



Method Statement No.: GDH – MS01
Title: PCC – Carriageway Planing and Surfacing Operations

GERALD. D. HARRIES & SONS LTD

QUALITY MANAGEMENT

CONTRACT METHOD STATEMENT

GDH – MS 01

PEMBROKESHIRE COUNTY COUNCIL
Carriageway Planing and Re-Surfacing Operations
Various Locations

Prepared By	Signed	Date	Checked By	Signed	Date
T Thomas		Dec. 2014			

Status	Approved By	Date
For Construction	T Thomas	Dec. 2014

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**Title: PCC – Carriageway Planing and Re-Surfacing Operations
At Various Sites for Pembrokeshire County Council**

Scope: Method Statement

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The following personnel have been inducted in the procedures required to carry out the operations detailed in this method statement.

PLEASE COMPLETE AND RETURN COPY TO PLANNING ENGINEER FOR Q.A. FILING.

NAME	JOB DESCRIPTION	SIGNATURE	EMPLOYER

PERSON CARRYING OUT INDUCTION: _____ (PRINT)

_____ (SIGNED)

_____ (DATE)



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1.0 INTRODUCTION

This Method statement covers all activities associated with resurfacing of carriageway, cold milling and application of tack coat, for the highway resurfacing works for Pembrokeshire County Council at various Locations.

2.0 REFERENCES

Risk Assessments
Appropriate COSHH data sheets
Safe Systems of work document

3.0 RESPONSIBILITIES

Persons in charge:

Tony Thomas	Senior Manager	07881093695
Peter Frearson	Project Manager	07970151874

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4.0 Labour, PLANT & EQUIPMENT

Labour

Planer gang consisting of 7 operatives, 1 sweeper driver, 1 lorry driver and 5 planer operatives, ironwork gang consisting of 4 operatives and HRA Paving gang consisting of 13 operatives; Blaw Knox 6 operatives, Rollers 2 operatives, 5 chipping Spreader operatives (sub-contract).

Tarmac Paver
Planer (generally 1 metre width)
Planer Lorries
Road Haulage vehicles (max 16t)
Rollers (various sizes)
Small tools
Tack Coat sprayer
Pitch Boiler
Chipping Spreader sub-contract



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5.0 WORKS PROCEDURE

1. Ensure joint pre and post inspections are undertaken between GDH representatives and PCC representatives on every individual section of work.
2. Induct all operatives associated with the works on this method statement/risk assessment and inform them of the location of the welfare facilities and first aid provisions prior to commencement of any site works.
3. All operatives, staff and visitors will wear appropriate PPE at all times. This will include as a minimum, safety boots / safety wellingtons and hi-viz vest. In the event of PSE being required, all persons being asked to use such equipment shall be trained and deemed to be competent in its use. All such equipment shall be checked and certificated. Protective UV cream will be provided for use by operatives and kept on site in the welfare unit.
4. Inspect the PUSWAS drawings issued in conjunction with site staff to identify the position of all identified services.
5. To ensure there are no unscheduled deliveries, hauliers will be informed to contact site manager Peter Frearson on 07970 151874 to be advised of the preferred route to site, and their estimated time of arrival and type of load. On arrival the haulier will be directed to the working area and unloaded under the control of a GDH banksman.
6. Traffic management to be provided using stop and go boards, all working areas are to be delineated with cones and traffic signs to be erected in accordance with
7. Planing Works –
 - Location of all overhead services to be adequately marked out.
 - Any iron works will be identified and marked out.
 - Planing depths to be controlled via Depth Control Boxes operated by the planer operator.
 - Water tank filled via a bowser or a designated hydrant.
 - All arising's will be elevated into suitable vehicles for removal off site.
 - Road to be kept clean utilizing a road sweeper.
 - All moving plant to be fitted with reversing cameras and audible reversing alarms.
 - When full, vehicles will enter traffic flow in direction of travel.
8. Iron Work –



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- Iron work raising/lowering operations will take place in the planing window when appropriate.
- Iron work loosened by pneumatic tools used in rotation basis complying with HAVS information.
- Once loosened, area will be cleaned and raised with either resin or cement based product to correct level.
- Road to be swept clean by mechanical means.
- All raised iron work to be ramped off to avoid danger to pedestrian and road users using hot bitumen macadam or deferred set material.

9. Delivery and Placing –

- Bituminous pavement courses shall be laid using the materials outlined in the contract specification.
- Hot bituminous materials shall be delivered to the required location in clean, insulated vehicles and remain covered while in transit and /or awaiting tipping.
- The vehicles will be controlled by a nominated banksman at all times.
- Access considerations will be instructed to the drivers to avoid delay to the residents.
- The material shall be spread, leveled and tamped by a self-propelling paving machine
- As soon as possible after delivery, the material will be supplied to the paver and laid without delay.
- The rate of delivery shall be regulated to ensure continuity of laying.
- The rate of travel of the paver shall be maintained to ensure the material is laid to keep an even, uniform flow across the beam to avoid segregation and dragging of the material.
- The layer thickness shall be in accordance with the recommendations of BS4987 Part 2 as appropriate or normally the full layer thickness (except asphalt sand carpet – BS594).
- Hand laying/raking for adjust of level shall only be permitted around gullies/manholes for regulating if required, and areas where the paver cannot operate.
- All planing and tie-ins shall be in accordance with the typical details.
- All joints shall be offset by at least 300mm from the parallel joint of the previous layer, with the surface course joint being under the proposed white line if possible. Centre joint to be cut and pitched in accordance with BGCBC's requirements.
- K1-70 tack coat at 0.5l/m² shall be applied where proposed surfacing is to be laid over existing surfacing, new surfacing that has been trafficked for more than three days and for the thin surface course as required.
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10. Environmental Procedures –

- Re-fuelling of plant to be carried out in accordance with the approved procedures.
- Dust suppression is to be used during periods of dry weather.

6.0 ADMINISTRATION

1. Visual daily safety reviews will take place.
2. GDH site management will carry out as a minimum one safety inspection; a copy of this inspection will be filed.
3. GDH's independent safety Advisor carries out random safety inspections and this site may be included.
4. A Toolbox Talk will take place on morning of the start of the operation.
5. Induction talks will be held on each site.

7.0 DEVIATION TO METHOD STATEMENT

Any deviation to this method statement must be supplemented by using the GDH method statement amendment sheet. This sheet will then be issued for approval/information

7.0 RISK ASSESSMENT

See Health and Safety Plan

9.0 EMERGENCY PROCEDURES.

In the event of an emergency carry out the following:

1. Withdraw to a safe position and make safe the area. The muster points shown in the Health and Safety Plan.
2. **If the nature of the emergency is life-threatening contact the emergency services immediately by dialing 999.** Give them clear and precise information on the nature of the injuries, the site address and directions to the site:



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3. State Specific site Location

4. Contact either of the following GDH members of staff:

Ian Harries	Senior Manager	07970 825116
Tony Thomas	Project Manager	07881093695

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5. Stay with the casualty until relieved by the first aider, the first aider on this project is indicated on appendix B, or other delegated qualified operative of GDH. He will stay with the casualty until the emergency services arrive or transport to hospital for further treatment.
6. Suspend work immediately, review the situation and seek advice on whether it is permissible to re-start work.
7. Site management to fill in the appropriate documents i.e. accident book etc. and inform the HSE (if necessary) in accordance with RIDDOR.
8. Report all near miss incidents 'on a no blame culture' to prevent any similar situations.
9. The assembly point for the site will be determined by the supervisor on site visit.
10. For fire safety, refer to GDH which will be displayed in HQ.

10.0 OTHER EMERGENCY CONTACT NUMBERS

- | | |
|-------------------------------|--------------|
| • Environment Agency Incident | 0800 807060 |
| • Western Power | 0800 0520400 |
| • Transco | 0800 111999 |
| • Welsh Water | 0800 0520130 |
| • British Telecom | 0800 9173993 |
| • Head Office | 01834 860464 |