



SCHEDULE 1

**Railway works and works authorised
by this Order.**

1 FIRST SCHEDULE

Railway works and works authorised by this Order

Glounthaune to Middleton Twin Track project will involve the upgrade and enhancement of the Glounthaune to Middleton line to a twin track configuration over a total distance of approximately 10km. The proposed Project comprises the following principal elements;

- Twin tracking of the single-track sections between Glounthaune and Middleton totalling a distance of approximately 10km;
- Reconfiguration of the operational track layouts, as required;
- Removal of 1No. bridge (OBV08, Ballyadam House overbridge) and widening of bridge deck crossing the Owenacurra River (UBY11);
- Extinguishment of one level crossing (Ford CCTV XY010) and widening of one level crossing (Water-Rock CCTV XY009);
- Provision of sidings/turn back facility at Middleton Station, as required;
- Provision of new cable containment routes from Glounthaune to Middleton to facilitate signalling upgrades and alterations;
- Associated signalling upgrades and alterations; and,
- All associated works (temporary construction compounds, drainage, retaining walls, boundary treatments, etc.).

1.1 Reconfiguration of Operational Track Layouts

Works No.	Description	Drawing No.
1.1.1	Construction of a second track at 2 no. locations along the route, from Glounthaune/Cobh points to 200m prior to Carrigtwohill Station (approximately 3km) and from approximately 400m prior to Ballyadam bridge (OBY7) to approximately 200m after the Owenacurra River Bridge (UBY11).	PW-0001 to PW-0010, PW-0015 to PW-0028
1.1.2	Modification to the existing single line where required to facilitate the installation of the second line within the rail corridor.	PW-0001 to PW-0010, PW-0015 to PW-0028
1.1.3	Modifications to localised property boundaries in locations where the full typical cross section cannot be accommodated within the existing rail corridor including the construction of sheet pile, gabion and reinforced concrete retaining walls.	PW-0001 to PW-0010, PW-0015 to PW-0028
1.1.4	The construction of 5 no. temporary compounds for the duration of the works at Glounthaune, Kiliacloyne, Ballyadam and Knockgriffin (2 no.)	PW-2201 to PR-2205
1.1.5	Re-use and relocation of existing drainage system along the track.	



Works No.	Description	Drawing No.
1.1.6	Provision of new cable containment, where existing cable containment troughs are impacted by the proposed works.	
1.1.7	Signalling upgrades along the full extent of the route	
1.1.8	Signage and all other ancillary works.	
1.1.9	Installation of new fencing along rail boundary, boundary treatment and temporary works areas for these works.	
1.1.10	Provide traffic management measures as required in the vicinity of the construction sites.	

1.2 Addition of Sidings/Turn Back Facilities at Middleton

Works No.	Description	Drawing No.
1.2.1	Construction of new siding at Middleton station to the north of the existing siding location including approximately 300m of additional trackwork.	PW-0027 to PW-0028
1.2.2	Installation of new set of points and modifications to existing trackwork to accommodate crossover rail traffic.	PW-0027 to PW-0028
1.2.3	Signage and all other ancillary works.	
1.2.4	Installation of new fencing along rail boundary and temporary works areas for these works.	
1.2.5	Provide traffic management measures as required in the vicinity of the construction sites.	

1.3 Modification/replacement of Bridges and Level Crossings

Works No.	Description	Drawing No.
1.3.1	Removal of existing disused accommodation overbridge OBY8 at Ballyadam House comprising bridge deck, parapets abutments and wingwalls.	SE-0180
1.3.2	Widening of Water-Rock level crossing including the relocation of the south side barrier and associated signalling infrastructure.	PW-2302
1.3.3	Removal of existing disused Ford level crossing infrastructure comprising level crossing gates and all ancillary works in relation to the extinguishment of the private access road across the level crossing.	PW-2301
1.3.4	Construction of new 2.4m high wall, piers, plastered and capped as CC-SCD-02401 tying in to existing 1.4m high timber post and fence to north side of crossing. Construction of new 2.4m high wall, piers, plastered and capped as	PW-2301

Works No. **Description**

Drawing No.

CC-SCD-02401 tying in to existing 2.4m high palisade fencing and 1.4m high timber post and fence on south side of crossing.

1.3.5 Signage and all other ancillary works.

1.3.6 Installation of new fencing along rail boundary and temporary works areas for these works.

1.3.7 Provide traffic management measures in the vicinity of the construction sites, including temporary road closures, redirection of traffic in the area and making good any damage to the roadway.

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MACDONALD**

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