RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

INDIANA AVENUE & MADISON STREET WIDENING (N.E. CORNER)

CONSTRUCTION LEGEND

CENTER LINE ——℄——
RIGHT-OF-WAY LINE ——R/W——
SUBDIVISION LOT LINE ——R——

TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

C 5I — CONSTRUCT STRUCTURAL SECTION OF: 0.50' DGAC OVER 0.54' CRUSHED AGGREGATE BASE

C 5Z — CONSTRUCT STRUCTURAL SECTION OF: FULL DEPTH DGAC OVER REINFORCED CONCRETE BOX.

OL VAR — OVERLAY EXISTING STREET SURFACE WITH A VARIABLE THICKNESS OF DGAC

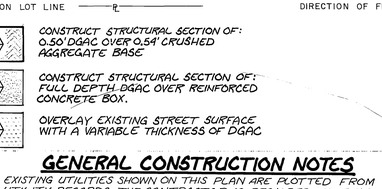
GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE & PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS —U— INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD.
3. RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT OF WAY.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR LICENSE.

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 BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

ALT. II
SECT. B_2-B_2
SCALE: 1"=4'



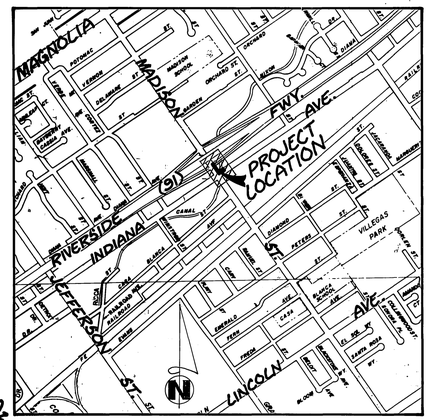
* THESE DIMENSIONS SHALL INCREASE PROPORTIONALLY AS STEEL REINFORCEMENT IS SKEWED

REBAR SCHEDULE

SCALE: 1"=4'

NOTES:
1. REBAR SHALL TERMINATE 2" FROM CONCRETE SURFACES AND EXPANSION JOINTS.
2. REBAR SHALL BE FURNISHED IN FULL LENGTHS SHOWN AS APPROVED BY THE ENGINEER.
3. USE 30 BAR DIAMETER LAPS WHEN SPLICING BARS AS NECESSARY.
   f_y = 40,000 P.S.I.
   f'_c = 3,250 P.S.I.

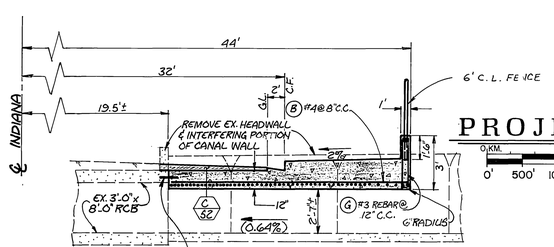
ALT. II
P.C.C. CANAL COVER
SCALE: 1"=8'



PROJECT LOCATION PLAN

0 KM. 0.5 KM. 1 KM. 1.5 KM.
0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1"= 1000'



ALT. II
SECT. A_2-A_2
SCALE: HORIZ. 1"=8'
VERT. 1"=4'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	——8"S——	TELEPHONE CONDUIT	——T——T——
WATER LINE	——6"W——	ELECTRICAL CONDUIT	——E——E——
STORM DRAIN	——24"S.D.——	ELECTROLIER LIGHTING CONDUIT	——ELC——
GAS LINE	——3"G——	TRAFFIC SIGNAL	——SIG——SIG——
IRRIGATION LINE	——20"IRR.——	FIRE ALARM	——F——F——
ABANDONED UTILITY	———6"G(ABAN'D.)———		

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE

TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

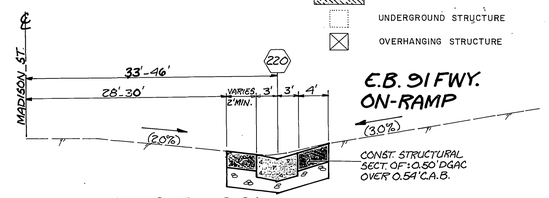
S SANITARY SEWER M.H.
SANITARY SEWER CLEANOUT
D STORM DRAIN M.H.
IRRIGATION WEIR
W WATER M.H.
G GAS M.H.
E ELECTRIC M.H.
T TELEPHONE M.H. OR VAULT
WATER METER
FIRE HYDRANT
SPRINKLER HEAD
VALVE
AIR VALVE
AIR VENT

POLE & GUY ANCHOR
ELECTRIC POLE
TELEPHONE POLE
JOINT USE POLE
PULL BOX
TRAFFIC SIGN
PARKING METER
FIRE ALARM BOX
STREET NAME SIGN
GAS METER
MAIL BOX
FAUCET
TELEPHONE RISER
WHEEL STOP
A.C. BERM
STEEL POST
WOOD POST

PEDESTRIAN PUSH BUTTON
RAILROAD TRACKS
RAILROAD SIGN
RAILROAD SIGNAL
STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
STREET LIGHT (UPRIGHT)
STREET LIGHT
TRAFFIC SIGNAL
TRAFFIC SIGNAL ON MAST ARM
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL PRESSURE DETECTOR
TRAFFIC SIGNAL LOOP DETECTOR

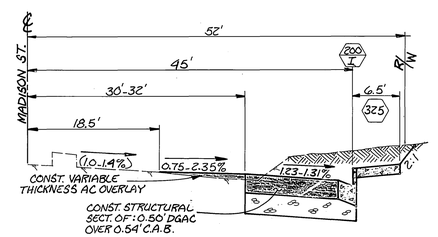
CONCRETE
ASPHALT (asphalt) (dirt) EP EDGE OF PAVEMENT
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE

CITRUS TREE
OR DECIDUOUS TREE
OR PALM TREE
OR SHRUBBERY
TREE STUMP
EVERGREEN TREE



E.B. 91 FWY. ON-RAMP

STA. 12+75 TO 13+34



STA. 12+25 TO 12+66

③ TYP. SECTIONS MADISON STREET
SCALE: HORIZ. 1"=10'
VERT. 1"=2'

Underground Service Alert
CALL BEFORE YOU DIG
Call: TOLL FREE
1-800 422-4133
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISON	APPR.	DATE
③	ADDED TYP. SECTIONS ON MADISON ST.	[illegible]	11-2-88

ENGINEER IN RESPONSIBLE CHARGE
Ronald C Mueller
RONALD C. MUELLER
R.C.E. 29510 expires 3-31-91
DATE 3-17-88

REGISTERED PROFESSIONAL ENGINEER — RONALD C. MUELLER — R.C.E. NO 29510 Expires 3/31/91 — CIVIL — STATE OF CALIFORNIA

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY	DATE
PRINCIPAL ENGINEER	[illegible]	4-15-88
WATER DEPARTMENT	[illegible]	3/9/88
TRAFFIC DIVISION	[illegible]	3/25/88
CHIEF P.W. ENGINEER	[illegible]	
SURVEYOR	APH	3/10/88
INSPECTION	[illegible]	3/17/88

APPROVED BY: William D. Gardner
PUBLIC WORKS DIRECTOR
DATE 4/21/88

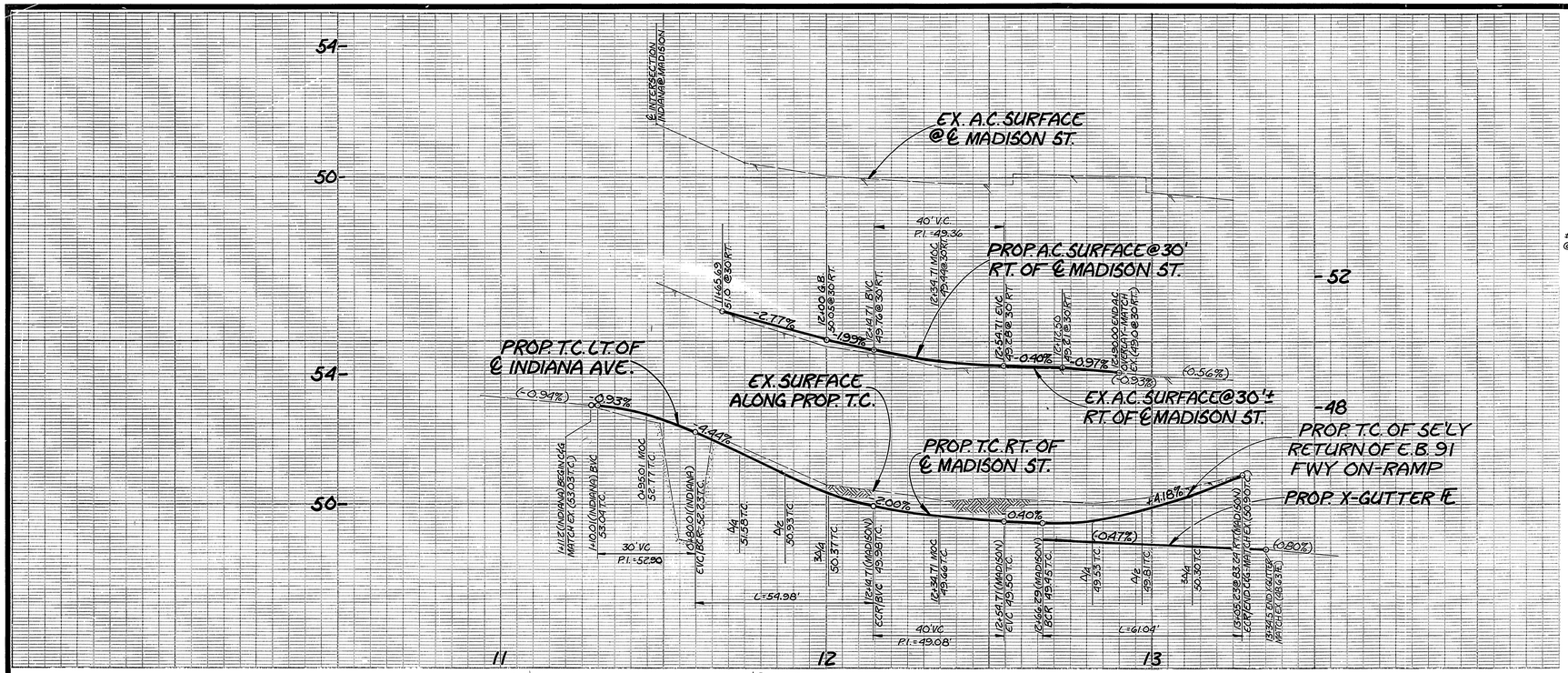
INDIANA AVENUE AND MADISON STREET WIDENING (N.E. CORNER)

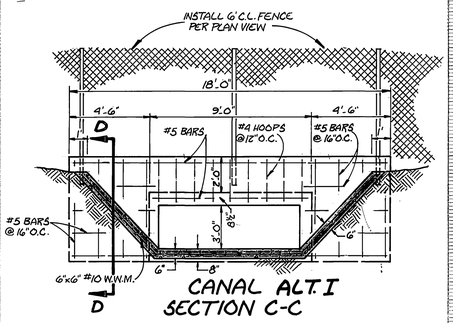
ACCOUNT No. 30-575-235-07
DRAWING NUMBER R-2901
SHEET 1 OF 2

DESIGNED BY J.H. DRAWN BY RVZ CHECKED BY RCM

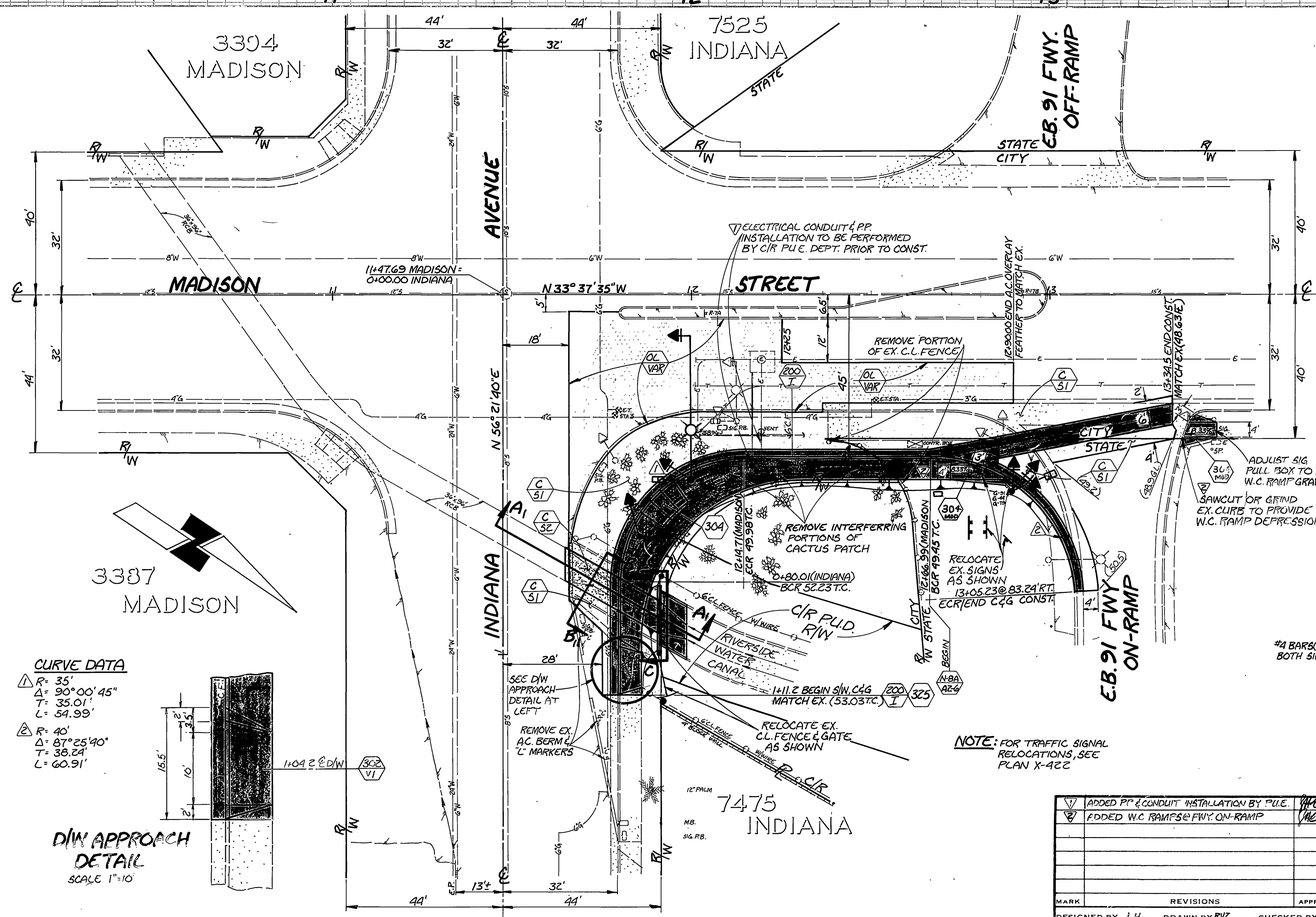
INDEXED 3-28-89 [illegible]

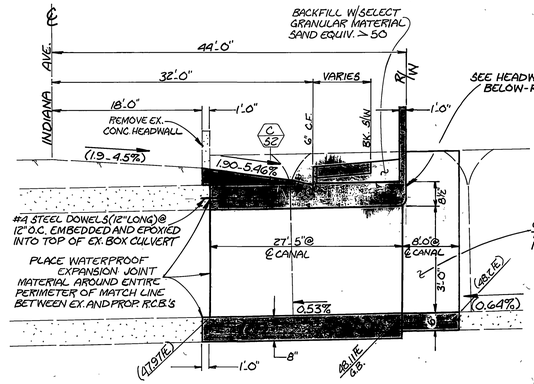
4-7 11-2





BENCHMARK 601-17-68
BRONZE DISK IN CONC. 9.5' SW'LY OF ℄ MADISON ST. 22' SE'LY OF THE S.E. RAIL OF THE MAINLINE AND 15' NW'LY OF THE N.W. RAIL OF THE SPUR LINE. PER THE PRECISE B.M. BOOK: EL 861.495





MARK	REVISIONS	APPR.	DATE
1	ADDED PP & CONDUIT INSTALLATION BY P.U.E.	MC	1-28-88
2	ADDED W.C. RAMPS @ FWY. ON-RAMP	MC	6/29/88

DESIGNED BY J.W. DRAWN BY RVZ CHECKED BY MC/M

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	4-15-88	
WATER DEPARTMENT	3/28/88	
TRAFFIC DIVISION	3/25/88	
CHIEF P. W. ENGINEER		
CITY ENGINEER	3/29/88	
	9/19/88	

APPROVED BY (1) Marion D. Lundeen PUBLIC WORKS DIRECTOR
DATE 4/21/88

INDIANA AVENUE AND MADISON STREET WIDENING (N.E. CORNER)

HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=2'

ACCOUNT NO 30-515-235-07

R-2901

SHEET 2 OF 2

81630

OZALID- NO.1

INDEXED 3-28-89 GH