CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GRADING AND DRAINAGE
STA. 1899+50 TO 1902+50
PLAN

MATCH LINE (CV-G4070)

PLAN

MATCH LINE (CV-G4070)

MATCH LINE (CV-G4070)
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,5
GRADING AND DRAINAGE
ACCESS ROAD STA. 17596+00
PLAN

MATCH LINE STA (CV-G4015)

SCALE AS SHOWN

DATE 10/31/2017

RECORD PE PD
SUBMITTAL NOT FOR CONSTRUCTION

PLAN

PTEF UNION PACIFIC RAILROAD

ONSITE DITCH
OFFSITE DITCH

PROP ACCESS ROAD

EDISON HWY

BAKERSFIELD TO PALMDALE

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

DRAWN BY N. SANDERS
CHECKED BY G. CAMPBELL
IN CHARGE S. SMITH

DESIGNED BY J. ABRAMS

DEF
PTEF

OFFSITE DITCH
ONSITE DITCH

PROP ACCESS ROAD

1"=100' HOR SCALE APPLICABLE FOR FULL SIZE ONLY

PLAN

MATCH LINE STA (CV-G4015)
CALIFORNIA HIGH-SPEED RAIL PROJECT
Bakersfield to Palmdale
Alternative 1, 2, 5
Grading and Drainage
Access Road STA 17907+00
Plan
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,5
GRADING AND DRAINAGE
ACCESS ROAD STA. 19755+00
PLAN

DATE 10/31/2017
CHECKED BY G. CAMPBELL
IN CHARGE S. SMITH

DESIGNED BY R. KRAFT
DRAWN BY A. CAROLINO

NOT FOR CONSTRUCTION
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GRADING AND DRAINAGE
ACCESS ROAD STA. 20342+00
PLAN

MATCH LINE (CV-G4122)
MATCH LINE (CV-G4123)

DESIGNED BY
R. KRAFT
DRAWN BY
A. CAROLINO
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH

DATE
10/31/2017
RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION

1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
GRADING AND DRAINAGE
ROAD CROSSING STA. 20806+00
PLAN

MATCH LINE (CV-G4141)

10TH ST

ARMAGOSA CREEK 100-YEAR FLOODPLAIN BOUNDARY
OFFSITE DITCH

PLAN

PPEF
PTEF
BOUNDARY
100-YEAR FLOODPLAIN

CALIFORNIA HIGH-SPEED RAIL PROJECT
CONTRACT NO. HSR13-44
DRAWING NO. CV-G4199
SCALE AS SHOWN
SHEET NO.

10/31/2017

DESIGNED BY R. KRAFT
DRAWN BY A. CAROLINO
CHECKED BY G. CAMPBELL
IN CHARGE S. SMITH

DATE CHK APP BY REV DESCRIPTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
Bakersfield to Palmdale
Alternative 1, 2, 3
Grading and Drainage
Road Crossing STA. 2091400
Plan

DESIGNED BY
R. KRAFT

DRAWN BY
A. CAROLINO

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
Alternative 1, 2, 3
Grading and Drainage
Road Crossing STA. 2091400
Plan

DESIGNED BY
R. KRAFT

DRAWN BY
A. CAROLINO

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
ALTERNATIVE 1, 2, 3
GRADING AND DRAINAGE
ROAD CROSSING STA. 21022+00
PLAN

R. KRAFT
A. CAROLINO
G. CAMPBELL
S. SMITH

DATE 10/31/2017

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3
GRADING AND DRAINAGE
ROAD CROSSING STA. 21022+00 PLAN

MATCH LINE (CV-G4150)
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
GRADING AND DRAINAGE
STA. 17285+00 TO 17310+00
PLAN

PROJECT NO.
HSR13-44

DRAWING NO.
CV-G4301

SCALE
AS SHOWN

CONTRACT NO.
HSR13-44

DATE
5/31/2011

REVIEWED BY

APPROVED BY

DATE

FOR CONSTRUCTION

NOT FOR

STANDARD DRAWING NO.
CV-04301

DRAWN BY

CHECKED BY

IN CHARGE

DESIGNED BY

DRAWN BY

CHECKED BY

PREPARED BY
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
GRADING AND DRAINAGE
STA. 17460+00 TO 17485+00
PLAN
CALIFORNIA HIGH-SPEED RAIL PROJECT
Bakersfield to Palmdale
Alternative 2
Grading and Drainage
STA. 17785+00 TO 17810+00
Plan

DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR CONSTRUCTION

MATCH LINE (CV-G4321)

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
GRADING AND DRAINAGE
STA. 17785+00 TO 17810+00
PLAN

PROJECT NO. HSR13-44
DRAWING NO. CV-G4321
SHEET NO.

SCALE AS SHOWN
CALIFORNIA HIGH-SPEED RAIL PROJECT
ALTERNATIVE 2
GRADING AND DRAINAGE
STA. 17835+00 TO 17860+00
PLAN

PROJECT
BAKERSFIELD TO PALMDALE

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-G4323

SCALE
AS SHOWN

SHEET NO.

DESIGNED BY
J. ABRAMS

DRAWN BY
N. SANDERS

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DATE
10/31/2017

RECORD
PEPD

SUBMITTAL

NOT FOR CONSTRUCTION

1"=100' HOR SCALE APPLICABLE FOR FULL SIZE ONLY

LID BMP
OFFSET DITCH
PROP CHSR R/W

PTEF
OFFSITE DITCH
PROP CHSR R/W

DITCH CONNECTION
VIADUCT DRAIN TO DITCH CONNECTION

MATCH LINE (CV-G4322)

MATCH LINE (CV-G4324)

PLAN

LID BMP

PPEF

LID BMP

OFFSITE DITCH

PROP CHSR R/W

LID BMP

PPEF

LID BMP

PPEF

OFFSITE DITCH

PROP CHSR R/W

LID BMP

OFFSITE DITCH

PROP CHSR R/W

LID BMP

PPEF

PTEF

LID BMP

PTEF

PPEF

PTEF

LID BMP

MATCH LINE (CV-G4322)

MATCH LINE (CV-G4324)
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 3
GRADING AND DRAINAGE
STA. 19345+00 TO 19370+00
PLAN