Modeling the Pacific Coast Railway's San Luis Obispo Facilities
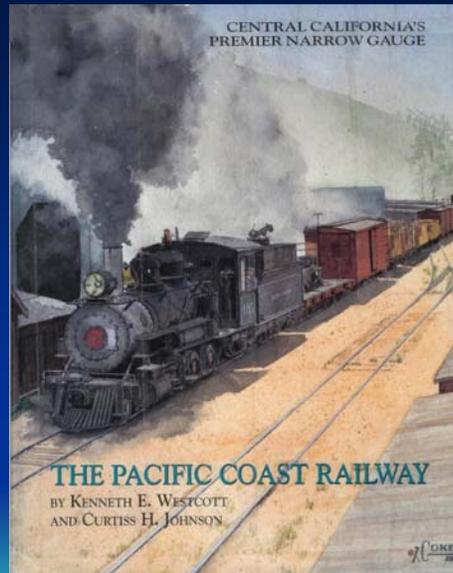
By Tom Knapp, MMR#101

Modeling The Pacific Coast Railway's
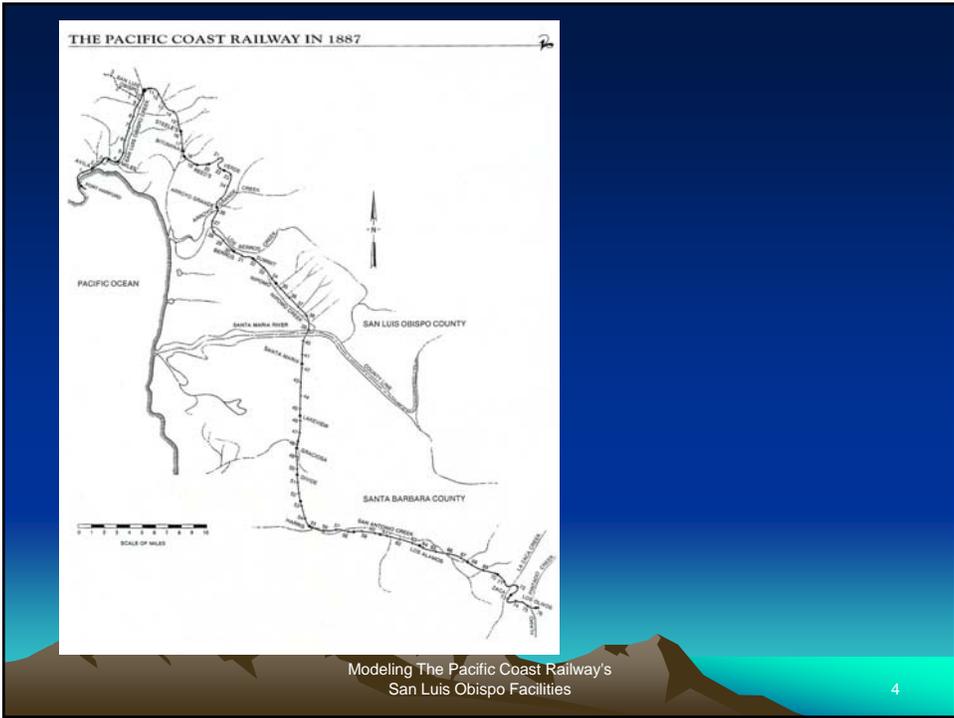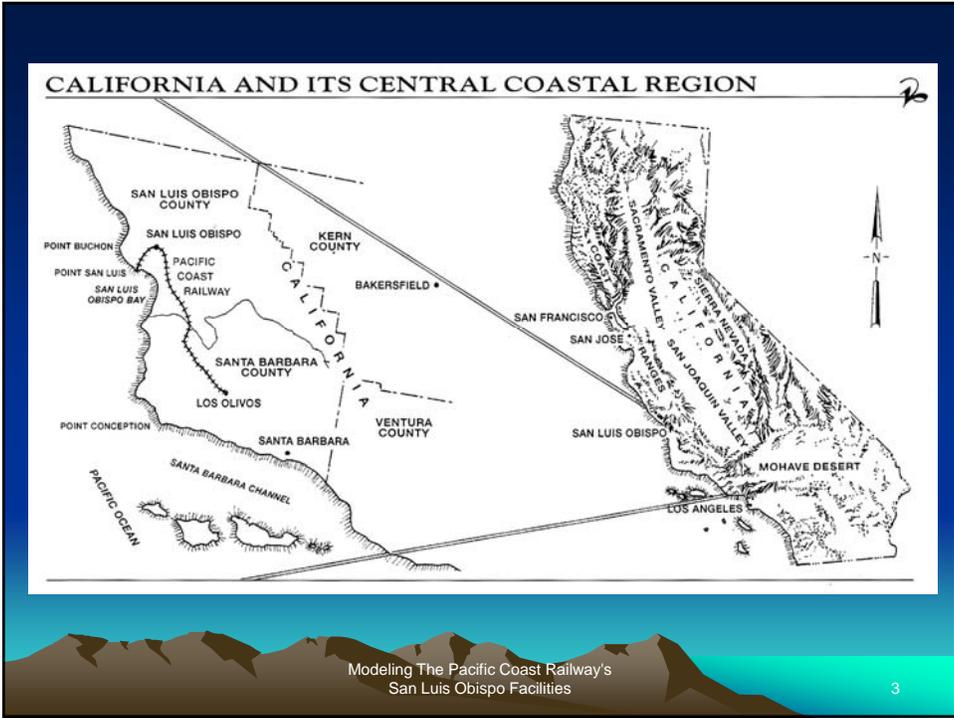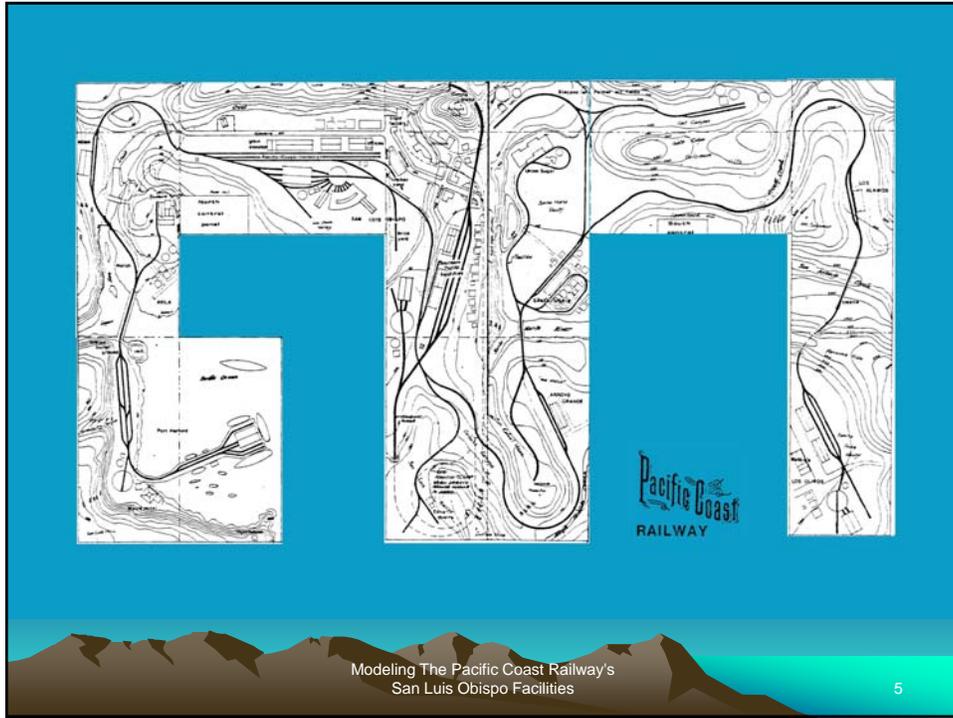San Luis Obispo Facilities

1

Acknowledgement

The historical material and the survey maps presented in this clinic are courtesy of and with permission of Curt Johnson, author of "The Pacific Coast Railway – Central California's Premier Narrow Gauge" (Benchmark Publications)
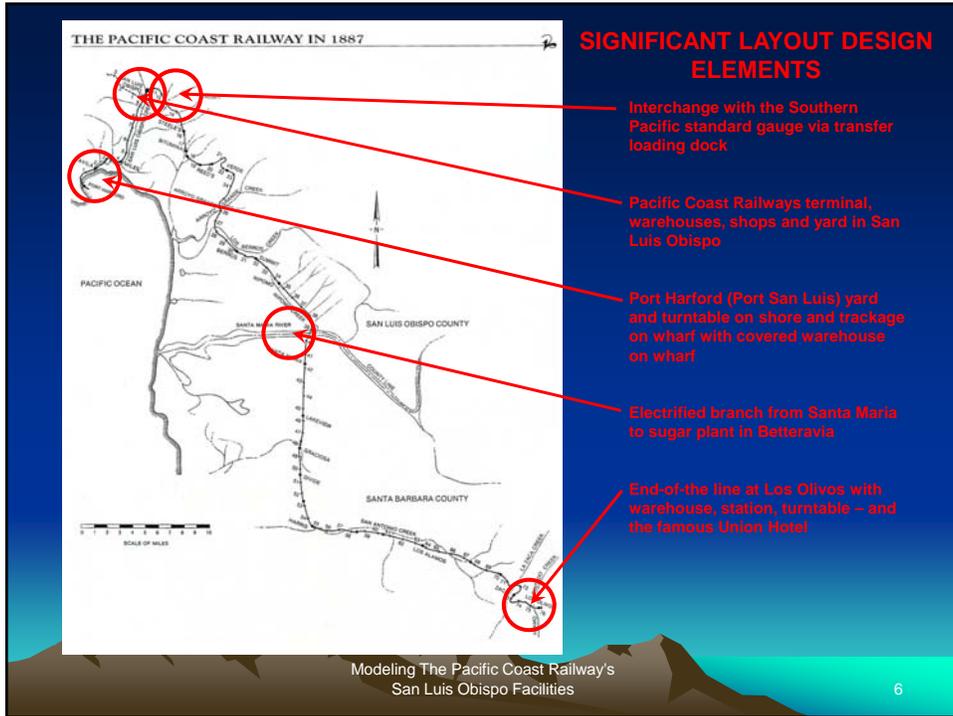
CENTRAL CALIFORNIA'S
PREMIER NARROW GAUGE

THE PACIFIC COAST RAILWAY

BY KENNETH E. WESTCOTT
AND CURTISS H. JOHNSON

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

2

CALIFORNIA AND ITS CENTRAL COASTAL REGION

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

3

THE PACIFIC COAST RAILWAY IN 1887

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

4

1/22/2013
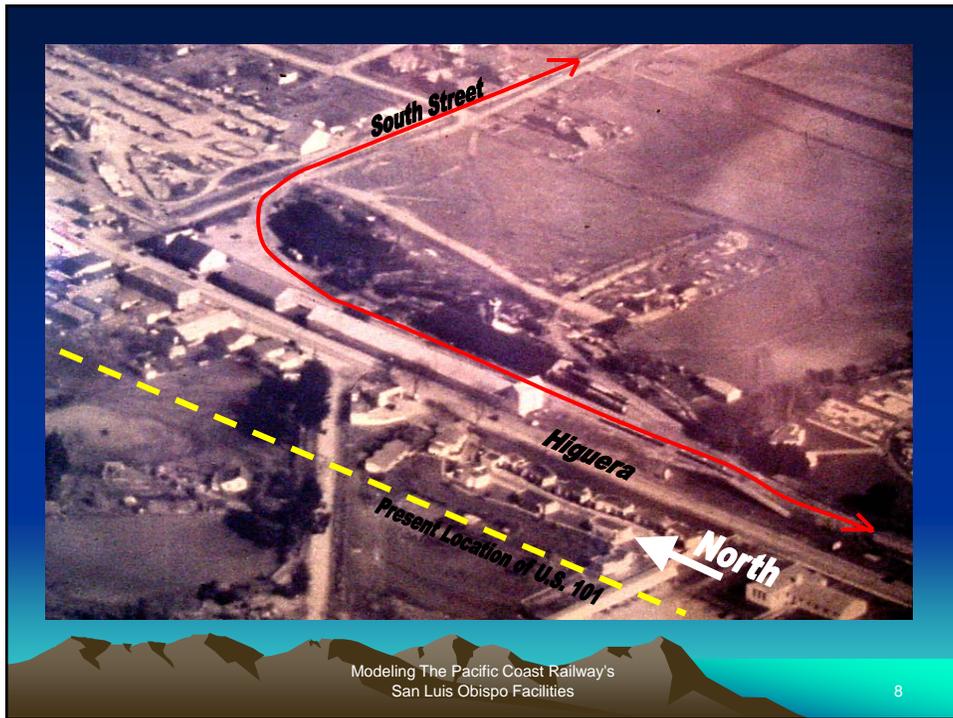

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

5

SIGNIFICANT LAYOUT DESIGN ELEMENTS

Interchange with the Southern Pacific standard gauge via transfer loading dock

Pacific Coast Railways terminal, warehouses, shops and yard in San Luis Obispo

Port Harford (Port San Luis) yard and turntable on shore and trackage on wharf with covered warehouse on wharf

Electrified branch from Santa Maria to sugar plant in Betteravia

End-of-the line at Los Olivos with warehouse, station, turntable – and the famous Union Hotel

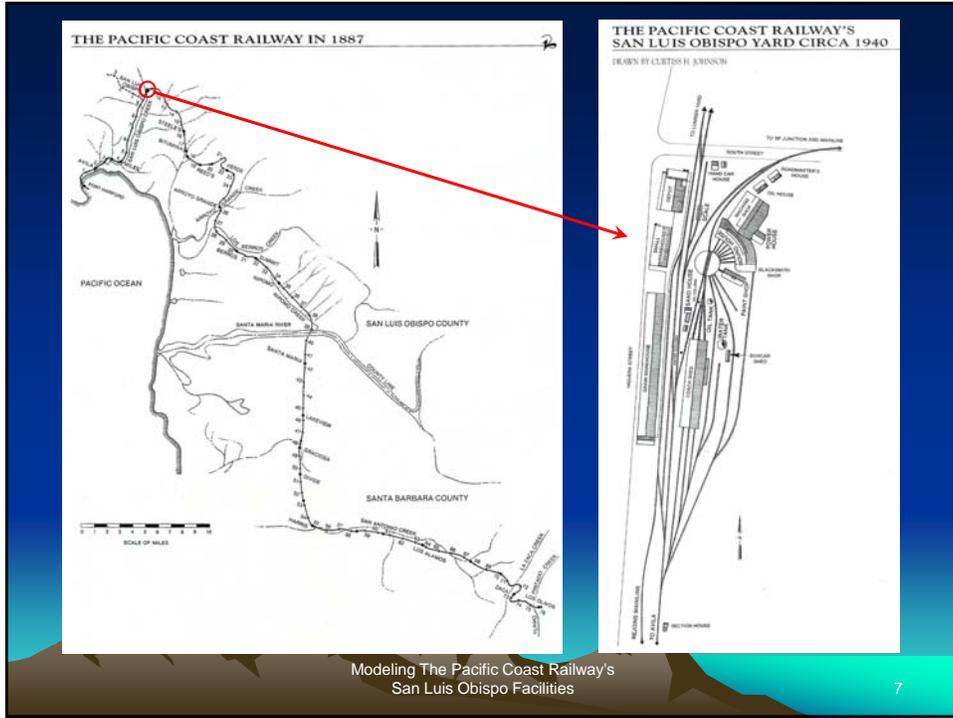Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

6

3

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

7

Modeling The Pacific Coast Railway's
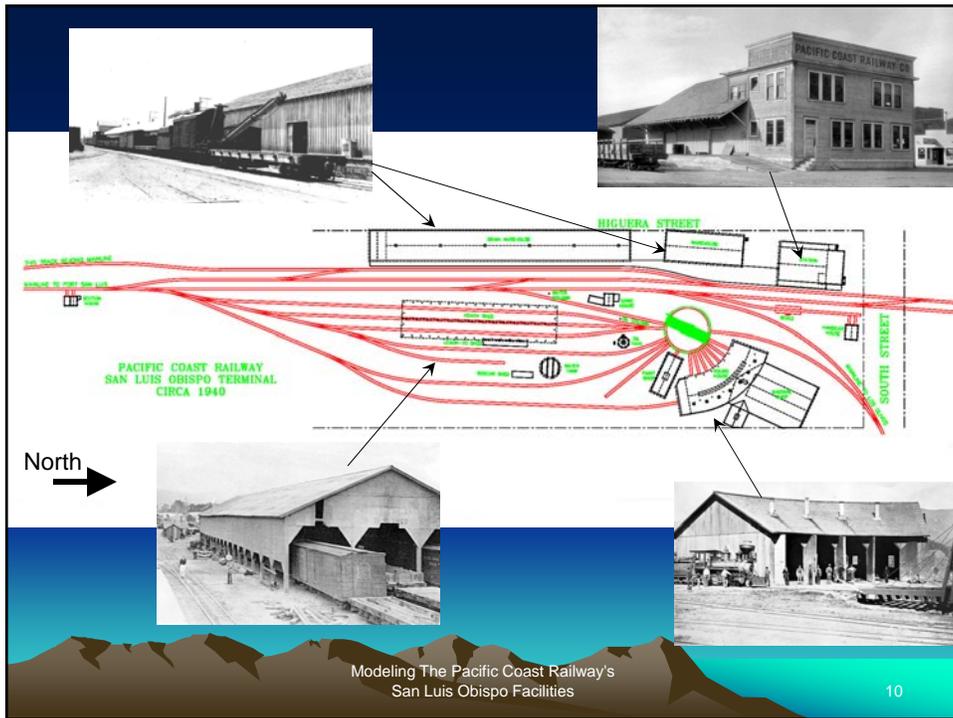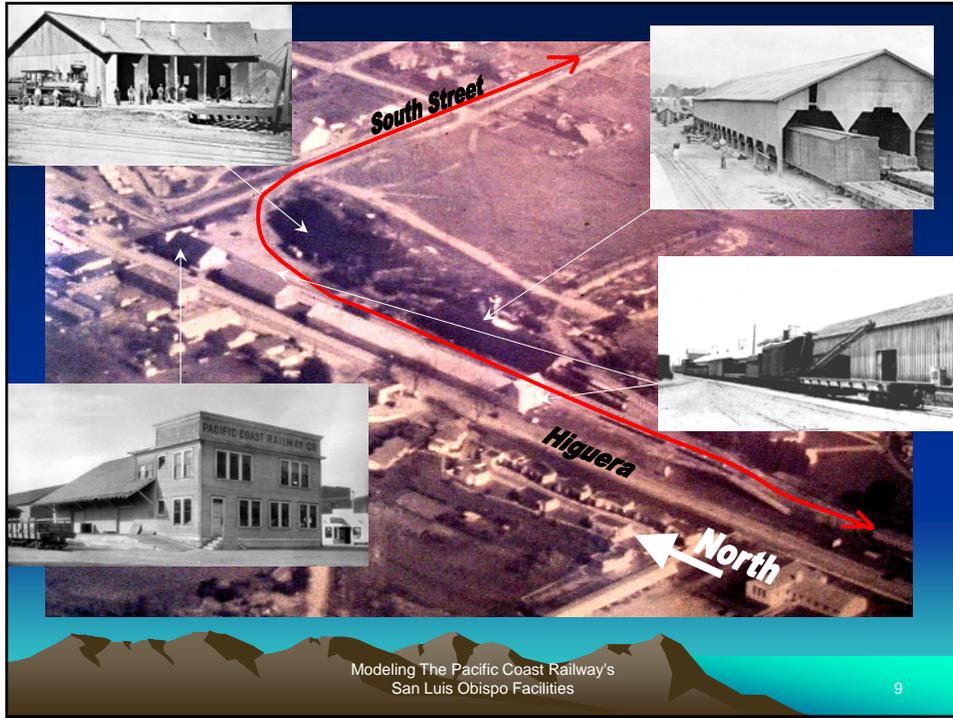San Luis Obispo Facilities

8

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

9

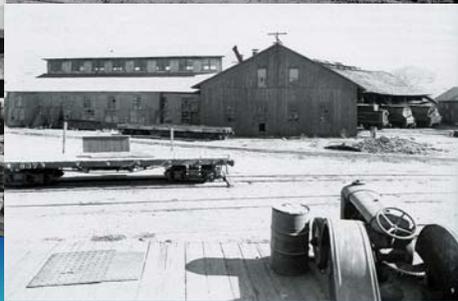Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

10

Depot
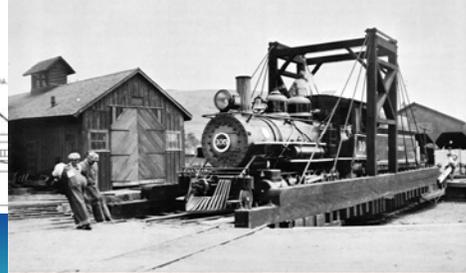

Original

With two story addition added in 1920's

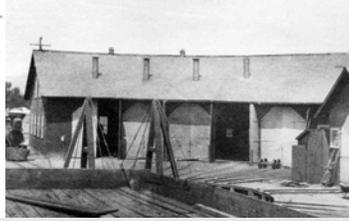Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

11

Roundhouse, Shop & Turntable

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities
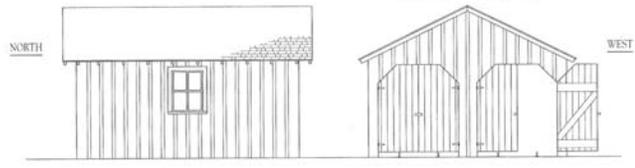
12

Turntable

Paint Shop

Car Barn

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

15

Hand Car House

THE HAND CAR HOUSE

DRAWN BY CURTISS H. JOHNSON
DIMENSIONS ESTIMATED FROM PHOTOS
SCALE: 3.5 MM = 1 FOOT (HO SCALE)

This two-stall hand car house was located at the north
end of the yard on South Street. The structure was
covered with board-and-batten siding. The roof was
covered with wood shingles. Only the north and west
elevations are shown; the south and east elevations
were similar but had no openings.

NORTH   WEST

Modeling The Pacific Coast Railway's
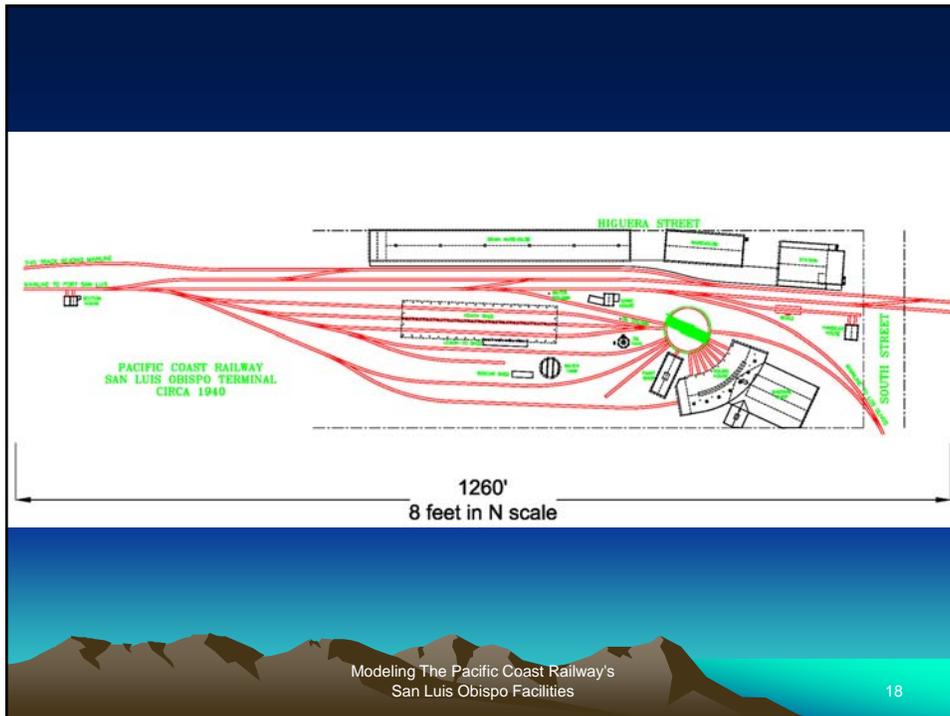San Luis Obispo Facilities

16

Sand House

THE SAND HOUSE
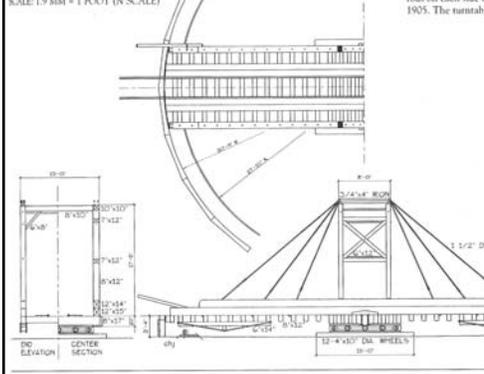
DRAWN BY CURTISS H. JOHNSON
SCALE: 1.9 MM = 1 FOOT (N SCALE)
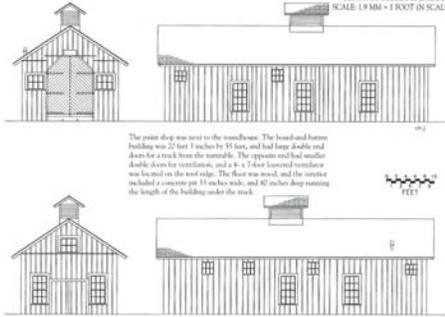
The sand house was a board-and-batten building between the mainline and the turntable. "Green" sand was stored in the attached corrugated iron shed, parallel to the turntable lead. After the sand was dried over a stove, it was stored in the main building. Apparently, the dry sand was manually transferred to a locomotive's sand dome in buckets handed up to a man on the engine.
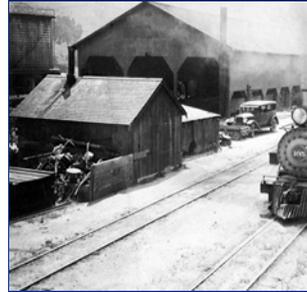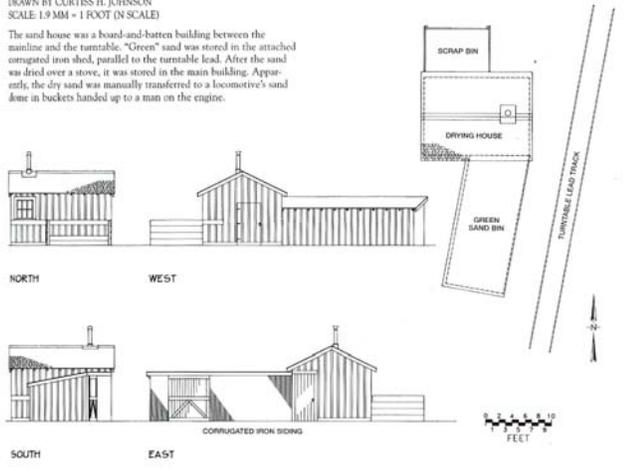
Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

17

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

18

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

19
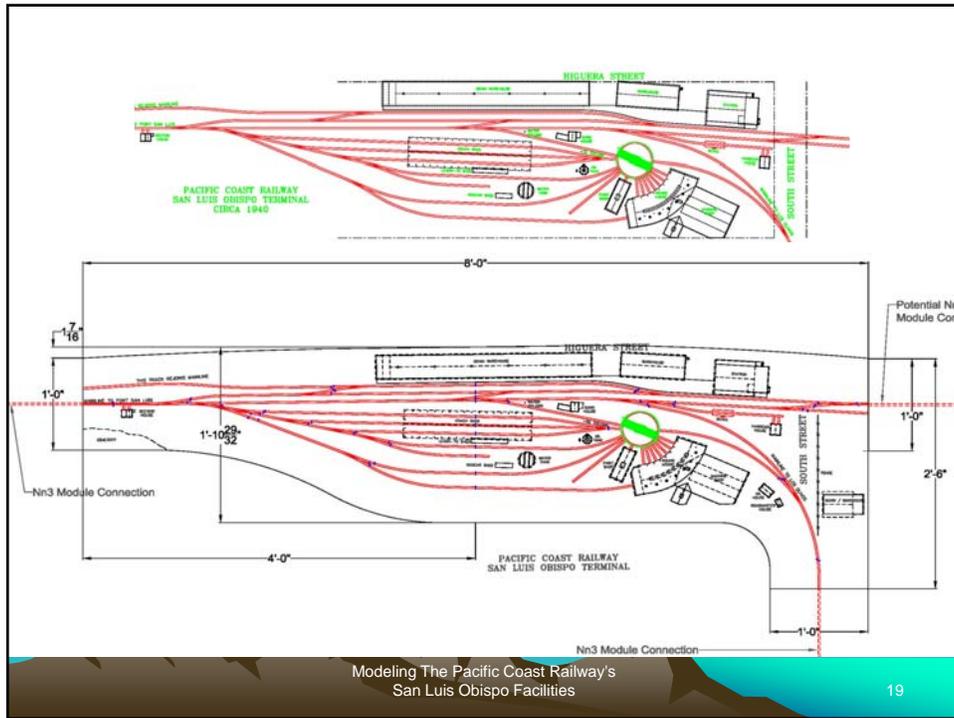
"Ultralight"
Nn3 Modules

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

20

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

21

"Ultralight" Module Legs

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

22

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

23

Modeling The Pacific Coast Railway's
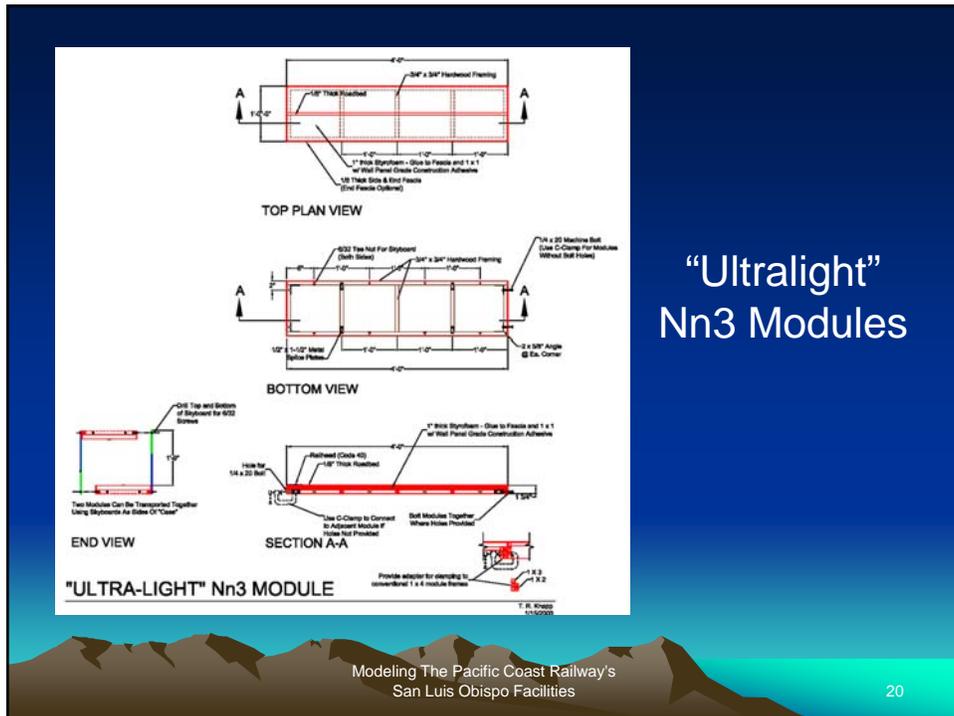San Luis Obispo Facilities

24

otos

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

25

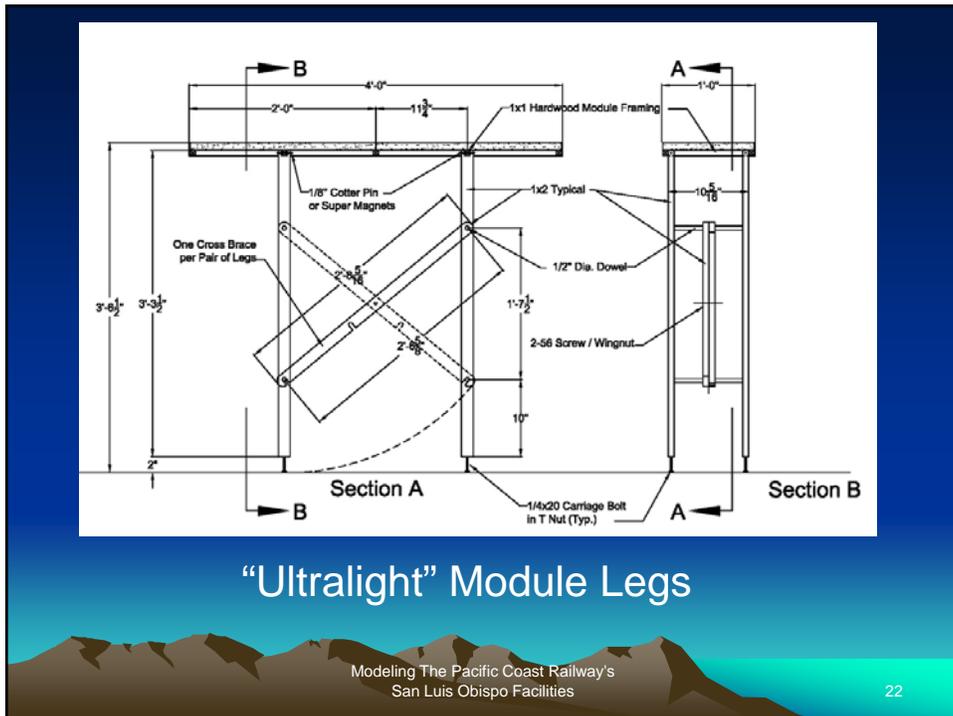Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

26

13

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

27

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

28

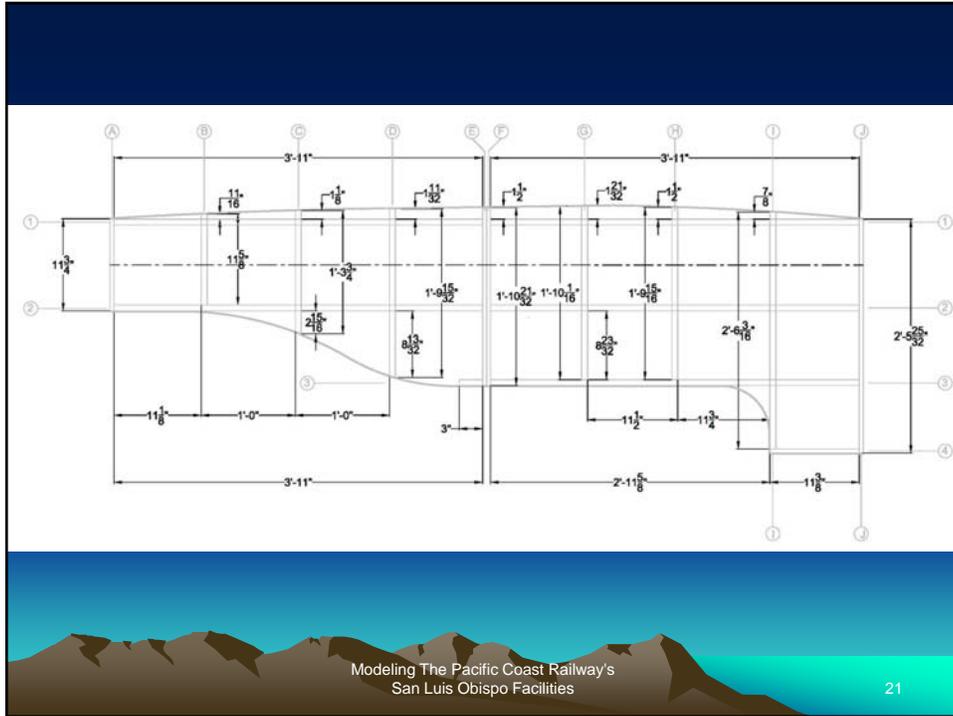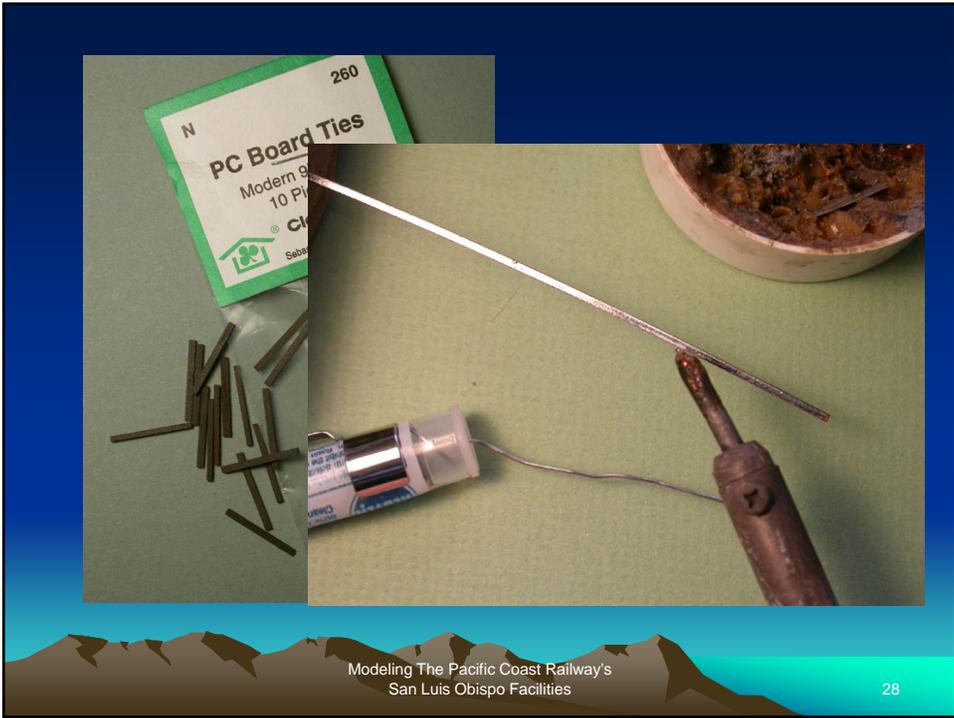...otos

Modeling The Pacific Coast Railway's
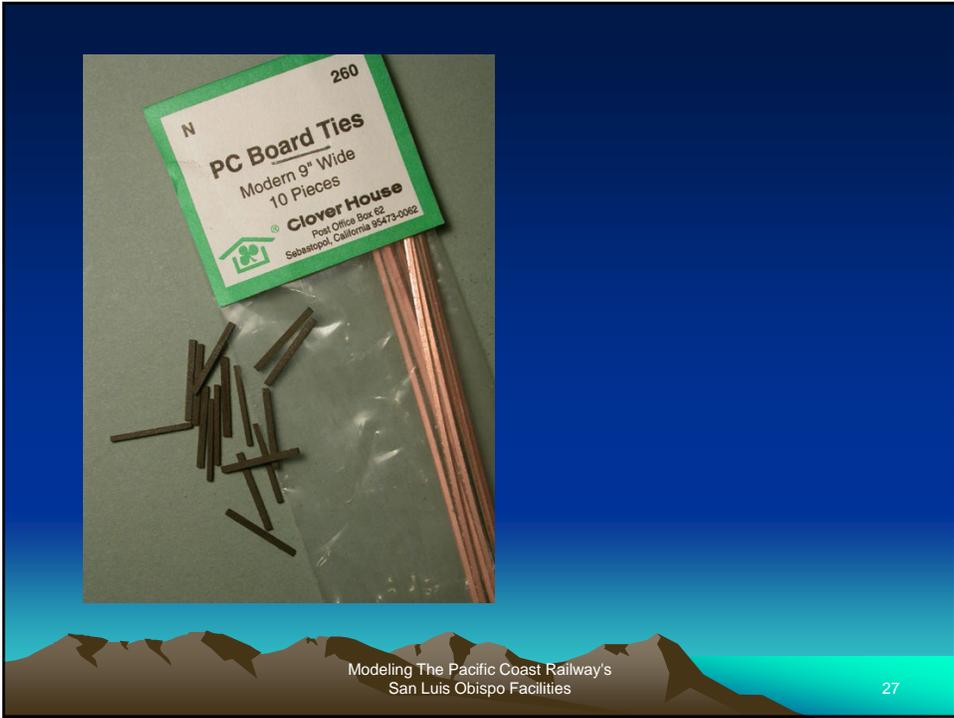San Luis Obispo Facilities

29

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

30

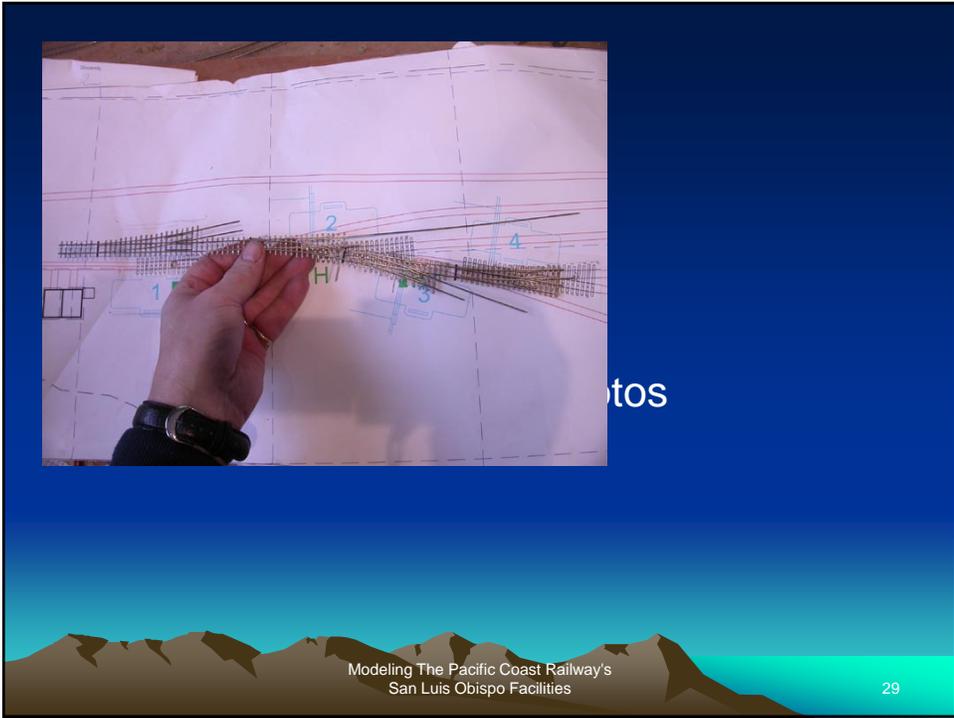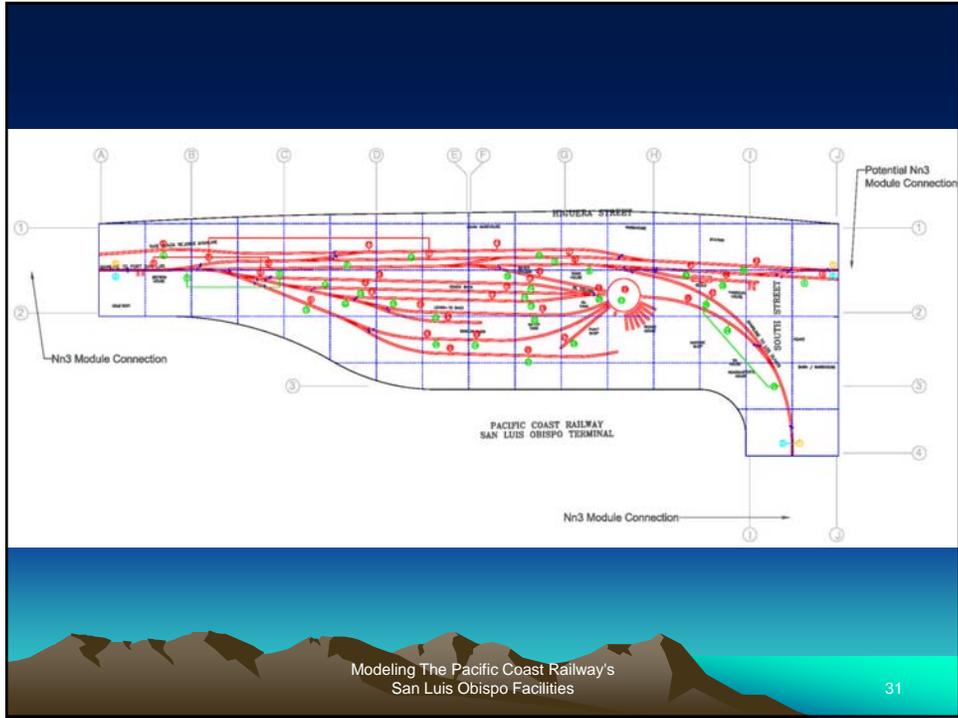Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

31

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

32

16

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

33

Aerial View of Completed Modules

Oil Tank
Sand House
Freight Station
Depot
"Bean" Warehouse

Car Barn
Water Tank
Paint Shop
Roundhouse
Machine Shop
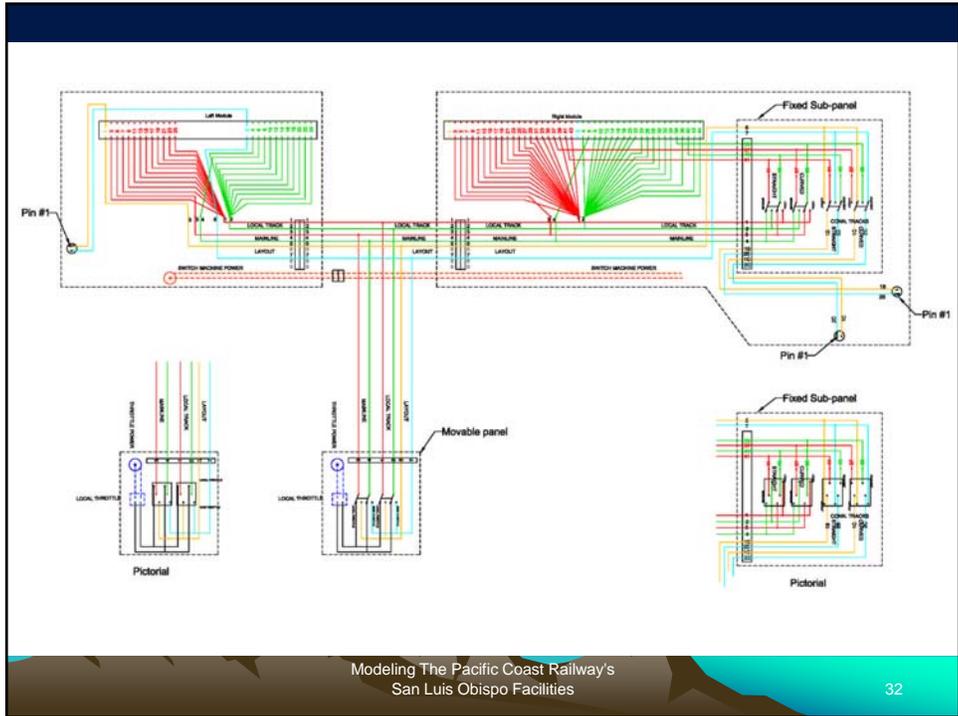
Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

34

THE PACIFIC COAST RAILWAY IN 1887

Port Harford (Port San Luis) yard and turntable on shore and trackage on wharf with covered warehouse on wharf

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities

35

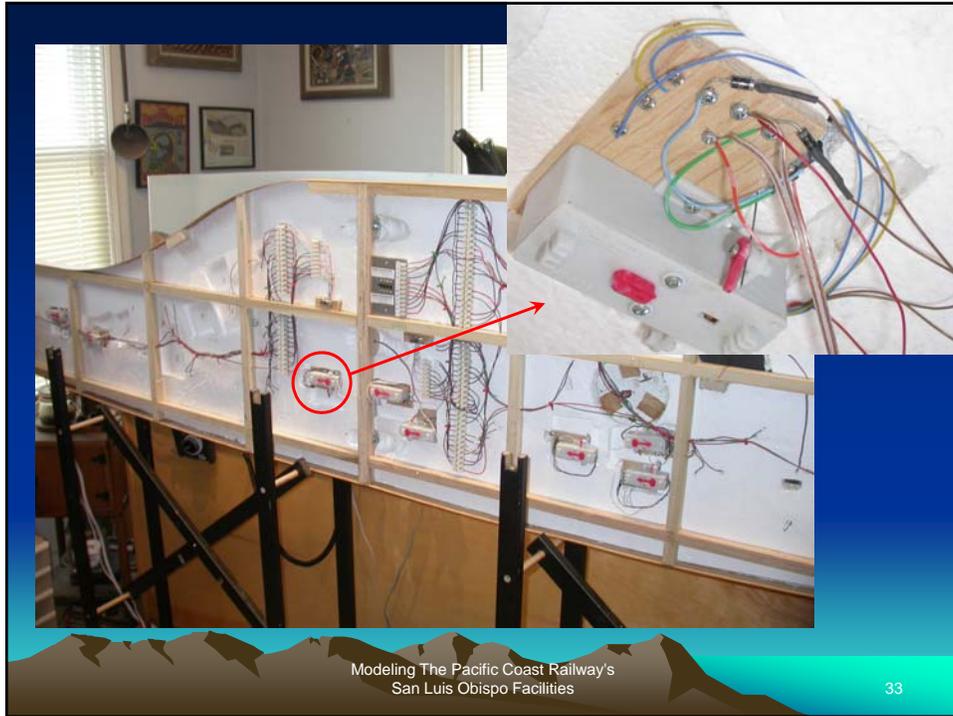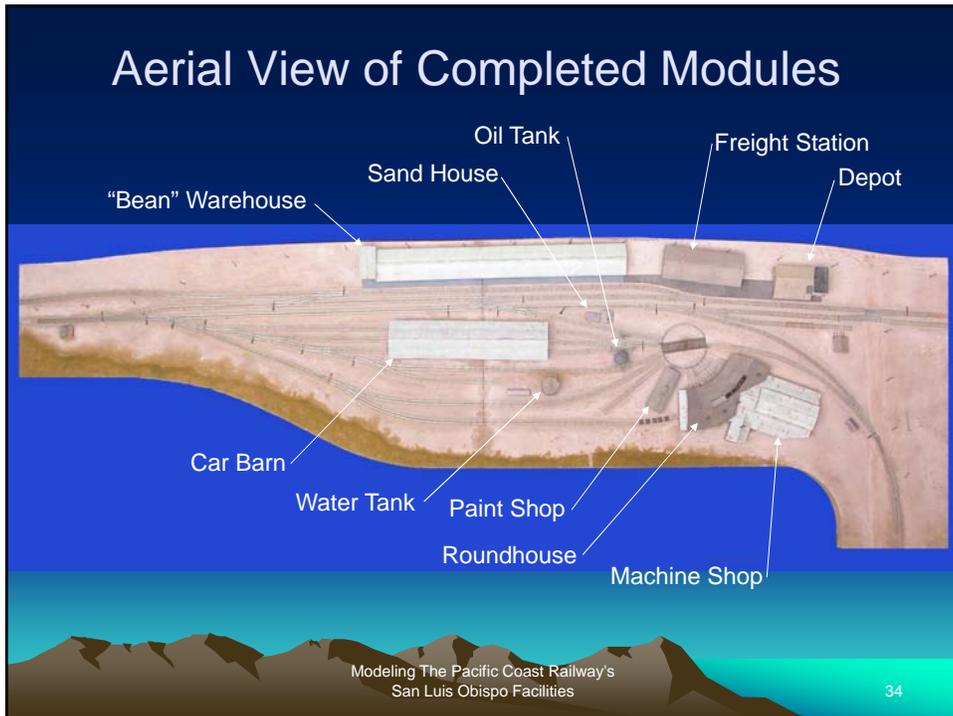THE PORT SAN LUIS WHARF IN 1916

SAN LUIS BAY

Modeling The Pacific Coast Railway's
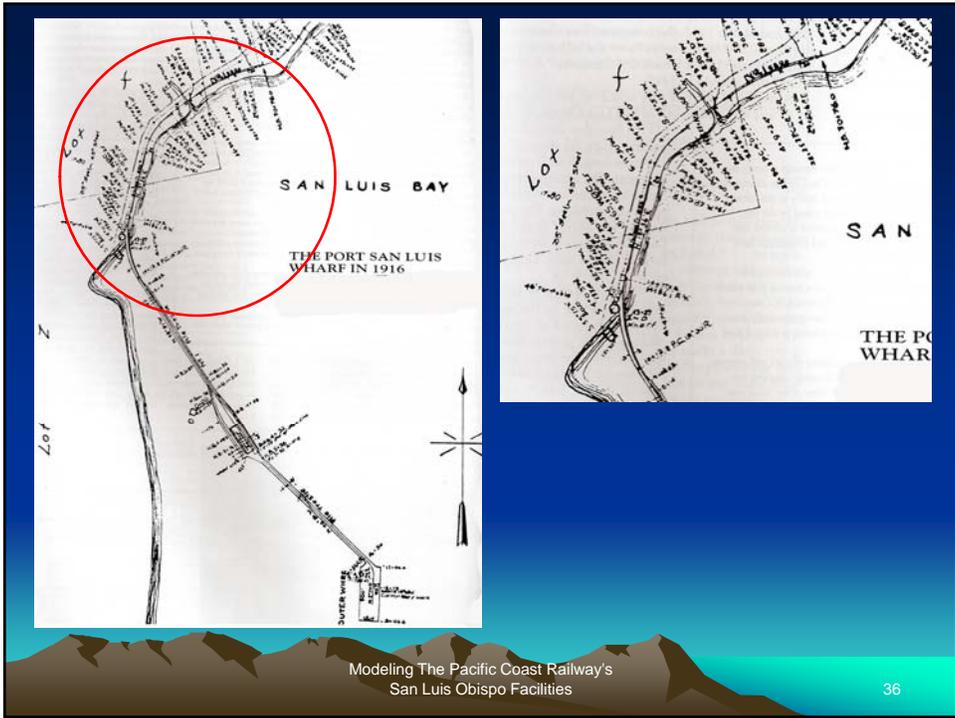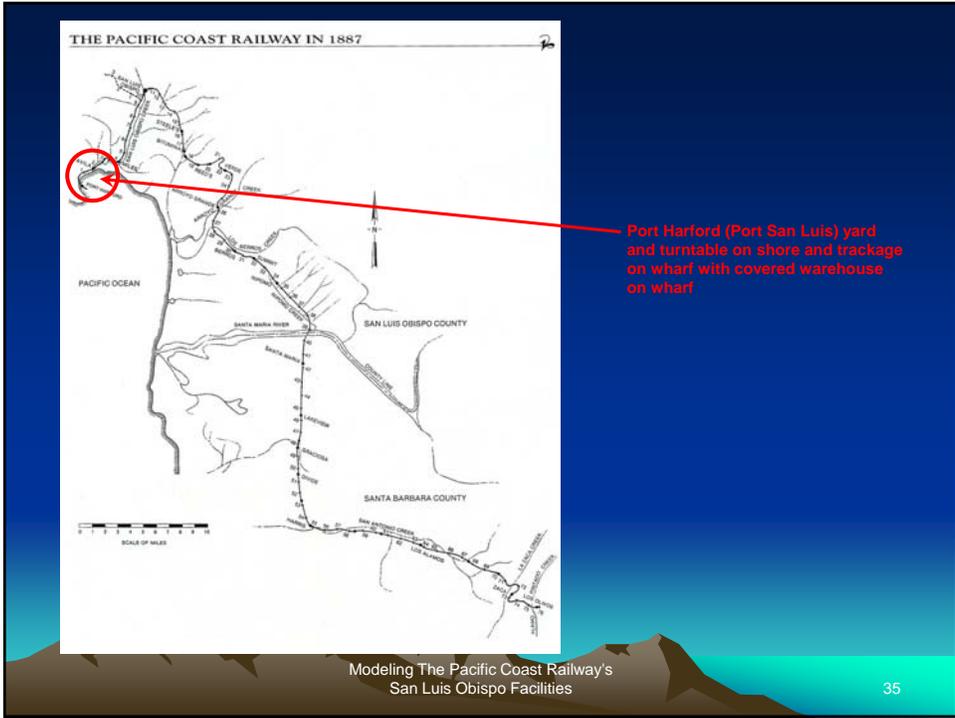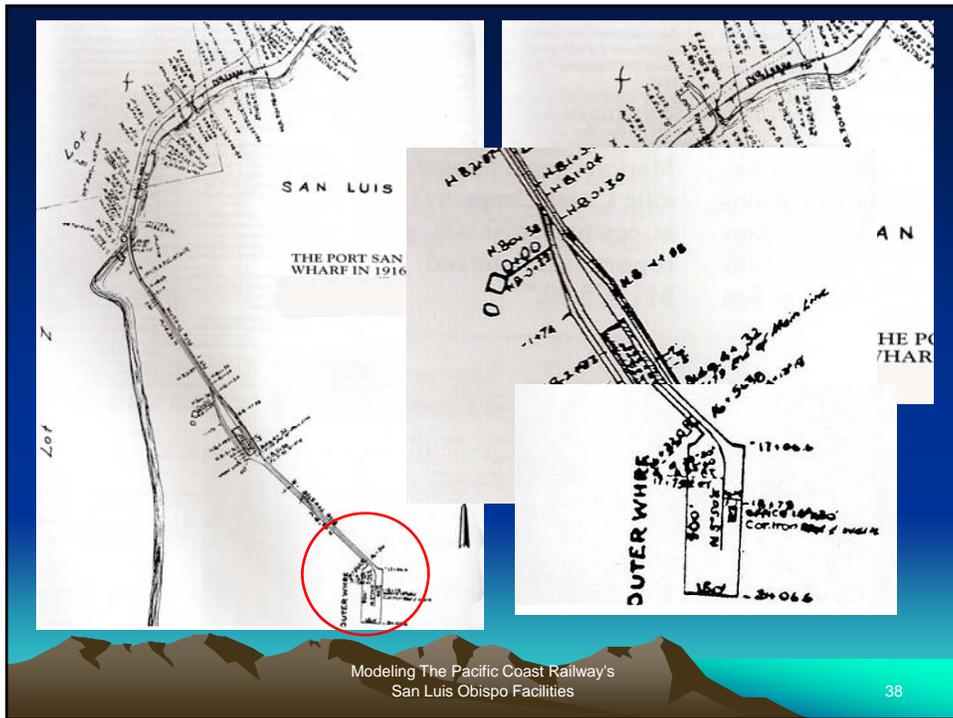San Luis Obispo Facilities

36

Modeling The Pacific Coast Railway's
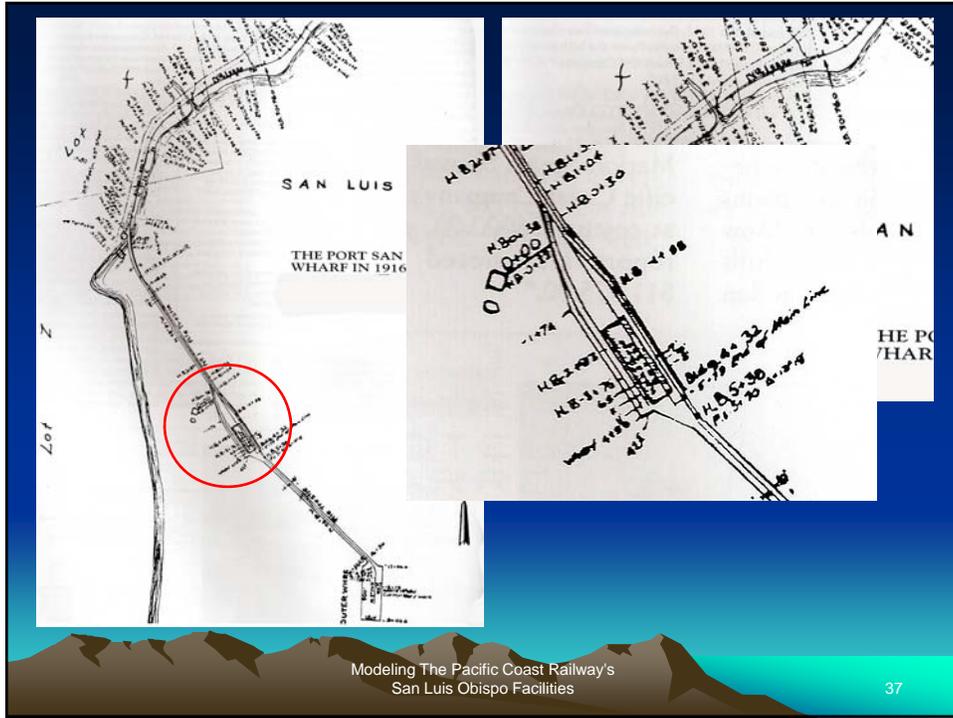San Luis Obispo Facilities
37

Modeling The Pacific Coast Railway's
San Luis Obispo Facilities
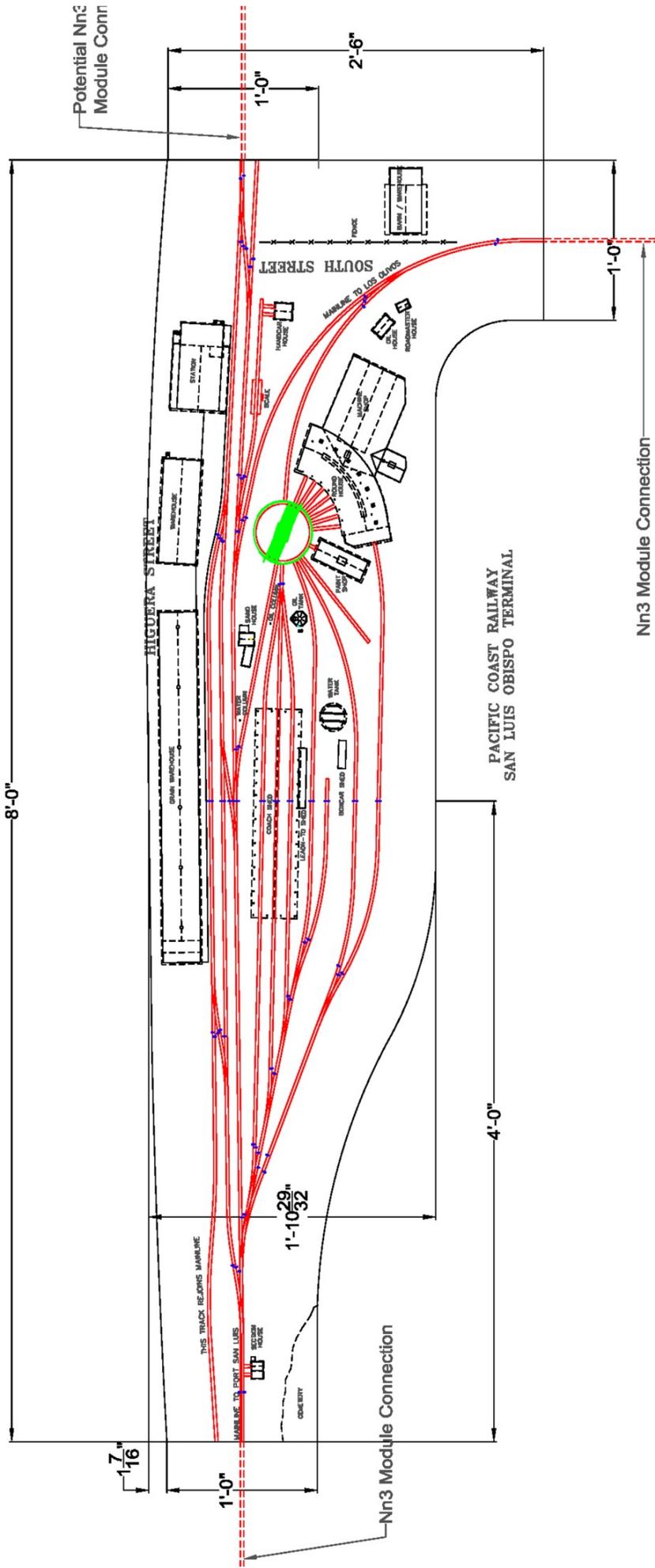38

PACIFIC COAST RAILWAY
SAN LUIS OBISPO TERMINAL

HIGUERA STREET

SOUTH STREET

Potential Nn3
Module Conn

1'-0"

2'-6"

8'-0"

1'-0"

Nn3 Module Connection

1'-10 29/32"

4'-0"

1 7/16"

1'-0"

Nn3 Module Connection

MAINLINE TO PORT SAN LUIS

THIS TRACK REJOINS MAINLINE

MAINLINE TO LOS OLIVOS

STATION

WAREHOUSE

GRAIN WAREHOUSE

SAND HOUSE

OIL CISTERN

OIL TANK

WATER COLUMN

WATER TANK

COACH SHED

LEAN-TO SHED

BOXCAR SHED

MACHINE SHOP

ROUND HOUSE

PAINT SHOP

FREIGHT HOUSE

OIL HOUSE

ROADMASTER'S HOUSE

BARN / WAREHOUSE

SECTION HOUSE

CEMETERY

FENCE