

ACAD SCALE: 1"=1'-0"

Technical drawing showing a plan view of a bridge structure, likely a pier or abutment, with dimensions and labels.

Key dimensions and labels include:

- $10\frac{1}{4}"$  (twice)
- $6" \text{ Jt. } @ 60^\circ \text{ F}$
- Normal Line @  $\odot$  Joint and Rdwy. Surface
- Normal to Grade
- Vertical
- $2\frac{1}{2}"$
- Face of Cap Step
- $\odot$  Brg. (twice)
- $1'-8"$
- $1'-0"$
- $363'-0"$  Unit
- $1050'-0"$  Unit
- $\odot$  Bt. & Jt.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.

JOB  
06830

C 10 x 20  
(On 363' Unit Side)

3'-0"

30'

1"

3/4" Finger Plate

3/4" dia. x 14" Studs @ 12" o.c.

7/8" x 8" Studs @ 12" o.c.

MC 18 x 42.7

3/4" dia. x 7" Studs @ 12" o.c.

Cope channel flange 2"  
plus width of Girder flange

The diagram illustrates a cross-section of a window frame assembly. Key dimensions include:

- Overall Width:** 2'-6"
- Top Section Height:** 1'-7"
- Middle Section Height:** 1'0"
- Bottom Section Height:** 1'-7"
- Horizontal Spacing (from left edge):** 7", 5", 6", 1'-0"
- Vertical Spacing (from top edge):** 1/2", 3/8"
- Internal Vertical Spacing:** 6", 9/8"
- Bottom Horizontal Spacing (from center joint):** 7 1/4", 6", 7 1/4"

Components and Labels:

- E:** External surface indicator.
- Slab:** Indicated at the bottom corners.
- Top of Slab:** Label pointing to the upper part of the slab.
- Joint:** Center vertical line indicating a joint.
- Reinforcement:** Labeled as  $\frac{3}{8}" \text{ R}$ ,  $\frac{1}{2}" \text{ R}$ , and  $\frac{3}{4}"$ .
- PL  $\frac{1}{4} \times 7\frac{1}{4} \times 9\frac{1}{4}"$ :** Label for a plate or reinforcement bar.
- Finger Plate:** Labeled as  $\frac{3}{4}"$ .

Scale information at the bottom:

- 363'-0" Unit
- 1050'-0" Unit

Technical drawing of a parapet wall cross-section. The drawing shows a vertical wall with a sloped top section. Dimensions include a total width of 8" at the top, a 2" section, and a 7" section. The wall height is indicated as "varies". The sloped section has a 1/2" R (radius) and a 1'-7" vertical height. The bottom section has a 10" vertical height and a 4" horizontal base. The wall is labeled with "Stop all parapet plates at gutterline" and "Exterior Finger Brace". The drawing also shows a "1/2" PL" (plate) and a "1/2" Gap".

The diagram illustrates a symmetrical composite beam cross-section. At the top, a horizontal dimension of 2" is shown between two vertical centerlines. The upper portion consists of two concrete slabs, each containing aggregate represented by small triangles. The top slab is reinforced with 1/2" diameter x 5" long studs (typical) and has a 1/2" thick reinforcement layer. A 3/8" thick reinforcement layer is also indicated. The lower slab features a 1/4" gap from its bottom edge to the top of the upper slab's reinforcement. Below the concrete slabs are two steel girders. The left girder is labeled "1050-0" R Gir. Unit" and the right girder is labeled "Press. Conc. Gir. Unit". A "Joint" is marked at the center where the two girders meet. The total height of the assembly is divided into three main sections: a top section of 6" (with a 60F. label), a middle section of 1'-11", and a bottom section of 1'-0". The bottom section includes a 1/4" gap and a 3/8" Cap. Reinforcement layer. Other dimensions include 3/8" R, 1/4", 8", and 4".

BRIDGE NO. 06830 DRAWING NO. 42011

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