

COST COMPARISON - STEEL PLATES -v- RADLOCK CARRIAGEWAY SYSTEM

DESCRIPTION OF WORKS (LABOUR & HIRE OF HIAB)	Hrs / Qty	Labour /	Rate	Steel Road Plates	Radlock Carriageway System
LAYOUT TRAFFIC LIGHTS & CONES FOR WORKING AREA	2.00	2.00	12.50	50.00	50.00
FLOOR SAW TRENCH OUTLINE	5.00	2.00	12.50	125.00	125.00
EXCAVATE HALF OF TRENCH & REMOVE SPOIL	2.00	1.00	12.50	25.00	25.00
HIAB - ON SITE TO LIFT PLATES	4.00	1.00	53.00	212.00	
LABOUR TO LIFT RADLOCK SYSTEM	0.50	2.00	12.50	12.50	12.50
PLATE HALF OF TRENCH - SRP	1.00	1.00	12.50	12.50	12.50
PLATE HALF OF TRENCH - RADLOCK	0.25	2.00	12.50		6.25
DRILL SRP's FOR PINS	2.00	2.00	12.50	50.00	
LAY TEMPORARY TARMAC AROUND SRP's	2.00	1.00	12.50	25.00	
RE-PLACE TRAFFIC LIGHTS & CONES FOR WORKING AREA	1.00	1.00	12.50	12.50	12.50
FLOOR SAW TRENCH OUTLINE	5.00	2.00	12.50	125.00	125.00
EXCAVATE REMAINDER OF TRENCH & REMOVE SPOIL	2.00	1.00	12.50	25.00	25.00
HIAB - ON SITE TO LIFT PLATES	2.00	1.00	53.00	106.00	
PLATE REMAINDER OF TRENCH	1.00	1.00	12.50	12.50	12.50
DRILL SRP's FOR PINS	2.00	2.00	12.50	50.00	
LAY TEMPORARY TARMAC AROUND SRP's	2.00	1.00	12.50	25.00	
LIFT PLATING TO ALLOW ACCESS TO EXCAVATION	4.00	1.00	53.00	212.00	
LABOUR TO REMOVE PINS]& TEMPORARY TARMAC	1.00	1.00	12.50	12.50	
LABOUR TO REMOVE RADLOCK SYSTEM	0.50	2.00	12.50		
HIAB - TO LIFT & REPLACE	2.00	1.00	53.00	106.00	
REPLACE PIPE IN EXCAVATION	2.00	2.00	12.50	50.00	50.00
HIAB - TO LIFT SRP's BACK IN TO PLACE	1.00	1.00	53.00	53.00	
FIT PINS	1.00	2.00	12.50	25.00	
REPLACE RADLOCK SYSTEM	0.50	2.00	12.50		12.50
LABOUR TO LAY TEMPORARY TARMAC	1.50	2.00	12.50	37.50	
HIAB - TO LIFT SRP's AWAY FROM EXCAVATION	2.00	1.00	53.00	106.00	
BACKFILL UPTO 150mm FROM ROAD SURFACE	2.00	2.00	12.50	50.00	50.00
HIAB - TO LIFT SRP's BACK IN TO PLACE	2.00	1.00	53.00	106.00	
LABOUR TO LAY TEMPORARY TARMAC	1.50	2.00	12.50	37.50	
FIT PINS	0.50	2.00	12.50	12.50	
HIAB - TO LIFT SRP's	2.00	1.00	53.00	106.00	
FLOOR SAW SRP's OUTLINE (EG: 10m X 1.2m)	4.00	2.00	12.50	100.00	
REMOVE TARMAC	2.00	2.00	12.50	50.00	50.00
REINSTATE TARMAC - SRP's REINSTATEMENT	4.00	4.00	12.50	200.00	
REINSTATE TARMAC - RADLOCK REINSTATEMENT	2.00	4.00	12.50		100.00
				2132.00	668.75
OWN / HIRED IN PLANT & MATERIALS	Week / Qty	Cost	SRP Cost	Radlock Cost	
TRAFFIC MANAGEMENT (Lights, Cones & Signs)	1.00	145.00	145.00	145.00	
FLOOR SAW	1.00	75.00	75.00	75.00	
3t EXCAVATOR c/w DRIVER	1.00	850.00	850.00	850.00	
5t DUMPER c/w DRIVER	1.00	650.00	650.00	650.00	
WACKER / PLATE	1.00	25.00	25.00	25.00	
STEEL ROAD PLATES	1.00	60.00	60.00		
RADLOCK CARRIAGEWAY SYSTEM	1.00	30.00	30.00	30.00	
TRANSPORT - STEEL ROAD PLATES TO / OFF SITE	2.00	20.00	40.00		
TRANSPORT - RADLOCK CARRIAGEWAY SYSTEM TO/OFF SITE	2.00	10.00		20.00	
PINS TO SECURE S.R.P.	24.00	5.00	120.00		
TEMPORARY TARMAC	15.00	6.00	90.00		
REINSTATEMENT - FOAM CONCRETE -depth of excavation 1.2m	6.00	70.00	420.00	420.00	
SRP's - REINSTATEMENT 10m X 1.2m	12.00	36.30	435.60		
RADLOCK REINSTATEMENT 10m X 0.6m	6.00	36.30		217.80	
			2940.60	2432.80	
TOTAL COST OF 10m X 0.6m TRENCH JOB OVER A WEEK PERIOD			£ 5,072.60	£ 3,101.55	

SAVING AGAINST TRADITIONAL SRP's £1,971.05

* WEEKLY HIRE OF SRP's	15.00	EACH	4 No. REQUIRED
** WEEKLY COST - RADLOCK OVER 3 YEARS (45 wks PA)	27.77		FOR FULL 10.6m CROSSING