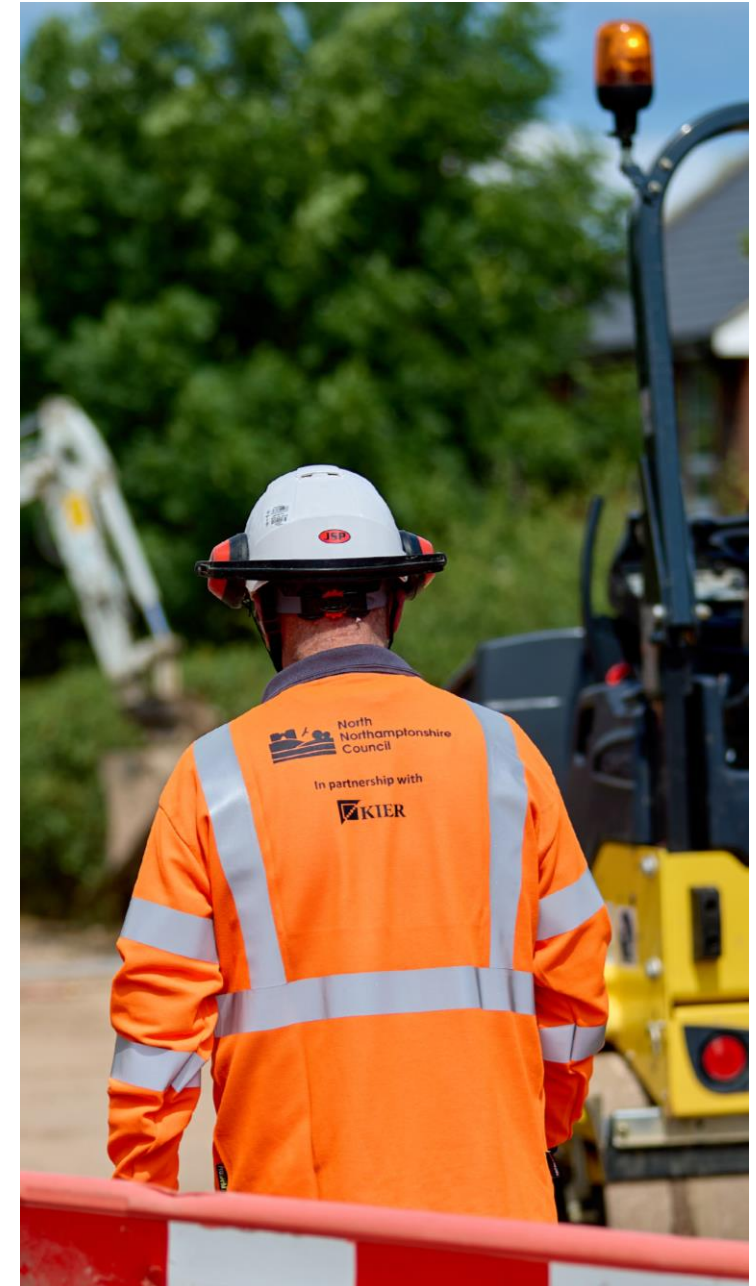


# NNC

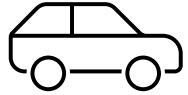
# Highways Annual Plan FY 24/25



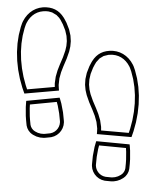
North  
Northamptonshire  
Council



## The North Northamptonshire Highway asset covers



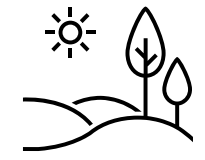
**1,843km** of roads



**1,965km** of footways



**898** structures



**1,154km** of Public Rights of Way

The **Holistic Evaluation Assessment Tool (HEAT)** has been used to identify carriageway treatment priorities for delivery in 2024/25

Throughout 2024 the HEAT tool will be further developed with a scheme prioritisation process for footway and structures assets.

During 2024 the Asset Management Policy, Asset Management Strategy and the Highway Safety Inspection Manual are being reviewed.

General Bridge Inspections will be carried out once every two years and a more detailed Principal Bridge Inspection is carried out once every six years.

Road Safety collision reporting and Red Route Group

Design for highway maintenance projects including geotechnical and environmental surveys

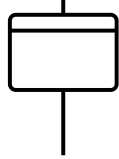
Carrying out technical audits on works to the highway by others (Section 278) and on roads to be adopted as public highway (Section 38)

Inspecting Section 38 and Section 278 works during construction to ensure compliance with the approved design and specification.

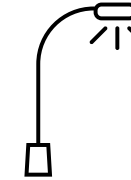
Review of speed limits and road safety behavioural change

Changes to Traffic Regulation Orders (TRO) and parking reviews





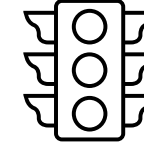
## Local Transport Plan (LTP) – Integrated Transport Priority Schemes



CORBY - Lewin Road Street Lighting
KETTERING - Thurston Drive Street Lighting
BOZEAT - Harold Road Vehicle Activated Signs
WELLINGBOROUGH - Finesdon Road / Eastfield Park Pedestrian Refuge
WELLINGBOROUGH - Croyland Road Toucan Crossing
RUSHDEN - High Street South Pedestrian Crossing
HIGHAM FERRERS - Windmill Banks Pedestrian Refuge
RUSHDEN - Windsor Road Vehicle Activated Signs
OUNDLE - Springfield Road Dropped Kerbs
Community Liaison Officer Minor Works including dropped kerbs identified during the year
Traffic Engineering Minor Works identified during year
Changes to parking restrictions following annual reviews identified during year
Road Safety Engineering including schemes from Red Route Reviews identified during year



## Local Transport Plan (LTP) – Integrated Transport Priority Schemes – Traffic Signal Improvements



Scheme
GEDDINGTON - New Road / Grange Road (Full refurbishment - upgrade to LED & ELV)
KETTERING – A43 Hamburger Roundabout - Detection and controller configuration updates
RAUNDS - London Road / Marshalls Road (Full refurbishment - upgrade to LED & ELV)
OUNDLE - Barnwell Road / Mill Road (Full refurbishment - upgrade to LED & ELV)
KETTERING – Stamford Road / Avondale Road (Full refurbishment - upgrade to LED & ELV)
THRAPSTON - Kettering Road / Bridge Street (Full refurbishment - upgrade to LED & ELV) – Design only
RUSHDEN – Skinners Hill / Church Street (Upgrade to LED & ELV)

LED - Light Emitting Diode

ELV - Extra Low Voltage

# Capital Maintenance Schemes Prioritised for 2024/2025 Delivery

## Bridges and Structures



IRTHLINGBOROUGH - Bridge No. 4195 Station Road – Investigation to deteriorated navigation arch	Department for Transport (DfT) Maintenance Block
Minor Bridge & Structures Maintenance	DfT Maintenance Block
THRAPSTON - Bridge No. 1119 Thrapston Old Mill (A6116) – Re-waterproofing, resurfacing and parapet repairs	Additional Capital Investment (£4.5m)

## Drainage Projects

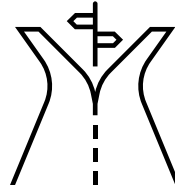


DEENETHORPE - A43/ Kirby Lane	DfT Maintenance Block
GLAPTHORN – Main Street	DfT Maintenance Block
IRTHLINGBOROUGH – Station Road	DfT Maintenance Block

## Drainage Investigations

LAXTON – Main Street	DfT Maintenance Block
SYWELL -Wellingborough Road (near Aerodrome)	DfT Maintenance Block
POLEBROOK – Lutton Rd/ Main St	DfT Maintenance Block
WILBY – Main Road	DfT Maintenance Block
ALDWINKLE – High St and Thorpe Road	DfT Maintenance Block
KETTERING – 205a Rockingham Road	DfT Maintenance Block

# Carriageway Maintenance



## Micro Asphalt

KINGS CLIFFE - West Street	Additional DfT Funding (2024/25 £1.069m)
DESBOROUGH - Rothwell Road	Additional DfT Funding (2024/25 £1.069m)
ROTHWELL - Rushton Road	Additional DfT Funding (2024/25 £1.069m)
GREAT DODDINGTON – Glenfield Drive	Additional NNC Capital Investment (£4.5m)
WILBARSTON - Carlton Road	Additional DfT Funding (2024/25 £1.069m)

## Surfacing & Patching

ISLIP - PHASE 1 A6116 Islip Bypass <b>Resurface and patching</b>	Additional NNC Capital Investment (£4.5m)
ISLIP - PHASE 2 A6116 Thrapston roundabout <b>Resurface</b>	Additional DfT Funding (2023/24 £1.069m)
RUSHTON - Rushton Road, A6003 Hamburger roundabout to Glendon Hall/Glendon Rd junction <b>Resurface</b>	Additional NNC Capital Investment (£4.5m)
IRTHLINGBOROUGH - Finedon Road, A6 to College St <b>Patching</b>	Additional DfT Funding (2024/25 £1.069m)
BRIGSTOCK - Harley Way - <b>Phase 1</b> – A6116 jct to Welland Gliding Club access <b>Resurface and patching</b>	Additional NNC Capital Investment (£4.5m)
BRIGSTOCK / LOWER BENEFIELD - Harley Way - <b>Phase 2</b> – Welland Gliding Club to joint at Lyveden Manor access <b>Resurface and patching</b>	Additional NNC Capital Investment (£4.5m)

## Surface Dressing

WELLINGBOROUGH - Ditchford Lane (Full length exc structure)	Additional DfT Funding (2023/24 £1.069m)
GREAT DODDINGTON - Cut Throat Lane (Main Rd, Wilby to xroads)	Additional DfT Funding (2023/24 £1.069m)
ISHAM - A509 Kettering Road (Finedon Station Rd to Niort Way rbt)	Additional DfT Funding (2023/24 £1.069m)
RUSHTON - Rushton Road (Rothwell Rd, Rushton to Glendon Rd, Rushton)	Additional DfT Funding (2024/25 £1.069m)
PYTCHELEY - Orlingbury Road (Broughton turn to Pytchley)	Additional DfT Funding (2024/25 £1.069m)
BRAMPTON ASH - A427 Harborough Road (Dingley to Stoke Albany)	Additional NNC Capital Investment (£4.5m)
FINEDON - Station Road (Finedon Station Rd to Avenue Rd)	Additional NNC Capital Investment (£4.5m)
IRCHESTER - Gypsy Lane (Wollaston Rd to A509 rbt)	Additional NNC Capital Investment (£4.5m)
YARWELL - Wansford road (cty boundary to Suleyhay Road)	Additional NNC Capital Investment (£4.5m)
RUSHDEN - A6 Liberty Way (Newton Rd rbt to John Clarke Way rbt)	Additional NNC Capital Investment (£4.5m)
GREAT DODDINGTON - A509 Wilby Way (Sainsbury's rbt to the A45)	Additional NNC Capital Investment (£4.5m)

## Verges

Maintain visibility for road users, especially on road junctions, visibility splays and crossroads

Where safety is not compromised, where possible we will reduce mowing in line with the 'No Mow May' initiative



## Weedkilling of Carriageway Kerb/Channel and Paved Areas



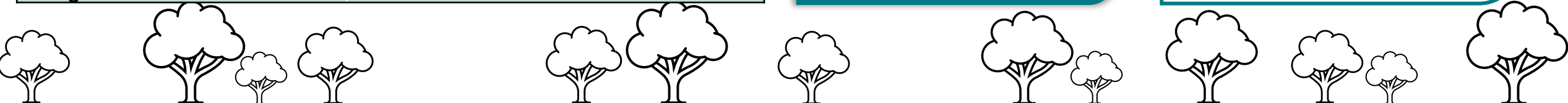
Treatment Type	Frequency and approximate time
Kerb & Channel/ Footways and Hardstanding Treatments	Twice per year April/ May & July/ August
Locations of treatment - 109 Parishes (within the 30pmh), A605 Thrapston to County Border and A6116 Stanion to A14	

## Vegetation

Keep verges passable for pedestrians, horse riders and cyclists

To be managed accordingly to ensure the natural benefits in terms of nature conservation and biodiversity are upheld

2024 Mowing	Number of cuts and approximate time
Parish	3 cuts April/June /Sept
Safety Sites	3 cuts May/July/Sept
Rural Roads (Secondary)	2 cuts April/Aug
Main Roads (A roads)	1 cut June
Urban Safety (Corby Ring Road)	2 cuts May/Aug
Rights of Way	2 cuts June /Sept
Designated areas of wildflowers	1 cut end of summer





# Gully Maintenance

The service will be delivered by a cyclic gully cleansing programme using a risk-based approach to ensure efficiency and to enable our focus on higher risk locations.

Frequency	No. of gullies requiring cleansing
Six Monthly	14
Annual	43,129
Biennial	17,480
Triennial	15,265
<b>Total</b>	<b>75,888</b>

## Importance factors are:

Speed limit of the road the asset sits on

Road Classification  
(A, B, C, U)

Road Hierarchy  
(Strategic route, local access etc.)

Road Type  
(Dual, single lane, roundabout, bridge)

Road Location  
(urban/rural)

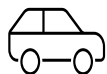
## Vulnerability factors included are:

Whether or not the asset is within a flood zone (Environment Agency) surface water flood zones

Whether there have been emergency visits to the asset

The historic average silt level

# Highway Defects



1,843km of roads



1,965km of footways

Defects will be repaired in accordance with the investigatory levels set out in the Highway Safety Inspection Manual and Network Management Plan.

Carriageways

Footways

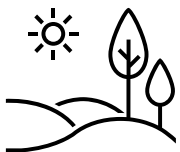
Signs

Kerbs

Drainage

Road studs

# Public Rights of Way



1,154km of Public Rights of Way

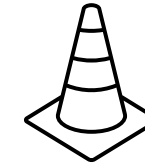


The team will inspect **20%** of the network annually (completing a full inspection every 5 years)

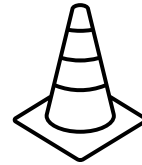


We will work with landowners to resolve issues

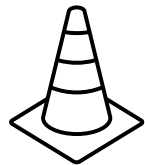
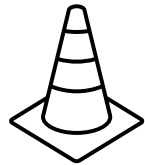
# The **Incident Response** service will be delivered collaboratively with the authority, partners and third-party stakeholders



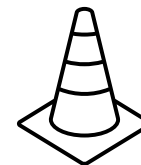
Management of all incidents on or affecting the highway network as notified by NNC, Emergency Services or when identified by the public.



For major incidents on the NNC strategic network and key roads, the Network Intelligence Operation Centre (NIOC) will provide anticipated completion time information via Variable Message Signs.



Where possible, permanent repairs will be made in line with the 'right first time' approach to service delivery



All assets will be made safe following an incident before leaving site

## Intelligent Transport Systems (ITS)

### Network Intelligence Operation Centre (NIOC)

NIOC provides an essential tool in the management of congestion in real-time

Manages over 3,000 defects per year

### Variable Message Signs

To display traffic information relating to incidents on the network or giving advanced notice of road works

NNC Asset Type	Total
Variable Message Sign	6
Vehicle Activated Sign	154
Junction Warning Sign System	1
Over Height Warning (Bridge Signs)	9
CCTV Camera	11
Traffic Signal Junction	62
Traffic Pedestrian Crossing	126

### To improve the mobility of people and goods around the core elements of:

- Journey time reliability
- Network monitoring and optimisation
- Informing highway users

### Normal operating hours are 07:00–18:00 Monday – Friday

Out of hours, the Kier Duty Officer is responsible for managing emergency response

# Winter & Severe Weather



4,000 tonnes of salt stored at NNC's Wellingborough Depot

Daily, two trained and competent Weather Decision Makers will jointly undertake a review of the forecast for the Authority and agree actions.

Weather forecaster provides an all year round 30-day, 15 day, 2 to 5 day and 24-hour forecasts.



**8**  
Gritters



**58**  
Gritter actions

**446**  
Routes gritted



**1,645km**  
of gritter routes gritted



**3,914**  
Tonnes of salt used



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# Thank you

