CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1, 2, 3, 5
TRACK STRUCTURES
30TH STREET - AVENUE C UNDERPASS
PLAN AND ELEVATION

DESIGNED BY
ROBERT BARTON
DRAWN BY
YIHONG WANG
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH
DATE
10/31/2017

TOTAL LENGTH = 980'-0" (MEASURED ALONG "SB CHSR C")

ELEVATION
SCALE 1" = 40'

PLAN
SCALE 1" = 40'

20558+00 20560+00 20562+00 20564+00 20566+00 20568+00 20570+00

SB CHSR •
PARAPET
TOP OF RAIL
TOP OF DECK
EDGE OF DECK
EDGE OF RAIL "SB CHSR C"

KERN COUNTY R/W
18'-10"
18'-7"
120'-0"
84'-0"
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1, 2, 3, 5
TRACK STRUCTURES
SR 138 UNDERPASS
PLAN AND ELEVATION

TOTAL LENGTH = 400'-0" (MEASURED ALONG "SB CHSR E")

DATUM ELEV 2275.00
APPROX OG
PARAPET
TOP OF RAIL
TOP OF DECK

SCALE 1"= 40'

ELEVATION

PLAN

SCALE 1"= 40'

TOP OF RAIL "SB CHSR E"
NO SCALE

DESIGNED BY
ROBERT BARTON
DRAWN BY
YIHONG WANG
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1100
SCALE
AS SHOWN
SHEET NO.

CALTRANS R/W
PROP CHSR R/W
CALTRANS R/W
PROP CHSR R/W

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\ST\BP-ST-J1100.dgn

11:22:16 AM
10/30/2017
TYLI\YWang
TOP OF RAIL "SB CHSR C"

TOTAL LENGTH = 15582'-0" (MEASURED ALONG "SB CHSR C")

ELEVATION

SCALE 1"= 40'

PLAN

SCALE 1"= 40'

DESIGNED BY
ROBERT BARTON
DRAWN BY
YIHONG WANG
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION

CONTRACT NO.
HSR 13-44
DRAWING NO.
ST-J1108
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\ST\BP-ST-J1108.dgn

11:26:03 AM
10/30/2017
TYLI\YWang
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
TRACK STRUCTURES
VIADUCT STATION 17285+00 TO 17440+82.05
PLAN AND ELEVATION

SCALE 1"= 40'

TOP OF RAIL "SB CHSR C"
NO SCALE

TOTAL LENGTH = 15582'-0" (MEASURED ALONG "SB CHSR C")

ELEVATION
SCALE 1"= 40'

PLAN
SCALE 1"= 40'

DESIGNED BY
ROBERT BARTON
DRAWN BY
YIHONG WANG
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR CONSTRUCTION

CONTRACT NO.
HSR 13-44
DRAWING NO.
ST-J1112
SCALE
AS SHOWN
SHEET NO.

DIMENSIONS
23
15
12
9
6
3
0

10/30/2017
TYLI\YWang

12/20/2017
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
TRACK STRUCTURES
VIADUCT STATION 17285+00 TO 17440+82.05
PLAN AND ELEVATION

DATE
11/01/2017

NOTES

RED
REV
APP
CHK
DATE

NOT FOR CONSTRUCTION

12/01/2017
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
TRACK STRUCTURES
VIADUCT STATION 17497+70 TO 17530+80
PLAN AND ELEVATION

TOP OF RAIL "SB CHSR E"
NO SCALE

TOTAL LENGTH = 3310'-0" (MEASURED ALONG "SB CHSR E")

CALTRANS R/W
TYP 30'-0"

CIDH PILE 30'-0"

OH 170'-0" 170'-0" 170'-0" 170'-0" 170'-0" 110'-0" 110'-0" 110'-0" 110'-0" 110'-0"

EDISON RD
EXISTING

TOP OF RAIL "SB CHSR C"

ELEVATION
SCALE 1"=40'

TOP OF DECK

PARAPET

CALTRANS R/W

TYP 20'-0"

CALTRANS R/W

TYP 30'-0"

EDGE OF RAIL

TOP OF RAIL

MATCH LINE STA 17504+00
DRAWING NO. (ST-J1121)

MATCH LINE STA 17514+00
DRAWING NO. (ST-J1123)

TOTAL LENGTH = 3310'-0" (MEASURED ALONG "SB CHSR E")

LIMITS OF FUTURE SR-58 CORRIDOR

TOP OF DECK

CALTRANS R/W

TYP 20'-0"

CALTRANS R/W

TYP 30'-0"

EDGE OF RAIL

TOP OF RAIL

MATCH LINE STA 17504+00
DRAWING NO. (ST-J1121)

MATCH LINE STA 17514+00
DRAWING NO. (ST-J1123)

ELEVATION
SCALE 1"=40'

TOP OF DECK

PARAPET

CALTRANS R/W

TYP 20'-0"

CALTRANS R/W

TYP 30'-0"

EDGE OF RAIL

TOP OF RAIL

MATCH LINE STA 17504+00
DRAWING NO. (ST-J1121)

MATCH LINE STA 17514+00
DRAWING NO. (ST-J1123)

ELEVATION
SCALE 1"=40'

TOP OF DECK

PARAPET

CALTRANS R/W

TYP 20'-0"

CALTRANS R/W

TYP 30'-0"

EDGE OF RAIL

TOP OF RAIL

MATCH LINE STA 17504+00
DRAWING NO. (ST-J1121)

MATCH LINE STA 17514+00
DRAWING NO. (ST-J1123)
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 3
TRACK STRUCTURES
PACIFIC CREST TRAIL SOUTH UNDERPASS
PLAN AND ELEVATION

TOP OF RAIL "SB CHSR C"

ELEVATION
SCALE 1"=40'

PLAN
SCALE 1"=40'

DESIGNED BY
ROBERT BARTON
DRAWN BY
IVAN MARTIN
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL

NOT FOR CONSTRUCTION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1137
SCALE
AS SHOWN
SHEET NO.

CALIFORNIA HIGH-SPEED RAIL AUTHORITY
TYLUN INTERNATIONAL

 Projects\701206.00_CHSRBP\00 CADD\Sheet Files\ST\BP-ST-J1137.dgn

11:20:39 AM 10/30/2017 TYLI\YWang

DATE CHK APP REV DESCRIPTION

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11:20:39 AM 10/30/2017 TYLI\YWang

DATE CHK APP REV DESCRIPTION
TOP OF RAIL "NB CHSR C"
NO SCALE

TOTAL LENGTH = 360'-0"
(MEASURED ALONG "NB CHSR C")
BALANCED CANTILEVER SEGMENTAL OR CIP BOX GIRDER
100'-0"
160'-0"
100'-0"

DATUM ELEV 3190.00

ELEVATION
SCALE 1"=40'

PLAN
SCALE 1"=40'
TOP OF RAIL "SB CHSR C"

TOTAL LENGTH = 300'-0"
(MEASURED ALONG "SB CHSR C")
CIP PS BOX GIRDER

ELEVATION
SCALE 1"= 40'

PLAN
SCALE 1"= 40'

DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR CONSTRUCTION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1147
SCALE
AS SHOWN
SHEET NO.

DESIGNED BY
ROBERT BARTON
DRAWN BY
IVAN MARTIN
CHECKED BY
R. GOLCHOOBIAN
IN CHARGE
STEVE SMITH

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 3
TRACK STRUCTURES
BACKUS ROAD SOUTH UNDERPASS
PLAN AND ELEVATION

DATE
11/01/2017

SCALE APPLICABLE FOR FULL SIZE ONLY