

StarTrack: Fiberglass Rail Car Spill Containment System

The Star Track system is an impressive, heavy-duty, railcar containment system engineered to meet our customer's requirements for permanent or temporary applications. StarTrack is surface mounted and can be installed without moving the rails or ties.



KEY STAR TRACK BENEFITS:

- A set of fiberglass pans, three (3) per set, cover a 20' long by 10' wide section of track.
- Surface mounted for fast installation. No need to remove tracks! Assembly requires standard hand tools. Pans fit tight against rails and are secured by special fasteners
- 1/4" thick fiberglass construction for superior strength and excellent corrosion resistance. Several resin options for severe chemical applications.
- Usable in hot or cold climates. UV resistance for long life.

"Rugged . . . Long Term Protection . . . Easy Installation . . . Affordable Price!"



Rail containment project . . . (Pictured Right) covers 120 ft. of track, 10 ft. wide. The system was constructed in two days using 6 sets of rail pans. System included a fluid collector system feeding spills to a 22,000 gallon holding pond for effective spill control.

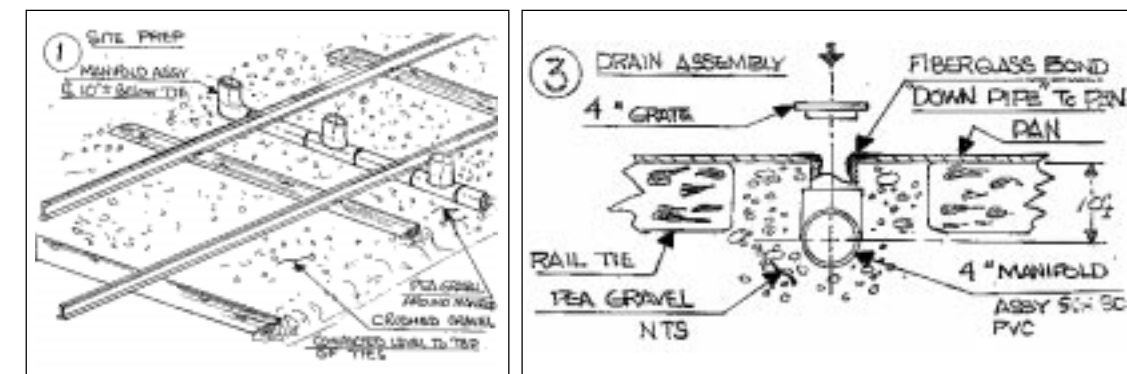
Each of the six sections consists of three, low profile, 20' long by 4" high pans. Includes a center pan for containment between the tracks, and two outrigger pans for containment on both sides of the track. Without a drain, the center pan contains 230 gallons, while the outrigger pans contain 115 gallons each. A standard rail tanker car requires three sets of pans, 60' feet in all, for full coverage.

SPILL COLLECTOR SYSTEM:

Star Track provides a clean, efficient spill management system. Each of the pans in a three pan set can be connected to the other two pans via a 6" manifold system which carries rainwater and spilled fluids to one side of the track, where a collector pipe running parallel to the track carries the material into a oil / water separator or holding tank for processing.



SITE DISRUPTION IS MINIMAL: The Spill Collector system can be installed by removing the gravel between two rail ties approximately every 20' (in most cases rail ties do not have to be moved). A four inch (4") PVC manifold is then placed under the tracks and assembled. The surface mounted Star Track pans are then secured on top of the ties and under the rail crown. The two systems are then bonded to one another to create a leak proof joint. The manifold is then connected to a collector pipe for transport to a fluid processing point. Installation may be completed by the customer's staff or by Polystar's technicians.



Site should be level to preserve capacity in system. Excess gravel or dirt must be cleared away to provide a clear 4" space from ties to top of rail web.

Most system configurations can be installed in one day or less and the system is typically useable immediately after completion.

