

CALIFORNIA HIGH-SPEED TRAIN

Engineering Plans

Burbank to Los Angeles

Option B Revised Alignment

Volume 3.3

General & Grade Separations

August 2021



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
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HSR14-39
DRAWING NO.
GE-A0310
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NO SCALE
SHEET NO.

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CV-T1022	ROADWAY REALIGNMENT - VANOWEN ST INTERIM ROAD REALIGNMENT PLAN
CV-T1021A	ROADWAY REALIGNMENT - VANOWEN ST INTERIM ROAD REALIGNMENT PLAN
CV-T1022A	ROADWAY/CROSSING REALIGNMENT - VANOWEN ST/BUENA VISTA RD SHOOFLY INTERIM ROADWAY/GRADE CROSSING PLAN
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CV-T1025A	SHOOFLY INTERIM ROAD REALIGNMENT - VANOWEN ST IMPACT PLAN
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CV-T1026B	FINAL ROAD/CROSSING REALIGNMENT - VANOWEN ST/BUENA VISTA RD IMPACT PLAN
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CV-T1031	GRADE SEPARATION - VICTORY PL UNDERPASS PLAN
CV-T1032	GRADE SEPARATION - VICTORY PL UNDERPASS PROFILE
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CV-T3031	GRADE SEPARATION - VICTORY PL UNDERPASS CROSS-SECTION
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CV-T0061	GRADE SEPARATION - ALAMEDA AVE UNDERPASS ORIENTATION MAP

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VOLUME 3.3 - GENERAL, GRADE SEPARATIONS, & ROADWAY IMPROVEMENTS

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
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CV-T0111	GRADE SEPARATION - GOODWIN AVE / CHEVY CHASE DR UNDERPASS ORIENTATION MAP
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CV-T1114	GRADE SEPARATION - GOODWIN AVE UNDERPASS IMPACT PLAN - SHEET 2 OF 2
CV-T1115	GRADE SEPARATION - CHEVY CHASE DR PED CROSSING IMPACT PLAN SHEET 1 OF 1
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GRADE SEPARATIONS

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CV-T1146	GRADE SEPARATION - CMF ACCESS UNDERPASS IMPACT PLAN - SHEET 3 OF 3
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ST-K3141	GRADE SEPARATION - CMF ACCESS ROAD GENERAL PLAN - SHEET 2 OF 2
CV-T0151	GRADE SEPARATION - MAIN ST OVERPASS ORIENTATION MAP
CV-T1151	GRADE SEPARATION - MAIN ST OVERPASS PLAN
CV-T1152	GRADE SEPARATION - MAIN ST OVERPASS PROFILE

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VOLUME 3.3 - GENERAL, GRADE SEPARATIONS, & ROADWAY IMPROVEMENTS

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T1153	GRADE SEPARATION - MAIN ST OVERPASS IMPACT PLAN - SHEET 1 OF 4
CV-T1154	GRADE SEPARATION - MAIN ST OVERPASS IMPACT PLAN - SHEET 2 OF 4
CV-T1155	GRADE SEPARATION - MAIN ST OVERPASS IMPACT PLAN - SHEET 3 OF 4
CV-T1156	GRADE SEPARATION - MAIN ST OVERPASS IMPACT PLAN - SHEET 4 OF 4
CV-T3151	GRADE SEPARATION - MAIN ST OVERPASS CROSS-SECTION
ST-K1151	GRADE SEPARATION - MAIN ST OVERPASS GENERAL PLAN - SHEET 1 OF 2
ST-K3151	GRADE SEPARATION - MAIN ST OVERPASS GENERAL PLAN - SHEET 2 OF 2

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BEGIN B-LA CHSR PROJECT
 ALTERNATIVE E2 ALIGNMENT
 STA 3026+28.25 =
 P-B STA 2254+69.81
 REFER TO P-B PEPD SUBMITTAL (VOLUME 3.7)
 FOR WORK NORTH OF THIS LOCATION

BURBANK AIRPORT
 STATION

BURBANK METROLINK
 STATION

CITY OF BURBANK

CITY OF BURBANK

CITY OF GLENDALE

GOLDEN STATE FWY (I-5)

GLENDALE METROLINK
 STATION

CITY OF LOS ANGELES

HOLLYWOOD WAY

CV-T1021
 CV-T1021-A
 CV-T1021-B

CV-T1022
 CV-T1022-A
 CV-T1022-B

BUENA VISTA ST

BURBANK BLVD

VICTORY BLVD

OLIVE AVE

BURBANK CHANNEL

ALAMEDA AVE

WESTERN AVE

SONORA AVE

GRANDVIEW AVE

FLOWER ST

CV-T1091

MATCH 3307+00
 SEE ABOVE

FAIRMONT AVE

VENTURA FWY
 (SR-134)

CITY OF GLENDALE

CV-T1101

COLORADO BLVD

GOODWIN AVE

CV-T1114

CV-T1113

CV-T1111

CV-T1113

CV-T1121

LOS FELIZ BLVD

CV-T1123

CV-T1133

CV-T1131

GLENDALE METROLINK
 STATION

GLENDALE BLVD

CITY OF LOS ANGELES

SAN FERNANDO RD

LOS ANGELES RIVER

FLEICHER DR

GLENDALE FWY (SR-2)

MATCH 3554+00
 SEE ABOVE

CV-T1143

CV-T1141

SAN FERNANDO RD

LOS ANGELES RIVER

GOLDEN STATE FWY (I-5)

CITY OF LOS ANGELES

ARROYO SECO PKWY (SR-110)

METROLINK CMF/TAYLOR YARD
 REFER TO VOLUME 3.5 FOR DETAILS

BROADWAY ST

CV-T1154

CV-T1155

CV-T1153

CV-T1156

CV-T1151

MAIN ST

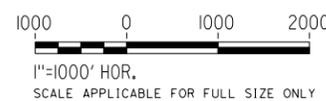
BURBANK TO
 LOS ANGELES
 SEGMENT

LOS ANGELES
 TO ANAHEIM
 SEGMENT

WORK END
 LINKUS STA 146+11.68 =
 LA-A STA 5190+00

LOS ANGELES
 UNION STATION

END B-LA CHSR PROJECT
 HSR STA 3697+99.22 = LINKUS STA 64+86.72
 REFER TO LINKUS SUBMITTAL (VOLUME 3.8)
 FOR WORK SOUTH OF THIS LOCATION



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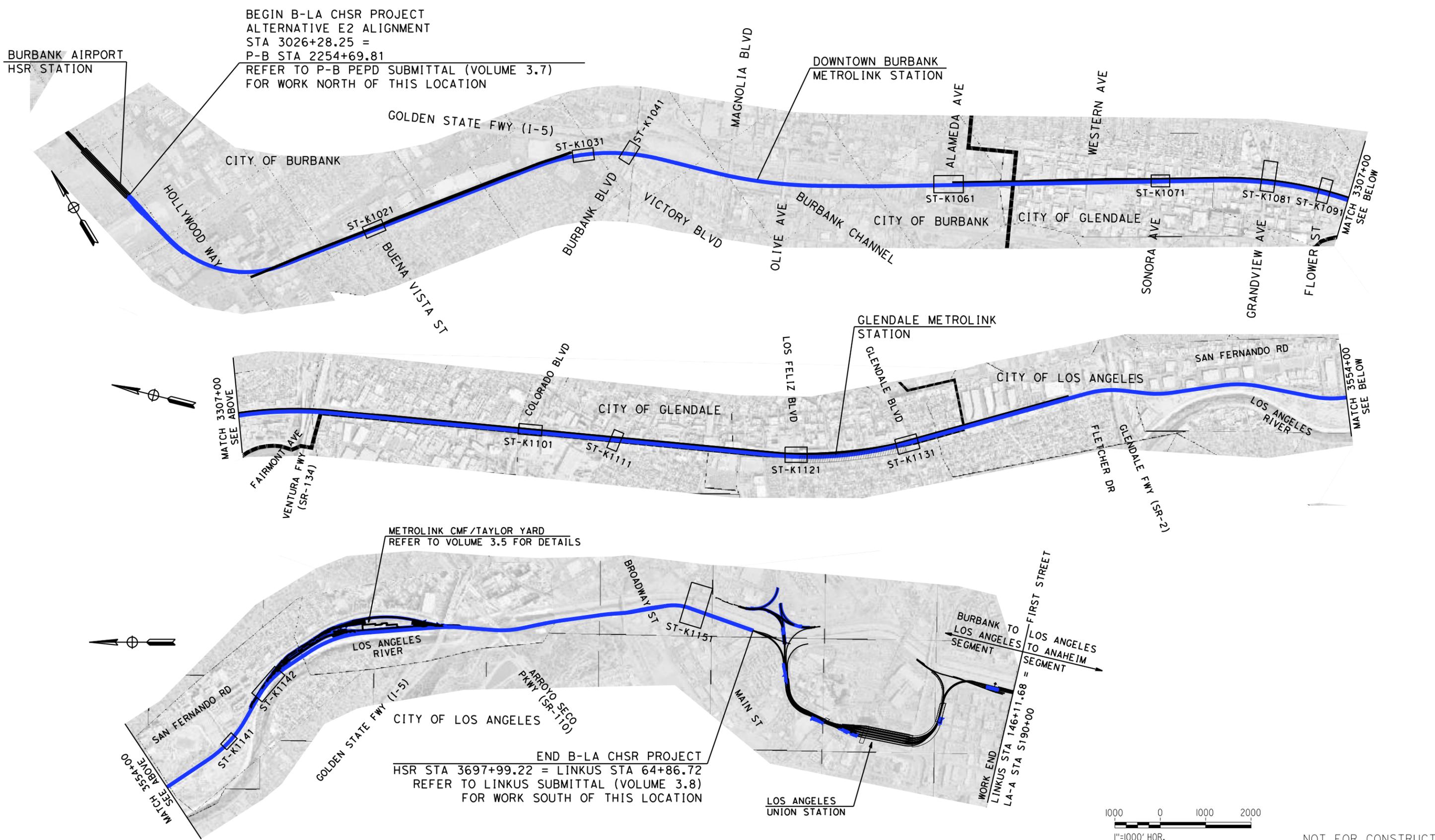
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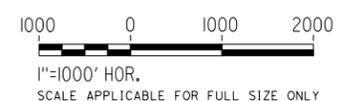
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BEGIN B-LA CHSR PROJECT
 ALTERNATIVE E2 ALIGNMENT
 STA 3026+28.25 =
 P-B STA 2254+69.81
 REFER TO P-B PEPD SUBMITTAL (VOLUME 3.7)
 FOR WORK NORTH OF THIS LOCATION

METROLINK CMF/TAYLOR YARD
 REFER TO VOLUME 3.5 FOR DETAILS

END B-LA CHSR PROJECT
 HSR STA 3697+99.22 = LINKUS STA 64+86.72
 REFER TO LINKUS SUBMITTAL (VOLUME 3.8)
 FOR WORK SOUTH OF THIS LOCATION



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 SCALE
AS SHOWN
 SHEET NO.

A

@ AADT AVERAGE ANNUAL DAILY TRAFFIC
AB AGGREGATE BASE, ANCHOR BOLT
ABBC ASBESTOS BONDED BITUMINOUS COATED
ABM AIR-BLOWN MORTAR
ABN ABANDON
ABUT ABUTMENT
ABV ABOVE
AC ALTERNATING CURRENT, ASPHALT CONCRETE, ASPHALT CONCRETE BASE
ACB ASPHALT CONCRETE BASE
ACMB AC DISTRIBUTION PANEL MAIN BREAKER
ACOUS ACOUSTICAL
ACP ASBESTOS CEMENT PIPE
ACR ACCESS CONTROL ROOM
ACSR ALUMINUM CONDUCTOR STEEL REINFORCED
AD AREA DRAIN
ADJ ADJACENT, ADJUST, ADJUSTABLE
ADL ADDED DEAD LOAD
ADP AC DISTRIBUTION PANEL
ADT AVERAGE DAILY TRAFFIC
A&E ARCHITECTURAL AND ENGINEERING
AEC AERIAL EARTH (GROUND) CONDUCTOR
AED AUTOMATED EXTERNAL DEFIBRILLATOR
AFC AUTOMATIC FARE COLLECTION
AFES ALTERNATIVE FLARED END SECTION
A/G AT-GRADE
AGW AERIAL GROUND WIRE
AHD AHEAD
AL ALUMINUM
ALIGN ALIGNMENT
ALT ALTERNATE
AM ANTE MERIDIEM (TIME FROM MIDNIGHT TO NOON)
ANC ANCHOR
ANI AUTOMATIC NUMBER IDENTIFICATION
ANN ANNUNCIATOR
ANS AMBIENT NOISE SENSOR
AP ALTERNATIVE PIPE
APC ALTERNATIVE PIPE CULVERT
APE AREA OF POTENTIAL EFFECTS
APEFZ ALOQUIST-PRIOLO EARTHQUAKE FAULT ZONE
API APPLICATION PROGRAMMING INTERFACE
APPROX APPROXIMATE
APU ALTERNATIVE PIPE UNDERDRAIN
AR ACCESS RESTRICTION
ARCH ARCHITECTURAL
ARS ACCELERATION RESPONSE SPECTRUM
AS AGGREGATE SUBBASE
ASPH ASPHALT
ASRP ALUMINUM SPIRAL RIB PIPE
ASSY ASSEMBLY
AT AUTOTRANSFORMER, AUTOMATIC TENSION
ATC AUTOMATIC TRAIN CONTROL
ATEL ADMINISTRATIVE TELEPHONE
ATM ALONG TRACK MOVEMENT, AUTOMATED TELLER MACHINE
ATO AUTOMATIC TRAIN OPERATION
ATP AUTOMATIC TRAIN PROTECTION
ATPB ASPHALT TREATED PERMEABLE BASE
ATPM ASPHALT TREATED PERMEABLE MATERIAL
ATR ABOVE TOP OF RAIL
ATS AUTOMATIC TRAIN SUPERVISION, AUTO TENSIONED SYSTEM
AUX AUXILIARY
AVE AVENUE
AVG AVERAGE
AVL AUTOMATIC VEHICLE LOCATION
AWG AMERICAN WIRE GAUGE

B

BAGR BRIDGE APPROACH GUARD RAILING
BAR BARRIER
BAT BATTERY
BB BEGINNING OF BRIDGE
B-B BACK-TO-BACK
BC BEGINNING OF CURVE, BOLT CIRCLE
BCR BEGIN CURB RETURN
BD BOARD
BDA BI-DIRECTIONAL AMPLIFIER

B CONTINUED

BDD BRIDGE DESIGN DETAILS (CALTRANS)
BDP BRIDGE DESIGN PRACTICE (CALTRANS)
BDS BRIDGE DESIGN SPECIFICATIONS (CALTRANS)
BEC BURIED EARTH (GROUND) CONDUCTOR
BEG BEGIN
BFA BYPASS FEEDER ANCHOR
BIL BASIC IMPULSE INSULATION LEVEL
BITUM BITUMINOUS
BKLN BIKE LANE
BK BACK
BKF BACKFILL
BKR BREAKER
BL BASELINE
BLDG BUILDING
BLKG BLOCKING
BLM BRIDGE-LOG MILE
BLST BALLAST
BLVD BOULEVARD
BM BENCHMARK
BN BACKBONE NETWORK
BND BOUND
BOC BOTTOM OF CURB
BOCC BACK-UP OPERATIONAL CONTROL CENTER
BOS BOTTOM OF SLOPE
BOT BOTTOM
BOW BOTTOM OF WALL
BR BRIDGE, BRIDGE CURVE
BRG BEARING
BRKT BRACKET
BRS BROADBAND RADIO SYSTEM
BRT BUS RAPID TRANSIT
BS BODY SPAN WIRE
BSC BASE STATION CONTROLLER
B/SPAN BODY SPAN
BT BUS TIE
BTM BOTTOM
BTS BASE TRANSCEIVER STATION
BTWN BETWEEN
BVC BEGINNING OF VERTICAL CURVE
BW BARBED WIRE, BALANCE WEIGHT
B/W BLACK AND WHITE
BWA BALANCE WEIGHT ANCHOR
BWLAN BROADBAND WIRELESS LOCAL AREA NETWORK
BZ BRONZE

C

C CLOSE, CONDUIT, CONTACT, CONTROL
CA CERTIFICATION ACCEPTANCE
CAA CABLE ANCHOR ASSEMBLY
CAB CABINET
CADDD COMPUTER-AIDED DESIGN AND DRAFTING
CAH CONTROLLED ACCESS HIGHWAY
CAI CUSTOMER ASSISTANCE INTERCOM
CALP CORRUGATED ALUMINUM PIPE
CANT CANTILEVER
CAP CAPACITY, CAPACITOR, CORRUGATED ALUMINUM PIPE
CAPA CORRUGATED ALUMINUM PIPE ARCH
CAS CONSTRUCTION AREA SIGN
CAT CATEGORY, SPECIFICATION FOR TWISTED PAIR CABLING
CATF CANTENARY FOUNDATION
CATP CANTENARY POLE
CB CATCH BASIN, CIRCUIT BREAKER, CONCRETE BARRIER
CBTC COMMUNICATIONS BASED TRAIN CONTROL
CBW CONCRETE BLOCK WALL
C&C CUT AND COVER
C-C CENTERLINE TO CENTERLINE, CENTER TO CENTER
CCO CONTRACT CHANGE ORDER
CCS CALIFORNIA COORDINATE SYSTEM
CCTV CLOSED CIRCUIT TELEVISION
CCVT COUPLING CAPACITOR VOLTAGE TRANSFORMER
CEG CERTIFIED ENGINEERING GEOLOGIST
CEM CEMENT
CER COMMUNICATIONS EQUIPMENT ROOM
C&G CURB AND GUTTER

C CONTINUED

CG CENTER OF GRAVITY
CGS CALIFORNIA GEOLOGICAL SURVEY
CHNL CHANNEL
CI CAST IRON
CIC COMMUNICATIONS INTERFACE CABINET
CIDH CAST-IN-DRILLED-HOLE
CIF COMMON INTERMEDIATE FORMAT
CIP CAST IRON PIPE
C-I-P CAST-IN-PLACE
CIPCP CAST-IN-PLACE CONCRETE PIPE
CIS CUSTOMER INFORMATION SIGN
CISS CAST-IN-STEEL-SHELL
CJ CONSTRUCTION JOINT
CJP COMPLETE JOINT PENETRATION
CKT CIRCUIT
CL CLASS, CEMENT LINED
CL2 CLASS 2
CL-6 CHAIN LINK FENCE (6 FT)
CLG CEILING
CLK CHAIN LINK
CLKG CAULKING
CLO CLOSET
CLR CLEAR, CLEARANCE
CM CONTROL MODULE, CORRUGATED METAL
CMF CENTRAL MAINTENANCE FACILITY
CMP CORRUGATED METAL PIPE
CMU CONCRETE MASONRY UNIT
CNTR COUNTER
CO CLEANOUT, COUNTY COLUMN
COMM COMMUNICATIONS
CONC CONCRETE
COND CONDUIT
CONN CONNECTOR, CONNECTION
CONST CONSTRUCT, CONSTRUCTION
CONT CONTINUOUS, CONTINUATION
CONTR CONTRACTOR
COORD COORDINATE
CORR CORRIDOR
CP CONTROL POINT
CPT CONE PENETRATION TEST, CONTROL POWER TRANSFORMER
CPU CENTRAL PROCESSING UNIT
CR CREEK, CONDUIT RISER
CRC COMBINED RELAY AND CONTROL PANEL
CRCP CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP CONCRETED ROCK SLOPE PROTECTION
CRZ CLEAR RECOVERY ZONE
CS CONTROL SWITCH, CURVE TO SPIRAL
CSA CONSTRUCTION STAGING AREA
CSG CASING
CSP CORRUGATED STEEL PIPE
CSPA CORRUGATED STEEL PIPE ARCH
CT CERAMIC TILE, COURT, CURRENT TRANSFORMER/TRANSDUCER
CTB CEMENT TREATED BASE
CTPB CEMENT TREATED PERMEABLE BASE
CTR CEMENT TREATED PERMEABLE MATERIAL
CTS CENTER
CTSK COUNTERSUNK
CTVT COMBINED CURRENT TRANSFORMER AND VOLTAGE TRANSFORMER
CTW COUNTER WEIGHT TAIL WIRE
CU COPPER
CULV CULVERT
CV COVER
CVR CONTACT WIRE
CWA CONTACT WIRE ANCHOR
CWH CONTACT WIRE HEIGHT
CWR CONTINUOUSLY WELDED RAIL
CWT COUNTER WEIGHT

D

D DEPTH
DB DESIGN-BUILD
DBE DESIGN BASIS EARTHQUAKE

D CONTINUED

DBL DOUBLE
DC DIRECT CURRENT
DCMB DC DISTRIBUTION PANEL MAIN BREAKER
DCP DC DISTRIBUTION PANEL
DD DOWNDRAIN, DEVICE DRIVER
DE DEAD END
DEL DELINEATOR
DEMO DEMOLISH
DEPT DEPARTMENT
DET DETOUR
DF DIRECT FIXATION, DRINKING FOUNTAIN
DGA DOWN GUY ANCHOR
DHV DESIGN HOURLY VOLUME
DI DRAINAGE INLET
DIAG DIAGONAL
DIAPH DIAPHRAGM
DIFF DIFFERENTIAL
DIM DIMENSION
DIN DROP INLET
DIP DUCTILE IRON PIPE
DIR DIRECTION
DISC DISCONNECT
DISP DISPENSER
DIST DISTANCE
DISTR DISTRIBUTION
DMBB DOUBLE METAL BEAM BARRIER
DN DOWN
DNS DOMAIN NAME SYSTEM
DO DOOR OPENING
DPDT DOUBLE-POLE DOUBLE-THROW
DR DRIVE
DS DOWNSPOUT, DISCONNECT SWITCH
DSC DIFFERING SITE CONDITIONS
DSCW DIRECT SUSPENSION CONTACT WIRE
DSG DISCONNECT SWITCH GROUP
DSHA DETERMINISTIC SEISMIC HAZARD ANALYSIS
DST DISTRICT
DTBB DOUBLE THRIE BEAM BARRIER
DTM DIGITAL TERRAIN MODEL
DVR DIGITAL VIDEO RECORDERS
DWG DRAWING
DWY DRIVEWAY
DXO DOUBLE CROSSOVER

E

E APPLIED CANT
E0 UNBALANCED CANT
E EAST, EASTING
EA EACH
EB EASTBOUND, END OF BRIDGE
EC END HORIZONTAL CURVE, ELECTRICAL CONDUCTOR
ECR END CURB RETURN
EE EACH END
EF EACH FACE
EGS EMERGENCY GROUND SWITCH
EHS EXTRA HIGH STRENGTH
EI EMERGENCY INTERCOM
EJ EXPANSION JOINT
E-LAN ETHERNET LAN
ELAST ELASTOMERIC
ELEC ELECTRICAL, ELECTRIC
ELECT ELECTROLIER
ELEV ELEVATION
ELOCK ELECTRONIC LOCK
EMB EMBANKMENT
EMC ELECTROMAGNETIC COMPATIBILITY
EMER EMERGENCY
EMF ELECTROMAGNETIC FIELD
EMI ELECTROMAGNETIC INTERFERENCE
EMS ELEMENT MANAGEMENT SYSTEM
EMU ELECTRIC MULTIPLE UNIT
ENCL ENCLOSURE

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Table with columns: DESIGNED BY, DRAWN BY, CHECKED BY, IN CHARGE, DATE

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
ACRONYMS AND ABBREVIATIONS
SHEET 1 OF 5

Table with columns: CONTRACT NO., DRAWING NO., SCALE, SHEET NO.

E CONTINUED

F CONTINUED

H CONTINUED

L CONTINUED

ENGR ENGINEER, ENGINEERING
EOB END OF BRIDGE
EOD EDGE OF DECK
EOS ELECTRICAL OPERATED BRIDGE
EOW END OF WALL
EP EDGE OF PAVEMENT
EPBM EARTH PRESSURE BALANCING MACHINE
EPR ETHYLENE PROPYLENE RUBBER
EQ EQUAL, EQUILATERAL
EQN EQUATION
EQUIP EQUIPMENT
ES EDGE OF SHOULDER, EXTRA STRENGTH, ELECTRICAL SECTION
ESA ENVIRONMENTALLY SENSITIVE AREA
ESC ESCALATOR
ESEW EMERGENCY SHOWER / EYE WASH
ESMT EASEMENT
ETCS EUROPEAN TRAIN CONTROL SYSTEM
ETEL EMERGENCY TELEPHONE
ETS EMERGENCY TRIP SYSTEM
ETW EDGE OF TRAVELED WAY
EVC END VERTICAL CURVE
EW EACH WAY, ENDWALL
EXC EXCAVATION
EXIST EXISTING
EXP EXPANSION
EXPO EXPOSED
EXWY EXPRESSWAY
EXT EXTERIOR, EXTENSION

FS FINISHED SURFACE
FTEL FIRE TELEPHONE
FTG FOOTING
FTP FILE TRANSFER PROTOCOL
FTW FIXED END TAIL WIRE
FUT FUTURE
FW FEEDER WIRE
FWY FREEWAY
G1 ENTRANCE GRADE, GRADE BEFORE CURVE
G2 EXIT GRADE, GRADE POST CURVE
GALV GALVANIZED
GCL GRADING CONTROL LINE
GD GRADE
GHS GALVANIZED HIGH STRENGTH
GI GENERAL INFORMATION
GIGE GIGABIT ETHERNET
GIS GAS INSULATED SWITCH, GEOGRAPHIC INFORMATION SYSTEM
GL GLASS
G/L GROUND LINE
GMA GROUND MOTION ANALYSIS
GND GROUND
GO-95 PUC GENERAL ORDER 95
GP GRADING PLANE
GPS GLOBAL POSITIONING SYSTEM
GR GUARDRAIL, GROUND ROD
GRP GLASS REINFORCED PLASTIC ROD
GRS GALVANIZED RIGID STEEL
GRX GRADE CROSSING
GSHA GEOLOGIC AND SEISMIC HAZARDS ANALYSIS
GSP GALVANIZED STEEL PIPE
GT GENERAL INFORMATION
GTGM GEOTECHNICAL TECHNICAL GUIDANCE MANUAL (FHWA)
GTR GUTTER
GW GUY WIRE
GYP GYPSUM
GYPBD GYPSUM BOARD

HWY HIGHWAY
IB IMPENANCE BOND
IBC INTERNATIONAL BUILDING CODE
IDS INTRUSION DETECTION CODE
IIMP INTERGRATED INFORMATION MANAGEMENT PLATFORM
IJJ INSULATED JOINT
IJP INSULATED JOINT PLUG
INSR INSULATOR
INST INSTANTANEOUS
INSUL INSULATION
INT INTERIOR
Inter-LATA INTER-LOCAL ACCESS AND TRANSPORT AREA
INV INVERT
I/O INPUT/OUTPUT
IR IN-RUNNING (RIDING CONTACT WIRE)
IRR IRRIGATION
I/S IN-SPAN
I/SJ IN-SPAN JUMPER

LWP LOWER WORKING POINT
M1 CONVENTIONAL RAILWAY TRACK
M MEDIUM LOADING
MAINT MAINTENANCE
MAT MATERIAL
MAX MAXIMUM
MB METAL BEAM
MBB METAL BEAM BARRIER
MBGR METAL BEAM GUARD RAILING
MCC MAINTENANCE CONTROL CENTER
MCE MAXIMUM CONSIDERED EARTHQUAKE
MCR MASTER CONTROL ROOM
MDS MOBILE DATA SYSTEM
MECH MECHANICAL
MED MEDIAN
MEM MEMBRANE
MESSGR MESSENGER WIRE
MET METAL
MFR MANUFACTURER
MH MANHOLE
MHHW MEAN HIGHEST HIGH WATER
MI MILD IRON
MIN MINIMUM
MISC MISCELLANEOUS
MKR MARKER
ML MAIN LINE
MLLW MEAN LOWER LOW WATER
MMIS MAINTENANCE MANAGEMENT INFORMATION SYSTEM
MO MASONRY OPENING
MOC MOTOR OPERATED CONTRACTOR
MOD MODIFIED, MODIFY
MODC MOTOR OPERATED DISCONNECT SWITCH
MOI MAINTENANCE OF INFRASTRUCTURE
MON MONUMENT
MOP MOTOR OPERATED
MOS MANUALLY OPERATED SWITCH
MOV METAL-OXIDE VARISTOR
MOW MAINTENANCE OF WAY
MP MILEPOST
MPA MIDPOINT ANCHOR
MPH MILES PER HOUR
MPLS MULTI-PROTOCOL LABEL SWITCHING
MR MOVEMENT RATING
MSE MECHANICALLY STABILIZED EMBANKMENT
MSF MAINTENANCE AND STORAGE FACILITY
MSL MEAN SEA LEVEL
MTD MEMO TO DESIGNERS (CALTRANS), MOUNTED
MUL MULLION
MVC MINIMUM VERTICAL CLEARANCE
MW MESSENGER WIRE

F CONTINUED

H CONTINUED

K CONTINUED

L CONTINUED

FA FIRE ALARM
FACP FIRE ALARM CONTROL PANEL
FAS FIRE ALARM SYSTEM
FB FLAT BAR, FLOOR BEAM, FEEDER BREAKER
FBO FURNISHED BY OTHERS
FC FARE COLLECTION
F&C FRAME AND COVER
FD FLOOR DRAIN
FDC FIRE DEPARTMENT CONNECTION
FDN FOUNDATION
FDP FIBER DISTRIBUTION PANEL
FDR FEEDER
FDU FIBER DISTRIBUTION UNIT
FE FIRE EXTINGUISHER
FES FLARED END SECTION
FF FILTER FABRIC
F/F FACE TO FACE
FFJ FULL FEEDING JUMPER
FFL FINISHED FLOOR LEVEL
FG FINISHED GRADE
F&G FRAME AND GRATE
FH FIRE HYDRANT
FHC FIRE HOSE CABINET
FID FIRE INITIATING DEVICE
FIG FIGURE
FIN FINISH
FIRM FLOOD INSURANCE RATE MAPS
FJ FEEDER JUMPER
FL FLOW LINE
FLB FLOOR BEAM
FLH FLAT HEAD
FLR FLOOR
FNA FIRE NOTIFICATION APPLIANCE
FO FIBER OPTIC
FOC FIBER OPTIC CABLE, FACE OF CURB
FOCN FIBER OPTIC CABLING NETWORK
FOF FACE OF FINISH
FOP FACE OF POLE
FOS FACE OF STUDS, FACTOR OF SAFETY
FP FULL PENETRATION
FPLM FULL SPAN PRECAST LAUNCHING
FPRF FIRE PROOF
FPS FRAMES PER SECOND
FR FRAME
FREO FREQUENCY

HSR1/2 HSR TRACK 1/2/ETC.
HAZ HAZARDOUS
HB HARDNESS BRINELL, HOSE BIBB
HC HANDICAP
HD HARD DRAWN, HORIZONTAL DRAIN
HDG HOT DIP GALVANIZED
HDPE HIGH DENSITY POLYETHYLENE
HDWE HARDWARE
HDWL HEADWALL
HEX HEXAGONAL
HH HANDHOLE, HEAD HARDENED
HI HIGH
HI-RAIL HIGHWAY TO RAILROAD VEHICLE
HM HOLLOW METAL
HMA HOT MIXED ASPHALT
HMI HUMAN MACHINE INTERFACE
HO HAND OPERATED
HOBAS MANUF. CENTRIFUGALLY CAST GLASSFIBER REINF. PIPE
HOR HORIZONTAL
HOV HIGH-OCCUPANCY VEHICLE
HP HIGH POINT, HINGE POINT
HP&R HIGHWAY PLANTING AND RESTORATION
HPS HIGH PERFORMANCE STEEL
HR HANDRAIL
HRL HIGH RAIL LEVEL
HS HIGH STRENGTH
H/SPAN HEADSPAN
HSR HIGH-SPEED RAIL
HST HIGH-SPEED TRAIN
HT HIGH TEMPERATURE
HTR HEATER
HV HIGH VOLTAGE
HVAC HEATING VENTING AND AIR CONDITIONING
HW HIGH WATER
HWT HIGH WATER TABLE
HWM HIGH WATER MARK

J JUMPER
JAN JANITOR
JB JUNCTION BOX
JCT JUNCTION
JP JOINT POLE
JT(S) JOINT(S)

KV KILOVOLT

L LENGTH
LA LANDSCAPE ARCHITECT, LIGHTING ARRESTER, LOS ANGELES (CALIFORNIA, USA)
LA-A LOS ANGELES TO ANAHEIM
LAM LAMINATE
LAN LOCAL AREA NETWORK
LA-SD LOS ANGELES TO SAN DIEGO
LAT LATITUDE
LAV LAVATORY
LC LENGTH OF CURVE, LANDSCAPE CONTRACTOR
LCB LEAN CONCRETE BASE
LCX LEAKY COAXIAL RADIO CABLE
LDBE LOWER-LEVEL DESIGN BASIS EARTHQUAKE
LED LIGHT EMITTING DIODE
LF LINEAR FEET
LG LONG
LGT LIGHT, LIGHTING
LH LEFT-HAND
LKR LOCKER
LL LIGHT LOADING
LLT LAST LONG TIE
LN LANE
LO LOCKOUT
LOC LOCATION
LOL LAYOUT LINE
LONG LONGITUDE, LONGITUDINAL
LOS LEVEL OF SERVICE
LOTB LOGS OF TEST BORINGS
LP LOW POINT, LOW PROFILE
LPL LIGHT POLE
LR LOW RAIL
LRFD LOAD AND RESISTANCE FACTOR DESIGN
LRT LIGHT RAIL TRANSIT
LRV LIGHT RAIL VEHICLE
LS LENGTH OF SPIRAL, LANDSCAPING, LUMP SUM
LT LEFT
LV LOW VOLTAGE
LVL LEVEL
LVT LOW VIBRATION TRACK

N CONTINUED

N NORTH, NORTHING
N/A NOT APPLICABLE
NAVD NORTH AMERICAN VERTICAL DATUM
NB NORTHBOUND
NBR NONBRIDGING
NCL NO COLLAPSE PERFORMANCE LEVEL
NDP NONLINEAR DYNAMIC PROCEDURE
NEC NATIONAL ELECTRICAL CODE
NEG NEGATIVE
NEUT NEUTRAL
NF NEGATIVE FEEDER, NEAR FACE
NGVD NATIONAL GEODETIC VERTICAL DATUM
NI NETWORK INTERFACE
NIC NOT IN CONTRACT
NMS NETWORK MANAGEMENT SYSTEM
NO NUMBER, NORMALLY OPEN
NOM NOMINAL
NP NETWORK PORT

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DRAWN BY C. CUSSON
CHECKED BY C. LEE
IN CHARGE C. LEE
DATE 07/15/2021

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
ACRONYMS AND ABBREVIATIONS
SHEET 2 OF 5

CONTRACT NO. HSR14-39
DRAWING NO. GE-C0302
SCALE NO SCALE
SHEET NO.

N CONTINUED

NPRM NOTICE OF PROPOSED RULE MAKING
NPS NOMINAL PIPE SIZE
NR NOT REGISTERED
NS NOT SUPPORTED
NT NETWORK
NTP NOTICE TO PROCEED, NETWORK TIME PROTOCOL
NTS NOT TO SCALE NETWORK TIME SERVER

O

OA OVERALL
OBLR OBLITERATE
OC ON CENTER, OVERCROSSING
OCC OPERATIONS CONTROL CENTER
OCS OVERHEAD CONTACT SYSTEM
OF OUTSIDE FACE
OFF OFFSET
OG ORIGINAL GROUND
OH OVERHEAD
O-LA ORANGE COUNTY TO LOS ANGELES OPERATIONS AND MAINTENANCE
O&M OUT TO OUT
O-O OUT-OF-RUNNING (NONRIDING CONTACT WIRE)
OP OVERPASS
OPL OPERABILITY PERFORMANCE LEVEL
OPNG OPENING
OPP OPPOSITE
ORS OPERATIONS RADIO SYSTEM
OSP OUTSIDE PLANT
OVERTEMP OVERTEMPERATURE

P

P-LA PALMDALE TO LOS ANGELES
PA PUBLIC ADDRESS
PACIS PUBLIC ADDRESS/CUSTOMER INFORMATION SYSTEM
PAX PASSENGER
PB PULL BOX, PUSH BUTTON (ON ELECTRICAL DIAGRAMS)
PBX PRIVATE BRANCH EXCHANGE
PC PRECAST CONCRETE
PCC PORTLAND CEMENT CONCRETE
PCP PERFORATED CONCRETE PIPE
PCPT PIEZOCONE PENETROMETER TEST
PE PORCELAIN ENAMEL
PED PEDESTRIAN
PEPD PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PERF PERFORATED
PERM PERMEABLE, PERMANENT
PET POTENTIAL EQUALIZING JUMPER
PF POWER FACTOR
PFDHA PROBABILISTIC FAULT DISPLACEMENT HAZARD ANALYSIS
PGL PROFILE GRADE LINE
PH PHASE
PHE POTHOLE
PID PASSENGER INFORMATION DISPLAY
PITO POINT OF INTERSECTION TURNOUT
PJP PARTIAL JOINT PENETRATION
PL PLATE, PLACE
P/L PROPERTY LINE
PLAM PLASTIC LAMINATE
PLAS PLASTER
PLC PROGRAMMABLE LOGIC CONTROLLER
PLYWD PLYWOOD
PM POST MILE, POST MERIDIEM (TIME FROM NOON TO MIDNIGHT)
PMS PAVEMENT MANAGEMENT SYSTEM
PN PAVING NOTCH
PNL PANEL
PNT POINT
PO PULL OFF
POC POINT OF CONNECTION
POE POINT OF ENDING
POS POSITIVE
POTS PLAIN ORDINARY TELEPHONE SERVICE
PP PLASTIC PIPE, POWER POLE

P CONTINUED

PPL PREFORMED PERMEABLE LINER
PPP PERFORATED PLASTIC PIPE
PR PAIR
PRI PRIMARY RATE INTERFACE (ISDN SERVICE)
PROP PROPOSED
PS PARALLELING STATION, POINT OF SWITCH
P/S PRESTRESSED
PS PARALLELING STATION
PSP PERFORATED STEEL PIPE
PSTN PUBLIC SWITCHED TELEPHONE NETWORK
PSTTWS PUBLIC SAFETY TRENCH AND TUNNEL WIRELESS SYSTEM
PSU POWER SUPPLY UNIT
PT POTENTIAL TRANSFORMER
PTC POSITIVE TRAIN CONTROL
PTD/R PAPER TOWEL DISPENSER AND RECEPTACLE
PTEL PASSENGER ASSISTANCE TELEPHONE
PTM PARKING TICKET MACHINE
PTT PUSH TO TALK
PTZ PAN-TILT-ZOOM
PUE PUBLIC UTILITY EASEMENT
PVC POLYVINYL CHLORIDE, POINT OF VERTICAL CURVATURE
PVI POINT OF VERTICAL INTERSECTION
PVMT PAVEMENT
PVT POINT OF VERTICAL TANGENCY
PWR POWER

Q

QOS QUALITY OF SERVICE
QT QUARRY TILE
QTY QUANTITY

R

R RADIUS,
RA REMOTE ANNUNCIATOR
R/A ROCK ANCHOR
RAID REDUNDANT ARRAY OF INDEPENDENT DISKS
RB RESILIENT BASE
RBM RAILBOUND MANGANESE FROG
RC REGIONAL CONSULTANT, REINFORCED CONCRETE
RCA REINFORCED CONCRETE ARCH
RCB REINFORCED CONCRETE BOX
RCC REGIONAL CONTROL CENTER
RCE REGISTERED CIVIL ENGINEER
RCP REINFORCED CONCRETE PIPE
RCPA REINFORCED CONCRETE PIPE ARCH
RD ROAD, ROOF DRAIN
R&D REMOVE AND DISPOSE
RDWY ROADWAY
RE RUNNING EDGE OF RAIL
REBAR CONCRETE REINFORCED BAR
RECT RECTANGULAR
REF REFERENCE
REFP REFERENCE POINT
REINFORCED, REINFORCEMENT, REINFORCING
REL RELOCATE, RELOCATED
REM REMOTE
REPL REPLACEMENT
REQD REQUIRED
RESIL RESILIENT
RET RETAINING
REV REVISED, REVISION
RF RADIO FREQUENCY
RFI REQUEST FOR INFORMATION
RGS RIGID GALVANIZED STEEL
RH RIGHT-HAND
RM RESTRICTED MANUAL, ROOM
R-M ROAD MIXED
RO ROUGH OPENING
ROW RIGHT-OF-WAY
RP RADIUS POINT
RR RAILROAD, RUNNING RAIL

R CONTINUED

RRR RESURFACING, RESTORATION, REHABILITATION (3R)
RRRR RESURFACING, RESTORATION, REHABILITATION, RECONSTRUCTION (4R)
RRX RAILROAD GRADE CROSSING
R&S REMOVE AND SALVAGE
RSP ROCK SLOPE PROTECTION
RT RESILIENT TILE, RIGHT ROUTE
RTE REMOTE TERMINAL UNIT
RTU RETAINING WALL
RW RIGHT-OF-WAY
R/W RAIN WATER LEADER
RWY RAILWAY

S

S SOUTH, SLOPE
SAE STRUCTURE APPROACH EMBANKMENT
SALV SALVAGE
SAPP STRUCTURAL ALUMINUM PLATE PIPE
SB SOUTHBOUND
SC SPIRAL TO CURVE, SWITCH CABLE
SCADA SUPERVISORY CONTROL AND DATA ACQUISITION
SCAT SIMPLE CATENARY - AUTO TENSION
SCB SUBSTATION CONTROL BUILDING
SCC STATION CONTROL CENTER
SCD SEAT COVER DISPENSER
SCFT SIMPLE CATENARY - FIXED TENSION
SCHD SCHEDULE
SCN SECURITY CLASSIFICATION NUMBERS
SCPE SEISMIC CAPACITY AND PERFORMANCE EVALUATION
SCSP SLOTTED CORRUGATED STEEL PIPE
SD STORM DRAIN
SDB SYSTEM DUCT BANK
SDC SEISMIC DESIGN CRITERIA
SDOF SINGLE DEGREE OF FREEDOM
SE SUPER ELEVATION
SECT SECTION
SECTLEG SECTIONALIZING
SEM SEQUENTIAL EXCAVATION METHOD
SEP SEPARATION
SERV SERVICE
SF SPRING FROG
SFS SANTA FE SPRINGS
SG SUBGRADE
SHA SEISMIC HAZARDS ANALYSIS
SHLD SHOULDER
SHS STATE HIGHWAY SYSTEM
SHT SHEET
SI SECTION INSULATOR, SITE INVESTIGATION
SIG SIGNAL
SIM SIMILAR
SLAN PASSENGER STATION LOCAL AREA NETWORK
SM SELECTED MATERIAL
SMF SOLID MANGANESE FROG, SINGLE MODE FIBER
SNF SWING NOSE FROG
SNTP SIMPLE NETWORK TIME PROTOCOL
SP SPARE
SPC SPECIAL
SPEC SPECIFICATION
SPKR SPEAKER
SPL SAFETY PERFORMANCE LEVEL
SPS SMALL PART STEELWORK
SPST SINGLE POLE SINGLE THROW
SPT STANDARD PENETRATION TEST
SQ SQUARE
SR SYSTEM REQUIREMENT, STATE ROUTE
SRRA SAFETY ROADSIDE REST AREA
SRSS SQUARE ROOT OF SUM OF SQUARES
SS SLOPE STAKE, SUBSTATION
S/SPAN STEADY SPAN
SSI SOIL STRUCTURE INTERACTION
SSK SERVICE SINK
SSPA STRUCTURAL STEEL PLATE ARCH
SSPP STRUCTURAL STEEL PLATE PIPE
SSPPA STRUCTURAL STEEL PLATE PIPE ARCH
SSRP STEEL SPIRAL RIB PIPE
SST STAINLESS STEEL

S CONTINUED

SSW STEADY SPAN WIRE
SS SANITARY SEWER
ST SPIRAL TO TANGENT, STREET
STA STATION, STATIONING
STBB SINGLE THRIE BEAM BARRIER
STD STANDARD
STC SINGLE TRACK CANTILEVER
STIFF STIFFENER
STL STEEL
STOR STORAGE
STP SHIELDED TWISTED PAIR CABLE
STR STRUCTURAL, STRUCTURE
STS SPIRAL TANGENT SPIRAL
STW STATIC WIRE
SUPV SUPERVISORY
SURF SURFACING
SUSP SUSPENDED
SW SOUNDWALL, SOFTWARE
SWA SINGLE WIRE ANCHOR
SWAT SINGLE WIRE AUTO TENSIONED
SWFT SINGLE WIRE - FIXED TERMINATION
SWGR SWITCHGEAR
SWK SIDEWALK
SWPPP STORM WATER POLLUTION PREVENTION PLAN
SWR SEWER
SWS SWITCHING STATION
SWT SWITCH
SYM SYMMETRICAL

T

T TREAD
TAN TANGENT
TASAS TRAFFIC ACCIDENT SUREILLANCE ANALYSIS SYSTEM
T&B TOP AND BOTTOM
TBD TO BE DETERMINED
TBM TUNNEL BORING MACHINE
TCL TRACK CENTERLINE
TC TRAIN CONTROL
TCB TRAFFIC CONTROL BOX
TCC TRAIN CONTROL AND COMMUNICATIONS
TCCR TRAIN CONTROL AND COMMUNICATIONS ROOM
TCCCT TRACK CIRCUIT
TCE TEMPORARY CONSTRUCTION EASEMENT
TCP/IP TRANSMISSION CONTROL PROTOCOL/INTERNET PROTOCOL
TCR TRANSMISSION COMMUNICATIONS ROOM
TD TRENCH DRAIN, TIME DELAY
TDA TIRE DERIVED AGGREGATE
TDD TELECOMMUNICATIONS DEVICE FOR THE DEAF
TDM TIME DIVISION MULTIPLEXING
TEL TELEPHONE
TEMP TEMPORARY
TERM TERMINATION
TES TRACTION ELECTRIFICATION SYSTEM
TESC TEMPORARY EROSION AND SETTLEMENT CONTROL
TETEL TRAIN EMERGENCY TELEPHONE/SPEAKERPHONE
TFE TETRAFLUROETHYLENE
TG TOP OF GRADE
THK THICK
TIS TELEPHONE AND INTERCOM SYSTEM
TK TRACK
TL TENSION LENGTH
TM TECHNICAL MEMORANDUM
TMP TEMPERATURE
TO TURNOUT, TELECOM OUTLET
TOC TOP OF CURB
TOG TOP OF GRATE
TOL TOLERANCE
TOLR TOP OF LOW RAIL
TOF TOP OF FOUNDATION
TOFG TOP OF FINISH GRADE
TOP TOP OF PAVEMENT
TOR TOP OF RAIL

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DESIGNED BY C. CUSSON
DRAWN BY C. CUSSON
CHECKED BY C. LEE
IN CHARGE C. LEE
DATE 07/15/2021

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
ACRONYMS AND ABBREVIATIONS
SHEET 3 OF 5

CONTRACT NO. HSR14-39
DRAWING NO. GE-C0303
SCALE NO SCALE
SHEET NO.

Table with columns: REV, DATE, BY, CHK, APP, DESCRIPTION

T CONTINUED

W CONTINUED

TRACK GEOMETRY - HORIZONTAL

UNITS OF MEASUREMENT

TOS TOP OF SLOPE
 TOT TOP OF TIE,
 TOTAL
 TOW TOP OF WALL
 TP TELEPHONE POLE,
 TRACTION POWER
 TPB TREATED PERMEABLE BASE
 TPD TOILET PAPER DISPENSER
 TPF TRACTION POWER FACILITY
 TPM TREATED PERMEABLE MATERIAL
 TPS TRACTION POWER SUPPLY SYSTEM
 TPSS TRACTION POWER SUBSTATION
 (INCLUDING PARALLEL AND SWITCHING STATIONS)
 T/R TOP OF RAIL ELEVATION
 TRANS TRANSVERSE,
 TRANSITION
 TRK TRACK
 TS TRAFFIC SIGNAL,
 TANGENT TO SPIRAL,
 TUBULAR STEEL
 TSI TECHNICAL SPECIFICATIONS FOR INTEROPERABILITY
 TSM TRAFFIC SYSTEMS MANAGEMENT
 TSMP TRAFFIC SYSTEMS MANAGEMENT PLAN
 TTC TWO TRACK CANTILEVER
 TTEL TRAIN EMERGENCY SPEAKERPHONE
 TV TELEVISION
 TVS(S) TICKET VENDING MACHINE(S)
 TW TIE WIRE
 TWC TIME WARNER CABLE
 TWT TIME WARNER TELEPHONE
 TYP TYPICAL

W/ WITH
 WA WORK AREA
 WB WESTBOUND
 WC WATER CLOSET
 WCS WIRELESS COMMUNICATIONS SYSTEM
 WD WOOD
 WLAN WIRELESS LOCAL AREA NETWORK
 WM WIRE MESH
 W/O WITHOUT
 WP WORK POINT,
 WOOD POLE
 WPF WATERPROOF
 WPC WAYSIDE POWER CUBICLES
 WR WIRE RUN
 WRT WITH RESPECT TO
 WS WATER SURFACE,
 WORK STATION
 WSP WELDED STEEL PIPE
 WT WEIGHT
 WV WATER VALVE
 WW WINGWALL,
 WALKWAY
 WWF WELDED WIRE FABRIC
 WWJCL WELDED STEEL PIPE
 WWLOL WINGWALL LAYOUT LINE
 WWW WELDED WIRE MESH

BC BEGIN HORIZONTAL CURVE
 CC COMPOUND CURVE
 CS POINT OF CHANGE FROM CIRCULAR CURVE TO SPIRAL
 K1 TANGENT DISTANCE PF SHIFT PC REFERENCE
 TO THE TS
 K2 TANGENT DISTANCE PF SHIFT PT REFERENCE
 TO THE ST
 LC LENGTH OF CIRCULAR CURVE
 Ls1 LENGTH OF SPIRAL FROM TS TO SC
 Ls2 LENGTH OF SPIRAL FROM CS TO ST
 LSc LENGTH OF COMPOUND SPIRAL FROM CS TO SC
 p1 OFFSET FROM INITIAL TANGENT TO PC OF THE
 SHIFTED CIRCLE OF SPIRALIZED CURVE
 p2 OFFSET FROM INITIAL TANGENT TO PT OF THE
 SHIFTED CIRCLE OF SPIRALIZED CURVE
 PC POINT OF CURVATURE
 PCC POINT OF COMPOUND CURVE
 PF POINT OF FROG
 PI POINT OF INTERSECTION
 PITO POINT OF INTERSECTION TURNOUT
 POC POINT ON HORIZONTAL CURVE
 POE POINT OF ENDING
 POS POINT ON SPIRAL
 POVc POINT ON VERTICAL CURVE
 POVT POINT ON VERTICAL TANGENT
 PRC POINT OF REVERSE CURVE
 PRVC POINT OF REVERSE VERTICAL CURVE
 PS POINT OF SWITCH
 PT POINT OF TANGENT
 SC POINT OF CHANGE FROM SPIRAL TO CIRCULAR CURVE
 SPO POINT ON ORIGIN OF COMPOUND SPIRAL
 SS POINT OF CHANGE BETWEEN SPIRALS
 SSC SPIRAL TO SPIRAL POINT OF CURVATURE
 ST POINT OF CHANGE FROM SPIRAL TO TANGENT
 TC POINT OF CHANGE FROM TANGENT TO CURVE
 TS POINT OF CHANGE FROM TANGENT TO SPIRAL
 Ts1 TANGENT DISTANCE FROM TS TO PI
 Ts2 TANGENT DISTANCE FROM ST TO PI
 Xs1 TANGENT OFFSET AT THE SC
 Xs2 TANGENT OFFSET AT THE CS
 Δ TOTAL CENTRAL ANGLE OF THE SPIRALIZED CURVE
 Δc CENTRAL ANGLE OF CIRCULAR CURVE (Lc) FROM
 SC TO CS
 Δc1 CENTRAL ANGLE OF FIRST CIRCULAR CURVE OF
 COMPOUND CURVATURE
 Δc2 CENTRAL ANGLE OF SECOND CIRCULAR CURVE OF
 COMPOUND CURVATURE
 θs1 CENTRAL ANGLE OF SPIRAL LENGTH Ls1 OR SPIRAL
 ANGLE OF FIRST SPIRAL IN SPIRALIZED CURVE
 θs2 CENTRAL ANGLE OF SPIRAL LENGTH Ls2 OR SPIRAL
 ANGLE OF SECOND SPIRAL IN SPIRALIZED CURVE
 θsc CENTRAL ANGLE OF COMPOUND SPIRAL OR
 COMPOUND SPIRAL ANGLE FROM CS TO SC

Ac ACRES
 AMP AMPERES
 BTU BRITISH THERMAL UNIT
 CAL CALIPER
 CF CUBIC FEET
 CP CANDLE POWER
 CY CUBIC YARD
 dB DECIBEL
 DEG DEGREE
 DIA DIAMETER
 Eu UNBALANCED SUPERELEVATION
 F FARENHEIT
 FT FOOT,
 FEET
 g ACCELERATION DUE TO GRAVITY
 GA GAUGE
 GAL GALLON
 GB GIGABYTE
 GBPS GIGABITS PER SECOND
 GHZ GIGAHERTZ
 HR HOUR
 HT HEIGHT
 Hz HERTZ
 ID INSIDE DIAMETER
 IF INSIDE FACE
 IN INCHES
 IR INSIDE RADIUS
 K KIPS (1000 POUNDS)
 KCMIL THOUSAND CIRCULAR MILS
 KHz KILOHERTZ
 KSF KIPS PER SQUARE FOOT
 KSI KIPS PER SQUARE INCH
 KV KILOVOLTS
 KVA KILOVOLTS-AMPERE
 KVAR KILOVOLTS-AMPERE REACTIVE
 KW KILOWATT
 KWH/D KILOWATT HOUR / DEMAND
 L LENGTH
 LB POUNDS
 LB/FT POUNDS PER FOOT
 LF LINEAR FOOT
 m METER
 MBPS MEGABITS PER SECOND
 MCM THOUSAND CIRCULAR MILS
 MHz MEGAHERTZ
 mm MILLIMETER
 MPH MILES PER HOUR
 MVA MEGAVOLT-AMPERE
 MW MEGAWATT
 OD OUTSIDE DIAMETER
 PSF POUNDS PER SQUARE FOOT
 PSI POUNDS PER SQUARE INCH
 PSIG POUNDS PER SQUARE INCH GAUGE
 SEC SECOND
 SF SQUARE FEET
 SY SQUARE YARD
 TF TRACK FEET
 VA VOLTS
 VAC VOLT-AMPERE
 VO VOLATILE
 Y YARDS
 YR(S) YEAR(S)

X

X/CAT CROSS CANTENARY
 XD TRANSDUCER
 XFMR TRANSFORMER
 XO CROSSOVER
 XOST CROSSOVER SPRING TENSIONER
 XSEC CROSS SECTION
 X/SPAN CROSS SPAN
 XING CROSSING
 XMITTER TRANSMITTER

Δc1 CENTRAL ANGLE OF FIRST CIRCULAR CURVE OF
 COMPOUND CURVATURE
 Δc2 CENTRAL ANGLE OF SECOND CIRCULAR CURVE OF
 COMPOUND CURVATURE
 θs1 CENTRAL ANGLE OF SPIRAL LENGTH Ls1 OR SPIRAL
 ANGLE OF FIRST SPIRAL IN SPIRALIZED CURVE
 θs2 CENTRAL ANGLE OF SPIRAL LENGTH Ls2 OR SPIRAL
 ANGLE OF SECOND SPIRAL IN SPIRALIZED CURVE
 θsc CENTRAL ANGLE OF COMPOUND SPIRAL OR
 COMPOUND SPIRAL ANGLE FROM CS TO SC
TRACK GEOMETRY - VERTICAL
 BVC BEGIN VERTICAL CURVE
 Eo ACTUAL SUPERELEVATION
 EVC END VERTICAL CURVE
 PCVC POINT OF COMPOUND VERTICAL CURVE
 POVc POINT ON VERTICAL CURVE
 POVT POINT ON VERTICAL TANGENT
 PVI POINT OF VERTICAL INTERSECTION
 VC VERTICAL CURVE
 VPI VERTICAL POINT OF INTERSECTION

U

UB UTILITY BOX
 UBC UNIFORM BUILDING CODE
 UC UNDERCROSSING
 UD UNDERDRAIN
 UG UNDERGROUND,
 UNDERGRADE
 UGB UNDERGRADE BRIDGE
 UI USER INTERFACE
 UNINS UNINSULATED
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UPS UNINTERRUPTIBLE POWER SUPPLY
 UR URINAL
 UrEDAS URGENT EARTHQUAKE DETECTION AND ALARM SYSTEM
 USCS UNIFIED SOIL CLASSIFICATION SYSTEM
 UTIL UTILITY
 UTPUN SHIELDED TWISTED PAIR
 UWP UPPER WORKING POINT

V

V VELOCITY,
 DESIGN SPEED,
 VALVE
 VAC VOLTS ALTERNATING CURRENT
 VAR VARIABLE,
 VARIES
 VCAT VIRTUAL CONCETENATION
 VCE VERTICAL CIRCULATION ELEMENT
 VCP VITRIFIED CLAY PIPE
 VCT VINYL COMPOSITION TILE
 VCD VOLT DC
 VE VALUE ENGINEERING
 VERT VERTICAL
 VEST VESTIBULE
 VIA VIADUCT
 VLAN VIRTUAL LOCAL AREA NETWORK
 VMS VARIABLE MESSAGE SIGN,
 VARIABLE MESSAGE SYSTEM
 VOL VOLTIMETER,
 VOLUME
 VOIP VOICE OVER INTERNET PROTOCOL
 VPN VIRTUAL PRIVATE NETWORK
 VRCS VOICE RADIO COMMUNICATIONS SYSTEM
 VS VOLTAGE SWITCH
 VT VOLTAGE TRANSFORMER/TRANSDUCER

W

W WEST,
 WIDTH

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REV	DATE	BY	CHK	APP	DESCRIPTION

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C. CUSSON
 CHECKED BY
C. LEE
 IN CHARGE
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07/15/2021

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
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CONTRACT NO.
 HSR14-39
 DRAWING NO.
 GE-C0304
 SCALE
 NO SCALE
 SHEET NO.

(AGENCIES/ORGANIZATIONS/REFERENCE)

AAR ASSOCIATION OF AMERICAN RAILROADS
 AASHTO AMERICAN ASSOCIATION OF STATE HIGHWAY TRANSPORTATION OFFICIALS
 ACI AMERICAN CONCRETE INSTITUTE
 ADA AMERICAN WITH DISABILITIES ACT (FEDERAL)
 AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
 AMTRAK NATIONAL RAILROAD PASSENGER CORPORATION
 ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
 ANSS ADVANCED NATIONAL SEISMIC SYSTEM
 APWA AMERICAN PUBLIC WORKS ASSOCIATION
 AREA AMERICAN RAILWAY ENGINEERING ASSOCIATION
 AREMA AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION
 ARTIC ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER
 ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASTM ASTM INTERNATIONAL, AMERICAN SOCIETY OF TESTING AND MATERIALS
 ATC APPLIED TECHNOLOGY COUNCIL
 AUTHORITY CALIFORNIA HIGH-SPEED RAIL AUTHORITY
 AWS AMERICAN WELDING SOCIETY
 BART BAY AREA RAPID TRANSIT DISTRICT
 BDA BRIDGE DESIGN AIDS (CALTRANS)
 BDD BRIDGE DESIGN DETAILS (CALTRANS)
 BDP BRIDGE DESIGN PRACTICE (CALTRANS)
 BDS BRIDGE DESIGN SPECIFICATIONS (CALTRANS)
 BKLN BIKE LANE
 BNSF BURLINGTON NORTHERN SANTA FE RAILWAY, BNSF RAILWAY
 CALNET CALIFORNIA INTEGRATED TELECOMMUNICATIONS NETWORK
 CALTRANS CALIFORNIA DEPARTMENT OF TRANSPORTATION
 CBC CALIFORNIA BUILDING CODE
 CBDM CALIFORNIA DEPARTMENT OF TRANSPORTATION-BRIDGE DESIGN MANUAL
 CCR CALIFORNIA CODE OF REGULATIONS
 CDC CALIFORNIA HIGH-SPEED TRAIN DESIGN CRITERIA
 CEC CALIFORNIA ELECTRIC CODE
 CEQA CALIFORNIA ENVIRONMENTAL QUALITY ACT
 CFR CODE OF FEDERAL REGULATIONS
 CHD COUNTY HEALTH DEPARTMENT
 CHP CALIFORNIA DEPARTMENT OF HIGHWAY PATROL (STATE)
 CHST CALIFORNIA HIGH-SPEED TRAIN
 CHSTP CALIFORNIA HIGH-SPEED TRAIN PROJECT
 CIWMB CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD
 CPH CALIFORNIA PERMIT HANDBOOK
 CPUC CALIFORNIA PUBLIC UTILITIES COMMISSION
 CRR COMMUTER RAIL PROGRAM (STATE)
 DOD DEPARTMENT OF DEFENSE (FEDERAL)
 DOT DEPARTMENT OF TRANSPORTATION (FEDERAL)
 DTX DOWNTOWN EXTENSION (CALTRAIN)
 EIRENE EUROPEAN INTEGRATED RADIO ENHANCED NETWORK
 ERTMS EUROPEAN RAIL TRAFFIC MANAGEMENT SYSTEM
 FAA FEDERAL AVIATION ADMINISTRATION
 FCC FEDERAL COMMUNICATIONS COMMISSION
 FEMA FEDERAL EMERGENCY MANAGEMENT AGENCY
 FHWA FEDERAL HIGHWAY ADMINISTRATION
 FMFCD FRESNO METROPOLITAN FLOOD CONTROL DISTRICT
 FRA FEDERAL RAILROAD ADMINISTRATION
 FSTIP FEDERAL STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
 FTA FEDERAL TRANSIT ADMINISTRATION
 GBR GEOTECHNICAL BASELINE REPORT
 GBR-B GEOTECHNICAL BASELINE REPORT FOR BIDDING
 GBR-C GEOTECHNICAL BASELINE REPORT FOR CONSTRUCTION
 GDR GEOTECHNICAL DATA REPORT
 IEEE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 ISO INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
 LACFCD LOS ANGELES COUNTY FLOOD CONTROL DEPARTMENT
 LADWP LOS ANGELES DEPARTMENT OF WATER AND POWER
 LAUS LOS ANGELES UNION STATION
 LTC LOCAL TRANSPORTATION COMMISSION
 METRO LOS ANGELES COUNTY METROPOLITAN TRANSIT AUTHORITY
 MTA METROPOLITAN TRANSIT AUTHORITY
 MUTCD MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
 MWD METROPOLITAN WATER DISTRICT
 NAAQS NATIONAL AMBIENT AIR QUALITY STANDARDS
 NAC NOISE ABATEMENT CRITERIA
 NBSSR NOISE BARRIER SCOPE SUMMARY REPORT

(AGENCIES/ORGANIZATIONS/REFERENCE CONTINUED)

NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
 NENA NATIONAL EMERGENCY NUMBER ASSOCIATION
 NESC NATIONAL ELECTRICAL SAFETY CODE
 NFPA NATIONAL FIRE PROTECTION ASSOCIATION
 NIST NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
 OCFCD ORANGE COUNTY FLOOD CONTROL DISTRICT
 OCTA ORANGE COUNTY TRANSPORTATION AUTHORITY
 OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
 PEER PACIFIC EARTHQUAKE ENGINEER RESEARCH
 PG&E PACIFIC GAS AND ELECTRIC COMPANY
 PUC PUBLIC UTILITIES COMMISSION
 RSA RAIL SAFETY IMPROVEMENT ACT (2008)
 RWOCB REGIONAL WATER QUALITY CONTROL BOARD (STATE)
 SAVE SOCIETY OF AMERICAN VALUE ENGINEERS
 SCE SOUTHERN CALIFORNIA EDISON
 SCRRA SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY (METROLINK)
 SDG&E SAN DIEGO GAS AND ELECTRIC COMPANY
 SDNR SAN DIEGO NORTHERN RAILWAY
 SHOPP STATE HIGHWAY OPERATION AND PROTECTION PROGRAM (FORMERLY HSOPP)
 SHPO STATE HISTORIC PRESERVATION OFFICER (STATE)
 SJRRA SAN JOAQUIN REGIONAL RAIL AUTHORITY
 SMUD SACRAMENTO MUNICIPAL UTILITY DISTRICT
 SPTC SOUTHERN PACIFIC TRANSPORTATION COMPANY
 SSCOM SEISMIC SAFETY COMMISSION
 SSORC SAFETY AND SECURITY OVERSIGHT AND REVIEW COMMITTEE
 SVBX SILICON VALLEY BERRYESSA EXTENSION
 SVRT SILICON VALLEY RAPID TRANSIT
 UPRR UNION PACIFIC RAILROAD
 US UNITED STATES
 USCE UNITED STATES (ARMY) CORP OF ENGINEERS
 USCG UNITED STATES COAST GUARD
 USCS UNIFIED SOIL CLASSIFICATION SYSTEM
 VTA VALLEY TRANSPORTATION AUTHORITY (OF SANTA CLARA COUNTY)

(SEGMENT/COUNTY CODES AND SUBDIVISIONS)

AJ ALTAMONT PASS
 BP BAKERSFIELD TO PALMDALE
 FB FRESNO TO BAKERSFIELD
 FJ SAN FRANCISCO TO SAN JOSE
 JM SAN JOSE TO MERCED
 LD LOS ANGELES TO SAN DIEGO
 LO LOS ANGELES TO ANAHEIM
 MF MERCED TO FRESNO
 PL PALMDALE TO LOS ANGELES
 SM SACRAMENTO TO MERCED
 B BAY SUBDIVISION
 C CAPITAL SUBDIVISION
 D DESERT SUBDIVISION
 J SAN JACINTO SUBDIVISION
 P PACHECO SUBDIVISION
 S SIERRA SUBDIVISION
 T TONGVA SUBDIVISION
 ALA ALAMEDA
 ALP ALPINE
 AMA AMADOR
 BUT BUTTE
 CAL CALAVERAS
 CC CONTRA COSTA
 COL COLUSA
 DN DEL NORTE
 ED EL DORADO
 FRE FRESNO
 GLE GLENN
 HUM HUMBOLT
 IMP IMPERIAL
 INY INYO
 KER KERN
 KIN KINGS
 LA LOS ANGELES
 LAK LAKE
 LAS LASSEN
 MAD MADERA
 MEN MENDOCINO
 MER MERCED
 MNO MONO
 MOD MODOC
 MON MONTEREY
 MPA MARIPOSA
 MRN MARIN
 NAP NAPA
 NEV NEVADA
 ORA ORANGE
 PLA PLACER
 PLU PLUMAS
 RIV RIVERSIDE
 SAC SACRAMENTO
 SB SANTA BARBARA
 SBD SAN BERNARDINO
 SBT SAN BENITO
 SCL SANTA CLARA
 SCR SANTA CRUZ
 SD SAN DIEGO
 SF SAN FRANCISCO
 SHA SHASTA
 SIE SIERRA
 SIS SISKIYOU
 SJ SAN JOAQUIN
 SLO SAN LUIS OBISPO
 SM SAN MATEO
 SOL SOLANO
 SON SONOMA
 STA STANISLAUS
 SUT SUTTER
 TEH TEHAMA
 TRI TRINITY
 TUL TULARE
 TUO TUOLUMNE
 VEN VENTURA
 YOL YOLO
 YUB YUBA

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
 OPTION B REVISED ALIGNMENT - REVISED FINAL
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 ACRONYMS AND ABBREVIATIONS
 SHEET 5 OF 5

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 GE-C0305
 SCALE
 NO SCALE
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TRACK	CIVIL	CIVIL CONTINUED	CIVIL CONTINUED
EXISTING FREIGHT/PASSENGER TRACK	AGGREGATE BASE	ELEVATION (EXISTING)	POINT OF INTERSECTION SYMBOL
NEW MAINLINE AND/OR INDUSTRY TRACK (SEE TRACK PLANS FOR DESIGNATION)	ASPHALT CONCRETE	ELECTROLIER, ELECTROLIER ON POLE	POINT OF VERTICAL INTERSECTION
BALLAST	BEGIN OR END PLATFORM	EXISTING GUARD RAILING	POWER POLE
BUMPER/BUMPING POST	BIKE STAND	EXISTING WALL	PROPERTY LINE
CONCRETE	BREAK LINE	FENCE	RETAINING WALL
DERAIL-DENOTES DERAIL DIRECTION AND LOCATION OF SWITCH MACHINE (LEFT-HAND SHOWN)	BORINGS (EXISTING)	FIRE HYDRANT	RIVER, STREAMS, AND CREEKS
DOUBLE CROSSOVER	CENTERLINE	FLOW LINE	SECTION DESIGNATION (LETTER) DRAWING NO. ON WHICH SECTION AND DETAIL APPEARS
EARTH	CENTERLINE TEXT SYMBOL	GRADED/LANDSCAPED AREA	SECTION SCALE 1"=1'-0" SECTION OR DETAIL TITLE
EXISTING TRACK (TO BE REMOVED)	CLEAN OUT	GAS METER	SPOT ELEVATION
FRICTION BUFFER	COLUMN, BENT	GAS VALVE	TILDE (TERMINATOR)
INSULATED JOINT	CONCRETE	GUARD POST	SIGNALIZED INTERSECTION
INSULATED JOINT LOCATIONS-BOTH RAIL	CONCRETE BARRIER	GUARD RAIL	STATION EQUATION
INSULATED JOINT LOCATIONS-LEFT RAIL	CONTOUR LINE	GRAVEL OR DIRT ROAD	STREET LIGHT
INSULATED JOINT LOCATIONS-RIGHT RAIL	CONTROL PANEL	GUY WIRE	STREET LIGHT POWER POLE
POINT OF CURVATURE	CONTROL POINT OR STREET INTERSECTION POINT	HIGH MAST LIGHTING	STREET LIGHT TRAFFIC SIGNAL
POINT OF SWITCH-DENOTES SWITCH MACHINE LOCATION	COORDINATE GRID CROSSAIR	HORIZONTAL & VERTICAL CONTROL MONUMENT	STREET SIGN
PREPARED SUBGRADE	CURB WITH GUTTER (CURB-LIP, FLOW LINE, BACK-TOP OF CURB)	HORIZONTAL CONTROL MONUMENT	STRUCTURE CLEARANCE ENVELOPE
RAIL LUBRICATOR-DIRECTION OF TRAVEL, (DT), TWO RAIL LUBRICATORS SHOWN	CURVE NUMBER	ICV	SUPER AXIS OF ROTATION
SINGLE CROSSOVER (LEFT-HAND SHOWN)	CURVE NUMBER (TRACK GEOMETRY)	MAIL BOX	TELEPHONE BOOTH
SPECIAL RAIL	TANGENT NUMBER	MANHOLE	TELEPHONE POLE
STANDARD BOLTED JOINT	DITCH/DRAINAGE FLOW LINE	MATCH LINE (DWG NO.)	TEMPORARY RAILING (TYPE K)
STANDARD RAIL	DOUBLE THRIE BEAM BARRIER	MATCH LINE	TIRE DERIVED AGGREGATE
SUBBALLAST	DROP INLET	MATCH LINE	TRACK ALIGNMENT CENTER LINE
TURNOUT (RIGHT HAND SHOWN)	ROUND DROP INLET	MATCH LINE	TRAFFIC PANEL
WELDED JOINT	DETENTION BASIN	MATCH LINE	TRAFFIC SIGNAL
CONTROL POINT (CP)	EARTHWORK LIMITS	MATCH LINE	TRANSMISSION TOWER
WALKWAY/DRAINAGE ENVELOPE	ELEVATIONS	MATCH LINE	

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DESIGNED BY
C. CUSSON
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DATE
08/27/2021

PEPD RECORD SET

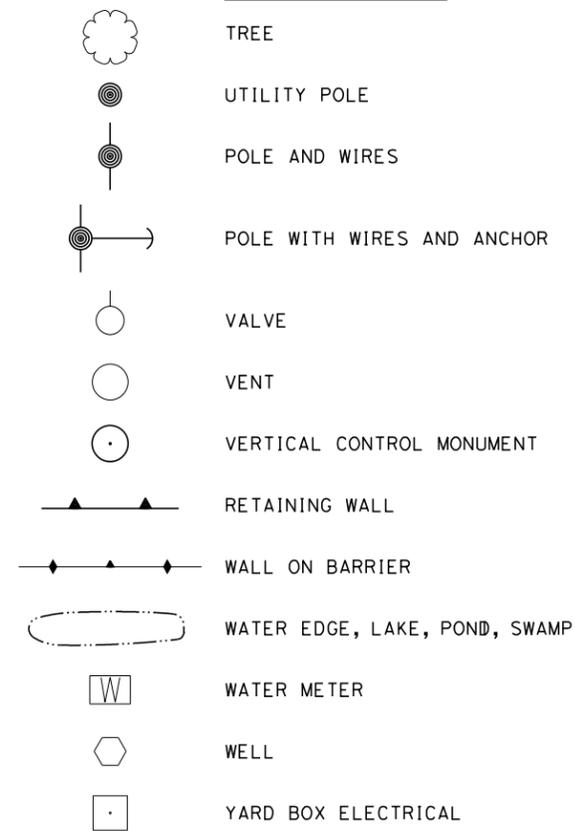
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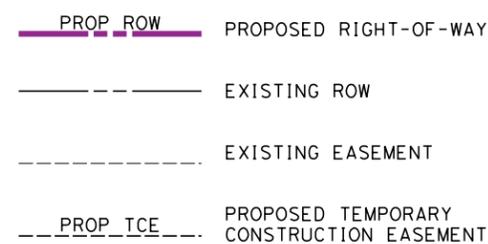
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
SYMBOLS
SHEET 1 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
GE-C0311
SCALE
NO SCALE
SHEET NO.

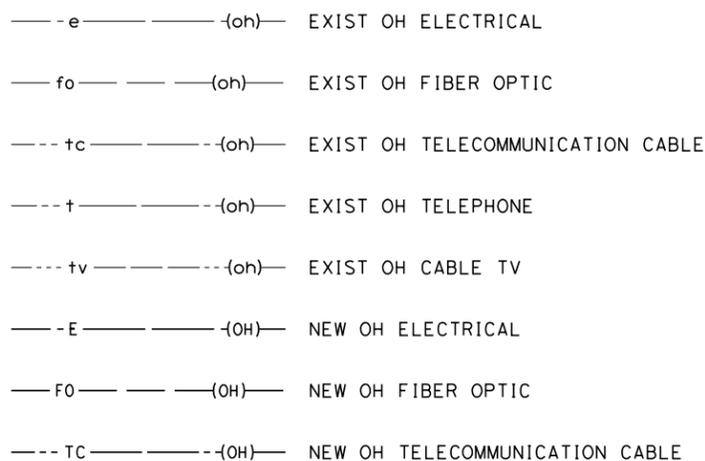
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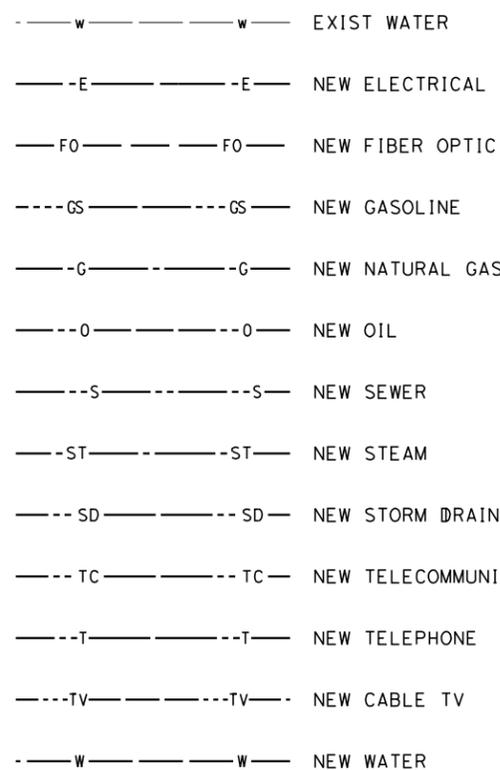
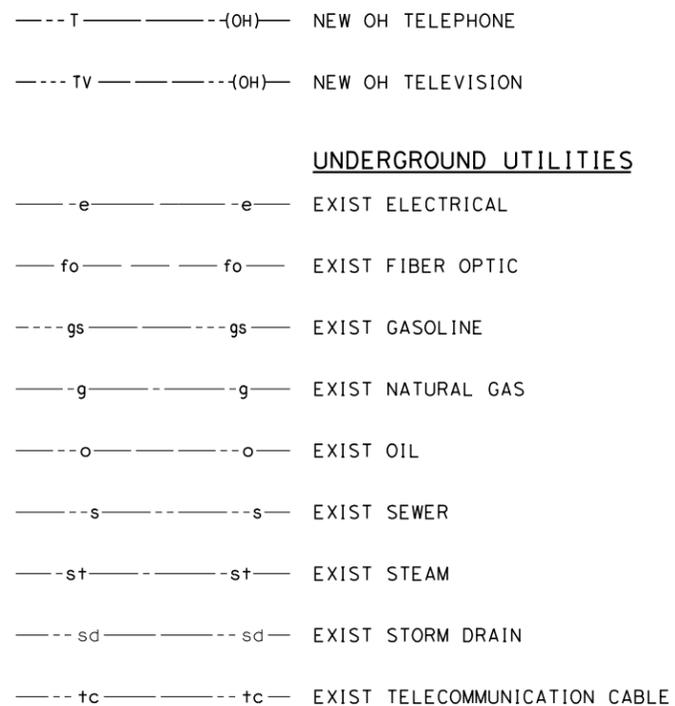
RIGHT-OF-WAY



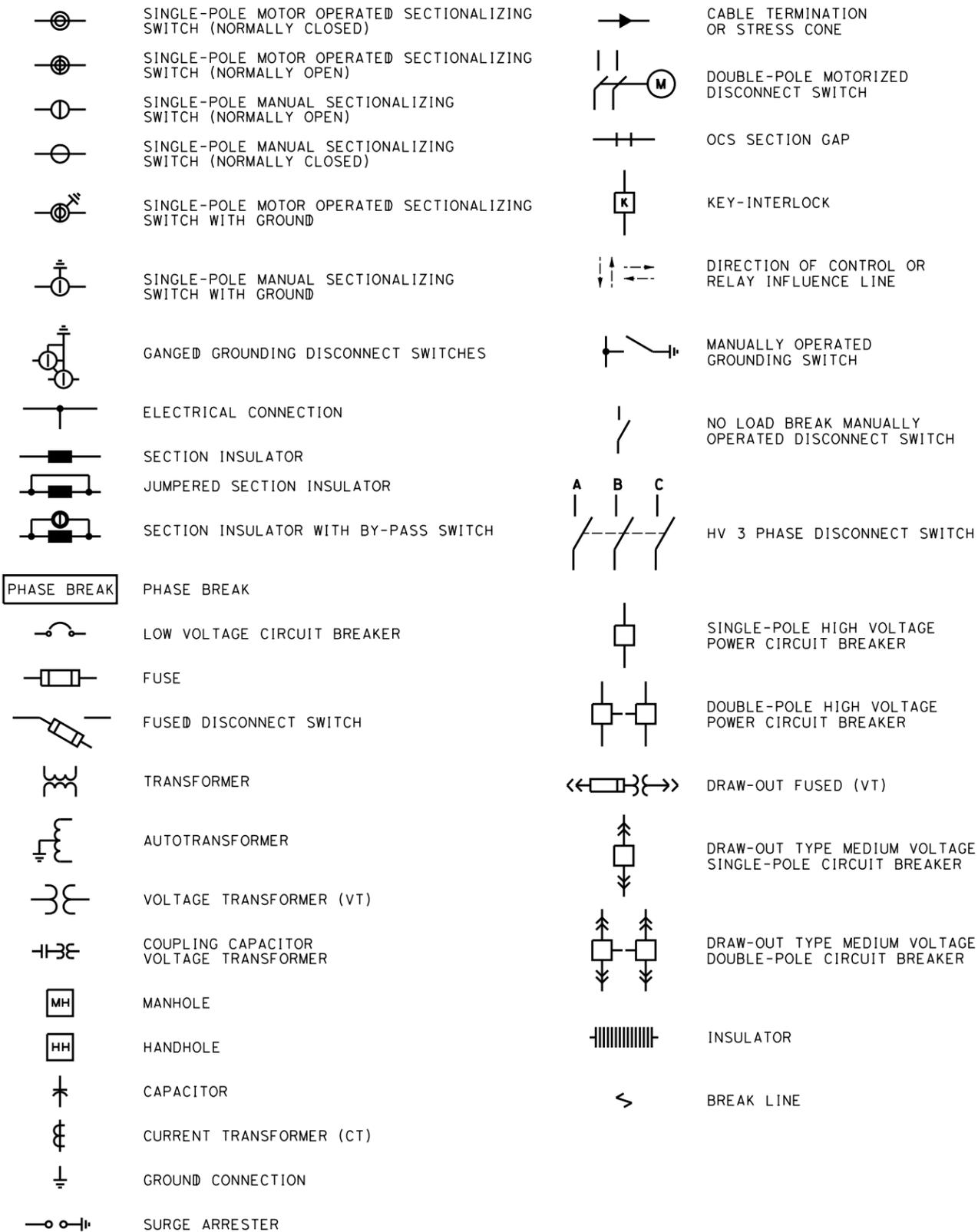
AERIAL UTILITIES



AERIAL UTILITIES CONTINUED



TRACTION POWER



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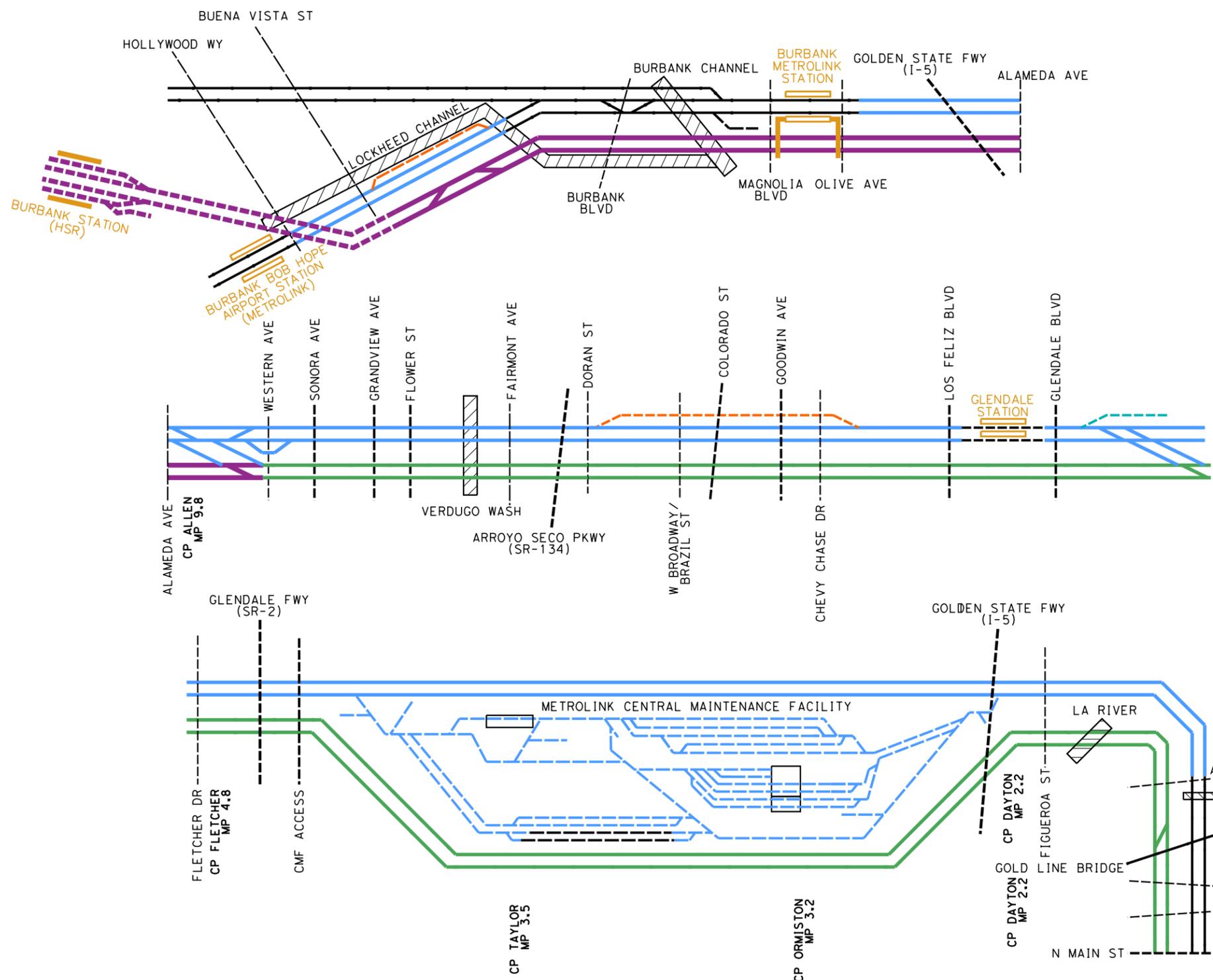
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
SYMBOLS
SHEET 2 OF 2

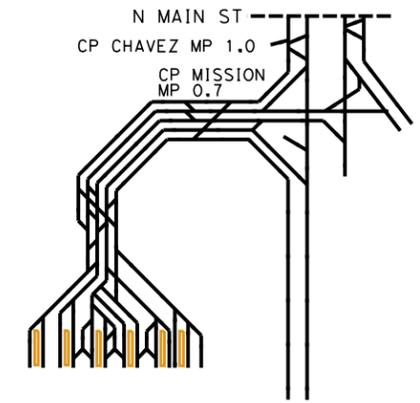
CONTRACT NO.
HSR14-39
DRAWING NO.
GE-C0312
SCALE
NO SCALE
SHEET NO.

8/27/2021 7:46:53 AM c:\jip\pwworkdir\jag_garyo\d0150140\k2L-GE-D6301.dgn GARYA



- LEGEND (TRACKWORK)**
- EXISTING FREIGHT/PASSENGER MAINLINE TRACK
 - - - EXISTING FREIGHT/PASSENGER SECONDARY TRACK
 - NEW AMTRAK/METROLINK/UPRR MAINLINE TRACK
 - NEW AMTRAK/METROLINK TRENCH/TUNNEL
 - - - NEW AMTRAK/METROLINK SECONDARY TRACK
 - NEW UPRR MAINLINE TRACK
 - - - NEW UPRR SECONDARY TRACK
 - · - · - NEW TERRY LUMBER SPUR TRACK
 - NEW HSR TRACK ELEVATED
 - NEW HSR TRACK AT GRADE
 - NEW HSR TRACK TRENCH/TUNNEL
 - NEW SHARED MAINLINE TRACK
 - - - NEW SHARED SECONDARY TRACK
 - NEW TRACK BRIDGE
- LEGEND (ROADWAY)**
- - - EXISTING AT-GRADE CROSSING
 - · - · - EXISTING GRADE SEPARATION (LOCAL STREET)
 - - - EXISTING GRADE SEPARATION (MAJOR HWY/FREEWAY)
 - · - · - NEW OR MODIFY GRADE SEPARATION
- LEGEND (GENERAL)**
- ▨ DRAINAGE SYSTEM

- ▭ EXISTING STATION PLATFORM
- └ EXISTING STATION PLATFORM WITH PEDESTRIAN BRIDGE/TUNNEL
- ▭ NEW STATION PLATFORM
- └ NEW STATION PLATFORM WITH PEDESTRIAN BRIDGE/TUNNEL



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FOR INTERNAL USE ONLY**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. CUSSON

DRAWN BY
C. CUSSON

CHECKED BY
K. PIRBAZARI

IN CHARGE
C. LEE

DATE
08/27/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

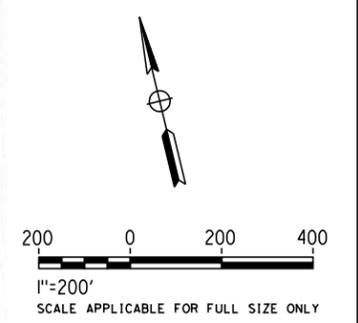
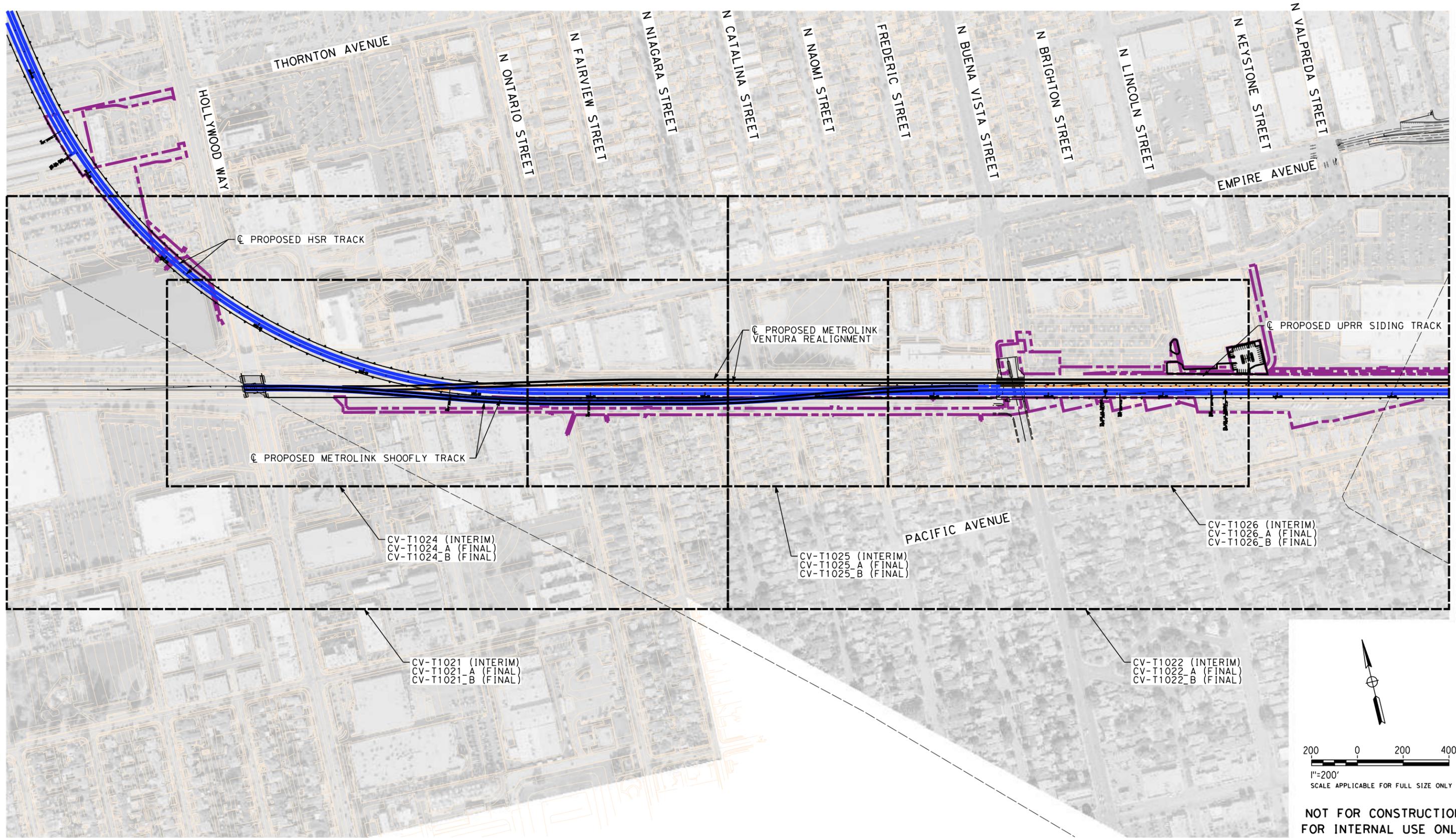
OPTION B REVISED ALIGNMENT - REVISED FINAL

PEPD

TRACK SCHEMATIC

CONTRACT NO. HSR14-39
DRAWING NO. GE-D6301
SCALE NO SCALE
SHEET NO.

7/13/2021 10:55:31 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0021.dgn



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

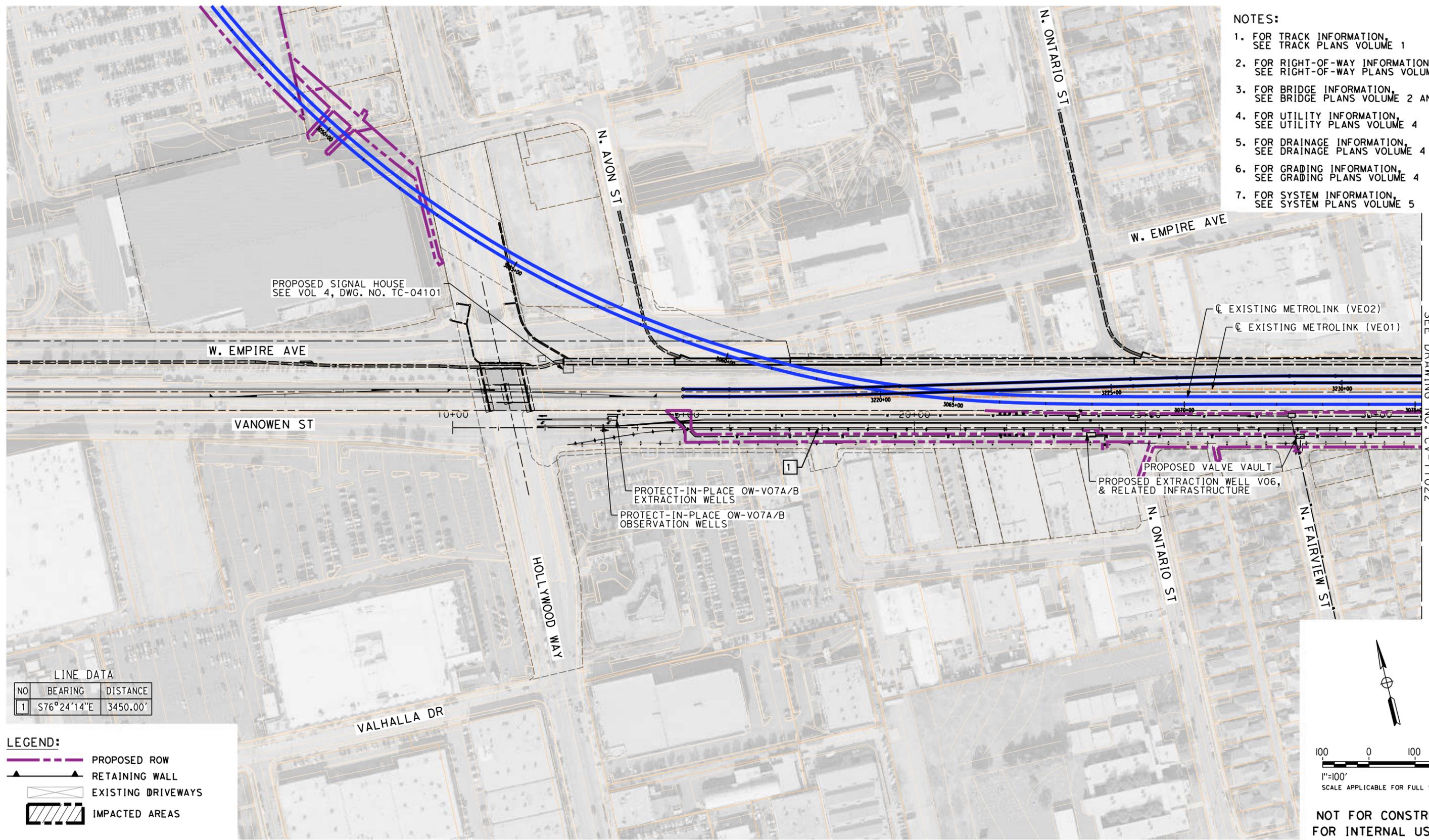


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEP. - VANOWEN ST/BUENA VISTA RD GRADE CROSSING
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0021
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

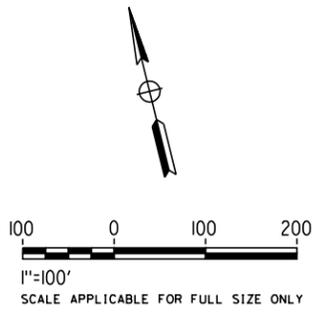


MATCH LINE - STA 63+00.00
SEE DRAWING NO. CV-T1022

LINE DATA

NO	BEARING	DISTANCE
1	S76°24'14"E	3450.00'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 10:57:34 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1021.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



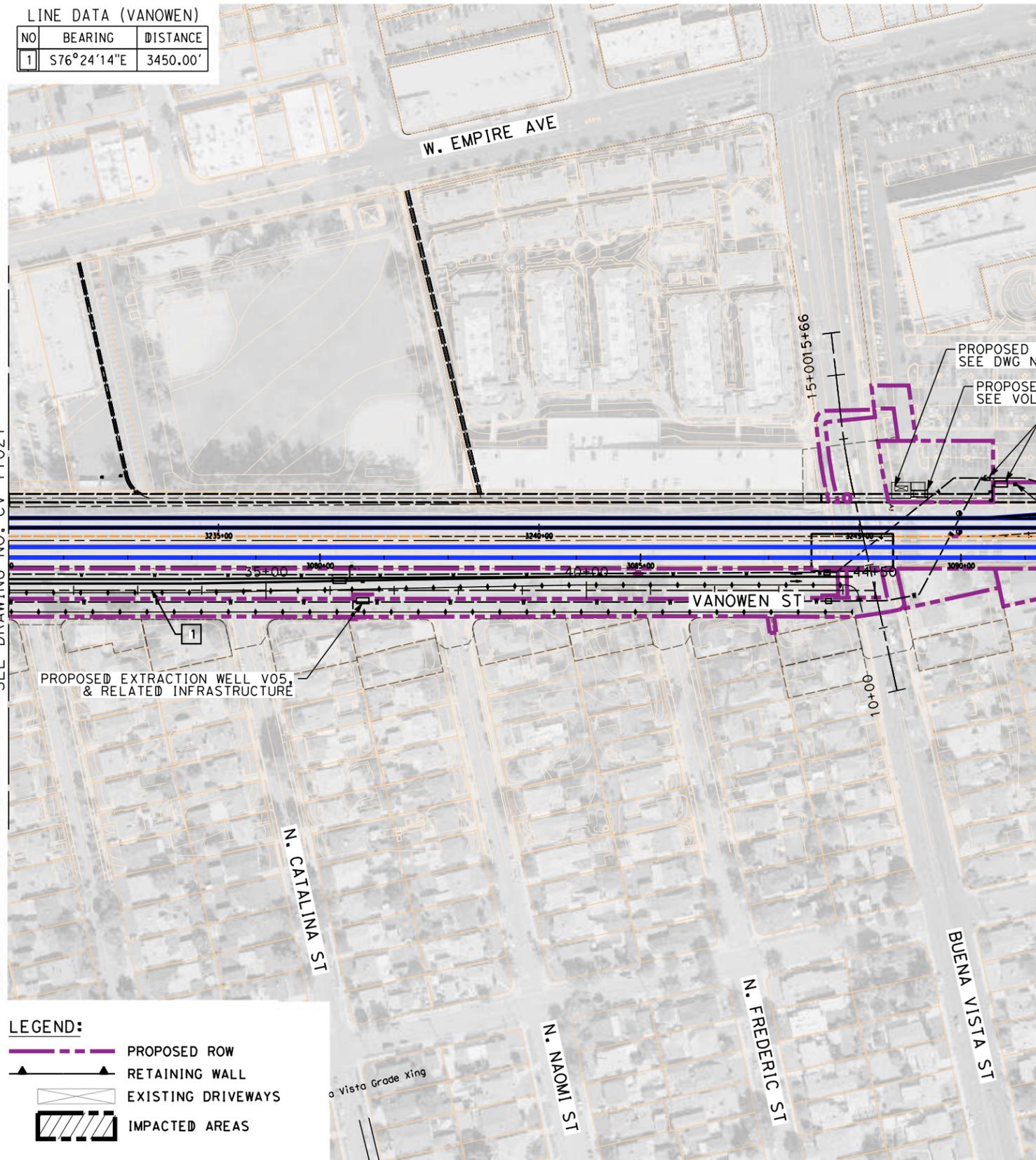
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROADWAY REALIGNMENT - VANOWEN ST
TEMPORARY ROAD REALIGNMENT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1021
SCALE
AS SHOWN
SHEET NO.

LINE DATA (VANOWEN)

NO	BEARING	DISTANCE
1	S76°24'14"E	3450.00'

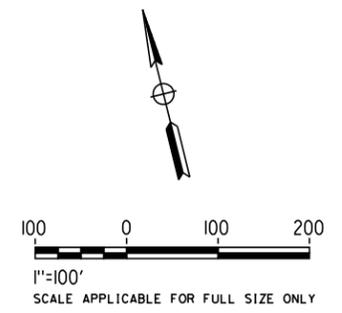


- NOTES:
- FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 - FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 - FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 - FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 - FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 - FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 - FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

MATCH LINE - STA 63+00.00
SEE DRAWING NO. CV-T1021

LEGEND:

	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS



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7/13/2021 10:59:25 AM c:\j\p\pwworkdir\jag_garyo\d0150139\K2L-CV-T1022.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROADWAY REALIGNMENT - VANOWEN ST
INTERIM ROAD REALIGNMENT PLAN

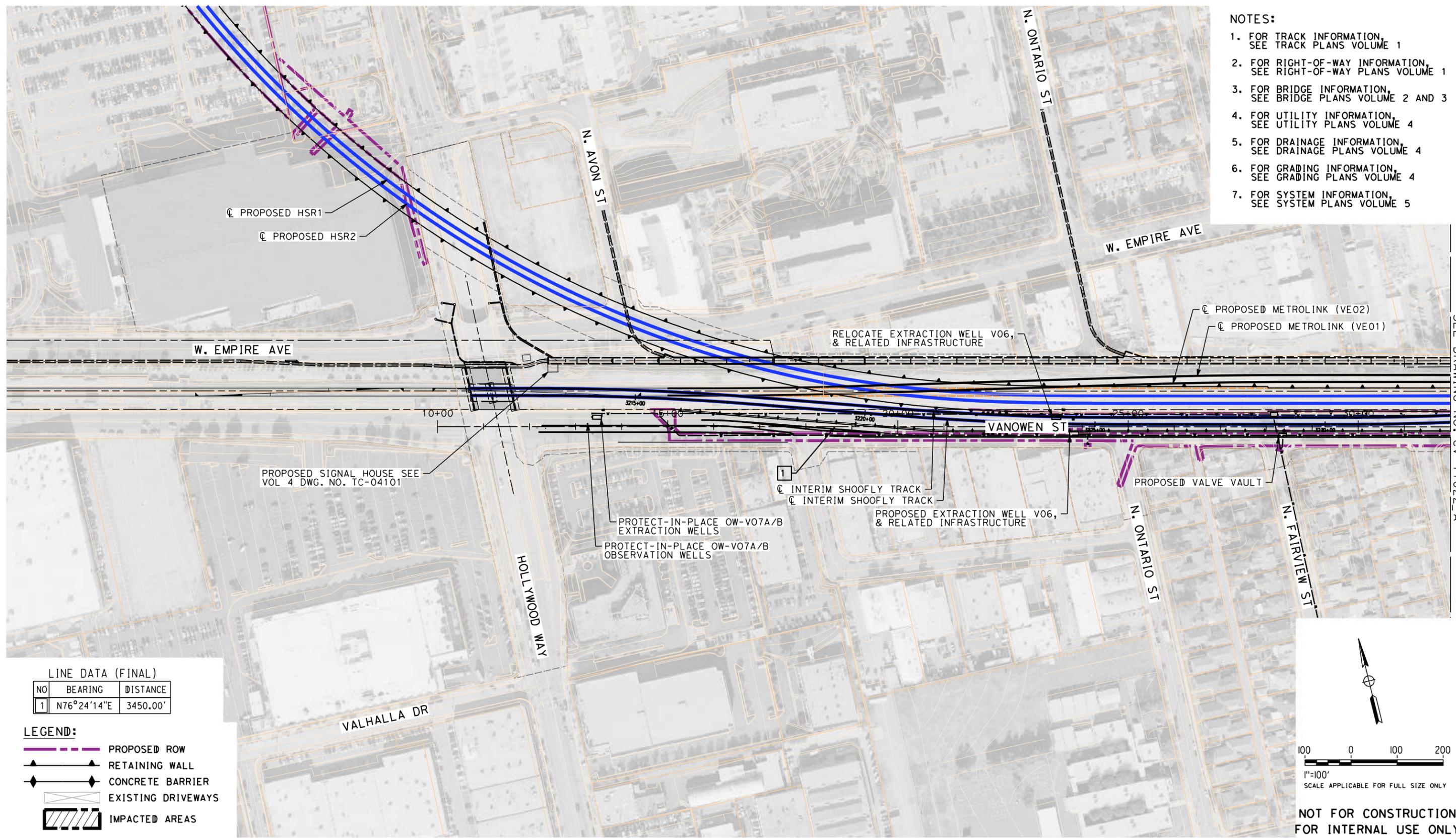
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1022

SCALE
AS SHOWN

SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

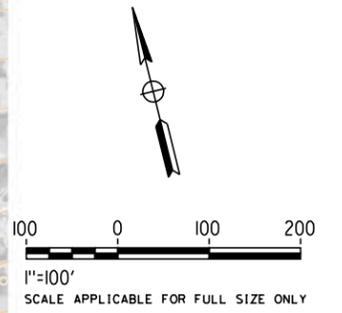


MATCH LINE - STA 32+00.00
SEE DRAWING NO. CV-T1022_A

LINE DATA (FINAL)

NO	BEARING	DISTANCE
1	N76°24'14"E	3450.00'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - CONCRETE BARRIER
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 1:57:32 PM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1021_A.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROADWAY REALIGNMENT - VANOWEN ST
SHOOFLY INTERIM ROAD REALIGNMENT PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1021_A

SCALE
AS SHOWN

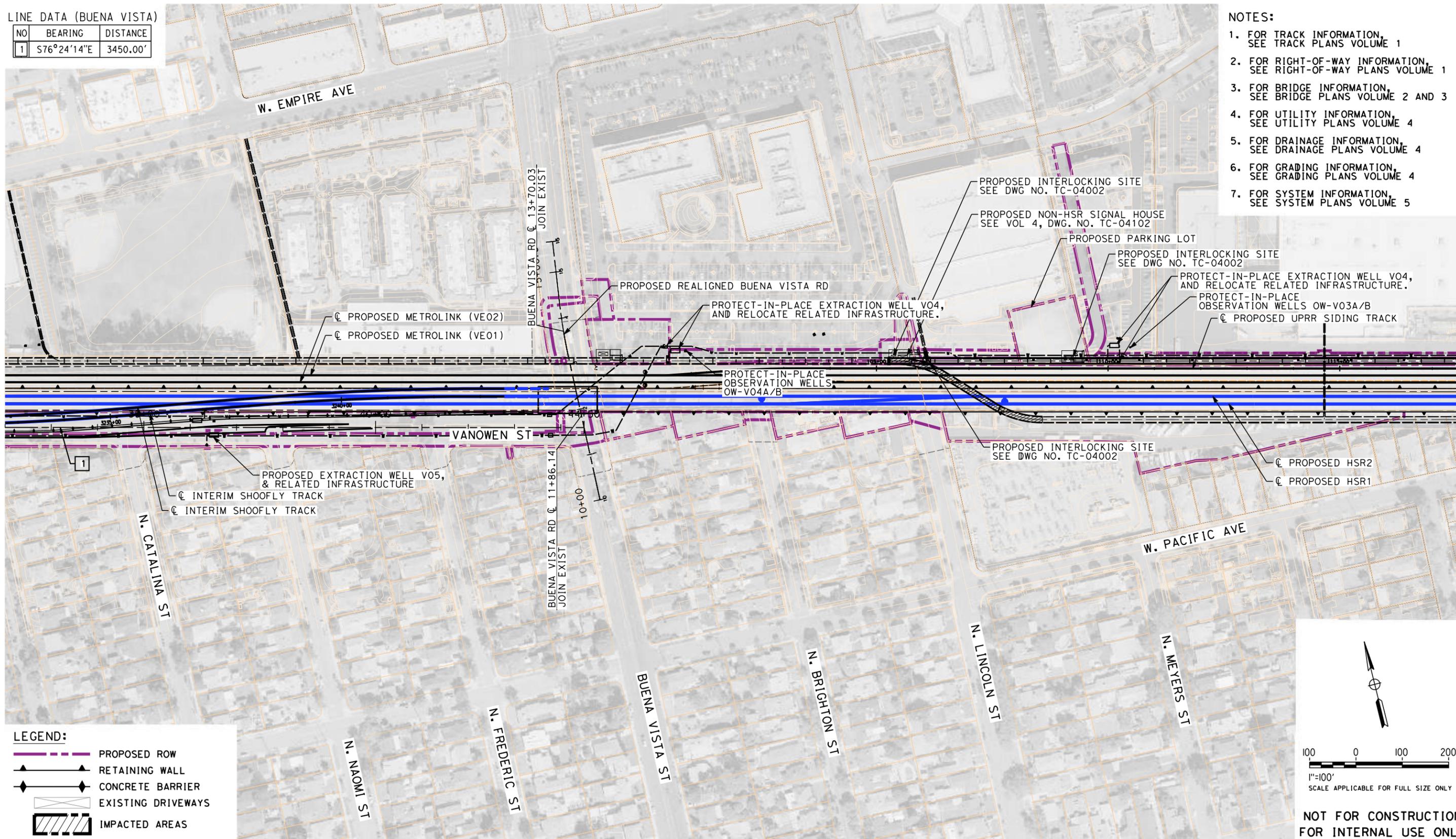
SHEET NO.

LINE DATA (BUENA VISTA)

NO	BEARING	DISTANCE
1	S76°24'14"E	3450.00'

NOTES:

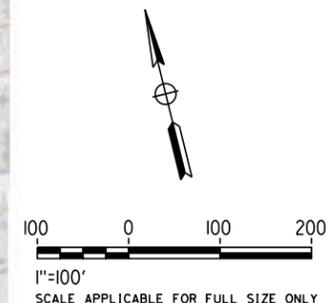
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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LEGEND:

	PROPOSED ROW
	RETAINING WALL
	CONCRETE BARRIER
	EXISTING DRIVEWAYS
	IMPACTED AREAS



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

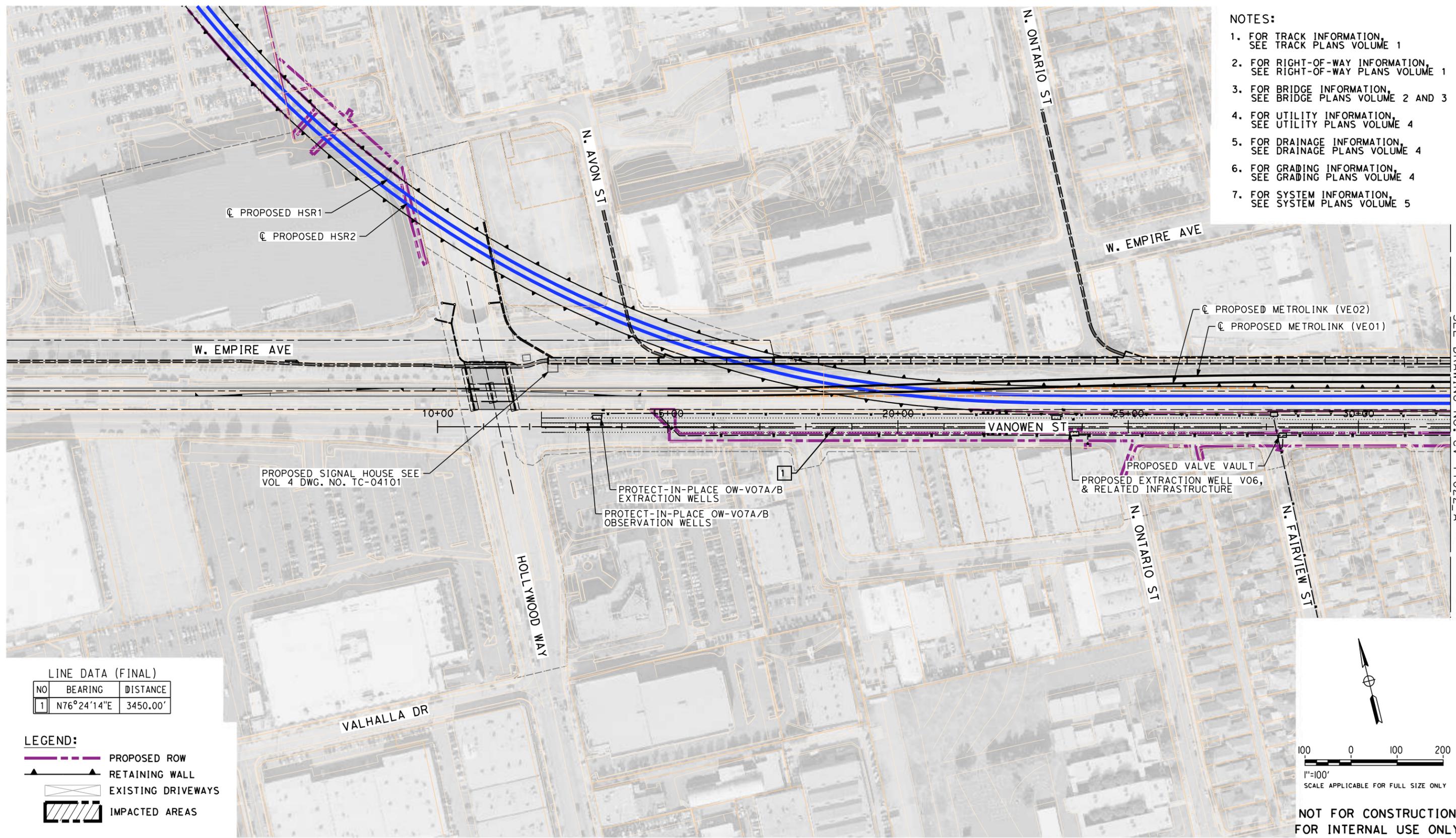
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROAD/CROSSING REALIGNMENT - VANOWEN ST/BUENA VISTA RD
SHOOFLY INTERIM ROADWAY/GRADE CROSSING PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1022_A
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
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 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

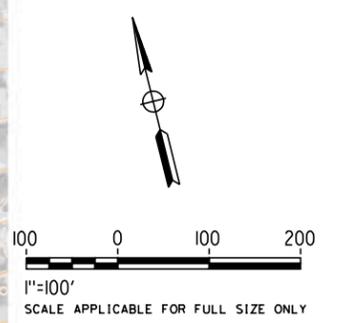


MATCH LINE - STA 32+00.00
SEE DRAWING NO. CV-T1022_A

LINE DATA (FINAL)

NO	BEARING	DISTANCE
1	N76°24'14"E	3450.00'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 11:05:09 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1021_B.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROADWAY REALIGNMENT - VANOWEN ST
FINAL ROAD REALIGNMENT PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1021_B

SCALE
AS SHOWN

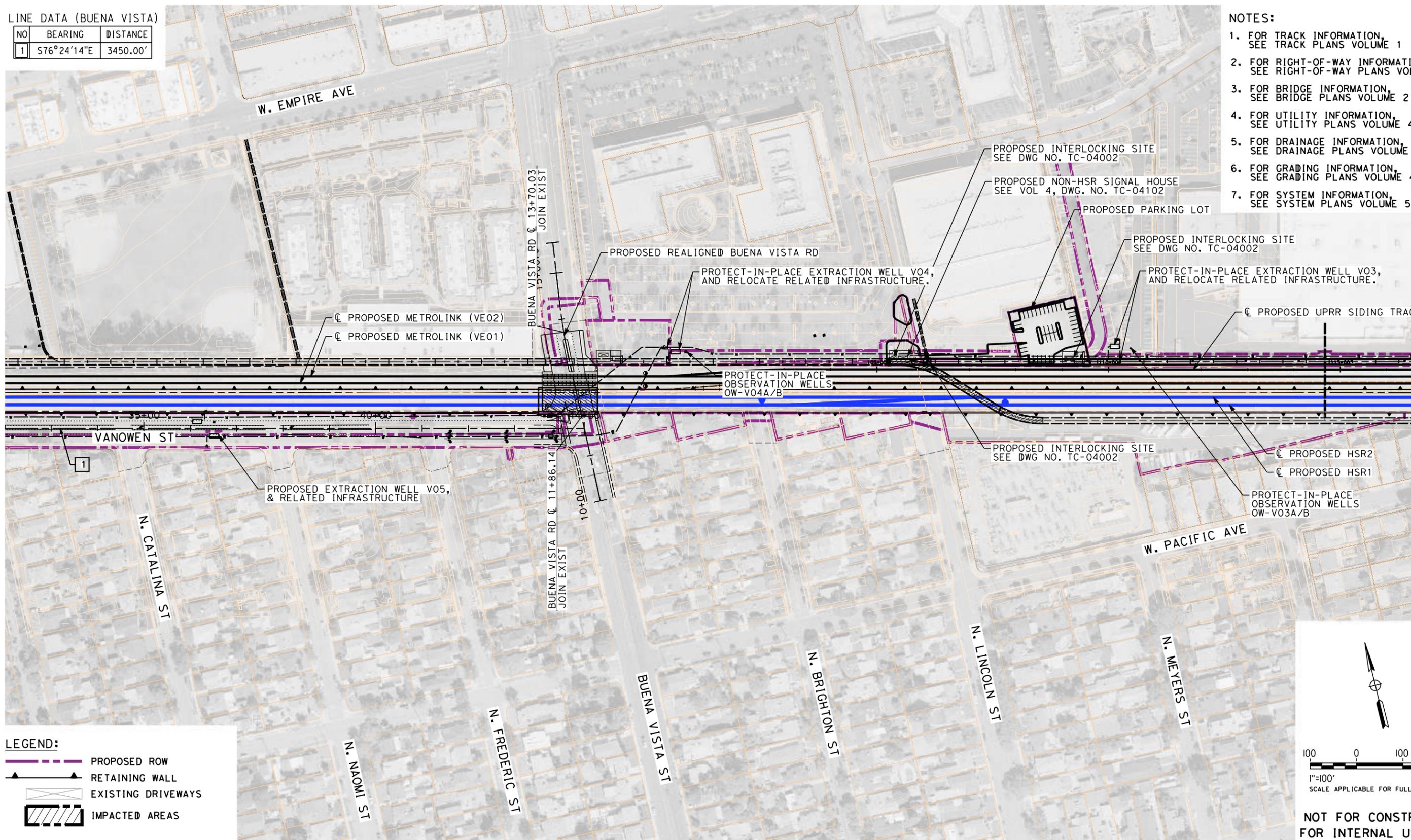
SHEET NO.

LINE DATA (BUENA VISTA)

NO	BEARING	DISTANCE
1	S76°24'14"E	3450.00'

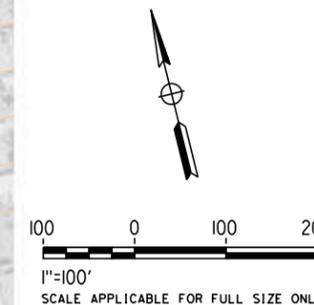
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



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GARYA 7/13/2021 2:00:58 PM c:\j\p\pwworkdir\jag_garya\d0150139\k2l-cv-T1022_B.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROAD/CROSSING REALIGNMENT - VANOWEN ST/BUENA VISTA RD
FINAL ROADWAY/GRADE CROSSING PLAN

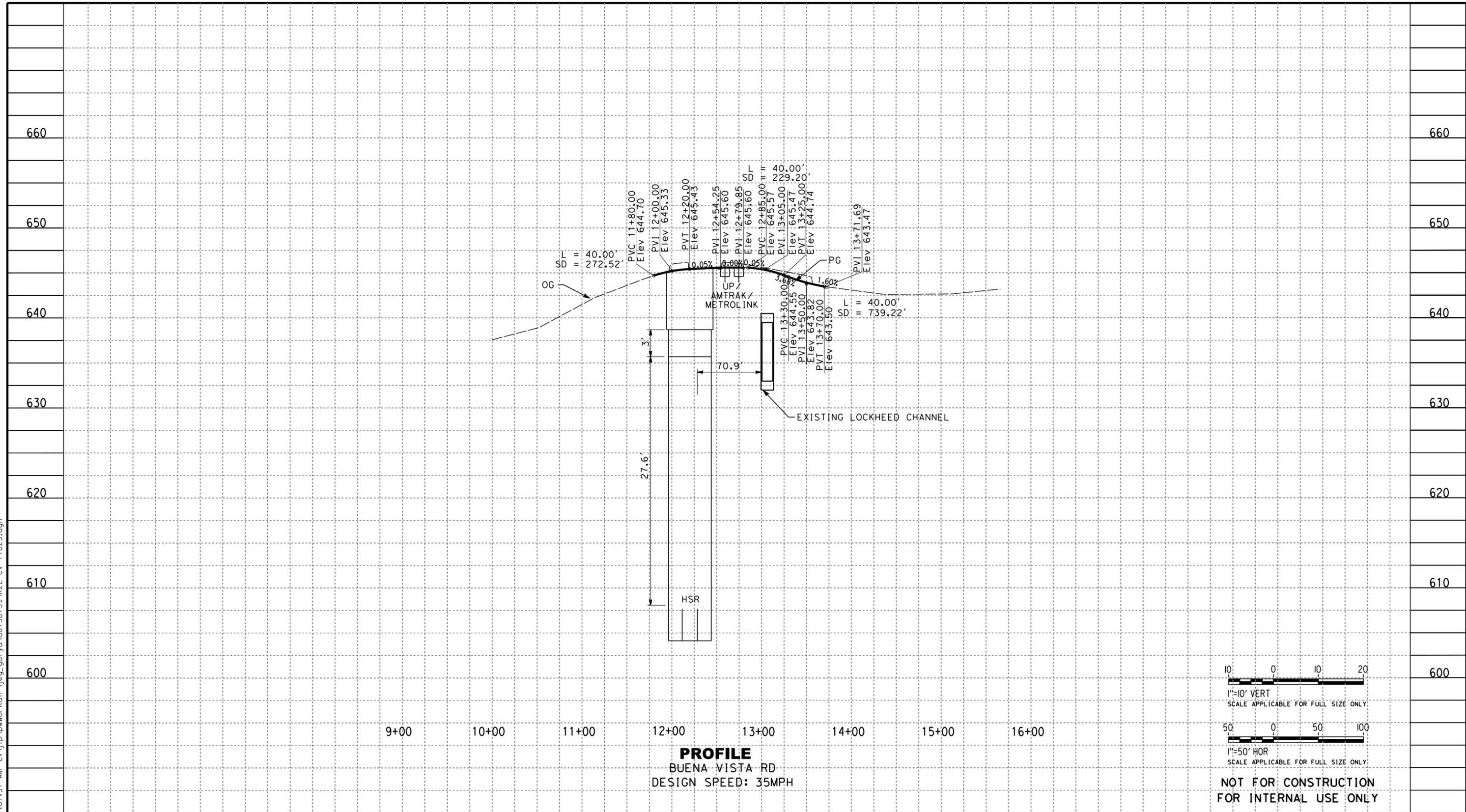
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HSR14-39

DRAWING NO.
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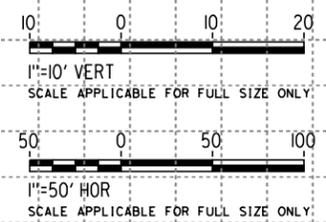
SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:07:37 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1023.dgn



PROFILE
 BUENA VISTA RD
 DESIGN SPEED: 35MPH



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
 DRAWN BY
N. BOWMAN
 CHECKED BY
C. LEE
 IN CHARGE
C. LEE
 DATE
07/15/2021

PEPD RECORD SET

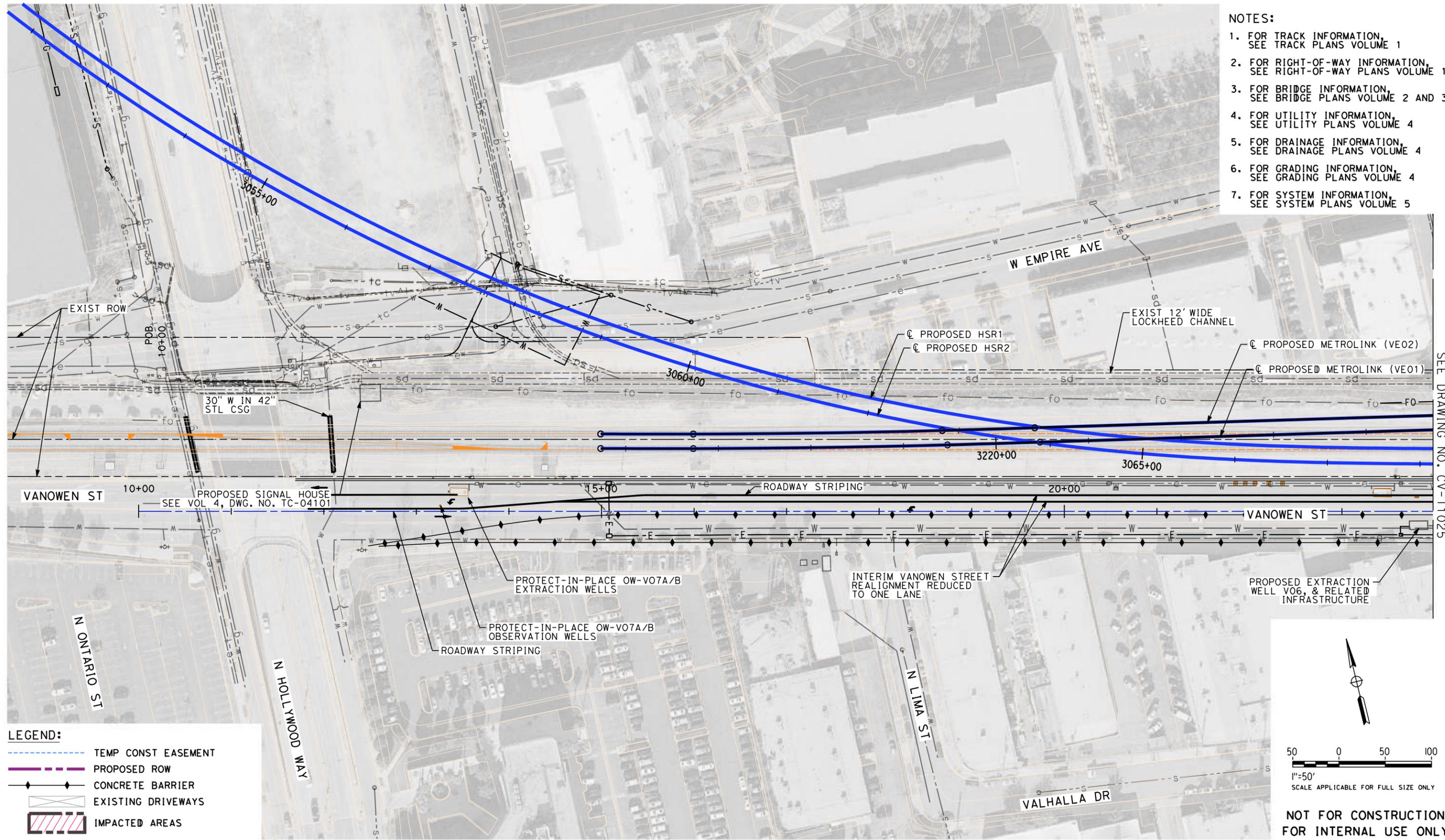
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
 OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
 PEPD
 GRADE CROSSING REALIGNMENT - BUENA VISTA RD
 GRADE CROSSING PROFILE

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-T1023
 SCALE
 AS SHOWN
 SHEET NO.

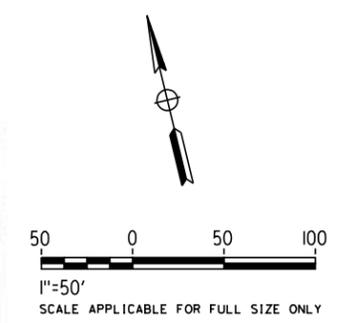
- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 56+00.00
SEE DRAWING NO. CV-T1025

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	CONCRETE BARRIER
	EXISTING DRIVEWAYS
	IMPACTED AREAS



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7/15/2021 2:23:26 PM c:\j\p\pwworkdir\jag_garya\d0150139\k2L-CV-T1024.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

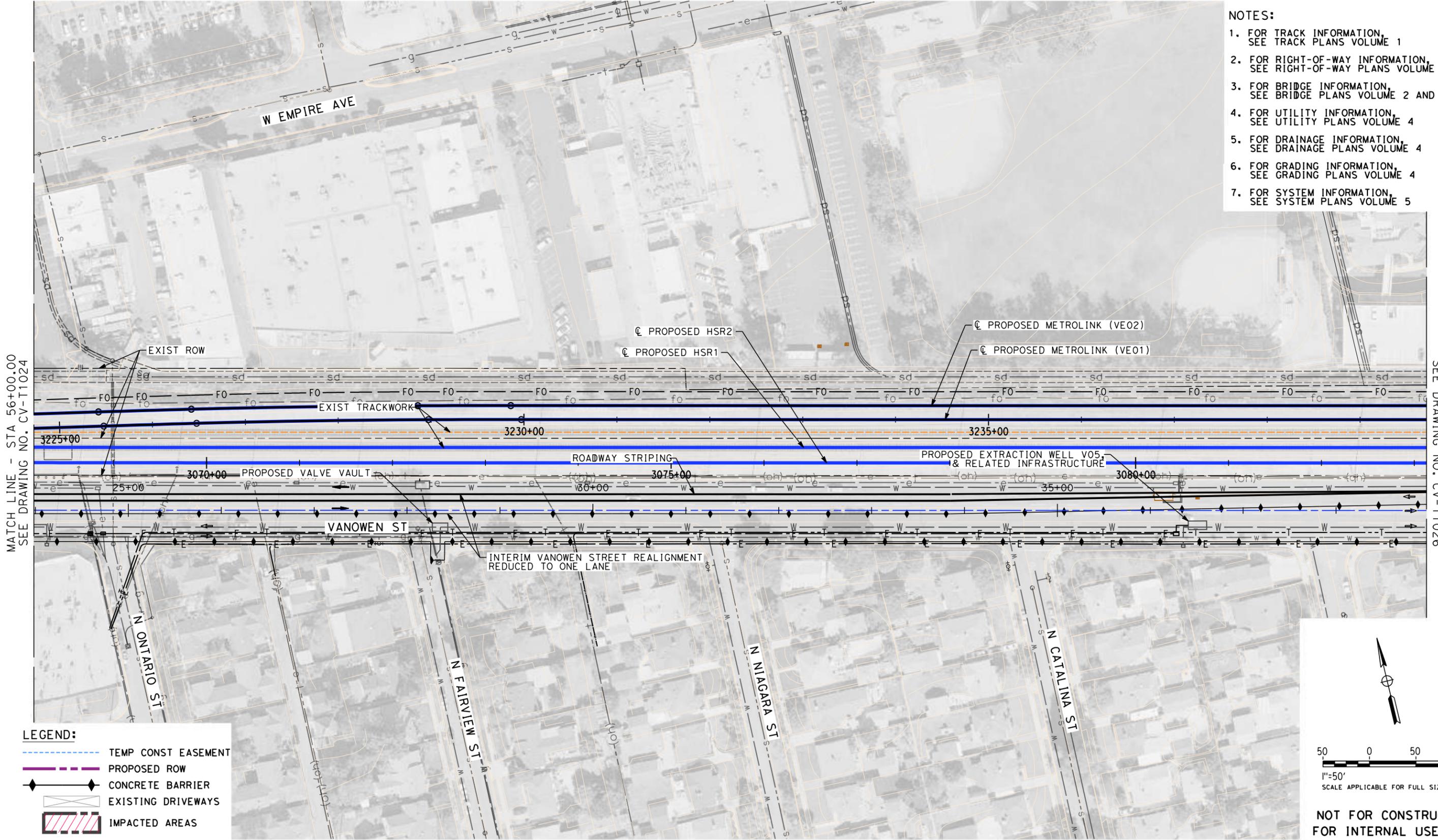


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
TEMPORARY ROAD ALIGNMENT - VANOWEN ST
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1024
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

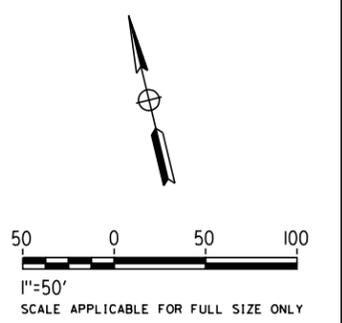


MATCH LINE - STA 56+00.00
SEE DRAWING NO. CV-T1024

MATCH LINE - STA 71+00.00
SEE DRAWING NO. CV-T1026

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	CONCRETE BARRIER
	EXISTING DRIVEWAYS
	IMPACTED AREAS



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/15/2021 2:24:01 PM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1025.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



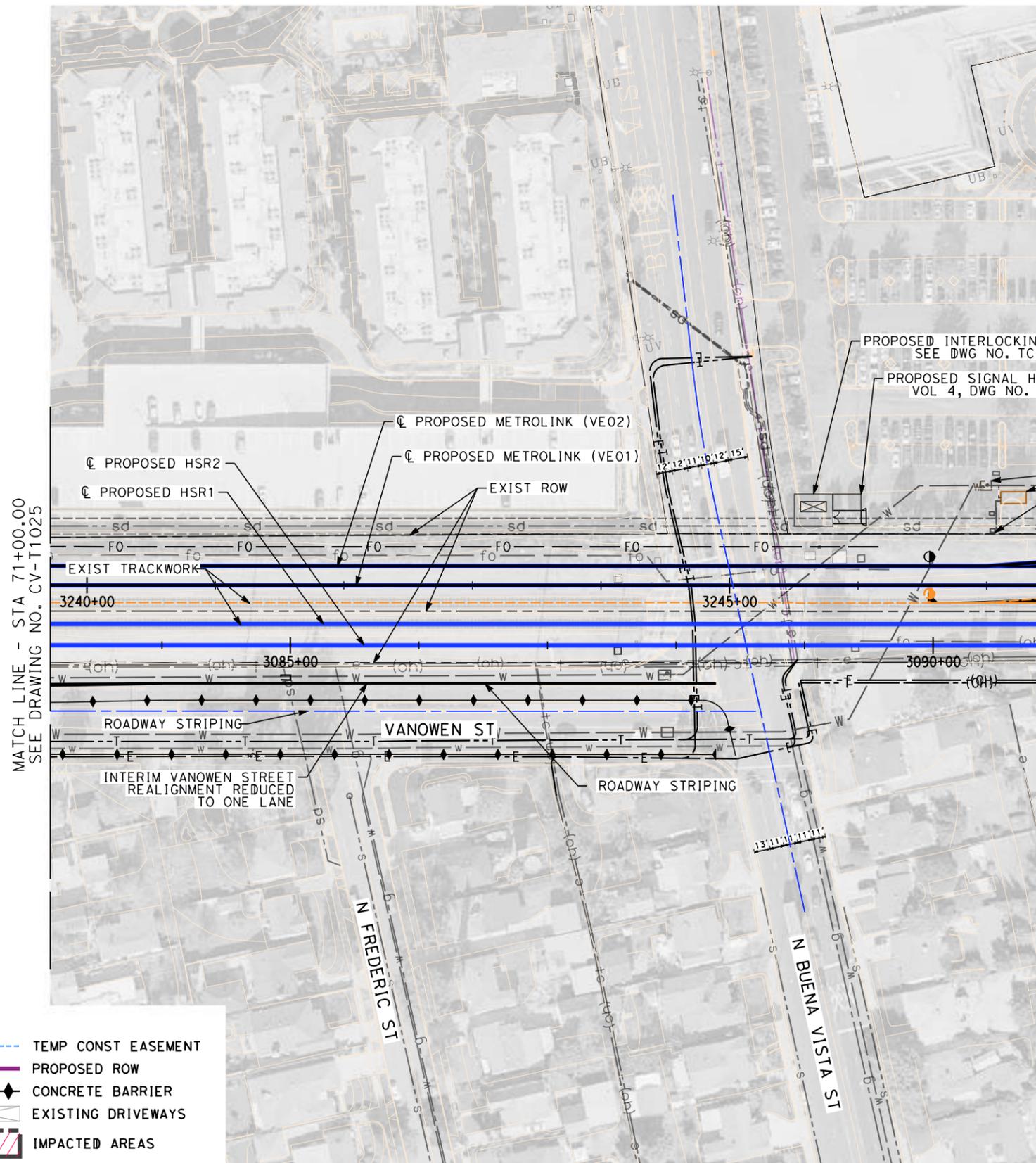
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
TEMPORARY ROAD REALIGNMENT - VANOWEN ST
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1025
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

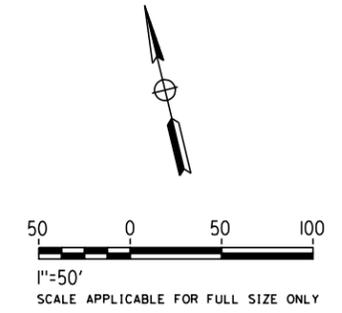


PROTECT-IN PLACE EXTRACTION WELL V04 AND OBSERVATION WELL. RELOCATE RELATED INFRASTRUCTURE

MATCH LINE - STA 71+00.00
SEE DRAWING NO. CV-T1025

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	CONCRETE BARRIER
	EXISTING DRIVEWAYS
	IMPACTED AREAS



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FOR INTERNAL USE ONLY**

7/15/2021 2:24:37 PM c:\j\p\pwworkdir\jag_garya\d0150139\K2L-CV-T1026.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

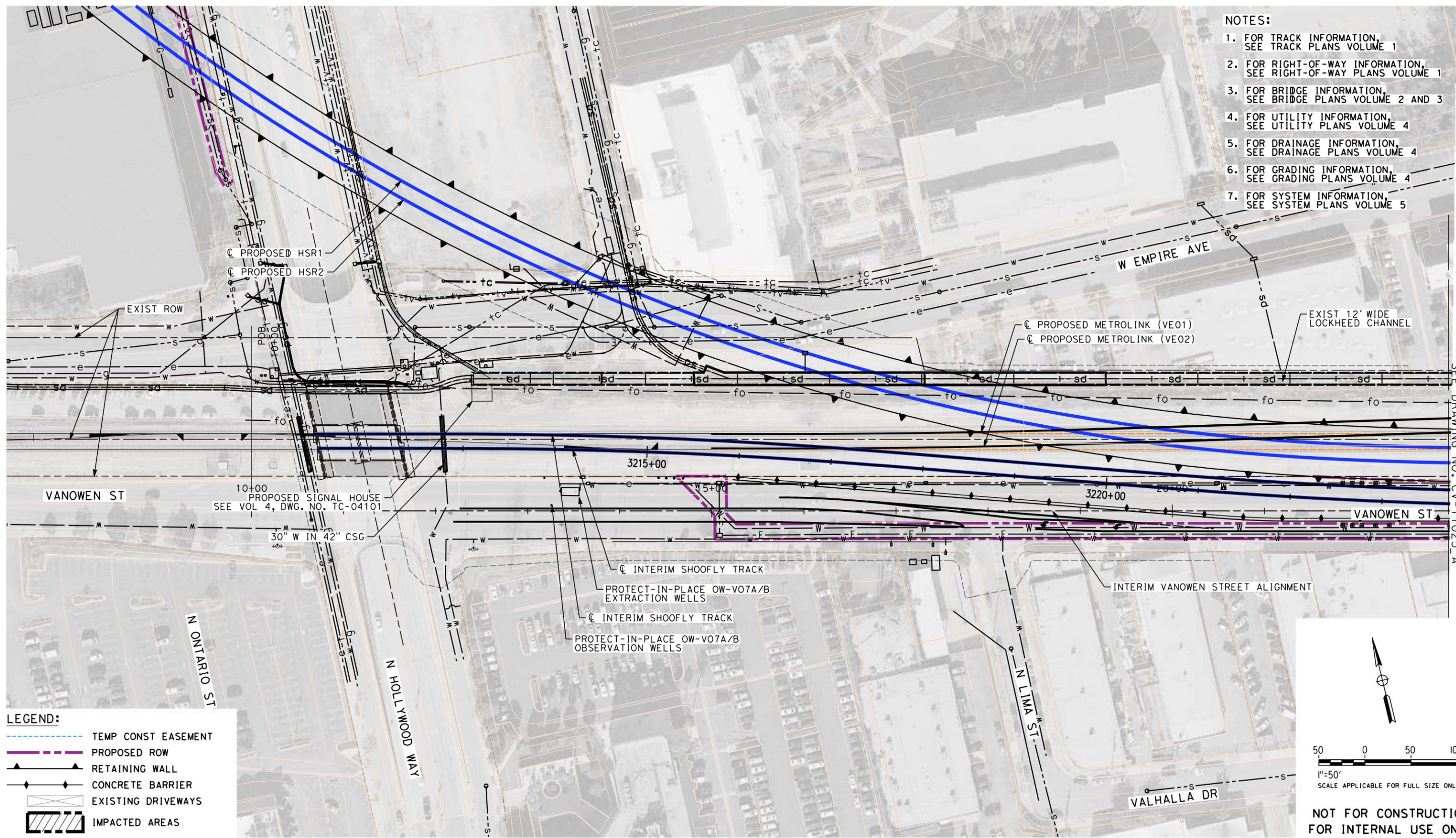


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
TEMPORARY ROADWAY REALIGNMENT - VANOWEN ST
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1026
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 23+00.00
SEE DRAWING NO. CV-T1025_A

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- CONCRETE BARRIER
- EXISTING DRIVEWAYS
- IMPACTED AREAS

1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:12:35 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2L-CV-T1024_A.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
SHOOFLY INTERIM ROAD REALIGNMENT - VANOWEN ST
IMPACT PLAN

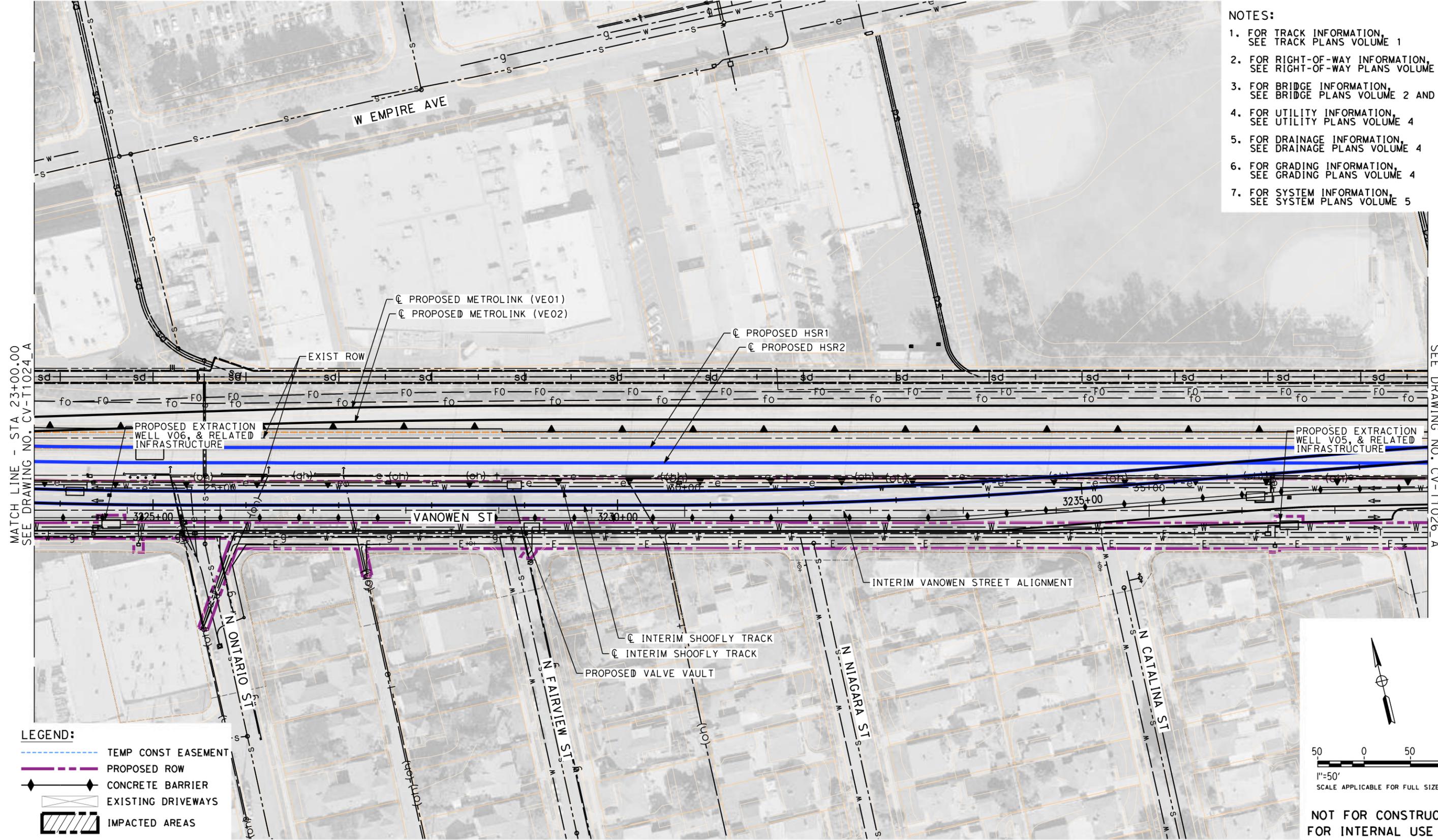
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1024_A

SCALE
AS SHOWN

SHEET NO.

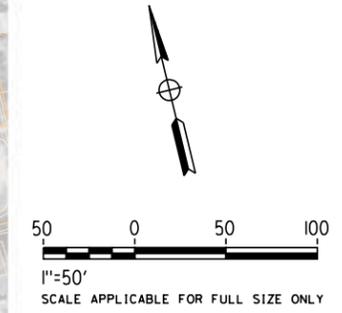
- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 23+00.00
SEE DRAWING NO. CV-T1024_A

MATCH LINE - STA 38+00.00
SEE DRAWING NO. CV-T1026_A

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - ◆ CONCRETE BARRIER
 - ▭ EXISTING DRIVEWAYS
 - ▨ IMPACTED AREAS



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7/13/2021 11:13:50 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1025_A.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

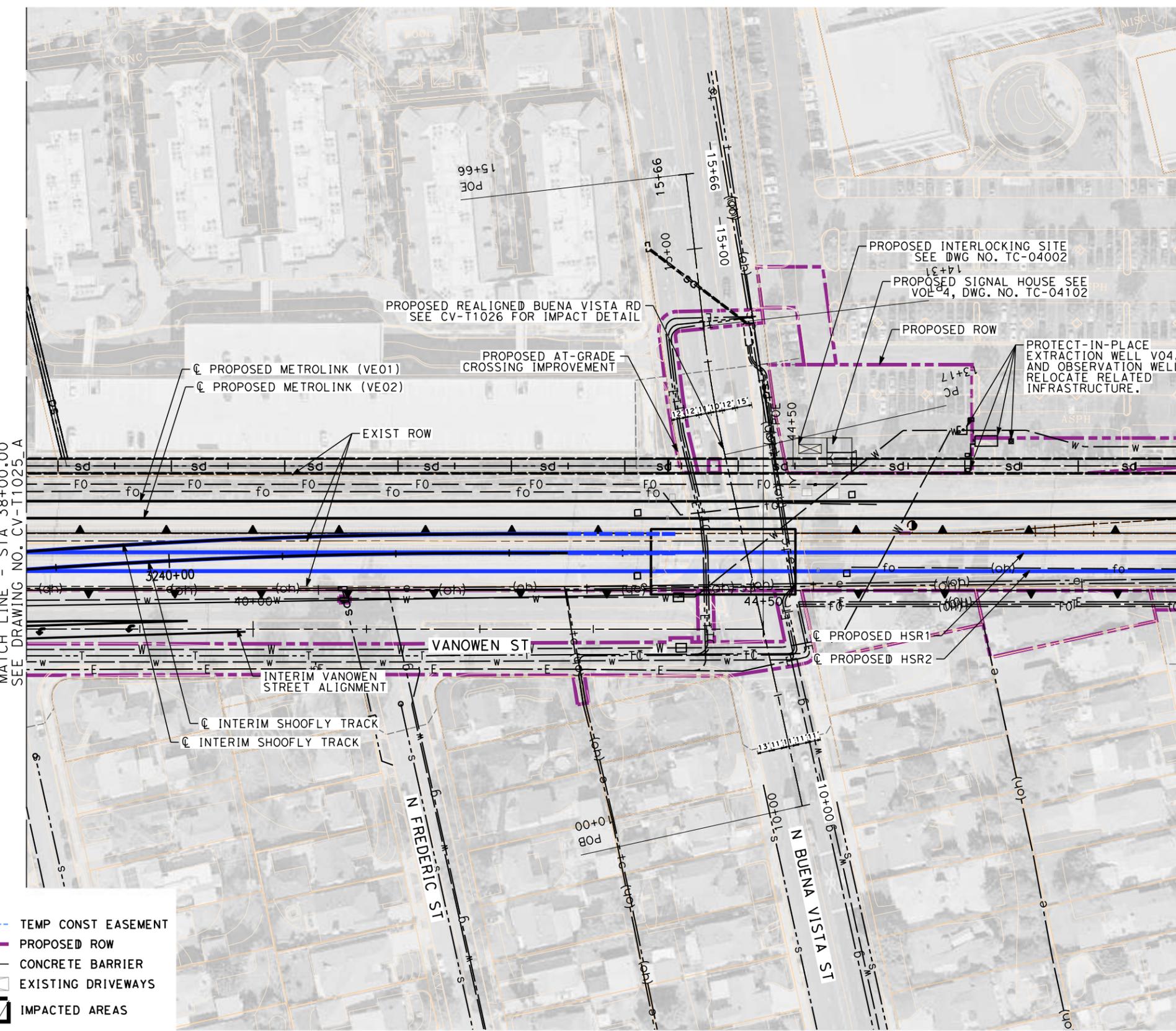
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
SHOOFLY INTERIM ROAD REALIGNMENT - VANOWEN ST
IMPACT PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1025_A

SCALE
AS SHOWN

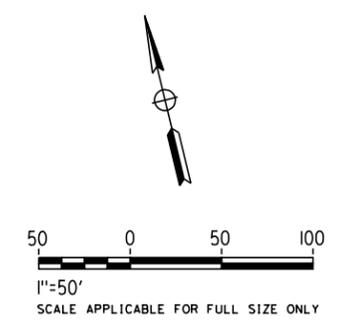
SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	CONCRETE BARRIER
	EXISTING DRIVEWAYS
	IMPACTED AREAS



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FOR INTERNAL USE ONLY**

7/13/2021 11:15:03 AM c:\j\p\pwworkdir\jag_garyo\d0150139\K2L-CV-T1026_A.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

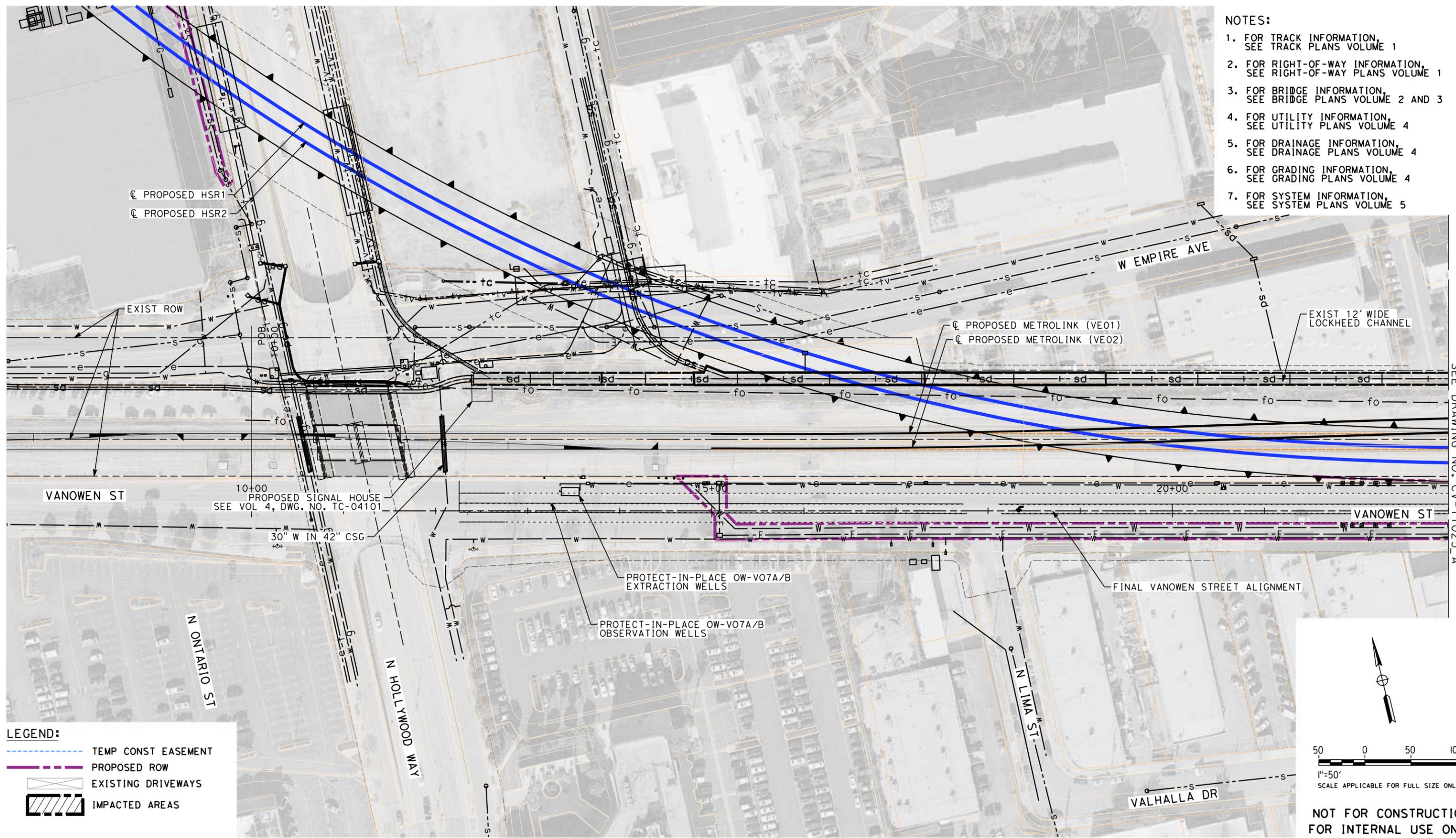


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
SHOOFLY INTERIM ROAD REALIGN-VANOWEN ST/BUENA VISTA RD
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1026_A
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
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 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 23+00.00
SEE DRAWING NO. CV-T1025_A

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- EXISTING DRIVEWAYS
- IMPACTED AREAS

**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:16:18 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2L-CV-T1024_B.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
FINAL ROAD REALIGNMENT - VANOWEN ST
IMPACT PLAN

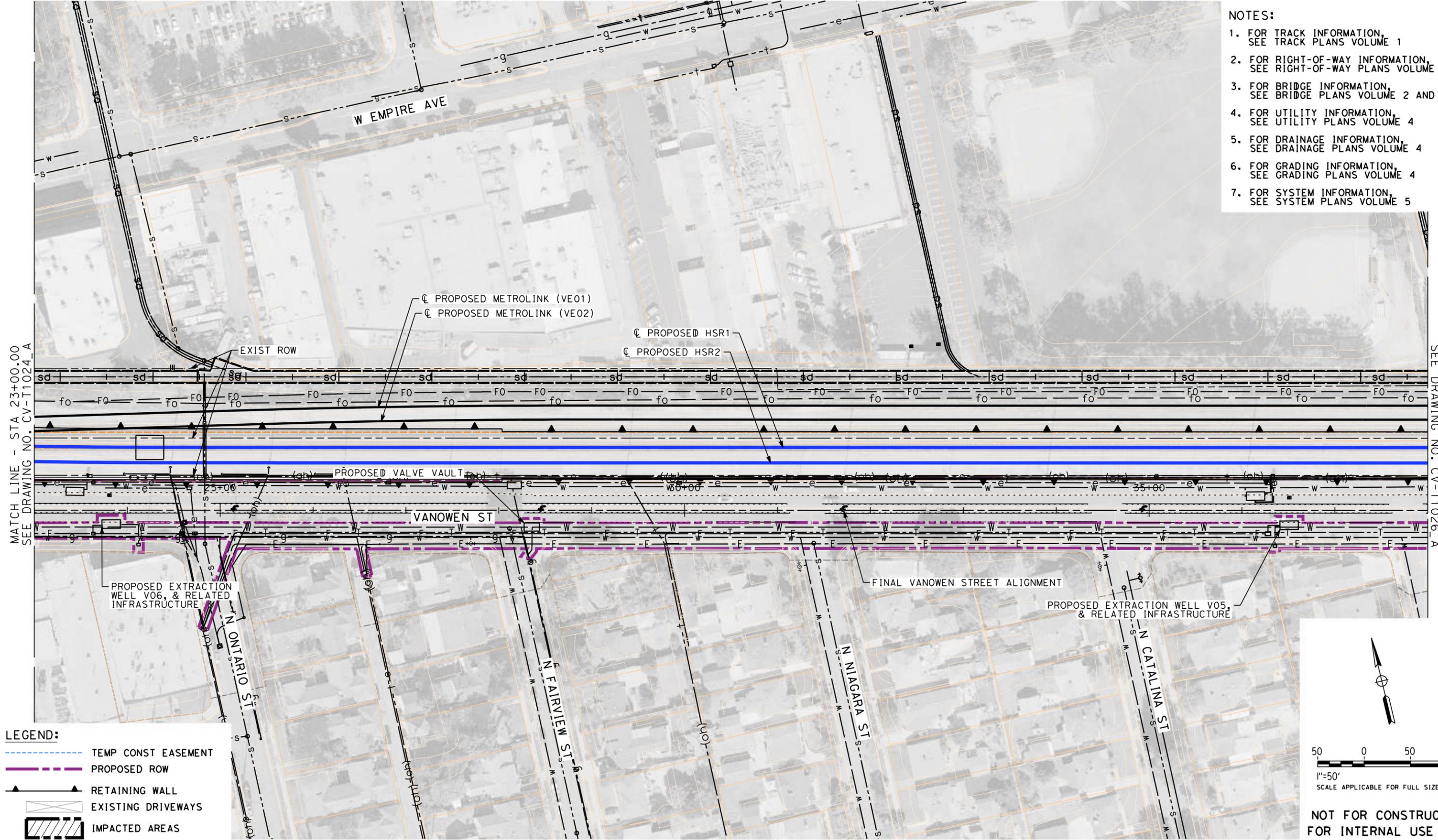
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1024_B

SCALE
AS SHOWN

SHEET NO.

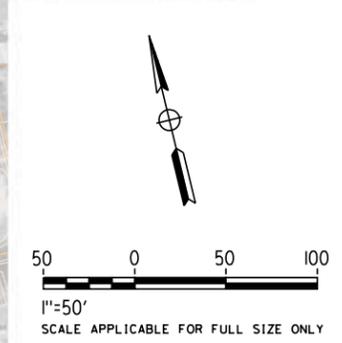
- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
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 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 23+00.00
SEE DRAWING NO. CV-T1024_A

MATCH LINE - STA 38+00.00
SEE DRAWING NO. CV-T1026_A

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - ▲ RETAINING WALL
 - EXISTING DRIVEWAYS
 - ▨ IMPACTED AREAS



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:17:38 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\K2L-CV-T1025_B.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

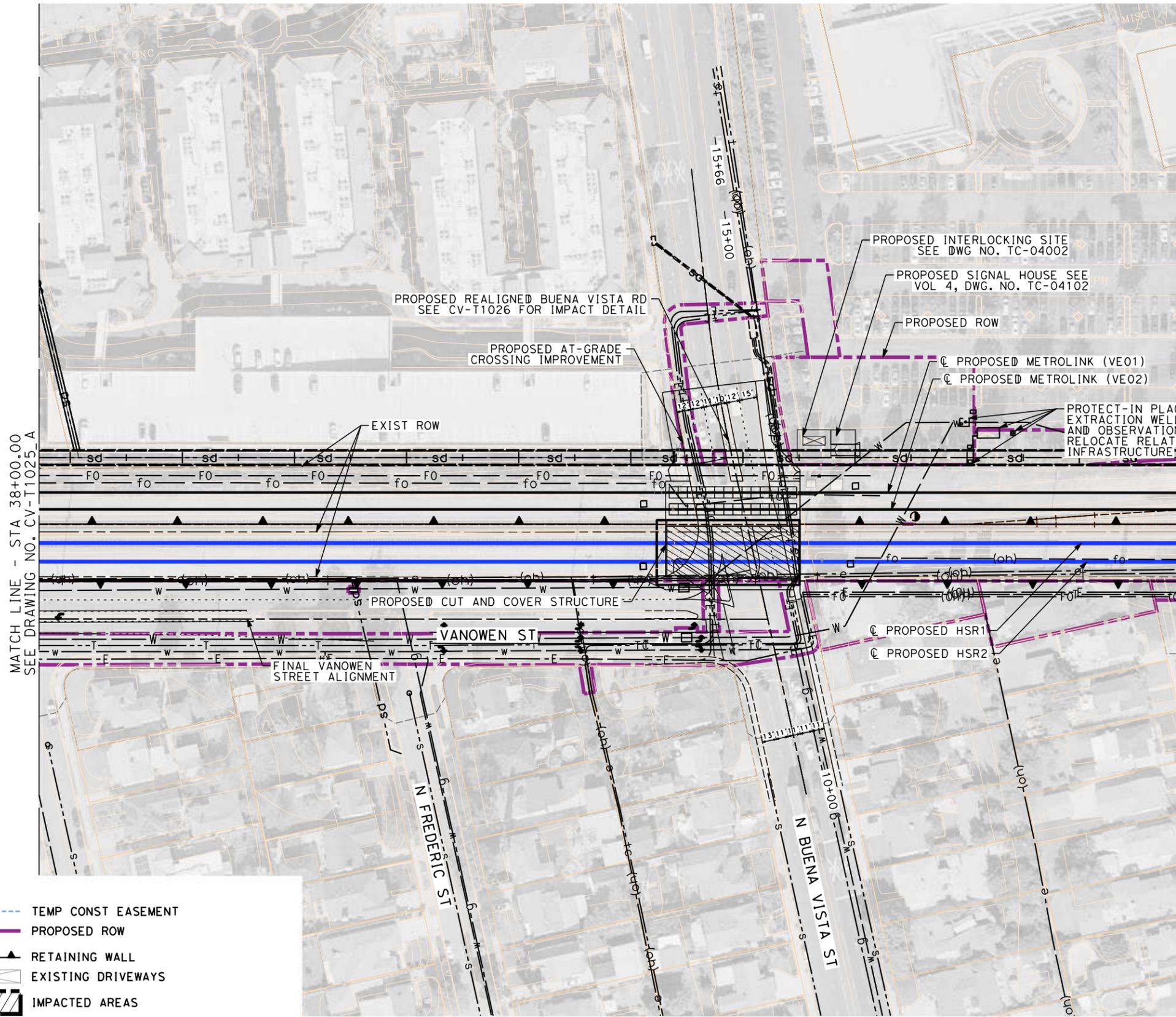


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
FINAL ROAD REALIGNMENT - VANOWEN ST
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1025_B
SCALE
AS SHOWN
SHEET NO.

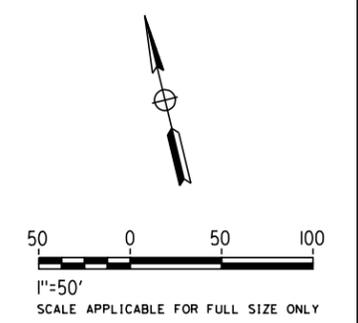
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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
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 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
EXTRACTION WELL RELOCATION
FINAL ROAD/CROSSING REALIGN-VANOWEN ST/BUENA VISTA RD
IMPACT PLAN

CONTRACT NO.
HSR14-39

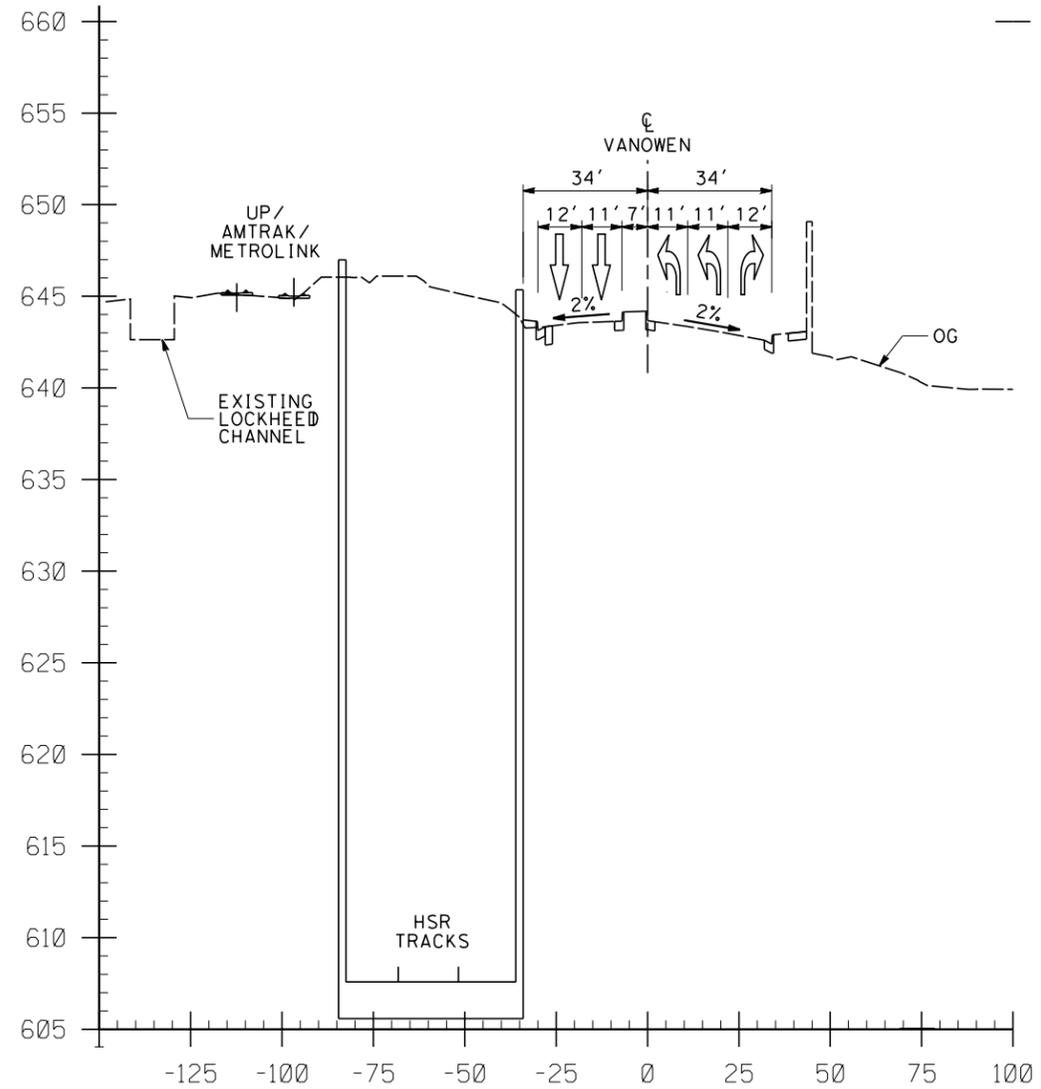
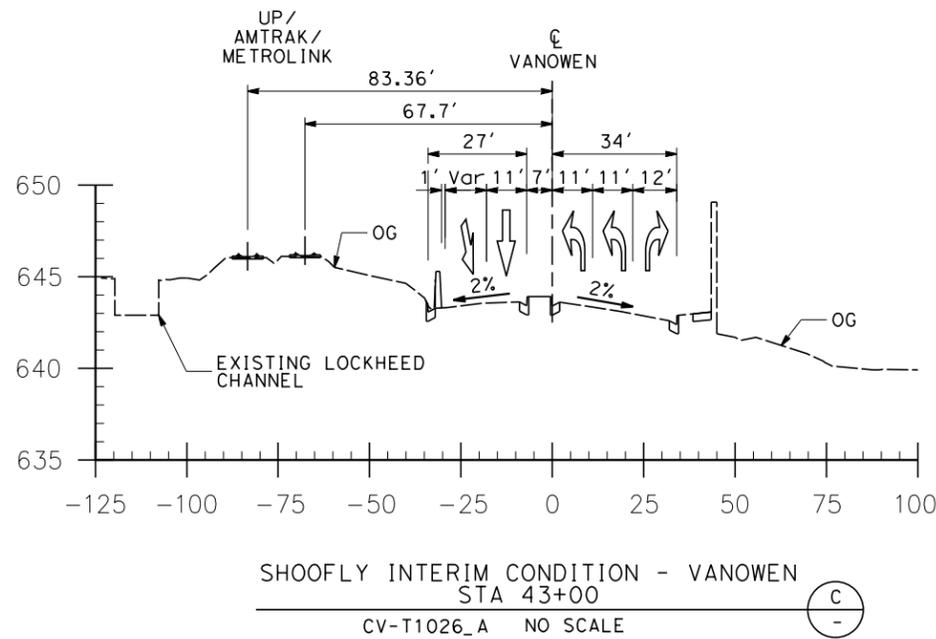
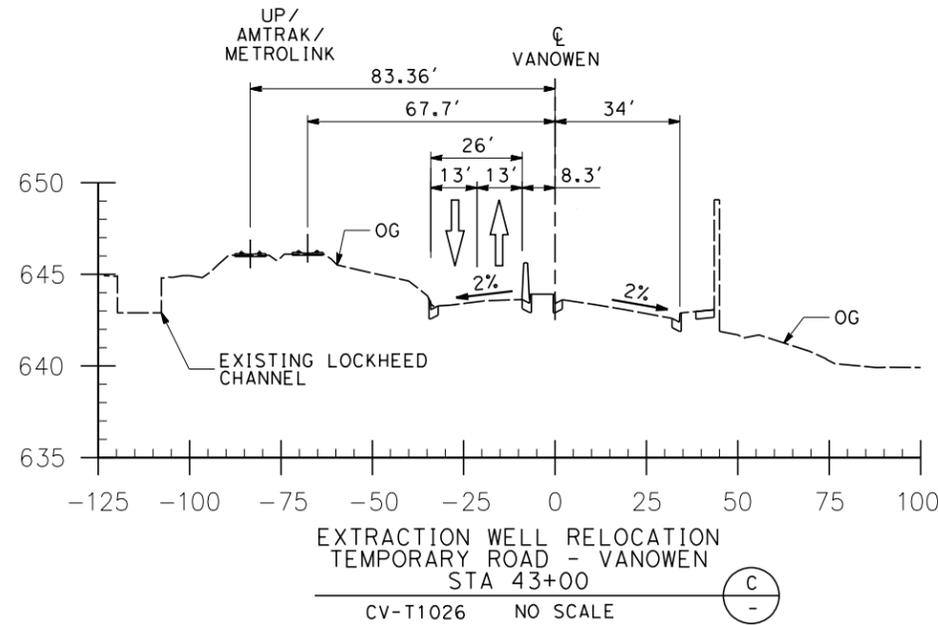
DRAWING NO.
CV-T1026_B

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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FOR INTERNAL USE ONLY

7/13/2021 11:19:23 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2l-cv-t3021.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
C. CUSSON

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

ROADWAY REALIGNMENT - VANOWEN ST
CROSS-SECTION

CONTRACT NO.
HSR14-39

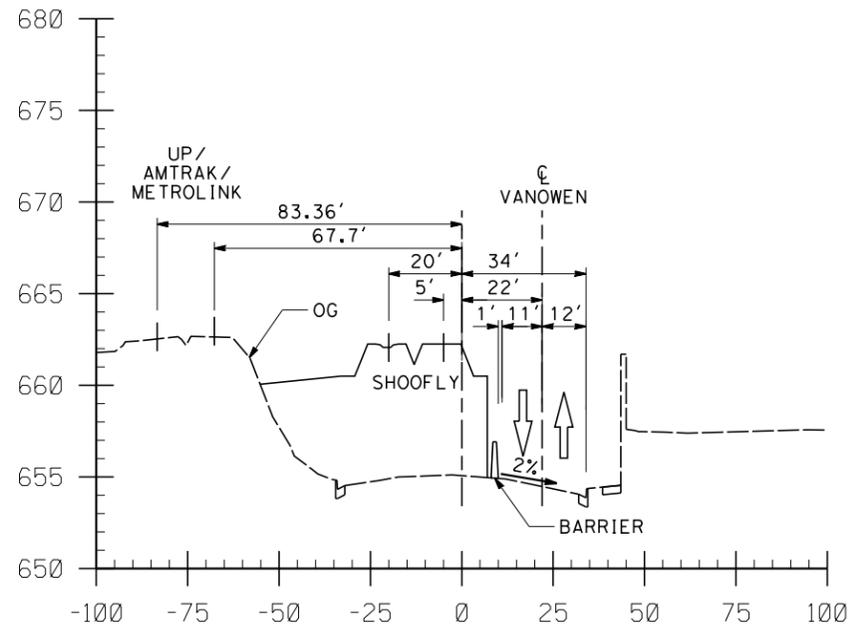
DRAWING NO.
CV-T3021

SCALE
AS SHOWN

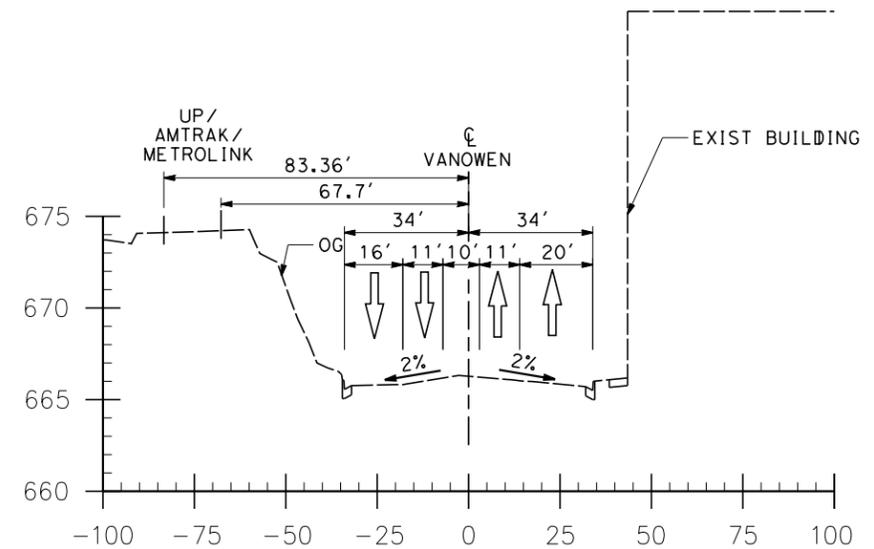
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



SHOOFLY INTERIM CONDITION VANOWEN
STA 26+00
CV-T1025 NO SCALE (B)



EXISTING CONDITION VANOWEN
STA 15+00
CV-T1024 NO SCALE (A)

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FOR INTERNAL USE ONLY

7/13/2021 11:19:37 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3022.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
C. CUSSON

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
ROADWAY REALIGNMENT - VANOWEN ST
CROSS-SECTION

CONTRACT NO.
HSR14-39

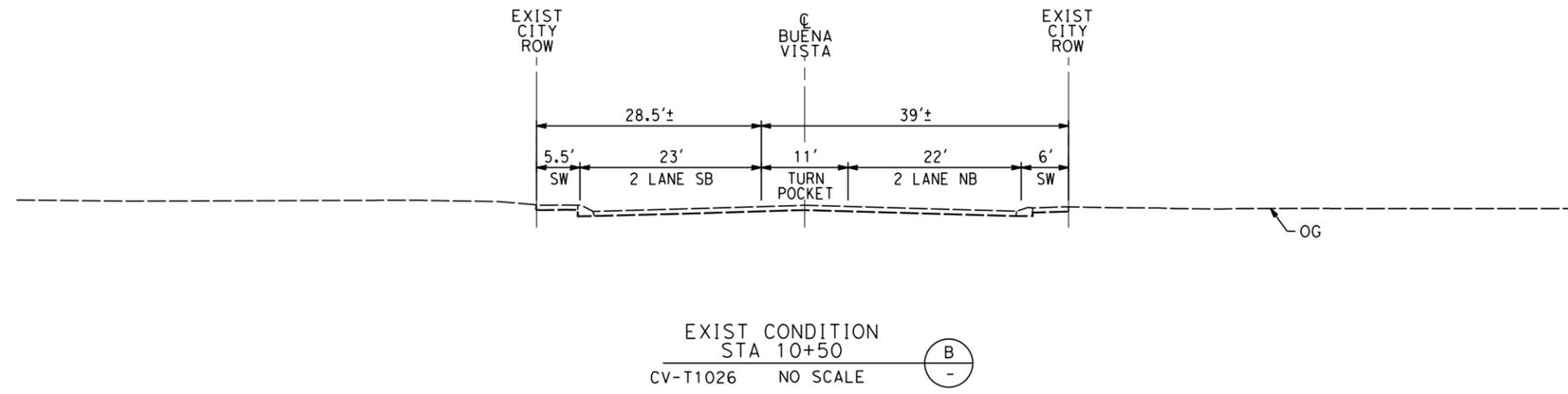
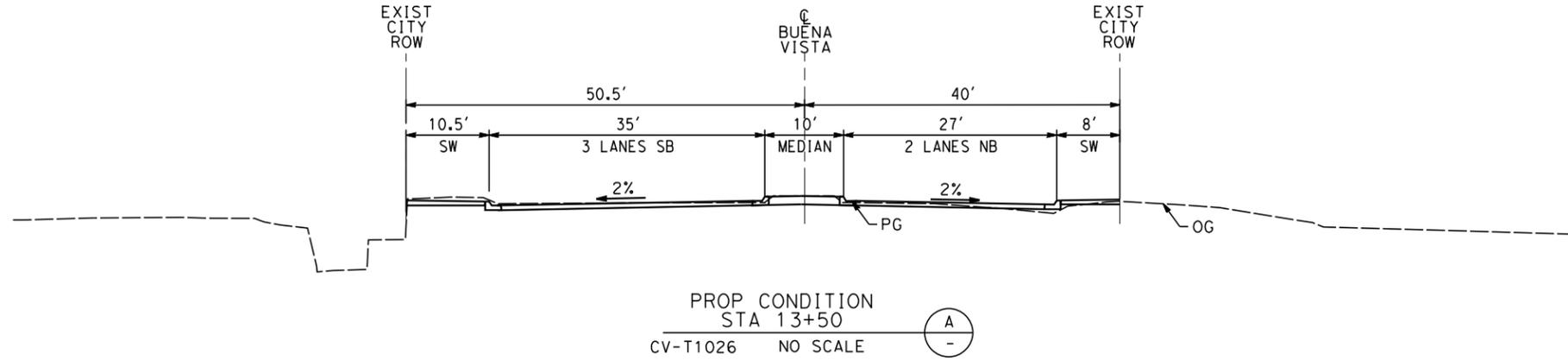
DRAWING NO.
CV-T3022

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:19:50 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3023.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE CROSSING - BUENA VISTA RD

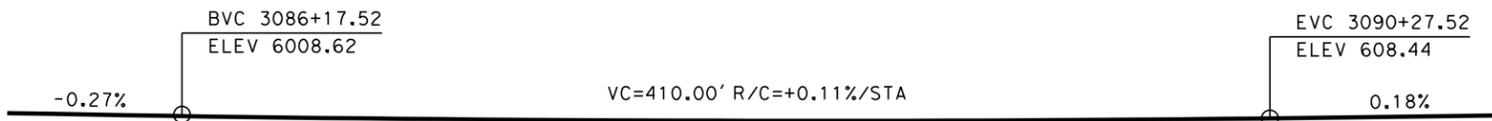
CROSS-SECTION

CONTRACT NO.
HSR14-39

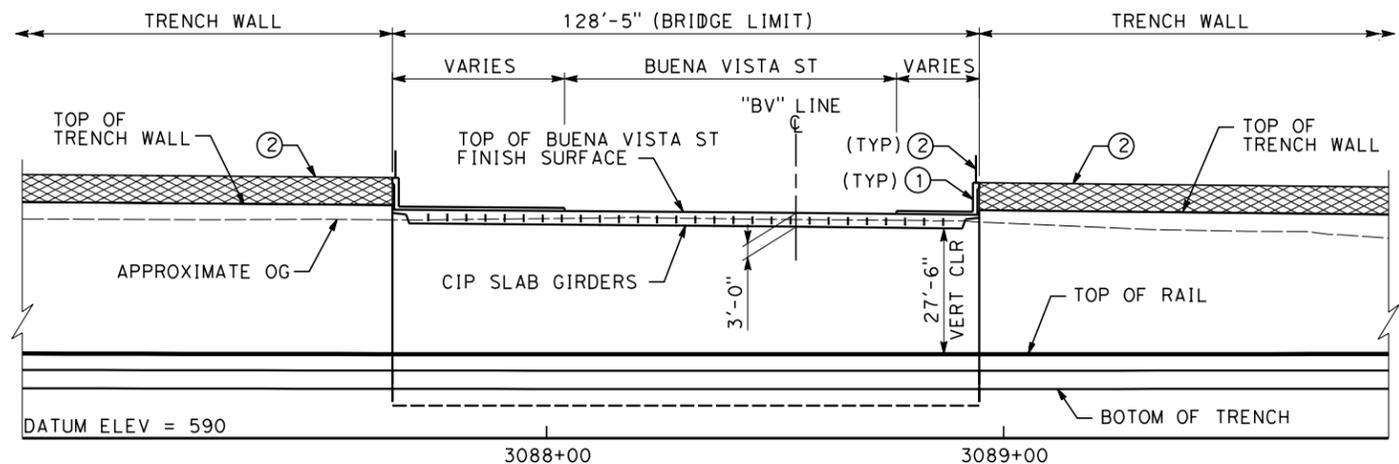
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CV-T3023

SCALE
AS SHOWN

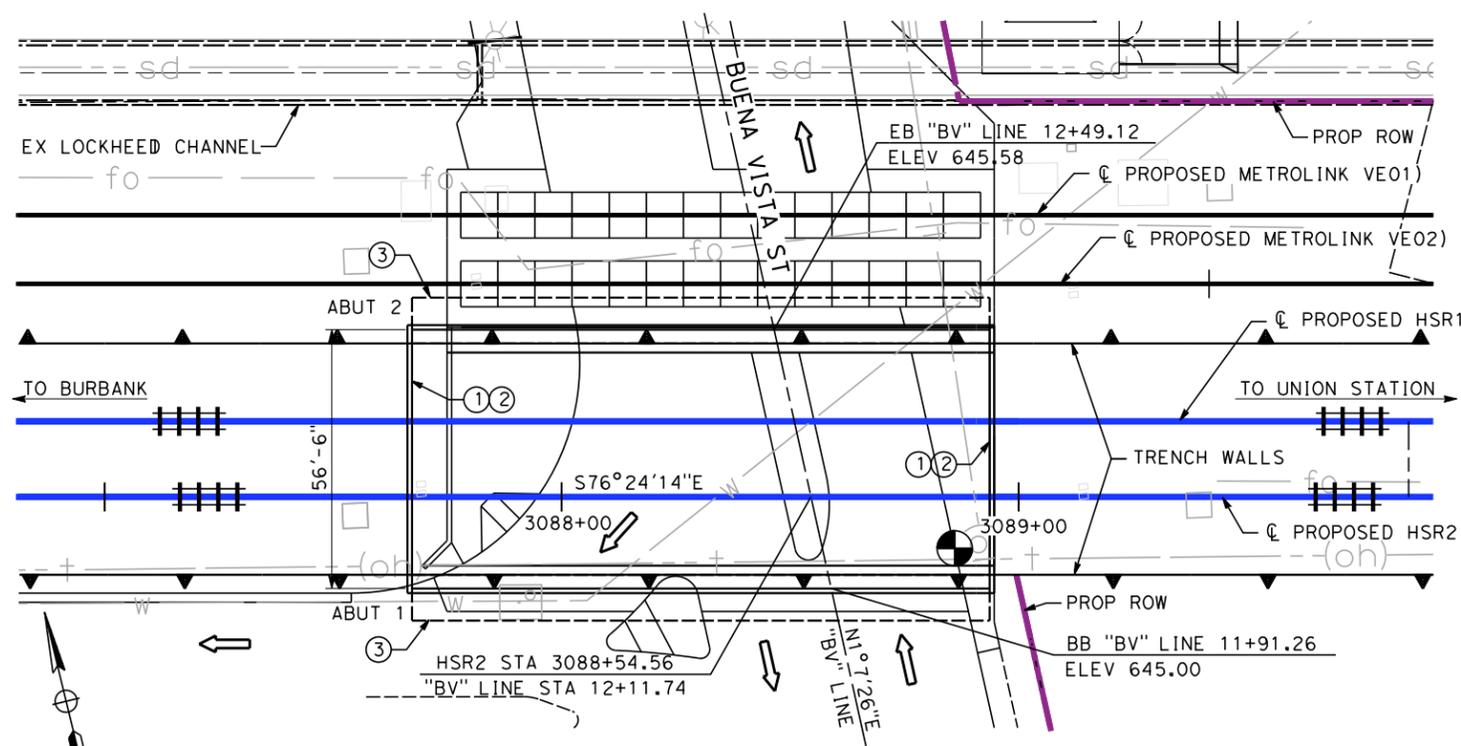
SHEET NO.



TOP OF RAIL PROFILE (HSR2)
NO SCALE



ELEVATION
SCALE: 1"=20'



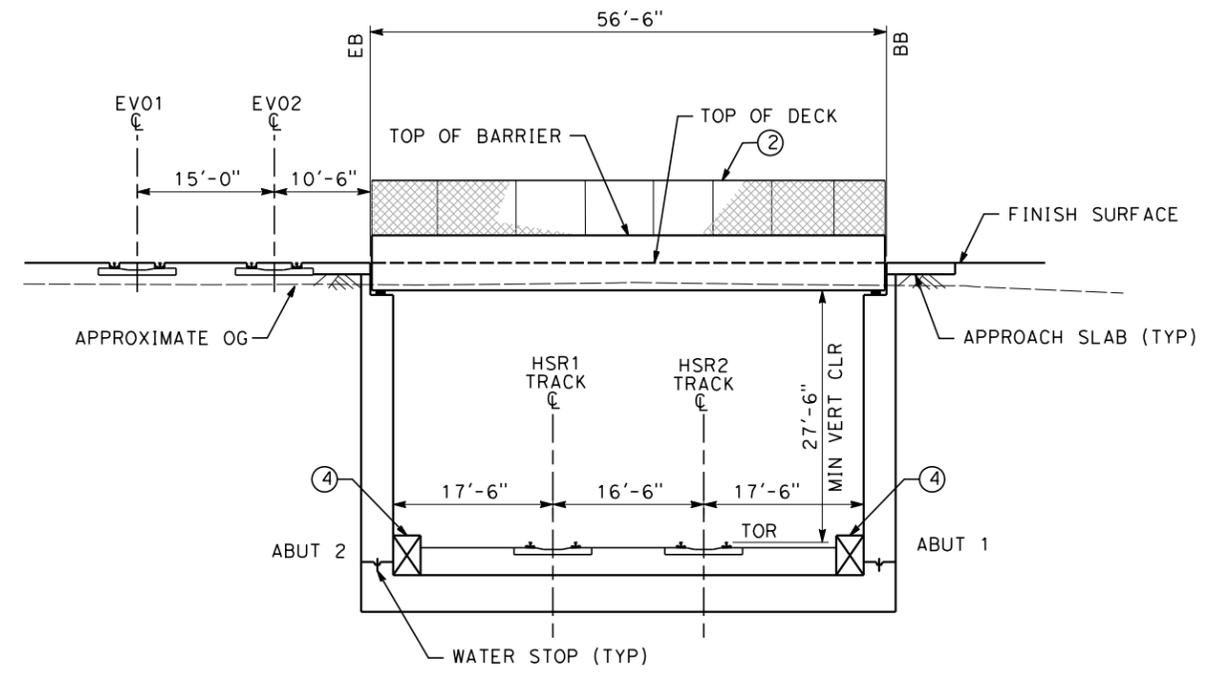
PLAN
SCALE: 1"=20'

NOTES

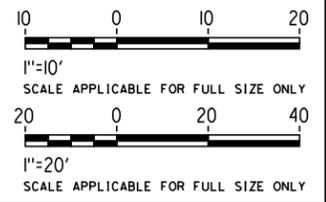
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)

LEGEND

- INDICATES DIRECTION OF TRAFFIC
- ▤▤▤▤ INDICATES RAILROAD AND HST TRACKS
- INDICATES LOCATION OF MINIMUM CLEARANCE



TYPICAL SECTION
SCALE: 1"=10'



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:21:43 AM c:\jip\pwworkdir\jag_garyo\d0150141\k2l-st-k1021.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
B. DENG
DRAWN BY
P. ZUCCHI
CHECKED BY
K. PIRBAZARI
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

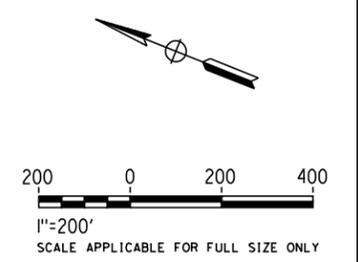
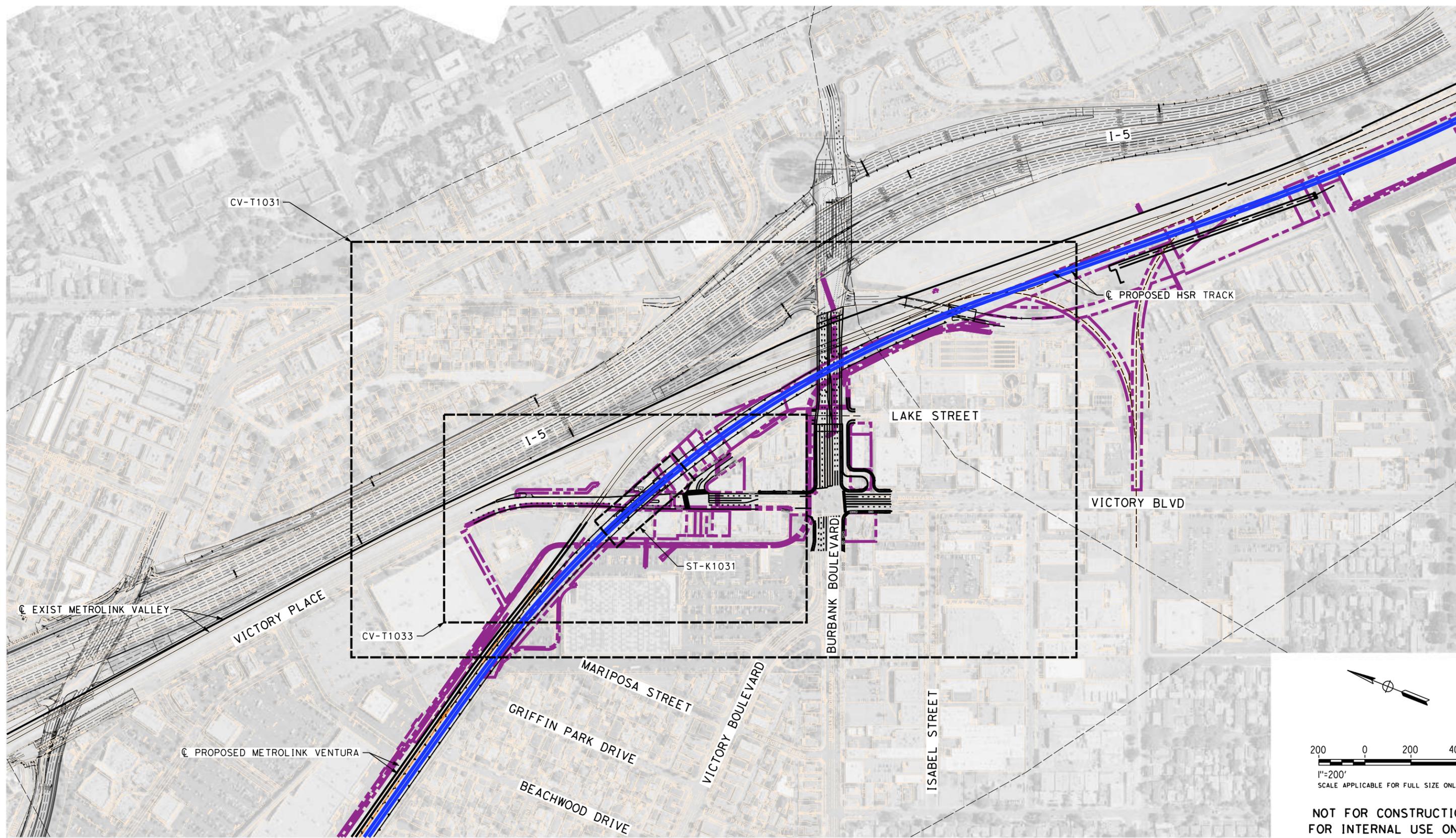
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - BUENA VISTA OVERPASS
GENERAL PLAN SHEET 1 OF 1

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1021
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:23:06 AM c:\j\p\pwworkdir\jag_gary\d0150139\k2L-CV-T0031.dgn



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FOR INTERNAL USE ONLY**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - VICTORY PLACE UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0031
SCALE
AS SHOWN
SHEET NO.

LINE DATA

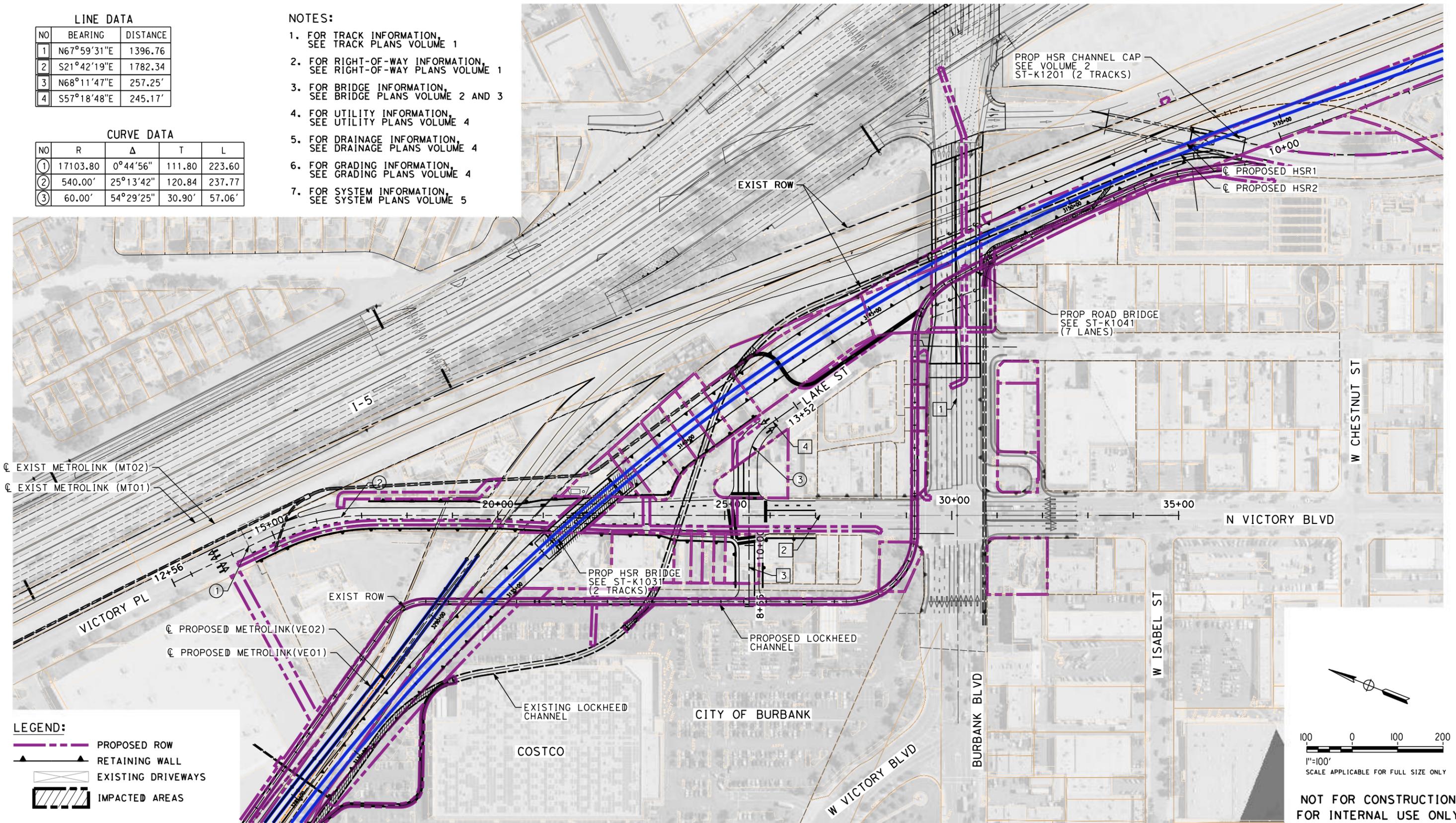
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1	N67°59'31"E	1396.76
2	S21°42'19"E	1782.34
3	N68°11'47"E	257.25'
4	S57°18'48"E	245.17'

CURVE DATA

NO	R	Δ	T	L
①	17103.80	0°44'56"	111.80	223.60
②	540.00'	25°13'42"	120.84	237.77
③	60.00'	54°29'25"	30.90'	57.06'

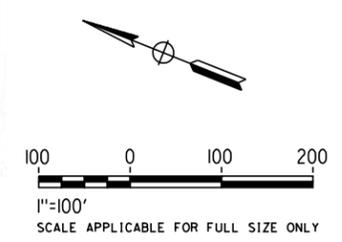
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- PROPOSED ROW
- ▲ RETAINING WALL
- EXISTING DRIVEWAYS
- ▨ IMPACTED AREAS



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:25:20 AM c:\jip\pwworkdir\jag_garyo\d0150139\K2L-CV-T1031.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - VICTORY PL UNDERPASS

PLAN

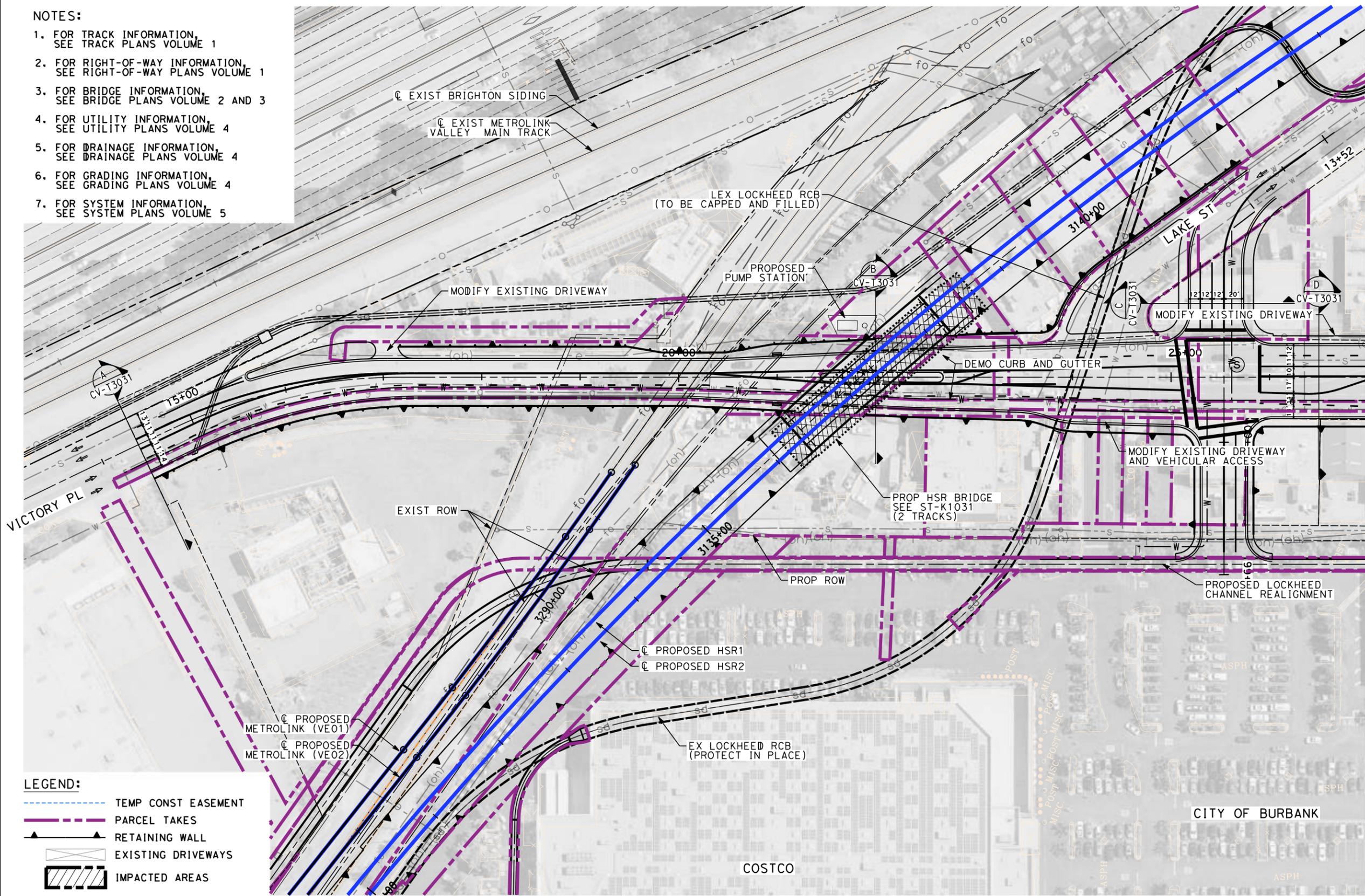
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1031

SCALE
AS SHOWN

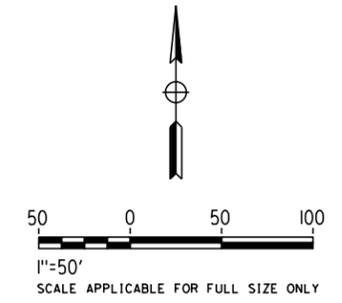
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE - STA 27+00.00 SEE DRAWING NO. CV-T1043

- LEGEND:**
- TEMP CONST EASEMENT
 - PARCEL TAKES
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 11:21:43 AM c:\j\p\pwworkdir\j\g_gary\0150139\K2L-CV-T1033.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - VICTORY PL UNDERPASS

IMPACT PLAN

CONTRACT NO.
HSR14-39

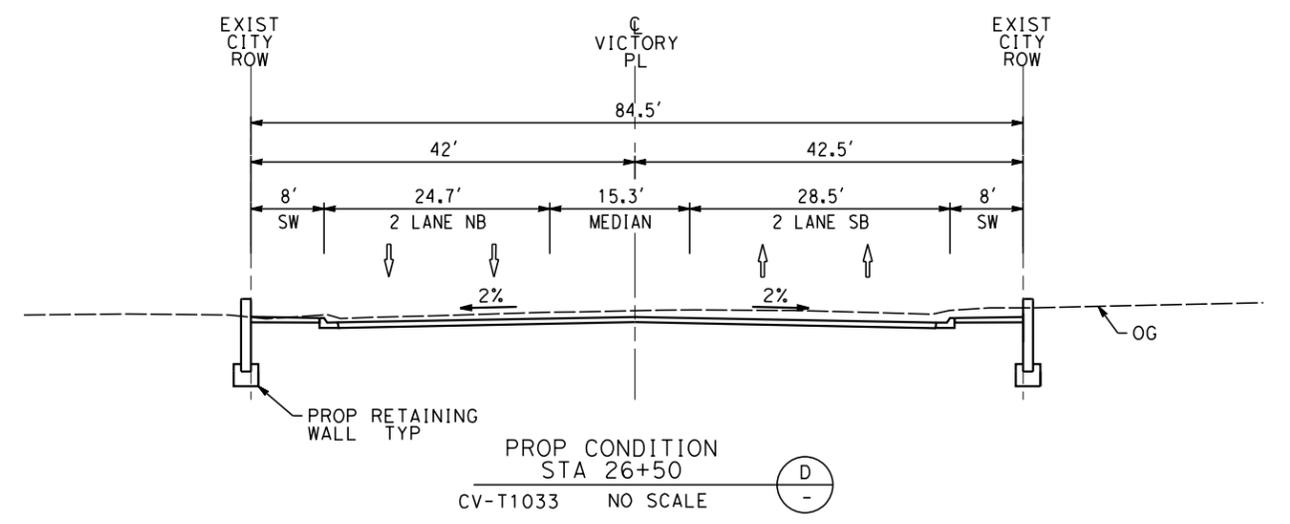
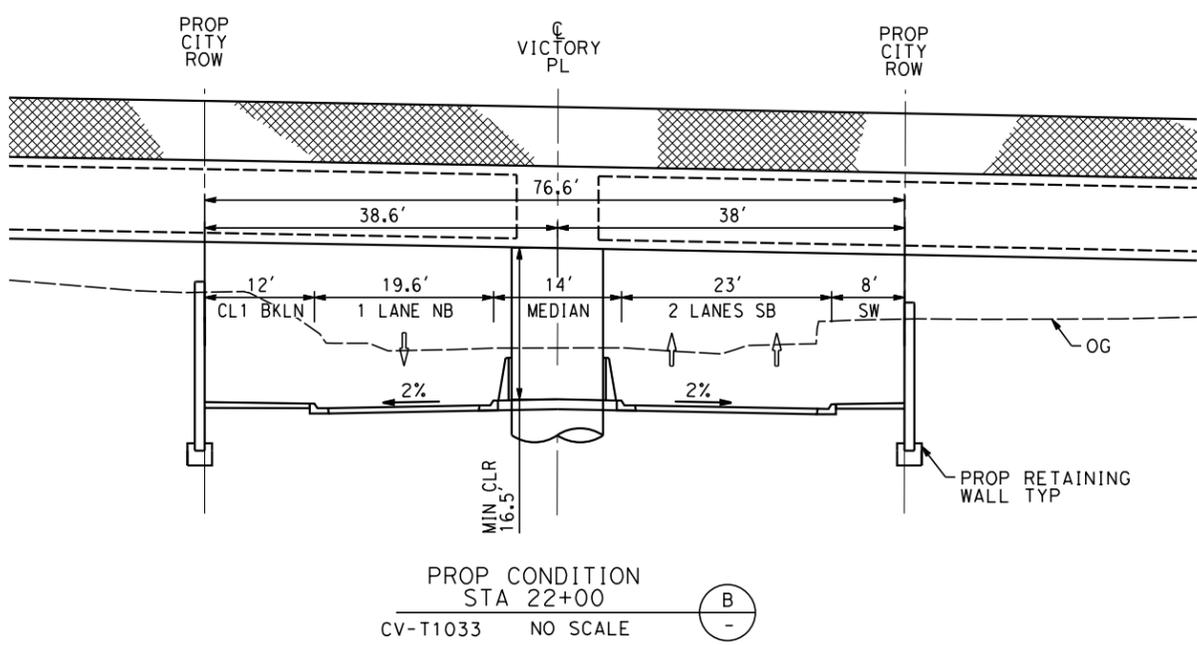
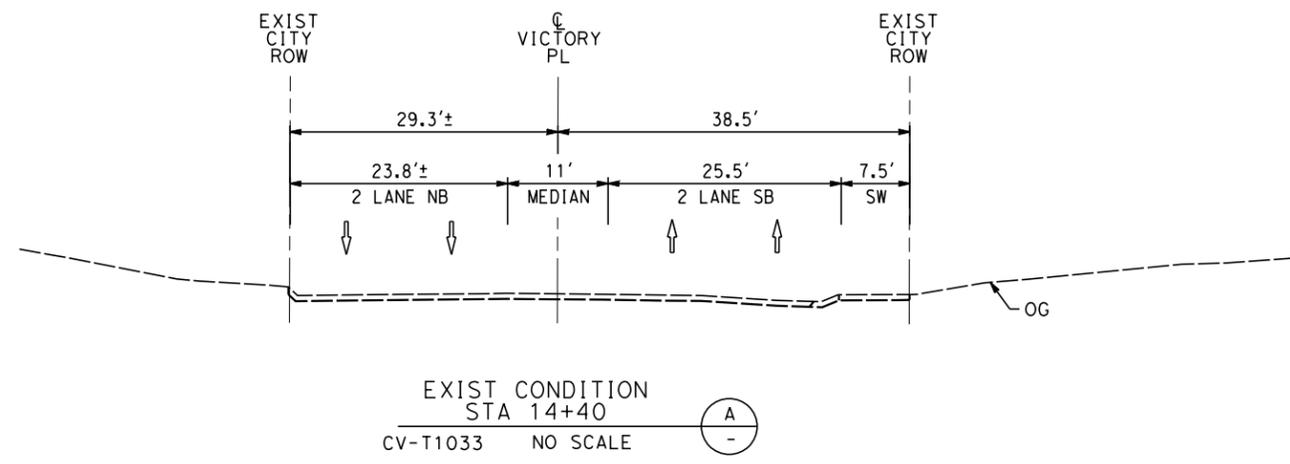
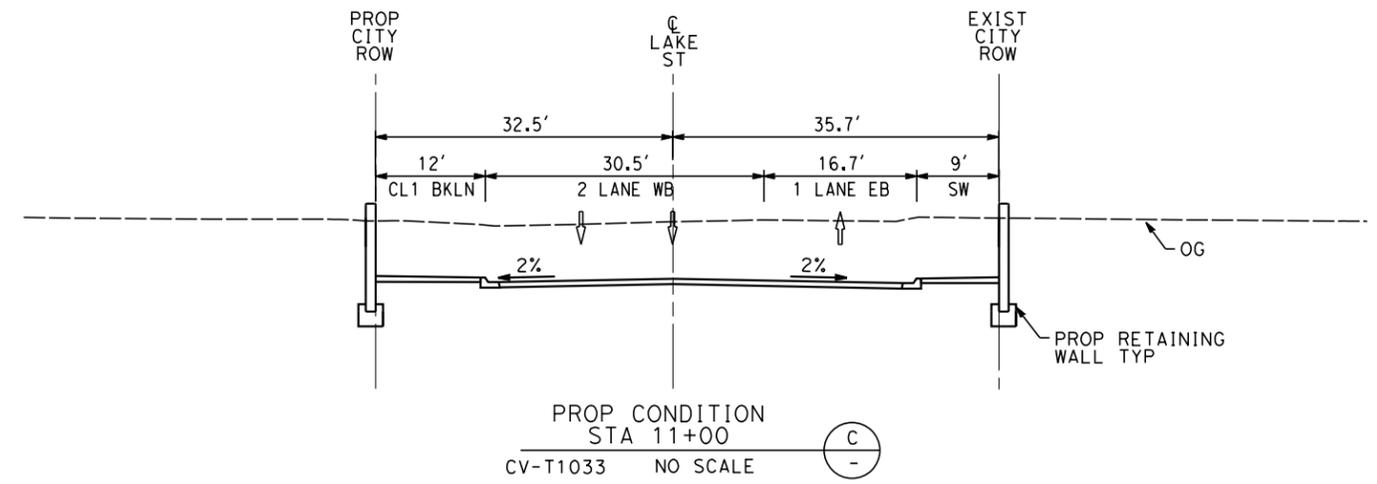
DRAWING NO.
CV-T1033

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - VICTORY PL UNDERPASS

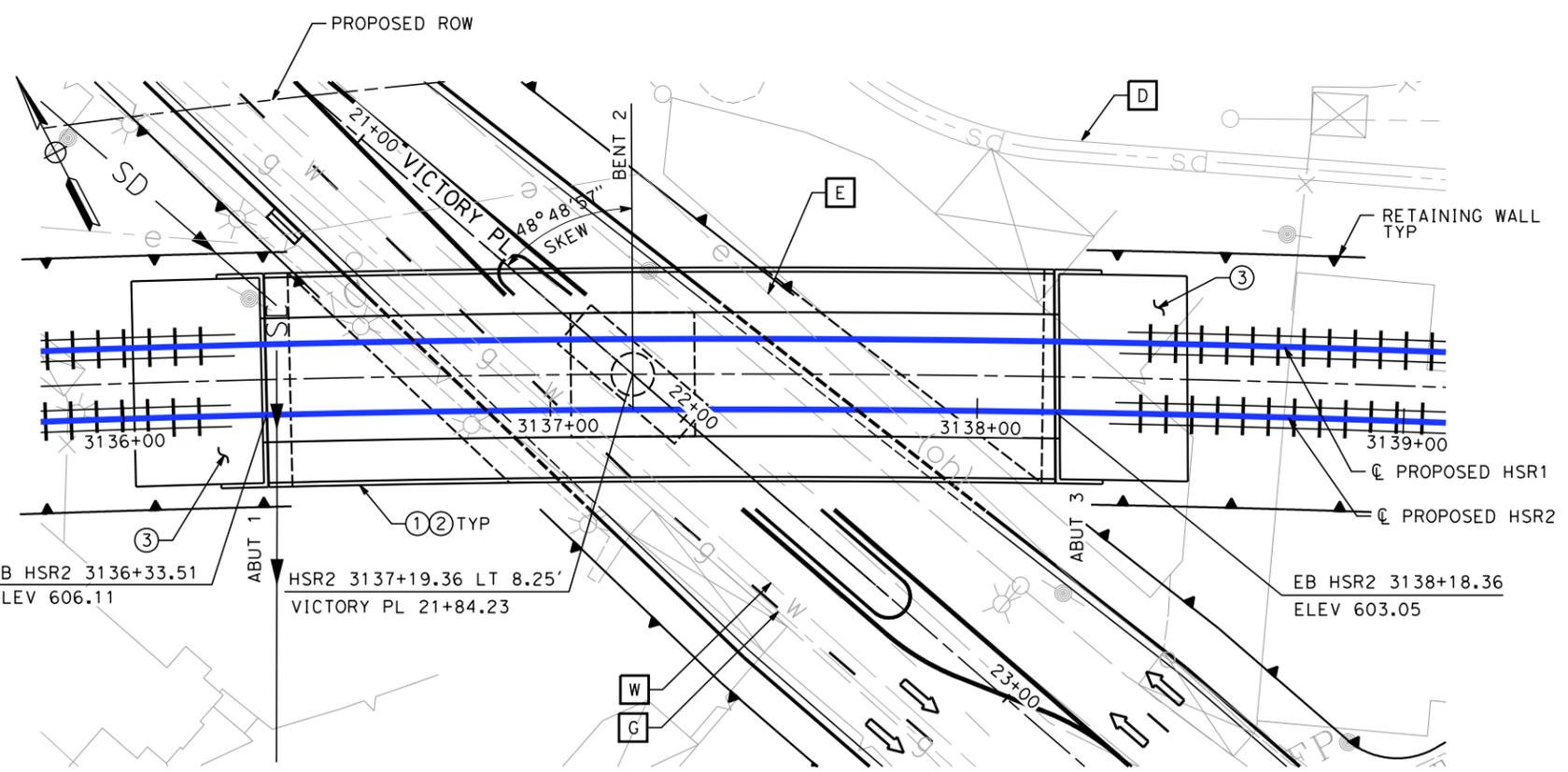
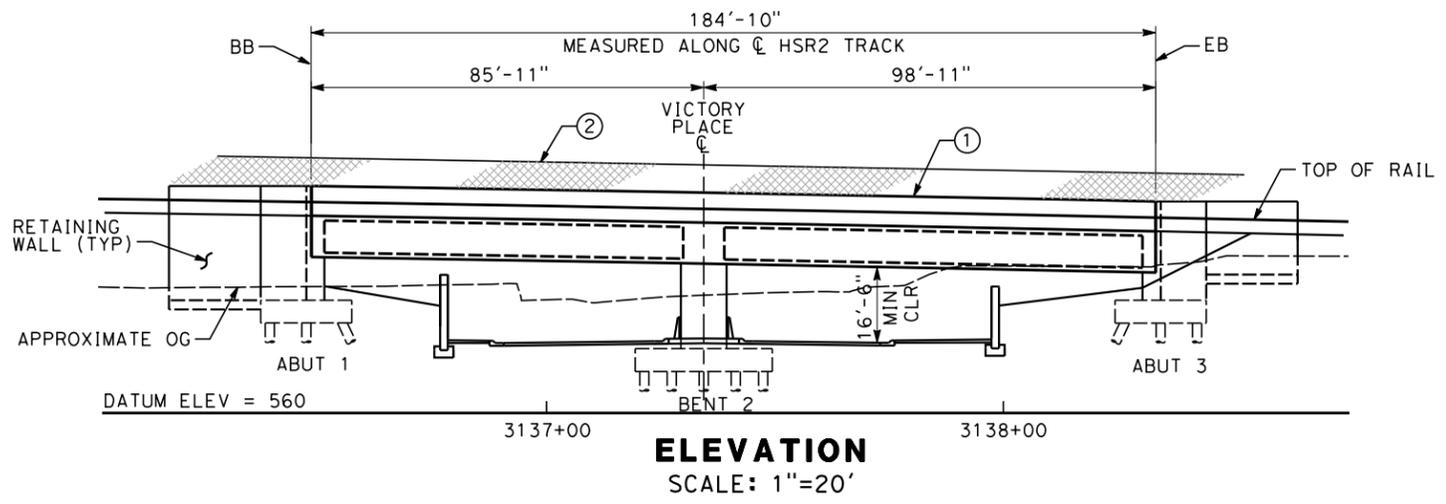
CROSS-SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3031

SCALE
AS SHOWN

SHEET NO.



NOTES

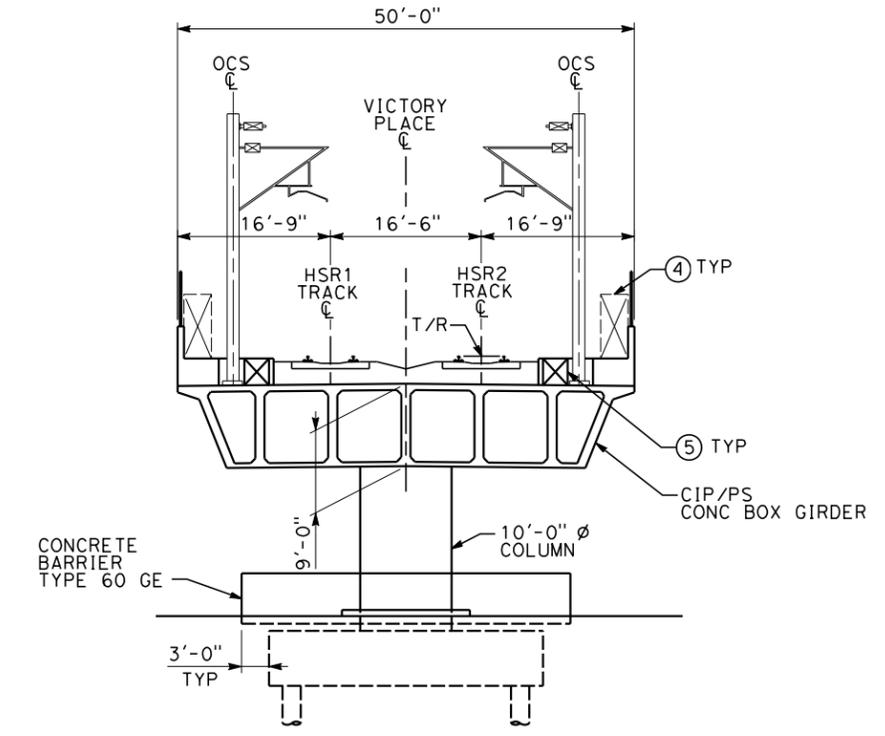
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)
- ⑤ CABLE DUCT

EXISTING UTILITIES

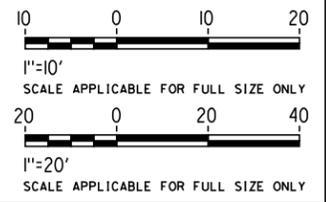
- E ELECTRIC CABLE (OH)
- G GAS
- D STORM DRAIN
- W WATER

LEGEND

- ➔ INDICATES DIRECTION OF TRAFFIC
- ▤▤▤▤ INDICATES RAILROAD AND HST TRACKS



TYPICAL SECTION
SCALE: 1"=10'



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7/13/2021 11:28:59 AM c:\jip\pwworkdir\jag_garyo\d0150141\k2l-st-k1031.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

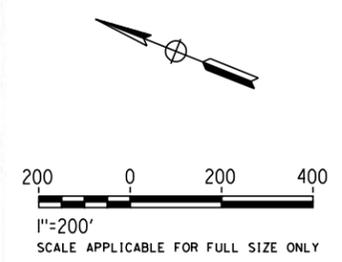
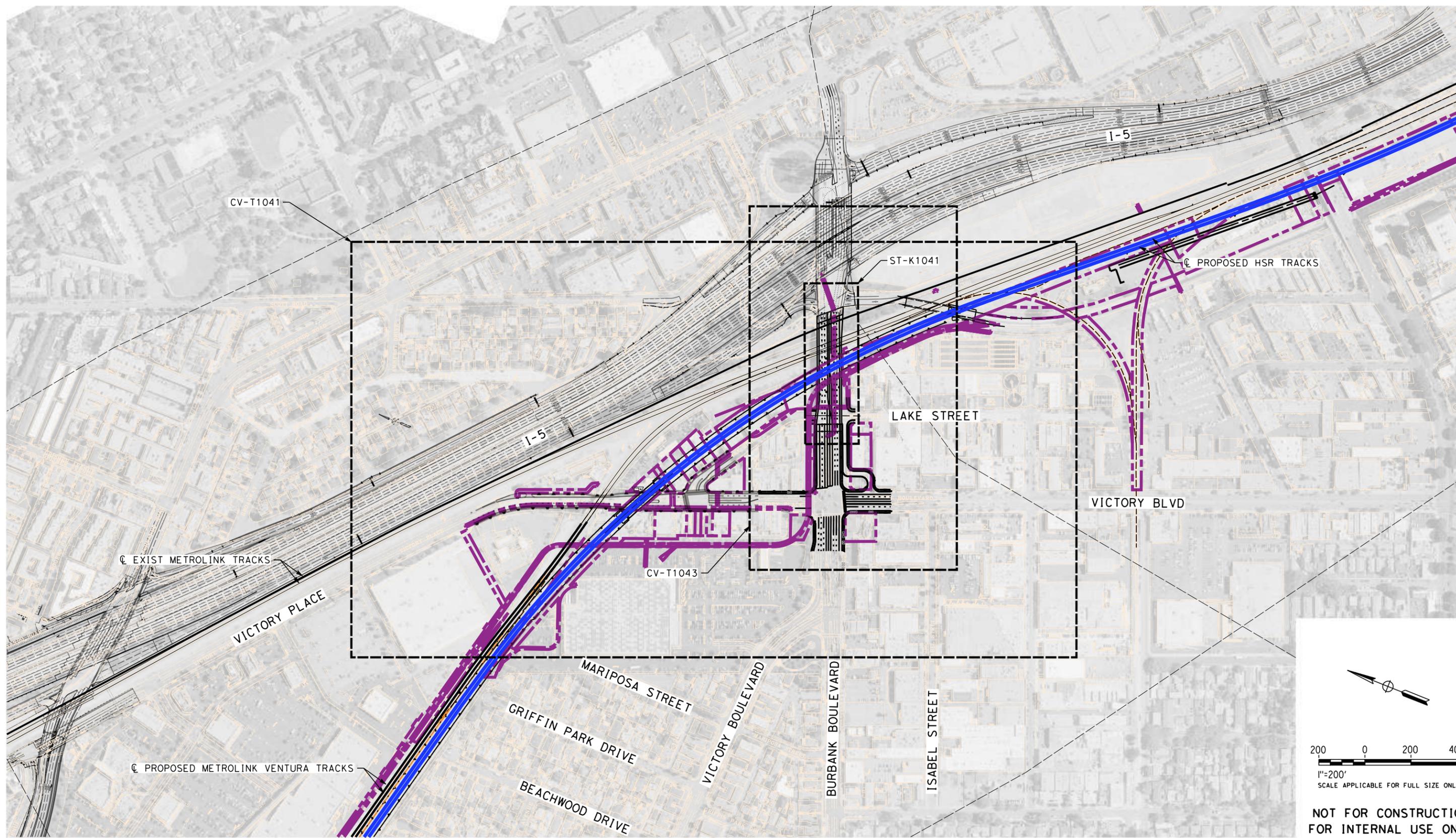
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - VICTORY PLACE UNDERPASS
GENERAL PLAN SHEET 1 OF 1

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1031
SCALE
AS SHOWN
SHEET NO.

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DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - BURBANK BLVD OVERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0041
SCALE
AS SHOWN
SHEET NO.

LINE DATA

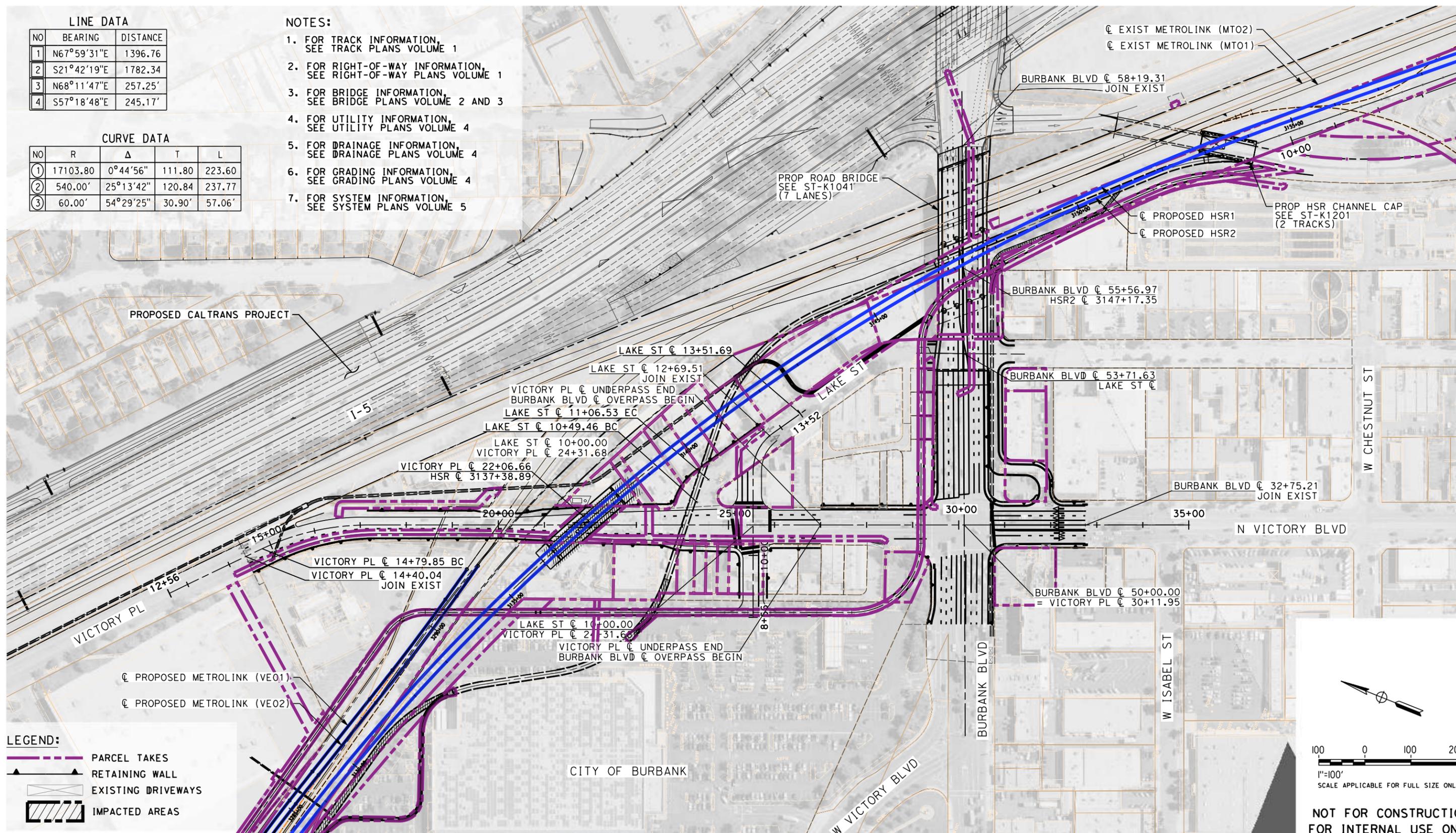
NO	BEARING	DISTANCE
1	N67°59'31"E	1396.76
2	S21°42'19"E	1782.34
3	N68°11'47"E	257.25'
4	S57°18'48"E	245.17'

CURVE DATA

NO	R	Δ	T	L
①	17103.80	0°44'56"	111.80	223.60
②	540.00'	25°13'42"	120.84	237.77
③	60.00'	54°29'25"	30.90'	57.06'

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



PROPOSED CALTRANS PROJECT

☐ EXIST METROLINK (MT02)
☐ EXIST METROLINK (MT01)

BURBANK BLVD ☐ 58+19.31
JOIN EXIST

PROP ROAD BRIDGE
SEE ST-K1041
(7 LANES)

PROP HSR CHANNEL CAP
SEE ST-K1201
(2 TRACKS)

☐ PROPOSED HSR1
☐ PROPOSED HSR2

BURBANK BLVD ☐ 55+56.97
HSR2 ☐ 3147+17.35

LAKE ST ☐ 13+51.69

LAKE ST ☐ 12+69.51
JOIN EXIST

VICTORY PL ☐ UNDERPASS END
BURBANK BLVD ☐ OVERPASS BEGIN
LAKE ST ☐ 11+06.53 EC

LAKE ST ☐ 10+49.46 BC

LAKE ST ☐ 10+00.00
VICTORY PL ☐ 24+31.68

VICTORY PL ☐ 22+06.66
HSR ☐ 3137+38.89

BURBANK BLVD ☐ 53+71.63
LAKE ST ☐

BURBANK BLVD ☐ 32+75.21
JOIN EXIST

N VICTORY BLVD

BURBANK BLVD ☐ 50+00.00
= VICTORY PL ☐ 30+11.95

LAKE ST ☐ 10+00.00
VICTORY PL ☐ 24+31.68

VICTORY PL ☐ UNDERPASS END
BURBANK BLVD ☐ OVERPASS BEGIN

☐ PROPOSED METROLINK (VE01)

☐ PROPOSED METROLINK (VE02)

LEGEND:

- PARCEL TAKES
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

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

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - BURBANK BLVD OVERPASS

PLAN

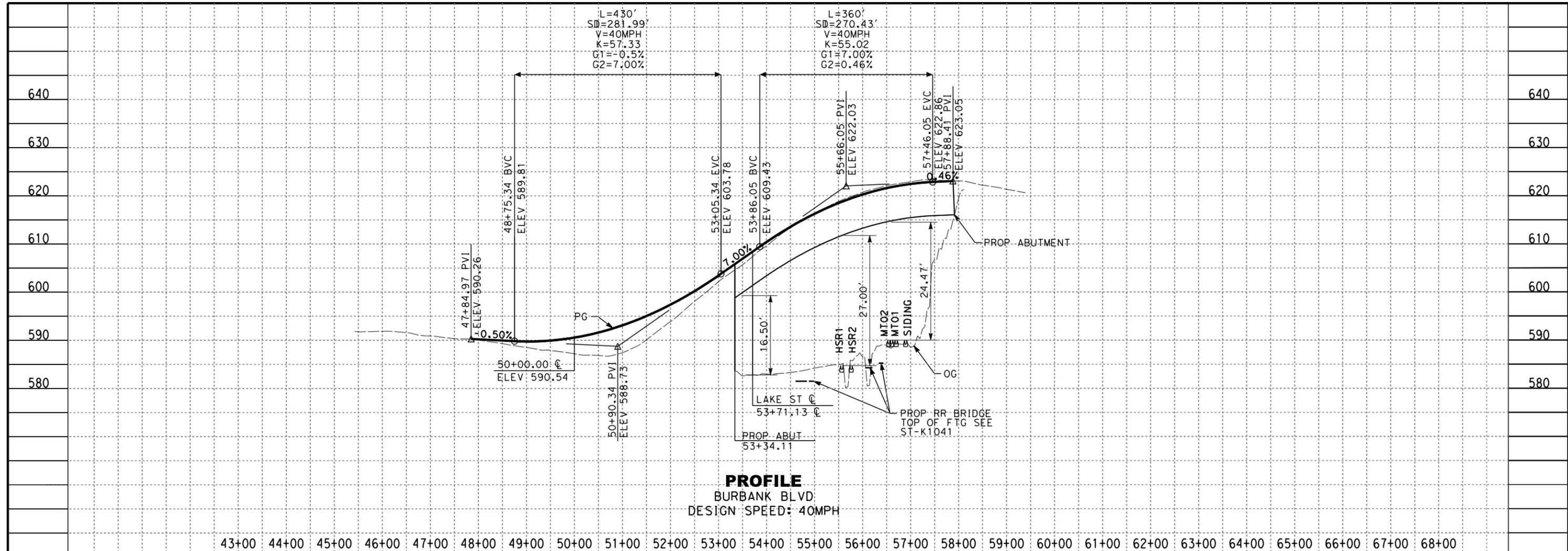
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1041

SCALE
AS SHOWN

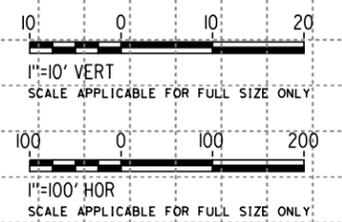
SHEET NO.

7/13/2021 11:33:00 AM c:\jip\pwworkdir\jag_gary\d0150139\k2L-CV-T1042.dgn



PROFILE
BURBANK BLVD
DESIGN SPEED: 40MPH

43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

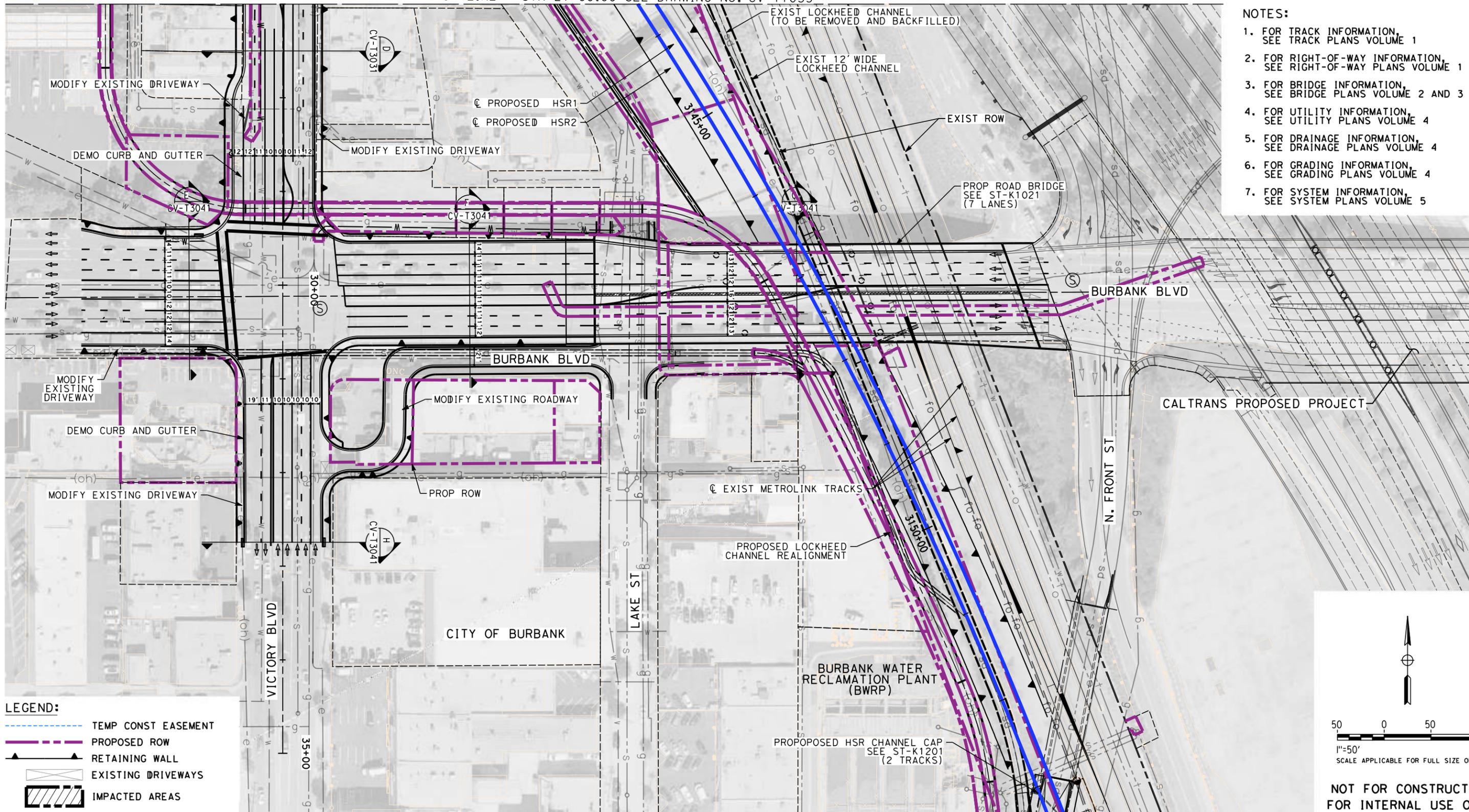
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - BURBANK BLVD OVERPASS
PROFILE

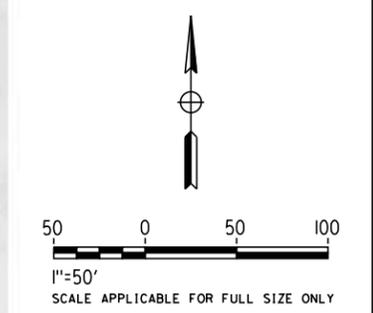
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1042
SCALE
AS SHOWN
SHEET NO.

MATCH LINE - STA 27+00.00 SEE DRAWING NO. CV-T1033



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



**NOT FOR CONSTRUCTION
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7/13/2021 11:34:16 AM c:\j\p\pwworkdir\j\eg_gary\0150139\K2L-CV-T1043.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

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RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - BURBANK AVE OVERPASS

IMPACT PLAN

CONTRACT NO.
HSR14-39

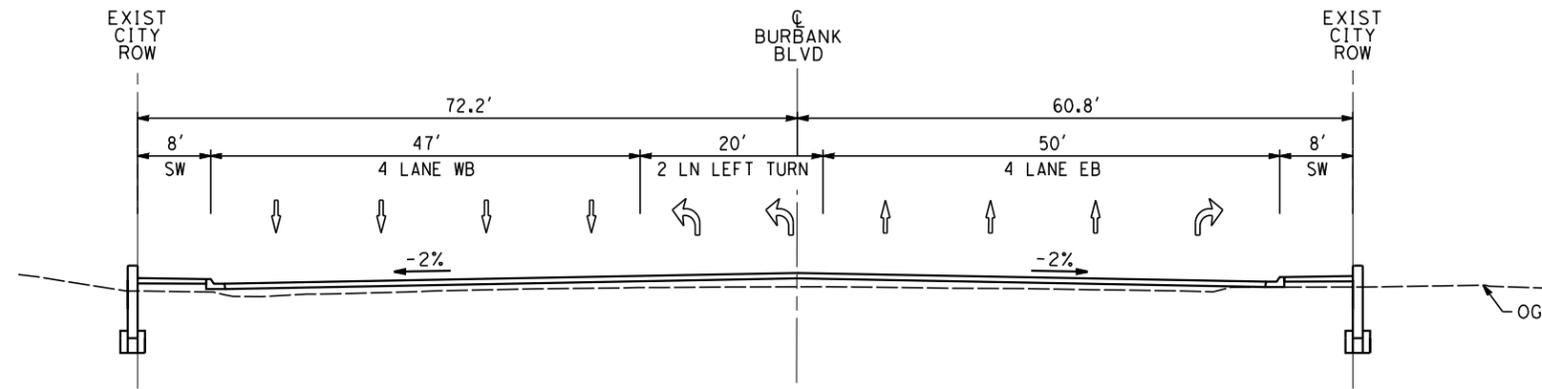
DRAWING NO.
CV-T1043

SCALE
AS SHOWN

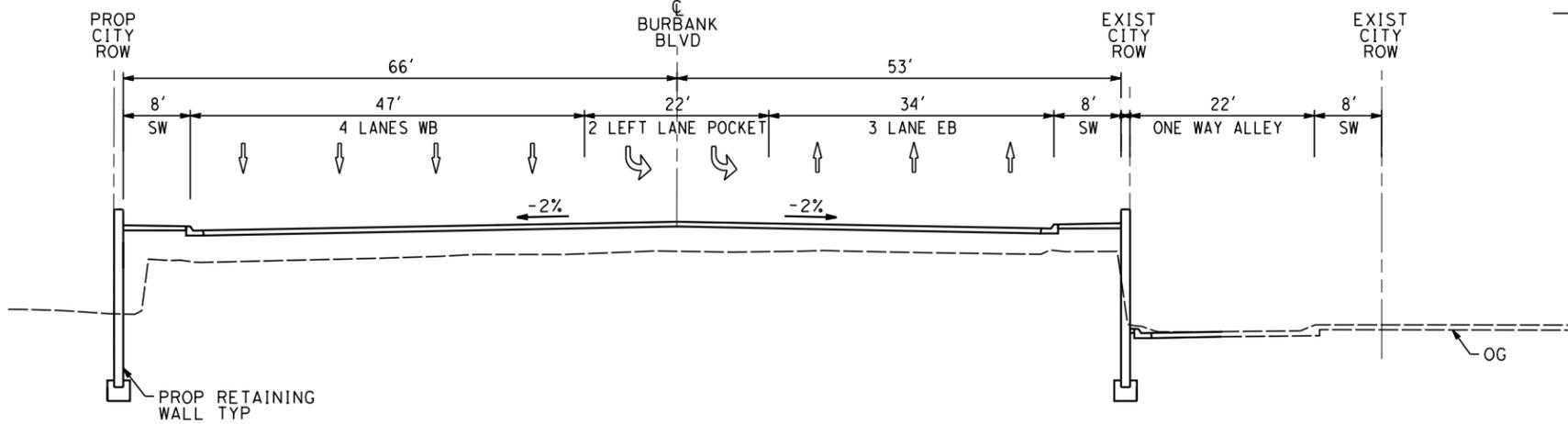
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NOTES:

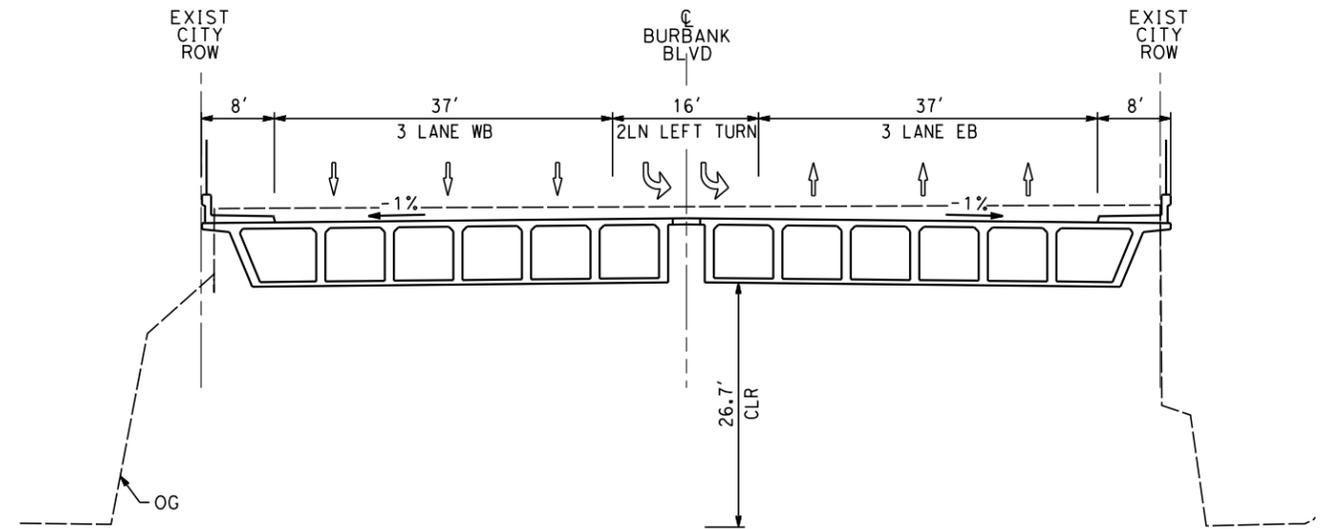
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



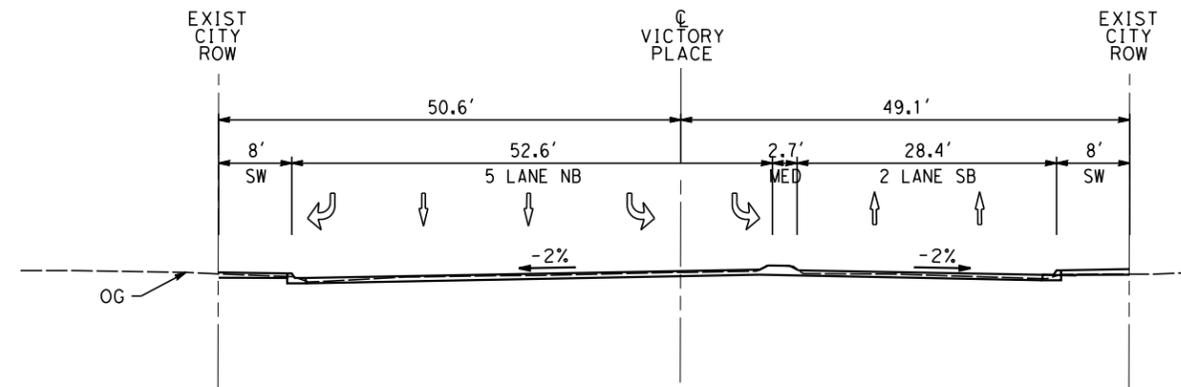
PROP CONDITION
STA 49+00
CV-T1023 NO SCALE (E)



PROP CONDITION
STA 52+00
CV-T1023 NO SCALE (F)



PROP CONDITION
STA 55+50
CV-T1023 NO SCALE (G)



EXIST CONDITION
STA 32+74
CV-T1023 NO SCALE (H)

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7/13/2021 11:34:47 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2l-cv-t3041.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

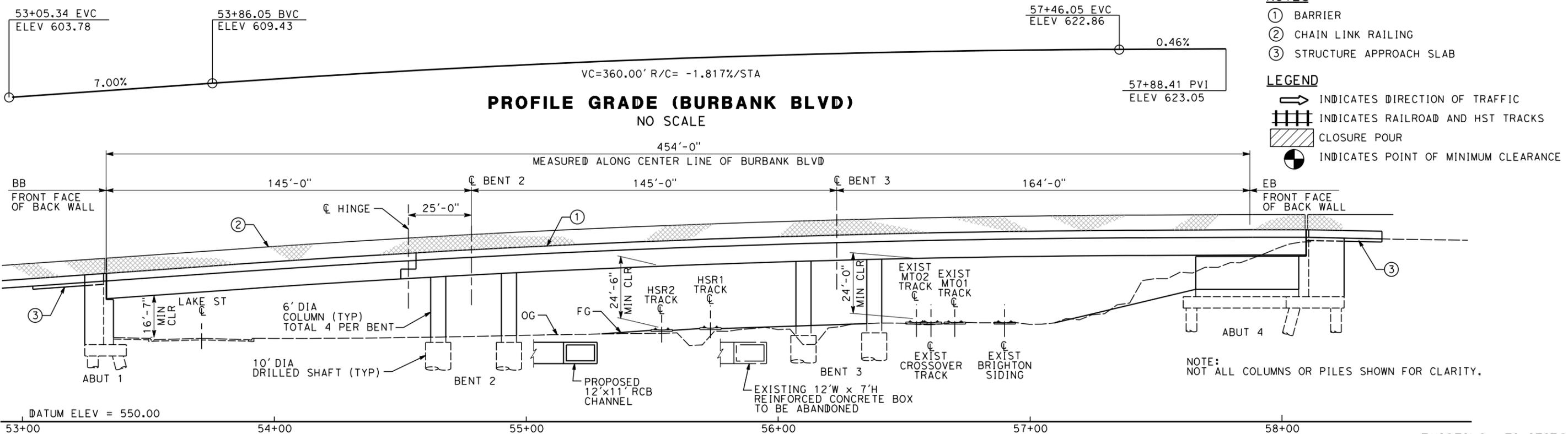
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - BURBANK BLVD OVERPASS
CROSS-SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3041

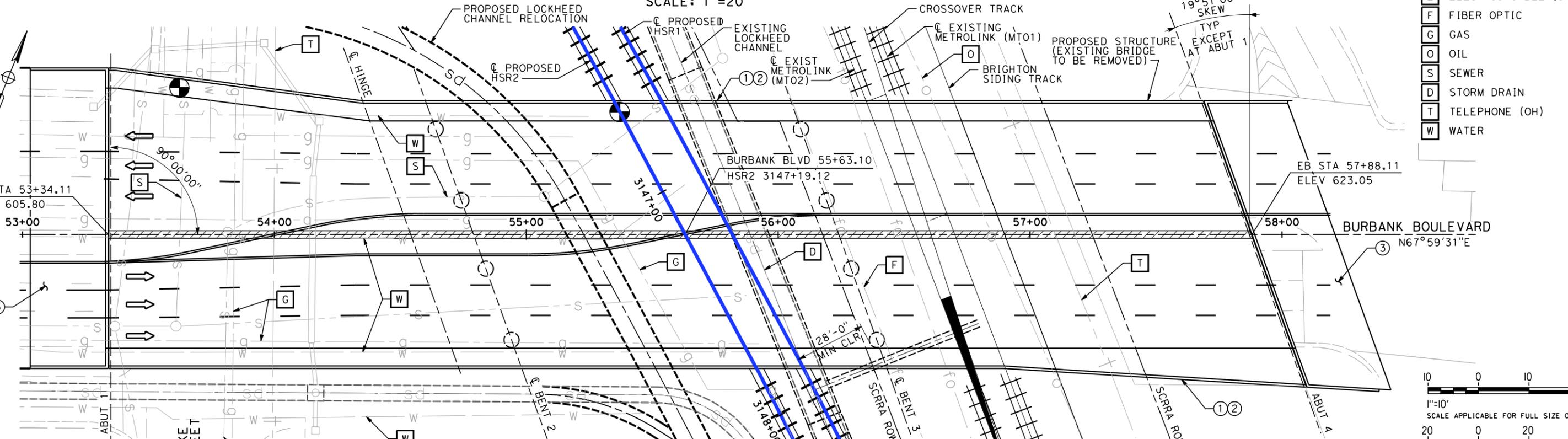
SCALE
AS SHOWN

SHEET NO.

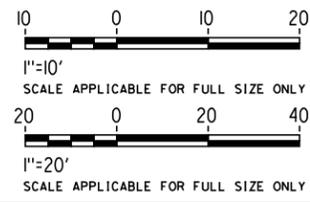


- NOTES**
- ① BARRIER
 - ② CHAIN LINK RAILING
 - ③ STRUCTURE APPROACH SLAB
- LEGEND**
- ➔ INDICATES DIRECTION OF TRAFFIC
 - ▤▤▤▤ INDICATES RAILROAD AND HST TRACKS
 - ▨▨▨▨ CLOSURE POUR
 - ⊙ INDICATES POINT OF MINIMUM CLEARANCE

ELEVATION (EXISTING BRIDGE TO BE REMOVED)
SCALE: 1"=20'



- EXISTING UTILITIES**
- E ELECTRIC CABLE (OH)
 - F FIBER OPTIC
 - G GAS
 - O OIL
 - S SEWER
 - D STORM DRAIN
 - T TELEPHONE (OH)
 - W WATER



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD

GRADE SEPARATION - BURBANK BLVD OVERPASS
GENERAL PLAN - SHEET 1 OF 2

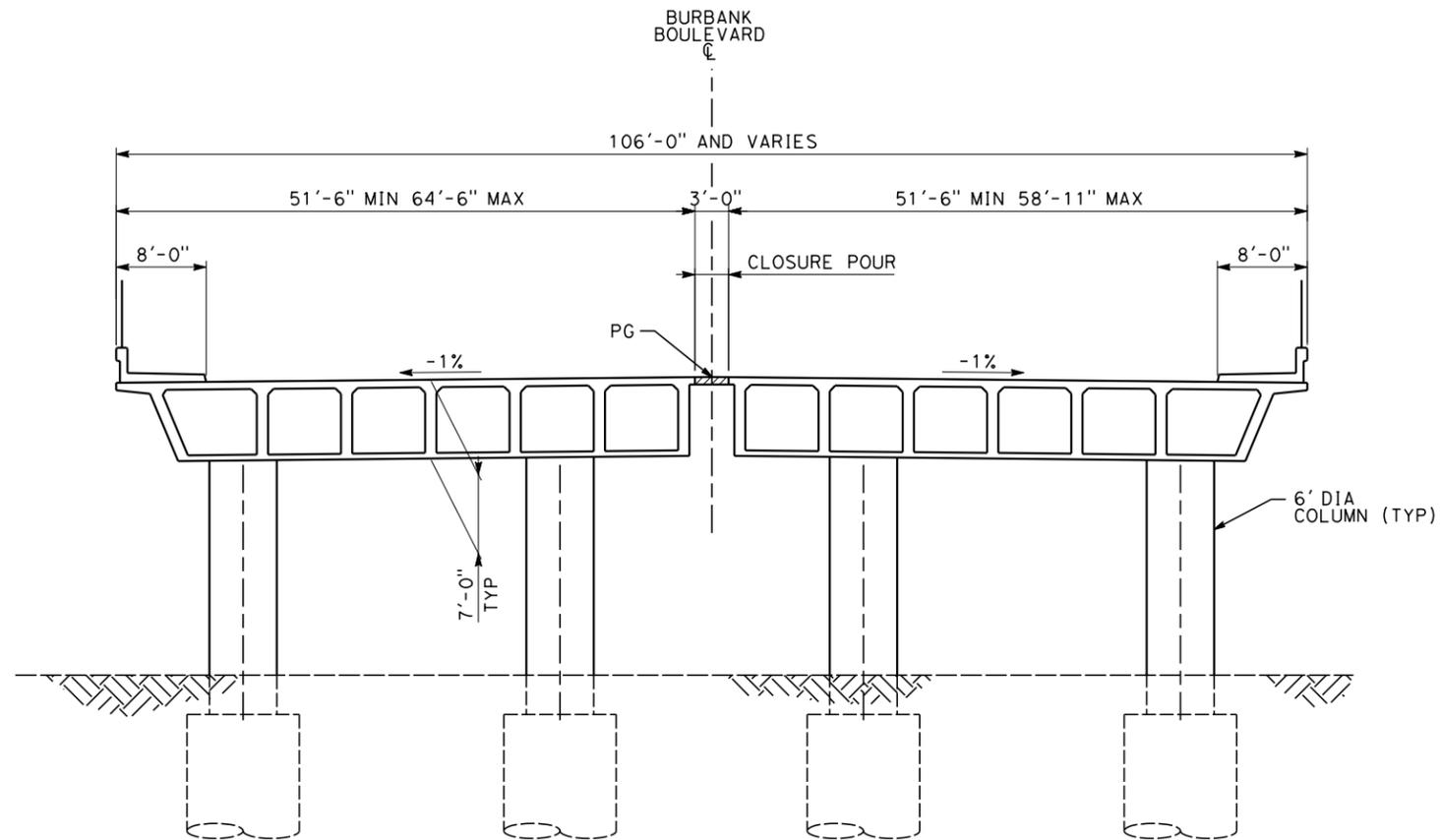
CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1041

SCALE
AS SHOWN

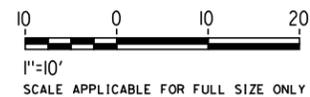
SHEET NO.

7/13/2021 11:35:42 AM c:\j\p\pwworkdir\j\eg_garyo\d0150141\k2L-ST-K1042.dgn



TYPICAL SECTION
SCALE: 1/8"=1'-0"

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FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

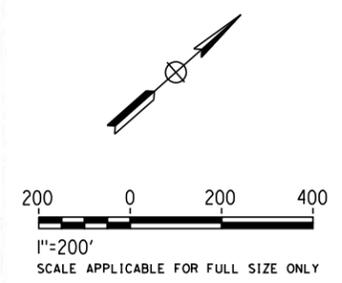
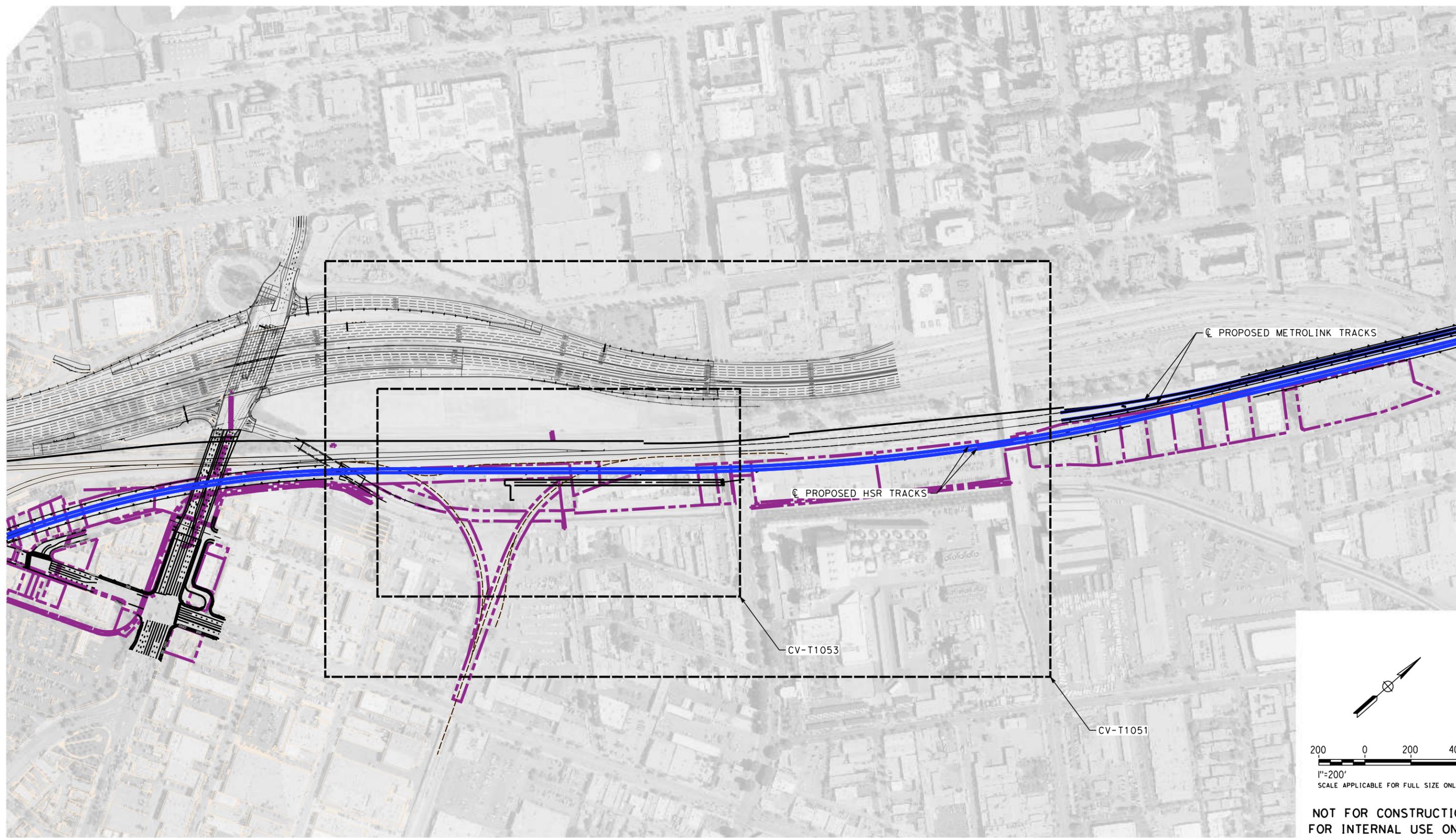
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - BURBANK BLVD OVERPASS
GENERAL PLAN - SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1042
SCALE
AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
TRACK ACCESS - S FLOWER EXTENSION
ORIENTATION MAP

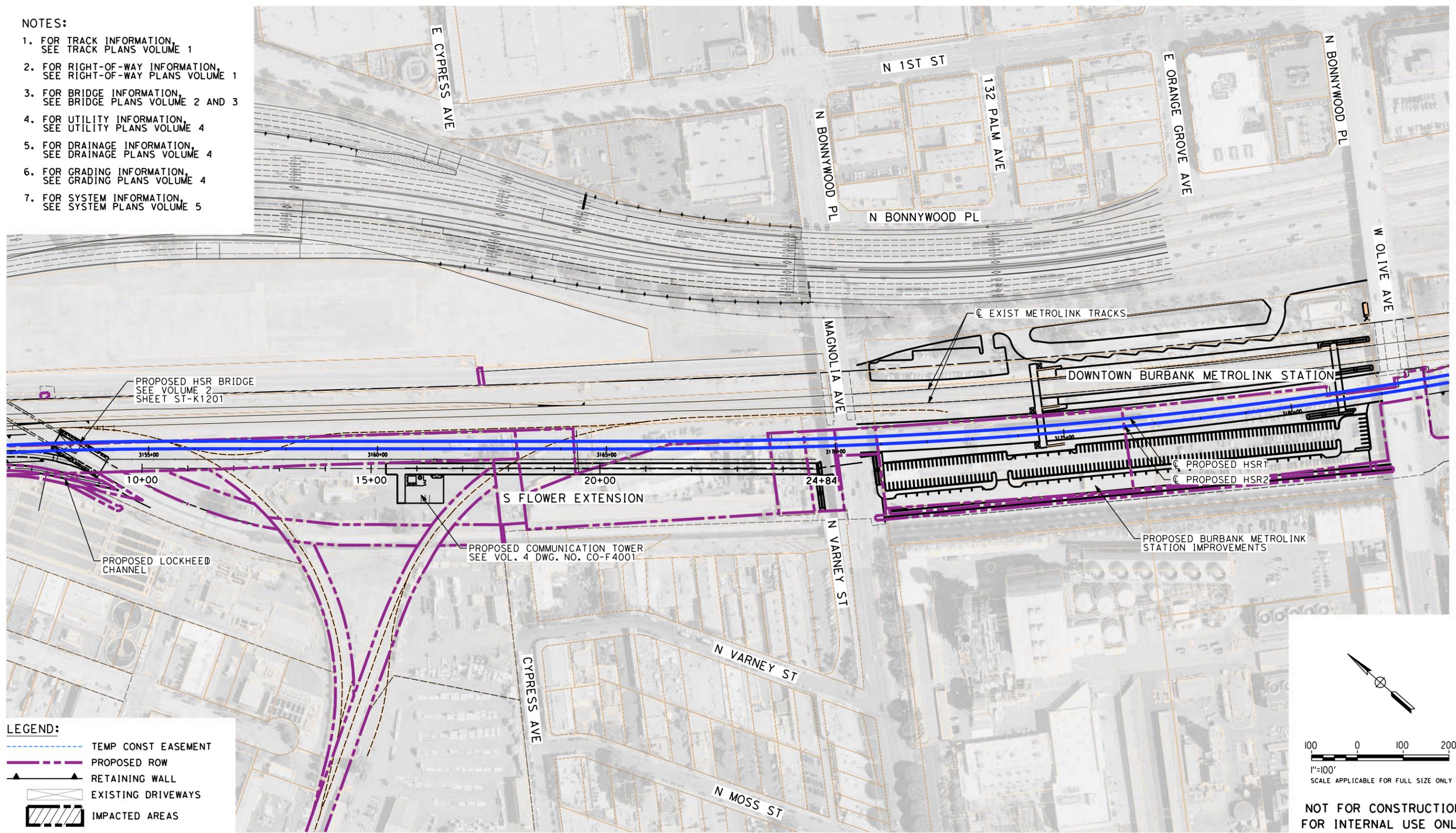
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0051

SCALE
AS SHOWN

SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

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

**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:38:30 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1051.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

TRACK ACCESS - S FLOWER EXTENSION

PLAN

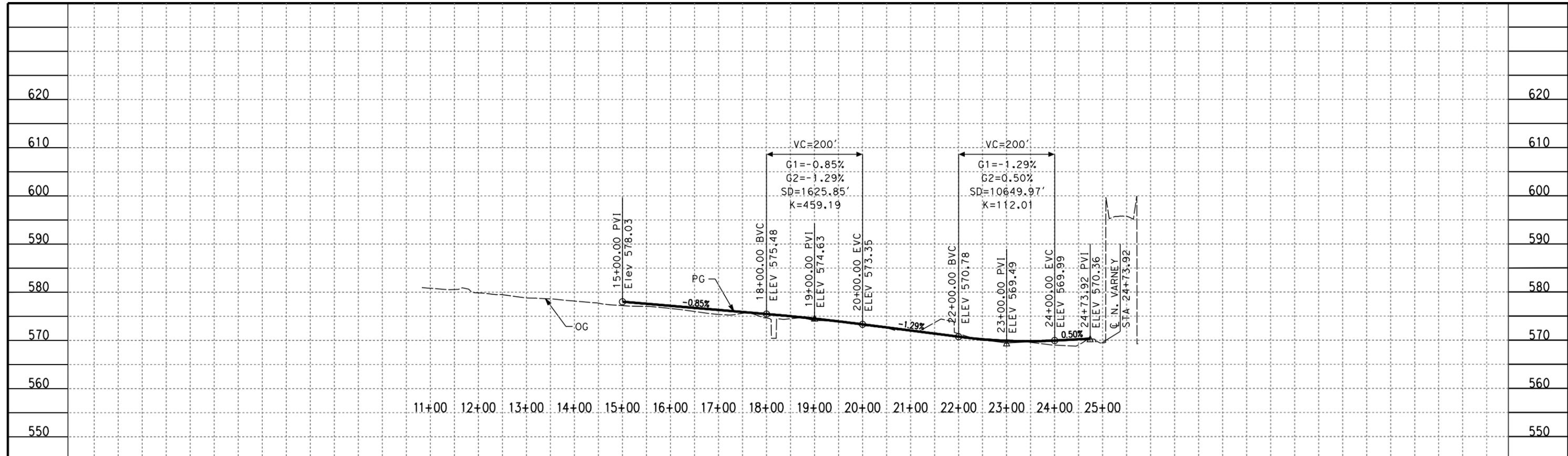
CONTRACT NO.
HSR14-39

DRAWING NO.
CT-T1051

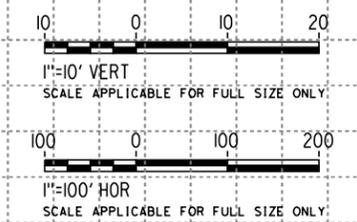
SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:39:01 AM c:\jip\pwworkdir\jag_garyo\d0150139\k2L-CV-T1052.dgn



PROFILE
SOUTH FLOWER EXTENSION
DESIGN SPEED: 35MPH



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FOR INTERNAL USE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

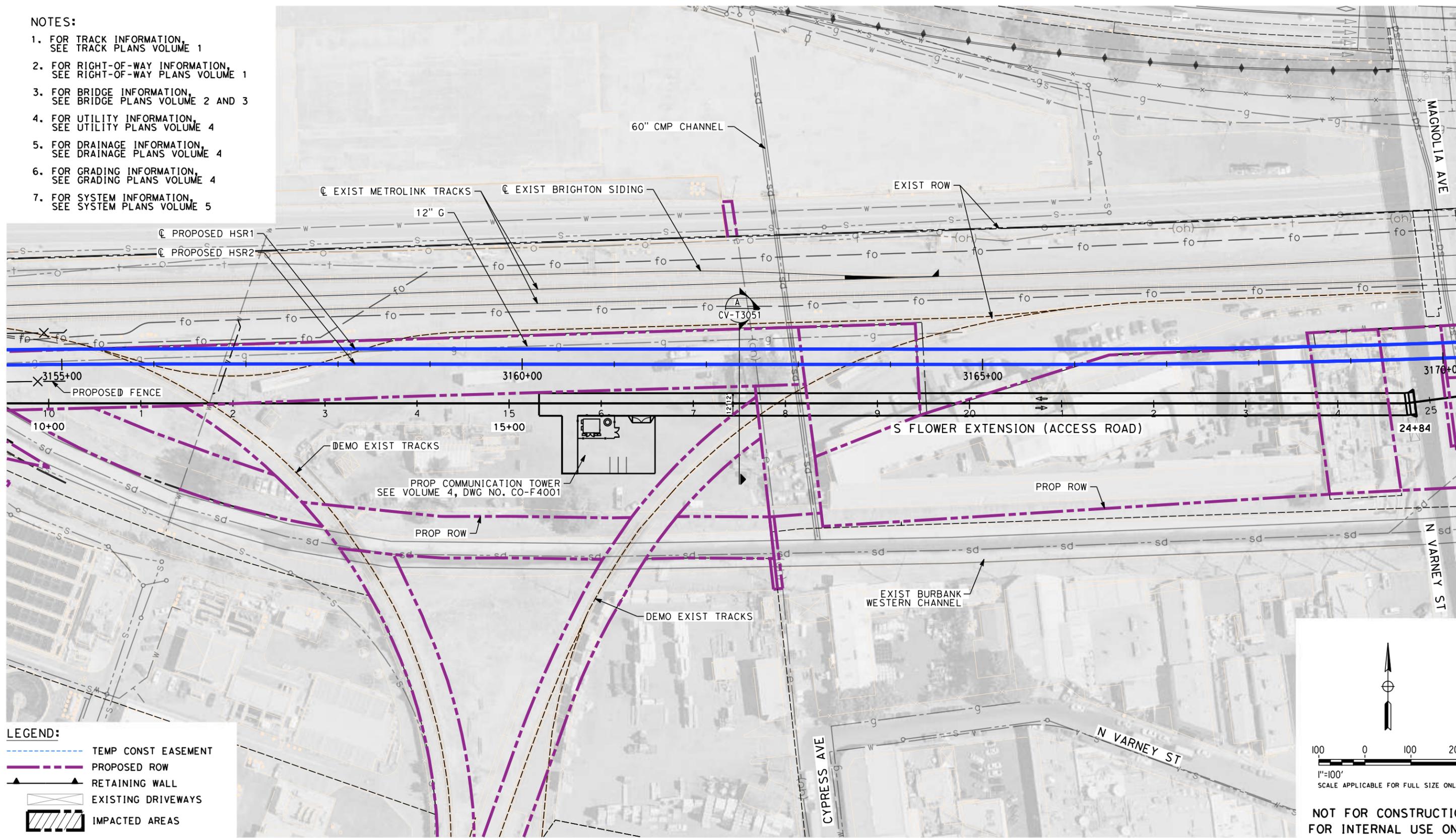


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
TRACK ACCESS - S FLOWER EXTENSION
PROFILE

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1052
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

1"=100'
SCALE APPLICABLE FOR FULL SIZE ONLY

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GARYA 7/13/2021 11:40:19 AM c:\j\p\pwworkdir\j\eg_garya\d0150139\k2L-CV-T1053.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
TRACK ACCESS - S FLOWER EXTENSION
IMPACT PLAN

CONTRACT NO.
HSR14-39

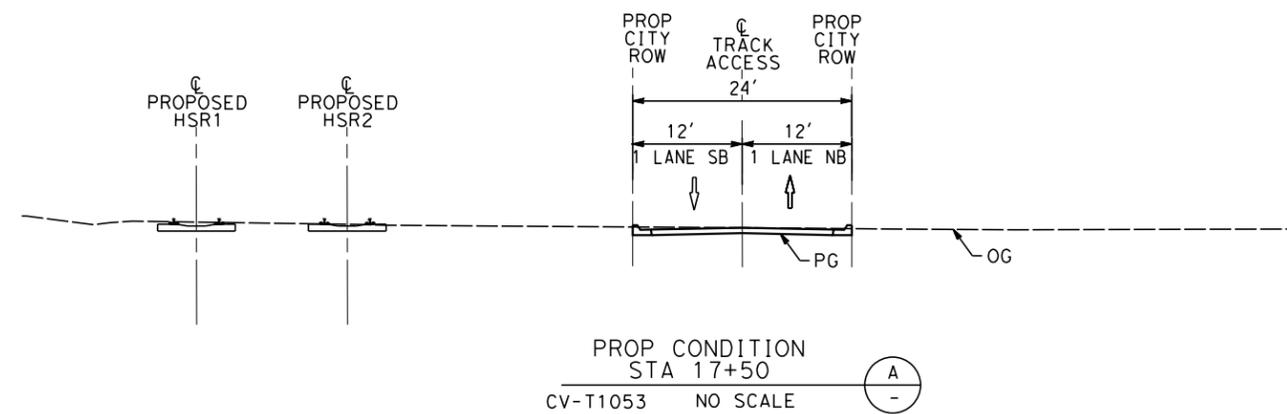
DRAWING NO.
CV-T1053

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
TRACK ACCESS - S FLOWER ST EXTENSION
CROSS-SECTION

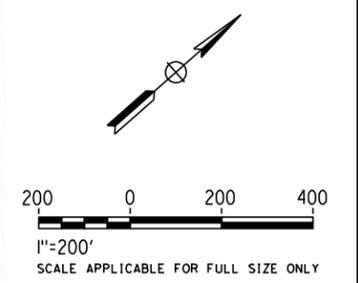
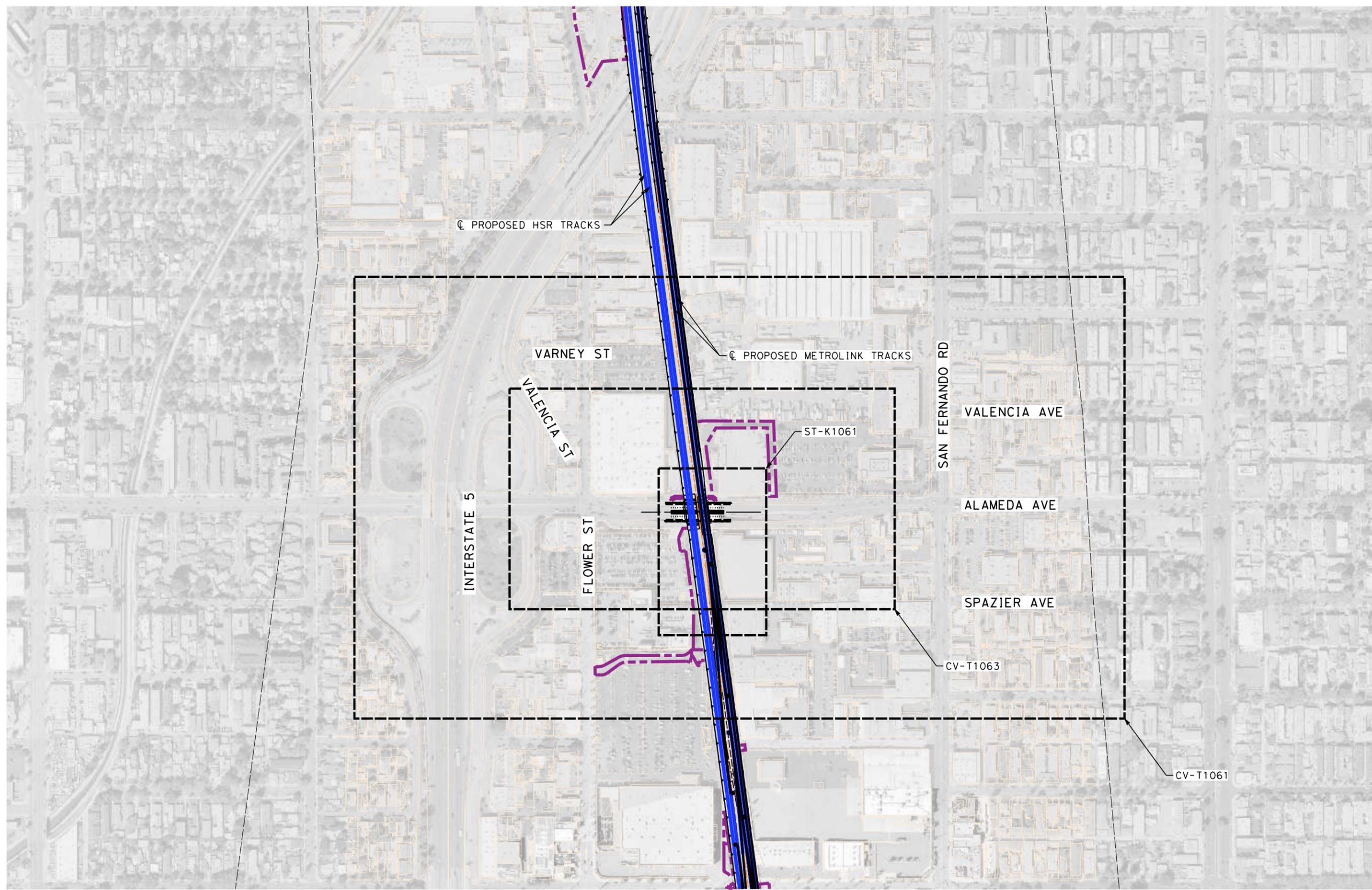
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3051

SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:42:03 AM c:\j\p\pwworkdir\jag_garya\d0150139\k2L-CV-T0061.dgn



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



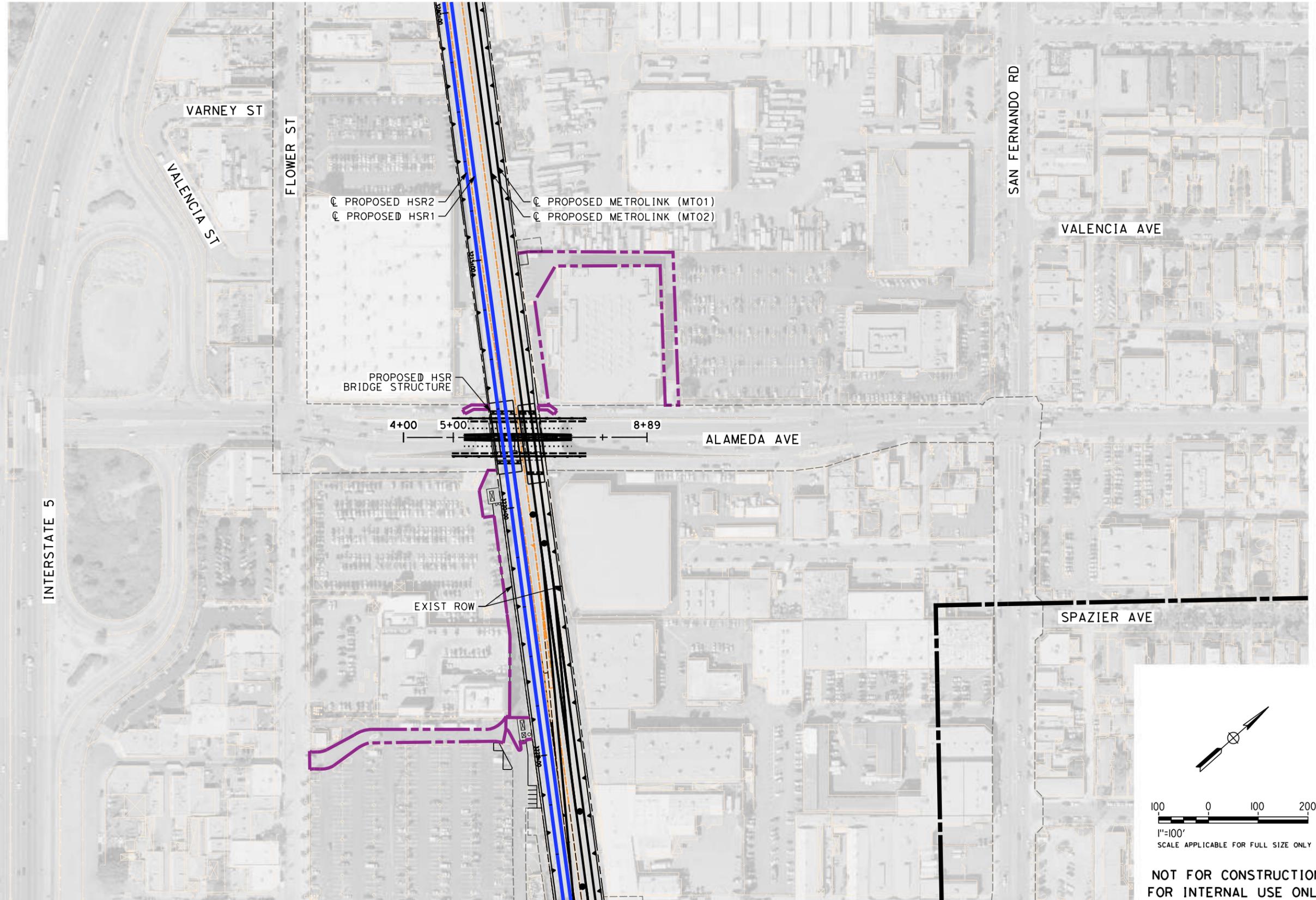
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - ALAMEDA AVE UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0061
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

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

**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:43:42 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1061.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - ALAMEDA AVE UNDERPASS
PLAN

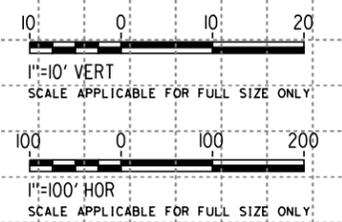
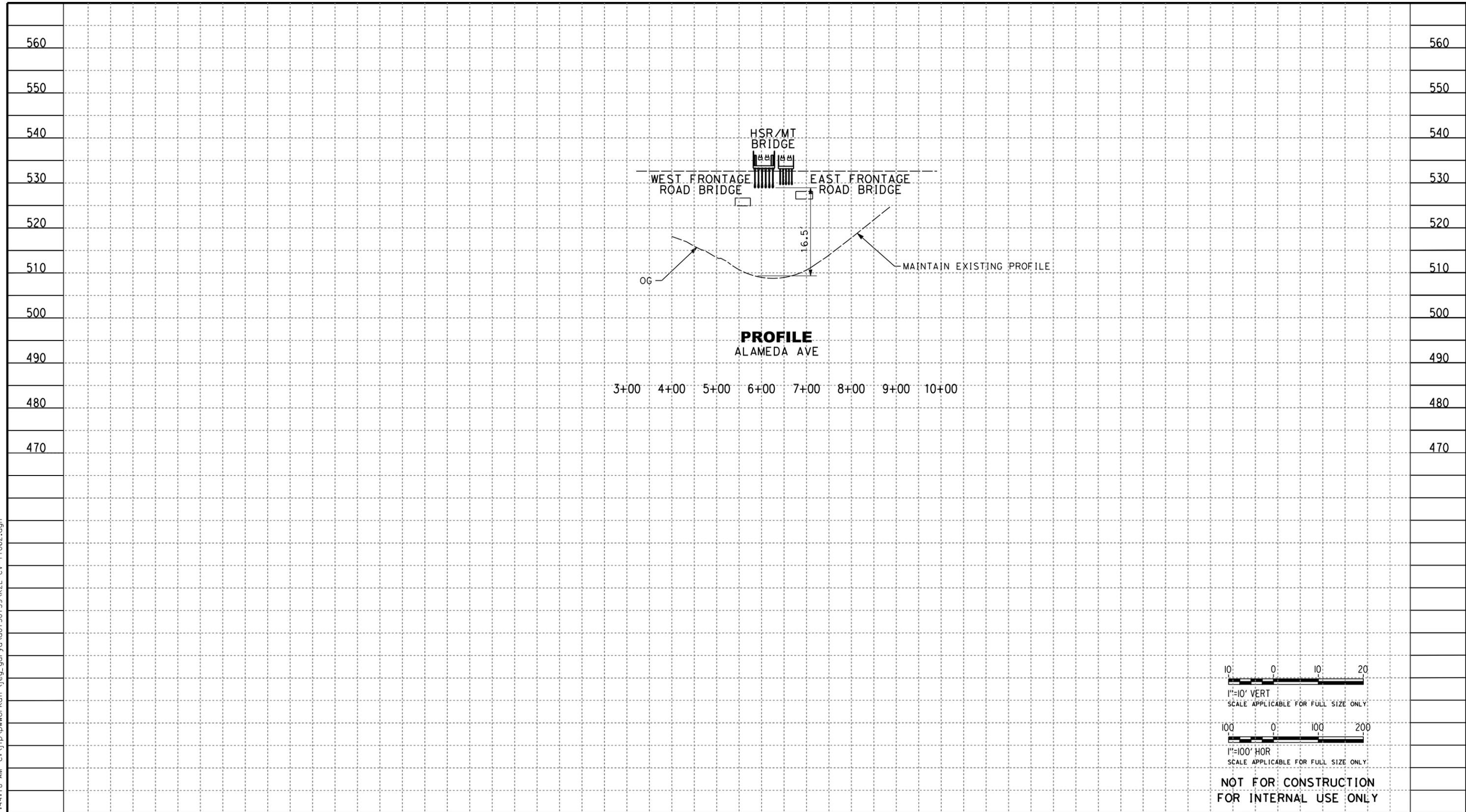
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1061

SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:44:18 AM c:\j\p\pwworkdir\jbg_garyo\d0150139\k2L-CV-T1062.dgn



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DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - ALAMEDA AVE UNDERPASS

PROFILE

CONTRACT NO.
HSR14-39

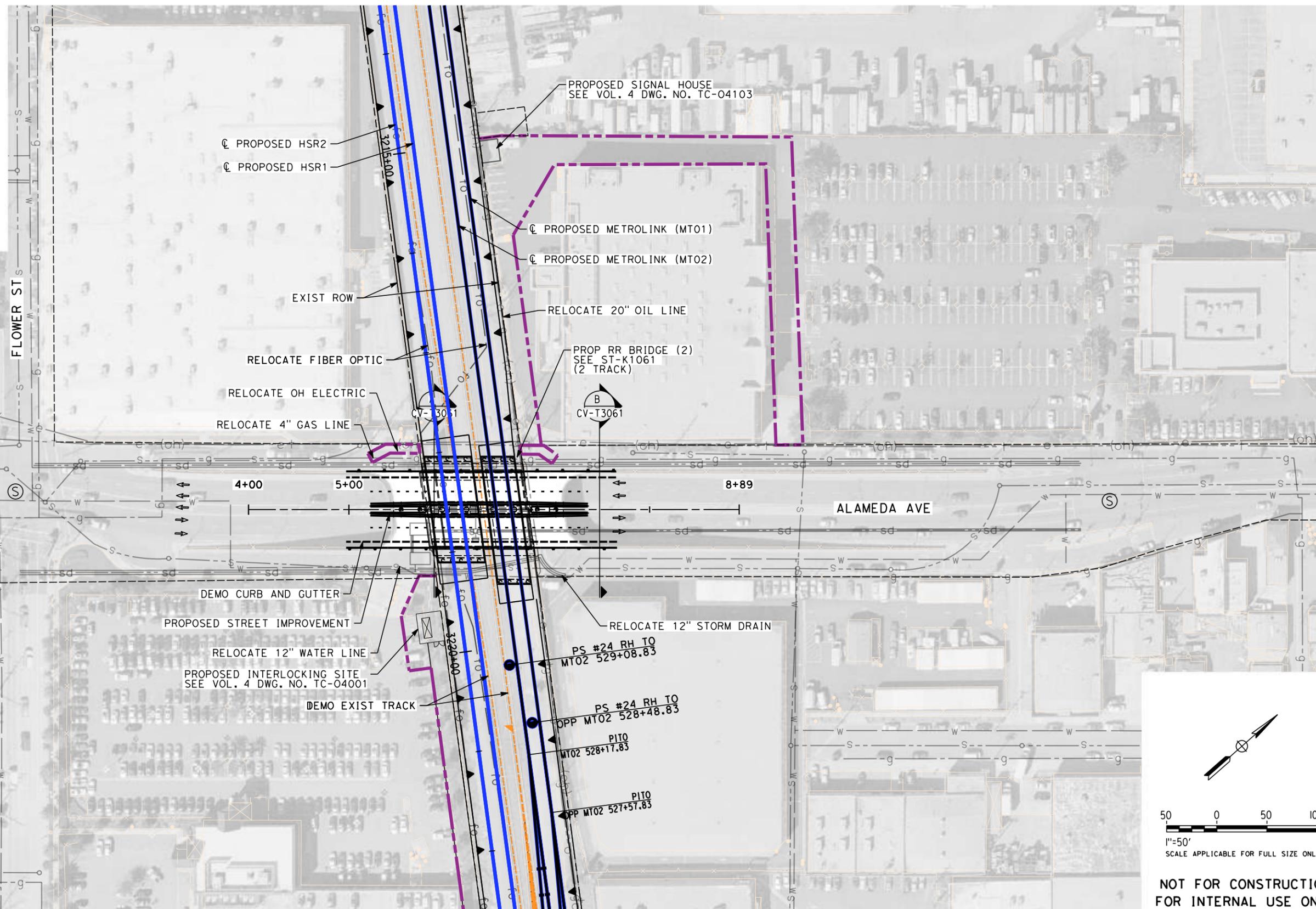
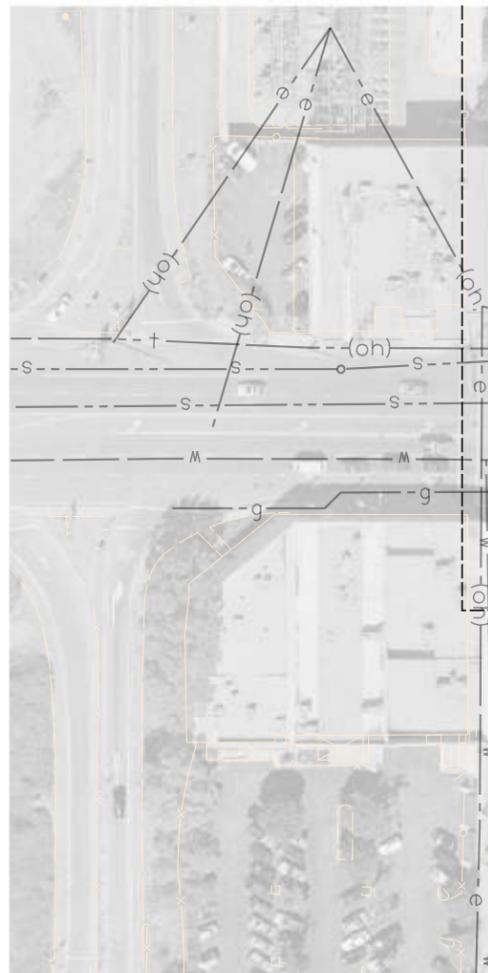
DRAWING NO.
CV-T1062

SCALE
AS SHOWN

SHEET NO.

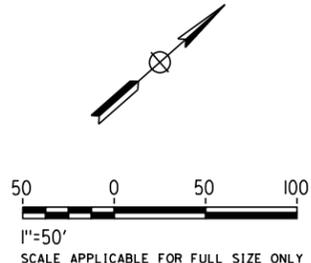
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



**NOT FOR CONSTRUCTION
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7/13/2021 11:45:51 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2L-CV-T1063.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - ALAMEDA AVE UNDERPASS

IMPACT PLAN

CONTRACT NO.
HSR14-39

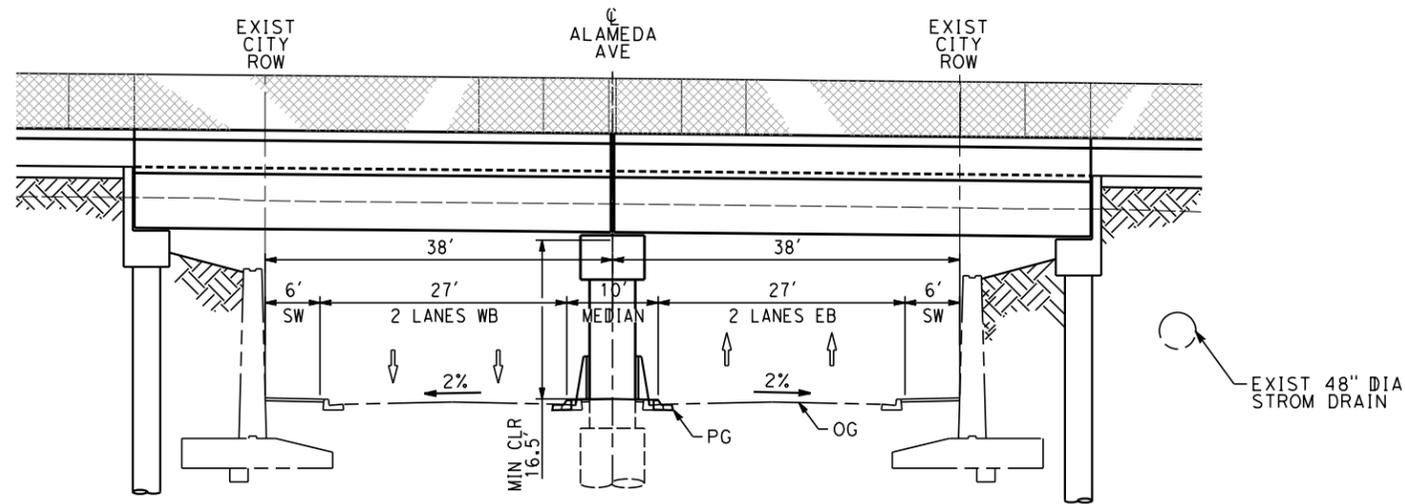
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CV-T1063

SCALE
AS SHOWN

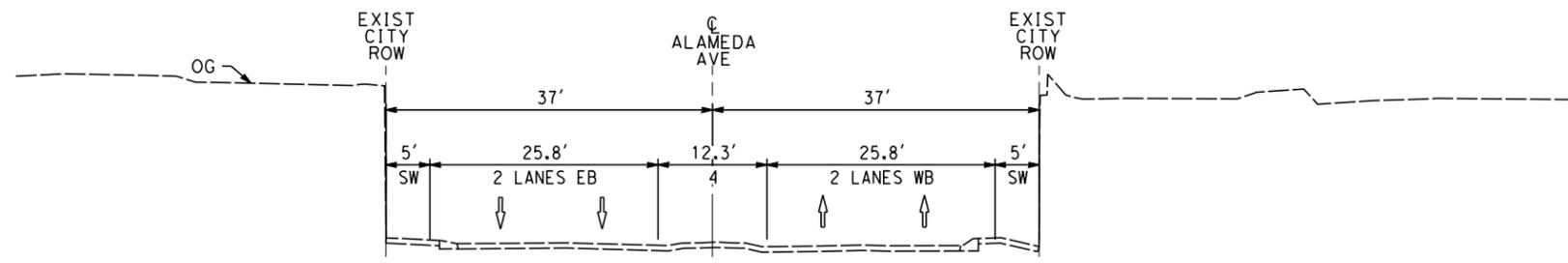
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



PROP CONDITION
STA 05+85
CV-T1063 NO SCALE (A)



EXIST CONDITION
STA 07+50
CV-T1063 NO SCALE (B)

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7/13/2021 11:46:14 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3061.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

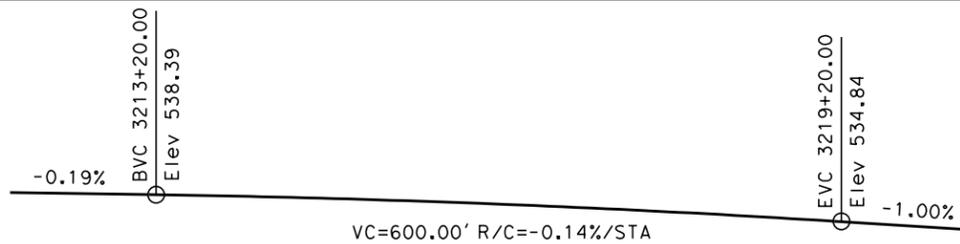
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - ALAMEDA AVE UNDERPASS
CROSS-SECTION

CONTRACT NO.
HSR14-39

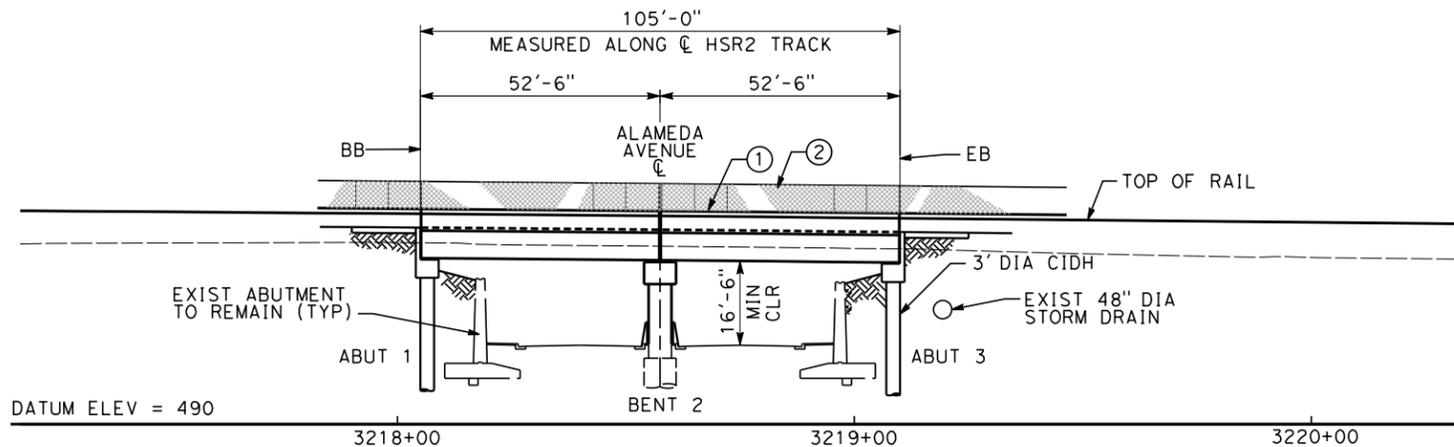
DRAWING NO.
CV-T3061

SCALE
AS SHOWN

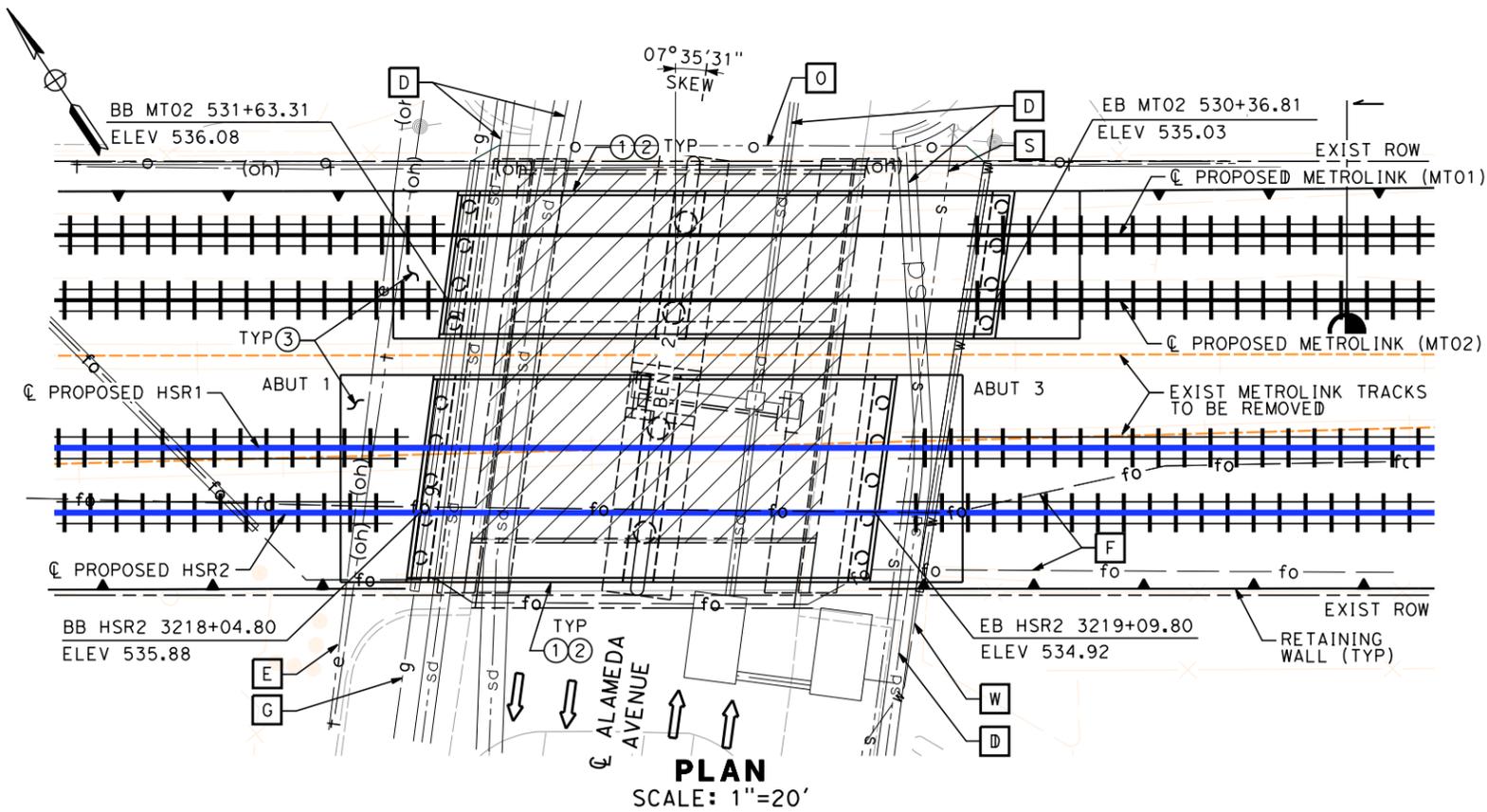
SHEET NO.



TOP OF RAIL PROFILE (HSR2)
NO SCALE



ELEVATION - HSR BRIDGE
SCALE: 1"=20'



PLAN
SCALE: 1"=20'

EXISTING UTILITIES

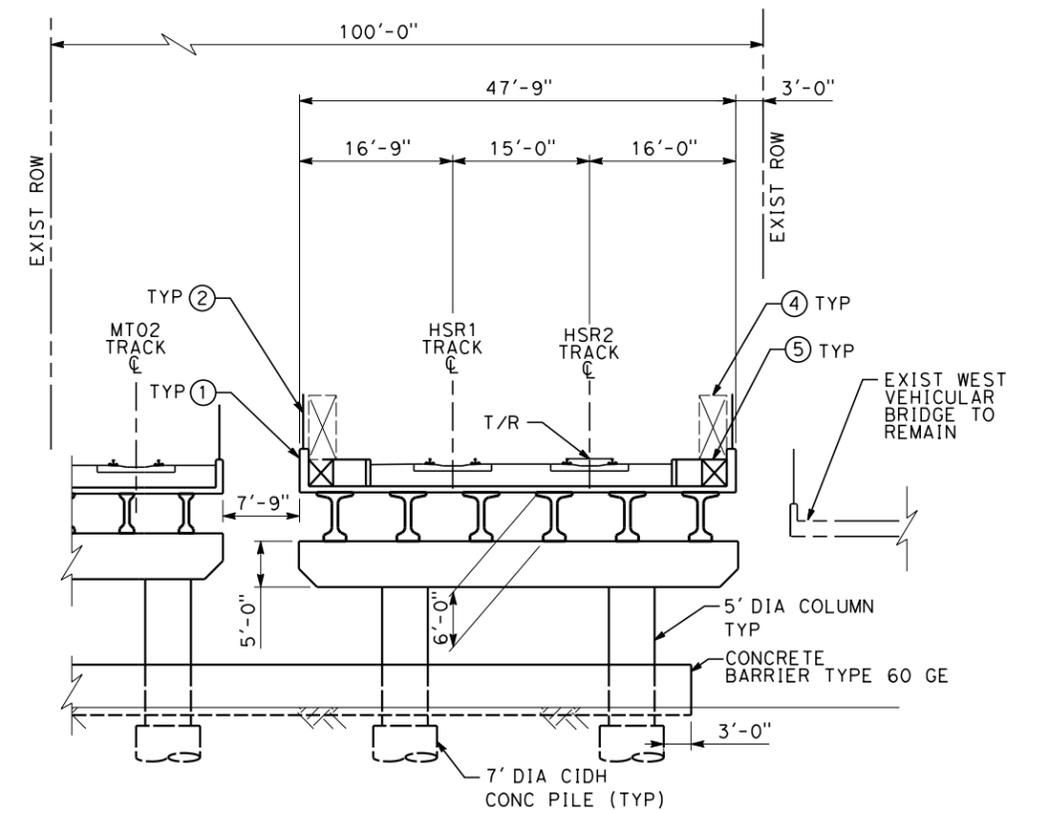
- E ELECTRIC CABLE (OH)
- F FIBER OPTIC
- G GAS
- O OIL
- S SEWER
- D STORM DRAIN
- W WATER

NOTES

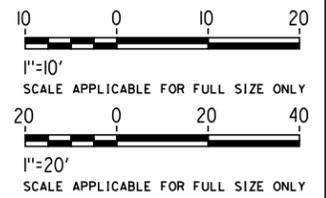
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)
- ⑤ CABLE DUCT

LEGEND

- ➔ INDICATES DIRECTION OF TRAFFIC
- |||| INDICATES METROLINK AND HST TRACKS
- ▨ INDICATES LIMITS OF BRIDGE REMOVAL



TYPICAL SECTION
SCALE: 1"=10'



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7/13/2021 11:46:58 AM c:\j\p\pwworkdir\jag_garyo\d0150141\K2L-ST-K1061.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL

PEPD

GRADE SEPARATION - ALAMEDA AVENUE UNDERPASS

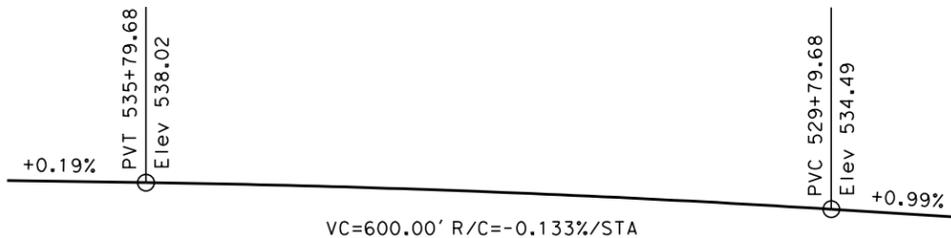
GENERAL PLAN SHEET 1 OF 2

CONTRACT NO.
HSR14-39

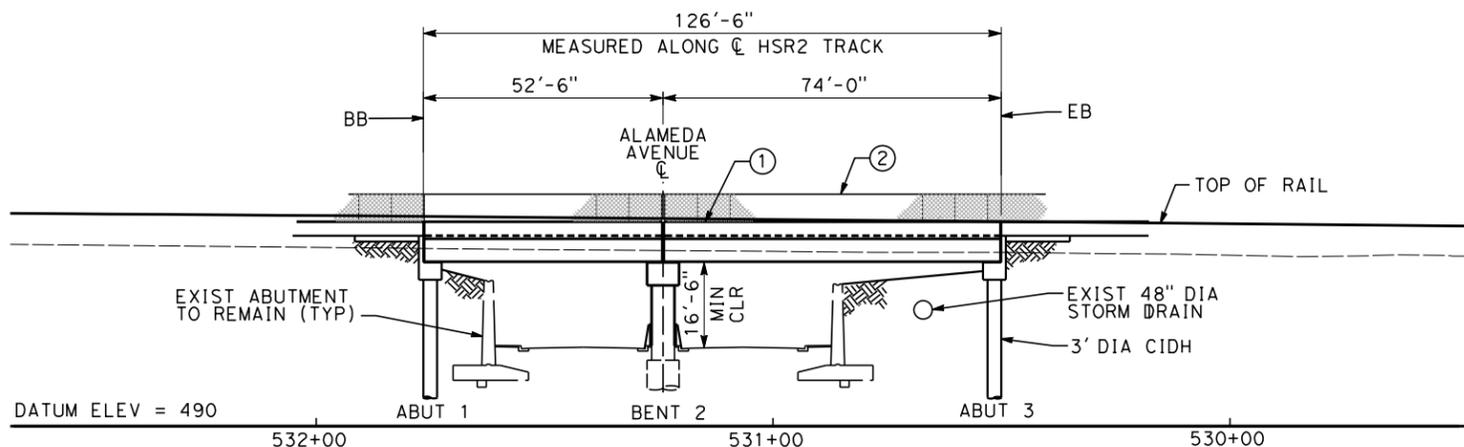
DRAWING NO.
ST-K1061

SCALE
AS SHOWN

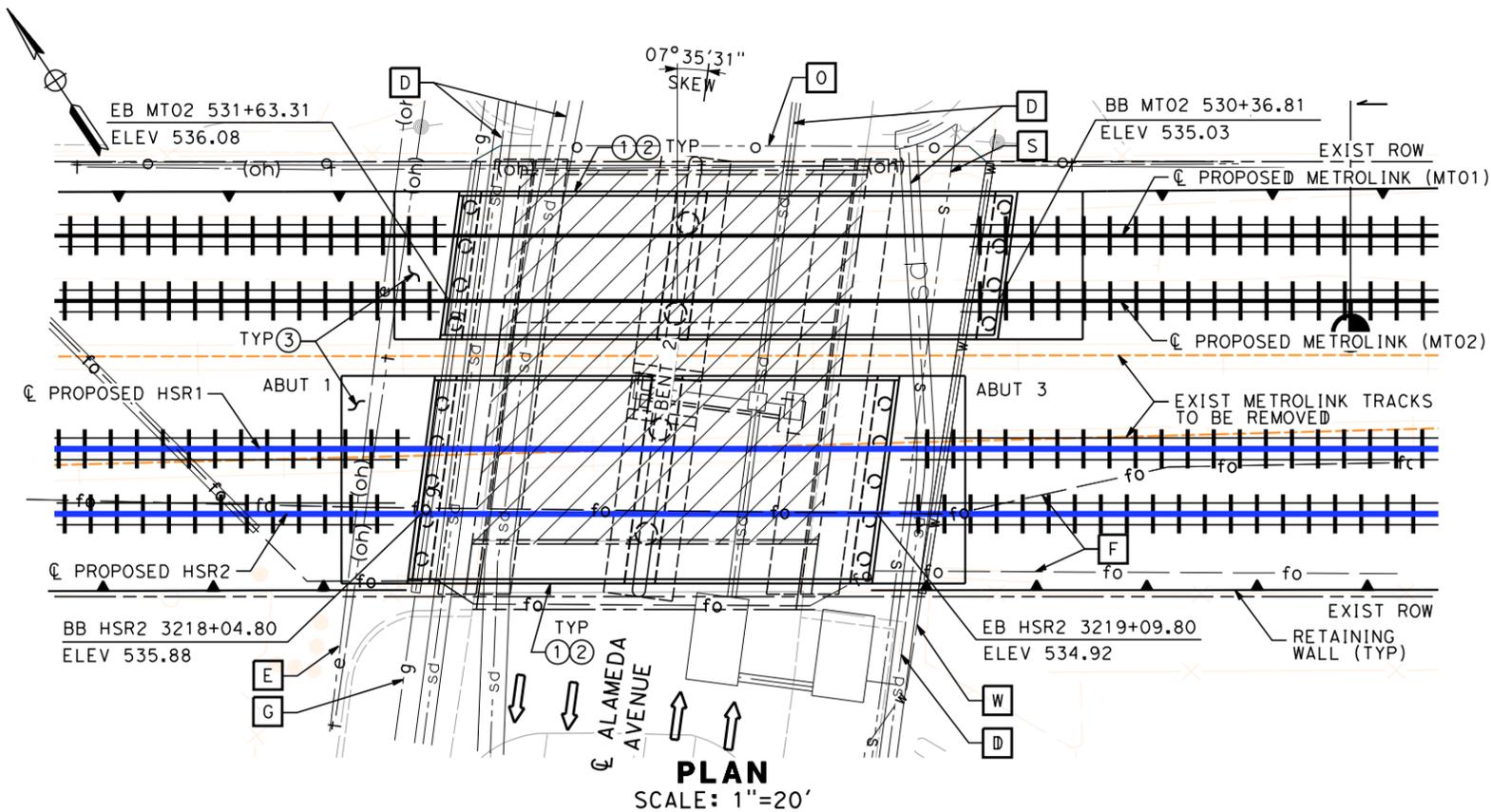
SHEET NO.



TOP OF RAIL PROFILE (MT02)
NO SCALE



ELEVATION - METROLINK BRIDGE
SCALE: 1"=20'



PLAN
SCALE: 1"=20'

EXISTING UTILITIES

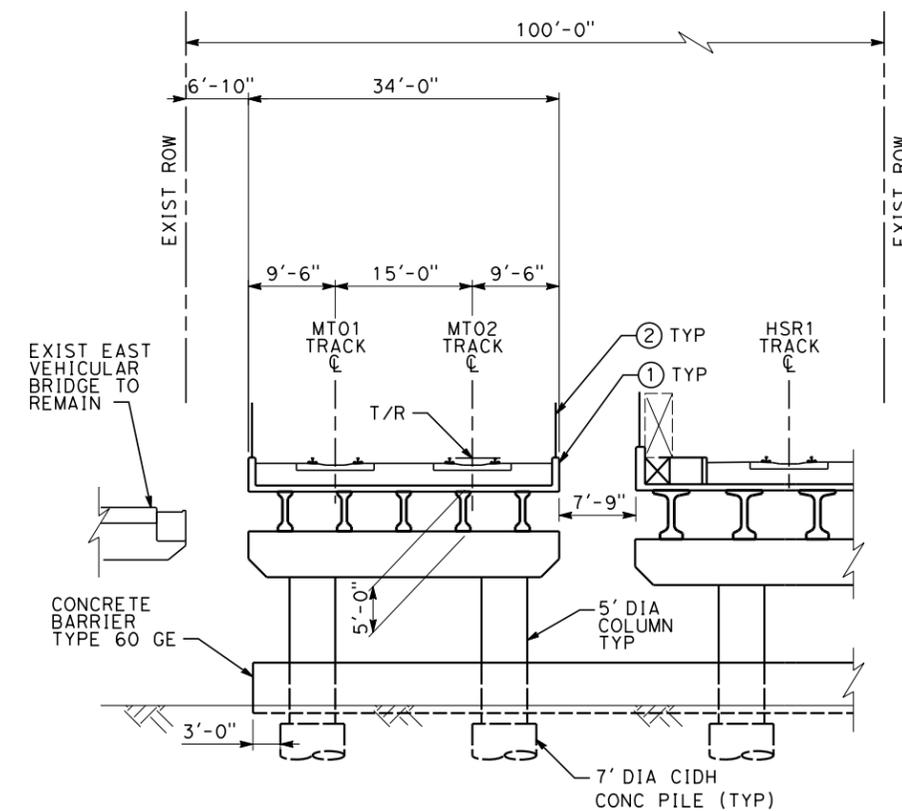
- E ELECTRIC CABLE (OH)
- F FIBER OPTIC
- G GAS
- O OIL
- S SEWER
- D STORM DRAIN
- W WATER

NOTES

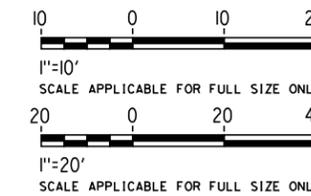
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB

LEGEND

- INDICATES DIRECTION OF TRAFFIC
- ▤▤▤▤ INDICATES METROLINK AND HST TRACKS
- ▨▨▨▨ INDICATES LIMITS OF BRIDGE REMOVAL



TYPICAL SECTION
SCALE: 1"=10'



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7/13/2021 11:47:42 AM c:\j\p\pwworkdir\jag_gary\d0150141\k2l-st-k1062.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HACHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

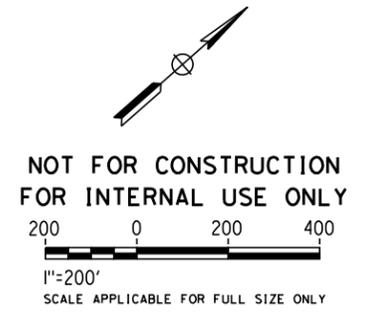
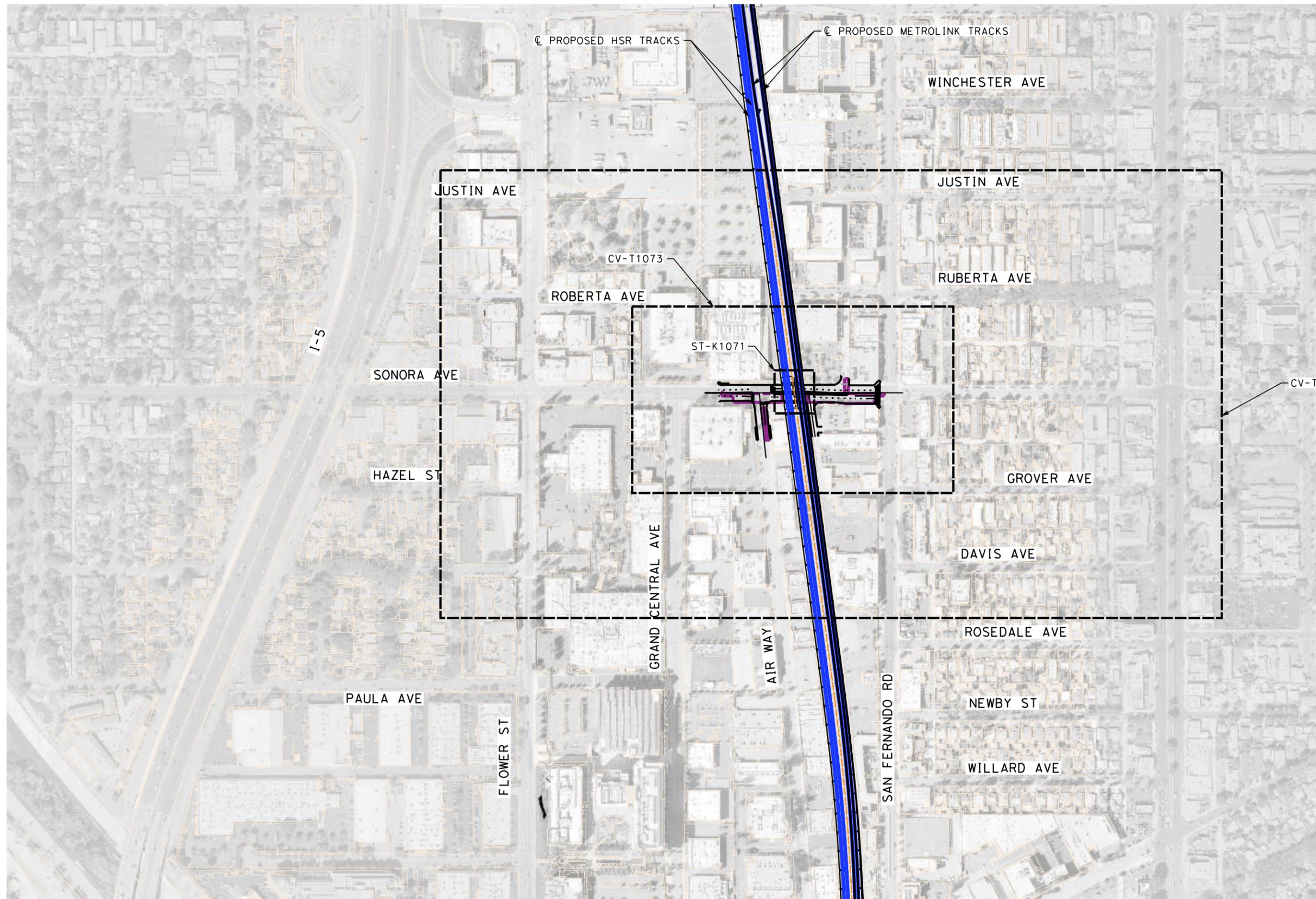
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - ALAMEDA AVENUE UNDERPASS
GENERAL PLAN SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1062
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:48:54 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0071.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - SONORA AVE UNDERPASS

ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0071

SCALE
AS SHOWN

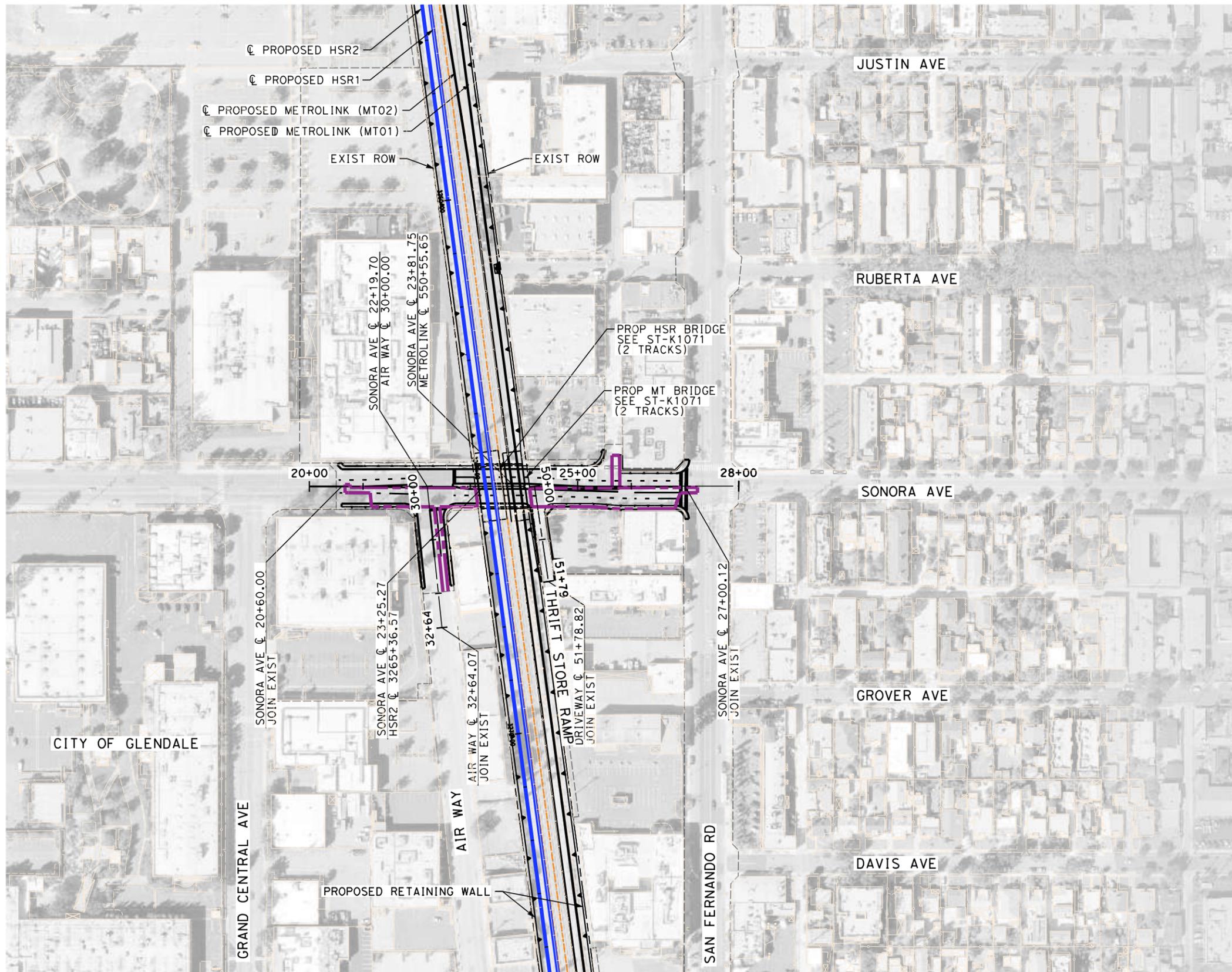
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

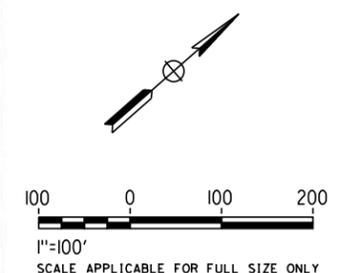
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2	S54°32'05"E	264.07'
3	S56°55'28"E	178.82'



LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



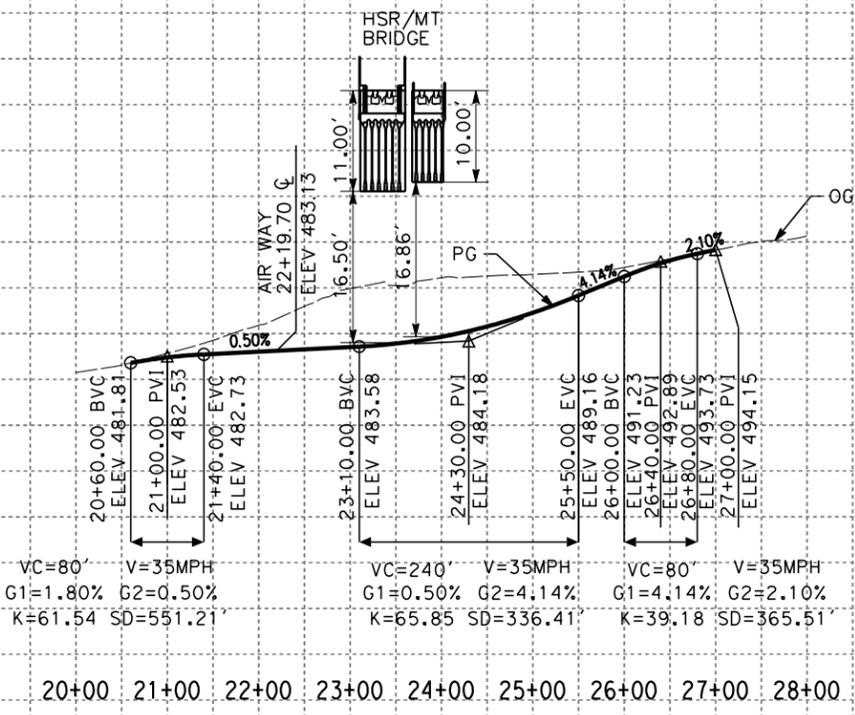
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - SONORA AVE UNDERPASS
PLAN

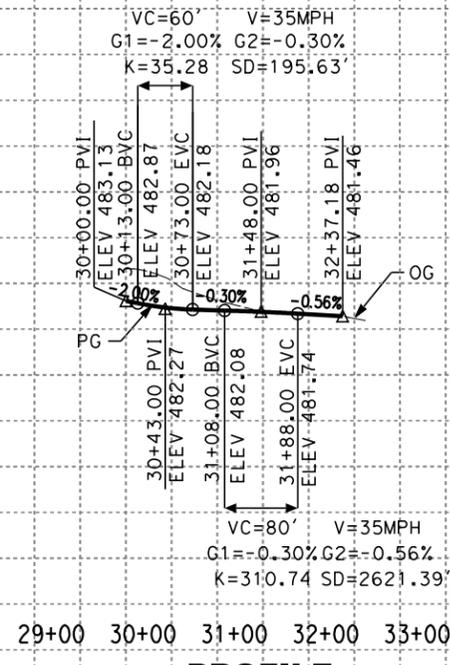
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1071
SCALE
AS SHOWN
SHEET NO.

NOTES:

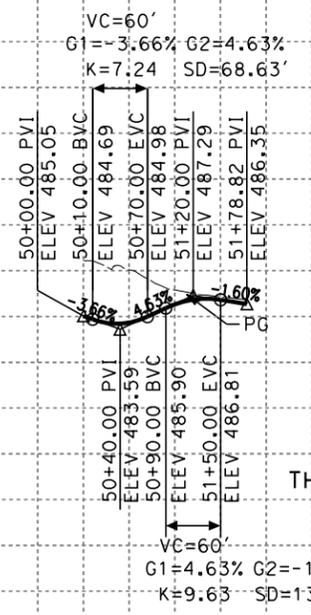
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



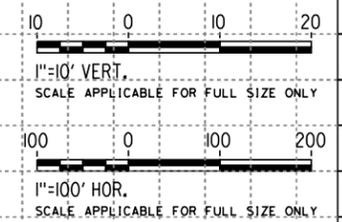
PROFILE
SONORA AVE UNDERPASS
POSTED SPEED=35MPH



PROFILE
AIR WAY
POSTED SPEED=25MPH



PROFILE
THRIFT STORE DRIVEWAY



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:51:22 AM c:\j\p\pwworkdir\jbg_gary\d0150139\k2L-CV-T1072.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY C. LEE
DRAWN BY A. CORTEZ
CHECKED BY R. YU
IN CHARGE C. LEE
DATE 07/15/2021

PEPD RECORD SET

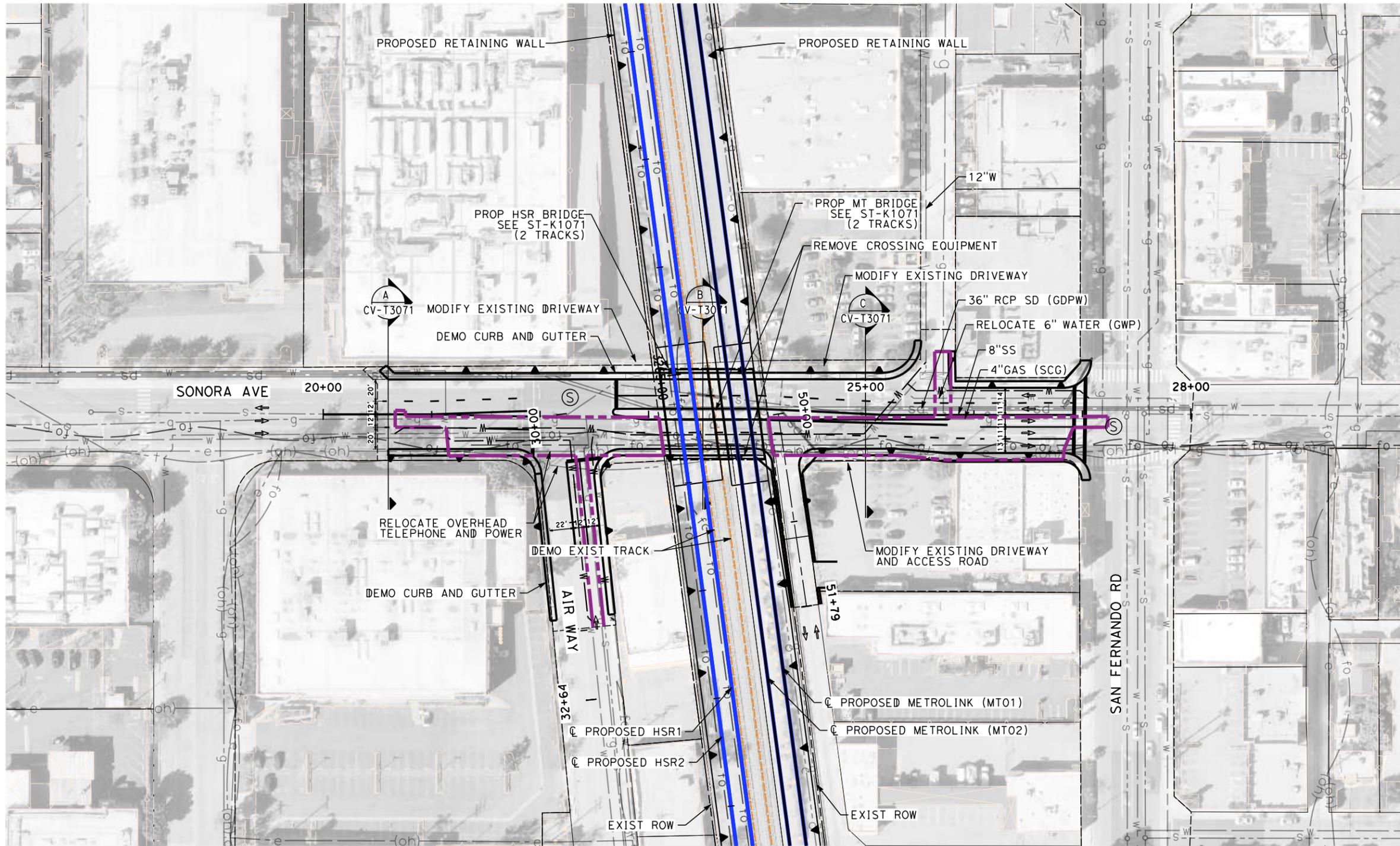
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

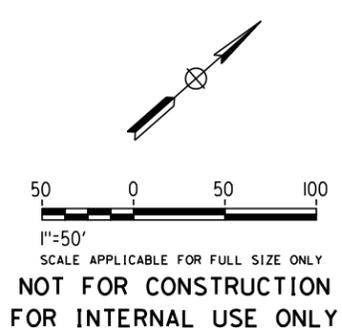
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - SONORA AVE UNDERPASS
PROFILE

CONTRACT NO. HSR14-39
DRAWING NO. CV-T1072
SCALE AS SHOWN
SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - ▲ RETAINING WALL
 - ▭ EXISTING DRIVEWAYS
 - ▨ IMPACTED AREAS



7/13/2021 11:52:55 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1073.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - SONORA AVE UNDERPASS

IMPACT PLAN

CONTRACT NO.
HSR14-39

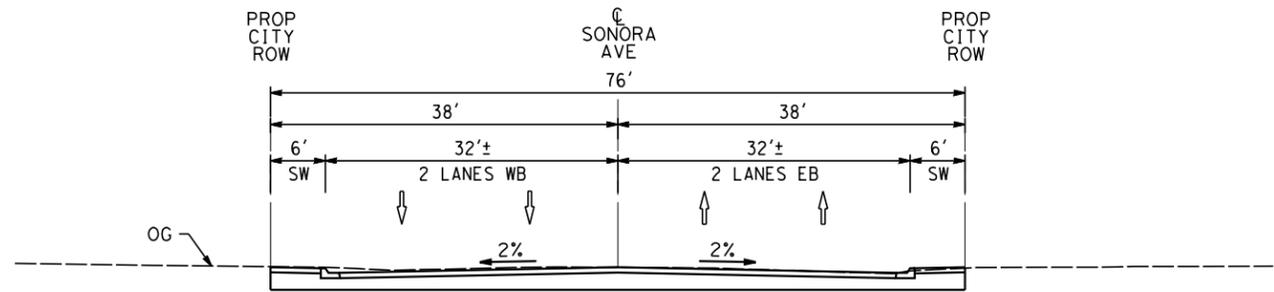
DRAWING NO.
CV-T1073

SCALE
AS SHOWN

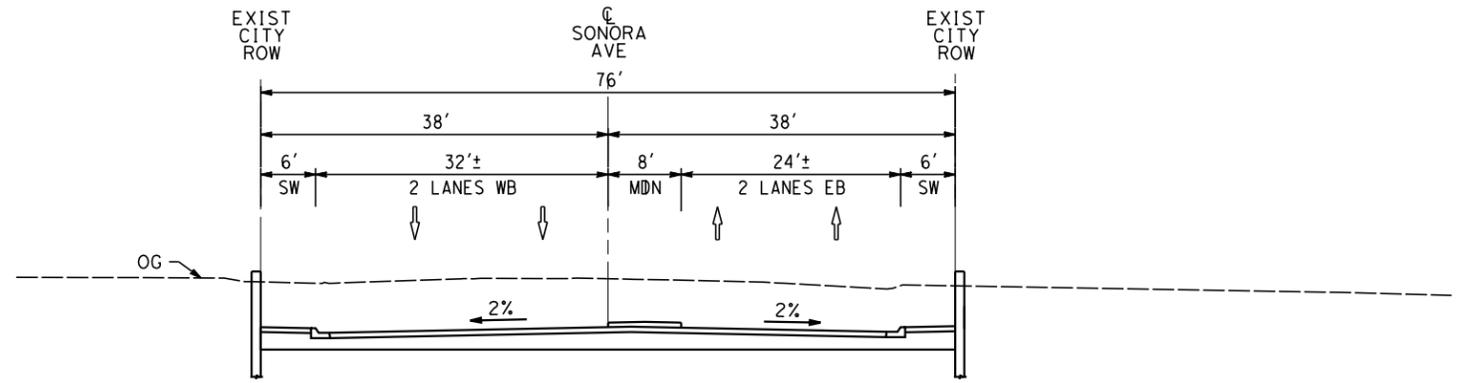
SHEET NO.

NOTES:

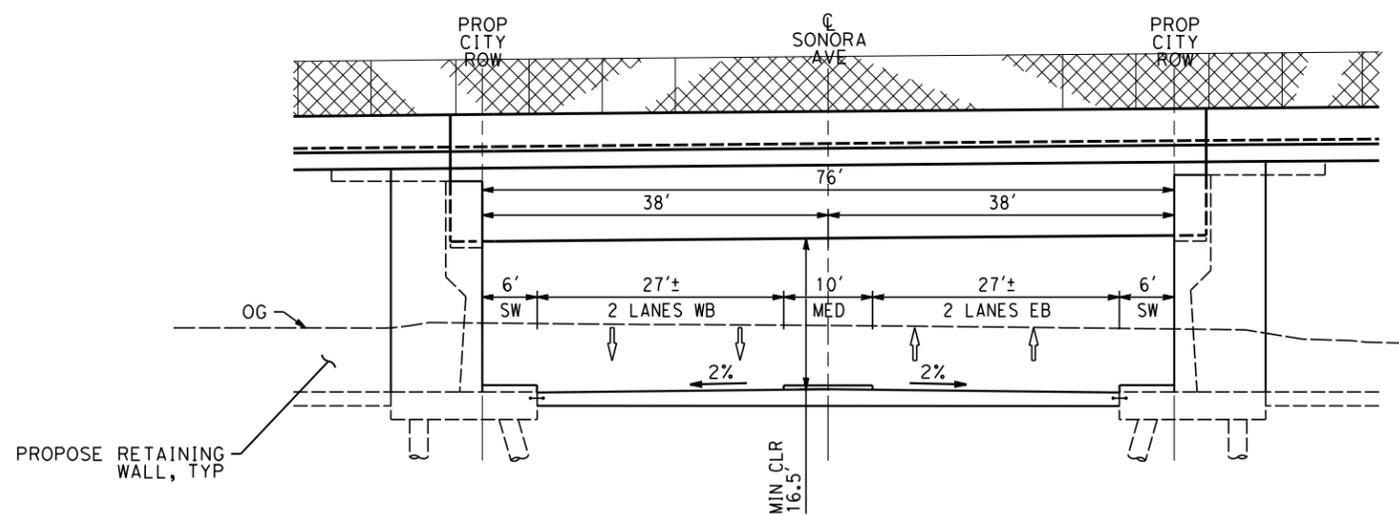
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



EXIST CONDITION
STA 20+60
CV-T1073 NO SCALE (A)



PROP CONDITION
STA 25+00
CV-T1073 NO SCALE (C)



PROP CONDITION
STA 23+50
CV-T1073 NO SCALE (B)

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FOR INTERNAL USE ONLY

7/13/2021 11:53:52 AM c:\jip\pwworkdir\jag_garyo\d0150139\k2l-cv-t3071.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

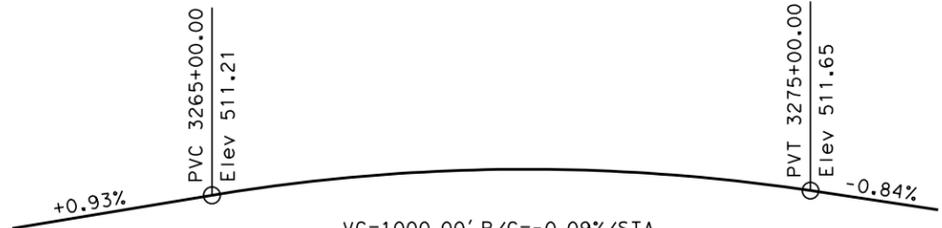
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NOT FOR CONSTRUCTION

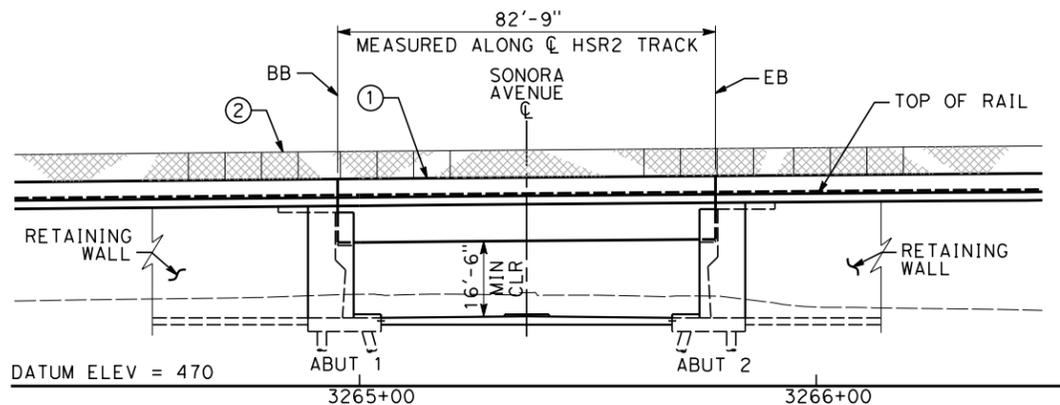


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - SONORA AVE UNDERPASS
CROSS-SECTION

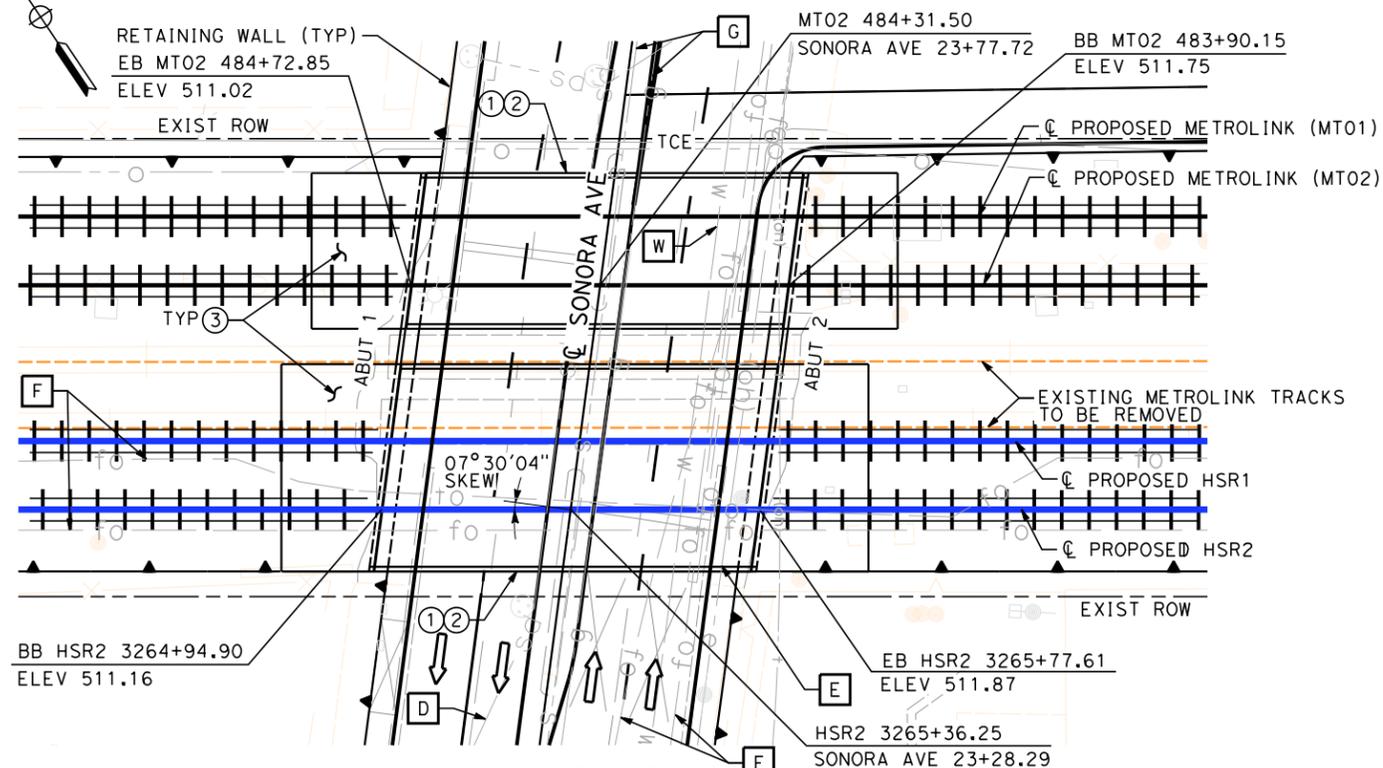
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T3071
SCALE
AS SHOWN
SHEET NO.



TOP OF RAIL PROFILE (HSR2)
NO SCALE



ELEVATION - HSR BRIDGE (METROLINK BRIDGE SIMILAR)
SCALE: 1"=20'



PLAN
SCALE: 1"=20'

EXISTING UTILITIES

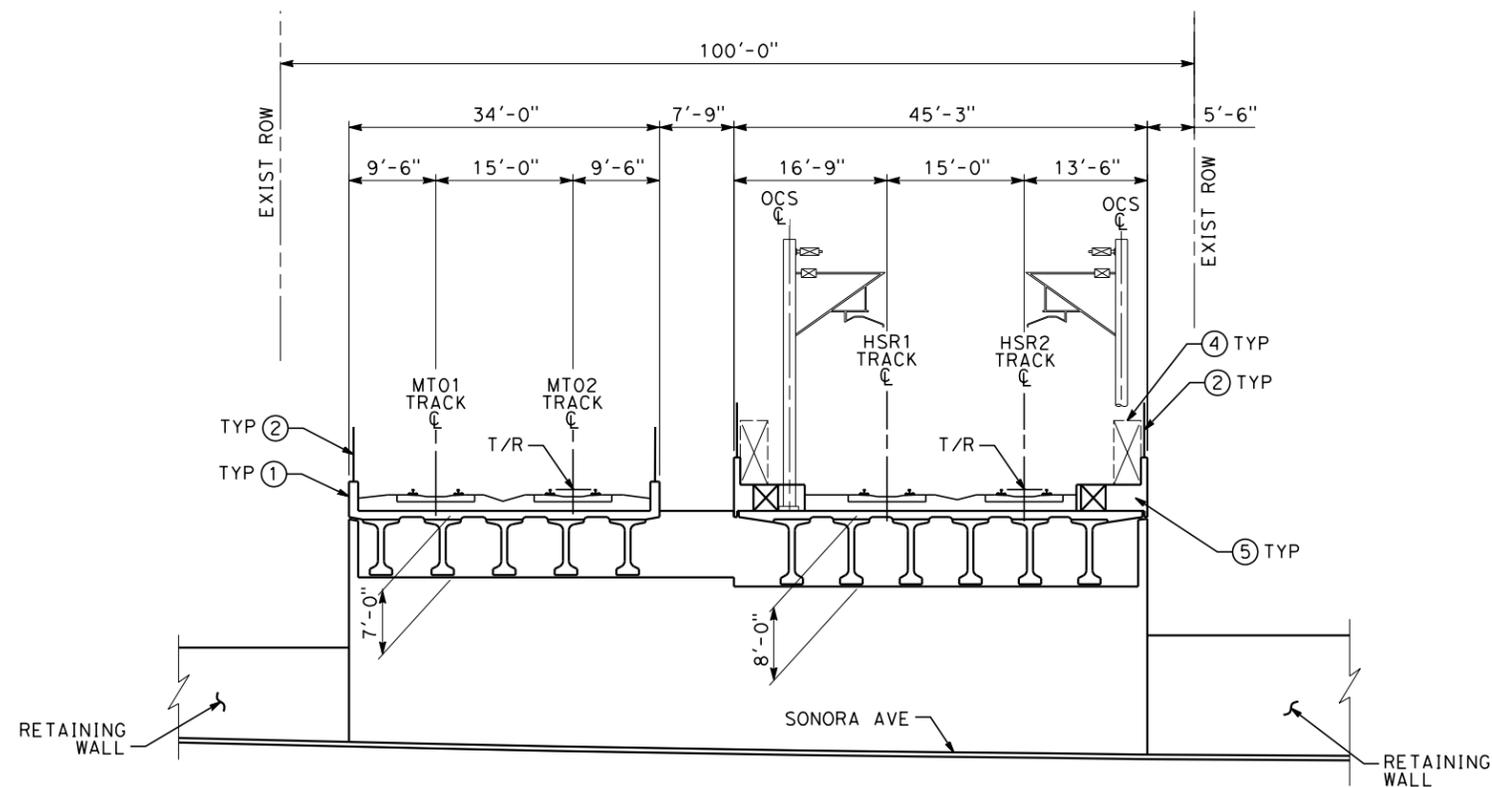
- E** ELECTRIC CABLE (OH)
- F** FIBER OPTIC
- G** GAS
- S** SEWER
- D** STORM DRAIN
- W** WATER

NOTES

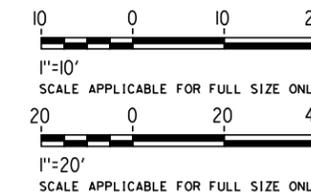
- ① CONCRETE BARRIER
- ② CHAIN LINK RAILING (TYPE 7 MODIFIED)
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)
- ⑤ CABLE DUCT

LEGEND

- INDICATES DIRECTION OF TRAFFIC
- INDICATES METROLINK AND HST TRACKS



TYPICAL SECTION - ABUTMENT 2
SCALE: 1"=10'



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7/13/2021 11:54:36 AM c:\j\p\pwworkdir\jag_gary\d0150141\k2l-st-k1071.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - SONORA AVE UNDERPASS
GENERAL PLAN SHEET 1 OF 1

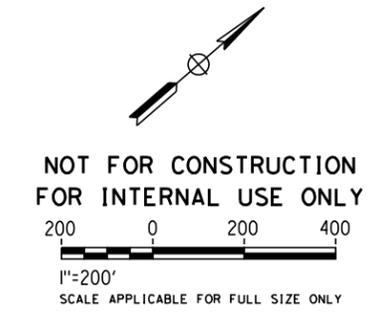
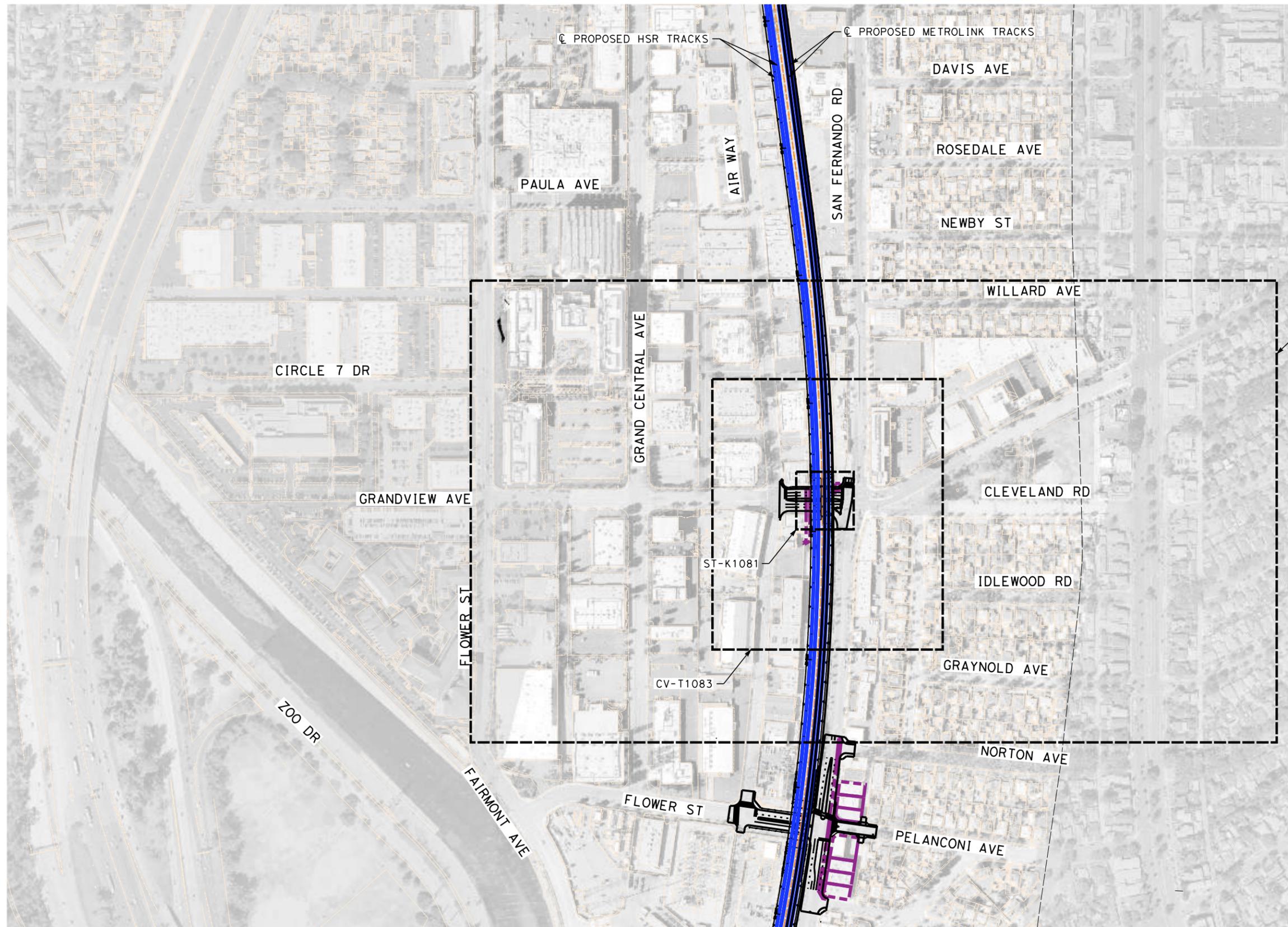
CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1071

SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:55:58 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2l-cv-T0081.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GRANDVIEW AVE UNDERPASS

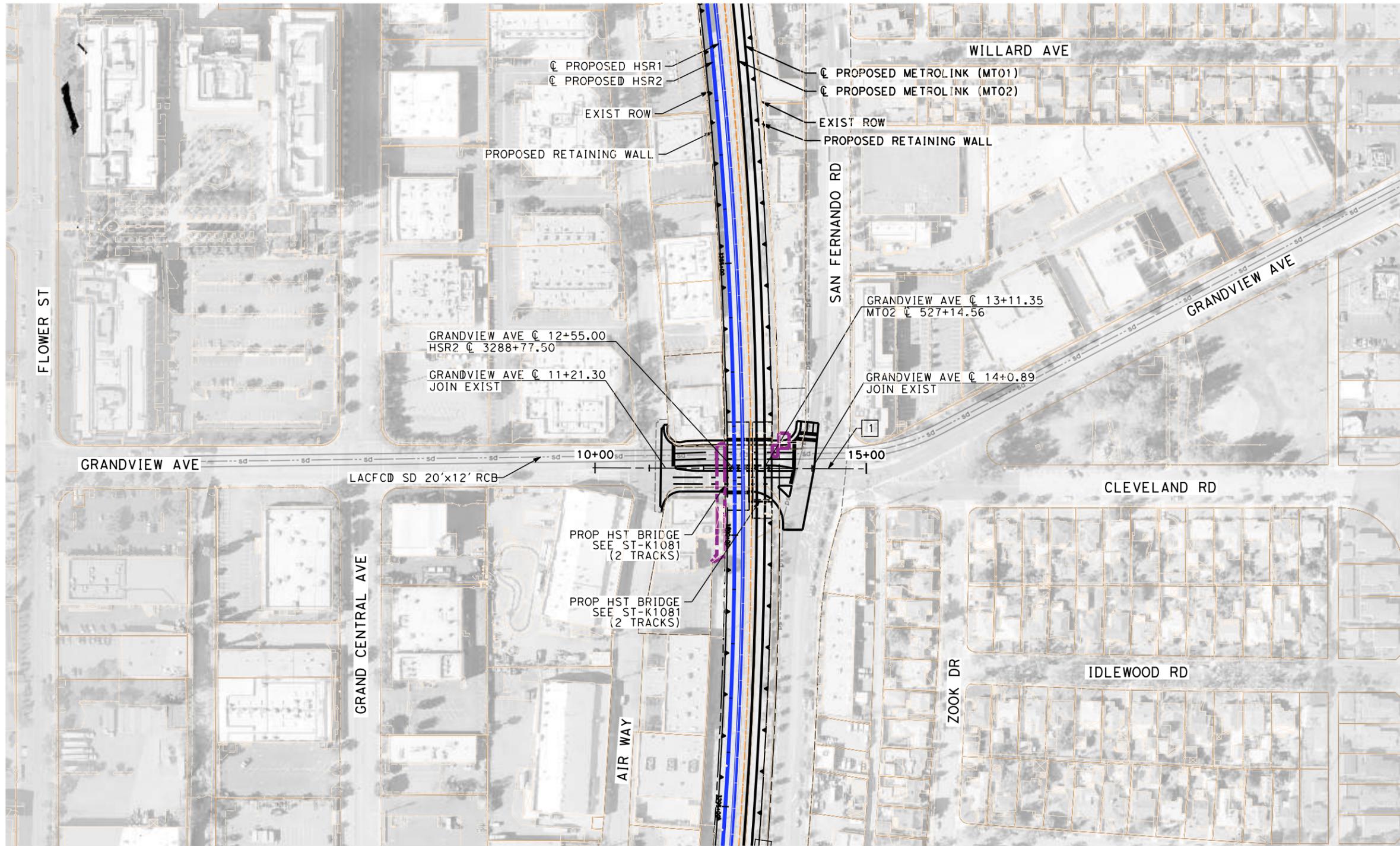
ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0081

SCALE
AS SHOWN

SHEET NO.

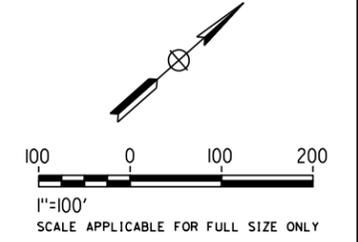


- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

NO	BEARING	DISTANCE
1	N41°30'03"E	500.00'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 11:57:47 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2l-cv-T1081.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

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CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GRANDVIEW AVE UNDERPASS

PLAN

CONTRACT NO.
HSR14-39

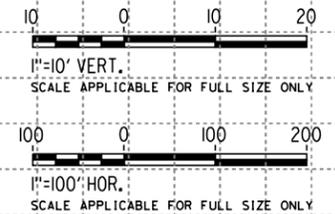
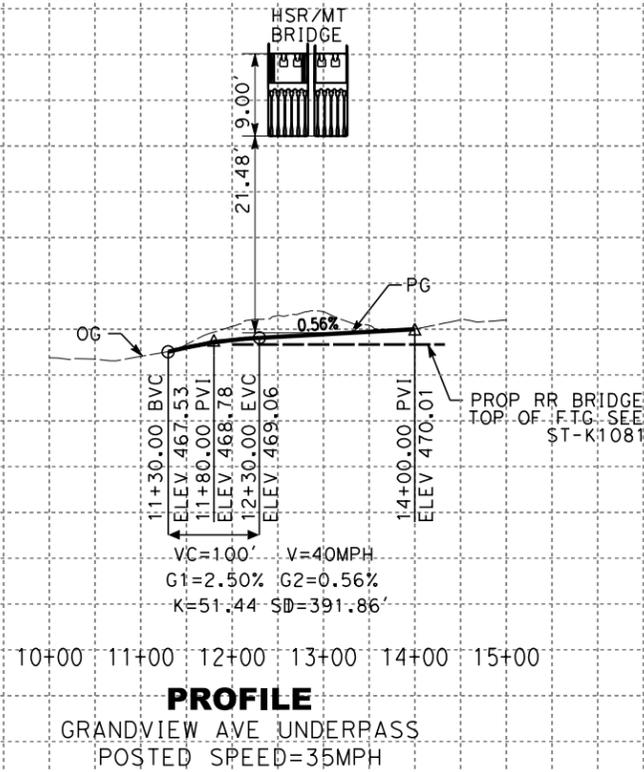
DRAWING NO.
CV-T1081

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
 DRAWN BY
A. CORTEZ
 CHECKED BY
R. YU
 IN CHARGE
C. LEE
 DATE
07/15/2021

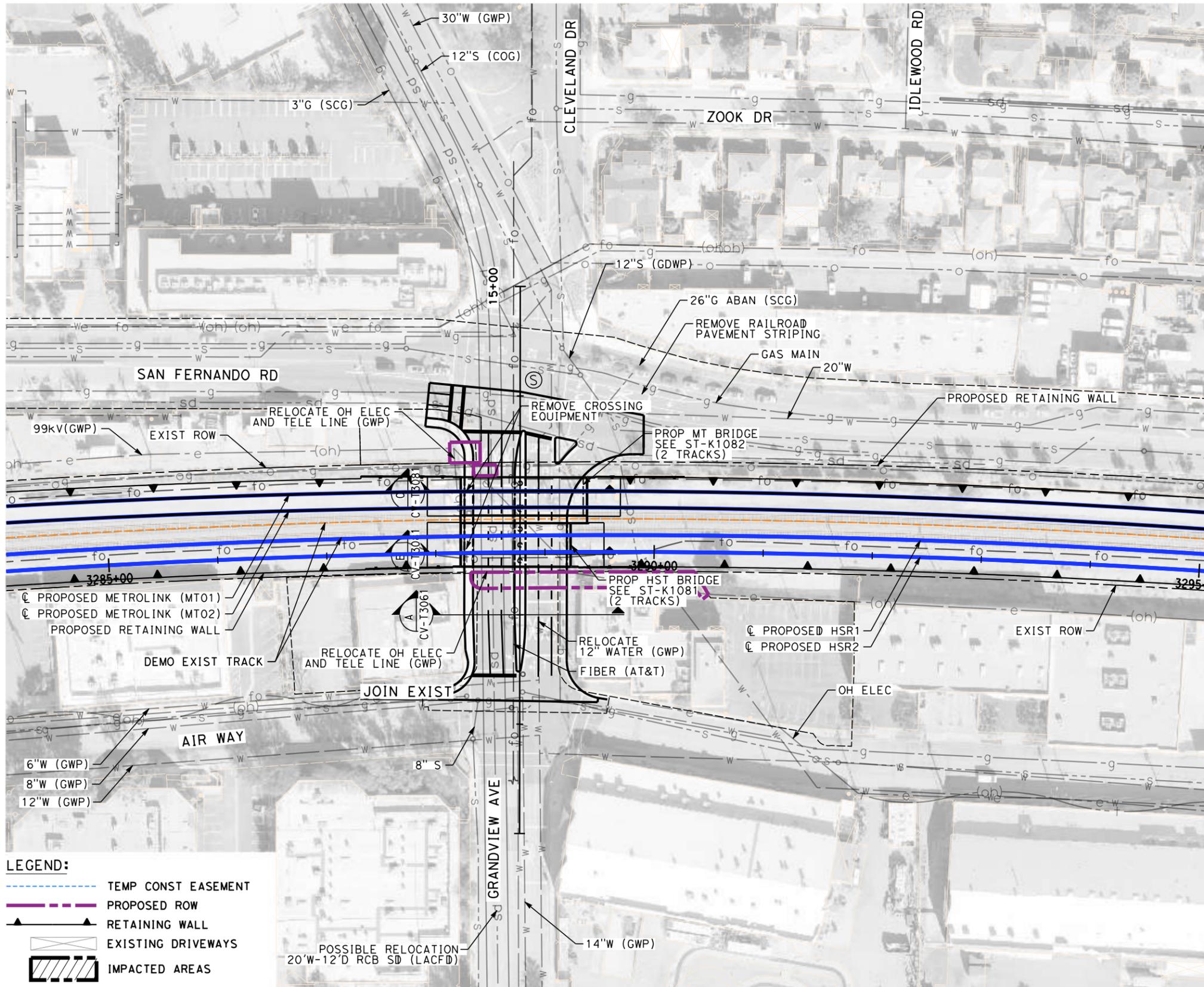
**PEPD
 RECORD SET**

**NOT FOR
 CONSTRUCTION**



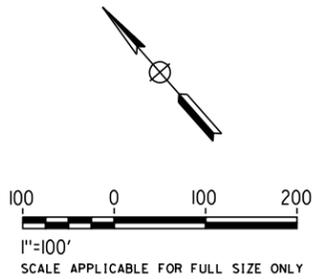
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
 OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
 PEPD
 GRADE SEPARATION - GRANDVIEW AVE UNDERPASS
 PROFILE

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-T1082
 SCALE
 AS SHOWN
 SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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7/13/2021 12:00:05 PM c:\j\p\pwworkdir\jag_garyo\d0150139\k2l-cv-T1083.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GRANDVIEW AVE UNDERPASS

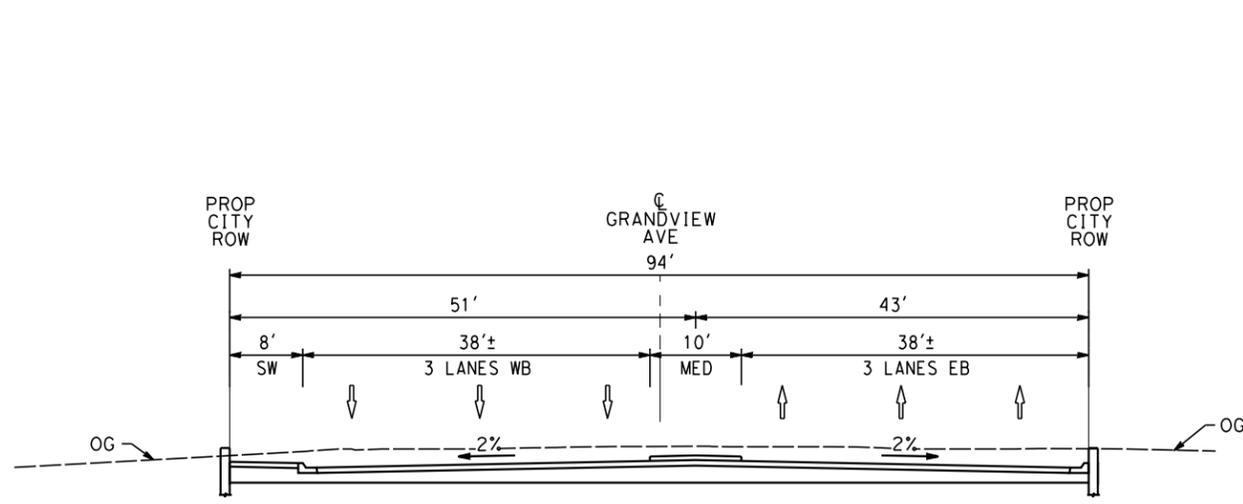
IMPACT PLAN

CONTRACT NO.
HSR14-39

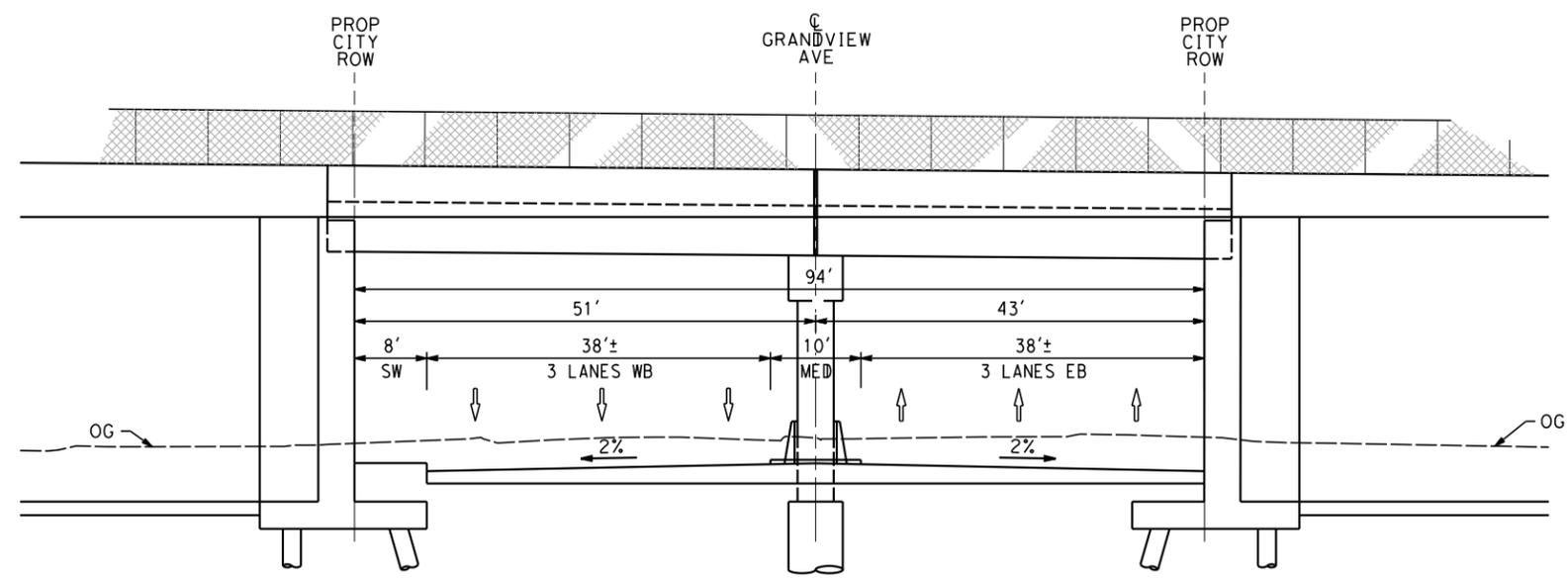
DRAWING NO.
CV-T1083

SCALE
AS SHOWN

SHEET NO.



PROP CONDITION
STA 12+00
CV-T1063 NO SCALE



PROP CONDITION
STA 13+11.35
CV-T1063 NO SCALE



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

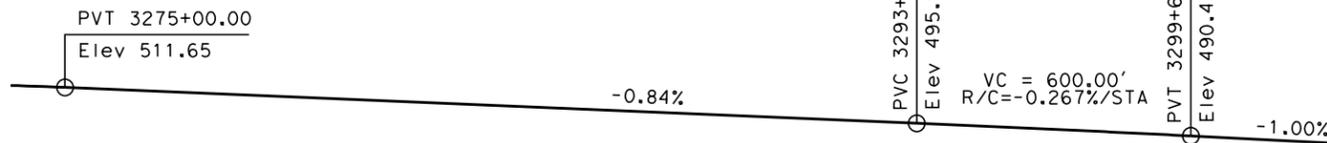
**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

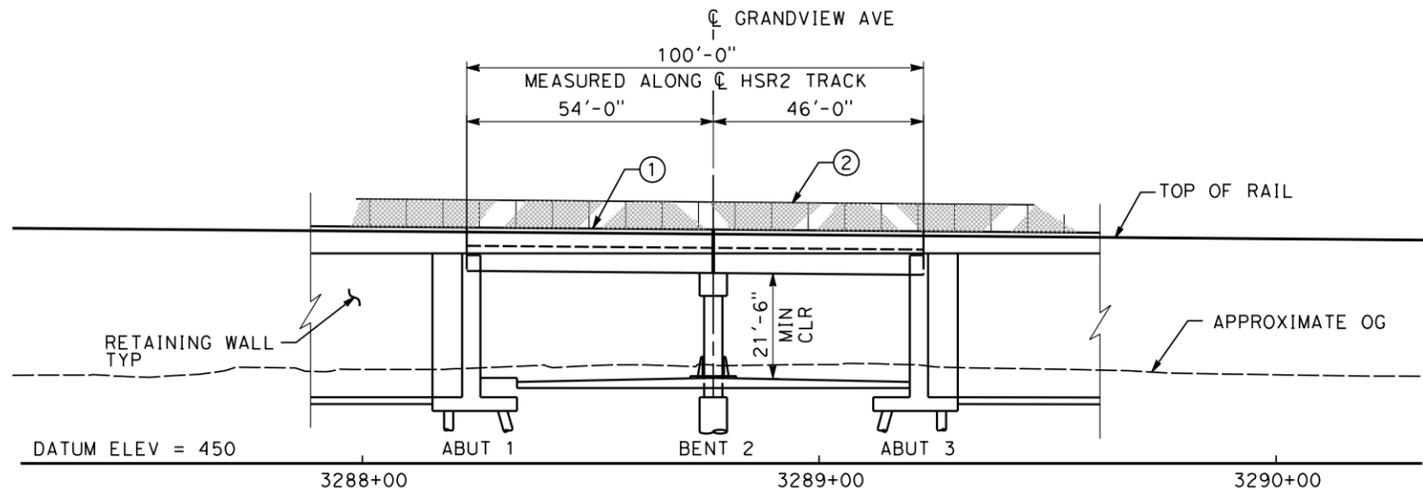


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - GRANDVIEW AVE UNDERPASS
CROSS SECTION

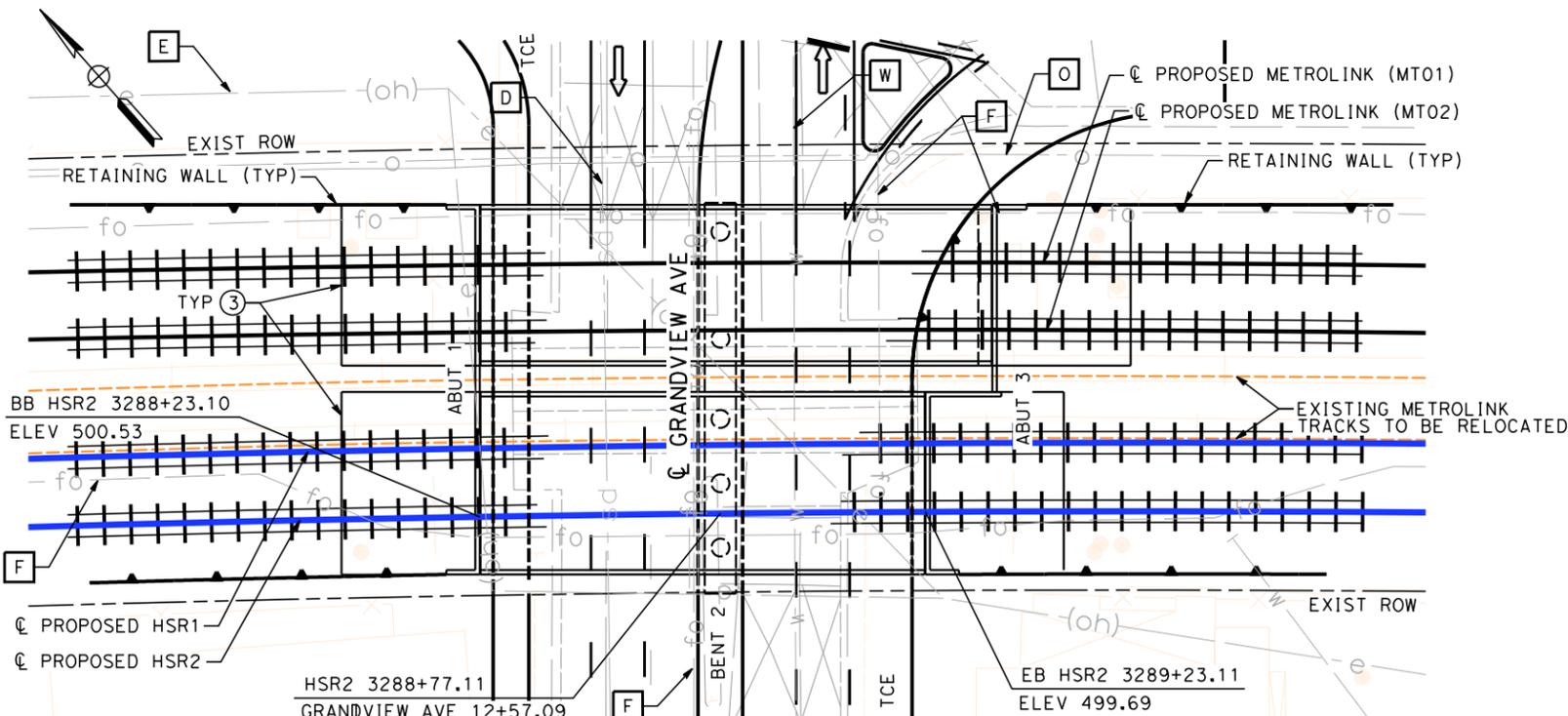
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T3081
SCALE
SCALE
SHEET NO.



TOP OF RAIL PROFILE (HSR2)
NO SCALE



ELEVATION - HSR BRIDGE
SCALE: 1"=20'



PLAN
SCALE: 1"=20'

EXISTING UTILITIES

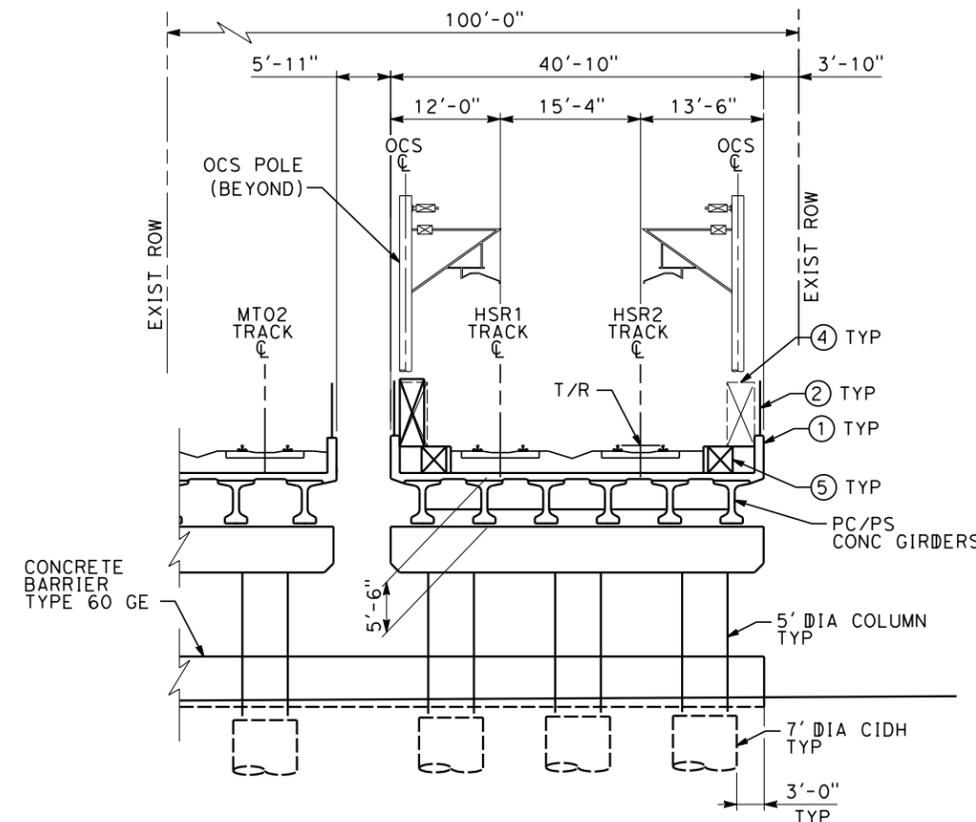
- E** ELECTRIC CABLE (OH)
- F** FIBER OPTIC
- O** OIL
- D** STORM DRAIN
- W** WATER

NOTES

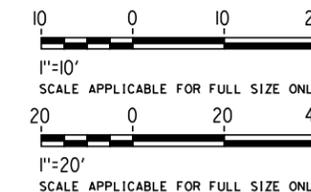
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)
- ⑤ CABLE DUCT

LEGEND

- INDICATES DIRECTION OF TRAFFIC
- INDICATES METROLINK AND HST TRACKS



TYPICAL SECTION - HSR
SCALE: 1"=10'



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

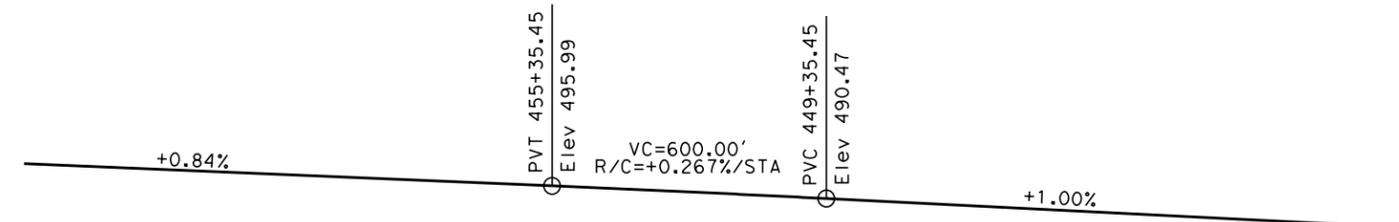
PEPD RECORD SET

NOT FOR CONSTRUCTION

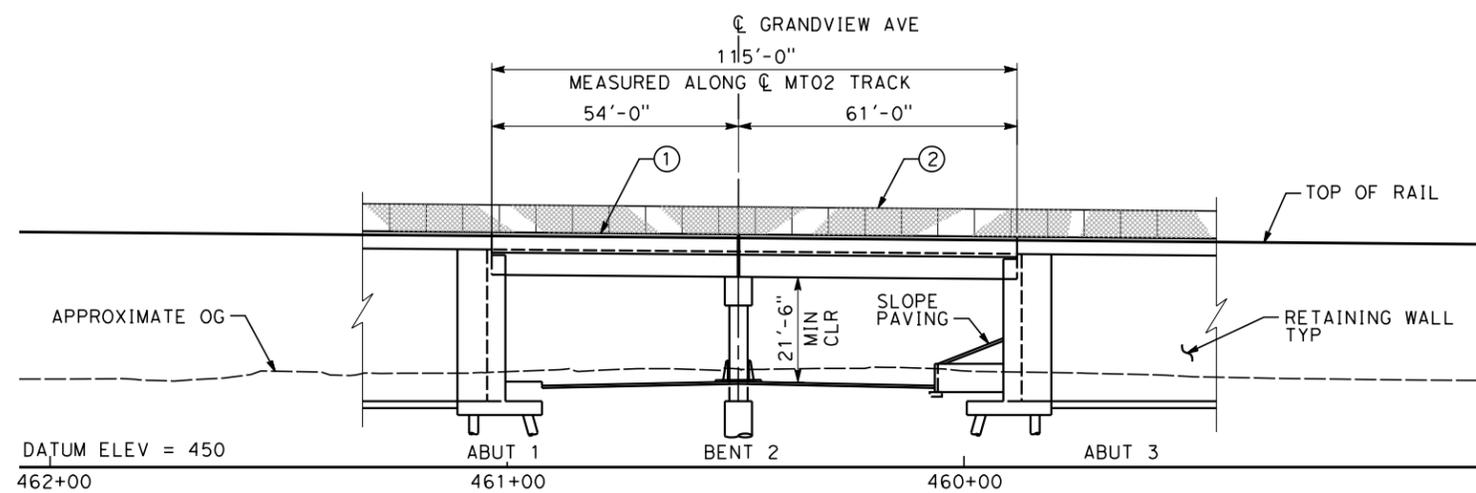


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - GRANDVIEW AVE UNDERPASS
GENERAL PLAN - SHEET 1 OF 2

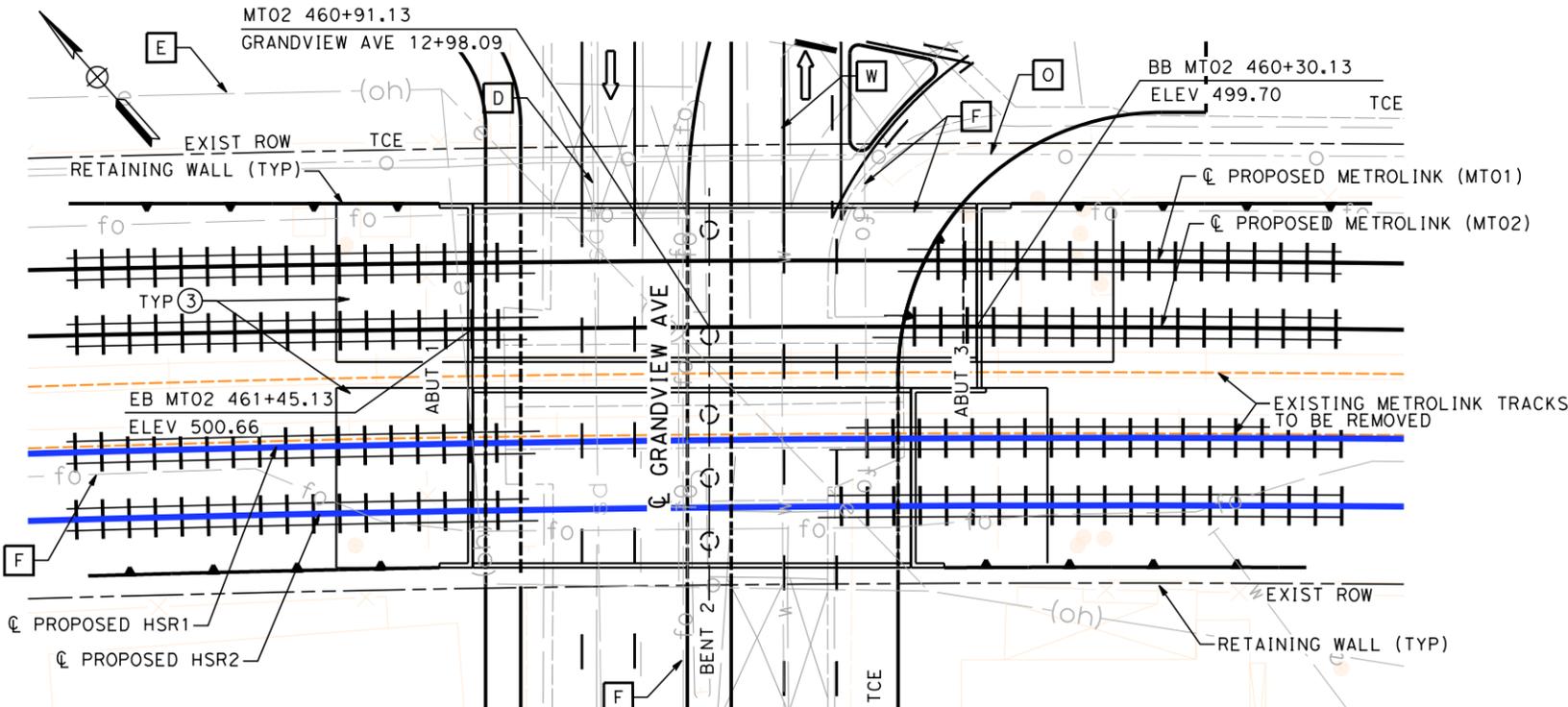
CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1081
SCALE
AS SHOWN
SHEET NO.



TOP OF RAIL PROFILE (MT02)
NO SCALE



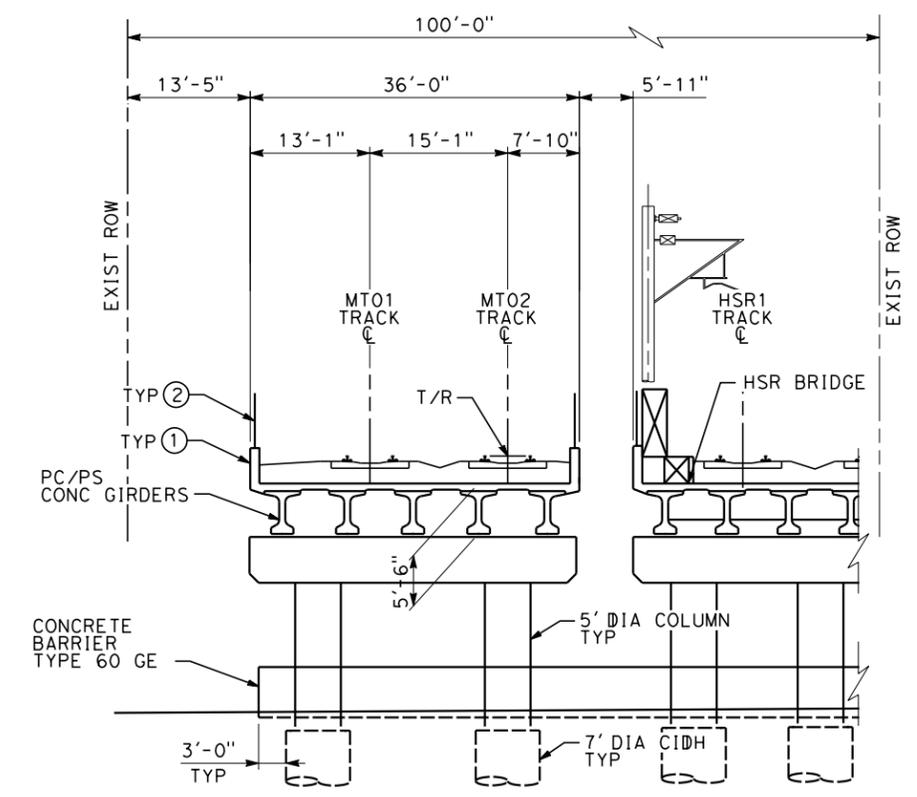
MIRROR ELEVATION - METROLINK BRIDGE
SCALE: 1"=20'



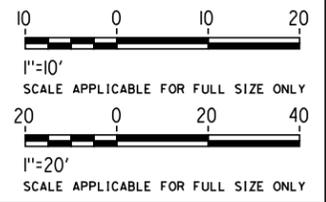
PLAN
SCALE: 1"=20'

- EXISTING UTILITIES**
- E** ELECTRIC CABLE (OH)
 - F** FIBER OPTIC
 - O** OIL
 - D** STORM DRAIN
 - W** WATER

- NOTES**
- ① BARRIER
 - ② CHAIN LINK RAILING
 - ③ STRUCTURE APPROACH SLAB
- LEGEND**
- ➔ INDICATES DIRECTION OF TRAFFIC
 - ||||| INDICATES METROLINK AND HST TRACKS



TYPICAL SECTION - METROLINK
SCALE: 1"=10'



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - GRANDVIEW AVE UNDERPASS
GENERAL PLAN - SHEET 2 OF 2

CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1082

SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:03:00 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0091.dgn



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

200 0 200 400
1"=200'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

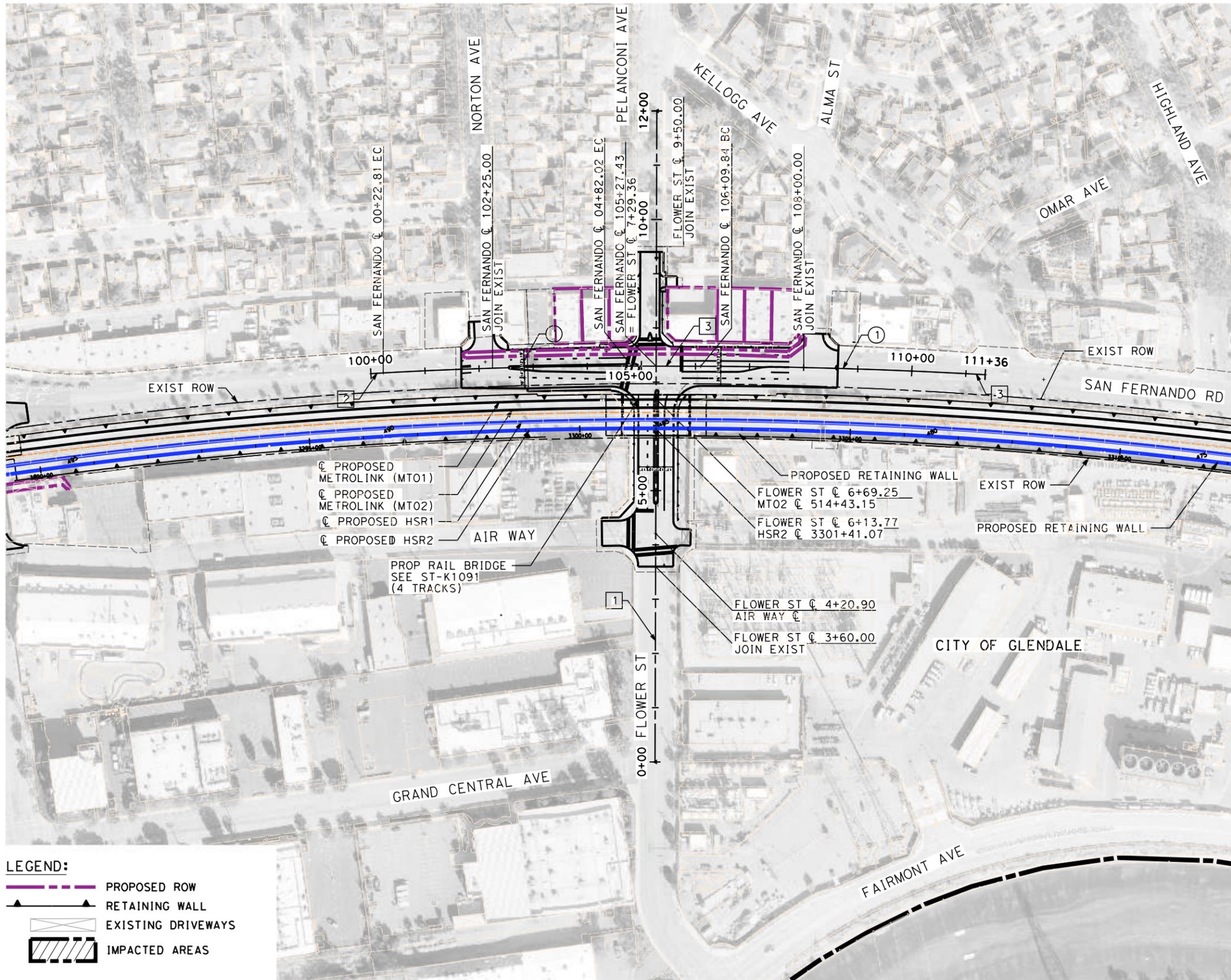
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - FLOWER AVE UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0091

SCALE
AS SHOWN

SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

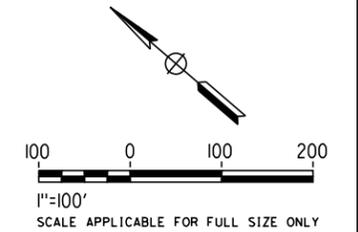
LINE DATA

NO	BEARING	DISTANCE
1	N49°32'48"E	1200.00'
2	S43°48'20"E	22.81
3	S40°31'00"E	127.82

CURVE DATA

NO	R	Δ	T	L
①	8000.00'	03°17'20"	229.67'	459.21'
②	9540.46'	03°09'31"	263.04'	525.95'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:04:40 AM c:\j\p\pwworkdir\jag_gary\d0150139\K2L-CV-T1091.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD
GRADE SEPARATION - FLOWER ST UNDERPASS
PLAN

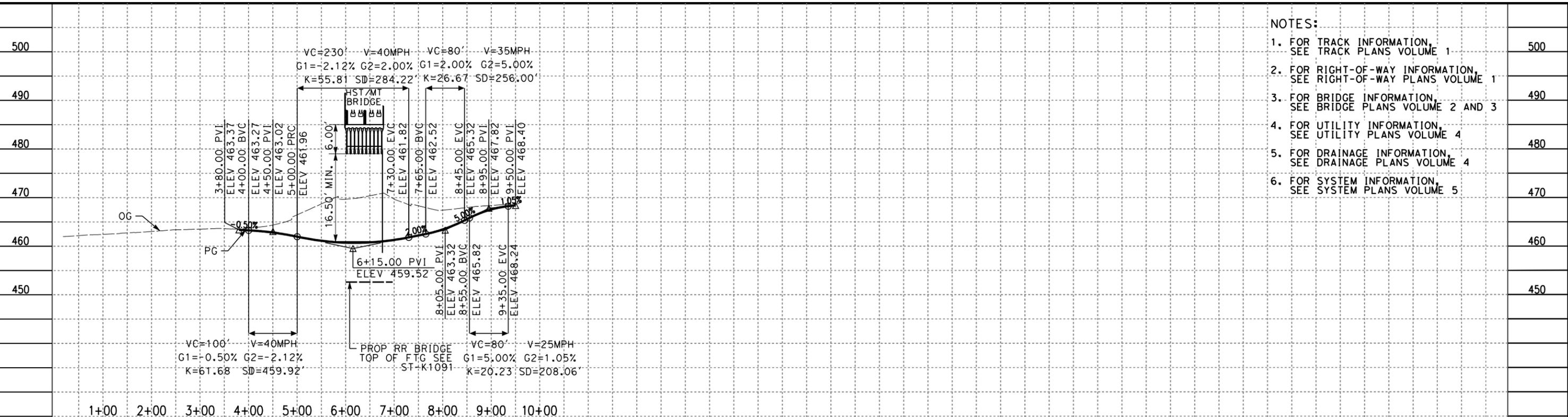
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1091

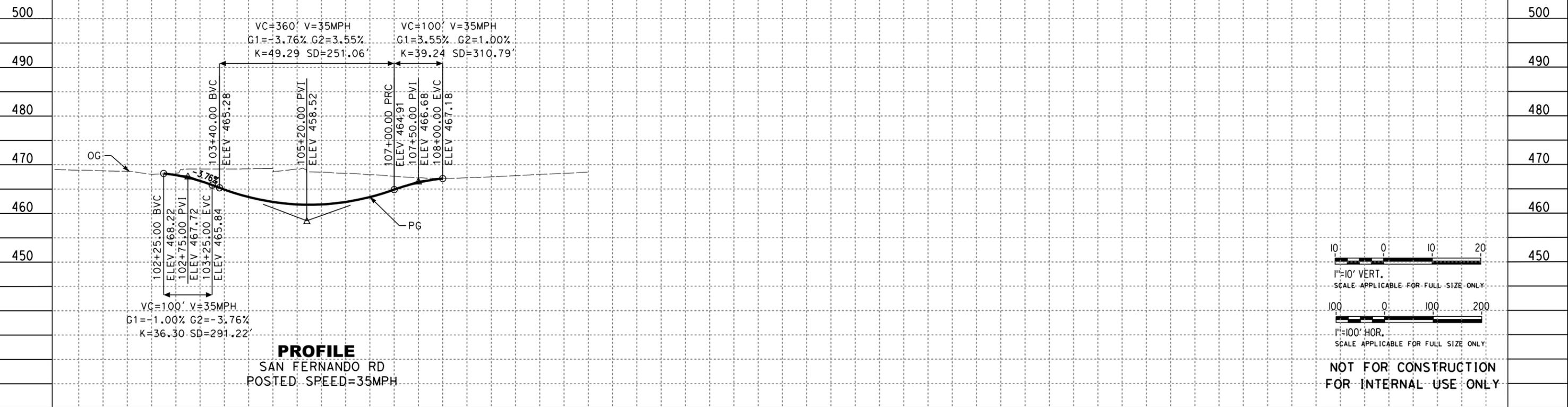
SCALE
AS SHOWN

SHEET NO.

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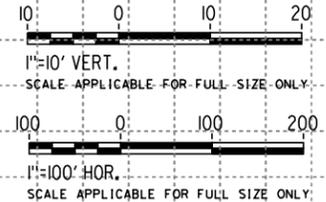


PROFILE
FLOWER ST
POSTED SPEED=35MPH



PROFILE
SAN FERNANDO RD
POSTED SPEED=35MPH

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD
GRADE SEPARATION - FLOWER ST UNDERPASS

PROFILE

CONTRACT NO.
HSR14-39

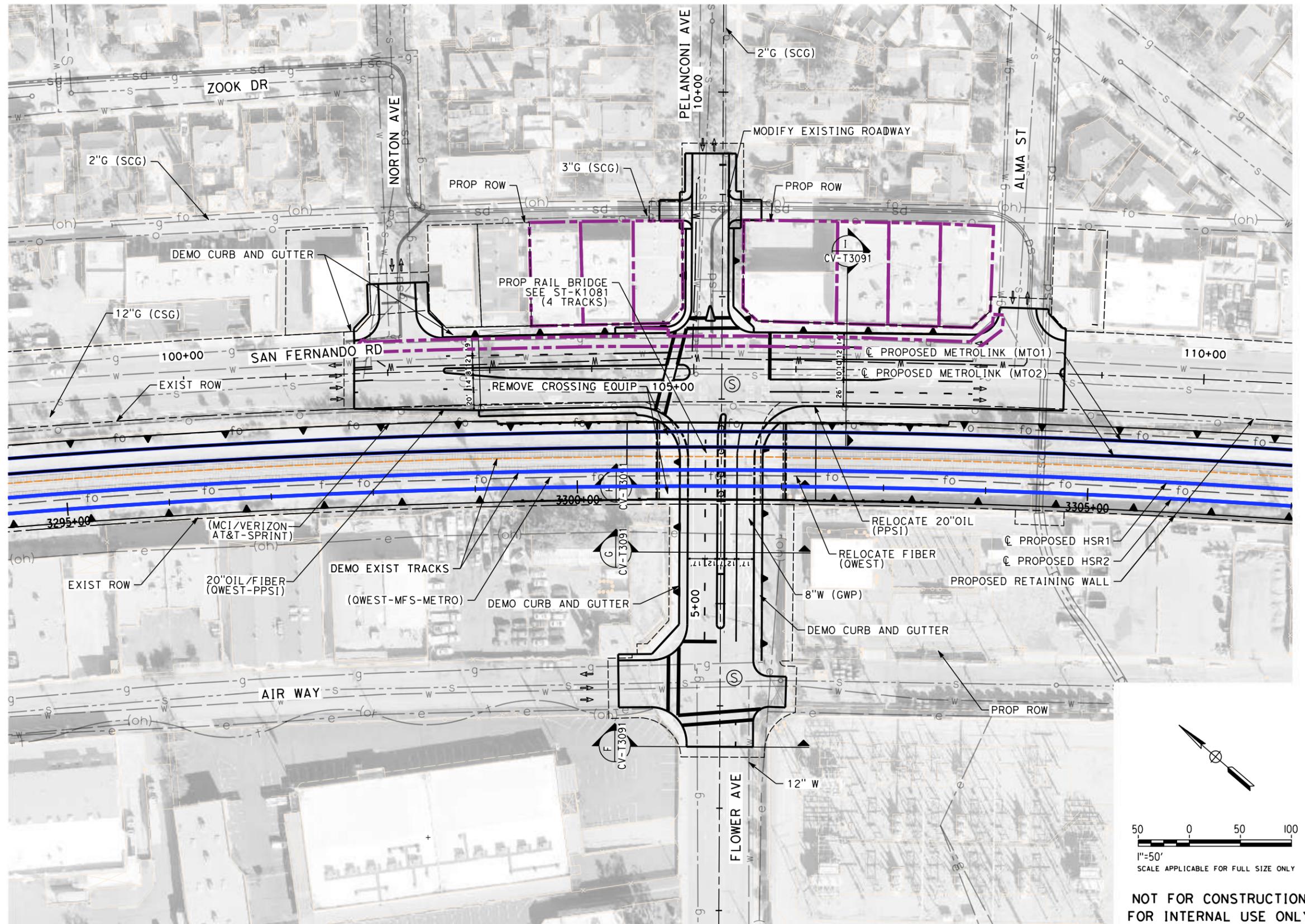
DRAWING NO.
CV-T1092

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:06:58 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2L-CV-T1093.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



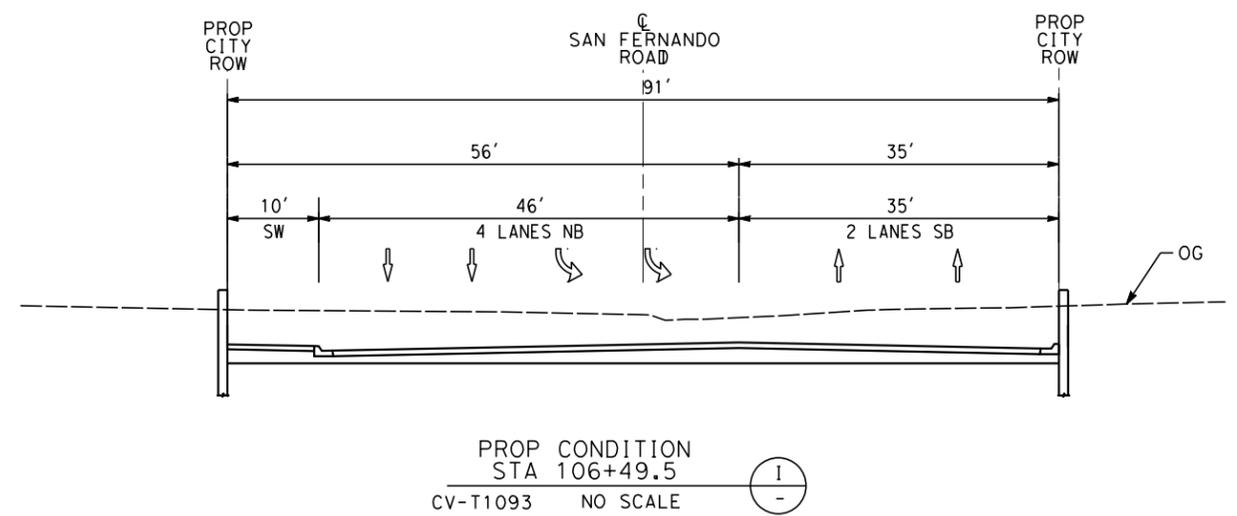
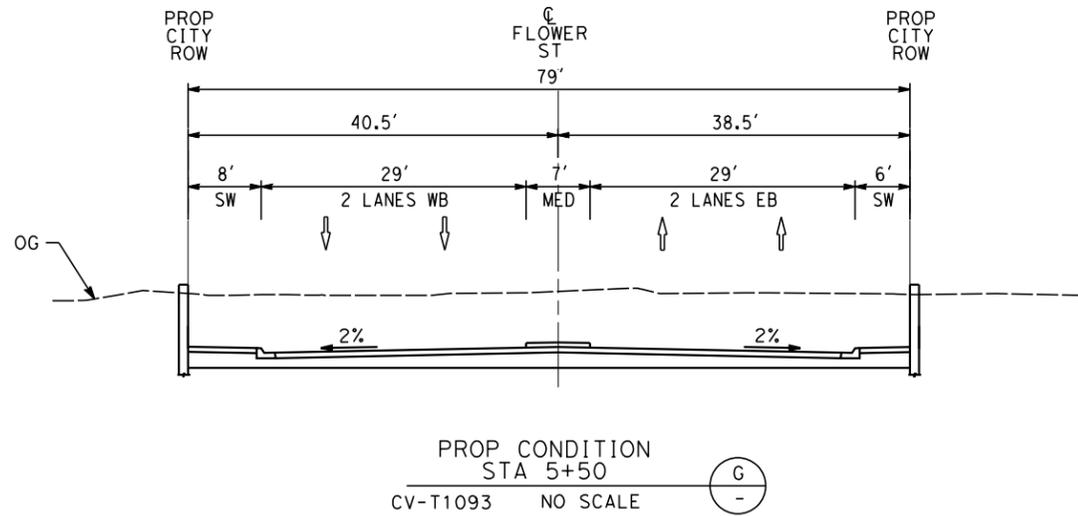
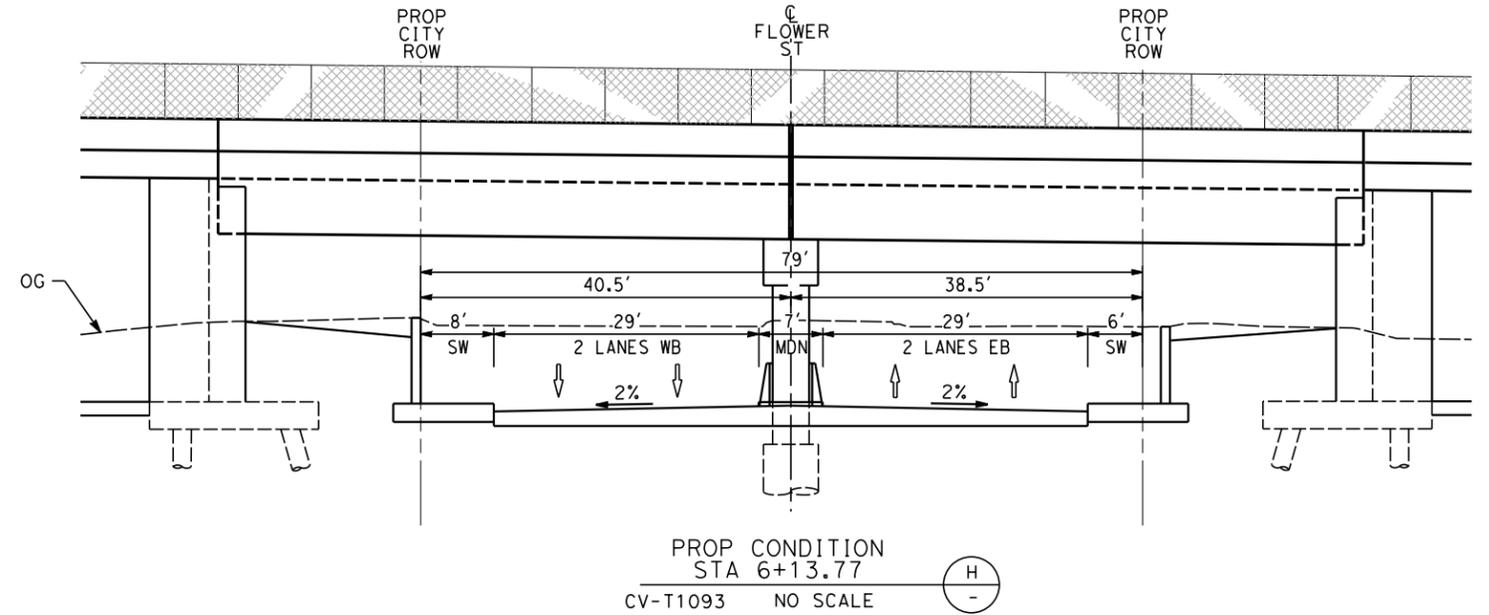
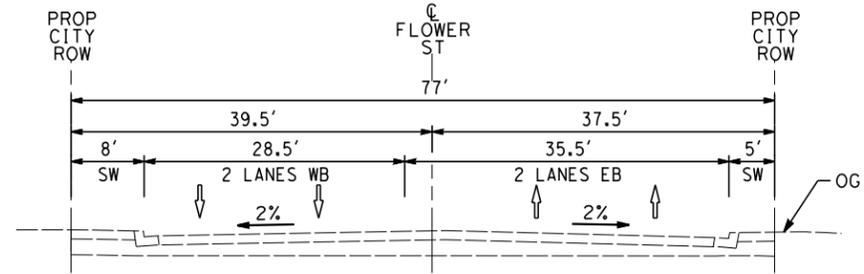
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - FLOWER ST UNDERPASS
IMPACT PLAN SHEET

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1093
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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7/13/2021 11:07:46 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3091.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - FLOWER ST UNDERPASS
CROSS SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3091

SCALE
AS SHOWN

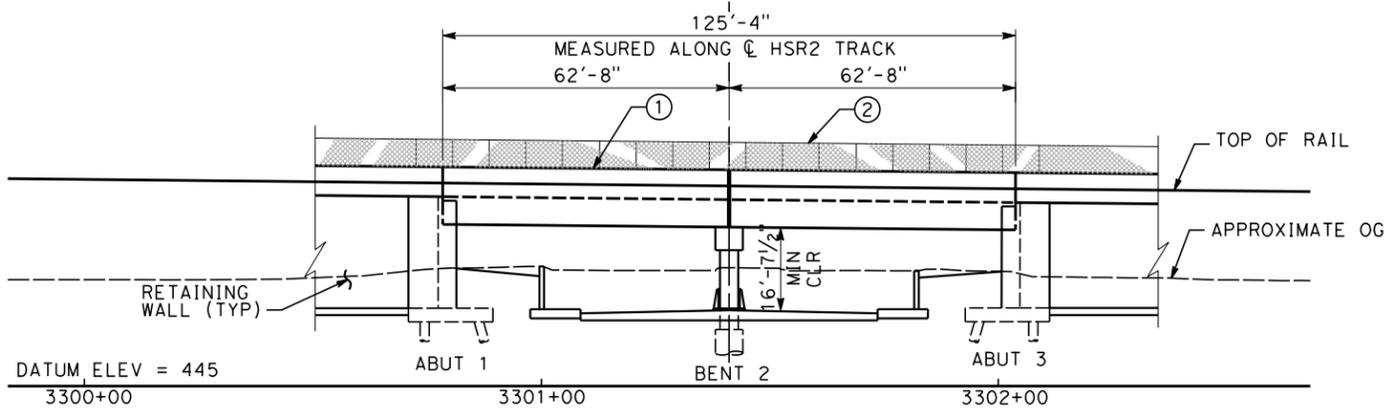
SHEET NO.



TOP OF RAIL PROFILE (HSR2)

NO SCALE

© FLOWER STREET



ELEVATION

SCALE: 1"=20'

EXISTING UTILITIES

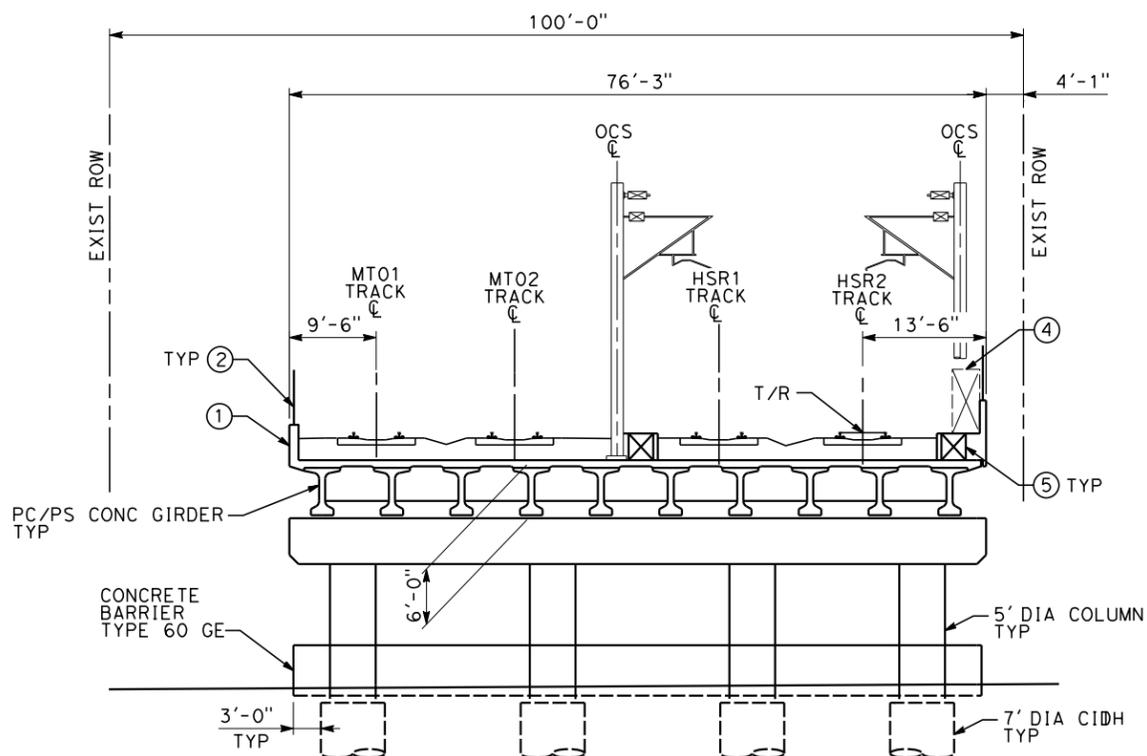
- E** ELECTRIC CABLE (OH)
- F** FIBER OPTIC
- G** GAS
- O** OIL (20" LINE)
- S** SEWER
- W** WATER

NOTES

- ① CONCRETE BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB
- ④ WALKWAY (3'-0" WIDE)
- ⑤ CABLE DUCT

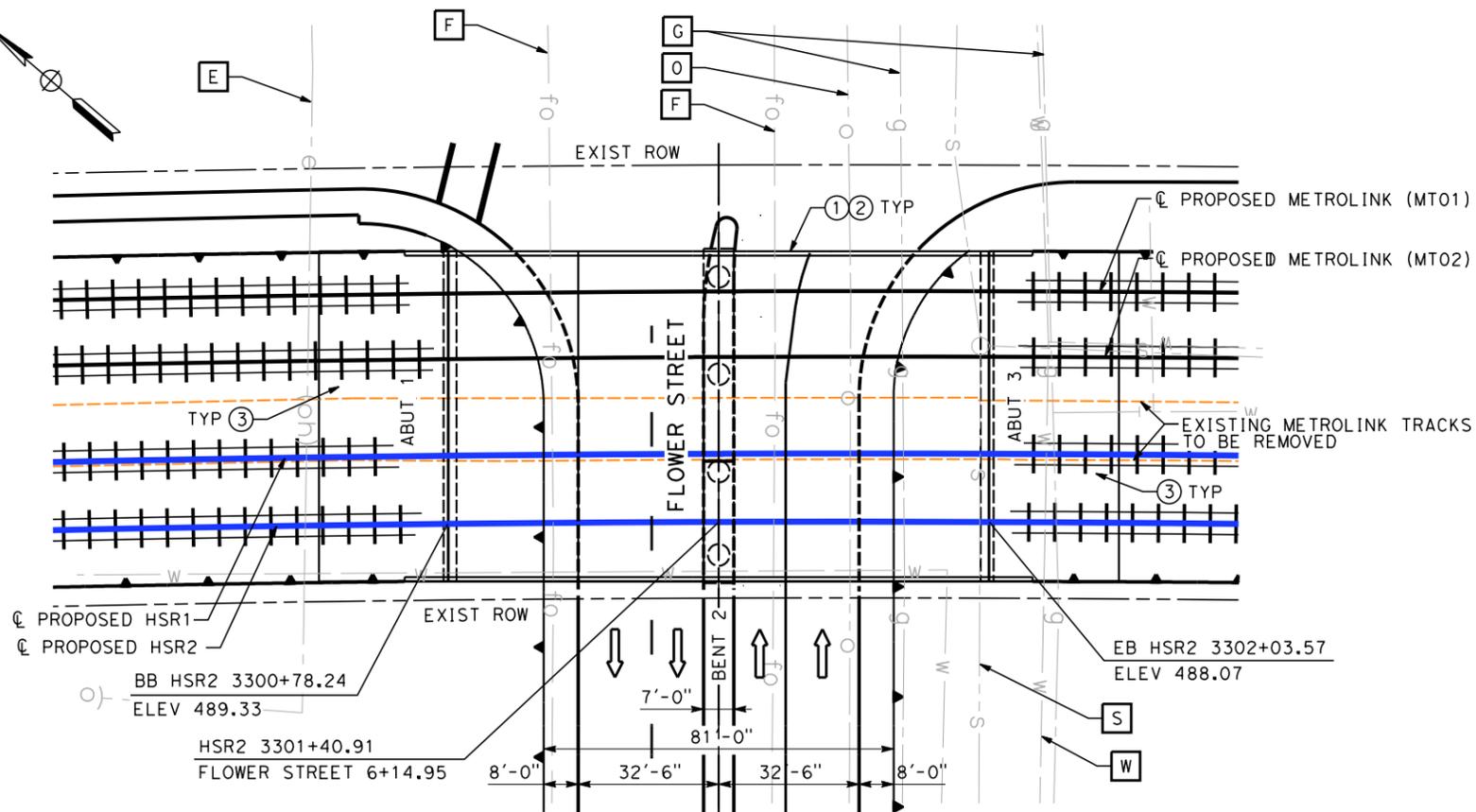
LEGEND

- INDICATES DIRECTION OF TRAFFIC
- INDICATES METROLINK AND HST TRACKS



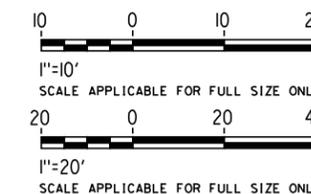
TYPICAL SECTION

SCALE: 1"=10'



PLAN

SCALE: 1"=20'



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FOR INTERNAL USE ONLY

7/13/2021 11:08:26 AM c:\j\p\pwworkdir\jag_gary\d0150141\k2l-st-k1091.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL

PEPD

GRADE SEPARATION - FLOWER STREET UNDERPASS

GENERAL PLAN - SHEET 1 OF 1

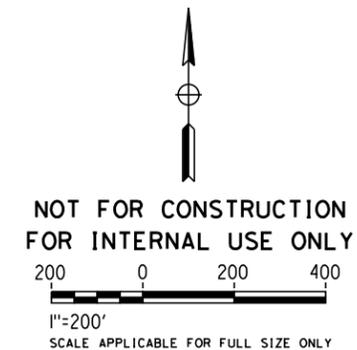
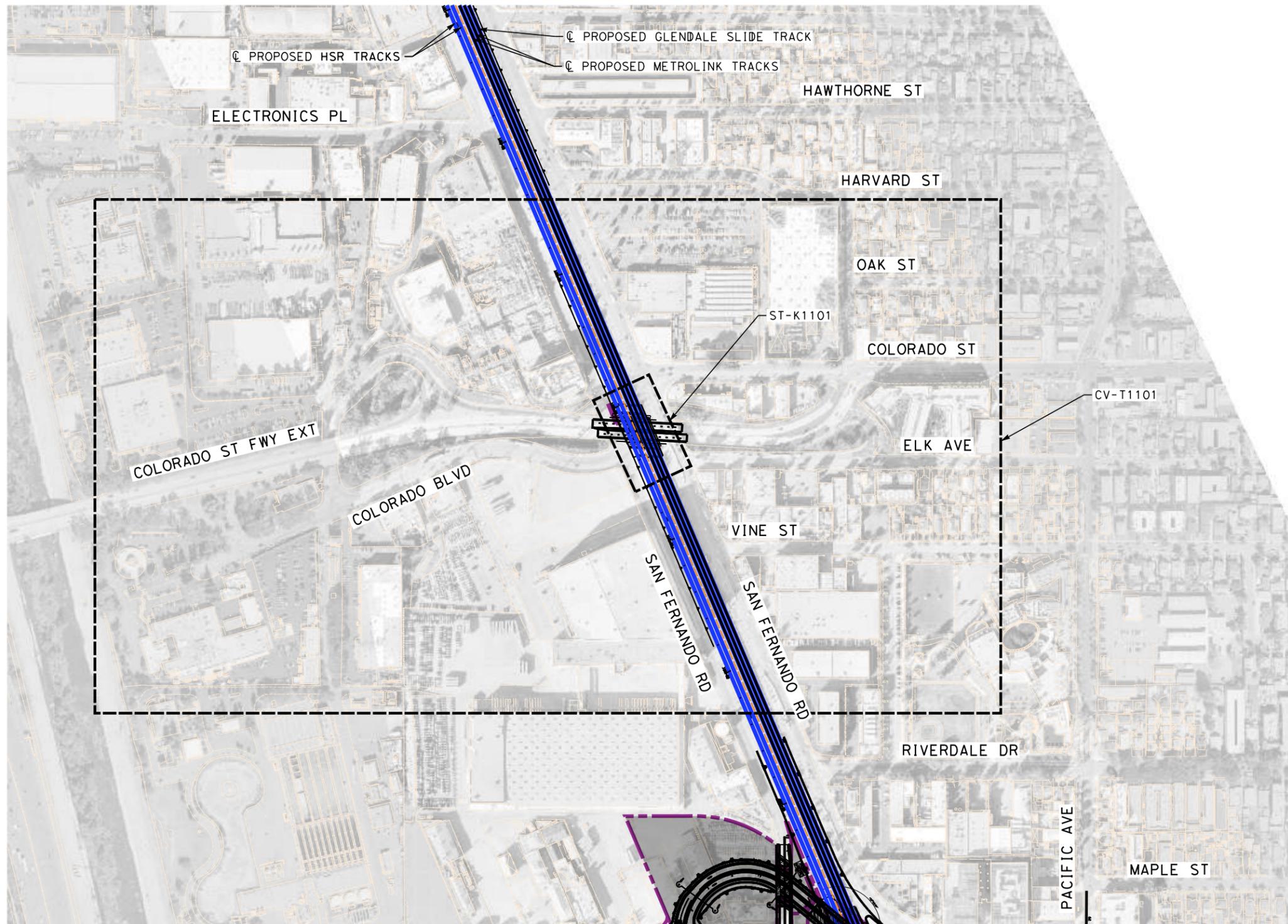
CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1091

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

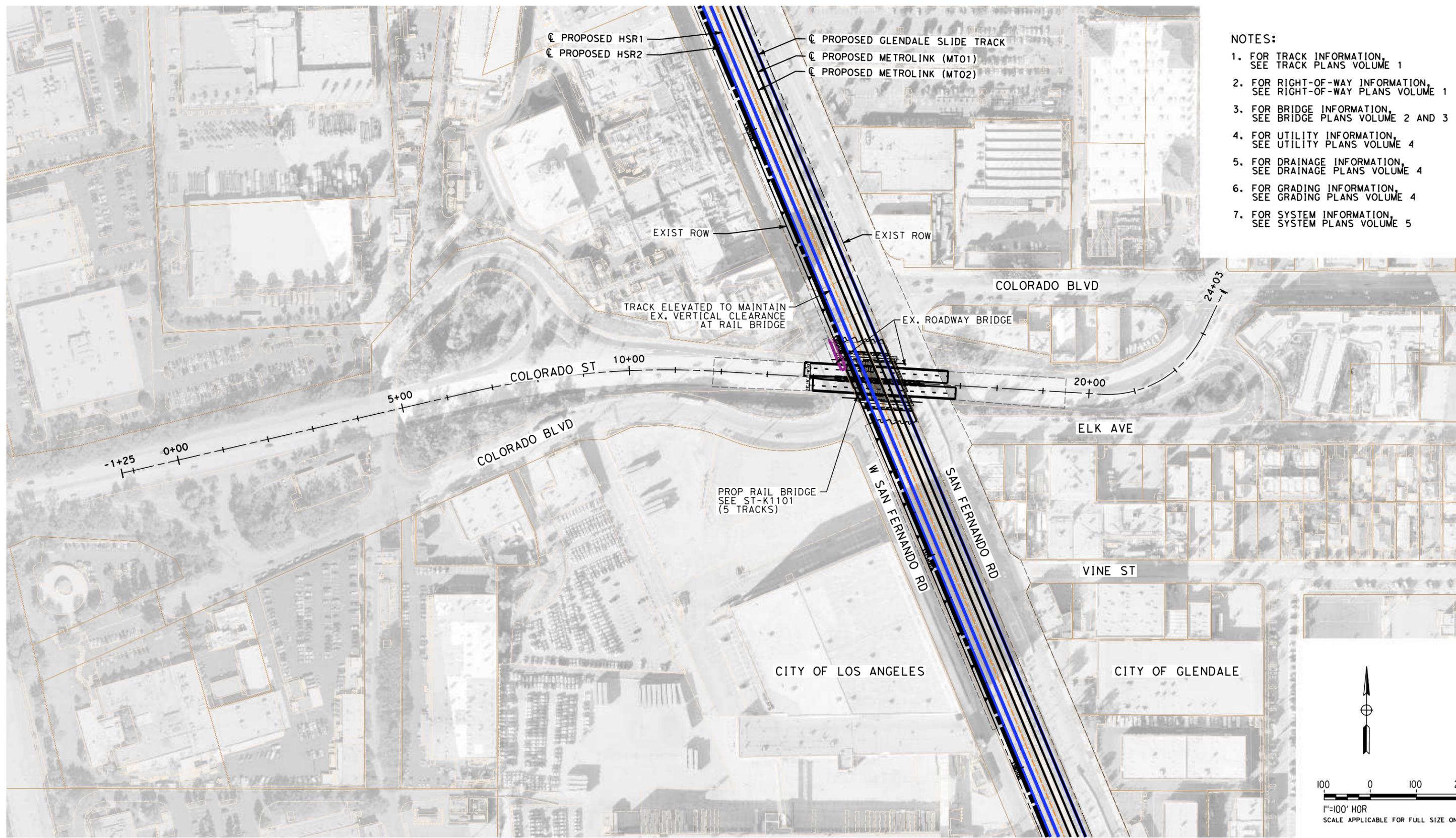
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - COLORADO ST UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0101
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:10:52 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1101.dgn



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - COLORADO ST UNDERPASS

PLAN

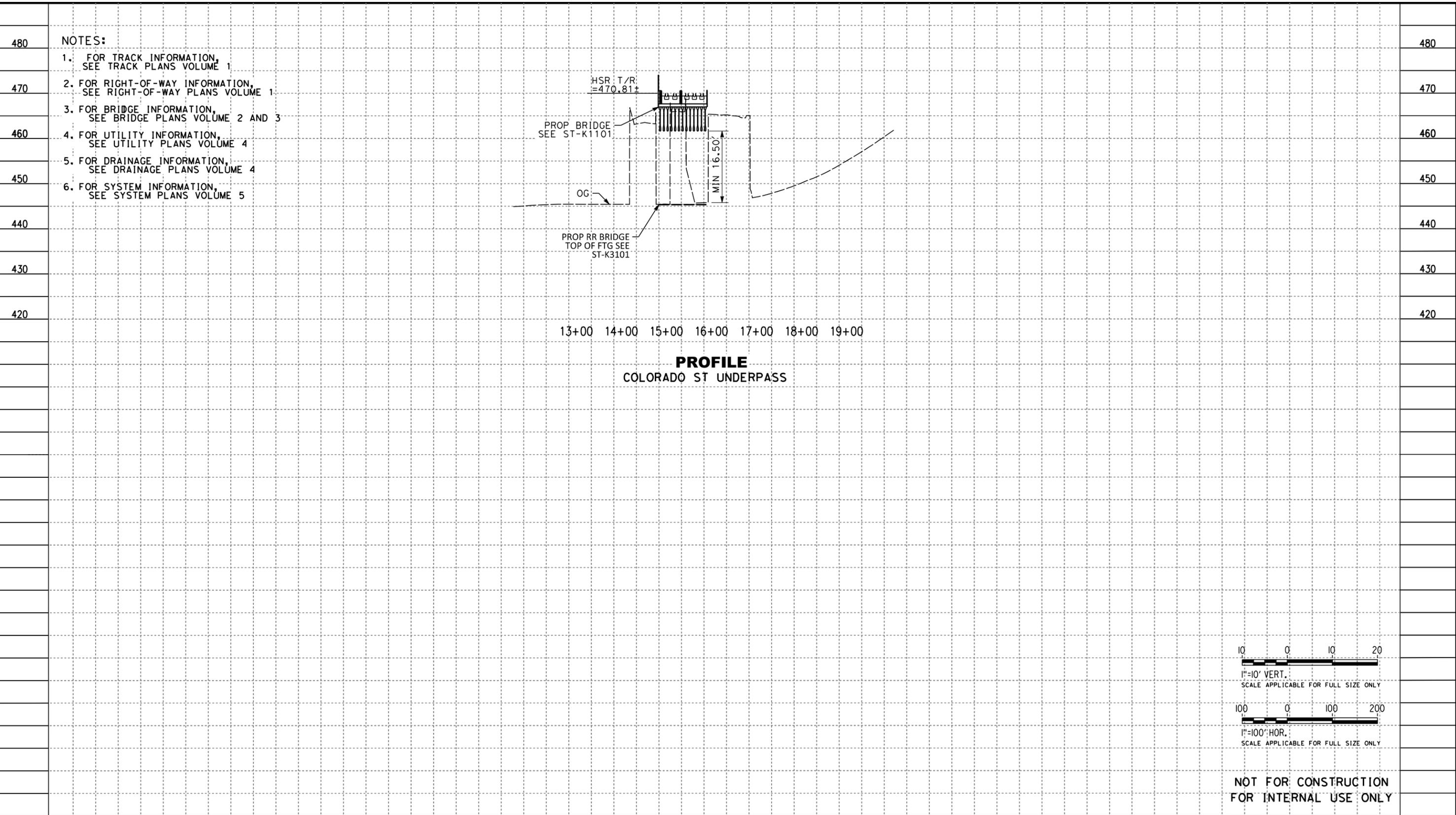
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1101

SCALE
AS SHOWN

SHEET NO.

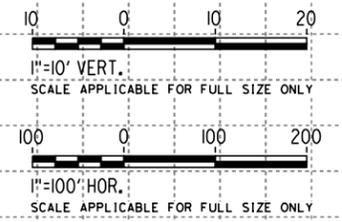
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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

13+00 14+00 15+00 16+00 17+00 18+00 19+00

PROFILE
COLORADO ST UNDERPASS



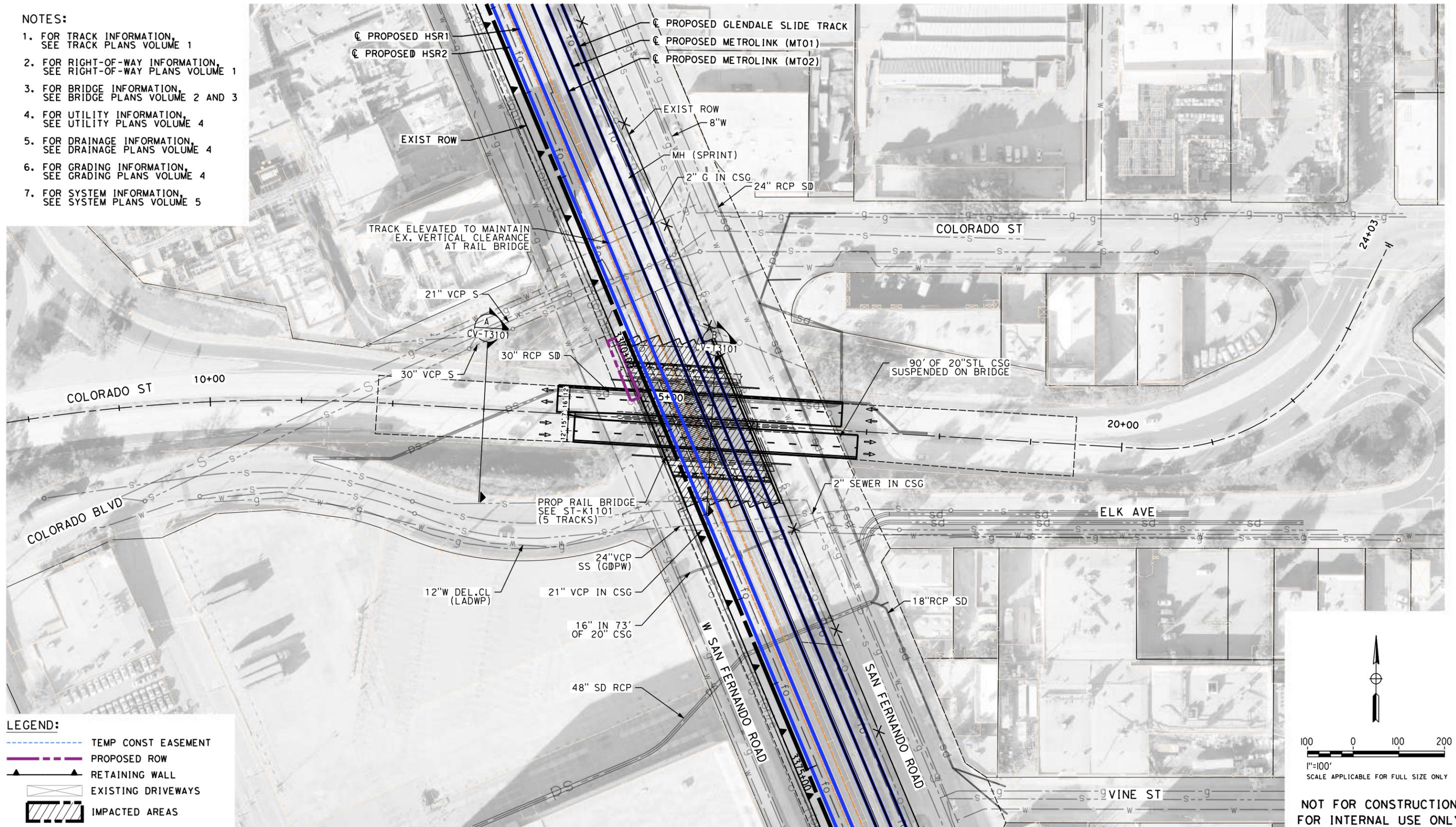
NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

STATION						TOTAL
CY	Exc					
	Emb					
REV	DATE	BY	CHK	APP	DESCRIPTION	

DESIGNED BY C. LEE DRAWN BY A. CORTEZ CHECKED BY R. YU IN CHARGE C. LEE DATE 07/15/2021	PEPD RECORD SET NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT BURBANK TO LOS ANGELES OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD PEPD GRADE SEPARATION - COLORADO ST UNDERPASS PROFILE	CONTRACT NO. HSR14-39 DRAWING NO. CV-T1102 SCALE AS SHOWN SHEET NO.
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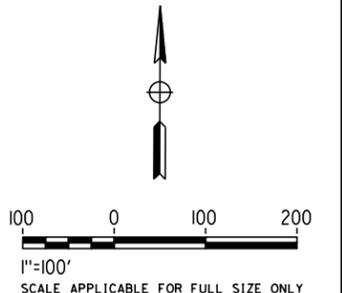
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



**NOT FOR CONSTRUCTION
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7/13/2021 11:12:47 AM c:\j\p\pwworkdir\jbg_garyo\d0150139\k2l-cv-t1103.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - COLORADO ST UNDERPASS
IMPACT PLAN

CONTRACT NO.
HSR14-39

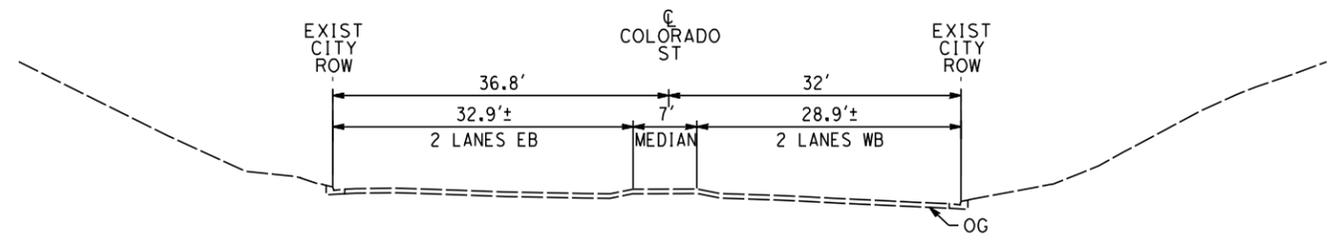
DRAWING NO.
CV-T1103

SCALE
AS SHOWN

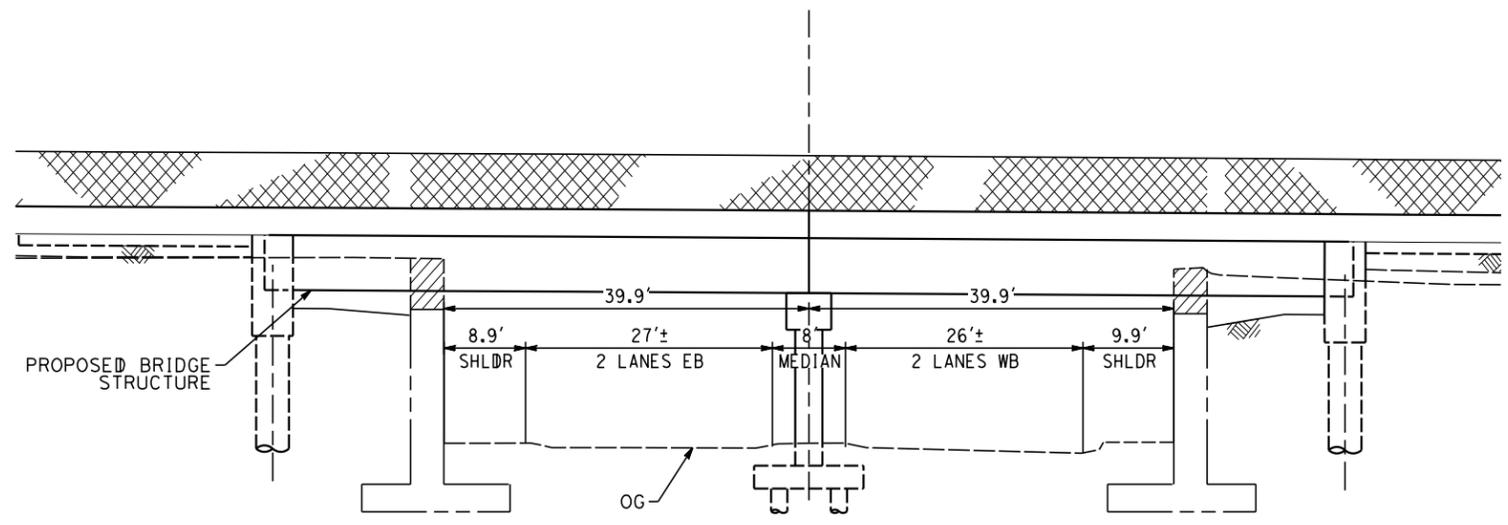
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



EXIST CONDITION
STA 13+00
CV-T1103 NO SCALE



PROP CONDITION
STA 15+50
CV-T1103 NO SCALE

NOT FOR CONSTRUCTION
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7/13/2021 11:13:22 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3101.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

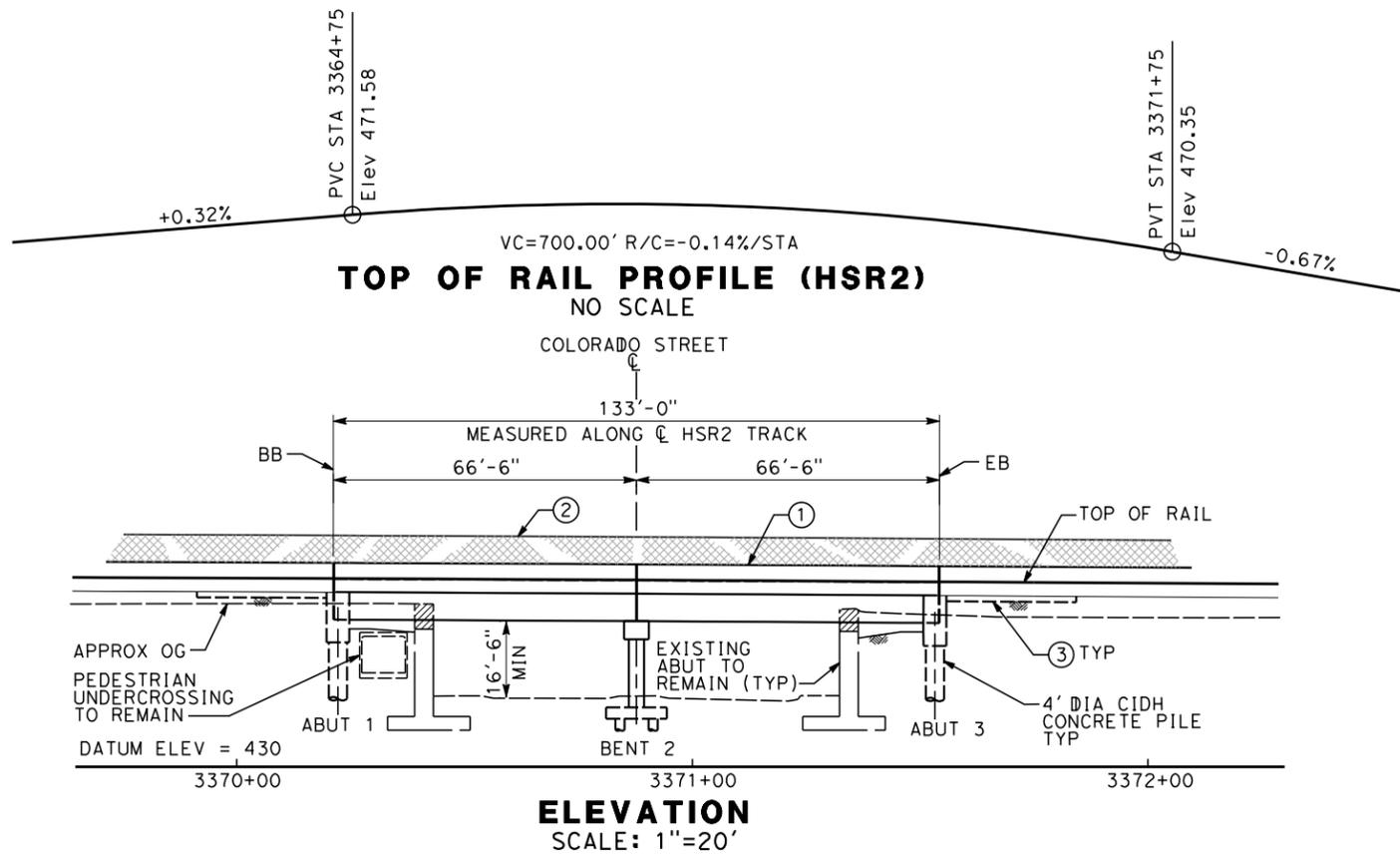
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION HYBRID - COLORADO ST UNDERPASS
CROSS SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3101

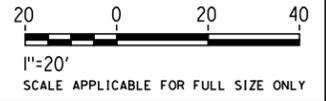
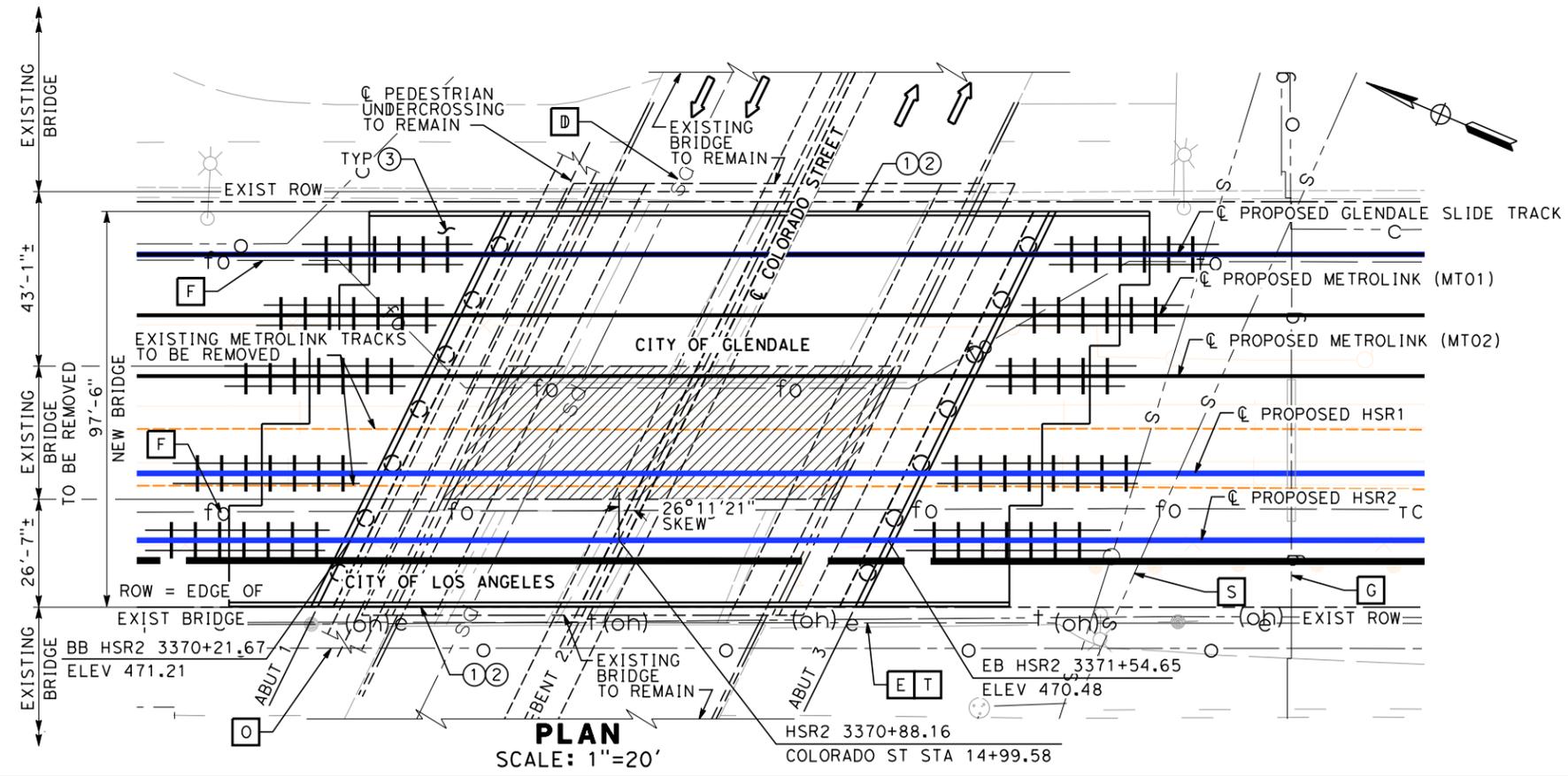
SCALE
AS SHOWN

SHEET NO.



- EXISTING UTILITIES**
- E** ELECTRIC CABLE (OH)
 - F** FIBER OPTIC
 - G** GAS
 - O** OIL
 - S** SEWER
 - D** STORM DRAIN
 - T** TELEPHONE (OH)

- NOTES**
- ① BARRIER
 - ② CHAIN LINK RAILING
 - ③ STRUCTURE APPROACH SLAB
- LEGEND**
- INDICATES DIRECTION OF TRAFFIC
 - ||||| INDICATES METROLINK AND HST TRACKS
 - /// INDICATES LIMITS OF EXISTING BRIDGE REMOVAL



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:14:05 AM c:\jip\pwworkdir\jag_garyo\d0150141\K2L-ST-K1101.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD

GRADE SEPARATION - COLORADO ST UNDERPASS
GENERAL PLAN - SHEET 1 OF 2

CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1101

SCALE
AS SHOWN

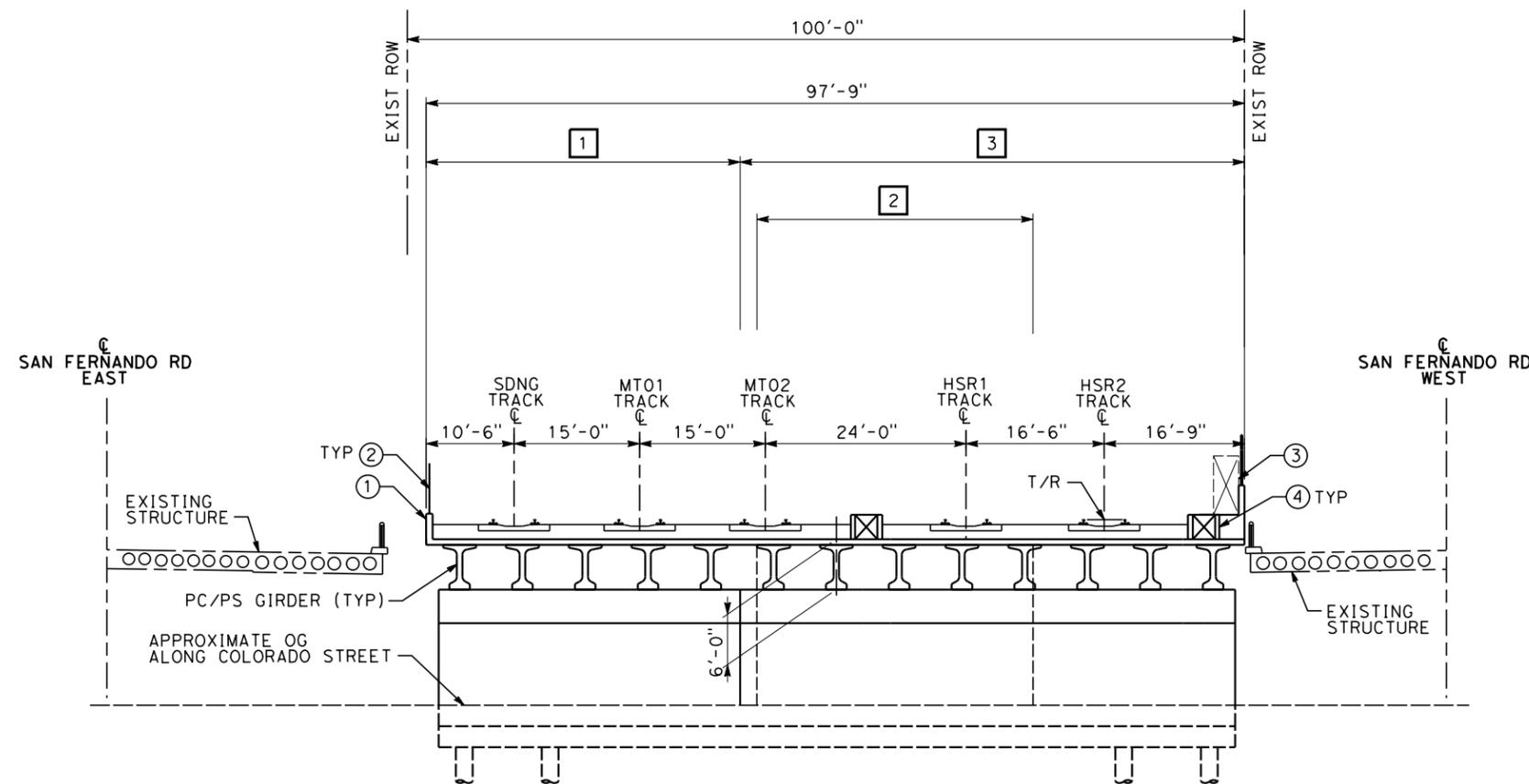
SHEET NO.

NOTES

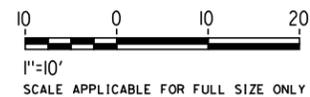
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ WALKWAY (3'-0" WIDE)
- ④ CABLE DUCT

CONSTRUCTION STAGING NOTES:

- ① CONSTRUCT 36'-0" EAST SEGMENT OF THE NEW BRIDGE FOR METROLINK TRAFFIC OPERATION USING SIDING TRACK TEMPORARILY.
- ② REMOVE EXISTING BRIDGE.
- ③ COMPLETE BRIDGE CONSTRUCTION FOR HIGH SPEED TRAIN AND METROLINK TRAFFIC OPERATIONS.



TYPICAL SECTION - BENT 2
SCALE: 1"=10'



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:14:20 AM c:\j\p\pwworkdir\j\eg_garyo\d0150141\k2l-ST-K3101.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - COLORADO ST UNDERPASS
GENERAL PLAN - SHEET 2 OF 2

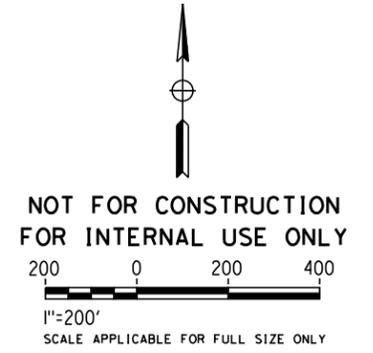
CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K3101

SCALE
AS SHOWN

SHEET NO.

7/13/2021 11:15:32 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0111.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - GOODWIN AVE/CHEVY CHASE DR
ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0111

SCALE
AS SHOWN

SHEET NO.

NOTES:

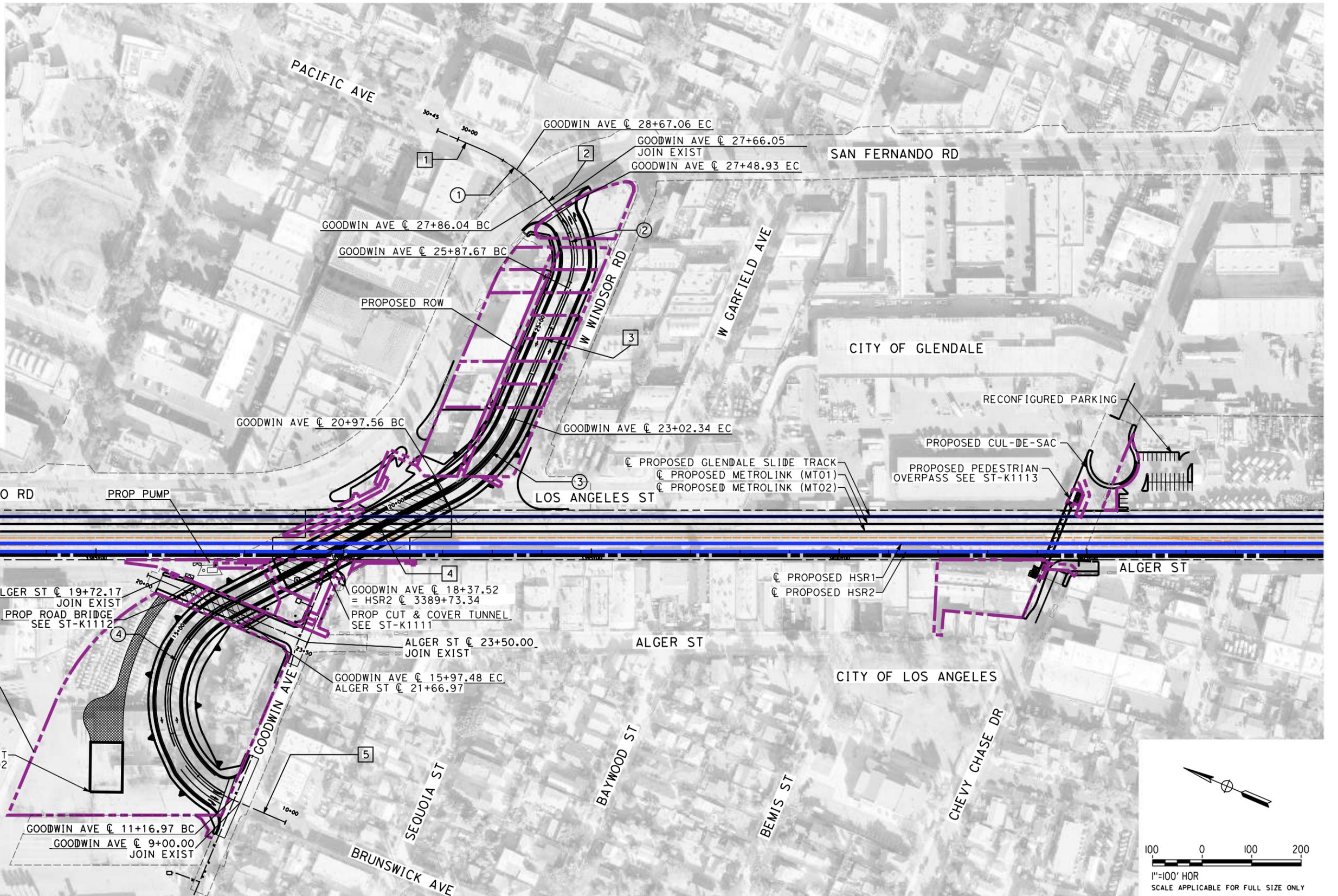
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

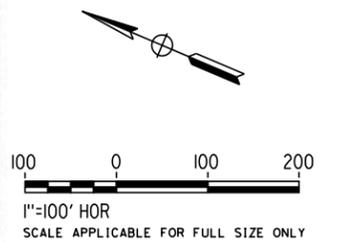
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1	N0°03'34"E	97.27
2	N27°22'56"E	37.11
3	S89°49'13"E	285.33
4	S50°31'31"E	500.08
5	N0°14'19"E	116.97

CURVE DATA

NO	R	Δ	T	L
①	340.00'	27°19'23"	82.64'	162.14'
②	150.00'	62°47'51"	91.56'	164.40'
③	300.00'	39°17'43"	107.11'	205.75'
④	215.00'	129°14'10"	453.16'	484.95'



- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



7/13/2021 11:17:03 AM c:\j\p\pwworkdir\jbg_garyo\d0150139\K2L-CV-T1111.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
A. CORTEZ

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GOODWIN AVE/CHEVY CHASE DR

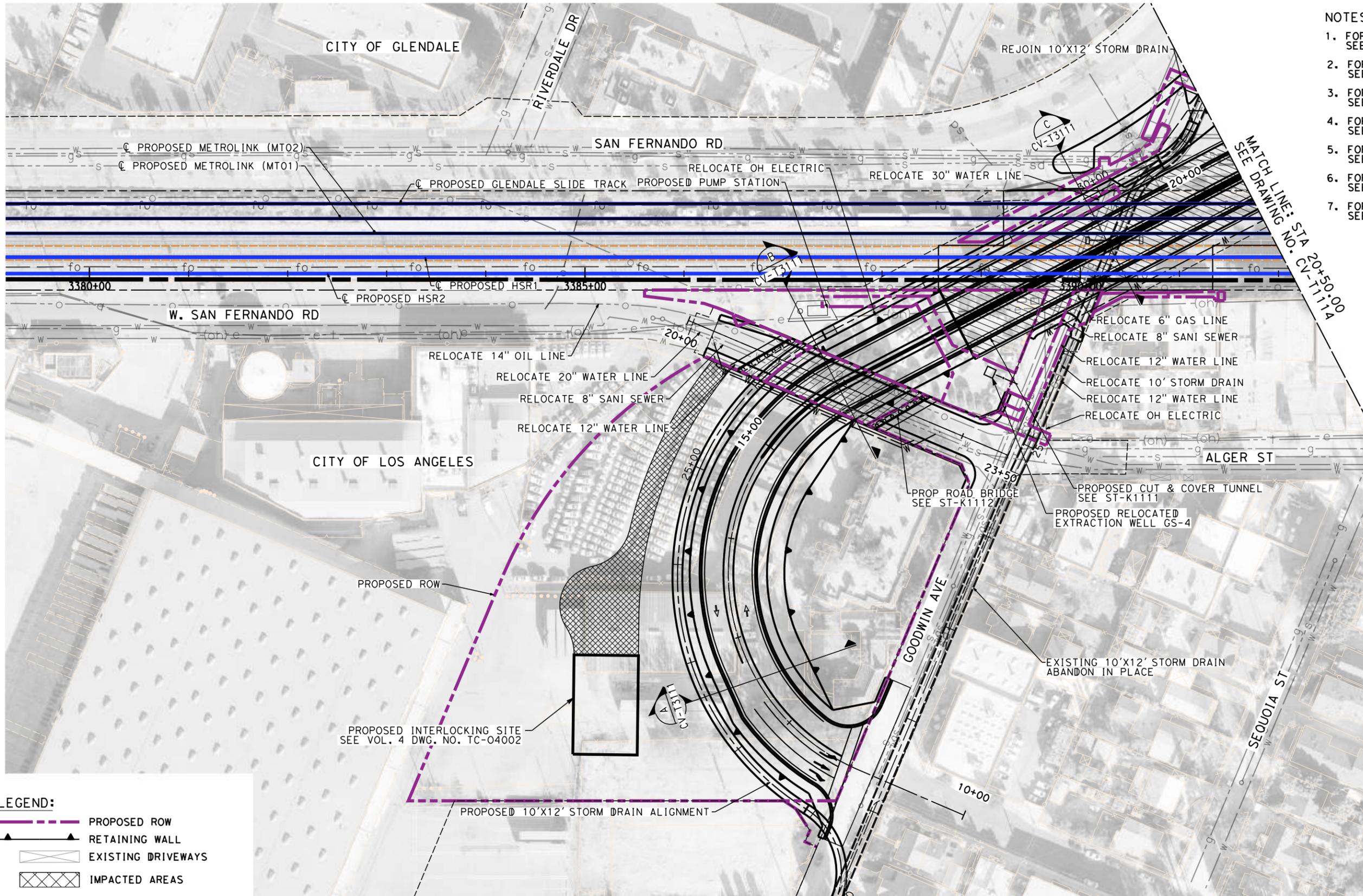
PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1111

SCALE
AS SHOWN

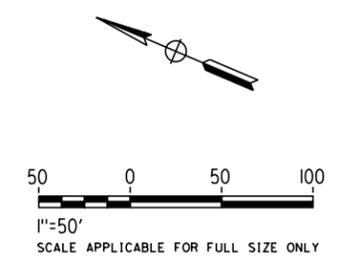
SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

MATCH LINE: STA 20+50.00
SEE DRAWING NO. CV-T1114

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS
 - PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:19:09 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2l-cv-T1113.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
A. CORTEZ
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GOODWIN AVE UNDERPASS

IMPACT PLAN SHEET 1 OF 2

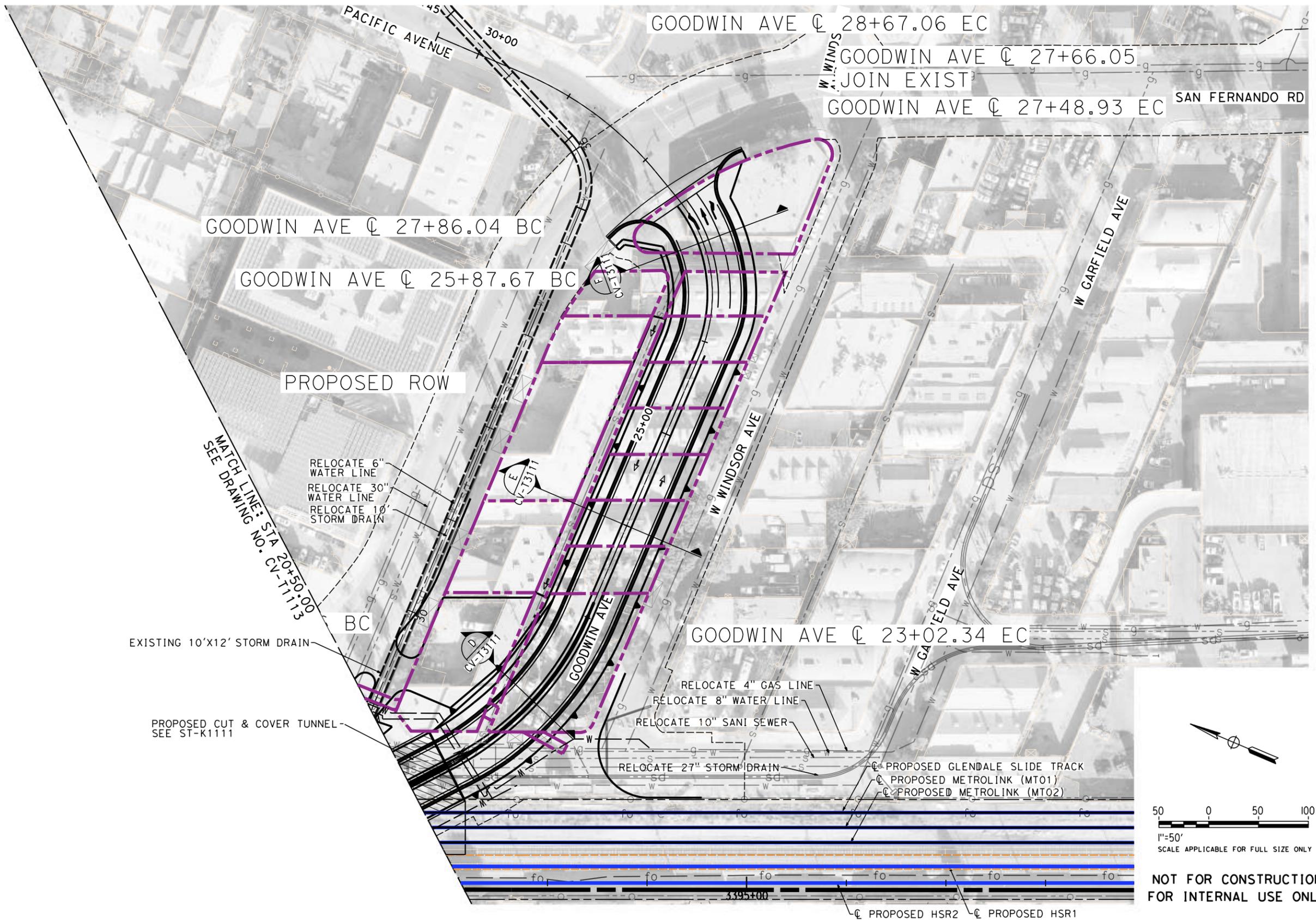
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1113

SCALE
AS SHOWN

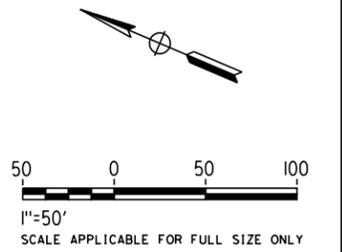
SHEET NO.

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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS
 - PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
E. BANEZ
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

GRADE SEPARATION GOODWIN AVE UNDERPASS

IMPACT PLAN 2 OF 2

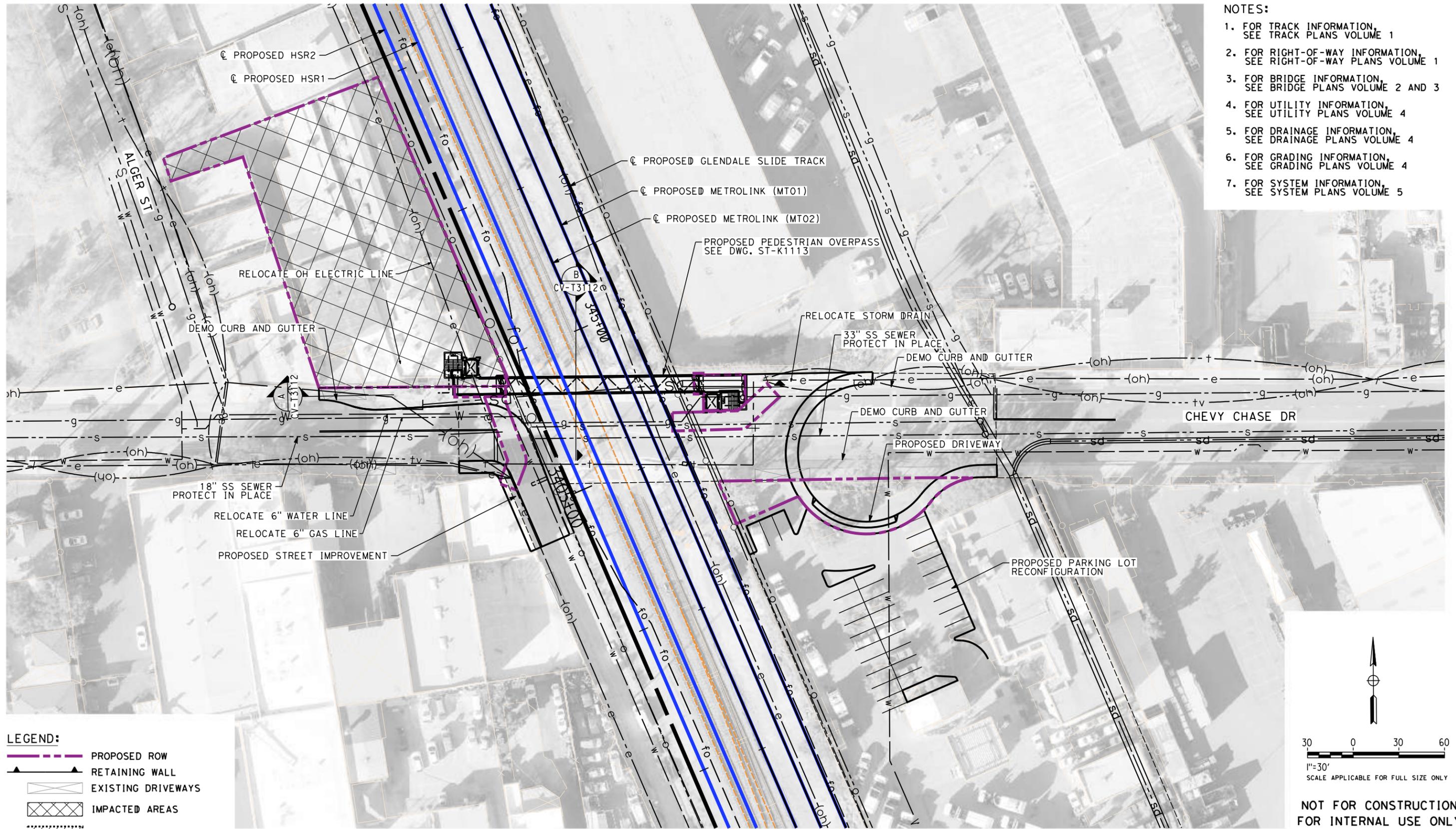
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1114

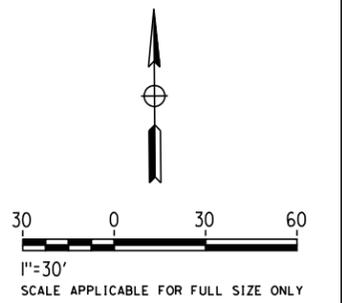
SCALE
AS SHOWN

SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS
 - PROPOSED STRUCTURE



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FOR INTERNAL USE ONLY**

7/13/2021 11:21:40 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1115.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
E. BANEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

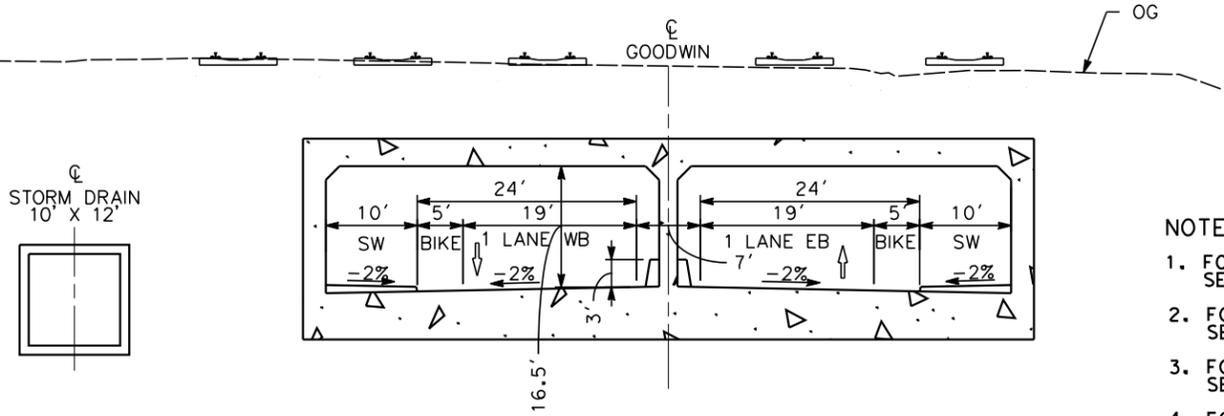
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - CHEVY CHASE DR PED OVERPASS
IMPACT PLAN 1 OF 1

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1115

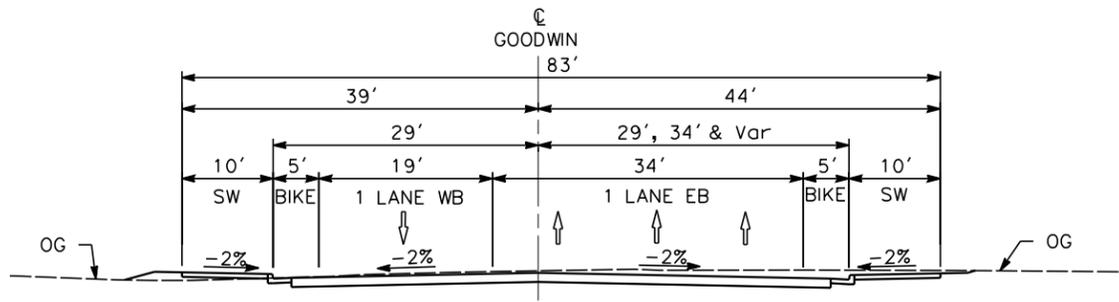
SCALE
AS SHOWN

SHEET NO.

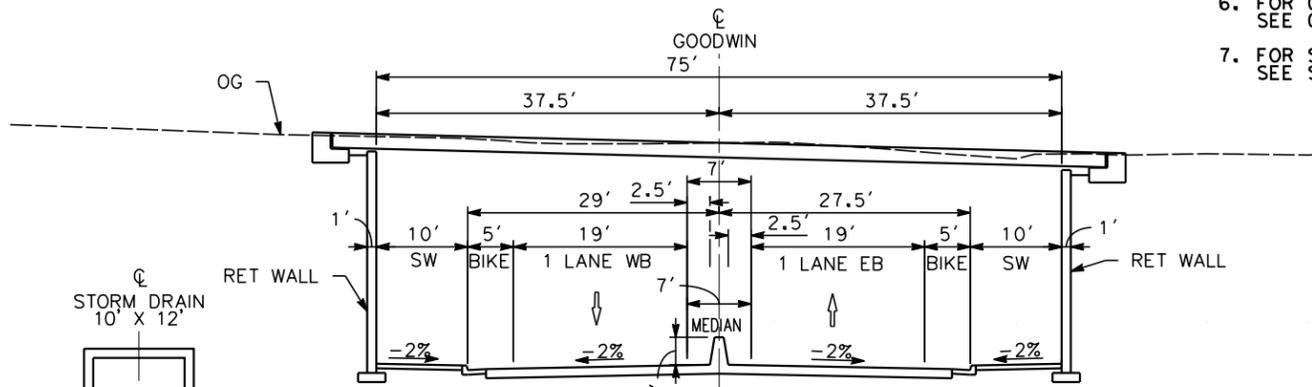


PROP CONDITION
STA 19+00
CV-T1113 NO SCALE (C)

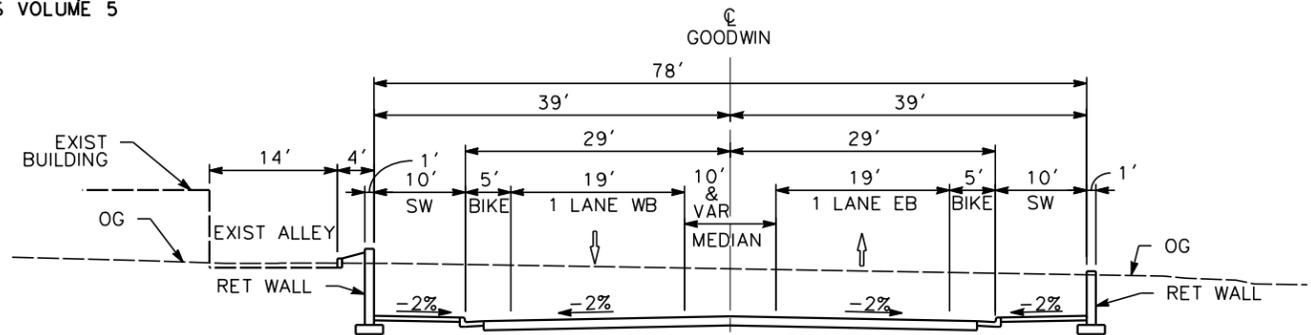
- NOTES:
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



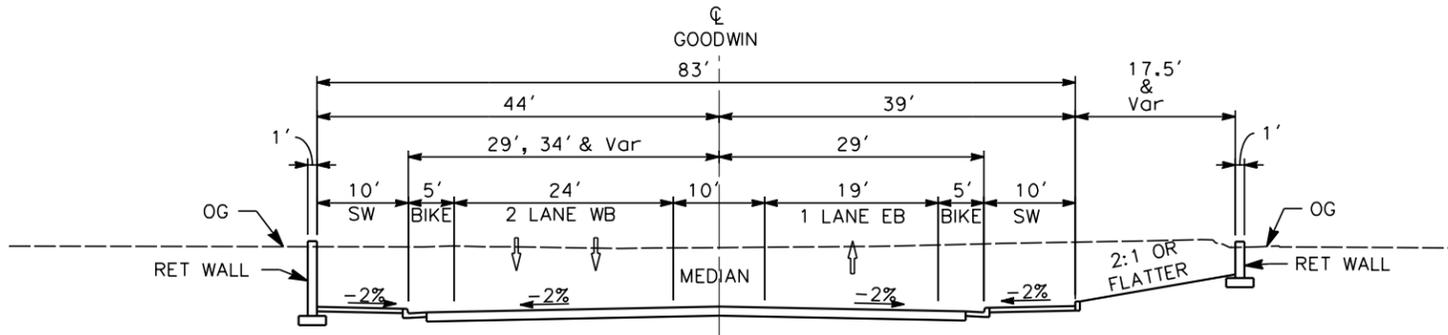
PROP CONDITION
STA 27+00
CV-T1114 NO SCALE (F)



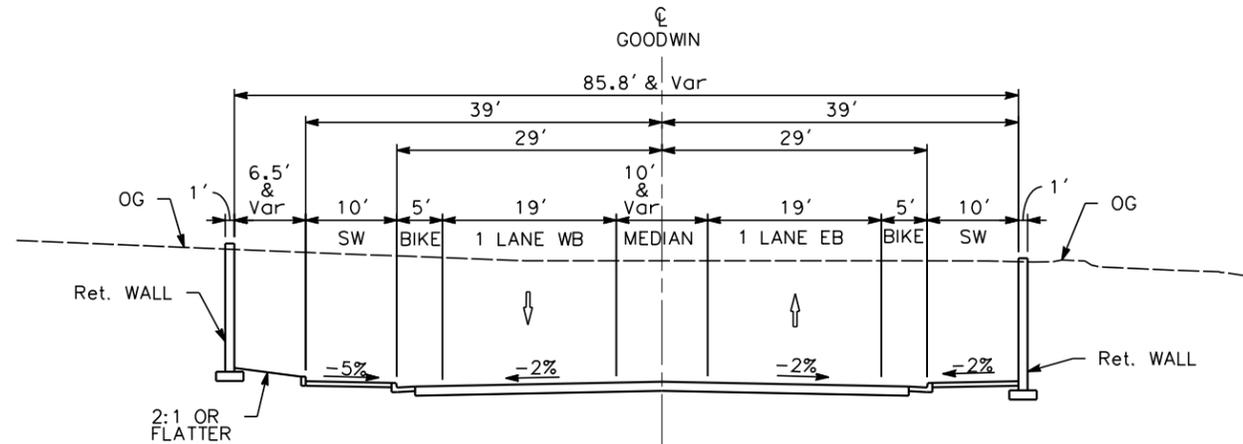
PROP CONDITION
STA 16+00
CV-T1113 NO SCALE (B)



PROP CONDITION
STA 24+00
CV-T1114 NO SCALE (E)



PROP CONDITION
STA 12+50
CV-T1113 NO SCALE (A)



PROP CONDITION
STA 22+00
CV-T1114 NO SCALE (D)

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7/13/2021 11:22:10 AM c:\jip\pwworkdir\jag_garyo\d0150139\k2L-CV-T3111.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
A. CORTEZ
CHECKED BY
C. LEE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD
RECORD SET

NOT FOR
CONSTRUCTION

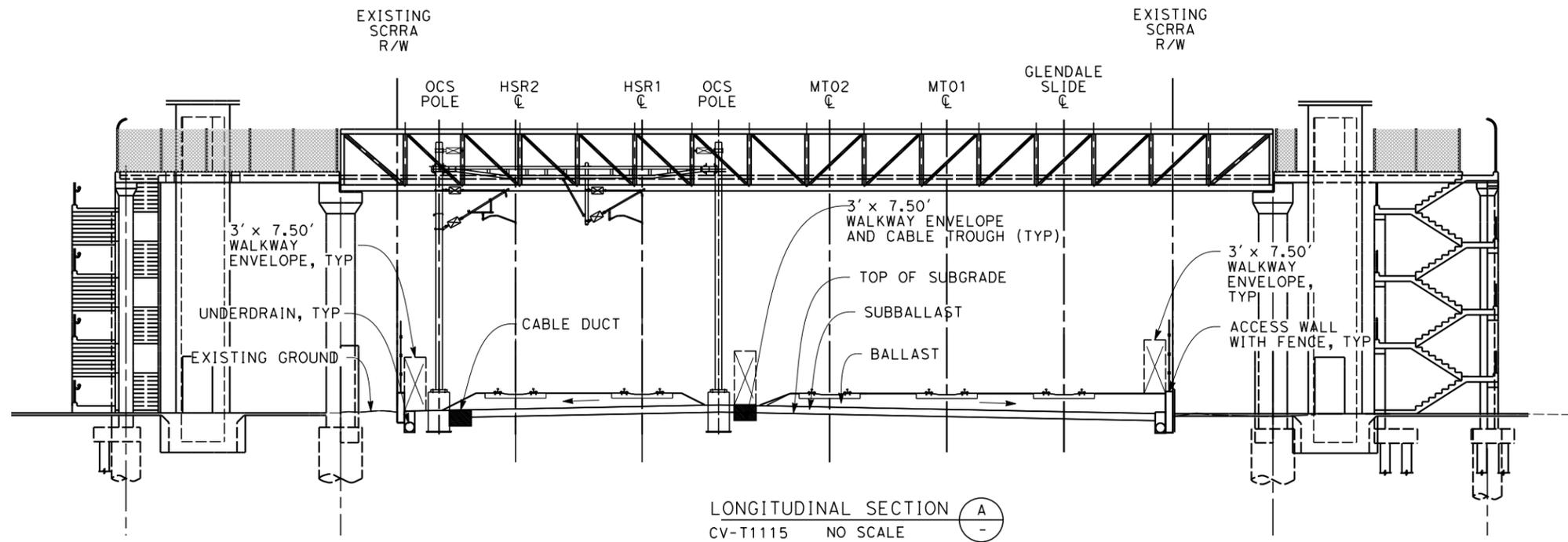


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - GOODWIN AVE UNDERPASS
CROSS-SECTION

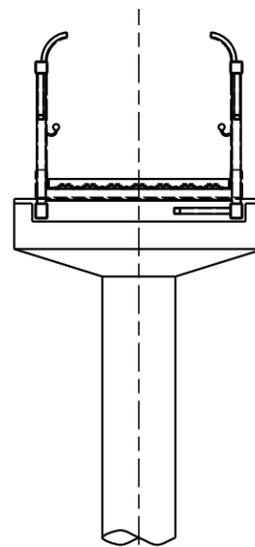
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T3111
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LONGITUDINAL SECTION A
CV-T1115 NO SCALE



TRANSVERSE SECTION B
CV-T1115 NO SCALE

7/13/2021 11:22:46 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3112.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
R. YU

CHECKED BY
C. LEE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - CHEVY CHASE DR. PED OVERPASS

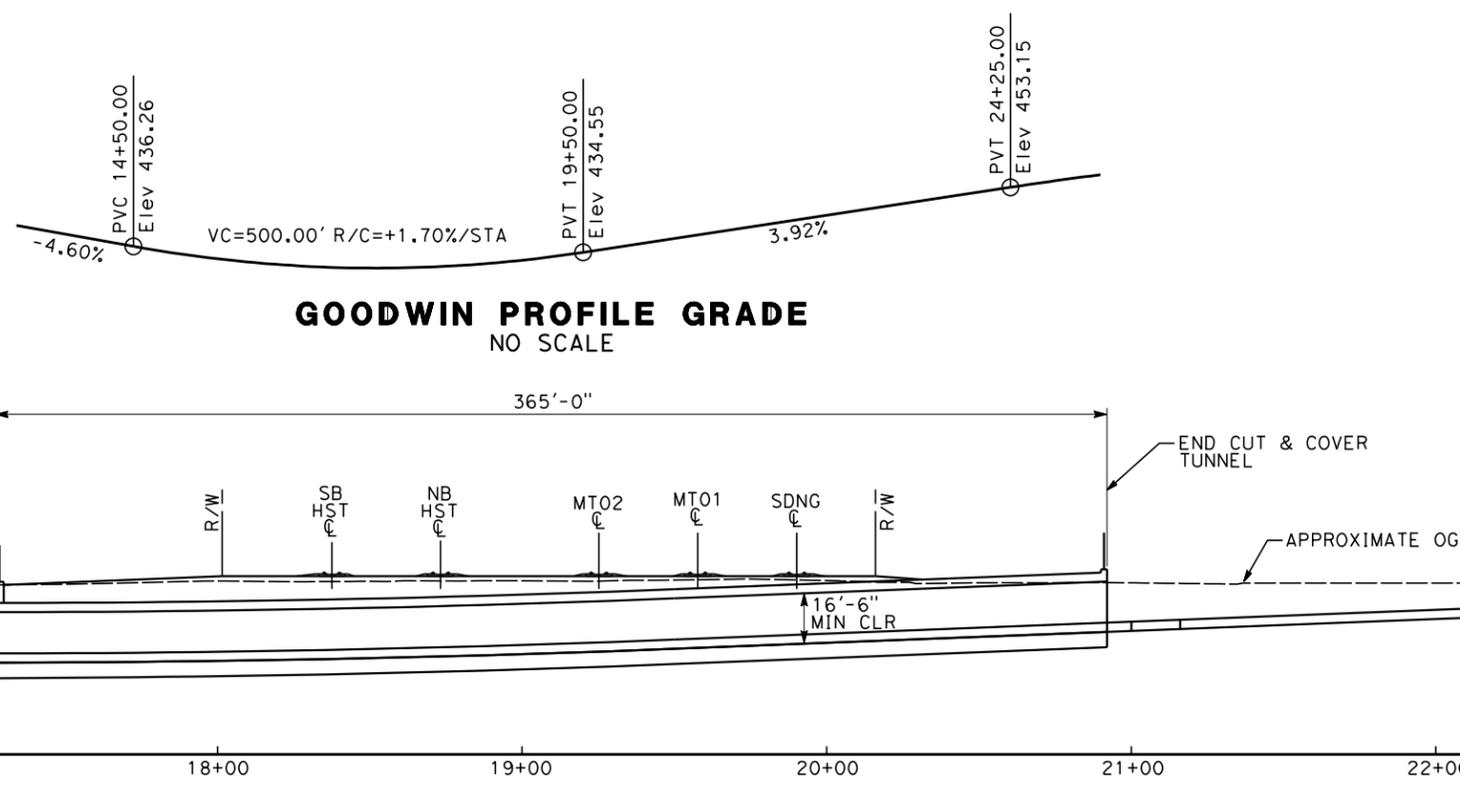
CROSS-SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3112

SCALE
AS SHOWN

SHEET NO.



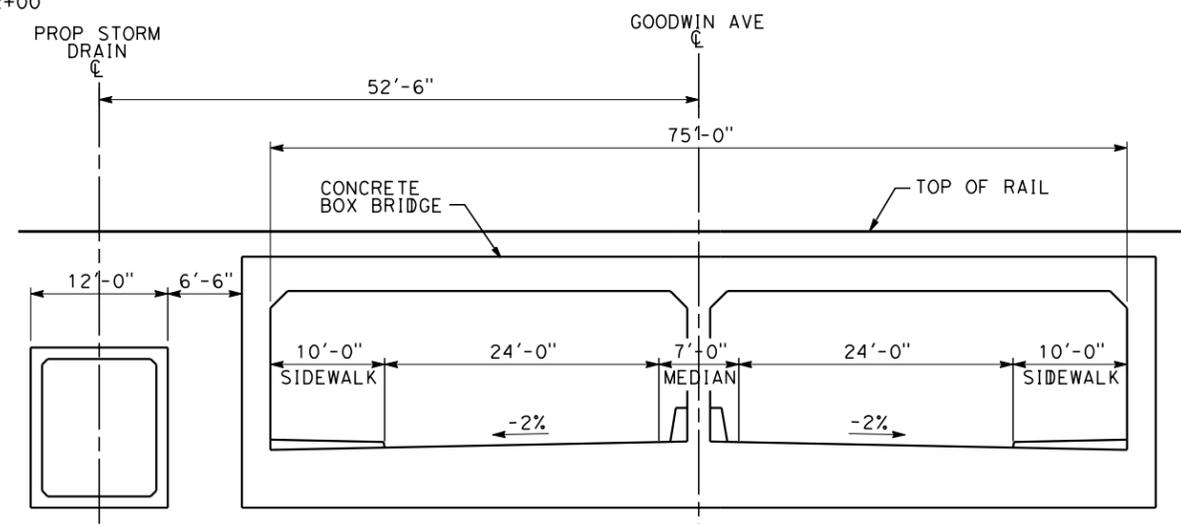
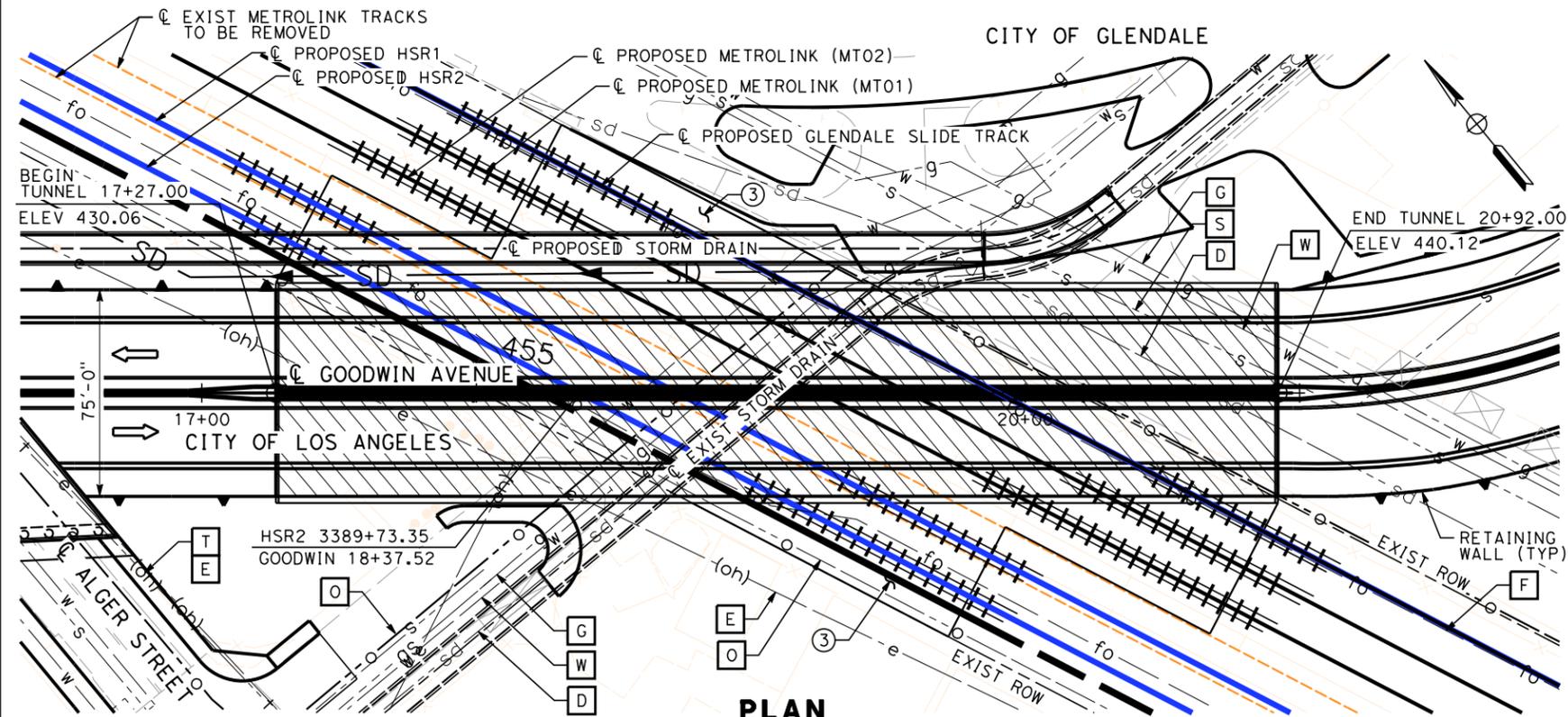
- NOTES**
- ① CONCRETE BARRIER
 - ② CHAIN LINK RAILING
 - ③ STRUCTURE APPROACH SLAB

- EXISTING UTILITIES**
- E ELECTRIC CABLE (OH)
 - F FIBER OPTIC
 - G GAS
 - O OIL
 - S SEWER
 - D STORM DRAIN
 - T TELEPHONE (OH)
 - W WATER

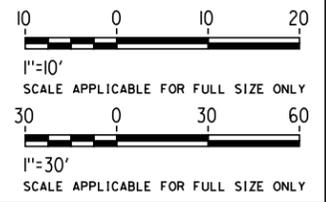
- LEGEND**
- ➔ INDICATES DIRECTION OF TRAFFIC
 - ||||| INDICATES METROLINK AND HST TRACKS

DATUM ELEV = 400
17+00 18+00 19+00 20+00 21+00 22+00

ELEVATION
SCALE: 1"=30'



TYPICAL SECTION
SCALE: 1"=10'



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7/13/2021 11:23:27 AM c:\j\p\pwworkdir\jag_garyo\d0150141\k2l-st-k1111.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

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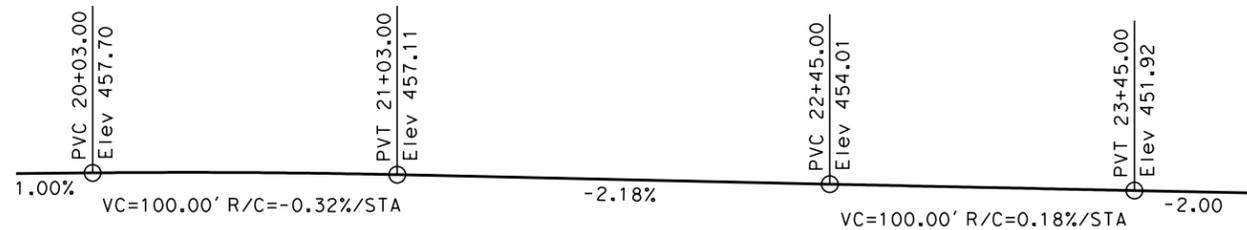
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - GOODWIN AVE UNDERPASS
GENERAL PLAN - SHEET 1 OF 1

CONTRACT NO.
HSR14-39

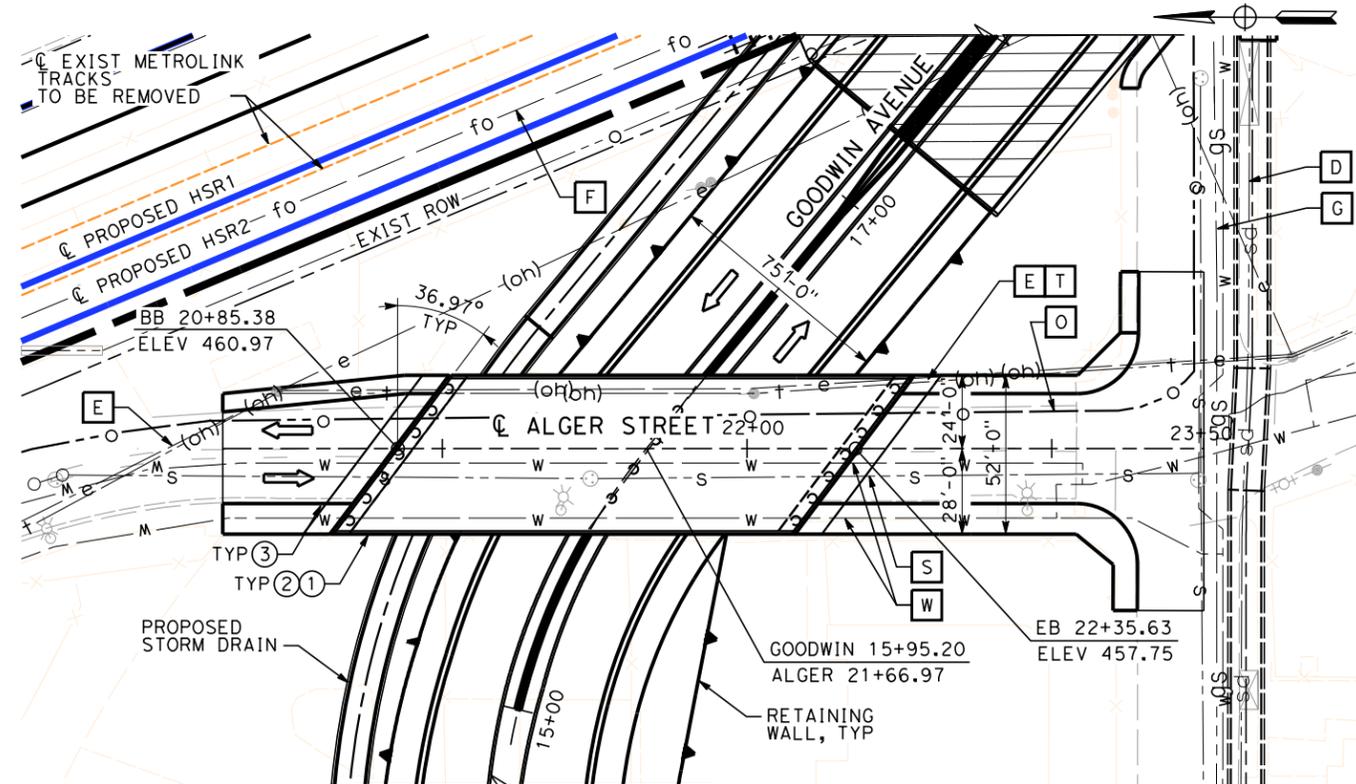
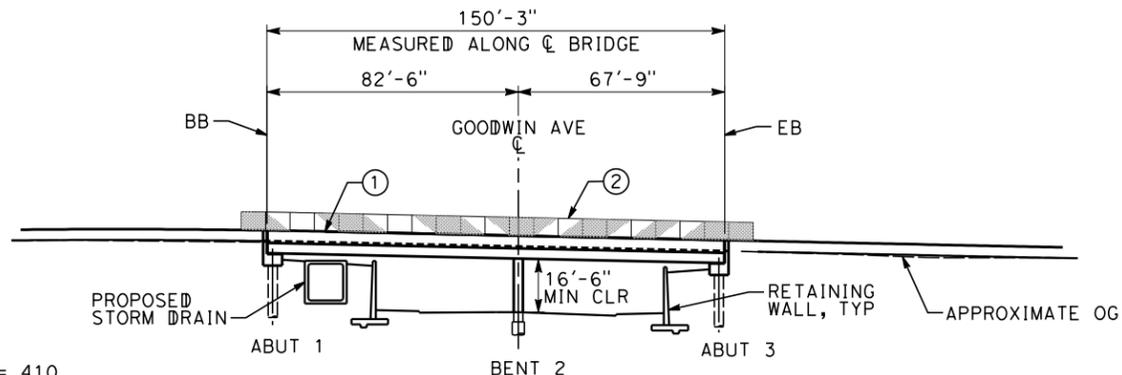
DRAWING NO.
ST-K1111

SCALE
AS SHOWN

SHEET NO.



ALGER PROFILE GRADE
NO SCALE



PLAN
SCALE: 1"=30'

NOTES

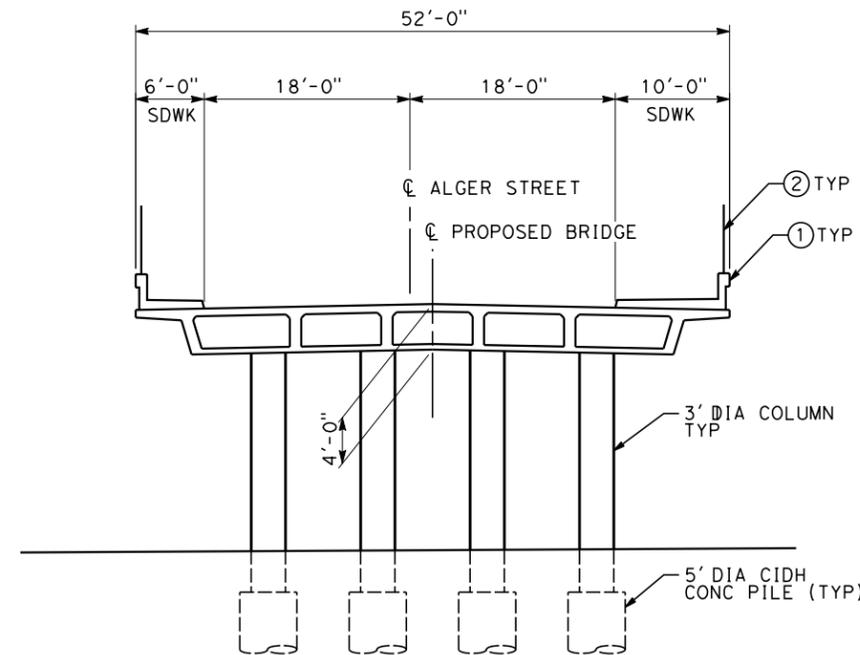
- ① CONCRETE BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB

EXISTING UTILITIES

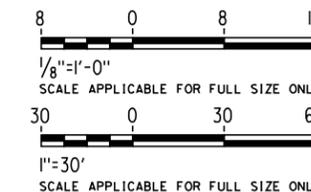
- E ELECTRIC CABLE (OH)
- F FIBER OPTIC
- G GAS
- O OIL
- S SEWER
- D STORM DRAIN
- T TELEPHONE (OH)
- W WATER

LEGEND

➔ INDICATES DIRECTION OF TRAFFIC



TYPICAL SECTION
SCALE: 1/8"=1'-0"



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7/13/2021 11:24:10 AM c:\jip\pwworkdir\jag_garyo\d0150141\k2l-st-k1112.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - ALGER STREET OVERPASS
GENERAL PLAN - SHEET 1 OF 1

CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1112

SCALE
AS SHOWN

SHEET NO.

EXISTING UTILITIES

- E** ELECTRIC CABLE (OH)
- F** FIBER OPTIC
- G** GAS
- O** OIL
- S** SEWER
- D** STORM DRAIN
- T** TELEPHONE (OH)
- W** WATER
- RU** RELOCATE UTIL

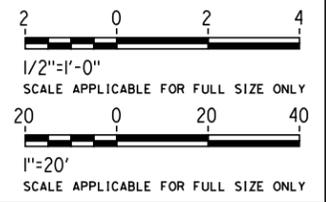
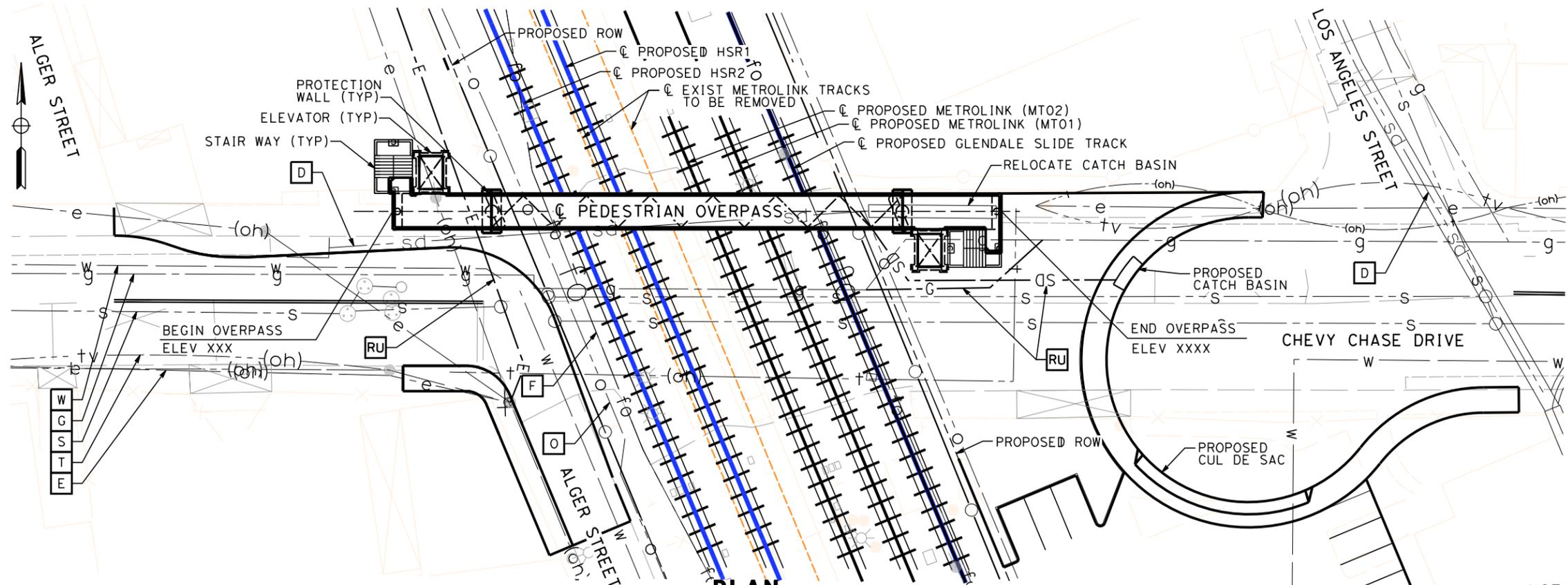
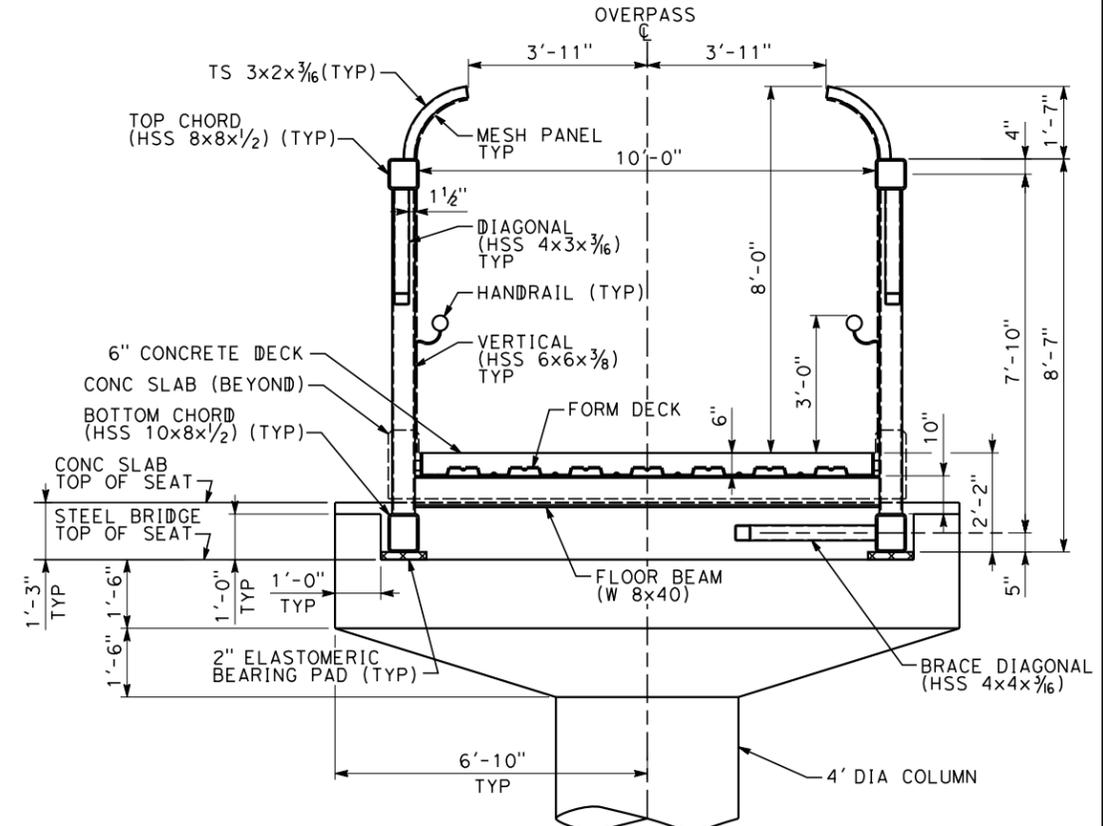
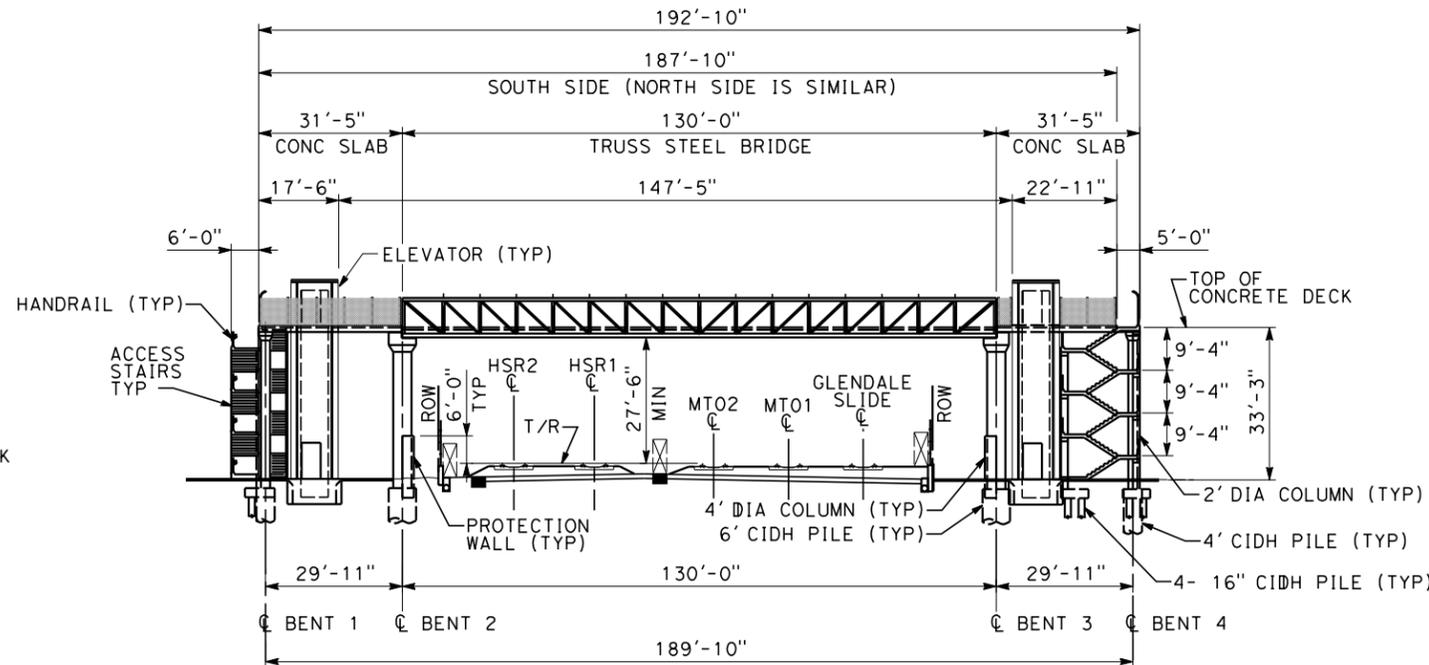
LEGEND

INDICATES METROLINK AND HST TRACKS

NOTE

FOR UTILITY DISPOSITION, SEE UTILITY PLANS.

DATUM ELEV = 410



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:25:13 AM c:\j\p\pwworkdir\jag_garyo\d0150141\k2l-st-k1113.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
M. GOLJI
DRAWN BY
P. ZUCCHI
CHECKED BY
B. DENG
IN CHARGE
C. LEE
DATE
07/15/2021

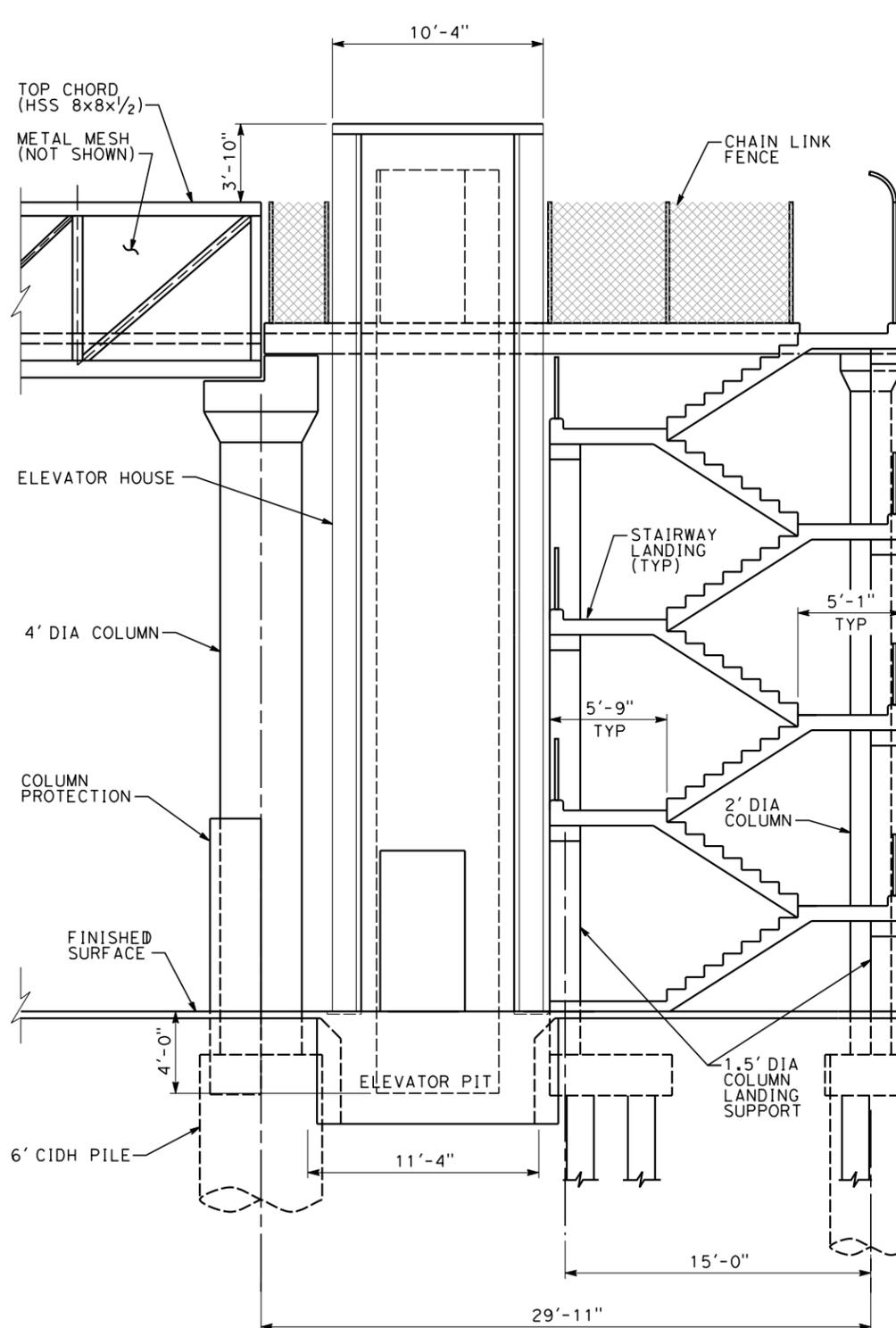
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NOT FOR CONSTRUCTION

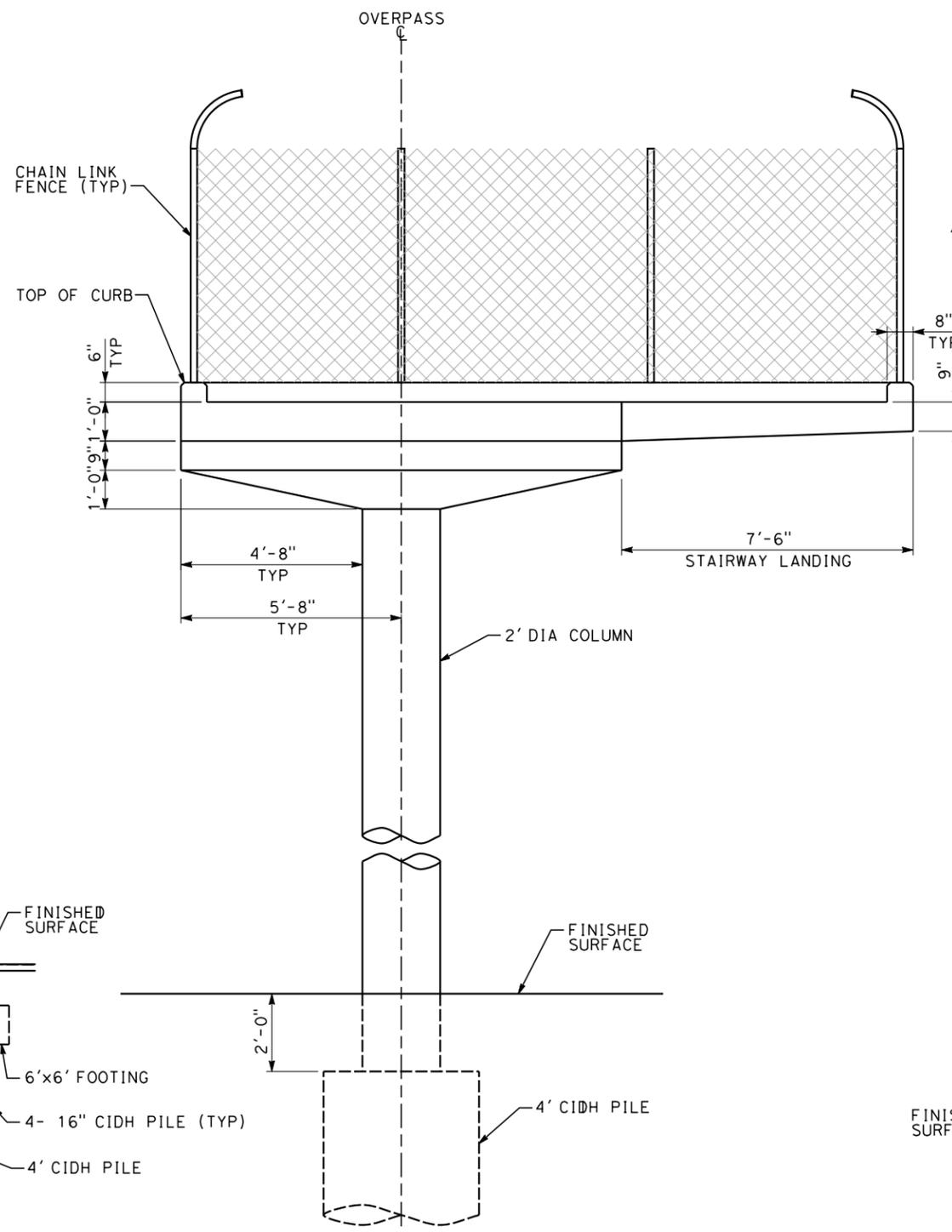


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - CHEVY CHASE DR PED OVERPASS
GENERAL PLAN - SHEET 1 OF 2

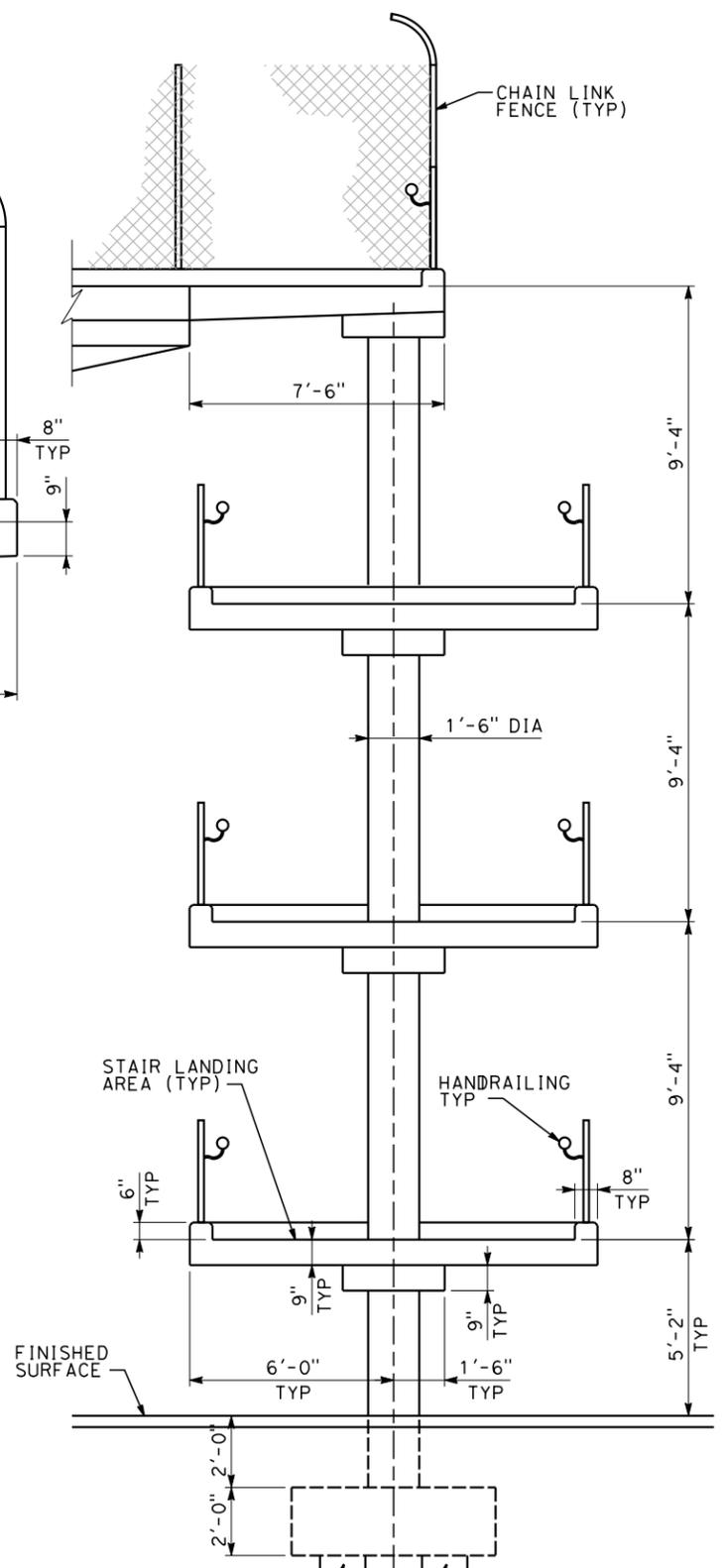
CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1113
SCALE
AS SHOWN
SHEET NO.



TYPICAL ELEVATION
SCALE: 1/4"=1'-0"



BENTS 1 AND 4
TYPICAL SECTION
SCALE: 1/2"=1'-0"



STAIRWAY ELEVATION
SCALE: 3/8"=1'-0"

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:25:26 AM c:\j\p\pwworkdir\jbg_garya\d0150141\k2l-st-k3113.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
M. GOLJI
DRAWN BY
P. ZUCCHI
CHECKED BY
B. DENG
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

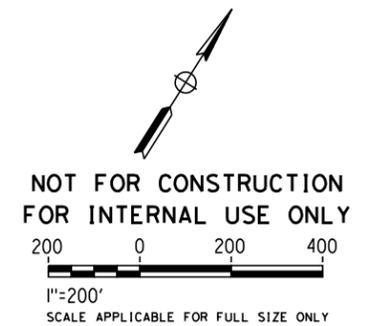
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - CHEVY CHASE DR PED OVERPASS
GENERAL PLAN - SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K3113
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:26:40 AM c:\j\p\pwworkdir\jag_garyo\d0150139\K2L-CV-T0121.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - LOS FELIZ BLVD UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0121
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

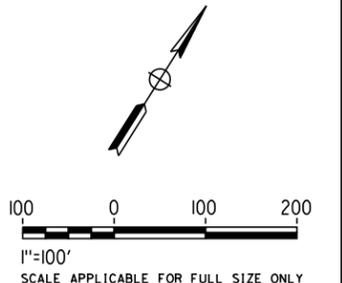
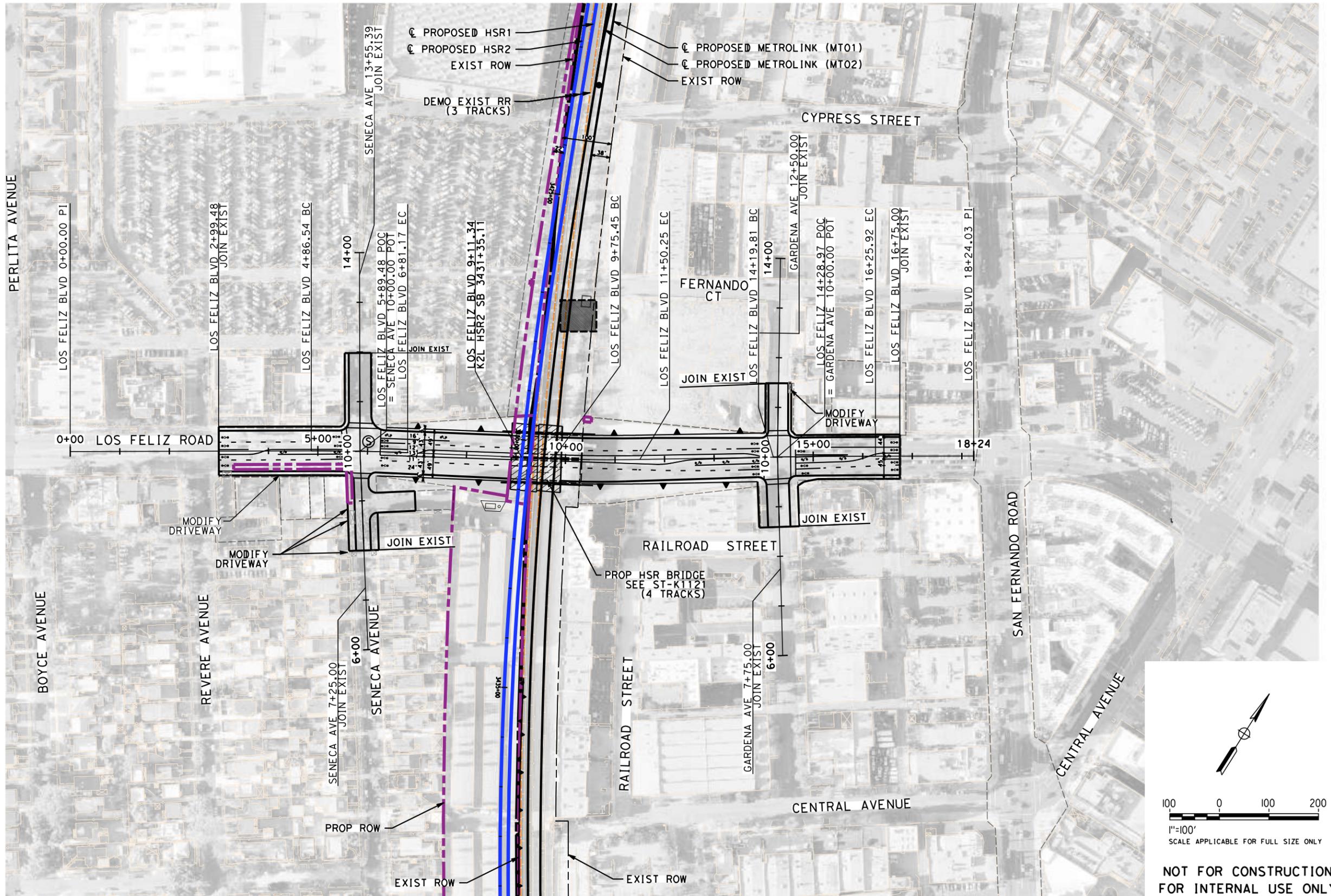
NO	BEARING	DISTANCE
1	N57°29'03"E	486.54'
2	N59°57'44"E	294.27'
3	N56°37'26"E	269.57'
4	N57°36'29"E	198.11'
5	N34°40'21"W	400.00'
6	N32°29'04"W	400.00'
7	N33°52'47"W	400.00'
8	N31°29'32"W	400.00'

CURVE DATA

NO	R	Δ	T	L
①	4500.00'	2°28'42"	97.33'	194.64'
②	3000.00'	3°20'18"	87.42'	174.80'
③	12000.00'	00°59'03"	103.06'	206.11'

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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FOR INTERNAL USE ONLY**

7/13/2021 11:28:18 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2l-cv-T1121.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - LOS FELIZ BLVD UNDERPASS

PLAN

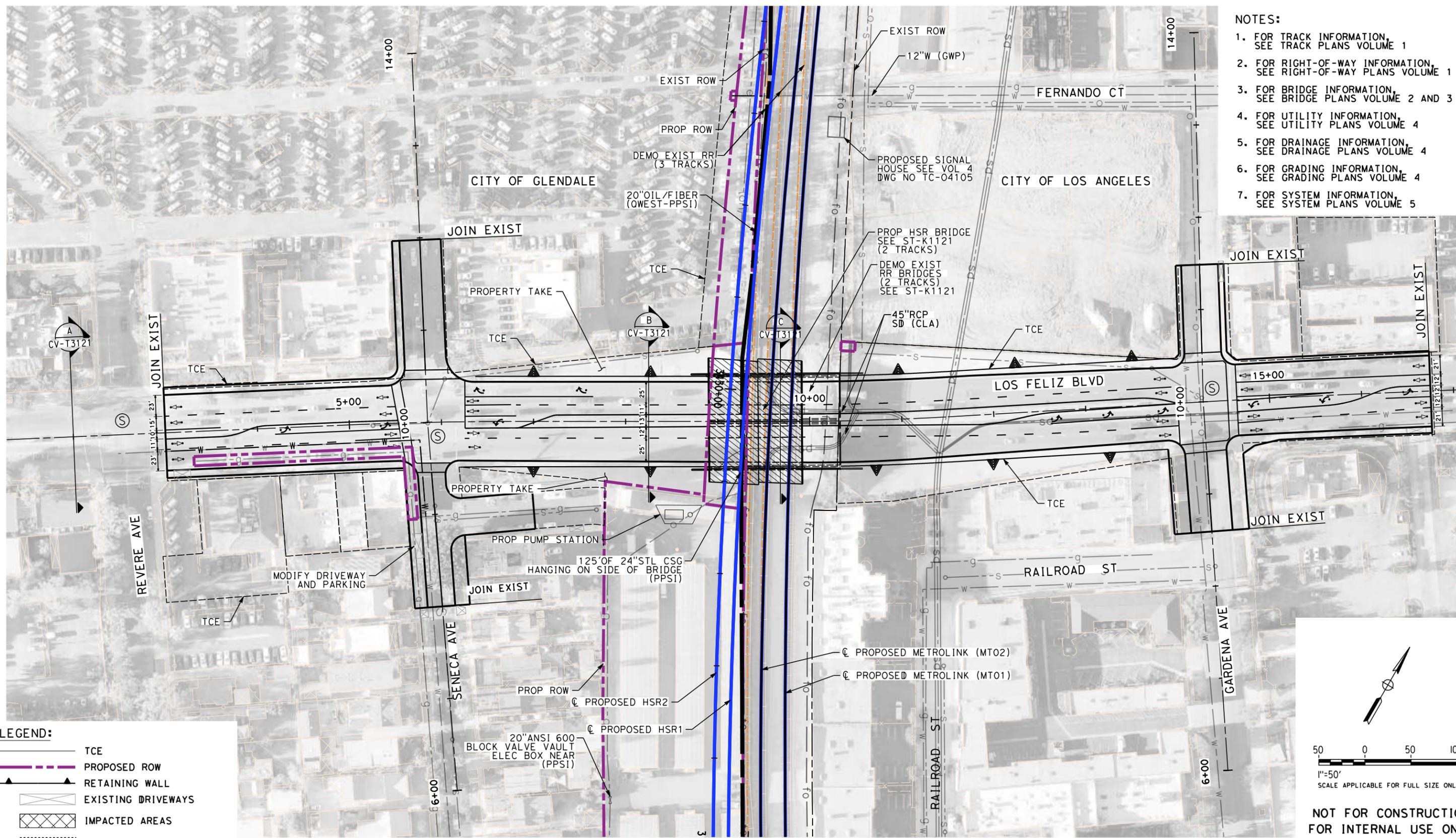
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1121

SCALE
AS SHOWN

SHEET NO.

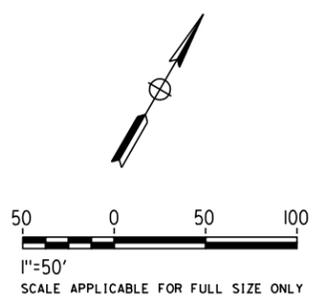
7/13/2021 11:30:05 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2L-CV-T1123.dgn



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LEGEND:

- TCE
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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FOR INTERNAL USE ONLY**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - LOS FELIZ BLVD UNDERPASS
IMPACT PLAN

CONTRACT NO.
HSR14-39

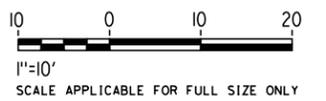
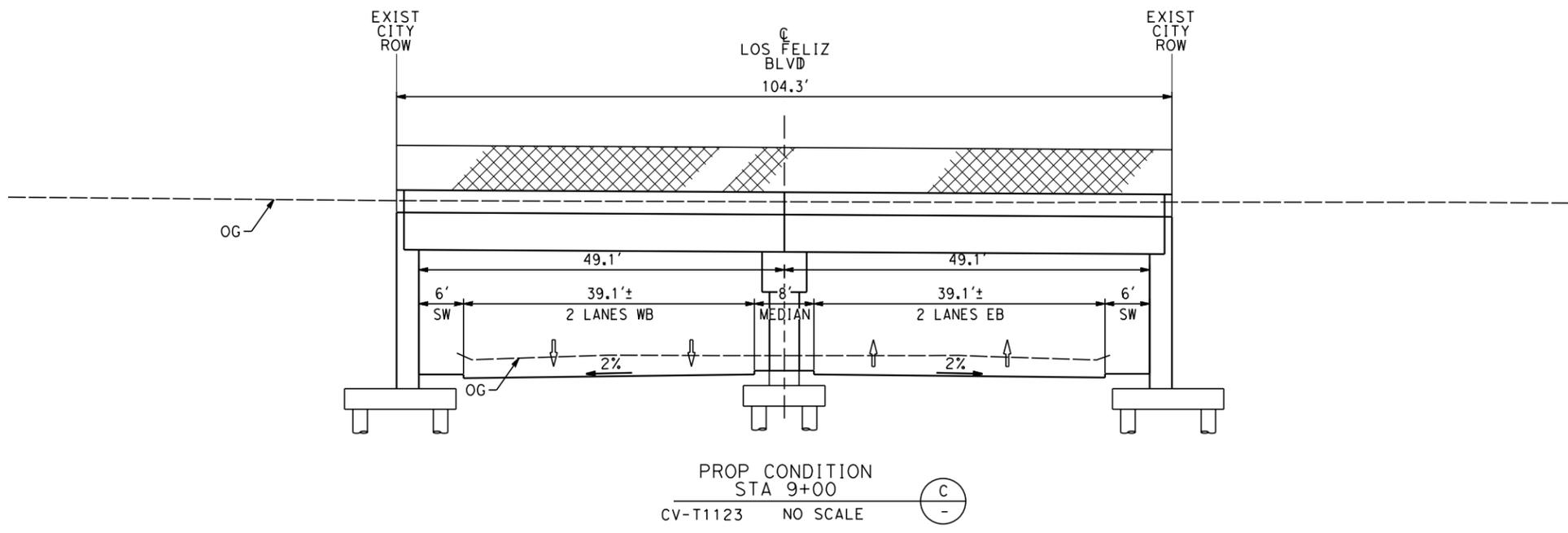
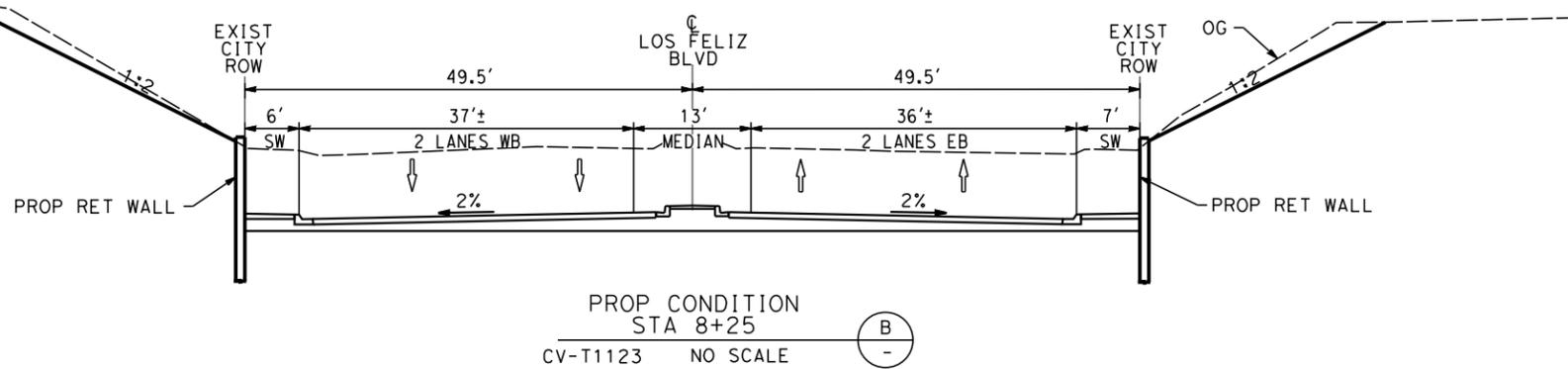
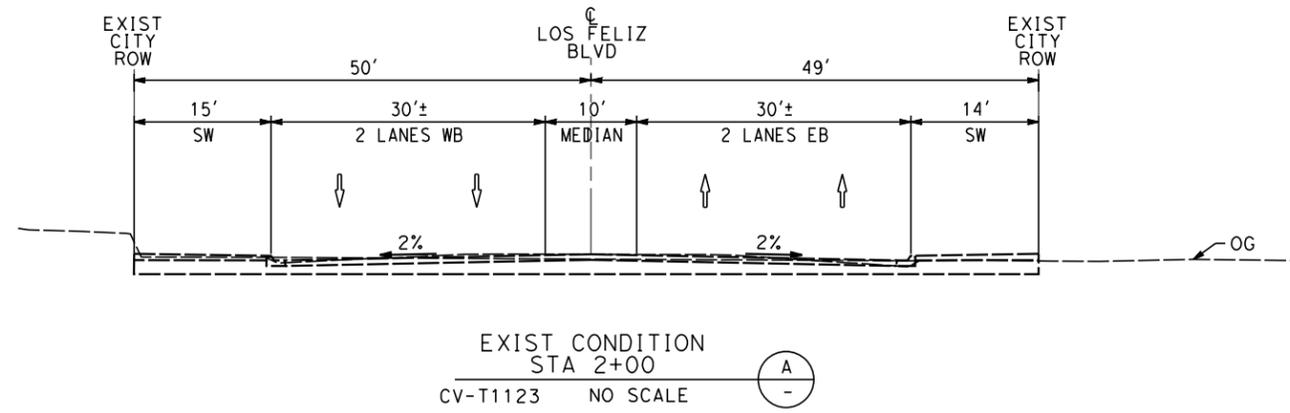
DRAWING NO.
CV-T1123

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:30:33 AM c:\j\p\pwworkdir\j\eg_garyo\d0150139\k2l-cv-t3121.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CORTEZ
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

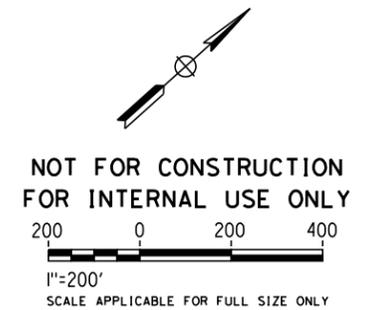
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - LOS FELIZ BLVD UNDERPASS
CROSS-SECTION

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T3121
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:01:33 AM c:\jip\pwworkdir\jag_garyo\d0150139\k2L-CV-T0131.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GLENDALE BLVD UNDERPASS

ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0131

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

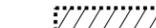
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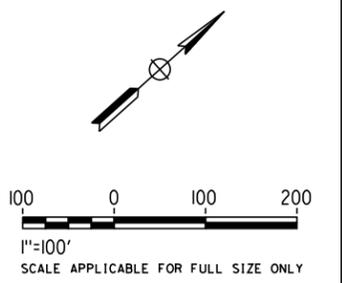
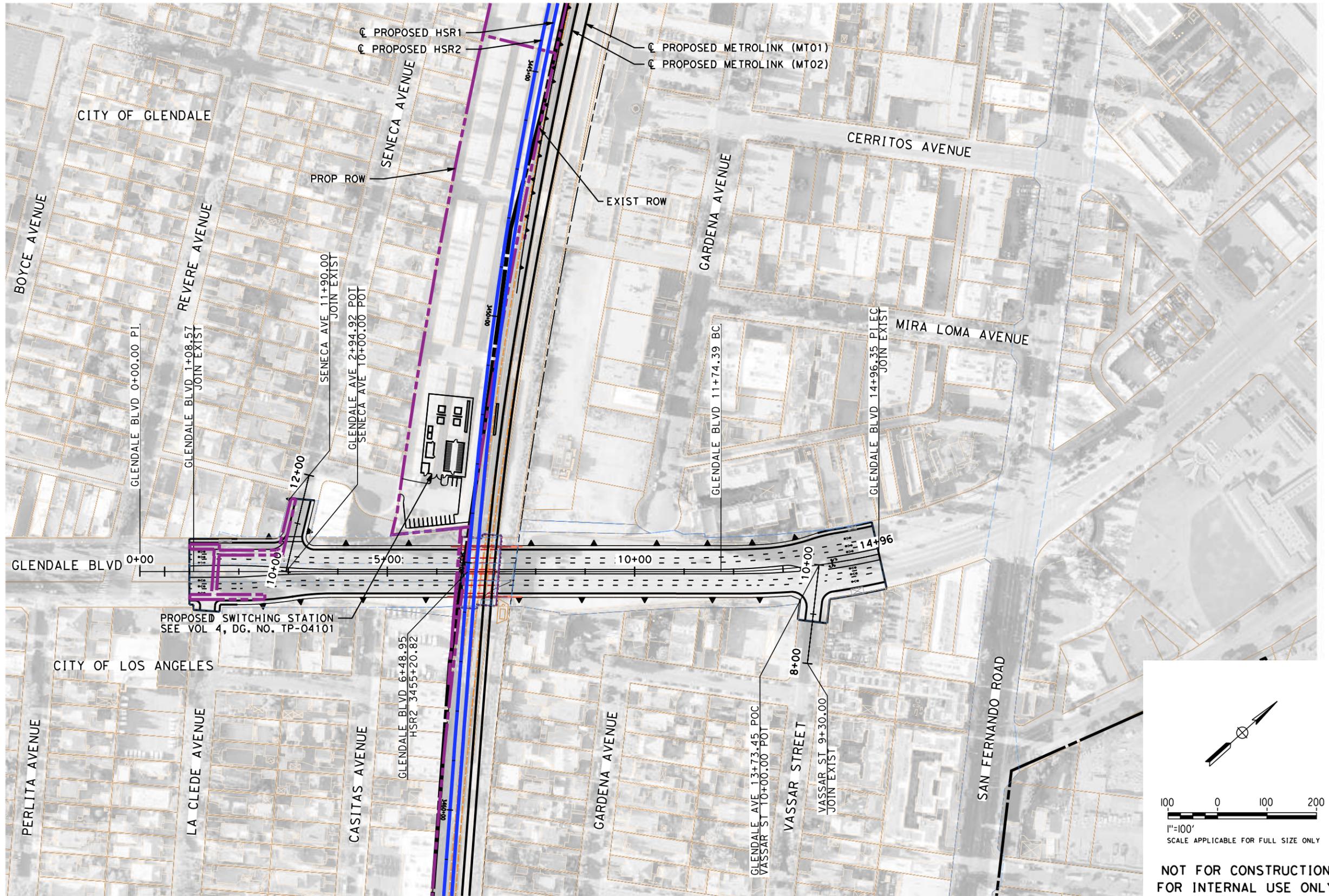
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LINE DATA

NO	BEARING	DISTANCE
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2	N34°31'48"W	200.00'
3	N41°21'35"W	200.00'

LEGEND:

-  PROPOSED ROW
-  RETAINING WALL
-  EXISTING DRIVEWAYS
-  IMPACTED AREAS
-  PROPOSED STRUCTURE



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FOR INTERNAL USE ONLY**

7/15/2021 2:49:34 PM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1131.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



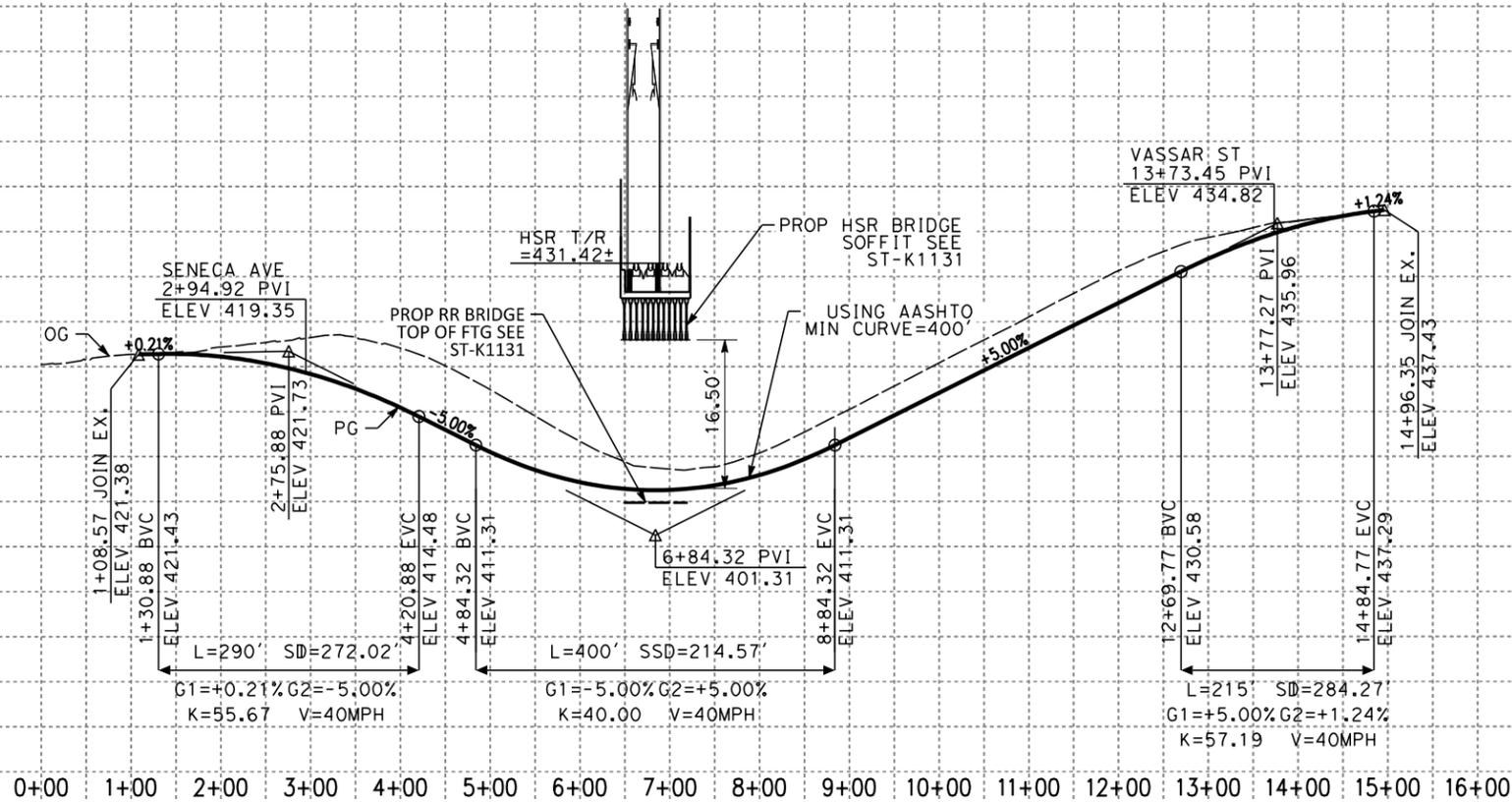
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - GLENDALE BLVD UNDERPASS
PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1131
SCALE
AS SHOWN
SHEET NO.

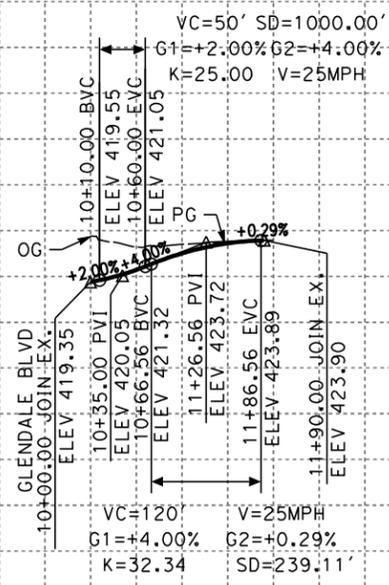
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

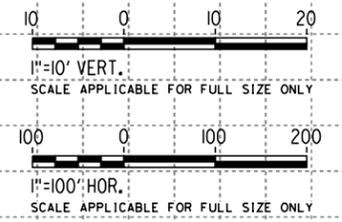
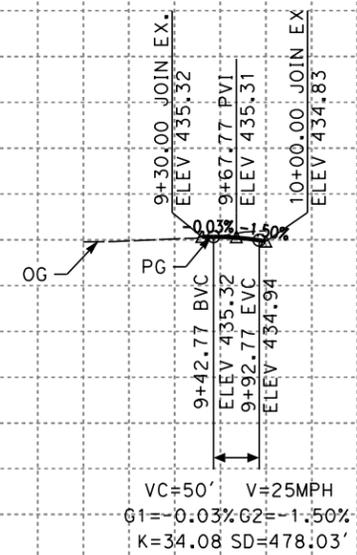
PROFILE
GLENDALE AVE UNDERPASS
 POSTED SPEED 35 MPH



PROFILE
SENECA AVE
 POSTED SPEED 25 MPH



PROFILE
VASSAR ST
 POSTED SPEED 25 MPH



NOT FOR CONSTRUCTION
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STATION	8+00	9+00	10+00	11+00	12+00	13+00	14+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	TOTAL
Exc															
Emb															

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
 DRAWN BY
A. CORTEZ
 CHECKED BY
R. YU
 IN CHARGE
C. LEE
 DATE
07/15/2021

PEPD RECORD SET
NOT FOR CONSTRUCTION

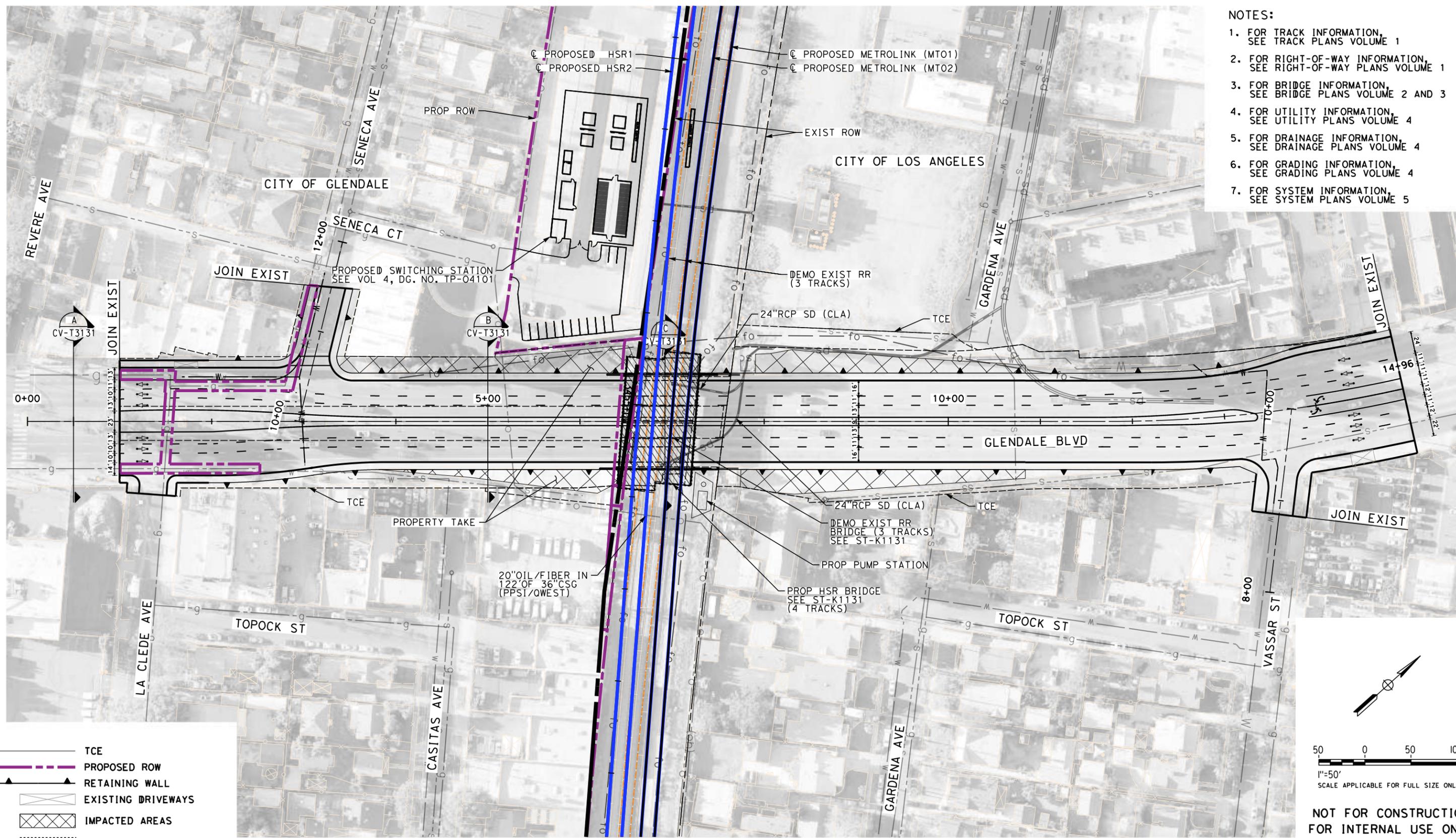


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
 OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
 PEPD
 GRADE SEPARATION - GLENDALE BLVD UNDERPASS
 PROFILE

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-T1132
 SCALE
 AS SHOWN
 SHEET NO.

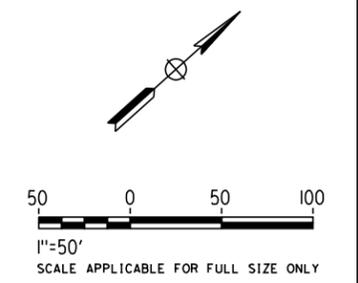
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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

	TCE
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:05:24 AM c:\j\j\work\dir\jag_garyo\d0150139\K2L-CV-T1133.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



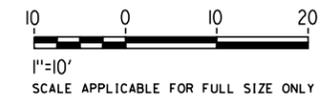
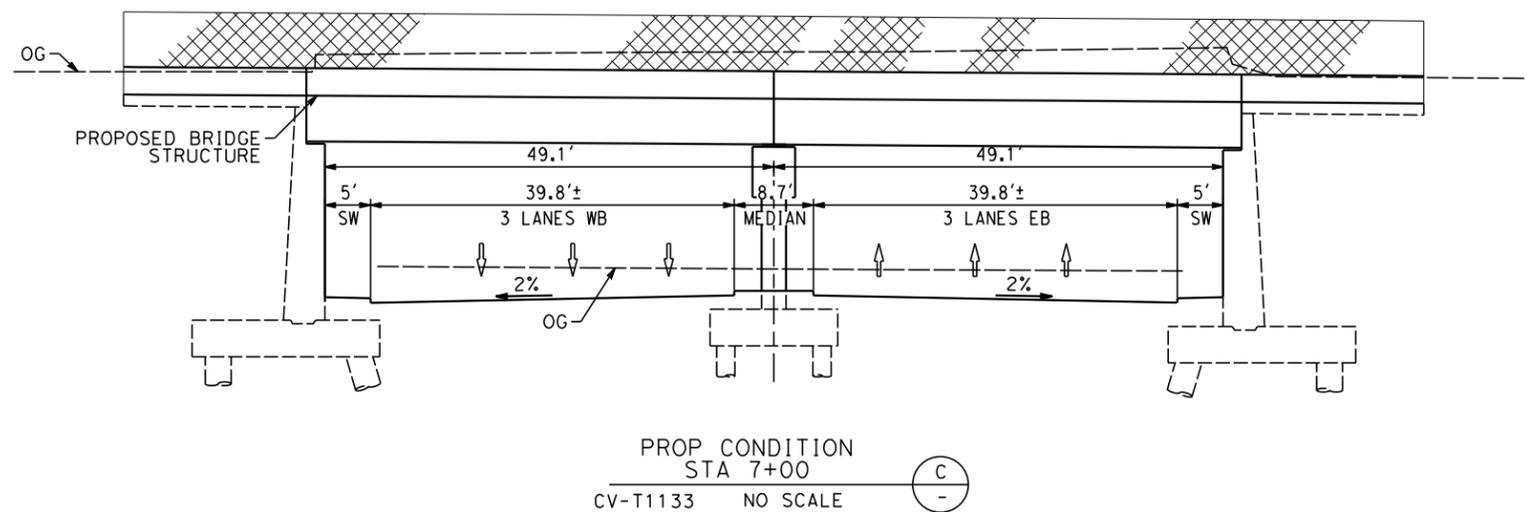
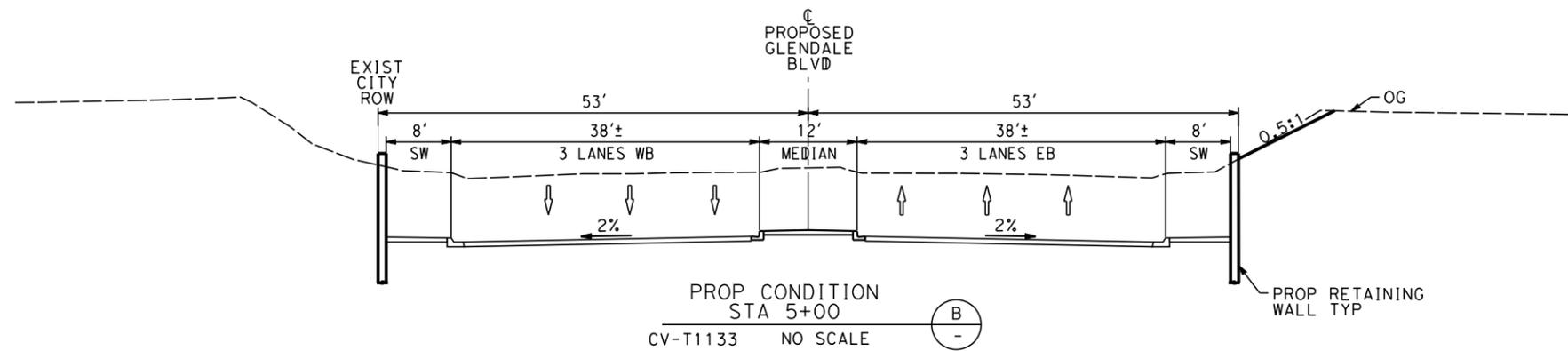
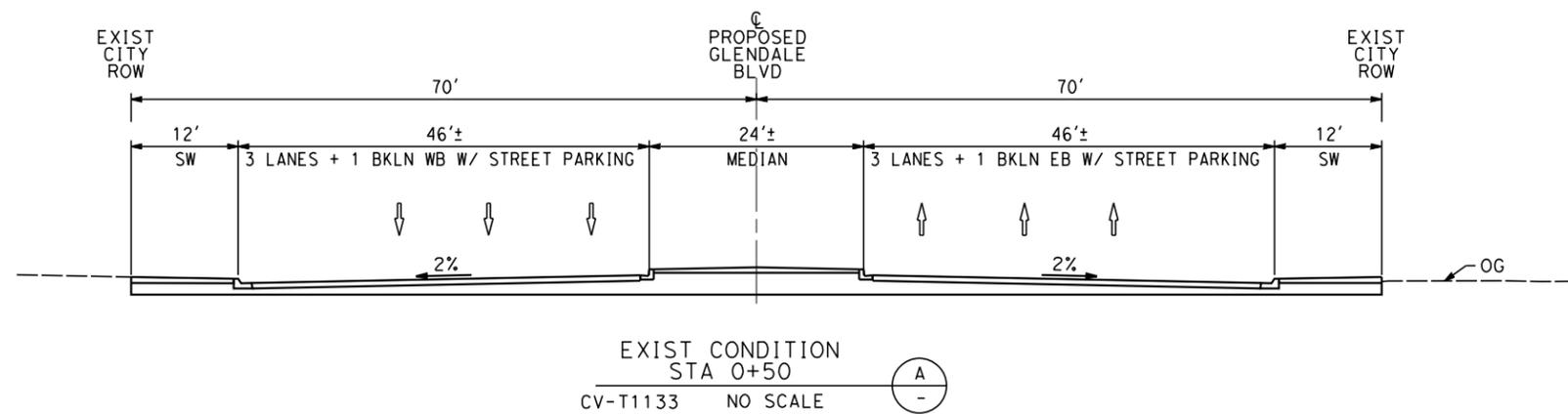
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - GLENDALE BLVD UNDERPASS
IMPACT PLAN

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1133
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:06:09 AM c:\jip\pwworkdir\jag_garya\d0150139\k2L-CV-T3131.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE

DATE

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - GLENDALE BLVD UNDERPASS

CROSS-SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3131

SCALE
AS SHOWN

SHEET NO.

CONSTRUCTION STAGING NOTES:

- 1 DEMOLISH 15' OF SOUTHERN PORTION OF THE EXISTING BRIDGE AND CONSTRUCT THE NEW SEGMENT WITH ONE TRACK FOR METROLINK TEMPORARY OPERATION.
- 2 DEMOLISH 28' OF THE SEGMENT OF EXISTING BRIDGE AND CONSTRUCT THE NEW SEGMENT FOR SECOND METROLINK TRACK TEMPORARY OPERATION.
- 3 DEMOLISH REMAINING EXISTING BRIDGE AND COMPLETE THE NEW BRIDGE FOR THE HSR AND METROLINK OPERATIONS.

NOTES

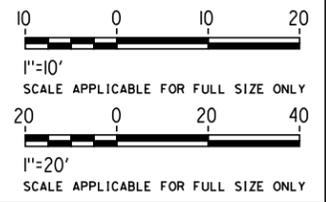
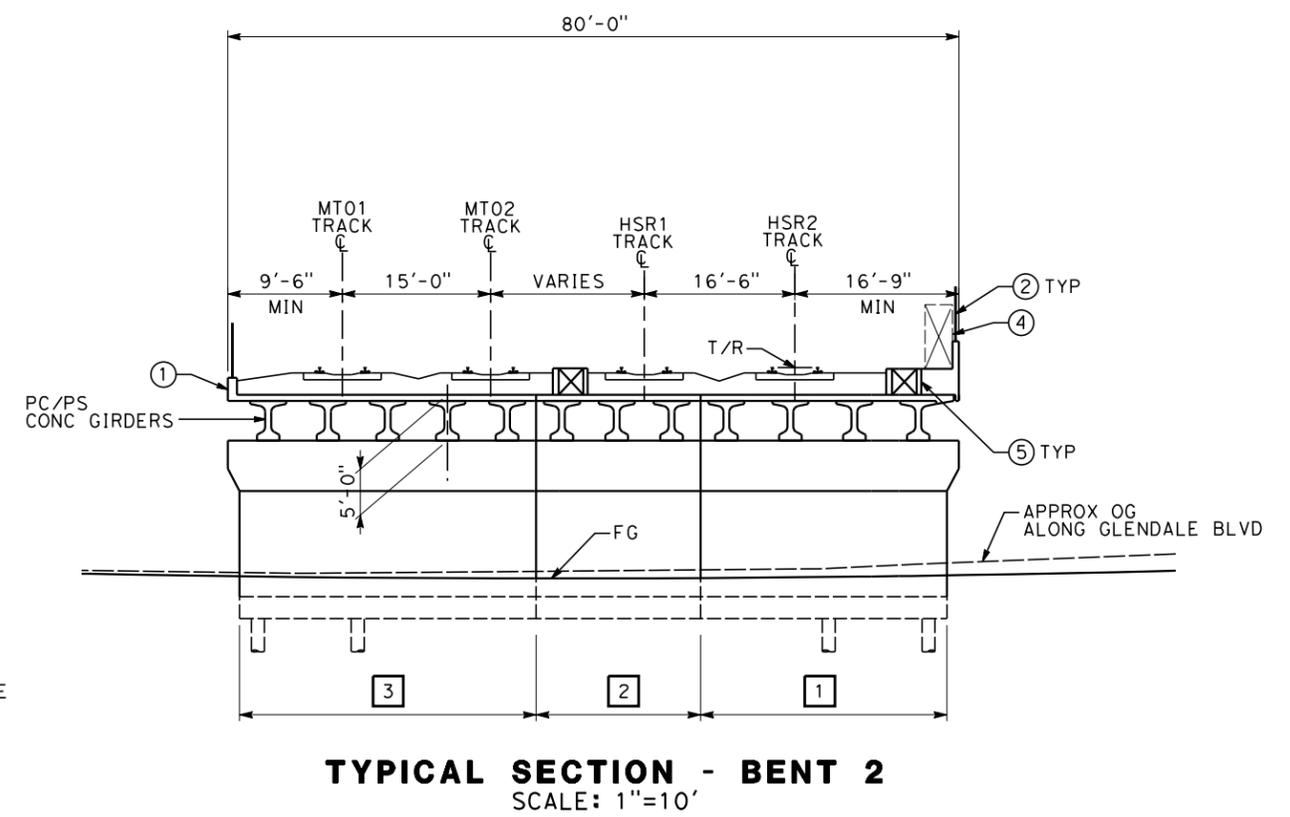
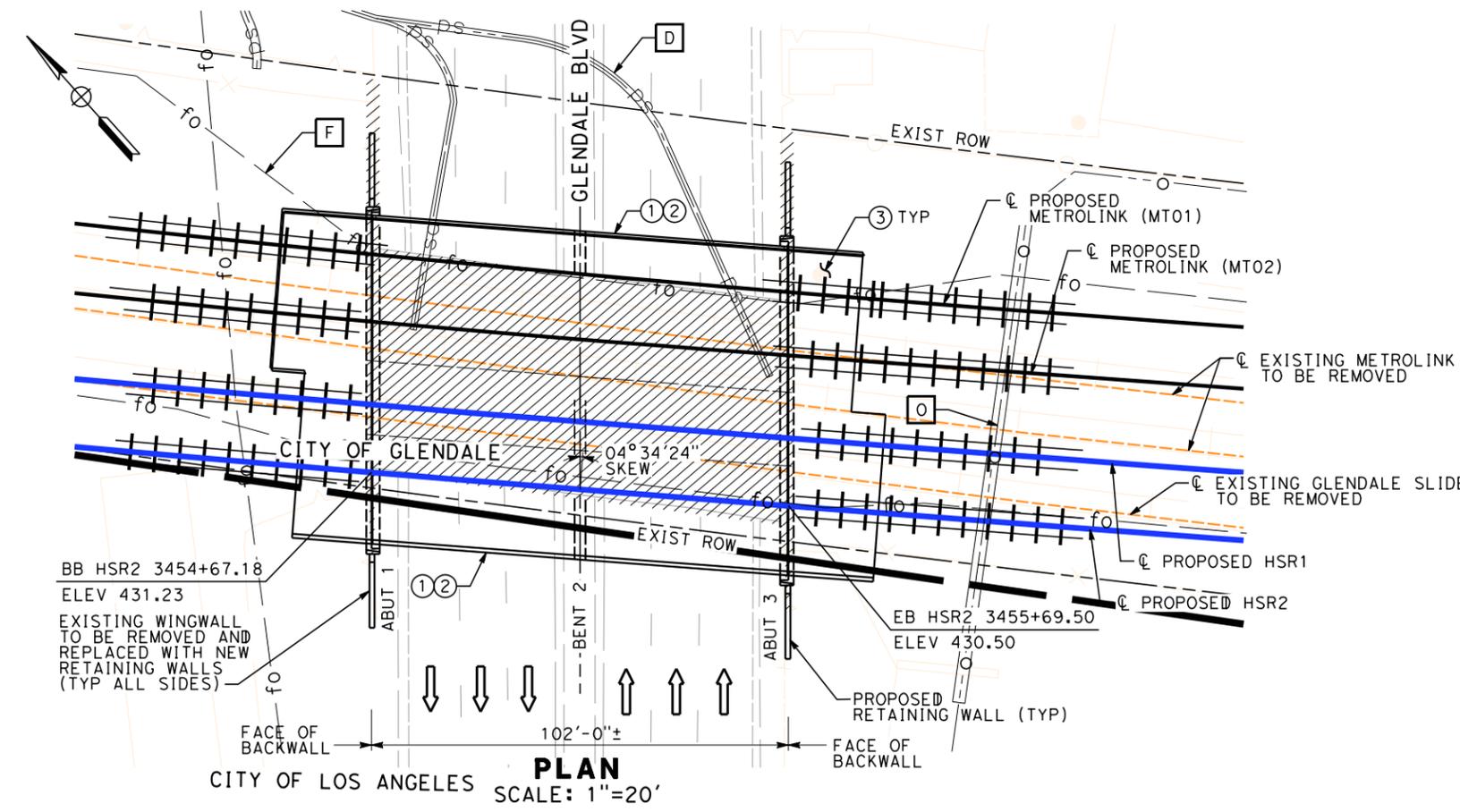
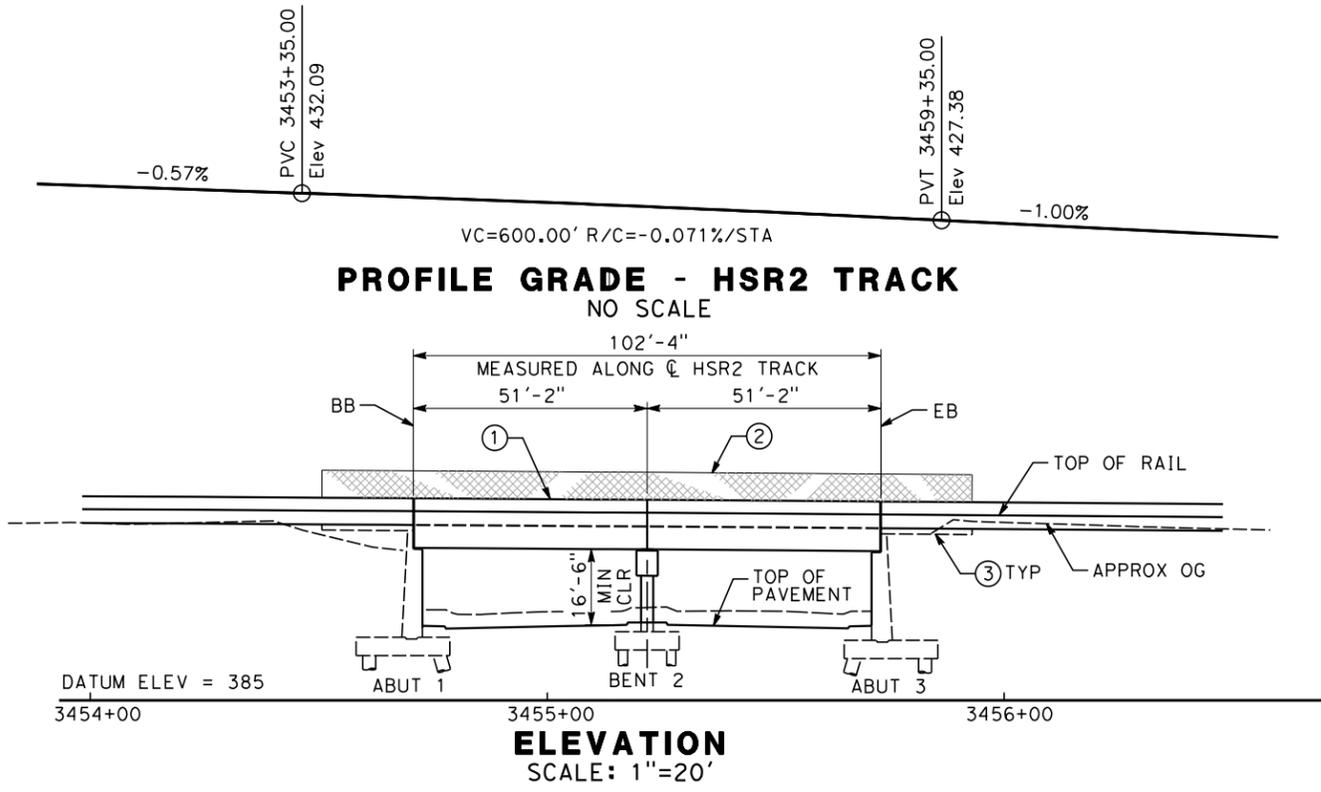
- 1 CONCRETE BARRIER
- 2 CHAIN LINK RAILING
- 3 STRUCTURE APPROACH SLAB
- 4 WALKWAY (3'-0" WIDE)
- 5 CABLE DUCT

EXISTING UTILITIES

- F FIBER OPTIC (RELOCATE)
- O OIL PIPE
- D STORM DRAIN (RELOCATE)

LEGEND

- ➔ INDICATES DIRECTION OF TRAFFIC
- ▤▤▤▤ INDICATES PROPOSED METROLINK AND HST TRACKS
- ▨▨▨▨ INDICATES EXISTING BRIDGE TO BE REMOVED



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

7/13/2021 11:06:53 AM c:\j\p\pwworkdir\j\g_garyo\d0150141\K2L-ST-K1131.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

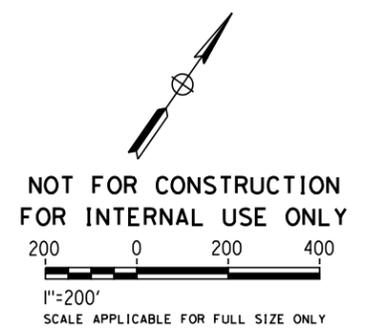
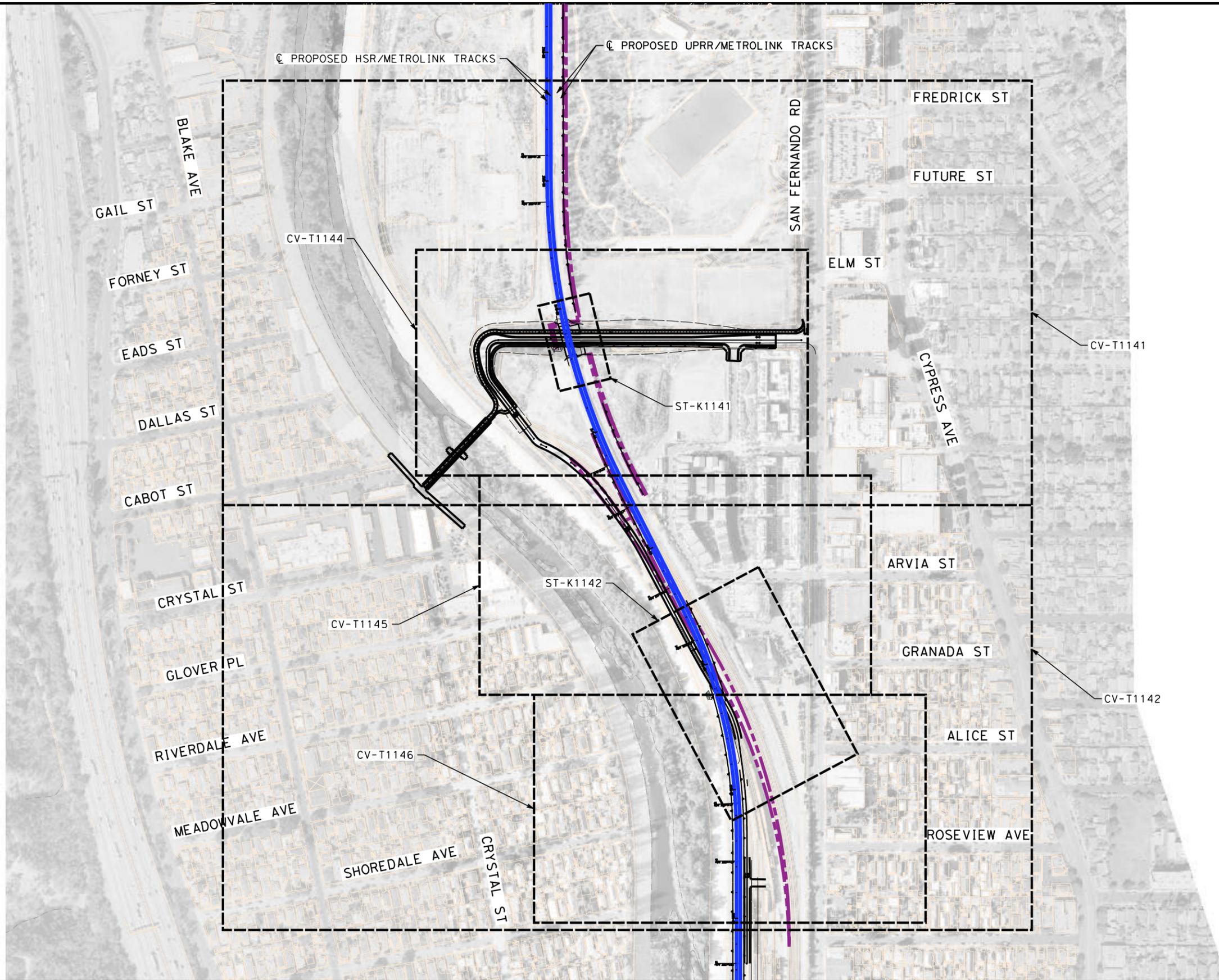
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - GLENDALE BLVD UNDERPASS
GENERAL PLAN SHEET 1 OF 1

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1131
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:07:49 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0141.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
N. BOWMAN
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - KERR ROAD (CMF ACCESS) UNDERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T0141
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

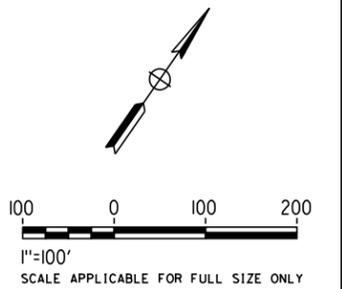
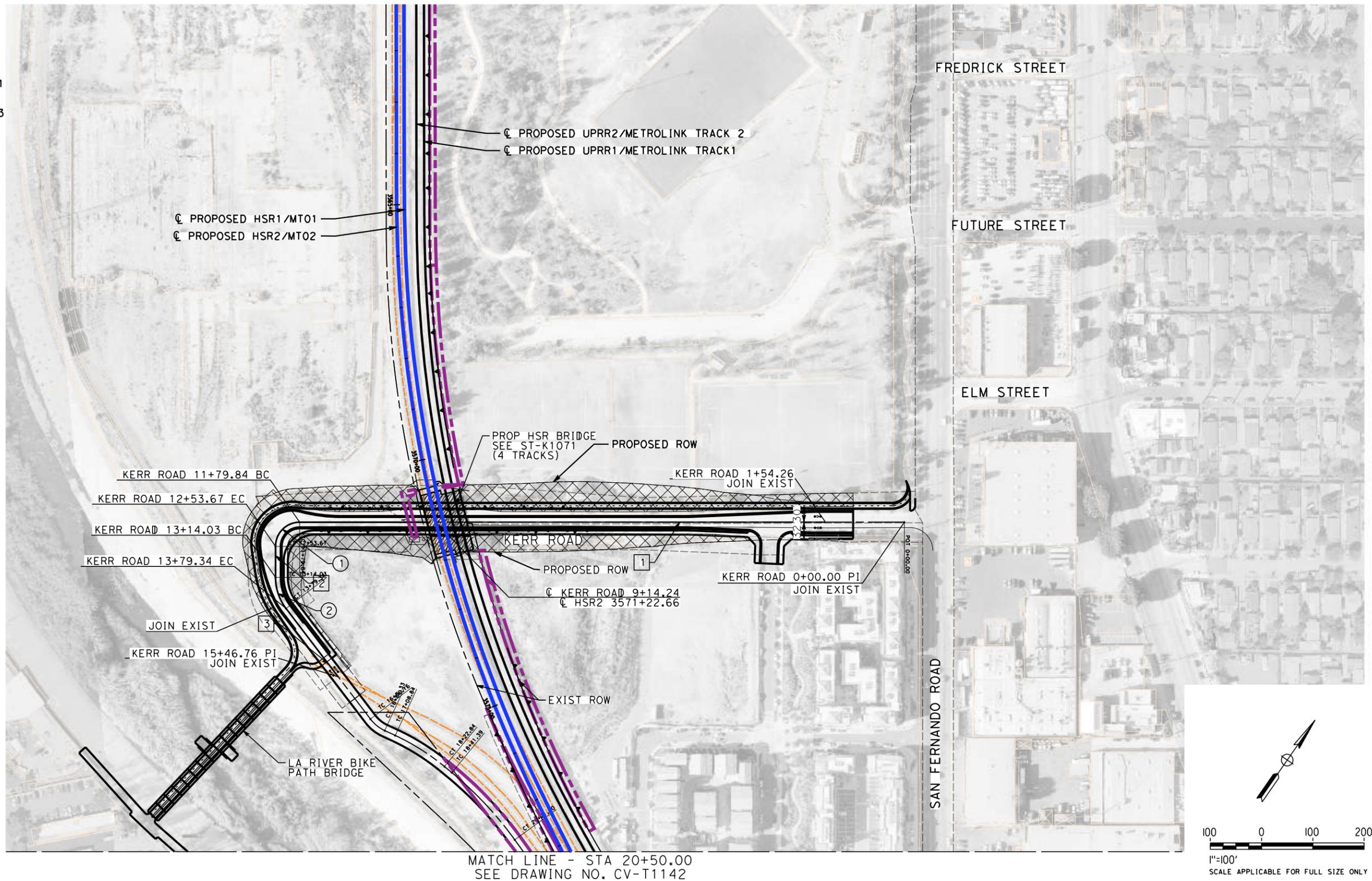
NO	BEARING	DISTANCE
1	S55°10'38"W	1179.84'
2	S34°49'34"E	60.36'
3	S70°39'57"E	120.13'
4	S62°48'96"E	397.24'
5	S34°48'06"E	566.07'

CURVE DATA

NO	R	Δ	T	L
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②	100.00'	37°25'15"	33.87'	65.31'
③	1100.00'	07°50'58"	75.47'	150.70'
④	2600.00'	02°51'59"	65.05'	130.08'
⑤	1100.00'	30°52'52"	303.83'	592.88'

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

7/13/2021 11:09:28 AM c:\j\p\pwworkdir\jag_garyo\d0150139\K2L-CV-T1141.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - KERR ROAD (CMF ACCESS) UNDERPASS
PLAN SHEET 1 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1141
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

NO	BEARING	DISTANCE
1	S55°10'38"W	1179.84'
2	S34°49'34"E	60.36'
3	S70°39'57"E	120.13'
4	S62°48'96"E	397.24'
5	S34°48'06"E	566.07'

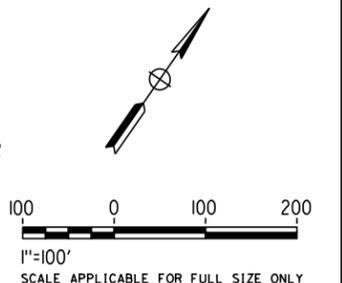
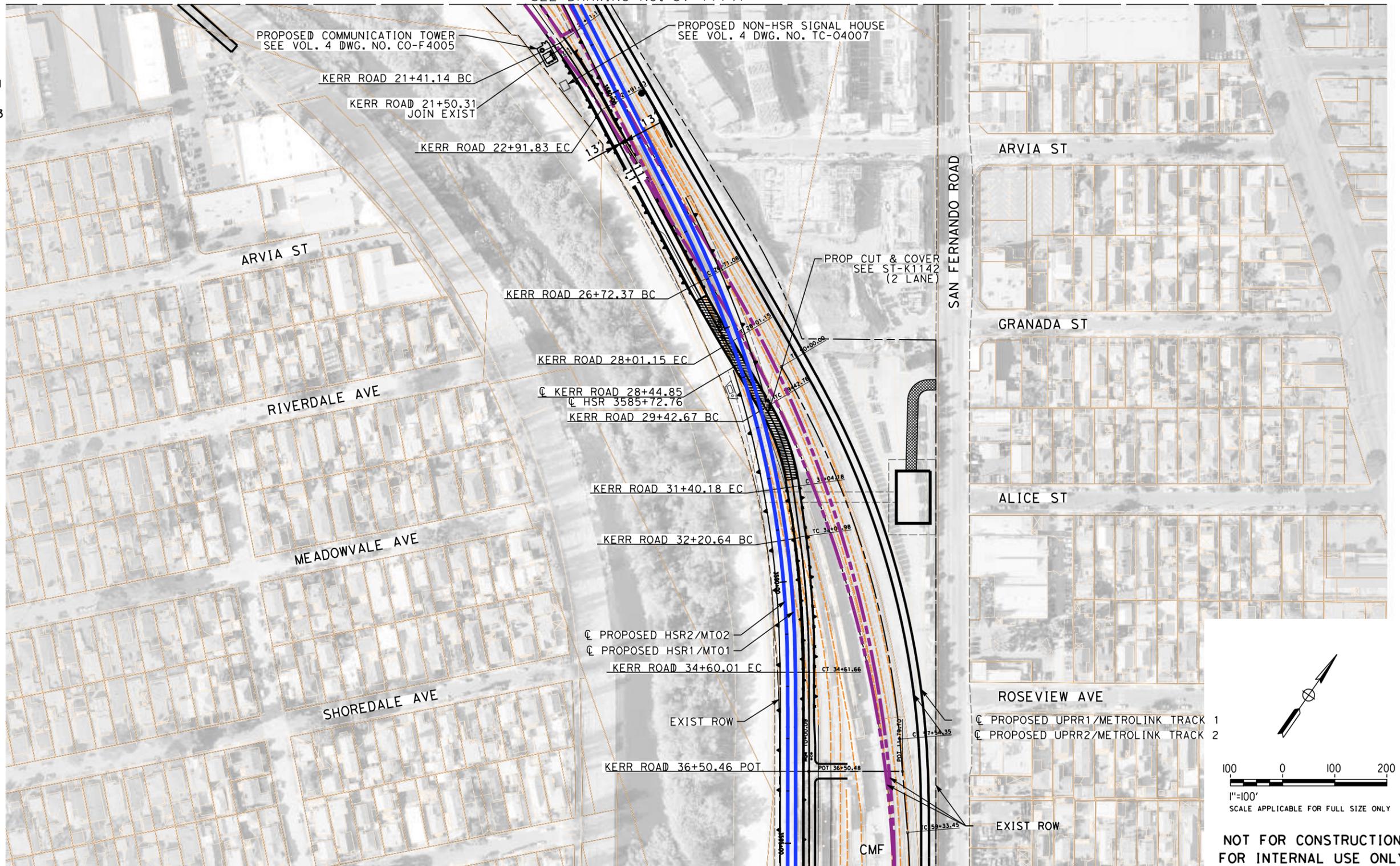
CURVE DATA

NO	R	Δ	T	L
①	47.00'	90°00'11"	47.00'	73.83'
②	100.00'	37°25'15"	33.87'	65.31'
③	1100.00'	07°50'58"	75.47'	150.70'
④	2600.00'	02°51'59"	65.05'	130.08'
⑤	1100.00'	30°52'52"	303.83'	592.88'

LEGEND:

-  PROPOSED ROW
-  RETAINING WALL
-  EXISTING DRIVEWAYS
-  IMPACTED AREAS
-  PROPOSED STRUCTURE

MATCH LINE - STA 20+50.00
SEE DRAWING NO. CV-T1141



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7/13/2021 11:11:02 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2l-cv-T1142.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - CMF ACCESS UNDERPASS

PLAN SHEET 2 OF 2

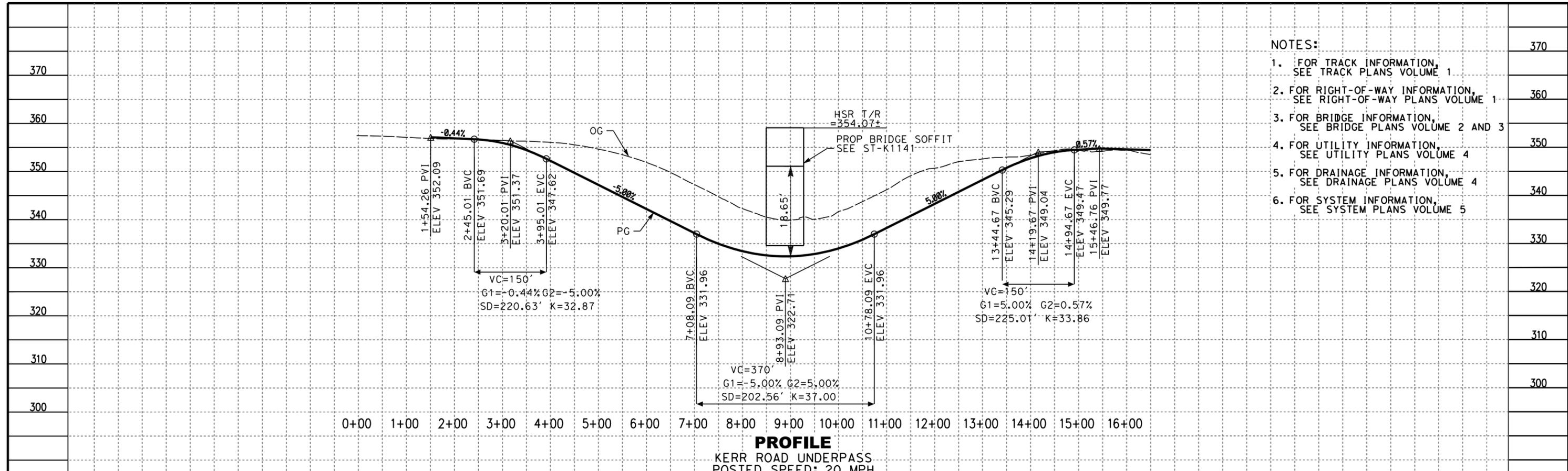
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1142

SCALE
AS SHOWN

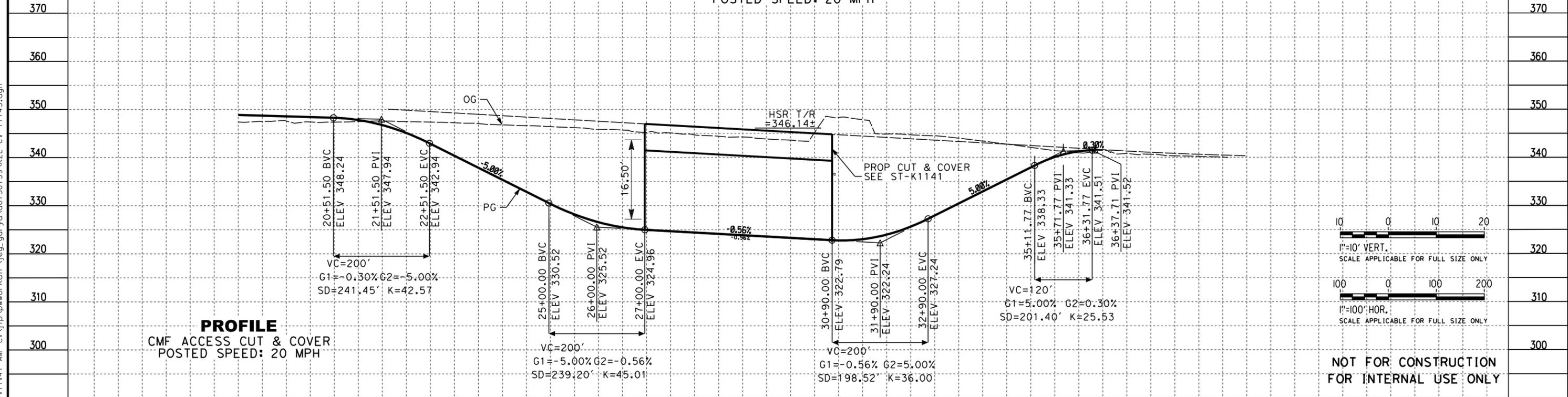
SHEET NO.

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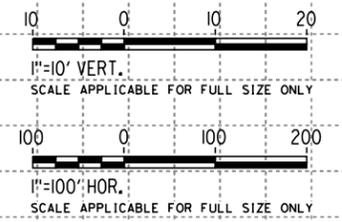


PROFILE
KERR ROAD UNDERPASS
POSTED SPEED: 20 MPH

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



PROFILE
CMF ACCESS CUT & COVER
POSTED SPEED: 20 MPH



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

STATION	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	TOTAL	
Exc																					
Emb																					

DESIGNED BY C. LEE	<p>PEPD RECORD SET</p> <p>NOT FOR CONSTRUCTION</p>			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT BURBANK TO LOS ANGELES</p> <p>OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD</p> <p>PEPD</p> <p>GRADE SEPARATION - KERR ROAD/CMF ACCESS UNDERPASS</p> <p>PROFILE</p>	<p>CONTRACT NO. HSR14-39</p> <p>DRAWING NO. CV-T1143</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
DRAWN BY A. CORTEZ					
CHECKED BY R. YU					
IN CHARGE C. LEE					
DATE 07/15/2021					
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - KERR ROAD/CMF ACCESS UNDERPASS

PROFILE

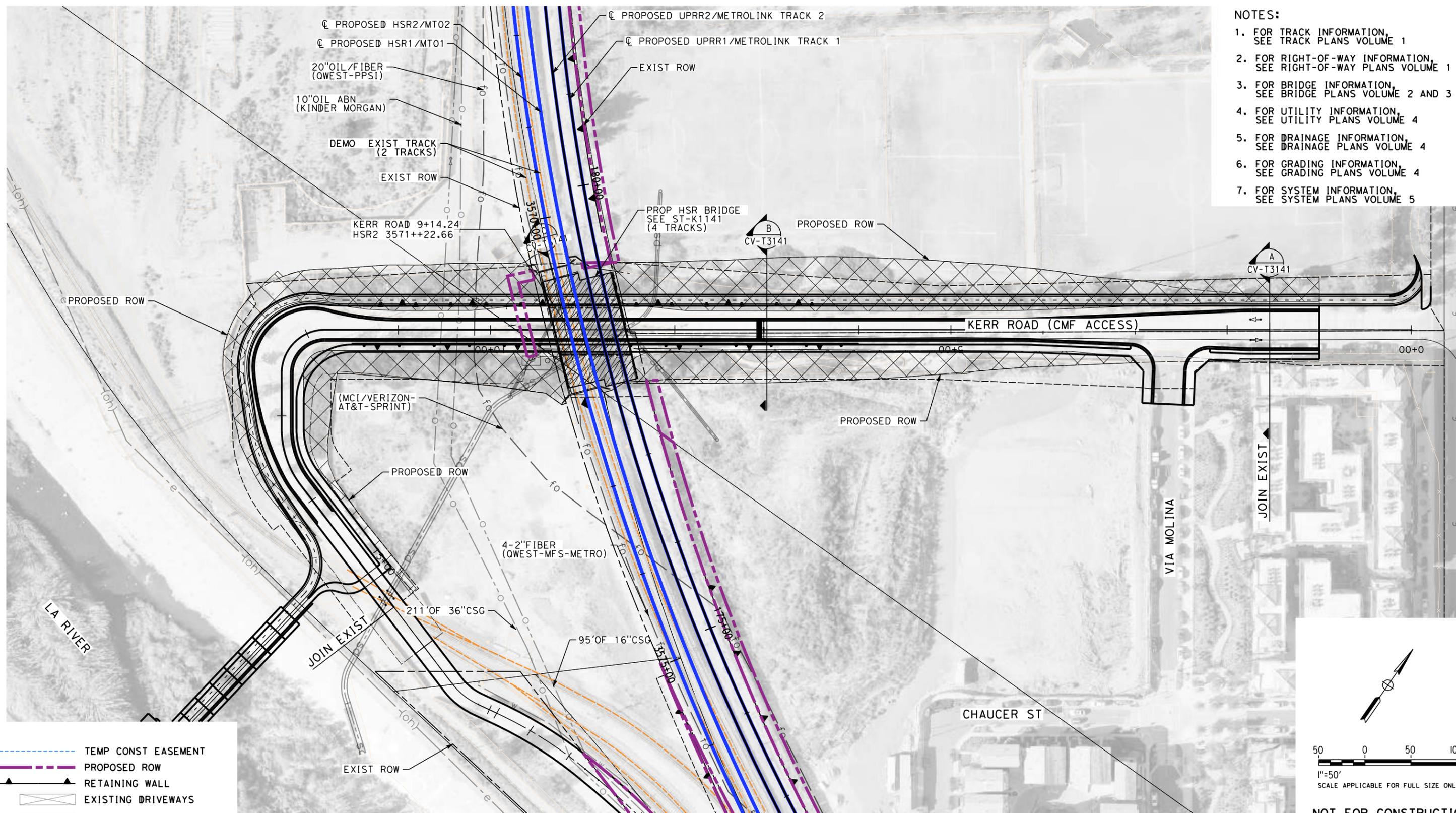
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1143

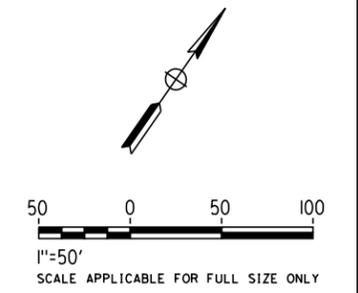
SCALE
AS SHOWN

SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



MATCH LINE: STA 19+00
SEE DRAWING NO. CV-T1145



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FOR INTERNAL USE ONLY**

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE

7/13/2021 11:12:57 AM c:\j\j\work\dir\j\eg_garyo\d0150139\K2L-CV-T1144.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - KERR ROAD (CMF ACCESS) UNDERPASS

IMPACT PLAN SHEET 1 OF 3

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1144

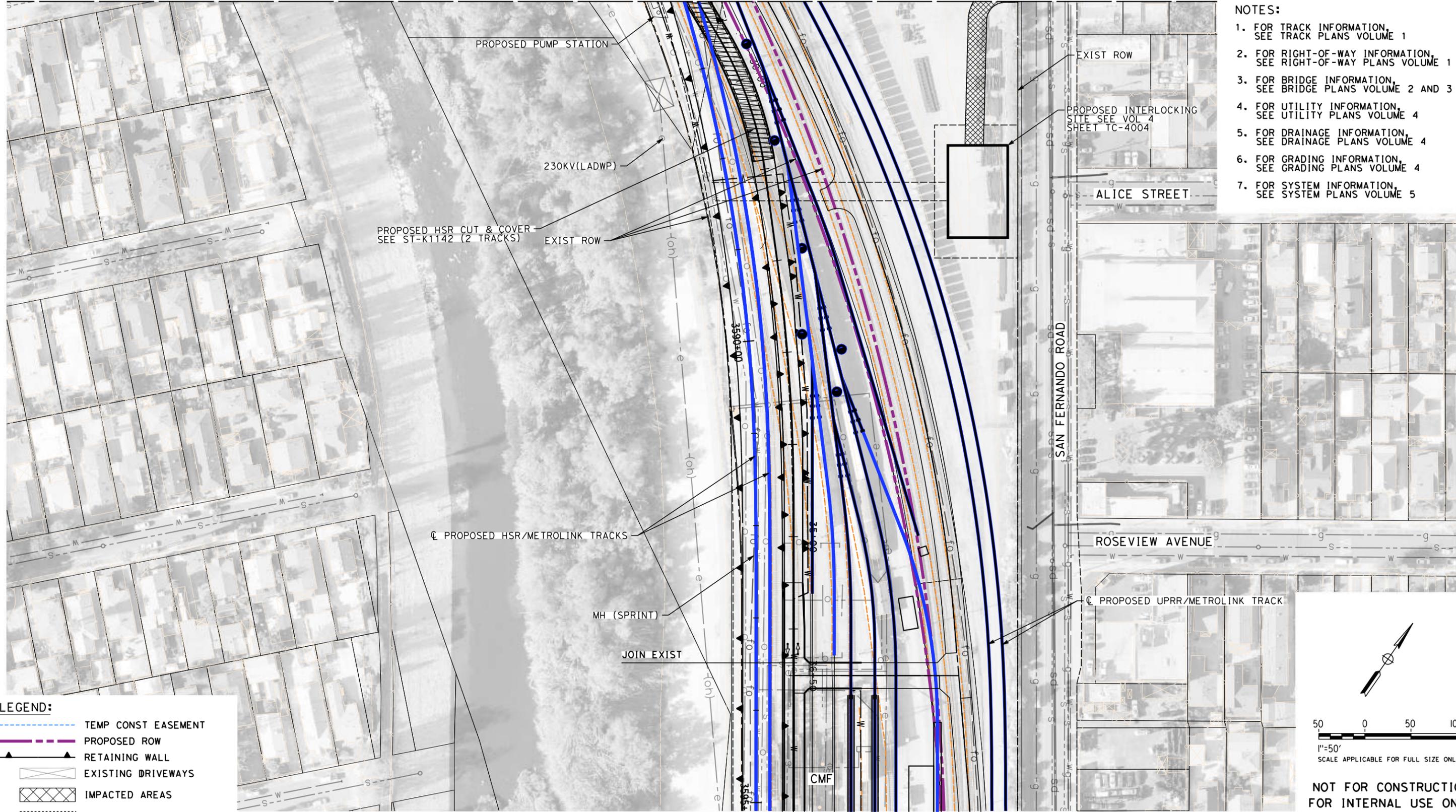
SCALE
AS SHOWN

SHEET NO.

MATCH LINE: STA 29+00.00
SEE DRAWING NO. CV-T1075

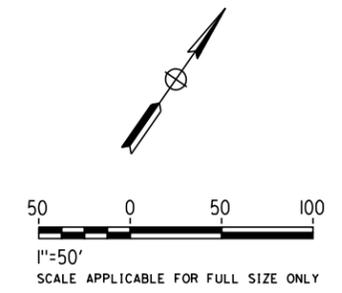
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



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8/26/2021 8:16:10 PM c:\j\p\pwworkdir\jag_garyo\d0150139\K2L-CV-T1146.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
08/27/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - CMF ACCESS UNDERPASS
IMPACT PLAN SHEET 3 OF 3

CONTRACT NO.
HSR14-39

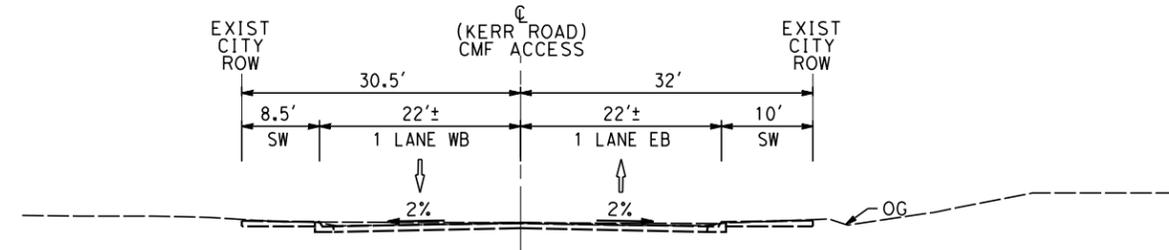
DRAWING NO.
CV-T1146

SCALE
AS SHOWN

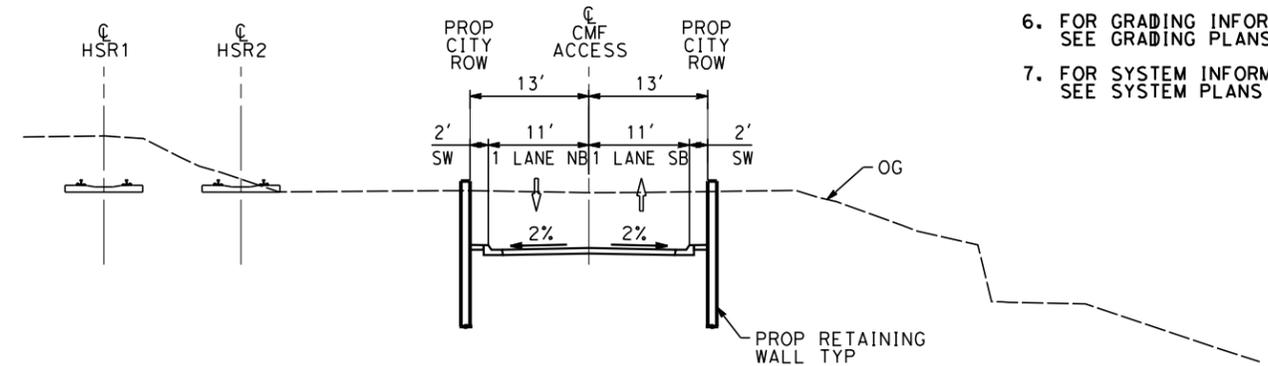
SHEET NO.

NOTES:

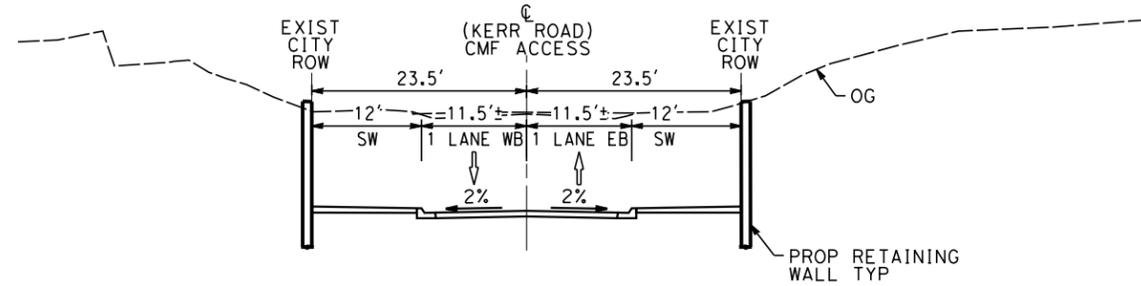
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



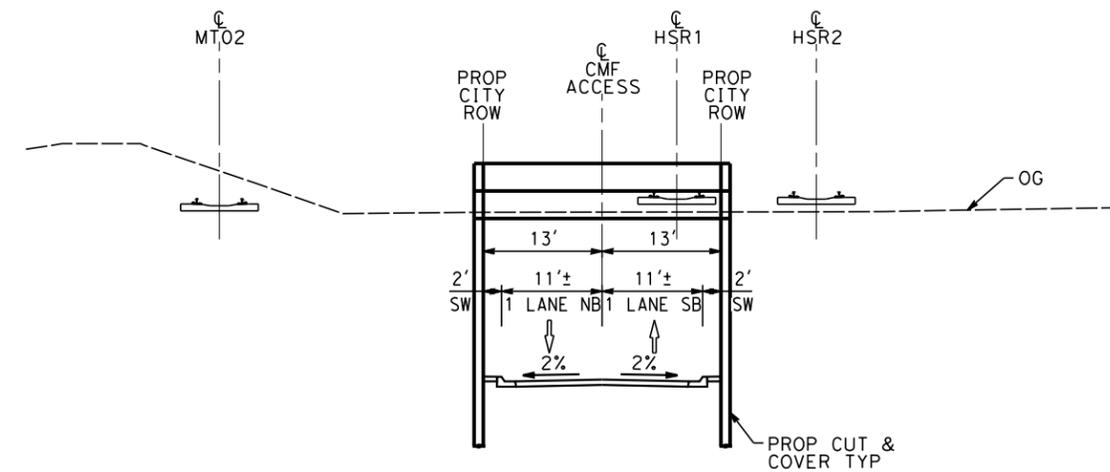
EXIST CONDITION
STA 1+54
CV-T1144 NO SCALE (A)



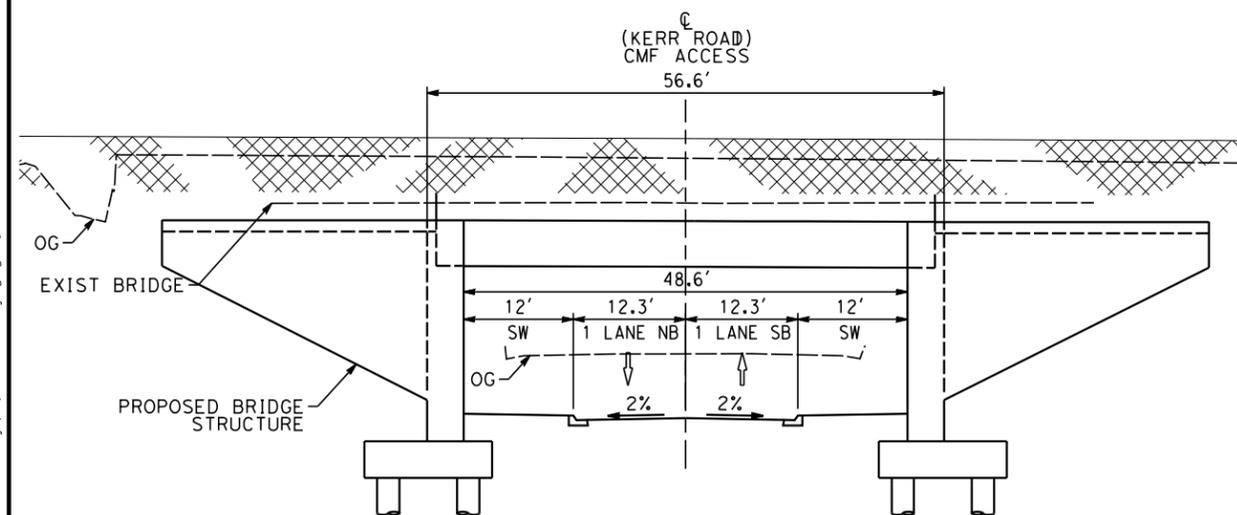
PROP CONDITION
STA 24+00
CV-T1145 NO SCALE (D)



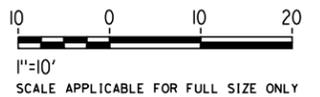
PROP CONDITION
STA 7+00
CV-T1144 NO SCALE (B)



PROP CONDITION
STA 30+00
CV-T1145 NO SCALE (E)



PROP CONDITION
STA 9+00
CV-T1144 NO SCALE (C)



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7/13/2021 11:15:59 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T3141.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

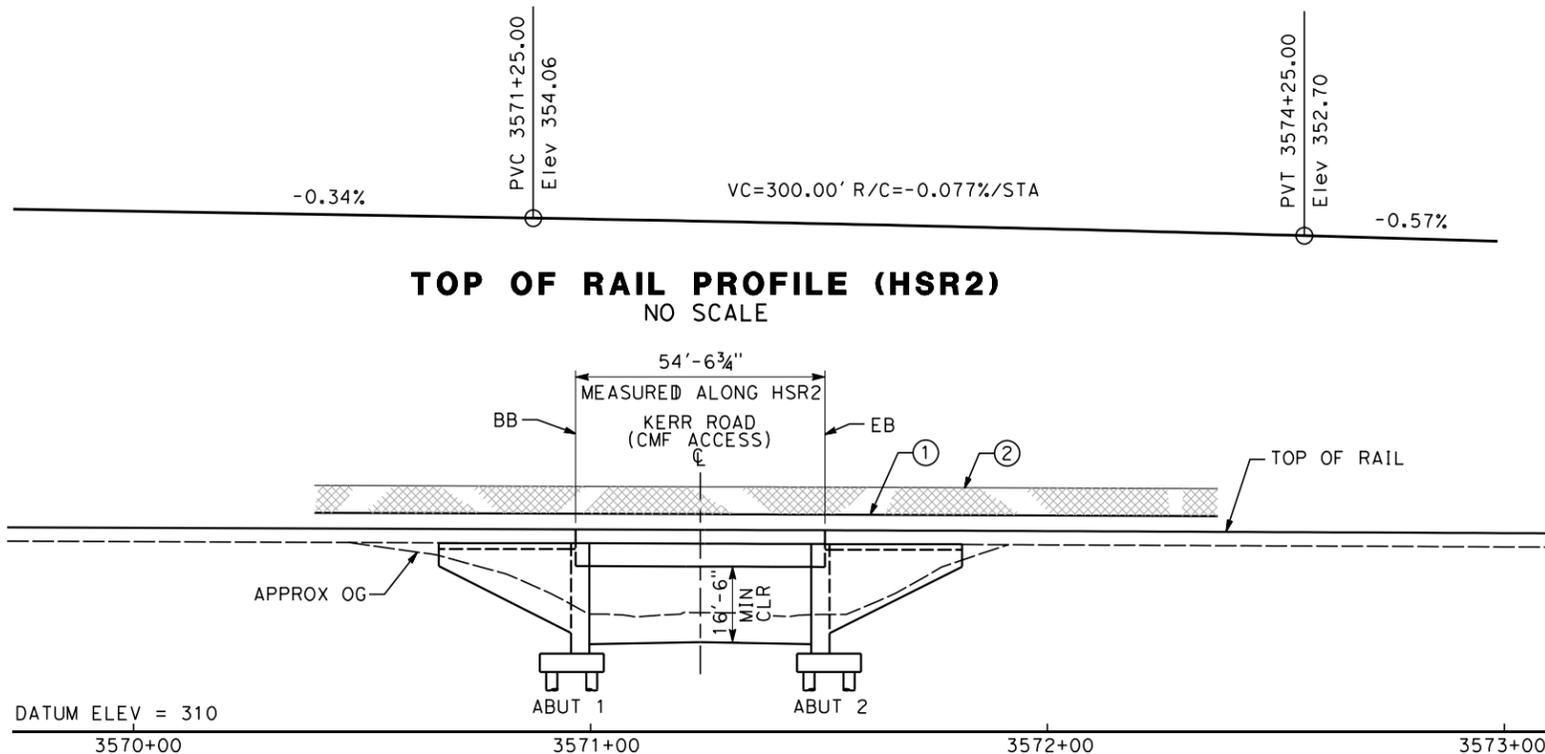
**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - CMF ACCESS UNDERPASS
CROSS-SECTION

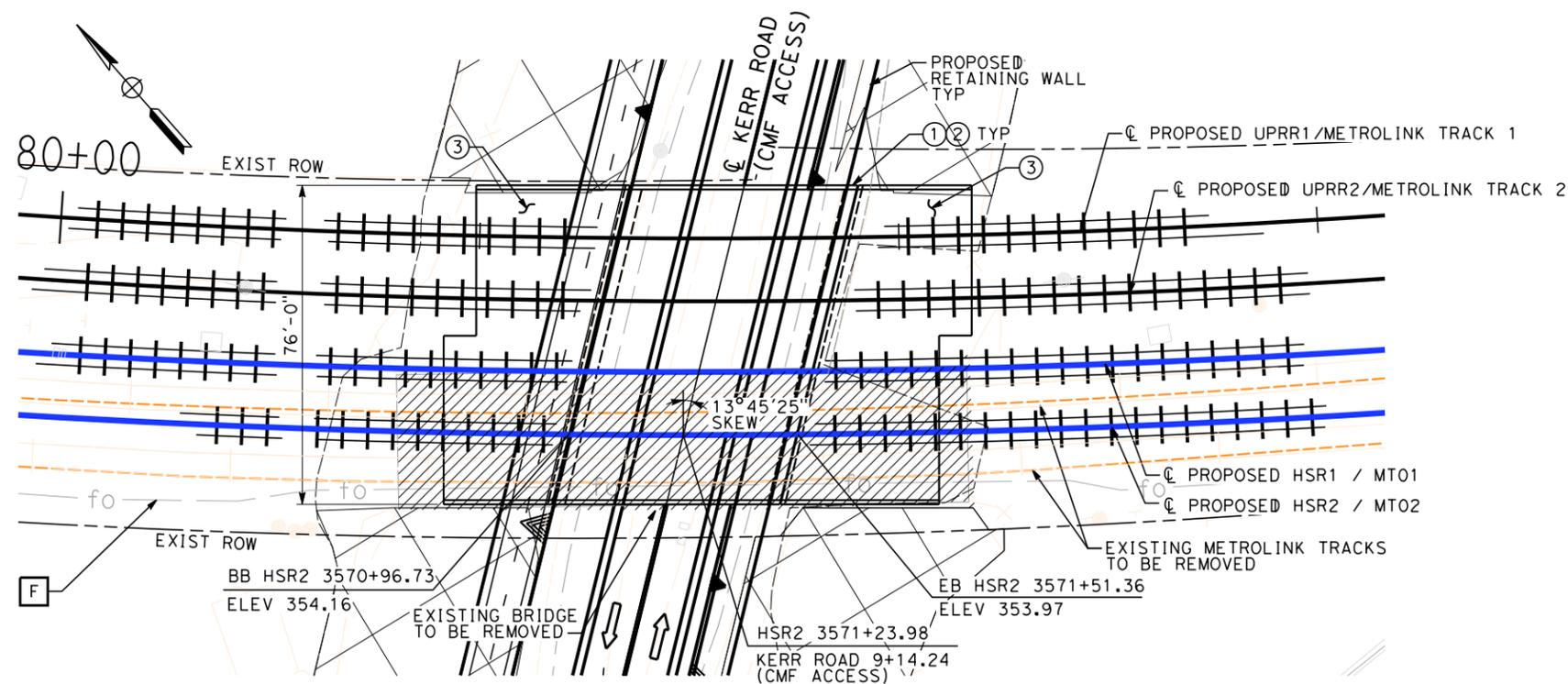
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T3141
SCALE
AS SHOWN
SHEET NO.



TOP OF RAIL PROFILE (HSR2)
NO SCALE



ELEVATION
SCALE: 1"=20'



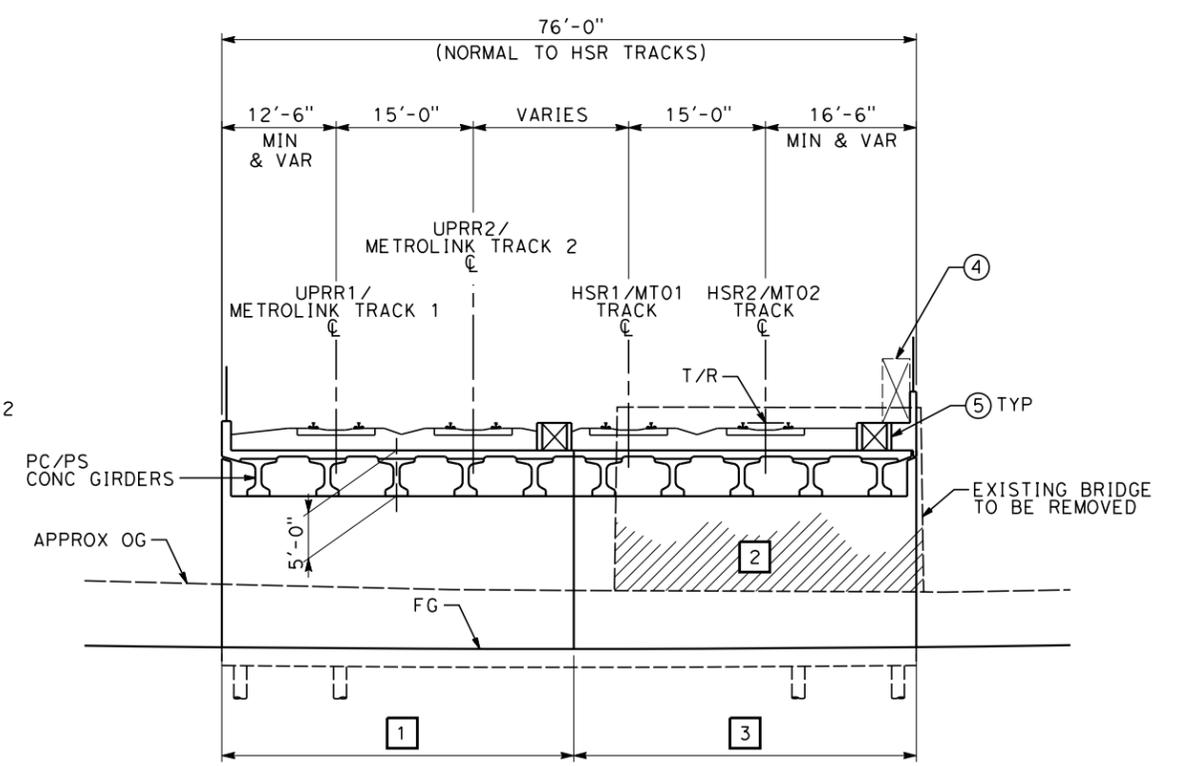
PLAN
SCALE: 1"=20'

EXISTING UTILITIES
F FIBER OPTIC

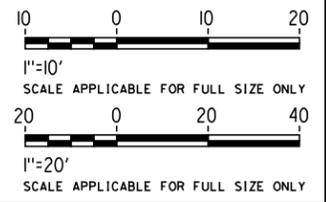
- NOTES**
- ① BARRIER
 - ② CHAIN LINK RAILING
 - ③ STRUCTURE APPROACH SLAB
 - ④ WALKWAY (3'-0" WIDE)
 - ⑤ CABLE DUCT

- LEGEND**
- ➔ INDICATES DIRECTION OF TRAFFIC
 - |||| INDICATES RAILROAD AND HSR TRACKS
 - ▨ INDICATES BRIDGE REMOVAL

- CONSTRUCTION STAGING NOTES:**
- 1 CONSTRUCT 40'-0" PORTION OF PROPOSED BRIDGE
 - 2 REMOVE EXISTING BRIDGE
 - 3 CONSTRUCT REMAINING PORTION OF BRIDGE



ELEVATION - ABUTMENT 2
SCALE: 1"=10'



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7/13/2021 11:16:38 AM c:\j\p\pwworkdir\j\jag_garyo\d0150141\K2L-ST-K1141.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
M. PONCE

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - KERR ROAD (CMF ACCESS) UNDERPASS
GENERAL PLAN - SHEET 1 OF 1

CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1141

SCALE
AS SHOWN

SHEET NO.

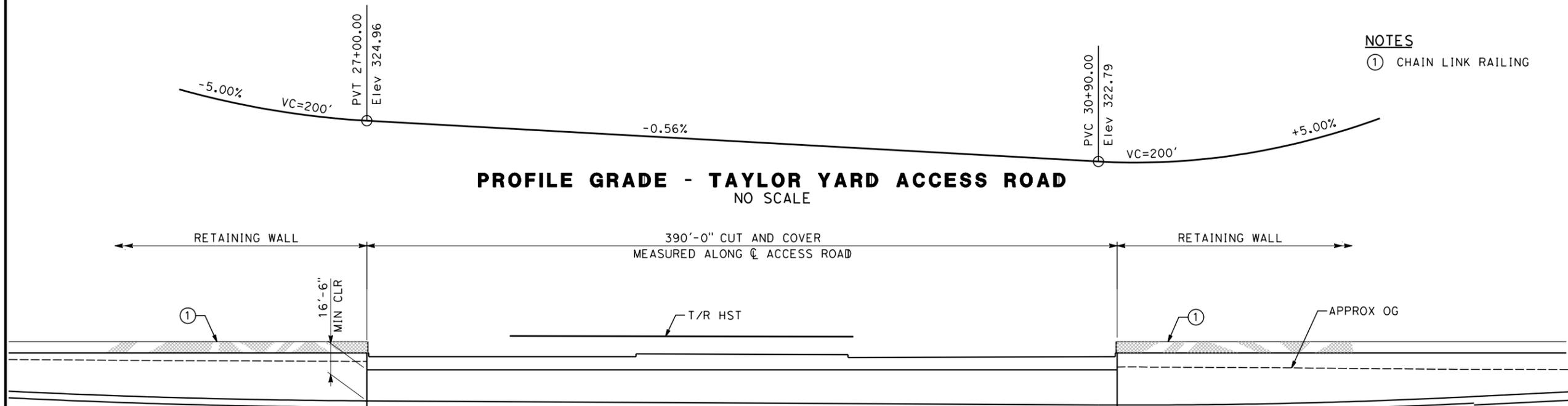
PROFILE GRADE - TAYLOR YARD ACCESS ROAD
NO SCALE

NOTES

① CHAIN LINK RAILING

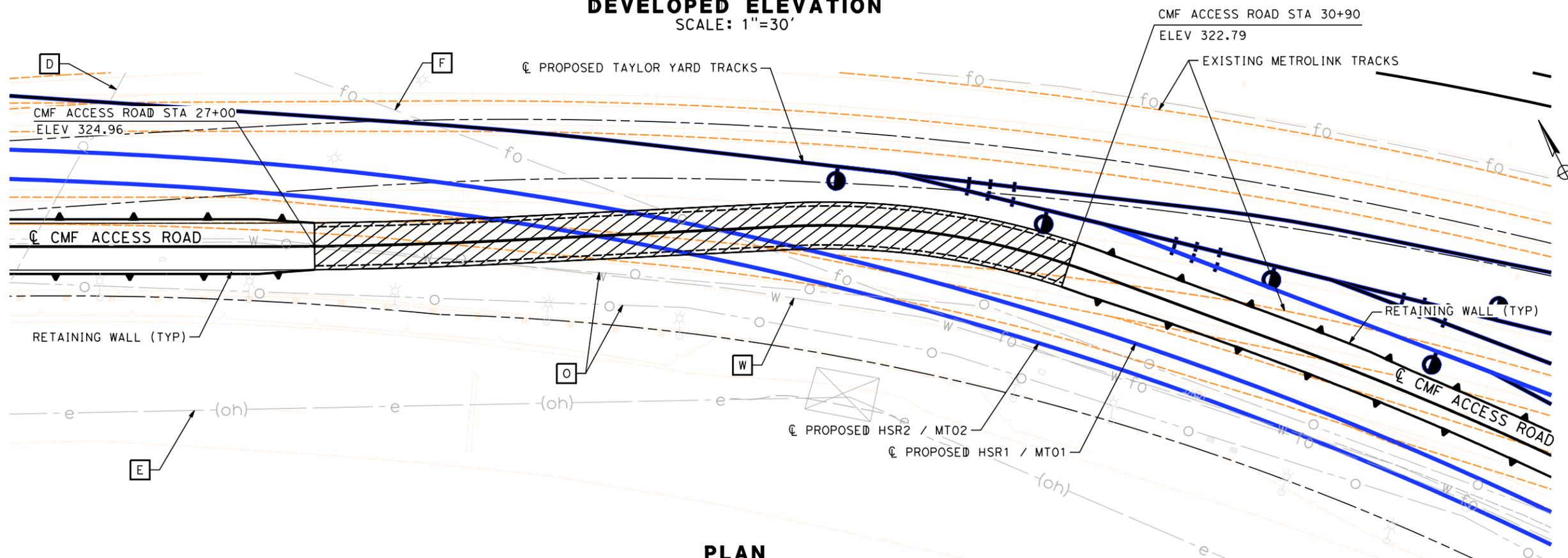
EXISTING UTILITIES

- E ELECTRIC CABLE (OH)
- F FIBER OPTIC
- G GAS
- O OIL
- D STORM DRAIN
- W WATER



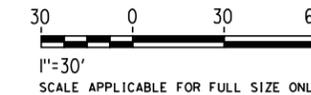
DATUM ELEV = 300
26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00

DEVELOPED ELEVATION
SCALE: 1"=30'



PLAN
SCALE: 1"=30'

NOT FOR CONSTRUCTION
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7/13/2021 11:17:19 AM c:\j\p\pwworkdir\j\jag_garyo\d0150141\k2l-st-k1142.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

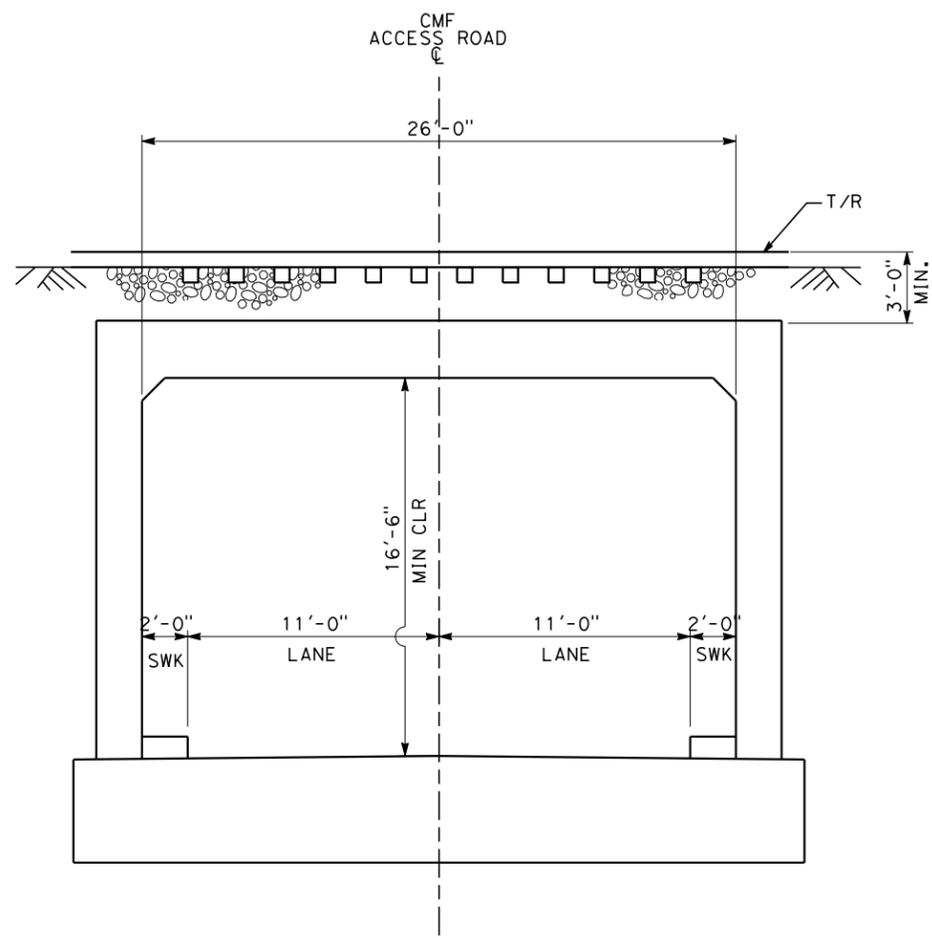
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - CMF ACCESS ROAD
GENERAL PLAN - SHEET 1 OF 2

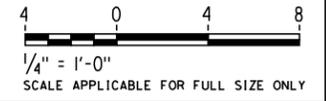
CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K1142
SCALE
AS SHOWN
SHEET NO.

7/13/2021 11:17:31 AM c:\jip\pwworkdir\jag_garyo\d0150141\K2L-ST-K3141.dgn



SECTION - CUT AND COVER
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

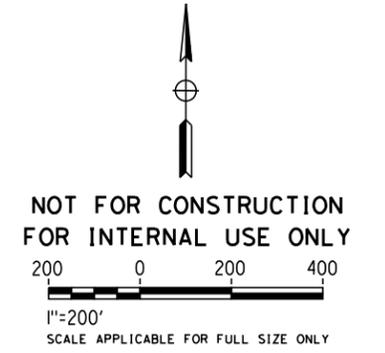
PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - CMF ACCESS ROAD
GENERAL PLAN - SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K3141
SCALE
AS SHOWN
SHEET NO.



7/13/2021 11:18:44 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T0151.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
J. HUANG

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
ORIENTATION MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T0151

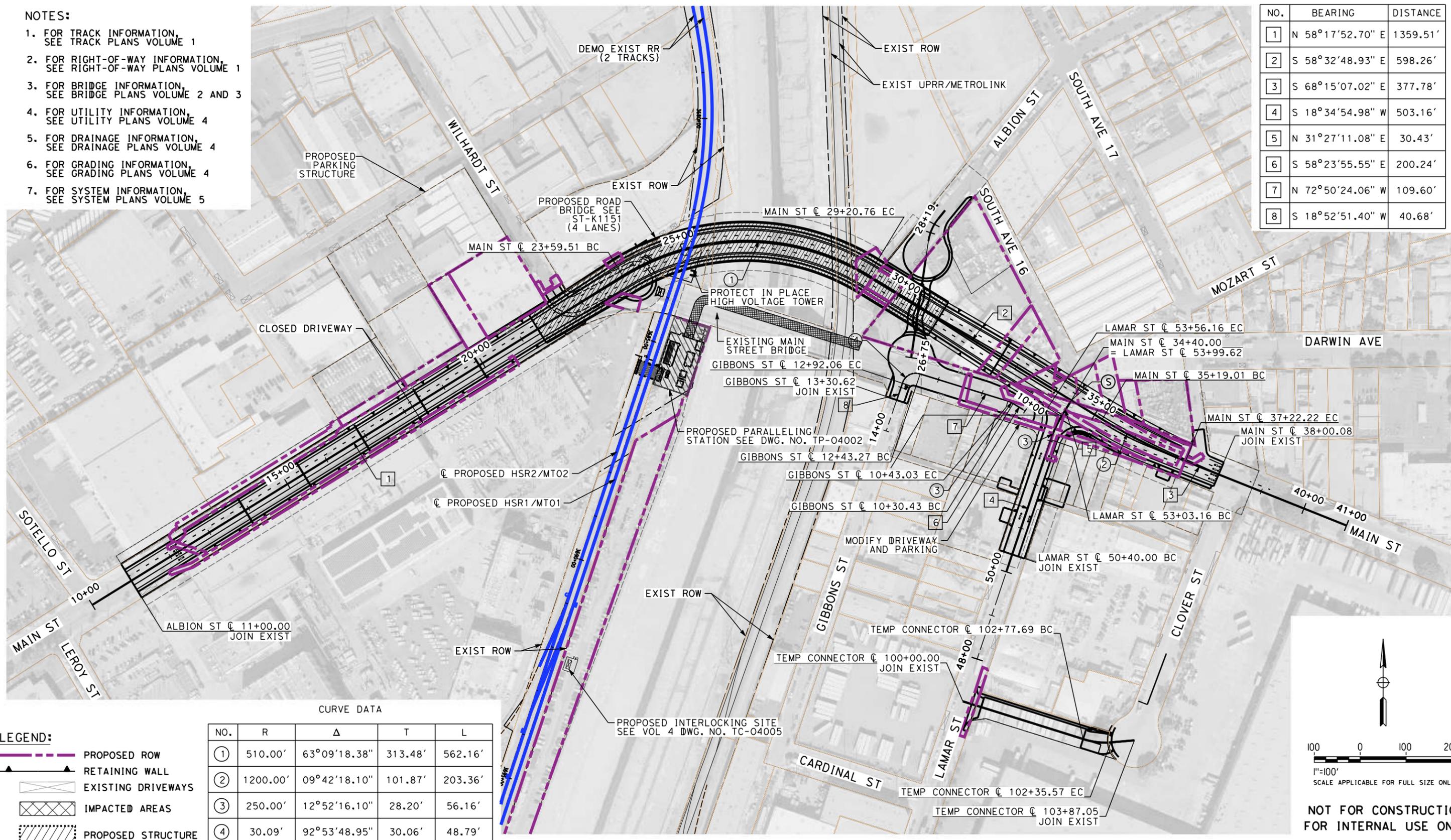
SCALE
AS SHOWN

SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LINE DATA

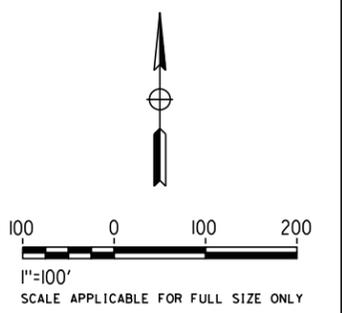
NO.	BEARING	DISTANCE
1	N 58°17'52.70" E	1359.51'
2	S 58°32'48.93" E	598.26'
3	S 68°15'07.02" E	377.78'
4	S 18°34'54.98" W	503.16'
5	N 31°27'11.08" E	30.43'
6	S 58°23'55.55" E	200.24'
7	N 72°50'24.06" W	109.60'
8	S 18°52'51.40" W	40.68'



CURVE DATA

NO.	R	Δ	T	L
①	510.00'	63°09'18.38"	313.48'	562.16'
②	1200.00'	09°42'18.10"	101.87'	203.36'
③	250.00'	12°52'16.10"	28.20'	56.16'
④	30.09'	92°53'48.95"	30.06'	48.79'

- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS
 - PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

8/26/2021 8:17:19 PM c:\j\p\pwworkdir\jag_garyo\d0150139\k2l-cv-T1151.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU
DRAWN BY
C. CUSSON
CHECKED BY
J. HUANG
IN CHARGE
C. LEE
DATE
08/27/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD
GRADE SEPARATION - MAIN ST OVERPASS
PLAN

CONTRACT NO.
HSR14-39

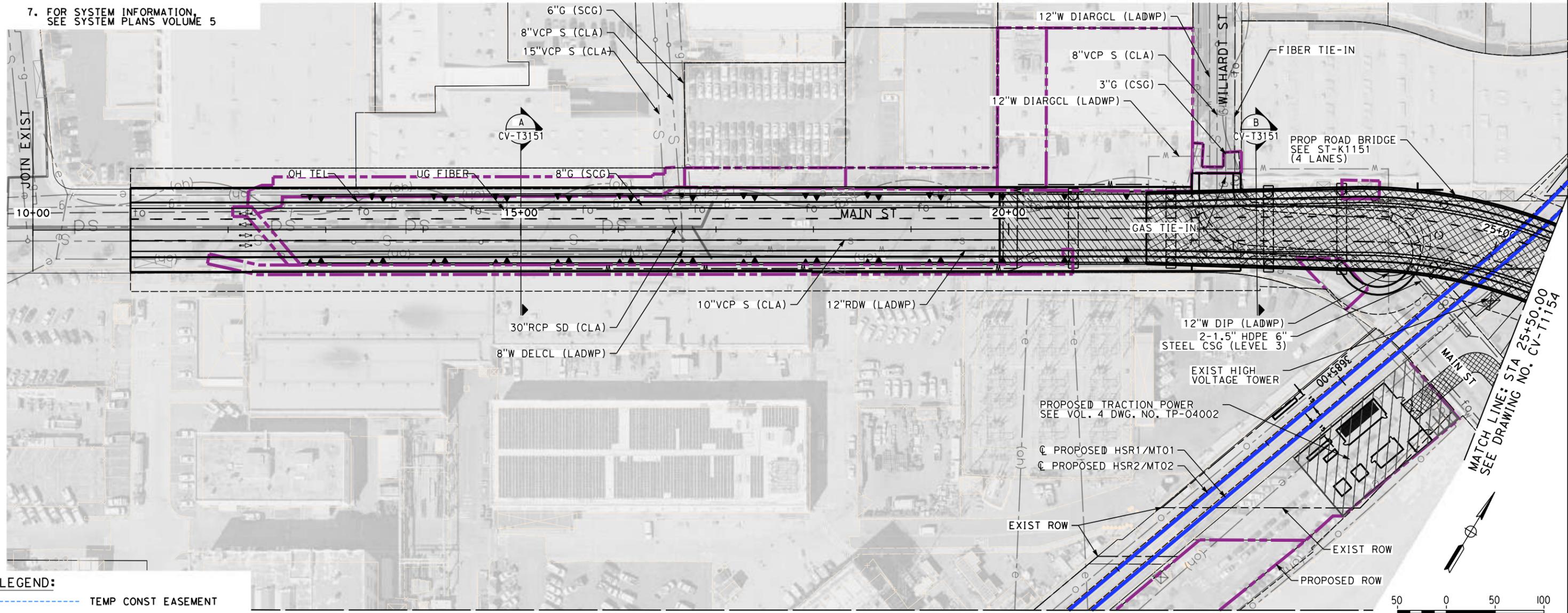
DRAWING NO.
CV-T1151

SCALE
AS SHOWN

SHEET NO.

NOTES:

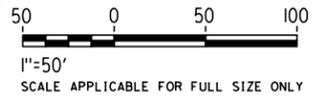
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE

MATCH LINE
SEE DRAWING NO. CV-T1156



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FOR INTERNAL USE ONLY**

7/13/2021 11:21:42 AM c:\j\p\pwworkdir\jag_garyo\d0150139\k2L-CV-T1153.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
A. CORTEZ
CHECKED BY
R. YU
IN CHARGE
C. LEE
DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

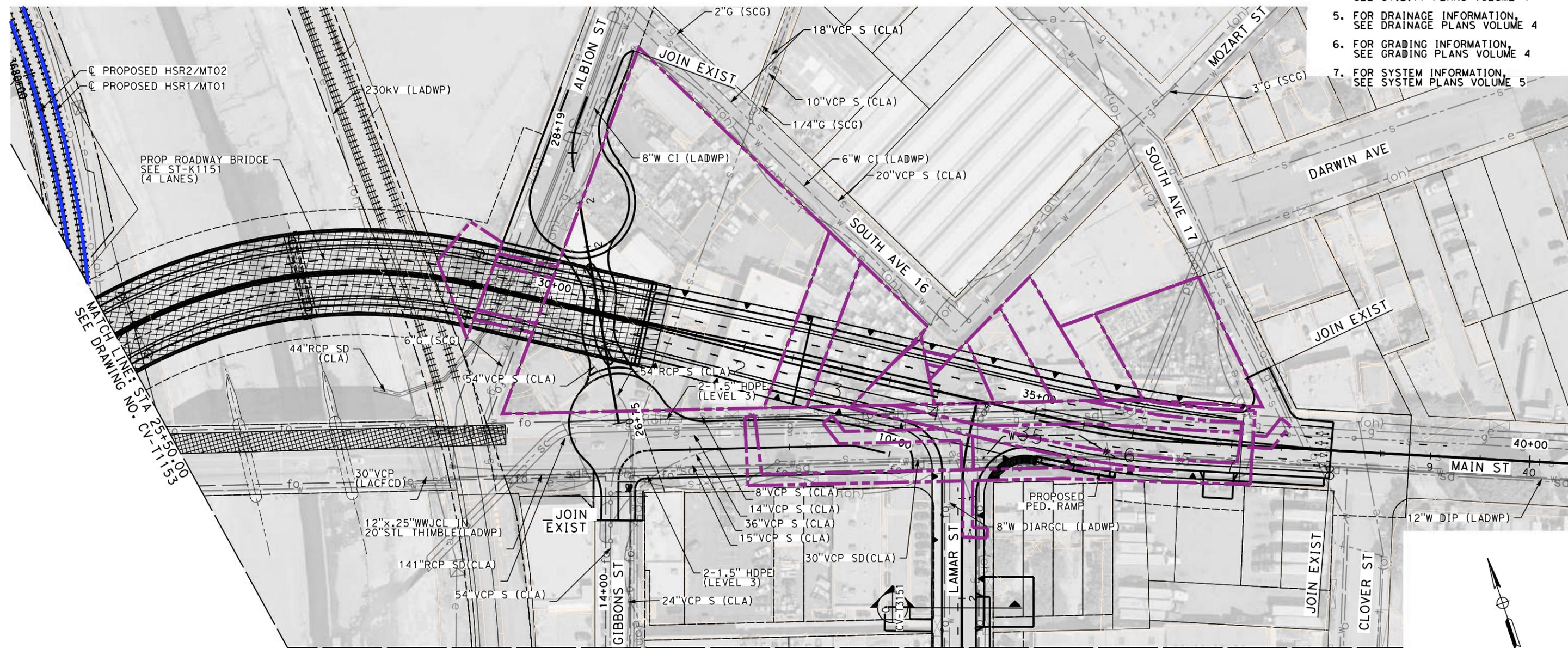


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
IMPACT PLAN SHEET 1 OF 4

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-T1153
SCALE
AS SHOWN
SHEET NO.

NOTES:

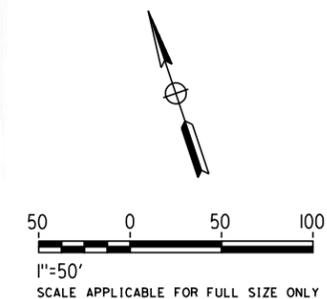
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE

MATCH LINE
SEE DRAWING NO. CV-T1155



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7/13/2021 11:23:12 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2L-CV-T1154.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

PEPD

GRADE SEPARATION - MAIN ST OVERPASS

IMPACT PLAN SHEET 2 OF 4

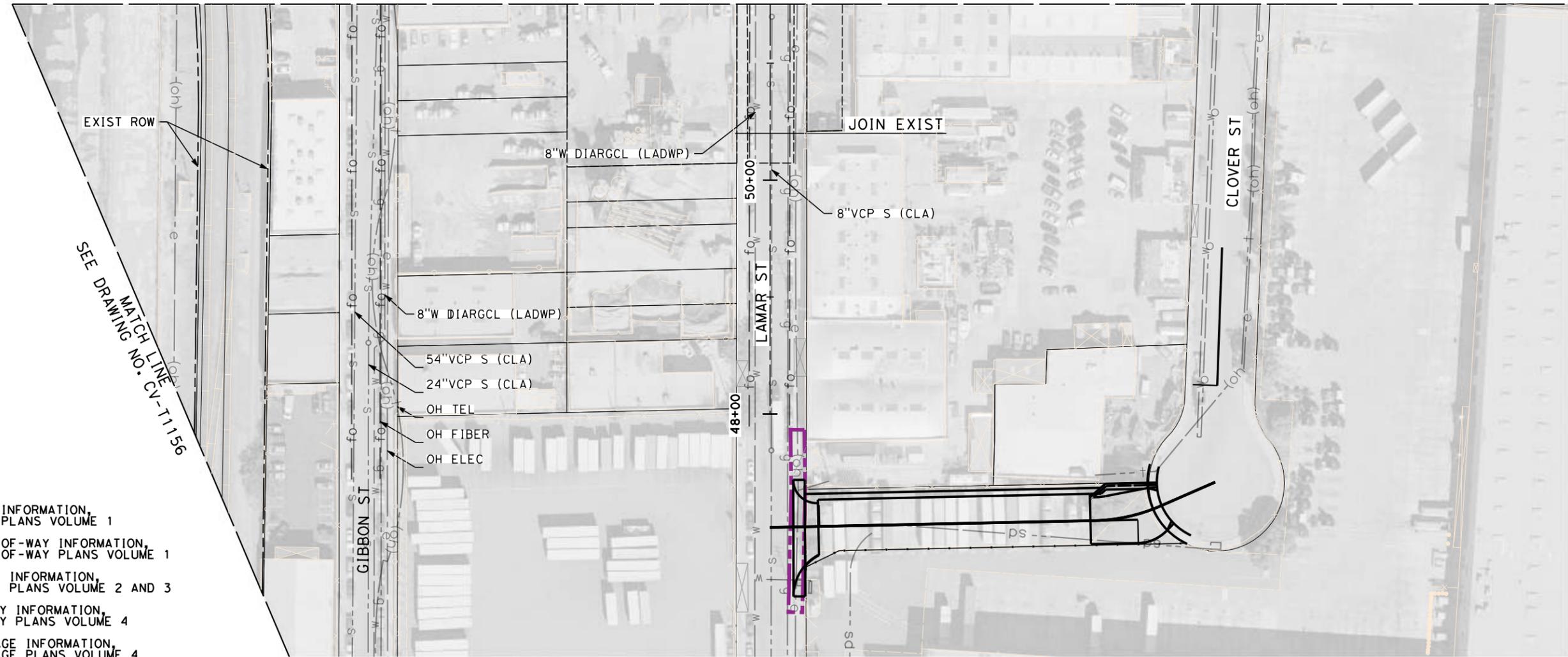
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1154

SCALE
AS SHOWN

SHEET NO.

MATCH LINE
SEE DRAWING NO. CV-T1154

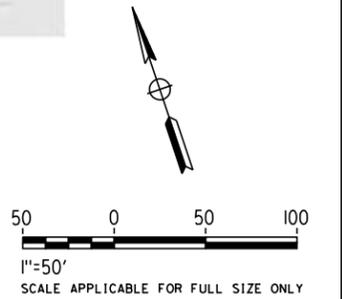


NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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7/13/2021 11:24:29 AM c:\j\p\pwworkdir\j\g_garyo\d0150139\k2L-CV-T1155.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
IMPACT PLAN 3 OF 4

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T1155

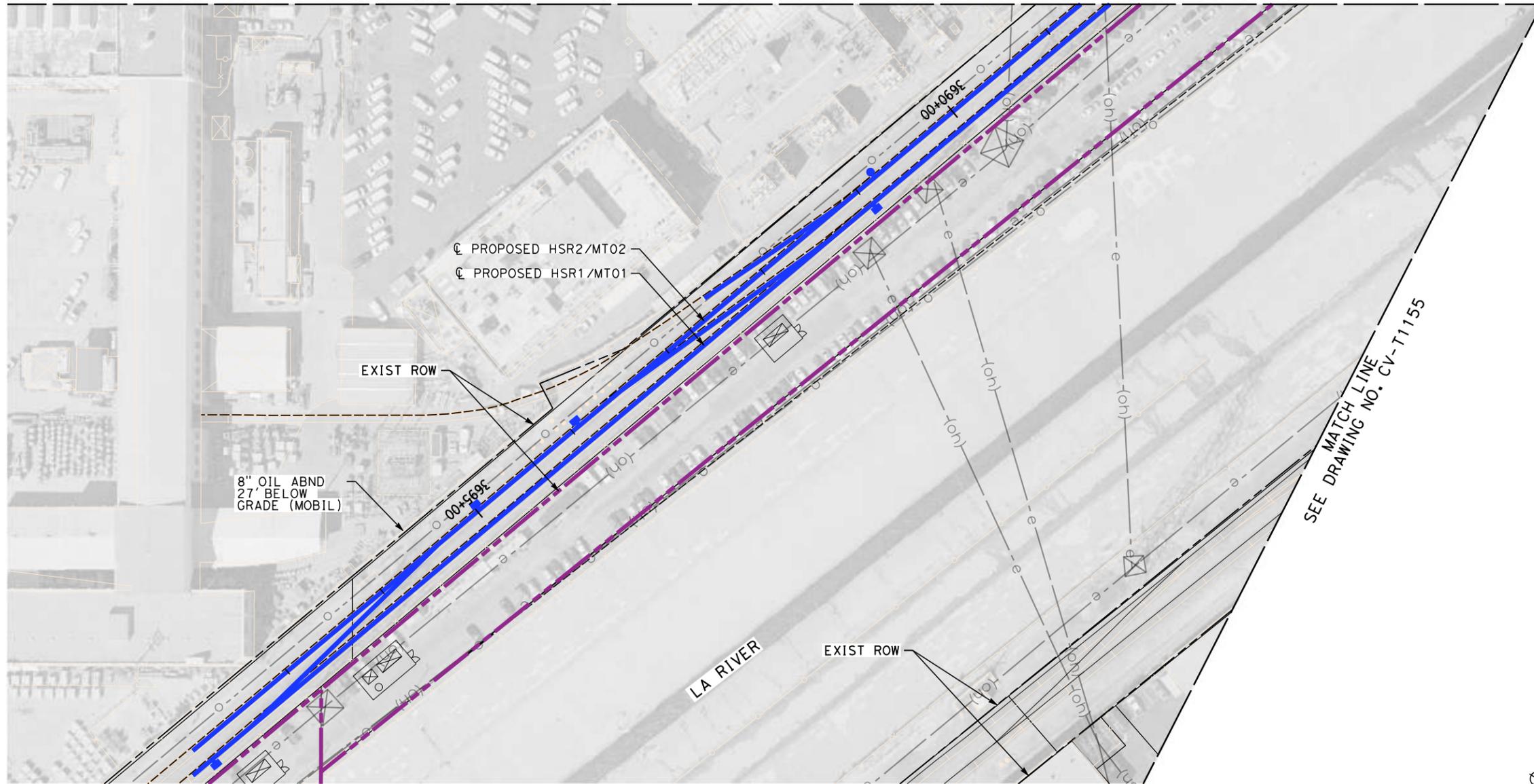
SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

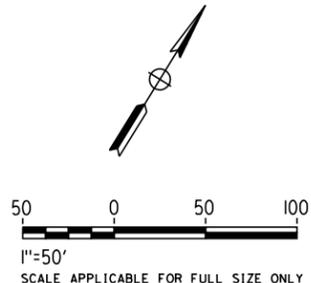
MATCH LINE
SEE DRAWING NO. CV-T1153



MATCH LINE
SEE DRAWING NO. CV-T1155

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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FOR INTERNAL USE ONLY**

7/13/2021 11:25:42 AM c:\j\p\pwworkdir\jbg_garyo\d0150139\k2L-CV-T1156.dgn GARYA

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

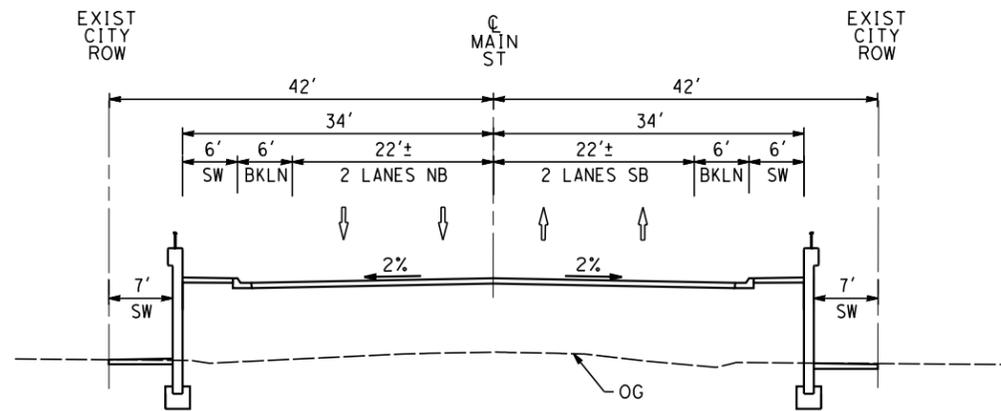
OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
IMPACT PLAN SHEET 4 OF 4

CONTRACT NO.
HSR14-39

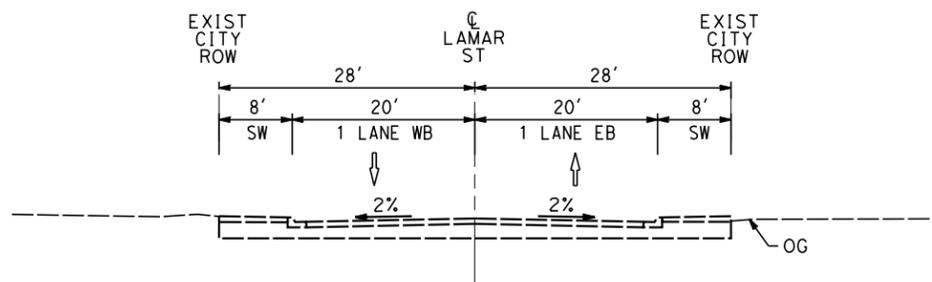
DRAWING NO.
CV-T1156

SCALE
AS SHOWN

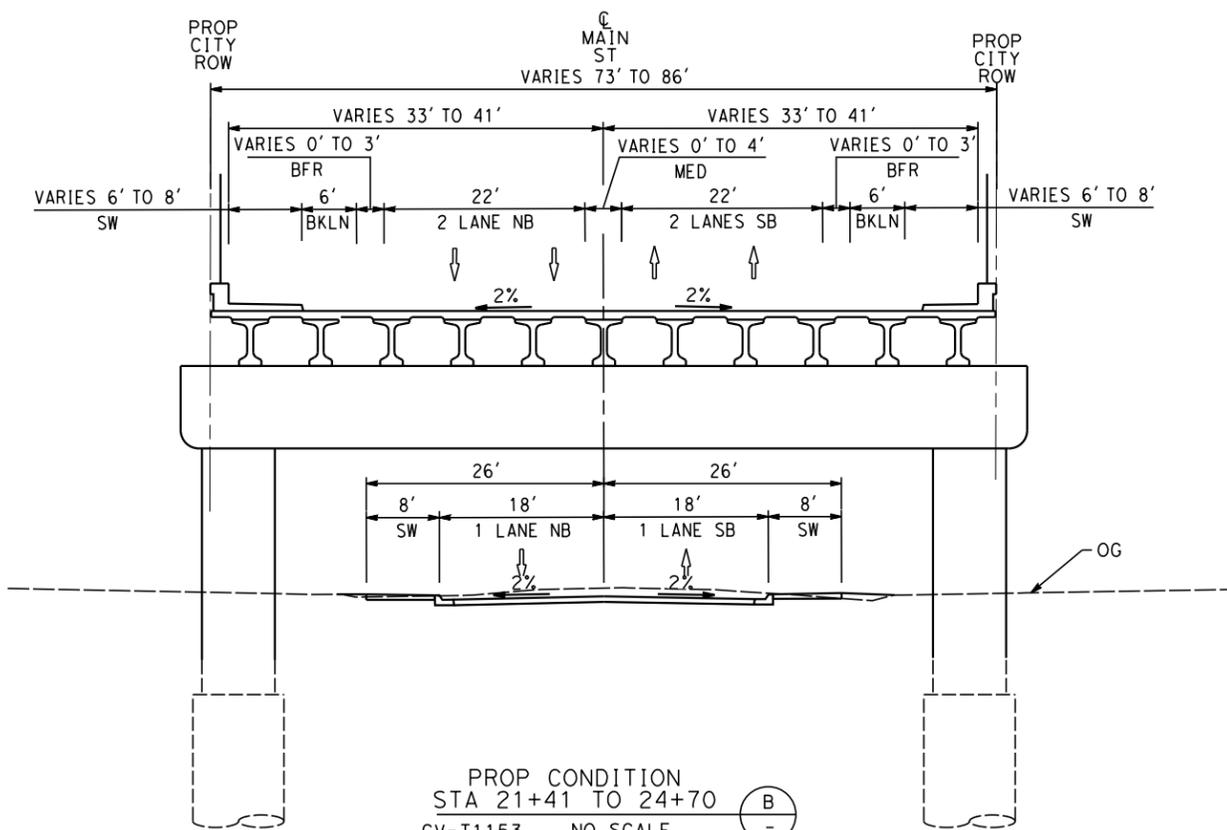
SHEET NO.



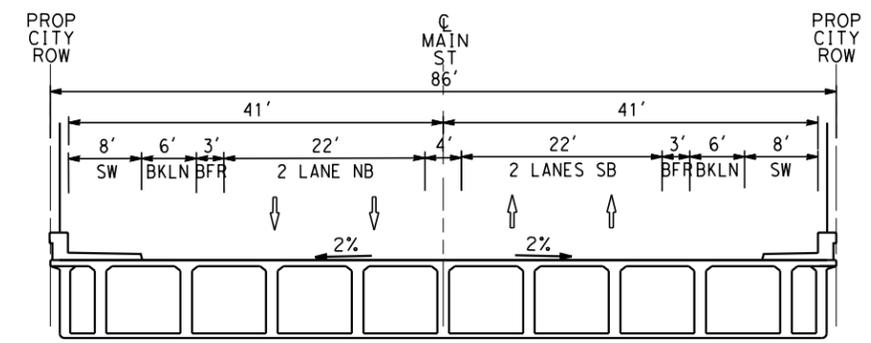
PROP CONDITION
STA 15+00
CV-T1153 NO SCALE (A)



EXIST CONDITION
STA 6+11
CV-T1154 NO SCALE (C)

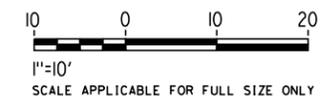


PROP CONDITION
STA 21+41 TO 24+70
CV-T1153 NO SCALE (B)



PROP CONDITION
STA 24+70 TO 31+65
CV-T1154 NO SCALE (B)

- NOTES:
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
A. CORTEZ

CHECKED BY
R. YU

IN CHARGE
C. LEE

DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL PEPD

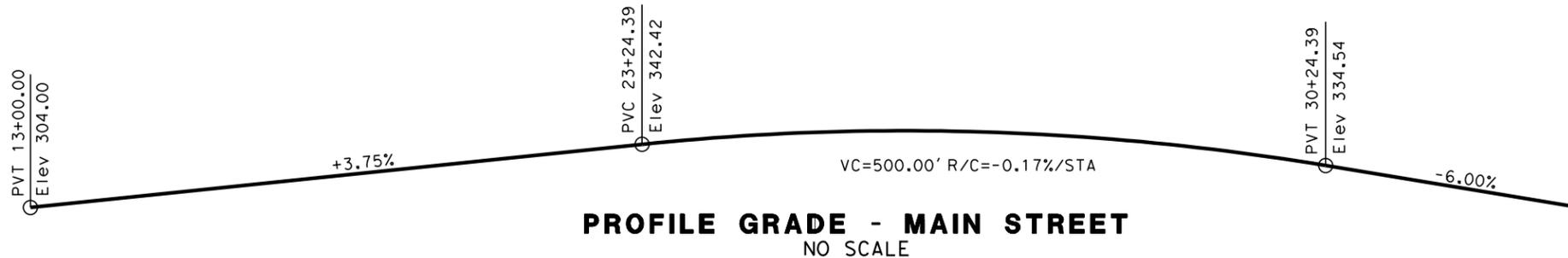
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
CROSS-SECTION

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-T3151

SCALE
AS SHOWN

SHEET NO.



NOTES

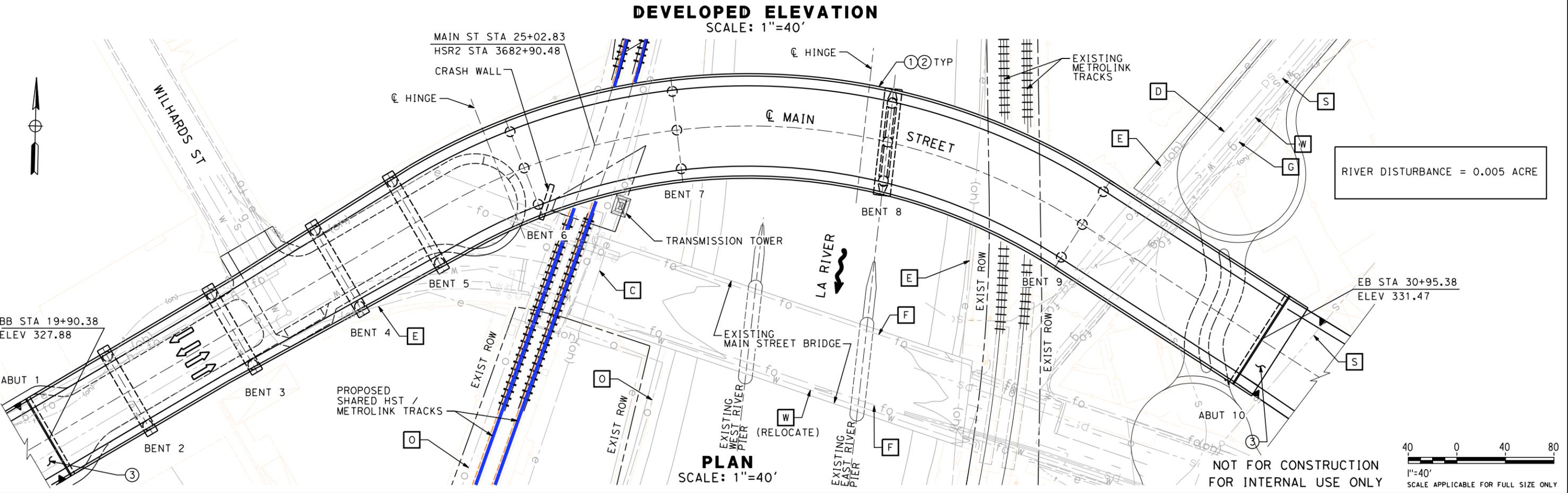
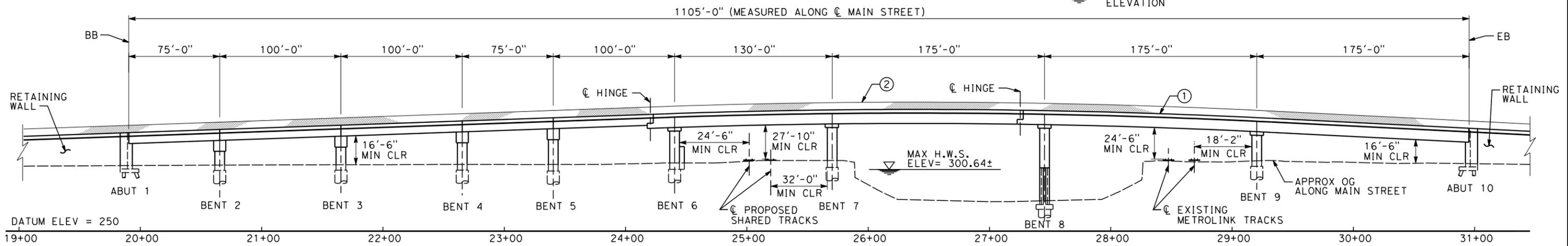
- ① BARRIER
- ② CHAIN LINK RAILING
- ③ STRUCTURE APPROACH SLAB

LEGEND

- INDICATES DIRECTION OF TRAFFIC
- INDICATES RAILROAD AND HSR TRACKS
- INDICATES FLOW LINE
- INDICATES HIGH WATER SURFACE ELEVATION

EXISTING UTILITIES

- E** ELECTRIC CABLE (OH) (RELOCATE)
- F** FIBER OPTIC (RELOCATE)
- G** GAS
- O** OIL
- S** SEWER
- D** STORM DRAIN
- T** TELEPHONE (OH)
- W** WATER



9/8/2021 9:10:28 PM c:\jip\pwworkdir\clee\d0150141\k2l-ST-K1151.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
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M. PONCE

IN CHARGE
C. LEE

DATE
08/27/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

OPTION B REVISED ALIGNMENT - REVISED FINAL

PEPD

GRADE SEPARATION - MAIN ST OVERPASS

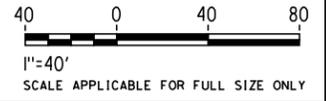
GENERAL PLAN - SHEET 1 OF 2

CONTRACT NO.
HSR14-39

DRAWING NO.
ST-K1151

SCALE
AS SHOWN

SHEET NO.



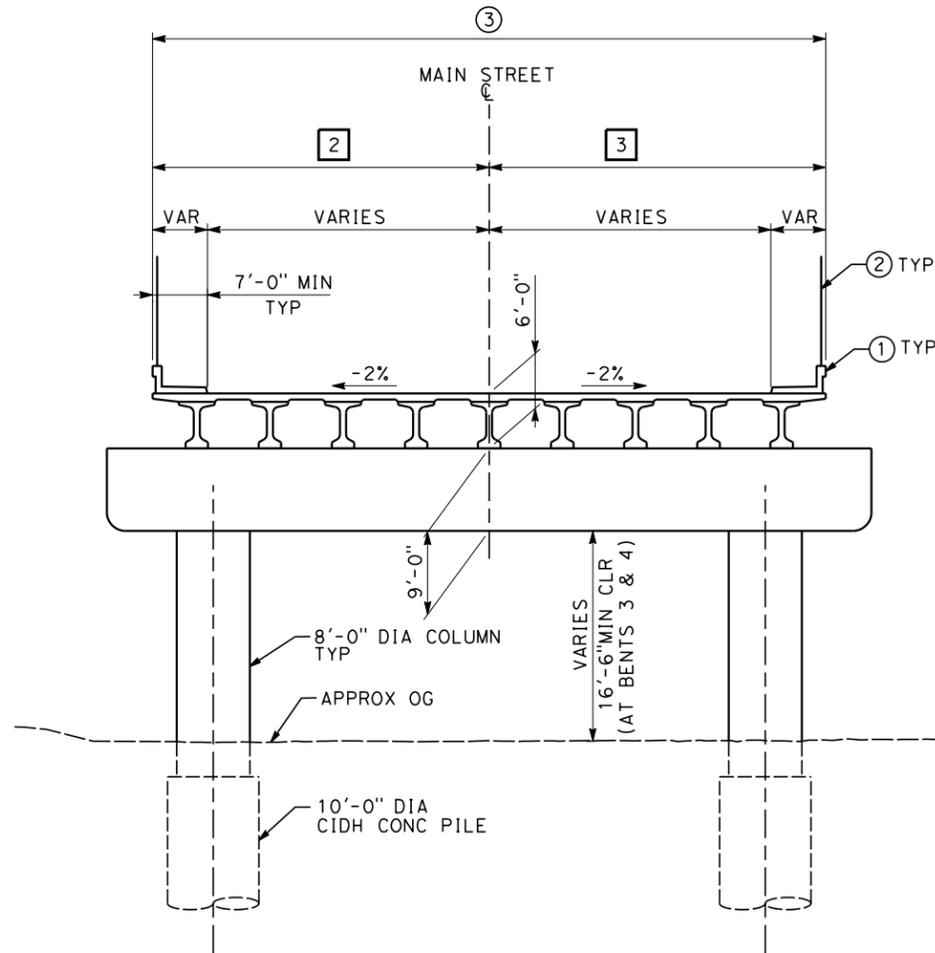
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CONSTRUCTION STAGING NOTES:

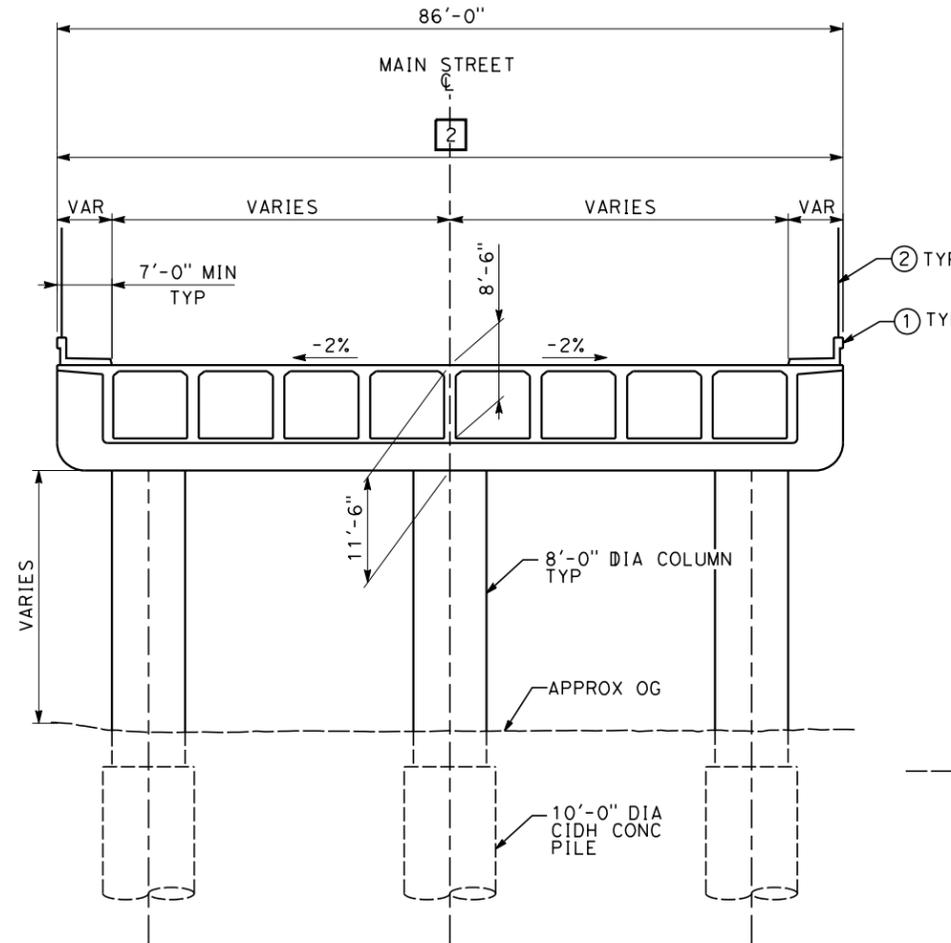
- 1 CONSTRUCT BENTS 2 TO 5 AND NORTH SEGMENT OF ABUTMENT 1
- 2 CONSTRUCT CAST-IN-PLACE SEGMENT AND HALF OF THE NORTHERN SEGMENT OF THE BRIDGE FROM ABUTMENT 1 TO BENT 6 TO OPEN TEMPORARILY FOR ONE LANE OF TRAFFIC IN EACH DIRECTION
- 3 COMPLETE BRIDGE CONSTRUCTION

NOTES

- 1 BARRIER
- 2 CHAIN LINK RAILING
- 3 OUT TO OUT BRIDGE WIDTH VARIES FROM 73'-6" AT ABUT 1 TO 86'-0" AT BENT 6

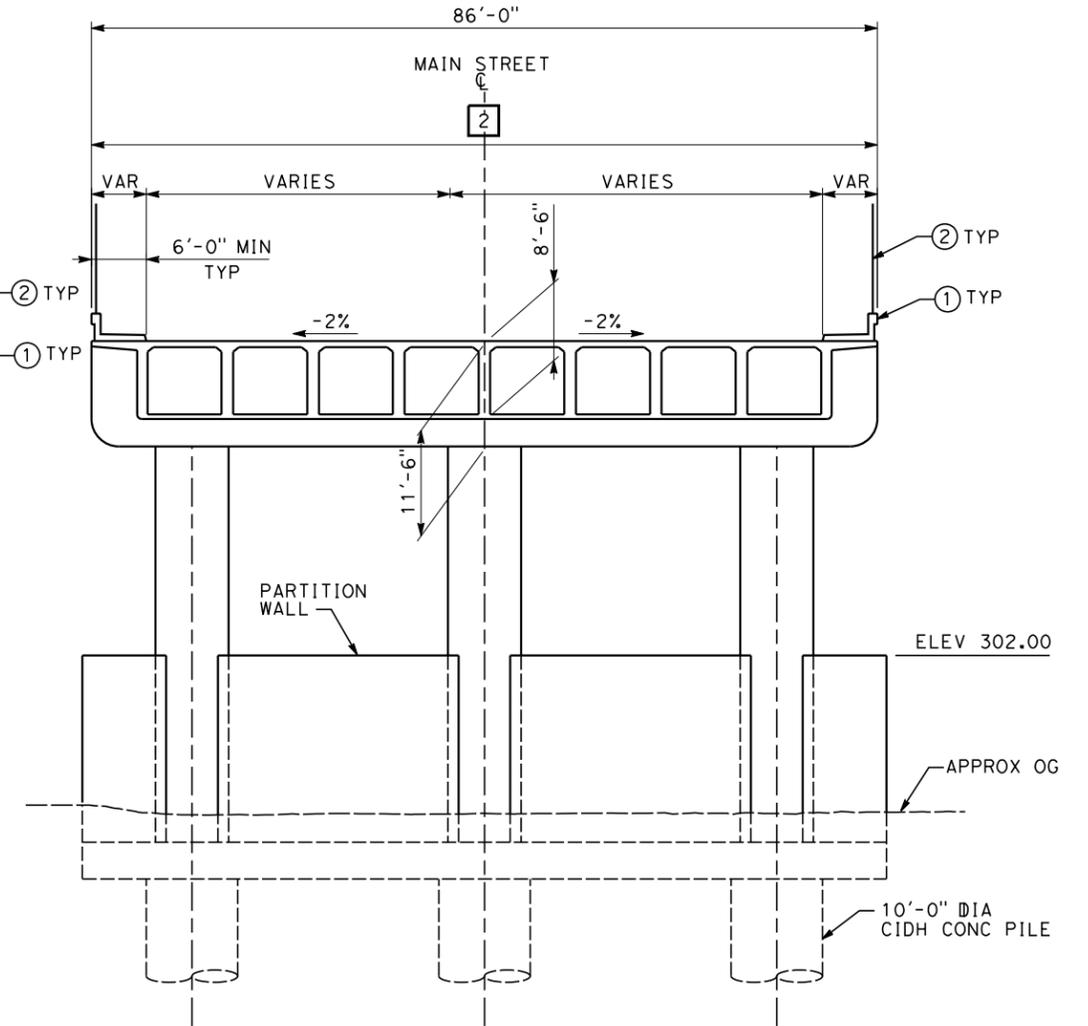


TYPICAL SECTION (BENTS 2 TO 5)
SCALE: 1"=10'

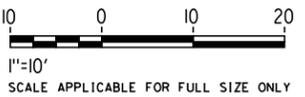


NOTE: CRASH WALL ON BENT 6 ONLY, SEE PLAN.

TYPICAL SECTION (BENTS 6, 7, & 9)
SCALE: 1"=10'



TYPICAL SECTION - BENT 8
SCALE: 1"=10'



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
M. PONCE
IN CHARGE
C. LEE
DATE
07/15/2021

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
OPTION B REVISED ALIGNMENT - REVISED FINAL
PEPD
GRADE SEPARATION - MAIN ST OVERPASS
GENERAL PLAN - SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-K3151
SCALE
AS SHOWN
SHEET NO.