

CASE STUDY

PHF – COLDMIX POTHOLE FILL

BUSY GIVE WAY INTERSECTION

MARSDEN POINT, NZ



PRODUCT	PHF – COLDMIX POTHOLE FILL
ENGINEER	NOT REQUIRED
CLIENT	GAS BREAM BAY
CONTRACTOR	GRAVEL LOCK LTD, NZ
LOCATION	MARSDEN POINT, NORTHLAND, NEW ZEALAND

WHERE SCIENCE



MEETS THE EARTH

PROJECT- 2018

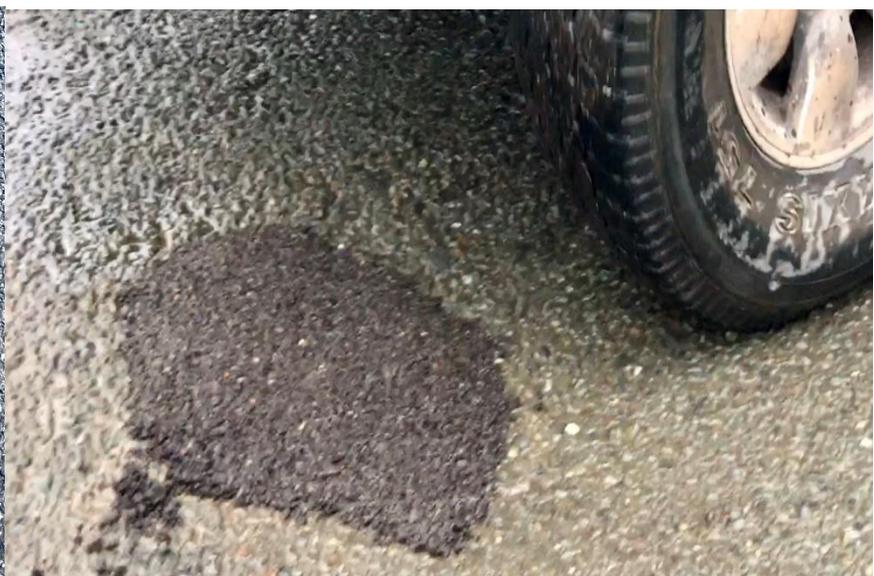
This rest area is situated just off a very busy highway and experiences extreme amounts of through traffic on a daily basis. The Give Way area is prone to unravelling and potholing which causes road users to experience a negative experience when leaving this complex. Gravel Lock put down a trial of PHF Coldmix Pothole Fill, in the middle of winter, next to traditional fill for the owner to assess the viability and longevity of the product. The PHF is still strong and well bound after 2 years!

DESIGN AND APPLICATION

- Clean the hole of any debris and remove any loose pieces around the hole (and if possible give yourself a vertical edge around the hole for the PHF Cold Mix to butt up against - it lengthens the life of the repair) Fill the hole with PHF Cold Mix (make middle slightly higher than the sides (this is called crowning)
- Depending on the size of the repair give yourself a 5-10mm crown - this counteracts the subsidence caused by compacting
- Compact a compactor is recommended for larger holes or timber post for ramming can be used on smaller holes very effectively
- Driving back and forth over the crowned PHF Cold Mix in a vehicle will provide sufficient compaction in most pot holes

BENEFITS TO THE PROJECT:

- Potholes were fixed instantly
- Road users have a safer and more positive driving experience when exiting the Gas Station
- Easy to repair with basic equipment – spade, broom and car tyre.
- Cheap and convenient to manufacture, store and use for pothole and road repair.
- Potholes are still solid after 2 years whereas the traditional fill failed within six months.
- Customer very happy with the repair



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