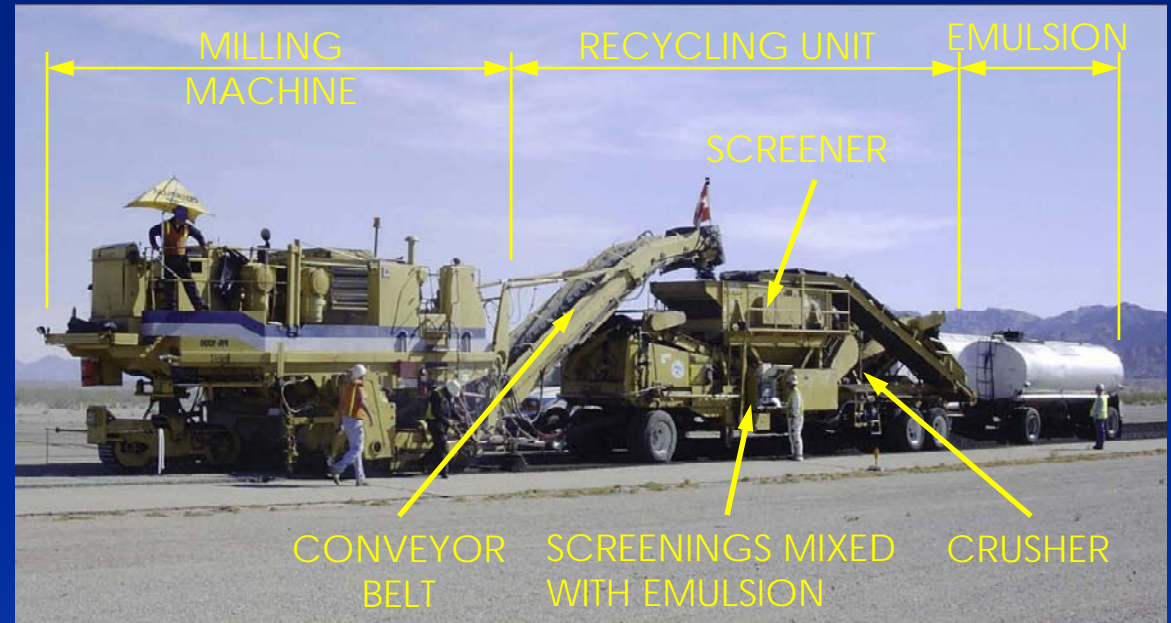


Cold In-place Recycling (CIR)

○ The preferred method of recycling pavement using CIR involves a train of equipment.

1. The process begins with the milling machine grinding off the pavement to be recycled.
2. Next, the material travels up a conveyor belt to the Recycling Unit.
3. From there, the material is separated by size by the screener.
4. The pieces that are too big are sent to the crusher. The crusher breaks down these remaining pieces and sends back to screener.
5. Finally an oil mixture (emulsion) is added to the screened material at base of recycling unit to create CIR.



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- Once CIR is produced, it is applied to the street similar to conventional asphalt pavement.
 1. The CIR is deposited on ground by the recycling unit.



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 1. The CIR is deposited on ground by the recycling unit.
 2. Next, the CIR is collected by paver.
 3. The paver then evenly distributes the CIR.



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- Once CIR is produced, it is applied to the street similar to conventional asphalt pavement.
 1. The CIR is deposited on ground by the recycling unit.
 2. Next, the CIR is collected by paver.
 3. The paver then evenly distributes the CIR.
 4. A roller compactor is next used to compact the pavement.
 5. The CIR is allowed to cure to release all excess water and compacted one final time.



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 2. Next, the CIR is collected by paver.
 3. The paver then evenly distributes the CIR.
 4. A roller compactor is next used to compact the pavement.
 5. The CIR is allowed to cure to release all excess water and compacted one final time.
 6. Finally, the process is completed with a thin overlay of conventional asphalt.



FINAL CIR PAVEMENT ON EVERGREEN
AT FLORA