ALTERNATIVE 1, 2, 3
MAINTENANCE FACILITY
LMF - LANCASTER
PLAN SHEET 8 OF 9

- CHSR SB ALIGNMENT "ALT 1, 2, 3"
- "LMF SB LEAD" ALIGNMENT
- "LMF NB LEAD" ALIGNMENT
- TRAIN WASH SYSTEM
- AUTOMATIC WHEEL INSPECTION
- PROP SIERRA HWY REALIGNMENT

DESIGNED BY
S. LANDOLT
DRAWN BY
J. MEREDITH
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH

PROJECTS\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4049.dgn

DATE
10/31/2017

PEPD
SUBMITTED
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3
MAINTENANCE FACILITY
LMF - LANCASTER
PLAN SHEET 8 OF 9
ALTERNATIVE 5
MAINTENANCE FACILITY
LMF - LANCASTER
PLAN SHEET 1 OF 3

- CHSR SB ALIGNMENT "ALT S"
- "LMF SB LEAD" ALIGNMENT
- CHSR NB ALIGNMENT "ALT N"
- "LMF NB LEAD" ALIGNMENT

TIE INTO MAINTENANCE ACCESS ROAD. SEE TYPICAL SECTION.

100+00
15+00
20+00
25+00
30+00
35+00

15 MPH CROSSOVER PTSW 21025+53.85
80 MPH CROSSOVER PTSW 21030+00
80 MPH CROSSOVER PTSW 21035+00
80 MPH CROSSOVER PTSW 21040+00
80 MPH CROSSOVER PTSW 21045+00
80 MPH CROSSOVER PTSW 21050+00

CHSR SB ALIGNMENT "ALT S"
"LMF SB LEAD" ALIGNMENT
CHSR NB ALIGNMENT "ALT N"
"LMF NB LEAD" ALIGNMENT

PTEF
PPEF

CHSR SB ALIGNMENT "ALT S"
"LMF SB LEAD" ALIGNMENT
CHSR NB ALIGNMENT "ALT N"
"LMF NB LEAD" ALIGNMENT

MAINLINE CROSSOVER

PROP CHSR R/W
PROP SIERRA HWY REALIGNMENT

CURVE # | MPH R (FT) | LS (FT) | LC (FT)
--- | --- | --- | ---
1 | 60 | 7,000 | 150 | 150.98

CHSR 21022+00.00 = PTSW 10+00.00
CHSR 21043+83.82 = PTSW 100+00.00

DATE
10/31/2017

DESIGNED BY
S. LANDOLT
DRAWN BY
J. MEREDITH
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G. CAMPBELL
IN CHARGE
S. SMITH

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4052.dgn

11/7/2017 12:07 PM
QIC.ADodge

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
MAINTENANCE FACILITY
LMF - LANCASTER
PLAN SHEET 1 OF 3
ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PROFILE SHEET 2 OF 2

"ALT 2" TRACK PROFILE

SEE SHEET MY-D1015
MATCH LINE STA 50+00

PTSW STA 71+02.21

EDISON MOIS-ALT 2

11/7/2017

DESIGNED BY
S. LANDOLT

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E. REVOLORIO

CHECKED BY
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IN CHARGE
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DATE
10/31/2017

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PROFILE SHEET 2 OF 2

NOT FOR CONSTRUCTION

SCALE
AS SHOWN

CONTRACT NO.
HSR13-44

DRAWING NO.
MY-D1016

DATE
MY-01016

AS SHOWN

REVISIONS

INQUIRY

SUBMITTAL

PEPD

APP

REV

DESCRIPTION

NOT FOR CONSTRUCTION

11/7/2017

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

TYLUNINTERNATIONAL
"ALT 1,2,3" TRACK PROFILE

"LMF SB LEAD" TRACK PROFILE

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 1 OF 9

DESIGNED BY
S. LANDOLT
DRAWN BY
J. MEREDITH
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION

SCALE
AS SHOWN
SHEET NO.

INCHES/FEET
1"=100' HOR
1"=10' VERT

SEE ABOVE RIGHT
MATCH LINE STA 30+00

SEE BELOW LEFT
MATCH LINE STA 30+00

LMF SB LEAD TRACK

"ALT 1,2,3" TRACK PROFILE

"LMF SB LEAD" TRACK PROFILE

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 1 OF 9

DESIGNED BY
S. LANDOLT
DRAWN BY
J. MEREDITH
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION

SCALE
AS SHOWN
SHEET NO.

INCHES/FEET
1"=100' HOR
1"=10' VERT

SEE ABOVE RIGHT
MATCH LINE STA 30+00

SEE BELOW LEFT
MATCH LINE STA 30+00

LMF SB LEAD TRACK
"LMF-SB LEAD" TRACK PROFILE

"LMF-NB LEAD" TRACK PROFILE

CLEARANCE ENVELOPE FOR CHSR PROP ROADWAY STRUCTURE

DRAINAGE STRUCTURE

PROF DRAINAGE STRUCTURE

CLEARANCE ENVELOPE FOR CHSR

ALTERNATIVE 1, 2, 3

MAINTENANCE FACILITY

LMF - LANCASTER

PROFILE SHEET 4 OF 9
See Sheet MY-D1045

Match Line Sta 145+00

"LMF-NB LEAD" Track Profile

"ALT 1,2,3" Track Profile

See Above Right

"ALT 1,2,3" Track Profile

See Below Left

"LMF-SB LEAD" Track Profile

60 MPH Crossover

9'

Clearance Envelope for CHSR Prop Roadway Structure

W AVE M

1650' Usable Track Length

"LMF NB LEAD TRACK"

"LMF NB LEAD TRACK"

DESIGNED BY
S. LANDOLT

DRAWN BY
J. MEREDITH

CHECKED BY
G. CAMPBELL

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.
MY-D1046

SCALE
AS SHOWN

SHEET NO.
PROFILE SHEET 7 OF 9

1/7/17 11:24:27 AM

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CALIFORNIA HIGH-SPEED RAIL PROJECT
Bakersfield to Palmdale
Alternative 5
Maintenance Facility
LMF - Lancaster
Profile Sheet 2 of 4

LMF SB Lead Track

Clearance Envelope for CHSR

PROF. ROADWAY STRUCTURE

ALTERNATIVE 5 MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 2 OF 4

55+00
60+00
65+00
70+00
75+00
80+00

STATION

OG

1"=100'
HOR

1"=10'
VERT

1.65%

11/7/2017 11:31:08 AM
Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D1051.dgn

LMF-SB LEAD TRACK PROFILE

STA 75+75.69 ALT 1,2,3

STA 79+00.00 ALT 5= JOIN ALT 1,2,3

LMF-NB LEAD TRACK PROFILE

STA 75+75.69 ALT 1,2,3

SEE SHEET MY-D1050 MATCH LINE STA 55+00

"ALT S" TRACK PROFILE

9.0'
27'

AVE L

CLEARANCE ENVELOPE FOR CHSR PROP ROADWAY STRUCTURE

DESIGNED BY S. LANDOLT
DRAWN BY J. MEREDITH
CHECKED BY G. CAMPBELL
IN CHARGE S. SMITH
DATE 10/31/2017
RECORD PEPD SUBMITTAL
NOT FOR CONSTRUCTION
BY CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE CONTRACT NO. HSR13-44 DRAWING NO. MY-D1051 SCALE AS SHOWN SHEET NO. 11/7/2017

Des: Date Rev

Title

Description

TYP霖 INTERNATIONAL
CALIFORNIA HIGH-SPEED RAIL PROJECT
Bakersfield to Palmdale

ALTERNATIVE 1, 2, 3, 5
MAINTENANCE FACILITY
LMF - MOIF North Lancaster
PROFILE SHEET 7 OF 10

SEE SHEET MY-D1065
MATCH LINE STA 185+00
SEE BELOW LEFT
MATCH LINE STA 210+00

SEE SHEET MY-D1067
MATCH LINE STA 235+00

DESIGNED BY
S. LANDOLT
DRAWN BY
J. MEREDITH
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION
"LMF-MOIF NB LEAD" TRACK PROFILE

CLEARANCE ENVELOPE FOR SB SR 14
CLEARANCE ENVELOPE FOR NB SR 14

ALT 1, 2, 3, 5" TRACK PROFILE

"ALT 1, 2, 3, 5" TRACK PROFILE

"LMF-MOIF SB LEAD" TRACK PROFILE

"LMF-MOIF NB LEAD" TRACK PROFILE

CHSR STRUCTURE

SEE SHEET MY-D1068