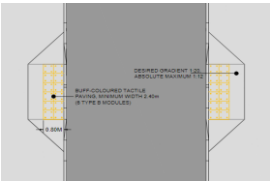

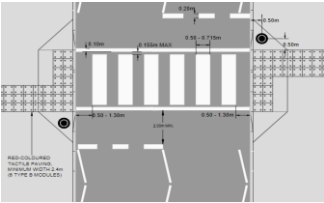

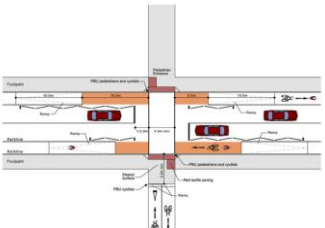

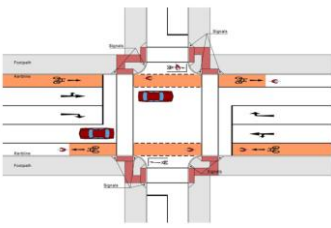

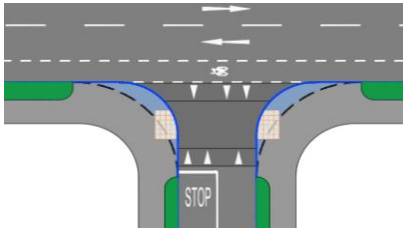

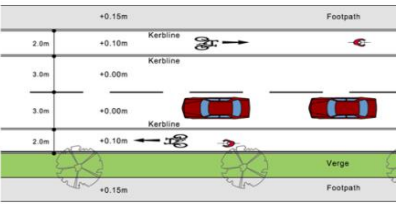

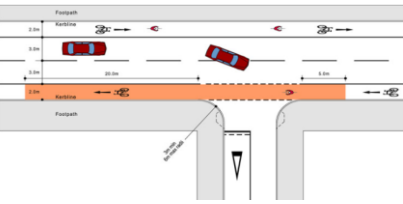



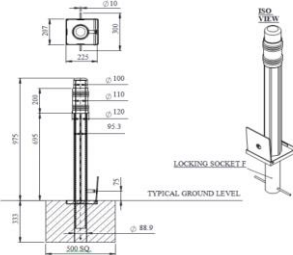

















Version 1: 20/08/2021			Note: cost ranges below are indicative for approximate estimating purposes only		
Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Pedestrian Crossing Facilities					
SZ-101	 <p>Uncontrolled Crossing (TII Publications)</p>	 <p>Hartstown Road, Dublin</p>	<p>Description: Uncontrolled crossing (insitu concrete dished footpath and dropped kerb; tactile paving) Dimension: Varies (crossing width minimum 2m wide) Standards/Guidance: DMURS (Section 4.3.2), TII: CC-SCD-5000 Series, National Cycle Manual (NCM) (Section 4.7.1) Colour: Buff colour tactile paving Cost Estimate: €8,000 - €12,000 per item (not including raised table)</p>	<p>Consider gradient from existing footpath to carriageway. Raised table, if desired, is required to be kerb to kerb construction which may incur additional costs due to drainage impacts, budget estimate €7,000 - €10,000, depending on carriageway width.</p>	Multiple suppliers
SZ-102	 <p>Zebra Crossing (TII Publications)</p>	 <p>Belgard Square, Dublin</p>	<p>Description: Zebra crossing (belisha beacons, tactile paving, road markings) Dimension: Varies (crossing width minimum 2m wide) Standards/Guidance: DMURS (Section 4.3.2), Traffic Signs Manual (Chapter 7.16), TII: CC-SCD-5000 Series, NCM (Section 4.7.2) Colour: Red colour tactile paving Cost Estimate: €25,000 - €35,000 per item (not including raised table)</p>	<p>Suitable for lower speed environments with moderate pedestrian and traffic activity. Solar powered belisha beacons could be considered as an alternative to hardwire connections to electricity supply. Raised table if desired, is required to be kerb to kerb construction which may incur additional costs due to drainage impacts, budget cost €7,000 - €10,000 per item, depending on carriageway width.</p>	Multiple suppliers
SZ-103	 <p>Toucan Crossing (NCM)</p>	 <p>Ballyroan Road, Rathfarnham</p>	<p>Description: New Toucan crossing (traffic signals, tactile paving, ramp, road markings) Dimension: Varies (crossing width minimum 2m wide) Standards/Guidance: DMURS (Section 4.3.2), Traffic Signs Manual (Chapter 7.16), TII: CC-SCD-5000 Series, NCM (Section 4.7.2) Colour: Red colour tactile paving Cost Estimate: €50,000 - €80,000 per item</p>	<p>Shared pedestrian priority area should be minimum of 5m wide from end of cycle track to edge of road, with sufficient sight triangles, to give time for traffic and cyclists to see each other.</p>	Multiple suppliers
SZ-104	 <p>Ped. Crossings (National Cycle Manual)</p>	 <p>Carysfort Avenue, Blackrock</p>	<p>Description: New pedestrian crossings on all arms of junction (traffic signals, tactile paving, road markings) Dimension: Varies Standards/Guidance: DMURS (Section 4.4.3), Traffic Signs Manual (Chapter 9), NCM (Section 4.4), TII: CC-SCD-5000 Series Colour: Red colour tactile paving Cost Estimate: €100,000 - €150,000 per item</p>	<p>Consider providing all-red traffic stage to allow for warp around green man pedestrian phase. Toucan crossings may be required on cycle routes. Ensure adequate crossing widths/dwelling areas to cater for pedestrian/cyclist activity.</p>	Multiple suppliers







Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Junction Treatment					
SZ-105	 <p>Junction tightening and entry treatment</p>	 <p>Pottery Road, Dun Laoghaire</p>	<p>Description: Side Road Tightening (concrete build-outs to reduce road width; reduced corner radii; tactile paving; raised entry treatment)</p> <p>Dimension: Varies</p> <p>Standards/Guidance: DMURS (Section 4.3), NCM (Section 4.9), NTA Advice Note - Junction Tightening Schemes (NTA/TD/AN1, July 2021)</p> <p>Colour: Buff colour tactile paving</p> <p>Cost Estimate: €30,000 - €50,000 per item</p>	<p>May require additional drainage as a result of raised entry treatment.</p> <p>Consider continuing footpath across junction mouth to increase pedestrian priority.</p>	Multiple suppliers
Cycling Facilities					
SZ-106	 <p>Raised Cycle Track (NCM)</p>	 <p>Main Road, Tallaght, Dublin</p>	<p>Description: Raised cycle tracks and adjacent footpaths</p> <p>Dimension: Varies</p> <p>Standards/Guidance: NCM (Section 4.3.4 and 5.6), TII: DN-GEO-03047</p> <p>Colour: Black SMA surface, option to use red or buff colour surface treatment</p> <p>Cost Estimate: €2M per km (including new footpath, cycle track, drainage, lighting)</p>		Multiple suppliers
SZ-107	 <p>Red Colour Surface Treatment (NCM)</p>	 <p>Hartstown Road, Dublin</p>	<p>Description: 6mm chips broadcast on epoxy resin. Surface treatment only (on existing cycle lane)</p> <p>Dimension: Varies</p> <p>Standards/Guidance: NCM (Section 5.6), TII: DN-GEO-03047</p> <p>Colour: Red coloured surfacing</p> <p>Cost Estimate: €40 - €55 per sq.m</p>	<p>Red colour surfacing across junctions and at conflict locations to improve legibility, per NCM.</p> <p>Consider buff colour surface treatment (away from conflict areas) to highlight presence of cycle lane/track.</p>	Multiple suppliers
SZ-108	 <p>Shared Pedestrian and Cycling Route</p>	 <p>Glounthaune, Co. Cork</p>	<p>Description: Shared surface for pedestrians and cyclists.</p> <p>Dimension: 4m wide minimum</p> <p>Standards/Guidance: NCM (Section 1.9.3); TII Publication: Rural Cycleway Design (Offline) DN-GEO-03047, Traffic Signs Manual (Chapter 5.18)</p> <p>Colour: typically black SMA</p> <p>Cost Estimate: €1M - €1.5M per km</p>	<p>Route should be 4m wide minimum and should include public lighting.</p>	Multiple suppliers

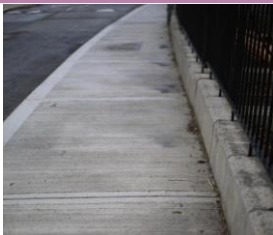




Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Bollards					
SZ-109	 <p>Pencil Shaped Rigid Bollards</p>	 <p>Barry Avenue, Finglas West, Dublin</p>	<p>Description: Rigid Pencil Bollard (polyurethane cast around a steel core)</p> <p>Dimension: 1000mm high, 80mm Dia.</p> <p>Standards: TII: CC-SPW-01200</p> <p>Connection: Retention socket or cast in place</p> <p>Colour: SRTS yellow colours only (RAL 1018 or RAL 1023)</p> <p>Cost Estimate: €200 - €250 per bollard</p>	<p>Check footpath width. Bollards should be placed in carriageway if footpath space is insufficient (passively safe bollards are preferred in this case).</p>	<p>Shergan Traffic Solutions</p>
SZ-110	 <p>Pencil Shaped Flexible Bollards</p>	 <p>O'Brien's Place, Youghal, Co. Cork</p>	<p>Description: Flexible Pencil Bollard (polyurethane)</p> <p>Dimension: 1000mm high, 80mm Dia.</p> <p>Standards: TII: CC-SPW-01200</p> <p>Connection: Retention socket or bolt down</p> <p>Colour: SRTS yellow colours only (RAL 1018 or RAL 1023)</p> <p>Cost Estimate: €240 - €380 per bollard</p>	<p>Check footpath width. Bollards should be placed in carriageway if footpath space is insufficient</p>	<p>X-last-pencil-bollard</p>
SZ-111	 <p>Flexible Bollards</p>	 <p>Werburgh Street, Dublin City</p>	<p>Description: Flexible Bollard - Cycle segregation</p> <p>Dimension: 800mm/1000mm high, 80mm Dia.</p> <p>Standards: TII: CC-SPW-01200</p> <p>Connection: Screw/Dowel and glue</p> <p>Colour: typically black or orange (with reflective bands)</p> <p>Cost Estimate: €90 - €105 per bollard</p>	<p>Ideal for quick-build cycle schemes. Ongoing maintenance required to replace missing and damaged bollards.</p>	<p>Quick-flex bollard</p>






Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Signs					
SZ-112	Driver Feedback Signs		<p>Description: Vehicle activated traffic sign with interactive display depicting actual vehicle speed.</p> <p>Dimension: N/A</p> <p>Standards: Traffic Signs Manual (Chapter 3.8)</p> <p>Power supply: hardwire connection to electricity supply or solar powered</p> <p>Connection: pole mounted in retention socket or root fixed</p> <p>Colour: N/A</p> <p>Cost Estimate: €2,400 + €450 installation (ex VAT)</p>	Detection can be by means of above-ground radar detection or inductive loops in the carriageway.	Multiple suppliers
SZ-113	 School Ahead and Amber Warning Signals (can be used with periodic speed limit)		<p>Description: Periodic Speed Limit Sign with School Ahead Warning Sign supplemented with Flashing Amber Signals</p> <p>Dimension: N/A</p> <p>Standards: Traffic Signs Manual (Chapter 6.17)</p> <p>Power supply: hardwire connection to electricity supply or solar powered</p> <p>Connection: pole mounted in retention socket or root fixed</p> <p>Colour: N/A</p> <p>Cost Estimate: €1,700 (ex VAT) or €3,850 with periodic speed limit. Including installation.</p>	The warning signals may be used in combination with a periodic speed limit sign where appropriate.	Multiple suppliers
Road Markings					
SZ-114			<p>Description: 'Circles' Road Marking (Thermoplastic), sited 8m in advance of a School Zone markings</p> <p>Dimension: Pattern with four fixed size diameter circles; 2m, 1.5m, 1.0m, 0.8m</p> <p>Standards: TII: CC-SPW-01200, Traffic Signs Manual</p> <p>Colour: RAL3027, RAL1024, RAL1016, RAL1023, RAL6017</p> <p>Cost Estimate: €75 - €150 per item</p> <p>Description: 'School Zone' Road Marking (Thermoplastic)</p> <p>Dimension: Varies, DCC use</p> <p>Standards: TII: CC-SPW-01200, Traffic Signs Manual</p> <p>Colour: White text on yellow background</p> <p>Cost Estimate: €200-250 per item</p>		Ecoflex https://www.ecoflex.ie/copy-of-safetrack-sc-coloured-surfa





Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Road Markings					
SZ-115	 Virtual Speed Ramp	 Monasterevin, Kildare	Description: 'Virtual Speed Ramp' Road Marking (Thermoplastic) i.e. no vertical deflection Dimension: Varies Standards: TII: CC-SPW-01200, Traffic Signs Manual Colour: White road marking on red surface Cost Estimate: €200 - €250 per item	The effectiveness of the ramp may diminish over time as drivers become familiar with the road markings.	Multiple suppliers
Road Pavement Surfacing					
SZ-116	 Cold Applied High Friction Surface	 Calrendon Street, Dublin	Description: Cold applied high friction surface Dimension: Varies Standards: TII: DN-PAV-03024, CC-SPW-700 to 1000, minimum skid-resistance value (SRV) of 65 Colour: Buff Cost Estimate: €38 - €40 per sq.m	Instant visual impact. The buff surface colour will become darker over time due to traffic wear. Reapplication may be required if services trenches are cut through pavement.	Multiple suppliers
SZ-117	Black SMA with coloured chip	 Frascati Road, Blackrock	Description: Standard black polymer modified bitumen blended with coloured aggregate. Over time the surface bitumen wears off and the natural aggregate is exposed. The exposure process can be accelerated shot blasting the surface approximately one month after initial laying. Dimension: Varies Standards: TII: DN-PAV-03024, CC-SPW-700 to 1000, minimum skid-resistance value (SRV) of 65 Colour: typically buff or red coloured chip Cost Estimate: €55 - €60 per sq.m	The coloured aggregate takes time to get exposed following surface treatment or traffic wear.	Multiple suppliers

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Road Pavement Surfacing					
SZ-118	SMA with coloured binder		Description: Coloured pigment blended with coloured aggregate Dimension: Varies Standards: TII: DN-PAV-03024, CC-SPW-700 to 1000, minimum skid-resistance value (SRV) of 65 Colour: typically buff or red Cost Estimate: €50 - €60 per sq.m	Limited examples on heavily trafficked routes. Tends to darken over time due to vehicle tyres.	SIAC Duracolour
SZ-119	 Hot Rolled Asphalt With Coloured Chippings	 Main Street, Bray, Co Wicklow	Description: Coloured chippings in HRA Dimension: Varies Standards: TII: DN-PAV-03024, CC-SPW-700 to 1000, Colour: Varies (typically: red, buff, granite colour) Cost Estimate: €10 - €15 per sq.m	Durable solution	Multiple suppliers
SZ-120	 Imprinted Asphalt Pavement	 Western Road, Cork city	Description: Imprinted asphalt pavement Dimension: Varies Standards: DMURS, TII: CC-SPW-700 to 1000 Colour: Varies (typically grey or red) Cost Estimate: €65 -€100 per sq.m	May not be suitable on roads with higher speed or high traffic volumes.	www.hitexinternational.com
					www.tarstone.ie
SZ-121	 Imprinted Asphalt In Median	 Taff Embankment, Cardiff	Description: Central strip imprinted asphalt Dimension: Varies Standards: DMURS, TII: CC-SPW-700 to 1000 Colour: Varies (typically grey) Cost (Date): €65 - €100 per sq.m	May not be suitable on roads with higher speed or high traffic volumes.	www.hitexinternational.com
					www.tarstone.ie







Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Road Pavement Surfacing					
SZ-122	 Stone Setts Rumble Strip	 Western Road, Cork City	Description: Stone Setts Rumble Strip full road width installed as a surface feature Dimension: Varies Standards: DMURS (Advice Note 2) https://www.dmu.ie/supplementary-material Colour: Natural stone Cost Estimate: €250 - €300 per sq.m	Should be used in lower speed environments only; consider noise impacts particularly in residential areas; use of high-strength mortar bedding (such as SteinTec or equivalent) should be considered.	Multiple suppliers
SZ-123	 Traffic Calming Ramp	 Beaver Row, Dublin	Description: Speed ramps/raised tables Dimension: Varies with design special considerations should be applied along bus routes to accommodate movements Standards: DMURS Colour: Black SMA Cost Estimate: €4,000 - €6,000 cost per item. Note that drainage and location will affect cost significantly	The flat-top length of the ramp should be extended to 6m on bus routes. On/off ramp gradients should be a maximum of 1 in 20. Note that drainage and location could affect cost significantly.	Multiple suppliers
Footways					
SZ-124	Concrete Footpath Reconstruction	 Hartstown Road, Dublin	Description: In-situ concrete reconstruction (Remove and replace approximately 100mm deep concrete footpath) Standards: TII: DN-PAV-03026, CC-SPW-01100 Cost Estimate: €200 per m (assume 2m wide footpath)	-	Multiple suppliers
SZ-125	Imprinted Concrete Footpath	 Dromahane, Cork	Description: Imprinted concrete footpath Standards: TII: DN-PAV-03026, CC-SPW-01100 Cost Estimate: €80 - €105 per sq.m	-	www.hitexinternational.com www.tarstone.ie

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Footways					
SZ-126	Insitu Concrete Footpath - Full Construction	 Grange Road, Rathfarnham, Dublin	Description: New Footpath Construction Standards: TII: DN-PAV-03026, CC-SPW-01100, The Construction Standards for Road and Street Works in Dublin City Council Cost Estimate: €300,000 - €500,000 per km (including drainage, lighting)	-	Multiple suppliers
SZ-127	Exposed Aggregate Footway	 Dublin Castle, Dublin City	Description: Exposed Aggregate Footpath 100mm concrete surface, laid on 100mm base constructed on acceptable material. Retardant applied on surface and power washed Standards: TII: DN-PAV-03026, CC-SPW-01100 Colour: Varies (aggregate/concrete) Cost (Date): €120-170 p/m ² (Aug 2021)	Ensure sufficient slip resistance.	Multiple suppliers
SZ-128	 Resin bonded surface treatment	 Dundrum, Dublin	Description: Footpath surface treatment - bound pebble surface (e.g. Daltex Golden Pea Dried Gravel, 1-3mm) Standards: TII: DN-PAV-03026, CC-SPW-01100 Colour: Varies (typically buff) Cost (Date): €55-65 price per m ² (Aug 2021)	-	daltex-golden-pea-1-3mm
SZ-129	Quick-build footway area (rubber kerb and slotted linear drains)	 Capel Street, Dublin	Description: Quick-build footpath build-outs (plastic kerb; coloured asphalt footpath) Standards: TII: DN-PAV-03026, CC-SPW-01100 Colour: Varies (typically buff colour) Cost Estimate: €200 - €250 per sq.m	-	-

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Footways					
SZ-130	Quick-build footway area (concrete kerb and slotted linear drains)	 Dundrum, Dublin	Description: Quick-build footpath build-outs (insitu concrete kerb; coloured asphalt footpath) Standards: TII: DN-PAV-03026, CC-SPW-01100 Colour: Varies (typically buff colour) Cost Estimate: €200 - €250 per sq.m	-	-
Street Furniture					
SZ-131	 Cycle Stands	 Conyngham Road, Dublin	Description: Cycle Stands (Sheffield Stands) Dimension: 750mm wide x 1000mm tall, 2.5mm wall thickness Connection: varies; bolt down, buried flanged fixing, retention socket Colour: Typically stainless steel; or consider School Zone standard colours RAL1034, RAL3014, RAL1018, RAL6017 Cost Estimate: €300 - €400 per item inc. foundation system	-	Multiple suppliers
SZ-132	 Colour Themed Street Seating	 Main Street, Killeagh, Co. Cork	Description: Seating and benches Dimension: Varies Standards: Various, siting and fixing of street furniture is of critical importance. Some Local Authorities preferences are determined by its age friendly policy which calls for timber benches (warmer material for year around use) with backs and arm rests (assist less able bodied to sit and rise) so there is a focus on specifying either entirely timber or timber with steel framed seating and benches. People also appreciate where the seating is set out in a clustered arrangement which allow people to face either other when sitting rather than everyone sitting in a straight line. When creating clusters leave gaps where wheelchair users or children in buggies can engage with people sitting on the benches. Try to incorporate tables within the clusters. These give people	-	Multiple suppliers

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Street Furniture					
SZ-133	 <p>School Branding Banner/Totem</p>	 <p>Main Street, Bray, Co. Wicklow</p>	<p>Description: Lampost Banner Bracket Dimension: Varies Standards: Many Local Authorities install banners on public lighting poles throughout the county. These are generally quick and easy to install, change or remove. Specify durable material as the intention is to leave this in place for a number of years. Colour: Grey with SRTS logo on the drivers entry side to the school zone and school crest on other side Cost Estimate: Selection Specific</p>	<p>Consideration should be given to the suitability of existing columns and increased wind loading</p>	<p>https://www.lampost.ie/ https://baymedia.ie/lamp-post-flags-system/ http://touchpointmedia.ie/lamp-post-banners/</p>
SZ-134	 <p>Colour Themed School Zone Gateway Poles</p>	 <p>Coloured Pole Sleeves (PWS)</p>	<p>Description: Coloured sign pole covers Dimension: Diameter to fit 76mm steel sign pole, 300mm long sections. Standards: TII: CC-SPW-01200, Traffic signs manual 2019 Colour: School Zone standard colours RAL1034, RAL3014, RAL1018, RAL6017 Cost Estimate: Selection Specific</p>	-	<p>PWS-Sign pole covers</p>

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
Landscape and Urban Design					
	 <p>Rain Gardens</p>	 <p>Alma Road, Enfield, UK</p>	<p>Description: Rain Garden, rainwater attenuation Dimension: Varies Standards: The SuDS Manual (CIRIA) Cost: Varies</p>	<p>Guidance on design of rain gardens in Chapter 18 of The SuDS Manual (CIRIA) https://www.ciria.org/ItemDetail?iProductCode=C753F&Category=FREEPUBS</p> <p>Designing Rain Gardens: A Practical Guide https://www.urbandesignlondon.com/documents/85/UDL_Rain_Gardens_for_web_0vwx1Ls.pdf</p> <p>Case Study: https://www.london.gov.uk/what-we-do/environment/climate-change/surface-water/alma-road-suds-project</p>	Multiple suppliers
	 <p>Low Level planting bed</p>	 <p>Dundrum, Dublin</p>	<p>Description: Above ground permanent planter Dimension: Permanent inground planting beds can benefit from painted steel guards around the edges. Without some form of edging pedestrians, buggy wheels and bike wheels tended to encroach onto the planting, mud gets drawn around the local paths and planting is damaged/lost. We try to retain a 10mm gap between the path edge and the metal edging to ensure rain water can still attenuate into the beds. 125mm high metal edge avoids it being a trip hazard but where there is a cross fall the height may need to be increased so the top edge is horizontal. Where there are lots of kids running about metal edging may not be the idea material. Materials: From DLRCC architects dept "On some of the covid and outdoor dining schemes we have utilised native wild meadow turf. This is installed similar to roll out grass and delivers a wonderful planting mix. The flowers are great pollinator's and ideal for bio diversity but the disadvantage of this type of planting is that it gets cut back in late Autumn and can look bare and scruffy for the winter months. In other locations we have planted herbaceous perennial's and grasses which are good pollinator's and ideal for bio diversity. The grasses turn brown in winter but the planting in the bed retains some body and 3d presence throughout the year. Where possible we also include a variety of spring bulbs in all the planted beds. These deliver flowering colour to the beds through the spring months until the summer blooms take over meaning there is interest in the beds for a significant period of the year. Something we haven't done to date but I would hope to consider in specifying planting for the school zones is considering the scents and sounds created by the plants so the planting appeal to other senses and could be appreciated by visually impaired etc" Standards: The SuDS Manual (CIRIA)</p>	-	Multiple suppliers
	 <p>Tree Planting</p>		<p>Dimensions: Single stem trees maintain clear visibility at low level but our bigger difficulty on occasion has been choosing a location for the tree which doesn't block sight lines to traffic lights something which may become an issue at a school zones where there are multiple pedestrian and zebra crossings. Most trees we would specify would be minimum 14/16 cm diameter and these would generally have a 2m clear trunk Materials: Local Authority parks department can advise, some have specified apple and pear trees in past which deliver interest, with blossoms, leaves and fruit but in addition to losing leaves these trees lose their fruit which can become a hazard on paths</p>	-	Multiple suppliers

Ref. #	Design/Visualisation	Constructed Example	Specification	Considerations	Known Supplier (inclusion does not equal endorsement)
	Landscape and Urban Design				
		 <p>Dundrum, Dublin</p>	<p>Description/use: For quick build schemes, in ground planting generally preferred as it is more sustainable and requires less maintenance. Planters deliver immediate results when needed but they will require maintenance and monitoring</p> <p>Dimension: 450/500mm high. That height was chosen can act as a good buffer and can have seating elements incorporated on top. 600mm wide where the planters are freestanding and need to ensure stability. When the planters can be fixed in place width can be reduced to 300mm. Note: One of the big challenges in placing trees in planters in existing streets is finding adequate spaces to accommodate a 1m cube pit for the tree roots which is free of services. Investigate existing services and requirements each provider has in regard to clear distances between the service and trees.</p> <p>Colour: Timber or a neutral colour e.g.grey. Not SRTS colours.</p> <p>Cost: Varies</p>	-	Multiple Suppliers
	  <p>Micro Art Examples (coloured flags, footsteps, games etc...)</p>	  <p>Coloured Paving Clonakilty, Hopscotch Dundrum Dublin,</p>	<p>Description: the Planning/Public Realm/Art Office in Local Authorities should lead any Micro Art inclusions. For ideas see www.aplayfulcity.com https://thewallproject.ie https://www.creativeireland.gov.ie/en/event/street-art-electrical-boxes/</p> <p>Dimension:</p> <p>Colour: For street markings consider School Zone standard colours RAL1034, RAL3014, RAL1018, RAL6017</p> <p>Cost: Varies</p>	-	Multiple suppliers