



UAA & SW – Key Focus Areas

NOKIA

where everyone goes home safely at the end of the day

Agenda

- 01 UAA & SW – An overview
- 02 UAA & SW – Key risk areas – Refresher
- 03 Our Non-Negotiables – Focus areas
- 04 Going Home Safely at the end of the day



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High Risk Areas, narrow risk profile

Controls are well understood, lets make sure behaviour follows



Working at Height

Majority were working at height incidents.



Rigging and Lifting

There was an increase on rigging and lifting incidents.



Road Safety

Followed by vehicles incidents.



Street Works

There was an increase on street works incidents.



Electrical

And electrical incidents.



Underground Works

And underground assets incidents.

Non-negotiables

People

Planning

Site Survey / Site Works

Risk Assessment & Traffic Management

Technology in UAA and SW



UAA and SW - Incidents

These factors are impacting behaviour

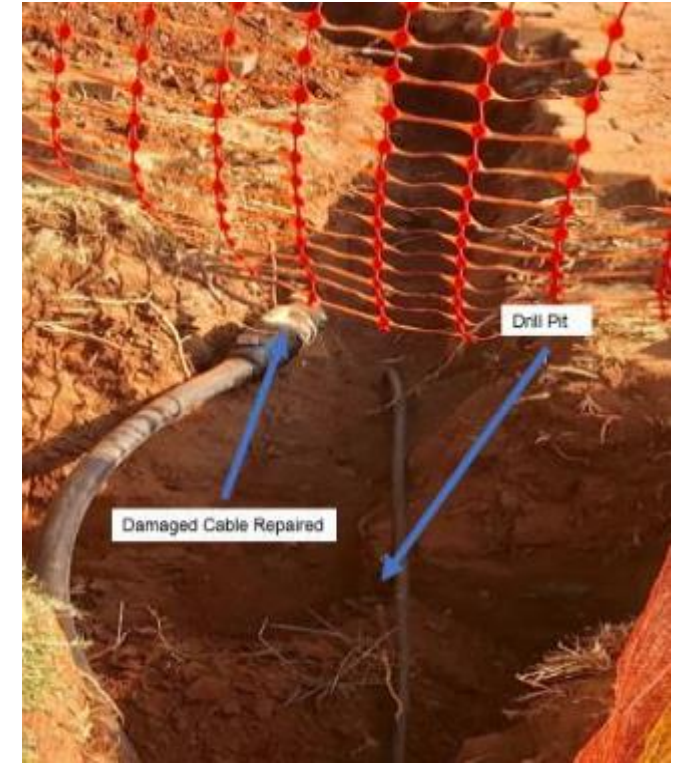
2019



2020



2020



Managing Underground Asset Non Negotiables



Managing Underground Assets

People

PEOPLE



Training

- Focused on Underground Assets risks
- Safe digging practices – Attention to hand digging.
- Right to refuse.



Competence

- Competent personnel from supplier
- SMAs on all Suppliers – High Risk Activity



Medical Fitness to work

- Medically and Physically fit to work, according to local legislation when required

Managing Underground Assets

Planning

PLANNING



Municipal Authorities

- Records held by the municipal or local authorities in the area of the site



Utility Providers

- Utility companies and telecommunications operators who have assets in the area
- DBYD – Dial Before You Dig Service



Estate Owners

- Estate owners information.
- Customer records

EMERGENCY RESPONSE

Managing Underground Assets

Site Survey & Site Works

SITE SURVEY & SITE WORKS



Site info (visual)

- Documented site survey
- Visual inspection
- Ground conditions
- Overhead lines
- Permits to work



Identification of routes

- Existing site survey
- Cable detectors – RF generator
- Asset routes marked



Safe Digging Practices

- Personal protection (glasses, clothing and boots)
- Safe digging methods and training
- Advanced scanning

Managing Underground Assets

What's new?

Safe Digging Practices

Appendix 1.-

- Horizontal Directional
- Drilling
- Mole Work
- Micro-Trenching
- Slot-Cutting

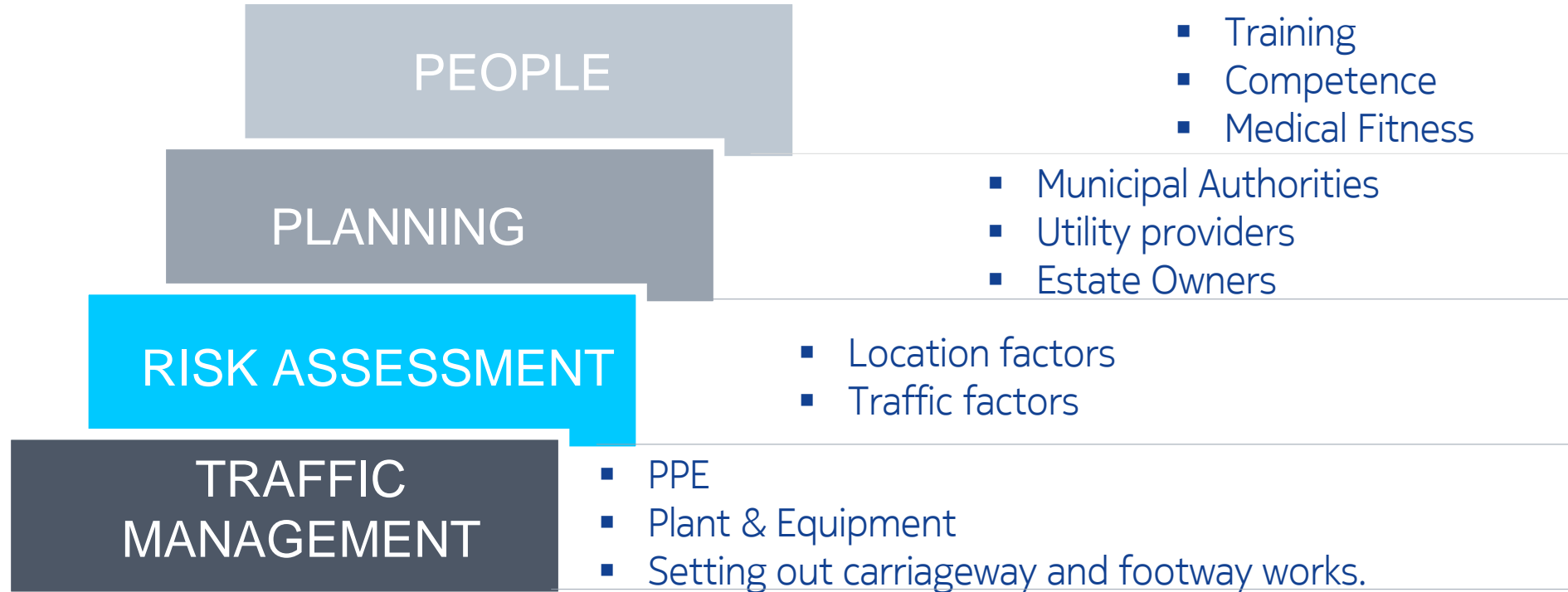
Appendix 3.-

Pre-start
excavation/digging
checklist - Supervisors



Managing Street Works

Non Negotiables



Managing Street Works

People

PEOPLE



Training

- Remaining safe
- Vehicular traffic
- Members of the public
- Signing, lighting, barriers and equipment implementation and removal



Competence

- Competent suppliers and personnel. Records or evidences!
- Local requirements?



Medical Fitness to work

- Medically and physically fit to work.
- Local requirements?
- Consider medical conditions that may impact (i.e. Visual test)



Minimum inconvenience

To road users including carriageway users, verge and footpath users. Surveys, risk assessment and design and implementation of arrangements.



Local Authorities

Consultation with authority for licenses, permits or approvals. Requirements as defined by that authority complied with.



Pre work Site Survey

The worksite layout, the nature of the works and the duration of the works will influence the signing, barriers, guarding and lighting.



Location factors

- Nearby junctions / Interchanges
- Width of carriageways and footpaths
- Visibility
- Railways crossing, bus routes, tramways
- Overhead lines
- Adjacent Roads



Traffic factors

- Types of traffic
- Volume
- Speed Limits
- Commercial activities in the area
- Lighting levels
- Other works

Managing Street Works

Traffic Management

TRAFFIC MANAGEMENT



PPE

- High Visibility clothing:
 - i) operating outside the working site.
 - ii) setting out, maintaining signs, lighting, physical protection or performing traffic control.
- Worn at all times when within the working space



Plant & Equipment

- Signs and cones must be visible, reflective, and easily recognized
- Barriers mechanically joined - Attention to winds
- Consider wheelchairs, pushchairs and mobility scooters
- Adequate road



Setting out carriageway

- As planned.
- Info for road users
- Attention to parked vehicles
- Basic layout
- Basic rules for setting out
- Works on footways
- Unattended work: EXCAVATIONS!!
- Complex junctions

Underground Assets & Street Works

HRPIA & SMA

HRPIA – Section K

-Training and
Competence (x2)

-Supervision - Tools and
Equipment

-Supervision

SMA – Section J

-Training and
Competence (x2)

-Supervision - Tools and
Equipment

-Supervision

ARCHER

HEALTH, SAFETY, SECURITY & ENVIRONMENT GRC PLATFORM



[My Workspace](#) ▾

[Incidents](#) ▾

[Executives](#) ▾

[Privacy](#) ▾

Summary

Think about, talk about and demonstrate good behaviour



| | | |
|------------------|---|---|
| Standards | <ul style="list-style-type: none">Underground Asset AvoidanceStreet Works | ✓ |
| Non-Negotiables | People Planning Supervision | ✓ |
| | Site Survey and Site Works Emergency Arrangements Risk Assessment Traffic Management | |
| Getting it Right | <ul style="list-style-type: none">We get it right more than we get it wrongWe need to remind each other why the non-negotiables are in placeWe need to respect each other and look out for each otherWe need to consider the impact COVID-19 has on how we think | ✓ |

Who's waiting for you to
come home safely?

Questions & Answers

Everyone goes home Safely