

This table sets out the responsibility for diversion/protection work on the utilities for the Edinburgh Tram project. While the presumption is that the utility work will be carried out by MUDFA, there are certain elements of the work that would not be practical or possible for MUDFA to do, and certain elements where there would be a significant avoidance of re-work if Infraco does it.

Description	Allocation MUDFA/Infraco	Reasons	Risks to this allocation	Mitigation
Water connections	M	Advance Works	Not all diverted	Careful planning - customer complaints if connections left undone
Water Mains Diversion	M	Advance Works	Not all diverted	Site Investigation
Water Mains Protection	M/(I)	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	Needs diverted	Site Investigation
Water Insurance Pipes	M	Prevents Infraco stop-start	-	-
Sewers Diversions	M	Advance works	-	-
Sewer Refurbishment	M	Advance Works	-	-
Sewer Protection	M/(I)	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	Needs diverted	Site Investigation
Existing sewer connections	M	Advance works	-	-
New Gully connections	I	Depends on road construction	-	-
Telecoms Protect	M/(I)	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	Needs diverted	Site Investigation
Telecoms Slew/Lower	M	Advance Works	Not all diverted found by Infraco	Site Investigation
Telecoms Divert	M	Advance Works	Not all diverted found by	Site Investigation
Telecom Insurance Ducts	M	Prevents Infraco Stop-Start		
Gas Divert	M	Advance Works	Not all diverted	Customer complaints
Gas Protect	M/(I)	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	Needs diverted	Site Investigation
Gas Insurance Pipes	M	Prevents Infraco stop-start	-	-
Gas Connections	M	Advance Works	Not all diverted	Customer complaints
Scottish Power Divert	M	Advance Works	Not all diverted	Site Investigation
Scottish Power Protect	M/(I)	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	Needs diverted	Site Investigation
Scottish Power Insurance	M	Prevents Infraco stop-start	-	-
Domestic + Business connections	M	Advance Works	Not all diverted	Customer complaints
Street Furniture Power & Telecoms Divert	I/M	M: Advance works I: Details not available early	-	-
Protect	M/I	M – Advance works prevents Infraco Stop – Start I – Long longitudinal as allows continuous working and prevents rework.	-	-
New Ducting	M/I	M: If designed and physically possible given existing road layout. I: If not	-	-
OLE Poles	I	Infraco construction	Affects utilities designs	Plan early
SP transmission cables	I	Special provision by Infraco / SDS infrastructure redesign to avoid need to divert these cables	Design shows special provision not possible - work will be done by Scottish Power, earliest summer 2008.	Early planning and consultation between SDS utilities and infrastructure teams
BT cables at A8 by Gogar	I	Special provision by Infraco / SDS infrastructure redesign to avoid need to divert these cables	Design shows special provision not possible	Early planning and consultation between SDS utilities and infrastructure teams
BT cables at Roseburn street	I	Special provision by Infraco / SDS infrastructure redesign to avoid need to divert these cables	Design shows special provision not possible	Early planning and consultation between SDS utilities and infrastructure teams
Utility work dependent on prior structures work, eg cables in bridge decks	I	Work cannot be done until structure work, by Infraco, is completed.	-	-