

RIVERSIDE CALIFORNIA



PUBLIC WORKS DEPARTMENT

COLUMBIA AVENUE OVERPASS AT BNSF RAILROAD

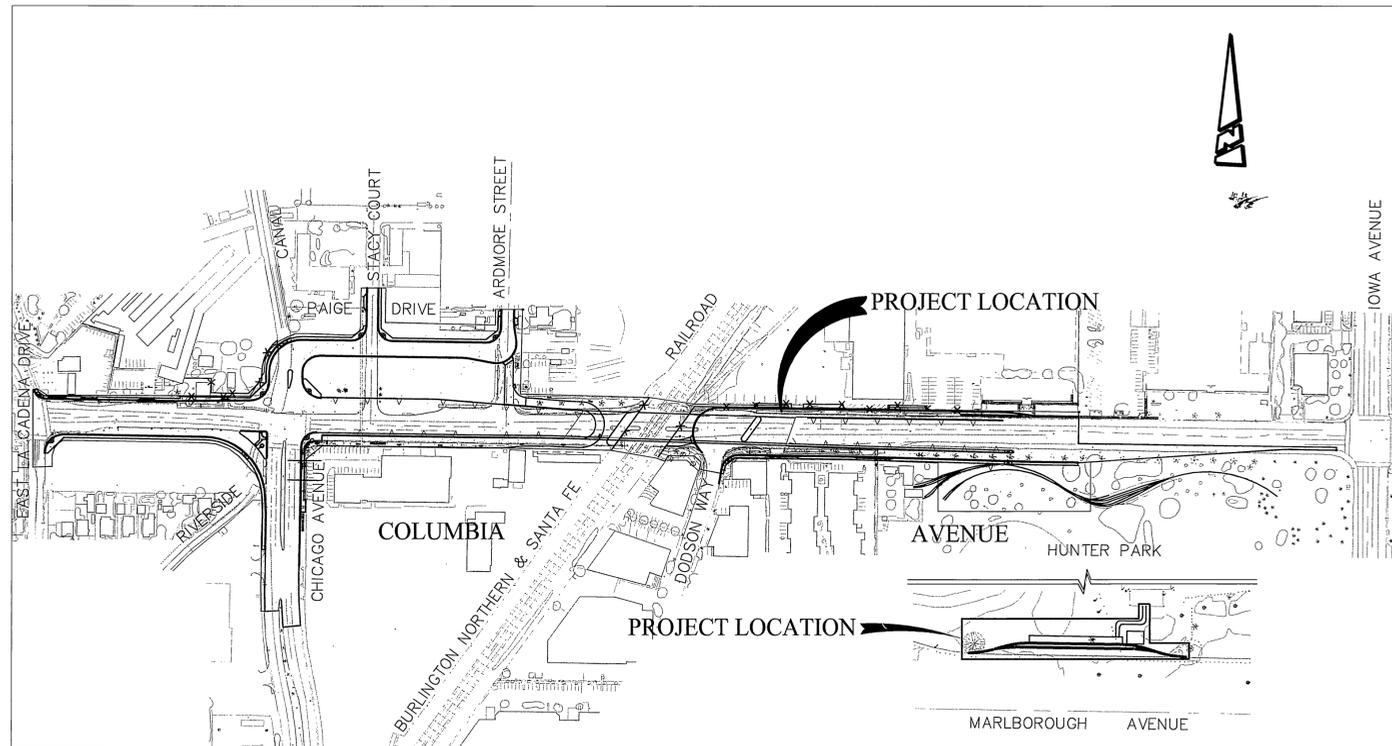
BURLINGTON NORTHERN SANTA FE RAILROAD SAN BERNARDINO SUBDIVISION - MP 7.90

REMOVAL NOTES:

- 1 SAW CUT LINE
- 2 REMOVE POWER POLE
- 3 RELOCATE FIRE HYDRANT, WATER METER OR WATER FACILITIES (BY CITY PUBLIC UTILITIES)
- 4 REMOVE STREET LIGHT AND STREET LIGHT PULL BOXES
- 5 REMOVE TREE
- 6 REMOVE GUY POLE (BY OTHERS)
- 7 REMOVE GRADE CROSSING GATE (BY OTHERS)
- 8 REMOVE GRADE CROSSING SIGNAL (BY OTHERS)
- 9 REMOVE STRUCTURE
- 10 RELOCATE GUY WIRE (BY OTHERS)
- 11 RELOCATE POWER POLE (BY OTHERS)
- 12 RELOCATE PALM TREE TO NEW LOCATION APPROVED BY ENGINEER
- 13 REMOVE FENCE
- 14 RELOCATE BUSINESS SIGN TO NEW LOCATION APPROVED BY ENGINEER
- 15 REMOVE ELECTRICAL VAULT (BY OTHERS)
- 16 REMOVE EXISTING DRAINAGE INLET
- 17 REMOVE EXISTING DRAINAGE CONDUIT
- 18 REMOVE MBGR
- 19 REMOVE GATE
- 20 RELOCATE (AT&T) TELEPHONE FACILITY (BY OTHERS)
- 21 ELECTRIC VAULT TO ADJUST TO GRADE (BY OTHERS)
- 22 RELOCATE SIGN TO NEW LOCATION APPROVED BY ENGINEER
- 23 RELOCATE BACKFLOW FACILITIES (BY OTHERS)
- 24 REMOVE AC DIKE
- 25 REMOVE IRRIGATION CONTROL BOX
- 26 RELOCATE MAILBOXES TO NEW LOCATION APPROVED BY ENGINEER
- 27 REMOVE GROUTED STONE RETAINING WALL
- 28 RELOCATE RCV
- 29 RELOCATE GATE VALVE
- 30 RELOCATE ELECTRICAL OUTLET
- 31 REMOVE MAIL BOX
- 32 REMOVE WATER METER AND ABANDON WATER SERVICE LINE (BY CITY PUBLIC UTILITIES)
- 33 RELOCATE EXISTING PRIVATE FIRE HYDRANT TO NEW LOCATION SHOWN, PER NFPA 24—STANDARD FOR INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES. CONTRACTOR TO SUBMIT WORKING PLANS TO THE ENGINEER FOR APPROVAL BY THE CITY'S FIRE DEPARTMENT. SEE THE REFERENCE DOCUMENTS SECTION OF THE PROJECT SPECIFICATIONS FOR THE RECORD DRAWING OF THE EXISTING FIRE HYDRANT PLUMBING.
- 34 REMOVE EXISTING RETAINING WALL
- 35 REMOVE EXIST CONCRETE PANELS
- 36 RELOCATE 10" FIRE SERVICE TO STA 25+67. EXACT LOCATION TO BE DETERMINED IN THE FIELD AND COORDINATED WITH RPU WATER DIVISION.
- 37 RELOCATE 4" FIRE SERVICE TO STA 24+63. EXACT LOCATION TO BE DETERMINED IN THE FIELD AND COORDINATED WITH RPU WATER DIVISION.
- 38 REMOVE EXISTING ISLAND

CONSTRUCTION NOTES:

- 1 CONSTRUCT AC PAVEMENT (0.55' HMA ON 0.90' AB ON 1.10' AS)
- 2 CONSTRUCT AC PAVEMENT (0.55' HMA ON 1.05' AB)
- 3 CONSTRUCT AC PAVEMENT (0.40' HMA ON 0.60' AB ON 0.75' AS)
- 4 CONSTRUCT AC PAVEMENT (0.40' HMA ON 0.70' AB)
- 5 CONSTRUCT 4" AC PAVEMENT
- 6 CONSTRUCT STAMPED CONCRETE (PATTERN AND COLOR TO MATCH EXISTING MEDIAN ON CHICAGO AVENUE)
- 7 PROTECT IN PLACE
- 8 ADJUST TO GRADE
- 9 CONSTRUCT TYPE 60D BARRIER PER CALTRANS STD. PLAN A76A
- 10 CONSTRUCT FULL DEPTH AC ON COMPACTED SUBGRADE (1.30' HMA)
- 11 CONSTRUCT 6' CHAIN LINK FENCE PER STD. DWG. NO. 380
- 12 CONSTRUCT DRIVE GATE PER STD. DWG. NO. 380
- 13 CONSTRUCT DRIVEWAY PER STD. DWG. NO. 302 TYPE CURB-I. (SEE PLAN FOR DETAILS)
- 14 CONSTRUCT 4' CHAIN LINK FENCE PER STD. DWG. NO. 380
- 15 GRIND (2" DEEP) EXISTING PAVEMENT
- 16 CONSTRUCT AC OVERLAY (THICKNESS VARIES)
- 17 CONSTRUCT DETECTABLE WARNING SURFACE PER CALTRANS STD. PLAN AB8A
- 18 CONSTRUCT AC PAVEMENT (SEE PLAN FOR THICKNESS)
- 19 RE-ESTABLISH MEDIAN PLANTING & IRRIGATION TO MATCH EXISTING
- 20 CONSTRUCT ORNAMENTAL RAILING PER DETAIL ON SHEET C-20 (DIRECT MOUNT-50 PLF STANDARD PER KEYSTONE SPECIFICATIONS)
- 21 CONSTRUCT KEYSTONE GRAVITY WALL (OR APPROVED EQUAL) STANDARD UNIT 24" (STRAIGHT FACE) WITH 3000-GRAY SPLIFFAGE FINISH
- 22 CONSTRUCT 83.0' CHAINLINK ROLLING GATE AS DIRECTED IN THE SPECIFICATIONS
- 23 INSTALL GUARD POST PER DETAIL ON SHEET C-20
- 24 CONSTRUCT TRINITY ATTENUATING CRASH CUSHION (TRACC), OR APPROVED EQUAL, PER MANUFACTURER'S SPECIFICATIONS TEST LEVEL=3, WIDTH=24", LENGTH=21', "GORE AREA" NOSE DELINEATION OPTION
- 25 CONSTRUCT MODIFIED TYPE C PASSAGEWAY PER CALTRANS STD. PLAN AB8B
- 26 CONSTRUCT 2" AC PAVING BETWEEN WALL AND TYPE II CURB--
- 27 CONSTRUCT TIMBER TIE RETAINING WALL (MATCH EXISTING)
- 28 CONSTRUCT 4" C.I. PIPE CURB DRAIN PER APWA STD. PLAN 150-2
- 29 GRADE AREA FOR 110' X 8' TRAIN STATION AS SHOWN ON PLAN AND CONSTRUCT 4" CONCRETE PAD AND STATION CANOPY AS SHOWN ON TYPICAL SECTION PER SHEET C-24.
- 30 GRADE AREA FOR 20' X 15' STEEL STORAGE CONTAINER AS SHOWN ON PLAN AND CONSTRUCT 4" CONCRETE PAD.
- 31 INSTALL GATE VALVE IN VAULT PER ENGINEER'S DIRECTION
- 32 CONTRACTOR TO PROVIDE ELECTRICAL SERVICE PER SHT. C-23.
- 33 CONSTRUCT SLURRY SEAL



LEGEND

EXISTING UTILITIES:

- SANITARY SEWER — SS —
- WATER LINE — W —
- STORM DRAIN — SD —
- GAS LINE — G —
- OVERHEAD ELECTRIC LINE — OH —
- UNDERGROUND ELECTRIC LINE — UG —

PROPOSED UTILITIES:

- SANITARY SEWER — SS —
- WATER LINE — W —
- STORM DRAIN — SD —

PROJECT LOCATION MAP

NOT TO SCALE

AS BUILT
DATE 9-14-10

SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- E POWER POLE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION
- FH FIRE HYDRANT TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION
- ADJ ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- PIP PROTECT IN PLACE
- VAR OL CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.10' MINIMUM THICKNESS)
- WS WATER SERVICE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION AT TIME OF CONSTRUCTION.
- A 6 INDICATES DETAIL INDICATES SHEET NO.
- CATV EXISTING CABLE TELEVISION FACILITIES TO BE RELOCATED BY CHARTER COMMUNICATIONS.
- 304 I INDICATES CITY OF RIVERSIDE STANDARD PLAN INDICATES TYPE OF STANDARD (E.G. TYPE I)

GENERAL CONSTRUCTION NOTES

- 1 UTILITY LINES SHOWN ARE BASED UPON A SEARCH OF AVAILABLE RECORDS. THERE IS NO ASSURANCE THAT THE LOCATION OF SUBSTRUCTURES SHOWN ARE ACCURATE. PRIOR TO ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA (DIG ALERT) TO MARK THE LOCATION OF ALL SUBSTRUCTURES, WHETHER SHOWN OR NOT ON THESE DRAWINGS. AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF FIELD MARKING, THE CONTRACTOR SHALL USE PRECAUTION WHEN EXCAVATING. SUBSTRUCTURES ENCOUNTERED SHALL BE EXPOSED AND THE ENGINEER NOTIFIED OF THEIR EXISTENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL SUBSTRUCTURES, WHETHER SHOWN OR NOT, ON THESE DRAWINGS. THE CONTRACTOR SHALL REPAIR, AT HIS/HER EXPENSE, ANY SUBSTRUCTURES DAMAGE CAUSED BY HIS/HER OPERATIONS.
- 2 ALL ELEVATIONS AND OFFSETS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, AND VERIFIED PRIOR TO CONSTRUCTION. ALL ELEVATIONS, OFFSETS, AND DIMENSIONS SHOWN FOR RETAINING WALLS AND DRIVEWAYS ON OR ADJACENT TO PRIVATE PROPERTY SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- 3 PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
- 4 PRIOR TO ISSUANCE OF GRADE SHEETS FOR ANY PROPOSED SEWER OR STORM DRAIN FACILITIES, CONTRACTOR SHALL EXPOSE ALL UTILITIES WHICH CROSS OR MAY BE IN CONFLICT WITH THE PROPOSED SEWER AND STORM DRAIN FACILITIES AND COORDINATE WITH THE INSPECTOR TO HAVE THE LOCATION AND ELEVATION VERIFIED BY SURVEYOR.
- 5 CONTRACTOR TO GIVE CITY PUBLIC UTILITIES DEPARTMENTS AT LEAST FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF ANY CONSTRUCTION.
- 6 ALL GRADING SLOPES SHALL BE 4:1 MAX UNLESS NOTED OTHERWISE.

DWG: P:\60004223 Columbia Grade Sep\CADD\Civil\Sheet\COVER SHEET.dwg
TIME: 7-10-08 - 5:01pm User: surymegac XRef Files: xtopo xbar-coversheet xrd-culu xtopo_station xstation xrd_lowo

DMJM HARRIS AECOM 800 NORTH HAVEN, SUITE 410 ONTARIO, CA 91764 T (909)291-8150 F (909)291-8166		CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] DATE: 7/11/08 CONST. CONTRACT ADMIN. BY: [Signature] DATE: 7/11/08 PRINCIPAL ENGINEER BY: [Signature] DATE: 7/11/08 SURVEYOR BY: [Signature] DATE: 7/11/08 TRAFFIC DIVISION BY: [Signature] DATE: 7/11/08 PARKS DEPARTMENT BY: [Signature] DATE: 7/11/08		COLUMBIA AVENUE OVERPASS AT BNSF RAILROAD COVER SHEET SHEET 1 OF 103	ACCT. NO. - R-4036
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