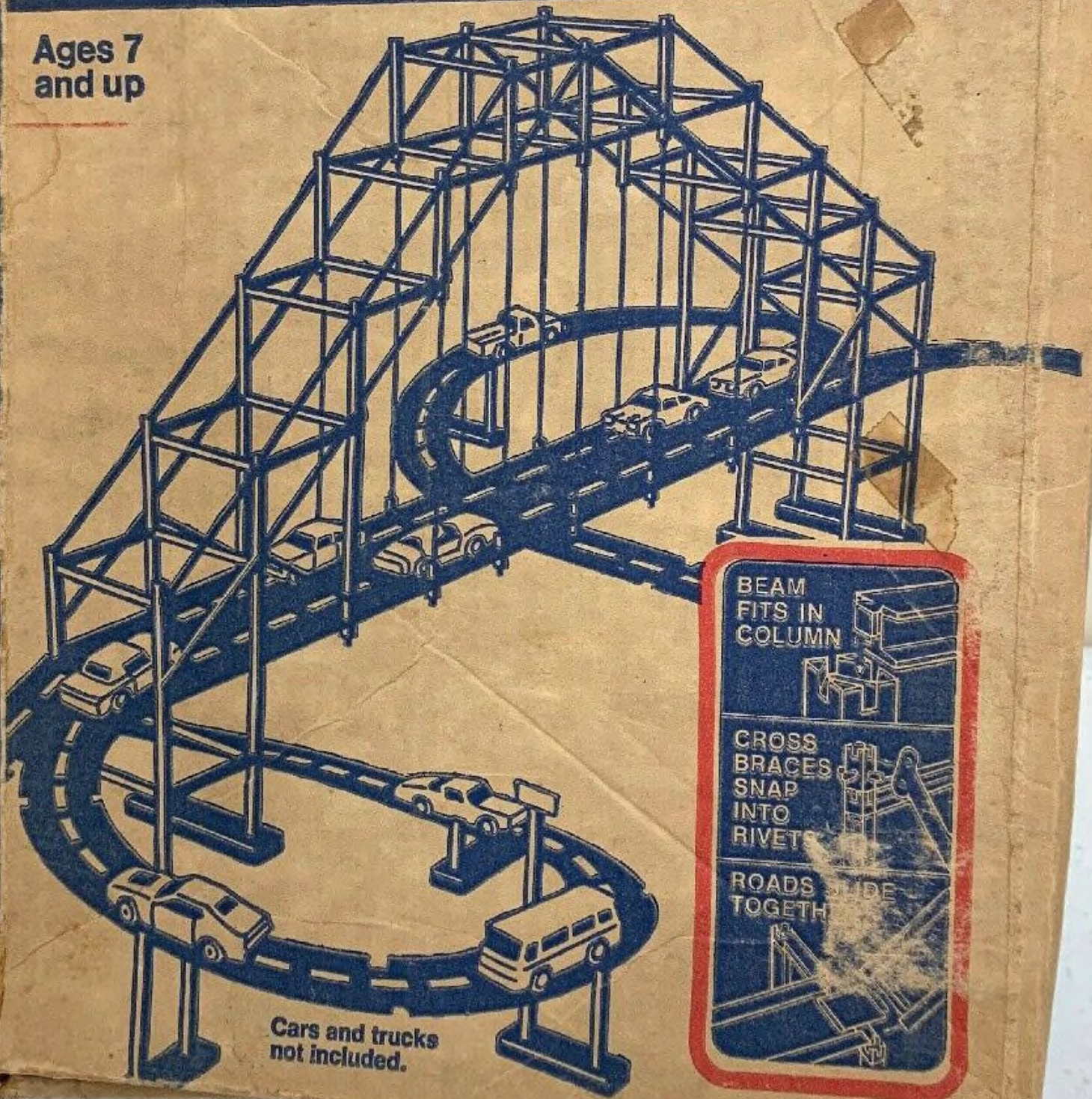




BRIDGE & HIGHWAY BUILDING SET

Set contains OVER 400 PIECES

Ages 7 and up



Cars and trucks not included.

BEAM FITS IN COLUMN



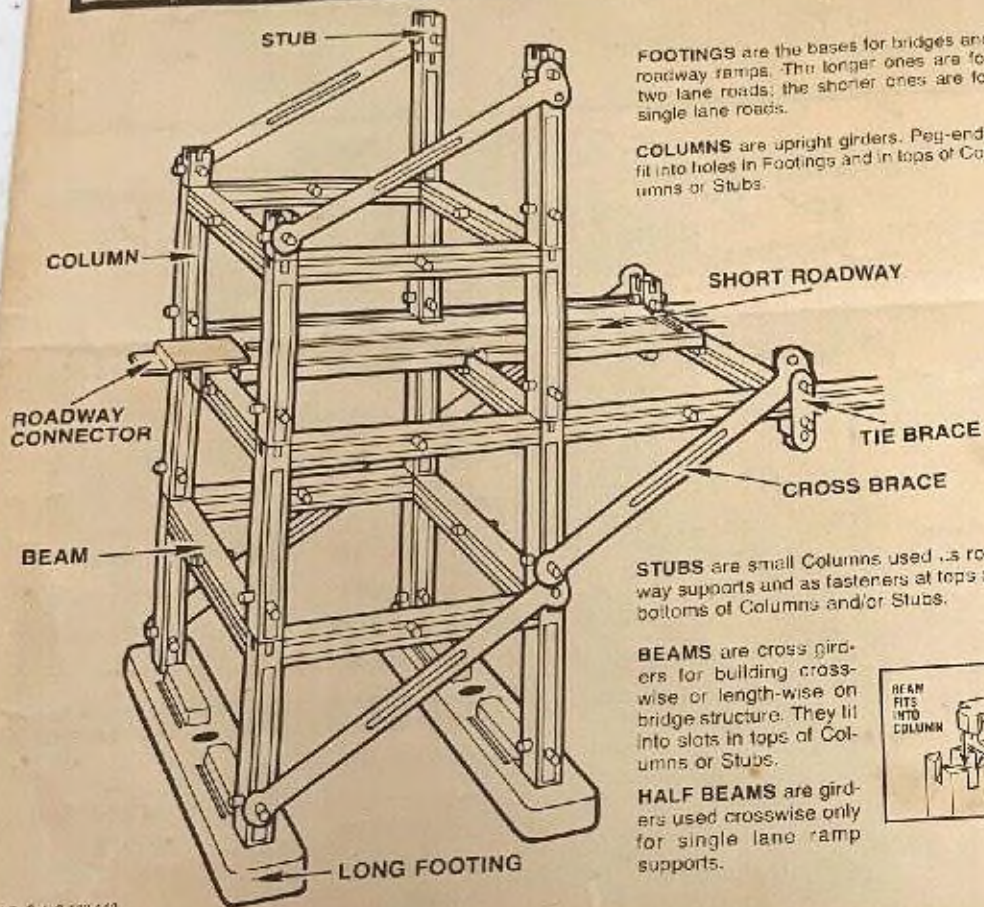
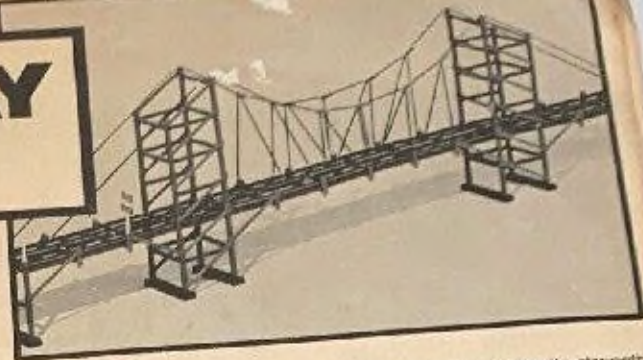
CROSS BRACES SNAP INTO RIVETS



ROADS SLIDE TOGETHER



BRIDGE & HIGHWAY BUILDING SET



FOOTINGS are the bases for bridges and roadway ramps. The longer ones are for two lane roads; the shorter ones are for single lane roads.

COLUMNS are upright girders. Peg-ends fit into holes in Footings and in tops of Columns or Stubs.

STUBS are small Columns used as roadway supports and as fasteners at tops and bottoms of Columns and/or Stubs.

BEAMS are cross girders for building cross-wise or length-wise on bridge structure. They fit into slots in tops of Columns or Stubs.

HALF BEAMS are girders used crosswise only for single lane ramp supports.



CROSS BRACES support the structure and give the bridge its strength. They fit diagonally between Columns and/or Stubs. Snap round end onto rivet of lower Column or Stub; then swing wide end up so one of the holes comes over the rivet. Snap it on.

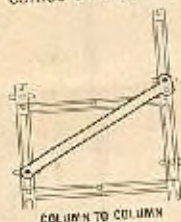
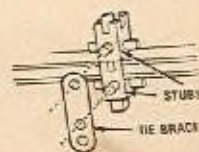


Diagram at left shows Cross Braces between two like parts (Column to Column or Stub to Stub) using the upper hole in the wide section of the Brace.

Shown at right is the use of the Cross Brace between two unlike parts (Column to Stub or Stub to Column) using the lower hole in the wide section.

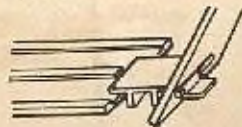


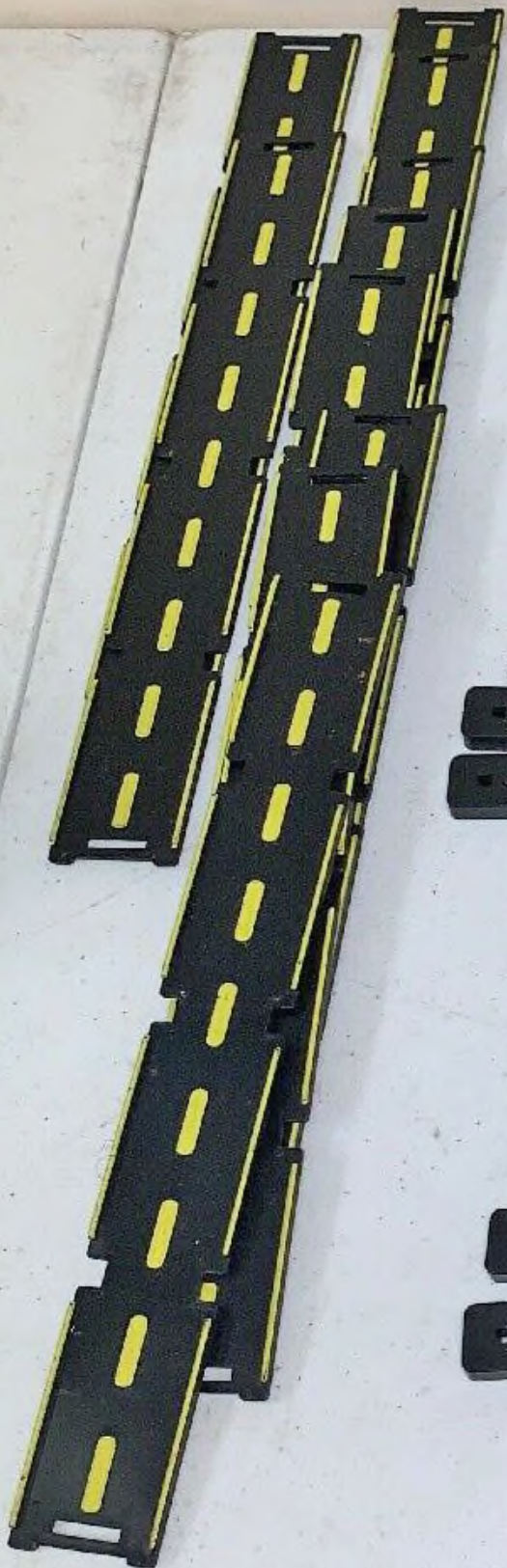
TIE BRACES must be used on bridge span to hold two Stubs or a Column and Stub together. On suspension bridges they are used as suspension ties for cables that hold up the Roadway (see back page).



ROADWAYS rest on Beams. Notches in the sides of Roadways fit around Columns and Stubs. There are three types of Roadways: Long Straight, Short Straight and Curved.

ROADWAY CONNECTORS are used to connect Roadway sections together. The "L" shaped flange on each side of Connector fits into slots at ends of Roadways. The groove on bottom of Connector fits over Beam. Connect Roadways first and slide entire Roadway into bridge. Slots in Connectors fit onto rivets on half beams.







JCT. U.S. 25
1 1/2 MILES

MAIN STREET
NEXT EXIT

RIGHT
TURN
ONLY

SLOW TRAFFIC
KEEP RIGHT

NEXT EXIT
7 MILES

NO PASSING
ON BRIDGE

LOAD LIMIT
10 TONS

GAS • FOOD
NEXT RIGHT

SPEED
55
LIMIT

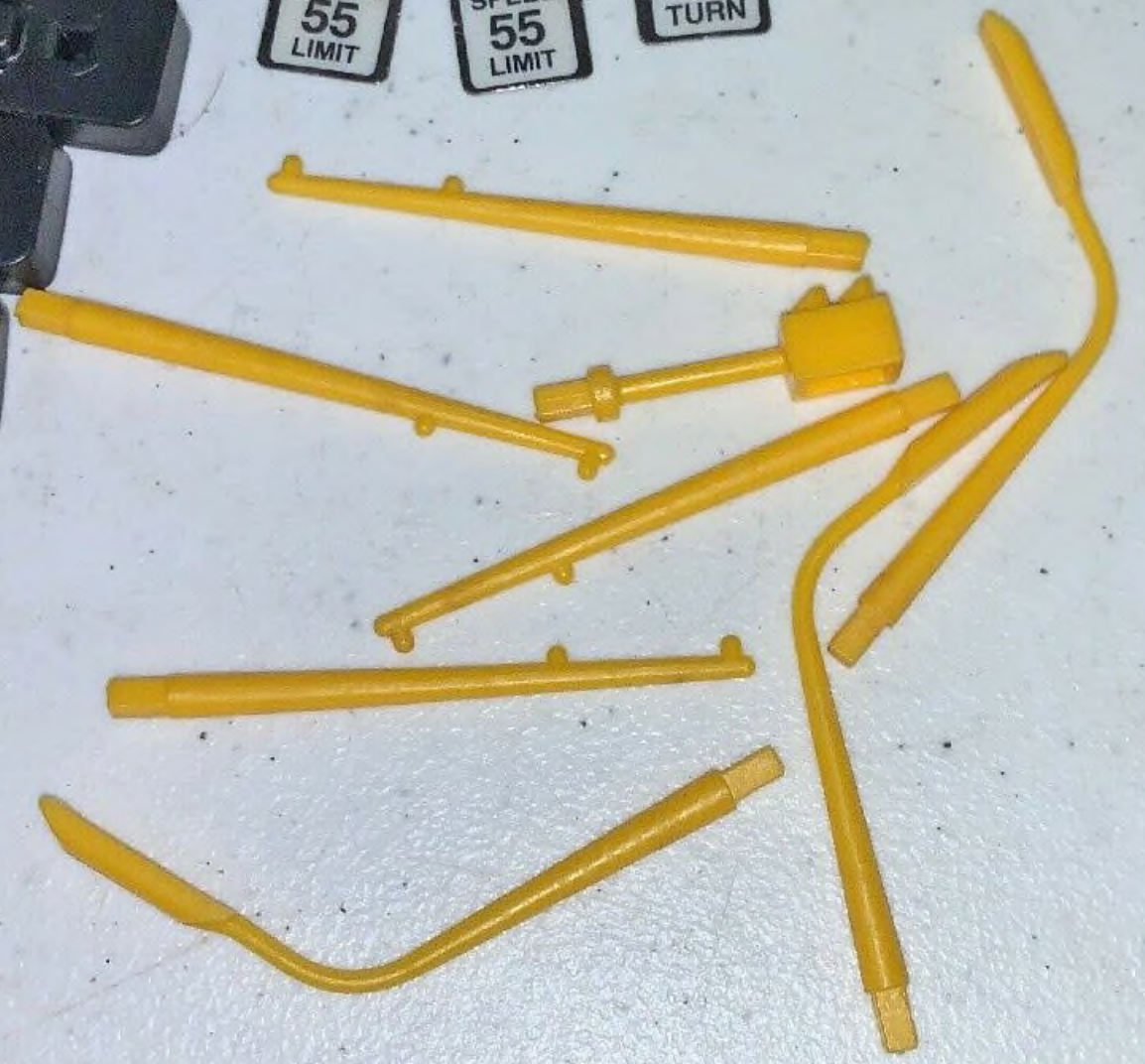
SPEED
55
LIMIT

NO
LEFT
TURN





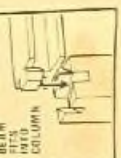
- JCT. U.S. 25
1 1/2 MILES
- MAIN STREET
NEXT EXIT
- RIGHT
TURN
ONLY
- SLOW TRAFFIC
KEEP RIGHT
- NEXT EXIT
7 MILES
- NO PASSING
ON BRIDGE
- LOAD LIMIT
10 TONS
- GAS • FOOD
NEXT RIGHT
- SPEED
55
LIMIT
- SPEED
55
LIMIT
- NO
LEFT
TURN



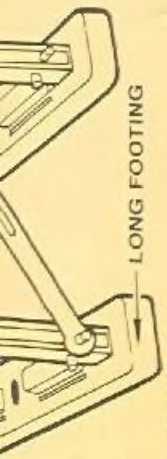
580-035



ROADWAY CONNECTORS are used to connect Roadway sections together. The "L" shaped flange on each side of Connector fits into slots at ends of Roadways. The groove on bottom of Connector fits over Beam. Connect Roadways first and slide entire Roadway into bridge. Slots in Connectors fit onto rivets on half beams.

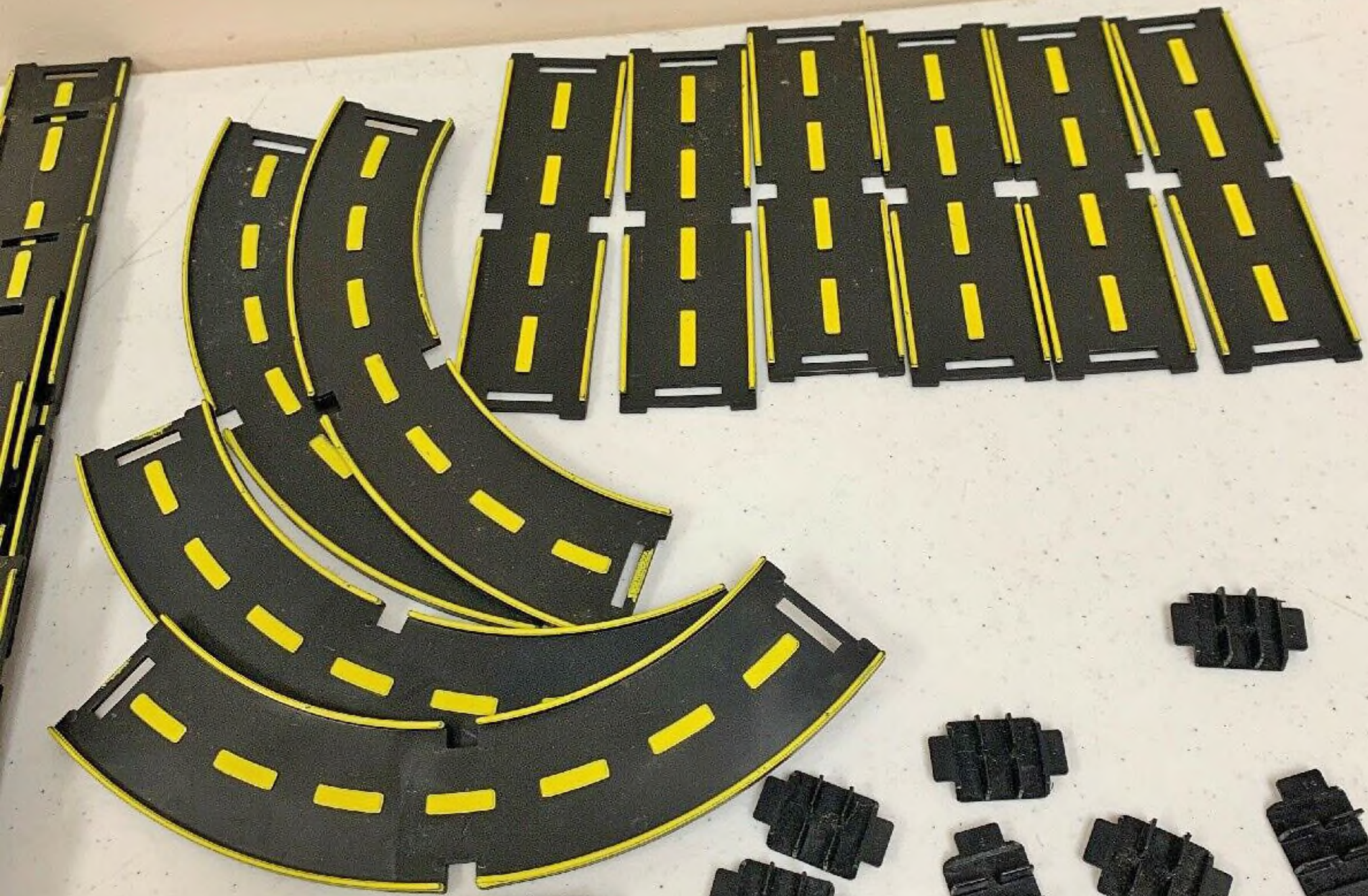


Half beams are used on bridge structure. They fit into slots in tops of Columns or Stubs.
HALF BEAMS are grid-ers used crosswise only for single lane ramp supports.



LONG FOOTING

U.S. Pat. 3,142,443
GENERAL MILLS CAN GROUP INC. 1976
BY DR. OY. REMER PRODUCTS, Cincinnati, Ohio 45202



JCT. U.S. 25
1 1/2 MILES

MAIN STREET
NEXT EXIT

RIGHT
TURN

SLOW TRAFFIC
KEEP RIGHT



