CALIFORNIA HIGH-SPEED TRAIN
MAINTENANCE FACILITIES

RECORD SET PEPD DESIGN SUBMISSION

Bakersfield to Palmdale

Maintenance Facilities

October 2017

CALIFORNIA High-Speed Rail Authority

GENERAL SHEETS

DRAWING No.	DRAWING DESCRIPTION
MY-B0001	COVER SHEET
MY-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWINGS - SHEET 1 OF 1
MY-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
MY-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
MY-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
MY-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
MY-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 3
MY-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 3
MY-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 3
MY-C6001	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 1 OF 1

MAINTENANCE FACILITY PLAN SHEETS

DRAWING No.	DRAWING DESCRIPTION
MY-D4010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 1 OF 5
MY-D4011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 2 OF 5
MY-D4012	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 3 OF 5
MY-D4013	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 4 OF 5
MY-D4014	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 5 OF 5
MY-D4015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 1 OF 5
MY-D4016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 2 OF 5
MY-D4017	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 3 OF 5
MY-D4018	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 4 OF 5
MY-D4019	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 5 OF 5
MY-D4020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 1 OF 4
MY-D4021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 2 OF 4
MY-D4022	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 3 OF 4
MY-D4023	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 4 OF 4
MY-D4030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 1 OF 5
MY-D4031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 2 OF 5
MY-D4032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 3 OF 5
MY-D4033	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 4 OF 5
MY-D4034	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 5 OF 5
MY-D4042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 9
MY-D4043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 9
MY-D4044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 9
MY-D4045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 4 OF 9
MY-D4046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 5 OF 9
MY-D4047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 6 OF 9
MY-D4048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 7 OF 9
MY-D4049	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 8 OF 9
MY-D4050	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 9 OF 9
MY-D4052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 3
MY-D4053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 3
MY-D4054	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 3
MY-D4060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 1 OF 12
MY-D4061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 2 OF 12
MY-D4062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 3 OF 12
MY-D4063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 4 OF 12
MY-D4064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 5 OF 12
MY-D4065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 6 OF 12
MY-D4066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 7 OF 12
MY-D4067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 8 OF 12
MY-D4068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 9 OF 12
MY-D4069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 10 OF 12
MY-D4070	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 11 OF 12
MY-D4071	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 12 OF 12

MAINTENANCE FACILITY PROFILE SHEETS

DRAWING No.	DRAWING DESCRIPTION
MY-D1010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 1 OF 2
MY-D1011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 2 OF 2
MY-D1015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 1 OF 2
MY-D1016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 2 OF 2
MY-D1020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PROFILE SHEET 1 OF 2
MY-D1021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PROFILE SHEET 2 OF 2
MY-D1030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 1 OF 3
MY-D1031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 2 OF 3
MY-D1032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 3 OF 3
MY-D1040	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 9
MY-D1041	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 9
MY-D1042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 9
MY-D1043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 9
MY-D1044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 5 OF 9
MY-D1045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 6 OF 9
MY-D1046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 7 OF 9
MY-D1047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 8 OF 9
MY-D1048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 9 OF 9
MY-D1050	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 4
MY-D1051	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 4
MY-D1052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 4
MY-D1053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 4
MY-D1060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 1 OF 10
MY-D1061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 2 OF 10
MY-D1062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 3 OF 10
MY-D1063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 4 OF 10
MY-D1064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 5 OF 10
MY-D1065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 6 OF 10
MY-D1066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 7 OF 10
MY-D1067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 8 OF 10
MY-D1068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 9 OF 10
MY-D1069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 10 OF 10

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B0002
11/7/2017 11:28:22 AM
QIC.ADodge

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
INDEX OF DRAWINGS
SHEET 1 OF 1

CONTRACT NO. HSR13-44
DRAWING NO. MY-B0002
SCALE AS SHOWN
SHEET NO.

A

AB	AGGREGATE BASE
ABBC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
ABN	ABANDON
ABUT	ABUTMENT
AC	ASPHALT CONCRETE
ACB	ASPHALT CONCRETE BASE
ACP	ASBESTOS CEMENT PIPE
ADL	ADDED DEAD LOAD
ADJ	ADJUST
AFES	ALTERNATIVE FLARED END SECTION
AHD	AHEAD
ALT	ALTERNATE
AM	TIME FROM MIDNIGHT TO NOON
AP	ALTERNATIVE PIPE
APC	ALTERNATIVE PIPE CULVERT
APPROX	APPROXIMATE
APU	ALTERNATIVE PIPE UNDERDRAIN
ARS	ACCELERATION RESPONSE SPECTRUM
AR	ACCESS RESTRICTION
AS	AGGREGATE SUBBASE
ASRP	ALUMINUM SPIRAL RIB PIPE
ASSY	ASSEMBLY
ATC	AUTOMATIC TRAIN CONTROL
ATPB	ASPHALT TREATED PERMEABLE BASE
ATPM	ASPHALT TREATED PERMEABLE MATERIAL
AVE	AVENUE
AVG	AVERAGE
@	AT

B

BAGR	BRIDGE APPROACH GUARD RAILING
BB	BEGINNING OF BRIDGE
BC	BEGIN HORIZONTAL CURVE
BCC	BALANCED CANTILEVER CONSTRUCTION
BCR	BEGIN CURB RETURN
BEG	BEGIN
BIT CTD	BITUMINOUS COATED
BK	BACK
BKF	BACKFILL
BLDG	BUILDING
BLM	BRIDGE-LOG MILE
BLVD	BOULEVARD
BM	BENCH MARK
BND	BOUND
BNSF	BURLINGTON NORTH & SANTA FE
BOT	BOTTOM
BR	BRIDGE
BRG	BEARING
BTU	BRITISH THERMAL UNIT
BVC	BEGIN VERTICAL CURVE
BW	BARBED WIRE

C

CAA	CABLE ANCHOR ASSEMBLY
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CAS	CONSTRUCTION AREA SIGN
CB	CONCRETE BARRIER
CBW	CONCRETE BLOCK WALL
C-C	CENTER TO CENTER
CHSRA	CALIFORNIA HIGH SPEED RAIL AUTHORITY
CHST	CALIFORNIA HIGH SPEED TRAIN
CHSR	CALIFORNIA HIGH SPEED RAIL
CG	CENTER OF GRAVITY
CHNL	CHANNEL
CI	CAST IRON
CIDH	CAST-IN-DRILLED-HOLE
CIP,C-I-P	CAST-IN-PLACE, CAST IRON PIPE
CIPCP	CAST IN PLACE CONCRETE PIPE
CISS	CAST-IN-STEEL-SHELL
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE, CLASS
CL2	CLASS 2
CL-6	CHAIN LINK FENCE (6 FT)
CLR	CLEAR, CLEARANCE
CM	CORRUGATED METAL
CMP	CORRUGATED METAL PIPE
CO	COUNTY
COL	COLUMN
CONC	CONCRETE
COND	CONDUIT
CONN	CONNECTOR
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CP	CANDLEPOWER
CR	CREEK
CRCP	CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP	CONCRETED ROCK SLOPE PROTECTION
CS	CURVE TO SPIRAL
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CTB	CEMENT TREATED BASE
CTPB	CEMENT TREATED PERMEABLE BASE
CTPM	CEMENT TREATED PERMEABLE MATERIAL
CTRS	CENTERS
CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD
CULV	CULVERT
℄	CENTERLINE

D

D	DEPTH
DD	DOWNDRAIN, DIRECTIVE DRILLING
DBL	DOUBLE
DEG	DEGREE
DEL	DELINEATOR
DET	DETAIL, DETOUR
DF	DOUGLAS FIR
DI	DRAINAGE INLET, DROP INLET
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIST	DISTANCE, DISTRICT
DMBB	DOUBLE METAL BEAM BARRIER
DR	DRIVE
DTBB	DOUBLE THRIE BEAM BARRIER
DWP	DEPARTMENT OF WATER AND POWER
DWY	DRIVEWAY

E

E	EAST, EASTING
EA	ACTUAL SUPERELEVATION
EU	UNBALANCED SUPERELEVATION
EASE	EASEMENT
EB	END OF BRIDGE, EASTBOUND
EC	END HORIZONTAL CURVE
ECR	END CURB RETURN
ED	EDGE DRAIN
EDC	EDGE DRAIN CLEANOUT
EDO	EDGE DRAIN OUTLET
EDV	EDGE DRAIN VENT
ELEC	ELECTROLIER
ELECT	ELECTRIC
ELEV	ELEVATION
EMB	EMBANKMENT
ENGR	ENGINEER
EOD	EDGE OF DECK
EP	EDGE OF PAVEMENT
EQ	EQUATION, EQUAL
ES	EDGE OF SHOULDER
ETW	EDGE OF TRAVELED WAY
EVC	END VERTICAL CURVE
EW	ENDWALL
EXC	EXCAVATION
EXIST, EX.	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXWY	EXPRESSWAY
EXT	EXTERIOR

F

F & C	FRAME AND COVER
F & G	FRAME AND GRATE
FB	FLOOR BEAM
F-B	FRESNO TO BAKERSFIELD
FDN	FOUNDATION
FEBT	FACING EASTBOUND TRAFFIC
FES	FLARED END SECTION
FF	FILTER FABRIC
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIG	FIGURE
FL	FLOW LINE
FNBT	FACING NORTHBOUND TRAFFIC
FOC	FACE OF CONCRETE
FR RD	FRONTAGE ROAD
FS	FAR SIDE, FINISHED SURFACE
FSBT	FACING SOUTHBOUND TRAFFIC
FT	FOOT, FEET
FTG	FOOTING
FWBT	FACING WESTBOUND TRAFFIC
FWY	FREEWAY
FPLM	FULL SPAN PRECAST LAUNCHING METHOD

G

G	ACCELERATION DUE TO GRAVITY
GA	GAGE
GALV	GALVANIZED
GP	GRADING PLANE
GR	GUARD RAILING
GSP	GALVANIZED STEEL PIPE
GTR	GUTTER

H

H	HEIGHT
HR	HOUR
HD	HORIZONTAL DRAIN
HDC	HIGH DESERT CORRIDOR
HDWL	HEADWALL
HEX HD	HEXAGONAL HEAD
HMA	HOT MIXED ASPHALT
HORIZ	HORIZONTAL
HP	HINGE POINT, HORSEPOWER
HPS	HIGH PERFORMANCE STEEL
HS	HIGH STRENGTH
HST	HIGH SPEED TRAIN
HSR	HIGH SPEED RAIL
HV	HIGH VOLTAGE
HW	HEADWALL, HIGH WATER
HWM	HIGH WATER MARK
HWY	HIGHWAY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
ABBREVIATIONS
SHEET 1 OF 3

CONTRACT NO. HSR13-44
DRAWING NO. MY-B0003
SCALE AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B0003
11/7/2017 11:29:09 AM
QIC.ADodge

I

IB	IMPORTED BORROW
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH, INCHES
INT	INTERIOR
INV	INVERT
IRR	IRRIGATION

J

JCT	JUNCTION
JP	JOINT POLE
JPCP	JOINTED PLAIN CONCRETE PAVEMENT
JS	JUNCTION STRUCTURE
JT	JOINT

K

K	DISTANCE TO ACHIEVE 1% GRADE CHANGE

L

L	LENGTH
LAT	LATITUDE
LCB	LEAN CONCRETE BASE
LGA	LOCALLY GENERATED ALTERNATIVE
LMF	LIGHT MAINTENANCE FACILITY
LN	LANE
LOC	LOCATION
LOL	LAYOUT LINE
LONG	LONGITUDE
LONGIT	LONGITUDINAL
LS	LENGTH OF SPIRAL
LC	LENGTH OF CURVE
LT	LEFT
LV	LOW VOLTAGE

M

MAINT	MAINTENANCE
MAX	MAXIMUM
MB	METAL BEAM
MBB	METAL BEAM BARRIER
MBGR	METAL BEAM GUARD RAILING
MED	MEDIAN
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MISC I & S	MISCELLANEOUS IRON AND STEEL
MKR	MARKER
M/L	MAIN LINE (RAILWAY)
MOD	MODIFIED, MODIFY
MON	MONUMENT
MOIF	MAINTENANCE OF INFRASTRUCTURE FACILITY
MOIS	MAINTENANCE OF INFRASTRUCTURE SIDING
MP	METAL PLATE

M CONTINUED

MPGR	METAL PLATE GUARD RAILING
MPH	MILES PER HOUR
MR	MOVEMENT RATING
MSE	MECHANICALLY STABILIZED EARTH
MTL	MATERIAL
MSS	MOVING SCAFFOLDING SYSTEM

N

N	NORTH, NORTHING
NB	NORTHBOUND
NO.	NUMBER (MUST HAVE PERIOD)
NOS.	NUMBERS (MUST HAVE PERIOD)
NPS	NOMINAL PIPE SIZE
NS	NEAR SIDE
NTS	NOT TO SCALE
N/A	NOT APPLICABLE

O

OBLR	OBLITERATE
OC	OVERCROSSING
OCS	OVERHEAD CONTACT SYSTEM
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OG	ORIGINAL GROUND
OGAC	OPEN GRADED ASPHALT CONCRETE
OH	OVERHEAD
O-O	OUT TO OUT
OPP	OPPOSITE

P

P	PAGE
PAP	PERFORATED ALUMINUM PIPE
PB	PULL BOX, PALMDALE TO BURBANK
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
PCVC	POINT OF COMPOUND VERTICAL CURVE
PED	PEDESTRIAN
PED OC	PEDESTRIAN OVERCROSSING
PED UC	PEDESTRIAN UNDERCROSSING
PERM MTL	PERMEABLE MATERIAL
PG	PROFILE GRADE
PG&E	PACIFIC GAS AND ELECTRIC
PI	POINT OF INTERSECTION
PJP	PARTIAL JOINT PENETRATION
ℙ,PL	PLATE
P/L	PROPERTY LINE
PM	POST MILE, TIME FROM NOON TO MIDNIGHT
PN	PAVING NOTCH

P CONTINUED

POB	POINT OF BEGINNING
POC	POINT OF HORIZONTAL CURVE
POE	POINT OF ENDING
POT	POINT OF TANGENT
POVC	POINT OF VERTICAL CURVE
PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPEF	PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
PPL	PREFORMED PERMEABLE LINER
PPP	PERFORATED PLASTIC PIPE
PRC	POINT OF REVERSE CURVE
PRF	PAVEMENT REINFORCING FABRIC
PROP	PROPOSED
PRVC	POINT OF REVERSE VERTICAL CURVE
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS, P/S	PRESTRESSED, PARALLELING STATION
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY
PTEF	PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
PTSW	POINT OF TRACK SWITCH
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVP	MAINTENANCE VEHICLE PULLOUT

Q

QTY	QUANTITY

R

R	RADIUS
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE
R/C	RATE OF CHANGE
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RD	ROAD
REINF	REINFORCED, REINFORCEMENT, REINFORCING
REL	RELOCATE
REPL	REPLACEMENT
RET	RETAINING
REV	REVISED
RDWY	ROADWAY
RM	ROAD-MIXED
RP	RADIUS POINT, REFERENCE POINT
RR	RAILROAD
RSP	ROCK SLOPE PROTECTION
RT	RIGHT
RTE	ROUTE
RW	REDWOOD, RETAINING WALL

R CONTINUED

R/W	RIGHT OF WAY
RWY	RAILWAY

S

S	SOUTH, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
SALV	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND
SC	SPIRAL TO CURVE
SCE	SOUTHERN CALIFORNIA EDISON
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
SEC	SECOND
SECT	SECTION
SEP	SEPARATION
SG	SUBGRADE
SHLD	SHOULDER
SHT	SHEET
SIM	SIMILAR
S	STATION LINE
SM	SELECTED MATERIAL
SPEC	SPECIAL, SPECIFICATIONS
SPP	SLOTTED PLASTIC PIPE
SS	SLOPE STAKE, SPIRAL TO SPIRAL, SUPPLY STATION
SSBM	STRAP AND SADDLE BRACKET METHOD
SSD	STRUCTURAL SECTION DRAIN
SSPA	STRUCTURAL STEEL PLATE ARCH
SSPP	STRUCTURAL STEEL PLATE PIPE
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH
SSRP	STEEL SPIRAL RIB PIPE
SR	STATE ROUTE
ST	STREET, SPIRAL TO TANGENT
STA	STATION
STBB	SINGLE THRIE BEAM BARRIER
STD	STANDARD
STR	STRUCTURE
SRS	STAND ALONE RADIO SITE
SURF	SURFACING
SW	SIDEWALK, SOUND WALL
SWR	SEWER
SWS	SWITCHING STATION
SYM	SYMMETRICAL
S4S	SURFACE 4 SIDES
SJVR	SAN JOAQUIN VALLEY RAILROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T-Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
ABBREVIATIONS
SHEET 2 OF 3

CONTRACT NO. HSR13-44
DRAWING NO. MY-B0004
SCALE AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B0004
11/7/2017 11:29:49 AM
QIC.ADodge

T

T	SEMI-TANGENT
TAB	TABLET
TAN	TANGENT
TBB	THRIE BEAM BARRIER
TBR	TIMBER
TC	TOP OF CURB, TANGENT TO CURVE
TCB	TRAFFIC CONTROL BOX
TEL	TELEPHONE
TEMP	TEMPORARY
TG	TOP OF GRADE
TM	TECHNICAL MEMORANDUM
TOT	TOTAL
TP	TRACTION POWER, TUNNEL PORTAL
TPB	TREATED PERMEABLE BASE
TPM	TREATED PERMEABLE MATERIAL
TRANS	TRANSITION, TRANSVERSE
TS	TRAFFIC SIGNAL, TUBULAR STEEL, TANGENT TO SPIRAL
TOR	TOP OF RAIL
TYP	TYPICAL

U

UC	UNDERCROSSING
UD	UNDERDRAIN
UON	UNLESS OTHERWISE NOTED
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE

V

V	VALVE, DESIGN SPEED
VAR	VARIABLE
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VIA	VIADUCT
VOL	VOLUME

W

W	WEST, WIDTH
WB	WESTBOUND
WH	WEEP HOLE
WM	WIRE MESH
WS	WATER SURFACE
WSP	WELDED STEEL PIPE
WT	WEIGHT
WV	WATER VALVE
WW	WINGWALL
WWLOL	WINGWALL LAYOUT LINE
W/	WITH

X

X SEC	CROSS SECTION
XING	CROSSING

Y

YR	YEAR
YRS	YEARS

Z

NOTE:

1. THESE ABBREVIATIONS ARE IN ADDITION TO TM 0.0A

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T.Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
ABBREVIATIONS
SHEET 3 OF 3

CONTRACT NO. HSR13-44
DRAWING NO. MY-B0005
SCALE AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B0005
11/7/2017 11:27:10 AM
QIC.ADodge

LEGEND:

PLAN

NORTH ARROW

VIADUCT

TUNNEL

PROPOSED RIGHT OF WAY

EXIST RIGHT OF WAY

LIMITS OF EXCAVATION (CUT)

LIMITS OF EMBANKMENT (FILL)

FAULT ZONE

EXIST RETAINING WALL

PPEF

PROPOSED COLUMN

PROPOSED FENCE

PROPOSED PHASE BREAK

PROPOSED RETAINING WALL

PROPOSED TUNNEL

PTEF

PROPOSED TURNOUT

SRS — STANDALONE RADIO SITE

A — TRAIN CONTROL SYSTEM SITE A

B — TRAIN CONTROL SYSTEM SITE B

D — TRAIN CONTROL SYSTEM SITE D

E — TRAIN CONTROL SYSTEM SITE E

TRACK CROSSING PANEL

PLAN

SS — SUPPLY STATION

SW — SWITCHING STATION

PS — PARALLELING STATION

UTILITIES

-e— -e— EXISTING ELECTRICAL TRANSMISSION

EXISTING ELECTRICAL TRANSMISSION TOWER

-E— -E— PROPOSED TRACTION POWER SUPPLY LINE

-gs— -gs— EXISTING GAS LINE

-sd— -sd— EXISTING STORM DRAIN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

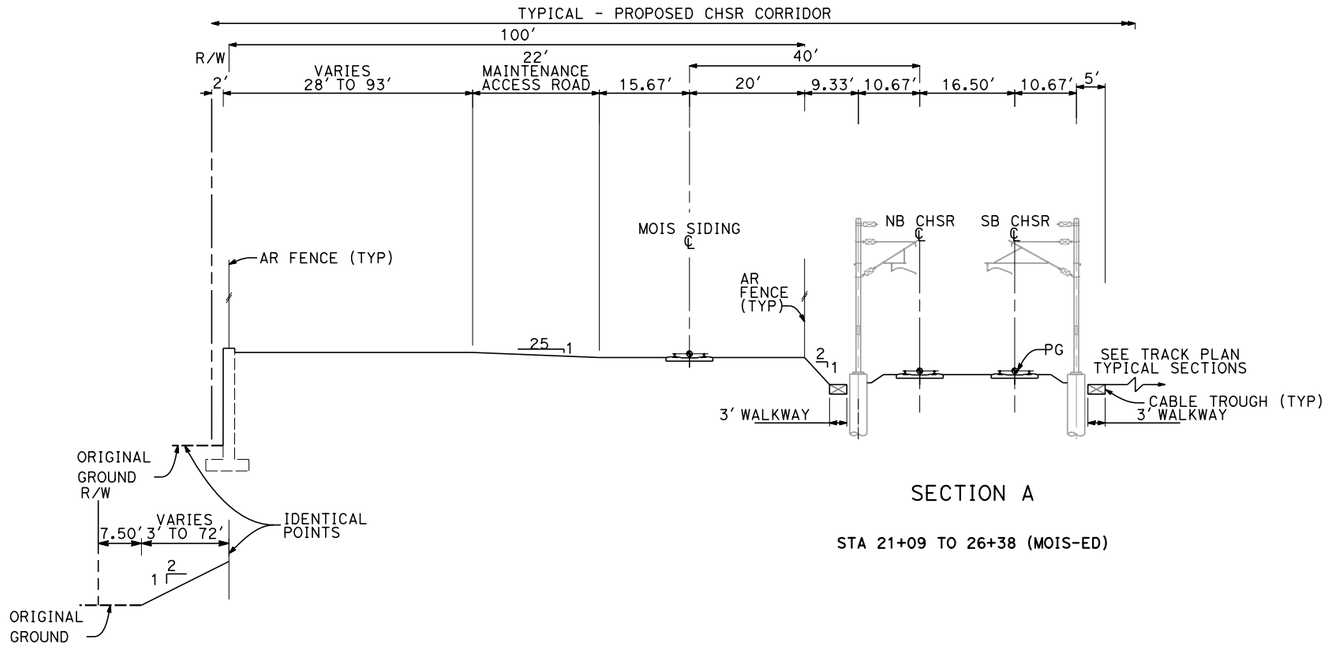
T·Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
SYMBOLS, LEGEND, AND GENERAL NOTES
SHEET 1 OF 1

CONTRACT NO. HSR13-44
DRAWING NO. MY-B0006
SCALE AS SHOWN
SHEET NO.

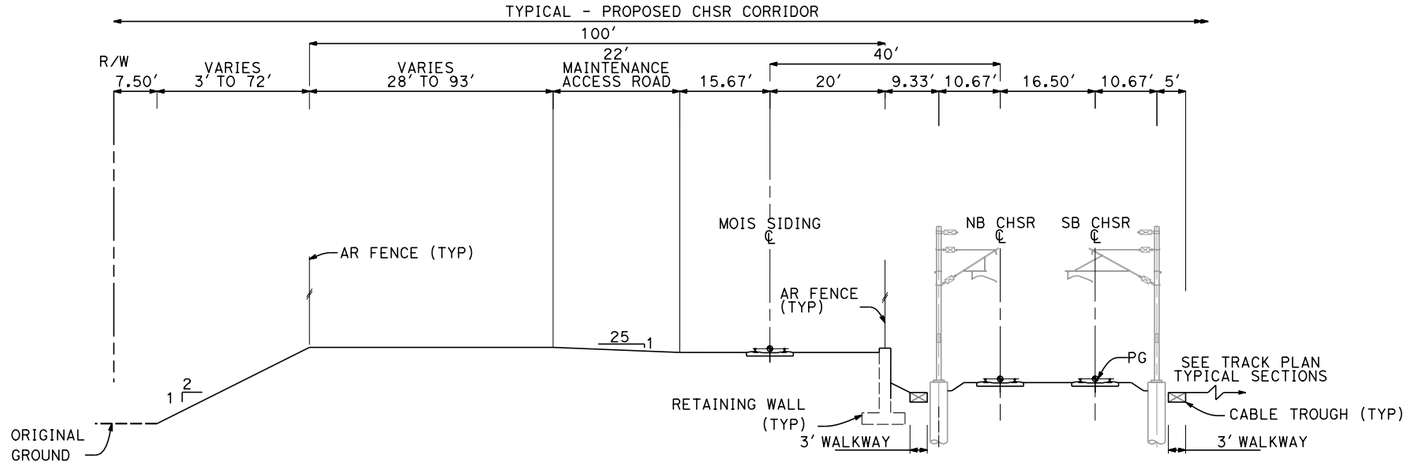
Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B0006
11/7/2017 11:28:15 AM
QIC.ADodge



SECTION A

STA 21+09 TO 26+38 (MOIS-ED)

STA 60+60 TO 65+63 (MOIS-ED)



SECTION B

STA 29+40 TO 60+60 (MOIS-ED)

10 0 10 20
1"=10'

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T-Y LIN INTERNATIONAL

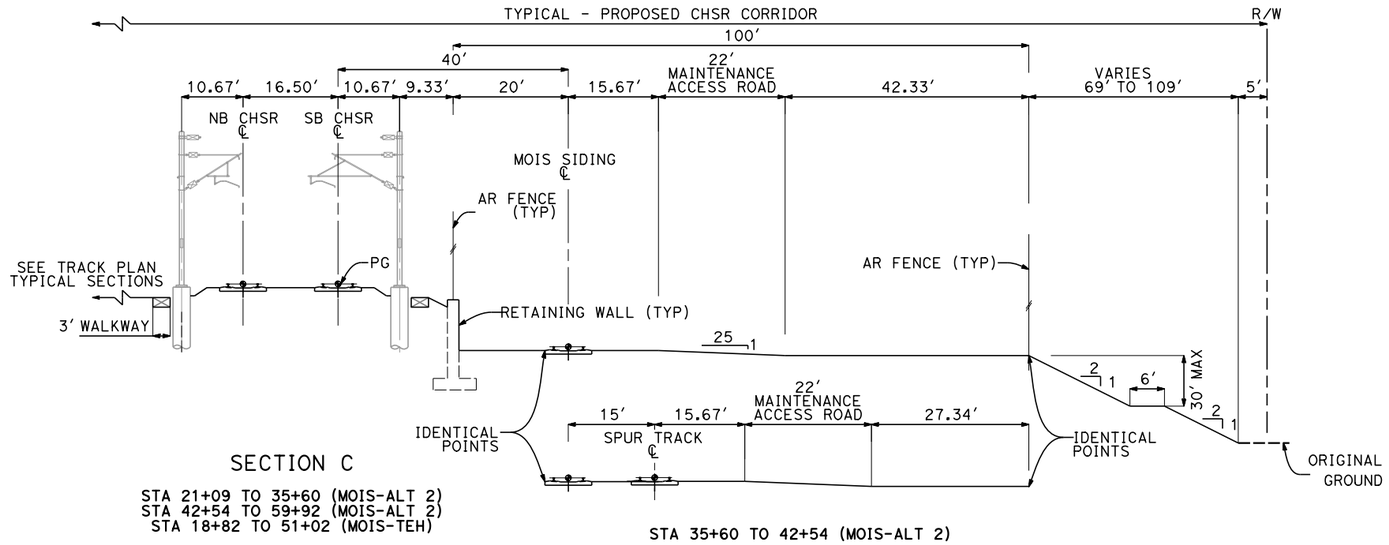
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 1 OF 3

CONTRACT NO. HSR13-44
DRAWING NO. MY-B3001
SCALE AS SHOWN
SHEET NO.

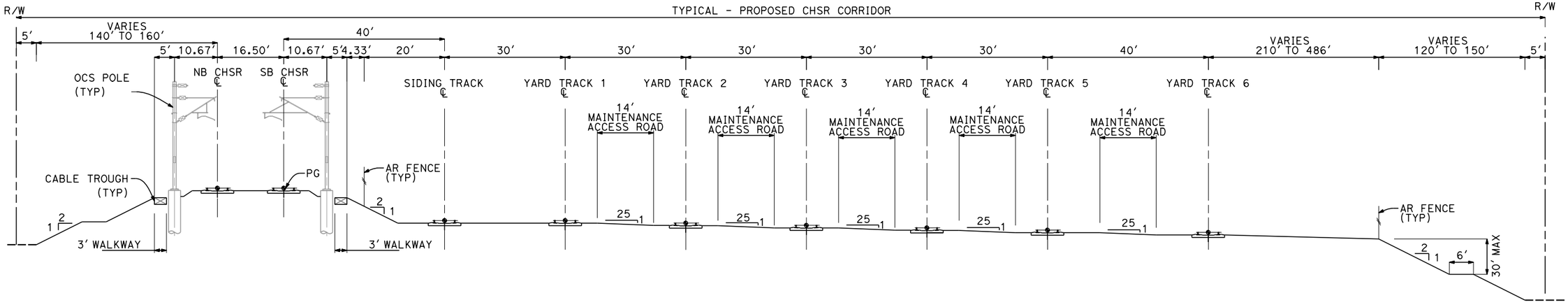
Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B3001
11/7/2017 11:15:37 AM
QIC.ADodge



SECTION C

STA 21+09 TO 35+60 (MOIS-ALT 2)
STA 42+54 TO 59+92 (MOIS-ALT 2)
STA 18+82 TO 51+02 (MOIS-TEH)

STA 35+60 TO 42+54 (MOIS-ALT 2)



SECTION D

STA 137+27 TO 156+69 (MOIF LEAD)

10 0 10 20
1"=10'

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T·Y LIN INTERNATIONAL

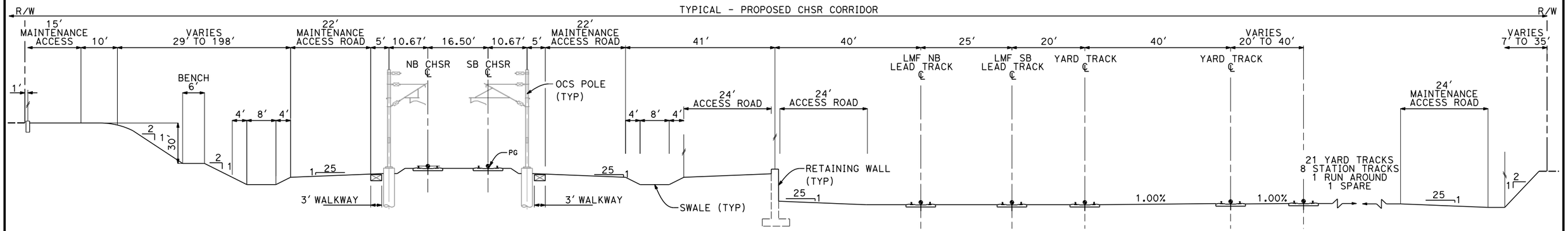
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 2 OF 3

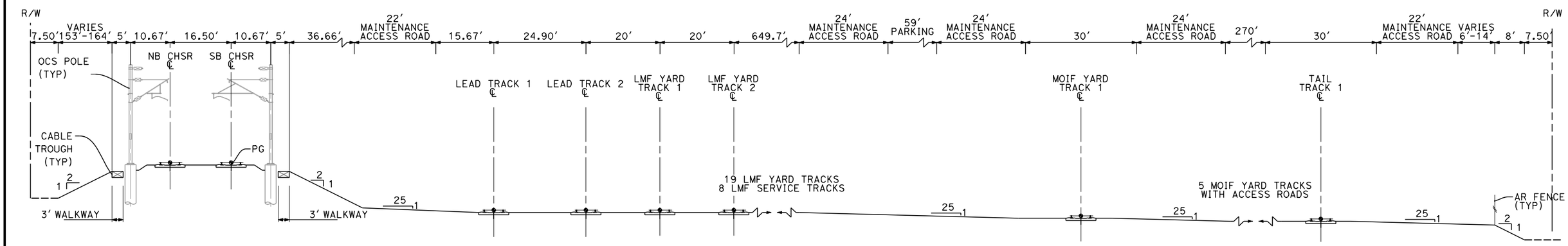
CONTRACT NO. HSR13-44
DRAWING NO. MY-B3002
SCALE AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B3002
11/7/2017 11:15:41 AM
QIC:ADodge



SECTION E

STA 107+50 TO 175+00 (LMF SB LEAD)



SECTION F

STA 119+00 TO 137+00 (MOIF-LMF LEAD)

10 0 10 20
1"=10'

REV	DATE	BY	CHK	APP	DESCRIPTION

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

T-Y LIN INTERNATIONAL

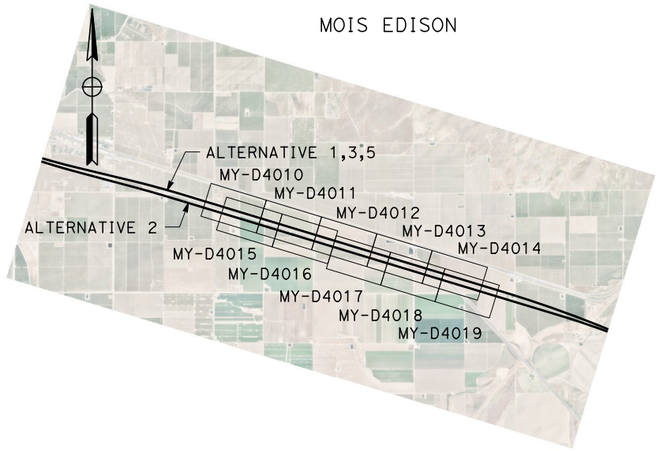
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

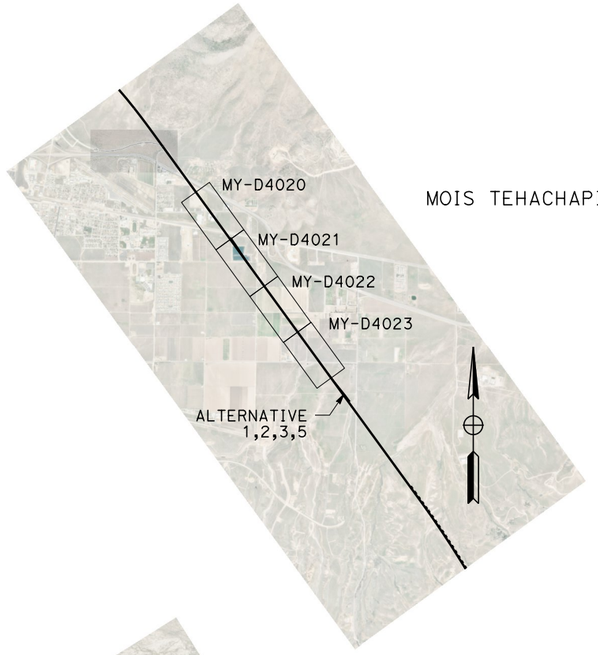
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

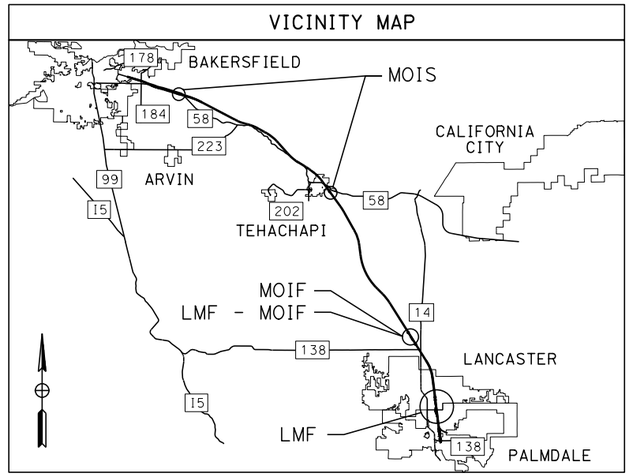
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 3 OF 3

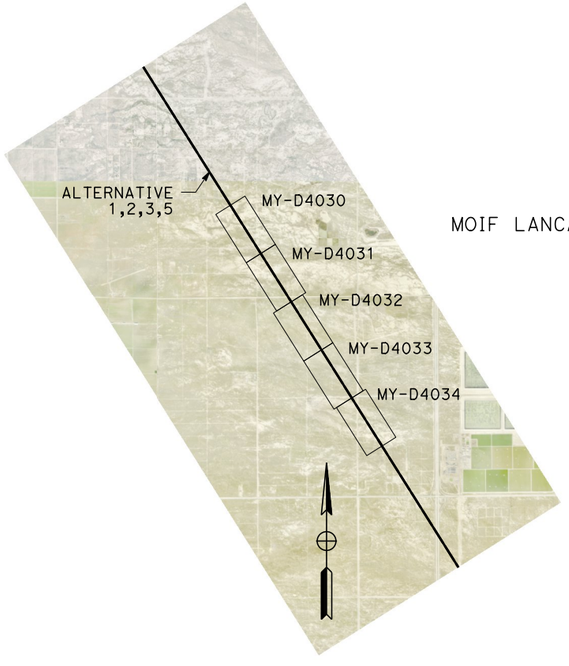
CONTRACT NO. HSR13-44
DRAWING NO. MY-B3003
SCALE AS SHOWN
SHEET NO.

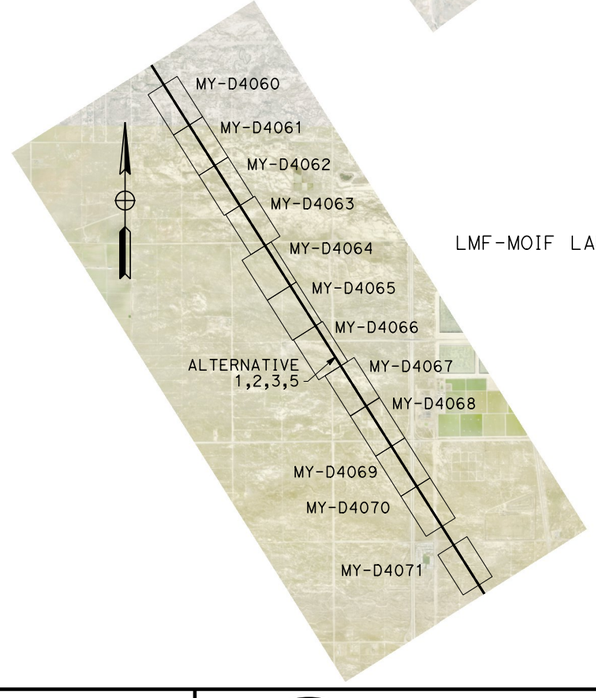
Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-B3003
11/7/2017 11:19:54 AM
QIC.ADodge

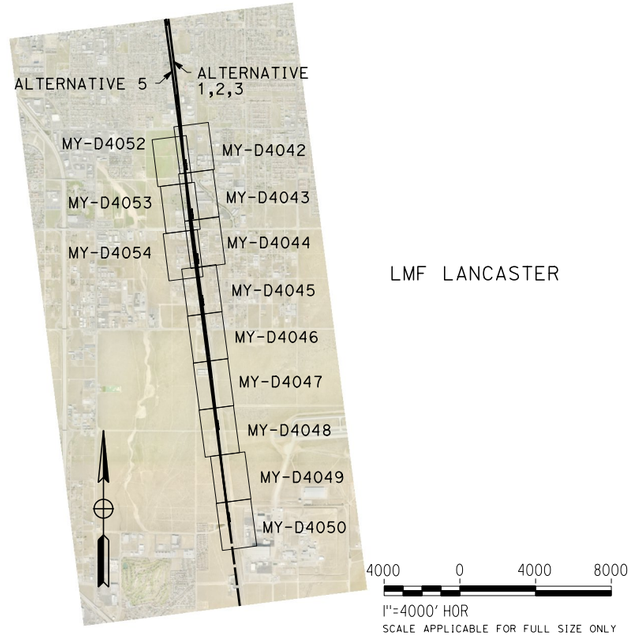












REV	DATE	BY	CHK	APP	DESCRIPTION

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

T·Y·LIN INTERNATIONAL

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
KEY MAP
SHEET 1 OF 1

CONTRACT NO. HSR13-44
DRAWING NO. MY-C6001
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:17 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-C6001.dgn QIC.ADodge

EDISON HWY

PTEF

PPEF

PROP CHSR R/W

CHSR STRUCTURE

℄ CHSR NB ALIGNMENT "ALT 1,3,5"

PTSW 17640+26.19
80 MPH CROSSOVER

MAINLINE CROSSOVER

NB SR 58

17620+00 17625+00 17630+00 17635+00 17640+00 17645+00

℄ CHSR SB ALIGNMENT "ALT 1,3,5"

SB SR 58

PROP CHSR R/W

PROP SR 58 RELOCATION

PROP ROADWAY STRUCTURE

COMANCHE DR

PPEF

PTEF

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

MATCH LINE CHSR STA 17647+06
SEE SHEET MY-D4011

PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

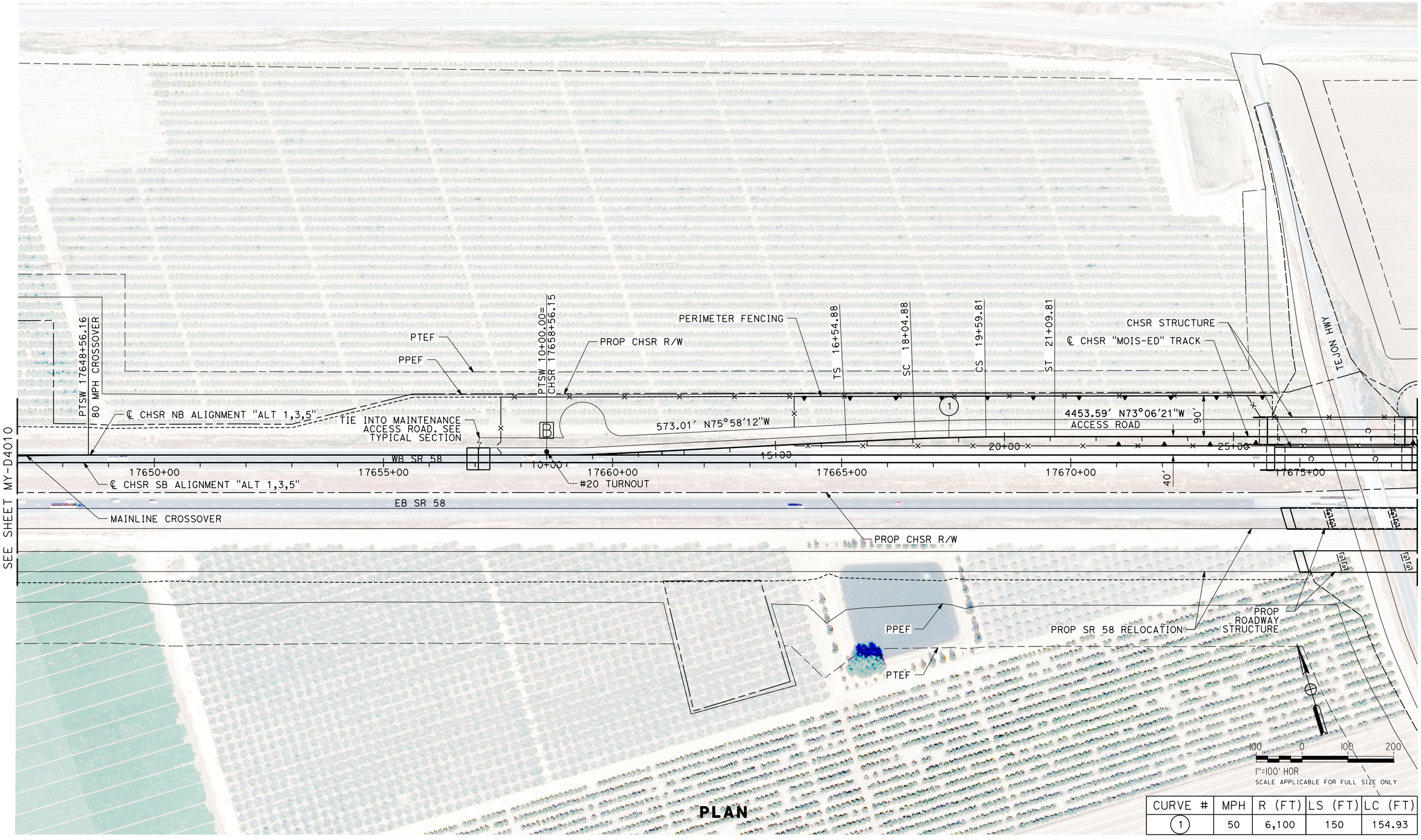
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4010
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:44:54 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4010
OIC:ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(1)	50	6,100	150	154.93

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

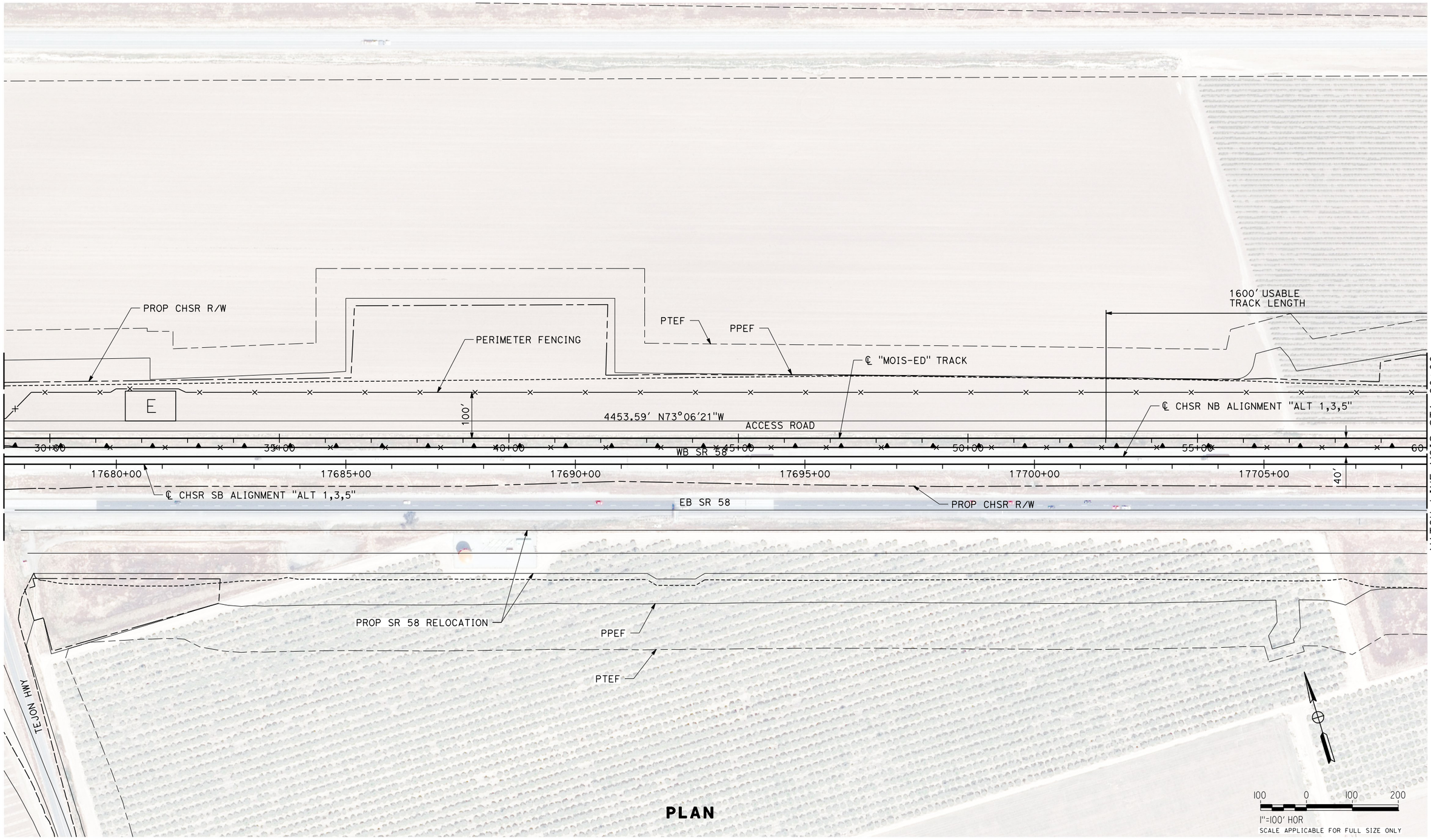
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4011
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:25:48 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4011
OIC:ADodge



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION
		BY			

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

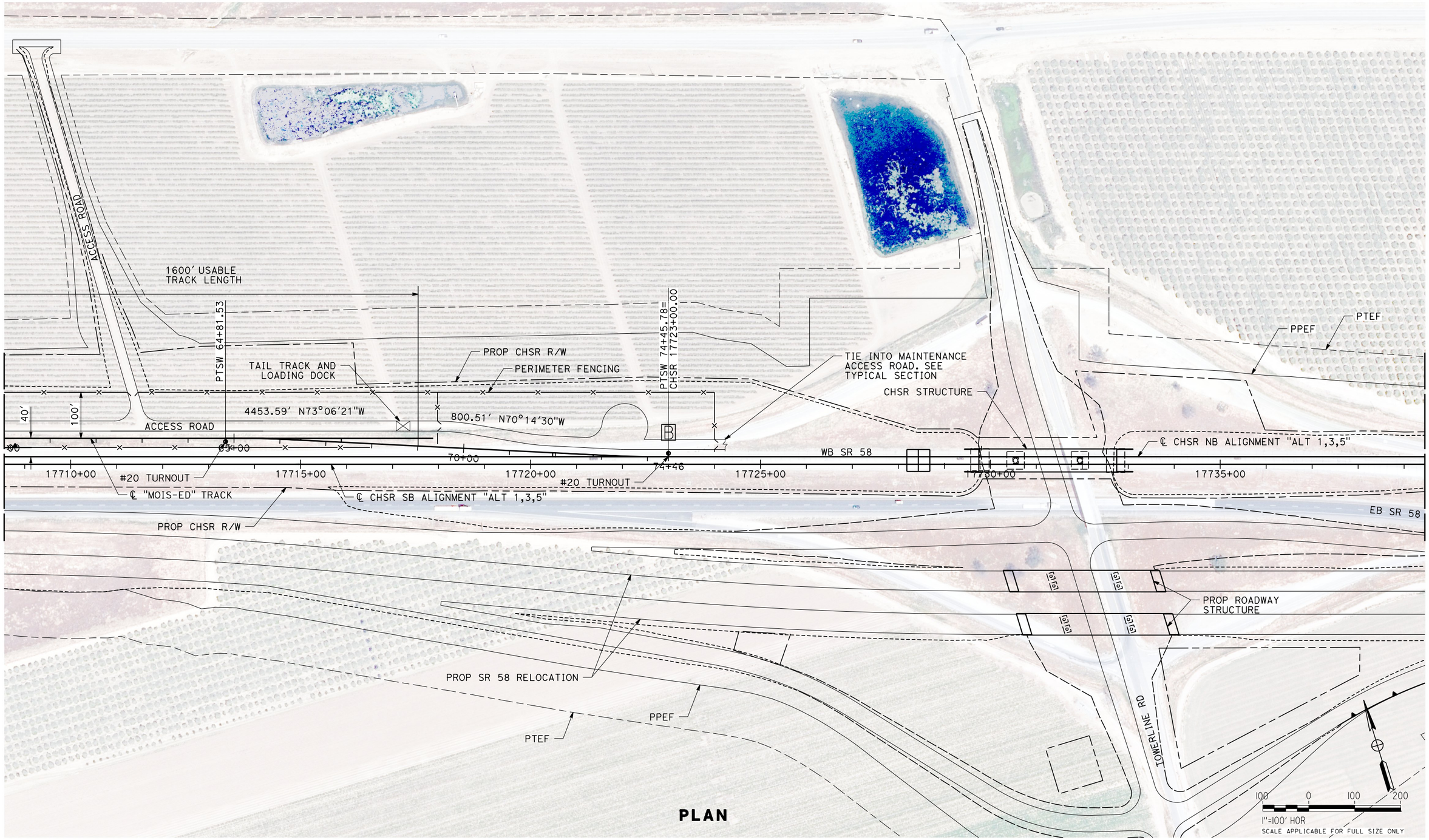
T·Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4012
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:24:27 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4012 QIC.ADodge



MATCH LINE MOIS STA 60+00
SEE SHEET MY-D4012

MATCH LINE CHSR STA 17739+45
SEE SHEET MY-D4014

PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

T·Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
MAINTENANCE FACILITY
MOIS - EDISON
PLAN SHEET 4 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4013
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:28 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4013
QIC.ADodge

MATCH LINE CHSR STA 17739+45
SEE SHEET MY-D4013

PTSW 17739+69.36
80 MPH CROSSOVER

PPEF

PTEF

MAINLINE CROSSOVER

PTSW 17747+99.33
80 MPH CROSSOVER

PROP CHSR R/W

℄ CHSR NB ALIGNMENT "ALT 1,3,5"

17740+00 17745+00 17750+00 17755+00 17760+00 17765+00 17770+0

℄ CHSR SB ALIGNMENT "ALT 1,3,5"

PROP CHSR R/W

WB SR 58

EB SR 58

PROP SR 58 RELOCATION

PPEF

PTEF

PROP PG&E TRACTION
POWER SUPPLY LINE

MULLER RD

E

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

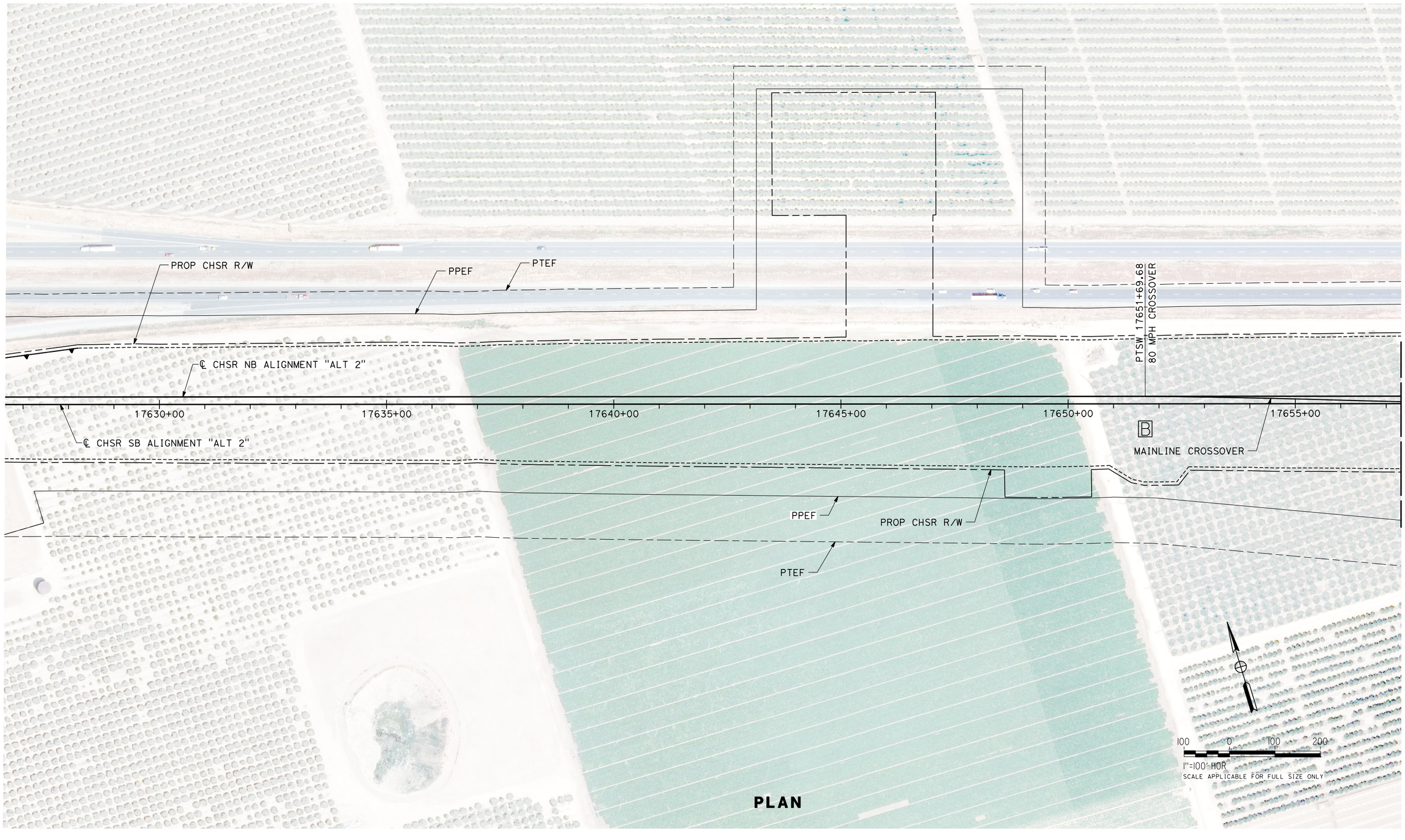
T·Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4014
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:19:55 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4014
QIC.ADodge



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD
PEPD
SUBMITTAL

NOT FOR CONSTRUCTION

T·Y·LIN INTERNATIONAL

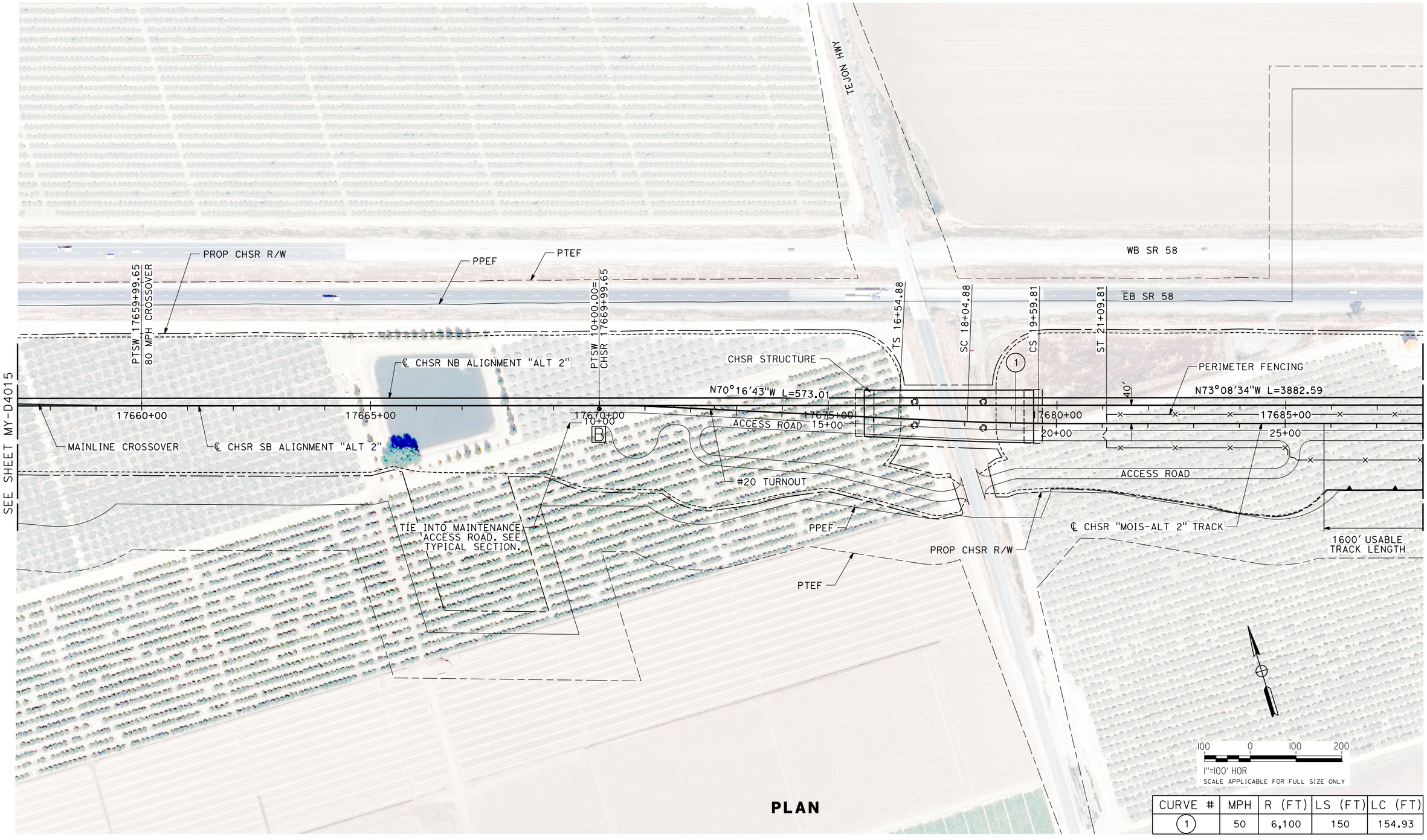
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PLAN SHEET 1 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4015
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:30:55 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4015 QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(1)	50	6,100	150	154.93

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

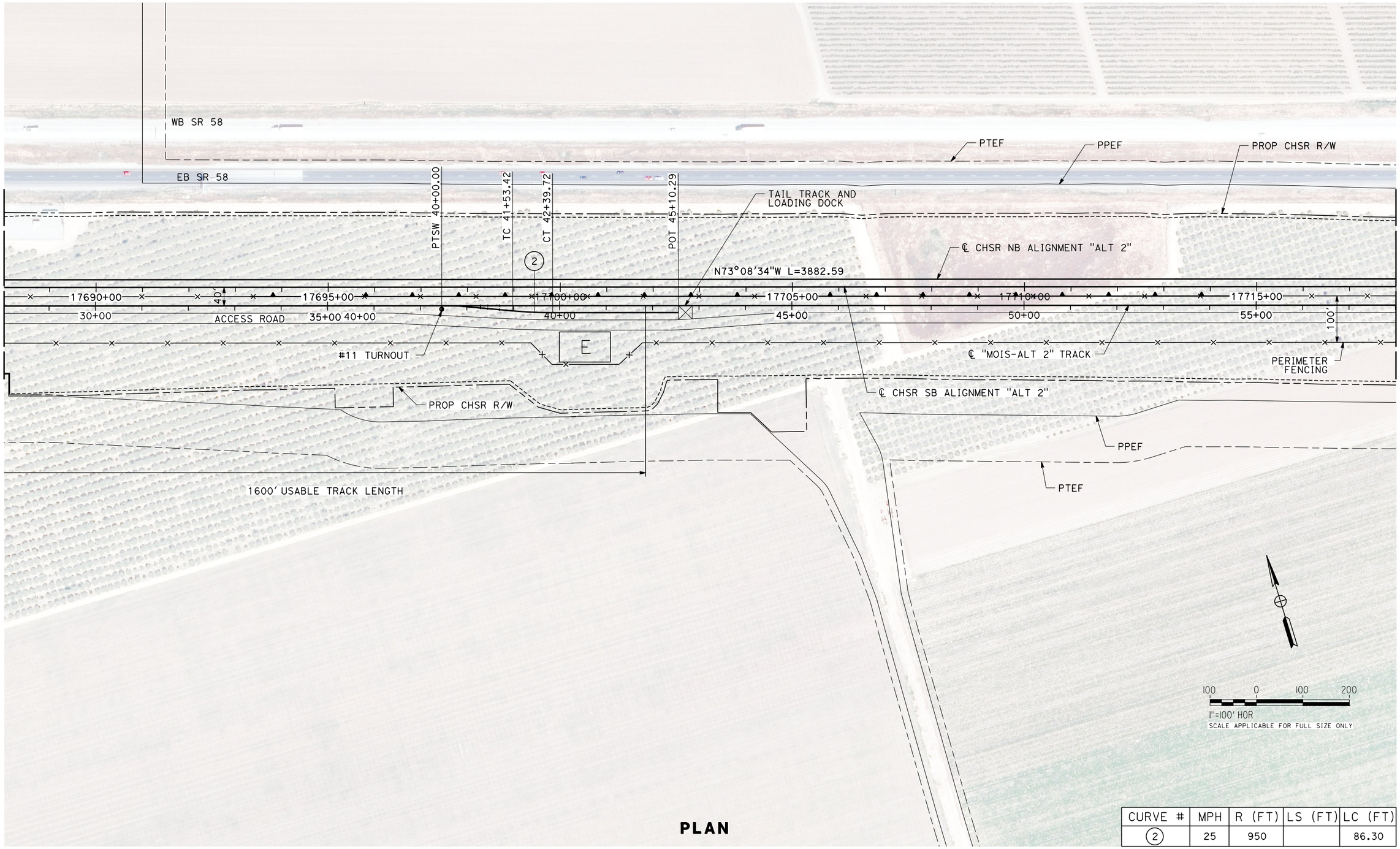
T-Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PLAN SHEET 2 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4016
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:19:49 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4016
QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(2)	25	950		86.30

REV	DATE	BY	CHK	APP	DESCRIPTION
		BY			

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

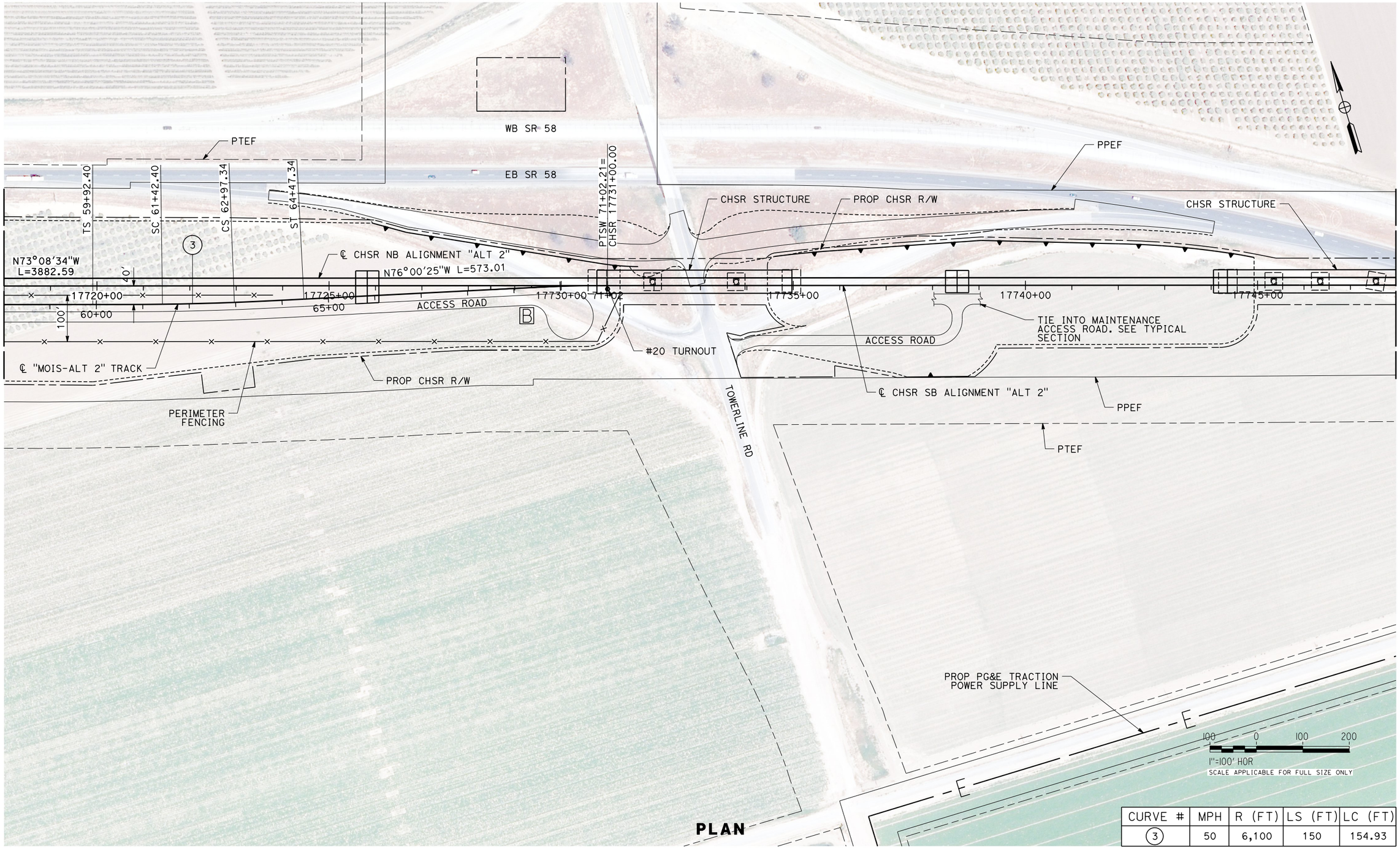
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4017
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:29:53 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4017 QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
3	50	6,100	150	154.93

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

T·Y·LIN INTERNATIONAL

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PLAN SHEET 4 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4018
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:16:34 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4018
QIC.ADodge

MATCH LINE CHSR STA 17747+97
SEE SHEET MY-D4018

CHSR STRUCTURE

PTSW 17758+00.00
80 MPH CROSSOVER

MAINLINE CROSSOVER

PROP CHSR R/W

PTSW 17766+29.97
80 MPH CROSSOVER

℄ CHSR NB ALIGNMENT "ALT 2"

℄ CHSR SB ALIGNMENT "ALT 2"

17750+00 17755+00 17760+00 17765+00 17770+00 17775+00

WB SR 58

EB SR 58

PROP CHSR R/W

PTEF

PPEF

MULLER RD

PPEF

PTEF

PROP PG&E TRACTION
POWER SUPPLY LINE

NEUMARKEL RD

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

T·Y·LIN INTERNATIONAL

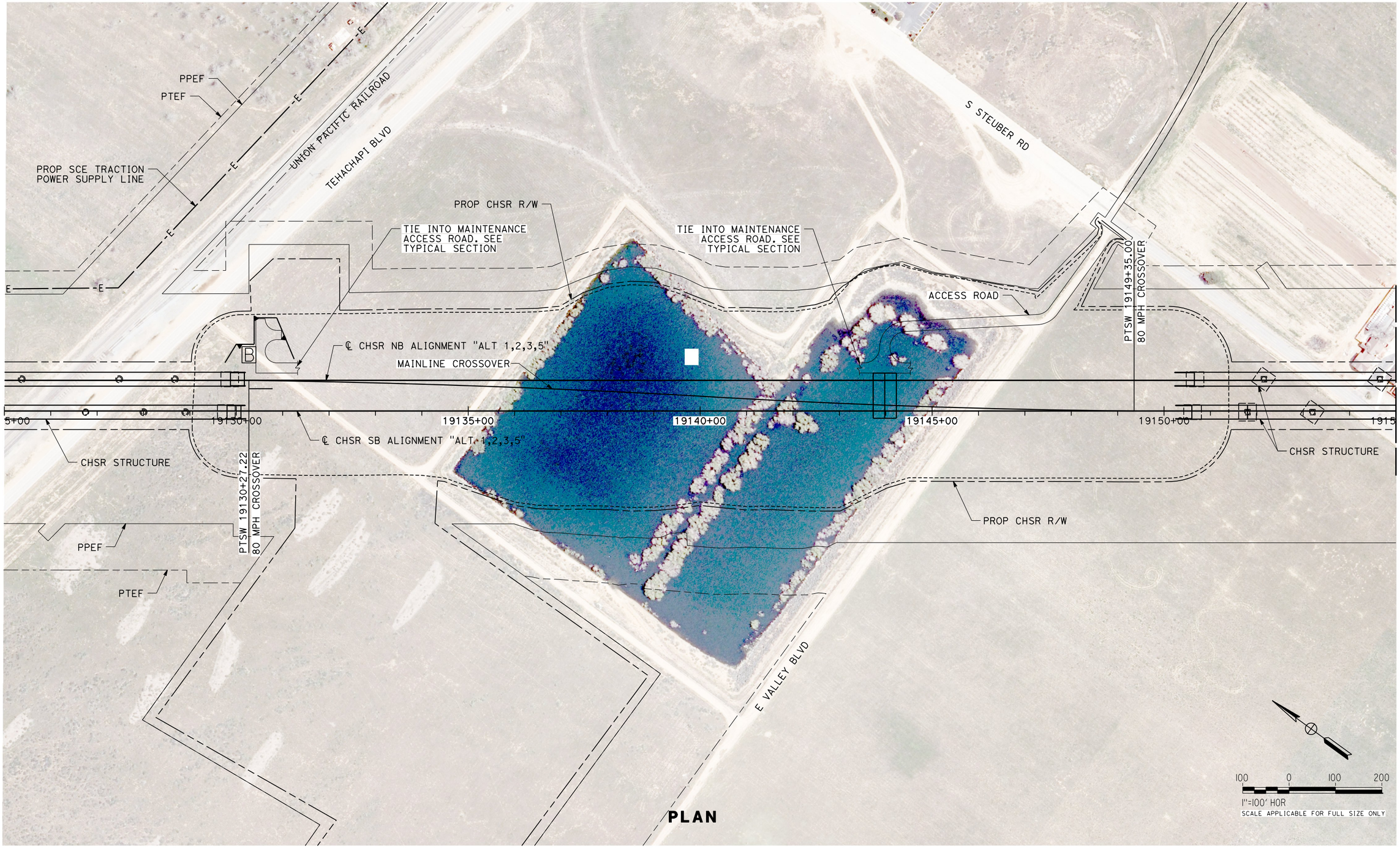
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 2
MAINTENANCE FACILITY
MOIS - EDISON
PLAN SHEET 5 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4019
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:26 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4019
QIC.ADodge



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

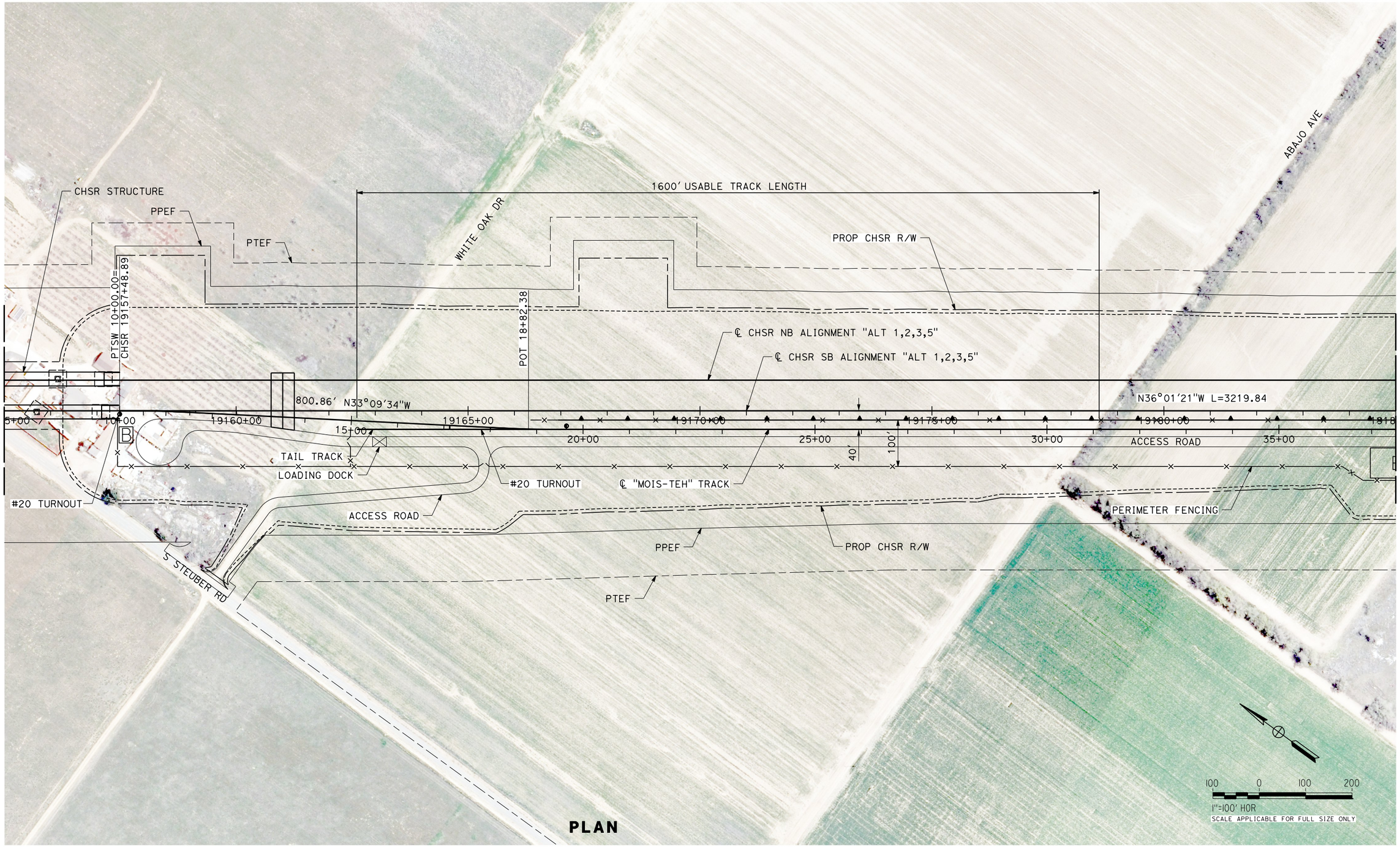
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOIS - TEHACHAPI
PLAN SHEET 1 OF 4

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4020
SCALE AS SHOWN
SHEET NO.

QIC.ADodge 11/7/2017 11:25:46 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4020



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY: S. LANDOLT
DRAWN BY: E. REVOLORIO
CHECKED BY: G. CAMPBELL
IN CHARGE: S. SMITH
DATE: 10/31/2017

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

T-Y LIN INTERNATIONAL

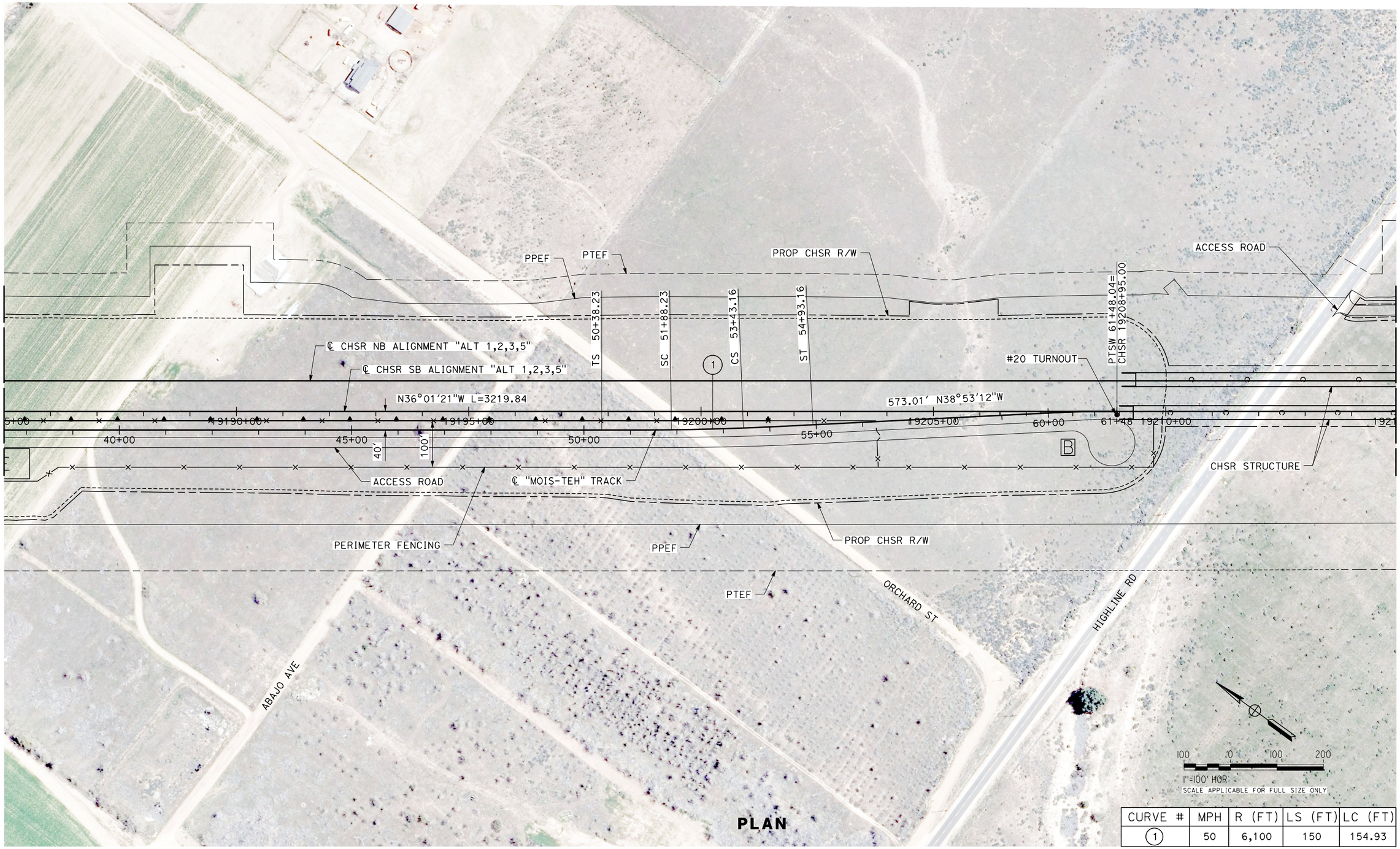
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOIS - TEHACHAPI
PLAN SHEET 2 OF 4

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4021
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:26 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4021 OIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
1	50	6,100	150	154.93

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

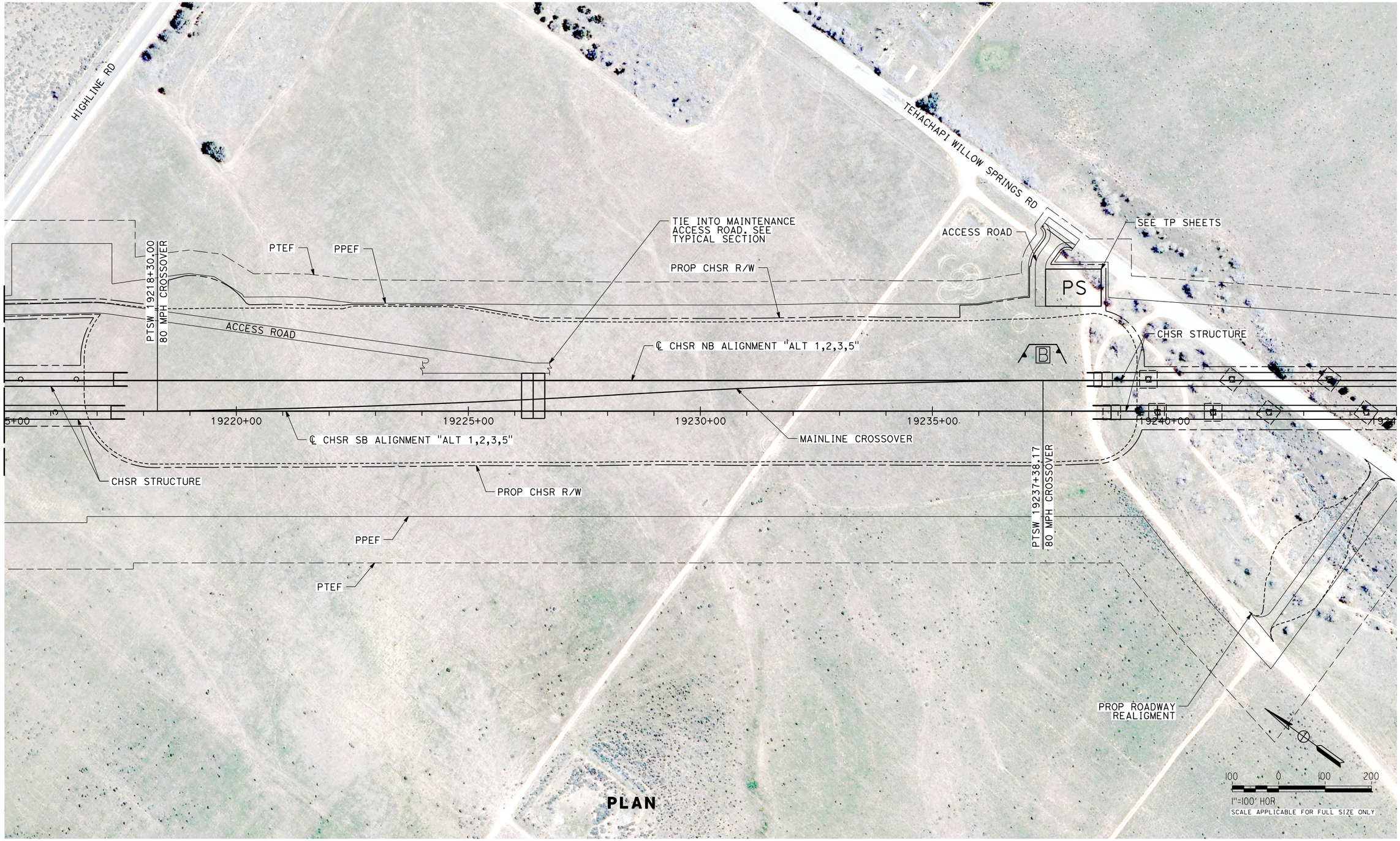
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOIS - TEHACHAPI
PLAN SHEET 3 OF 4

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4022
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:28 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4022
QIC.ADodge



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

T-Y LIN INTERNATIONAL

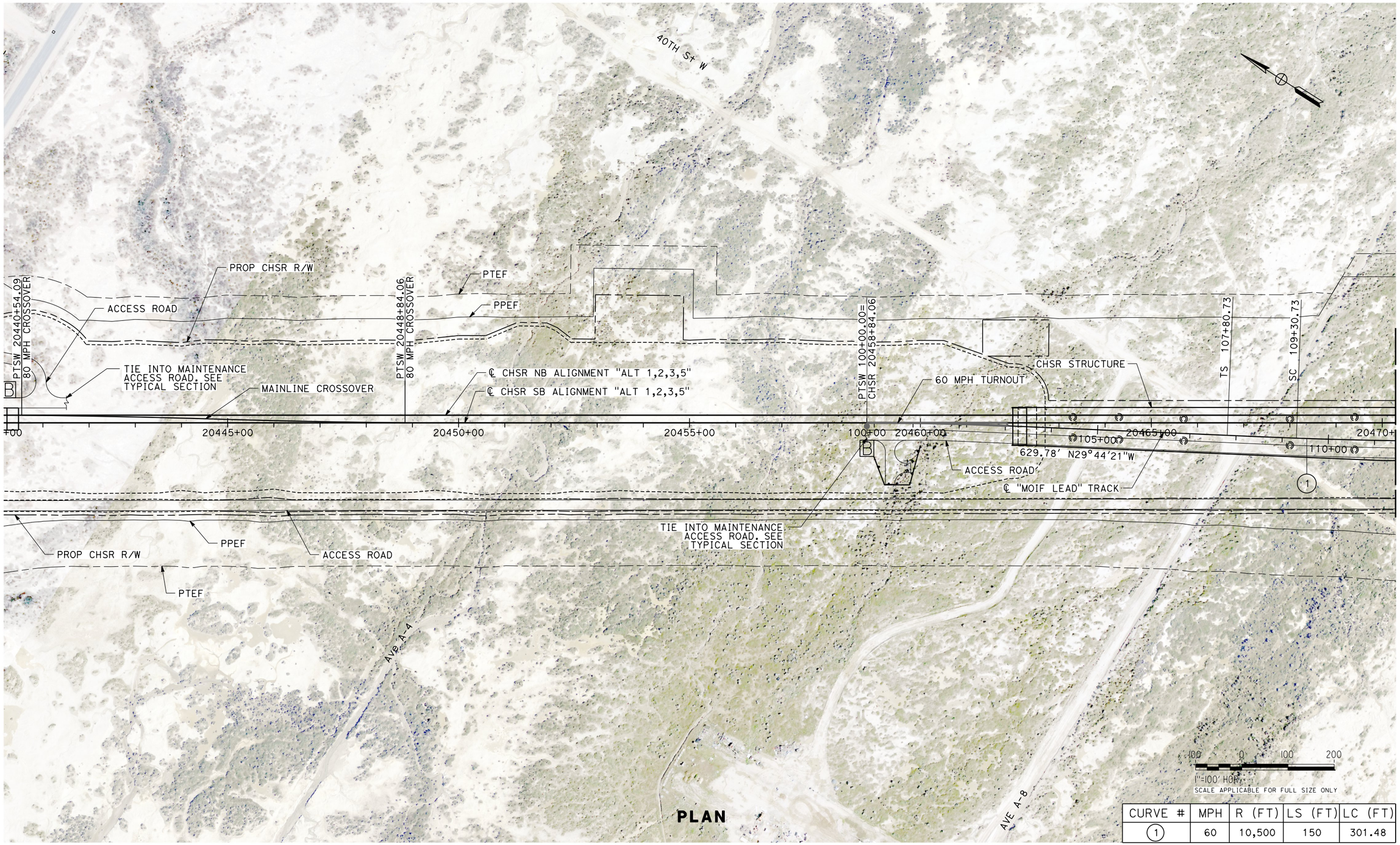
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOIS - TEHACHAPI
PLAN SHEET 4 OF 4

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4023
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:18:29 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4023 QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(1)	60	10,500	150	301.48

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

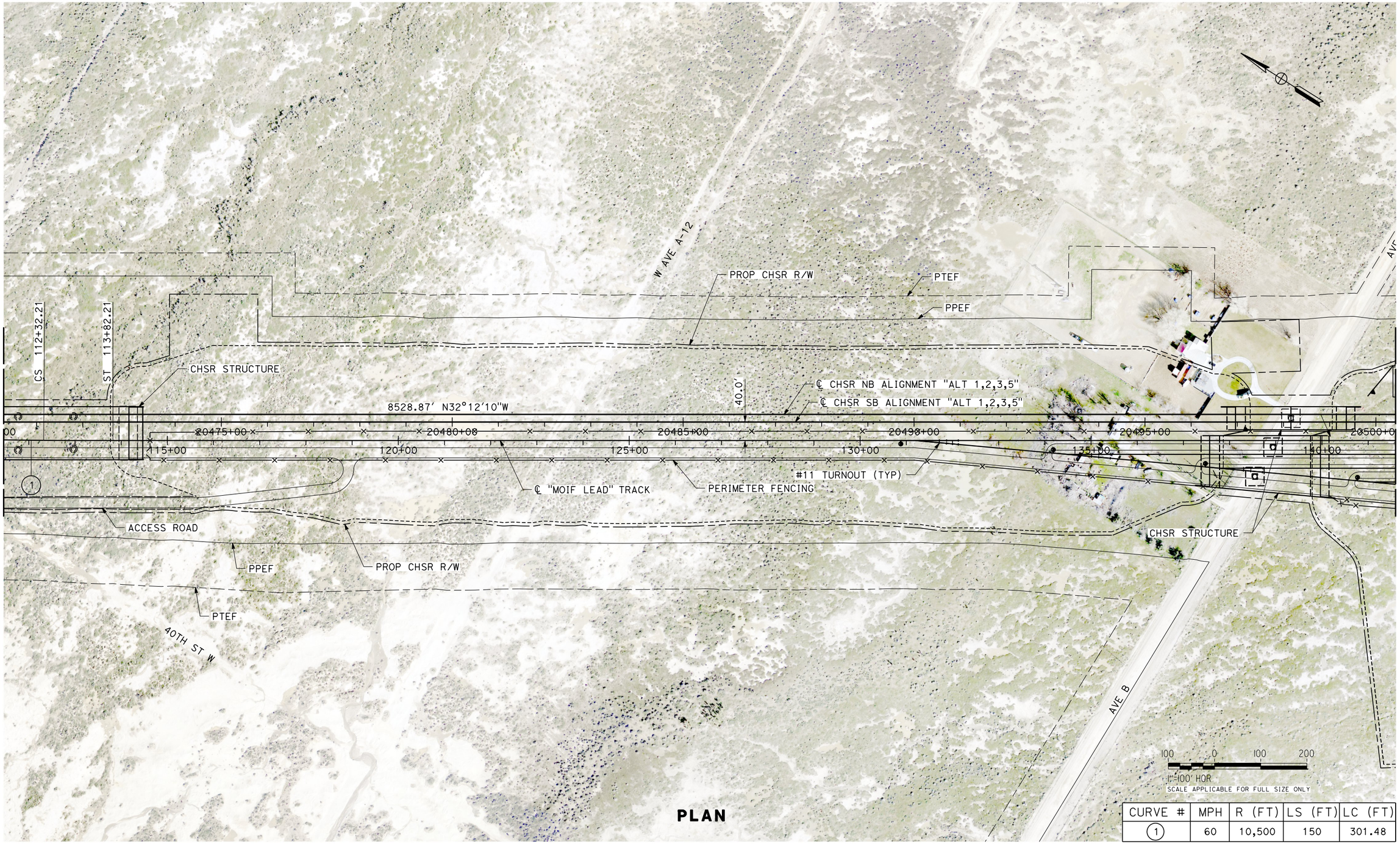
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4030
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:25:44 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4030
QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
1	60	10,500	150	301.48

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

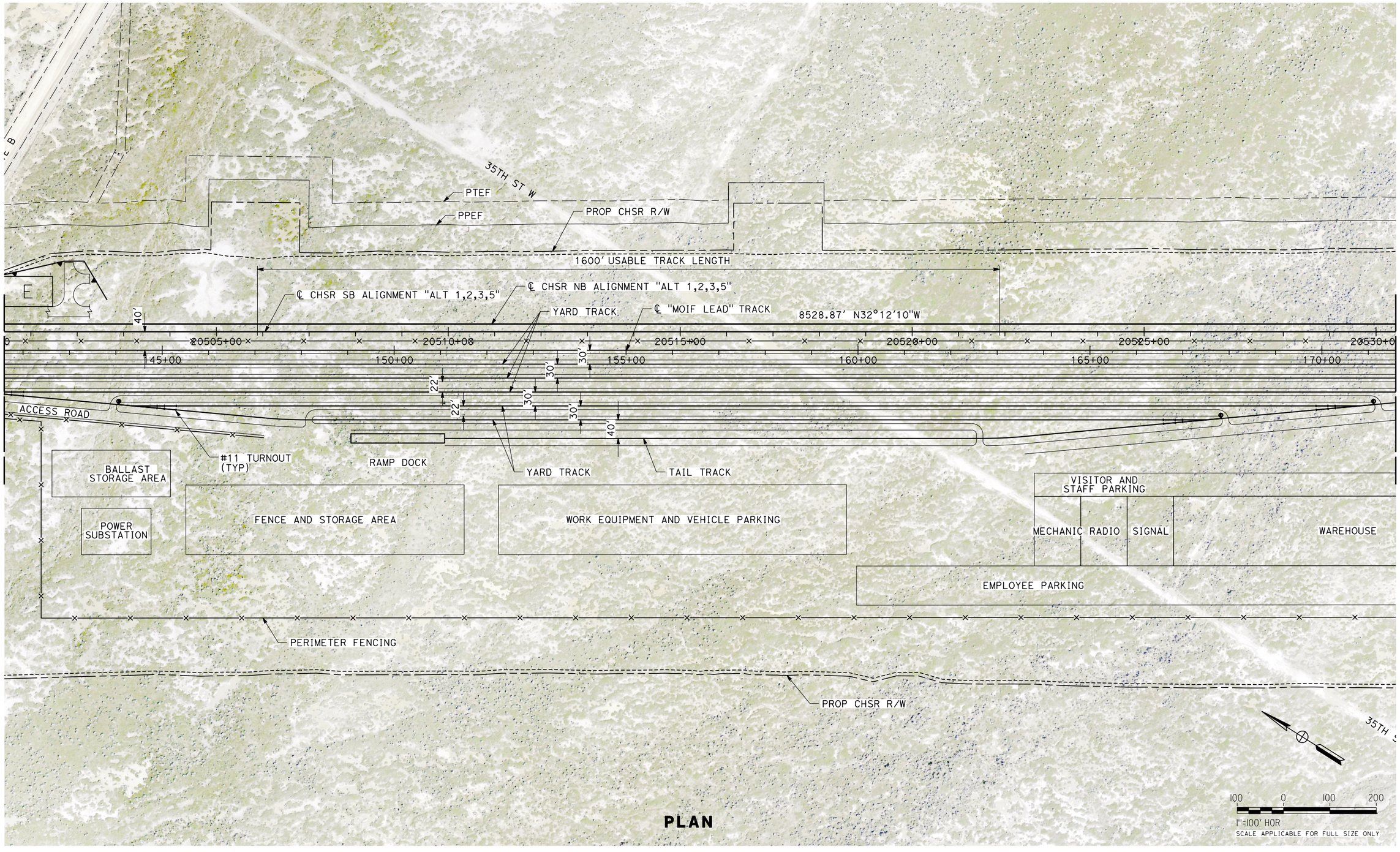
T.Y. LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4031
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:20:49 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4031
OIC.ADodge



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4032
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:20:54 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4032 QIC.ADodge

PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(2)	60	10,500	150	301.48

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD PEPD SUBMITTAL

NOT FOR CONSTRUCTION

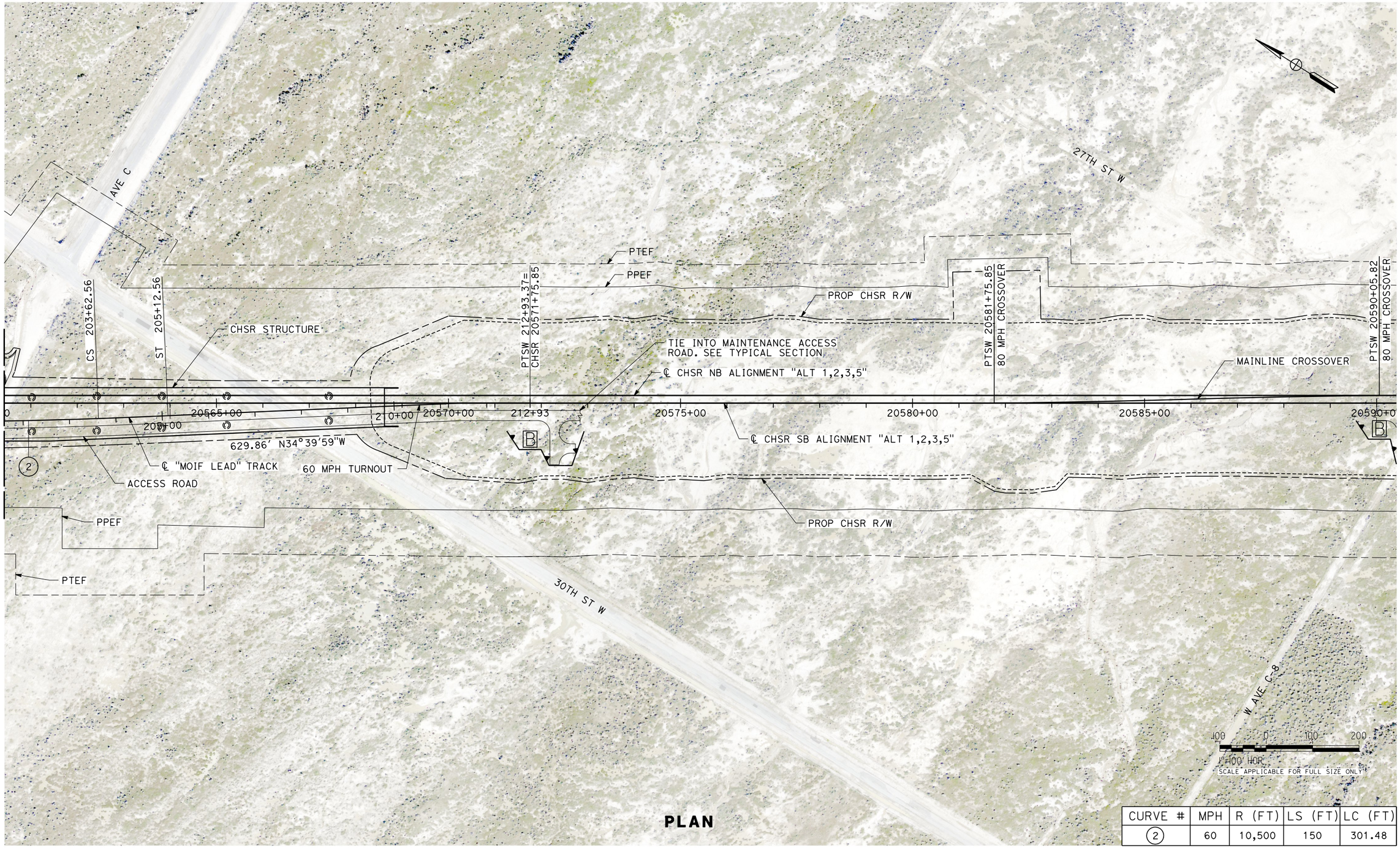
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOIF - NORTH LANCASTER
PLAN SHEET 4 OF 5

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4033
SCALE AS SHOWN
SHEET NO.

QIC.ADodge 11/7/2017 11:19:16 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4033



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(2)	60	10,500	150	301.48

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD
PEPD
SUBMITTAL

NOT FOR CONSTRUCTION

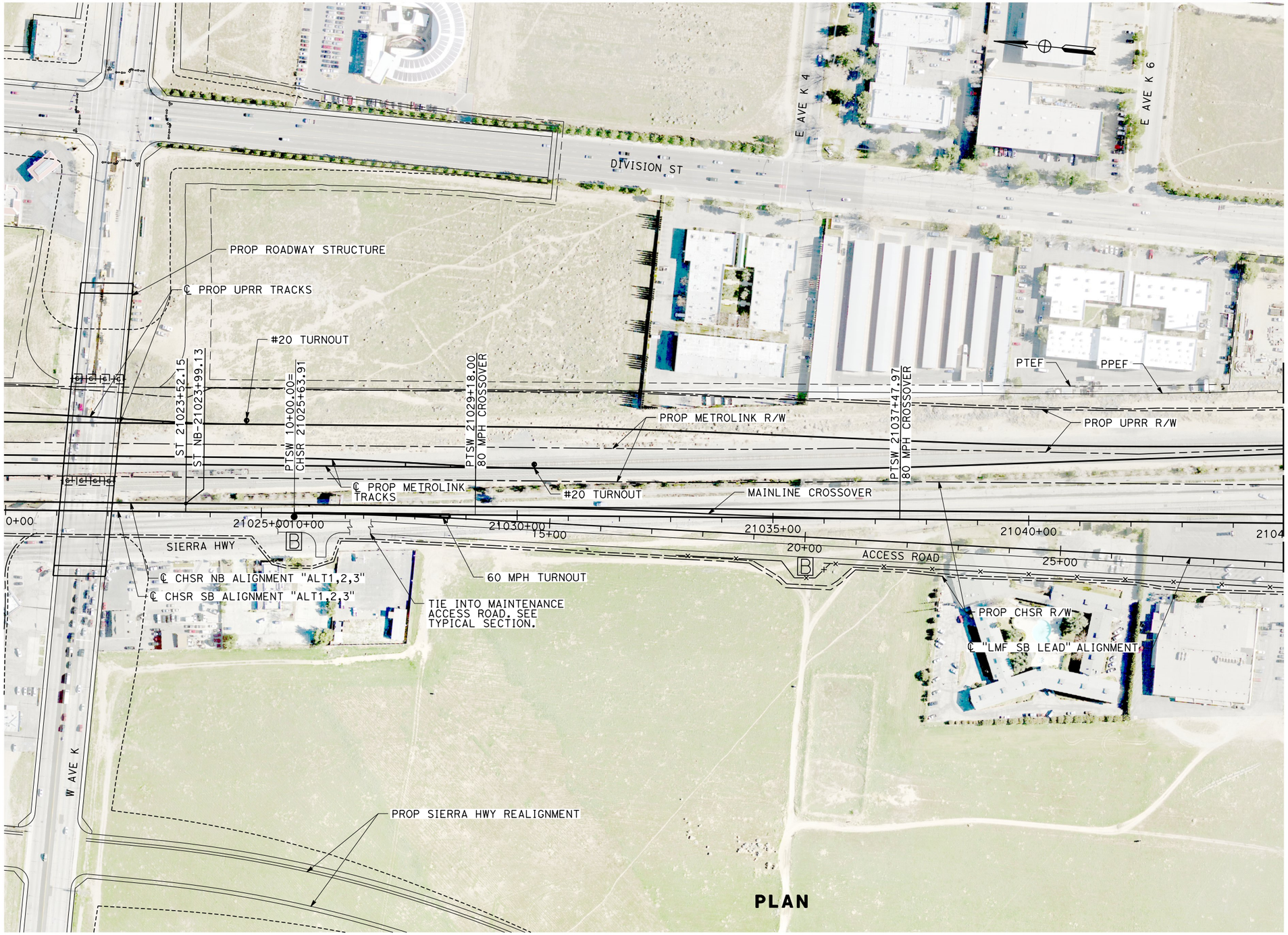
T·Y·LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4034
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:28:20 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4034 OIC.ADodge



PLAN

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

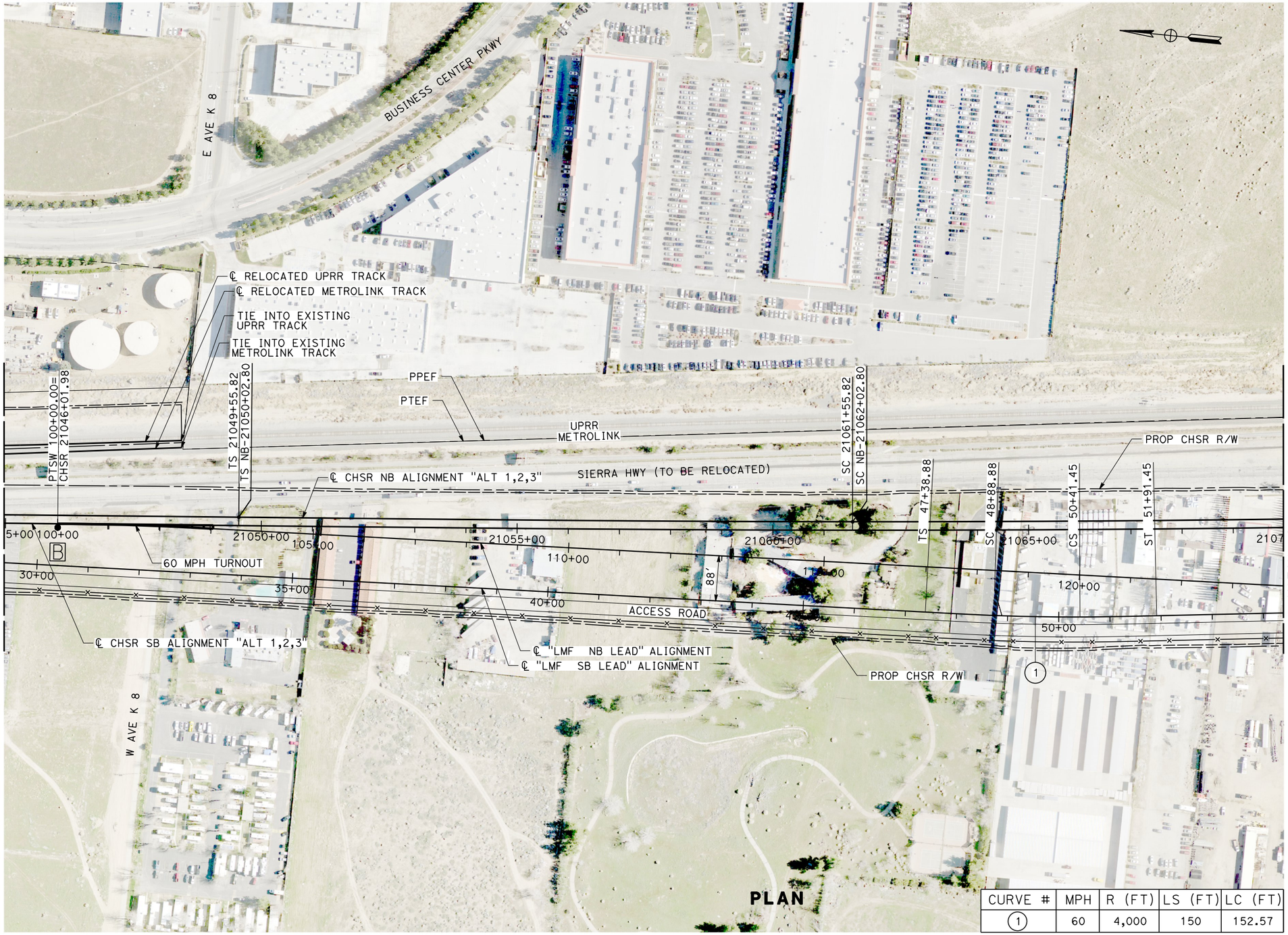
T·Y LIN INTERNATIONAL

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4042
SCALE AS SHOWN
SHEET NO.

11/7/2017 2:21:28 PM Projects\701206.00_CHSRBPV00 CADD\Sheet Files\MY\BP-MY-D4042.dgn
QIC.ADodge



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
1	60	4,000	150	152.57

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

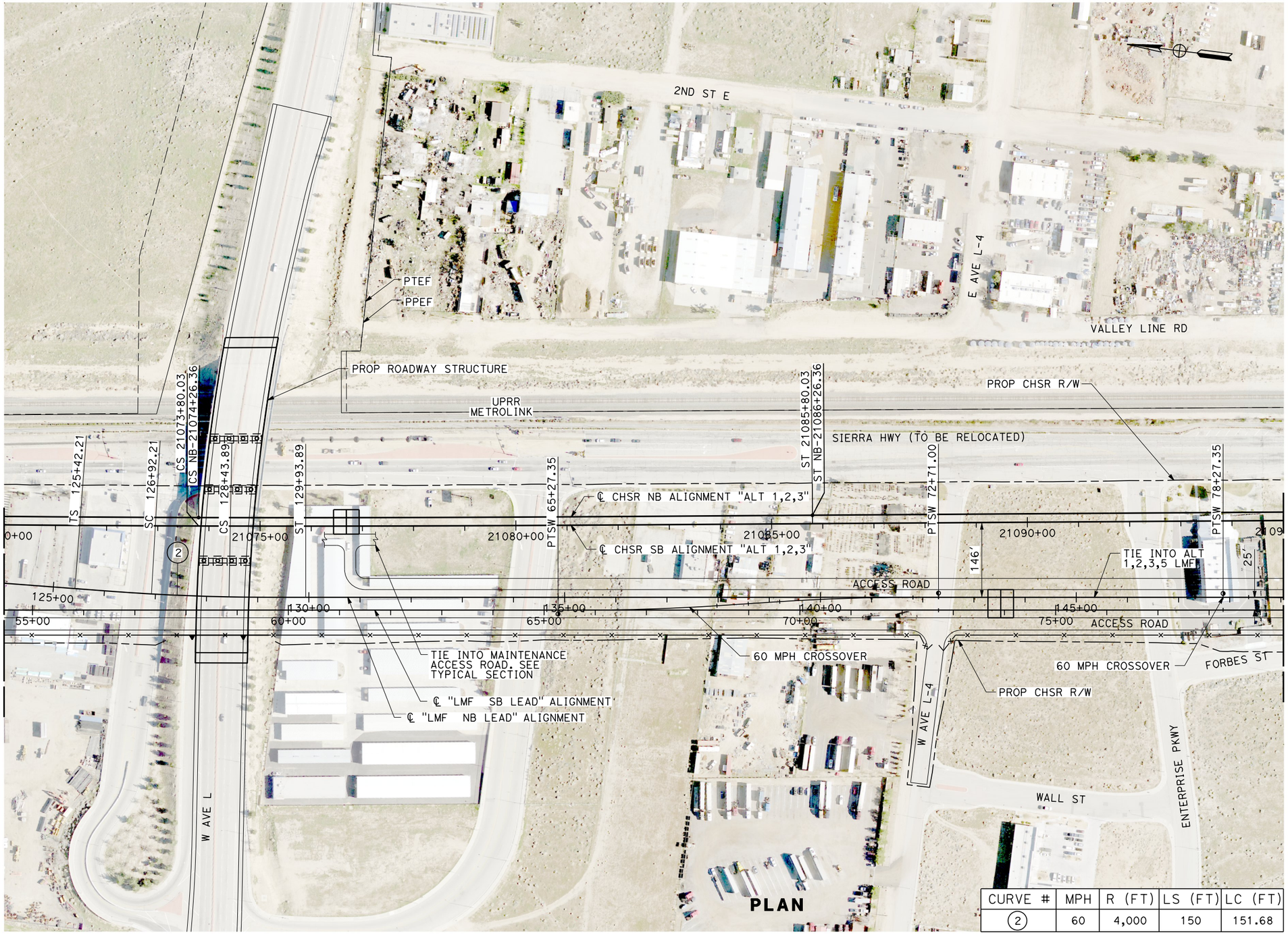
TY LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4043
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:20:54 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4043.dgn QIC.ADodge



CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
(2)	60	4,000	150	151.68

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

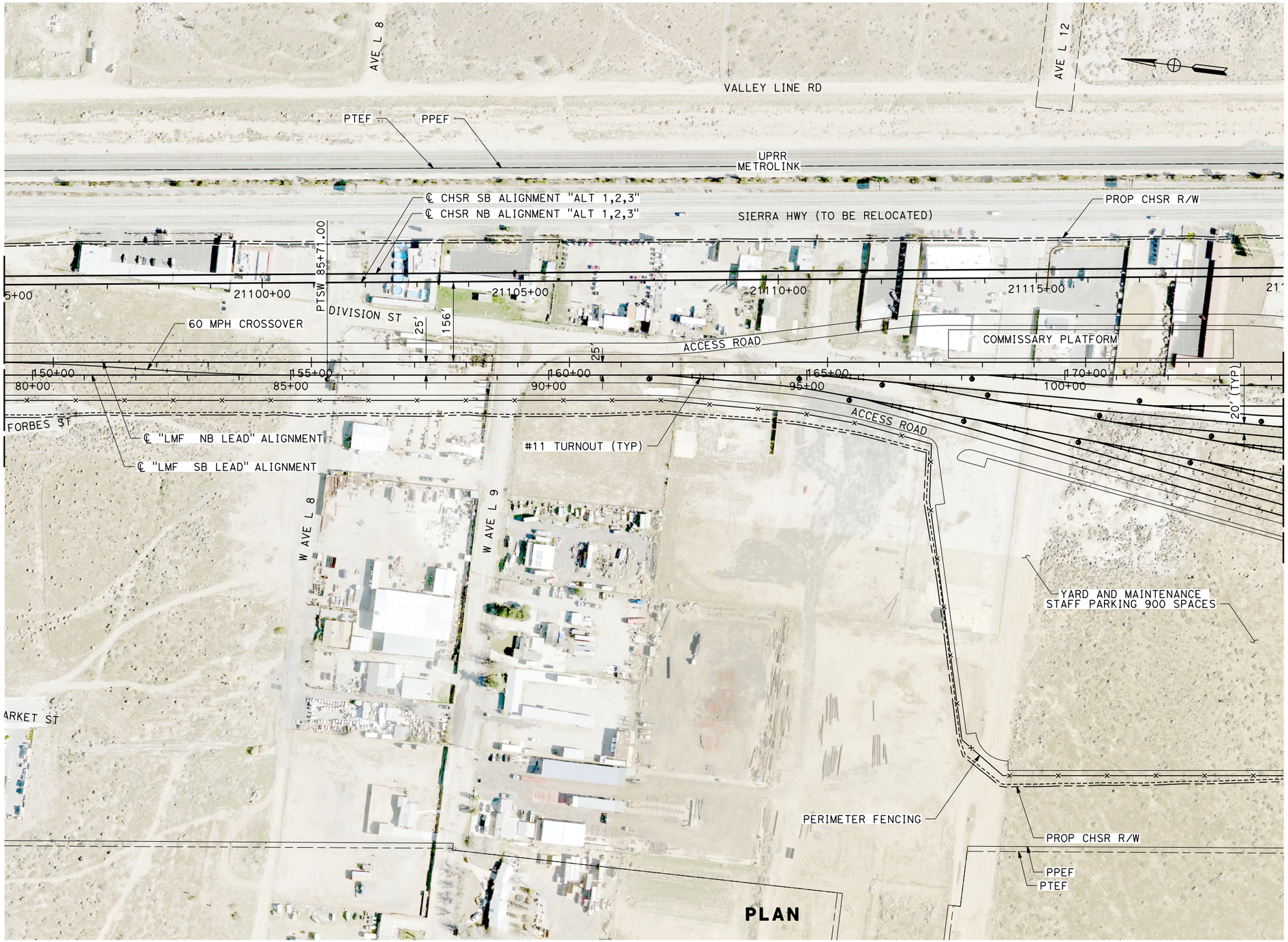
T·Y LIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4044
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:22:21 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4044.dgn QIC.ADodge



PLAN

100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION
		BY			

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

TYLIN INTERNATIONAL

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PLAN SHEET 4 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. MY-D4045
SCALE AS SHOWN
SHEET NO.

11/7/2017 11:22:09 AM Projects\701206.00_CHSRBP\00 CADD\Sheet Files\MY\BP-MY-D4045.dgn
OIC.ADodge