

TRACK GEOMETRY – HORIZONTAL

CC COMPOUND CURVATURE
 CS POINT OF CHANGE FROM CIRCULAR CURVE TO SPIRAL
 k1 TANGENT DISTANCE OF SHIFTED PC REFERRED TO THE TS
 k2 TANGENT DISTANCE OF SHIFTED PT REFERRED TO THE ST
 Lc TOTAL LENGTH OF CIRCULAR CURVE FROM PC TO PT OR SC TO CS
 Lsc LENGTH OF COMPOUND SPIRAL FROM CS TO SC
 Ls1 LENGTH OF SPIRAL FROM TS TO SC
 Ls2 LENGTH OF SPIRAL FROM CS TO ST
 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/POINT OF CHANGE FROM TANGENT TO CIRCULAR CURVE
 PCC POINT OF COMPOUND CURVE
 PI POINT OF INTERSECTION
 POC POINT ON CIRCULAR CURVE
 POS POINT ON SPIRAL
 POT POINT ON TANGENT
 PRC POINT OF REVERSE CURVATURE
 PS POINT OF SWITCH
 PT POINT OF TANGENCY/POINT OF CHANGE FROM CIRCULAR CURVE TO TANGENT
 SC POINT OF CHANGE FROM SPIRAL TO CIRCULAR CURVE
 SS POINT OF CHANGE FROM ONE SPIRAL
 ST POINT OF CHANGE FROM SPIRAL TO TANGENT
 SPO POINT ON ORIGIN OF COMPOUND SPIRAL
 Ts1 TANGENT DISTANCE FROM TS TO PI
 Ts2 TANGENT DISTANCE FROM ST TO PI
 TS POINT OF CHANGE FROM TANGENT TO SPIRAL
 Xs1 TANGENT OFFSET AT THE SC
 Xs2 TANGENT OFFSET AT THE CS
 Ys1 TANGENT DISTANCE AT THE SC
 Ys2 TANGENT DISTANCE 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

TRACK GEOMETRY – VERTICAL

BVC BEGIN VERTICAL CURVE
 E TOTAL SUPERELEVATION IN INCHES
 Ea ACTUAL SUPERELEVATION IN INCHES
 Eu UNBALANCED SUPERELEVATION IN INCHES
 EVC END VERTICAL CURVE
 PCVC POINT OF COMPOUND VERTICAL CURVE
 PIVC POINT OF INTERSECTION OF TWO PROFILE TANGENTS
 POVC POINT ON VERTICAL CURVE
 POVt POINT ON VERTICAL TANGENT
 VC VERTICAL CURVE

GENERAL, CIVIL AND TRACK

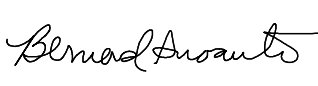

AB AGGREGATE BASE
 ABN ABANDON
 ABUT ABUTMENT
 AC ASPHALTIC CONCRETE
 ADA AMERICA WITH DISABILITY ACT
 ADJ ADJUSTABLE
 AHD AHEAD
 ALIGN ALIGNMENT
 ALT ALTERNATE
 ALUM ALUMINUM
 APPROX APPROXIMATE
 ARCH ARCHITECTURAL
 AS AGGREGATE SUBBASE
 ASPH ASPHALT
 AVE AVENUE
 AVG AVERAGE
 BAA BOARDING ASSISTANCE AREA
 BBR BEGINNING OF BRIDGE
 BCR BEGIN CURB RETURN
 BEG BEGIN
 BK BACK
 BKF BACKFILL
 BLDG BUILDING
 BLVD BOULEVARD
 BM BENCHMARK
 BOC BOTTOM OF CURB
 BOP BOTTOM OF PIPE
 BOT BOTTOM
 BOW BOTTOM OF WALL
 BR BRIDGE
 BS BOTTOM OF SLOPE
 C CURB
 C&G CURB AND GUTTER
 CAB CABINET
 CALP CORRUGATED ALUMINUM PIPE
 CAP CAPACITY
 CB CATCH BASIN
 CEM CEMENT
 CF CUBIC FEET
 CG CENTER OF GRAVITY
 CI CAST IRON
 CIDH CAST IN DRILLED HOLE
 CIP CAST IN PLACE
 CIV CIVIL
 CJ CONSTRUCTION JOINT
 CL CENTER LINE
 CLK CHAIN LINK
 CLR CLEAR
 CMP CORRUGATED METAL PIPE
 CMU CONCRETE MASONRY UNIT
 CND CONDUIT
 CO CLEANOUT
 COC CENTER ON CENTER
 COL COLUMN
 COMB COMBINE
 COMM COMMUNICATIONS
 CONC CONCRETE
 CONN CONNECTION
 CONST CONSTRUCTION
 CONT CONTINUOUS, CONTINUE
 COORD COORDINATE
 CP CONTROL POINT
 CRV CURVE
 CSP CORRUGATED STEEL PIPE
 CTR CENTER
 CULV CULVERT
 CVR COVER
 CWR CONTINUOUS WELDED RAIL
 CY CUBIC YARDS
 DEL DELINEATORS
 DEP DEPTH
 DET DETAIL
 DFT DRY FILM THICKNESS
 DFX DIRECT FIXATION
 DI DRAIN INLET
 DIA DIAMETER
 DIAG DIAGONAL
 DIM DIMENSION
 DIR DIRECTION
 DIST DISTRIBUTION
 DN DOWN
 DR DRIVE
 DTR DETOUR
 DWG DRAWING
 (E) EXISTING
 E EAST
 EA EACH
 EB EASTBOUND
 EBR END OF BRIDGE
 ECR END CURB RETURN
 EE EACH END
 EF EACH FACE
 EIC EMPLOYEE IN CHARGE
 EJ EXPANSION JOINT
 ELEC ELECTRICAL
 EL, ELEV ELEVATION
 EMB EMBANKMENT
 EMER EMERGENCY
 ENCL ENCLOSURE
 ENGR ENGINEER, ENGINEERING
 EP EDGE OF PAVEMENT
 EQ EQUATION
 EQUIP EQUIPMENT
 ES EDGE OF SHOULDER
 ESMT EASEMENT
 ETW EDGE OF TRAVELED WAY
 EW END WALL
 EXC EXCAVATION
 EXP EXPANSION
 EXT EXTERIOR, EXTENSION
 (F) FUTURE
 FC FACE OF CURB
 FD FLOOR DRAIN
 FDN FOUNDATION
 FF FILTER FABRIC
 FG FINISHED GRADE
 FH FIRE HYDRANT
 FIN FINISH
 FL FLOW LINE
 FLR FLOOR
 FOC FIBER OPTIC CABLE/CARRIER
 FPS FEET PER SECOND
 FR FRAME
 FS FINISH SURFACE
 FT FEET
 FTG FOOTING
 FWY FREEWAY
 GA GAUGE OR GAGE
 GAL GALLON
 GALV GALVANIZED
 GCL GRADING CONTROL LINE
 GND GROUND
 GOV GOVERNMENT
 GP GRADING PLANE
 GPM GALLONS PER MINUTE
 GR GUARDRAIL
 GSP GALVANIZED STEEL PIPE
 HAZ HAZARDOUS
 HB HOSE BIBB
 HD HEAVY DUTY
 HDPE HIGH-DENSITY POLYETHYLENE
 HEX HEXAGONAL
 HH HANDHOLE
 HI HIGH
 HMAC
 HOR HORIZONTAL
 HP HIGH POINT
 HR HANDRAIL
 HS HIGH STRENGTH
 HST HOLLOW STEEL TIE
 HT HEIGHT
 HW HEADWALL
 HWY HIGHWAY
 ID INSIDE DIAMETER
 IE INVERT ELEVATION
 IJ INSULATED JOINT
 IN INCHES
 INC INCORPORATED
 INCL INCLUDE, INCLUDING
 INSUL INSULATION
 INT INTERIOR
 INV INVERT
 IR INSIDE RADIUS
 IRR IRRIGATION
 JB JUNCTION BOX
 JT JOINT
 LB POUNDS
 LEG LEGEND
 LF LINEAL FEET
 LG LONG
 LGT LIGHT
 LGTH LENGTH
 LH LEFT-HAND
 LIM LIMITS
 LN LANE
 LOC LOCATION
 LONG LONGITUDINAL
 LP LOW POINT
 LT LEFT
 LTG LIGHTING
 LVL LEVEL
 MAS MAXIMUM AUTHORIZED SPEED
 MAX MAXIMUM
 MECH MECHANICAL
 MED MEDIAN
 MEM MEMBRANE
 MET METAL
 MH MANHOLE, MAINTENANCE HOLE
 MIN MINIMUM
 MISC MISCELLANEOUS
 MOD MODIFIED
 MON MONUMENT
 MOW MAINTENANCE OF WAY
 MP MILEPOST
 MPH MILES PER HOUR
 MSE MECHANICALLY STABILIZED EARTH
 MSL MEAN SEA LEVEL
 MTL MATERIAL
 (N) NEW
 N NORTH
 N/A NOT APPLICABLE
 NB NORTHBOUND
 ND NOT IN CONTRACT
 NO NUMBER
 NOM NOMINAL
 NTS NOT TO SCALE
 OA OVERALL
 OB OUTBOUND
 OC ON CENTERS
 OCS OVERHEAD CONTACT SYSTEM
 OD OUTSIDE DIAMETER
 OG ORIGINAL GRADE
 OH OVERHEAD
 OP OVERPASS
 OPNG OPENING
 OPP OPPOSITE
 ORG ORGANIZATION
 PAX PASSENGER
 PB PULL BOX
 PC PORTLAND CEMENT, PRECAST CONCRETE
 PCC PORTLAND CEMENT CONCRETE
 PE PROFESSIONAL ENGINEER
 PED PEDESTRIAN
 PERM PERMEABLE
 PERF PERFORATED
 PF PLATFORM
 PG PAGE
 PGL PROFILE GRADE LINE
 PH POTHOLE
 PL PLATE
 P/L PROPERTY LINE
 PNA PERSONS NEEDING ASSISTANCE
 PNL PANEL
 PP POWER POLE
 PPP PERFORATED PLASTIC PIPE
 PAIR PAIR
 PSF POUNDS PER SQUARE FOOT
 PSI POUNDS PER SQUARE INCH
 PT POINT
 PVC POLYVINYL CHLORIDE
 PVMT PAVEMENT
 QTY QUANTITY
 (R) RELOCATED
 R RADIUS
 RC REINFORCED CONCRETE
 RCP REINFORCED CONCRETE PIPE
 RD ROAD
 RECT RECTANGULAR
 REF REFERENCE
 REINF REINFORCED
 REL RELOCATE
 REQD REQUIRED
 REV REVISION
 RH RIGHT-HAND
 RO ROUGH OPENING
 RR RAILROAD
 RT RIGHT
 RTE ROUTE
 RW RETAINING WALL
 ROW RIGHT-OF-WAY
 S SOUTH
 SALV SALVAGE
 SB SOUTH BOUND
 SCHED SCHEDULE
 SD STORM DRAIN
 SECT SECTION
 SERV SERVICE
 SF SQUARE FEET
 SG SUBGRADE
 SHT SHEET
 SIG SIGNAL
 SIM SIMILAR
 SL SLOPE
 SPEC SPECIFICATION
 SQ SQUARE
 SS STAINLESS STEEL, SANITARY SEWER
 ST STREET
 STA STATION
 STD STANDARD
 STIFF STIFFENER
 STL STEEL
 STRL STRUCTURAL
 STRUCT STRUCTURE
 SWK SIDEWALK
 SY SQUARE YARDS
 SYMB SYMBOL
 SYMM SYMMETRICAL
 UB UTILITY BOX
 UD UNDERDRAIN
 UG UNDERGROUND
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UTIL UTILITY
 VAR VARIES
 VEH VEHICULAR, VEHICLE
 VEL VELOCITY
 VERT VERTICAL
 VMB VISUAL MESSAGE BOARD
 VMS VISUAL MESSAGE SIGN
 VOL VOLUME
 W WEST
 W/ WITH
 W/O WITHOUT
 WB WESTBOUND
 WP WORK POINT
 WPF WATERPROOF
 WRT WITH RESPECT TO
 WT WEIGHT
 WWM WELDED WIRE MESH
 XING CROSSING
 XOVER CROSSOVER
 YD YARDS
 YR YEAR


REV	DATE	BY	CHK	APP	DESCRIPTION

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PENINSULA CORRIDOR JOINT POWERS BOARD

APPROVED BY:



1250 San Carlos Avenue
San Carlos, CA 94070

ENGINEERING MANAGER DEPUTY DIRECTOR OF ENGINEERING

STANDARD DRAWINGS

GENERAL ABBREVIATIONS

CIVIL AND TRACK

CADD FILE NO.:	SD-1101
REV	DATE
0	050111
GENERAL	
STANDARD NO.:	SD-1101

STATION COMMUNICATIONS

ACS	ADVANCED COMMUNICATION SYSTEM	PA	PUBLIC ADDRESS
		PAS	PUBLIC ADDRESS SYSTEM
BER	BIT-ERROR RATE	PDA	PERSONAL DIGITAL ASSISTANT
		PDU	POWER DISTRIBUTION UNIT
		PID	PASSENGER INFORMATION DISPLAY
CC	COMMUNICATIONS CABINET	PIDS	PASSENGER INFORMATION DISPLAY SYSTEM
CCF	CENTRAL CONTROL FACILITY	PIS	PASSENGER INFORMATION SYSTEM
CCTV	CLOSED CIRCUIT TELEVISION CAMERAS	PLC	PROGRAMMABLE LOGIC CONTROLLER
CER	COMMUNICATIONS EQUIPMENT ROOM	POE	POWER OVER ETHERNET
CIC	COMMUNICATIONS INTERFACE CABINETS	PSTN	PUBLIC SWITCHING TELEPHONE NETWORK
CID	CARD INTERFACE DEVICE	PTB	PROTECTED TERMINAL BLOCKS
CSMH	COMMUNICATIONS SYSTEM MANHOLE	PTT	PUSH TO TALK
		PVC	PRIVATE VIRTUAL CIRCUIT
CST	COMBINED SYSTEM TRUNK		
		QOS	QUALITY OF SERVICE
DC	DISTRIBUTION CABINET		
DDS	DEDICATED DIGITAL SERVICE	RPR	RESILIENT PACKET RING
DSO	SINGLE DATA CHANNEL OF 56-65 Kbps	RTU	REMOTE TERMINAL UNIT (COMMUNICATIONS)
E&M	EAR AND MOUTH	SCC	STATION COMMUNICATION CABINET
E-LAN	ETHERNET LAN	SFX	SMALL FORM (PLUGGABLE) CROSS-CONNECT
EOS	ETHERNET OVER SONET		
EPL	ETHERNET PRIVATE LINE	SLA	SERVICE LEVEL AGREEMENT
EVC	ETHERNET VIRTUAL CIRCUIT	SM	SINGLE MODE
EVPL	ETHERNET VIRTUAL PRIVATE LINE	SMFOC	SINGLE-MODE FIBER OPTIC CABLE
EVPLAN	ETHERNET VIRTUAL PRIVATE LAN	SNMP	SIMPLE NETWORK MANAGEMENT PROTOCOL
FDP	FIBER DISTRIBUTION PANEL	SONET	SYNCHRONOUS OPTICAL NETWORK
FO	FIBER OPTIC	SPDU	SWITCHED POWER DISTRIBUTION UNIT
FOC	FIBER OPTIC CABLE		
FPS	FRAME PER SECOND	T1C	SINGLE DATA CHANNEL OF 1.544 Mbps
FSE	FIBER SLACK ENCLOSURE	T1MUX	A MULTIPLEXING DEVICE BY WHICH A SINGLE T1 CHANNEL IS UTILIZED TO PROVIDE DSO CHANNELS
GBIC	GIGABIT INTERFACE CONVERTER	TDM	TIME DIVISION MULTIPLEXING
GBPS	GIGABITS PER SECOND	TTB	TELEPHONE TERMINAL BOARD
GRP	GLASS REINFORCED PLASTIC ROD		
GRS	GALVANIZED RIGID STEEL	UPS	1000 MBPS SWITCH EXPANSION PORTS
GUI	GRAPHICAL USER INTERFACE	UP-LINK	UNINTERRUPTIBLE POWER SUPPLY
		UPSR	UNIDIRECTIONAL PATH SWITCH RING
IP	INTERNET PROTOCOL	UTP	UNSHIELDED TWISTED PAIR
Kbps	KILO BITS PER SECOND	VCAT	VIRTUAL CONCATENATION
		VLAN	VIRTUAL LOCAL AREA NETWORK
LAN	LOCAL AREA NETWORK	VMS	VISUAL MESSAGE SIGN
LCD	LIQUID CRYSTAL DISPLAY	VPN	VIRTUAL PRIVATE NETWORK
LDF	LOCAL DISTRIBUTION FRAME		
LID	LOCAL INJECTION AND DETECTION (FUSION SPLICING)	WA	WORK AREA
LPM	LOCAL PAGING MICROPHONE	WAN	WIDE AREA NETWORK
		WAP	WIRELESS APPLICATION PROTOCOL
		WCM	WAYSIDE COMMUNICATIONS MANAGER
Mbps	MEGA BITS PER SECOND		
MDF	MAIN DISTRIBUTION FRAME		
MDPE	MEDIUM DENSITY POLYETHYLENE (CABLE SHEATH)		
MEF	METRO ETHERNET FORUM		
MIC	MICROPHONE		
MM	MULTI-MODE		
MMFOC	MULTI-MODE FIBER OPTIC CABLE		
MOPE	MAIN POINT OF ENTRY		
MS	MILLISECOND		
MSP	MULTI-SERVICE PROVISIONING PLATFORM		
NID	NETWORK INTERFACE DEVICE		
NMS	NETWORK MANAGEMENT SYSTEM		
NTP	NETWORK TIME PROTOCOL		
NVR	NETWORK VIDEO RECORDER		
OCC	OPERATION CONTROL CENTER		
OSP	OUTSIDE PLANT		

SIGNALS

AK	APPROACH TRACK INDICATION
BS	BOLT CENTERS
DAX	DOWNSTREAM ADJACENT CROSSING
EMS	EMERGENCY ALARM CONTROL CIRCUITS
FLT	SIGNAL FLEETING
FR	FLASHER RELAY
GCR	GATE CONTROL RELAY
GD	GATE DOWN
GE	GREEN SIGNAL LAMP
GPR	GATE REPEATER RELAY (GATE IN UP POSITION)
LOS	LOSS OF SHUNT
NGHS	NORTHWARD SIGNAL REQUEST
NGK	NORTHWARD SIGNAL CLEAR INDICATION
NJSP	DUAL SELECTOR LEVER
NWK	NORMAL SWITCH INDICATION
NWP	NORMAL SWITCH POINT POSITION
NWR	NORMAL SWITCH CONTROL RELAY
NWS	NORMAL SWITCH REQUEST
RE	RED SIGNAL LAMP
RWK	REVERSE SWITCH INDICATION
RWP	REVERSE SWITCH POINT POSITION
RWR	REVERSE SWITCH CONTROL RELAY
RWS	REVERSE SWITCH REQUEST
SGHS	SOUTHWARD SIGNAL REQUEST
SGK	SOUTHWARD SIGNAL CLEAR INDICATION
TEK	SIGNAL IN TIME INDICATION
TJC	TUNED JOINT COUPLER
TK	OS TRACK INDICATION
TOB	TON PER OPERATIVE BRAKE
UAX	UPSTREAM ADJACENT CROSSING
WBC	SWITCH CONTROL RELAY BACK CHECK
XR	CROSSING CONTROL RELAY
YE	YELLOW SIGNAL LAMP

TRAIN CONTROL COMMUNICATION

AC	ALTERNATING CURRENT
AMP	AMPLIFIER
ATCS	ADVANCE TRAIN CONTROL SYSTEM
BER	BIT ERROR RATE
BPF	BAND PASS FILTER
BS	BASE STATION
C	CONDUIT
CCF	CENTRAL CONTROL FACILITY
CEMOP	CENTRALIZED EQUIPMENT MAINTENANCE AND OPERATIONS FACILITY
CP	CONTROL POINT
CRC	CYCLIC REDUNDANCY CHECKS
CSU	CHANNEL SERVICE UNIT
CTC	CENTRALIZED TRAIN CONTROL
CTCSS	CONTINUOUS-TONE-CODED SQUELCH SYSTEM
dB	DECIBEL
dBm	DECIBEL REFERENCED TO A MILLIWATT
dBW	DECIBEL REFERENCED TO A WATT
DBU	DIAL BACKUP
DC	DIRECT CURRENT
DED	DRAGGING EQUIPMENT DETECTOR
DSU	DATA SERVICE UNIT
DTX	DIGITAL TOUCH EXCHANGE
EIA	ELECTRONIC INDUSTRIES ALLIANCE
ELEV	ELEVATION
ERP	EFFECTIVE RADIATED POWER
FAA	FEDERAL AVIATION ADMINISTRATION
FAT	FACILITY ACCEPTANCE TEST
FCC	FEDERAL COMMUNICATIONS COMMISSION
FDP	FIBER DISTRIBUTION PANEL
FEC	FORWARD ERROR CONNECTION
FM	FREQUENCY MODULATION
FO	FIBER OPTIC
FPP	FIBER PATCH PANEL
FR	FRAME RELAY
GMSK	GAUSSIAN MINIMUM SHIFT KEYING
GPS	GLOBAL POSITIONING SYSTEM
ISDN	INTERGRADED SERVICES DIGITAL NETWORK
JB	JUNCTION BOX
KO	KEYBOARD OPERATOR
KVM	KEYBOARD VIDEO MOUSE
LAN	LOCAL AREA NETWORK
M.P.XX	RAILROAD MILE POST
MAS	MULTIPLE ADDRESSING SCHEME
MC	MEDIA CONVERTER
MDF	MAIN DISTRIBUTION FRAME
MOW	MAINTENANCE OF WAY
MSL	MEAN SEA LEVEL
MUX	MULTIPLEXER
NIC	NETWORK INTERFACE CARD
NMS	NETWORK MANAGEMENT SYSTEM
OCC	OPERATIONS CONTROL CENTER
PTT	PUSH TO TALK
RF	RADIO FREQUENCY
ROCS	RAIL OPERATIONS CONTROL SYSTEM
RX	RECEIVE


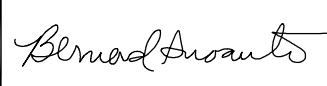

TRAIN CONTROL COMMUNICATION (CON'T)

S	SPEAKER
SB	SAN BRUNO MOUNTAIN BASE STATION
SINAD	SIGNAL TO NOISE AND DISTORTION
SVR	SERVER
TC/C	TRAIN CONTROLS AND COMMUNICATION
TCT	TRAIN CONTROL TRENCH
TX	TRANSMITTER
UHF	ULTRA HIGH FREQUENCY
UL	UNDERWRITERS LABORATORY
UPRR,UP	UNION PACIFIC
VHF	VERY HIGH FREQUENCY
VHLC	VITAL HARMON LOGIC CONTROLLER (GE)
W	WATT
WRT	WITH RESPECT TO
CITIES AND COUNTIES	
CATH	CITY OF ATHERTON
CBEL	CITY OF BELMONT
CBUR	CITY OF BURLINGAME
CGIL	CITY OF GILROY
CMIL	CITY OF MILLBRAE
CMV	CITY OF MOUNTAIN VIEW
CPA	CITY OF PALO ALTO
CRWC	CITY OF REDWOOD CITY
CSB	CITY OF SAN BRUNO
CSC	CITY OF SAN CARLOS
CSJ	CITY OF SAN JOSE
CSM	CITY OF SAN MATEO
CSCL	CITY OF SANTA CLARA
CSSF	CITY OF SOUTH SAN FRANCISCO
CSV	CITY OF SUNNYVALE
CCSF	CITY AND COUNTY OF SAN FRANCISCO
COSM	COUNTY OF SAN MATEO
COSCL	COUNTY OF SANTA CLARA

AGENCIES, ORGANIZATIONS AND CODES

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AAR	ASSOCIATION OF AMERICAN RAILROADS
ACE	ALTAMONT CORRIDOR EXPRESS
ACI	AMERICAN CONCRETE INSTITUTE
ADA	AMERICANS WITH DISABILITIES ACT
AMTRAK	NATIONAL RAILROAD PASSENGER CORPORATION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AREA	AMERICAN RAILWAY ENGINEERING ASSOCIATION
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATT, AT&T	ATLANTIC TELEPHONE AND TELEGRAPH COMPANY
AWG	AMERICAN WIRE GAUGE
AWS	AMERICAN WELDING SOCIETY
BART	BAY AREA RAPID TRANSIT (DISTRICT)
BNSF	BURLINGTON NORTHERN SANTA FE
CA	CALIFORNIA
CALCAS	CALIFORNIA ACCESS COMPLIANCE SOURCE
CALDAG	CALIFORNIA DISABLED ACCESSIBILITY GUIDEBOOK
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION
CCJPA	CAPITAL CORRIDOR JOINT POWERS AUTHORITY
CCR	CALIFORNIA CODE OF REGULATIONS
CEC	CALIFORNIA ELECTRICAL CODE
CHSR	CALIFORNIA HIGH SPEED RAIL
CHSRA	CALIFORNIA HIGH SPEED RAIL AUTHORITY
CPUC	CALIFORNIA PUBLIC UTILITIES COMMISSION
DOT	DEPARTMENT OF TRANSPORTATION
EIA	ELECTRONICS INDUSTRIES ALLIANCE
FCC	FEDERAL COMMUNICATIONS COMMISSION
FED	FEDERAL
FHWA	FEDERAL HIGHWAY ADMINISTRATION
FRA	FEDERAL RAILROAD ADMINISTRATION
FTA	FEDERAL TRANSIT ADMINISTRATION
HST	HIGH SPEED TRAIN
JPB	(PENINSULA CORRIDOR) JOINT POWERS BOARD
MTC	METROPOLITAN TRANSPORTATION COMMISSION
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
PCJPB, JPB	PENINSULA CORRIDOR JOINT POWERS BOARD
PCMCIA	PERSONAL COMPUTER MEMORY CARD INTERNATIONAL ASSOCIATION
PG&E	PACIFIC GAS AND ELECTRIC
SAMTRANS	SAN MATEO COUNTY TRANSIT DISTRICT
SCVTA	SANTA CLARA VALLEY TRANSPORTATION AUTHORITY
SFMTA	SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY
SMCTA	SAN MATEO COUNTY TRANSPORTATION AUTHORITY
SPTC, SP	SOUTHERN PACIFIC TRANSPORTATION COMPANY (NOW UPRR)
TASI	TRANSIT AMERICA SERVICES, INC.
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TJPA	TRANSBAY JOINT POWERS AUTHORITY
UBC	UNIFORM BUILDING CODE
	UNDERWRITERS LABORATORIES
UPC	UNIFORM PLUMBING CODE
UPRR, UP	UNION PACIFIC RAILROAD
VTA	SANTA CLARA VALLEY TRANSPORTATION AUTHORITY

REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD		STANDARD DRAWINGS	CADD FILE NO.: SD-1102
APPROVED BY:			REV: 0 DATE: 061511
 ENGINEERING MANAGER	 DEPUTY DIRECTOR OF ENGINEERING		GENERAL SIGNAL, TRAIN CONTROL, AND STATION COMMUNICATIONS
1250 San Carlos Avenue San Carlos, CA 94070			STANDARD NO.: SD-1102

