

SWANTON
IM 089-3(70)
SHEET 29 OF 31
FOR REFERENCE
ONLY

South Abutment.

SPAN No. 1 (44')

North Abutment same as South Abutment except No Test Bars and Prefix 2A1, 2A2 etc.

PIER No. 1

Pier No. 2 Same as Pier No. 1
except No Test Bars and Prefix 2P1, 2P2 etc.

Approach Slab No.1

Approach Slab No.2 Same as
Approach Slab No.1 Except Prefix 2AS1, 2AS2 etc
and no Test Bars.

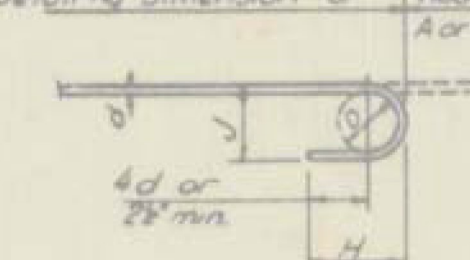
Figure 1: Standard details for reinforcement in concrete. The figure is divided into two main sections: (a) Reinforcement in beams and (b) Reinforcement in columns. Section (a) shows various beam cross-sections and longitudinal views with reinforcement details labeled with letters A through H. Section (b) shows column cross-sections and longitudinal views with reinforcement details labeled with letters A through H. A note at the bottom states: 'Where slope stirrups are used, the slope must be 1 in 4 or steeper.'

NOTES

1. All dimensions are out to out of bar.
2. 'J' dimensions on 180° hooks to be shown only where necessary to restrict hook size otherwise standard hooks are to be used.
3. Where 'O' is not shown, 'J' will be kept equal to or less than 'H'. Where 'J' can exceed 'H', it should be shown.
4. 'H' dimension on stirrups to be shown where necessary to restrict hooks.
5. Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer marking should have limits indicated.
6. Figures in circles show types.
7. No allowance for bend curvature is to be made except for standard hook & radii in excess of some.

[illegible]

Detail no. Dimension 2. No.



STANDARD HOOK DETAIL

BAR SIZES

Equivalent Size	Present (Numbers)
$\frac{1}{4}$ "	#2
$\frac{3}{8}$ "	#3
$\frac{1}{2}$ "	#4
$\frac{5}{8}$ "	#5
$\frac{3}{4}$ "	#6
$\frac{7}{8}$ "	#7
1"	#8
1 1/8"	#9
1 1/4"	#10
1 1/2"	#11

* One bar included for testing

Minimum bends to be as follows:
Stirrups and tie bars shall be bent around a pin having a diameter not less than two times the minimum thickness of the bar. Bands for other bars shall be made around a pin having a diameter not less than six times the minimum thickness except for bars larger than 1 inch, in which case the bands shall be made around a pin of eight bar diameters.

8. Bar reinforcement metal shall conform to the requirements of the Standard Specifications for new Billet-Steel Concrete Reinforcement Bars (Intermediate Grade) Serial/Designation AASHTO M31-48 or its latest revision.
All bars shall be deformed to conform with ASTM Specifications A305-49.

ESTIMATED QUANTITIES

Location	Pounds
SPAN No.1	11.43
SPAN No.2	10.47
SPAN No.3	11.36
South Abutment	7.91
North Abutment	1.90
Pier No.1	7.25
Pier No.2	7.20
Approach Slab No.1	3.52
Approach Slab No.2	3.52
Total	66.56

Stage I Construction

SWANTON - HIGHGATE

Interstate over Rte 78
(N.B.)

Reinforcing Schedule

T89-3(7) Contr. #1

Prepared by: JJC.

Checked by: A.J.C.

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