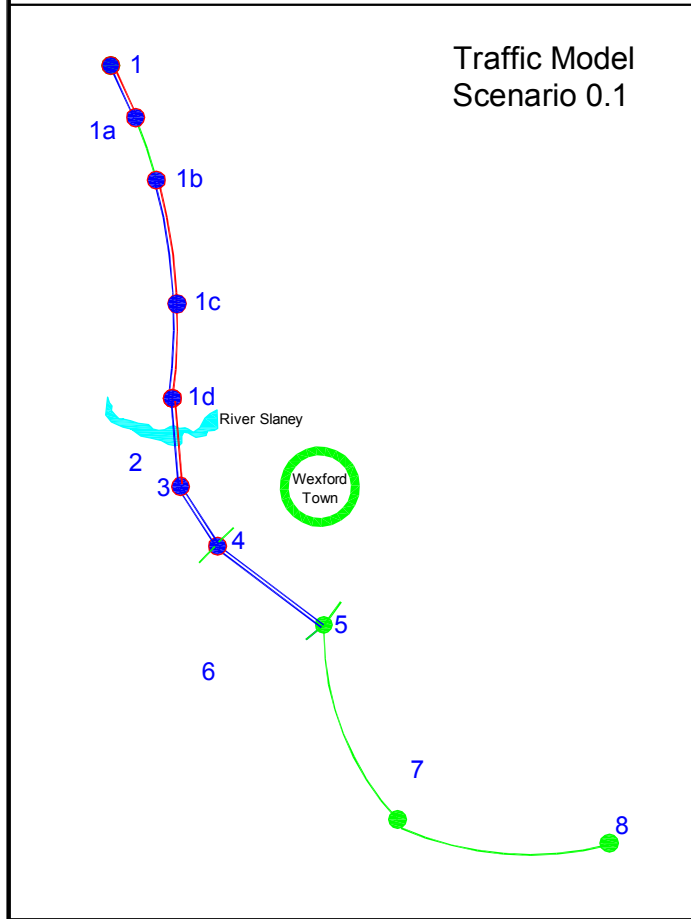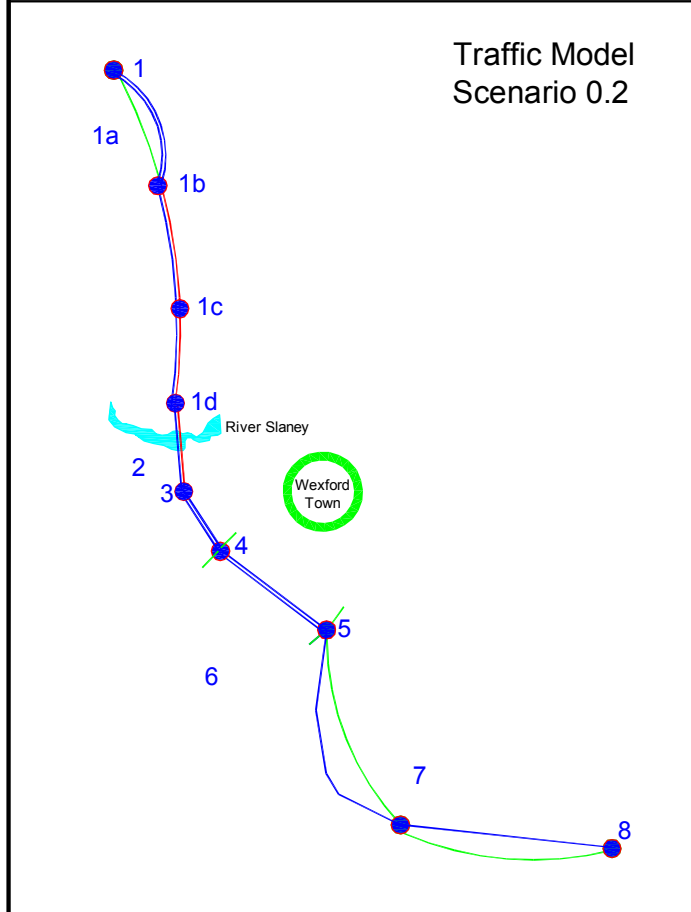## Traffic Model Scenario 0

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
    (1) to (3) Mainline existing Single c/way.
2.
3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
    (3) to (4) Mainline existing Single c/way.
4. At-grade roundabout at existing R733 roundabout, connecting to R733.
    (4) to (5) Mainline existing Single c/way.
5. At-grade roundabout at existing Rosslare Road Roundabout, connecting to existing roads.
    (5) to (7) Mainline existing Single c/way.
6.
7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
    (7) to (8) Mainline existing Single c/way.
8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.
9.

Traffic Model Scenario 0.1

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
    (1) to (1a) Mainline Type 3 dual c/way online.
1a. At-grade roundabout connecting Type 3 dual c/way to existing road through Oilgate Village.
    (1a) to (1b) Mainline existing single c/way.
1b. At-grade roundabout connecting existing road through Oilgate Village to Type 3 dual c/way.
    (1b) to (1c) Mainline Type 3 dual c/way online.
1c. At-grade roundabout connecting existing local roads to Type 3 dual c/way.
    (1c) to (1d) Mainline Type 3 dual c/way online.
1d. At-grade roundabout connecting existing local roads to Type 3 dual c/way.
    (1d) to (3) Mainline Type 3 dual c/way online.
2.
3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
    (3) to (4) Mainline Type 2 dual c/way online.
4. At-grade roundabout at existing R733 roundabout, connecting to R733.
    (4) to (5) Mainlin Type 2 dual c/way online.
5. At-grade roundabout at existing Rosslare Road Roundabout, connecting to existing road.
    (5) to (7) Existing N25.
6.
7. Existing Ashfield Cross Roundabout, connecting to existing roads.
    (7) to (8) Existing N25.
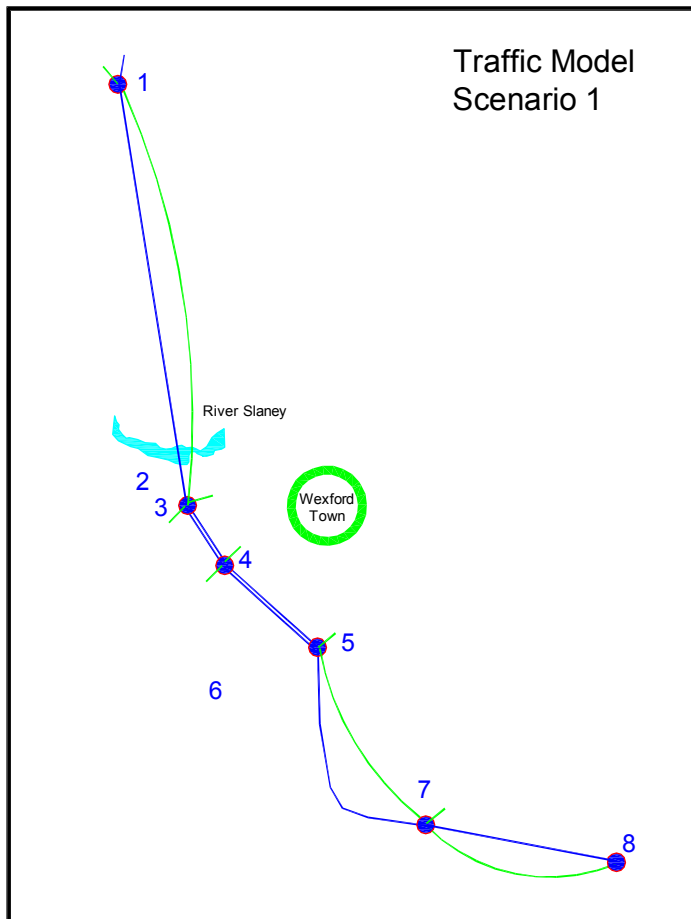8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Traffic Model Scenario 0.2

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
    (1) to (1b) Mainline Type 2 dual c/way offline.
1a.
1b. Left-in left-out junction connecting existing road through Oilgate Village to Type 3 dual c/way.
    (1b) to (1c) Mainline Type 3 dual c/way online.
1c. At-grade roundabout connecting existing local roads to Type 3 dual c/way.
    (1c) to (1d) Mainline Type 3 dual c/way online.
1d. At-grade roundabout connecting existing local roads to Type 3 dual c/way.
    (1d) to (3) Mainline Type 3 dual c/way online.
2.
3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
    (3) to (4) Mainline Type 2 dual c/way online.
4. At-grade roundabout at existing R733 roundabout, connecting to R733.
    (4) to (5) Mainlin Type 2 dual c/way online.
5. At-grade roundabout west of existing Rosslare Road Roundabout, connecting to existing road via existing Rosslare Road Roundabout.
    (5) to (7) Mainline Single c/way offline.
6.
7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
    (7) to (8) Mainline Single c/way offline.
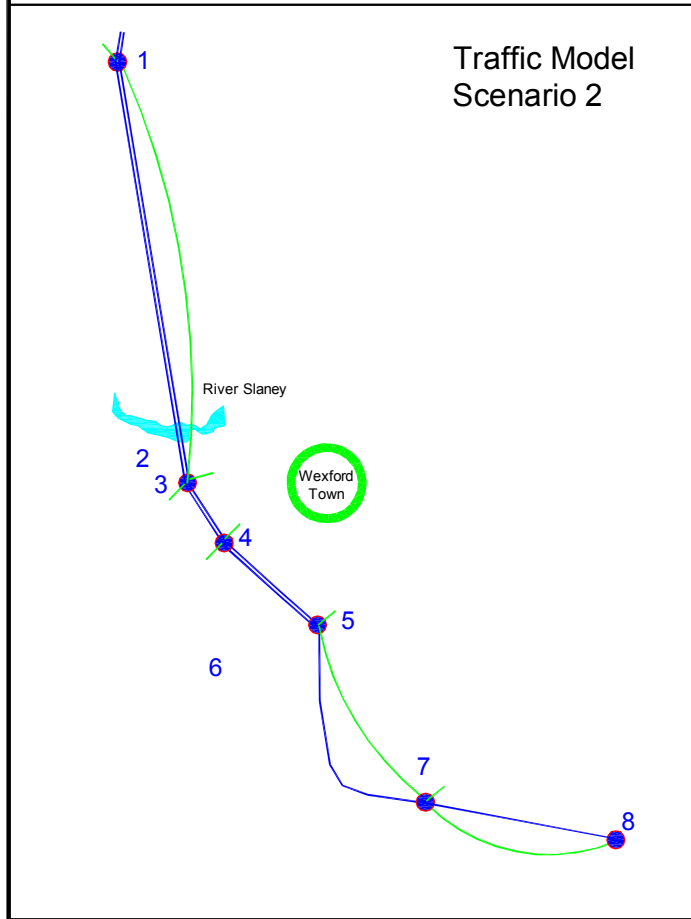8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Legend

━ Mainline - Type 2 Dual	━ Mainline - Single c/way	━ Parallel road - Single c/way	━ Existing Road Connection
● At-grade	━ Mainline - Type 3		

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N11/N25 Oilgate to Rosslare Harbour
Route Selection Report

Fig. 8.3.1(a)
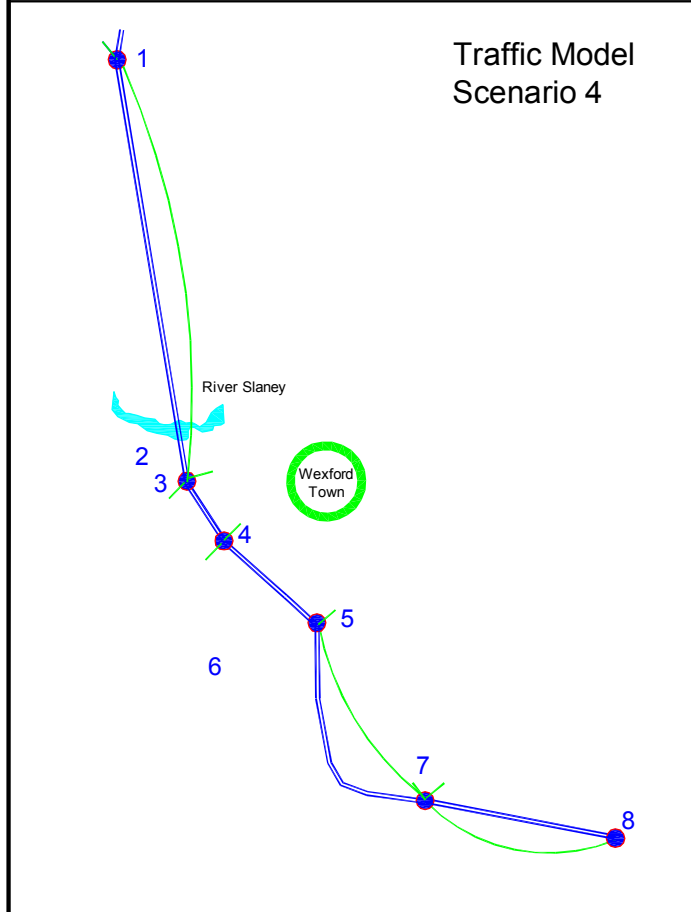Traffic Model Scenarios
(Sheet 1 of 4)

Traffic Model Scenario 1

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
   (1) to (3) Mainline Single c/way offline.

2.

3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
   (3) to (4) Mainline Type 2 dual c/way online.

4. At-grade roundabout at existing R733 roundabout, connecting to R733.
   (4) to (5) Mainlin Type 2 dual c/way online.

5. At-grade roundabout south of existing Rosslare Road Roundabout, connecting to existing road via existing Rosslare Road Roundabout.
   (5) to (7) Mainline Single c/way offline.

6.

7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
   (7) to (8) Mainline Single c/way offline.

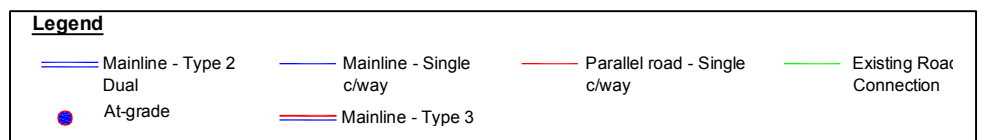8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Traffic Model Scenario 2

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
   (1) to (3) Mainline Type 2 dual c/way both online and offline. Parallel connector road single c/way where mainline online.

2.

3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
   (3) to (4) Mainline Type 2 dual c/way online.

4. At-grade roundabout at existing R733 roundabout, connecting to R733.
   (4) to (5) Mainlin Type 2 dual c/way online.

5. At-grade roundabout south of existing Rosslare Road Roundabout, connecting to existing road via existing Rosslare Road Roundabout.
   (5) to (7) Mainline Single c/way offline.

6.

7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
   (7) to (8) Mainline Single c/way offline.

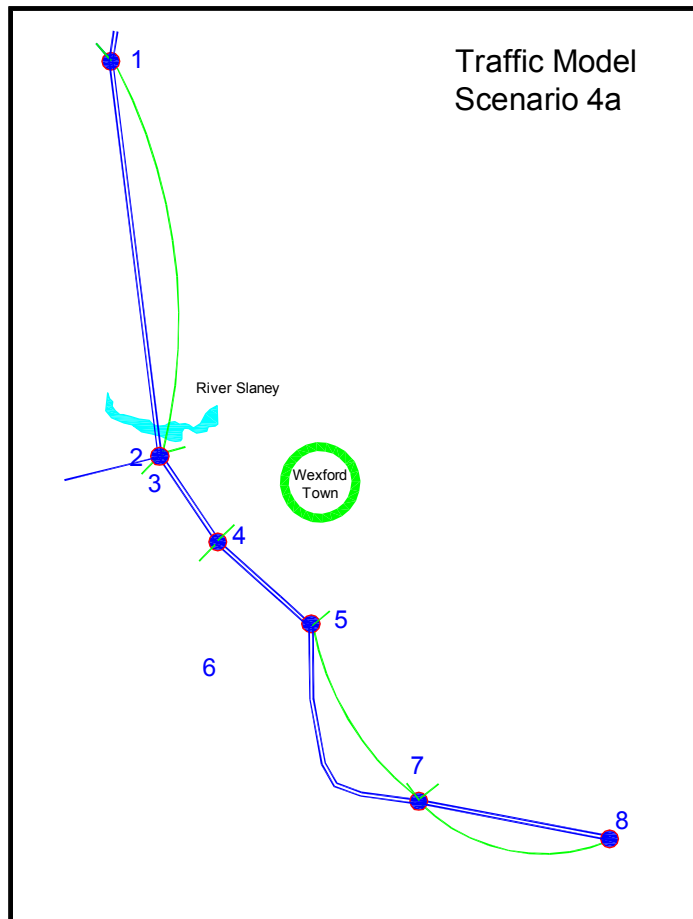8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Traffic Model Scenario 4

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
   (1) to (3) Mainline Type 2 dual c/way both online and offline. Parallel connector road single c/way where mainline online.

2.

3. At-grade roundabout at existing N11/N25 roundabout, connecting to existing N25, existing N11 and local roads.
   (3) to (4) Mainline Type 2 dual c/way online.

4. At-grade roundabout at existing R733 roundabout, connecting to R733.
   (4) to (5) Mainline Type 2 dual c/way online.

5. At-grade roundabout south of existing Rosslare Road Roundabout, connecting to existing road via existing Rosslare Road Roundabout.
   (5) to (7) Mainline Type 2 dual c/way offline.

6.

7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
   (7) to (8) Mainline Type 2 dual c/way offline.

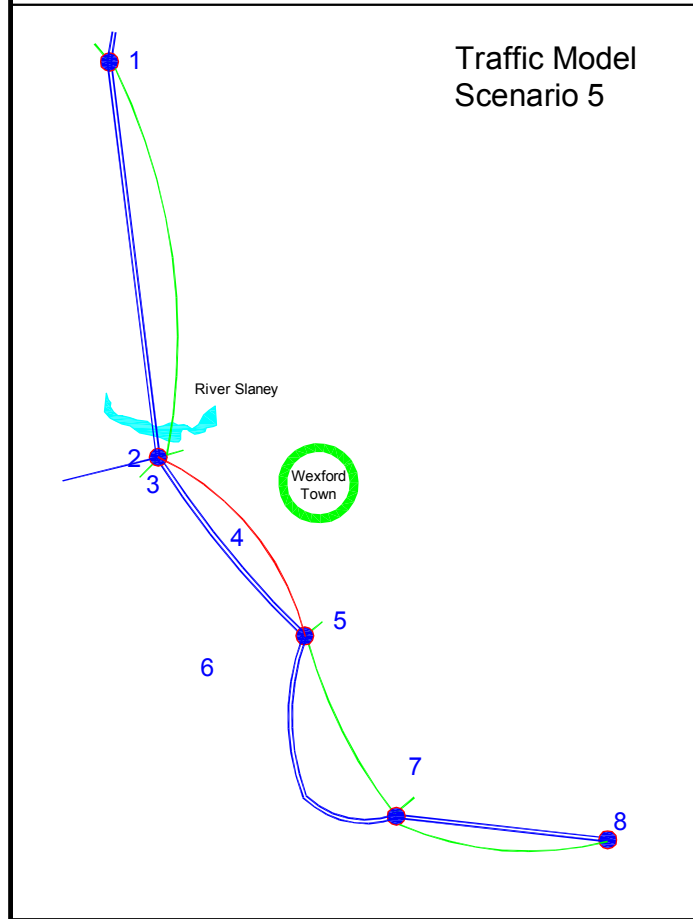8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Legend

Mainline - Type 2 Dual	Mainline - Single c/way	Parallel road - Single c/way	Existing Road Connection
At-grade	Mainline - Type 3		

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**N11/N25 Oilgate to Rosslare Harbour
Route Selection Report**

Fig. 8.3.1(b)
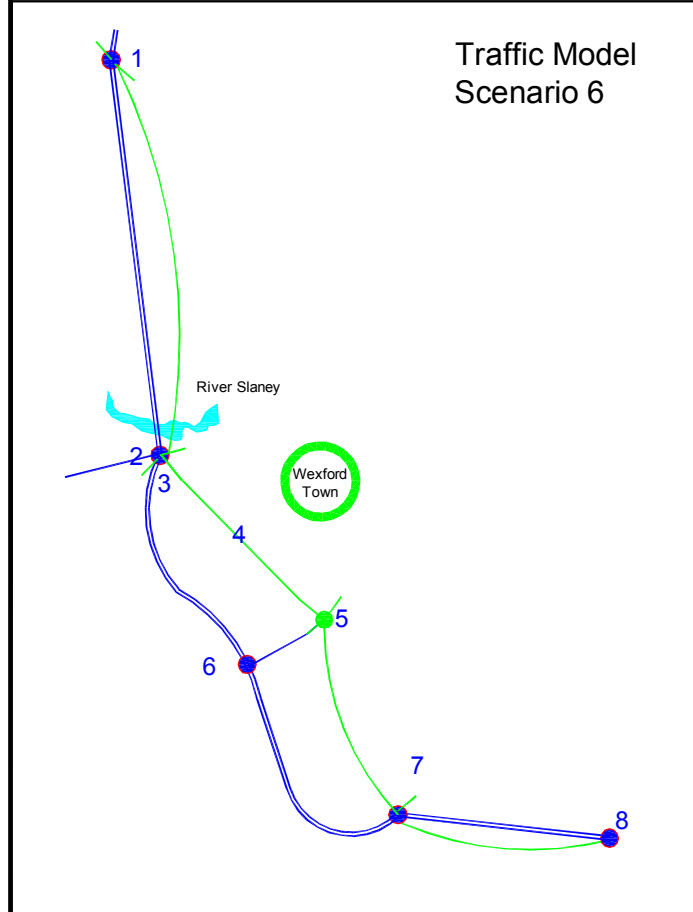Traffic Model Scenarios
(Sheet 2 of 4)

Traffic Model Scenario 4a

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, and existing N11.
   (1) to (2) Mainline Type 2 dual c/way both online and offline. Parallel connector road single c/way where mainline online.
2. At grade-roundabout connecting N25 Barntown Bypass to N11. Also connection to the New Ross Road Roundabout..
   (2) to (4) Mainline Type 2 dual c/way online.
3.
4. At-grade roundabout at existing R733 roundabout, connecting to R733.
   (4) to (5) Mainline Type 2 dual c/way online.
5. At-grade roundabout south of existing Rosslare Road Roundabout, connecting to existing road via existing Rosslare Road Roundabout.
   (5) to (7) Mainline Type 2 dual c/way offline.
6.
7. At-grade roundabout at existing Ashfield Cross Roundabout, connecting to existing roads.
   (7) to (8) Mainline Type 2 dual c/way offline.
8. At-grade roundabout connecting into existing N25 at Rosslare Harbour.

Traffic Model Scenario 5

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, existing N11 and local roads.
   (1) to (2) Mainline Type 2 dual c/way offline.
2. At grade-roundabout connecting N25 Barntown Bypass to N11. Also connections to local roads to Wexford Town and Barntown and the existing N11.
   (2) to (5) Mainline Type 2 dual c/way online. Parallel connector road single c/way.
3.
4.
5. At-grade roundabout connecting the mainline to the existing N25 and R730.
   (5) to (7) Mainline Type 2 dual c/way offline.
6.
7. At-grade roundabout connecting the mainline to the existing N25 and R740.
   (7) to (8) Mainline Type 2 dual c/way offline.
8. At-grade roundabout connecting into N25 at Rosslare Harbour.

Traffic Model Scenario 6

1. At-grade roundabout connecting to M11 Gorey to Enniscorthy Scheme, existing N11 and local roads.
   (1) to (2) Mainline Type 2 dual c/way offline.
2. At grade-roundabout connecting N25 Barntown Bypass to N11. Also connections to local roads to Wexford Town and Barntown and the existing N11.
   (2) to (6) Mainline Type 2 dual c/way offline.
3.
4.
5. Connection from at-grade roundabout (6) to existing Rosslare Road roundabout and connections to existing N25 and R730.
6. At-grade roundabout connecting the mainline to the existing N25 and R730.
   (6) to (7) Mainline Type 2 dual c/way offline. Single c/way connection from this at-grade roundabout to the existing Rosslare Road Roundabout (5).
7. At-grade roundabout connecting the mainline to the existing N25 and R740.
   (7) to (8) Mainline Type 2 dual c/way offline.
8. At-grade roundabout connecting into N25 at Rosslare Harbour.
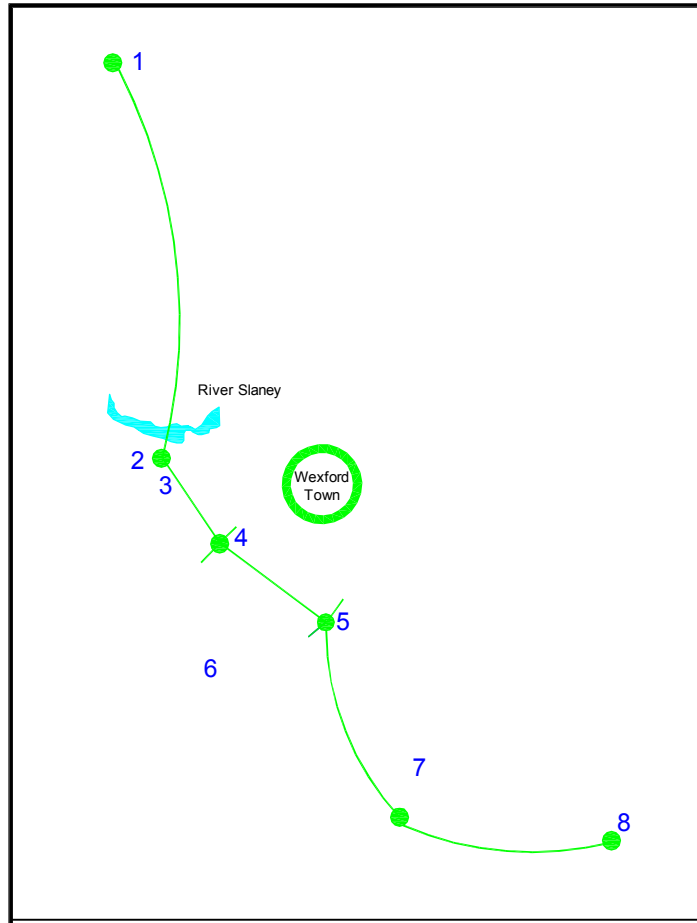
Legend

Mainline - Type 2 Dual	Mainline - Single c/way	Parallel road - Single c/way	Existing Road Connection
At-grade	Mainline - Type 3		

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N11/N25 Oilgate to Rosslare Harbour
Route Selection Report

Fig. 8.3.1(c)
Traffic Model Scenarios
(Sheet 3 of 4)

Summary of Carriageway Types for Traffic Model Scenarios

Traffic Model Scenario	Oilgate to N11/N25	N11/N25 to N25/R730		N25/R730 to Rosslare Harbour	
0	1 to 3 S2 (existing)	3 to 4 S2 (existing)	4 to 5 S2 (existing)	5 to 7 S2 (existing)	7 to 8 S2 (existing)
0.1	1 to 3 T3DC (online)	3 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 S2 (existing)	7 to 8 S2 (existing)
0.2	1 to 3 T2DC (offline) T3DC (online)	3 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 S2 (offline)	7 to 8 S2 (offline)
1	1 to 3 S2 (offline)	3 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 S2 (offline)	7 to 8 S2 (offline)
2	1 to 3 T2DC (online/offline)	3 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 S2 (offline)	7 to 8 S2 (offline)
4	1 to 3 T2DC (online/offline)	3 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 T2DC (offline)	7 to 8 T2DC (offline)
4a	1 to 2 T2DC (online/offline)	2 to 4 T2DC (online)	4 to 5 T2DC (online)	5 to 7 T2DC (offline)	7 to 8 T2DC (offline)
5	1 to 2 T2DC (offline)	2 to 5 T2DC (online)		5 to 7 T2DC (offline)	7 to 8 T2DC (offline)
6	1 to 2 T2DC (offline)	2 to 6 T2DC (offline)		6 to 7 T2DC (offline)	7 to 8 T2DC (offline)

River Slaney

Wexford Town

T2DC - Type 2 Dual C/way   T3DC - Type 3 Dual C/way

Legend

Mainline - Type 2 Dual
At-grade
Mainline - Single c/way
Mainline - Type 3
Parallel road - Single c/way
Existing Road Connection

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N11/N25 Oilgate to Rosslare Harbour
Route Selection Report

Fig. 8.3.1(d)
Traffic Model Scenarios
(Sheet 4 of 4)