

NEW PRODUCTS AND TRIALS DATABASE

	New Product	New Product Under Review
	Trial to Commence	
	Trial in Progress	
	Trial Completed	

New Product Assessment										Trial				
ID	Date Raised	Product and Material Category	Product/Process Name	Status	Product Details	Product Info (Link)	Supplier Contact	Contact	Organisation	Comments	Start Date	Completion Date	Duration (days)	Location
8001	01/04/2006	5. Street lighting	TMP Flecta	Trial in Progress	Centre island internally illuminated Bollard. Photo electric charged LED illuminated. In general use on traffic islands, replacing internally lit bollards in the North Area.	http://www.traffic-products.co.uk/products/user.do?state=10010000		Raj Bami	Lambeth	The first model failed, replacement product installed June 2007. Both Lambeth and TIL have installed this product and are monitoring.	06/07/2008			
8002	01/01/2007	1. Pavement surfacing materials	Fibre Reinforced Paving Flags	Trial in Progress	Pavers reinforced with fibres and designed to have greater tensile strength to minimise expensive cracking and replacement.	http://www.marshalls.co.uk/select/fp/		Jim De Souza	TIL	Trial undertaken on A23, December 07, in high traffic/heavy traffic area which resulted in failures. Further trials to be conducted in more suitable conditions.	01/12/2007	01/01/2008	31	
8003	01/05/2007	1. Pavement surfacing materials	Recycled Micro Asphalt	New Product Under Review	Recycled Rubber in Asphalt.	http://www.jpccs.co.uk/pages/footways.htm	info@jpccs.co.uk	Jim De Souza	TIL					
8004	01/05/2007	10. Other	Durakerb	New Product Under Review	Durakerb is a light weight and environmentally friendly kerbstone that complies with Health & Safety guidelines on the manual handling of kerbstones. Manufactured from a blend of recycled polymers the kerbstone has been designed to be extremely lightweight while achieving loading in excess of 25 tons.	http://www.durakerb.com/productrange.asp	info@durakerb.com	Jim De Souza	TIL	Safety and Durability needs to be checked where these kerbs are used on site.				
8005	01/05/2007	1. Pavement surfacing materials	Recycled Micro Asphalt	Trial in Progress	Recycled Rubber in Asphalt, JPCCS Environmental Highway Maintenance		info@jpccs.co.uk	Rick Kerr	Islington		01/05/2007			
8006	23/05/2007	4. Traffic Signs and Markings	Heritage Solalite Bollard	Trial in Progress	Plastic moulded bollard with solar panel and internally lit blue arrow. General use on islands that require illumination replacing internally lit bollards.			Jim De Souza	TIL					
8007	01/06/2007	4. Traffic Signs and Markings	Olympic Lane Markings	New Product Under Review	Trials involving temporary paint for the Olympic Route Network (ORN) for the 2012 London Olympics.			Jim De Souza	TIL	Trial put on hold until funding is resolved.				
8008	01/06/2007	4. Traffic Signs and Markings	Hybrolight - solar and wind powered street lighting.	Trial in Progress	Electricity generated from wind turbine and solar panels and surplus is fed into the electricity grid for later use for the light in the hours of darkness.	www.eets.co.uk		Adam Glass	Hounslow	Monitoring commenced in June 08.	01/07/2007			
8009	14/06/2007	3. Street Furniture	Recycled Composite Granite Kerb and Flag System	New Product Under Review	Recycled Plastic Kerb Blocks.	http://www.durakerb.com/productrange.asp		Nicola Cheatham	TIL					
8010	14/06/2007	10. Other	Recycled Composite Granite Kerb and Flag System	Trial in Progress	Recycled Plastic Kerb Blocks. Durakerb - Technical Information			Rick Kerr	Islington		14/06/2007			
8011	01/07/2007	5. Street lighting	LUA sign light LED	New Product Under Review	LED sign light - externally illuminated sign light. photocell controlled LED sign light.	http://www.simmonsigns.co.uk/		Raj Bami	Lambeth					
8012	02/07/2007	9. Environmental measures	Grass Mesh	New Product Under Review	Grass Mesh Reinforcement for Verges and Splitter Islands.	http://www.hy-tex.co.uk/ht_geo_tr.html		Nicola Cheatham	TIL					
8013	01/09/2007	2. Footway materials	Rubber Footway Paving Slabs	Trial in Progress	Recycled rubber from car tyres cold pressed into 900 x 600 x 50 paving slabs.	www.holdfastsolutions.com		Jim De Souza	TIL	Trialed by AMP in yard and on site. Yard trials have concluded and onsite trials are yet to begin. Completion expected in early 2009.	01/09/2007	01/03/2009	547	AMP yard/Undecided
8014	12/09/2007	1. Pavement surfacing materials	Rhino Ironmaster	Trial in Progress	Reconstruction and stabilisation system for manholes and highway ironwork. Product comes with a 5 year warranty.	http://www.rhino-uk.com/ironmaster.html	malcolm.chalmers@rhino-uk.com	Jim De Souza	TIL	Check with north west area team where the product has been already used.				
8015	13/09/2007	1. Pavement surfacing materials	Rhinophalt	New Product Under Review	Asphalt Preservative Surface Treatment.	http://asipic.com/rhinophalt.html	malcolm.chalmers@rhino-uk.com	Jim De Souza	TIL	Initial business case undertaken suggests that the benefits are marginal and does not presently offer good value for money.				
8016	20/09/2007	4. Traffic Signs and Markings	Electroluminescent Signs	New Product Under Review	Traffic signs with layer of luminescent material externally powered.	http://www.one2seesigns.co.uk/	Mark@one2seesigns.co.uk	Jim De Souza	TIL					
8017	20/09/2007	4. Traffic Signs and Markings	INVINCA - LED internally illuminated signs	New Product Under Review	Traffic signs with an internal lighting unit behind the sign face.	http://www.simmonsigns.co.uk/invinca.htm	sales@simmonsigns.co.uk	Jim De Souza	TIL					
8018	20/09/2007	4. Traffic Signs and Markings	Electroluminescent Hooped Bollard	New Product Under Review			Mark@one2seesigns.co.uk	Jim De Souza	TIL					
8019	20/09/2007	4. Traffic Signs and Markings	LED Internally lit Hooped Bollard	New Product Under Review		http://www.woodhouse.co.uk/products.php		Jim De Souza	TIL					
8020	20/09/2007	4. Traffic Signs and Markings	WEEBOL - Reboundable Reflective Bollard	New Product Under Review	Plastic moulded bollard with reflective material that will rebound after being hit.	http://www.simmonsigns.co.uk/weebol.htm	sales@simmonsigns.co.uk	Jim De Souza	TIL					
8021	20/09/2007	4. Traffic Signs and Markings	Rebound Signmaster Bollards	New Product Under Review	Plastic moulded bollard with reflective material that will rebound after being hit.	http://www.glasdon.com/GlasdonUK/HierarchyProducts/rebound_signmaster%5bm%5d_bollards_1905_True.aspx		Jim De Souza	TIL					
8022	20/09/2007	4. Traffic Signs and Markings	TMP Flecta	Trial in Progress	Plastic moulded bollard with reflective material that will rebound after being hit. In general use on traffic islands, replacing internally lit bollards in the North Area.	http://www.traffic-products.co.uk/products/user.do?state=120201001		Jim De Souza	TIL	Both Lambeth and TIL have installed this product and are monitoring.				
8023	25/09/2007	1. Pavement surfacing materials	Foambase	New Product Under Review	Recycled asphalt product.	http://www.ringway.co.uk/page.php?show=92	rbuckles@ringway.co.uk	Jim De Souza	TIL					
8024	25/09/2007	1. Pavement surfacing materials	EME2	New Product Under Review	High strength long life asphalt base using polymer modified binder courses.	http://www.nynas.com/sa/node.asp?node=1668	paul.adby@nynas.com	Jim De Souza	TIL					
8025	03/10/2007	1. Pavement surfacing materials	Viafix	New Product Under Review	Pothole repair mix, ready to use straight from the bucket.		info@viatec.co.uk	Jim De Souza	TIL					
8026	12/10/2007	2. Footway materials	Hayfield Chatsworth Gritstone	New Product Under Review	Natural Stone Paving Flag - possible alternative to Yorkstone.	http://www.bbsbrickandstone.com/index2.html	Phil@BBSBrickandStone.co.uk	Jim De Souza	TIL					
8027	01/11/2007	5. Street lighting	Lemnis Outdoor Lighting	Trial Completed	LED Footway lighting.	http://www.lemnislighting.com/street_lighting.html	p.dominguez@lemnislighting.nl	Eddie Henry	TIL	Trialed at 'The Garden of Hope'. Product is not suitable and a poor use of funds.				The Garden of Hope
8028	07/12/2007	4. Traffic Signs and Markings	Intelligent Road Studs	New Product Under Review	Road studs are charges by photovoltaic cells and emit light using LED's.	http://www.clearviewtraffic.com/	graham.muspratt@clearviewtraffic.com	Jim De Souza	TIL	Product is good but low priority due to very limited use across our network.				
8029	19/12/2007	4. Traffic Signs and Markings	Belisha Beacon - Module	New Product Under Review	LED illuminated belisha beacon.	http://www.simmonsigns.co.uk/modulbel.htm	sales@simmonsigns.co.uk	Jim De Souza	TIL					
8030	19/12/2007	4. Traffic Signs and Markings	Wilkinson LED Belisha	New Product Under Review	LED illuminated belisha beacon.	http://www.johnwilkinsonltd.com/products/wilkinson-led-belisha-and-cic-luminaire	Philip Humby	Jim De Souza	TIL					
8031	01/01/2008	1. Pavement surfacing materials	Pacopatch	New Product Under Review	Pacopatch is a flexible polymer-modified mastic asphalt used primarily to permanently reinstate perished surfacing around manholes and other street ironworks. It comes in the form of Quality Assured factory manufactured, mastic asphalt bricks in a layer of polymer-modified mastic asphalt grout. Back-filling with additional grout then produces a void-free, impermeable and permanent reinstatement and can be topped-off in a range of surface finishes. Pacopatch requires no compaction.	http://www.rowspace.co.uk/henrywilliams/main_pacopatch.html	shawsteve@talktalk.net	Jim De Souza	TIL					
8032	01/02/2008	1. Pavement surfacing materials	Poro elastic Road Surface	New Product Under Review	A poro elastic road surface is a wearing course made essentially of rubber granules bound together with a binder and with a selection of particle sizes resulting in a porous structure. The main objective is to reduce tyre noise.	http://www.trf.co.uk/silvia/Silvia/pdf/AssocIated_Reports/SILVIA-VI-006-00-WP4-030605.pdf	pmorgan@trf.co.uk	Jim De Souza	TIL					
8033	01/02/2008	5. Street lighting	Hammerhead LED	New Product Under Review	LED street lighting unit.	www.advanced-led.com		Trevor R	LB Hackney					
8034	06/02/2008	10. Other	TextureBlast	New Product Under Review	Steel Shot retexturing of asphalt surfacings.	www.textureblast.net	Matthew Lowe	Jim De Souza	TIL	Method is used by Highways Authority through out UK. Their review can be taken about the product				
8035	03/03/2008	4. Traffic Signs and Markings	Euromark Organic Red Route	Trial in Progress	Red road marking paint with an organic red pigment.		nmith@ringway.co.uk	Jim De Souza	TIL	Scheme Identified for trialling in 0809 programme				
8036	39539	1. Pavement surfacing materials	Edinburgh - Granite Pavement	New Product Under Review	Granite setts used in carriageway construction relies on a monolithic block structure of a reinforced concrete slab and granite slabs laid using a polyurethane mortar.			Jim De Souza	TIL	Limited data on the structural behaviour of stone paving that is subject to the movement of modern day traffic. For TIL areas of concern are maintenance liability, skidding resistance, accessibility and noise.				
8037	39539	6. Flora and related products	Streetpot	New Product Under Review	Lightweight pre cast concrete system that has been designed to provide a solution to the planting of trees in pavements and pedestrian used locations. Approx Dimensions 800 x 800 x 250mm U shaped with a wall thickness of 100mm tapering down to 75mm. The product trade name is Skikrete and is manufactured to BS1217:1997 Cast Stone.		chris@streettree.org	Nicola Cheatham	TIL	Includes root deflectors to minimise disruption to surrounding pavement through root upheaval.				
8038	39539	1. Pavement surfacing materials	Vegecol	New Product Under Review	An entirely vegetable based alternative to bitumen and petroleum resin binders, carrying massive potential for the pavement sector. The material, Vegecol, could mean significant reduction in highway authorities' energy consumption and a decoupling of their projects from rising crude prices. It also lowers asphalt mix temperature by up to 40 degrees C; reducing fuel consumption and emissions at the plant. Vegecol, which consists of natural substances of agricultural, vegetable origin, is manufactured at the Vitrolles site of Colas's parent company Colas SA in France. In Europe Vegecol has been used to produce asphalt mixes for surface and base course asphalts. In the UK, Colas has used the new material during surfacing of footways in Portsmouth - with great success - and is now looking to use it elsewhere. Anywhere bitumen is usually used, Vegecol can be used instead.	http://www.colas.co.uk/colas-news-article-detail.asp?menuld=18&article=75	info@colas.co.uk	Jim De Souza	TIL	Suitable for footway construction. Manufacturer Colas has become reluctant to trial the product as a full depth asphalt and had moved to marketing it instead as a surface treatment. Additionally the only plant manufacturing the product is in the far south of England.				

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8039	39539	7. Maintenance methods and techniques	Magic Cote	New Product Under Review	Magic Cote is a low VOC, aqueous surface protection system that gives a durable protective barrier against chewing gum on stone, concrete, tiles, brick, block paving, marble, tarmac and other porous or mineral surfaces. Although chewing gum sticks to surfaces coated with Magic Cote, it does not adhere and can be removed easily by conventional street cleaning equipment. Non-hazardous, the product can be applied by one person using a low pressure sprayer, roller, brush or mop, at a rate of 250mL/m2. It requires no resin binder system and is therefore odourless. Magic Cote is said to be non-slip and UV-resistant. Re-applications is not necessary for up to 10 years and treated areas can be used by pedestrians straight after application.	www.magiccote.co.uk		Jim De Souza	TIL	Has been suggested by Westminster's Director of Transportation. Havering council have also used the product with less success.				
8040	01/05/2008	7. Maintenance methods and techniques	Permanent street marking removal via water jetting. (Yellow box junctions).	Trial Completed	Removal of line marking with high pressure water jetting.	Various		Jim De Souza	TIL	All three areas have different contractors performing the operation. Central have had mixed results - due to markings being in good condition, during the jetting process bitumen was lost with the paint leaving the pavement with much loose stone. However the pavement has stabilised and apart from unsightly marks post-jetting the project was successfully carried out. North was a similar result with less stone loss and South's intersection was very cleanly done with generally no stone loss. Scouring/scaring marks were substantial in all areas however these marks have faded significantly over the past few months.	01/06/2008	01/09/2008	92	Central: Farrington/Ludgate/Fleet. South: Greenwich South/Blackheath. North: Madeley/Hanger Lane
8041	01/06/2008	7. Maintenance methods and techniques	Experimental Pavement design at Bus Stops.	Trial to Commence				Jim De Souza	TIL					
8042	18/06/2008	1. Pavement surfacing materials	Eco-Mac	New Product Under Review			info@jpc.co.uk	Jim De Souza	TIL	Waiting on details from supplier.				
8043	01/07/2008	5. Street lighting	Celstar 2	Trial in Progress	Zebra crossing flashing Beacons. dims at night controlled by photocell.	Design Plan		Raj Bami	Lambeth	Installed on two zebra crossings in Railton Road 24hr operations power consumption .ped safety increase life reduce maintenance cycle comments welcomed.				Railton Road
8044	01/08/2008	2. Footway materials	StreetPrint	Trial in Progress	Process of heating asphalt, imprinting limitless designs and the option of applying limitless range of paint colours. Seen as a potential replacement for pavers/flags, especially where there is limited depth available.	http://www.integratedpaving.com/		Jim De Souza	TIL	Trial undertaken near Vauxhall station. Further trials to be undertaken within Camden.	01/09/2008	On going	#VALUE!	Vauxell
8045	01/08/2008	5. Street lighting	LED street Light	Trial to Commence	Street light lanterns.		Rue Industries	Raj Bami	Lambeth	Installation requested in Stockwell Green Passage 9 on order by DW).				Stockwell Green Passage
8046	01/08/2008	10. Other	Iron Master	Trial Completed	Polyester resin based bedding. Ironmaster - Tech. Info	Ironmaster - Tech. Info	info@rhino-uk.com	J. Gbagbo	Redbridge	Successful	14/06/2006			
8047	01/08/2008	1. Pavement surfacing materials	Hardicrete	Trial Completed	Heavy duty fuel resistant surface. Mile macadam	Mile macadam	mm@milesacadam.co.uk	J. Gbagbo	Redbridge	Successful	15/01/2007			
8048	01/08/2008	2. Footway materials	FPI	Trial Completed	cementitious kerb repair mortar. Instarmac Group	Instarmac Group	daviy@instarmac.co.uk	J. Gbagbo	Redbridge	Successful	30/05/2008			
8049	01/08/2008	1. Pavement surfacing materials	Micro Asphalt	Trial in Progress	Micro asphalt -surface treatment. Kiely Bros	http://www.kielybros.co.uk/		J. Gbagbo	Redbridge		TBA			
8050	01/08/2008	10. Other	Enviro bed	Trial in Progress	cementitious kerb repair mortar (an alternative to resin). Surfacing trial from Islington. Instarmac Group	Instarmac Group	daviy@instarmac.co.uk	J. Gbagbo	Redbridge		TBA			
8051	14/08/2008	6. Flora and related products	Slow growing grass mix.	New Product Under Review	Replace existing grass central reserve areas with a slow growing grass mix.			Phil Hurst	TIL	Proposed location				A1x40, Finchely
8052	14/08/2008	6. Flora and related products	Glyphosate based herbicide.	New Product Under Review	Ameliorate and improve existing soil conditions			Phil Hurst	TIL	Proposed location				A40, Paddington
8053	14/08/2008	6. Flora and related products	Total Translocated Herbicide.	New Product Under Review	At least three glyphosate based herbicide to grass areas between April and September; fertilise and over sow with the approved grass seed mix.			Phil Hurst	TIL	Proposed location				A10, Enfield
8054	14/08/2008	6. Flora and related products	Growth retardant containing Maleic Hydrazide or similar approved chemical.	New Product Under Review	Treatment of the verge with growth retardant.			Phil Hurst	TIL	Proposed location				A40, Perivale
8055	14/08/2008	6. Flora and related products	Growth retardant and selective herbicide (Maleic Hydrazide + MCPA +Dicamba), or similar approved chemical.	New Product Under Review	Treatment of the verge with growth retardant and selective herbicide			Phil Hurst	TIL	Proposed location				A40, Northolt
8056	07/10/2008	1. Pavement surfacing materials	Micro - Asphalt/Surface Dressing	Trial in Progress	Micro - Asphalt/Surface Dressing			Frank Schubert	Havering					
8057	21/06/2008	4. Traffic Signs and Markings	TMP Heritage Bollard	New Product Under Review	Plastic rebound bollard	http://www.traffic-products.co.uk	info@traffic-products.co.uk	D Franks	Westminster CC		21/06/2008			
8058	21/06/2008	4. Traffic Signs and Markings	TMP Solarlite Bollard	New Product Under Review	Illuminated plastic rebound bollard	http://www.traffic-products.co.uk	info@traffic-products.co.uk	D Franks	Westminster CC		21/06/2008			
8059	01/05/2008	4. Traffic Signs and Markings	CELstar 2	Trial to Commence	Replacement LED lamp	http://www.charlesendirect.com	info@charlesendirect.com	D Franks	Westminster CC	All units working well / Successful	01/05/2008	01/08/2008	92	
8060	01/04/2008	4. Traffic Signs and Markings	LED Sign	Trial Completed	Simmons sign Invinca	http://www.simmonsigns.co.uk		D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8061	01/04/2008	4. Traffic Signs and Markings	LED Sign	Trial Completed	Cromatica			D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8062	01/04/2008	5. Street lighting	LED Street Light	Trial Completed	LEDF LED Street Light	http://www.1.globalled.co.uk	info@1pc-ltd.co.uk	D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8063	01/12/2008	5. Street lighting	LED Street Light	Trial Completed	Urbis Light Engine	http://www.urbislighting.com		D Franks	Westminster CC		01/12/2008	01/08/2009	243	
8064	01/04/2008	5. Street lighting	Leafnut Remote Monitoring	Trial Completed	Harvard LeafNut Remote Monitoring System		Andrew.Jackson@harvardeng.com	D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8065	01/04/2008	5. Street lighting	Leafnut Remote Monitoring	Trial Completed	Zodion Vision Remote Monitoring System		brian.clewley@zodiontd.eu.com	D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8066	01/04/2008	5. Street lighting	Leafnut Remote Monitoring	Trial Completed	Telensa Remote Monitoring System		wq@telensa.com	D Franks	Westminster CC		01/04/2008	01/04/2009	365	
8067	01/08/2008	5. Street lighting	Leafnut Remote Monitoring	Trial Completed	Datek/RT Remote Monitoring System		john.charles@tnb.com	D Franks	Westminster CC		01/08/2008	01/04/2009	243	
8068	01/09/2008	4. Traffic Signs and Markings	Solar Belisha Beacon	Trial Completed	Ticknal solar solutions	http://www.ticknalsolar.com	Tickcomms@aol.com	D Franks	Westminster CC		01/09/2008	01/04/2009	212	
8069	08/07/2007	4. Traffic Signs and Markings	Electro luminescent signs	Trial Completed	One 2 See, electro luminescences signs	www.one2seedp.co.uk	Mark@one2seedp.co.uk	D Franks	Westminster CC	This trial has been unsuccessful due to the high levels of ambient lighting this product may be better suited to areas of low ambient lighting levels.	08/07/2007	01/08/2008	390	
8070	01/08/2008	3. Street Furniture	Dacsil 200 paint system with anti-fly	Trial Completed	Dacrylate "easy clean" paint		phil.copson@dacrylate.co.uk	D Franks	Westminster CC		01/08/2008	01/04/2009	243	
8071	11/10/2007	1. Pavement surfacing materials	Viafix	Trial Completed	Insland Road Repair System	www.viatec-uk.com		Rakesh Vaghela	Westminster CC	Trials have been successful with consideration to extend product use	11/10/2007	27/03/2008	168	
8072	18/09/2007	2. Footway materials	Ultracrete Flowpoint	Trial Completed	Rapid Setting Grout	www.instarmac.co.uk		Rakesh Vaghela	Westminster CC	Good high strength gain along entire joint and easy application	18/09/2007	18/09/2007	0	
8073	01/01/2006	1. Pavement surfacing materials	Rhinopatch	Trial in Progress	Permanent infra-red road repair	www.asipic.com/rhinopatch		John Roberts	Westminster CC	A good solution to specific types of defects, eg small areas of fretted, oxidized or cracked surfacing.	01/01/2006	c2006	#VALUE!	

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8074	13/08/2008	10. Other	Retromax	Trial Completed	Gully gratings	www.peter-savage.co.uk	Peter Savage Limited Head Office Liberty House Liberty Business Park Attleborough Nuneston Warwickshire CV11 6RZ	Rakesh Vaghela	Westminster CC	More expensive than conventional gully gratings - early to comment if trial will be successful	13/08/2008	20/08/2008	7	
8075	01/11/2008	1. Pavement surfacing materials	Mastershield	New Product Under Review	Fuel resistant asphalt	www.tarmac.co.uk	Tarmac Limited Millfields Road Ettingshall Wolverhampton WV4 6JP	Rakesh Vaghela	Westminster CC	Awaiting trial to be implemented on site	TBA	TBA	#VALUE!	
8076	14/04/2008	1. Pavement surfacing materials	Iron Master	Trial Completed	Reconstruction and stabilisation system for manholes and highway ironwork	http://www.rhino-uk.com/ironmaster.html		John Roberts	Westminster CC	Good product. Used in Trafalgar Square, with extremely high vehicle volumes and loads. Generally lasted very well.	14/04/2008	25/04/2008	11	