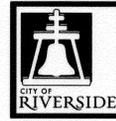


# RIVERSIDE CALIFORNIA



## PUBLIC WORKS DEPARTMENT SEDGWICK TEQUESQUITE ARROYO STORM DRAIN CULVERT

### GENERAL CONSTRUCTION NOTES:

- EXISTING UTILITIES SHOWN ON THE 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.
- PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" OR A "C-42" LICENSE.
- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- 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.
- CONTRACTOR SHALL POTHOLE AND VERIFY ALL LOCATIONS AND ELEVATIONS OF UTILITIES PRIOR TO START OF CONSTRUCTION TO ELIMINATE INTERFERENCE WITH THE REPAIR WORK.
- COLD MILLING SHALL BE AS DIRECTED BY THE ENGINEER AND AS DESCRIBED IN SPECIAL PROVISIONS.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PAVEMENT 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.
- COLD MILL EXISTING ASPHALT PAVEMENT (0.1" MIN BELOW PROPOSED SURFACE) AND VARIABLE AC OVERLAY (0.1" MIN.).
- REMOVE EXISTING FACILITY WHERE INDICATED ON THE PLANS. XX= EXISTING FACILITY AS FOLLOWS:  
CUL=EXISTING CULVERT; EHW= EXISTING HEADWALL; PA=PAVEMENT PAD=EXISTING CONCRETE PAD
- PROTECT IN PLACE EXISTING FEATURE. XX= EXISTING ITEM TO BE PROTECT AS FOLLOWS:  
RIP= RIPRAP; FNC=FENCE; TR=TREE;  
DIWY=DRIVEWAY; ST=STREET LIGHT; SD=STORM DRAIN; BU=BUSH; IRR=IRRIGATION PIPE AND FEATURES
- EXISTING STREET LIGHT UNDERGROUND CONDUIT - PROTECT IN PLACE OR REPLACE IN KIND.
- CONSTRUCT TYPE A WING WALL PER CALTRANS STANDARD PLAN D84.
- INSTALL TRIPLE BARREL - 5' W X 2' H TRAFFIC RATED PRECAST REINFORCED CONCRETE BOX CULVERT TO MEET REQUIREMENT OF CALTRANS STANDARD PLAN D81 AND D82 AND AS DIMENSIONS SHOWN PER CULVERT DETAIL HERE ON.
- REMOVE EXISTING FENCE AS NEEDED FOR CONSTRUCTION AND REPLACE IN KIND.
- REMOVE EXISTING RIPRAP WITHIN PROJECT LIMIT AS NEEDED FOR CONSTRUCTION AND REPLACE IN KIND.
- CONSTRUCT 7' W X 26' L X 8" D CONCRETE PAD WITH #4 REBAR @ 12" ON CENTER BOTH WAYS.
- CONSTRUCT H=4' CUTOFF WALL PER CALTRANS STANDARD PLAN D84.
- 4" SOLID DOUBLE YELLOW STRIPE (PAINT) DETAIL 22

### EXISTING UTILITIES:

SEWER \_\_\_\_\_  
UNDERGROUND ELEC. \_\_\_\_\_  
STORM DRAIN \_\_\_\_\_

### LEGEND:

FG FINISH GROUND  
FL FLOW LINE  
FS FINISH SURFACE  
TF TOP OF FOOTING  
TB TOP OF RCBOX  
TW TOP OF WALL

### EXISTING TOPOGRAPHY:

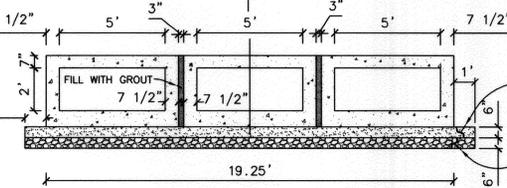
CHAIN LINK FENCE  
EDGE OF PAVEMENT  
SANITARY SEWER M.H.  
TOP OF SLOPE  
TOE OF SLOPE  
DIRECTION OF FLOW  
STREET LIGHT ON MAST ARM

### LINE & CURVE DATA

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
(A)	N 12°15'03"	500.00'	106.91'	53.66'
(B)	N 50°31'51" W	-	166.42'	-
(C)	N 79°19'56" E	-	48.00'	-

### WING WALL DATA (PER CALTRANS STD. D-84)

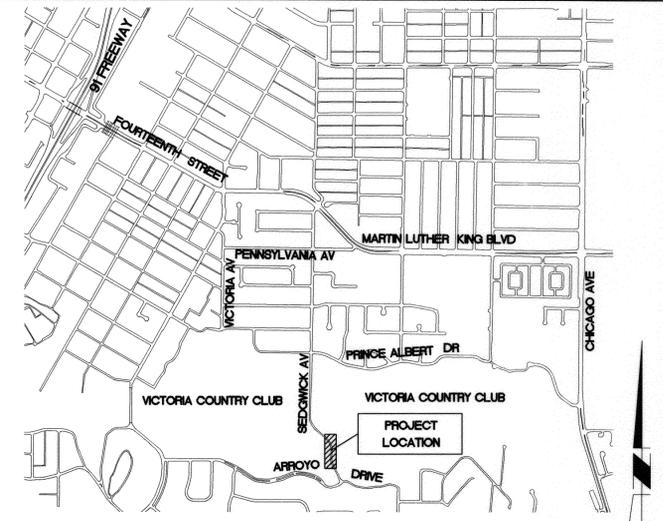
NO.	BEARING	LENGTH	ANGLE OF FLARE
(D)	N 81°19'56" E	10.00'	2°
(E)	N 62°12'28" E	8.00'	19° 7' 21"
(F)	N 10°33'13" E	6.50'	69°
(G)	N 89°07'46" E	8.00'	10°



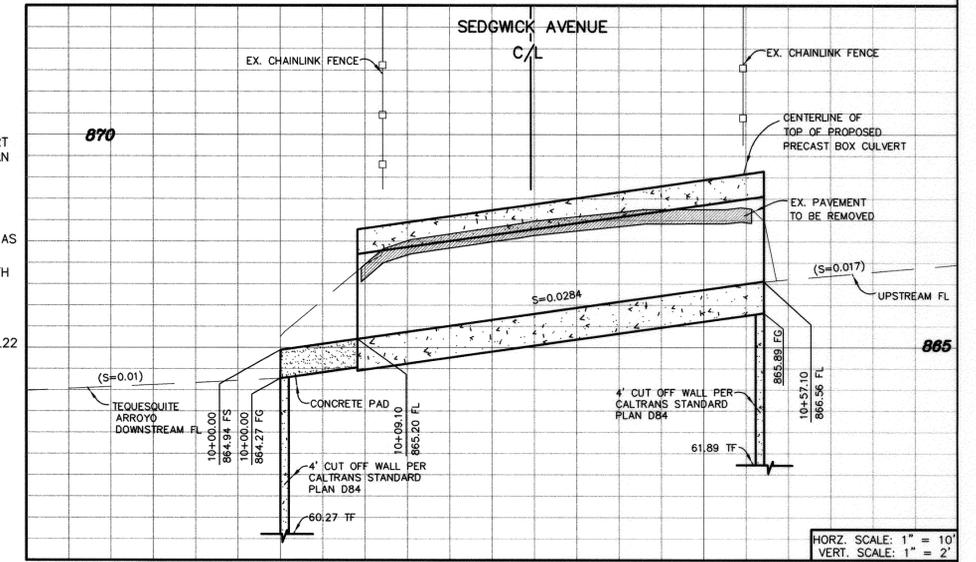
CULVERT DETAIL

SCALE: 1" = 4'

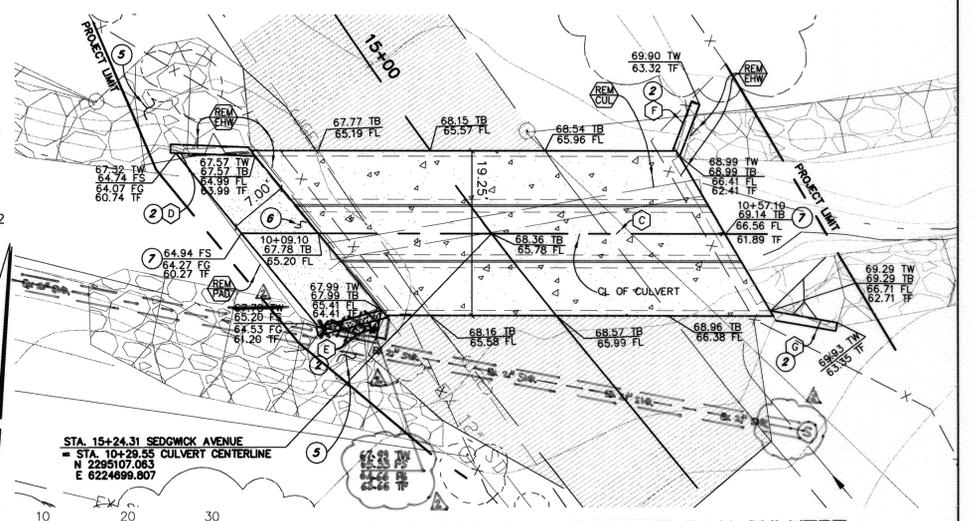
SAND BEDDING PER SECTION 200-1.5 OF THE STANDARD SPECIFICATION AND COMPACTED TO 95%.  
3" CRUSHED ROCK PER SECTION 200-1.2 OF THE STANDARD SPECIFICATION AND COMPACTED TO 95%.



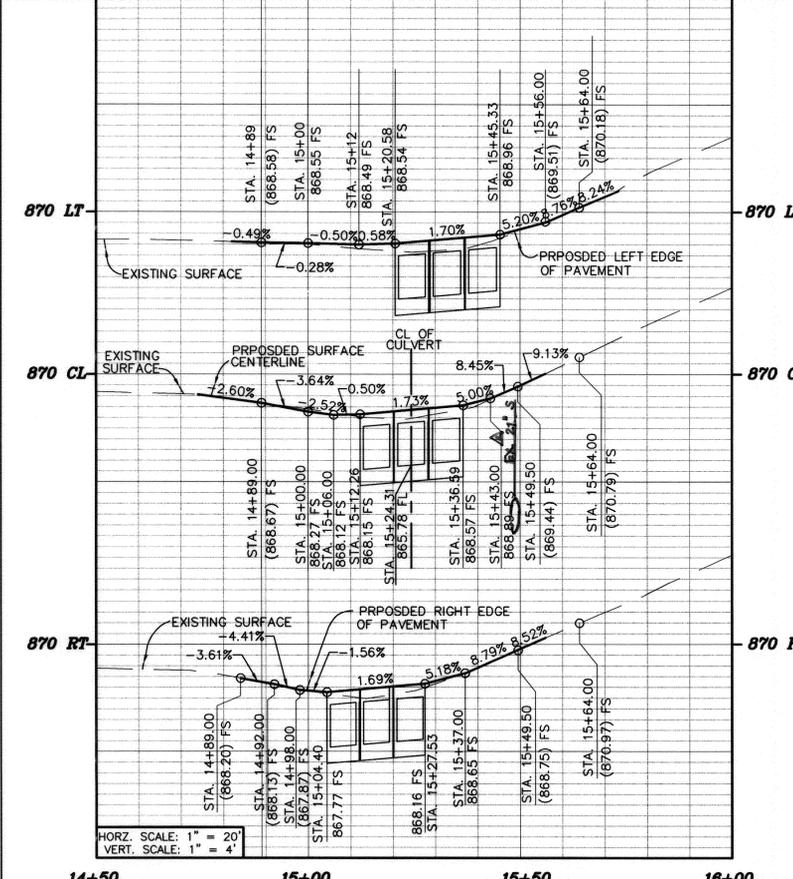
VICINITY MAP  
N.T.S.



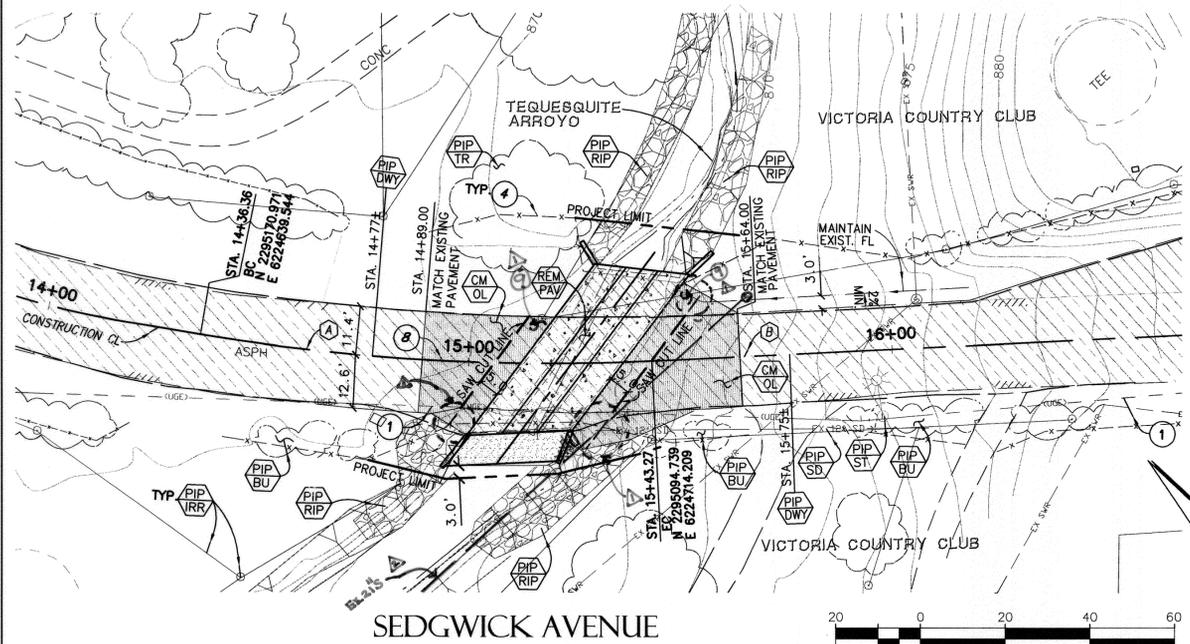
PRECAST RCB CULVERT PROFILE



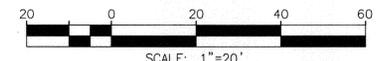
PRECAST REINFORCED CONCRETE BOX CULVERT



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



SEDGWICK AVENUE



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

BENCHMARK: L1-A3  
CITY OF RIVERSIDE BRASS CAP STAMPED H7-E IN A WELL MONUMENT AT THE CENTERLINE INTERSECTION OF KANSAS AVENUE AND PRICE ALBERT DRIVE. MONUMENT IS 0.75 FEET BELOW A.C. SURFACE. L  
DATUM: 1929  
ADJUSTMENT YEAR: 1971  
POINT ID: GPS-57  
ELEVATION 952.99

ENGINEER IN RESPONSIBLE CHARGE  
LONNY LEW YOUNG  
R.C.E. No. 43216 EXPIRES: 3-31-14  
DATE: 8/1/2012

APPROVED BY: [Signature]  
BY: [Signature] DATE: 3/24/12  
CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
CITY ENGINEER  
DATE: 3/24/12

SEDGWICK TEQUESQUITE ARROYO  
STORM DRAIN CULVERT  
PLAN VIEW AND DETAIL  
SHEET 1 OF 1  
FILE NAME: D-859.DWG