOUSLY FOR  
 VEHICLES UP TO 9m LONG  
 WITHOUT CROSING WITH  
 ONE ANOTHER



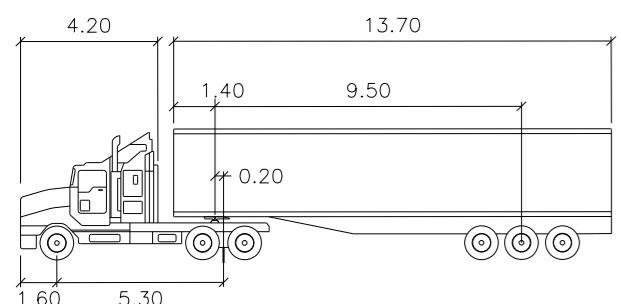
9m SEMI

LEGEND

- FRONT WHEELS
- REAR WHEELS
- VEHICLE BODY
- BODY CLEARANCE

TRAFFIC REF: G36840-01.dgn  
 MODEL REF: TMP6 LAYOUT  
 CHK TURN NO: 13  
 DRAWN BY: S. BIRGANI

VEHICLE USED IN SIMULATION  
 (VEHICLE SPEED - 5km/h)



19m semi (AustRoads)

meters	
Tractor Width	: 2.50
Trailer Width	: 2.50
Document ID: 10035763	
Version: 1	Version Date: 30/04/2026 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 27.8
Articulating Angle	: 70.0



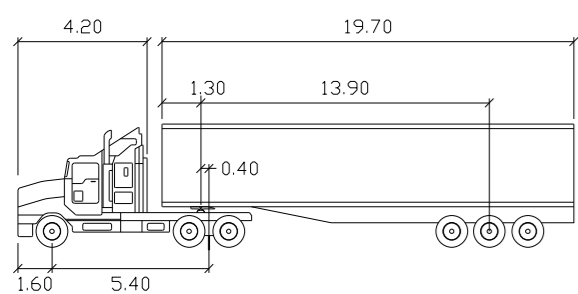
25m SEMI

**LEGEND**

- FRONT WHEELS
- REAR WHEELS
- VEHICLE BODY
- BODY CLEARANCE

TRAFFIC REF: G36840-01.dgn  
 MODEL REF: TMP6 LAYOUT  
 CHK TURN NO: 1  
 DRAWN BY: S. BIRGANI

**VEHICLE USED IN SIMULATION**  
 (VEHICLE SPEED - 5km/h)



25m SEMI (2.5m TRAILER WIDTH)

meters	
Tractor Width	: 2.50
Trailer Width	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 28.3
Articulating Angle	: 75.0
Tractor Wheelbase	: 2.50



25m SEMI USES THE WHOLE WIDTH OF ROAD TO COMPLETE THE TURN

25m SEMI USES THE WHOLE WIDTH OF ROAD TO COMPLETE THE TURN

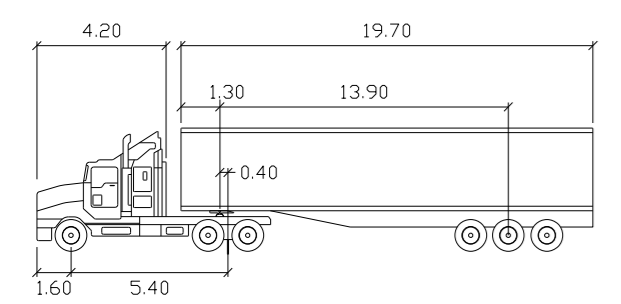
25m SEMI STARTS TURN FROM RIGHT SIDE TO GAIN SUFFICIENT TURNING SPACE

25m SEMI

- LEGEND**
- FRONT WHEELS
  - REAR WHEELS
  - VEHICLE BODY
  - BODY CLEARANCE

TRAFFIC REF: G36840-01.dgn  
 MODEL REF: TMP6 LAYOUT  
 CHK TURN NO: 2  
 DRAWN BY: S. BIRGANI

**VEHICLE USED IN SIMULATION**  
 (VEHICLE SPEED - 5km/h)



25m SEMI (2.5m TRAILER WIDTH)

meters	
Tractor Width	: 2.50
Trailer Width	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 28.3
Articulating Angle	: 75.0
Trailer Height	: 2.50

Doc No: SA 16 10035763  
 Version: 1, Version Date: 30/04/2026