

MS 41 CALTRAIN CONSULTANT COLLECTION

1980s. 12 boxes

The collection represents the files of William W. Kratville of Passenger Transportation Consultants, which contracted in the early 1980s with the California Department of Transportation to review the development and design of new bi-level passenger cars for use on the San Francisco-San Jose Caltrain commuter line. The designs were produced by Sumitomo Corporation of America and Nippon Sharyo under contract with the State of California. The collection consists of photocopies of correspondence among Passenger Transportation Consultants, the Department of Transportation and Sumitomo Corporation; minutes of meetings; and reports by Passenger Transportation Consultants, Sumitomo Corporation, other consultants and suppliers of parts and equipment. Also included are blue-line reproductions of drawings and schematics of the equipment. The collection contains some information on motive power and then existing Southern Pacific bi-level commuter coaches as well.

PROVENANCE Gift of William W. Kratville (387-1043), 1989

BOX LIST

Box 1

Car Acceptance Test Data

Running Tests

Progress Charts

Proposed Car Test Plan

Service Dates

Field Trip Inspection, Task "O"

Forms (2 folders)

Blank Response Forms

Passenger Transportation Consultants Time Sheets

Maintenance Program Form

Employee Travel Guide

Locomotive Data

Electro-Motive-Division Locomotive Data Revision

Travel Expense Forms

Federal Railroad Administration Stress Reports

Building Security

Nippon Sharyo Question Lists

Nippon Sharyo Miscellaneous Drawings

Nippon Sharyo Miscellaneous Sketches

San Francisco Pier 50 Assembly Plan

Meeting with Sumitomo Corporation of America

Sumitomo / California Department of Transportation Specification Sheets

Maintenance Facilities

American Price Information on Railroad Cars

480 Volt Stand-by Power

Review, MUNI-Peninsula Rail

Southern Pacific Commute Car Maintenance Format

Wheel and Axle Shop Approval

Westinghouse Air Brake / California Department of Transportation Test Equipment

Defects List

Warranties

Car Damage

Passenger Transportation Consultants Work Tasks

Graffiti Work

Data on New Commute Cars

Modifications to Cars

Monthly Progress Reports

Miscellaneous Test Results

Inter-office Memoranda

Inter-office Correspondence

Office Equipment and Supplies

Photographs

CNE 1-10 - Drawings - Gallery Passenger Cars

CNE 11-25 - Drawings - Gallery Passenger Cars

CNE 26-35 - Drawings - Gallery Passenger Cars

CNE 36-49 - Drawings - Gallery Passenger Cars

Box 2

CNE 50-60 - Drawings - Gallery Passenger Cars

CNE 61-71 - Drawings - Gallery Passenger Cars

CNE 72-82 - Drawings - Gallery Passenger Cars

CNE 83-106 - Drawings - Gallery Passenger Cars

CNE 107-122 - Drawings - Gallery Passenger Cars

CNE 123-149 - Drawings - Gallery Passenger Cars

CNE 150-166 - Drawings - Gallery Passenger Cars

CALIFORNIA STATE RAILROAD MUSEUM MANUSCRIPT COLLECTIONS

CNE 167-181- Drawings - Gallery Passenger Cars
Nippon Sharyo Miscellaneous
Approvals of Parts
Change Orders
Resident Engineer's Report
Clearances
Manuals
Training Program
Inspection of New Cars
Information on Pier 50, San Francisco
Trucks
Caltrans Trackage
Box 3
Brake Data
Magnetic Speeds Sensing System
Griffin Wheels
Communication Problems
Door Controls
Car Wire Train Line
Car Wiring
Lights
Safety Appliance Markings
Color Schemes
Car Lettering
Test Striping
Car Carpeting
Toilets
Water
Walls
Stresses
Carbody Design
Steps
Coach Seats
Spare Parts
Cab Cars
Whistles
Minutes from Technical Meetings
CND 001 - Drawings
CND 002 - Drawings of Electrical Work
CND 003 - Carbody Drawings
CND 004 - Drawings of Equipment Arrangement
CND 005 - Carbody Drawings
CND 006 - Drawing of Equipment Arrangement
CND 007 - Carbody Drawings
CND 008 - Drawings of Equipment Arrangement
CND 009 - Drawings of Equipment Arrangement
Box 4
CND 010 - Vapor Car Heating Drawings
CND 011 - Drawings of Battery and Battery Charger
CND 012 - Drawings of Master Controller
CND 013 - Drawings of Equipment Arrangement
CND 014 - Drawings of Equipment Arrangement
CND 015 - Carbody Drawings
CND 016 - Drawings of Equipment Arrangement
CND 017 - Drawings of Equipment Arrangement
CND 018 - Drawings of Equipment Arrangement
CND 019 - Drawings of Electrical Equipment
CND 020 - Carbody Drawings
CND 021 - Caltrans Gallery Type Passenger Car
CND 022 - Drawings of Public Address System and Intercom
CND 023 - Drawings of Trucks
CND 024 - Drawings of Jumper Cables
CND 025 - Drawings of Electrical Equipment
CND 026 - Drawings of Electric Couplers
CND 027 - Drawings of Equipment Arrangement
CND 028 - Drawings of Equipment Arrangement
CND 029 - Drawings of Public Address System and Intercom
CND 030 - Drawings of Electrical Equipment
CND 031 - Dry Type Distribution Transformers
CND 032 - Drawings of Light Fixtures
CND 033 - Drawings of Equipment Arrangement

CALIFORNIA STATE RAILROAD MUSEUM MANUSCRIPT COLLECTIONS

Box 5

CND 035 - Drawings of Equipment Arrangement
CND 036 - Drawings of Trucks
CND 037 - Carbody Drawings
CND 038 - Central Panel Wiring Diagram
CND 039 - Drawings of Jumper Cables
CND 085 - Drawings of Speed Indicator
CND 086 - Drawings of Water Cooler Bottle
CND 087 - Drawings of Portable Rear Warning Light Receptacle
CND 088 - Carbody Drawings
CND 089 - Drawings of Door Control and Environmental Control
CND 090 - Drawings of Air Conditioner
CND 091 - Carbody Drawings
CND 092 - Drawings of Decelostat () Controller
CND 093 - Carbody Drawings
CND 094 - Drawings of Controller
CND 095 - Drawings of Interior Lights
CND 096 - Drawings of Jumper and Receptacle
CND 097 - Carbody Drawings
CND 098 - Drawings of Trucks
CND 099 - Carbody Drawings
CND 0100 - Drawings of Indicator Panel
CND 0101 - Carbody Drawings
CND 0102 - Drawings of Equipment Arrangement
CND 0103 - Drawings of Equipment Arrangement
CND 0104 - Drawings of Equipment Arrangement
CND 0105 - Carbody Drawings
Information on Gallery Type Passenger Cars (2 folders)
Information on Car 0300
Information on Car 0430

Box 6

CND 034 - Carbody Drawings
CND 035 - Carbody Drawings
CND 041 - Drawings of Equipment Arrangement
CND 042 - Carbody Drawings
CND 043 - Carbody Drawings
CND 044 - Carbody Drawings
CND 045 - Drawings of Equipment Arrangement
CND 046 - Drawings of Electrical Equipment
CND 047 - Drawings of CB Panels and Junction Boxes
CND 048 - Drawings of Equipment Arrangement
CND 049 - Drawings of Equipment Arrangement
CND 050 - Drawings of Trucks
CND 051 - Drawings of Electrical Equipment
CND 052 - Carbody Drawings
CND 053 - Carbody Drawings
CND 054 - Drawings of Floor eater
CND 055 - Carbody Drawings
CND 056 - Drawings of Equipment Arrangement
CND 057 - Carbody Drawings
CND 058 - Drawings of Equipment Arrangement

Box 7

CND 059 - Drawings of Electrical Equipment
CND 060 - Carbody Drawings
CND 061 - Drawings of Equipment Arrangement
CND 062 - Drawings of Equipment Arrangement
CND 063 - Drawings of Equipment Arrangement
CND 064 - Drawings of Equipment Arrangement
CND 065 - Carbody Drawings
CND 066 - Drawings of Door Control Equipment
CND 067 - Drawings of Trucks
CND 068 - Drawings of Equipment Arrangement
CND 069 - Drawings of Interior Lighting
CND 070 - Drawings of Equipment Arrangement
CND 071 - Drawings of Equipment Arrangement
CND 072 - Drawings of Equipment Arrangement
CND 073 - Carbody Drawings
CND 074 - Truck Drawings
CND 075 - Drawings of Equipment Arrangement
CND 076 - Drawings of Equipment Arrangement
CND 077 - Drawings of Equipment Arrangement

CALIFORNIA STATE RAILROAD MUSEUM MANUSCRIPT COLLECTIONS

CND 078 - Response to Contractor's Question
CND 079 - Carbody's Drawings
CND 080 - Drawings of Public Address System and Intercom
CND 081 - Truck Drawings
CND 082 - Carbody Drawings
CND 083 - Drawings of Electric Coupler
CND 084 - Schematic Diagrams
Miscellaneous Correspondence
Box 8
CND 106 - Carbody Drawings
CND 107 - Drawings of Equipment Arrangement
CND 108 - Carbody Drawings
CND 109 - Gallery Type Passenger Car Contract No. 65-945
CND 110 - Drawings of Equipment Arrangement
CND 111 - Drawings of Exterior Fittings
CND 112 - Carbody Drawings
CND 113 - Carbody Drawings
CND 114 - Drawings of Vapor Car eating Equipment
CND 115 - Carbody Drawings
CND 116 - Drawings of Electrical Equipment
CND 117 - Carbody Drawings
CND 118 - Carbody Drawings
CND 119 - Panel Drawings
CND 120 - Drawings of Rear View Mirror
CND 121 - Disapproval Drawing BO631C18315
CND 122 - Carbody Drawings
CND 123 - Truck Drawings
CND 124 - Lighting Drawings
CND 125 - Schematic Diagrams
CND 126 - Carbody Drawings
CND 127 - Drawings Showing Magnetic Pickup
CND 128 - Carbody Drawings
CND 129 - Drawings of Circuit Breaker Panel
CND 130 - Drawings of Electrical Equipment
CND 131 - Drawings of Junction Box
CND 132 - Carbody Drawings
CND 133 - Carbody Drawings
CND 134 - Drawings of Equipment
CND 135 - Truck Drawings
CND 136 - Carbody Drawings
CND 137 - Carbody Drawings
CND 138 - Drawings of Water Cooler
CND 139 - Drawings of Cab eater
CND 140 - Drawings of Communications Equipment
CND 141 - Carbody Drawings
CND 142 - Drawings of Relay Panel
CND 143 - Carbody Drawings
CND 150 - Drawings of Electrical Equipment
CND 151 - Drawings of Electrical Equipment
CND 152 - Drawings of Jumper and Receptacle
CND 153 - Drawings of Electrical Equipment
CND 154 - Carbody Drawings
CND 155 - Drawings of Air Conditioner Unit Control Panel
CND 156 - Drawings of Electrical Equipment
CND 157 - Drawings of Equipment Arrangement
CND 158 - Drawings of Equipment Arrangement
CND 159 - Truck Drawings
CND 160 - Drawings of the General Arrangement, Coupler Assembly and Trainline Connections
CND 161 - Drawings of Equipment Arrangement
CND 162 - Carbody Drawings
CND 163 - Drawings of Decelostat Controller
CND 164 - Drawings of Locomotive Fault Alarm Bell
CND 165 - Carbody Drawings
CND 166 - Drawings of Equipment Arrangement
CND 167 - Drawings of Terminal Boards
CND 168 - Drawings of Equipment Arrangement
CND 169 - Carbody Drawings
Box 9
CND 170 - Truck Drawing
CND 172 - Drawing of Convenience Outlet
CND 173 - Drawing of Rear Warning Light

CALIFORNIA STATE RAILROAD MUSEUM MANUSCRIPT COLLECTIONS

CND 174 - Truck Drawings
CND 175 - Carbody Drawings
CND 176 - Carbody Drawings
CND 177 - Drawings of Circuit Breaker Panels
CND 179 - Drawings of Equipment Arrangement
CND 180 - Drawings of Equipment Arrangement
CND 181 - Truck Drawings
CND 182 - Carbody Drawings
CND 183 - Drawings of Electrical Equipment
CND 184 - Drawings of Electrical Equipment
CND 185 - Drawings of Battery Charger
CND 186 - Carbody Drawings
CND 187 - Drawings of Electrical Equipment
CND 192 - Drawings of Locomotive and Car Control Jumpers
CND 193 - Drawing of Take One Box
CND 194 - Drawing of Take One Box
CND 195 - Drawings of Reservoir for Additional Ten Trailer Cars
Southern Pacific / Caltrans Personnel Permits
Insurance
Buy American Status
Locomotives
Contracts
Technical Kick-off Meeting
Fabricated Steel Trucks Proposal
Railroad Track Switch eaters
Suppliers List
Car Seat Information
Engineering Proposal EP246A for Powered Air Conditioning
Correspondence
Miscellaneous Drawings
Box 10
Correspondence
Car Specifications (2 folders)
Miscellaneous Drawings
Cab eater Drawings
Carbody Drawings (2 folders)
Drawings of Equipment Arrangement (2 folders)
Drawings of Exterior Fittings
Drawings of Interior Fittings
Drawings of Junction Box
Drawings of Lighting Fixtures
Drawings of Roof Panel
Schematic Diagrams
Truck Drawings
Employee Travel Guide
Escalation Clause
Evaluations
Labor and Material Costs
Locomotive Performance Calculations
Supplier Information
Report on Car Systems
Clippings
General Information on Passenger Equipment
Photographs
Procedural and Legal Requirements and Special Provisions for Bidders
Progress Reports
Rail Passenger Service Improvement Program
Bi-Level Car Rehabilitation Program (2 folders)
Locomotive Technical Data
Box 11
Agreement to Provide Passenger Rail Service (3 folders)
Bill of Materials for Passenger Car
Brake Performance
Car Acceptance Test Plan for Gallery Type Passenger Car
Carbody Description
Construction Progress Reports (3 folders)
Draft Five ear Plan
Gallery Passenger Car Data (3 folders)
Notes
Car Inspection Memoranda
Materials Test Report

CALIFORNIA STATE RAILROAD MUSEUM MANUSCRIPT COLLECTIONS

Materials Test Report for Series Cars
Resident Engineer's Daily Reports (3 folders)
Specifications (2 folders)
Technical Specifications
Test Reports
Data on Cab Locomotive No. 4000
Production Schedules (2 folders)
Production Schedules / Resident Engineer's Daily Reports
Program Narrative for Capital Grant Projects
Box 12
Photocopies of California Department of Transportation Correspondence, 1983-1985 (7 folders)
Sumitomo Corporation of America Correspondence, 1984
Passenger Transportation Specialists Correspondence, 1983-1984 (3 folders)
Passenger Transportation Specialists Responses to Sumitomo document, 1983-1984 (5 folders)
Passenger Transportation Specialists, Interoffice Memoranda, 1983-1984

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