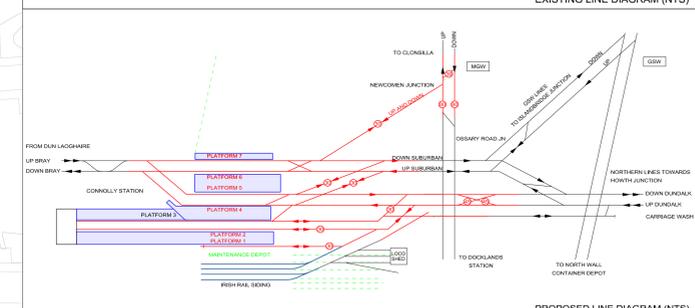
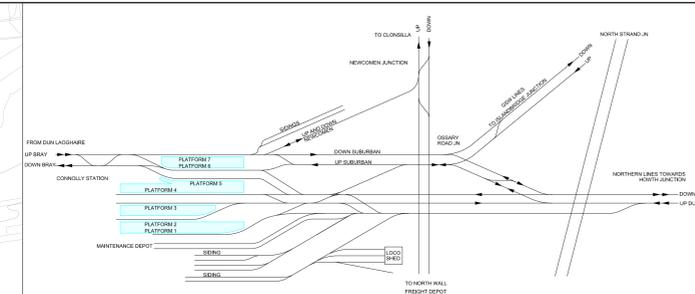
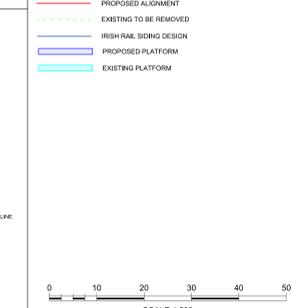


Appendix A. Permanent Way Drawings



- Legend/Notes
- THIS DESIGN IS BASED UPON THE SURVEY MAPPING SUPPLIED BY IRISH RAIL SUPPLEMENTED BY THE ORDNANCE SURVEY IRELAND DATA. (© IRELAND MAP DATA REPRODUCED BY PERMISSION OF OS). ORDNANCE SURVEY IRELAND ACTING ON BEHALF OF THE GOVERNMENT DATED FEBRUARY 09. 2018 © ORDNANCE SURVEY IRELAND / GOVERNMENT OF IRELAND. ORDNANCE SURVEY IRELAND LICENCE No. EN 0002115
 - EXISTING TRACK AND DETAILS UNDER THE ROOF OR COVERED AREAS ARE NOT SHOWN IN THE IDEAL SURVEY. THE EXISTING POSITION OF BUFFER STOP AND TRACK ON PLATFORMS ARE ASSUMED BASED ON THE AVAILABLE DETAILS. THE ACTUAL POSITION OF BUFFER STOP, PLATFORM LENGTH AND EXTENDED TRACK WILL BE CONFIRMED AT NEXT STAGE WHEN PROPER SURVEY IS AVAILABLE.
 - ALL DIMENSION IN METRES UNLESS OTHERWISE STATED.
 - THE PROPOSED SPEEDS SHOWN IN THIS DIAGRAM IS THE MAXIMUM PERMISSIBLE SPEED IN KILOMETRES PER HOUR (KMPH) BASED ON THE DESIGN. A LINE SPEED ASSESSMENT WILL BE CARRIED OUT AT NEXT DESIGN STAGE.
 - THE PROPOSED TRACK ALIGNMENT WILL BE SUBJECT TO ASSESSMENT OF STRUCTURAL AND ELECTRIFICATION CLEARANCES. THE CLEARANCE ASSESSMENT TO BE UNDERTAKEN AT SUBSEQUENT DESIGN STAGES.
 - THE LENGTH OF PLATFORM SHOWN IN THIS DRAWING IS THE OPERATIONAL PLATFORM LENGTH BASED ON THE ASSUMED POSITION OF EXISTING BUFFER STOP AND SIGNAL.
 - PLATFORMS SHOWN IN THIS DRAWING EXCLUDE ANY RAMPS OR EXTENTS



Rev	Date	Description of Revisions	Drawn	Chkg	Appr
P02	20/03/19	OPTION SELECTION - IFC COMMENTS INCORPORATED	SP	CB	AB
P01	20/03/19	OPTION SELECTION	SP	CB	AB

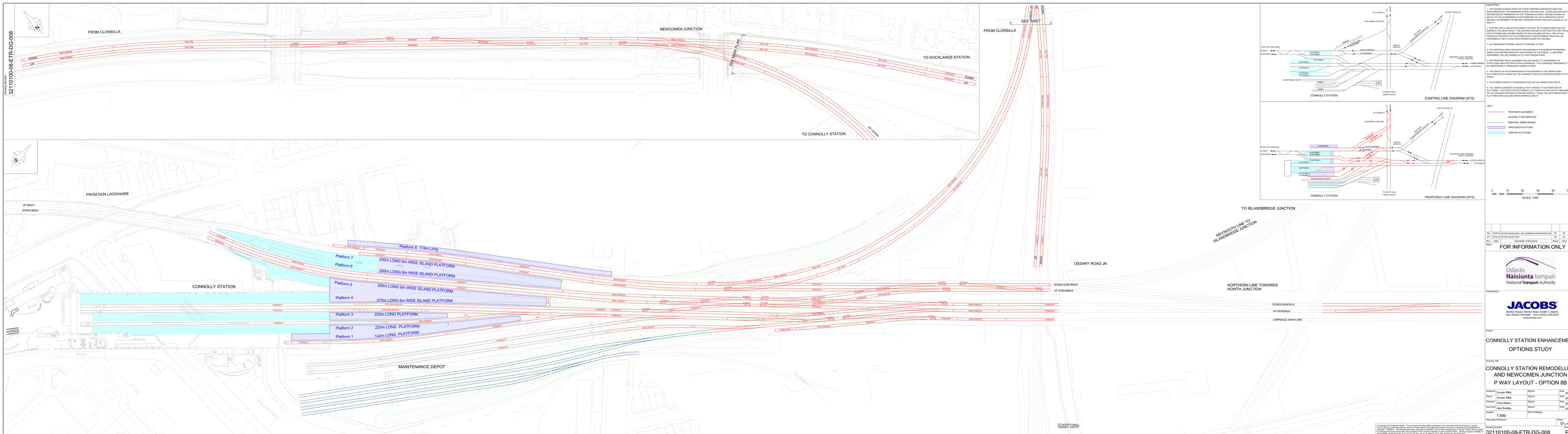
FOR REVISION ONLY



Project: CONNOLLY STATION ENHANCEMENT AND NEWCOMEN JUNCTION PERMANENT WAY LAYOUT OPTION 6D

Drawn	Checked	Approved	Scale(s)	Alternative Reference
Suresh Pillai	Chris Belton	Alex Bradley	1:500	

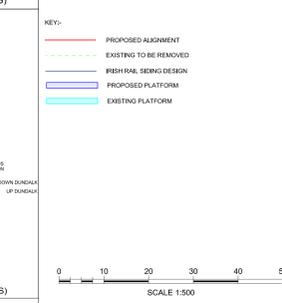
Drawn	Checked	Approved	Scale(s)	Alternative Reference
Suresh Pillai	Chris Belton	Alex Bradley	1:500	



Drawing Number: 32110100-08-ETR-DG-008

Drawing Number: 32110100-08-ETR-DG-008

- Legend/Notes**
1. THE DESIGN IS BASED UPON THE SURVEY MAPPINGS SUPPLIED BY IRISH RAIL SUPPLEMENTED BY THE ORDNANCE SURVEY IRELAND DATA. TO RE-ANALYSE MAP DATA REPRODUCED BY PERMISSION OF C.E.O. ORDNANCE SURVEY IRELAND (ACTING ON BEHALF OF THE GOVERNMENT OF IRELAND) TO THE ORDNANCE SURVEY IRELAND (GOVERNMENT OF IRELAND, ORDNANCE SURVEY IRELAND LICENCE No. EN 002115).
 2. EXISTING TRACK AND DETAILS UNDER THE ROOF OF COVERED AREAS ARE NOT SHOWN IN THE LEAD SURVEY. THE EXISTING POSITION OF BUFFER STOP AND TRACK ON PLATFORMS ARE ASSUMED BASED ON THE AVAILABLE DETAILS. THE ACTUAL POSITION OF BUFFER STOP, PLATFORM LENGTH AND EXTENDED TRACK WILL BE CONFIRMED AT NEXT STAGE WHEN PRELIMINARY SURVEY IS AVAILABLE.
 3. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 4. THE PROPOSED SPEED SHOWN IN THIS DIAGRAM IS THE MAXIMUM PERMISSIBLE SPEED IN KM/H PER HOUR (MPH) BASED ON THE DESIGN. A LINE SPEED ASSESSMENT WILL BE CARRIED OUT AT NEXT DESIGN STAGE.
 5. THE PROPOSED TRACK ALIGNMENT WILL BE SUBJECT TO ASSESSMENT OF STRUCTURAL AND ELECTRIFICATION CLEARANCES. THE CLEARANCE ASSESSMENT TO BE UNDERTAKEN AT APPROPRIATE DESIGN STAGES.
 6. THE LENGTH OF PLATFORM SHOWN IN THIS DRAWING IS THE OPERATIONAL PLATFORM LENGTH, BASED ON THE ASSUMED POSITION OF EXISTING BUFFER STOP AND SIGNAL.
 7. PLATFORMS SHOWN IN THIS DRAWING EXCLUDE ANY RAMPS OR EXTENTS.
 8. THE DESIGN CONSIDER NO MAJOR LAYOUT CHANGE AT SOUTHERN END OF PLATFORMS. THE LENGTH OF PLATFORMS 6 & 7 SHOWN IN THIS LAYOUT ARE BASED ON THE ASSUMED POSITION OF EXISTING SIGNALS. HENCE THE SOUTHERN EXTENT OF PLATFORMS ARE EXCLUDED FROM WORKING LENGTH.



Rev	Date	Description of Revisions	Drawn	Checked	Appr'd
002	20/03/19	OPTION SELECTION - IEC COMMENTS INCORPORATED	SP	CB	AB
001	20/03/19	OPTION SELECTION	SP	CB	AB

FOR INFORMATION ONLY

Contractor(s):

Project:

CONNOLLY STATION ENHANCEMENT AND NEWCOMEN JUNCTION OPTIONS STUDY

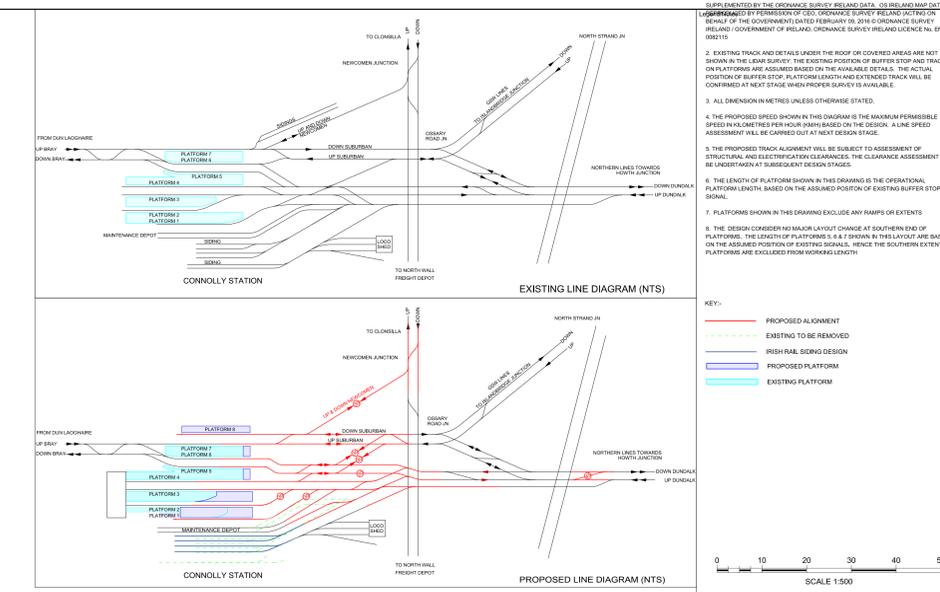
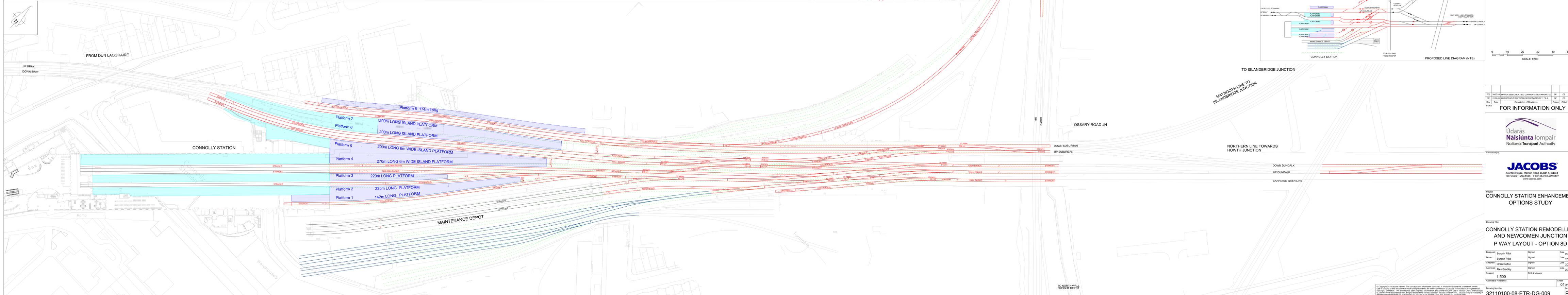
Drawing Title:

CONNOLLY STATION REMODELLING AND NEWCOMEN JUNCTION P WAY LAYOUT - OPTION 8B

Designed	Drawn	Checked	Approved	Scale(s)	Alternative Reference	Sheet	Revision
Suresh Pillai	Suresh Pillai	Chris Bolton	Alex Bradley	1:500	ELR & M&G	01 of 01	
Signed	Signed	Signed	Signed				
Date: 20/03/19	Date: 20/03/19	Date: 20/03/19	Date: 20/03/19				

Drawing Number: 32110100-08-ETR-DG-008
Sheet Size A1+0 900 x 2 1200
P02

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1. THIS DESIGN IS BASED UPON THE SURVEY MAPPING SUPPLIED BY IRISH RAIL. THE DESIGN IS BASED UPON THE SURVEY MAPPING SUPPLIED BY IRISH RAIL. THE DESIGN IS BASED UPON THE SURVEY MAPPING SUPPLIED BY IRISH RAIL.

2. THE PROPOSED TRACK AND RETRAIL UNDER THE ROOF ON COVERED AREAS ARE NOT SHOWN IN THE LOAD SURVEY. THE EXISTING POSITION OF BUFFER STOP AND TRACK ON PLATFORMS ARE ASSUMED BASED ON THE AVAILABLE DETAILS. THE ACTUAL POSITION OF BUFFER STOP, PLATFORM LENGTH AND EXTENDED TRACK WILL BE CONFIRMED AT NEXT STAGE WHEN PROPER SURVEY IS AVAILABLE.

3. ALL DIMENSION IN METRES UNLESS OTHERWISE STATED.

4. THE PROPOSED SPEED SHOWN IN THE DIAGRAM IS THE MAXIMUM PERMISSIBLE SPEED IN KILOMETRES PER HOUR (KMPH) BASED ON THE DESIGN. A LINE SPEED ASSESSMENT WILL BE CARRIED OUT AT NEXT DESIGN STAGE.

5. THE PROPOSED TRACK ALIGNMENT WILL BE SUBJECT TO ASSESSMENT OF STRUCTURAL AND ELECTRIFICATION CLEARANCES. THE CLEARANCE ASSESSMENT TO BE CARRIED OUT AT SUBSEQUENT DESIGN STAGES.

6. THE LENGTH OF PLATFORM SHOWN IN THE DRAWING IS THE OPERATIONAL PLATFORM LENGTH BASED ON THE ASSUMED POSITION OF EXISTING BUFFER STOP AND SIGNAL.

7. PLATFORMS SHOWN IN THIS DRAWING EXCLUDE ANY RAMPS OR ENTITIES.

8. THE DESIGN CONSIDERS NO MAJOR LAYOUT CHANGE AT SOUTHERN END OF PLATFORMS. THE LENGTH OF PLATFORMS 5, 6 & 7 SHOWN IN THIS LAYOUT ARE BASED ON THE ASSUMED POSITION OF EXISTING SIGNALS. HENCE THE SOUTHERN EXTENT OF PLATFORMS ARE EXCLUDED FROM WORKING LENGTH.

Rev	Date	Description of Revision	Drawn	Checked	Appr'd
002	20/03/19	OPTION SELECTION - IEC COMMENTS INCORPORATED	SP	CB	AB
001	20/03/19	LH CROSSOVER INTRODUCED BETWEEN P.LT. 7 & 8	SP	CB	AB

FOR INFORMATION ONLY

Udarás Náisiúnta Iompair
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Project

CONNOLLY STATION ENHANCEMENT
AND NEWCOMEN JUNCTION
OPTIONS STUDY

Drawing Title

CONNOLLY STATION REMODELLING
AND NEWCOMEN JUNCTION
P WAY LAYOUT - OPTION 8D

Designed	Drawn	Checked	Approved	Scale(s)	Alternative Reference	Date	Signed	Sheet
Suresh Pillai	Suresh Pillai	Chris Bolton	Alex Bradley	1:500	ELR & M&Ego	20/03/19		01 of 01

Drawing Number

32110100-08-ETR-DG-009

Revision

P02

Sheet Size A1+0 900 x 2