Beam-to-Column Connections

FINAL SUMMARY REPORT OF

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by

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ABSTRACT

This report summarizes the work done by Joseph S. Huang on research projects during the period September 1, 1966 to August 31, 1973. All materials have been organized in file folders and binders that were properly labeled. Guidelines for others as to where to look for the information are given herein.
1. LOCATION OF INFORMATION

1.1 Proj. 333: Beam-to-Column Connections

Test data for C-series connections are stored in three-ring folders and labeled by the number of specimen such as C1, C2, C3, C4, C5, C10, C11, and C12. Each folder contains data, instrumentation, computations and strain gage readings. The materials are listed in the Table of Contents included in each folder.

Design computations, work orders, photographs and slides are also stored in three-ring folders.

The materials filed with Glenn P. Rentschler are test data (C1, C2, C3, C4, C5, C10, C11 and C12), design computations and work orders.

Photographs, slides, and drawings are filed with Dr. W. F. Chen.

Remaining test specimens are C6, C7, C8 and C9. These are bolted moment plate connections and are stored on the main floor. Spare materials such as wide-flange sections are located in north bay, marked with the project number 333.

1.2 Proj. 327: Welded Plate Girders--Design Recommendations

This project was completed in 1969. All materials had been filed with Dr. B. T. Yen.
2. **LIST OF PUBLICATIONS AND REPORTS**

Publications:


**Fritz Engineering Laboratory Reports:**


5. 333.7 Huang, J. S., Fielding, D. J., Chen, W. F. and Project Staff FUTURE CONNECTION RESEARCH PROBLEMS, July 1972. (Revised)
6. 333.12 Huang, J. S. and Chen, W. F. 
PROPOSAL FOR TESTS OF MOMENT-RESISTANT BEAM-TO-COLUMN 
CONNECTIONS, March 1971.

7. 333.15 Huang, J. S., Chen, W. F. and Regec, J. E. 
TEST PROGRAM OF STEEL BEAM-TO-COLUMN CONNECTIONS, July 1971.

8. 333.17 Regec, J. E., Huang, J. S. and Chen, W. F. 
MECHANICAL PROPERTIES OF C-SERIES CONNECTIONS, March 1972.

9. 333.20 Huang, J. S., Chen, W. F. and Beedle, L. S. 
BEHAVIOR AND DESIGN OF STEEL BEAM-TO-COLUMN MOMENT CONNECTIONS, 

10. 333.20A Huang, J. S. and Chen, W. F. 
HIGHLIGHTS OF TESTS OF STEEL BEAM-TO-COLUMN CONNECTIONS, 
August 1972.

11. 333.20D Huang, J. S. 
ANALYSIS AND DESIGN OF STEEL BEAM-TO-COLUMN MOMENT CONNECTIONS, 

12. 333.21 Regec, J. E., Huang, J. S. and Chen, W. F. 
TEST OF A FULLY-WELDED BEAM-TO-COLUMN CONNECTION, September 
1972.

3. FURTHER WORK

Tests to be completed in C-series are specimens C6, C7, C8 
and C9. Further research work on Proj. 333 is presented in Report 
333.7, entitled "Future Connection Research Problems".

4. FUTURE EMPLOYMENT

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