RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

INDIANA AVENUE REALIGNMENT

FROM 900' E'LY OF LA SIERRA AVE.
TO VALLEJO AVE.

CONSTRUCTION LEGEND

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

TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

C S1 — 050'* — CONSTRUCT STRUCTURAL SECTION OF: 0.28' FULL DEPTH DGAC OVER NATIVE SOIL.

C S2 — CONSTRUCT STRUCTURAL SECTION OF: 0.21' DGAC OVER NATIVE SOIL.

OL VAR — OVERLAY EXISTING STREET SURFACE WITH A VARIABLE THICKNESS OF D.G.A.C.

R EX — REMOVE EXIST. STREET SECTION; FILL WITH SELECTED MATERIAL FROM PROP. ROADWAY EXCAVATION AND GRADE TO A LEVEL THAT IS COMPATIBLE WITH SURROUNDING TERRAIN.

R CONC — CRUSH EX. CONC. CHANNEL IN PLACE; FILL WITH SELECTED MATERIAL FROM ROADWAY EXCAVATION AND GRADE TO A LEVEL THAT IS COMPATIBLE WITH SURROUNDING TERRAIN.

SEE SH. 4 - REMOVAL PLAN

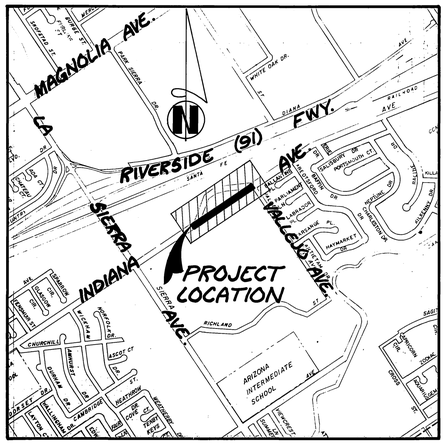
SPECIFIC CONSTRUCTION NOTES

⬢ 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.

⬡

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 —[ ]— 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. ~~CURB & GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 12.5' INTERVALS AND TWO ROWS OF #3 REBAR SHALL BE PLACED IN GUTTER WHERE GRADE IS LESS THAN 0.35%. PLACE ½" DOWEL PINS AT ALL EXPANSION JOINTS.~~
6. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS 'A' OR 'C-12' LICENSE.
7. THE CITY HAS DUG SEVERAL TEST TRENCHES TO ASCERTAIN SOIL CONDITIONS ON THE PROJECT SITE. TYPICALLY, DECOMPOSED GRANITE WAS FOUND TO EXIST IN ALL TRENCHES, BECOMING MORE PREVALENT AND MORE RESISTIVE WITH GREATER DEPTH. TRENCHES WERE DUG TO APPROXIMATELY 4 FEET IN DEPTH WITH STANDARD SIZE BACKHOE, WITHOUT ENCOUNTERING SOLID ROCK OR EQUIPMENT REFUSAL. HOWEVER, THE CITY DISCLAIMS ANY RESPONSIBILITY FOR CONDITIONS THAT MAY BE FOUND CONTRARY TO THAT OBSERVED FROM THE CITY'S LIMITED TESTING. IT IS THE BIDDER'S RESPONSIBILITY TO FURTHER TEST SITE SOIL CONDITIONS TO PROVIDE AN ACCURATE EARTHWORK BID. NO BID ADJUSTMENTS WILL BE MADE DUE TO ENCOUNTERING UNEXPECTED ADVERSE CONDITIONS DURING CONSTRUCTION WITHOUT THE CONTRACTOR PROVIDING ADEQUATE PRE-BID SOIL INVESTIGATION DATA.



PROJECT LOCATION PLAN

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

SCALE 1" = 1000'

* AS BUILT RVZ 9-27-88

INDEXED 11-16-87 GH

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

- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- 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
ep (asphalt) (dirt) ep EDGE OF PAVEMENT
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE

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

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

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
RCE 29510 expires 3/31/91
DATE 8-25-87

RONALD C. MUELLER — No. 29510 — Expires 3-31-91 — CIVIL — STATE OF CALIFORNIA

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	MK	8/21/87
CHIEF P.W. ENGINEER		8-31
TRAFFIC DIVISION		8/31/87
CHIEF P.W. INSPECTOR	REL	8/25/87
SURVEYOR	GH	8/25/87

APPROVED BY: Barry Beck
PUBLIC WORKS DIRECTOR
DATE 9/1/87

INDIANA AVENUE REALIGNMENT
FROM 900'E'LY OF LA SIERRA AVE.
TO VALLEJO AVE.

DESIGNED BY JH DRAWN BY RVZ CHECKED BY RCM

ACCOUNT NO. 30-575-398-07
DRAWING NUMBER R-2816
SHEET 1 OF 9

FUTURE T.C.@32'LT. OF ULTIMATE ℄(S.C.L.)

EXIST. SURFACE LT. OF SURVEY CONTROL LINE

PROP. E.P. LT. OF SURVEY CONTROL LINE

EXIST. SURFACE @ SURVEY CONTROL LINE

PROP. A.C. SURFACE @ SURVEY CONTROL LINE

EXIST. SURFACE RT. OF SURVEY CONTROL LINE

PROP. E.P. RT. OF SURVEY CONTROL LINE

FUTURE T.C. @ 32'RT. OF ULTIMATE ℄(S.C.L.)

BENCHMARK #2-D
PK NAIL IN CENTER OF S.E. CURB RETURN @ INDIANA AVE. & FAIRMORE ST. PER PRECISE BENCHMARK BOOK. ELEV. 738.968

A.C. OUTLET APRON DETAIL
SCALE: 1"=10'

CONST. 12" DEEP A.C. CUT-OFF DIKES

RIVERSIDE COMMUNITY COLLEGE

SEE A.C. OUTLET APRON DETAIL ABOVE LEFT

FILL & COMPACT UPSTREAM PORTION OF EX. DRAINAGE DITCH WITH EXCAVATED SITE MATERIAL

EX. INDIANA AVE. R/W TO BE VACATED

REMOVE & SALVAGE EX. W-6 & W-6

REMOVE EX. PVMT. (SEE SH.4 FOR REMOVAL LIMITS)

CRUSH EX. CONC. CHANNEL IN PLACE & FILL W/ 90% COMPACTED SITE MATERIAL AS SHOWN PER SH.4

RELOCATE EX. WIRE FENCE AS SHOWN ON SH.4

REMOVE EXIST. 24" C.S.P.'s

CONST. GRADED SHOULDER & SWALE (SEE TYP. SECTION ON SH.4)

4" DOUBLE YELLOW CENTERLINE

4" SOLID WHITE EDGELINE

INSTALL TWO-WAY RAISED PAVEMENT MARKERS @ 24' O.C. BEGIN @ 18+96 ±

CONST. 65 L.F. OF 30" RCP/D-1500 SEE PROFILE SH.4

PROTECT & JOIN EX. A.C. SWALES

R&R 1' MAX. EX. A.C. SWALE TO MATCH PROP. E.P. GRADE

20+22 ± @ A.C. SWALE 10'x35' ±

CONST. A.C. S/W & SWALE (SEE SH.4 FOR TYP. SECTIONS)

CONST. A.C. S/W

A.C. BERM DEPRESSED & SWALE CONST. TO DRAIN INTO DROP INLET

INSTALL STD. C.S.P. INLET W/ ALHAMBRA FOUNDRY CO. STEEL GRATE #A-1558 OR CITY APPROVED EQUIVALENT IN LIEU OF STD. CHECKERED PLATE

REMOVE & SALVAGE EX. W-3 & W-6

EX. STRIPING

CORING: 6" A.C./NATIVE

GRADE TO DRAIN (1% MIN.)

DEFL. ∠ = 2° 27' 21"

INDIANA AVENUE

SURVEY CONTROL LINE (S.C.L.)

CONST. 6" A.C./NATIVE

BEGIN CONST.

MATCH LINE SEE SH.3

STA. 24+50

AS BUILT RVZ 9-27-88

INDEXED 11-16-87 4H

MARK	REVISIONS	APPR.	DATE

DESIGNED BY CH DRAWN BY RVZ CHECKED BY RVZ

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	8/26/87	[illegible]
CHIEF PLN. ENGINEER	[illegible]	[illegible]
TRAFFIC DIVISION	6/2/87	[illegible]
CHIEF P. W. INSPECTOR	6/2/87	[illegible]
SURVEYOR	6/2/87	[illegible]

APPROVED BY Barry Beck
PUBLIC WORKS DIRECTOR
DATE 9/1/87

INDIANA AVENUE REALIGNMENT
FROM 900' E'LY OF LA SIERRA AVE. TO VALLEJO AVE.

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

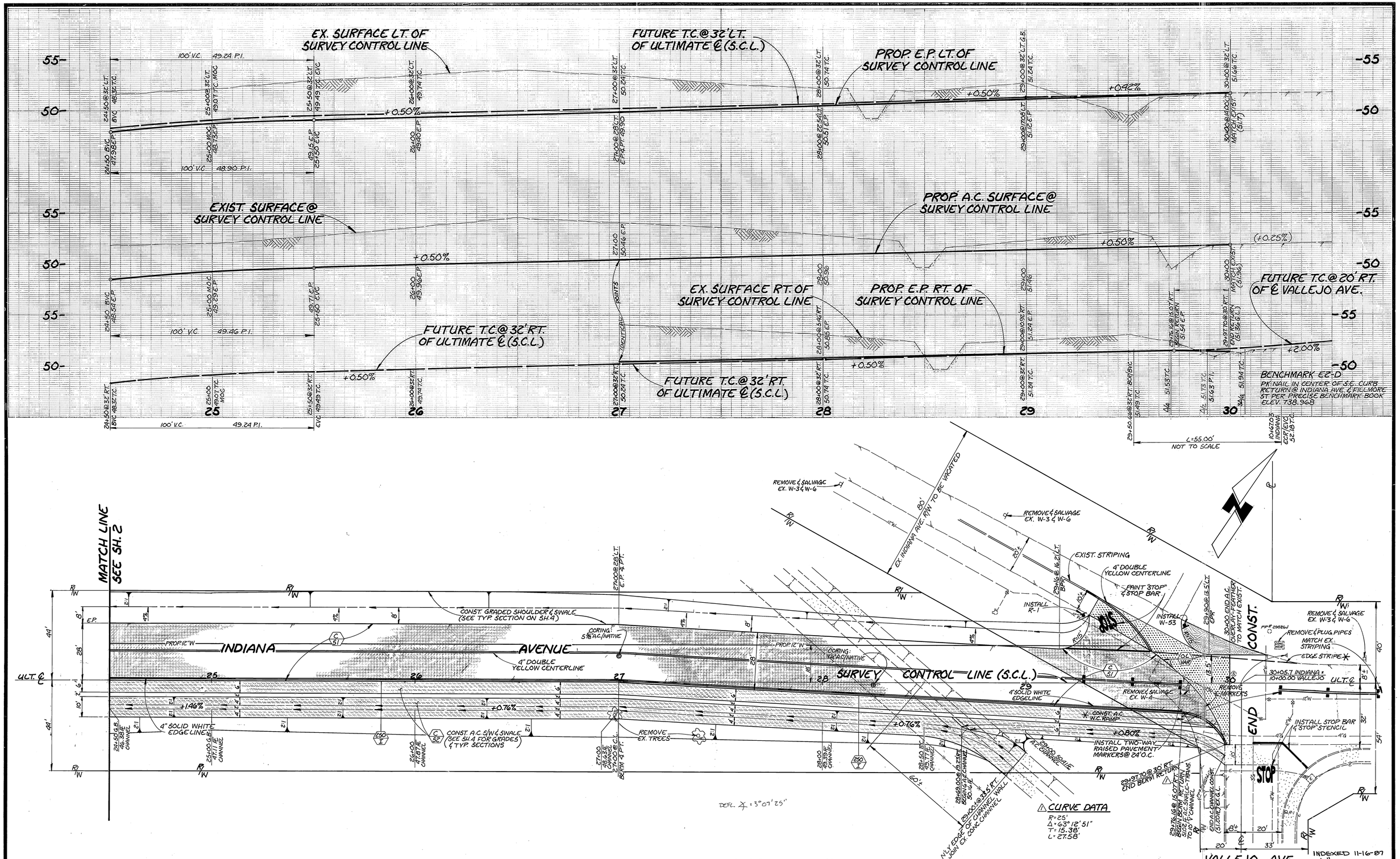
ACCOUNT NO. 30-575-398-07

R-2816

SHEET 2 OF 4

81830

OZALID- NO.1



MARK	REVISIONS	APPR.	DATE

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

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
CHIEF RW. ENGINEER		
TRAFFIC DIVISION		
CHIEF P. W. INSPECTOR		
SURVEYOR		

APPROVED BY Barry Beal
PUBLIC WORKS DIRECTOR
DATE 9/1/87

INDIANA AVENUE REALIGNMENT
FROM 900' E'LY OF LA SIERRA AVE. TO VALLEJO AVE.

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

ACCOUNT NO. 30-575-398-07

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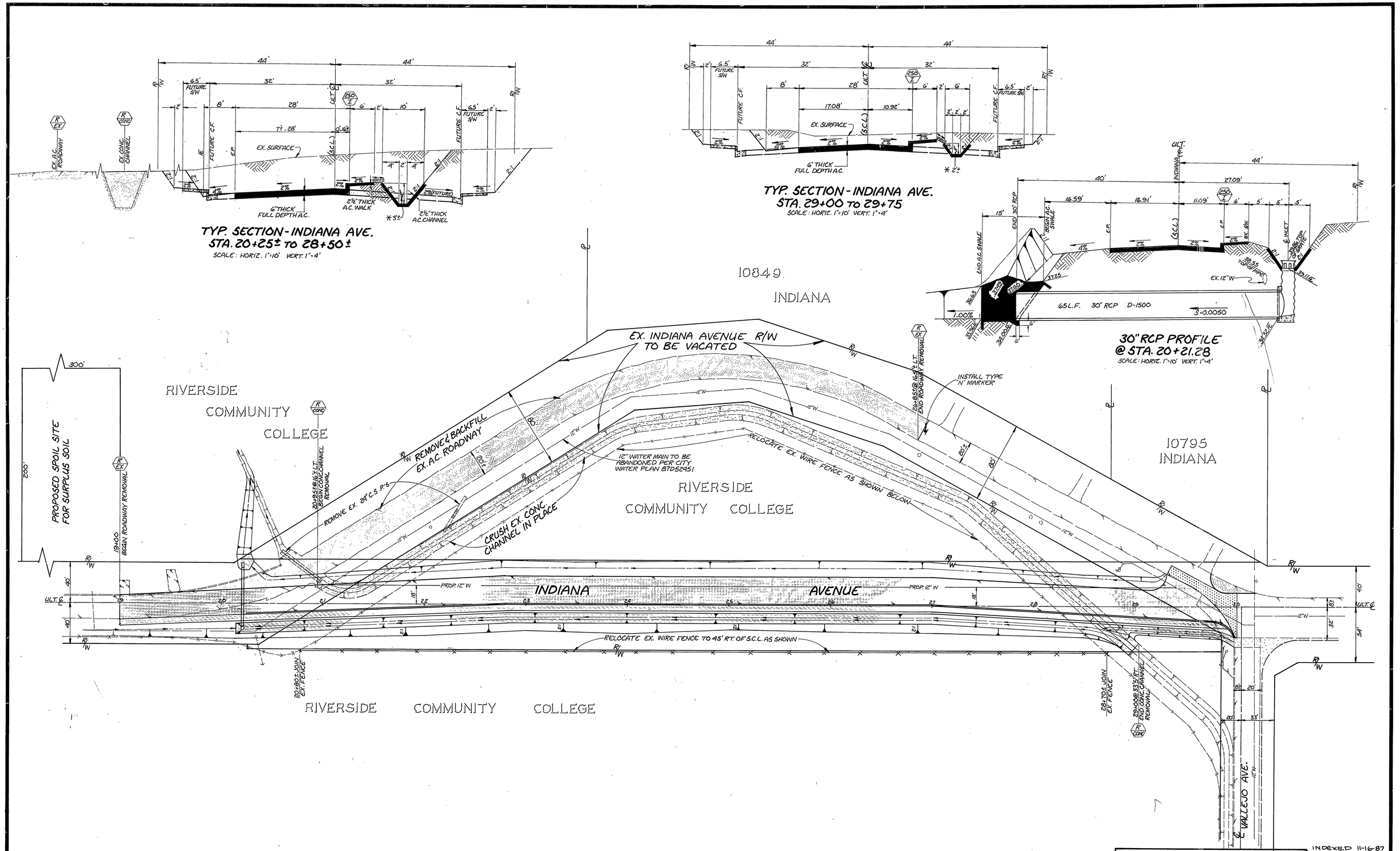
SHEET 3 OF 4

OZALID- NO.1



* AS BUILT RVZ 9-27-88

MARK	REVISIONS	APPR.	DATE

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

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	[illegible]	[illegible]
CHIEF P.W. ENGINEER	[illegible]	8-31
TRAFFIC DIVISION	6/3/87	[illegible]
CHIEF P. W. INSPECTOR	[illegible]	[illegible]
SURVEYOR	[illegible]	[illegible]

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 9/1/87

REMOVAL PLAN FOR:

INDIANA AVENUE
REALIGNMENT
FROM 900' E'LY OF LA SIERRA AVE.
TO VALLEJO AVE.

HORIZ. SCALE: 1"=40' ~~VERT. SCALE: 1"=~~

INDEXED 11-16-87
LH

ACCOUNT NO. 30-575-398-07

R-2816

SHEET 4 OF 4

88531

OZALID-NO.2