BENEFITS OF HYDRODEMOLITION

CONCRETE DEMOLITION CONTRACTORS EXAMINE HYDRODEMOLITION

IN ADDITION TO HIGH-REACH EXCAVATORS AND CRUSHERS, OREGON DEMOLITION COMPANIES USE SPECIALIZED TECHNIQUES TO DECONSTRUCT BUILDINGS, SUCH AS HYDRODEMOLITION.

WHY USE HYDRODEMOLITION?

✓ REMOVE WEAK OR DETERIORATED CONCRETE, ASPHALT OR GROUT
✓ PREPARE FOR CATHODIC PROTECTION

HOW IT WORKS

HYDRODEMOLITION TYPES

HYDROSCARIFICATION:
Removes up to ¼” of road or bridge surfaces

PARTIAL DEPTH REMOVAL:
Removes more than ¼” of a surface

FULL DEPTH REMOVAL:
Completely removes a surface

COMPONENTS:
- High-pressure water pump
- Robotic cutting tractor
- Support trailer
- 40,000 PSI: The pressure levels that Oregon demolition equipment can reach
- FINE AGGREGATES: Oregon demolition contractors may blast a fine aggregate along with the water
- 16 INCHES: Width of the strips removed in a single pass

BENEFITS OF HYDRODEMOLITION

Fast surface removal
Create strong surfaces for bonding
No structural vibrations, dust pollution or support beam fracturing
Prevent microfractures
Remove surface coatings without damaging underlying concrete
Robotic equipment keeps employees safer and ensures uniform results