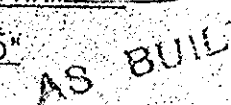


GENERAL NOTES

1. All metal parts of all pipe flanges and gates, including fence flanges and boxed hump flanges shall be new galv. material.
2. Std. sl. pipe shall be of following min. weights before galv.

N. Dia.	Wt/lft.	N. Dia.	Wt/lft.
14"	1.65#	24"	6.75#
16"	2.27#	30"	10.75#
18"	2.99#	36"	16.25#
20"	3.95#		
3. Light weight metal inserts shall be sheet metal tube with I.D. 3/4" greater than O.D. of pipe used. Posts shall be grouted into inserts using neat grout of 1 part of cement and 8 parts of water. Post may be set in saw in lieu of grout if approved by the Engineer.
4. All pipe shall be of heavy wall malleable iron or approved industrial service type, 180 degree swing, of approved quality and design.



GATE POST DATA		
H	POST DIA.	" Q"
8'-11" MAX	4"	16"
9'-0" - 16'-0"	6"	18"
16'-0" - 21'-0"	8"	18"

Note: All gate post shall be std. galv. pipe.

GARDEN GROVE BLVD.
BRIDGE SA-18

OVER
SANTA ANA RIVER

MISCELLANEOUS DETAILS

T-3041(45)

AS NOTED

SR 7(10644)