DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	105,710	Var	47	47

REGISTERED CIVIL ENGINEER — DATE 10/01/14

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — EDWARD J. NAHM — No. C66900 — Exp. 09/30/16 — CIVIL — STATE OF CALIFORNIA

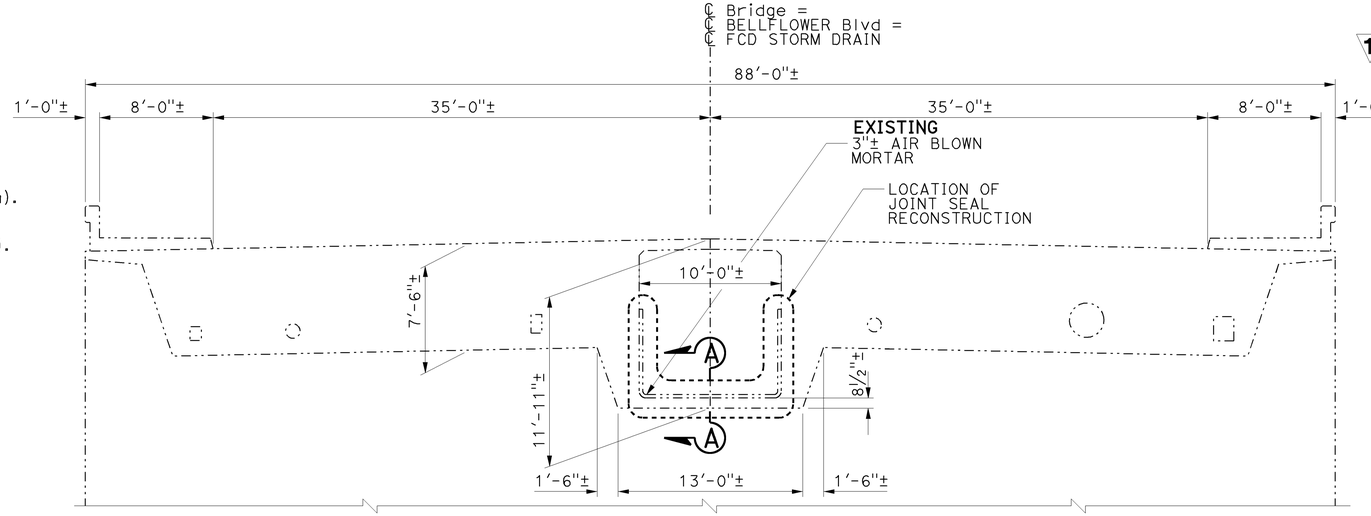
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

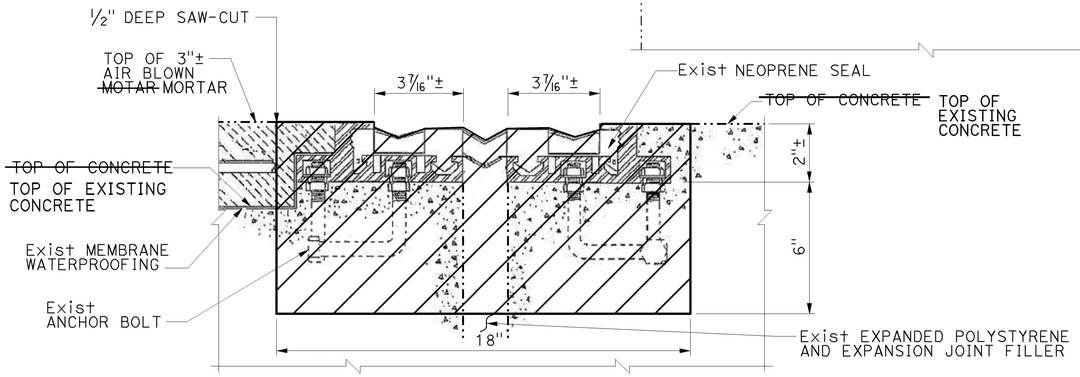
LEGEND:

----·----·----	Indicates existing.
▨	Indicates limits of bridge removal (portion).
▨	Indicates Self Consolidating Concrete (SCC).
FCD	Flood Control District

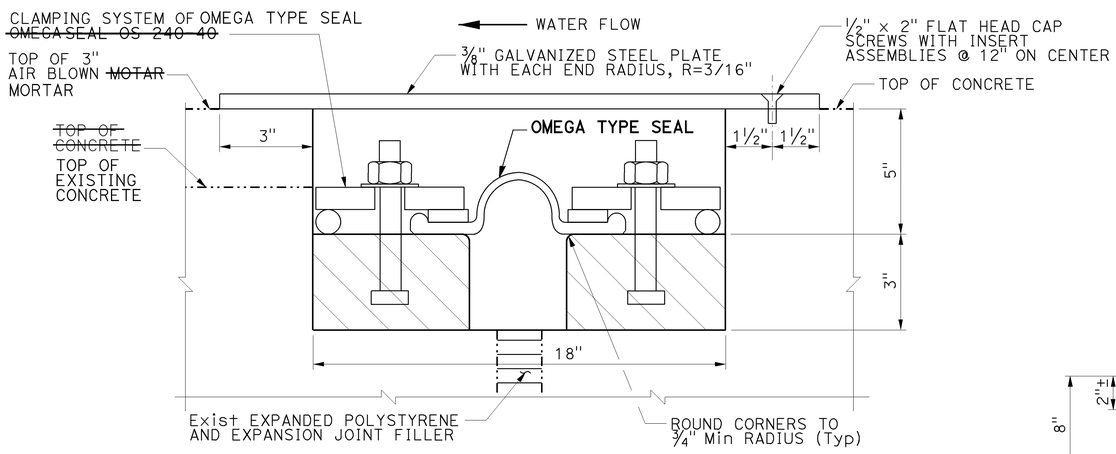
NOTE:

1. For clamping system of Omega type seal, see "STORM DRAIN DETAILS No. 2 sheet.





EXISTING (DELASTIFLEX CP-400 DRAIN SEAL)

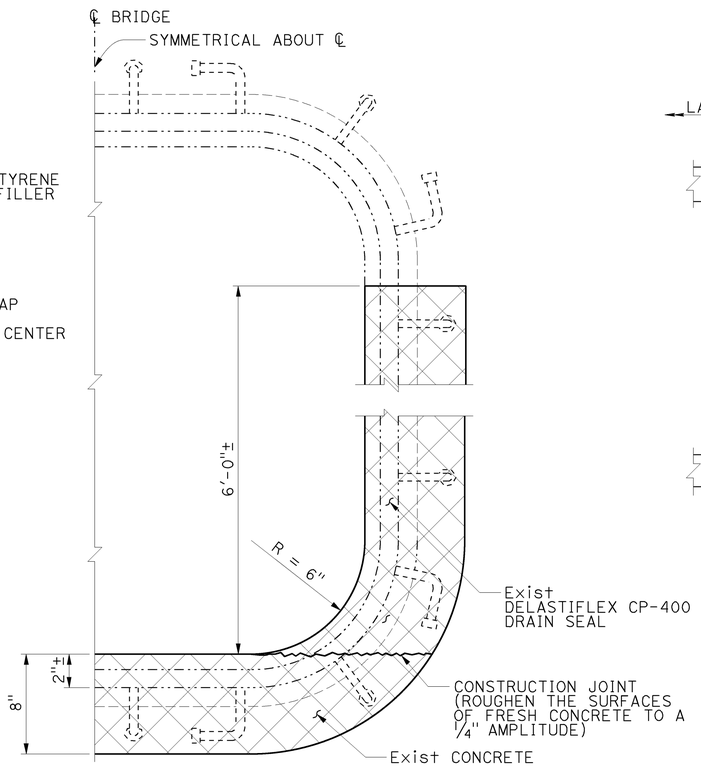


NEW WATERPROOF JOINT SEAL SYSTEM
~~(OMEGA SEAL OS 240 40)~~

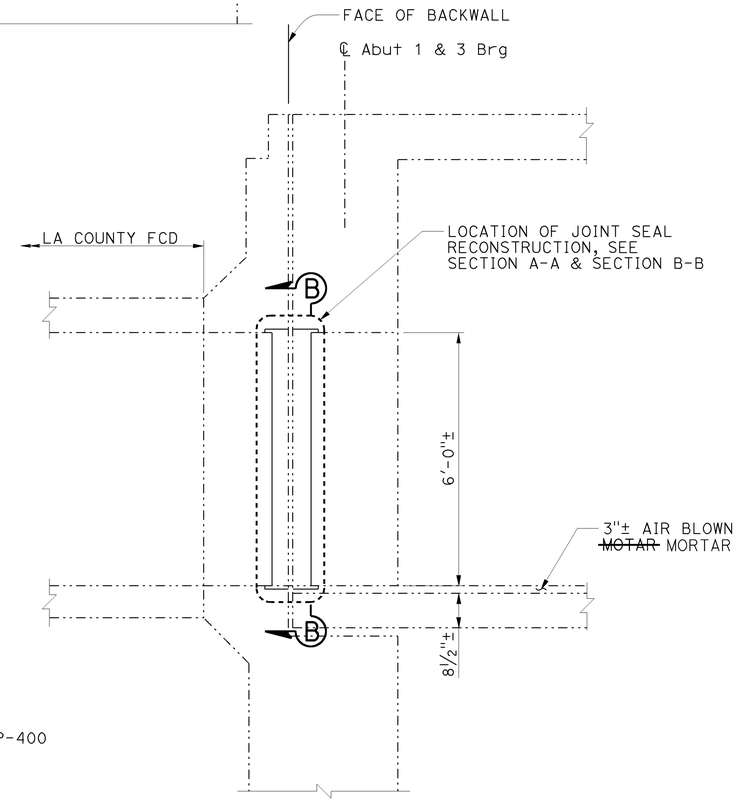
SECTION A-A
NO SCALE

BELLFLOWER Blvd OC

Br No. 53-2573, Rte 105, PM R16.64
NO SCALE



SECTION B-B
NO SCALE



CROSS-SECTION AT ABUTMENT
NO SCALE

1 REVISED PER ADDENDUM No. 1 DATED JANUARY 30, 2015

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES ARE NOT INCLUDED ON THESE PLANS.

	BY	CHECKED
DESIGN	Edward Nahm	Tony Brake
DETAILS	Tom Dang	Edward Nahm
QUANTITIES	Edward Nahm	Tony Brake

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 53-2573
POST MILE R16.64

ROUTE 105,710 BRIDGES
STORM DRAIN DETAILS NO.1

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 -

UNIT: 3489
PROJECT NUMBER & PHASE: 0713000085 1
CONTRACT NO.: 07-2W0604

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
8-06-12	9-18-13	10-21-13	9-30-14	17	17

FILE => 07-2w0604-e-stdrdtl.dgn

DATE PLOTTED => 20-NOV-2014 TIME PLOTTED => 08:29
USERNAME => s129239

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	105,710	Var	47A	47

REGISTERED CIVIL ENGINEER — DATE 12/09/14

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — EDWARD J. NAHM — No. C66900 — Exp. 09/30/16 — CIVIL — STATE OF CALIFORNIA

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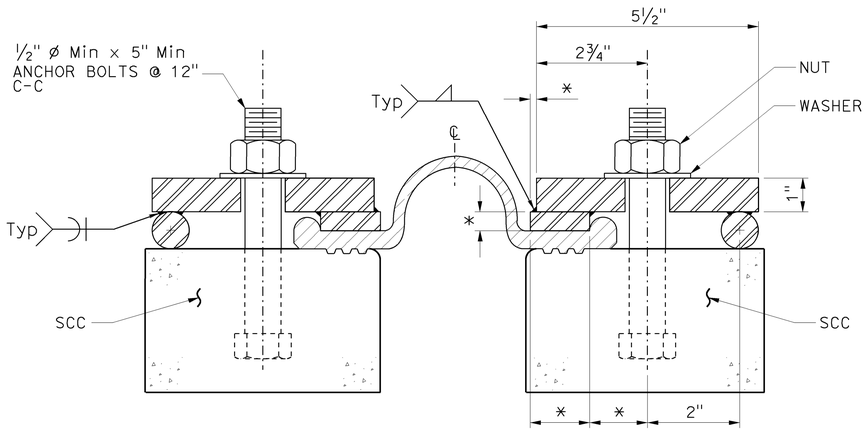


CLAMPING SYSTEM FOR OMEGA TYPE SEAL

NO SCALE

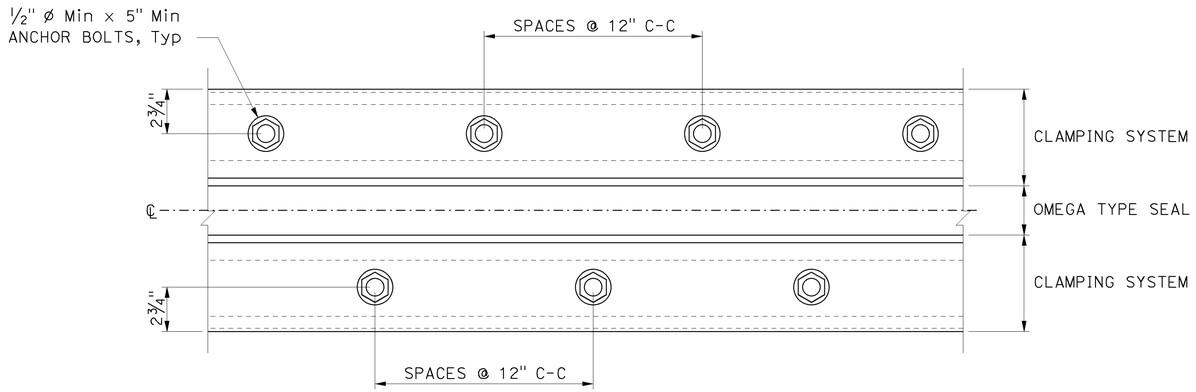
* DIMENSIONS ARE DEPENDENT ON MANUFACTURER SPECIFICATION

LEGEND:

	Indicates clamping system.
	Indicates Omega type seal.
SCC	Self Consolidating Concrete.

NOTES:

1. All welding must conform to ANSI/AASHTO/AWS D1.1.
2. The clamping system must be hot dip galvanized after fabrication.
3. Omega type seal shall be fabricated in one continuous piece and must be fabricated to bend around corners. Field splices of the Omega type seal are not allowed.
4. Anchor bolts must conform to ASTM 325 and must be hot dip galvanized. Bolts extended ½" minimum past nut.
5. The steel clamping must be capable of keeping the Omega flange in position and sealing against water pressure and bridge movements.
6. The clamping and sealing capacity of the clamping system must incorporate the relaxation effect of the rubber flange.
7. Maximum anticipated water pressure is 5 pounds per square inch.



PARTIAL PLAN VIEW

NO SCALE

1 ADDED PER ADDENDUM No. 1 DATED JANUARY 30, 2015

NOTE:
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	BY	CHECKED
DESIGN	Edward Nahm	Tony Brake
DETAILS	Tom Dang	Edward Nahm
QUANTITIES	Edward Nahm	Tony Brake

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 53-2573
POST MILE R16.64

ROUTE 105,710 BRIDGES
STORM DRAIN DETAILS NO. 2

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 -

UNIT: 3489
PROJECT NUMBER & PHASE: 0713000085 1 CONTRACT NO.: 07-2W0604

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
8-06-12	12-09-14				

FILE => 07-2w0604-e-stdrdt102.dgn

USERNAME => s129239 DATE PLOTTED => 08-DEC-2014 TIME PLOTTED => 10:58