

Appendix A - Traffic lights and pedestrian crossings

ITS Unit Traffic Signal Refurbishment Programme 2022/2023

Site	Type	Estimated Cost	Notes
George Street/St Andrew Street	Junction	£ Exempt	Signal equipment purchased in 2020/2021
John Street/Charlotte Street	Junction	£ Exempt	Signal equipment purchased in 2020/2021
St Andrew Street/Charlotte Street	Junction	£ Exempt	Signal equipment purchased in 2020/2021
George Street/John Street	Junction	£ Exempt	
Provost Watt Drive/Great Southern Road	Dual Toucan	£ Exempt	Signal equipment purchased in 2020/2021
West Tullos Road/Provost Watt Drive	Dual Toucan	£ Exempt	
Garthdee Road at Bridge of Dee	Dual Puffin	£ Exempt	
Riverside Drive at Great Southern Road	Puffin	£ Exempt	
	Total	£395,000	

ITS Unit Traffic Signal Refurbishment Programme 2022/2023 – Reserve List

Site	Type	Estimated Cost	Notes
Garthdee Road at Robert Gordon Uni	Junction	£ Exempt	
Bridge of Dee (approach from North)	Puffin	£ Exempt	
Beach Boulevard/Beach Esplanade	Junction	£ Exempt	
Esslemont Avenue/Leaside Road	Junction	£ Exempt	
Victoria Street, Dyce	Puffin	£ Exempt	
Queens Road at Wooend Hospital	Puffin	£ Exempt	
A92 Parkway near Whitestripes Avenue	Puffin	£ Exempt	
Great Southern Road near Murray Terrace	Puffin	£ Exempt	
	Total	£435,000	

Appendix B – Lighting improvements

Scheme	Estimated Cost	Comments
Corroded Column Replacement		
Craigiebuckler/Hazlehead - Corroded Cols	£ Exempt	30 number
City Centre - Corroded Cols	£ Exempt	40 number
Wall box/ feeder Pillar replacements	£ Exempt	30 number
Hanover/ Harbour - Corroded Cols	£ Exempt	6 number
Rosemount/ Kings Gate- Corroded Cols	£ Exempt	32 number
Hilton Corroded Cols	£ Exempt	16 number
Replacement of corroded bollards with Weebols	£ Exempt	100 number
Immediate replacements of Corroded Columns	£ Exempt	23 number
Electrical Testing		
	£ Exempt	6000 units
Structural Testing		
	£ Exempt	4000 units
Column/ Cable replacements - 8/10m		
Concrete Column replacement – Provost Rust Dr and Provost Fraser Dr	£ Exempt	42 number
Summerhill Terrace - underground cable reinforcements	£ Exempt	10 columns
Rosehill Dr/ Cairncry Road - Concrete Column replacements	£ Exempt	32 number
Victoria St, Dyce	£ Exempt	20 number
Column/ Cable replacements - 5/6m		
Raeden Cres footpaths	£ Exempt	30 number
Seaton - underground cable reinforcements	£ Exempt	39 number
South Avenue	£ Exempt	10 number
Anderson Dr - Inset	£ Exempt	10 number
Balnagask Circle/ Ave / Wynd - remove lobby services and cable	£ Exempt	26 number + track
Additional lighting requirements due to LED programme	£ Exempt	25 number
Willowpark Area	£ Exempt	12 columns
Fountainhall Lane East	£ Exempt	5 cols + track
Footways / Resurfacing Contract	£ Exempt	30 number
LED Replacement Programme		
Phase 8 (Cults, Garthdee, Bielside, Milltimber, Peterculter)	£ Exempt	2000 units
Phase 9 (Kincorth, Cove, Torry)	£ Exempt	3500 units
CMS installation onto LED	£ Exempt	1200 units
Mop ups	£ Exempt	2800 units
Total	£2,814,000	

Appendix C – Lighting improvements – Reserve

Scheme	Estimated Cost	Comments
Corroded Column Replacement		
Seaton/ Old Aberdeen Corroded Cols	£ Exempt	numbers dependant on testing
Rubislaw Corroded Cols	£ Exempt	numbers dependant on testing
Woodside Corroded Cols	£ Exempt	numbers dependant on testing
Kittybrewster Corroded Cols	£ Exempt	numbers dependant on testing
Stockethill Corroded Cols	£ Exempt	numbers dependant on testing
Mastrick/ Sheddocksley Corroded Cols	£ Exempt	numbers dependant on testing
Northfield/ Heathryfold Corroded Cols	£ Exempt	numbers dependant on testing
Bridge of Don Corroded Columns	£ Exempt	numbers dependant on testing
Dyce Corroded Column	£ Exempt	numbers dependant on testing
Bucksburn Corroded Columns	£ Exempt	numbers dependant on testing
Kingswells Corroded Columns	£ Exempt	numbers dependant on testing
Column/ Cable replacements - 8/10m		
Springhill Rd	£ Exempt	11 number
A947 - polo gdns to stoneywood park	£ Exempt	20 number
King Street/ St Machar R/A	£ Exempt	11 number
Hareness Road/ Circle - network upgrades	£ Exempt	Power Supplies and cabling
Crawpeel Rd - Supply Pillar	£ Exempt	Power Supplies and cabling
Stockethill Area - New supply points	£ Exempt	Power Supplies and cabling
Column/ Cable replacements - 5/6m		
Sheddocksley Dr	£ Exempt	13 number
Burns Road	£ Exempt	13 number
Tay Rd	£ Exempt	6 number
Mearns St	£ Exempt	additional asset
Osborne Place	£ Exempt	20 number
Kings Gate Inset @ 210	£ Exempt	7 number
Additional lighting requirements due to LED programme	£ Exempt	26 number
Fittick Pl lane, Cove	£ Exempt	additional cols
Laurel Grove	£ Exempt	Additional asset
Howes Rd - from Davidson Dr	£ Exempt	additional cols (26k)
Cairnwell Drive	£ Exempt	24 number
Colonsay Crescent	£ Exempt	8 number
Dinbaith Place	£ Exempt	1 number
Jura Place	£ Exempt	7 number
Lewis Road Car Parks	£ Exempt	24 number

Appendix D – Cycling Walking Safer Routes (CWSR)

Location/ Proposals	Description of work	Overall Budget	Element
01 – Walking network	Where review or investigation shows a requirement for small improvements to pedestrian routes, including tactile paving, additional path network, pedestrian guard-rails, toucans or pelican crossings	£ Exempt	Walking
02 – Road safety around schools	Measures to support and encourage walking and cycling to school including missing path network, speed limit reductions, parking measures and educational events	£ Exempt	Walking/ Cycling
03 - Cycling Infrastructure	Small scale cycling facilities, links, parking, lining & signing throughout the City to improve and expand the network	£ Exempt	Cycling
04 – Traffic management measures	Small scale improvements to signing & lining and new works associated with traffic management and traffic regulation orders.	£ Exempt	Safer routes
05 – Road Safety General	Route action work on various routes and locations citywide that have been identified for improvements from the annual accident scan.	£ Exempt	Safer routes
06- Campaigns and events	Publicity in relation to Road Safety Campaigns & Community Safety including Rider Refinement and other Cycling Initiatives across the City.	£ Exempt	All
07- Public Transport Improvements	Small scale or minor amendments to bus facilities and controlled parking zones.	£ Exempt	Safer routes
08- Aberdeen City Council Road Safety Plan	Implementation of targets identified in the ACC RS	£ Exempt	All
09 - Other Works	Range of measures to enhance the safety and use of the road network.	£ Exempt	All
Total (CWSR)		£1,466,722	

Appendix E – Footway Resurfacing

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Various locations	Tree Removals and Footway Reinstatements	-	£ Exempt
Albyn Place	Southside Footway- Harlaw Academy to Holburn Surgery (excel St Margaret's). Reset uneven granite kerbs and renew areas of damaged precast concrete slabs	287	£ Exempt
Victoria Street	Eastside footway - Don Place to McIntosh Crescent. Renew selected kerbs and resurface footway in bitmac	836	£ Exempt

Alford Place	Victoria Street to No 150. Reset uneven granite kerbs and renew areas of damaged precast concrete slabs	372	£ Exempt
Wilkie Avenue	East side Footway. Reset selected granite kerbs and resurface in bitmac	420	£ Exempt
University Road	Southside footway - College Bounds to Orchard Road. Reset selected kerbs and resurface footway in slabs	586	£ Exempt
University Road	Northside footway - College Bounds to end of Tennis courts. Reset selected kerbs and resurface footway in precast concrete slabs	234	£ Exempt
Albury Road	Eastside footway - Caledonian Place to No 51. Install back kerbs and resurface footway in slabs.	515	£ Exempt
Eday Road	Northside footway - Stronsay Drive to Ferneilea Place. Reset selected kerbs and resurface footway in bitmac	494	£ Exempt
Sheddocksley Road (Phase 3)	Both footways - Bellfield Road to Kingsford Road. Renew all kerbs and resurface footway in bitmac	685	£ Exempt
Kirkhill Place	Westside/Northside footways - Kirkhill Road to Dyce Drive. Renew all kerbs and resurface footway in bitmac	1261	£ Exempt
Balmoral Road	Northside footway - Hardgate to Gairn Terrace. Reset selected kerbs and resurface footway in bitmac	1112	£ Exempt
Lee Crescent North	100m between Lee Cresc N and Lee Cresc N	1000	£ Exempt
Craigendarroch Place	East side Footway. Reset selected kerbs and resurface in bitmac	465	£ Exempt
Strathmore Drive	West side Footway. Reset kerbline and resurface in bitmac	658	£ Exempt
Hazledene Road	South side near number 55 and the corner of Queen's Road and Hazledene Rd	630	£ Exempt
Woodburn Avenue	Whole site	722	£ Exempt
Abbotshall Drive	Whole FW	1,132	£ Exempt
New Pier Road	All footways	364	£ Exempt
Westholme Crescent North	Whole FW	382	£ Exempt
Cairngorm Place	All footways	318	£ Exempt
Abbotswell Drive	Southside footway - Provost Watt Drive to Covenanters Row (No 41). Renew selected kerbs and resurface footway in bitmac	1184	£ Exempt
Union Grove	South side from Ashley Road to Brighton Place	488	£ Exempt
Forest Avenue	Outside 34 Forest Avenue and similar issues other side of footpath carriageway kerbside (WEST SIDE)	822	£ Exempt
		Total	£1,000,000

Appendix F – Footway Resurfacing – Reserve list

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Crown Place	Whole FW, North	117	£ Exempt
Pittengullies Brae	from North Deeside West side, down to Deeside line	460	£ Exempt
St Machar Road	Both footways	1000	£ Exempt
Auchinyell Gardens	Both footways - Auchinyell Road to Garthdee Drive. Reset selected kerbs and resurface footway in bitmac	780	£ Exempt
Wellwood Terrace	Northside footway - Whole road. Renew all kerbs and resurface footway in bitmac.	270	£ Exempt
Auchinyell Road	Southside footway - Kaimhill Road to Auchinyell Bridge. Renew all kerbs and resurface footway in bitmac.	345	£ Exempt
Anderson Drive	Between Cromwell Road and Great Western Road (West side)	982	£ Exempt
Grampian Road	West side Polwarth Road to Grampian Place	534	£ Exempt
Rosehill Place	Southside footway - Rosehill Terrace to Hilton Drive. Reset selected stone kerbs and resurface in bitmac.	632	£ Exempt
Grampian Road	Westside footway- Polworth Road to Grampian Place. Reset selected kerbs and resurface footway in bitmac.	813	£ Exempt
Rosehill Place	Northside Footway footway - Rosehill Terrace to Hilton Drive. Reset selected stone kerbs and resurface in bitmac.	624	£ Exempt
Fowler Avenue	Southside footway - Newton Road to Cummings Park Road. Reset selected stone kerbs and renew slabs.	734	£ Exempt
Muirfield Road	Both footways - Mastrick Drive to Willowpark Place. Renew backkerbs and resurface in bitmac.	325	£ Exempt
Kingswells Drive	West footway - Kingswood Drive to Coull Gardens north junction. Resurface in bitmac.	415	£ Exempt
Gordon Road	North Footway - Springfield Road to Craigton Road. Reset selected kerbs and resurface in bitmac.	373	£ Exempt
Esk Place	North Footway - Strathmore Drive to Upper Mastrick Way. Renew all kerbs and resurface in bitmac.	375	£ Exempt
Esk Place	South Footway - Strathmore Drive to Upper Mastrick Way. Renew all kerbs and resurface in bitmac.	244	£ Exempt
Gordon Road	South Footway - Springfield Road to Gordon Treeace. Reset selected kerbs and resurface in bitmac.	265	£ Exempt

Appendix G – Carriageway resurfacing

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Seaton roundabout	Whole roundabout	936	£ Exempt
School Road	King Street to School Avenue	1575	£ Exempt
Riverside Drive	Great Southern Road to Duthie Park Exit	2866	£ Exempt
Hilton Street	Six roads roundabout to number 111 Hilton Street	938	£ Exempt
Rosehill Drive	Ash-hill Place to Six Roads Roundabout (inc. Hilton Drive entrance)	859	£ Exempt
Six roads roundabout	Whole roundabout	919	£ Exempt
Chapel of Stoneywood - Fairley road	Kingswood Drive to Kingswells Home Farm Path	1000	£ Exempt
Westburn road	Westbound CW - Raeden Park Road to North Anderson Drive	5500	£ Exempt
Lower Kaimhill roundabout	Asda (Garthdee) Roundabout - whole roundabout	1097	£ Exempt
Garthdee Road	Garthdee Roundabout to Asda Roundabout - both sides	2016	£ Exempt
Garthdee Road	Asda Roundabout to Sainsbury's Roundabout	1277	£ Exempt
Leslie Road	Clifton Road to No.38 Leslie Road	1209	£ Exempt
Cornhill roundabout	Whole roundabout	790	£ Exempt
Whitestripes Road	Upper Persley Road, South East for 873m	500	£ Exempt
Mugiemoss Road	Simply Self Storage to No.250 Mugiemoss Road	881	£ Exempt
Whitestripes Avenue	Whitestripes Road to Middleton Circle	992	£ Exempt
Raeden Park Road	Westburn Road to Mid Stocket Road	2054	£ Exempt
Auchinyell Road	Morrison Drive to No.91 Auchinyell Road	1000	£ Exempt
North Deeside Road (Peterculter)	No.30 to No.58 (Eastbound side only)	600	£ Exempt
Hutcheon Street	Holland Street to Lidl Carpark entrance	300	£ Exempt
Skene Road	Section to the West of Jessiefield Drive to Old Skene Road	600	£ Exempt
Loirston Road	Coast Road to Redwood Crescent	2179	£ Exempt
Kingswood Drive	Kingsmead Care Home to the rear of No.24 Clova Park	1400	£ Exempt
Kepplehills Road	Newhills Avenue to Pitdouie Walk	1000	£ Exempt
Caskieben Road	Various locations along whole length of road (Pitmedden Rd, Boat of Hatton Road)	7200	£ Exempt
Kingswood Drive	At junction of Kingswells Drive	577	£ Exempt
Greenbank Crescent	Whole CW resurface	4000	£ Exempt
Brunswick Place	Polmuir Road to Bright Street. Bright Street - whole length	825	£ Exempt
Various small patching schemes	Various locations	2000	£ Exempt
Cove Road	Whole CW resurface from Cove Crescent to Cover Court	1148	£ Exempt
Souterhead Road	Whole CW from Souterhead roundabout East to end	6753	£ Exempt
King's Gate	Whole CW from Forest Avenue to Fountainhall road	2400	£ Exempt
Foresterhill Road	Whole CW N from Ashgrove Road West to roundabout inclusive	2545	£ Exempt
Provost Rust Drive	Westbound whole CW West from Kemp Street junction	714	£ Exempt

Clifton Road	Whole CW from North Anderson Drive junction East	3251	£ Exempt
Minto Avenue	Whole CW from Peterseat Drive to Minto Drive	2437	£ Exempt
Cults avenue	Whole CW from Hillview Road to Broom Park	2076	£ Exempt
		Total	£3,321,000

Appendix H – Carriageway Resurfacing – Reserve list

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Cults Avenue	Broom Park to Hillview Road	2075	£ Exempt
Holburn Street	From 560 to 587	1100	£ Exempt
Kingswells Drive	Kingswood Drive to Callum Wynd	1100	£ Exempt
Howe Moss Drive	Howe Moss Crescent to NCA/SDV carpark entrance	2300	£ Exempt
Howe Moss Place	Howe Moss Avenue to Global Eneergy Group Building	1500	£ Exempt
Howe Moss Crescent	Howe Moss Avenue to Halliburton House	1000	£ Exempt
Kingswells Drive	Kingswood Drive to Coull Gardens	1500	£ Exempt
Howe Moss Drive	Howe Moss Crescent to Howe Moss Road	1000	£ Exempt
Minto Avenue	Section outside Ocean Trade Park	520	£ Exempt
Union Glen	Justice Mill Brae to Hardgate	1200	£ Exempt
Hayton Road	From pedestrian crossing at Alexander Terrace to 103	1800	£ Exempt
Lee Crescent North	From Jesmond Drive to the Substation (excluding turning circles and numbers 228 to 262)	7500	£ Exempt
Cornhill Road	Westburn Drive to Ashgrove Road West (including inset road, excluding private carriageway servicing houses 108-112)	6100	£ Exempt
Gardner Drive	From far side of Gardner Cres junction to Faulds Gate roundabout	4100	£ Exempt
Howe Moss Crescent	From Howe Moss Drive to junction before Halliburton House	3900	£ Exempt
Hilton Avenue	From Clifton Road to Hilton Drive	3600	£ Exempt
Springfield Road	From pedestrian island beside 56 Gordon Road to Number 1 Airyhall Drive (including inset road)	3600	£ Exempt
Froghall Terrace	From 42 to Spital	3000	£ Exempt
Hilton Place	From Hilton Avenue to Hilton Street (including junction with Cordiner Ave)	2800	£ Exempt
Richmondhill Road	From King's Gate to Mid Stocket Road	2750	£ Exempt
Springfield Avenue	From Springfield Road to Rubislaw Park Road	2600	£ Exempt
Richmondhill Place	From King's Gate to Mid Stocket Road	2500	£ Exempt
kildrummy road	Whole site	2500	£ Exempt
Gray Street Lane	Whole site up to Great Western Lane	2000	£ Exempt

Hilton Terrace	From Hilton Drive to number 1	1900	£ Exempt
Hammersmith Lane	From Great Western Lane to end of lane	1900	£ Exempt
Beech Road	Whole site	1800	£ Exempt
South Esplanade East	From Crombie Place to the end of River House	1850	£ Exempt
Springfield Gardens	Whole site	1800	£ Exempt

Appendix I – Drainage

Location and description of works	Estimated cost
Major drainage works (inc. Caskieben Road)	£ Exempt
Replacement of gullies	£ Exempt
Investigation and design works	£ Exempt
Total	£200,000

Appendix J – Weak and major bridge repairs

Location and description of works	Estimated cost
King George VI Bridge – Major bridge repairs	£ Exempt
Victoria Bridge / Maryculter Bridge / Parkhill Bridge – Major bridge repairs – Scour protection design	£ Exempt
City wide, miscellaneous – Bridge repairs	£ Exempt
Bridge Special inspections and SV assessments	£ Exempt
Total	£330,000

Appendix K – Signage

Location and description of works	Estimated cost
Road sign replacement – various locations	£30,000
Total	£30,000

Appendix L – Flooding and coastal protection schemes

Scheme	Estimated Cost
SGA/SWMP/FRMPs	£ Exempt
Peterculter - Study & detailed design	£ Exempt
Inchgarth Hake installation	£ Exempt
CCTV at watercourse gauging sites	£ Exempt
Software purchase	£ Exempt
SEPA / Denburn match funding including Denburn modelling	£ Exempt
River Don flood plain - study	£ Exempt
Jesmond - study	£ Exempt
Begin Project – match funding	£ Exempt
Score Project – dashboard and data management	£ Exempt
Riverside Drive design works	£ Exempt
Langstracht Drainage	£ Exempt
Merchant Quarter Works Design	£ Exempt
Sea Wall – survey / study & major repairs	£ Exempt
Kingswells Old Skene Road	£ Exempt
Reinstatement coastal defences Greyhope Road	£ Exempt
Surface water improvements	£ Exempt
Total	£1,183,000

Appendix M – A92/A96 De-trunked programme

Carriageway

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Rosehill roundabout	Whole carriageway resurface	2500	£ Exempt
Bridge of Dee roundabout	Whole carriageway resurface	1600	£ Exempt
A92	Various large full carriageway patches	4900	£ Exempt
A96	Various large full carriageway patches	5000	£ Exempt
		Total	£700,000

Structures

Scheme	Location and description of works	Notes	Estimated Cost
Bridge of Dee scour protection	Detailed design and pre-construction services for the protection/armouring of the riverbed, bank and bridge piers at the Bridge of Dee.	The works phase of this project is expected to commence in April 2023 and has been estimated to cost £1.2m which will also be funded from the de-trunking payment from Transport Scotland	£120,000

Appendix N – A92/A96 De-trunked programme – Reserve list

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
A92	Further various large full carriageway patches	10,000	Up to £500,000
A96	Further various large full carriageway patches	5000	Up to £250,000

Appendix O – Additional investment in roads

Footways

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Grampian Road	Westside footway- Polworth Road to Grampian Place. Reset selected kerbs and resurface footway in bitmac.	813	£ Exempt
Fowler Avenue	Southside footway - Newton Road to Cummings Park Road. Reset selected stone kerbs and renew slabs.	734	£ Exempt
Auchinyell Gardens	Both footways - Auchinyell Road to Garthdee Drive. Reset selected kerbs and resurface footway in bitmac	780	£ Exempt
Wellwood Terrace	Northside footway - Whole road. Renew all kerbs and resurface footway in bitmac	270	£ Exempt

Auchinyell Road	Southside footway - Kaimhill Road to Auchinyell Bridge. Renew all kerbs and resurface footway in bitmac.	345	£ Exempt
Craigievar Place	Northside footway	340	£ Exempt
Auchinyell gardens	East side footway only	399	£ Exempt
Ivanhoe Walk	sections in front of 1-10	160	£ Exempt
Talisman Walk	sections in front of 1-5	197	£ Exempt
Auchinyell Road	Between Kaimhill road and the bridge	278	£ Exempt
Pitmedden Crescent	Between Montrose Drive and Pitmedden Terrace	160	£ Exempt
Rubislaw Park Road	Eastside footway	252	£ Exempt
Upperkirkgate	North footway from George st to Broad st, Southside footway from George st to Flourmill lane	612	£ Exempt
Various Locations	Footway patching less than 100sq.m	£0	£ Exempt
		Total	£476,500

Carriageways

Scheme	Location and description of works	Area (m ² approx.)	Estimated Cost
Northburn Avenue	Whole CW resurface – See appendix R	1800	£ Exempt
Hazlehead Carpark	Whole CW resurface – See appendix R	1000	£ Exempt
Angusfield Avenue	Whole CW resurface – See appendix R	5000	£ Exempt
Stronsay Avenue	Whole CW resurface – See appendix R	850	£ Exempt
Westburn Road	Mount Street to 120	3400	£ Exempt
Denmore Road and Woodside Road	Whole CW around junction	1600	£ Exempt
Dyce Drive	Structural Repairs, section between Dyce Drive and Oldmeldrum Road	1600	£ Exempt
Nellfield place	Whole CW resurface	2000	£ Exempt
Bridge of Dee	Garthdee Roundabout to Bridge of Dee Roundabout	2700	£ Exempt
Esplanade from King Street	Eastbound for c. 100m	1000	£ Exempt
Queens Road	Structural Repairs, between Springfield Road and Anderson Drive	800	£ Exempt
Malcolm Road/Milltimber Brae	Structural Repairs	1500	£ Exempt
Grampian Road	Structural Repairs	1600	£ Exempt
Derbeth Crescent	Whole CW resurface	1960	£ Exempt
Wellington Road	Grampian Road to Balnagask	3720	£ Exempt
Grandholm Drive	Whole CW East	2000	£ Exempt
Market Street	Southbound CW Commercial Quay to North Esplanade	1824	£ Exempt
Oldmeldrum Road	Inverurie Road junction. Structural repairs	850	£ Exempt
Beechgrove Avenue	Midstocket Road to Beechgrove Terrace	1673	£ Exempt
Binghill road	North Deeside road to streetlight column.19	4360	£ Exempt
Rosemount Place	Westfield Place to Eden Place. Westbound CW only	2540	£ Exempt
Victoria street	Various locations	1000	£ Exempt
Kirkbrae Drive	Whole road, excluding cul-de-sacs at end of street	700	£ Exempt

Bright street	Whole road	1080	£ Exempt
Provost Fraser Drive	Inset road - Kettlehills Cres to Byron Ave	500	£ Exempt
Greenfern Place Lane East	Area at rear of Mastrick shops (grays inn etc)	1005	£ Exempt
Dubford Road	Dubford Crescent North junction to Dubford Rise	590	£ Exempt
Stoneywood Terrace	Stoneywood Road to Polo Gardens	614	£ Exempt
Mastrick Road	Inset road	300	£ Exempt
Deeside Drive	Cul-de-sac end to just beyond Deeside Avenue	1227	£ Exempt
Dalmaik Terrace	School Road to Dalmaik Cres	1400	£ Exempt
Prince Arthur street	Osborne Place to Carden Place	1122	£ Exempt
Hollybank Place	Holburn Street to Hardgate	1200	£ Exempt
Westholme Crescent North	Westholme Avenue to Westholme Terrace	1224	£ Exempt
Manor Avenue	Manor Walk to Provost Rust Drive	1400	£ Exempt
Sheddocksley Road	Sheddocksley Drive to Auchlea Road	1052	£ Exempt
Catto Crescent	Loirston Road to Loirston Avenue	1090	£ Exempt
Cattofield Gardens	Back Hilton Road to Cattofield Place	1162	£ Exempt
Monearn Gardens	Contlaw Brae to Milltimber School	1194	£ Exempt
Clunie Place	Birkhall Place to Cairnwell Avenue	648	£ Exempt
Cairnwell Place	Cairnwell Drive to Cairnwell Avenue	642	£ Exempt
Cairnwell place	Cairnwell Avenue to Craigendarroch Place	628	£ Exempt
Landerberry Road	Junction	120	£ Exempt
Countesswells Avenue	Countesswells Close to Countesswells Road	2000	£ Exempt
Burnside Road	Station Road South (East Junction) to Kennerty Mills Road	2421	£ Exempt
Union Terrace	Whole carriageway	3000	£ Exempt
Kingswood Drive	Section at junction of Kingswells Drive	577	£ Exempt
King's gate	Various areas of patching	645	£ Exempt
		Total	£3,402,000

Total (footways and carriageways)

£3,878,000

Appendix P – NESTRANS related works (information only)

Scheme	Value
King George VI bridge surfacing	£265,000
Total	£265,000

Appendix Q – Revenue works (information only)

General Roads Maintenance

- Carriageway Patching
- Footway Patching
- Drainage
- Road marking & Studs
- Gully Emptying
- Pedestrian Barriers
- Traffic Signs & Bollards
- Safety Fences
- Technical Surveys
- Street Naming
- Inspections
- Footway Bollards
- Dropped kerbs

Traffic Works

- Traffic Management Reviews
- Disabled Parking
- ITS Annual Communication Costs
- ITS Annual Contract Costs
- Traffic Signal Maintenance
- Software Licences

Maintenance Programmes

- Sponsored Roundabout Costs
- Surface dressing
- Bridge works
- Winter Maintenance & Emergencies
- Street Lighting Maintenance
- Street Lighting Electricity
- Flood Risk Management
- Flood Prevention
- Coast protection

Income

- Recoverable works programme
- Street Occupations Income
- **Net Budget for Activities** **£6,855,945**

Appendix R – Officers recommendations in relation to the notice reproduced in section 3.13.1 of this report.

The instruction from Council meeting is as follows:

- VI. *Instructs the Chief Officer – Operations and Protective Services to reprioritise schemes already committed and add the resurfacing of the Hazlehead car park beside the old bus terminus and the resurfacing of North Burn Avenue, Westholme Crescent North, Stronsay Avenue and Angusfield Avenue, all to be taken from the additional £10m investment in roads that was committed.*

The above notice of motion presented a challenge to officers as the provisional list of schemes for the remainder of the additional £10M capital budget line had been prepared prior to this notice of motion. This has meant that to facilitate the works associated with the Notice of Motion, schemes have had to be moved from the additional capital list to the reserve list.

Of the four streets named in the motion, only Westholme Crescent North had been identified by officers for this year's programme. While the other roads could benefit from maintenance, none were assessed as being of sufficiently high priority to make the additional capital list; Northburn Avenue in particular was found to be a long way from intervention levels. The car park at Hazlehead is not an adopted asset and currently sits under Steven Shaw in Environment Services.

Officers visited and conducted detailed assessments of each of the four roads and the car park. The summaries of these can be found in below and include officers recommended option for each site.

For each site the recommended option has been included in the additional capital list, appendix O of this report. The following schemes have been moved to the reserve list, appendix H, to facilitate the works associated with the notice of motion:

Cults Avenue
Kingswells Drive
Holburn Street

STRONSAY AVENUE

Site assessment:



Stronsay Avenue junction with Stronsay Drive; Severe deterioration with multiple repairs.



General condition of Stronsay Avenue. Significantly worn, but serviceable and largely free of major defects. The surface is typical of streets of this age. The condition does not present danger to road users and is unlikely to suffer significant and rapid failure.

Officers' recommendation:

Treatment	Cost
Plane out entire road area, to a depth of 50mm. Reinststate with HRA 30/14 of 804m ²	£ Exempt
Total	£ Exempt

NORTHBURN AVENUE

Site assessment:





Northburn Avenue is in generally fair condition. Whilst worn, it is free of any significant defects and shows no signs of significant deterioration. The surface appears stable and generally intact. Several localised areas of deterioration present. The road is in good, serviceable condition.

Officers' recommendation:

Treatment	Cost
Maintenance patching to areas of deteriorations. 10 no. 2 x 2m patches identified. 40m ² total	£ Exempt
Surface Dressing of entire road area, 1,736m ²	£ Exempt
Total	£ Exempt

ANGUSFIELD AVENUE

Site assessment:



General deterioration in areas of Angusfield Avenue. Multiple utility tracks failing which require remedial works.



The general overall condition of Angusfield Avenue is worn, but serviceable with some larger areas of deterioration, and some areas of recurring potholing.

Officers' recommendation:

Treatment	Cost
Maintenance patching to areas of deterioration. 1,456m ² total as identified from site visit (04/04/2022)	£ Exempt
Surface Dressing of entire road area, 5,000m ²	£ Exempt
Total	£ Exempt

HAZLEHEAD CAR PARK

Site assessment:

It should be noted that the carpark at Hazlehead is an Environment Services asset and is not adopted by ACC Roads. The carpark is currently made up in unbound stone material. While the current surface has some holes/dips which would benefit from levelling, it has remained in a stable condition for many years.

Officers' recommendation:

Treatment	Cost
Surface area in Rigapave Scrape out, grading and regulating the area with average 50mm type 1 subbase and then laying 60mm AC20 binder course and 40mm thick 10mm Rigapave surface course.	£ Exempt
Total	£ Exempt

Appendix S – Addition Budget Line

The following schemes were approved at the full Council Budget meeting on the 7th of March 2022.

Budget line 898 - £70,000 – King’s Gate & Forest Road Pedestrian Crossings

Implementation of pedestrian crossings on Forest Road and King’s Gate. This will be the subject of a committee report which will be brought to Operational Delivery Committee on the 31st of August 2022 and which will inform councillors of officers recommendations in relation to the matter, including whether these crossings are justified and meet the current policy.

Budget line 901 - £30,000 – Upgrade of Paths in Newburgh Estate

Upgrade of footpaths at a number of identified sections of path in the Newburgh Estate in response to the concerns of former councillor John Reynolds.

Appendix T – Lighting in St. Nicolas Kirkyard

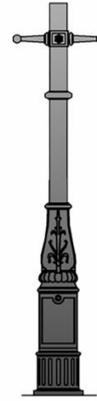
The Council budget meeting in March 2022 approved the addition of £250,000 to the General Fund Capital Programme to address issues with the Lighting in St Nicholas Kirkyard. The following outlines officer’s proposals for this budget line.

The original lighting scheme was installed around 30 years ago, and faults with the lighting are now being reported on a regular basis, both with the lighting units and the underground cable network. The existing control pillars are damaged but operational. The existing floodlighting scheme around the church was installed by the Aberdeen City Centre Partnership around the same time and is inoperative and beyond repair.

Since the Budget meeting, discussions have taken place between Council officers, the Kirk and other consultees, and the following are being recommended to address the repeated faults issue and address the increasing anti-social behaviour noted by various parties throughout the consultation and improve the overall environment in the Kirkyard.

The proposals being put forward for approval can be broken down into four parts.

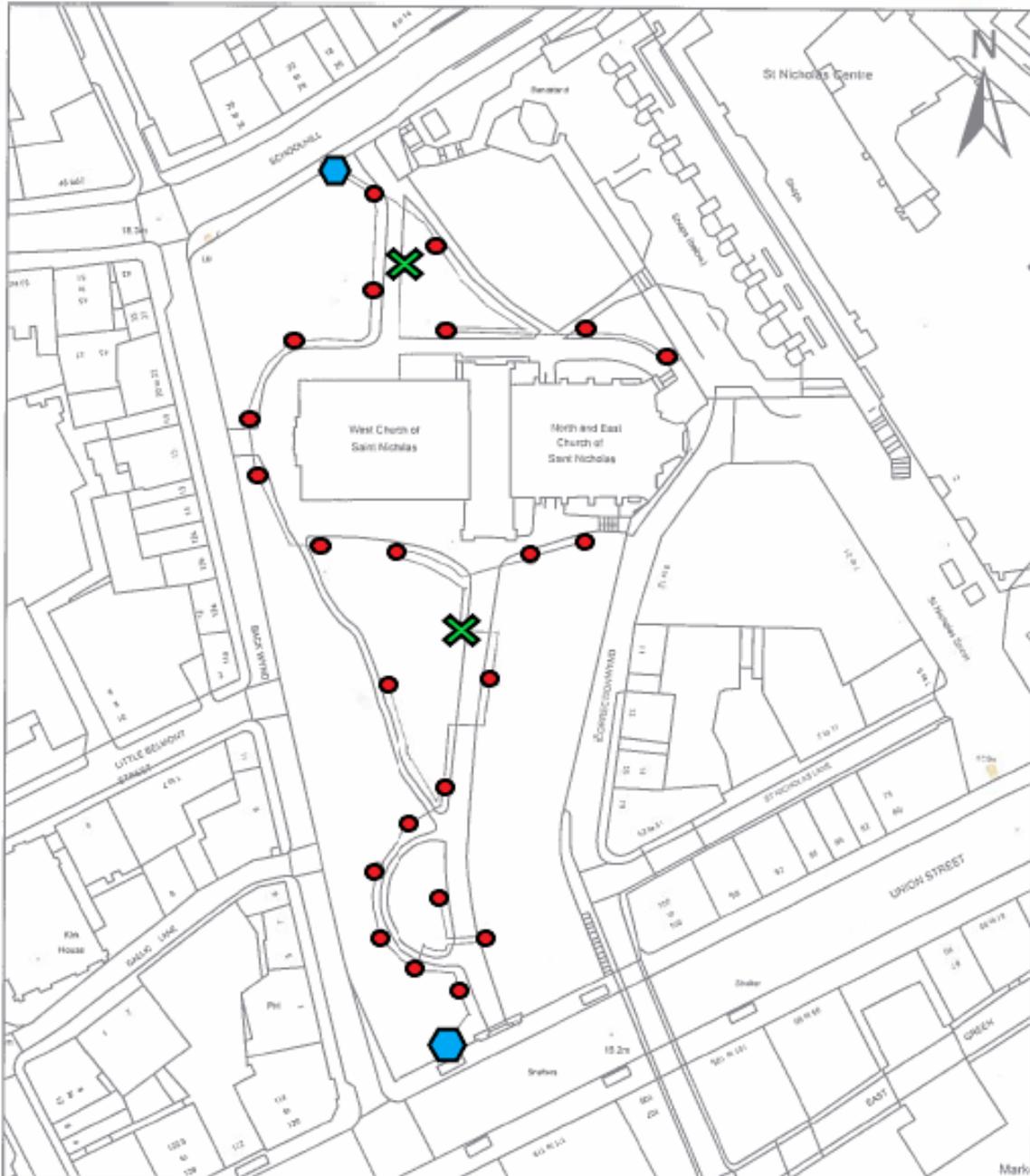
The first is to replace the existing street lighting system. From the consultations, it is proposed to replace all existing street lighting columns with new cast iron ones of a slightly higher nominal height to those currently installed along with new heritage street lighting lanterns, similar in style to the existing, but with a higher lumen output, including LED technology and the ability to connect to Aberdeen City Council’s existing Central Management Control System. This will allow officers to manage the lighting system and to increase the lighting levels currently in the churchyard.



The existing cable network will be abandoned, with new ducting and cabling to be installed throughout. Both the lighting control pillars will be replaced with new.



The second is to remove the redundant ground mounted floodlighting units and replace with a new floodlighting system, include ducting. This will incorporate strategically placed mid-hinged heritage columns in a similar style to those proposed for the street lighting system and include bracket mounted floodlights to wash light across the frontages of the church through the use of wide angle lenses and incorporate additional pencil beam floodlights to project the light onto the tower with minimal wasted light. This will create a feature of the church which will make it visible for a considerable distance.



Title: St Nicholas Churchyard

Scale: 1:995

Date: 26th May 2022

-  Floodlights
-  Feeder Pillar
-  Street Column



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The third includes the required infrastructure for future CCTV, which currently has no provision for monitoring of increasing cases of anti-social behaviour being reported and finally,

The final proposal is for the provision of electrical power units to allow the kirk along with the Aberdeen City Council' City Events team to carry out events in the open Grass area between the Church and Union Street without the need for cable mats or generators, which are either trip hazards or noisy and detract from the events put on.



Officers' recommendation: To spend the allocated budget of £250,000 and provide a street lighting, floodlighting and event space scheme that is fit for purpose, provides improved lighting and aids reducing anti-social behaviour.