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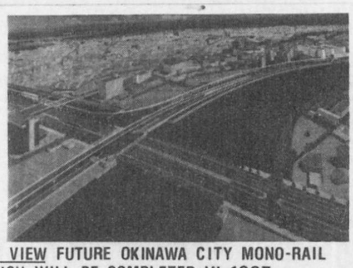
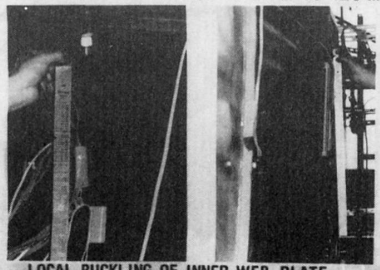
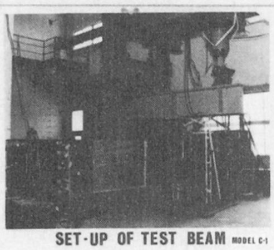
# ULTIMATE STRENGTH OF HIGH DEPTH CURVED GIRDERS



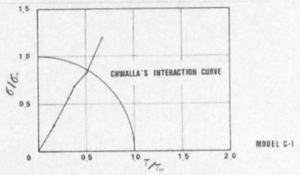
AIR VIEW FUTURE OKINAWA CITY MONO-RAIL WHICH WILL BE COMPLETED IN 1987.
THE PURPOSE OF THIS STUDY IS TO INVESTIGATE THE BEHAVIOR OF THE CURVED GIRDERS TO BE CONSTRUCTED WHERE THE GIRDERS ARE DESIGNED WITH THE RADIUS OF 55 M TO 120 M.



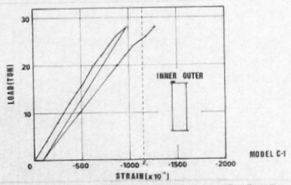
LOCAL BUCKLING OF INNER WEB PLATE & DEFORMATION AT OUTER SIDE MODEL G-1



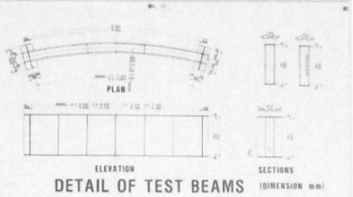
SET-UP OF TEST BEAM MODEL G-1



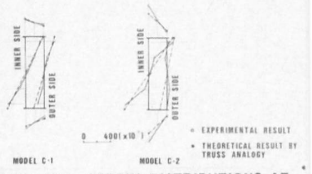

RELATIONSHIP BETWEEN RATIOS $\sigma/\sigma_{cr}$ AND $\tau/\tau_{cr}$



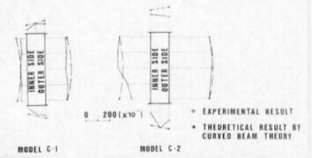

LOAD-LONGITUDINAL STRAIN RELATIONSHIP




DETAIL OF TEST BEAMS (DIMENSION mm)




LONGITUDINAL STRAIN DISTRIBUTIONS AT MIDSPAN (10 TONS MIDSPAN LOADING)




SHEAR STRAIN DISTRIBUTION AT 500 mm FROM SUPPORT (10 TONS MIDSPAN LOADING)

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