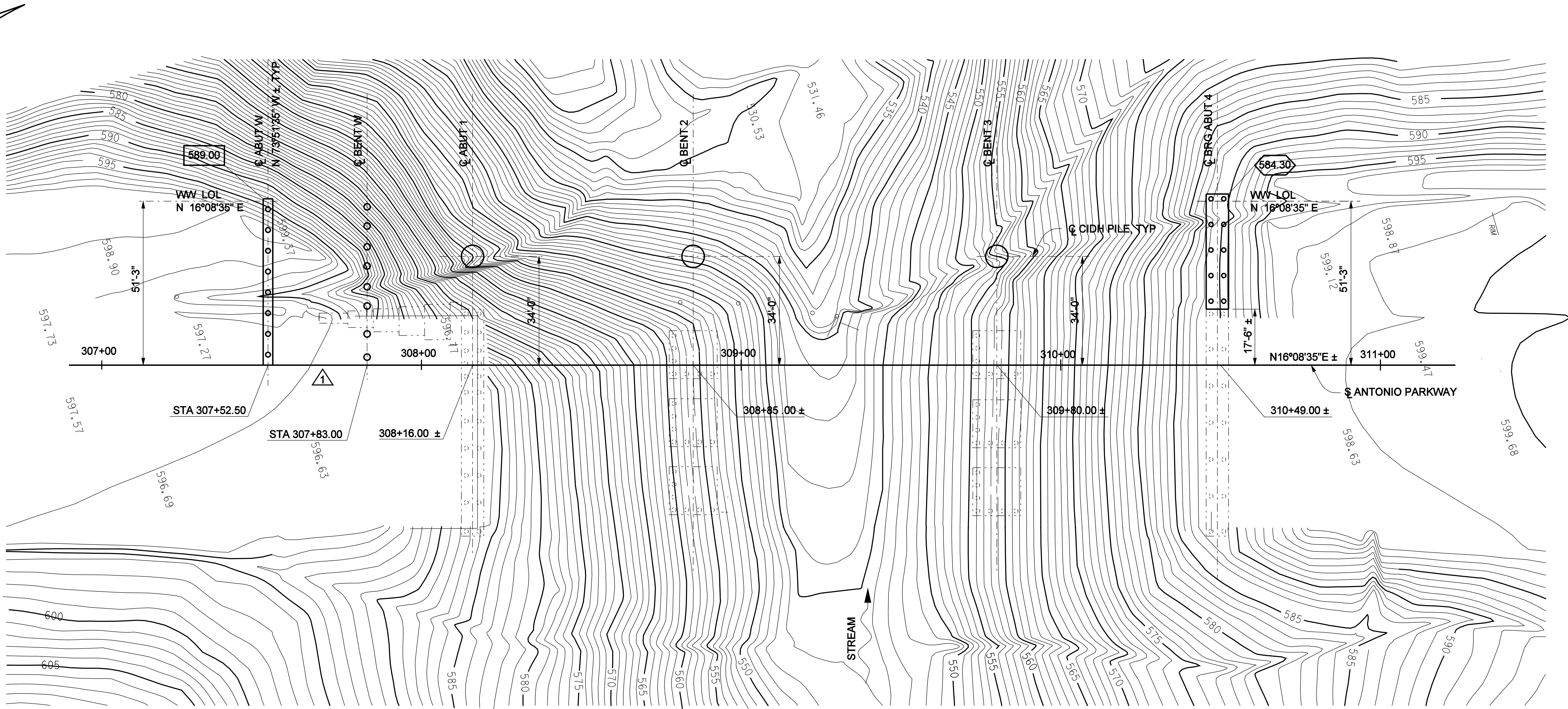




FOUNDATION PLAN

1"= 20'

BENCH MARK

3BB-36-88 ELEVATION 478.775' (1998) AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CROWN VALLEY PARKWAY AND MARGUERITE PARKWAY; 48 FT WESTERLY OF THE CENTERLINE OF MARGUERITE PARKWAY; 82 FT SOUTHERLY OF THE CENTERLINE OF CROWN VALLEY PARKWAY SET AT THE TOP OF THE NORTHWEST CORNER OF A 3 FT X 3 FT CONCRETE BASE FOR THE TRAFFIC SIGNAL LIGHT POLE.

HYDROLOGIC SUMMARY

DRAINAGE AREA: 99.32 ACRES

FREQUENCY (YEARS)

DISCHARGE (CUBIC FEET PER SECOND)

WATER SURFACE (ELEVATION AT BRIDGE)

DESIGN FLOOD	BASE FLOOD	OVERTOPPING FLOOD
25	25	>>500
235.99	235.99	N/A
545.3	545.3	N/A

LEGEND

- INDICATES BOTTOM OF ABUTMENT ELEVATION
- INDICATES BOTTOM OF FOOTING ELEVATION
- DENOTES EXISTING STRUCTURE
- DENOTES NEW SUBSTRUCTURE
- DENOTES EXIST PILES (ALL PILES NOT SHOWN FOR CLARITY)
- DENOTES NEW PILES

NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. ELEVATIONS SHOWN ARE BASED UPON NGVD29/1995 O.C.S. ADJUSTMENT VERTICAL DATUM.
3. BASIS OF BEARINGS IS CALIFORNIA STATE PLANE COORDINATE SYSTEM (NAD83).
4. CONTOURS SHOWN ARE ORIGINAL GROUND.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXIST UTILITIES BEFORE EXCAVATION AND PILE DRILLING BEGINS.

CONCRETE PILE DATA

LOCATION	TYPE	DESIGN LOADING SERVICE (KIPS)	PILE CUT-OFF ELEV (FT)	DESIGN TIP ELEV * (FT)	SPECIFIED TIP ELEV (FT)
ABUT W	16" Ø CIDH	140	—	544.0	544.0
BENT W (PILE 1)	24" Ø CIDH	140	—	552.5	552.5
BENT W (PILE 2)	24" Ø CIDH	140	—	552.5	552.5
BENT W (PILE 3)	24" Ø CIDH	140	—	552.5	552.5
BENT W (PILE 4)	24" Ø CIDH	140	—	550.5	550.5
BENT W (PILE 5)	24" Ø CIDH	140	—	550.5	550.5
BENT W (PILE 6)	24" Ø CIDH	140	—	548.5	548.5
BENT W (PILE 7)	24" Ø CIDH	140	—	543.5	543.5
BENT W (PILE 8)	24" Ø CIDH	140	—	539.0	539.0
ABUT 1	7'-0" Ø CIDH	1090	554.0	499.0	499.0
BENT 2	7'-0" Ø CIDH	1630	536.0	469.0	469.0
BENT 3	7'-0" Ø CIDH	1580	549.0	483.0	483.0
ABUT 4	16" Ø CIDH	140	—	539.0	539.0

NO AS BUILT CHANGES

AS BUILT

CORRECTION BY: MN
CONTRACT NO.: ER28121
DATE: 12/30/2009



1

1/07

DELETED MEDIAN SUPPORT WALL

MARKDATEDESCRIPTION

REVISIONS

PREPARED UNDER RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER

Yung-Nien Wang

NO. C 43559

EXP. 6-30-08

CIVIL

STATE OF CALIFORNIA

Yung-Nien Wang
RCE C 43559 (EXP. 6-30-06)

DATE

ORANGE COUNTY
RESOURCES & DEVELOPMENT MANAGEMENT DEPT

ANTONIO PARKWAY
WILDLIFE
UNDERCROSSING (WIDEN)

FOUNDATION PLAN

DESIGNED J. WANG

DRAWN H. MORALES

CHECKED F. JEANG

SCALE AS SHOWN

DATE 9/19/06

DRAWING NO.

SHEET 44 OF 72

PLANS PREPARED BY: HNTB Corporation
200 E. SANDPOINTE AVENUE, SUITE 200
SANTA ANA, CALIFORNIA 92707
TEL. (714) 460-1600 FAX (714) 460-1610

Date Plotted:

File Name: J:\34092\CADD\Strc\sheets\antoniopkwy-S-03.dgn

Border sheet last modified 09-Nov-1999