

Cl Glassell St

B

#6x2'-6" tot 6 per bay.
Drill & bond into diaphragm
using epoxy cartridges

Cl Column, typ

#4 @ 9,
ea face, typ

5 Eq spa, typ

Exist "T"
girder, typ

Exist 3/8"±
steel casing
to be removed, typ

#5 @ 9
(ea face), typ

#6x2'-6" tot 6 per bay.
Drill & bond into diaphragm
using epoxy cartridges

Right Widen Pier

Bottom of exist
"T" girder

Exist 3/8"±
steel casing & grout
to be removed
(beyond)

#5 @ 9

Exist Column
(beyond)

#4 @ 9

#4 @ 9
ea way (alternate
hooks), typ

#6x2'-6" tot 6 per bay.
Drill & bond dowel 12"
deep into footing

B

2'-6" 6"
1L 3
2-#6
dowel @ 18 into 6" deep hole,
stagger dowel @ 9, typ

ELEVATION - PIERS 10 THRU 18
1/2" = 1'-0"

Exist 3/8"±
steel casing
to be removed

Exist 1"± grout
to be removed

Cl Pier

Infill wall,
typ

Exist 3/8"± steel
circular ring to
be removed

SECTION C-C
3/4" = 1'-0"

SECTION B-B
3/4" = 1'-0"

SUPERSEDED AND REPLACED BY SHEET 51R.

2'-6" 6"
1L 3
2-#6
dowel @ 18 into 6" deep hole,
stagger dowel @ 9, typ

Roughen surface of existing column
to 1/4" amplitude where contacts
new concrete, typ

#4 @ 9
ea way, typ

#5 @ 9
Both faces, typ

Exist column, typ

3" Clr, typ

1'-2", typ

Cl Column

2'-0"±, typ

Cl Column

Cl Column

Exist #10 (tot 13)
column reinf. Protect
in place, typ.

8'-6"±

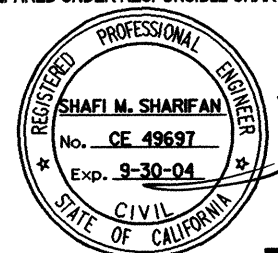
8'-6"±

8'-6"±

SECTION A-A
3/4" = 1'-0"

Note:
Contractor shall verify all controlling field dimensions
before ordering or fabricating any material

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ORANGE COUNTY PUBLIC FACILITIES AND RESOURCES DEPARTMENT		
GLASSELL STREET BRIDGE WIDENING OVER SANTA ANA RIVER		
PIER RETROFIT DETAILS		
MARK	DATE	DESCRIPTION
REVISIONS		
PREPARED UNDER RESPONSIBLE CHARGE OF:		
		
DESIGNED	J. WU	SHEET
DRAWN	G. BUELOW	51
SCALE	DATE	DRAWING NO.
AS SHOWN	7/19/02	
DATE		OF 70

Date Plotted: 01/15/03

File Name: I:\010-14\glassell\gl_prd1.dgn

Border sheet last modified 05-Nov-1999