



Rail sections (20-030) are bolted to the supporting I beams with special clips (20-031) every TWO feet. Extra clips are required at joints, at which the rail is cut on a 45-degree diagonal and separated by 1/8 inch along its axis

Bolted joints in the I beams supporting the rails

Add appropriate cross bracing

40-ft section of I beam

Heights of columns to be determined by profile of site

Existing concrete pods

Beam is part of building

Existing concrete pod

Track for Roll-Off Roof

| | | |
|----|-----|--|
| 33 | 4 | End slope of 8x12, 25 steel bolted through rail |
| 32 | 200 | 3/4-in bolts with nuts and lock washers |
| 31 | 200 | Rail flange (Atlantic Track no. 100 or equivalent) |
| 30 | 6 | ASCE 70-pound rail in 33-ft sections |

No. Qty. Description

Tenn. State Univ.

CASS 2-m AST Project

12/02/97
J.A.E.

AST-20-A15