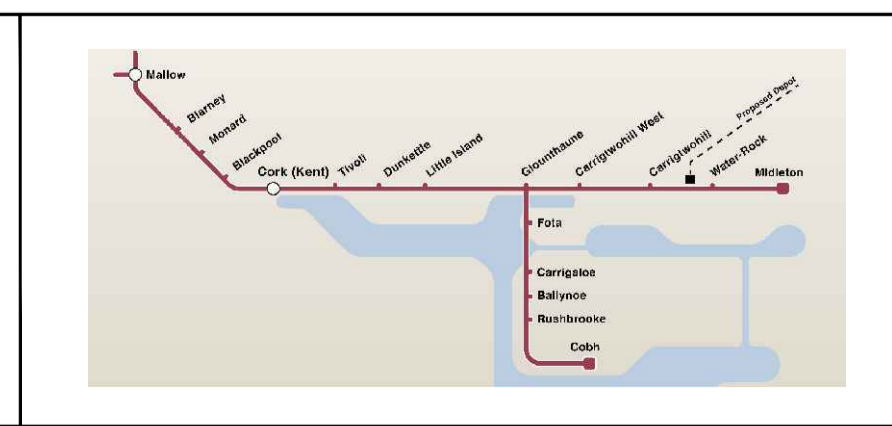


LEGEND:

- MAINTENANCE/CONSTRUCTION COMPOUND
- SUB-STATION
- EXISTING RAILWAY STATION MODIFICATIONS
- BRIDGE ALTERATIONS
- EXISTING RAILWAY STATION
- PROPOSED RAILWAY STATION
- PROPOSED LEVEL CROSSING CLOSURE
- EXISTING RAILWAY LINE
- PROPOSED TRACK LOWERING & ELECTRIFICATION
- PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION

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Comhartha Náisiúnta
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Iarnród Éireann
Irish Rail

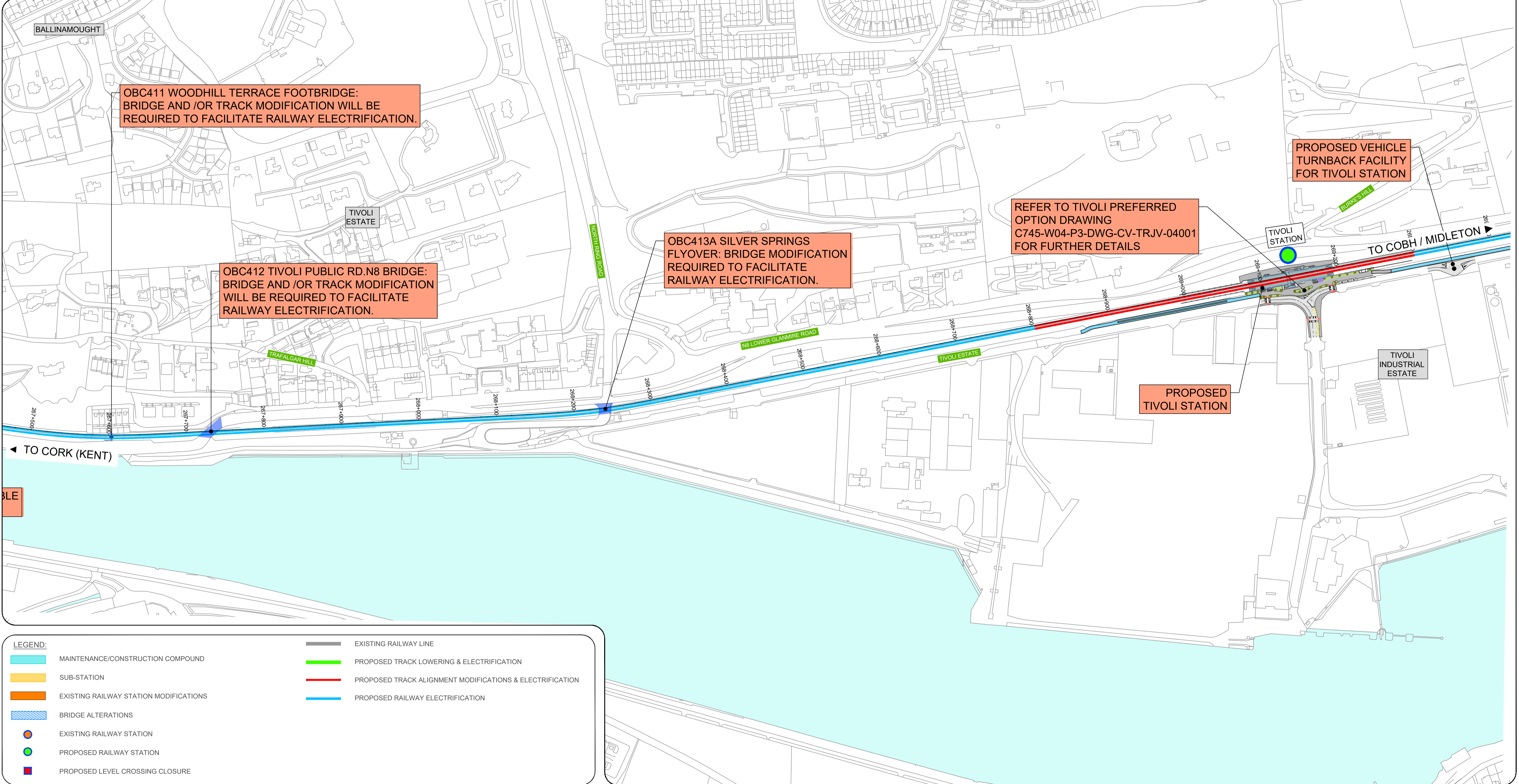
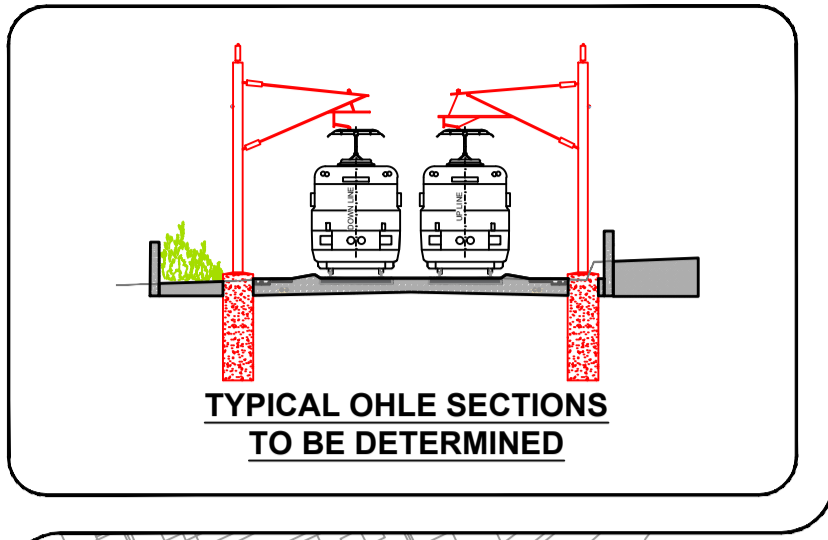
TUC RAIL

TYPSA

PROD
ROUGHAN & O'DONOVAN

Project Title:
CORK AREA COMMUTER RAIL PROGRAMME
(Main Works)

Figure Number:
FIGURE 021



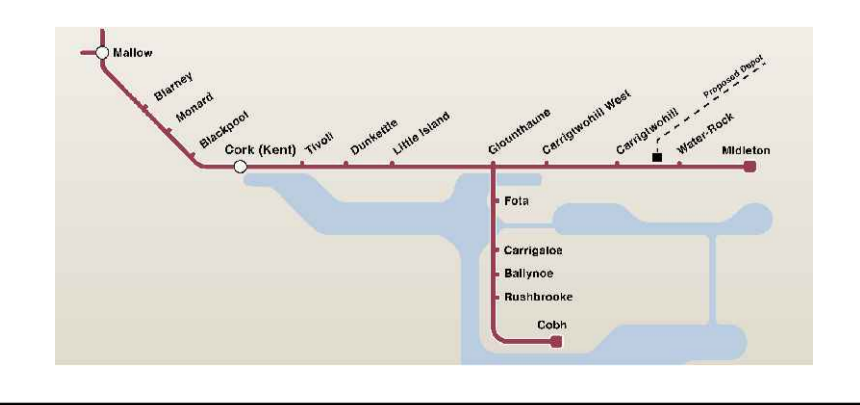
LEGEND:

	MAINTENANCE/CONSTRUCTION COMPOUND		EXISTING RAILWAY LINE
	SUB-STATION		PROPOSED TRACK LOWERING & ELECTRIFICATION
	EXISTING RAILWAY STATION MODIFICATIONS		PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
	BRIDGE ALTERATIONS		PROPOSED RAILWAY ELECTRIFICATION
	EXISTING RAILWAY STATION		
	PROPOSED RAILWAY STATION		
	PROPOSED LEVEL CROSSING CLOSURE		

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Oideas Náisiúnaíocht
National Transport Authority

Iarnród Éireann
Irish Rail

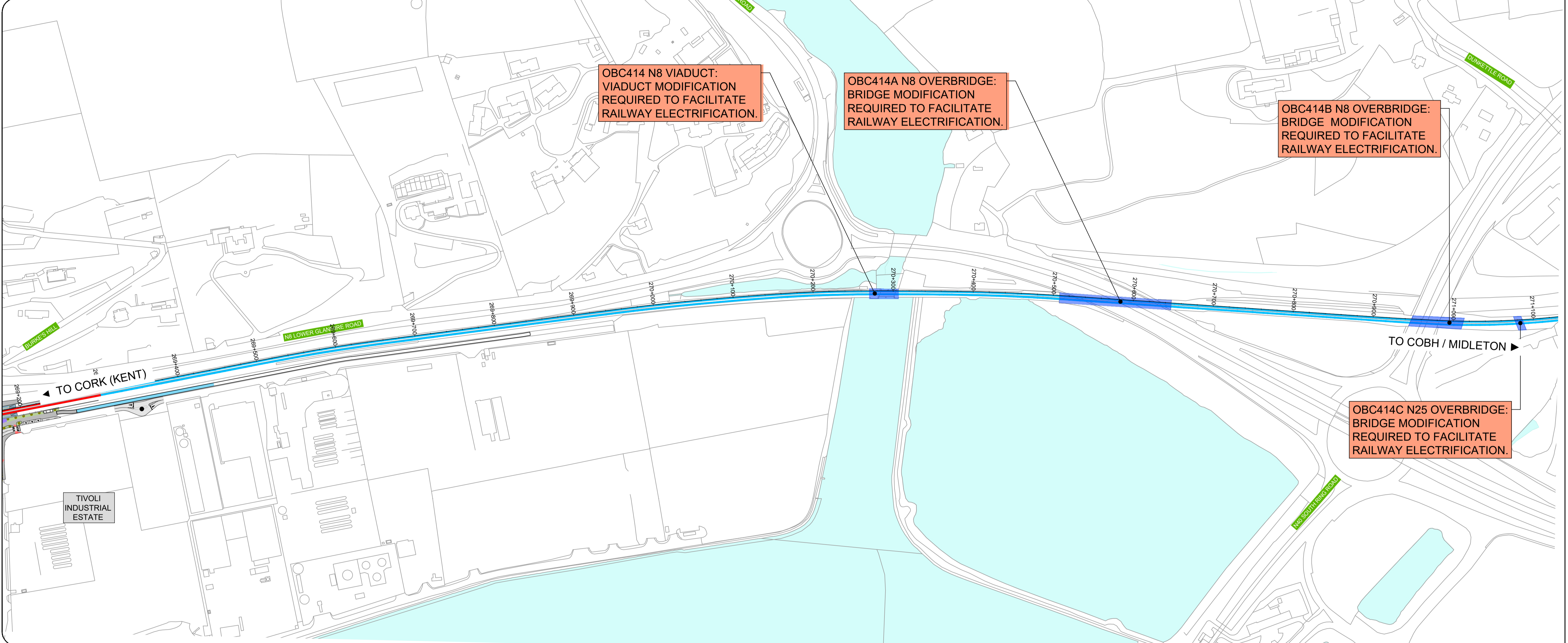
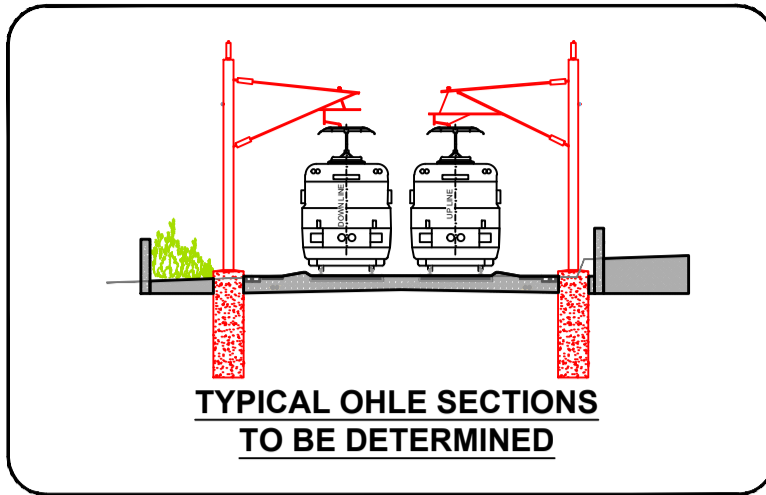
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Project Title:
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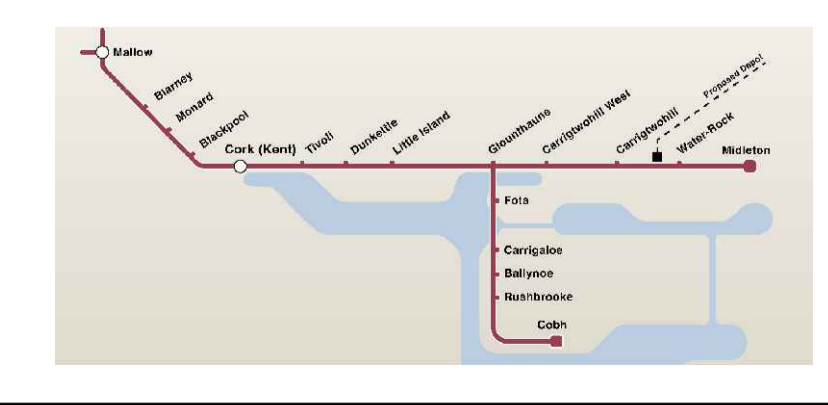
Figure Number:
FIGURE 022



LEGEND:

	MAINTENANCE/CONSTRUCTION COMPOUND		EXISTING RAILWAY LINE
	SUB-STATION		PROPOSED TRACK LOWERING & ELECTRIFICATION
	EXISTING RAILWAY STATION MODIFICATIONS		PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
	BRIDGE ALTERATIONS		PROPOSED RAILWAY ELECTRIFICATION
	EXISTING RAILWAY STATION		
	PROPOSED RAILWAY STATION		
	PROPOSED LEVEL CROSSING CLOSURE		

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Cearta Nuálaíochas Iompar
National Transport Authority

Iarnród Éireann
Irish Rail

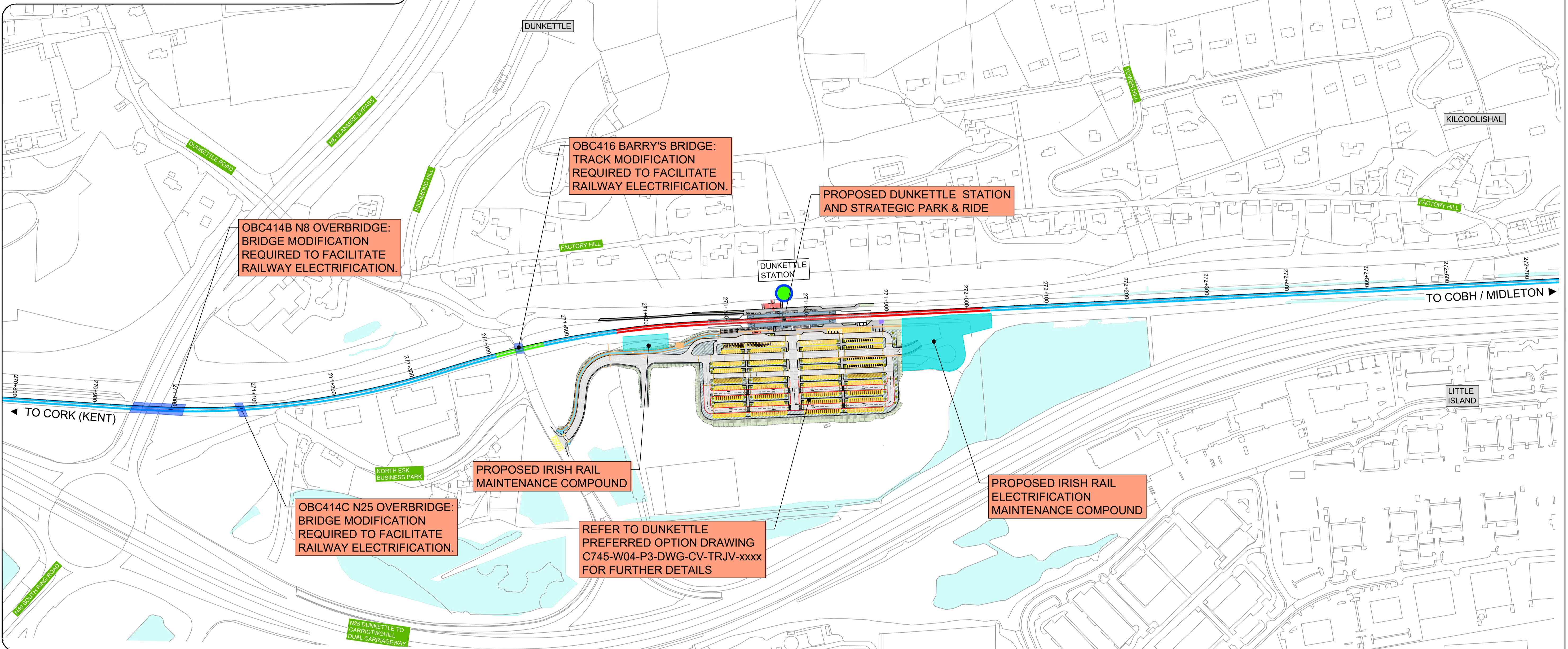
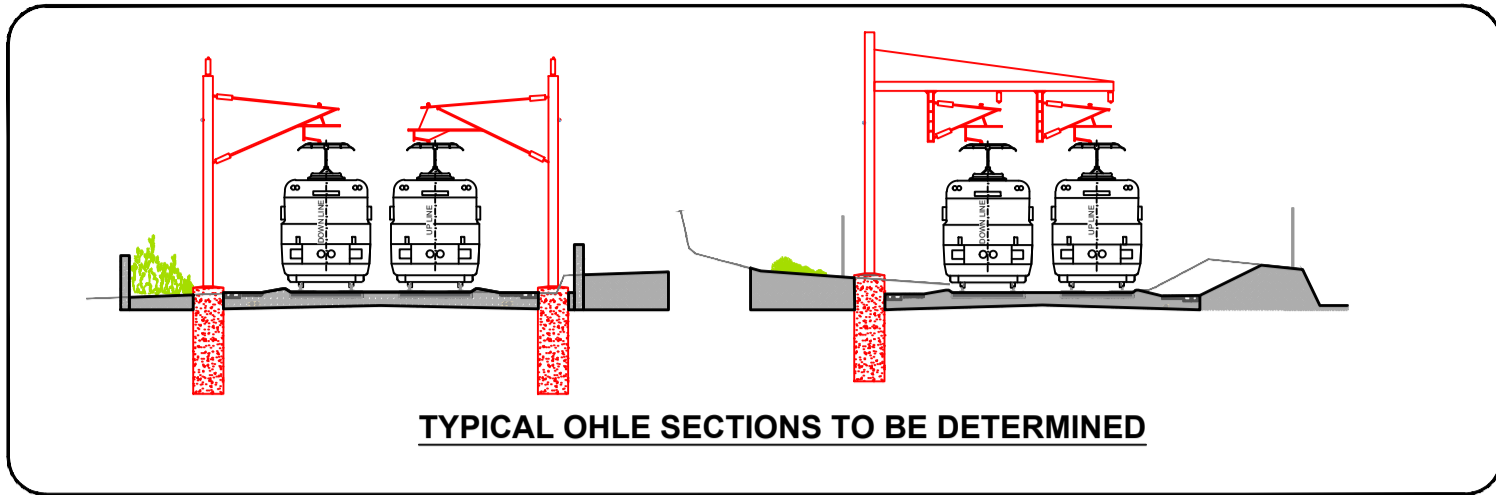
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ROUGHAN & O'DONOVAN

Project Title:
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(Main Works)

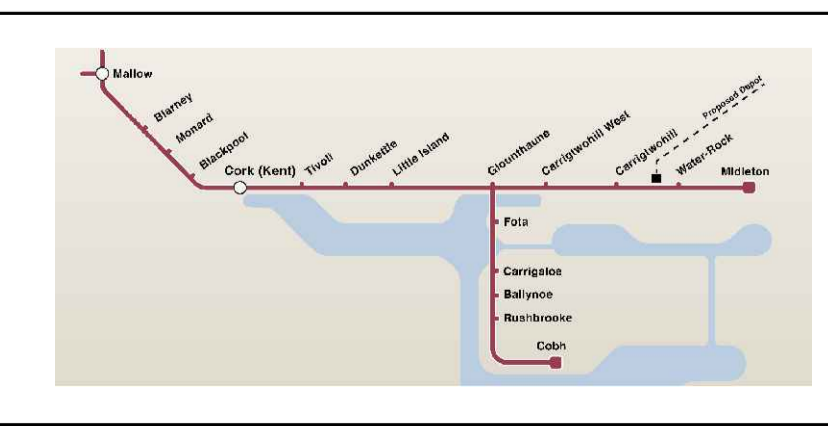
Figure Number:
FIGURE 023



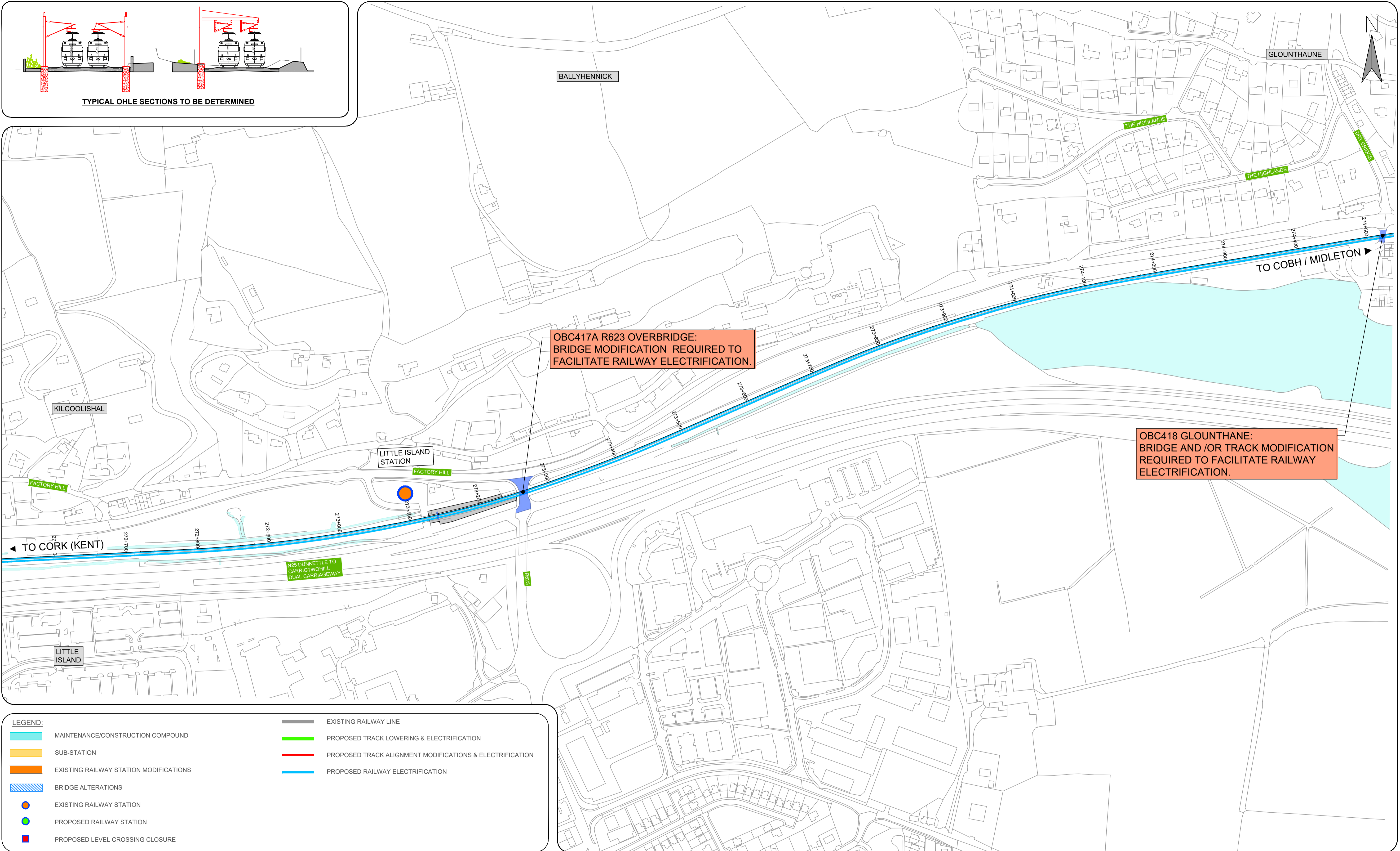
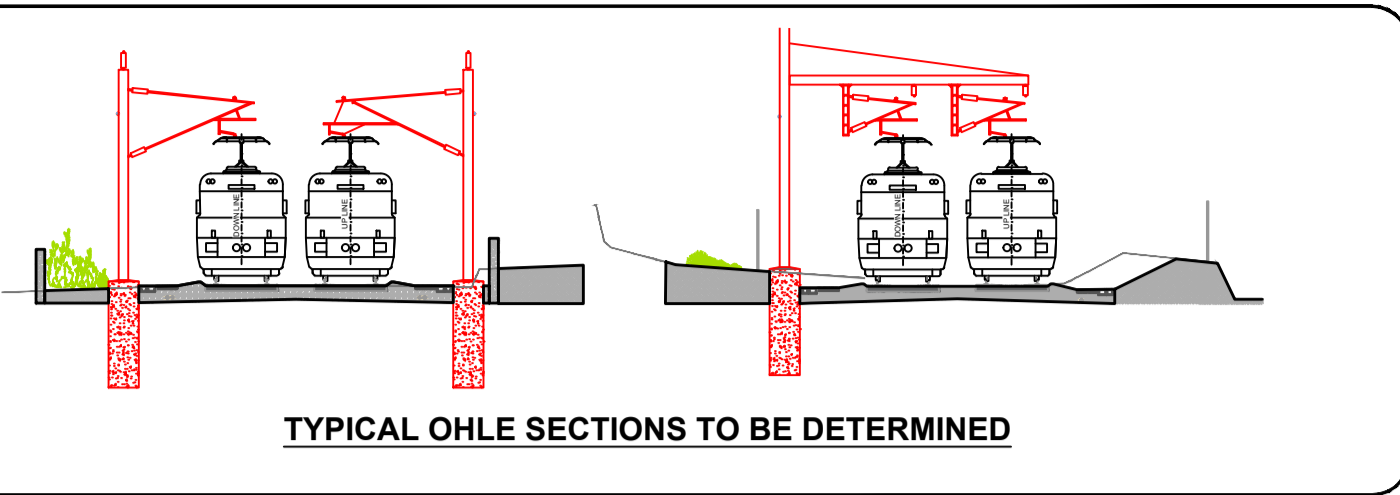
LEGEND:

- MAINTENANCE/CONSTRUCTION COMPOUND
- SUB-STATION
- EXISTING RAILWAY STATION MODIFICATIONS
- BRIDGE ALTERATIONS
- EXISTING RAILWAY STATION
- PROPOSED RAILWAY STATION
- PROPOSED LEVEL CROSSING CLOSURE
- EXISTING RAILWAY LINE
- PROPOSED TRACK LOWERING & ELECTRIFICATION
- PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION

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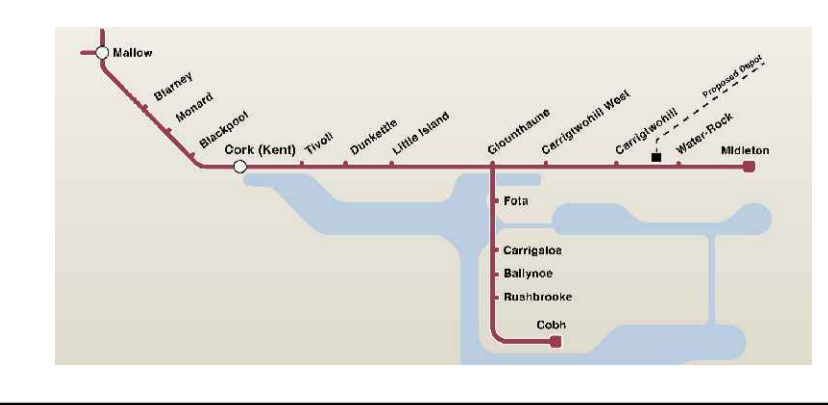
Project Title: CORK AREA COMMUTER RAIL PROGRAMME (Main Works)
 Figure Number: FIGURE 024



LEGEND:

- MAINTENANCE/CONSTRUCTION COMPOUND
- SUB-STATION
- EXISTING RAILWAY STATION MODIFICATIONS
- BRIDGE ALTERATIONS
- EXISTING RAILWAY STATION
- PROPOSED RAILWAY STATION
- PROPOSED LEVEL CROSSING CLOSURE
- EXISTING RAILWAY LINE
- PROPOSED TRACK LOWERING & ELECTRIFICATION
- PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION

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Iarnród Éireann
Irish Rail

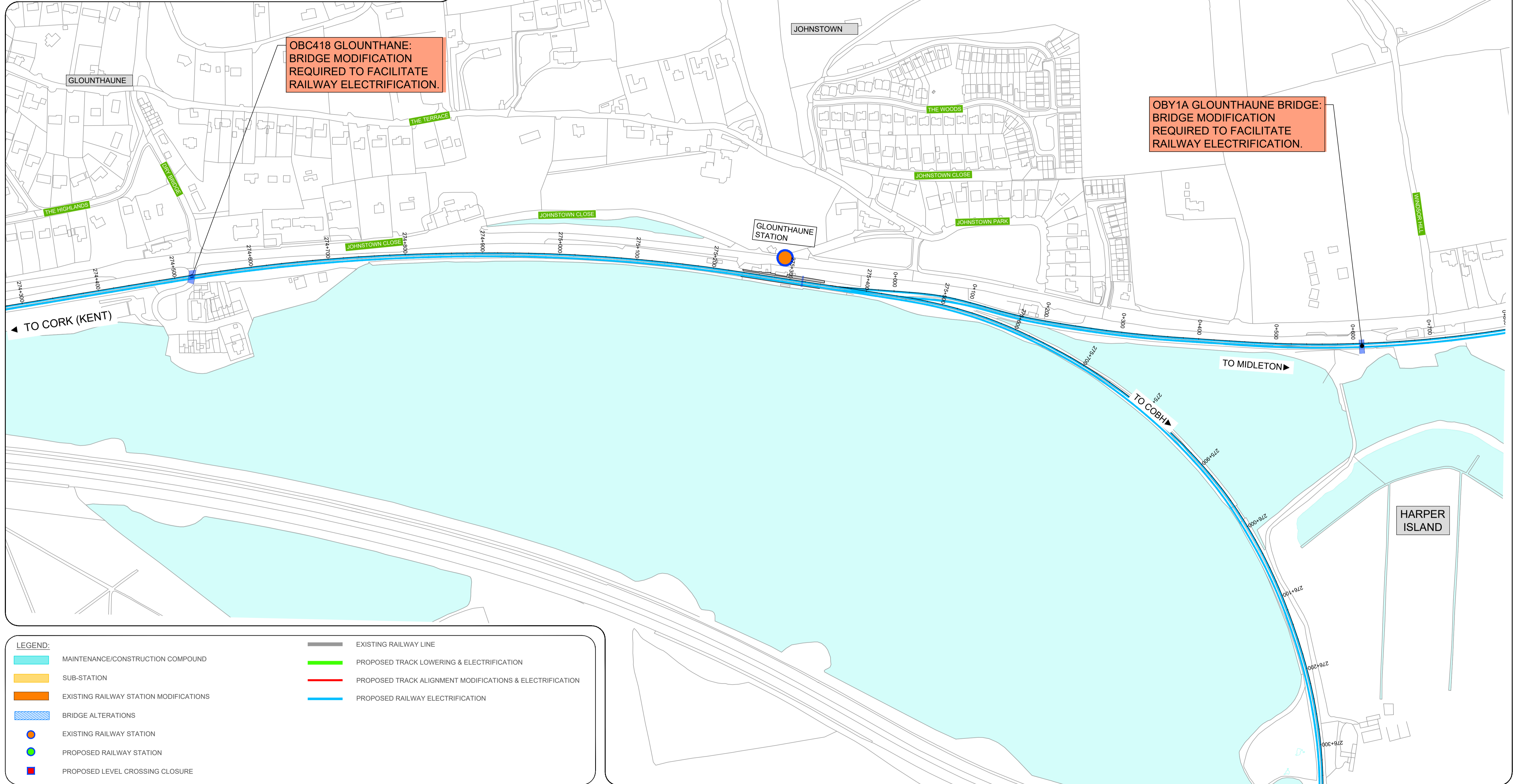
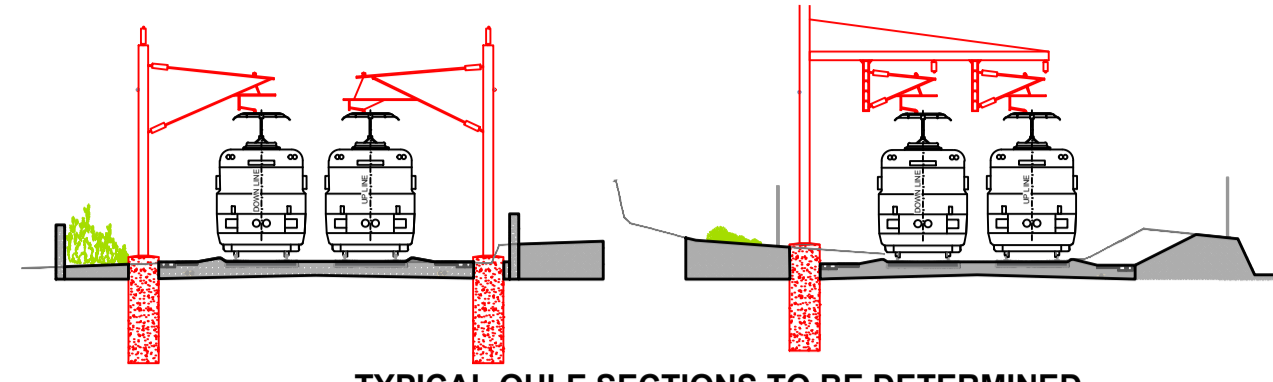
TUC RAIL

TYPSA

PROD
ROUGHAN & O'DONOVAN

Project Title:
CORK AREA COMMUTER RAIL PROGRAMME
(Main Works)

Figure Number:
FIGURE 025



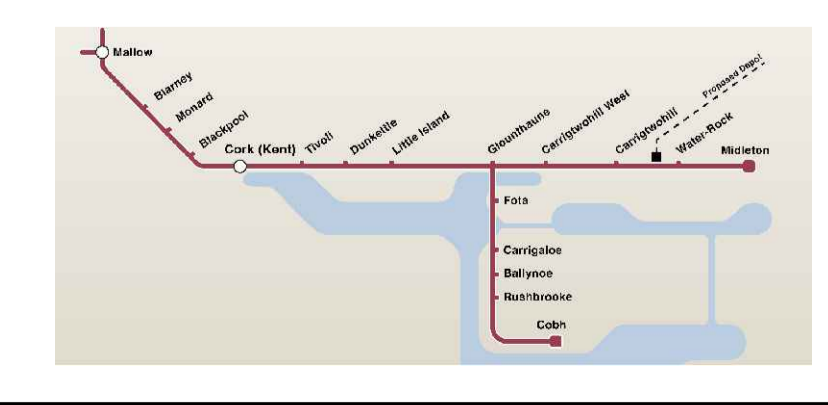
LEGEND:

	MAINTENANCE/CONSTRUCTION COMPOUND		EXISTING RAILWAY LINE
	SUB-STATION		PROPOSED TRACK LOWERING & ELECTRIFICATION
	EXISTING RAILWAY STATION MODIFICATIONS		PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
	BRIDGE ALTERATIONS		PROPOSED RAILWAY ELECTRIFICATION
	EXISTING RAILWAY STATION		
	PROPOSED RAILWAY STATION		
	PROPOSED LEVEL CROSSING CLOSURE		

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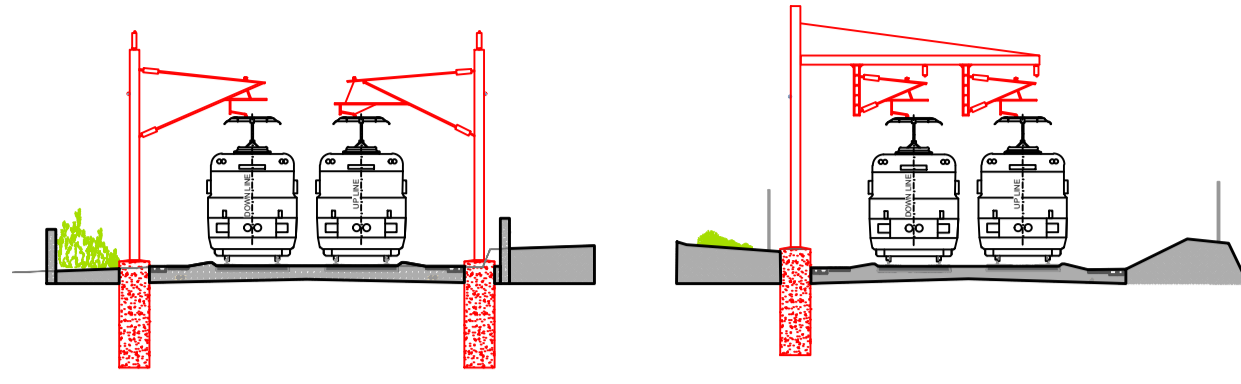
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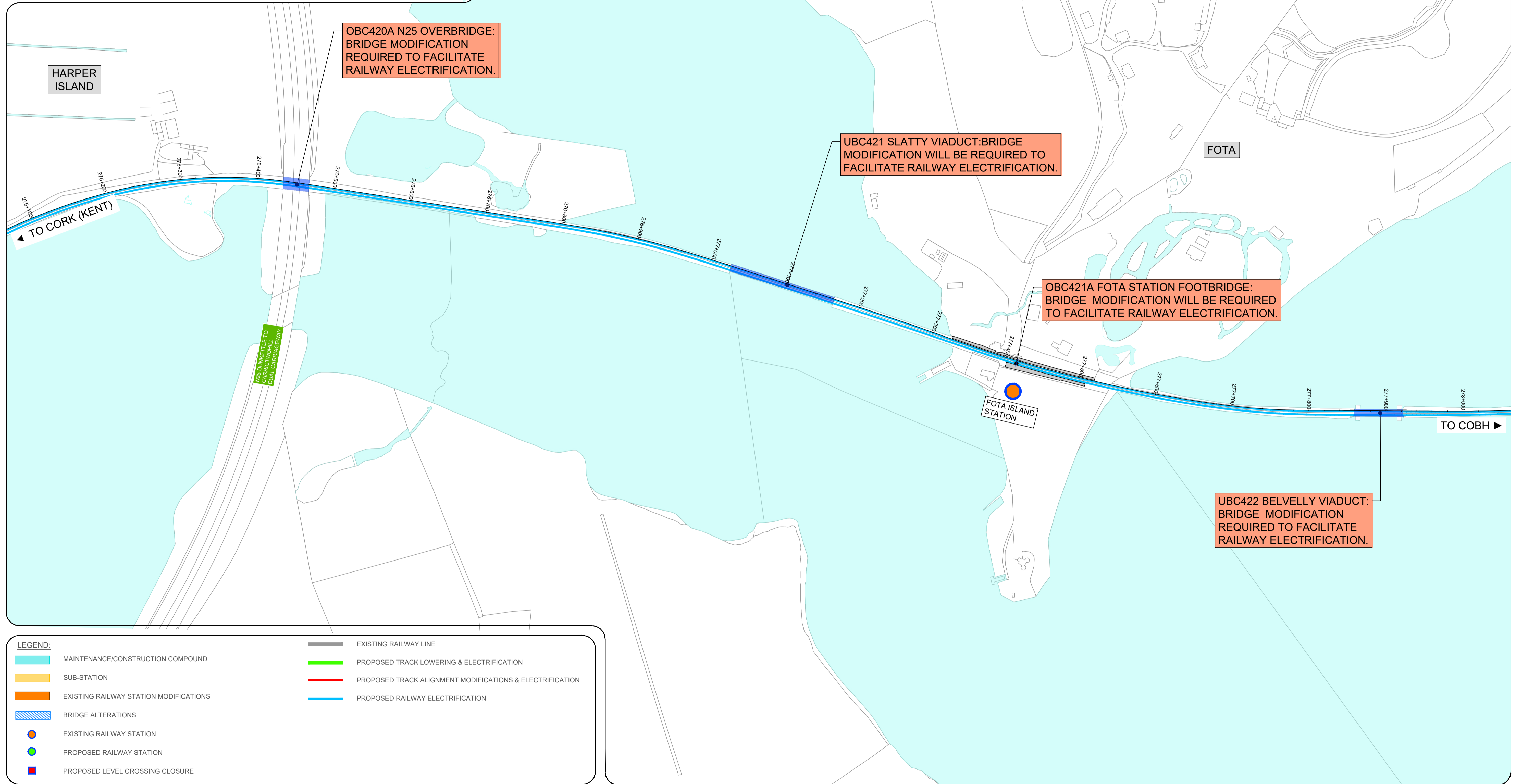


Project Title: CORK AREA COMMUTER RAIL PROGRAMME (Main Works)

Figure Number: FIGURE 026



TYPICAL OHLE SECTIONS TO BE DETERMINED



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BRIDGE MODIFICATION
REQUIRED TO FACILITATE
RAILWAY ELECTRIFICATION.

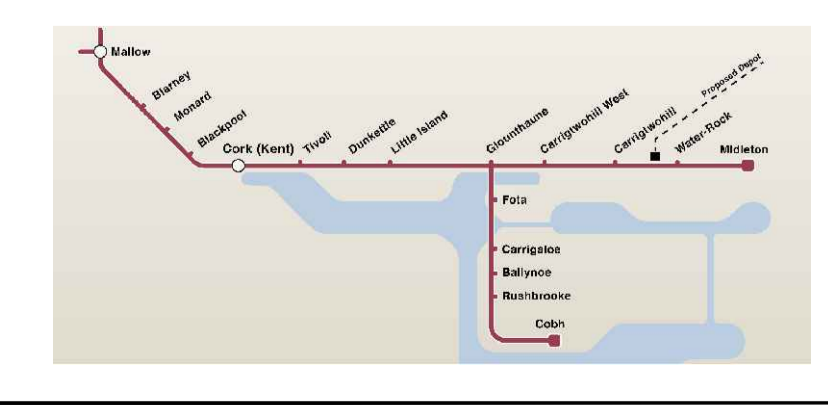
UBC421 SLATTY VIADUCT: BRIDGE
MODIFICATION WILL BE REQUIRED TO
FACILITATE RAILWAY ELECTRIFICATION.

OBC421A FOTA STATION FOOTBRIDGE:
BRIDGE MODIFICATION WILL BE REQUIRED
TO FACILITATE RAILWAY ELECTRIFICATION.

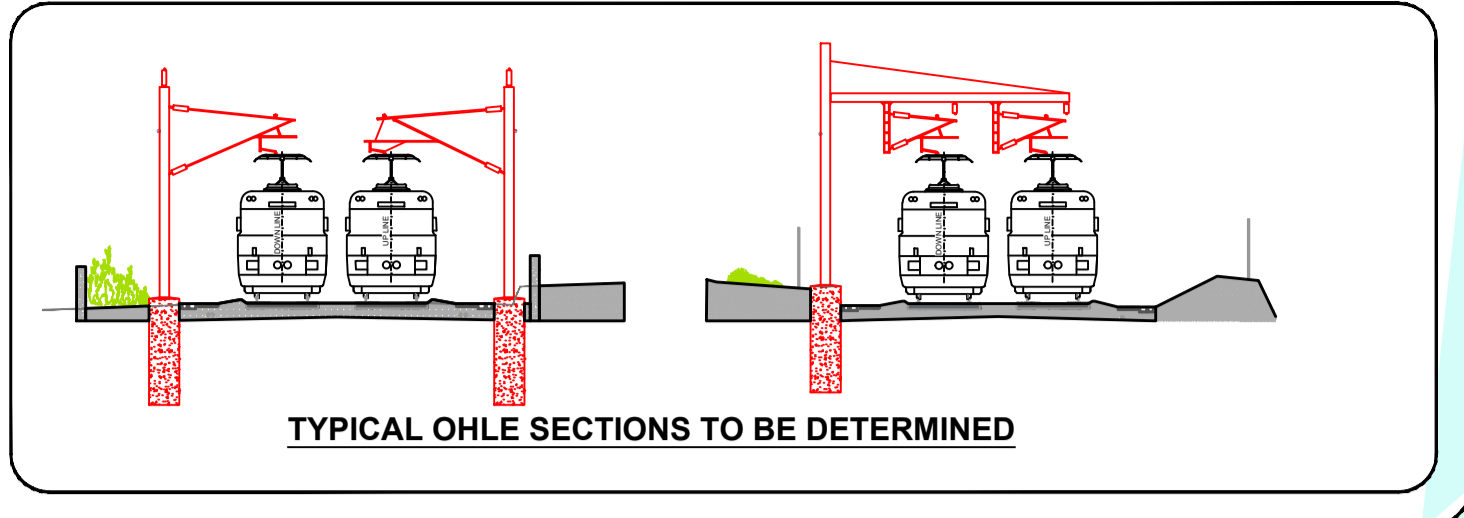
UBC422 BELVELLY VIADUCT:
BRIDGE MODIFICATION
REQUIRED TO FACILITATE
RAILWAY ELECTRIFICATION.

LEGEND:	
	MAINTENANCE/CONSTRUCTION COMPOUND
	SUB-STATION
	EXISTING RAILWAY STATION MODIFICATIONS
	BRIDGE ALTERATIONS
	EXISTING RAILWAY STATION
	PROPOSED RAILWAY STATION
	PROPOSED LEVEL CROSSING CLOSURE
	EXISTING RAILWAY LINE
	PROPOSED TRACK LOWERING & ELECTRIFICATION
	PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
	PROPOSED RAILWAY ELECTRIFICATION

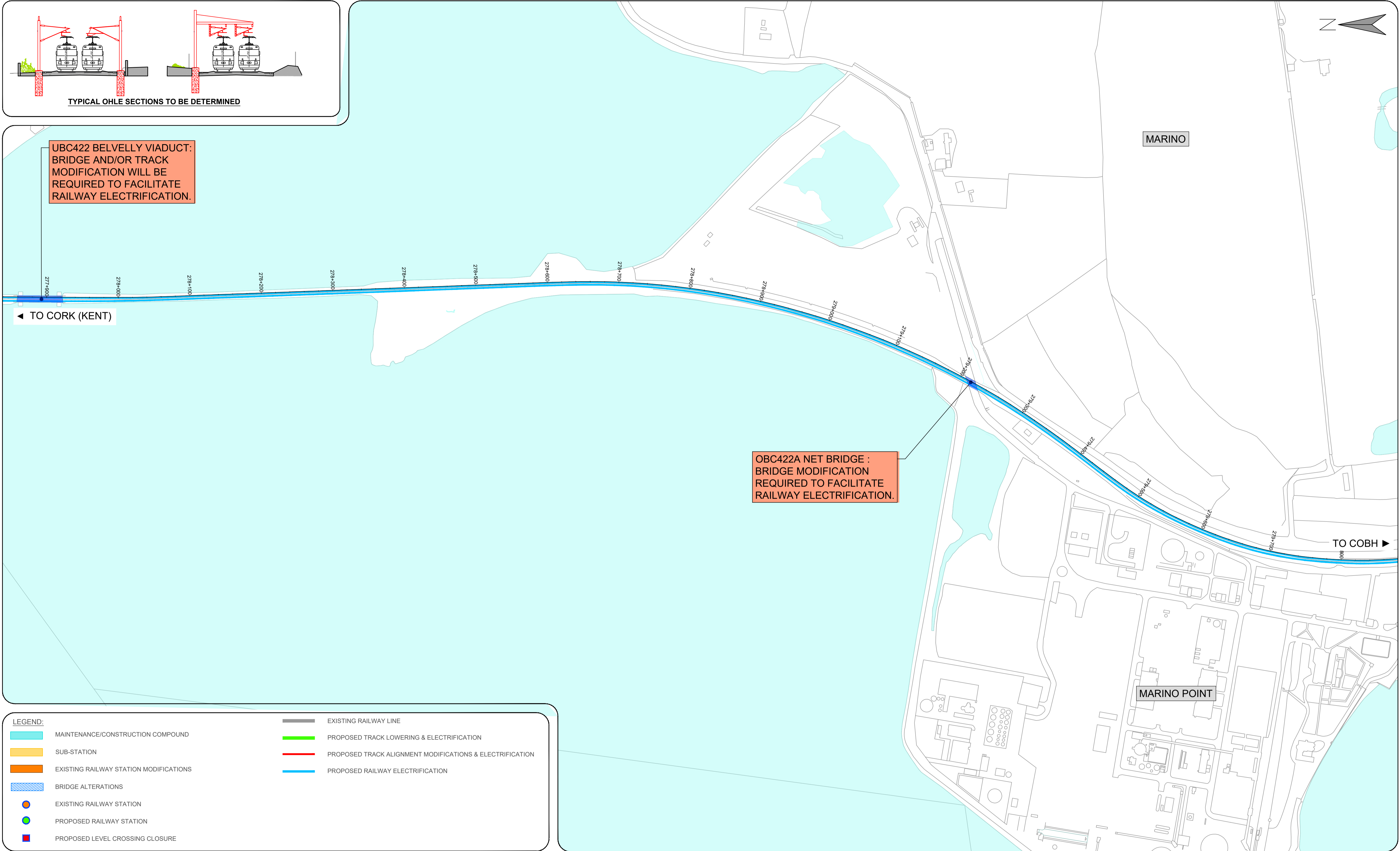
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Project Title:	CORK AREA COMMUTER RAIL PROGRAMME (Main Works)
Figure Number:	FIGURE 027



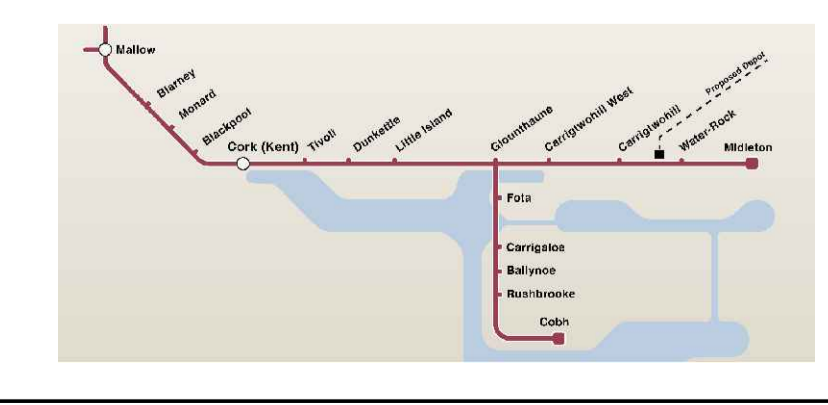
UBC422 BELVELLY VIADUCT:
BRIDGE AND/OR TRACK
MODIFICATION WILL BE
REQUIRED TO FACILITATE
RAILWAY ELECTRIFICATION.



LEGEND:

MAINTENANCE/CONSTRUCTION COMPOUND	EXISTING RAILWAY LINE
SUB-STATION	PROPOSED TRACK LOWERING & ELECTRIFICATION
EXISTING RAILWAY STATION MODIFICATIONS	PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
BRIDGE ALTERATIONS	PROPOSED RAILWAY ELECTRIFICATION
EXISTING RAILWAY STATION	
PROPOSED RAILWAY STATION	
PROPOSED LEVEL CROSSING CLOSURE	

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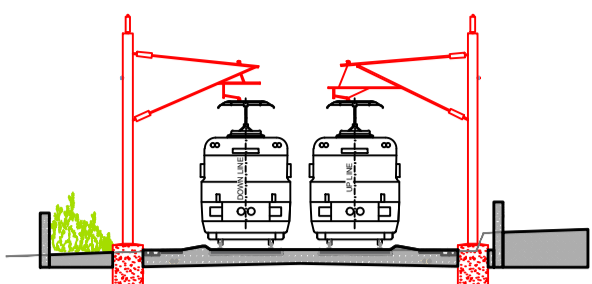
Iarnród Éireann
Irish Rail

TUC RAIL
IRISH RAIL CHAIRMAN

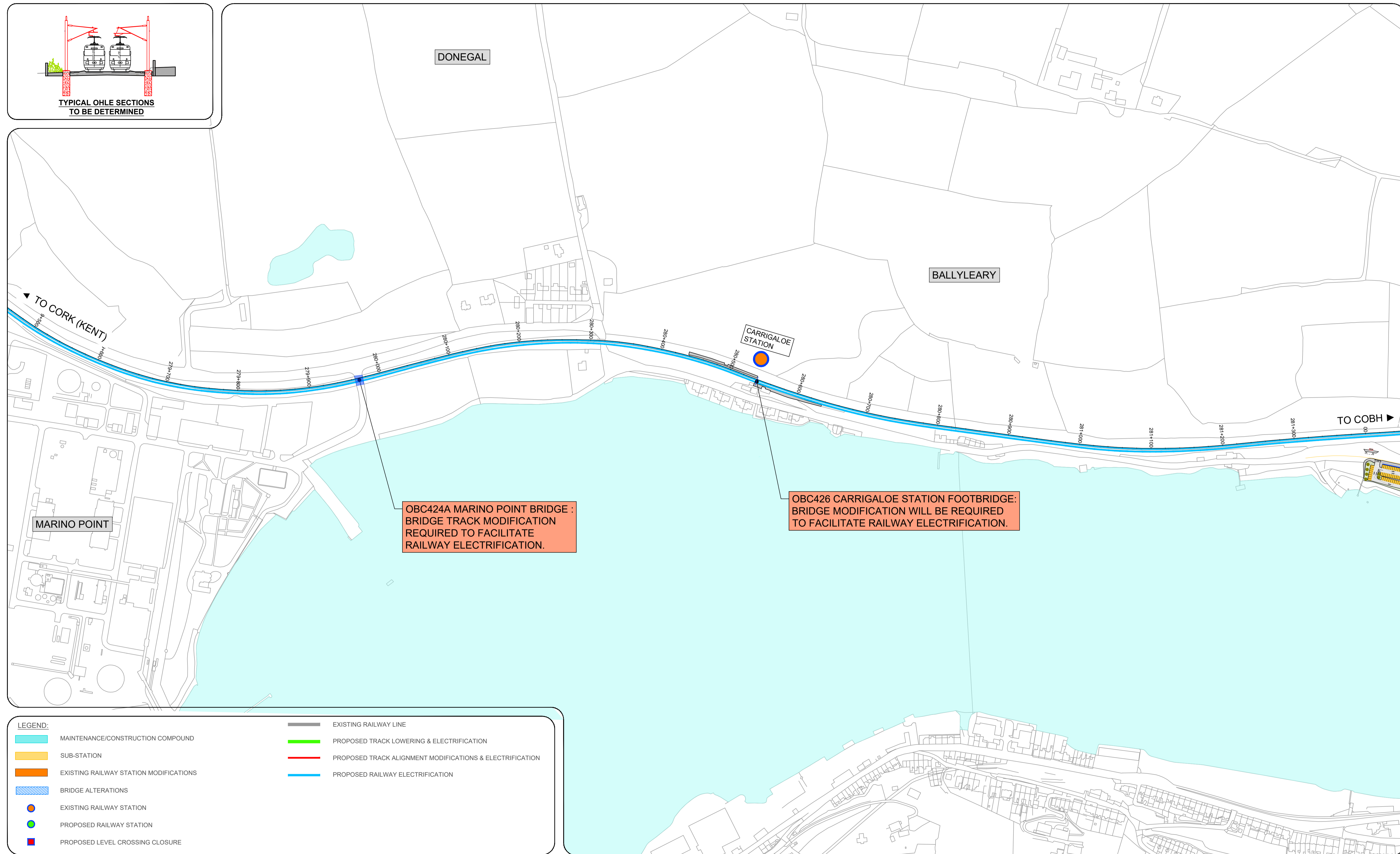
TYP SA
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Project Title:
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(Main Works)

Figure Number:..
FIGURE 028



TYPICAL OHLE SECTIONS
TO BE DETERMINED



OBC424A MARINO POINT BRIDGE :
BRIDGE TRACK MODIFICATION
REQUIRED TO FACILITATE
RAILWAY ELECTRIFICATION.

OBC426 CARRIGALOE STATION FOOTBRIDGE:
BRIDGE MODIFICATION WILL BE REQUIRED
TO FACILITATE RAILWAY ELECTRIFICATION.

LEGEND:

- MAINTENANCE/CONSTRUCTION COMPOUND
- SUB-STATION
- EXISTING RAILWAY STATION MODIFICATIONS
- BRIDGE ALTERATIONS
- EXISTING RAILWAY STATION
- PROPOSED RAILWAY STATION
- PROPOSED LEVEL CROSSING CLOSURE
- EXISTING RAILWAY LINE
- PROPOSED TRACK LOWERING & ELECTRIFICATION
- PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION

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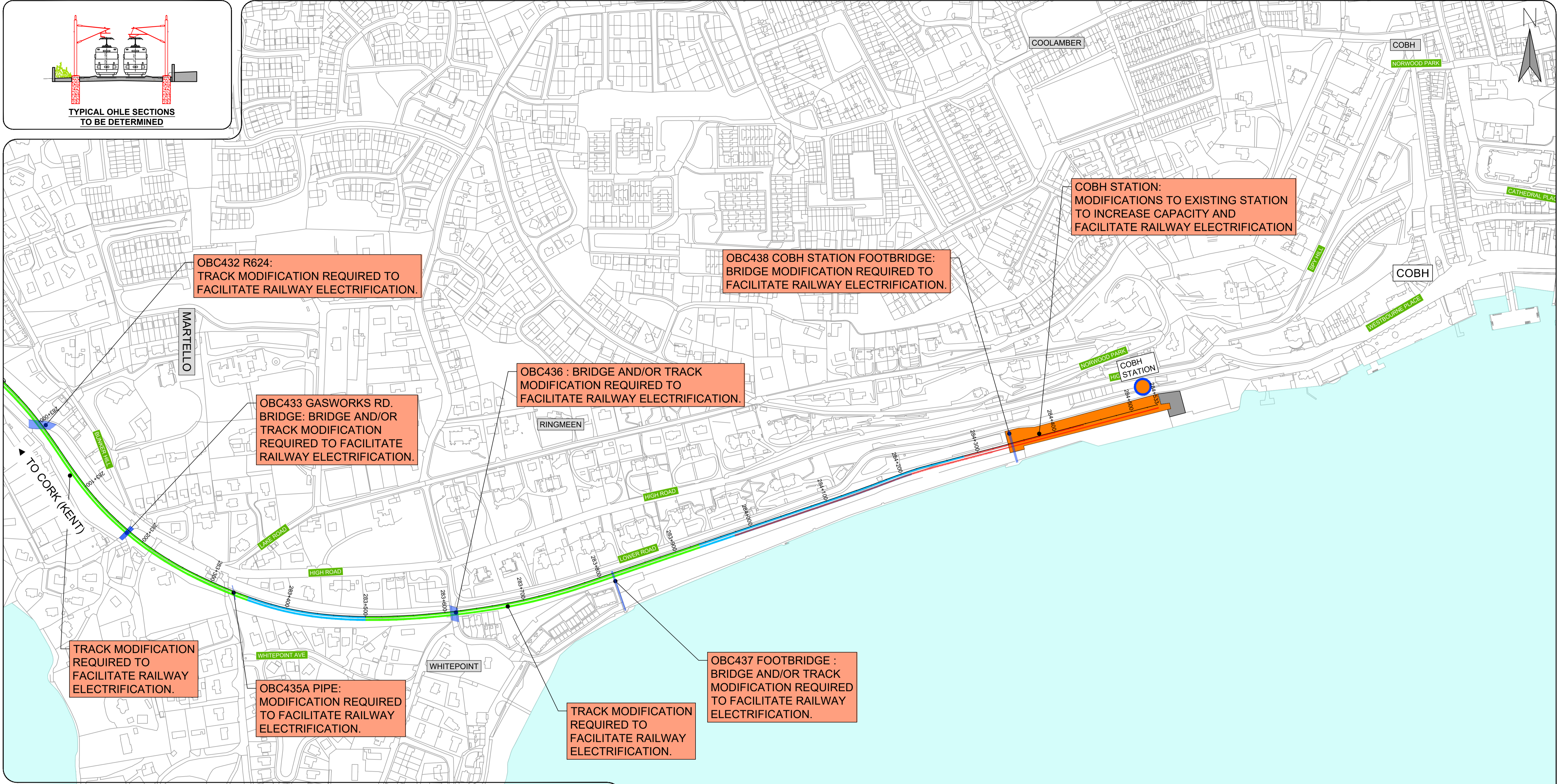
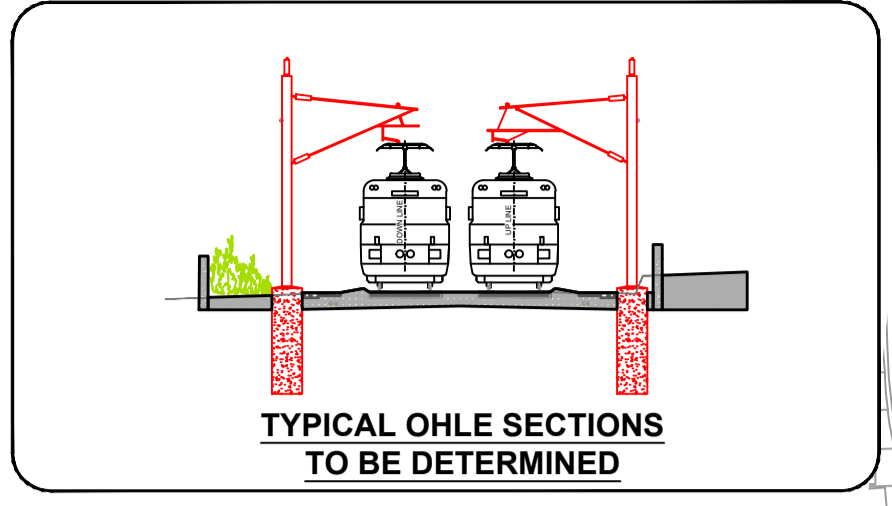
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Project Title:
CORK AREA COMMUTER RAIL PROGRAMME
(Main Works)

Figure Number:
FIGURE 029



LEGEND:

- MAINTENANCE/CONSTRUCTION COMPOUND
- SUB-STATION
- EXISTING RAILWAY STATION MODIFICATIONS
- BRIDGE ALTERATIONS
- EXISTING RAILWAY STATION
- PROPOSED RAILWAY STATION
- PROPOSED LEVEL CROSSING CLOSURE
- EXISTING RAILWAY LINE
- PROPOSED TRACK LOWERING & ELECTRIFICATION
- PROPOSED TRACK ALIGNMENT MODIFICATIONS & ELECTRIFICATION
- PROPOSED RAILWAY ELECTRIFICATION

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National Transport Authority

Iarnród Éireann
Irish Rail

TUC RAIL

TYP SA

J ROD
ROUGHAN & O'DONOVAN

Project Title:
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(Main Works)

Figure Number:
FIGURE 031