



State Route 91 Design Build



PROJECT

Caltrans 91 Design Build

LOCATION

Corona, California

PRODUCT

TriAx® Geogrid Non-Standard Special Provision (NSSP) Types 1 and 2

QUANTITY

300,000 square yards

OWNERS

Caltrans

City of Corona

Riverside County Transportation Commission (RCTC)

County of Riverside

CONTRACTOR

Walsh/ Atkinson

ENGINEER

AECOM

INSTALLATION DATE

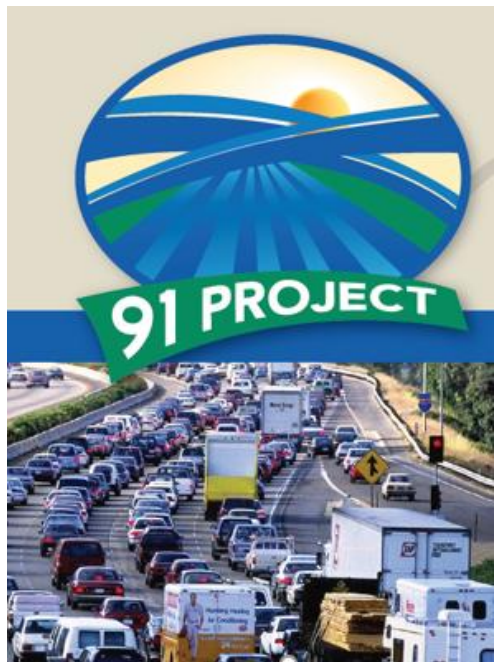
2015-2016

PROJECT DETAILS

Walsh/Atkinson proposed value engineering pavement sections using Tensar TriAx geogrids meeting both the Caltrans TriAx geogrid Non-standard Special Provision (NSSP) and the Greenbook Standard Specifications (2015), Multi-Axial Geogrid Table 213.52E.

With TriAx geogrid, both the flexible pavements and rigid pavement were reduced in thickness to:

- save money, material, trucks, and time
- increase speed of construction
- increase life (T.I.).



Tensar®

Tensar International Corporation
2500 Northwinds Parkway
Suite 500
Alpharetta, GA 30009
TensarCorp.com
800-TENSAR-1



Various Approved TriAx Geogrid Flexible Pavement Sections for the Caltrans 91 Design Build, Corona, CA

Typical Section No.	Street Names	Non-stabilized Sections			TriAx Geogrid Stabilized Sections			
		Design Traffic Index	AC feet	CI2AB feet	Design Traffic Index	AC feet	CI2AB feet	Layers of TriAx Geogrid
5	Buena Vista	5.5	0.35	0.6	6.0	0.25	0.55	1
6	Bollero	5.5	0.4	0.6	6.0	0.3	0.55	1
8	"D" St.	8.0	0.55	0.85	9.0	0.45	0.75	1
9	Second St	5.0	0.35	0.5	5.5	0.25	0.5	1
10	West Grand Blvd. Pomona Rd.	8.0	0.6	0.95	9.0	0.5	0.85	1
11	Auto Center Dr. Wardlow Rd. Maple St.	8.0	0.6	0.8	9.0	0.5	0.75	1
12	Serfas Club Dr.	10.0	0.7	1.45	11.0	0.5	1.15	2
13	Lincoln St.	11.0	0.7	1.3	12.0	0.5	1.05	2
14	Sixth St. Main St.	11.0	0.75	1.55	12.0	0.5	1.25	2



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