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PALMERSTON NORTH CITY COUNCIL

MINUTES ATTACHMENTS

INFRASTRUCTURE COMMITTEE

1PM, WEDNESDAY 16 MARCH 2022

COUNCIL CHAMBER, FIRST FLOOR, CIVIC ADMINISTRATION BUILDING

32 THE SQUARE, PALMERSTON NORTH

INFRASTRUCTURE COMMITTEE MEETING

16 March 2022

10 Road Maintenance Contract Update

1. PNCC Road Maintenance Contract Update 4

ROAD MAINTENANCE CONTRACT UPDATE

CONTRACT AWARD

- $37,829,440.77 excluding GST for 3 years from 1 July 2021
- Two further 3 year right of renewal periods
- Roads, footpaths, cycleways, signs, streetlights, traffic signals and road marking maintenance/renewal; and minor road improvements

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ROAD PAVEMENT STRATEGY (2021-24)

- Maintain and improve ride quality and comfort
- Focus on pothole repairs, heavy maintenance patching and resurfacing (to keep seal intact)
- Prepare designs and budgets for 2024-34 10 Year Plan
    - Involves significant programme of road rehabilitation on key arterial routes (Table 1)
    - Increases to unsealed road maintenance (grading, metalling, drainage)

Table 1: Pavement Renewal Validated Locations*

Indicative Timeframe *(budget dependant)*	Validated Locations
2022/23	• Tremaine Avenue (Konni-Wood), • Ferguson-Pitt Street, • Railway Road (west of rail crossing at Bunnythorpe), • James Line (Kelvin Grove Road to Schnell Drive)
2023/24 onwards	• Vogel Street (Tremaine to Featherston), • Campbell Road (roundabout to Stoney Creek Road), • Kelvin Grove Road (Ashhurst Road to Henaghans Road, incl seal widening and isolated vertical improvements), • Stoney Creek Road (rail crossing to Kelvin Grove), • Tremaine/Milson intersection, • Railway Road (Tremaine to rail over bridge), • Tremaine Avenue (Milson to Thames Street), • Pioneer Highway (2x sections between Botanical and Amberley), • Summerhill Drive (Mountain View Road to Tennent Drive), • Turitea Road (SH57 to Valley Views, seal widening), • Kairanga-Bunnythorpe Road (rail line to Te Ngaio, dependent on 2x bridge upgrades), • Tremaine (Thames Street to Vogel), Francis Way

** Sites validated, detailed investigation and design required, renewal projects will depend on budget availability*

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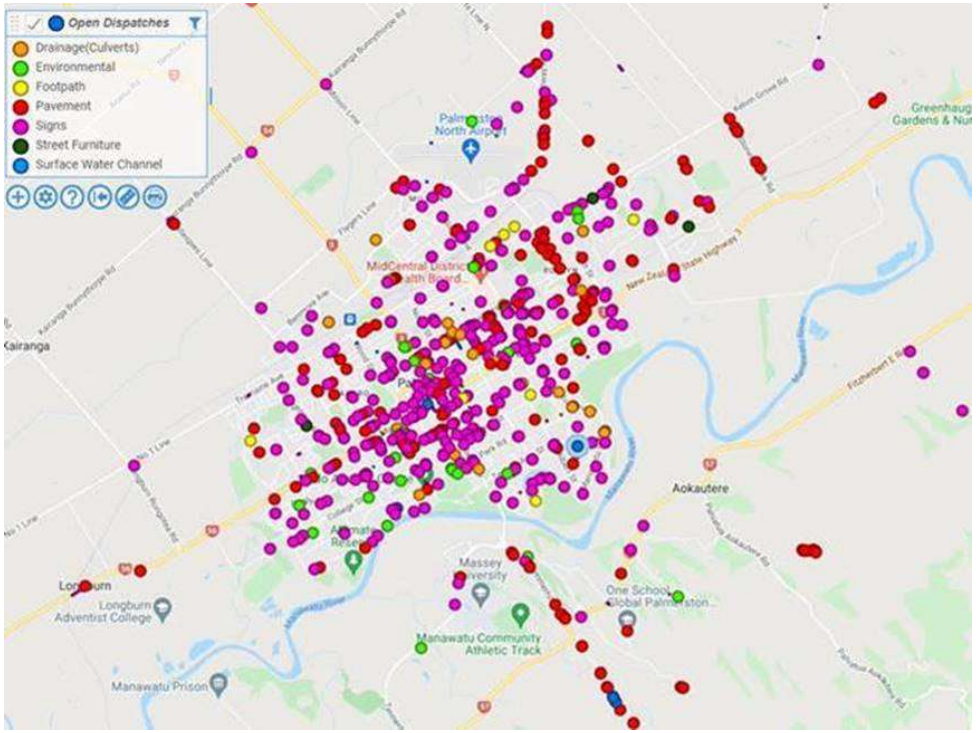
FIND AND FIX JOBS (PROACTIVE PATROLLING)



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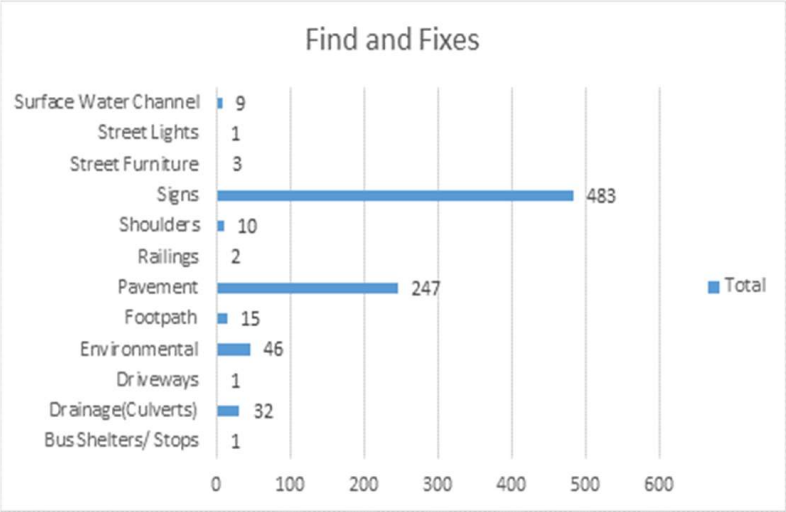
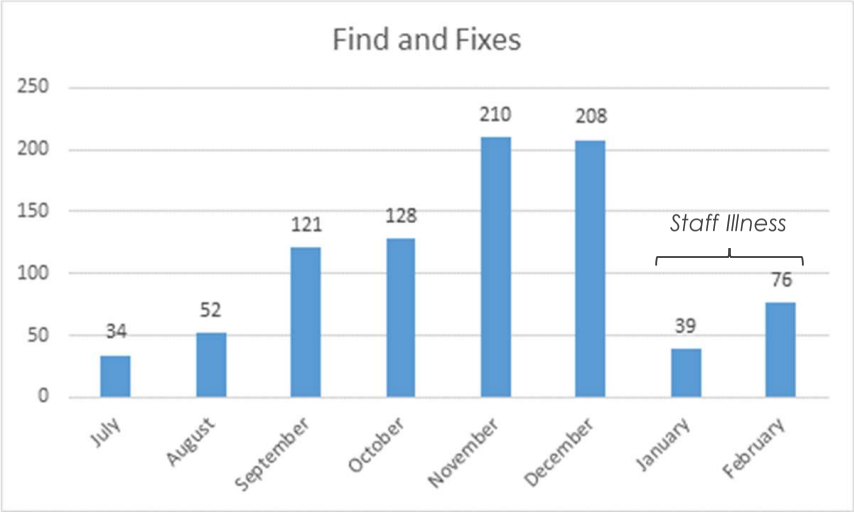
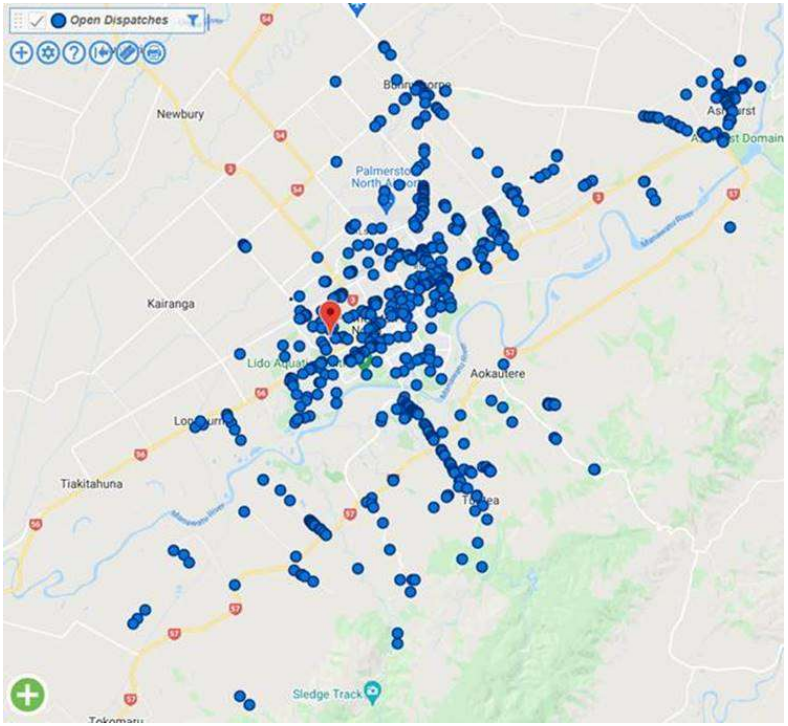
ITEM 10 - ATTACHMENT 1

FIND AND FIX JOBS (PROACTIVE PATROLLING)





POTHOLES REPAIRED (TO 11 MARCH 2022)



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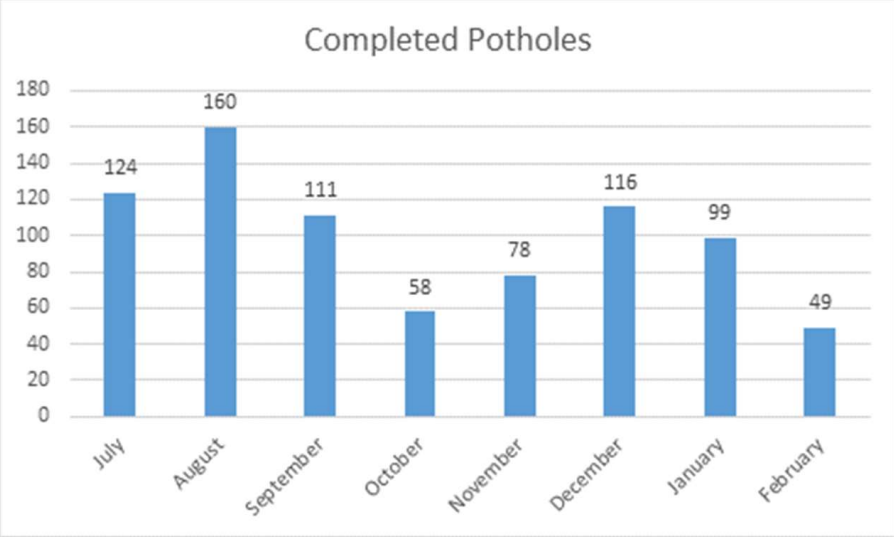

- Total of 844 Potholes repaired
- Dedicated crew initially focused on high risk/priority areas
- Holding repairs prior to heavy maintenance
- Potholes first sign of underlying pavement failure (traffic loading, water proofing loss)

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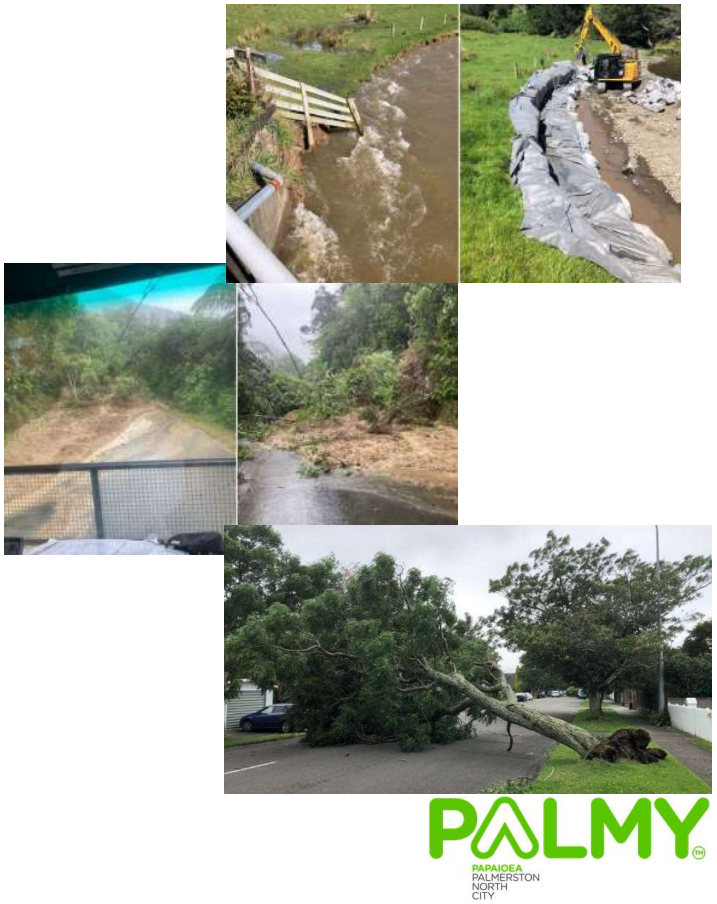
ASSET INFORMATION

- Network knowledge and understanding gathered through proactive (patrolling) and reactive (customer)
- Officers are identifying network deficiency issues identified and developing forward works programmes
- Programming dependant on current budgets
- Programmes and budgets for 2024-34 10 Year Plan will be developed using data and insights gathered

EMERGENCY WORKS

- Unseasonal wet summer (297mm Dec/Jan compared to historical average of 100mm)
- Responding to wet weather and storm events (flooding/high winds) impacts on planned works
- Proactive maintenance on critical stormwater drainage assisted in reducing severity of flooding
- Unbudgeted work



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ROAD SWEEPING

- Electric sweeper (cycle paths) has mechanical issues & replacement delayed due to Covid supply chain
- Interim sweeper coming from Auckland
- Installed magnetic bar on main sweeper to pick up metal objects

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ROAD SAFETY PROJECTS

- Road safety projects delivered through Road Maintenance Contract
- Delivery behind schedule due to Waka Kotahi funding delay (4months)

Benmore Avenue Raised Platforms

FOOTPATHS & CYCLE PATHS

- Footpath repairs/renewals & cycle path maintenance delivered through Road Maintenance Contract
- Footpath repairs progressing – most associated with street tree root impacts. Behind schedule due to wet weather.
- Delivery of new footpaths behind schedule due Waka Kotahi funding delay (4 months)
- Cycle path sweeping behind schedule (due to machine breakdown) – programme to increase over next period
- Off Street Shared Path maintenance being scoped and priced (limestone resurfacing, vegetation control)

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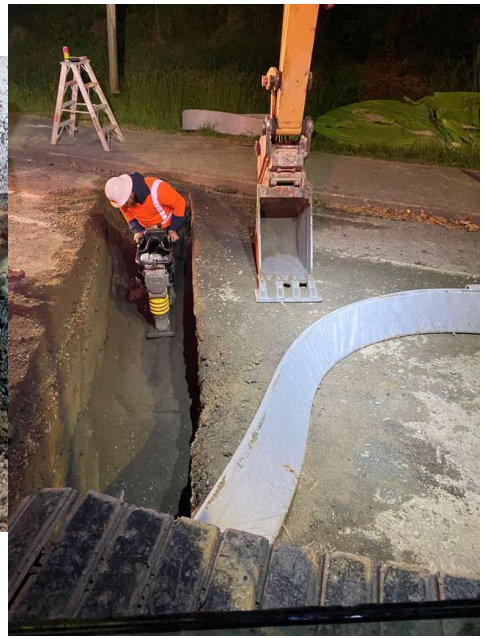
COVID 19 - OMICRON

- Significant Impact – ongoing and increasing
- Currently 50% of crews are isolating – operating with skeleton crew focusing on safety issues
- No asphalt crews available (alternative seal application being investigated)
- Traffic Management teams and local Subcontractors also affected
- Disruption anticipated to continue for another month
- Fulton Hogan are included in the Household Contact Isolation Exemption Scheme (*household contacts can continue to work under strict rules*)

SUMMERHILL DRIVE - DRAINAGE & HEAVY MAINTENANCE (MARCH 2022)



- North bound lane
  - Thin weak 'metal' over soft sensitive soil
  - Rethinking heavy maintenance approach if more sensitive soil encountered
- South bound lane has better structure with clay fill and river-run backfill

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FUTURE FIT PAVEMENT DESIGN

- Cloverlea Roundabout
- Designed for heavy freight movement
- 215mm to 310mm Asphalt Surface
- 300mm cement stabilised pavement
- Approximately $1M

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