


12/5/2006 11:12:12 AM J:\HY\PROJECTS\Jurupa\Drawings\K-01.sht

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
	GENERAL	
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CS-03	CONSTRUCTION STAGING - STAGE 5 & STAGE 6	
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C-02	PLAN - JURUPA AVENUE *J* 95+00 TO *J* 100+00	
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C-14	STREET IMPROVEMENT PLAN - MOUNTAIN VIEW AVENUE	
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C-18	NOT USED	
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DE-02	PLAN AND PROFILE - DETOUR ROAD	
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SD-01	PLAN AND PROFILE - STORM DRAIN SHT 1	
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SS-01	PLAN AND PROFILE - SANITARY SEWER SHT 1	
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RC-01	TYPICAL CROSS SECTIONS - SHEET 1 OF 3	
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DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
	TRACK (CONTINUED)	
RP-01	SHOOFLY PLAN & PROFILE - MT2 2784+00 TO MT2 2795+00	
RP-02	SHOOFLY PLAN & PROFILE - MT2 2795+00 TO MT2 2806+00	
RP-03	SHOOFLY PLAN & PROFILE - MT2 2806+00 TO MT2 2817+00	
RP-04	SHOOFLY PLAN & PROFILE - ROHR SPUR TRACK - RSST 2+65.82 TO RSST 10+00	
RP-05	NOT USED	
RP-06	PLAN & PROFILE - REALIGNED ROHR SPUR TRACK - RRST 10+00 TO RRST 18+93	
RP-07	SHOOFLY TRACK - 701 PROFILE - MT2 2792+00 TO MT2 2814+00	
RP-08	PLAN & PROFILE - DRAIN PIPE AND RETAINING WALL	
RP-09	RETAINING WALL DETAILS	
RP-10	FINAL MAIN TRACK 1 PROFILE - MT2 2792+00 TO MT2 2815+00	
RP-11	FINAL MAIN TRACK 2 PROFILE - MT2 2792+00 TO MT2 2815+00	
RP-12	FINAL TRACK 701 PROFILE - MT2 2789+00 TO MT2 2812+00	
RP-13	FINISHED PARK GRADING PLAN - MT2 2789+00 TO MT2 2801+00	
RP-14	DELINEATION OF RAILROAD WORK	
RT-01	GEOMETRY DATA - SHEET 1 OF 2	
RT-02	GEOMETRY DATA - SHEET 2 OF 2	
RX-01	TRACK CROSS-SECTIONS - MT2 2790+00 TO MT2 2797+00	
RX-02	TRACK CROSS-SECTIONS - MT2 2798+00 TO MT2 2805+00	
RX-03	TRACK CROSS-SECTIONS - MT2 2806+00 TO MT2 2811+00	
RX-04	TRACK CROSS-SECTIONS - RSST 3+00 TO RSST 10+00	
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	STRUCTURAL	
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S-03	GENERAL STRUCTURAL NOTES	
S-04	PAY LIMITS	
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S-06	ABUTMENT 1 LAYOUT	
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S-10	ABUTMENT DETAILS NO. 3	
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S-12	BENT DETAILS NO. 1	
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S-14	GIRDER LAYOUT - SPANS 1 & 2	
S-15	GIRDER LAYOUT - SPANS 3 & 4	
S-16	GIRDER DETAILS NO. 1	
S-17	GIRDER DETAILS NO. 2	
S-18	TYPICAL SECTION AND DECK REINFORCEMENT	
S-19	DECK DETAILS	
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S-21	DECK DRAINAGE DETAILS	
S-22	STRUCTURE APPROACH DETAILS	
S-23	STRUCTURE APPROACH DRAINAGE DETAILS	
S-24	WATERPROOFING DETAIL	
S-25	HAND RAILING DETAILS	
S-26	SLOPE PAVING DETAILS	
	MISCELLANEOUS DETAILS	
	GEOTECHNICAL	
B-01	LOG OF TEST BORINGS - SHEET 1 OF 2	
B-02	LOG OF TEST BORINGS - SHEET 2 OF 2	

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
	LANDSCAPING & IRRIGATION	
L-1	TITLE SHEET	
TR-1	TREE RETENTION PLAN	
TR-2	TREE RETENTION PLAN	
CD-1	CONSTRUCTION DETAILS	
CD-2	MEDIAN ENLARGEMENT	
I-1	IRRIGATION PLAN	
I-2	IRRIGATION PLAN	
I-3	IRRIGATION PLAN	
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I-5	IRRIGATION PLAN	
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I-7	IRRIGATION DETAILS	
I-8	IRRIGATION NOTES	
I-9	IRRIGATION NOTES	
I-10	IRRIGATION NOTES	
P-1	PLANTING PLAN	
P-2	PLANTING PLAN	
P-3	PLANTING PLAN	
P-4	PLANTING PLAN	
P-5	PLANTING PLAN	
P-6	PLANTING PLAN	
P-7	PLANTING DETAILS	
	ROADWAY CROSS SECTION	
CX-01	CROSS SECTIONS - JURUPA AVENUE	
CX-02	CROSS SECTIONS - JURUPA AVENUE	
CX-03	CROSS SECTIONS - JURUPA AVENUE	
CX-04	CROSS SECTIONS - JURUPA AVENUE	
CX-05	CROSS SECTIONS - JURUPA AVENUE	
CX-06	CROSS SECTIONS - JURUPA AVENUE	
CX-07	CROSS SECTIONS - JURUPA AVENUE	
CX-08	CROSS SECTIONS - JURUPA AVENUE	
CX-09	CROSS SECTIONS - FLORENCE STREET	
CX-10	CROSS SECTIONS - PROPOSED WILLIAM STREET	
	TRAFFIC SIGNAL	
X-436	JURUPA AVENUE AT FLORENCE STREET	
	WATER	
D5-0701612-1	12" WATER MAIN RELOCATION	
D5-0701612-2	12" WATER MAIN RELOCATION	
D5-0701612-3	12" WATER MAIN RELOCATION	
	ELECTRIC	
-070015-01	UNDERGROUND ELECTRIC STRUCTURES AND SHOOFLY - SHEET 1 OF 3	
-070015-01	UNDERGROUND ELECTRIC STRUCTURES AND SHOOFLY - SHEET 2 OF 3	
-070015-01	UNDERGROUND ELECTRIC STRUCTURES AND SHOOFLY - SHEET 3 OF 3	
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-070021-1	JURUPA UNDERPASS STREET LIGHTING - SHEET 1 OF 2	
-070021-1	JURUPA UNDERPASS STREET LIGHTING - SHEET 2 OF 2	

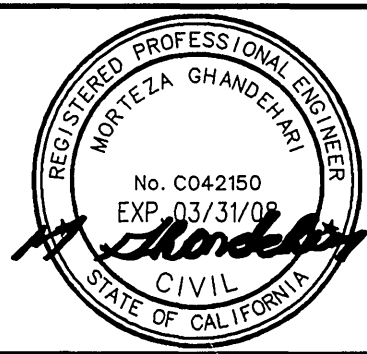


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MORTEZA GHANDEHARI
No. C042150
EXP. 03/31/09
CIVIL
STATE OF CALIFORNIA

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	<i>[Signature]</i>	12/18/06
CORRY. CONTRACT ADMIN.	<i>[Signature]</i>	12/18/06
STREET SERVICES	<i>[Signature]</i>	12/18/06
SURVEYOR	<i>[Signature]</i>	12/18/06
TRAFFIC DIVISION	<i>[Signature]</i>	12/18/06
PARKS DEPARTMENT	<i>[Signature]</i>	12/18/06

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	PM	DRAWN BY	SR
CHECKED BY	JLP		

AS BUILT 1-20-10

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
APPROVED BY	<i>[Signature]</i>	12/18/06
CITY ENGINEER	<i>[Signature]</i>	12/18/06

JURUPA AVENUE UNDERPASS
PHASE 11 CONSTRUCTION

INDEX OF DRAWINGS

SCALE: NONE

R-3634
K-01

OCTOBER 9, 2006

GENERAL NOTES FOR RAILROAD GRADING

1. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS AND THE SPECIFICATIONS FOR THIS CONTRACT.
2. ALL CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED AND COORDINATED THROUGH THE ENGINEER, INCLUDING THE VARIOUS COMPANIES, AGENCIES AND OTHER CONTRACTORS WHO MAY BE AFFECTED BY THIS WORK. ALL REQUIRED PERMITS INCLUDING RAILROAD RIGHT-OF-ENTRY PERMITS NEEDED FOR THE WORK SHALL BE OBTAINED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COMPLY WITH ALL RAILROAD OCCUPANCY REQUIREMENTS INCLUDING INSURANCE REQUIREMENTS AND USE OF AND PAYMENT FOR RAILROAD FLAGMEN.
3. HORIZONTAL AND VERTICAL CONTROL POINTS FOR THE TRACK LAYOUT ARE IDENTIFIED IN THE CONTRACT DOCUMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THESE CONTROL POINTS TO ASSURE THAT ALL FACILITIES INCLUDED IN THIS PROJECT ARE CONSTRUCTED AT THE CORRECT VERTICAL AND HORIZONTAL LOCATIONS.
4. THE UNION PACIFIC RAILROAD (UPRR) WILL CONSTRUCT ALL TRACKWORK. TRACKWORK DONE BY UPRR WILL INCLUDE ALL MATERIAL ABOVE THE TOP OF THE SUBBALLAST. THE CONTRACTOR IS RESPONSIBLE FOR ALL GRADING WORK BELOW THE TOP OF SUBBALLAST. GRADING WORK CONSISTS OF SUBGRADE PREPARATION AND PLACEMENT OF SUBBALLAST TO GRADES INDICATED ON THE PLANS.
5. SUBGRADE BELOW A TRACK (I.E. WITHIN 14' OF THE CENTERLINE OF A TRACK), SHALL BE COMPACTED TO 95% OF THE MAXIMUM PROCTOR DENSITY. ALL OTHER SUBGRADE WORK SHALL BE COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM PROCTOR DENSITY.
6. NOT USED
7. POSITIVE DRAINAGE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION TO PREVENT PONDING OF WATER.
8. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF CALIFORNIA NPDES PERMIT REGARDING THE TREATMENT OF WATER BEFORE DISCHARGING OFF OF UPRR R/W.
9. SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS VALID. THE CONTRACTOR SHALL CALL THE UNDERGROUND SERVICE ALERT (1-800-422-4133) TWO WORKING DAYS PRIOR TO CONSTRUCTION TO OBTAIN A DIG ALERT ID NUMBER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE FIBER OPTIC LINES.
10. THE CONTRACTOR SHALL BECOME FAMILIAR WITH LEGISLATION OUTLINING PROCEDURES FOR LOCATING UTILITIES BY HAND EXCAVATION AND COMPLY WITH ITS DIRECTIVE.
11. PRIOR TO EACH CONSTRUCTION ACTIVITY WITHIN UPRR RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY UPRR'S SIGNAL REPRESENTATIVE.
12. THE CONTRACTOR SHALL PROTECT ALL UPRR SIGNAL FACILITIES IN PLACE.
13. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR CONFLICTS WITH EXISTING UTILITIES, SIGNAL CABLES / EQUIPMENT AND/OR OTHER ITEMS THAT MIGHT IMPAIR CONSTRUCTION ACTIVITIES. INCONSISTENCIES FOUND SHALL BE REPORTED TO THE ENGINEER.
14. REPAIRS TO FACILITIES INTENDED TO REMAIN IN PLACE SHALL BE MADE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE STATED BY THE ENGINEER.
15. ALL EXCAVATED WASTE MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE. ONSITE STORAGE OF EXCAVATED WASTE MATERIAL SHALL NOT BE PERMITTED AT ANY TIME.
16. ON-SITE CONSTRUCTION BY OTHERS, INCLUDING ROUTINE MAINTENANCE WORK, (UPRR FORCES, UPRR SIGNAL CONTRACTOR, SCRRRA, FIBER OPTIC, UTILITIES, ETC.) MAY OCCUR DURING THE CONSTRUCTION PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES THROUGH THE ENGINEER SO AS TO MINIMIZE INTERFERENCE WITH OTHERS.
17. PRIOR TO COMMENCING WORK, ALL EXISTING SITE CONDITIONS SHALL BE FIELD VERIFIED WITH THE ENGINEER TO ASCERTAIN THE LIMITS OF WORK ACTIVITIES. THE CONTRACTOR SHALL SUBMIT AND RECEIVE THE ENGINEER'S APPROVAL OF THE CONTRACTORS PROJECT SCHEDULE AND OPERATIONS PLAN. EACH ITEM OF WORK SHALL BE DESCRIBED AND ACCOUNTED FOR IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING SUBMITTAL REQUIREMENTS.
18. RAIL TRAFFIC DISRUPTIONS SHALL BE KEPT TO A MINIMUM. DISRUPTIONS IN RAIL TRAFFIC THAT MAY BE REQUIRED SHALL BE COORDINATED WITH THE ENGINEER BEFOREHAND. NO SUCH WORK SHALL BE COMMENCED WITHOUT THE ENGINEER'S APPROVAL. WORK AFFECTING THE MOVEMENT OF TRAINS WILL BE UNDER THE AUTHORITY AND OVERALL CONTROL OF THE ENGINEER OR HIS REPRESENTATIVE. SCRRRA COMMUTER TRAIN OPERATIONS AND UPRR FREIGHT TRAFFIC MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
19. THE CONTRACTOR SHALL NOT PLACE MATERIAL AND/OR EQUIPMENT WITHIN 25 FEET OF AN ACTIVE TRACK AT ANY TIME WITHOUT PRIOR APPROVAL OF THE ENGINEER.
20. EXISTING RAILROAD SIGNAGE (INCLUDING SPEED SIGNS) SHALL BE MAINTAINED DURING THE CONSTRUCTION PERIOD. ALL RAILROAD SIGNAGE SHALL BE FULLY RESTORED UPON COMPLETION OF EACH DAY'S WORK IN ACCORDANCE WITH UPRR ENGINEERING STANDARDS. PRIOR TO CONSTRUCTION, BNSF STANDARD PROJECT NOTICE SIGNS SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER. NO TRESPASSING SIGNS SHALL BE PLACED IN ACCORDANCE WITH UPRR STD DWG 0538A AND AS SHOWN ON THE DRAWINGS.
21. ALL WORK SHALL BE COORDINATED WITH UPRR'S SIGNAL ENGINEER, SIGNAL FORCES AND SIGNAL CONTRACTOR THRU THE ENGINEER. WORK WILL BE PHASED TO EFFECT THE CONTINUED OPERATION OF EXISTING SIGNAL SYSTEM DURING CONSTRUCTION. IN NO INSTANCE MAY WORK PROCEED IN ANY AREA WITHOUT ADVANCE APPROVAL OF UPRR'S SIGNAL ENGINEER. THE CONTRACTOR SHALL LOCATE ALL SIGNAL AND COMMUNICATION CONDUITS, CABLES, WIRES, OR OTHER TRACK, TRACK BED, AND RIGHT-OF-WAY.
22. WALKWAYS SHALL BE PLACED AS REQUIRED BY CALIFORNIA PUBLIC UTILITIES COMMISSION GENERAL ORDER NO. 118 AND 26D FOR ALL NEW CONSTRUCTION, UNLESS NOTED OTHERWISE.
23. DIMENSIONS SHOWN IN PARENTHESES INDICATE APPROXIMATE EXISTING DIMENSIONS. WHERE ELEVATIONS ARE SHOWN IN PARENTHESES AT JOIN LOCATIONS, THE CONTRACTOR SHALL VERIFY THESE ELEVATIONS PRIOR TO CONSTRUCTION AND JOIN FEATURES AT EXISTING ELEVATIONS.


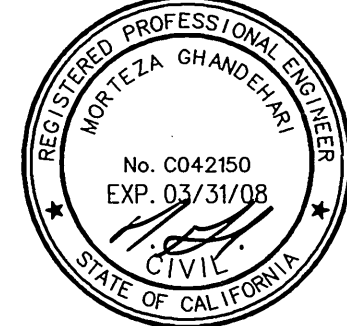
DEFINITIONS:

- A. TRACK OUTAGE: TRACK WHICH IS OUT OF SERVICE FOR A GIVEN PERIOD OF TIME.
- B. ACTIVE TRACK: TRACK ON WHICH TRAINS ARE OPERATING AND INTERRUPTION OF SERVICE MAY OCCUR ONLY WITHIN AN APPROVED "WINDOW", AS DEFINED BELOW.
- C. FOULED TRACK: TRACK IS FOULED WHEN AN OBSTRUCTION INCLUDING A WORKING CREW, IS WITHIN 25 FEET FROM THE CENTERLINE OF THE TRACK OR WHEN AN OVERHEAD OBSTRUCTION IS PLACED WITHIN 22'-6" ABOVE THE TOP OF RAIL WORK MAY BE PERFORMED UNDER THE PROTECTION OF A RAILROAD FLAGMAN.
- D. WINDOW: A GIVEN PERIOD OF TIME BETWEEN OPERATING TRAINS WHERE A TRACK MAY BE TAKEN OUT OF SERVICE, WITH THE STIPULATION THAT THE TRACK SHALL BE BACK IN SERVICE AT THE END OF THE GIVEN PERIOD OF TIME.

ABBREVIATIONS:

&	AND	MAINT	MAINTENANCE
@	AT	M/L	MAINLINE
°	DEGREE(S)	MFR	MANUFACTURER
φ	DIAMETER	MAX	MAXIMUM
'	FOOT or FEET or MINUTE(S)	MIN	MINIMUM
"	INCH or INCHES or SECOND(S)	MP	MILEPOST
%	PERCENT	MPH	MILES PER HOUR
*	POUND or NUMBER	N	NORTH or NORTHERLY or NORTHING
ABT	ABOUT	NF	NEAR FACE
ABUT	ABUTMENT	NO	NUMBER or NORTHERN
AC	ASPHALT CONCRETE	NIC	NOT IN CONTRACT
ADD'L	ADDITIONAL	NTS	NOT TO SCALE
ALT	ALTERNATE		
APPROX	APPROXIMATELY	OC	ON CENTER
APWA	AMERICAN PUBLIC WORKS ASSOCIATION	OG	ORIGINAL GROUND
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	OTM	OTHER TRACK MATERIAL
AVE	AVENUE	PB	PULLBOX
		PCC	PORTLAND CEMENT CONCRETE or POINT OF COMPOUND CURVATURE
BC	BEGIN CURVE	PC	POINT OF CURVATURE
BK	BACK	PG	PROFILE GRADE
BVC	BEGIN VERTICAL CURVE	PL	PLACE
BW	BACK OF WALK (SIDEWALK)	PL	PLATE
		PL	PROPERTY LINE
CALTRANS	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	POB	POINT OF BEGINNING
CB	CATCH BASIN	POC	POINT OF CURVE
CIP	CAST IRON PIPE	POE	POINT OF ENDING
CIDH	CAST-IN-DRILLED-HOLE	POT	POINT ON TANGENT
CAL	CALIFORNIA	POVC	POINT ON VERTICAL CURVE
C-C	CENTER-TO-CENTER	PRC	POINT OF REVERSE CURVATURE
CF	CURB FACE	PROP	PROPOSED
C/L or CL	CENTERLINE	PSI	POUNDS PER SQUARE INCH
CLR	CLEAR	PT	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	PVC	POLY VINYL CHLORIDE or POINT OF VERTICAL CURVATURE
CORR	CORRUGATED	PVCC	POINT OF VERTICAL COMPOUND CURVATURE
CONST	CONSTRUCTION	PVI	POINT OF VERTICAL INTERSECTION
CONST JT	CONSTRUCTION JOINT	PVRC	POINT OF VERTICAL REVERSE CURVATURE
CP	CONTROL POINT	PVT	POINT OF VERTICAL TANGENCY
CPUC or PUC	CALIFORNIA PUBLIC UTILITIES COMMISSION		
CFSI	CONCRETE REINFORCING STEEL INSTITUTE	RC BOX	REINFORCED CONCRETE BOX
CL or CTR(s)	CENTER(S)	REINF	REINFORCEMENT
		RH	RIGHT HAND
DGAC	DENSE GRADE ASPHALT CONCRETE	RT	RIGHT
DESC	DESCRIPTION	R/W	RIGHT-OF-WAY
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DOT	DEPARTMENT OF TRANSPORTATION	RR	RAILROAD
DWG	DRAWING		
		S	SOUTH or SOUTHERLY
E	EAST or EASTERLY or EASTING	SCRRRA	SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
EC	END CURVE	SD	STORM DRAIN
EL or ELEV	ELEVATION	SDMH	STORM DRAIN MANHOLE
EP	EDGE OF PAVEMENT	SO	SQUARE
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMERS	SO	SOUTHERN
EQ	EQUAL	SSMH	SANITARY SEWER MANHOLE
EVC	END VERTICAL CURVE	ST	STREET
EX or EXIST	EXISTING	STA	STATION
		STD	STANDARD
FF	FAR FACE	SWK	SIDEWALK
FL	FLOWLINE	SYMM	SYMMETRICAL
FOB	FREIGHT ON BOARD		
FT	FOOT or FEET	TANSAT	TOW-AWAY NO STOPPING ANY TIME
FTG	FOOTING	TC	TRACK CENTER(S) or TOP OF CURB
		TF	TRACK FEET or TRACK FOOT
G	GRADE	T/R	TOP OF RAIL
GB	GRADE BREAK	TRK	TRACK
GAGE	GAGE	TW	TOP OF WALL
GALV	GALVANIZED	TYP	TYPICAL
GV	GAS VALVE		
		UD	UNDERDRAIN
H	HEIGHT	UP	UNDERPASS
HORIZ	HORIZONTAL	UPRR	UNION PACIFIC RAILROAD
		VAR	VARIES or VARIABLE
ID	INSIDE DIAMETER	VC	VERTICAL CURVE
IN	INCH or INCHES	VCP	VITRIFIED CLAY PIPE
INV	INVERT	VERT	VERTICAL
		W	WEST or WESTERLY
L	LENGTH	W/	WITH
LB	POUND	WV	WATER VALVE
LH	LEFT HAND		
LOL	LAYOUT LINE	x	BY
LT	LEFT	XING	CROSSING

AS BUILT 1-20-10

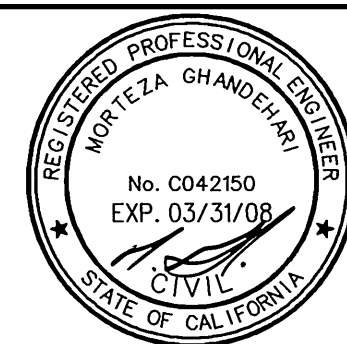
 725 10th & Country Road Suite 300 Orange, CA 92668	 No. C042150 EXP. 03/31/08 CIVIL STATE OF CALIFORNIA	<table><tr><td>DESIGNED BY</td><td>PM</td><td>DRAWN BY</td><td>SR</td><td>CHECKED BY</td><td>JLP</td></tr></table>	DESIGNED BY	PM	DRAWN BY	SR	CHECKED BY	JLP	<table><tr><td colspan="4">CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</td></tr><tr><td>APPROVED BY</td><td>BY</td><td>DATE</td><td>APPROVED BY</td></tr><tr><td>PRINCIPAL ENGINEER</td><td>PM</td><td>12/16/06</td><td>CITY ENGINEER</td></tr><tr><td>CONST. CONTRACT ADMIN</td><td>SP</td><td>12/17/06</td><td></td></tr><tr><td>STREET SERVICES</td><td>SP</td><td>12/16/06</td><td></td></tr><tr><td>SURVEYOR</td><td>SP</td><td>12/16/06</td><td></td></tr><tr><td>TRAFFIC DIVISION</td><td>CH</td><td>12/16/06</td><td></td></tr><tr><td>PARKS DEPARTMENT</td><td></td><td></td><td></td></tr></table>	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT				APPROVED BY	BY	DATE	APPROVED BY	PRINCIPAL ENGINEER	PM	12/16/06	CITY ENGINEER	CONST. CONTRACT ADMIN	SP	12/17/06		STREET SERVICES	SP	12/16/06		SURVEYOR	SP	12/16/06		TRAFFIC DIVISION	CH	12/16/06		PARKS DEPARTMENT				<table><tr><td colspan="2">JURUPA AVENUE UNDERPASS PHASE II CONSTRUCTION</td></tr><tr><td colspan="2">RAILROAD GRADING NOTES / ABBREVIATIONS</td></tr><tr><td colspan="2">SCALE: NONE</td></tr></table>	JURUPA AVENUE UNDERPASS PHASE II CONSTRUCTION		RAILROAD GRADING NOTES / ABBREVIATIONS		SCALE: NONE		<table><tr><td>R-3634 K-02</td></tr><tr><td>OCTOBER 9, 2006</td></tr></table>	R-3634 K-02	OCTOBER 9, 2006
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R-3634 K-02																																																			
OCTOBER 9, 2006																																																			

The key plan shows the project area with various construction areas labeled C-02 through C-20. The plan includes a north arrow and a scale bar. The areas are defined by black outlines and labels:


- C-02: A large rectangular area on the left side of the plan.
- C-03: A rectangular area adjacent to C-02.
- C-04: A rectangular area in the center of the plan.
- C-05: A rectangular area on the right side of the plan.
- C-06: A rectangular area below C-02 and C-03.
- C-07: A rectangular area below C-04.
- C-08: A rectangular area below C-06 and C-07.
- C-09: A rectangular area below C-08.
- C-10: A rectangular area below C-09.
- C-11: A rectangular area below C-10.
- C-12: A rectangular area below C-11.
- C-13: A rectangular area below C-12.
- C-14: A rectangular area below C-13.
- C-15: A rectangular area below C-14.
- C-16: A rectangular area below C-15.
- C-17: A rectangular area below C-16.
- C-18: A rectangular area below C-17.
- C-19: A rectangular area below C-18.
- C-20: A rectangular area below C-19.

The plan also shows a north arrow pointing towards the top right and a scale bar indicating distances in feet (0, 100, 200).

KEY PLAN - CIVIL



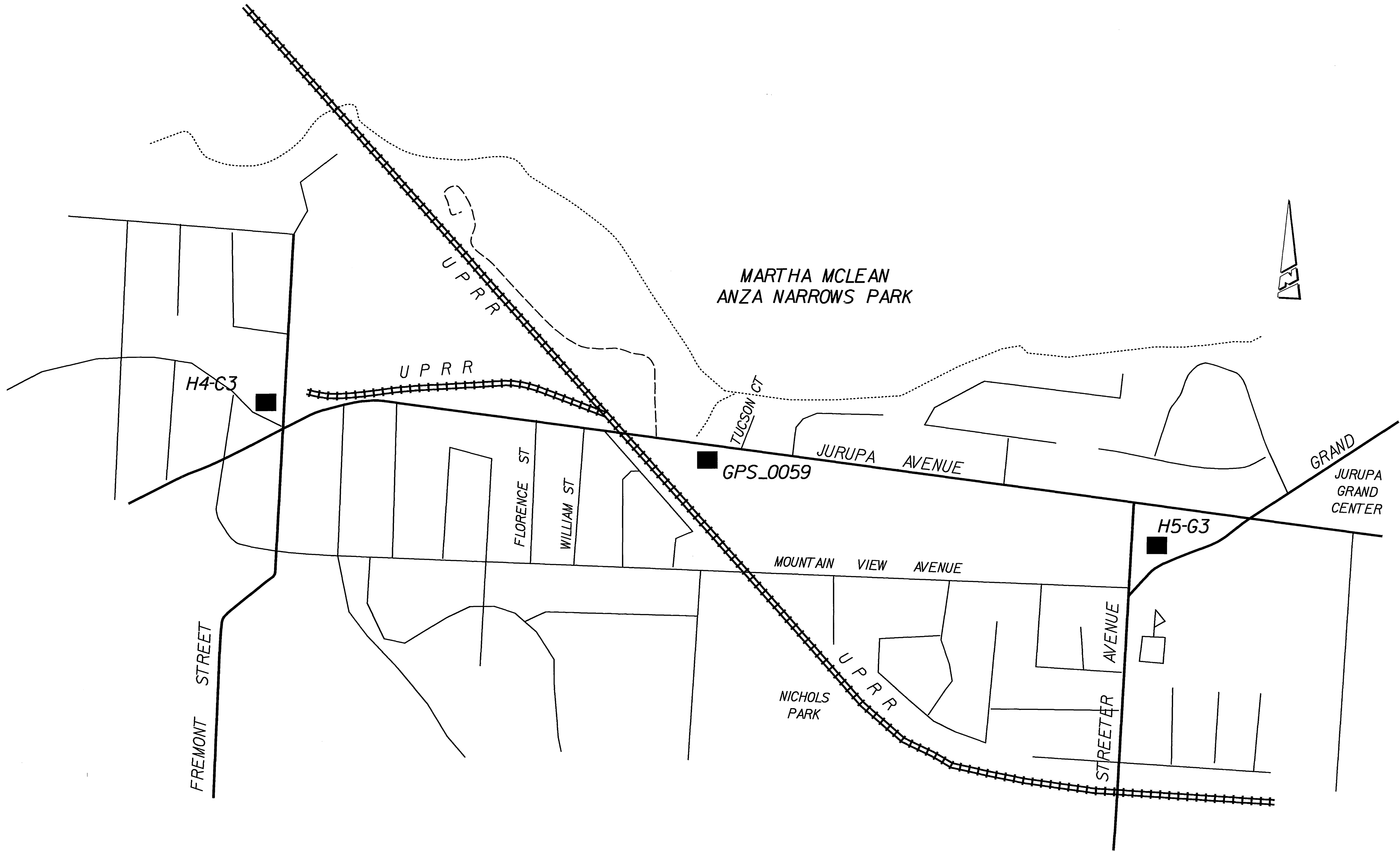
MARK	REVISIONS	APPR.	DATE
DESIGNED BY <u>PM</u>	DRAWN BY <u>SR</u>	CHECKED BY	<u>JLP</u>

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	RM	12/1/86	 CITY ENGINEER
CONST. CONTRACT ADMIN	DA	(10/17/86)	
STREET SERVICES	DA	10/16/86	
SURVEYOR			
TRAFFIC DIVISION	RM	12/3/86	DATE 12/3/86
TRAFFIC DEPARTMENT			


<p>JURUPA AVENUE UNDERPASS PHASE II CONSTRUCTION</p> <p>KEY MAP</p>	<p>R-3634 K-03</p>
	<p><i>SCALE: NOT TO SCALE</i></p>
<p>OCTOBER 9, 2006</p>	

BENCH MARKS:

POINT	ELEVATION	DESCRIPTION
H4-C3	790.277	P.K.NAIL AND CITY ENGINEER TAG IN THE BASE OF A TRAFFIC SIGNAL AT THE NORTHWEST CURB RETURN OF JURUPA AVENUE AND FREMONT STREET (THE RETURN BETWEEN FREMONT STREET AND COLUMBUS STREET).
H5-G3	787.253	P.K.NAIL AND CITY ENGINEER TAG IN THE SOUTHERLY CORNER OF A CATCH BASIN ALONG THE NORTHERLY CURB OF GRAND AVENUE,90 FEET NORTHEASTERLY OF THE INTERSECTION OF GRAND AVENUE AND STREETER AVENUE.
GPS-0059	769.94	IN THE SOUTH SIDE OF JURUPA AVE OPPOSITE ANZA PARK AND 5 MILES EAST OF VAN BUREN



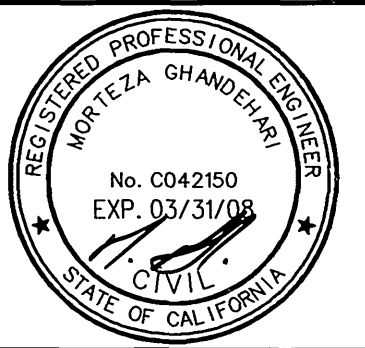
10/7/06 1:23:42 PM J:\PROJECTS\Jurupa\Drawings\K-04.sht



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DMJM HARRIS

AECOM



DESIGNED BY **PM** DRAWN BY **SR** CHECKED BY **JLP**

REVISIONS

APPR. DATE

AS BUILT 1-20-10

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>PM</i>	<i>12/10/06</i>	<i>Alan B. B...</i>
CONST. CONTRACT ADMIN.	<i>CC</i>	<i>12/10/06</i>	CITY ENGINEER
STREET SERVICES	<i>SS</i>	<i>12/10/06</i>	
SURVEYOR	<i>SA</i>	<i>12-10-06</i>	DATE <i>12/9/06</i>
TRAFFIC DIVISION			
PARKS DEPARTMENT			

**JURUPA AVENUE UNDERPASS
PHASE II CONSTRUCTION**

SURVEY CONTROL

SCALE: NOT TO SCALE

**R-3634
K-04**

OCTOBER 9, 2006