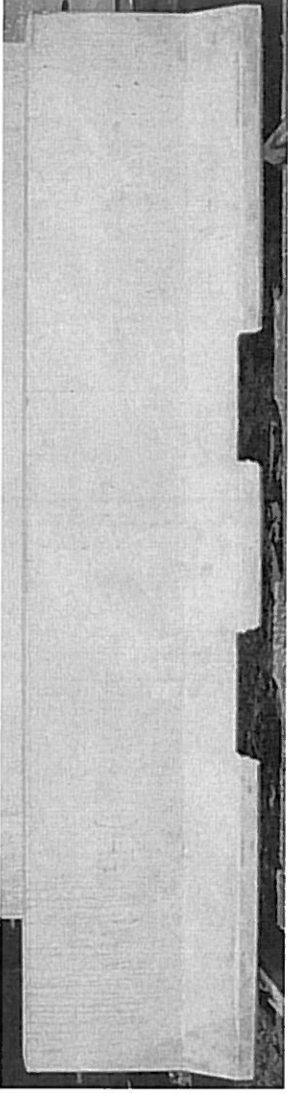


# "F" Shape Barriers



**ILDOT**

**MODOT**

## Standard # 704001-01

**Measure:** 12'-6" long X 32" tall X 22-1/2" wide at the base X 8" wide at top

**Measure:** 12'-6" long X 32" tall X 22-1/2" wide the base X 8" wide at top

**Weight:** 2.63 tons each (5260 pounds)

**Weight:** 2.6 tons each (5200 pounds)

**Connection:** Each barrier is made with three steel loops with 25" Steel pins that connect the barriers together. Anchoring Pins sold separately)

**Connection:** Each barrier is made with three steel loops with steel pin and bolts and nuts that connect the barriers together.

## SPECIAL BARRIERS



**Measure:** 10' long X 4'-3" or 5'-0" tall

**Weight:** from 2.98 tons up to 4.37 tons

This style of barrier has a tongue and groove connection for permanent installation.



Barriers with angled ends are also available. These barriers are great when making storage areas. Angled barriers are available in various lengths and degrees (*must be at least 5'0" long*).

# 30' ILLINOIS BARRIER

<p>DATE: _____          REVISION: _____          REVISION: _____          REVISION: _____</p>	<p>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</p>	<p>SHEET NO. 1 OF 2 SHEETS          DRAWING NO. 101-101-101          CONTRACT NO. 101-101-101</p>
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### GENERAL NOTES

- CONCRETE SHALL BE A MODIFIED CLASS FC PER THE SPECIAL PROVISIONS OF THE SPECIFICATIONS.
- REINFORCING BARS SHALL BE GALVANIZED TO ASTM A641 OR ASTM A653 CLASS 55.
- PLATE WASHER MEETING ASTM A709 SHALL BE USED TO ATTACH THE BARRIER TO THE CONCRETE.
- ALL STEEL FITTINGS AND PARTS SHALL BE GALVANIZED TO ASTM A641 OR ASTM A653 CLASS 55.

FOR MORE DETAILS, REFER TO THE CONTRACT SPECIAL PROVISIONS.

### JOINT CONNECTION (TYPE X)

ASSEMBLED COMPONENTS FOR JOINT TYPE X

UPPER ASSEMBLY (2)  
 LOWER ASSEMBLY (2)

REFER TO SECTION A-A FOR WELD INSTRUCTIONS

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### ASSEMBLY AND COMPONENTS FOR JOINT TYPE X

SECTION A-A

UPPER PIPE  
 LOWER PIPE

PLATE (A) ASTM A709 GRADE 50 OR 50W SAW CUT TO SIZE

ASTM A500 L900" OD/1.6010" ID (SCHEDULE 40) ROUND TUBING OR ASTM A106 GRADE B 1 1/2" SCHEDULE 40 PIPE

### TOP VIEW SHOWING ROUND STEEL WASHER HARDENED TO ASTM F336 GALVANIZED TO ASTM B995 CLASS 55

### PRECAST BARRIER ELEVATION VIEW

SEE SHEET 2 OF DETAIL FOR REINFORCEMENT DETAILS

### TOP VIEW OF SIDE LEAVE OUTS

### END VIEW