

Disclaimer

Use of the Alberta Transportation and Economic Corridors Products List is subject to the following conditions:

- This Products List is meant to serve as a resource for contractors, designers, and department personnel. It is not to be construed as a complete listing of available products. Any products meeting the requirements of the contract documents and the relevant standard specifications may be considered for use on Alberta Transportation and Economic Corridors projects.
- The Products List is not to be construed as an endorsement of a given product, or in any way a guarantee of adequate performance relative to specific contract requirements.
- The Products List is to be used in conjunction with the project contract documents and the most current versions of the relevant standard specifications:

[General Specifications and Specification Amendments for Highway and Bridge Construction](#)

[Standard Specifications for Highway Construction](#)

[Standard Specifications for Bridge Construction](#)

[Standard Specifications for Highway Maintenance](#)

- The products must meet the specific requirements of the project design and are not to be used in a manner that is contrary to the manufacturers' intended use or warranty conditions without prior written approval from the Department.
- Appropriate safe work procedures and precautions are to be taken in accordance with OH&S, WHMIS and the manufacturers' guidelines for the material's use.
- ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS ASSUMES NO RESPONSIBILITY FOR THE USE, APPLICATION, INSTALLATION, OR STORAGE OF THE PRODUCT(S) AND WILL NOT ACCEPT LIABILITY OF ANY NATURE WHATSOEVER THAT MAY BE SUFFERED BY ANYONE FOR THE FOREGOING REASONS.

Product Status Definitions

Potential Products – have the potential to meet standard specifications and/or the specific requirements of the work but have not yet been used on Alberta Transportation and Economic Corridors projects.

Trial Products – appear to meet standard specifications and/or the specific requirements of the work and have been installed/used in trial projects for Alberta Transportation and Economic Corridors. These products are being monitored for acceptability.

Proven Products – products for which an adequate performance record has been established on Alberta Transportation and Economic Corridors projects.

Approved Products – Alberta Transportation and Economic Corridors has been directly involved in testing these products which only include Bridge Concrete Sealers, Bridge Coating Systems, Non-Shrink Grout, Concrete Patching Materials and Traffic Paint Formulations.

Reviewed Products – products for which an adequate performance record could not be established on Alberta Transportation and Economic Corridors projects in short term. The literatures related with these types of products, such as specification, case studies test reports etc. are reviewed and based solely on these documents, the products are listed.

The use of products listed under "Trial", "Potential" and "Reviewed" requires prior approval of the department. Such approval may be obtained from Kristen Tappenden, Director, Geotechnical and Utilities Section, Alberta Transportation and Economic Corridors (kristen.tappenden@gov.ab.ca; 780-231-9572).

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ALL PRODUCT CATEGORIES

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PRODUCT CATEGORIES

AGGREGATE

ASPHALT CONCRETE

- Pavement (ACP)
- Pavement (SuperPave)
- Curb, Medians, Traffic Islands and Flumes

ASPHALT MATERIALS

- Asphalt Cements/Emulsified Asphalt/Liquid Asphalt
- Rejuvenating Agent
- Anti-strip / Warm Mix Additives

BASE COURSE

- Asphalt Stabilized
- Cement Stabilized
- Granular

BRIDGE CONCRETE SEALERS (APPROVED PRODUCTS)

- Type 1a
- Type 1b
- Type 1c
- Type 2a
- Type 2b
- Type 3

BRIDGE COATING SYSTEMS - PAINT (APPROVED PRODUCTS)

BRIDGE FIBER REINFORCED POLYMER WRAP SYSTEMS

CABLE DUCTS (Highway Construction)

- Ducts
- Spacers
- Concrete
- Rope
- Sealant

COMPOST FOR EROSION AND SEDIMENT CONTROL

- Compost Systems

CONCRETE COLORING ADMIXTURES

CONCRETE PATCHING MATERIALS FOR BRIDGES (APPROVED PRODUCTS)

- Type NH Normal Horizontal
- Type OH-V Overhead or Vertical
- Type HEH High Early Horizontal
- Type LTH Low Temperature Horizontal
- Type FP Form and Pour or Form and Pump

[CORROSION PROTECTION](#)

- Galvanic
- Galvanizing (Repair)

[COATING SYSTEMS](#)

[CRACK TREATMENT](#)

- Crack Sealant
- Rubberized Crack Sealant (Hot Pour Rubberized)
- Spray Patch
- Silicone Highway Sealant
- Concrete Crack Filler

[CULVERTS](#)

- Metal Pipe
- Smooth Wall Steel Pipe
- Corrugated Metal Pipe
- Structural Plate Corrugated Metal Pipe
- Tunnel Liner Plate
- Concrete Arch Systems
- Gates
- Polyethylene Pipe
- Polyvinyl Chloride Pipe
- Reinforced Concrete Pipe (R.C.P.)
- Beaver Control
- End Treatments
- Culvert Liner

[DE-ICING CHEMICALS](#)

[DRAINAGE SYSTEMS](#)

[DUST ABATEMENT](#)

[EARTH RETAINING SYSTEMS](#)

[ELECTRICAL EQUIPMENT](#)

- Highway Lighting Products
- Precast Concrete Electric Service Box
- Underground Electrical Conduits
- Street Lighting Luminaires

EROSION AND SEDIMENT CONTROL SYSTEMS

- Ditch Blocks/Barriers
- Silt Fence
- Cellular Confinement Systems
- Gabions and Mats
- Rolled Erosion Control Products (RECP)
- Sediment Control
- Polyacrylamide (PAM)
- Hydraulic Erosion Control Products (HECP)
- Miscellaneous Erosion and Sediment Control
- Articulating Concrete Blocks

FENCING

- Right-of-Way
- Snow
- Fence Anchors

FROST BARRIERS

- Pavement Insulation Foam

GEOTECHNICAL INSTRUMENTATION

- Slope Indicator

GEOSYNTHETICS

- Geotextiles
- Geogrids
- Geonet / Geocomposite / Wick Drain
- Geomembrane

GRANULAR FILL

- Pit Run Gravel

GRAVEL SURFACING

GROUTS

- Cement/Silica Fume Slurry Grout
- Non-Shrink (**APPROVED PRODUCT**)
- Culvert Liners
- Lightweight Fill Material

HIGHWAY SAFETY DEVICES

- Impact Attenuators

HOT IN-PLACE RECYCLED ASPHALT CONCRETE PAVEMENT

[HYDRAULIC CEMENT](#)

For use on bridge projects, refer to the requirements of the most current version of the Standard Specifications for Bridge Construction, Section 4 – Cast-in-Place Concrete, including all applicable specification amendments.

For use on highway projects, refer to the requirements of the most current version of the Standard Specifications for Highway Construction, Specification 5.11 Supply of Portland Cement, including all applicable specification amendments.

[LIGHTWEIGHT FILL](#)

[LIVESTOCK GUARDS](#)

[MANHOLES, INLETS, CATCH BASINS](#)

[MISCELLANEOUS IRON](#)

For use on bridge projects, refer to the requirements of the most current version of the Standard Specifications for Bridge Construction, Section 13 – Miscellaneous Iron, including all applicable specification amendments.

[NATURAL POZZOLAN SUPPLEMENTARY CEMENTING MATERIALS](#)

[PAVEMENT MARKINGS](#)

- Glass Beads
- Paint (**APPROVED PRODUCT**)
- Durable
- Preformed
- Traffic Marking Tapes
- Reflectors – Raised Pavement Markers
- Traffic Line Lighting
- Painted Surface Treatments

[PAVEMENT PATCHING](#)

[RAILWAY CROSSINGS](#)

- Flangeways / surfaces

[REINFORCING STEEL](#)

[RIPRAP](#)

- Random Rock Riprap
- Hand-Laid Riprap
- Heavy Rock Riprap

[ROCK/DEBRIS RETAINING SYSTEM](#)

[ROCKFALL](#)

[SANDING MATERIAL TREATED](#)

[SANDING MATERIAL](#)

[SEEDING](#)

- Grass Seed
- Fertilizer
- Mulch
- Soil Amendment
- Herbicides

[SHOTCRETE, FIBRE-REINFORCED](#)

- Cement
- Silica Fume
- Fine Aggregate
- Steel Fibre
- Water

[SIGNS AND SUPPORTS](#)

- Reflective Sheeting
- Bases
- Cluster Frames
- Supports
- Mounting Hardware

[SLOPE STABILIZATION](#)

- Soil Nail
- Anchored Reinforced Vegetation System

[SOUND ATTENUATION WALL SYSTEMS](#)

[STABILIZATION \(Soil\)](#)

[STRUCTURAL STEEL](#)

For use on bridge projects, refer to the requirements of the most current version of the Standard Specifications for Bridge Construction, Section 6 – Structural Steel, including all applicable specification amendments.

[SURFACE SENSORS](#)

- Surface Condition Sensors

[SURFACE TREATMENT](#)

- Fog Coats
- Prime
- Tack Coat
- Seal Coat
- Selective Surface Sealing Spray Patch
- Slurry Seal
- Surface Treatment – Asphalt

TIMBER

- Strip Deck Replacement
- Temporary Pipeline Crossing for Haul Roads

TRAFFIC CONTROL DEVICES

- Barrier Systems
- Concrete Barriers
- Flexible Guidepost Traffic Delineators
- Traffic Signals
- Traffic Detection
- Workzone Traffic Control

UTILITY PIPELINE CROSSING

- Pressurized
 - Water
 - Oil & Gas

VOID FILLING

- Expanding Injection Filling

WILDLIFE REFLECTORS