CALIFORNIA HIGH-SPEED TRAIN
AUTOMATIC TRAIN CONTROL

RECORD SET PEPD
DESIGN SUBMISSION

Bakersfield to Palmdale
Automatic Train Control

October 2017
## GENERAL SHEETS

<table>
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<td>TC-B0002</td>
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## TRAIN CONTROL LAYOUTS AND SITE PLANS

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**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**BAKERSFIELD TO PALMDALE**

**ALTERNATIVE 1,2,3,5**

**GENERAL INDEX OF DRAWINGS**

**SHEET 1 OF 1**

**Designed by:** S. LANDOLT  
**Drawn by:** E. REVOLORIO  
**Checked by:** J. SIHOTA  
**In Charge:** S. SMITH  
**Date:** 10/31/2017  
**Contract No.:** HSR13-44  
**Drawing No.:** TC-B0002  
**Scale:** AS SHOWN  
**Sheet No.:** TC-B0002

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<tr>
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<td>J. SIHOTA</td>
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<td>BAKERSFIELD TO PALMDALE</td>
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ALTERNATIVE 1

GENERAL KEY MAP

SHEET 1 OF 2
ALTERNATIVE 2

GENERAL KEY MAP

SHEET 1 OF 2

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
GENERAL
KEY MAP

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

DESIGNED BY
S. LANDOLT
DRAWN BY
E. REVOLORIO
CHECKED BY
J. SIHOTA
IN CHARGE
S. SMITH
DATE
10/31/2017
RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION
NOTE
1. ATC (AUTOMATIC TRAIN CONTROL)- "A" SITES HAVE RADIO ANTENNAS
2. TP (TUNNEL PORTAL) SITES HAVE RADIO ANTENNAS.
NOTE
1. ATC (automatic train control) "A" sites have radio antennas.
2. TP (tunnel portal) sites have radio antennas.

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
AUTOMATIC TRAIN CONTROL LAYOUT
NOTE
1. 4TC (AUTOMATIC TRAIN CONTROL)- "A" SITES HAVE RADIO ANTENNAS.
2. 7" (TUNNEL PORTAL) SITES HAVE RADIO ANTENNAS.
NOTE
1. ATC (Automatic Train Control) - "A" sites have radio antennas.
2. 7' B' tunnel portal sites have radio antennas.

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 5
AUTOMATIC TRAIN CONTROL LAYOUT
ALTERNATIVE 1,3,5

AUTOMATIC TRAIN CONTROL SITE PLAN

SITE @ 17723+00, 17747+99

80 MPH CROSSOVER
PTSW 17739+69.36

NOTE
1. SITE B SIZE: 30' X 35'

DESIGNED BY
S. LANDOLT

DRAWN BY
E. REVOLORIO

CHECKED BY
J. SIHOTA

IN CHARGE
S. SMITH

DATE
10/31/2017

RECORD
PEPD

SUBMITTAL

NOT FOR
CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

CONTRACT NO.
HSR13-44

DRAWING NO.
TC-F4004

SCALE
AS SHOWN

SHEET NO.
10/31/2017

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NOTE
1. SITE D SIZE: 100' X 65'

EDISON FAULT ZONE

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
AUTOMATIC TRAIN CONTROL SITE PLAN
SITE D 17980+00

DESIGNED BY
S. LANDOLT

DRAWN BY
E. REVOLORIO

CHECKED BY
J. SIHOTA

IN CHARGE
S. SMITH

DATE
10/31/2017

RECORD
PEPD

SUBMITTAL
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CONTRACT NO.
HSR13-44

DRAWING NO.
TC-F4005

SCALE
AS SHOWN

SHEET NO.

DATE

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DESCRIPTION

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ALTERNATIVE 1, 2, 3, 5

AUTOMATIC TRAIN CONTROL SITE PLAN

SITE @ 18749+50

NOTE
1. SITE D SIZE: 100' X 65'

CHSR STRUCTURE

PTEF

PPEF

18750+00

18755+00

TEHACHAPI CREEK FAULT ZONE

NOTE
1. SITE D SIZE: 100' X 65'

DESIGNED BY
S. LANDOLT

DRAWN BY
E. REVOLORIO

CHECKED BY
J. SIHOTA

IN CHARGE
S. SMITH

DATE
10/31/2017

RECORD
PEPD

SUBMITTAL

NOT FOR

CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3, 5
AUTOMATIC TRAIN CONTROL SITE PLAN
SITE @ 18749+50

SCALE
AS SHOWN

SHEET NO.

DRAWING NO.

CONTRACT NO.
HSR13-44

DATE

09/28/2017

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12/23/2017
ALTERNATIVE 1,2,3,5

AUTOMATIC TRAIN CONTROL SITE PLAN

SITE @ 19185+00

E "M O I S - T E H" TRACK

ACCESS ROAD

PROP CHSR R/W

NOTE
1. SITE E SIZE: 110' X 65'

DESIGNED BY
S. LANDOLT

DRAWN BY
E. REVOLORIO

CHECKED BY
J. SIHOTA

IN CHARGE
S. SMITH

DATE
10/31/2017

RECORD
PEPD

SUBMITTAL

NOT FOR CONSTRUCTION