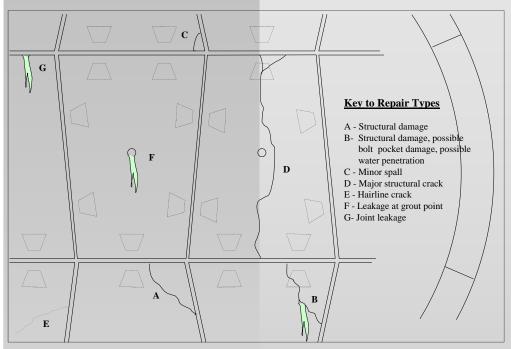
TECHNICAL REFERENCE

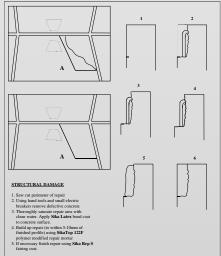


MRTA Initial System Project – Underground Structures North

In-situ Repairs To Tunnel Segments



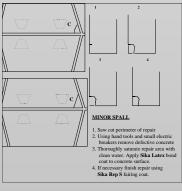
A. Structural Damage



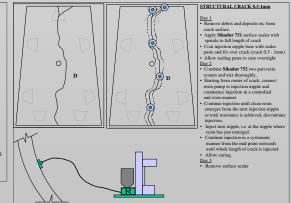
B. Structural Damage / Water Leak

STRICTURAL DAMAGE! **MATRIE JAMAGE **MATRIE JAMAGE **I. Son our perimeter of repair 2. Using land indicate concrete 3. Apply Sika 142 waterplay to stop water tangen. 4. class water, Apply Sika 142 waterplay to stop water tangen. 5. Bind of a repair to sught. Str. Date for our of concrete surface. 5. Bind of a repair to sught. Str. Date for our of polymer modified repair morar 6. If recessary finish repair using Sika Rep S fanng cour.

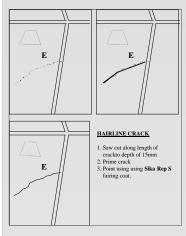
C. Minor Spall



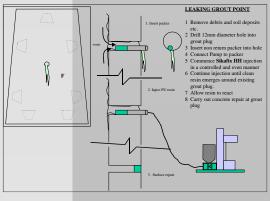
D. Structural Crack



E. Minor Crack



F. Leakage at Grout Point



G. Leakage at Segment Joint

