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| **Breast High Road Borrowdale Restoration Project - Images** | | | |
| **Map Reference Point** | **Current feature/condition** | **Proposed Access Improvement** | **Image** |
| 42-43 | 9 inch culvert pipe no longer working | Replace 9inch culvert - 4 lengths, 3 joints | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 42-43 (2).JPG |
| 44 | Side drain into culvert, currently eroded | Replace drain and ensure protected edge. 10m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 44.JPG |
| 45 | Bend in track unsustainable with loose rocks on steep surface | Create an aggregate surface around bend. | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 42-43.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 45.JPG |
| 46 | 9 inch culvert pipe broken | Replace 9 inch culvert pipe at a gentler angle | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 47.JPG |
| 47 | 9 inch culvert pipe broken | Replace 9 inch culvert pipe | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 47 (2).JPG |
| 48-49 | Drain | Clear out drain leaving track so functions properly.  8m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 48-49.JPG |
| 50-51 | Side drains on both sides to clear | Clear out drain so functions correctly and use material to raise road surface.  105m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 50-51.JPG |
| 52-53 | Drainage ditch and borrow pit for materials for surfacing |  | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 54.JPG |
| 54 | No drainage on track | Install cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 54 (2).JPG |
| 55-56 | Side drain | Clear out drain so functions correctly. Use material on track 30m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 54 (2).JPG |
| 57 | no drainage on track | Install cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 57 (2).JPG |
| 58 | no drainage on track | Install cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 57 (2).JPG |
| 59 | Reinstate side drain that is blocked to corner | Clear out drain so functions correctly. Use material on track 35m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 58 and 59.JPG |
| 60 | Cross drain not working | Remove cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 60.JPG |
| 61 & 62 | Existing cross drain not working | Remove and replace with two cross drains. | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 61.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 61.JPG |
| 63 | 12 inch culvert working | Culvert ok - leave as is | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 63.JPG |
| 64-66 | Start of Deep erosion of track and loss of material | Earthworks - fill and reprofile track  40mx12m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 64-66.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 64.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 64 (3).JPG |
| 65 | Deep erosion of ditch to side of route | Earthworks - reprofile ditch 20m |  |
| 67 | Cross drain required | Install cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 67.JPG |
| 68-69 | Side drain not functioning | Install side drain along northern side. Use material on track to raise camber. 200m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 68-69.JPGL:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 68-69 (2).JPG |
| 70 | 12 inch culvert ok | Culvert ok - leave as is | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 70.JPG |
| 71 | Cross drain not working | Remove cross drain | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 71.JPG |
| 72-73 | Existing culverts blocked and water eroding track. | Remove 4m wall and create 3mx3m sediment trap 1.5m deep. Flag bottom and wall up. 20mx3m pitched area including 2 fords. Revetment 2m on lower side.  **Est. 60t stone required** | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 72-73.JPG  L:\Park Management\Parkwide Projects & Work\Fix the Fells\Digital Images\NEW from March 2019\Breast High Road\RIMG4105.JPG  L:\Park Management\Parkwide Projects & Work\Fix the Fells\Digital Images\NEW from March 2019\Breast High Road\RIMG4108.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 72-73 (2).JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 73.JPG |
| 74-75 | Side drain blocked | Reinstate side drain. Use material on track 450m. | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Site Visit Photos\Map Ref 74-75.JPG  L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\Photos 230919\Map Ref 74-75.JPG |
| 76 | Bank eroded | Earthworks - realign ditch and build embankment to support track 20mx4m | L:\Projects\PMF Projects\PR0026 - Breast High Road Enhancement Project\5. Design\1. Requirements\Map Ref 76.JPG |

**Pitching Stone:**

It is estimated ‘Borrowdale’ will require 63 tonnes of stone for the pitching, and culvert headwalls.

**Subsoiling:**

We will also require subsoiling and surfacing of 500 metres (x 3 metre width) of track within the ‘Borrowdale’ section. See below for map.

We have identified potential sources of substrate which could also be used during the subsoiling process – subject to agreement with the site supervisor and landowner.

The subsoiling will also require a 6inch (15cm) capping of aggregate material in addition to the subsoiling (Est. Total for ‘Borrowdale’ of 225 tonnes of aggregate)

