

Safe System of Work for Road Restoration Improvement

a. Purpose:

To provide guidance and a series of actions, on how to prevent injury and/or ill-health associated with the carrying out of road restoration improvement and to mandate all employees to demonstrate compliance with all applicable legislation.

b. Scope:

Applicable to all employees engaged in road restoration improvements where DCC is the PDSP/ PSCS. This Safe System of Work should be read in conjunction with the Safe Systems of Works for Drainage, Minor Civils Works and Surface Dressing.

c. Definitions:

Road Restoration improvement includes the following activities: surface restoration and road reconstruction.

- Surface Restoration in addition to surface dressing should, as necessary include improvement of transverse and longitudinal drainage, pothole patching and restoration of road widths to those originally provided and local strengthening of weak or deteriorated road edges.
- Road Reconstruction involves the regulation or reconstruction of the existing road pavement and overlaying with bound or unbound materials with or without surface dressing and the provision of drainage, where necessary.

d. Relevant Risk Assessments:

The following Risk Assessments are relevant to this activity:

Risk Assessment ref.	Title
001	Lifting Operations
003	Abrasive Wheels
004a	Biological Hazards
004b	Weil's disease
004c	Infectious Disease
005	Hazardous Materials, Chemicals, Pesticides
008	Hand tools, electrical portable equipment
009	Lone Working
010	Lifting gear
011	Liquefied Petroleum Gas
012	Manual Handling
013	Noise at Roadwork's
014	Personal Protective Equipment
015	Vibration
016	Working on or adjacent to water

Risk Assessment ref.	Title
017b	Slip, trips and falls (construction site)
018	Fire
019	Mobile Construction Plant
021	Working on Roads / Roadworks
024	Bitumen Boilers / Patching Unit
025	Mobile Signage
026	Overhead / Underground Services
028	Children & Unauthorised Public
029	Compressed Air Tools
030	Chainsaws
031	Tractor Hedge Cutting / Grass Cutting
032	Use of Flammable Substances
033	Harassment from Public
036	Mechanical Hazards
040	Fuel Storage & Dispensing
043	Vehicle Breakdown
044	Weather Conditions
045	Housekeeping

e. Roles and Responsibilities:

The following roles and responsibilities are specific to this Safe System of Work and are in to be read in conjunction with the other roles and responsibilities assigned to the post-holder in the Roads Safety Statement.

At the beginning of each programme period the supervisory staff involved in the works shall meet and agree assignment of responsibilities. These shall be documented below in section f.

f. Procedure:

1) Project Planning and Design	
Item:	Responsibility assignment and date
Plant and equipment:	
<ul style="list-style-type: none"> ▪ Select suitable plant and equipment. 	
<ul style="list-style-type: none"> ▪ Carry out inspections and checks as per Section 11 of the Safety Management System (Green Folder) 	
Materials:	
<ul style="list-style-type: none"> ▪ Obtain material data sheet for construction materials and chemicals on site. 	
<ul style="list-style-type: none"> ▪ Carry out risk assessments on these materials in use as part of ongoing safety awareness toolbox talk's programme. 	
<ul style="list-style-type: none"> ▪ Select suitable, safe locations for storage of materials. 	
<ul style="list-style-type: none"> ▪ Plan safe deliveries to site. 	

1) Project Planning and Design continued	
Item:	Responsibility assignment and date
Staff:	
<ul style="list-style-type: none"> ▪ Appropriate training in accordance with the Section 8 will be provided to relevant employees. Some courses are mandatory and marked with * <p>Abrasive Wheels Chainsaw Training Road Strengthening Banksman CSCS Location of Underground Services * CSCS 180° Excavator * CSCS 360° Excavator * CSCS Health and Safety at Roadworks * CSCS Mini digger * CSCS Location of underground services * CSCS Signing, Lighting & Guarding at Roadworks * CSCS Site Dumper * CSCS Slinger-Signaller * Driver CPC modules * IAT Material Testing for Technicians IAT Roads Engineers Course</p> <p>IOSH – Managing Safety for Construction Managers IOSH – Supervising Safety in Construction Manual Handling (Outdoor) Occupational First Aid Operation and Maintenance of Strimmers Bushcutters Ride on Roller Safe Pass Safe Systems of Work Plans Training Stop/Go Operator Supervisory Skills for General Services Supervisor Surface Water Construction and Maintenance Temporary Traffic Signal Operator Tractor Training Training for Designers of Temporary Traffic Management</p>	
<ul style="list-style-type: none"> ▪ Brief all staff on risks and control measures via rolling programme of toolbox talks and Safe System of Work Plan for each site. 	
<ul style="list-style-type: none"> ▪ Notification to Gardai and other parties including media as necessary. ▪ Complete any Designs for works. ▪ Where applicable appoint contractors in accordance with procedures in section 13 of the Safety Management System (Green Folder). 	

2) Operations:	
Item:	Responsibility assignment and date
<ul style="list-style-type: none"> ▪ Implement Traffic Management Plan; 	
<ul style="list-style-type: none"> ▪ Implement specific control measures identified for hazards in the Safe System of Work Plan; 	
<ul style="list-style-type: none"> ▪ Implement identified control measures for generic risk assessments listed in section d; 	
<ul style="list-style-type: none"> ▪ Implement any available designs; 	
<ul style="list-style-type: none"> ▪ All employees to identify additional hazards or risks not identified at planning stage and notify site management. Site management to review operations and modify SSWP's and TMP's accordingly. 	

3) Records and Closeout:	
Item:	Responsibility assignment and date
<ul style="list-style-type: none"> ▪ Complete project close out sheet. See Section 12 of the Safety Management System (Green Folder) 	
<ul style="list-style-type: none"> ▪ Compile SAFETY FILE and submit to SE ▪ Keeping records electronically (IS Section) ▪ The following records must be kept for 5 years <ul style="list-style-type: none"> ○ HSA SSWP ○ Specific RA and TMP ○ Relevant design sheets ○ Project close out sheet ○ Plant records 	