

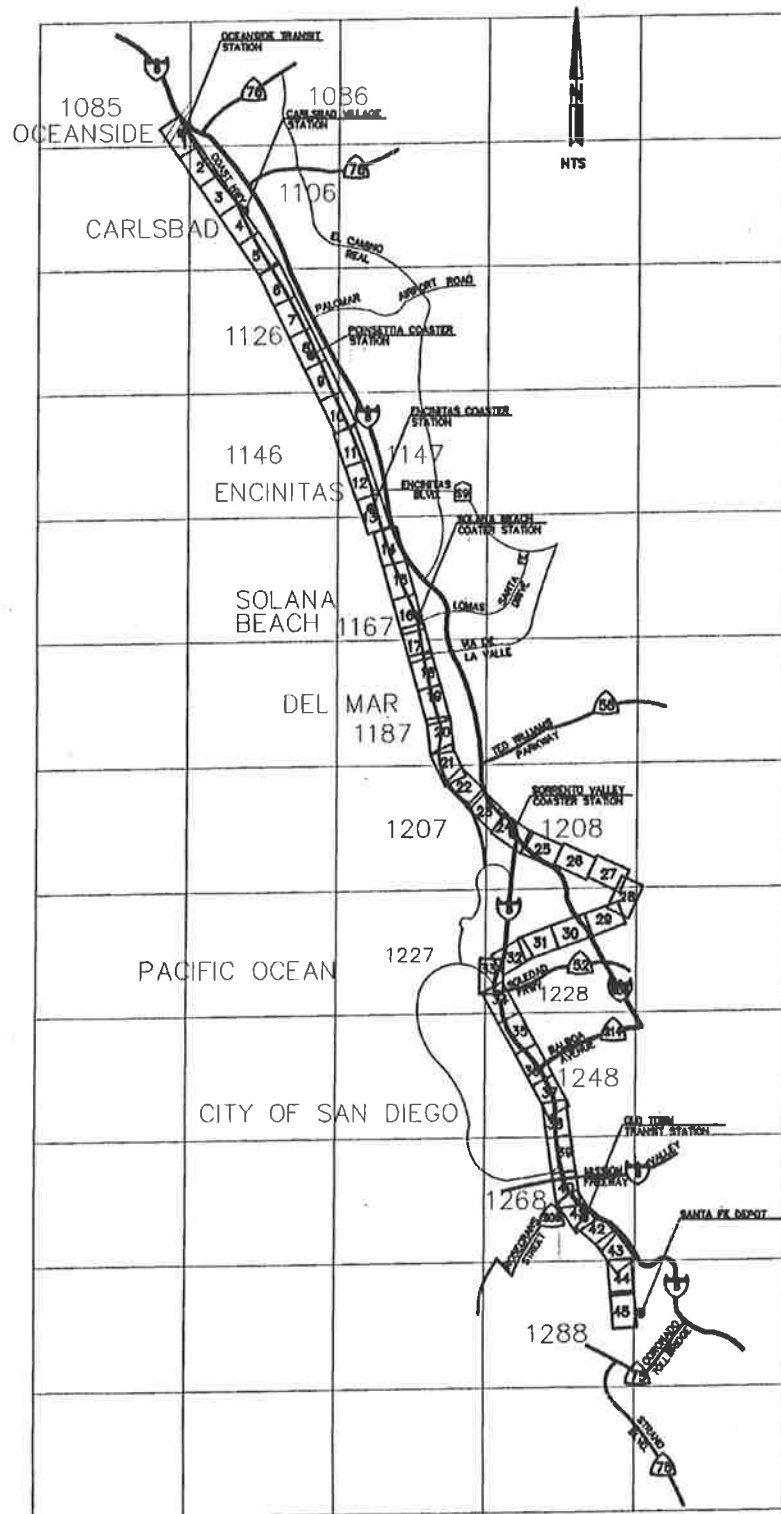
# COASTAL RAIL TRAIL

**SHEET INDEX**

## PROJECT STUDY REPORT ALIGNMENT CONCEPT PLAN PREPARED FOR THE

**CITY OF OCEANSIDE  
CITY OF CARLSBAD  
CITY OF ENCINITAS  
CITY OF SOLANA BEACH  
CITY OF DEL MAR  
CITY OF SAN DIEGO**

SHEET DESCRIPTION	SHEET NUMBER
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LOMA ALTA CREEK TO BUENA VISTA LAGOON	3
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WALNUT AVENUE TO AGUA HEDIONDA LAGOON	5
AGUA HEDIONDA LAGOON TO CANNON ROAD	6
CEREZO DRIVE TO EASY PLACE	7
EASY PLACE TO POINSETTIA COASTER STATION	8
POINSETTIA LANE TO BATQUITOS LAGOON	9
BATQUITOS LAGOON TO AVOCADO STREET (PARTIALLY CITY OF ENCINITAS)	10
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DAPHNE STREET TO ENCINITAS BOULEVARD	12
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VA DE LA VALLE TO COAST AVENUE	18
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1086 REFERS TO PAGE NUMBER  
IN THE 1997 THOMAS GUIDE



REVISIONS	DATE	SCALE
		HORIZONTAL AS SHOWN
		VERTICAL AS SHOWN

<b>COASTAL RAIL TRAIL</b>		DRAWING NO. <b>376-9</b>
TITLE SHEET COASTAL RAIL TRAIL		
DATE: 28 AUGUST 1997		SHEET 1A OF 48

PLANS PREPARED BY:  
**TRANSTECH**  
624 BREA CANYON ROAD  
WALNUT, CA 91789  
(909) 595-8599  
*ACT* 9/25/00  
DATE



REVISIONS	DATE	SCALE
HORIZONTAL AS SHOWN		
VERTICAL AS SHOWN		

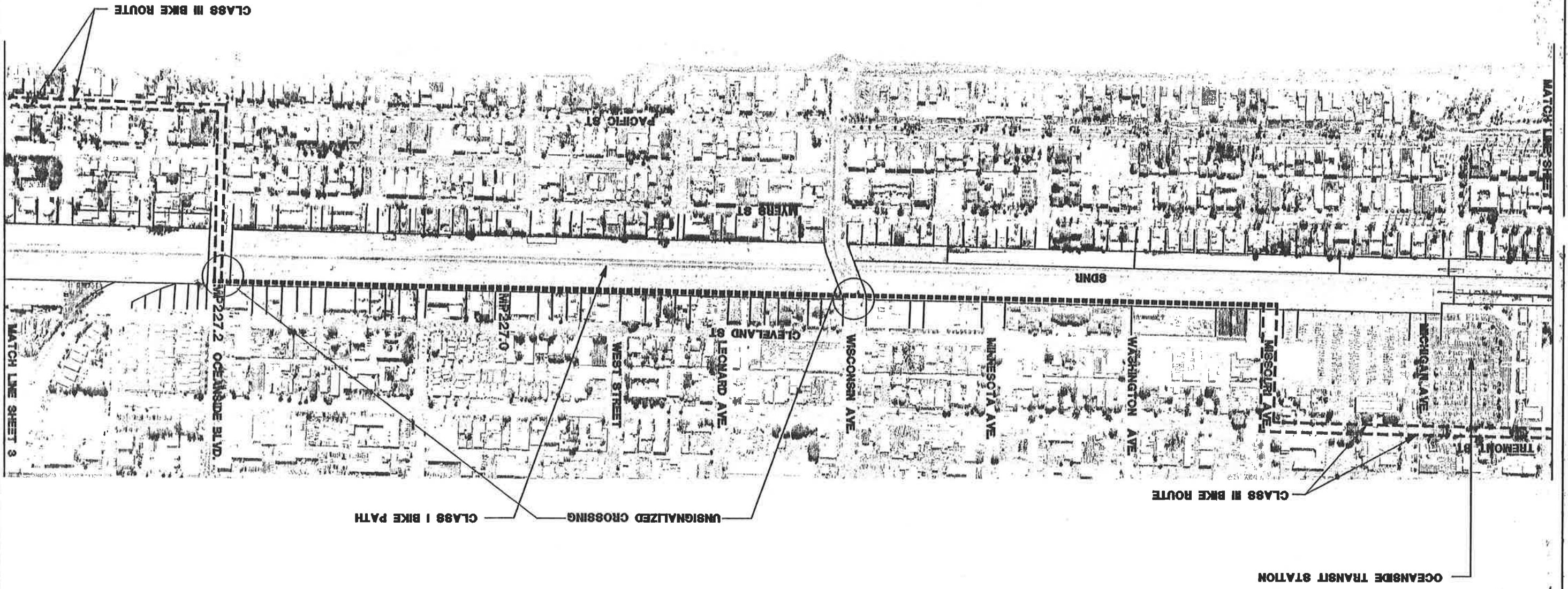
CITY OF OCEANSIDE  
 SEAGAZE WAY TO OCEANSIDE BLVD.  
 COASTAL RAIL TRAIL  
 SHEET 2 OF 48  
 376-9

PLANS PREPARED BY  
**TRANSTECH**  
 624 BRECA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8599  
 DATE: 9/25/09  
 ALL CANS BEC 4733 EXP. 12-31-03



SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
- - - - -	CLASS III BIKE ROUTE
- · - · -	PEDESTRIAN TRAIL
-----	PEDESTRIAN TRAIL (UNIMPROVED)
-----	AT GRADE CROSSING
-----	OVER CROSSING
-----	BRIDGE

**LEGEND:**



MATCH LINE SHEET 1  
 MATCH LINE SHEET 3

REVISIONS	DATE	SCALE

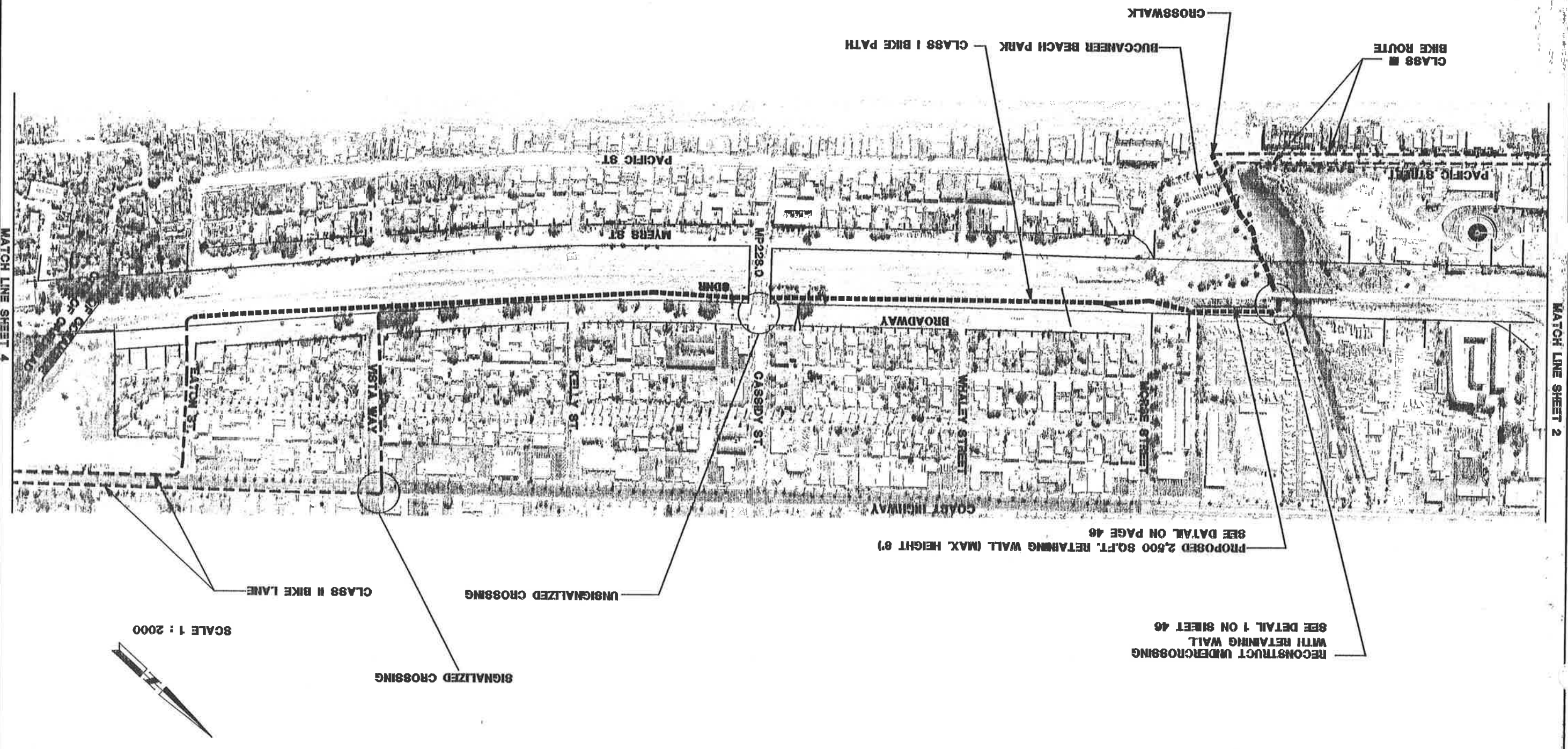
CITY OF OCEANSIDE  
LOMA ALTA CREEK TO  
BUENA VISTA LAGOON  
COASTAL RAIL TRAIL

PLANS PREPARED BY:  
**TRANSTECH**  
624 BREVA CANYON ROAD  
VALHUT, CA 91789  
(909) 595-8599  
DATE: 9/15/09  
PROJECT NO. 3455  
SHEET 3 OF 48



SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
- - - - -	CLASS III BIKE ROUTE
.....	PEDESTRIAN TRAIL
.....	PEDESTRIAN TRAIL (UNIMPROVED)
.....	AT GRADE CROSSING
.....	OVER CROSSING
.....	BRIDGE

**LEGEND:**



SCALE 1 : 2000



MATCH LINE SHEET 4

MATCH LINE SHEET 2



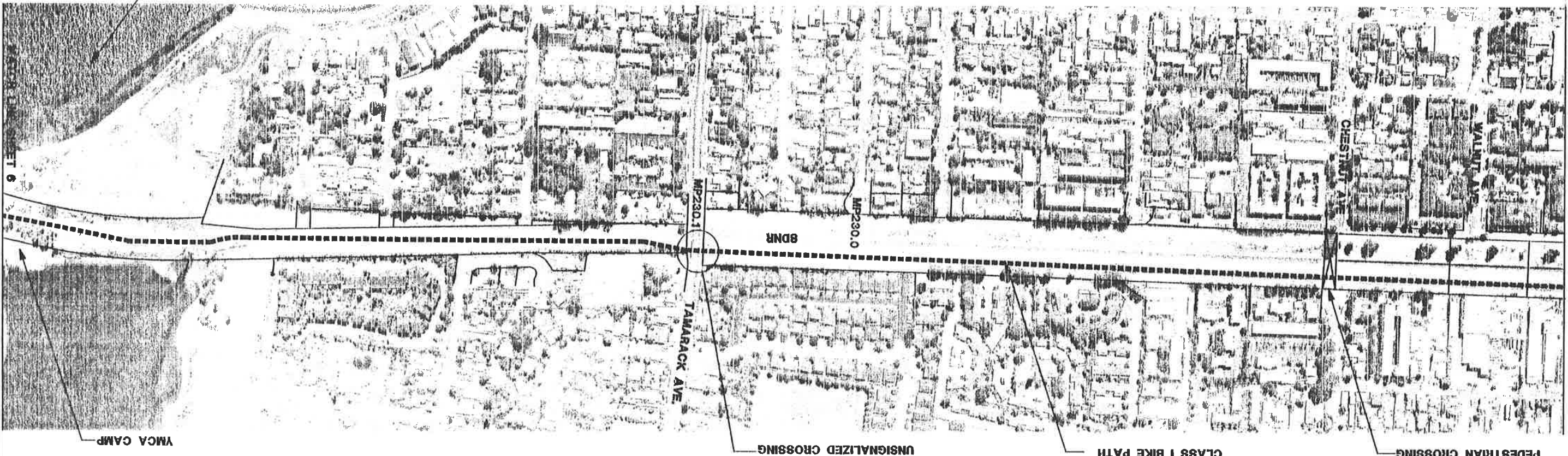
REVISIONS	DATE	SCALE

- DESCRIPTION**
- CLASS I BIKE PATH
  - CLASS II BIKE LANES
  - CLASS III BIKE ROUTE
  - PEDESTRIAN TRAIL
  - PEDESTRIAN TRAIL (UNIMPROVED)
  - AT GRADE CROSSING
  - OVER CROSSING
  - BRIDGE



- SYMBOL**
- - 
  - 
  - 
  - 
  - 
  - 
  - 
  -

**LEGEND:**



PLANS PREPARED BY: **TRANSTECH**  
 624 AREA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8999  
 DATE: 1/25/99  
 ALL DRAWING P.L.C. #128 EXP. 12-31-04

**CITY OF CARLSBAD**  
 COASTAL RAIL TRAIL

**WALNUT AVE. TO  
 AGUA HEDIONDA LAGOON**  
 COASTAL RAIL TRAIL

SHEET 5 OF 48  
 376-9

PROJECT NO. 3455  
 01.19.99

MATCH LINE-SHEET 4

REVISIONS	DATE	SCALE

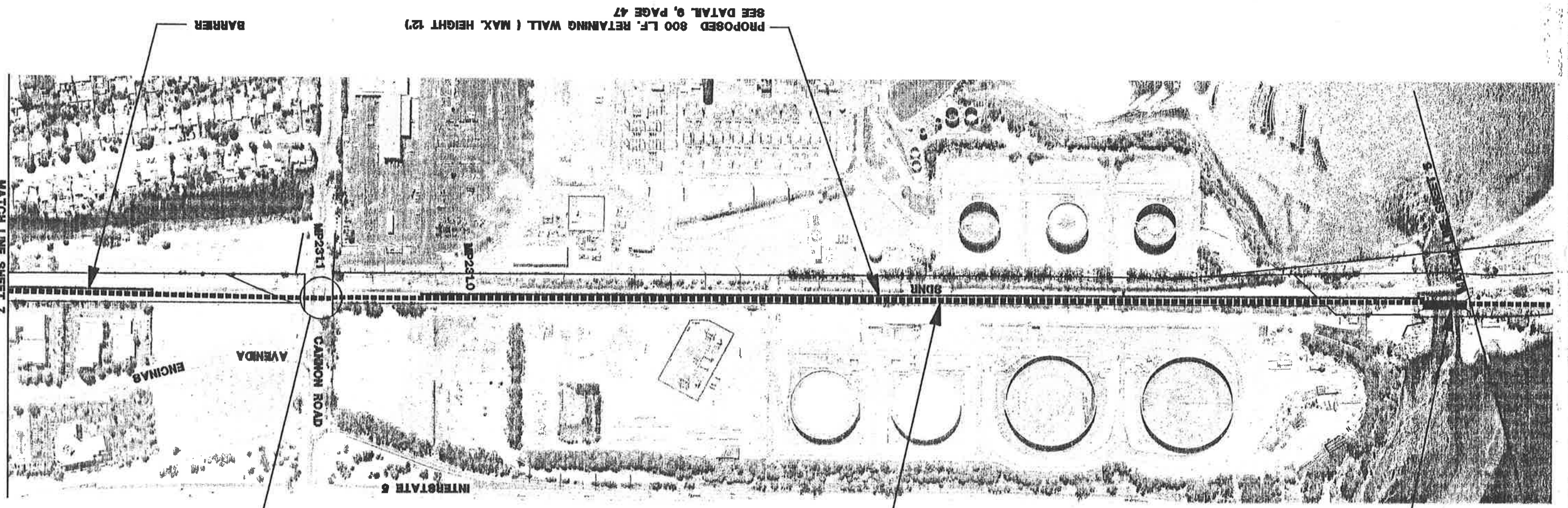
PROJECT NO 3455 03 21 00  
 SHEET 5 OF 48  
 376-9  
 CITY OF CARLSBAD  
 COASTAL RAIL TRAIL  
 TO CANNON ROAD  
 AGUA HEDIONDA LAGOON

PLANS PREPARED BY  
**TRANS TECH**  
 624 BREA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8399  
 ALL CENTER LINE 47188 EXP. 12-31-03 DATE



DESCRIPTION	SYMBOL
CLASS I BIKE PATH	.....
CLASS II BIKE LANES	-----
CLASS III BIKE ROUTE	- - - - -
PEDESTRIAN TRAIL	-----
PEDESTRIAN TRAIL (UNIMPROVED)	-----
AT GRADE CROSSING	=====
OVER CROSSING	=====
BRIDGE	=====

**LEGEND:**



BRIDGE OVER OR ADJACENT  
 TO EXISTING SEWER BRIDGE  
 SEE DETAIL 3 ON SHEET 47  
 LENGTH OF BRIDGE 260' ±

CLASS I  
 BIKE PATH

PROPOSED 800 L.F. RETAINING WALL ( MAX. HEIGHT 12' )  
 SEE DETAIL 9, PAGE 47

UNSIGNALIZED CROSSING

SCALE 1 : 2000



MATCH LINE SHEET 7

REVISIONS	DATE	SCALE

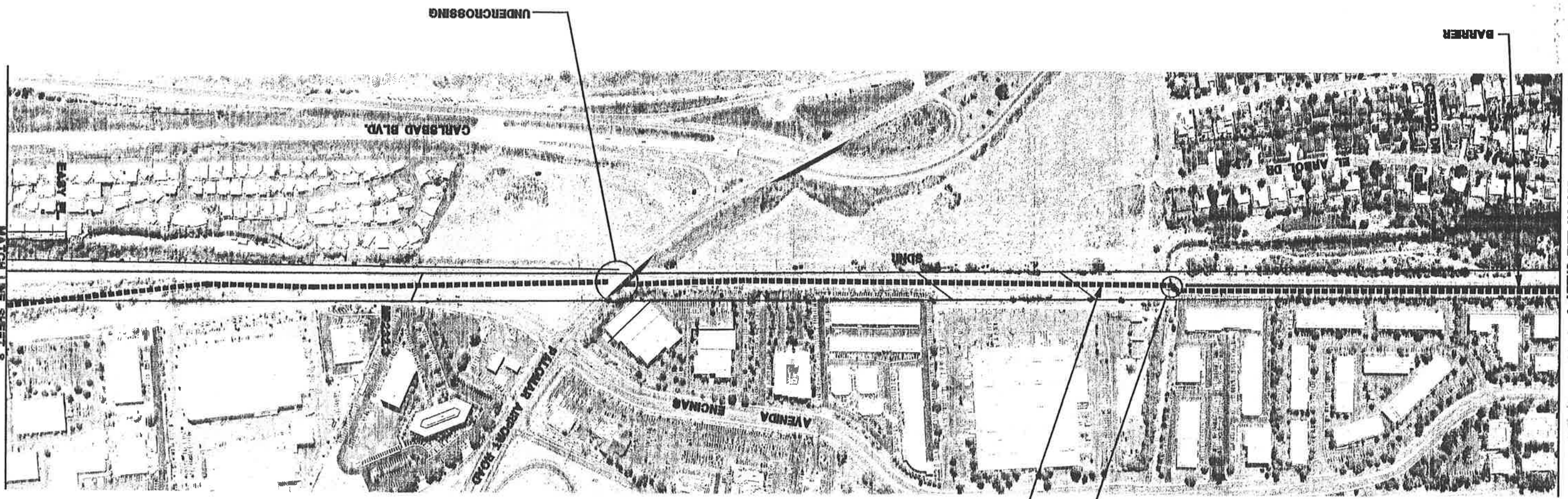
PROJECT NO 3465  
 SHEET Z DF 48  
 376-9  
 CITY OF CARLSBAD  
 COASTAL RAIL TRAIL  
 CERREZO DR. TO EASY PL.  
 COASTAL RAIL TRAIL

PLANS PREPARED BY  
**TRANSTECH**  
 624 BREA CANYON ROAD  
 VALUUT, CA 91789  
 (909) 595-8599  
 ALL OTHER PLS. SEE 47128 EXP. 12-31-03 DATE 1/1/02



SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
-----	CLASS III BIKE ROUTE
-----	PEDESTRIAN TRAIL
-----	PEDESTRIAN TRAIL (UNIMPROVED)
-----	AT GRADE CROSSING
-----	OVER CROSSING
-----	BRIDGE

**LEGEND:**



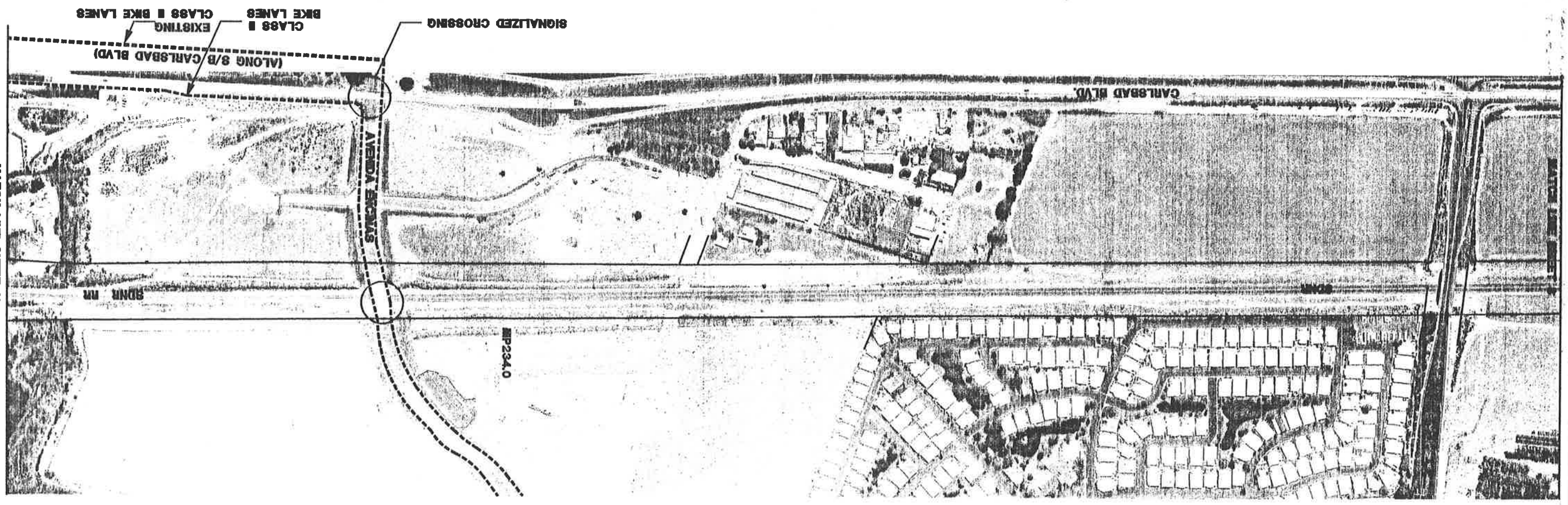




REVISIONS	DATE	SCALE

SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
-----	CLASS III BIKE ROUTE
-----	PEDESTRIAN TRAIL
-----	PEDESTRIAN TRAIL (UNIMPROVED)
⊠	AT GRADE CROSSING
□	OVER CROSSING
⊞	BRIDGE

**LEGEND:**



PLANS PREPARED BY  
**TRANSTECH**  
 624 BRECA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 593-8599

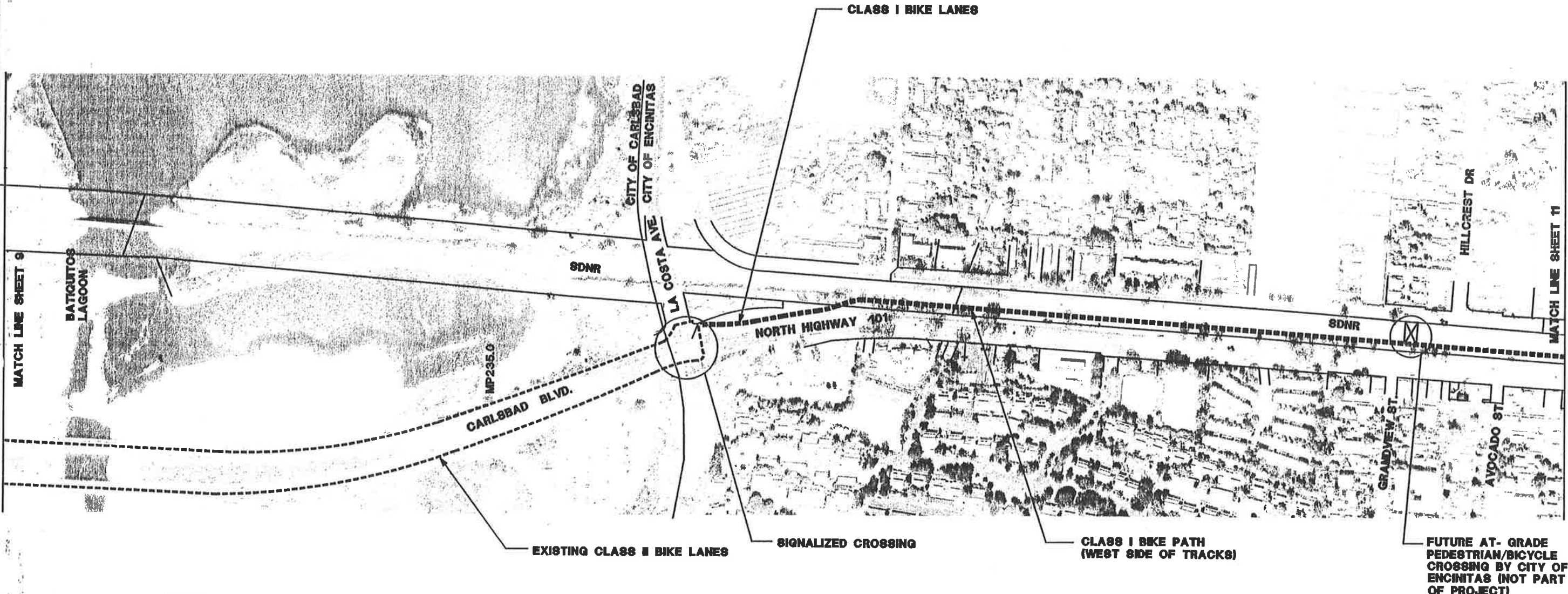


**CITY OF CARLSBAD**  
 POINSETTIA LN. TO  
 BATAQUITOS LAGOON  
 COASTAL RAIL TRAIL

376-9  
 SHEET 9 OF 49

PROJECT NO 3455  
 9/22/00

SCALE 1 : 2000



**LEGEND:**

DESCRIPTION	SYMBOL
CLASS I BIKE PATH	—————
CLASS II BIKE LANES	- - - - -
CLASS III BIKE ROUTE	· · · · ·
PEDESTRIAN TRAIL	—————
PEDESTRIAN TRAIL (UNIMPROVED)	—————
AT GRADE CROSSING	☒
OVER CROSSING	□
BRIDGE	⌞

REVISIONS	DATE	SCALE

PLANS PREPARED BY:  
**TRANSTECH**  
 624 BREA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8599  
*A. Davis* 9/21/00  
 ALT. CAYTR. R.C.E. 47128 EXP. 12-31-02 DATE

CITY OF CARLSBAD / CITY OF ENCINITAS

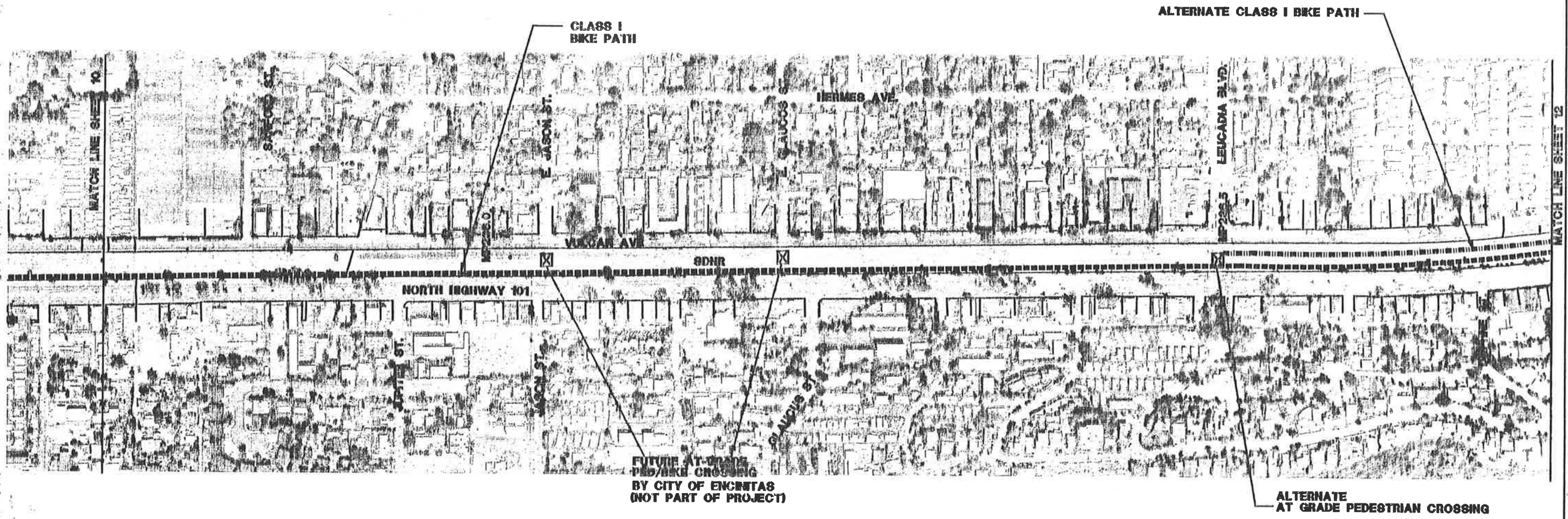
**BATIQUITOS LAGOON TO AVOCADO ST**  
 COASTAL RAIL TRAIL

376-9

SHEET 10 OF 49



SCALE 1 : 2000



**LEGEND:**

DESCRIPTION	SYMBOL
CLASS I BIKE PATH	-----
CLASS II BIKE LANES	-----
CLASS III BIKE ROUTE	-----
PEDESTRIAN TRAIL	-----
PEDESTRIAN TRAIL (UNIMPROVED)	-----
ALTERNATE CLASS I BIKE PATH	.....
AT GRADE CROSSING OVER CROSSING	☒
BRIDGE	☐

REVISIONS	DATE	SCALE



PLANS PREPARED BY:  
**TRANSTECH**  
 624 DREA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8599  
 DATE: 9/25/00

**CITY OF ENCINITAS**

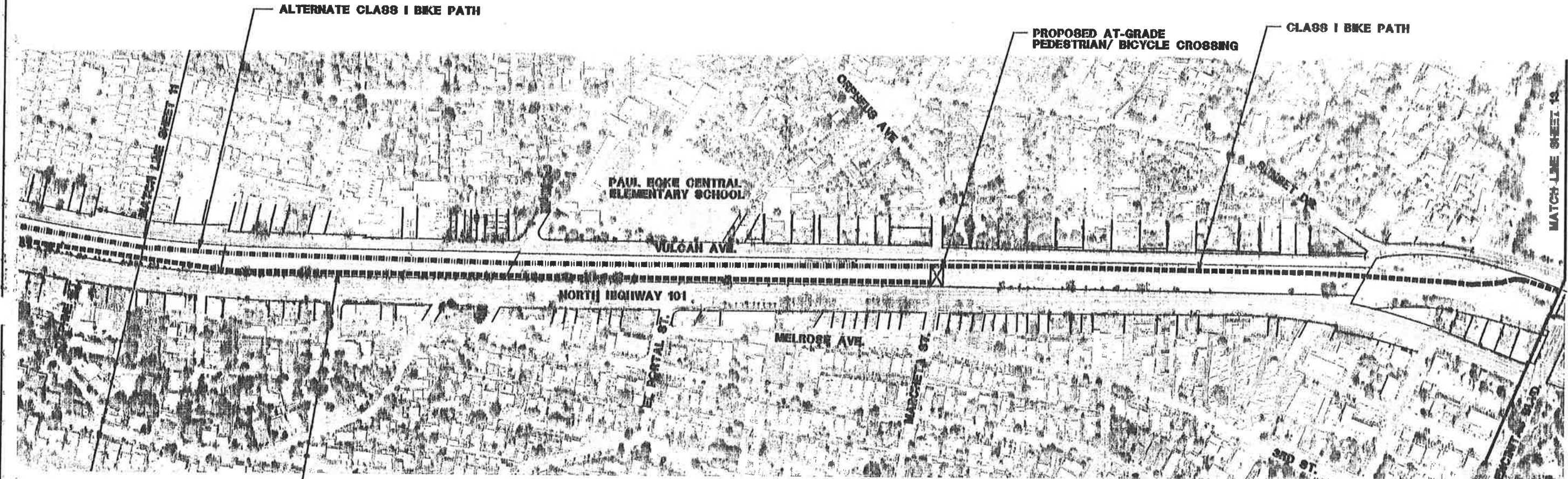
HIGHWAY 101  
 JUPITER ST TO DAPHNE ST.  
 COASTAL RAIL TRAIL

376-9

SHEET 11 OF 48



SCALE 1 : 2000



**LEGEND:**

DESCRIPTION	SYMBOL
CLASS I BIKE PATH	— — — — —
CLASS II BIKE LANES	- - - - -
CLASS III BIKE ROUTE	- - - - -
PEDESTRIAN TRAIL	— — — — —
PEDESTRIAN TRAIL (UNIMPROVED)	— — — — —
ALTERNATE CLASS I BIKE PATH	— — — — —
AT GRADE CROSSING	☒
OVER CROSSING	□
BRIDGE	— — — — —

REVISIONS	DATE	SCALE
		HORIZONTAL AS SHOWN
		VERTICAL AS SHOWN



PLANS PREPARED BY:  
**TRANSTECH**  
 624 BREA CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8599  
 Ali CAYB R.C.E. 47120 EXP. 12-31-03 DATE

**CITY OF ENCINITAS**

HIGHWAY 101  
 DAPHNE ST. TO ENCINITAS BLVD.  
 COASTAL RAIL TRAIL

376-9

SHEET 12 OF 48

REVISIONS	DATE	SCALE

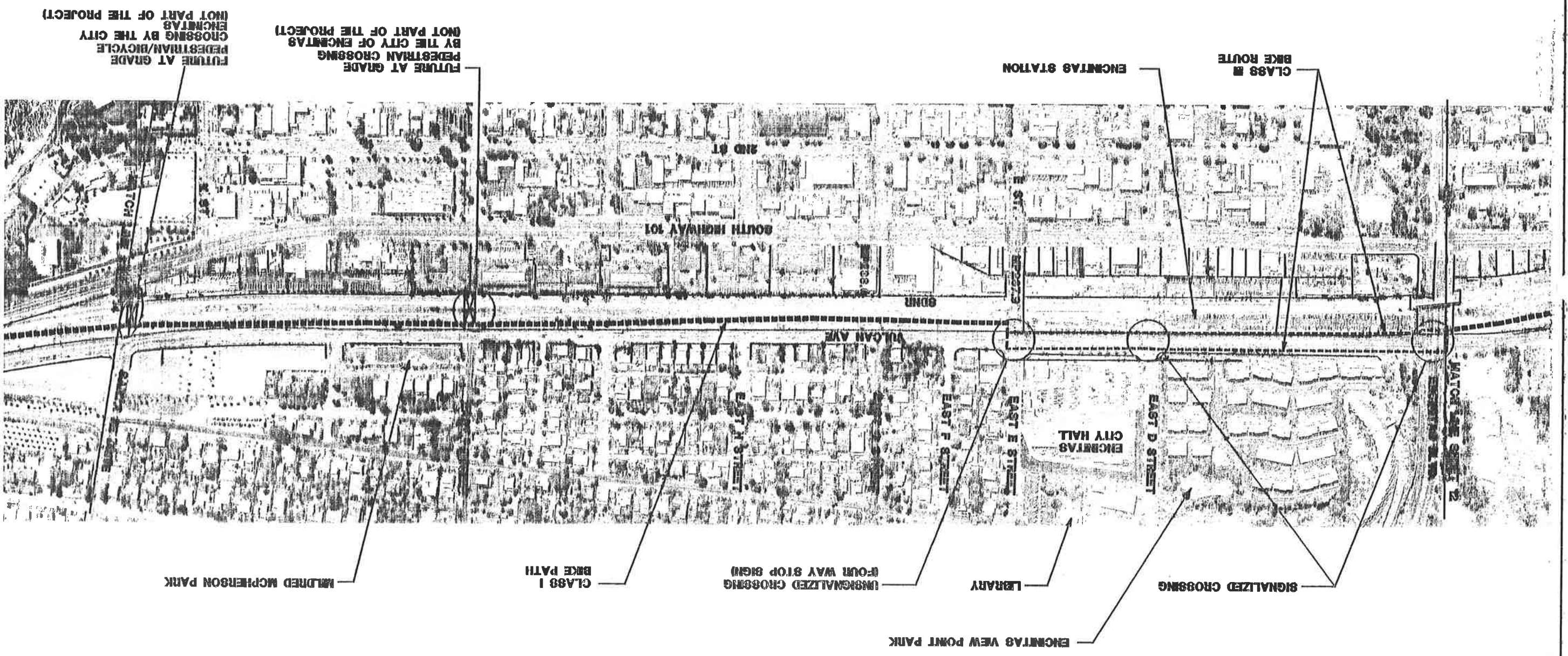
PROJECT NO. 3455  
SHEET 13 OF 48  
ENCINITAS BLVD. TO SANTA FE DR.  
CITY OF ENCINITAS  
COASTAL RAIL TRAIL  
376-9

PLANS PREPARED BY  
**TRANSTECH**  
624 BREA CANYON ROAD  
VALHUT, CA 91789  
(909) 595-8599  
ALI CAVIN BCE 4720 EXP. 12-31-03  
DATE 9/27/09



SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
- - - - -	CLASS III BIKE ROUTE
.....	PEDESTRIAN TRAIL
.....	PEDESTRIAN TRAIL (UNIMPROVED)
-----	AT GRADE CROSSING
-----	OVER CROSSING
-----	BRIDGE

**LEGEND:**

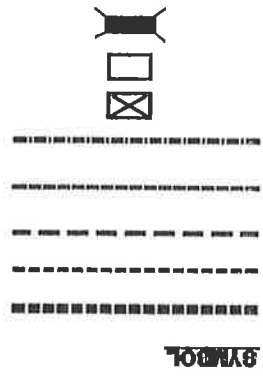


SCALE 1 : 2000

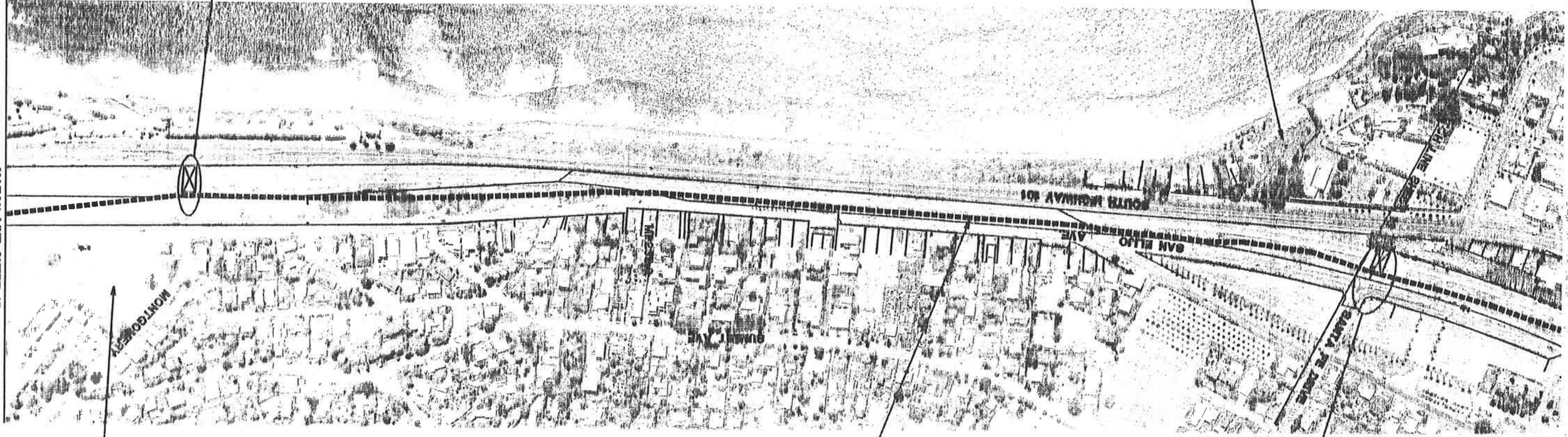


REVISIONS	DATE	SCALE

- DESCRIPTION**
- CLASS I BIKE PATH
  - CLASS II BIKE LANES
  - CLASS III BIKE ROUTE
  - PEDESTRIAN TRAIL
  - PEDESTRIAN TRAIL (UNIMPROVED)
  - AT GRADE CROSSING
  - OVER CROSSING
  - BRIDGE



**LEGEND:**



FUTURE AT GRADE  
PEDESTRIAN/BICYCLE  
CROSSING BY THE CITY  
(NOT PART OF PROJECT)

CLASS I  
BIKE PATH

CARDIFF ELEMENTARY SCHOOL

SCALE 1 : 2000



FUTURE AT GRADE  
PEDESTRIAN/BICYCLE  
CROSSING BY THE CITY  
(NOT PART OF PROJECT)

MATCH LINE SHEET 15

PLANS PREPARED BY  
**TRANSTECH**  
624 BRECA CANYON ROAD  
WALNUT, CA 91789  
(909) 595-8599

COASTAL RAIL TRAIL

**CITY OF ENCINITAS**

SANTA FE DRIVE TO MONTGOMERY  
COASTAL RAIL TRAIL

376-9

SHEET 14 OF 48

PROJECT NO 3455  
9302814.DWG/CF  
09.22.00

REVISIONS	DATE	SCALE	HORIZONTAL AS SHOWN	VERTICAL AS SHOWN

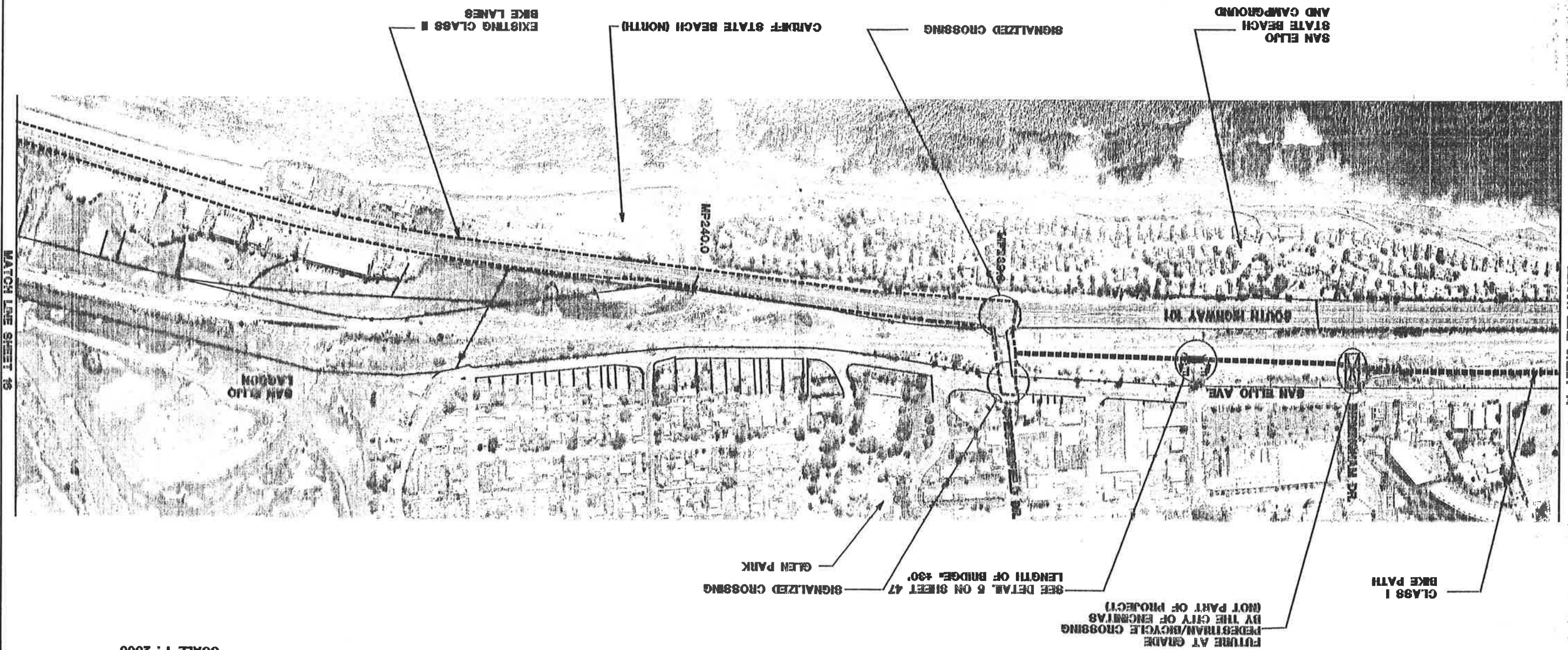
**376-9**  
**BIRMINGHAM DR TO SAN ELIJO LAGOON**  
**CITY OF ENCINITAS**  
 COASTAL RAIL TRAIL

PLANS PREPARED BY  
**TRANS TECH**  
 624 BRECA CANYON ROAD  
 VALLEJO, CA 94789  
 (909) 595-8595  
 ALL OTHER PCE 47180 ERM 12-21-03 DATE



DESCRIPTION	SYMBOL
CLASS I BIKE PATH	—————
CLASS II BIKE LANES	-----
CLASS III BIKE ROUTE	- - - - -
PEDESTRIAN TRAIL	.....
PEDESTRIAN TRAIL (UNIMPROVED)	.....
AT GRADE CROSSING	□
OVER CROSSING	⊠
BRIDGE	⊞

**LEGEND:**



CLASS I BIKE PATH

SEE DETAIL 5 ON SHEET 47  
 LENGTH OF BRIDGE: 430'

SIGNALIZED CROSSING

GLEN PARK

PEDESTRIAN/BICYCLE CROSSING  
 BY THE CITY OF ENCINITAS  
 (NOT PART OF PROJECT)

SCALE 1 : 2000

























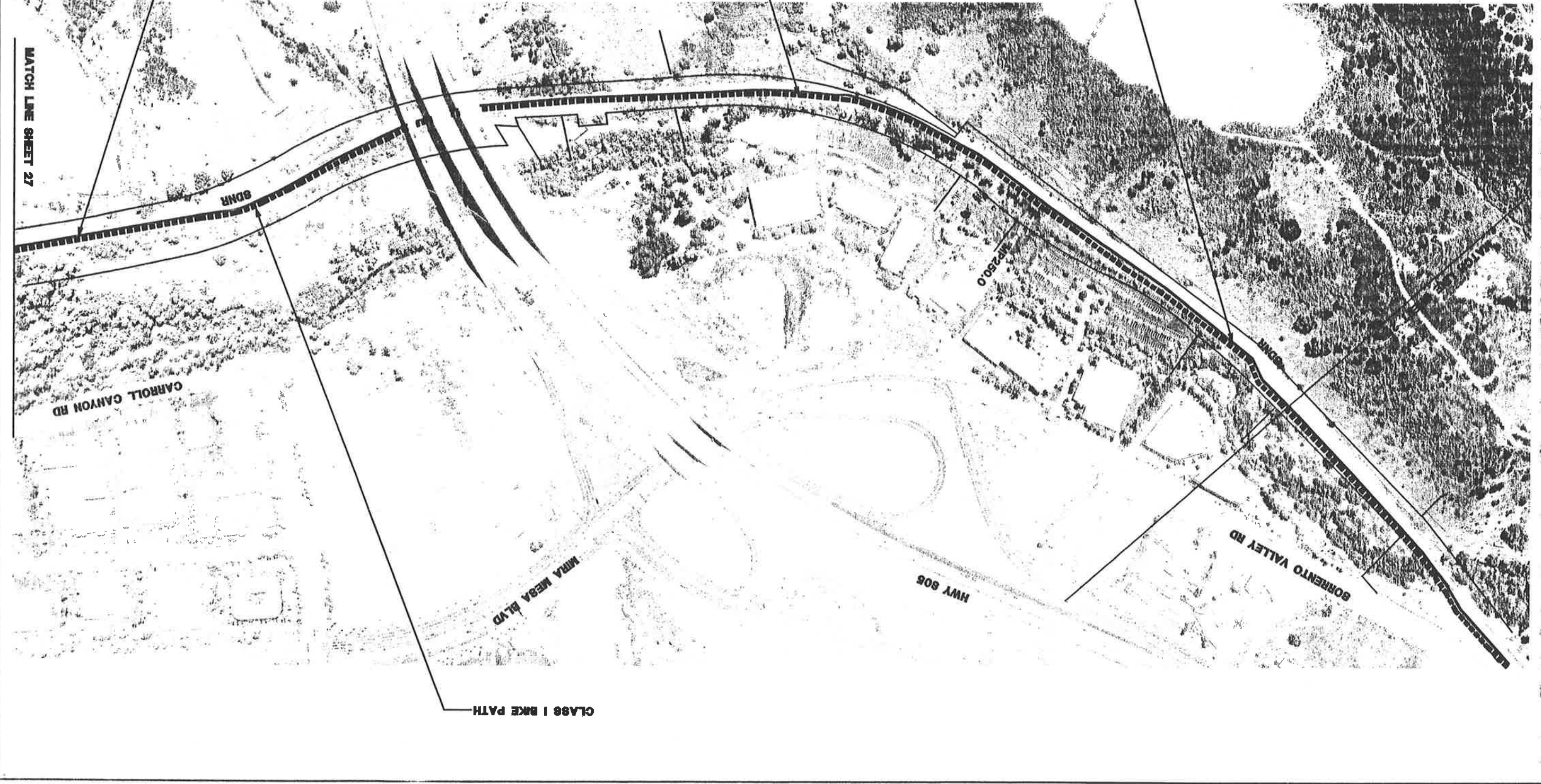


REVISIONS	DATE	SCALE

SCALE 1 : 2000



- LEGEND:**
- | DESCRIPTION                   | SYMBOL    |
|-------------------------------|-----------|
| CLASS I BIKE PATH             | —————     |
| CLASS II BIKE LANES           | - - - - - |
| CLASS III BIKE ROUTE          | - · - · - |
| PEDESTRIAN TRAIL              | —————     |
| PEDESTRIAN TRAIL (UNIMPROVED) | —————     |
| AT GRADE CROSSING             | □         |
| OVER CROSSING                 | □         |
| BRIDGE                        | □         |



CITY OF SAN DIEGO  
 SORRENTO VALLEY RD TO CARROLL CANYON RD  
 COASTAL RAIL TRAIL  
 376-9  
 SHEET 26 OF 49

PLANS PREPARED BY:  
**TRANSTECH**  
 624 BREA CANYON ROAD  
 VALHALL, CA 91789  
 (909) 595-8399  
 DATE: 11/1/02  
 ALL CIVIL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA CIVIL ENGINEERING BOARD REGULATIONS







REVISIONS	DATE	SCALE

DESCRIPTION	SYMBOL
CLASS I BIKE PATH	—————
CLASS II BIKE LANES	-----
CLASS III BIKE ROUTE	- - - - -
PEDESTRIAN TRAIL	.....
PEDESTRIAN TRAIL (UNIMPROVED)	.....
AT GRADE CROSSING	☒
OVER CROSSING	□
BRIDGE	⊞

**LEGEND:**

PROJECT NO. 8499  
01.06.10  
02/23/2010/10/13


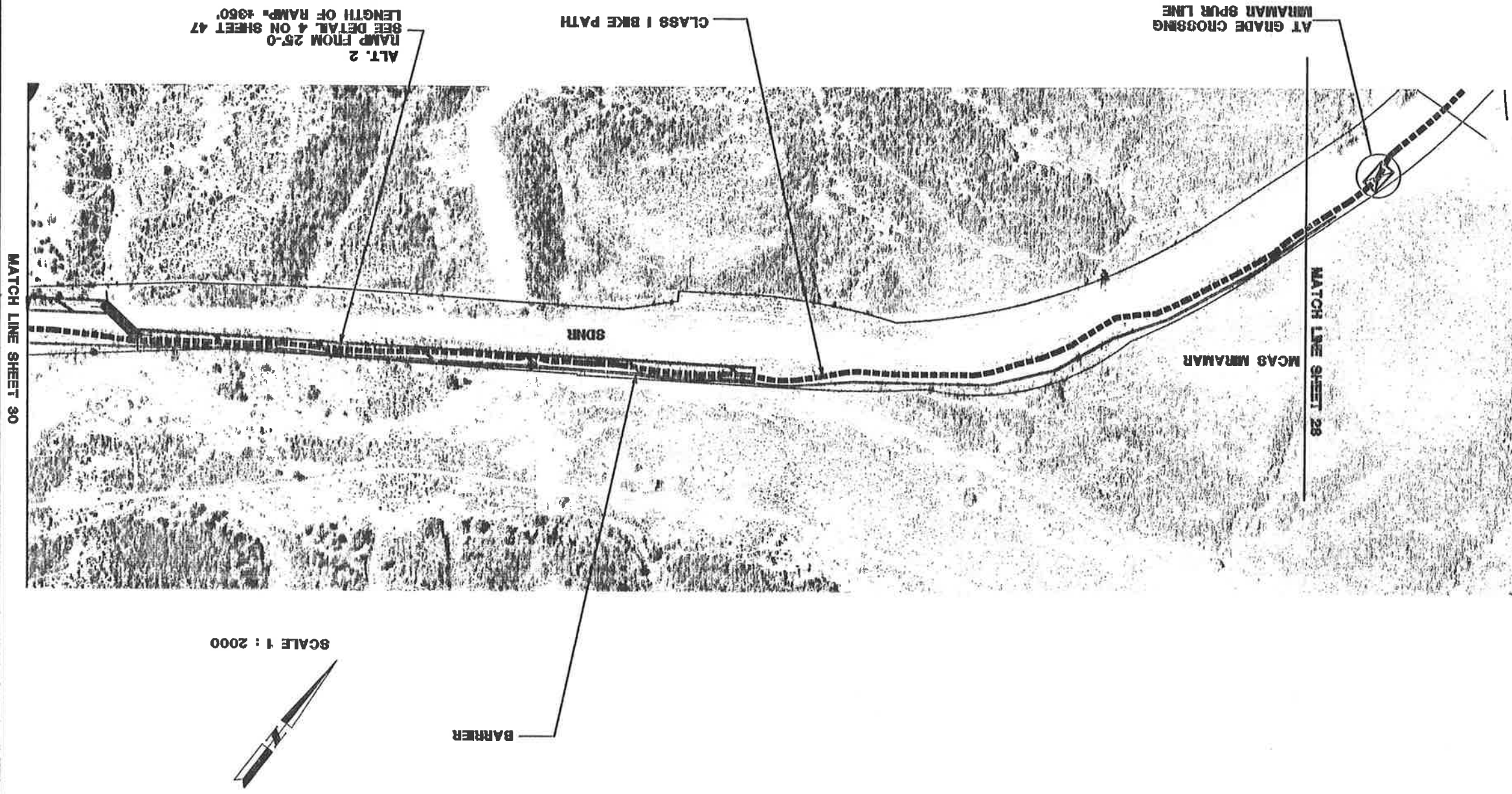
SHEET 29 OF 49

376-9

MIRAMAR MARINE CORPS AIR STATION  
COASTAL RAIL TRAIL  
CITY OF SAN DIEGO

PLANS PREPARED BY:  
**TRANSTECH**  
624 BREA CANYON ROAD  
VALNUT, CA 91789  
(909) 595-0589

ALT. CAVIR P.C.E. 47120 EXP. 12-31-03  
DATE: 9/27/07

RAMP FROM 0-25  
SEE DETAIL 4 ON SHEET 47











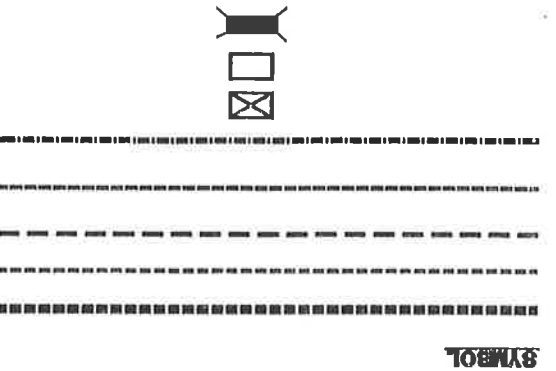






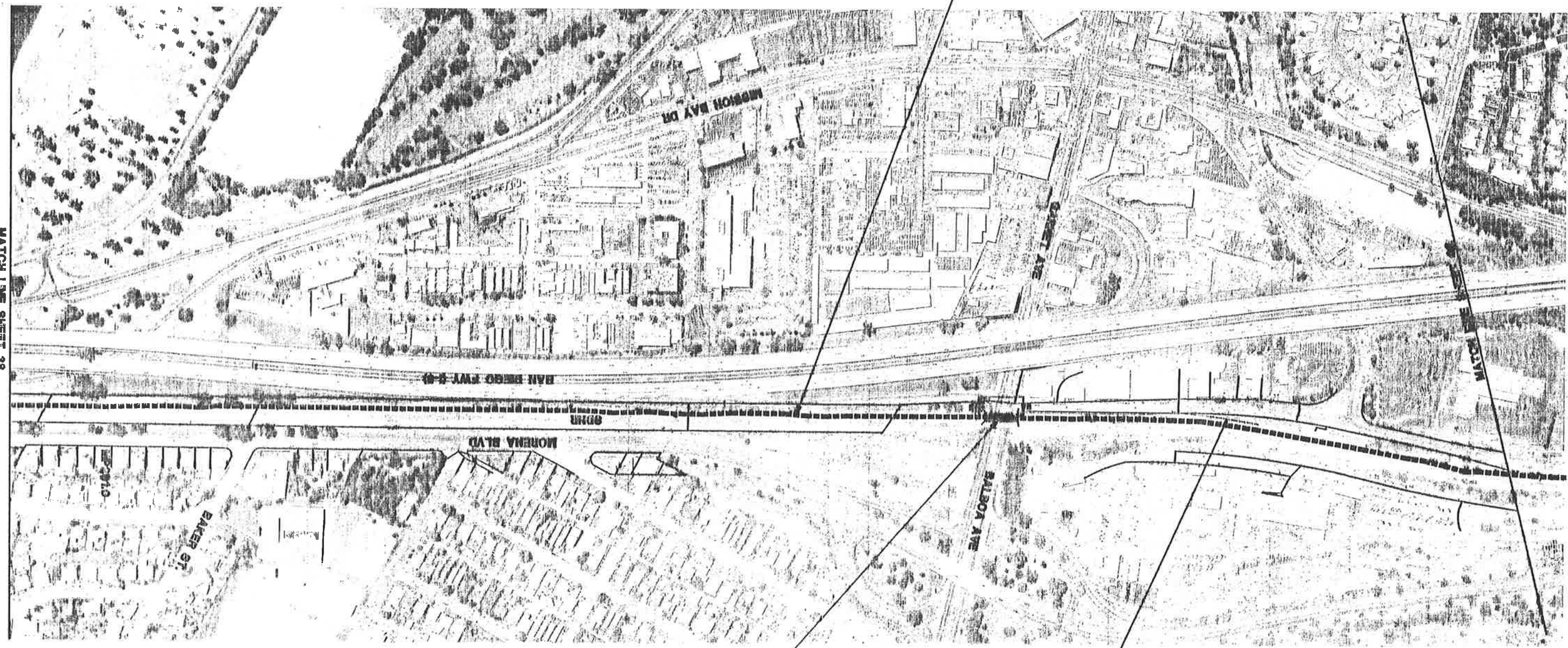
REVISIONS	DATE	SCALE

- DESCRIPTION**
- CLASS I BIKE PATH
  - CLASS II BIKE LANES
  - CLASS III BIKE ROUTE
  - PEDESTRIAN TRAIL
  - PEDESTRIAN TRAIL (UNIMPROVED)
  - AT GRADE CROSSING
  - OVER CROSSING
  - BRIDGE



**LEGEND:**

CLASS I BIKE PATH



PROPOSED  
REAR. CONC. CANTILEVER  
RETAINING WALL REQUIRED FOR FILL  
ABUTMENT 0-30' IN + 150'

PROPOSED BICYCLE BRIDGE  
SEE DETAIL 7 ON SHEET 48  
LENGTH OF BRIDGE, ±180'



SCALE 1 : 2000

PLANS PREPARED BY:  
**TRANSTECH**  
624 DREA CANYON ROAD  
WALNUT, CA 91789  
(909) 595-0599

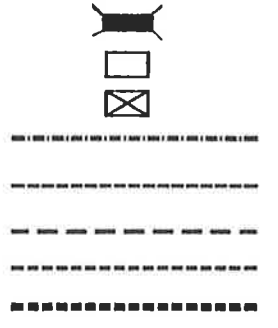
PROJECT NO. 4489  
9102837/15/18  
03 22 00

CITY OF SAN DIEGO  
COASTAL RAIL TRAIL  
AND BALBOA AVE  
COASTAL RAIL TRAIL

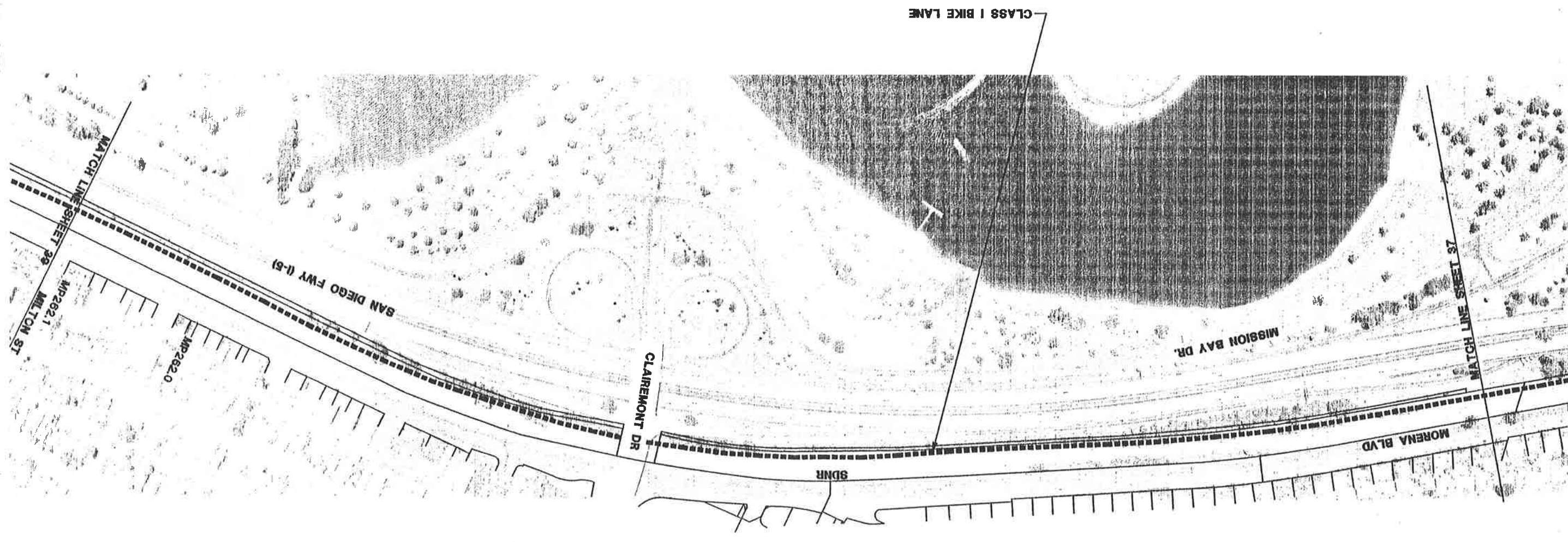
376-9  
SHEET 37 OF 48

REVISIONS	DATE	SCALE

- DESCRIPTION**
- CLASS I BIKE PATH
  - CLASS II BIKE LANES
  - CLASS III BIKE ROUTE
  - PEDESTRIAN TRAIL
  - PEDESTRIAN TRAIL (UNIMPROVED)
  - AT GRADE CROSSING
  - OVER CROSSING
  - BRIDGE



**LEGEND:**



SCALE 1 : 2000



PLANS PREPARED BY  
**TRANSTECH**  
424 SUMMIT STREET, SUITE 120  
DENVILLE, CA 92054  
(760) 721-5977



COASTAL RAIL TRAIL

ALL CIVIL PCE #128 EXP. 12-31-99 DATE

CITY OF SAN DIEGO  
MORENA BLVD  
AND MISSION BAY DR  
COASTAL RAIL TRAIL

376-9

SHEET 38 OF 45

PROJECT NO 3455

9502838 7/0/93  
07 19 98











REVISIONS	DATE	SCALE

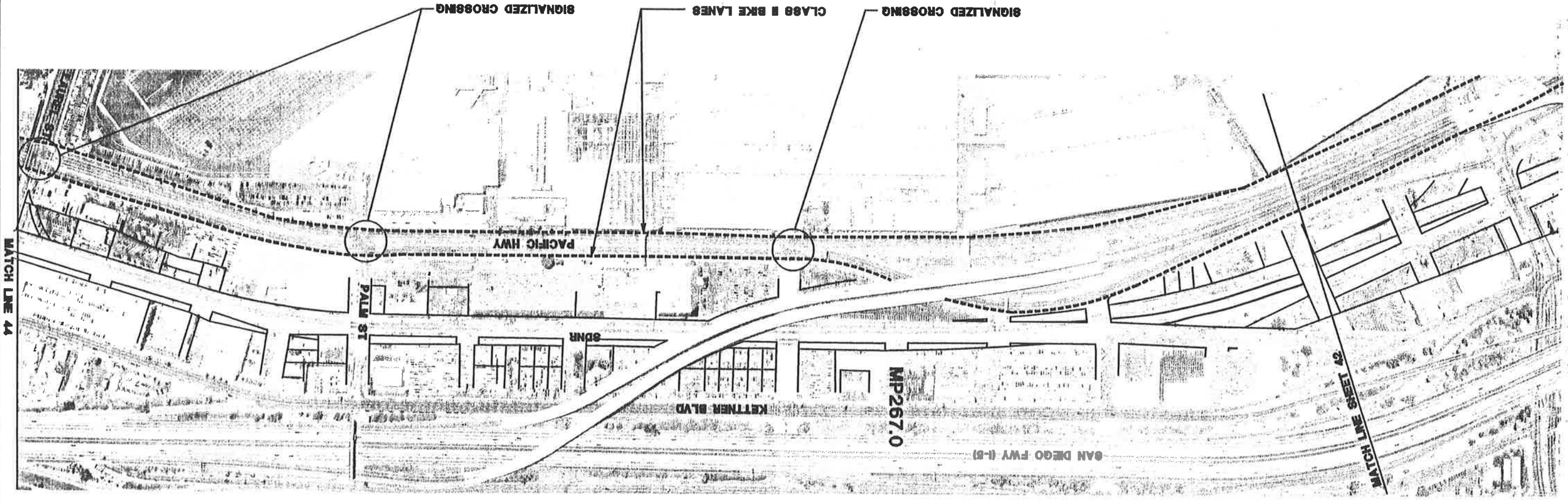
CITY OF SAN DIEGO  
 PACIFIC HWY  
 COASTAL RAIL TRAIL  
 SHEET 43 OF 48  
 376-9

PLANS PREPARED BY:  
**TRANSTECH**  
 624 BREX CANYON ROAD  
 WALNUT, CA 91789  
 (909) 595-8599  
 ALL CHAIR PLE ATTN EXP. 12-31-09 DATE  
 9/21/09



SYMBOL	DESCRIPTION
—————	CLASS I BIKE PATH
-----	CLASS II BIKE LANES
-----	CLASS III BIKE ROUTE
-----	PEDESTRIAN TRAIL
-----	PEDESTRIAN TRAIL (UNIMPROVED)
⊗	AT GRADE CROSSING
□	OVER CROSSING
▬	BRIDGE

**LEGEND:**



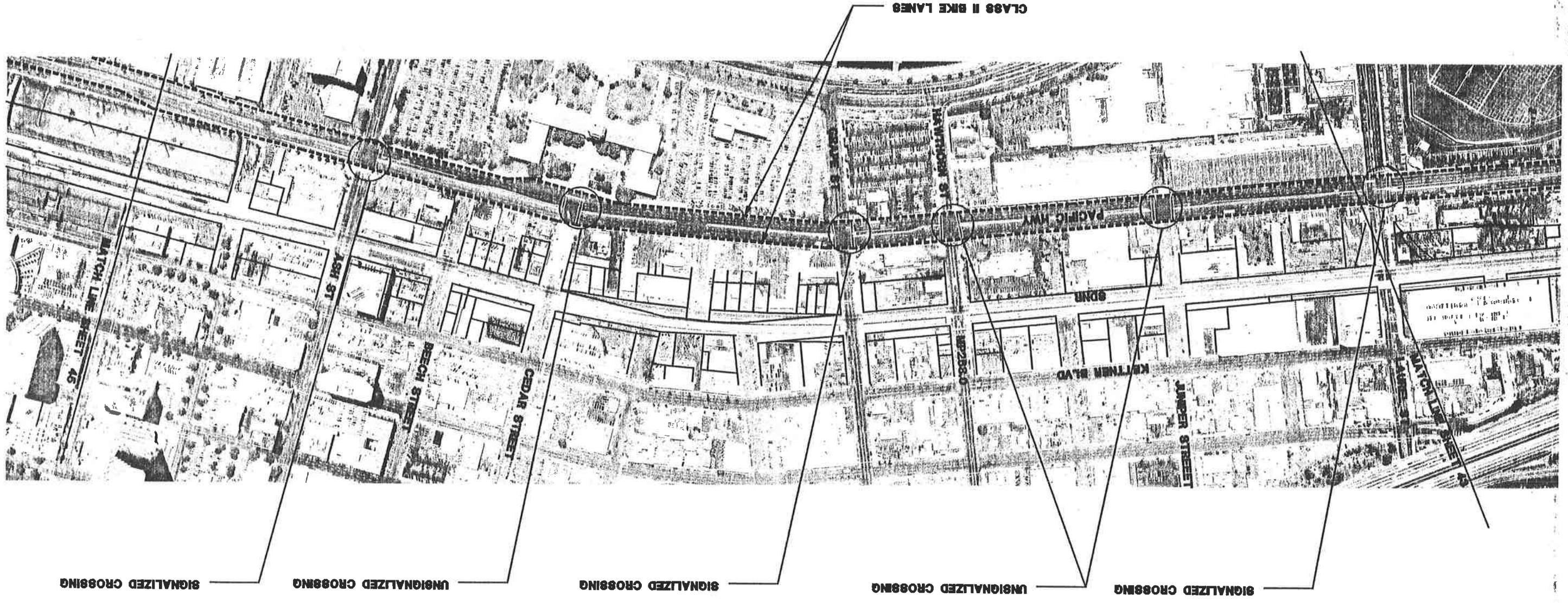
SCALE 1 : 2000



REVISIONS	DATE	SCALE

DESCRIPTION	SYMBOL
CLASS I BIKE PATH	—————
CLASS II BIKE LANES	-----
CLASS III BIKE ROUTE	- - - - -
PEDESTRIAN TRAIL	.....
PEDESTRIAN TRAIL (UNIMPROVED)	.....
AT GRADE CROSSING	□
OVER CROSSING	□
BRIDGE	⊞

**LEGEND:**



SCALE 1 : 2000



PLANS PREPARED BY: **TRANSTECH**  
 624 BREA CANYON ROAD  
 VALHUT, CA 91789  
 (909) 595-8399

DATE: 9/2/00

**CITY OF SAN DIEGO**  
 COASTAL RAIL TRAIL  
 PACIFIC HWY (DOWNTOWN)  
 COASTAL RAIL TRAIL

PROJECT NO. 3655  
 SHEET 44 OF 49  
 376-9











***PLAN AND PROFILE  
AT GRADE, SHORT TRENCH &  
LONG TRENCH OPTIONS***

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***PLAN AND PROFILE  
OCEANSIDE SIDING EXTENSION***

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