

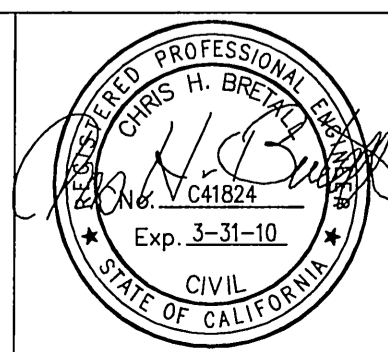
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AS BUILT
DATE 9-14-10

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MARK REVISIONS APPR. DATE
DESIGNED BY SA DRAWN BY SA CHECKED BY CB

COLUMBIA AVENUE OVERPASS AT BNSF RAILROAD

ACCT. NO. -

INDEX OF DRAWINGS

R-4036
K-01

SHEET 2 OF 103

LEGEND*:

- UTILITY/POWER POLE
- ⊙ SEWER MANHOLE
- ① STORM DRAIN MANHOLE
- ① TELEPHONE MANHOLE
- ⊙ UNKNOWN MANHOLE
- ⊙ FIRE HYDRANT
- ⊙ FLOOD LIGHT
- ⊙ HOSE BIB
- ⊙ SEWER CLEANOUT
- ⊙ WATER VALVE
- ⊙ GAS VALVE
- ⊙ WATER METER
- ⊙ GAS METER
- ⊙ WATER VAULT
- ⊙ GAS VAULT
- ⊙ TELEPHONE VAULT
- ⊙ ELECTRIC VAULT
- ⊙ MONITORING WELL
- ⊙ STREET LIGHT
- ⊙ TRAFFIC SIGNAL
- ⊙ GUY WIRE
- ⊙ RAILROAD SIGNAL
- ⊙ CAR STOP
- SIGNAL PULLBOX
- CABLE TV PULLBOX
- TELEPHONE PULLBOX
- COMMUNICATIONS PULLBOX
- UNKNOWN PULLBOX
- ⊙ FIRE DEPT CONNECTION
- ⊙ CHAIN LINK FENCE
- ⊙ WROUGHT IRON FENCE
- ⊙ WOOD FENCE
- ⊙ BLOCK WALL
- ⊙ TREE
- ⊙ PALM
- ⊙ PINE
- ⊙ BUSH
- ⊙ ELECTRICAL TRANSFORMER
- ⊙ PHONE BOOTH
- (12.56) EXISTING ELEVATION CENTERLINE
- ⊙ SLOPE
- ⊙ LANDSCAPING
- ⊙ CONCRETE
- ⊙ IRRIGATION VALVE
- ⊙ GUARD POST
- ⊙ CENTERLINE
- ⊙ PROPERTY LINE
- ⊙ FLOW LINE
- ⊙ UTILITY MARKER
- ⊙ GRATE
- ⊙ HANDICAP
- ⊙ FLAG POLE
- ⊙ FIRE SPRINKLER RISER
- ⊙ SURVEY MONUMENT
- ⊙ EXISTING SIGN POST
- ⊙ PROPOSED SIGN
- ⊙ EXISTING STREET NAME SIGN
- SNS STREET NAME SIGN
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

* SEE CITY PUBLIC UTILITY DIVISION PLANS FOR ADDITIONAL LEGEND AND SYMBOLOLOGY

ABBREVIATIONS:

- & AND
- △ ANGLE POINT
- AT AT
- ° DEGREE(S)
- φ DIAMETER
- FOOT or FEET or MINUTE(S)
- INCH or INCHES or SECOND(S)
- % PERCENT
- # POUND or NUMBER
- AB AGGREGATE BASE
- ABT ABOUT
- ABUT ABUTMENT
- AC ASPHALT CONCRETE
- ADD'L ADDITIONAL
- ALT ALTERNATE
- APPROX APPROXIMATELY
- APWA AMERICAN PUBLIC WORKS ASSOCIATION
- AS AGGREGATE SUBBASE
- ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
- AVE AVENUE
- BC BEGIN CURVE
- BK BACK
- BNSF BURLINGTON NORTHERN & SANTA FE
- BVC BEGIN VERTICAL CURVE
- BW BACK OF WALK (SIDEWALK)
- CAL CALIFORNIA
- CALTRANS STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
- CB CATCH BASIN
- C-C CENTER-TO-CENTER
- CF CURB FACE
- CIP CAST IRON PIPE
- CIDH CAST-IN-DRILLED-HOLE
- CIPCP CAST-IN-PLACE-CONCRETE-PIPE
- CL OR C CENTERLINE
- CLR CLEAR
- CMP CORRUGATED METAL PIPE
- CORR CORRUGATED
- CONST CONSTRUCTION
- CONST JT CONSTRUCTION JOINT
- CP CONTROL POINT
- CPUC or PUC CALIFORNIA PUBLIC UTILITIES COMMISSION
- CRSI CONCRETE REINFORCING STEEL INSTITUTE
- CTR(s) CENTER(S)
- D DELTA
- DESC DESCRIPTION
- DGAC DENSE GRADE ASPHALT CONCRETE
- DIA DIAMETER
- DOT DEPARTMENT OF TRANSPORTATION
- DWG DRAWING
- E EAST or EASTERLY or EASTING
- EC END CURVE
- ELEC ELECTRIC OR ELECTRICAL
- ELEV ELEVATION
- EL or ELEV ELEVATION
- EP EDGE OF PAVEMENT
- EPDM ETHYLENE-PROPYLENE-DIENE-MONOMERS
- EQ EQUAL
- EVC END VERTICAL CURVE
- EX or EXIST EXISTING
- FF FAR FACE
- FG FINISH GRADE
- FL FLOWLINE
- FT FOOT or FEET
- FTG FOOTING
- G GRADE
- GC GRADE CHANGE
- GB GRADE BREAK
- ga GAGE
- GALV GALVANIZED
- GV GAS VALVE, GATE VALVE
- HORIZ, HOR HORIZONTAL
- HMA HOT-MIX ASPHALT
- IVC IRRIGATION CONTROL VALVE
- ID INSIDE DIAMETER
- IN INCH or INCHES
- INV INVERT
- JS JUNCTION STRUCTURE
- L LENGTH
- LAT LATERAL
- LB POUND
- LF LINEAR FEET
- LH LEFT HAND
- LOL LAYOUT LINE
- LT LEFT

- MAINT MAINTENANCE
- MAX MAXIMUM
- MB MAILBOX
- MFR MANUFACTURER
- MH MANHOLE
- MIN MINIMUM
- M/L MAINLINE
- MPH MILES PER HOUR
- N NORTH or NORTHERLY or NORTHING
- NF NEAR FACE
- NO NUMBER or NORTHERN
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- OC ON CENTER
- OG ORIGINAL GROUND
- PB PULLBOX
- PCC PORTLAND CEMENT CONCRETE
- PC POINT OF CURVATURE
- PG PROFILE GRADE
- PL PLACE
- P PLATE
- PL PROPERTY OF LINE
- POB POINT OF BEGINNING
- POC POINT OF CURVE
- POE POINT OF ENDING
- POT POINT ON TANGENT
- POVC POINT OF VERTICAL CURVE
- PRC POINT OF REVERSE CURVATURE
- PROP PROPOSED
- PSI POUNDS PER SQUARE INCH
- PT POINT OF TANGENCY
- PVC POLY VINYL CHLORIDE or POINT OF VERTICAL CURVE
- PVI POINT OF VERTICAL INTERSECTION
- PVRC POINT OF VERTICAL REVERSE CURVATURE
- PVT POINT OF VERTICAL TANGENCY
- RCB OR RC BOX REINFORCED CONCRETE BOX
- R.C.F.C & W.C.D RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
- RCP REINFORCED CONCRETE PIPE
- RCV REMOTE CONTROL VALVE
- REINF REINFORCEMENT
- RH RIGHT HAND
- RR RAILROAD
- RT RIGHT
- R/W RIGHT-OF-WAY
- S SOUTH or SOUTHERLY
- SD STORM DRAIN
- SDMH STORM DRAIN MANHOLE
- SHT SHEET
- SIC TRAFFIC SIGNAL INTERCONNECT CONDUIT
- SO SOUTHERN
- SPPWC STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
- SQ SQUARE
- SS SANITARY SEWER
- SSMH SANITARY SEWER MANHOLE
- ST STREET
- STA STATION
- STD STANDARD
- STR STREET
- SW, SWK SIDEWALK
- SYMM SYMMETRICAL
- T TANGENT
- TANSAT TOW-AWAY NO STOPPING ANY TIME
- TC TOP OF CURB
- TELE TELEPHONE
- TG TOP OF GRATE
- TW TOP OF WALL
- TYP TYPICAL
- UD UNDERDRAIN
- UP UNDERPASS
- VAR VARIES or VARIABLE
- VC VERTICAL CURVE
- VCP VITRIFIED CLAY PIPE
- VERT VERTICAL
- W WEST or WESTERLY
- W/ WITH
- WV WATER VALVE
- WM WATER METER
- x BY
- XING CROSSING

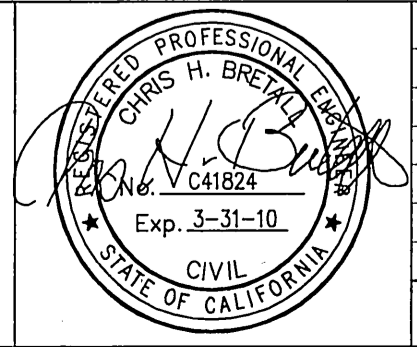
SURVEY CONTROLS:

BASIS OF BEARINGS
NORTH 00°32'47" EAST ALONG THE CENTERLINE OF IOWA AVENUE BETWEEN MARLBOROUGH AVENUE AND COLUMBIA AVENUE AS DERIVED FROM CITY OF RIVERSIDE CONTROL POINTS 109 AND 517B

BENCH MARK
CITY OF RIVERSIDE BENCH MARK JB-A3 DESCRIBED AS FOLLOWS:
"BRASS DISK STAMPED "JB-A" IN A MONUMENT WELL AT THE CENTERLINE INTERSECTION OF IOWA AVENUE AND MARLBOROUGH AVENUE"
ELEVATION 929.11 DATUM 1929 ADJUSTMENT YEAR 1971

AS BUILT
DATE 9-14-10

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DMJM HARRIS AECOM 800 NORTH HAVEN, SUITE 410 ONTARIO, CA 91764 T (909)291-8150 F (909)291-8166		COLUMBIA AVENUE OVERPASS AT BNSF RAILROAD LEGEND, ABBREVIATIONS & SURVEY CONTROLS	ACCT. NO. - R-4036 K-02 SHEET <u>3</u> OF <u>103</u>
DESIGNED BY SA DRAWN BY SA CHECKED BY CB		MARK REVISIONS APPR. DATE	