Outer coffin: 12” x 61.5” x 48”, 1” wall (except one side 3”) weight 1.2T
Inner coffin: 2” walls (except one side no wall) weight 1.5T
To move 2.7T object on uneven surface probably we need rails.
FLEXIBLE LINE

SWAGELOK CONNECTORS

H. M. ALUMINUM GAS LINES
Motors and belts will be installed from the floor level.

Only 1.5T will be lifted to the H.M. level.
After elevated to the position (H.M. level) need to travel total (in two steps) 15.5” toward concrete structure on two trolleys installed on “traveling” I-Beam.

Question: can be push by hands or we need to install pulley system so can be done from “floor” level.

Q: We have put on “traveling” I-Beam set of two stoppers. With right suspension point probably we do not need move stoppers. If we have to move stoppers it will require person working 14 feet up.

Two Sep Travel:
   First Step – 13.75” to get contact with H.M. door.

   Before we open the door we need to attach retraction line to the lower spool and two 0.25” aluminum tubing with bundle of signal kapton wire to the top spool. This two operations will require manual operation about 14 feet from the floor.

   Second Step – after gas, signal, lines are attached, door need to be open and coffin need travel additional 1.75”. After final 1.75” we can close door (jamming coffin). Bridge will open by gravity.

   One more operation will be required before start retracting H.M. – bridge extension need to be pull out.

   Q: Can we inspect position of all cables, lines, tubing by boroscope?
H. M. COFFIN ALIGNED WITH RAIL
BRIDGE UP POSITION

H. M. I-BEAM RAIL

TOTAL: 2951 lb.
1.5 TON

2490 lb.
H. M. COFFIN ALIGNED WITH RAIL
BRIDGE DOWN POSITION
2951 lb.
1.5 TON

H. M. COFFIN ALIGNED WITH RAIL
BRIDGE DOWN EXTENDED POSITION

H. M. I-BEAM RAIL
BRIDGE EXTENSION

TOTAL: 2951 lb.
2490 lb.
TOTAL: 2951 lb.
1.5 TON

2490 lb.