

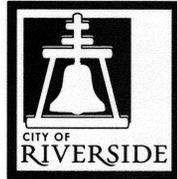
GENERAL CONSTRUCTION NOTES

- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO TWELVE-FOOT-WIDE LANES FOR TWO-WAY TRAFFIC AT ALL TIMES. NO REDUCTION OF THE TRAVELED WAY WIDTH SHALL BE PERMITTED AS INDICATED IN THE SPECIAL PROVISIONS UNLESS PRIOR APPROVAL IN WRITING IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION, OR AS INDICATED IN THE PROJECT SPECIAL PROVISIONS.
- EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
- ALL STREET PULL BOXES, MANHOLES, ETC., AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- PRIME CONTRACTOR BIDDING THIS WORK SHALL SATISFY THE LICENSE REQUIREMENTS INDICATED IN THE SPECIAL PROVISIONS.
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- COLD MILLING SHALL BE COMPLETED AS INDICATED ON PLANS, SPECIAL PROVISIONS, OR AS DIRECTED BY THE ENGINEER.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR AFTER COLD-MILLING AND PRIOR TO AC OVERLAYING.

SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJUST EXISTING FACILITY TO GRADE (XX=EXISTING FACILITY PER PLAN). THE FOLLOWING IS THE LEGEND FOR "XX":
GV=GATE VALVE; MH=MANHOLE COVER
- PROTECT IN PLACE (XX=EXISTING FACILITY PER PLAN). THE FOLLOWING IS THE LEGEND FOR "XX":
TR=TREE; FNC=FENCE; SGN=SIGN; PP=POWER POLE; OUT=CURB OUTLET
WLL=MASONRY WALL; C&G=CURB AND GUTTER; DWY=DRIVEWAY
- MODIFY EXISTING RAMP AS NECESSARY INCLUDING GRINDING, OVERLAY, OR COMPLETE REMOVAL AND REPLACEMENT TO PROVIDE 3.5" THICK ASPHALT OVER 90% COMPACTED NATIVE TO JOIN EXISTING ASPHALT WALK AND PROPOSED EDGE OF ROADWAY PAVEMENT.
- REMOVE ALL EXISTING STORM DRAIN PIPE ON THE DOWNSTREAM END OF THE JOIN. CONTRACTOR SHALL REPAIR EXISTING TRENCH PER CITY STD 453 AND REPLACE PAVEMENT SECTION PER CONSTRUCTION NOTE "S1" INDICATED HEREON.
- CONSTRUCT 18" HIGH DENSITY POLYETHYLENE PIPE PER CITY STD 452 AND 453 AND REPLACE PAVEMENT SECTION PER CONSTRUCTION NOTE "S1" INDICATED HEREON.
- COLD MILL (0.1' DEPTH MIN) EXISTING PAVEMENT AND VARIABLE DEPTH OVERLAY (0.1' MIN). CONTRACTOR SHALL OVERLAY AS NECESSARY SO THAT THE ROADWAY CROSS-SECTIONAL SLOPE DOES NOT DECREASE AT ANY POINT FROM CENTERLINE TO PROPOSED EDGE OF PAVEMENT.
- CONSTRUCT 4" ASPHALT OVER 8" CRUSHED AGGREGATE BASE OVER 90% COMPACTED SUB-GRADE. CONTRACTOR SHALL CONSTRUCT UPPER 0.1' OF ASPHALT IN CONJUNCTION WITH OVERLAY OF ENTIRE STREET.
- CONSTRUCT SWALE (XX=MATERIAL TYPE PER PLAN) PER ELEVATIONS INDICATED AND PER DETAILS SHOWN HEREON. THE FOLLOWING IS THE LEGEND FOR "XX":
CON=CONCRETE SWALE PER DETAIL 'A'; GRD=GRADED SWALE PER DETAIL 'B'.
- CONSTRUCT ASPHALT BERM PER CITY STD 250, TYPE 1
- CONSTRUCT DRIVEWAY PER CITY STD 302 WITH MODIFICATIONS (XX=MODIFICATIONS). THE FOLLOWING IS THE LEGEND FOR "XX":
M1= CONSTRUCT DRIVEWAY WITH 6" AC OVER 90% COMPACTED NATIVE. DO NOT CONSTRUCT S'LY WING. CONSTRUCT N'LY WING WITHOUT 6" CURB TRANSITION. TERMINATE BACK OF DRIVEWAY/WING AT EXISTING GATE OPENING. STRAIGHT GRADE DRIVEWAY FROM SWALE FLOWLINE TO BACK OF DRIVEWAY.
M2= CONSTRUCT DRIVEWAY WITH 6" AC OVER 90% COMPACTED NATIVE. CONSTRUCT BOTH WINGS WITHOUT 6" CURB TRANSITIONS. TERMINATE WINGS AT 25' RIGHT OF CENTERLINE. ELEVATION OF DRIVEWAY AT 25' RIGHT SHALL BE AT 3% ABOVE SWALE FLOWLINE. STRAIGHT GRADE DRIVEWAY FROM 25' RIGHT TO EXISTING GATE OPENING.

RIVERSIDE CALIFORNIA



PUBLIC WORKS DEPARTMENT JEFFERSON STREET WIDENING IMPROVEMENTS (FROM VICTORIA AVE TO 600' SE'ly OF LINCOLN AVE)

LEGEND:

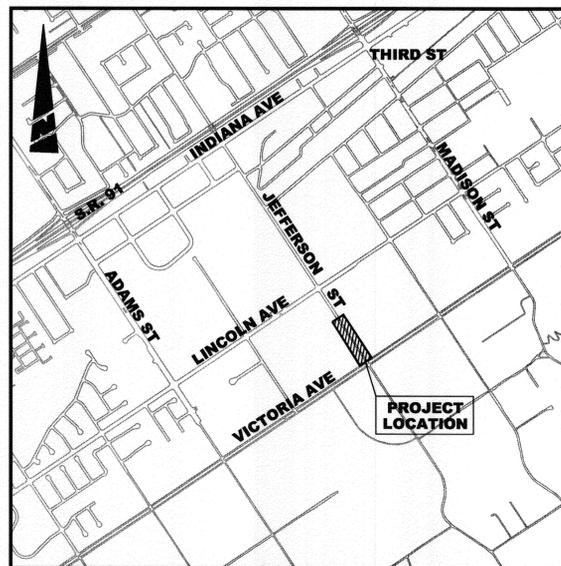
- CENTER LINE: ---|---
- RIGHT-OF-WAY: ---|---|---
- PROPERTY LINE: ---|---
- TOP OF SLOPE: ---|---
- TOE OF SLOPE: ---|---
- DIRECTION OF FLOW: ---|---
- COLD MILL AND OVERLAY EXISTING PAVEMENT: [Hatched pattern]
- NEW CONCRETE SURFACE (TYPE PER PLAN): [Stippled pattern]
- NEW ASPHALT SURFACE (TYPE PER PLAN): [Solid grey pattern]

EXISTING UNDERGROUND UTILITIES:

- SANITARY SEWER: ---(S)---
- WATER LINE: ---(W)---
- STORM DRAIN: ---(SD)---
- GAS LINE: ---(G)---
- TELEPHONE CONDUIT: ---(T)---
- ELECTRIC OVERHEAD: ---(OHE)---
- ELECTRIC UNDERGROUND: ---(UGE)---

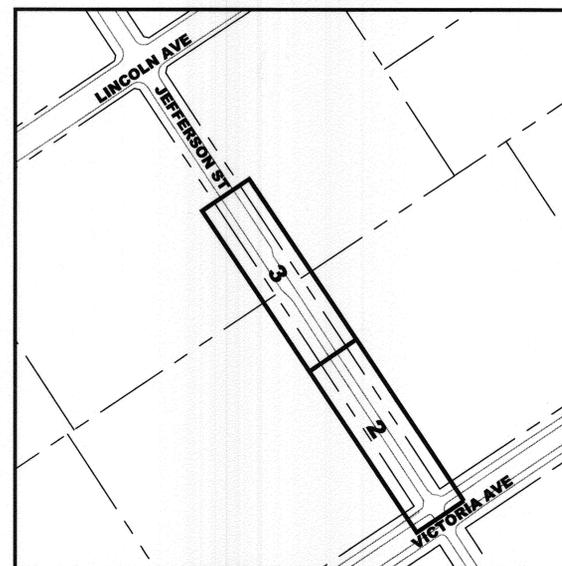
EXISTING TOPOGRAPHY:

- BLOCK WALL: [Symbol]
- BOARD FENCE: [Symbol]
- WIRE FENCE: [Symbol]
- CHAIN LINK FENCE: [Symbol]
- TOP OF SLOPE: [Symbol]
- TOE OF SLOPE: [Symbol]
- DIRECTION OF FLOW: [Symbol]
- SANITARY SEWER M.H.: [Symbol]
- SANITARY SEWER CLEANOUT: [Symbol]
- STORM DRAIN M.H.: [Symbol]
- IRRIGATION WEIR: [Symbol]
- WATER M.H.: [Symbol]
- GAS M.H.: [Symbol]
- ELECTRIC M.H.: [Symbol]
- TELEPHONE M.H.: [Symbol]
- WATER METER: [Symbol]
- FIRE HYDRANT: [Symbol]
- SPRINKLER HEAD: [Symbol]
- VALVE: [Symbol]
- AIR VALVE: [Symbol]
- AIR VENT: [Symbol]
- BUS STOP SIGN: [Symbol]
- BLOW-OFF VALVE: [Symbol]
- IRRIGATION STAND PIPE: [Symbol]
- POLE & GUY ANCHOR: [Symbol]
- POWER POLE: [Symbol]
- TELEPHONE POLE: [Symbol]
- TELEPHONE RISER: [Symbol]
- JOINT USE POLE: [Symbol]
- PULL BOX: [Symbol]
- ELECTRIC SIGN: [Symbol]
- PARKING METER: [Symbol]
- FIRE ALARM BOX: [Symbol]
- STREET NAME SIGN: [Symbol]
- GAS METER: [Symbol]
- FAUCET: [Symbol]
- MAIL BOX: [Symbol]
- WALK-DON'T WALK: [Symbol]
- PEDESTRIAN SIGNAL: [Symbol]
- ELECTROLYSIS TEST STATION: [Symbol]
- PEDESTRIAN PUSH BUTTON: [Symbol]
- TRAFFIC SIGNAL: [Symbol]
- TRAFFIC SIGNAL ON MAST ARM: [Symbol]
- TRAFFIC SIGNAL CONTROLLER: [Symbol]
- TRAFFIC SIGNAL PRESSURE DETECTOR: [Symbol]
- TRAFFIC SIGNAL LOOP DETECTOR: [Symbol]
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM: [Symbol]
- STREET LIGHT (UPRIGHT): [Symbol]
- STREET LIGHT ON MAST ARM: [Symbol]
- STEEL POST: [Symbol]
- WOOD POST: [Symbol]



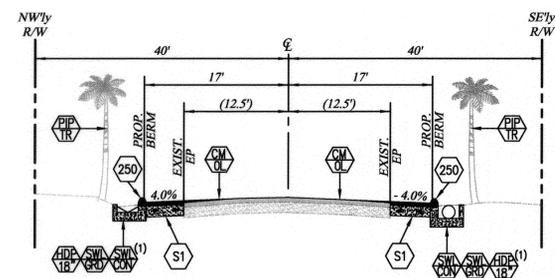
LOCATION MAP

NTS



INDEX MAP

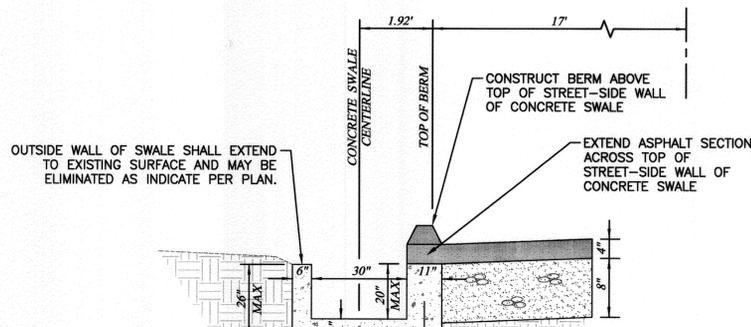
NTS



TYPICAL SECTION

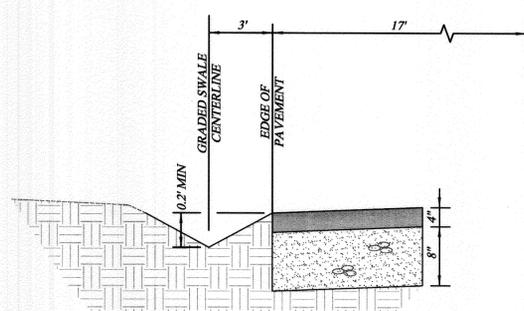
NTS

(1) SEE PLANS FOR PRECISE LOCATIONS OF TRANSITIONS FOR CONSTRUCTION OF HDPE PIPE, CONCRETE SWALES, AND GRADED SWALES.



DETAIL 'A'

NTS



DETAIL 'B'

NTS

NOTES

- DETAIL SHALL APPLY TO BOTH SIDES OF ROADWAY AND DETAIL SHALL BE MIRRORED AS NECESSARY.
- 6" THICK FACE SHALL BE CONSTRUCTED AT SWALE JOINING HDPE PIPE.
- PROVIDE 90% COMPACTED FILL AS NECESSARY TO OBTAIN FLOWLINE ELEVATIONS INDICATED ON PLAN.

NOTES

- DETAIL SHALL APPLY TO BOTH SIDES OF ROADWAY AND DETAIL SHALL BE MIRRORED AS NECESSARY.
- TRANSITION GRADED SWALE CENTERLINE FROM CONCRETE SWALE AS INDICATED PER PLAN.
- PROVIDE 90% COMPACTED FILL AS NECESSARY TO OBTAIN FLOWLINE ELEVATIONS INDICATED ON PLAN.

SHEET INDEX: STREET IMPROVEMENT (R-4193)

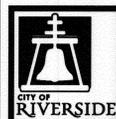
SHEET NO.	DESCRIPTION
1	TITLE SHEET, INDEX, AND GENERAL NOTES
2	VICTORIA AVE TO STA 15+50
3	STA 15+50 TO 600' SE'ly OF LINCOLN AVE

SHEET INDEX: TRAFFIC IMPROVEMENTS (XL-657)

SHEET NO.	DESCRIPTION
1-4	SIGNING AND STRIPING PLANS



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



ENGINEER IN RESPONSIBLE CHARGE
Edward Luna
Name: Edward Luna
R.C.E. No. 63753 EXPIRES: 9-30-12
DATE: November 17, 2011



MARK	REVISIONS	APPR.	DATE

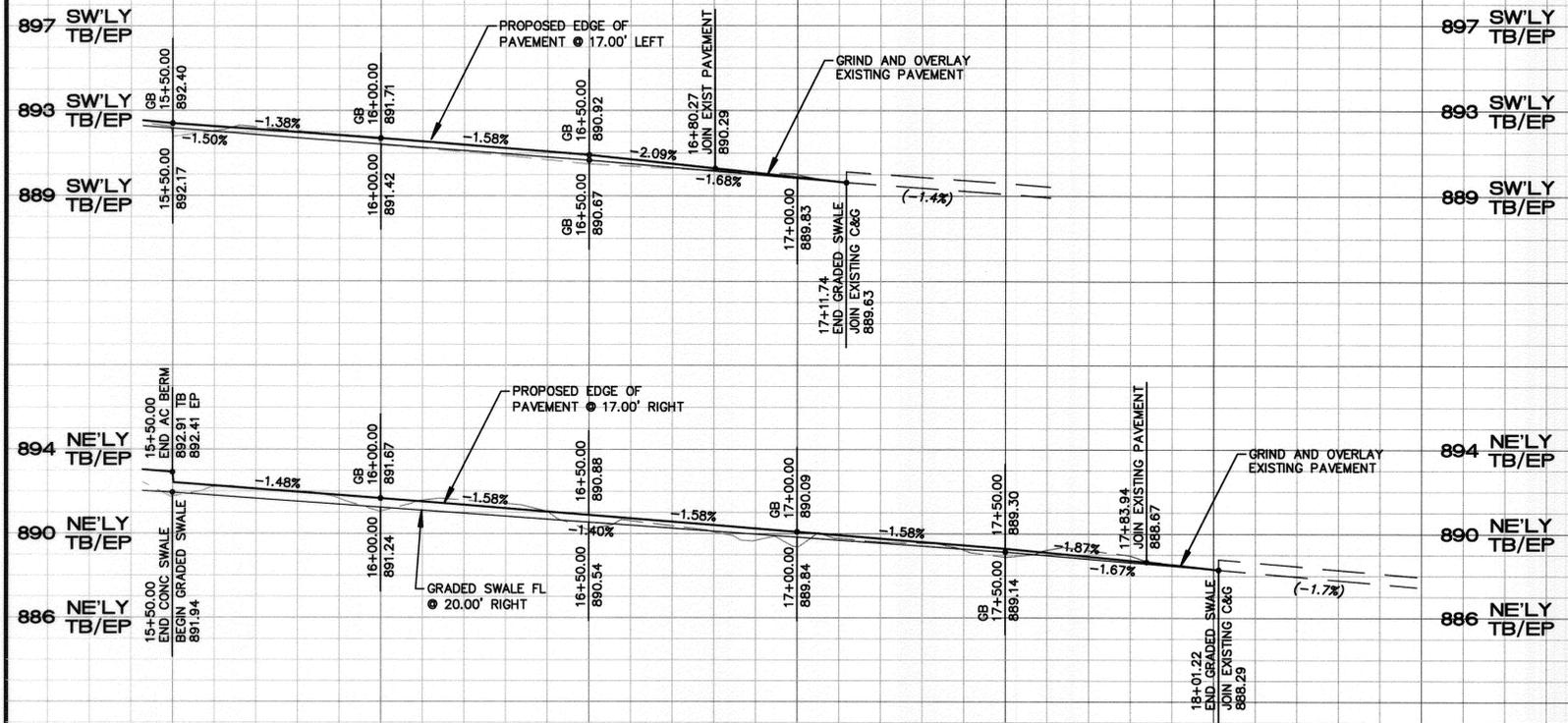
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	EM	11/17/11	[Signature]
CONSTRUCTION ADMIN.	CA	11/18/11	CITY ENGINEER
TRAFFIC DIVISION			
STREETS SERVICES			
SURVEY			
DESIGNED BY	EL	DRAWN BY	EL
CHECKED BY	EL		

STREET IMPROVEMENTS	
JEFFERSON STREET FROM VICTORIA AVENUE TO 600' SE'LY OF LINCOLN AVE	
TITLE SHEET, INDEX, AND GENERAL NOTES	
HORIZ. SCALE: 1"=20'	VERT. SCALE: 1"=4'

R-4193	
DESIGN WORK ORDER NO.: 1206902	CONSTR. WORK ORDER NO.: 1206919
SHEET 1 OF 3	
FILE NAME: R4193-01.DWG	

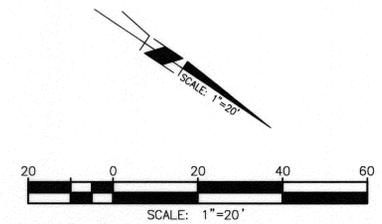
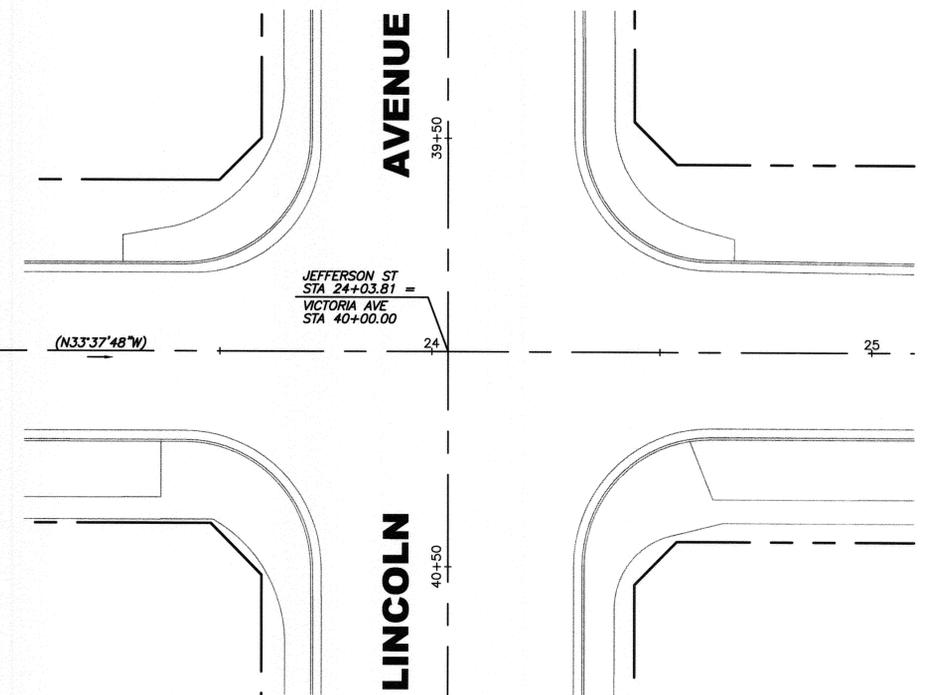
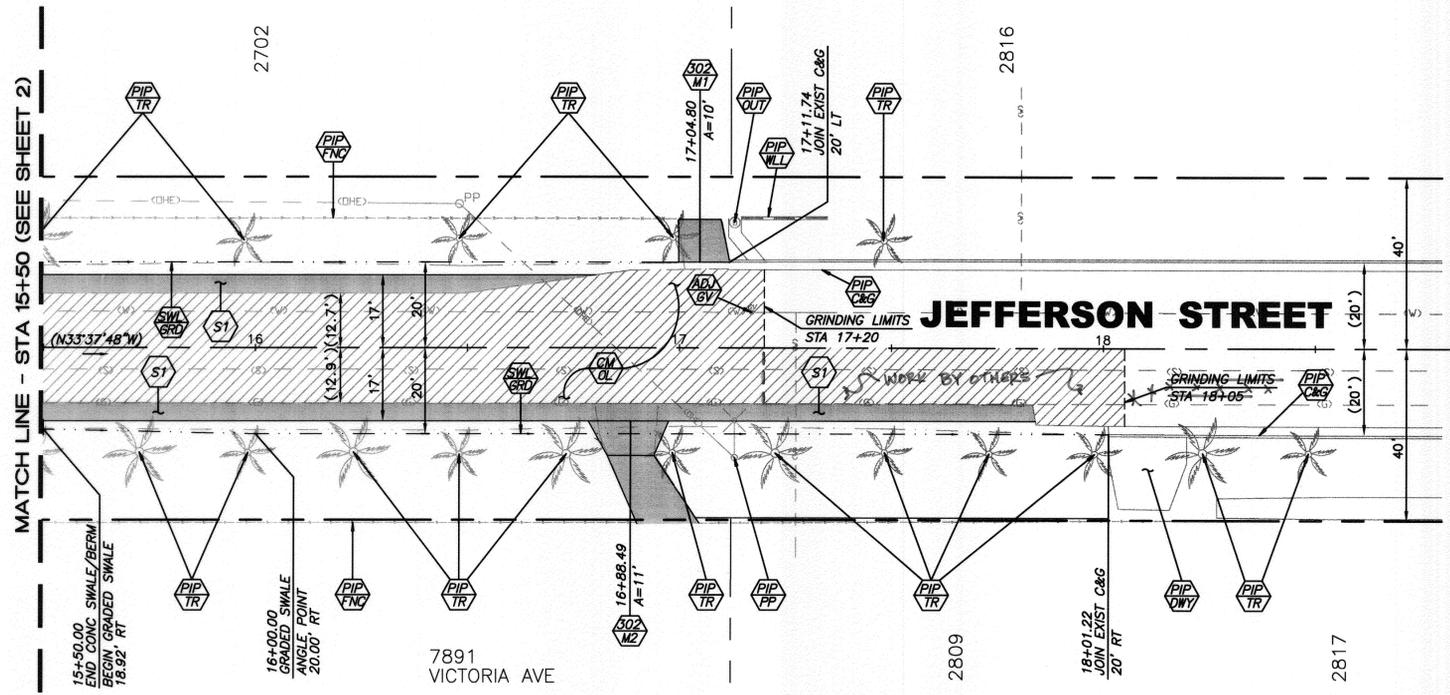
AS-BUILT 6-16-14 DC

INDEXED 6-16-14 DC



HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

16+00 17+00 18+00 19+00



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

ENGINEER IN RESPONSIBLE CHARGE
Edward Lane
Name
R.C.E. No. 63753 EXPIRES: 9-30-12
DATE November 17, 2011

MARK	REVISIONS	APPL. DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY	DATE
ENGINEERING MANAGER	EM	11/17/11	City Engineer	11/17/11
CONSTRUCTION ADMIN.	CA	11/17/11		
TRAFFIC DIVISION				
STREETS SERVICES				
SURVEY				

DESIGNED BY EL DRAWN BY EL CHECKED BY EL

STREET IMPROVEMENTS
JEFFERSON STREET
FROM VICTORIA AVENUE TO 600' SE'LY OF LINCOLN AVE
STA 15+50 TO 600' SE'LY OF LINCOLN AVE
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

DESIGN WORK ORDER NO.: 1206902
CONSTR. WORK ORDER NO.: 1206919

R-4193
SHEET 3 OF 3
FILE NAME: R4193-03.DWG