



Ref	Event	Note
1	Initial Discussions	<p>When CCC engaged with KR, to determine the crossing location they were advised of the issues, some being:</p> <ul style="list-style-type: none"> •The Xing shortens the Down Main so long trains sitting at the next signal will block the crossing. An extension to the Down Main and new connection is required. •The Xing location results in the westside Islington siding becoming redundant. •KR access the ballast siding with work trains from the east end which blocks the level crossing. I southern access/egress is required by way of new turnouts. •The Xing location requires the Up and Down Main to be realigned as you cannot have a curve through a Xing. <p>Initial figures provided by KiwiRail were indicative only as no designs had been progressed.</p>
2	COVID	<ul style="list-style-type: none"> - programme delays services/materials - design delays - resourcing impacted after COVID
3	Signalling Design	<p>KiwiRail has a select number of options available for the type of interlocking system required as part of the signals design for Halswell Junction Road. The preferred supplier indicated programme delays with other major projects of 18months and decision was taken to take the alternative option. The preferred designer indicated a period of 3 years for the design process. The design being undertaken by the alternative option is progressing but it is a complicated site.</p> <p>Note - at present (4/5/2023) the signalling design is on-going.</p>
4	Design change	Request to use the yard resulted in changes to scope and designs. Signals, track and civil designs are impacted.
5	RISKS REALISED CONTAMINATION	Asbestos discovered during works resulting in programme delays and additional cost managing risk and material.
6	Current Status	<p>Designs</p> <ul style="list-style-type: none"> - Civil Design Approved with minor details to be confirmed once signals design is complete - Track Design - minor adjustments required - Signals Design - on-going <p>Note - prefabrication for signalling equipment required before physical works can commence</p> <p>Construction</p> <ul style="list-style-type: none"> - KiwiRail are completing areas of construction were possible to advance programme although this strategy is unusual. Design process is usually complete in full before construction commences. <p>Procurement</p> <ul style="list-style-type: none"> - Challenges exist with materials and equipment required from around the world. Long lead items are being procured as early as possible. <p>Risk</p> <ul style="list-style-type: none"> - Contaminated material is a significant risk. - Issues arising from the signalling design process could result in delays or additional cost. - Procurement - delays possible with procurement process