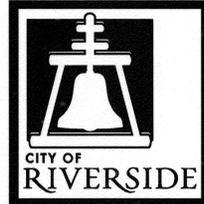


**GENERAL NOTES:**

- PRIME CONTRACTOR BIDDING THIS PROJECT SHALL HAVE A CLASS "A" OR CLASS "C-12" LICENSE.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS AND THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", 2009 EDITION.
- THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WITHIN THE CONSTRUCTION WORK AREAS.
- ANY TEMPORARY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN ONE DAY AFTER NOTIFICATION FROM THE CITY INSPECTOR.
- STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP'S SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL STRIPING AND PAVEMENT MARKING. STRIPING AND PAVING WORK SHALL BE COMPLETED PER PLANS, CITY STANDARDS AND SPECIAL PROVISIONS.
- SURVEY STAKING REQUESTS AND GRADE SHEETS WILL BE REQUIRED FOR THE CONSTRUCTION OF THE IMPROVEMENTS. CONTRACTOR SHALL ALLOW 4 WORKING DAYS AFTER REQUESTING SURVEY TO SCHEDULE SURVEY AND PROCESS GRADE SHEETS. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR ALL REQUIRED CONSTRUCTION SURVEY WORK BY CITY PERSONNEL.

# RIVERSIDE CALIFORNIA



## PUBLIC WORKS DEPARTMENT

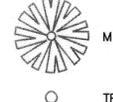
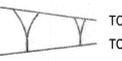
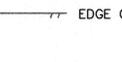
### STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS BURLINGTON NORTHERN SANTA FE SAN BERNARDINO SUBDIVISION 10 LOCATIONS

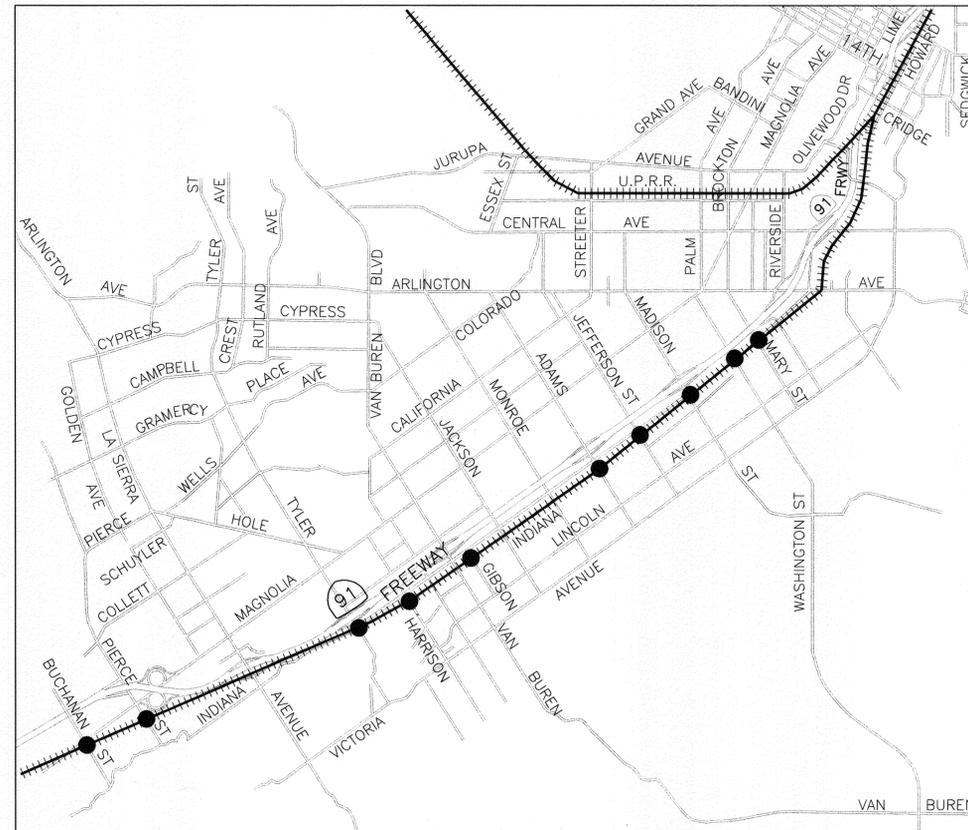
**CONSTRUCTION LEGEND:**

- STREET CENTERLINE
- - - STREET R/W
- - - E.P.

- |     |                          |      |                          |
|-----|--------------------------|------|--------------------------|
| TC  | TOP OF CURB              | STA  | STREET STATION           |
| EP  | EDGE OF PAVEMENT         | PI   | POINT OF INTERSECTION    |
| FL  | FLOWLINE                 | APN  | ASSESSORS PARCEL NUMBER  |
| FS  | FINISHED SURFACE         | RCP  | REINFORCED CONCRETE PIPE |
| CL  | CENTERLINE               | N'LY | NORTHERLY                |
| AC  | ASPHALTIC CONCRETE       | S'LY | SOUTHERLY                |
| PCC | PORTLAND CEMENT CONCRETE | S/W  | SIDEWALK                 |
| C&G | CURB AND GUTTER          | DWY  | DRIVEWAY                 |
| R/W | RIGHT OF WAY             | CF   | CURB FACE                |

**EXISTING TOPOGRAPHY:**

- |   |                          |   |                         |
|---|--------------------------|---|-------------------------|
| ⊙ | SANITARY SEWER M.H.      |  | PALM TREE               |
| ⊙ | STORM DRAIN M.H.         |  | MISC. TREE              |
| ⊙ | WATER GATE VALE          | ○   | TREE STUMP              |
| ⊙ | ELECTRIC M.H.            |  | TOP OF SLOPE            |
| ⊙ | TELEPHONE M.H.           |  | TOE OF SLOPE            |
| ⊙ | WATER METER              |  | DIRECTION DRAINAGE FLOW |
| ⊙ | FIRE HYDRANT             |  | EDGE OF PAVEMENT        |
| ⊙ | IRRIGATION METER         |   |                         |
| ⊙ | BLOW-OFF VALVE           |   |                         |
| ⊙ | TRAFFIC SIGN             |   |                         |
| ⊙ | POWER POLE               |   |                         |
| ⊙ | GUY ANCHOR               |   |                         |
| ⊙ | STREET LIGHT ON MAST ARM |   |                         |



LOCATION MAP

**EXISTING UNDERGROUND UTILITIES:**

- |                |                     |                      |                       |
|----------------|---------------------|----------------------|-----------------------|
| STORM DRAIN    | — EX SD — EX SD —   | FIBER OPTIC          | — FO — FO — FO — FO — |
| SANITARY SEWER | — EX SWR — EX SWR — | PETROLEUM PIPELINE   | — O — O — O — O —     |
| WATER LINE     | — EX WTR — EX WTR — | UNDERGROUND ELECTRIC | — (UGE) —             |
| GAS LINE       | — (G) —             |                      |                       |

**SHEET INDEX:**

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	BUCHANAN STREET - CROSSING IMPROVEMENTS
3	BUCHANAN STREET - SIGNING AND STRIPING IMPROVEMENTS
4	PIERCE STREET - CROSSING IMPROVEMENTS
5	PIERCE STREET - SIGNING AND STRIPING IMPROVEMENTS
6	TYLER STREET - CROSSING IMPROVEMENTS
7	TYLER STREET - SIGNING AND STRIPING IMPROVEMENTS
8	HARRISON STREET - CROSSING IMPROVEMENTS
9	HARRISON STREET - SIGNING AND STRIPING IMPROVEMENTS
10	GIBSON STREET - CROSSING IMPROVEMENTS
11	GIBSON STREET - SIGNING AND STRIPING IMPROVEMENTS
12	ADAMS STREET - CROSSING IMPROVEMENTS
13	ADAMS STREET - SIGNING AND STRIPING IMPROVEMENTS
14	JEFFERSON STREET - CROSSING IMPROVEMENTS
15	JEFFERSON STREET - SIGNING AND STRIPING IMPROVEMENTS
16	MADISON STREET - CROSSING IMPROVEMENTS
17	MADISON STREET - SIGNING AND STRIPING IMPROVEMENTS
18	WASHINGTON STREET - CROSSING IMPROVEMENTS
19	WASHINGTON STREET - SIGNING AND STRIPING IMPROVEMENTS
20	MARY STREET - CROSSING IMPROVEMENTS
21	MARY STREET - SIGNING AND STRIPING IMPROVEMENTS

**PUBLIC UTILITIES DEPARTMENT NOTES:**

CONTRACTOR TO GIVE CITY ELECTRIC AND WATER DIVISIONS (5) FIVE WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND ALLOW CITY FORCES (15) FIFTEEN WORKING DAYS FOR COMPLETION OF WORK.



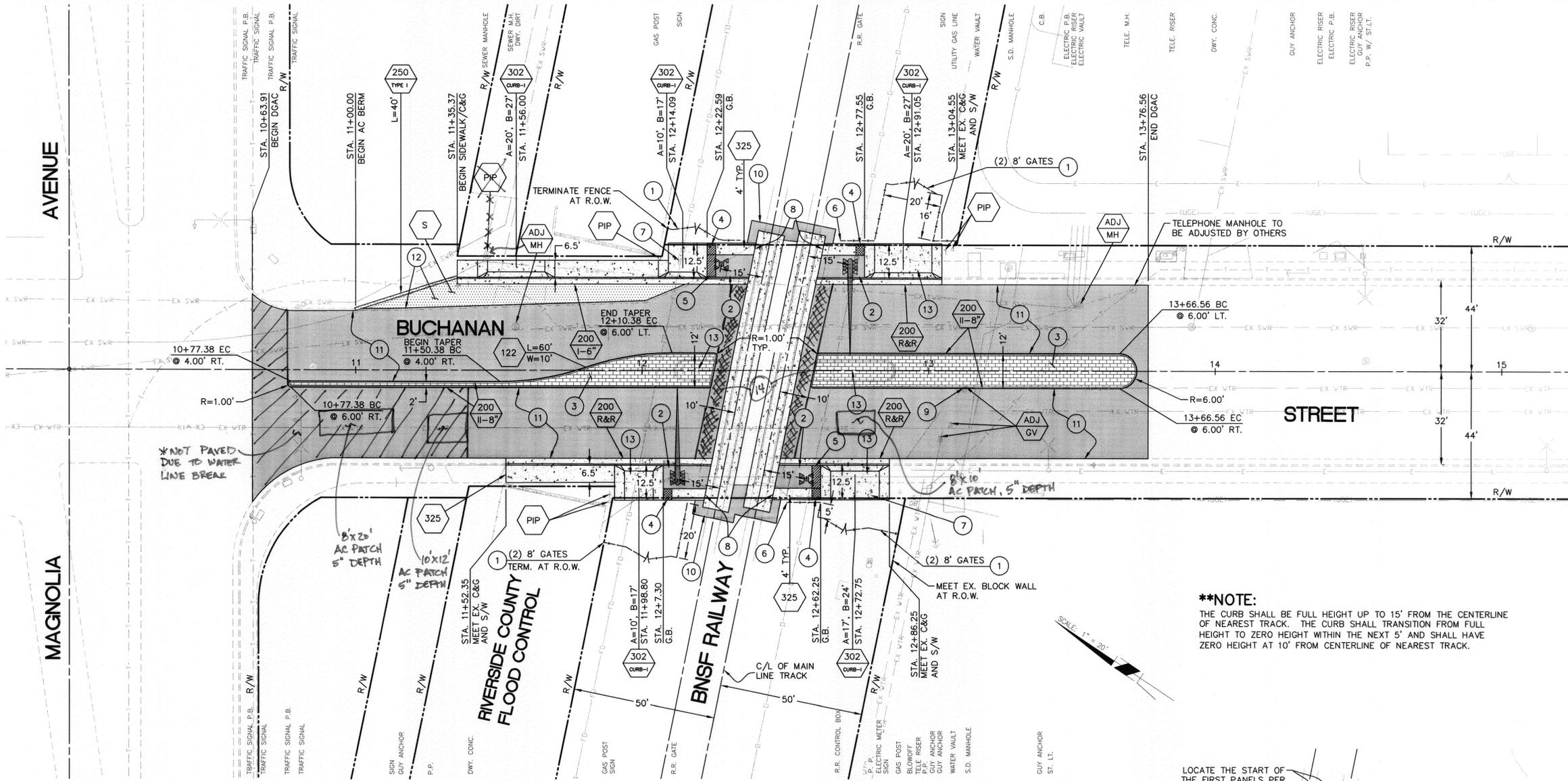
**ENGINEER IN RESPONSIBLE CHARGE**  
 DEBORAH V. ANDERSON  
 R.C.E. No. 56408 EXPIRES: 06-30-13  
 DATE: 3-14-2012



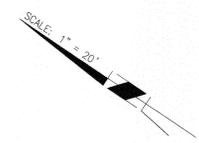
DESIGNED BY	DMC	DRAWN BY	DMC	CHECKED BY	DVA
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CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	F.M.	3/14/12	<i>[Signature]</i>
STREETS DIVISION			CITY ENGINEER
TRAFFIC DIVISION	S.A.	3-14-12	
CONSTRUCTION ADMIN.	D.C.	3-14-12	

STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS	ACCT. NO. W.O. NO.	R-4204
	SHEET 1 OF 21	FILE NAME: R-4204.DWG
SCALE: 1" = 20'		INDEXED 10-26-15 DC



**\*\*NOTE:**  
 THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.

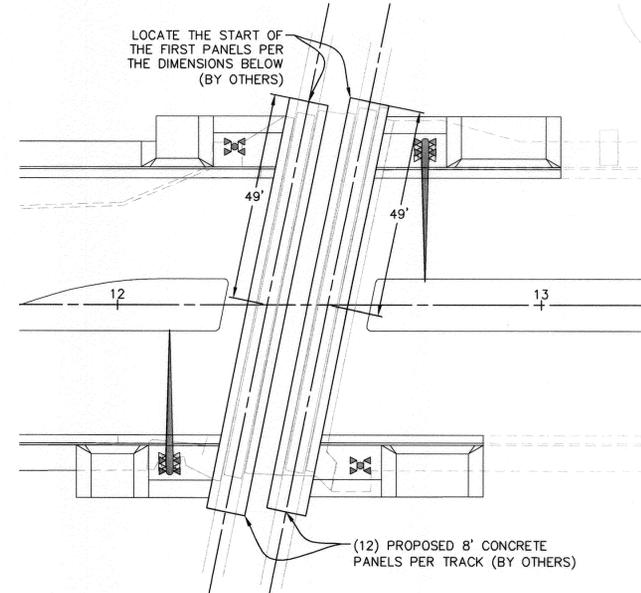
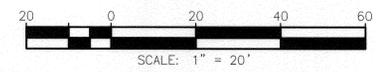


**CONSTRUCTION NOTES:**

- 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.
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- 200 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- 200 R&R REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- 302 CURB CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- 325 CONSTRUCT NEW PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- S CONSTRUCT 0.75' FULL DEPTH DGAC OVER COMPACTED NATIVE MATERIAL
- 1 INSTALL 6" TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2RGB20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (4) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR RAILWAY R.O.W. AS INDICATED ON PLAN.
- 2 CONSTRUCT DGAC, 3.5" MIN. DEPTH
- 3 CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312-19 QUARRY RED. (C-32) PATTERN SHALL BE LOW-PROFILE, LOW-WAFFLE MOMANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND".
- 4 INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- 5 INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED (BY OTHERS) AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6 ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 7 REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
- 8 INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- 9 CONSTRUCT MEDIAN CURB AROUND EXISTING GATE VALVE.
- 10 AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 11 COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 12 SAWCUT AND REMOVE EXISTING BERM AND NATIVE MATERIAL TO A DEPTH NECESSARY TO CONSTRUCT THE NEW AC STRUCTURAL SECTION.
- 13 REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 14 TRENCH PATCH DUE TO BNSF TRENCHING, 16" AC

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW STRUCTURAL DGAC PAVEMENT SECTION
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



**PANEL LOCATION DETAIL:**

SCALE: 1" = 20'

AS-BUILT 10-26-15 DC  
 CROSSING ID:  
 MILEPOST # 20.05  
 USDOT # 026516U  
 CPUC # 002B-20.10

Under Ground Service Alert of Southern California  
 Call: TOLL FREE 1-800-227-2600  
 TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE  
 Deborah V. Anderson  
 R.C.E. No. 56408 EXPIRES: 06-30-13  
 DATE: 3-14-12

REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK	ADJ 4/4/12
REVISIONS	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC
CHECKED BY: DVA	

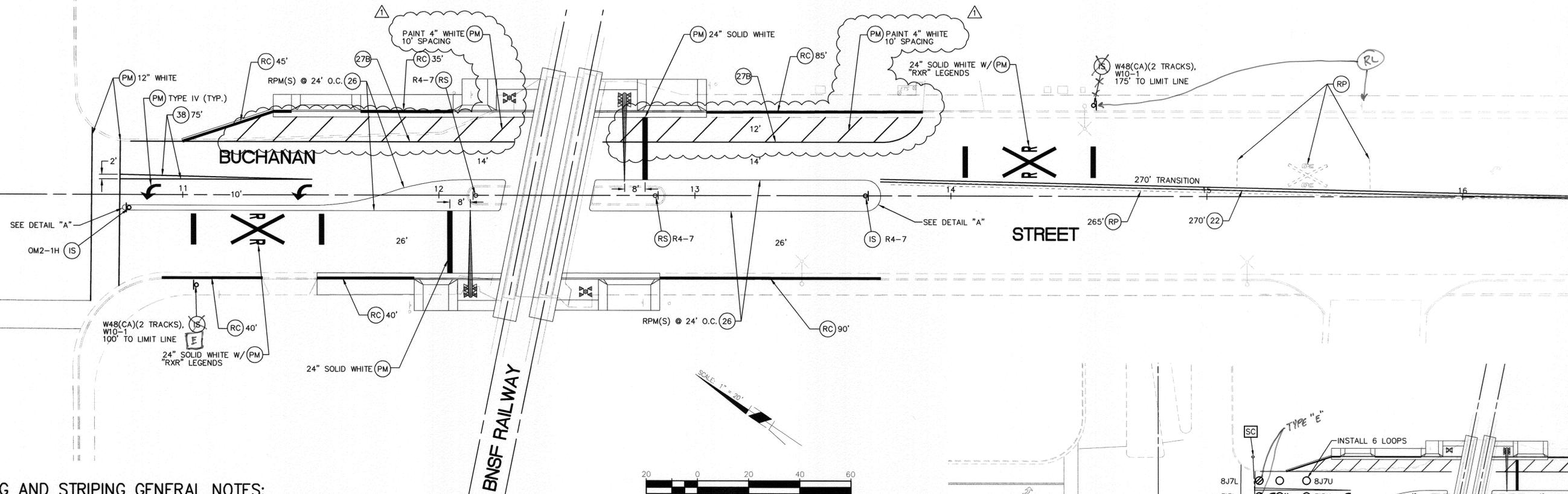
**BUCHANAN STREET**  
 STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
 SCALE: 1" = 20'

ACCT. NO. W.O. NO.	R-4204
SHEET 2 OF 21	
FILE NAME: R-4204.DWG	

INDEXED 10-26-15 DC

AVENUE

MAGNOLIA



**SIGNING AND STRIPING GENERAL NOTES:**

- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
- THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

**CONSTRUCTION NOTE:**

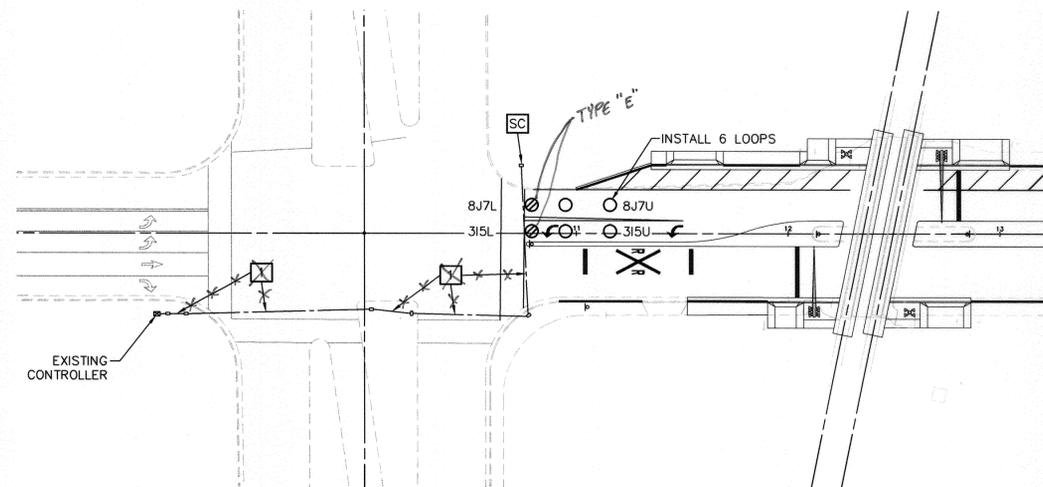
- CONTRACTOR SHALL INSTALL (2) NEW DLC(S) APPROX. 250' FROM ADJACENT PULLBOX TO THE EXISTING CONTROLLER LOCATION FOR DETECTOR LOOP CHANNELS (8J7L & 315L)
- SPlice NEW TO EXISTING CONDUCTORS

**\*\*NOTE:** CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

**SIGNING AND STRIPING LEGEND:**

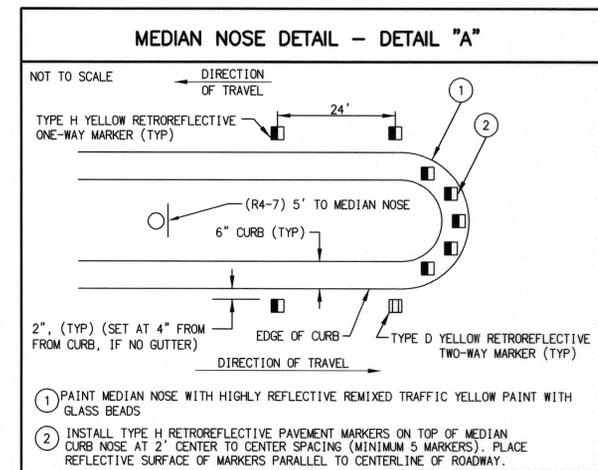
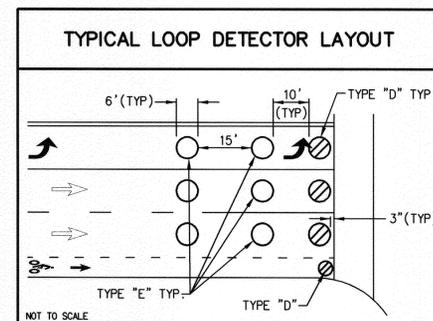
- EXISTING TO REMAIN.
- INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- PAINT OR REFRESH CURB (RED)
- FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- REMOVE AND SALVAGE SIGN(S)
- REMOVE AND REPLACE SIGN(S)
- RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- EXISTING WIDTH
- PROPOSED WIDTH

CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



**LOOP DETECTOR DETAIL**

SCALE: 1" = 40'



AS-BUILT 10-26-15 JC

**ENGINEER IN RESPONSIBLE CHARGE**  
GILBERT M. HERNANDEZ  
R.C.E. No. 69170 EXPIRES: 6-30-12  
DATE: 3-14-2012

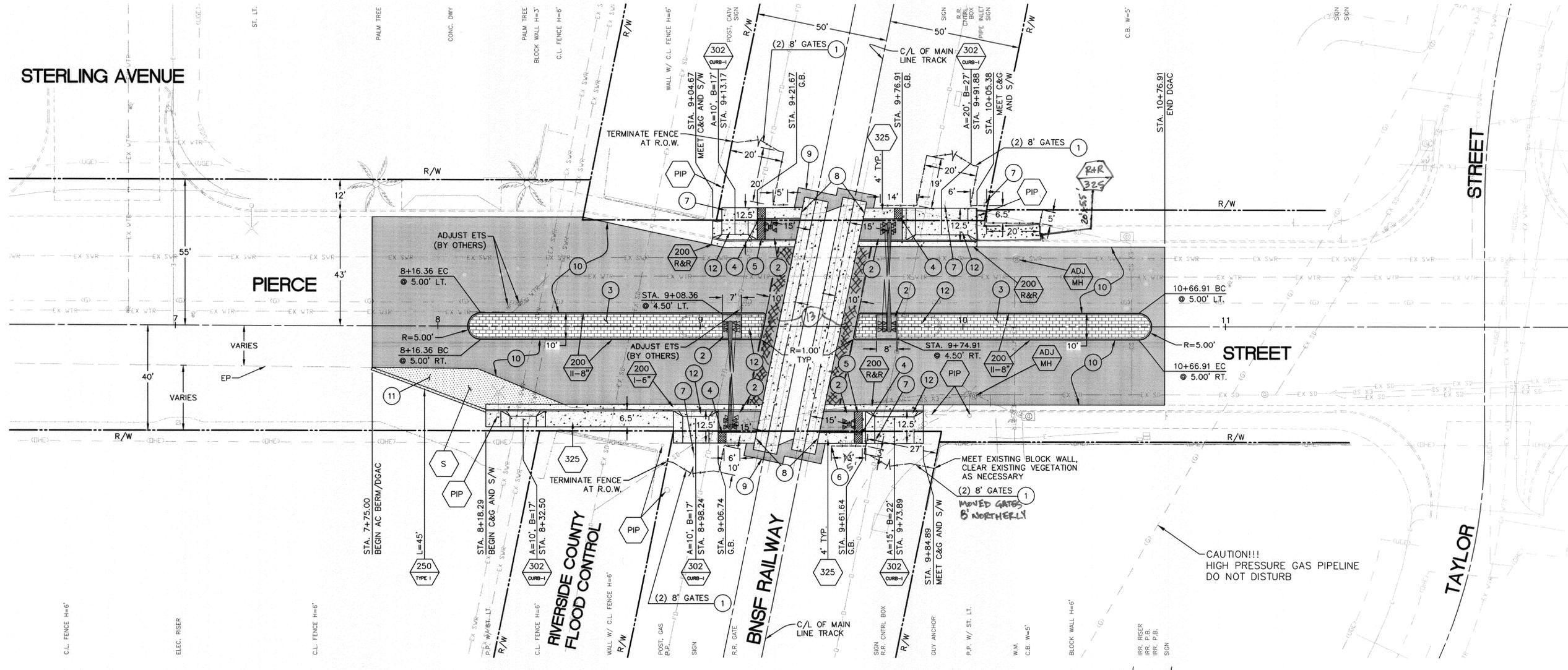
DESIGNED BY	DMC	DRAWN BY	DMC	CHECKED BY	GMH
ADD DIAGONAL STRIPING & CROSSING ID #		REVISIONS		APPR. DATE	

**SIGNING AND STRIPING PLAN**  
STREET IMPROVEMENTS  
AT VARIOUS  
BNSF RAILWAY CROSSINGS

SCALE: 1" = 20'

**R-4204**  
SHEET 3 OF 21  
FILE NAME: R-4204.DWG

INDEXED 10-26-15 JC



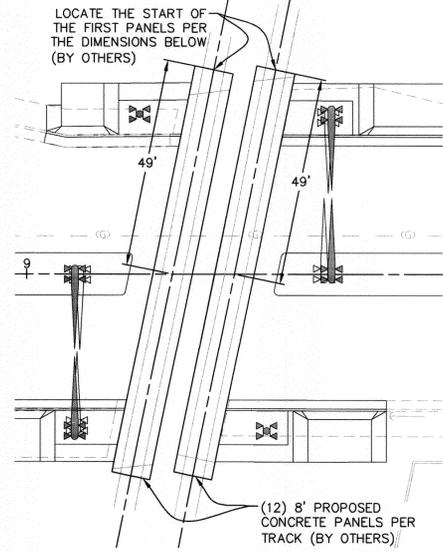
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- ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) FULL BOX
- CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- CONSTRUCT NEW/R&R PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- CONSTRUCT 0.75' FULL DEPTH DGAC OVER COMPACTED NATIVE MATERIAL
- INSTALL 6' TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON-PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R6B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.
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- REMOVE EXISTING NATIVE MATERIAL TO A DEPTH NECESSARY TO CONSTRUCT THE NEW AC STRUCTURAL SECTION.
- REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC

**LEGEND:**

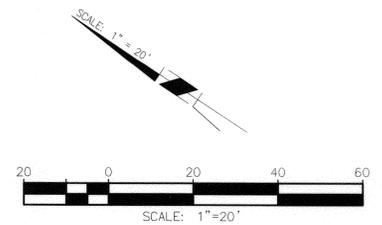
- NEW DGAC PAVEMENT
- NEW STRUCTURAL DGAC PAVEMENT SECTION
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



**PANEL LOCATION DETAIL:**  
SCALE: 1" = 20'

**\*\*UTILITY NOTE:**  
ARRANGEMENTS SHALL BE MADE BY THE CONTRACTOR FOR A GAS CO. INSPECTOR TO STAND-BY AND OBSERVE TWO DAYS PRIOR TO START OF CONSTRUCTION AT 951-845-0712. NO HEAVY EQUIPMENT SHALL CROSS SO. CAL. GAS PIPELINE WITHOUT APPROVAL.

**\*\*ADDITIONAL NOTE:**  
THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.



Under Ground Service Alert of Southern California  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG



**ENGINEER IN RESPONSIBLE CHARGE**  
Deborah V. Anderson  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE: 3-14-12

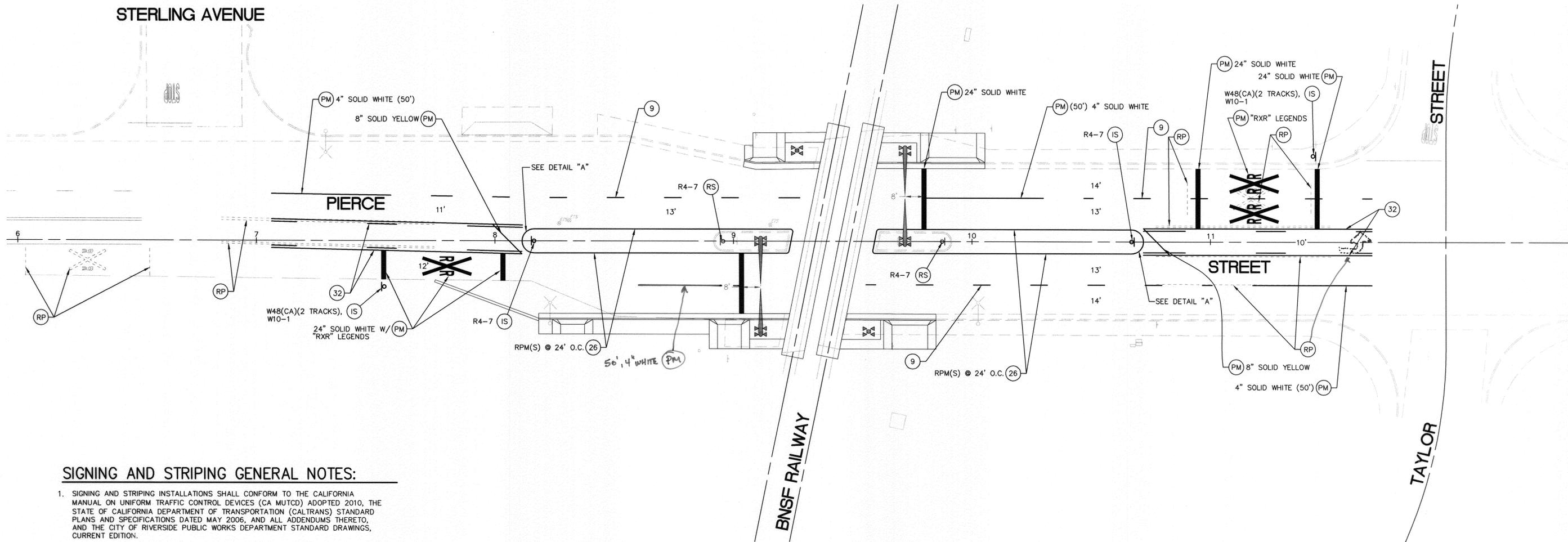
REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC
CHECKED BY: DVA	

**PIERCE STREET**  
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
SCALE: 1" = 20'

CROSSING ID: MILEPOST # 19.53  
USDOT # 026515M  
CPUC # 002B-19.60

ACCT. NO. W.O. NO.  
**R-4204**  
SHEET 4 OF 21  
FILE NAME: R-4204.DWG  
INDEXED 10-26-15

STERLING AVENUE



**SIGNING AND STRIPING GENERAL NOTES:**

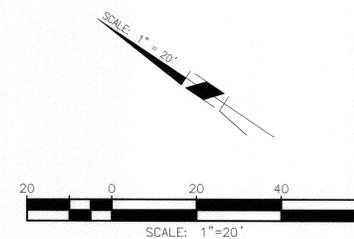
- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
- THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

**SIGNING AND STRIPING LEGEND:**

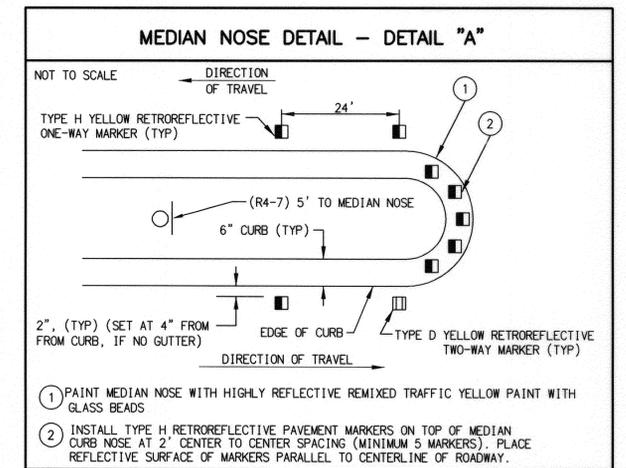
- E EXISTING TO REMAIN.
- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- RC PAINT OR REFRESH CURB (RED)
- IS FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- RS REMOVE AND SALVAGE SIGN(S)
- RR REMOVE AND REPLACE SIGN(S)
- RL RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- P PROPOSED SIGN (ONE POST)
- E EXISTING SIGN (ONE POST)
- S EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

**CONSTRUCTION NOTE:**

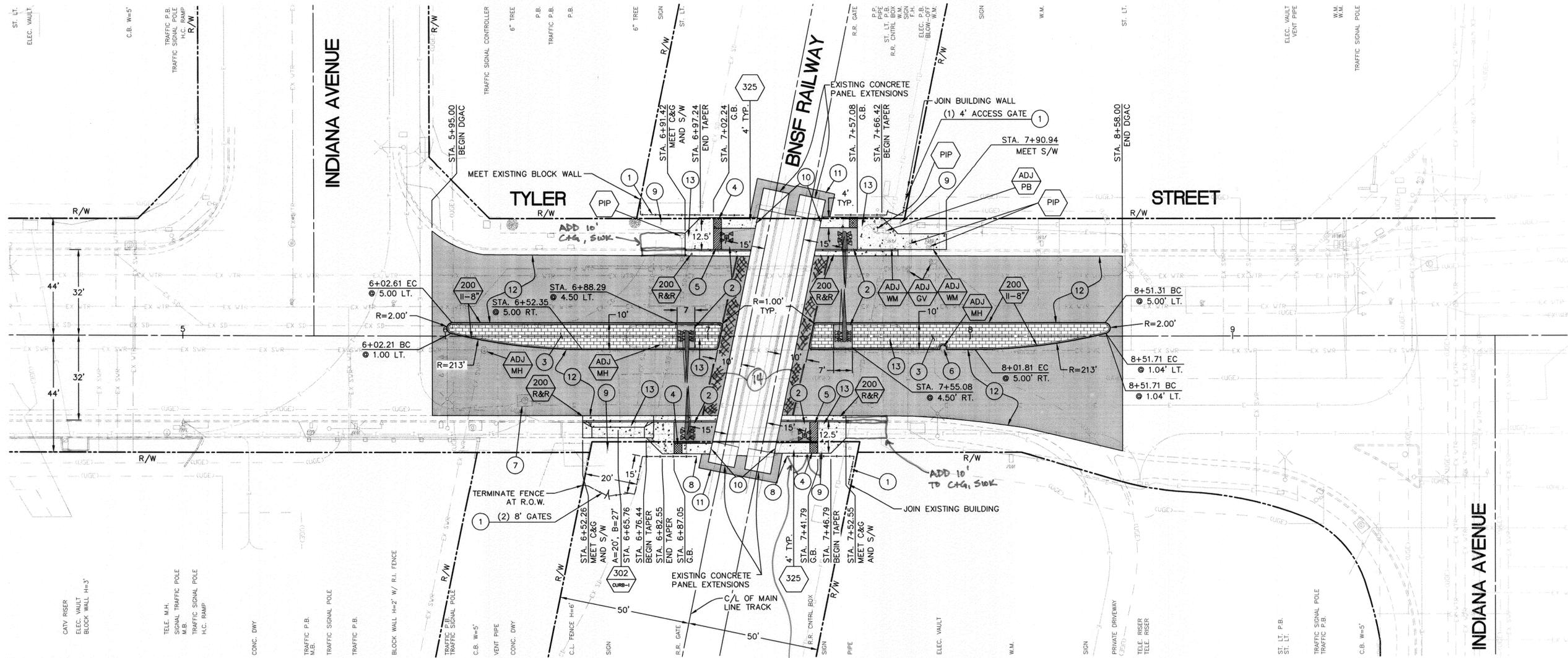
\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.



CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



 <b>ENGINEER IN RESPONSIBLE CHARGE</b> GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 6-30-12 DATE: 3-14-12	 GILBERT M. HERNANDEZ No. 69170 Exp. 06-30-12 CIVIL STATE OF CALIFORNIA	<b>SIGNING AND STRIPING PLAN</b> STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS SCALE: 1" = 20' DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: GMH	<b>R-4204</b> SHEET 5 OF 21 FILE NAME: R-4204.DWG INDEXED 10-26-15 DE
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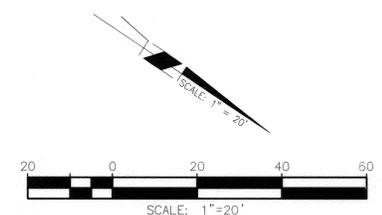
**CONSTRUCTION NOTES:**

- 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.
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- 200 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- 200 R&R REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- 302 CURB CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- 325 CONSTRUCT NEW/R&R PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- 1 INSTALL 6' TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2--RAIL BLACK STEEL FENCE (ITEM NO. 2R8B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) (2) LOCATIONS. FENCING SHALL TERMINATE AT NEAREST IMPROVEMENT OR R.O.W.
- 2 CONSTRUCT DGAC, 3.5" MIN. DEPTH
- 3 CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY. COLOR CHART #342-10 QUARRY RED (C-32) PATTERN SHALL BE LOW-PROFILE, LOW-WAFFLE-MONAMITE 12"x12" TILE, "NEW BRICK-RUNNING BOND".
- 4 INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- 5 INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6 CONSTRUCT NEW MEDIAN CURB AROUND EXISTING MANHOLE COVER.
- 7 CONTRACTOR SHALL COORDINATE WITH THE CITY OF RIVERSIDE PUBLIC UTILITIES DEPT. FOR THE ADJUSTMENT OF THE ELECTRIC VAULT TO GRADE.
- 8 ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 9 REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
- 10 INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- 11 AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 12 COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 13 REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 14 TRENCH PATCH DOE TO BNSF TRENCHING, 6" AC

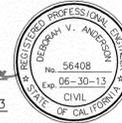
**\*\*NOTE:**  
THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.

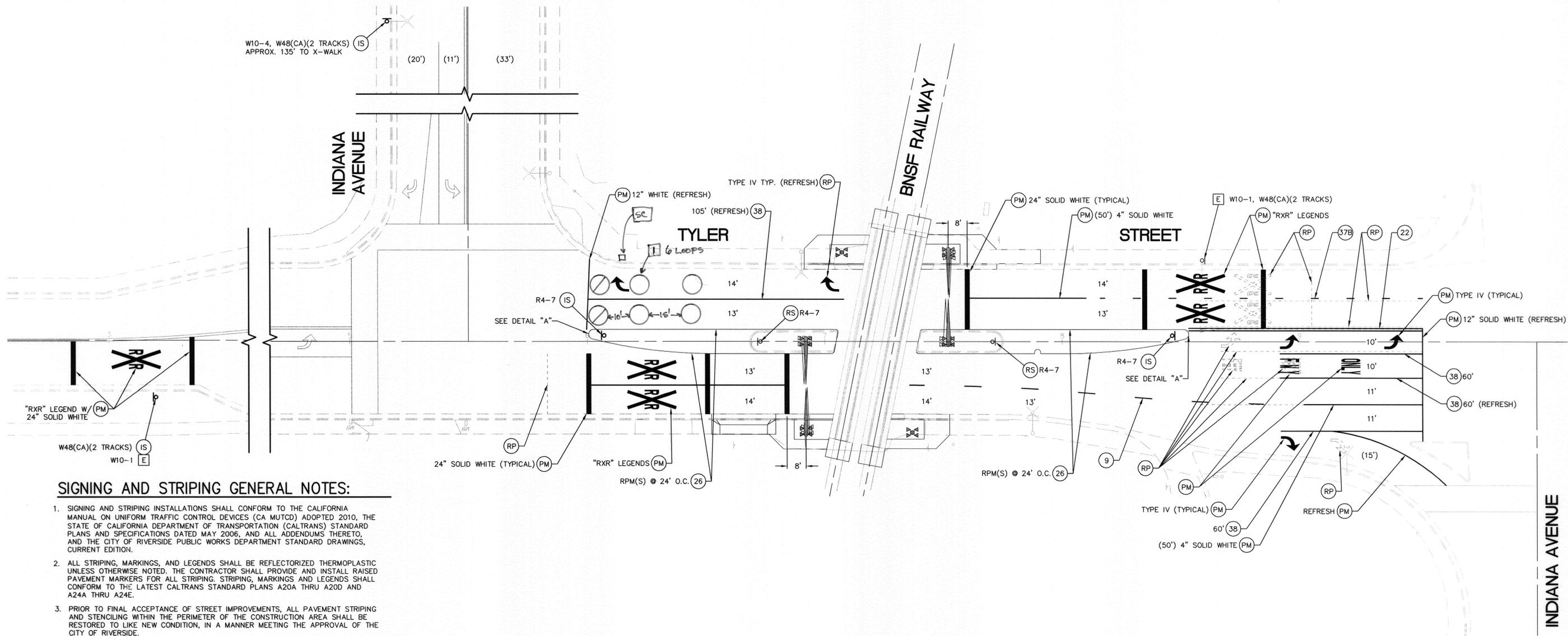
**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



CROSSING ID:  
MILEPOST # 17.42  
USDOT # 026512S  
CPUC # 002B-17.40

 <p>Under Ground Service Alert of Southern California Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	 <p><b>ENGINEER IN RESPONSIBLE CHARGE</b> DEBORAH V. ANDERSON R.C.E. No. 56408 EXPIRES: 06-30-13 DATE 3-14-12</p>		<p>REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN &amp; ADD STREET NAME IN TITLE BLOCK</p>	<p><b>TYLER STREET</b> <b>STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS</b></p>	<p>ACCT. NO. W.O. NO. <b>R-4204</b> SHEET <b>6</b> OF <b>21</b> FILE NAME: R-4204.DWG</p>
<p>DESIGNED BY DMC DRAWN BY DMC CHECKED BY DVA</p>			<p>SCALE: 1" = 20'</p>		



**SIGNING AND STRIPING GENERAL NOTES:**

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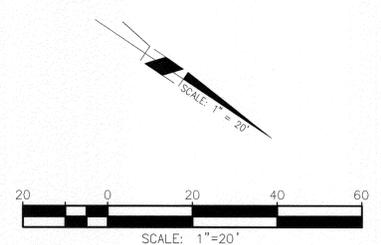
**SIGNING AND STRIPING LEGEND:**

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- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
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- RS REMOVE AND SALVAGE SIGN(S)
- RR REMOVE AND REPLACE SIGN(S)
- RL RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PROPOSED SIGN (ONE POST)
- ◐ EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

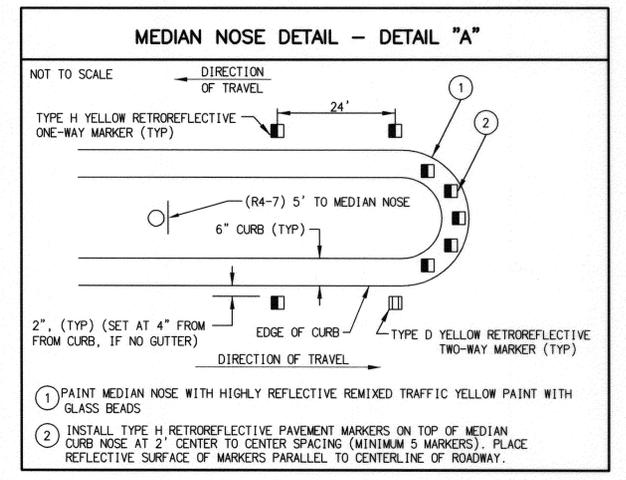
**CONSTRUCTION NOTE:**

\*\*NOTE: CONTRACTOR SHALL DELIVER (7) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

- 1 INSTALL DETECTOR LOOPS (D&E)
- SC SPLICE EXISTING TO NEW CONDUCTORS



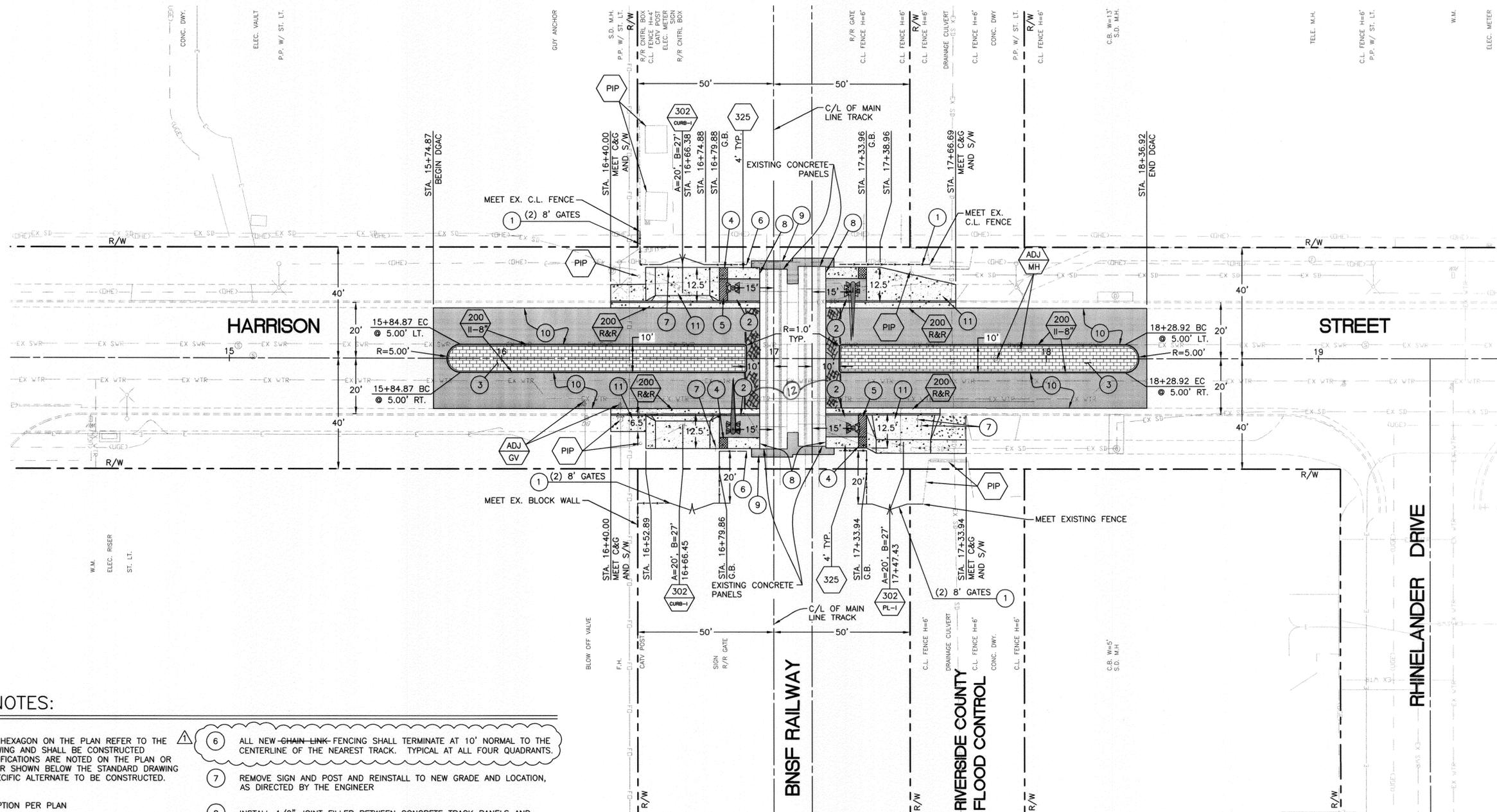
CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



	<p><b>ENGINEER IN CHARGE</b> GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 6-30-12 DATE: 3-14-12</p>	<p>ADD CROSSING ID #</p>	<p>DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: GMH</p>	<p><b>SIGNING AND STRIPING PLAN</b> STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS</p>	<p><b>R-4204</b> SHEET 7 OF 21 FILE NAME: R-4204.DWG</p>
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AS-BUILT 10-26-15 DC

INDEXED 10-26-15 DC

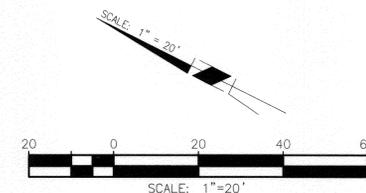


**CONSTRUCTION NOTES:**

- 1. INSTALL 6" TALL CHAIN-LINK FENCE PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4" HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R2B20468) AND GATES (4" HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.
- 2. CONSTRUCT DGAC, 3.5" MIN. DEPTH
- 3. CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312-10 QUARRY RED. (C-32) PATTERN SHALL BE LOW-PROFILE, LOW-WAFFLE MORGANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND".
- 4. INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- 5. INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6. ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 7. REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
- 8. INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- 9. AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 10. COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 11. REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 12. TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
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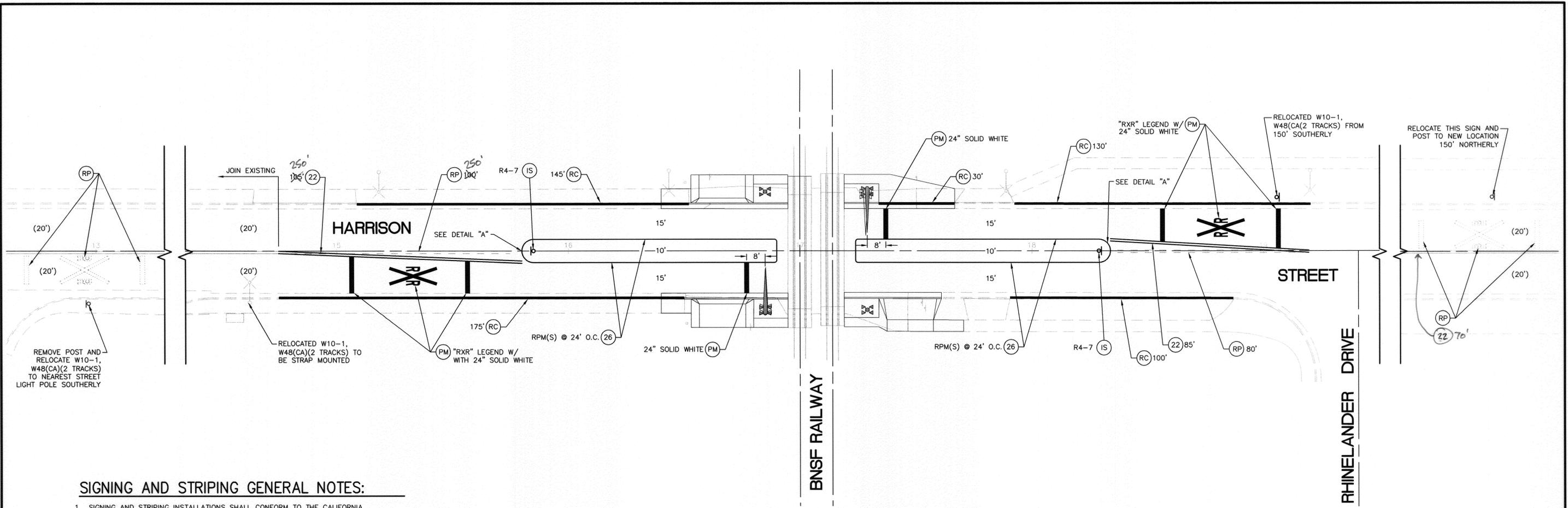
**ENGINEER IN RESPONSIBLE CHARGE**  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE: 3-14-12

REVISIONS	APPR.	DATE
REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK		

**HARRISON STREET**  
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
SCALE: 1" = 20'

CROSSING ID: MILEPOST # 16.90  
USDOT # 02651K  
CPUC # 002B-16.90

ACCT. NO. W.O. NO. R-4204  
SHEET 8 OF 21  
FILE NAME: R-4204.DWG



**SIGNING AND STRIPING GENERAL NOTES:**

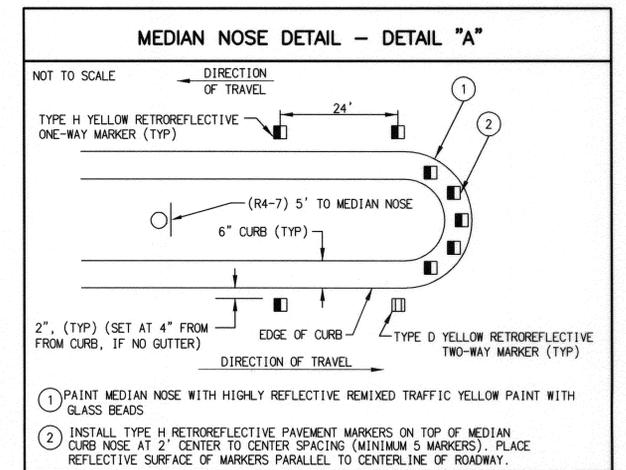
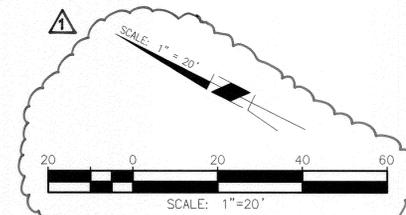
- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING, STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
- THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

**SIGNING AND STRIPING LEGEND:**

- E EXISTING TO REMAIN.
- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- RC PAINT OR REFRESH CURB (RED)
- IS FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- RS REMOVE AND SALVAGE SIGN(S)
- RR REMOVE AND REPLACE SIGN(S)
- RL RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- P PROPOSED SIGN (ONE POST)
- P EXISTING SIGN (ONE POST)
- P EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

**CONSTRUCTION NOTE:**

\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.



CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



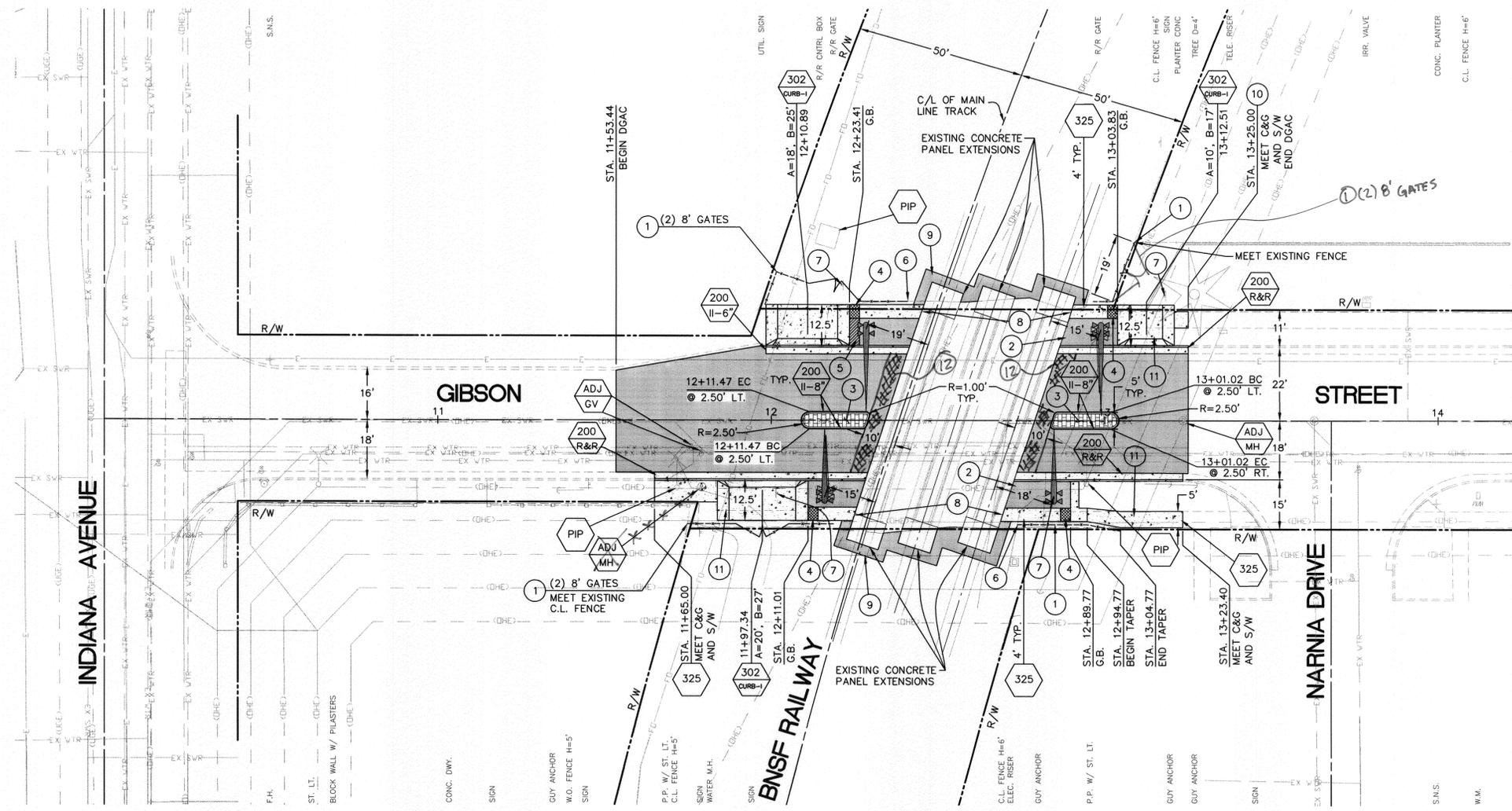
**ENGINEER IN RESPONSIBLE CHARGE**  
GILBERT M. HERNANDEZ  
R.C.E. No. 69170 EXPIRES: 6-30-12  
DATE: 3-14-12



DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: GMH  
APPROVED BY: [Signature] DATE: 4-2-12

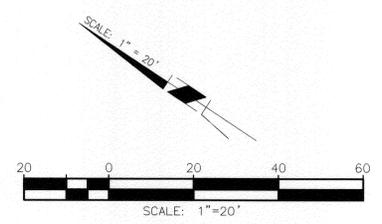
<b>SIGNING AND STRIPING PLAN</b>	
<b>STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS</b>	
R-4204	SHEET 9 OF 21
FILE NAME: R-4204.DWG	

INDEXED 10-26-15 DC



**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.
- PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- CONSTRUCT NEW PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- INSTALL 6" TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 300, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R6B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (2) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.**
- CONSTRUCT DGAC, 3.5" MIN. DEPTH
- CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. (C-32) PATTERN SHALL BE LOW-PROFILE, LOW-WAFFLE MORGANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND".**
- INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER.
- INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC



**\*\*NOTE:**  
 THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED

CROSSING ID:  
 MILEPOST # 16.10  
 USDOT # 02609J  
 CPUC # 002B-16.10

Under Ground Service Alert of Southern California  
 Call: TOLL FREE 1-800-227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE  
 DEBORAH V. ANDERSON  
 R.C.E. No. 56408 EXPIRES: 06-30-13  
 DATE: 5-14-12

REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC
CHECKED BY: DVA	

AS-BUILT 10-26-15 IC

**GIBSON STREET**

STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS

SCALE: 1" = 20'

ACCT. NO. W.O. NO.

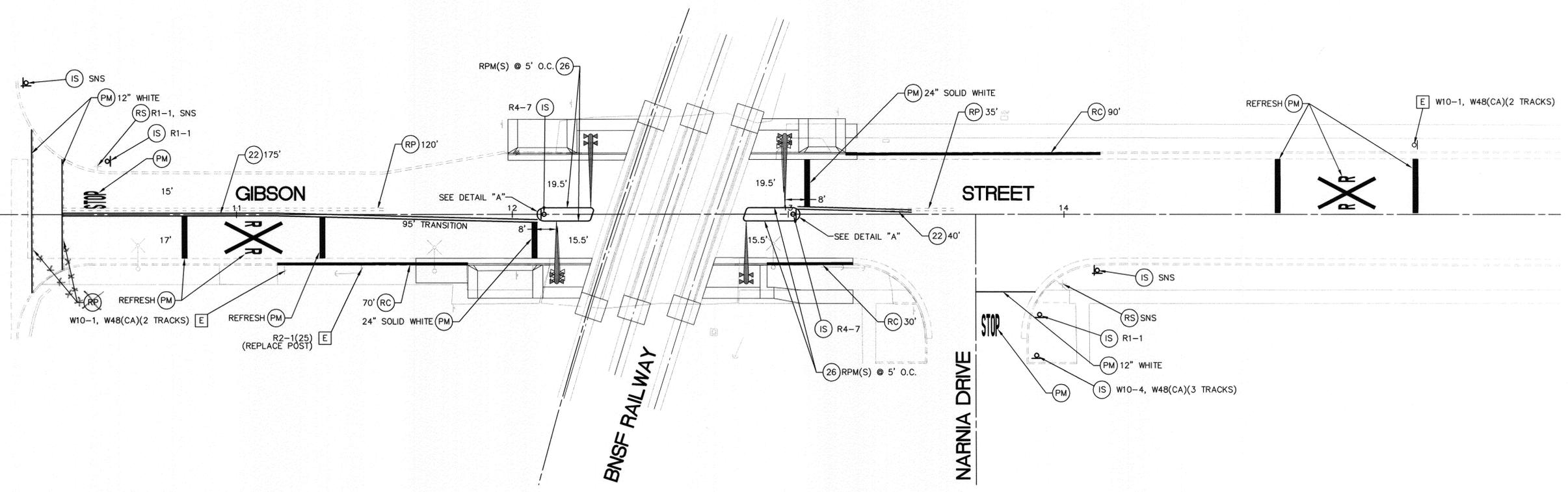
**R-4204**

SHEET 10 OF 21

FILE NAME: R-4204.DWG

INDEXED 10-26-15 IC

INDIANA AVENUE



**SIGNING AND STRIPING GENERAL NOTES:**

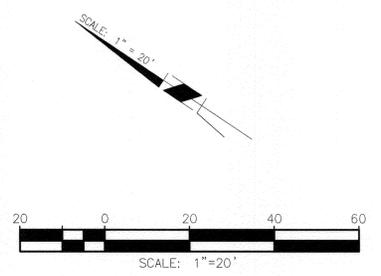
- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
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**SIGNING AND STRIPING LEGEND:**

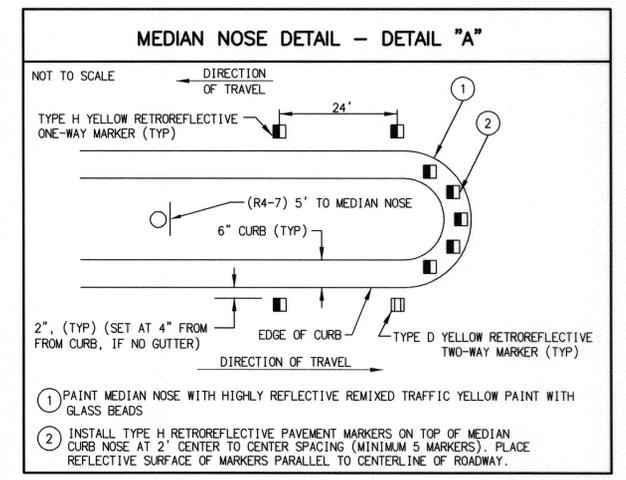
- [E] EXISTING TO REMAIN.
- [PM] INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- [RP] REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- [RC] PAINT OR REFRESH CURB (RED)
- [IS] FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- [RS] REMOVE AND SALVAGE SIGN(S)
- [RR] REMOVE AND REPLACE SIGN(S)
- [RL] RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- [#] INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

**CONSTRUCTION NOTE:**

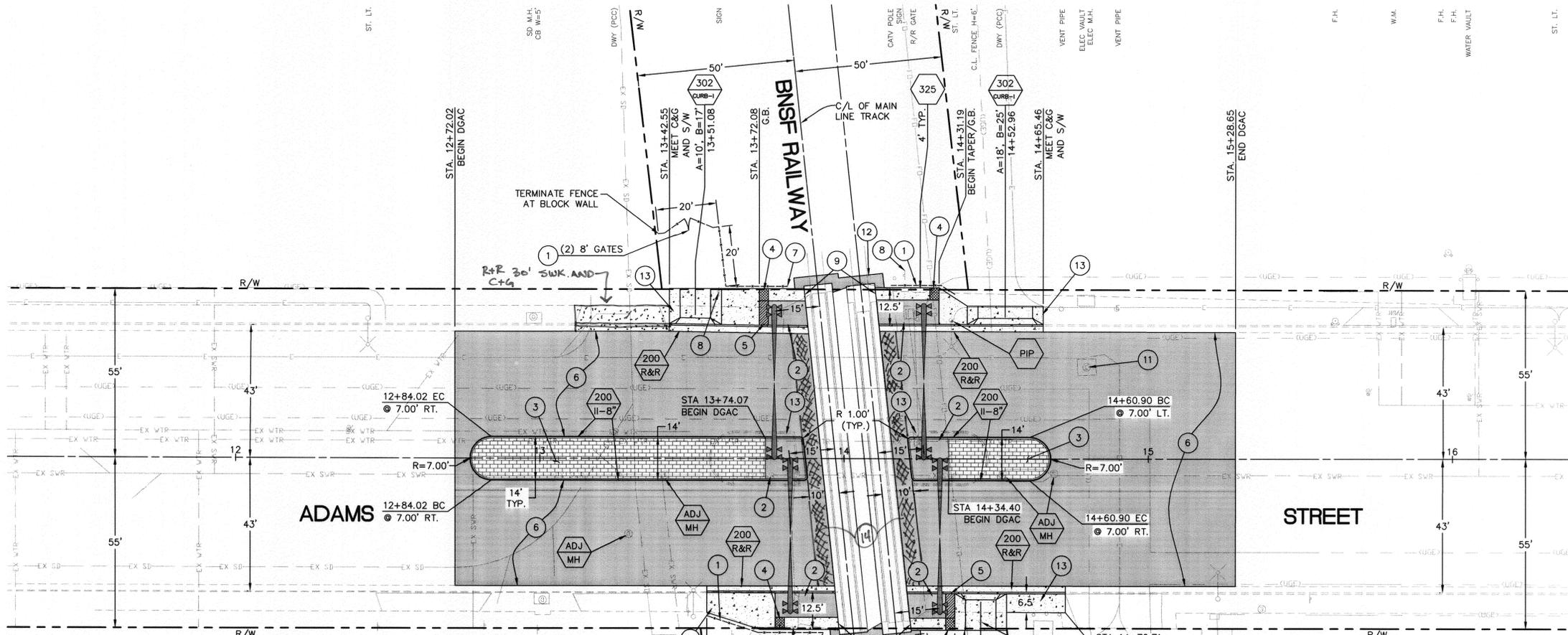
\*\*NOTE: CONTRACTOR SHALL DELIVER (7) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.



CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



<p><b>ENGINEER IN RESPONSIBLE CHARGE</b> GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 6-30-12 DATE: 3-14-12</p>		<p>ADD CROSSING ID #</p>	<p>DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: GMH</p>	<p><b>SIGNING AND STRIPING PLAN</b></p> <p><b>STREET IMPROVEMENTS</b></p> <p><b>BNSF RAILWAY CROSSINGS</b></p> <p>SCALE: 1" = 20'</p>	<p><b>R-4204</b></p> <p>SHEET 11 OF 21</p> <p>FILE NAME: R-4204.DWG</p>
		<p>APPROVED: 4-2-12</p>	<p>INDEXED 10-26-15 DC</p>		



**CONSTRUCTION NOTES:**

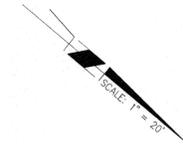
- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- 200 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- 200 R&R REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- 302 CURB CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- 325 CONSTRUCT NEW PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- 1 INSTALL 6' TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 300, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2RGB20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (2) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.
- 2 CONSTRUCT DGAC, 3.5" MIN. DEPTH
- 3 CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312-10 QUARRY RED.(C-32) PATTERN SHALL BE LOW PROFILE, LOW WAFFLE MORGANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND"
- 4 INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- 5 INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6 COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 7 ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 8 REMOVE SIGN AND POST AND REINSTALL (USING NEW POST IF NECESSARY) TO NEW GRADE AND LOCATION AS DIRECTED BY ENGINEER.
- 9 INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).

- 10 CABLE TV POST TO BE RELOCATED (BY OTHERS).
- 11 CONTRACTOR SHALL COORDINATE WITH THE CITY OF RIVERSIDE PUBLIC UTILITIES DEPT. FOR THE ADJUSTMENT OF THE ELECTRIC VAULT TO GRADE.
- 12 AC RAMPS SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 13 REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 14 TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC

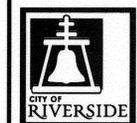
**LEGEND:**

- [Pattern] NEW DGAC PAVEMENT
- [Pattern] NEW PCC CONCRETE
- [Pattern] NEW STAMPED CONCRETE
- [Symbol] PROPOSED #9 WARNING DEVICE (BY OTHERS)
- [Symbol] PROPOSED #8 WARNING DEVICE (BY OTHERS)
- [Symbol] PROPOSED CAST-IN PLACE TACTILE PANEL
- [Symbol] PROPOSED REMOVABLE TACTILE PANEL
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**\*\*NOTE:**  
THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.



Under Ground Service Alert at Southern California  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE  
*Deborah V. Anderson*  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE: 3-11-12

REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK	DESIGNED BY: DMC	DRAWN BY: DMC	CHECKED BY: DVA
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AS-BUILT 10-26-15

**ADAMS STREET**

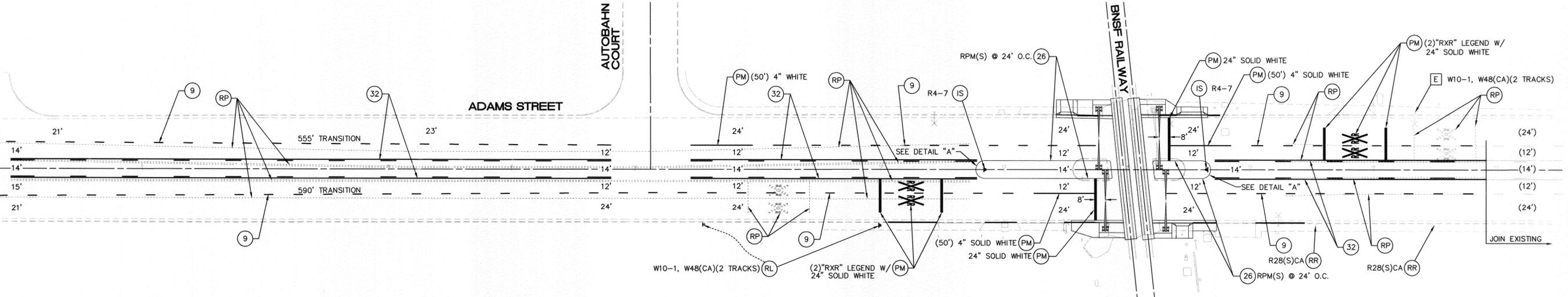
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS

CROSSING ID: MILEPOST # 14.77  
USDOT # 026503T  
CPUC # 002B-14.80

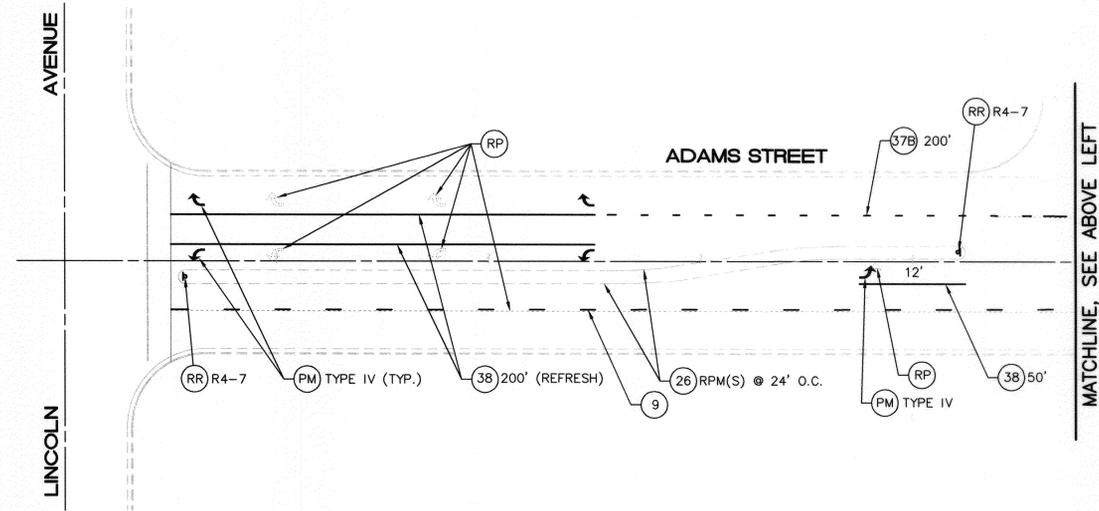
R-4204  
SHEET 12 OF 21  
FILE NAME: R-4204.DWG

SCALE: 1" = 20'

MATCHLINE, SEE BELOW RIGHT



LINCOLN AVENUE



MATCHLINE, SEE ABOVE LEFT

### SIGNING AND STRIPING GENERAL NOTES:

- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
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- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

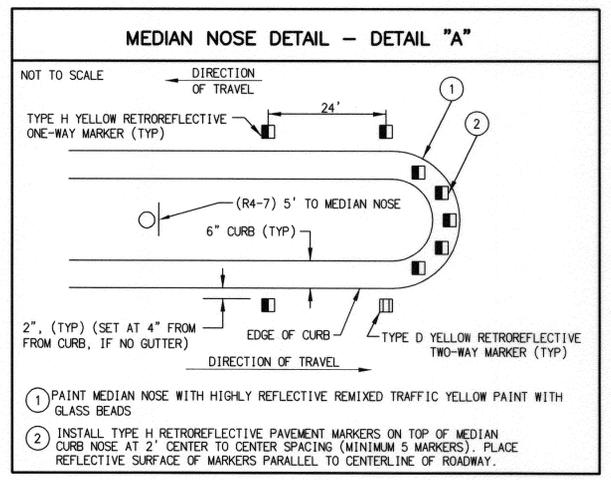
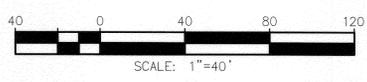
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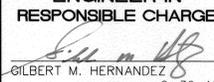
\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

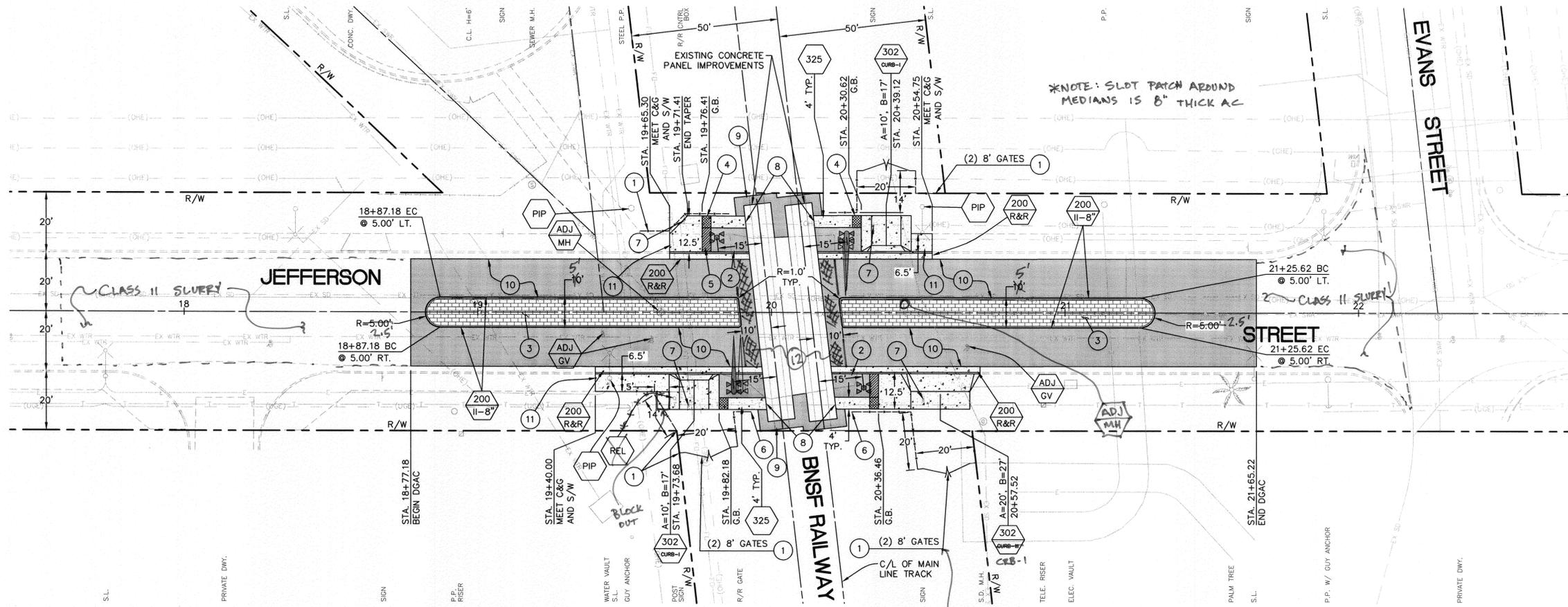
### SIGNING AND STRIPING LEGEND:

- E EXISTING TO REMAIN.
- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- RC PAINT OR REFRESH CURB (RED)
- IS FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- RS REMOVE AND SALVAGE SIGN(S)
- RR REMOVE AND REPLACE SIGN(S)
- RL RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- P PROPOSED SIGN (ONE POST)
- O EXISTING SIGN (ONE POST)
- S EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10

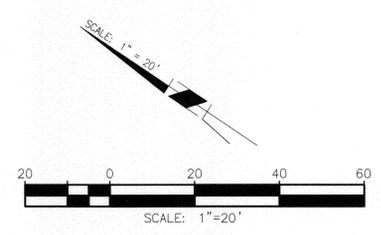


 <b>CITY OF RIVERSIDE</b>	<b>ENGINEER IN CHARGE</b>  GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 6-30-12 DATE: 3-14-12	 GILBERT M. HERNANDEZ No. 69170 Exp. 06-30-12 CIVIL STATE OF CALIFORNIA	<b>SIGNING AND STRIPING PLAN</b> <b>STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS</b> SCALE: 1" = 40' SHEET 13 OF 21 FILE NAME: R-4204.DWG
ADD CROSSING ID # _____ DESIGNED BY: DMC    DRAWN BY: DMC    CHECKED BY: CMH		REVISIONS APRR. DATE	<b>R-4204</b> INDEXED 10-26-15 DC



**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.
- PROTECT IN PLACE, DESCRIPTION PER PLAN
- RELOCATE EXISTING POST (BY OTHERS), CONTRACTOR TO COORDINATE
- ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE 1, 6" CF
- CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- CONSTRUCT NEW/R&R PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- 1. INSTALL 6" TALL CHAIN-LINK FENCE PER STANDARD DRAWING 386- WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH) MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R0B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.
- 2. CONSTRUCT DGAC, 3.5" MIN. DEPTH
- 3. CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312-10 QUARRY RED. (C-32) PATTERN SHALL BE LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE- "NEW BRICK-RUNNING BOND".
- 4. INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- 5. INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6. ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 7. REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
- 8. INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- 9. AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 10. COLD MILL 0.10" (MIN.) AC PAVEMENT. CAP WITH A VARIABLE THICKNESS OF 0.20" (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 11. REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 12. TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC



**\*\*NOTE:**  
 THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED

CROSSING ID:  
 MILEPOST # 14.25  
 USDOT # 026502L  
 CPUC # 002B-14.20

AS-BUILT 10-26-15 DC

Under Ground Service Alert of Southern California  
 Call: TOLL FREE 1-800-227-2600  
 TWO WORKING DAYS BEFORE YOU DIG



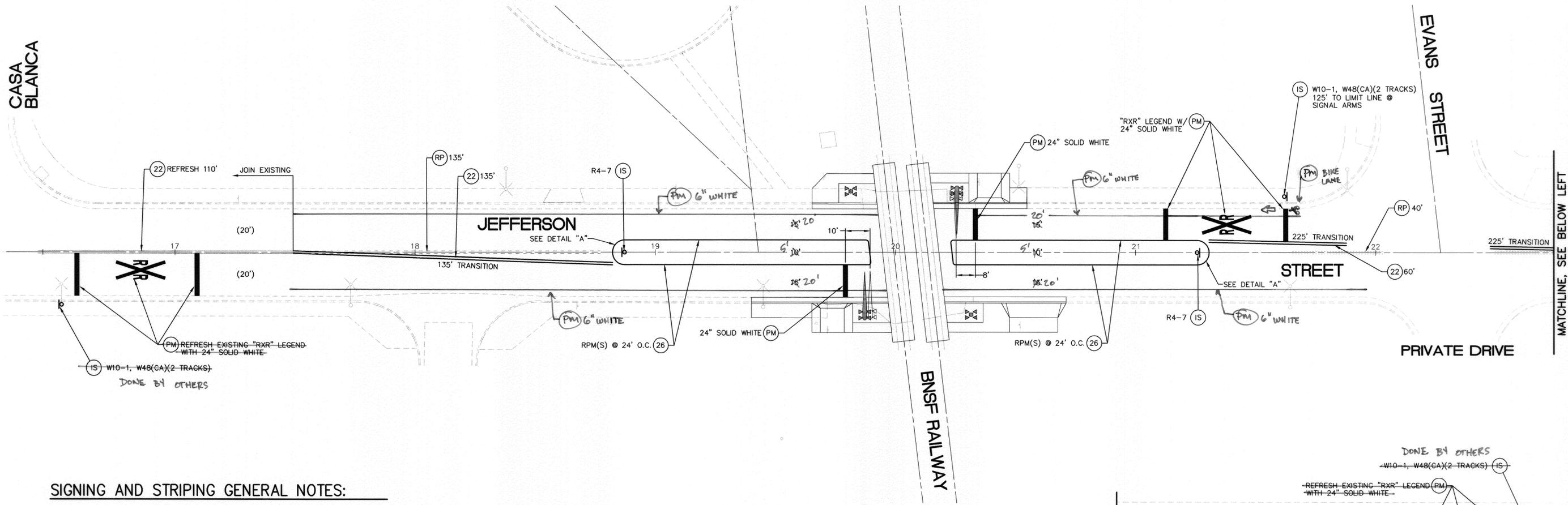
ENGINEER IN RESPONSIBLE CHARGE  
 Deborah V. Anderson  
 No. 56408 Exp. 06-30-13  
 CIVIL  
 DATE 3-14-12

REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK	DATE
DESIGNED BY DMC	DRAWN BY DMC
CHECKED BY DVA	

JEFFERSON STREET  
 STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
 SCALE: 1" = 20'  
 ACCT. NO. W.O. NO.  
 R-4204  
 SHEET 14 OF 21  
 FILE NAME: R-4204.DWG

CASA BLANCA

EVANS STREET



MATCHLINE, SEE BELOW LEFT

**SIGNING AND STRIPING GENERAL NOTES:**

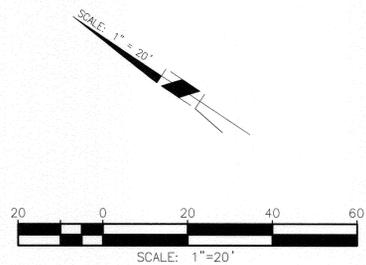
- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING, STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
- THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
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- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
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**CONSTRUCTION NOTE:**

\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

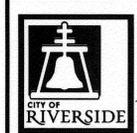
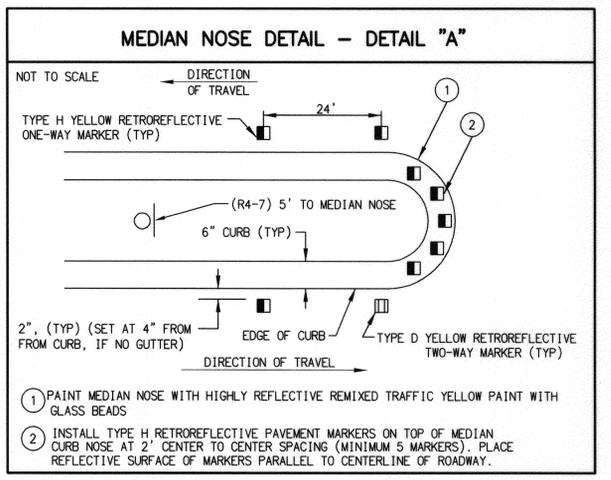
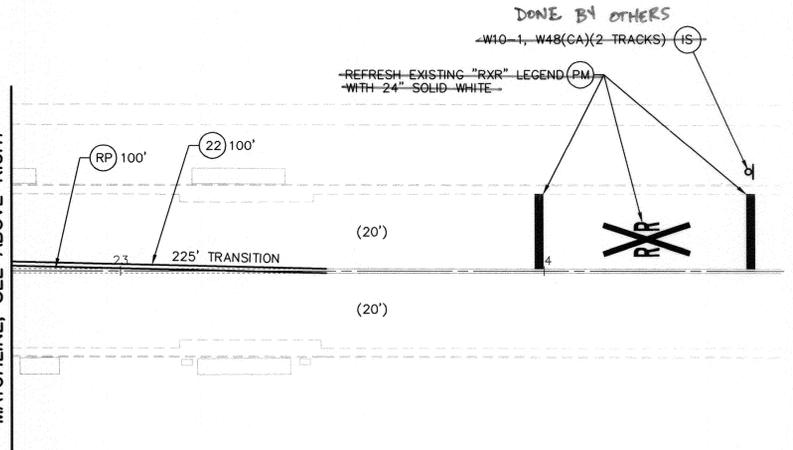
**SIGNING AND STRIPING LEGEND:**

- E EXISTING TO REMAIN.
- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- RC PAINT OR REFRESH CURB (RED)
- IS FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- RS REMOVE AND SALVAGE SIGN(S)
- RR REMOVE AND REPLACE SIGN(S)
- RL RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- P PROPOSED SIGN (ONE POST)
- O EXISTING SIGN (ONE POST)
- S EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH



CROSSING ID:  
 MILEPOST # 20.05  
 USDOT # 026516U  
 CPUC # 002B-20.10

MATCHLINE, SEE ABOVE RIGHT



ENGINEER IN RESPONSIBLE CHARGE  
 GILBERT M. HERNANDEZ  
 R.C.E. No. 69170 EXPIRES: 6-30-12  
 DATE 3-14-12



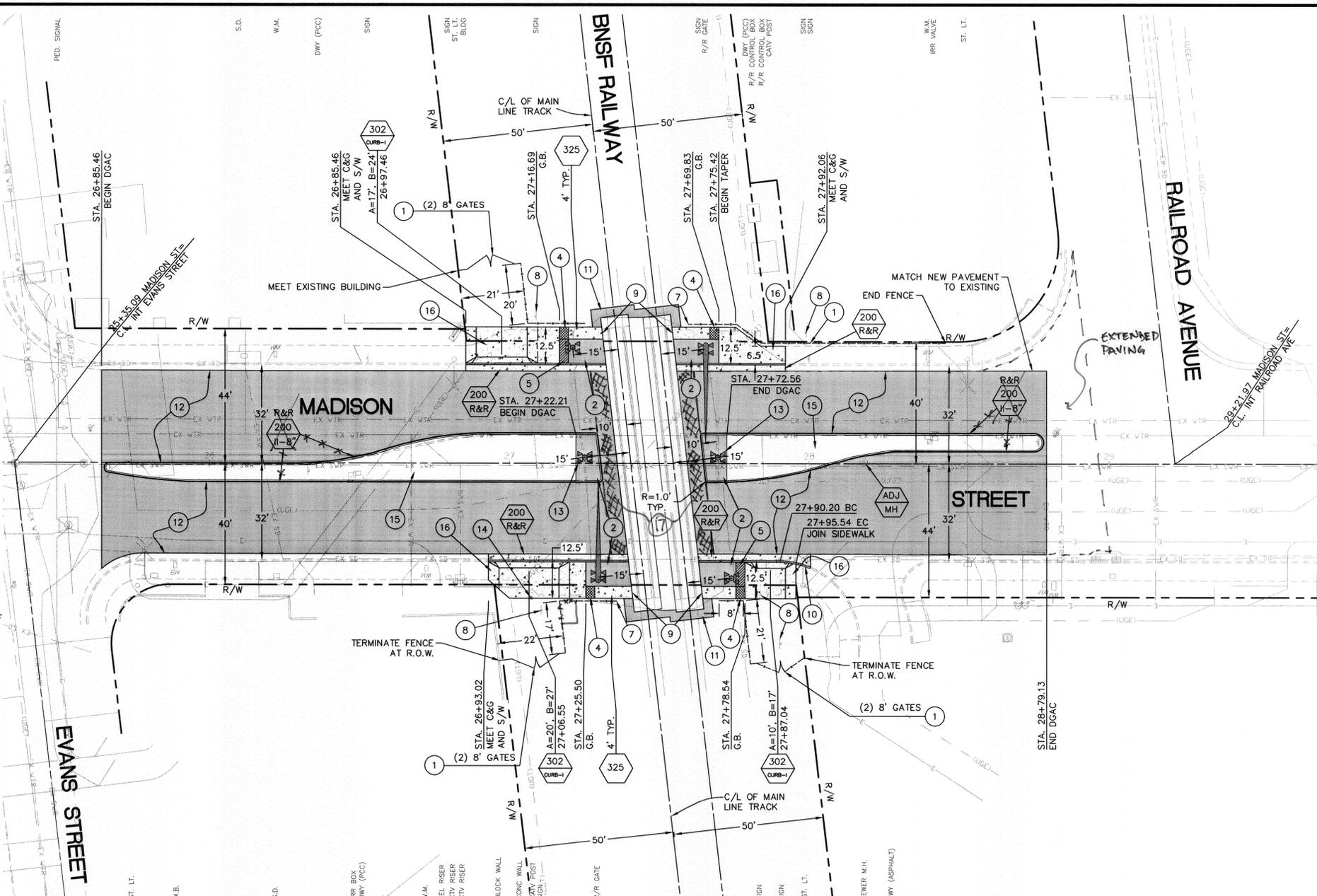
ADD CROSSING ID #	REVISIONS	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC	CHECKED BY: GMH

SIGNING AND STRIPING PLAN		R-4204
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS		
SCALE: 1" = 20'		FILE NAME: R-4204.DWG
		SHEET 15 OF 21

INDEXED 10-26-15

**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.
- PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- CONSTRUCT NEW/R&R PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- INSTALL 6' TALL CHAIN LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R8B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (4) LOCATIONS. ALL NEW FENCING SHALL TERMINATE AT THE NEAREST EXISTING IMPROVEMENT OR R.O.W.**
- CONSTRUCT DGAC, 3.5" MIN. DEPTH
- NOT USED
- INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.
- INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- CONSTRUCT NEW MEDIAN CURB AROUND EXISTING MANHOLE COVER.
- ALL NEW CHAIN LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.**
- REMOVE SIGN AND POST AND REINSTALL (USING NEW POST IF NECESSARY) TO NEW GRADE AND LOCATION AS DIRECTED BY ENGINEER.
- INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS)
- CONTRACTOR TO RE-CONSTRUCT A PORTION OF THE EXISTING SPANDREL TO THE NEAREST JOINT. MATCH EXISTING FLOW LINE.
- AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20" (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- NEW #8 WARNING DEVICE TO BE INSTALLED BY OTHERS.
- CABLE TV POST TO BE RELOCATED (BY OTHERS).
- PROTECT IN PLACE ALL EXISTING IMPROVEMENTS, HARDSCAPE, LANDSCAPE, IRRIGATION, PULLBOXES, UTILITIES, ETC. WITHIN THE MEDIANS. THE NEW MEDIAN CURBS WILL BE CONSTRUCTED IN THE EXACT SAME LOCATION AS THE EXISTING WITH THE EXCEPTION OF RECONSTRUCTING THE PORTION NEAREST THE CROSSING.
- REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.

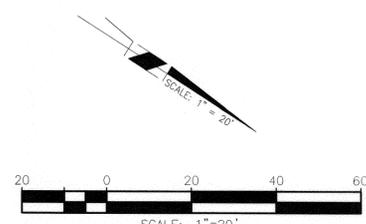


**17 TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC MEDIAN CURB IN THIS AREA WAS R+R TO CLEAR TRACK REQUIREMENT.**

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
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**\*\*NOTE:**  
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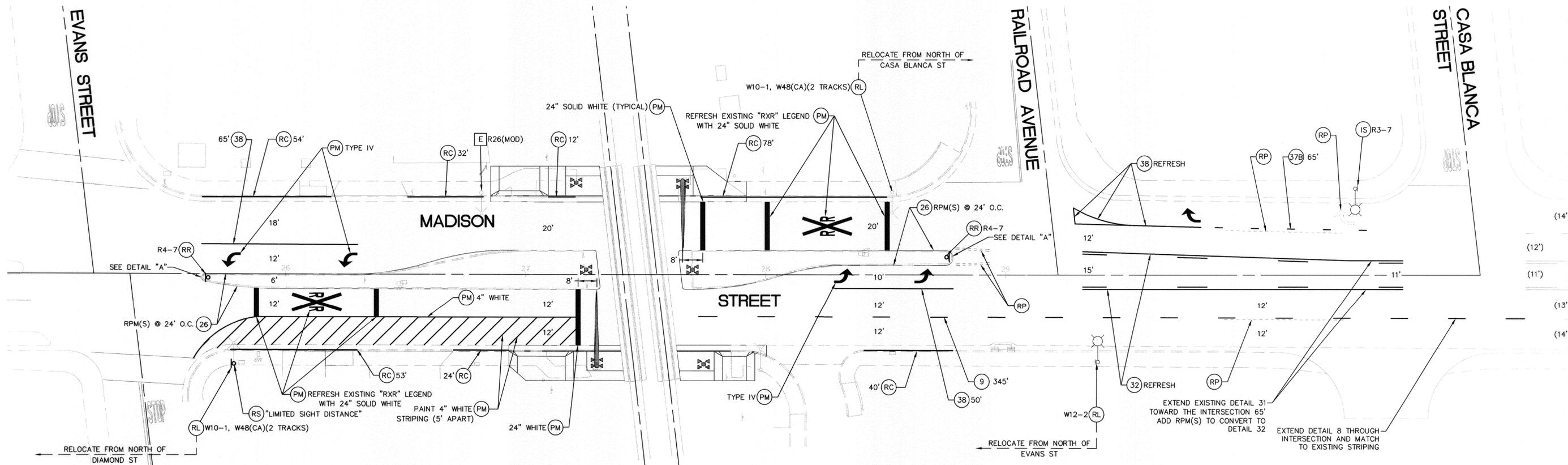
Under Ground Service Alert of Southern California  
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TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE  
*Deborah V. Anderson*  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE 3-14-12

REPLACE FENCE TYPE/MATERIAL & ADD STREET NAME  
DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: DVA

CROSSING ID: MILEPOST # 13.74 USDOT # 026501E CPUC # 002B-13.70  
**MADISON STREET**  
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
SCALE: 1" = 20'  
ACCT. NO. W.O. NO. R-4204  
SHEET 16 OF 21  
FILE NAME: R-4204.DWG



**SIGNING AND STRIPING GENERAL NOTES:**

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- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
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- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

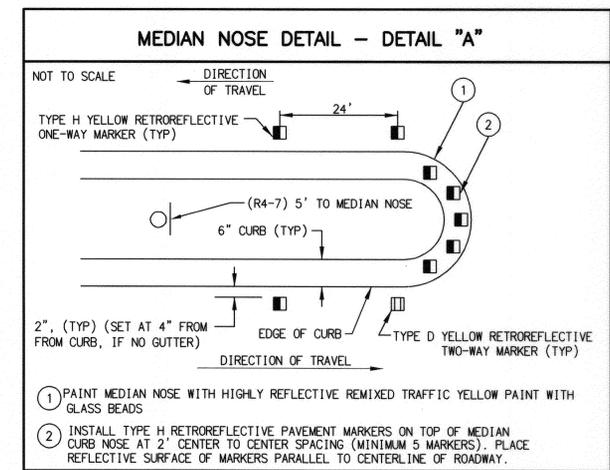
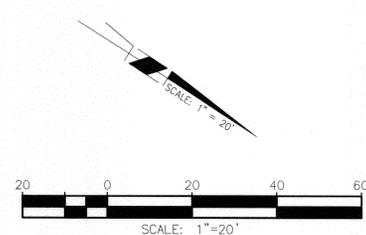
**CONSTRUCTION NOTE:**

\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

**SIGNING AND STRIPING LEGEND:**

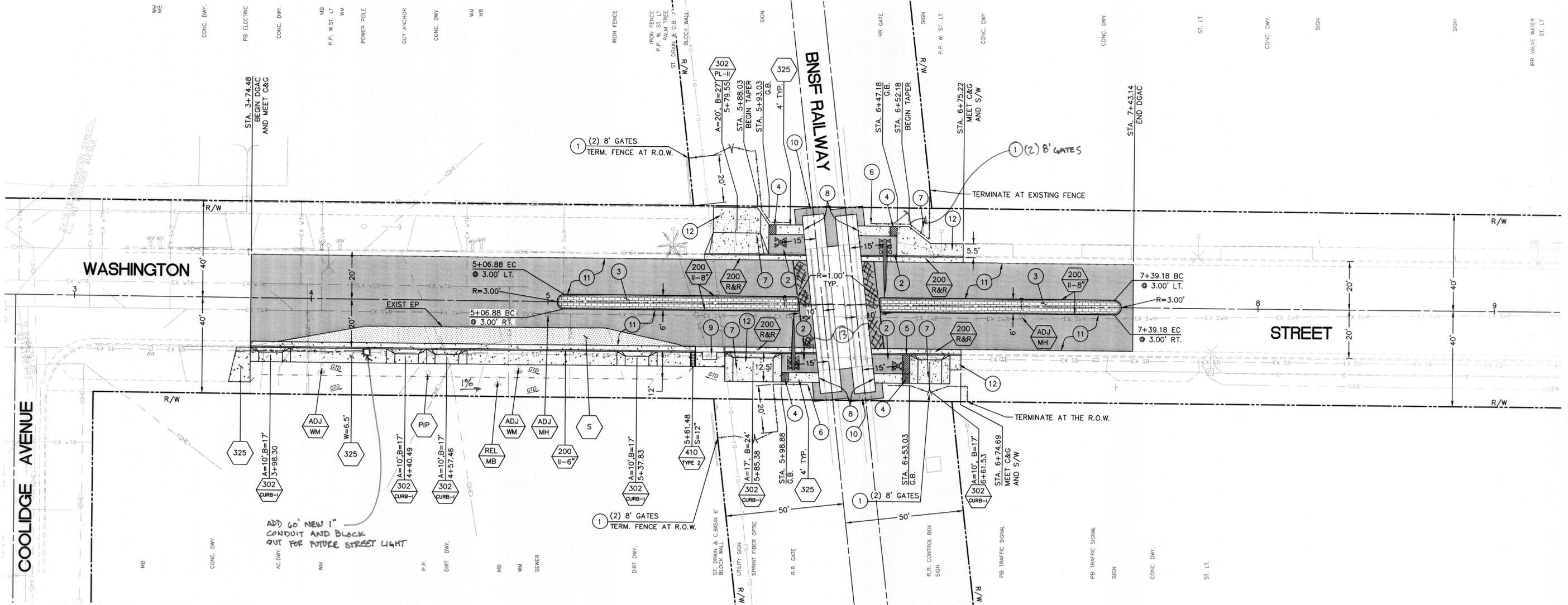
- [E] EXISTING TO REMAIN.
- [PM] INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- [RP] REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- [RC] PAINT OR REFRESH CURB (RED)
- [IS] FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- [RS] REMOVE AND SALVAGE SIGN(S)
- [RR] REMOVE AND REPLACE SIGN(S)
- [RL] RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- [#] INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



<p>ENGINEER IN CHARGE GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 8-30-12 DATE: 3-14-12</p>	<p>DESIGNED BY: DMC DRAIN BY: DMC CHECKED BY: GMH</p>	<p>ADD CROSSING ID #</p>	<p>REVISIONS</p>	<p>APPR. DATE</p>	<p>SIGNING AND STRIPING PLAN STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS</p>	<p>R-4204</p>
	<p>SCALE: 1" = 20'</p>	<p>AS-BUILT 10-26-15 DC</p>	<p>SHEET 17 OF 21</p>	<p>FILE NAME: R-4204.DWG</p>	<p>INDEXED 10-26-15 DC</p>	

G:\Admin\Common\Engineering Files\Projects\Railroads\Quiet Zone\Traffic\CADD Sheets\R4204-17 Madison Striping.dwg, 04/02/2012 11:10:21 PM, Xerox 8850 Mylar, Mirrored.pc3

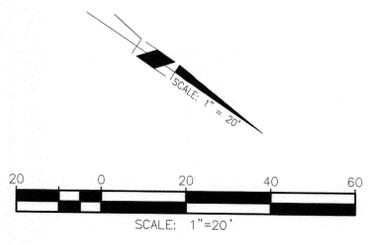


**CONSTRUCTION NOTES:**

- 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.
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- 200 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- 200 R&R REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- 302 CURB CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- 325 CONSTRUCT NEW PCC SIDEWALK PER CITY STD. 325, WIDTH PER PLAN
- S CONSTRUCT ROADWAY STREET SECTION TO PROVIDE 0.35' OF DGAC OVER 0.75' OF CAB
- 1 INSTALL 6' TALL CHAIN LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2RGB20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) LOCATIONS. FENCING SHALL TERMINATE AT NEAREST IMPROVEMENT OR R.O.W.
- 2 CONSTRUCT DGAC SIDEWALK, 3.5" MIN. DEPTH.
- 3 CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312-10 QUARRY RED. (C-32) PATTERN SHALL BE LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND".
- 4 INSTALL 3' WIDE X 4' REMOVABLE TACTILE PANEL.
- 5 INSTALL 3' WIDE X 8' LONG REMOVABLE TACTILE PANEL OVER DGAC. PANEL TO BE REMOVED AFTER THE INSTALLATION OF THE #8 WARNING DEVICE.
- 6 ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 7 REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
- 8 INSTALL 1/2" JOINT FILLER BETWEEN CONCRETE TRACK PANELS AND THE NEW CONCRETE SIDEWALK (TYPICAL ALL FOUR QUADRANTS).
- 9 CONTRACTOR SHALL PROTECT IN PLACE EXISTING CATCH BASIN
- 10 AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24" STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 11 COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20" (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 12 REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 13 TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC.

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW STRUCTURAL DGAC PAVEMENT SECTION
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



**\*\*NOTE:**  
THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.

Under Ground Service Alert of Southern California  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

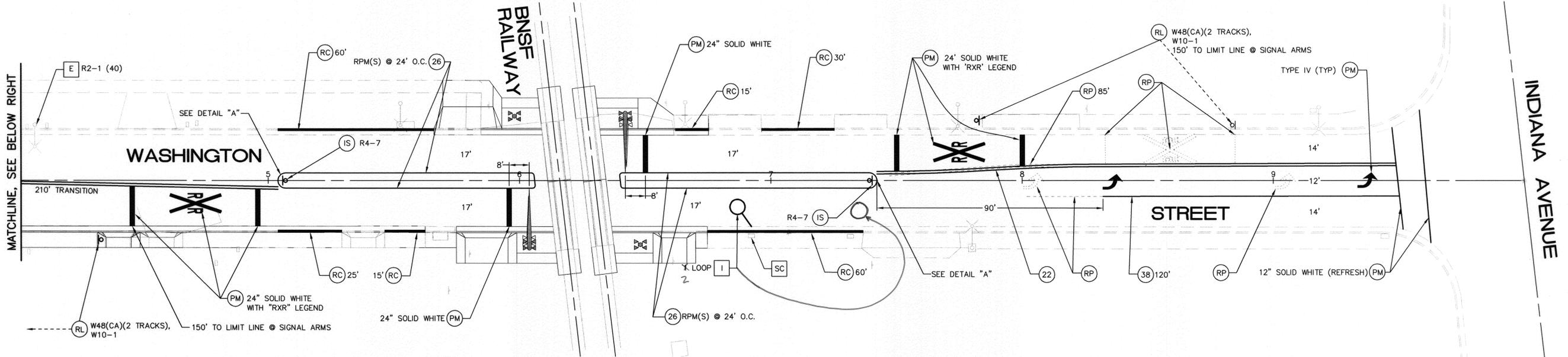
CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE 3-14-12

REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN & ADD STREET NAME IN TITLE BLOCK

WASHINGTON STREET  
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS

CROSSING ID: MILEPOST # 13.22  
USDOT # 026500X  
CPUC # 002B-13.20  
R-4204  
SHEET 18 OF 21  
FILE NAME: R-4204.DWG



**SIGNING AND STRIPING GENERAL NOTES:**

- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ADOPTED 2010, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
- THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

**CONSTRUCTION NOTES:**

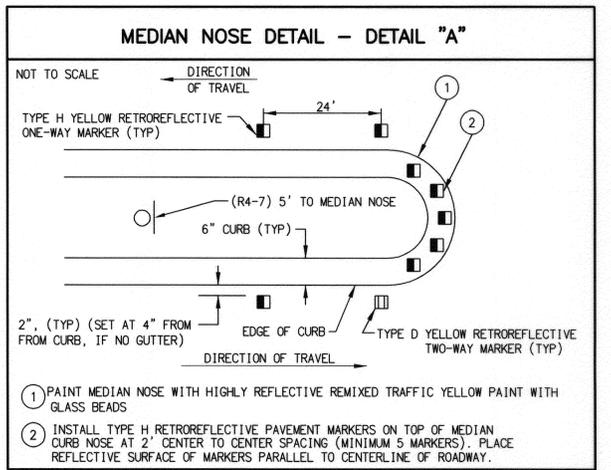
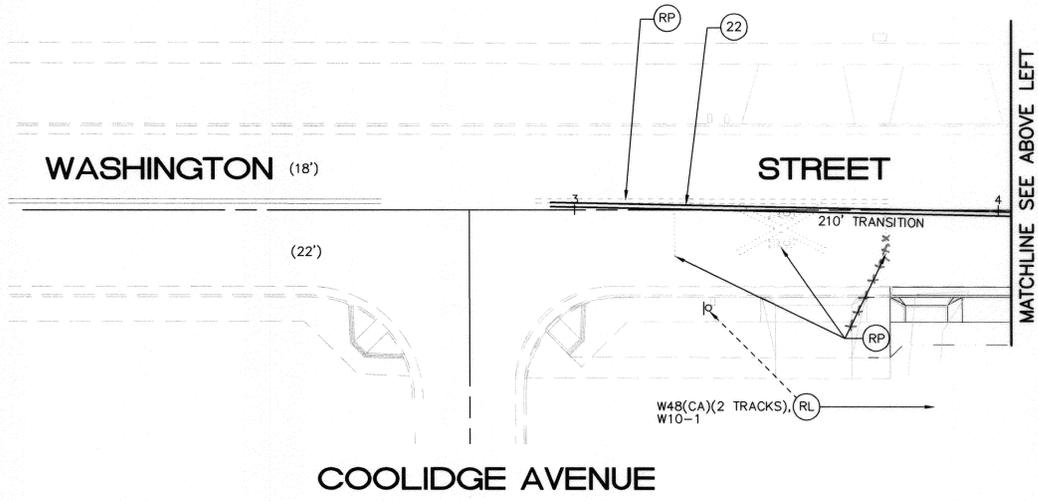
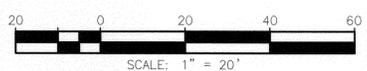
- [I] INSTALL TYPE "E" DETECTOR LOOP
- [SC] SPLICE NEW TO EXISTING CONDUCTORS

**\*\*NOTE:** CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

**SIGNING AND STRIPING LEGEND:**

- [E] EXISTING TO REMAIN.
- [PM] INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- [RP] REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- [RC] PAINT OR REFRESH CURB (RED)
- [IS] FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- [RS] REMOVE AND SALVAGE SIGN(S)
- [RR] REMOVE AND REPLACE SIGN(S)
- [RL] RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- [#] INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH

CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10



**ENGINEER IN RESPONSIBLE CHARGE**  
GILBERT M. HERNANDEZ  
R.C.E. No. 69170 EXPIRES: 6-30-12  
DATE: 3-14-12

**CITY OF RIVERSIDE**

**REGISTERED PROFESSIONAL ENGINEER**  
GILBERT M. HERNANDEZ  
No. 69170  
Exp. 06-30-12  
CIVIL  
STATE OF CALIFORNIA

ADD CROSSING ID #	REVISIONS	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC	CHECKED BY: CMH

**SIGNING AND STRIPING PLAN**  
**STREET IMPROVEMENTS**  
**AT VARIOUS**  
**BNSF RAILWAY CROSSINGS**

SCALE: 1" = 20'

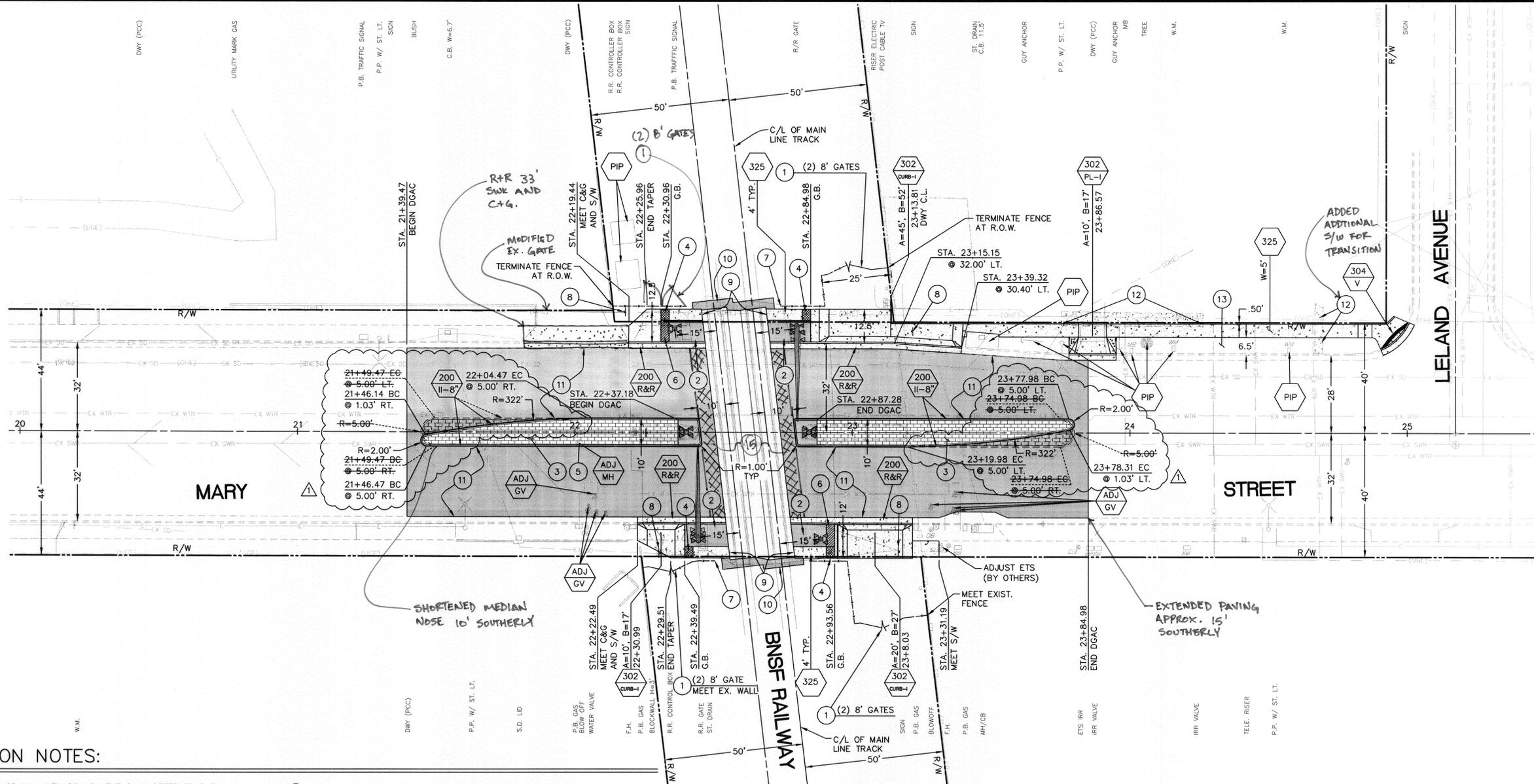
**R-4204**

SHEET: 19 OF 21

FILE NAME: R-4204.DWG

AS-BUILT 10-26-15

INDEXED 10-26-15



**CONSTRUCTION NOTES:**

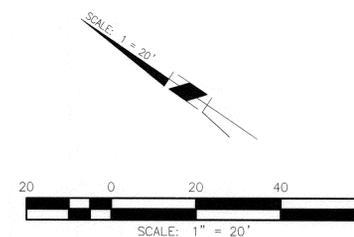
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- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN, (MH) SEWER/STORM DRAIN MANHOLE, (GV) GATE VALVE, (WM) WATER METER, (PB) PULL BOX
- 200 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY STD. 200, TYPE AND CF PER PLAN
- 200 R&R REMOVE EX. C&G AND CONSTRUCT NEW PCC C&G PER CITY STD. 200, TYPE I, 6" CF
- 302 CURB CONSTRUCT NEW PCC DRIVEWAY PER CITY STD. 302
- 304 V CONSTRUCT NEW PCC WHEELCHAIR RAMP PER CITY STD. 304
- 325 CONSTRUCT NEW PCC SIDEWALK PER CITY STD. 325
- 1 INSTALL 6" TALL CHAIN-LINK FENCE, PER STANDARD DRAWING 380, WHERE SHOWN ON PLAN. FURNISH AND INSTALL (4' HIGH), MONTAGE INDUSTRIAL GENESIS 2-RAIL BLACK STEEL FENCE (ITEM NO. 2R8B20468) AND GATES (4' HIGH) MONTAGE II GENESIS (WIDTH PER PLAN) BY AMERISTAR FENCE OR APPROVED EQUIVALENT. INSTALL SWING GATES PER PLAN AT (3) LOCATIONS. FENCING SHALL TERMINATE AT NEAREST IMPROVEMENT OR R.O.W.
- 2 CONSTRUCT DGAC SIDEWALK, 4" MIN. DEPTH, 3' PAST THE PROPOSED 4'x4' FOUNDATION POCKET FOR A COMMISSION STANDARD #9 OR #8 AUTOMATIC WARNING DEVICE (BY OTHERS). POCKET SHALL BE 5'-3" O.C. BEHIND CURB FACE AND 15' MIN. O.C. FROM NEAREST TRACK CENTERLINE.
- 3 CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-342-10 QUARRY RED. (C-32) PATTERN SHALL BE LOW-PROFILE, LOW-WAFFLE MOMANITE 12"x12" TILE. "NEW BRICK-RUNNING BOND".
- 4 INSTALL 3' WIDE X 4' LONG CAST-IN PLACE TACTILE PANEL.

- 5 CONSTRUCT NEW MEDIAN CURB AROUND EXISTING MANHOLE COVER.
- 6 INSTALL 3' WIDE X 8' LONG TACTILE PANEL OVER DGAC.
- 7 ALL NEW CHAIN-LINK FENCING SHALL TERMINATE AT 10' NORMAL TO THE CENTERLINE OF THE NEAREST TRACK. TYPICAL AT ALL FOUR QUADRANTS.
- 8 REMOVE SIGN AND POST AND REINSTALL TO NEW GRADE AND LOCATION, AS DIRECTED BY THE ENGINEER
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- 10 AC RAMP SHALL BE FULL DEPTH FOR THE FIRST 24' STARTING AT THE CONCRETE TRACK PANELS AND RAMP DOWN FOR THE FINAL 12". TOTAL 36" AROUND THE CONCRETE PANELS.
- 11 COLD MILL 0.10' (MIN.) AC PAVEMENT (TYPE II). CAP WITH A VARIABLE THICKNESS OF 0.20' (MIN.) DGAC, TO MATCH THE EXISTING AC PAVEMENT AND THE CONCRETE TRACK PANEL ELEVATIONS.
- 12 SAW-CUT THE EXISTING CONCRETE SIDEWALK AND/OR DRIVEWAY FOR THE PROPOSED IMPROVEMENTS. THE NEW SIDEWALK SHALL MATCH THE EXISTING ELEVATION AND SLOPE AT 2%.
- 13 STRAIGHT GRADE EXISTING PARKWAY FROM FRONT OF PROPOSED SIDEWALK TO BACK OF EXISTING CURB AT 2% MIN.
- 14 REMOVE AND DISPOSE OF EX. S/W, AC, BASE, REBAR, NATIVE SOIL AND MEDIAN CURB AS REQUIRED FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS PER PLAN.
- 15 TRENCH PATCH DUE TO BNSF TRENCHING, 6" AC.

**LEGEND:**

- NEW DGAC PAVEMENT
- NEW PCC CONCRETE
- NEW STAMPED CONCRETE
- PROPOSED #9 WARNING DEVICE (BY OTHERS)
- PROPOSED #8 WARNING DEVICE (BY OTHERS)
- PROPOSED CAST-IN PLACE TACTILE PANEL
- PROPOSED REMOVABLE TACTILE PANEL
- EXISTING RAILROAD EQUIPMENT TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED

**\*\*NOTE:**  
THE CURB SHALL BE FULL HEIGHT UP TO 15' FROM THE CENTERLINE OF NEAREST TRACK. THE CURB SHALL TRANSITION FROM FULL HEIGHT TO ZERO HEIGHT WITHIN THE NEXT 5' AND SHALL HAVE ZERO HEIGHT AT 10' FROM CENTERLINE OF NEAREST TRACK.



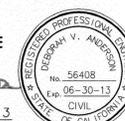
CROSSING ID:  
MILEPOST # 12.96  
USDOT # 026499F  
CPUC # 002B-13.00

AS-BUILT 10-26-15 DC

Under Ground Service Alert of Southern California  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG



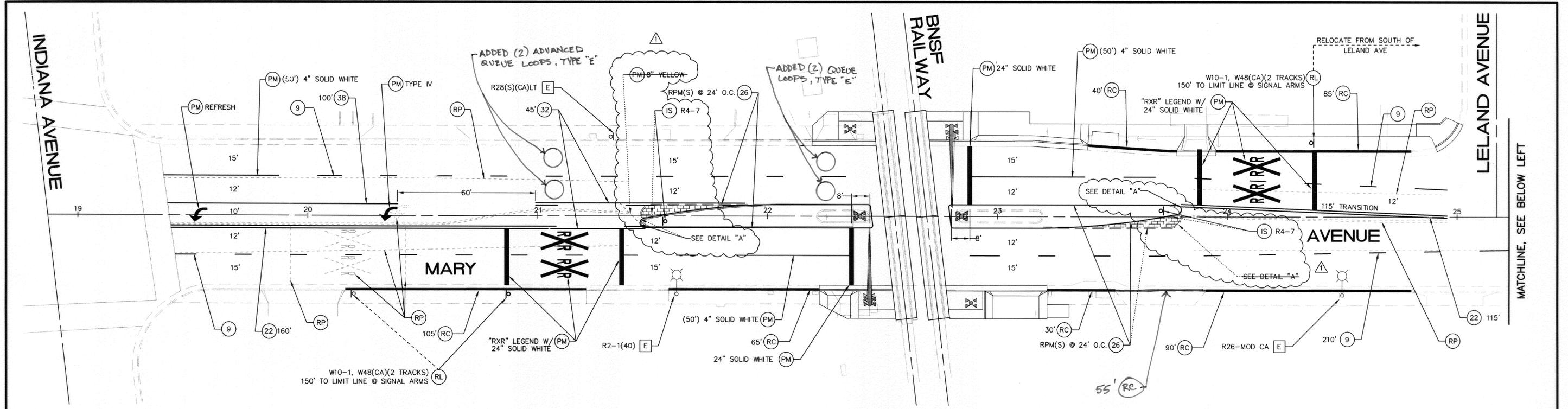
ENGINEER IN RESPONSIBLE CHARGE  
*Deborah V. Anderson*  
DEBORAH V. ANDERSON  
R.C.E. No. 56408 EXPIRES: 06-30-13  
DATE 3-14-12



REPLACE FENCE TYPE/MATERIAL, STAMPED CONCRETE PATTERN, ADD STREET NAME & MEDIAN ALIGNMENT	DATE
REVISIONS	APPR. DATE
DESIGNED BY: DMC	DRAWN BY: DMC
CHECKED BY: DVA	

**MARY STREET**  
STREET IMPROVEMENTS AT VARIOUS BNSF RAILWAY CROSSINGS  
SCALE: 1" = 20'

ACCT. NO. W.O. NO.  
**R-4204**  
SHEET 20 OF 21  
FILE NAME: R-4204.DWG



**SIGNING AND STRIPING GENERAL NOTES:**

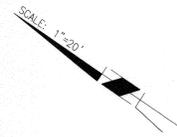
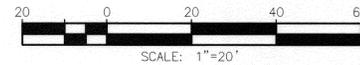
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- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE REFLECTIVE SHEETING SHALL BE 3M DG3 (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SALVAGED SIGNS AND SIGN POSTS SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

**CONSTRUCTION NOTE:**

\*\*NOTE: CONTRACTOR SHALL DELIVER (6) W10-9P SIGNS TO THE CITY SIGN SHOP TO BE INSTALLED AFTER THE "QUIET ZONE" HAS BEEN COMPLETED BY THE RAILROAD.

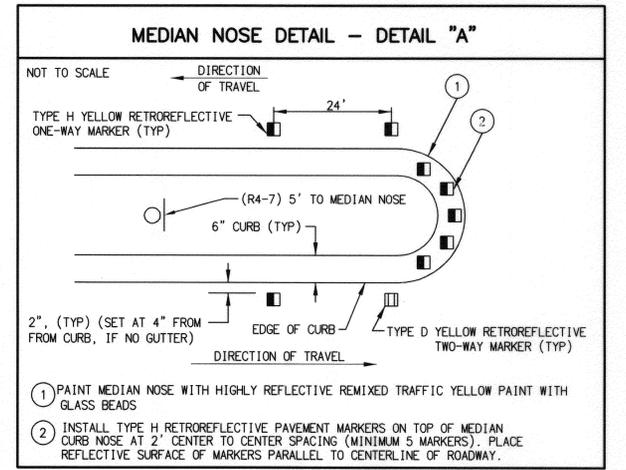
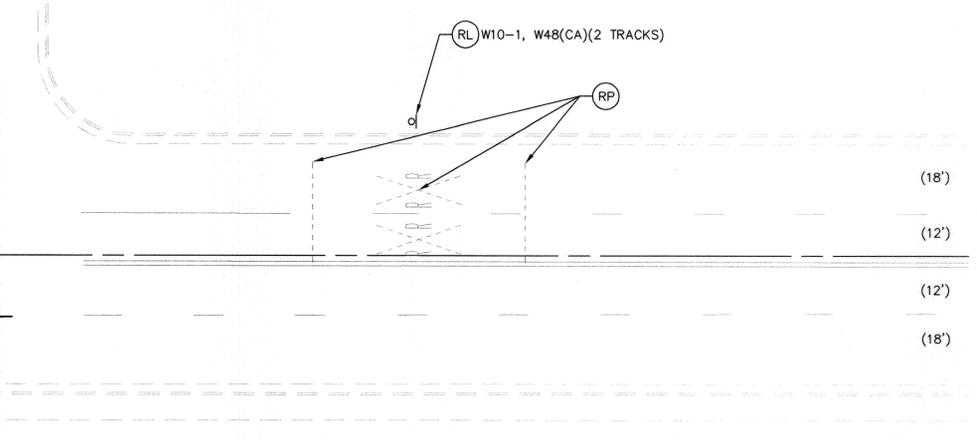
**SIGNING AND STRIPING LEGEND:**

- [E] EXISTING TO REMAIN.
- [PM] INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- [RP] REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- [RC] PAINT OR REFRESH CURB (RED)
- [IS] FURNISH AND INSTALL SIGN(S) AND/OR POST (IF APPLICABLE)
- [RS] REMOVE AND SALVAGE SIGN(S)
- [RR] REMOVE AND REPLACE SIGN(S)
- [RL] RELOCATE EXISTING SIGN(S), INSTALL POST IF APPLICABLE
- [#] INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- ⊙ PROPOSED SIGN (ONE POST)
- ⊖ EXISTING SIGN (ONE POST)
- ⊙ EXISTING SIGN (ON STREET LIGHT)
- (12') EXISTING WIDTH
- 12' PROPOSED WIDTH



MATCHLINE, SEE ABOVE RIGHT

MATCHLINE, SEE BELOW LEFT



CROSSING ID:  
MILEPOST # 20.05  
USDOT # 026516U  
CPUC # 002B-20.10

**ENGINEER IN RESPONSIBLE CHARGE**  
GILBERT M. HERNANDEZ  
R.C.E. No. 69170 EXPIRES: 6-30-12  
DATE: 3-14-12

NO.	REVISIONS	DATE
1	ADJUST MEDIAN STRIPING & ADD CROSSING ID #	4-1-12

DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: GMH

**SIGNING AND STRIPING PLAN**  
**STREET IMPROVEMENTS**  
**AT VARIOUS**  
**BNSF RAILWAY CROSSINGS**

SCALE: 1" = 20'

**R-4204**  
SHEET 21 OF 21  
FILE NAME: R-4204.DWG