

**Monitoring and Evaluation of Collision Reduction Schemes
Local Engineering Schemes Programme April 2010 to March 2013**

Site No	Location	Date works completed	Cost	Total No of Collisions within three Year Study Period	THree Year After			Collision Savings *
					YR 1	YR 2	YR 3	
1	A56 Hoole Way/Brook Street Chester Traffic Signals Improvement	May 10	£5k	14	1	2	1	£1.05 million
2	A5268 St Oswalds Way/Hoole Way Chester Street Lighting Improvement	Oct 10	£7k	16	1	2		£802,853
3	A559 Chester Way/Watling Street Northwich Signing Improvement	Nov 10	£5k	15	1	4		£523,600
4	A54 High St/Weaver Roundabout Winsford Signing & Lining Improvement	Nov 10	£8k	14	1	3		£558,506
5	A41 Chester Rd/Backford Cross Backford Signing & Lining Improvement	Nov 10	£16k	10	3	2		£174,533
6	Eaton Lane/Eaton Road Near Tarporley Surfacing Improvement	Nov 10	£41k	7	1	0		£383,973
7	A556 Chester Rd/Dalefords Lane Sandiway Red Light Safety Camera	Dec 10	£37k	11	1	0		£663,226
8	A41 Chester Road/Ledsham Road Little Sutton Signing & Lining Improvement	Jan 11	£1k	9	1	1		£418,880
9	A54 Middlewich Road/Abbey Lane Delamere Junction Visibility Improvement	Jan 11	£6k	7	3	2		-£34,906
10	Holmes Chapel Road Lach Dennis Surfacing & Improved Signing	Feb 11	£12k	9	7	0		-£104,720
11	B5082 Middlewich Road Rudheath Improvements to Reduce Child KSI's	Mar 11	£46k	23	4	6		£558,506
12	A54 Chester Rd/A49 Tarporley Rd Little Budworth Major Junction Improvement	Apr 11	£343k	9	1	1		£418,880
13	Clive Green Lane/Clive Back Lane Winsford High Friction Surfacing	July 11	£25k	8	1			£174,533
14	A51 Tarvin Roundabout/Jnc M53 Tarvin Resurfacing in conjunction with HA	Oct 11	£50k	14	2			£279,253
15	A49 Tarporley Road/Eaton Lane Tarporley Resurfacing, Signing & Lining	Oct 11	£20k	6	0			£209,440
16	B5130 Chester Rd/Sandy Lane Huntington Speed Limit Reduction	Feb 12	£3k	6	1			£104,720
17	A56 Main Street/Church Street Frodsham Puffin Crossing	Feb 12	£50k	9	1			£209,440
18	A56 Hoole Road/Westminster Rd Chester Signing & Lining Improvements	Feb 12	£2k	6	1			£104,720
19	A51 Tarpoley Road Duddon & Clotton Areas Speed Limit Reduction	Mar 12	£16k	6	2			£0

Site No	Location	Date works completed	Cost	Total No of Collisions within three Year Study Period	Three Year After			Collision Savings *
					YR 1	YR 2	YR 3	
20	A548 Nicholas St/Watergate St Chester Traffic Signal Improvement (Trial)	Mar 12	£48k	15	1			£418,880
21	A51 Boughton Jnc/Hoole Lane Chester Signing & Lining Improvement	Mar 12	£10k	7	1			£139,626
22	A5116 Liverpool Road Moston Speed Limit Reduction	Mar 12	£19k	7	3			£244,346
23	A49 Tarporley Rd (Red Fox Jnc) Tarporley Street Lighting Improvement)	Jan 13	£10k	8				
24	A49 Tarporley Rd (Red Fox) Tarporley Street lighting upgrade	Jan 13	£11k	8				
25	A548 Sealand Road/Ferry Lane Chester Signing, lining & surfacing	Feb 13	£26k	6				
26	A556 Chester Road/Abbey Lane Delamere Resurfacing	Mar 13	£75k	5				
27	A49 Warrington Rd/Willowgreen Weaverham Signing, lining & speed limit	Mar 13	£20k	4				
28	A559 Marston Ln/Ollershaw Ln Martson Junction Improvement	Mar 13	£61k	11				
29	Various Locations Northwich & Winsford Installation of Trixi Mirrors	Mar 13	£1k	0				
30	A5032 Chester Rd/Pooltown Rd Ellesmere Port Enhanced visibility of crossing	Mar 13	£1k	7				
31	Various Locations Chester & Ellesmere Port Installation of Trixi Mirrors	Mar 13	£1k	1				
32	A54 Chester Rd/Kelsall Bypass Kelsall Red light safety camera	Apr 13	£27k	5				
33	A56/M53 Roundabout to Mickle Trafford, Chester Signing, lining & speed limit	May 13	£10k	28				
	Totals		£1.01 Million	311				

* The average cost of a recorded injury collision as defined in Department for Transport (DfT) Transport Analysis Guidance 3.4.1 is £107,420. For engineering schemes that do not have a complete set of 3 year after data, collision savings have been calculated from the difference between the yearly average of the total collisions within the study period and the yearly average recorded after the period.