

Appendix C
Santa Ana River Trail
Paved Trail Plans

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Introduction

This Appendix covers the basic details of the proposed soft surface trail. The portion from the downstream terminus, approximately 200 feet westerly of State Route 71, to the intersection of Stagecoach Dr. and Bluff St. in Norco is shown on sheets 1 of 7 through 6 of 7. Significant portions of the trail upstream from the Stagecoach Dr. and Bluff St intersection will utilize existing equestrian trails in the City of Norco. Four small soft surface trail segments within the City will need to be developed to provide connections between the existing equestrian trails. These small sections are shown on Sheets 1 of 5 through 5 of 5. The soft surface spur trail north of the Santa Ana River from Bridge St. to Hamner Ave. contains a mixture of segments, including existing trails, trails being built by others, a segment of joint use trail, and a segment where the precise alignment is not yet known because right-of-way negotiations have not yet been accomplished. This spur trail is shown in the Master Plan documents. There are no segments along this spur where a separate soft surface trail alignment is anticipated to be built as a part of the project. Therefore, no plans for this area are included in Appendix C.

Details

The Appendix details include:

1. Notes regarding trail specifications, including material, dimensions, thickness, and base preparation.
2. The trail alignment from west of SR 71 to the intersection of Stagecoach Dr. and Bluff St. (sheets 1 of 7 through 5 of 7)
3. Alignment location from Woodward Ave. to Pedley Ave. in Norco. (sheet 6 of 7)
4. Recommended locations for the four linkages of existing equestrian trails through Norco. (sheets 1 of 5 through 5 of 5)
5. Cross sections at selected locations. (sheet 7 of 7)
6. Alignment and construction notes covering particular locations throughout the entire length of the trail.

Notes

A. The recommended soft trail setback from the paved trail is approximate, subject to change during final design and construction. Refer to Santa Ana River Trail Class 1 Bikeway Plans for detail alignment.

B. The recommended soft trail is to be constructed with decomposed granite following the specifications below.

C. SOFT TRAIL PAVEMENT GENERAL SPECIFICATIONS

Decomposed Granite:

Dimension: 10 feet wide typical, 6 feet minimum. Reduction in width to meet trail conditions must be pre-approved by the District.

Thickness: 6 inch thick typical, 4 inch thick minimum. Larger depth for low lying reaches and for joint maintenance use (see Preliminary Geotechnical Report for Recommended Paved Trail and based on site specific geotechnical information available in the final design phase).

Materials and Sources: Local pit products preferred. Samples to be submitted to the District for testing and approval. Materials are to be placed in 2 inch lifts watered in, rolled, and compacted to 95%.

All decomposed granite materials are to have a stabilizing agent and must be cured into a hard core resistant to wear and tear under the river environment.

Stabilizing agents are to be approved by the District and added by the source plant/pit.

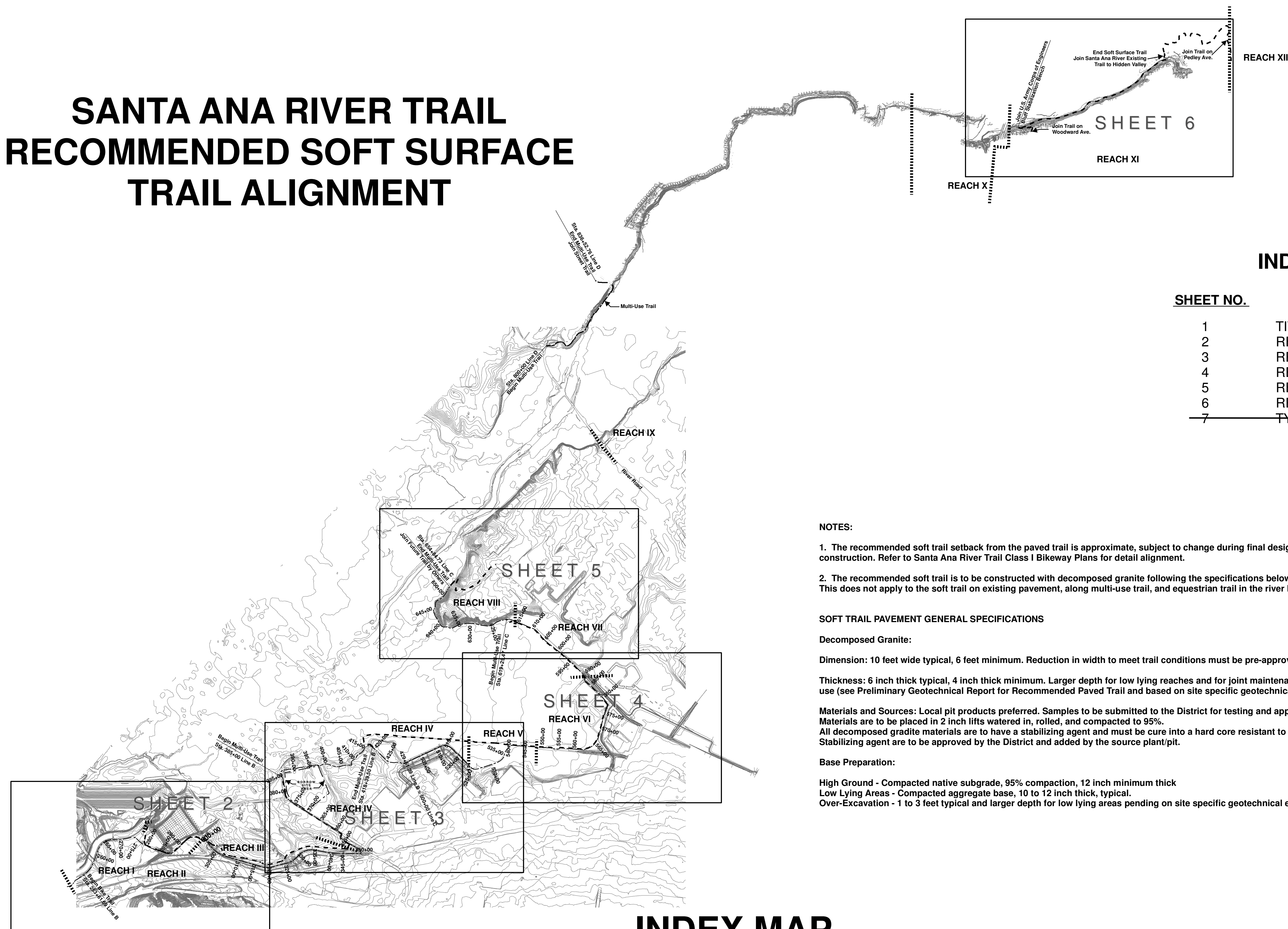
Base Preparation:

High Ground – Compacted native subgrade, 95% compaction, 12 inch minimum thick

Low Lying Areas – Compacted aggregate base, 10 to 12 inch thick, typical.

Over-Excavation – 1 to 3 feet typical and larger depth for low lying areas pending on site specific geotechnical exploration in final design.

SANTA ANA RIVER TRAIL RECOMMENDED SOFT SURFACE TRAIL ALIGNMENT



INDEX

SHEET NO.	DESCRIPTION
1	TITLE AND INDEX
2	REACH I TO REACH III
3	REACH III TO REACH V
4	REACH V TO REACH VII
5	REACH VII TO REACH VIII
6	REACH X TO REACH XII
7	TYPICAL SECTIONS

NOTES:

- The recommended soft trail setback from the paved trail is approximate, subject to change during final design and construction. Refer to Santa Ana River Trail Class I Bikeway Plans for detail alignment.
- The recommended soft trail is to be constructed with decomposed granite following the specifications below. This does not apply to the soft trail on existing pavement, along multi-use trail, and equestrian trail in the river bed. (see Legend).

SOFT TRAIL PAVEMENT GENERAL SPECIFICATIONS

Decomposed Granite:

Dimension: 10 feet wide typical, 6 feet minimum. Reduction in width to meet trail conditions must be pre-approved by the District.

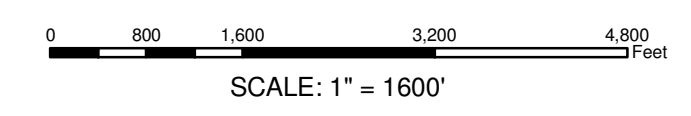
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- Over-Excavation - 1 to 3 feet typical and larger depth for low lying areas pending on site specific geotechnical exploration in final design.

INDEX MAP



LEGEND	
	Control Line (C.L.) for Recommended Paved Trail (See 35% Preliminary Design Plans for Recommended Paved Trail)
	Soft Surface Trail Center Line
	Reach Extent Lines

DESIGNED BY: JC / LW
DRAWN BY: LB / LJ
DATE DRAWN: April 2011

PREPARED BY:

WRC Consulting Services Inc.
 1600 E. Garry Ave Suite 213
 Santa Ana, CA 92705
 Tel: (949) 833-8388
 Fax: (949) 833-8388

LAN WEBER
 ENGINEER, RCE 35894

6-30-11
 DATE:



PREPARED FOR:
 COUNTY OF RIVERSIDE
 REGIONAL PARKS AND OPEN SPACE DISTRICT
 4600 Crestmore Road, Riverside CA, 92509

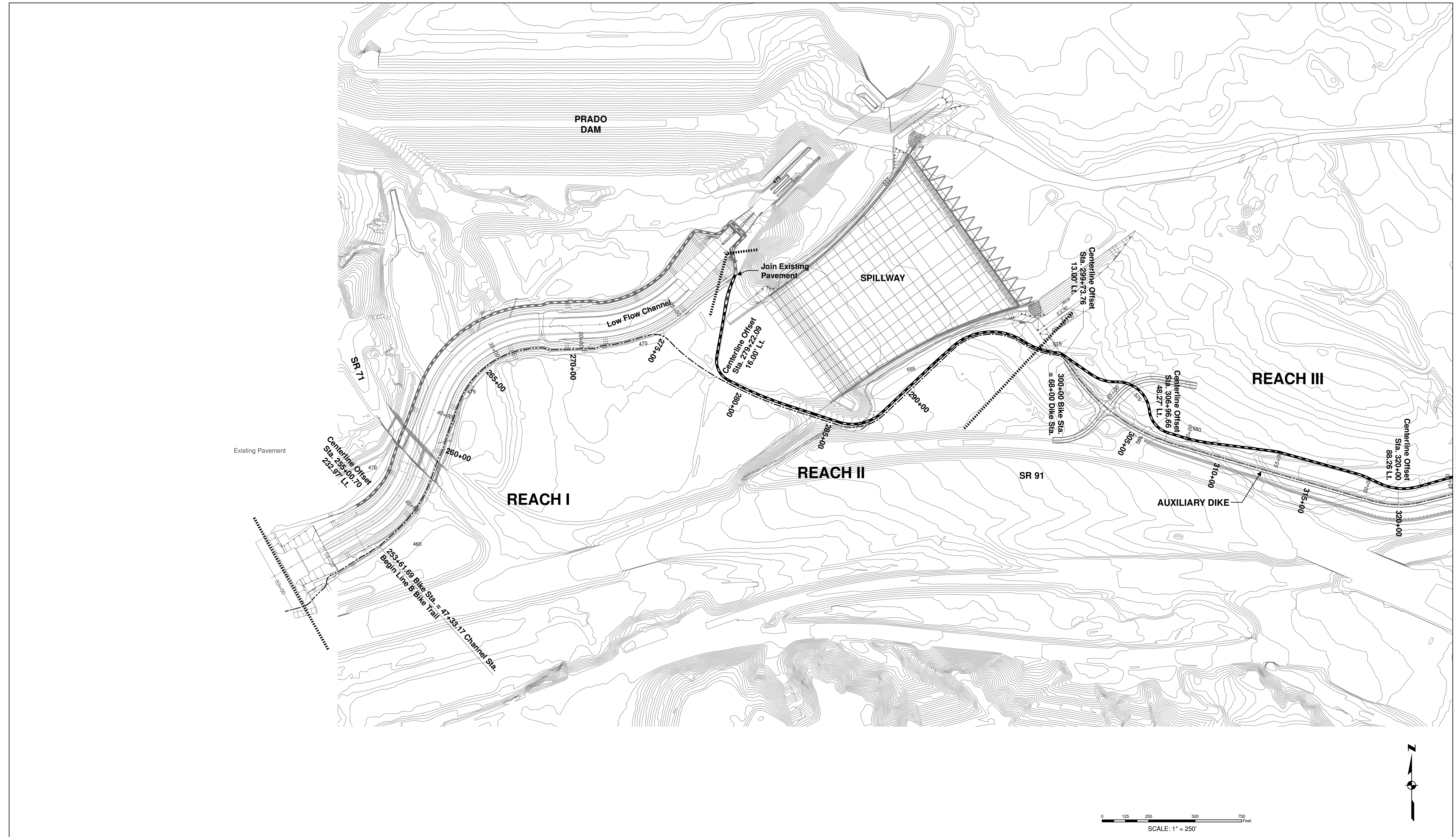
CITY OF NORCO
 2870 Clark Avenue, Norco, CA 92860

CITY OF CORONA
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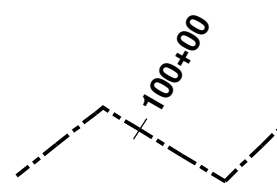
SANTA ANA RIVER TRAIL
 RECOMMENDED SOFT SURFACE
 TRAIL ALIGNMENT

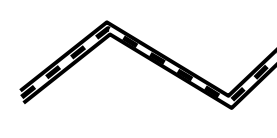
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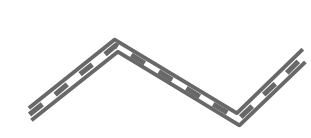
PROJECT NO. 0-0-0000
DRAWING NO. W-XYZ
SHEET NO. 1 OF 7

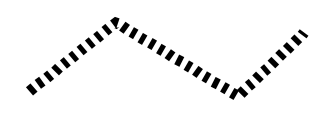


LEGEND

 Control Line (C.L.) for Recommended Paved Trail
(See 35% Preliminary Design Plans for Recommended Paved Trail)

 Soft Surface Trail (width = 10' unless otherwise noted)

 Existing Pavement

 Reach Extent Lines

DESIGNED BY:
JC / LW

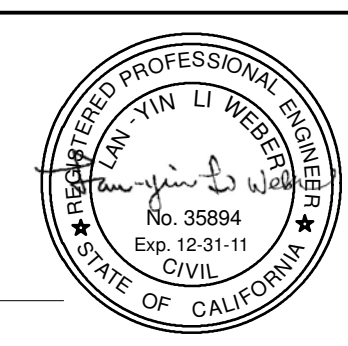
DRAWN BY:
LB / LJ

DATE DRAWN:
April 2011

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CITY OF CORONA
400 S. Vicentia Avenue Corona CA 92882

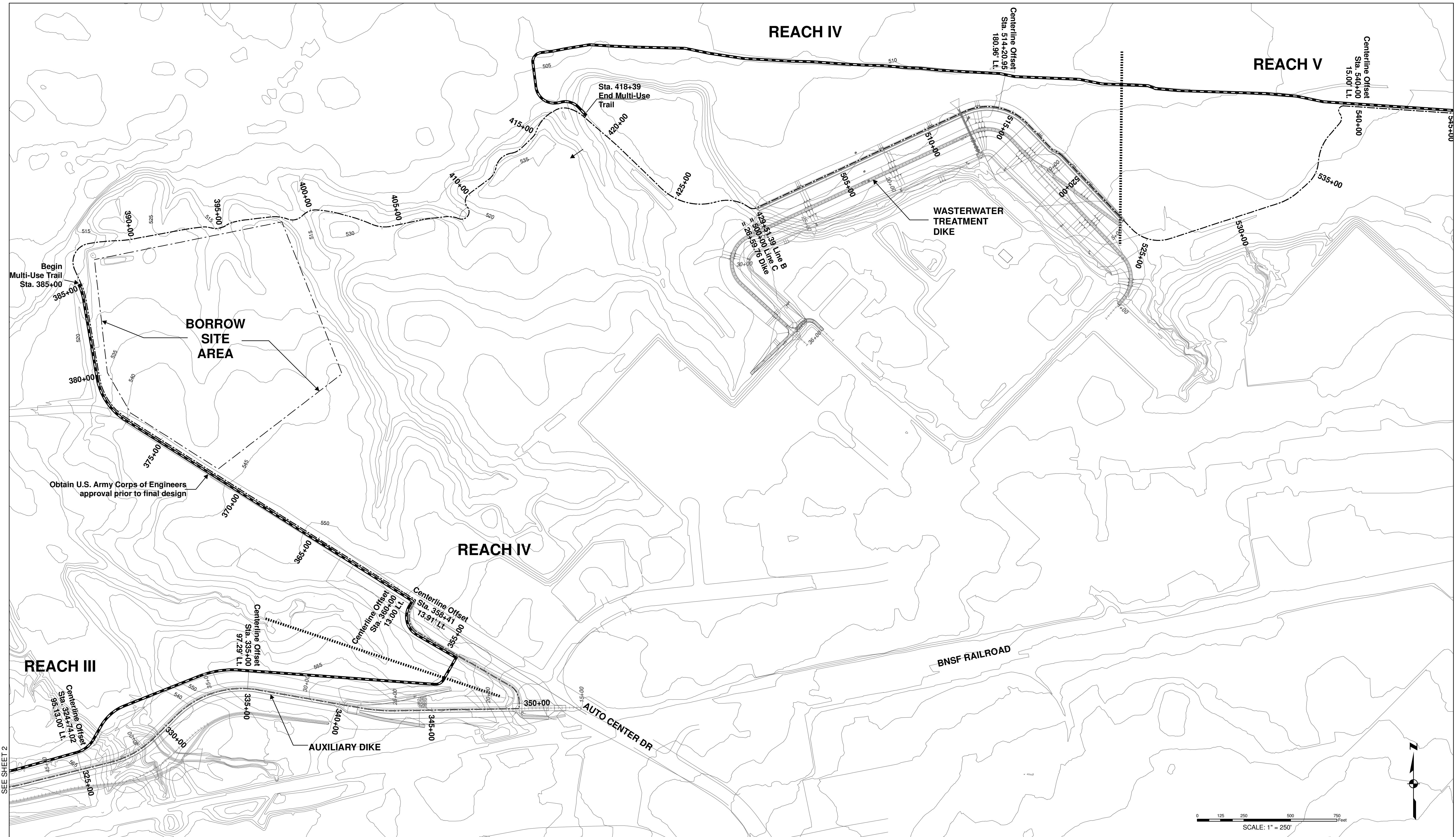
SANTA ANA RIVER TRAIL
RECOMMENDED SOFT SURFACE
TRAIL ALIGNMENT
REACH I TO REACH III

PROJECT NO. _____

DRAWING NO. _____

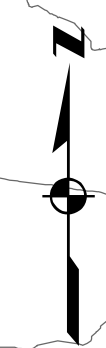
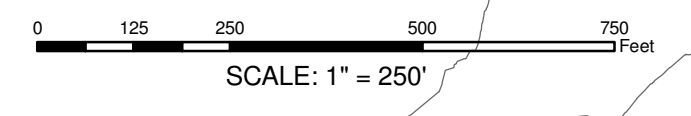
SHEET NO. **2** OF **7**

SEE SHEET 3



SEE SHEET 2

SEE SHEET 4



LEGEND	
	Control Line (C.L.) for Recommended Paved Trail (See 35% Preliminary Design Plans for Recommended Paved Trail)
	Soft Surface Trail (width = 10' unless otherwise noted)
	Reach Extent Lines

DESIGNED BY: JC / LW
DRAWN BY: LB / LJ
DATE DRAWN: April 2011

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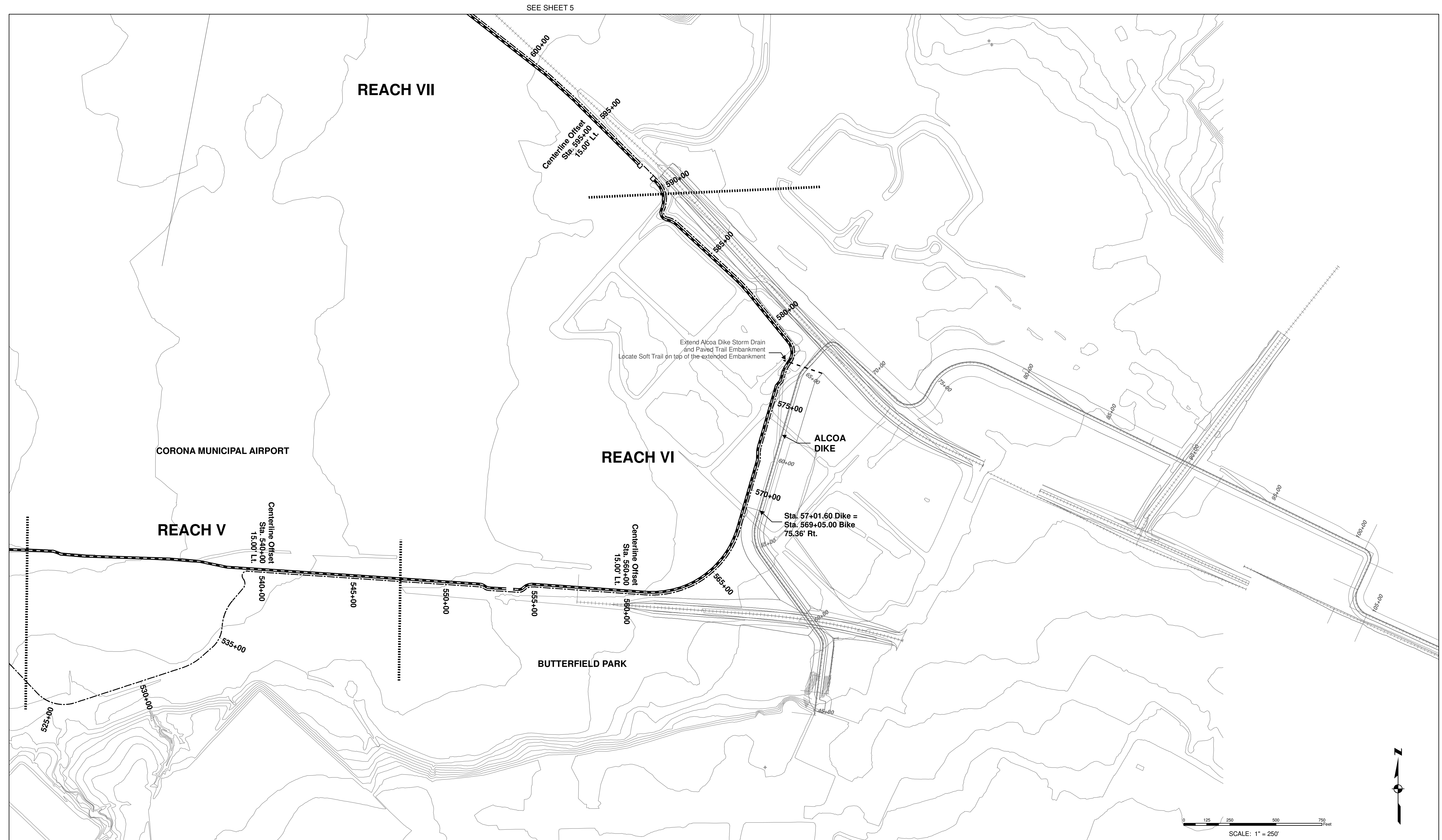
6-30-11
DATE:



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 2870 Clark Avenue Norco, CA 92860
 CITY OF CORONA
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SANTA ANA RIVER TRAIL
 RECOMMENDED SOFT SURFACE
 TRAIL ALIGNMENT
REACH III TO REACH V

PROJECT NO.
DRAWING NO.
SHEET NO. 3 OF 7



SEE SHEET 5

REACH VII

CORONA MUNICIPAL AIRPORT

REACH V

REACH VI

BUTTERFIELD PARK

ALCOA DIKE

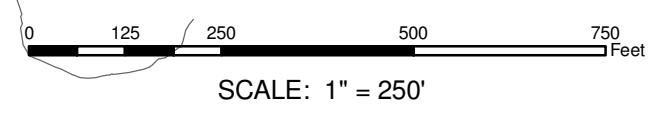
Centerline Offset
Sta. 560+00
15.00' Lt.

Centerline Offset
Sta. 540+00
15.00' Lt.

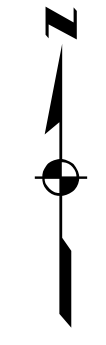
Centerline Offset
Sta. 595+00
15.00' Lt.

Extend Alcoa Dike Storm Drain
and Paved Trail Embankment
Locate Soft Trail on top of the extended Embankment

Sta. 57+01.60 Dike =
Sta. 569+05.00 Bike
75.36' Rt.



SCALE: 1" = 250'



LEGEND	
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	Soft Surface Trail (width = 10' unless otherwise noted)
	Reach Extent Lines

DESIGNED BY: JC / LW
DRAWN BY: LB / LJ
DATE DRAWN: April 2011

PREPARED BY:

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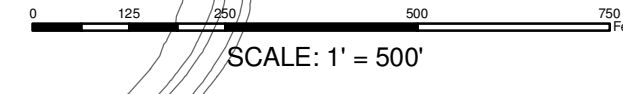
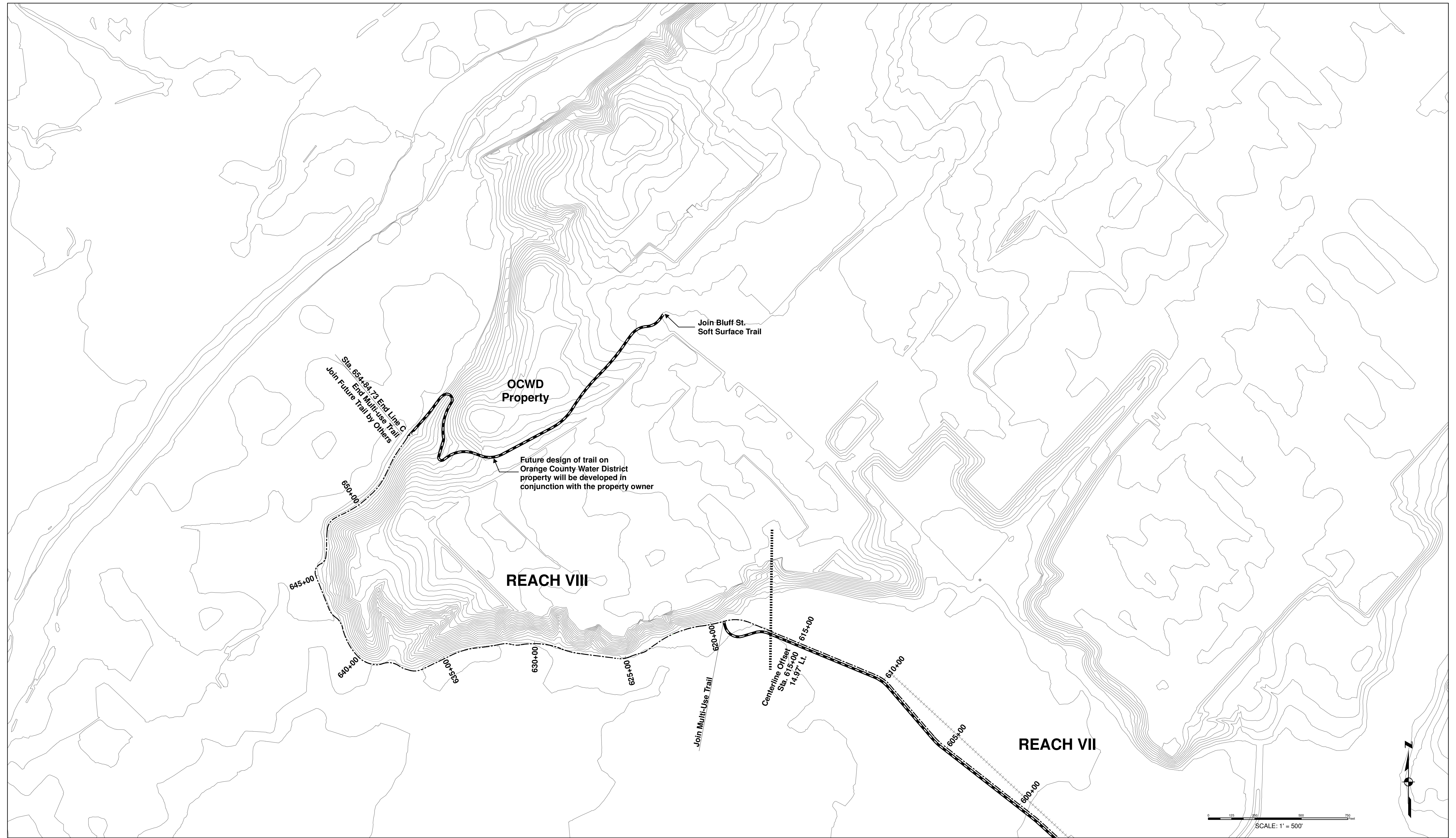
LAN WEBER,
ENGINEER, RCE 35894

6-30-11
DATE:



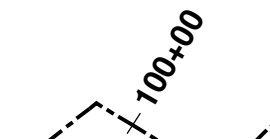
PREPARED FOR:
 COUNTY OF RIVERSIDE
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 4600 Crestmore Road, Riverside, CA 92509
 CITY OF NORCO
 2870 Clark Avenue Norco, CA 92860
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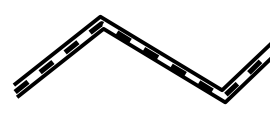
SANTA ANA RIVER TRAIL RECOMMENDED SOFT SURFACE TRAIL ALIGNMENT REACH V TO REACH VII	PROJECT NO.
	DRAWING NO.
	SHEET NO. 4 OF 7

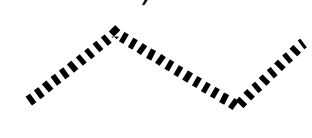


SEE SHEET 4

LEGEND

 Control Line (C.L.) for Recommended Paved Trail
(See 35% Preliminary Design Plans for Recommended Paved Trail)

 Soft Surface Trail (width = 10' unless otherwise noted)

 Reach Extent Lines

DESIGNED BY:
JC / LW

DRAWN BY:
LB / LJ

DATE DRAWN:
April 2011

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6-30-11
DATE



PREPARED FOR:
COUNTY OF RIVERSIDE
REGIONAL PARKS AND OPEN SPACE DISTRICT
4000 Crestmore Road, Riverside, CA 92509

CITY OF NORCO
2870 Clark Avenue Norco, CA 92860

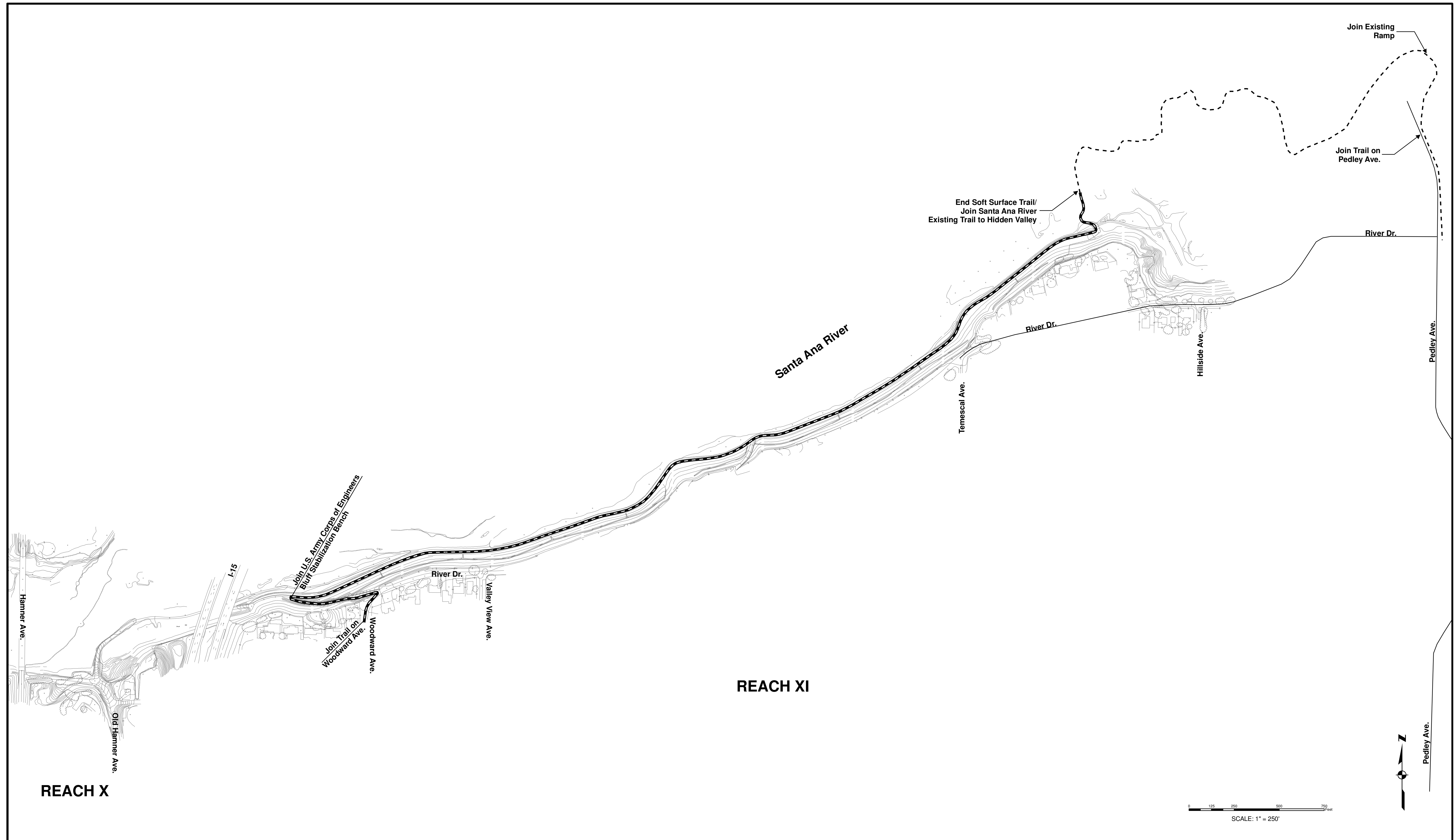
CITY OF CORONA
400 S. Vicentia Avenue Corona CA 92882

**SANTA ANA RIVER TRAIL
RECOMMENDED SOFT SURFACE
TRAIL ALIGNMENT
REACH VII TO REACH VIII**

PROJECT NO. _____

DRAWING NO. _____

SHEET NO. **5** OF **7**



REACH X

REACH XI

LEGEND	
	Control Line (C.L.) for Recommended Paved Trail (See 35% Preliminary Design Plans for Recommended Paved Trail)
	Soft Surface Trail Center Line
	Reach Extent Lines

DESIGNED BY: JC / LW
DRAWN BY: LB / LJ
DATE DRAWN: April 2011

PREPARED BY:

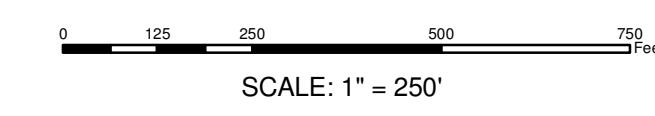
WRC Consulting Services Inc.
 1600 E. Garry Ave Suite 213
 Santa Ana, CA 92705
 Tel: (949) 833-8388
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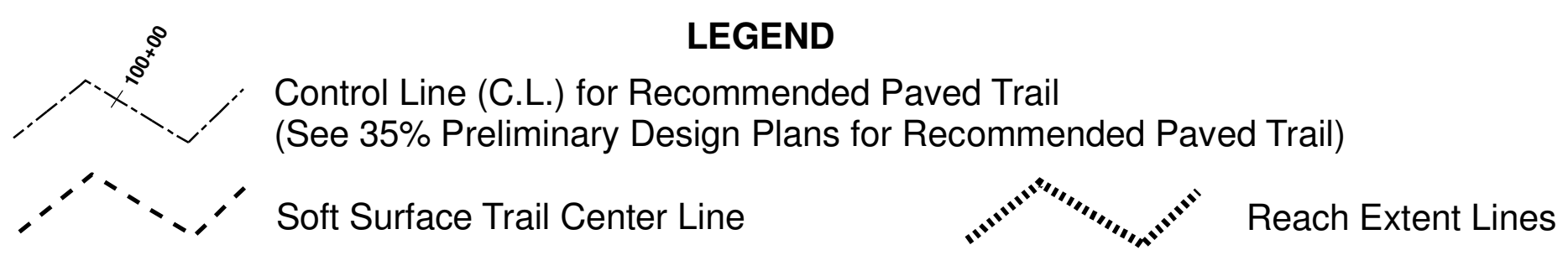
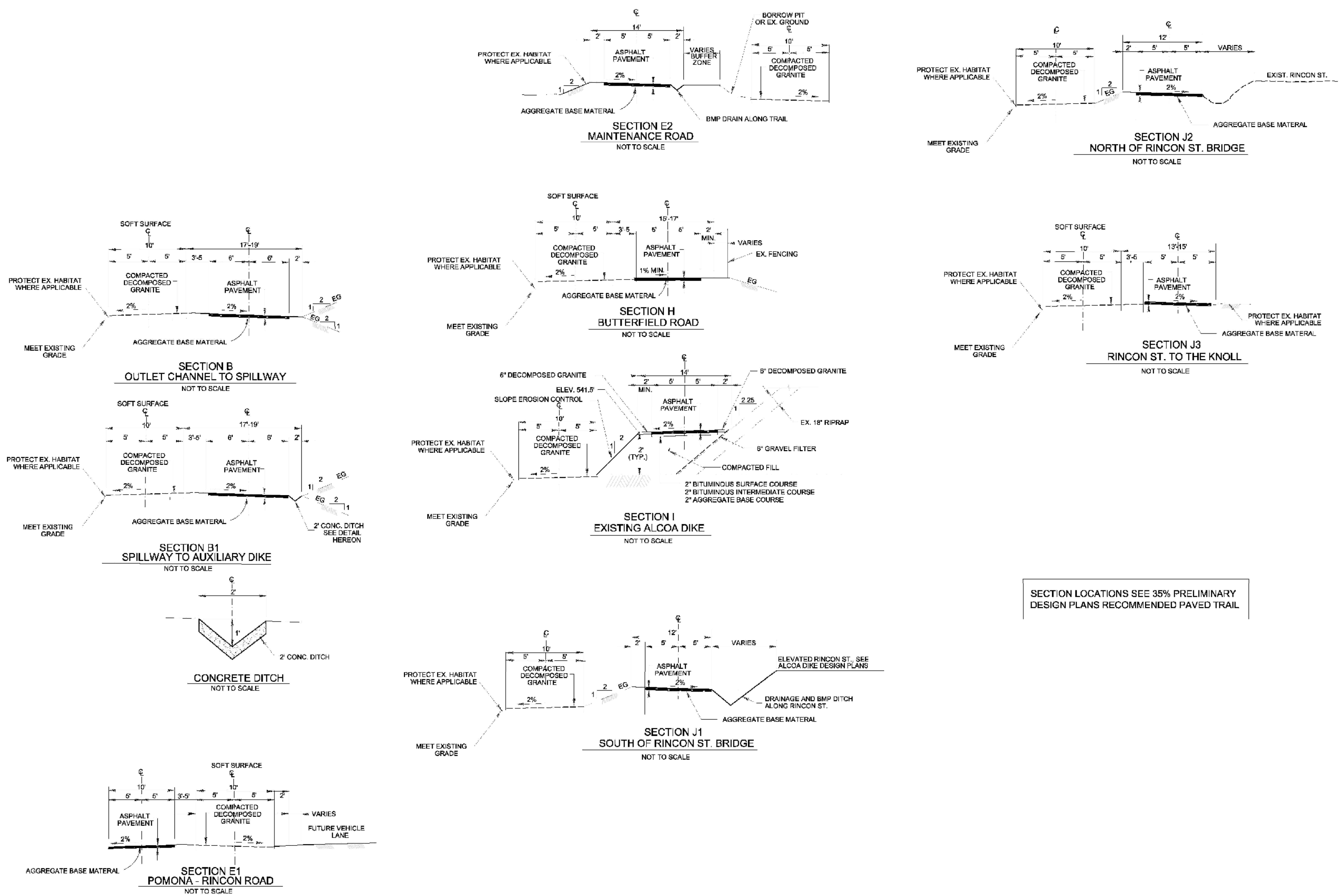


PREPARED FOR:
 COUNTY OF RIVERSIDE
 REGIONAL PARKS AND OPEN SPACE DISTRICT
 4600 Crestmore Road, Riverside CA, 92509
 CITY OF NORCO
 2870 Clark Avenue, Norco, CA 92860
 CITY OF CORONA
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SANTA ANA RIVER TRAIL
 RECOMMENDED SOFT SURFACE
 TRAIL ALIGNMENT
 REACH X TO REACH XII

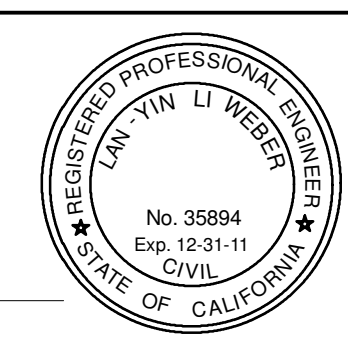
PROJECT NO.
DRAWING NO.
SHEET NO. 6 OF 7





DESIGNED BY:
JC/LW
DRAWN BY:
LB/LJ
DATE DRAWN:
April 2011

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ENGINEER, RCE 35894



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REGIONAL PARKS AND OPEN SPACE DISTRICT
4600 Crestmore Road, Riverside CA 92509
CITY OF NORCO
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CITY OF CORONA
400 S. Vicentia Avenue, Corona CA 92882

SANTA ANA RIVER TRAIL
RECOMMENDED SOFT SURFACE
TRAIL ALIGNMENT
TYPICAL CROSS SECTIONS

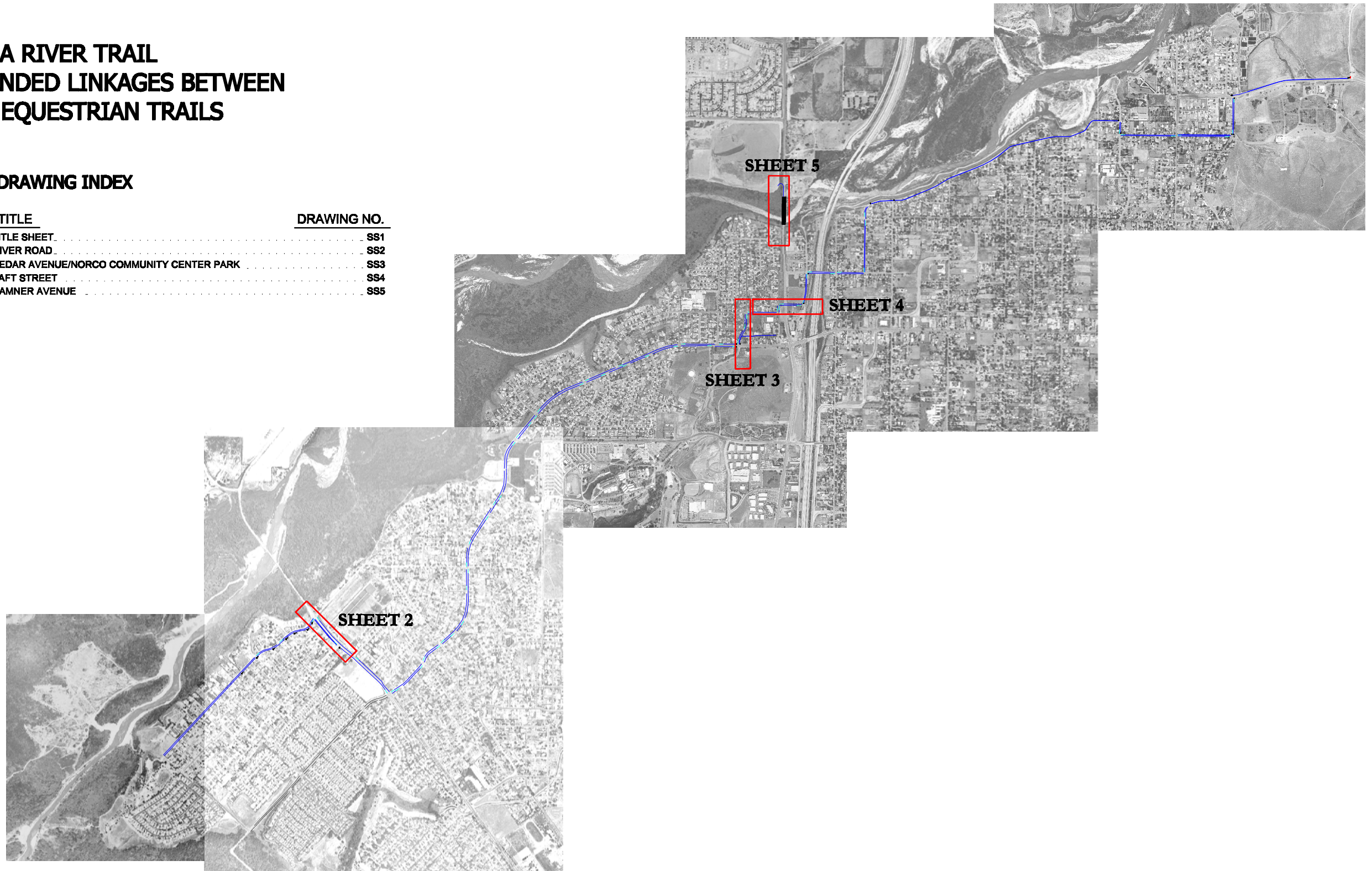
PROJECT NO.
DRAWING NO.
SHEET NO.
7 OF 7

SECTION LOCATIONS SEE 35% PRELIMINARY DESIGN PLANS RECOMMENDED PAVED TRAIL

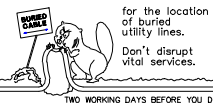
SANTA ANA RIVER TRAIL RECOMMENDED LINKAGES BETWEEN EXISTING EQUESTRIAN TRAILS

DRAWING INDEX

SHEET NO.	TITLE	DRAWING NO.
1	TITLE SHEET	SS1
2	RIVER ROAD	SS2
3	CEDAR AVENUE/NORCO COMMUNITY CENTER PARK	SS3
4	TAFT STREET	SS4
5	HAMNER AVENUE	SS5



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HORIZONTAL CONTROL
2006 AERIAL PHOTOS ON
THESE PLANS ARE IN NAD27
COORDINATE SYSTEM

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY:
LW
DRAWN BY:
LB
DATE DRAWN:
DEC 2009

APPROVED BY:
WRC Consultant Services Inc.
1800 E. Garry Ave Suite 213
Santa Ana, CA 92705
Tel: (949) 833-8368
Fax: (949) 833-8380
LAN WEBER,
ENGINEER, RCE 35894

1-21-10
DATE:



COUNTY OF RIVERSIDE
REGIONAL PARKS AND OPEN SPACE DISTRICT
APPROVED BY:

SCOTT BANGLE, GENERAL MANAGER DATE: _____

RECOMMENDED DATE: _____

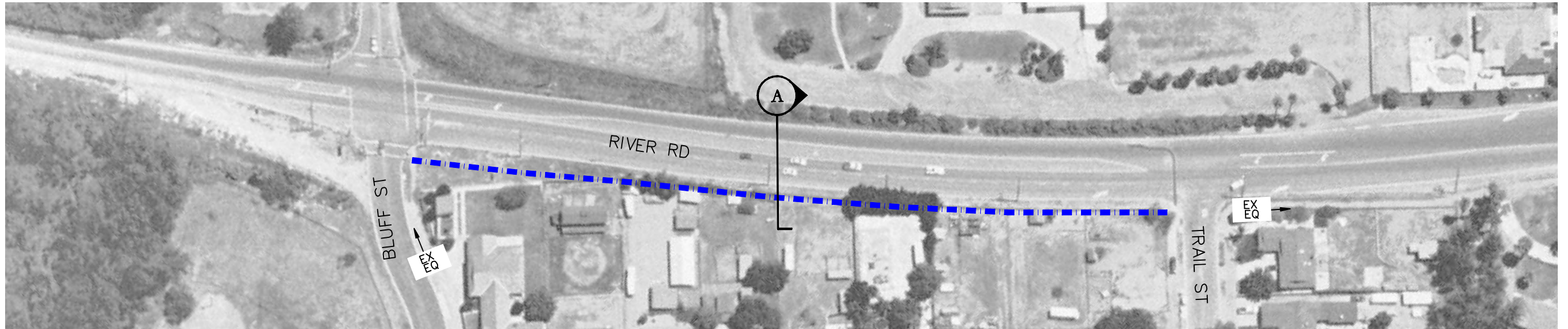
CITY OF NORCO
2870 Clark Avenue Norco, CA 92860
APPROVED BY:

WILLIAM R. THOMPSON
Director of Public Work DATE: _____

BRIAN PETREE
Director of Parks, Rec. & Community Services DATE: _____

**SANTA ANA RIVER TRAIL
SOFT SURFACE TRAIL**
TITLE SHEET

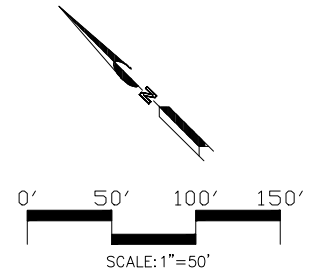
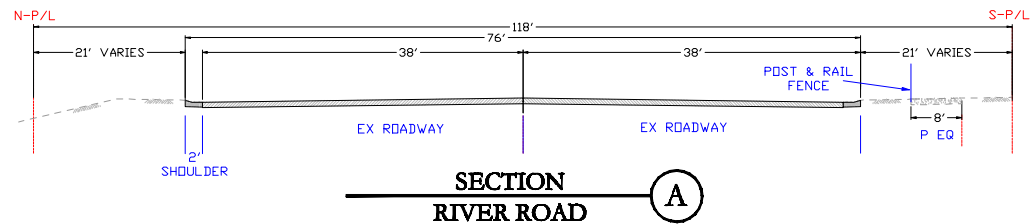
PROJECT NO.
DRAWING NO.
SS1
SHEET NO.
1 OF 5



RIVER ROAD

LEGEND

.....	EX RL	EXISTING BIKE LANE
.....	EX RL	EXISTING BIKE LANE AT INTERSECTION
-----	P RL	PROPOSED BIKE LANE SEE DETAIL SHEETS
-----	P RL	PROPOSED BIKE LANE AT INTERSECTION
-----		BIKE PATH
-----		STOP SIGN AND MARKING PER DETAIL SHEETS
-----	EX BQ	EXISTING EQUESTRIAN
-----	EF	EXISTING SPLIT-RAIL FENCE MAY REQUIRE RELOCATE
-----	FUT	FUTURE PARKING / EQUESTRIAN TO BE DETERMINED
-----	TL	TRAVEL LANE
-----	PKNG	PARKING
-----	C&G	CURB AND GUTTER
-----	PROP. PAVT	PAVEMENT MAY BE REQUIRED
-----	RL	PROPOSED BIKE LANE
-----	RL	PROPOSED SOFT SURFACE TRAIL



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REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY:
LW
DRAWN BY:
LB
DATE DRAWN:
DEC 2009

APPROVED BY:
WRC Consultant Services Inc.
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LAN WEBER,
ENGINEER, RCE 35894



COUNTY OF RIVERSIDE
REGIONAL PARKS AND OPEN SPACE DISTRICT
APPROVED BY:
SCOTT BANGLE, GENERAL MANAGER
DATE: _____
RECOMMENDED
DATE: _____

CITY OF NORCO
2870 Clark Avenue Norco, CA 92860
APPROVED BY:
WILLIAM R. THOMPSON
Director of Public Work
DATE: _____
BRIAN PETREE
Director of Parks, Rec. & Community Services
DATE: _____

**SANTA ANA RIVER TRAIL
SOFT SURFACE TRAIL
RIVER ROAD**

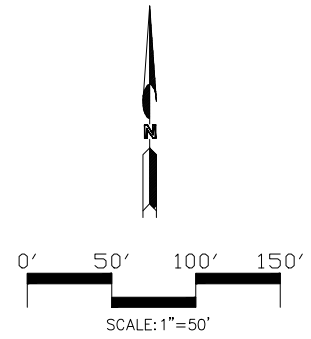
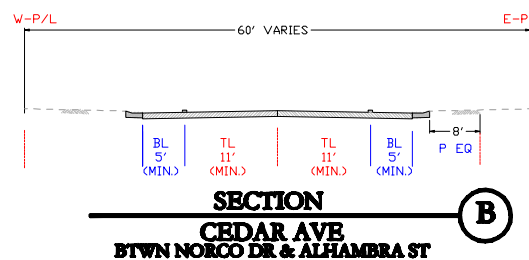
PROJECT NO.	
DRAWING NO.	SS2
SHEET NO.	2 OF 5



CEDAR AVENUE/NORCO COMMUNITY CENTER PARK

LEGEND

- EX BL EXISTING BIKE LANE
- EX BL EXISTING BIKE LANE AT INTERSECTION
- P BL PROPOSED BIKE LANE SEE DETAIL SHEETS
- P BL PROPOSED BIKE LANE AT INTERSECTION
- → BIKE PATH
- STOP SIGN AND MARKING PER DETAIL SHEETS
- EX EQ EXISTING EQUESTRIAN
- EF EXISTING SPLIT-RAIL FENCE MAY REQUIRE RELOCATE
- FUT FUTURE PARKING / EQUESTRIAN TO BE DETERMINED
- TL TRAVEL LANE
- PKNG PARKING
- C&G CURB AND GUTTER
- PROP. PAVT PAVEMENT MAY BE REQUIRED
- BL PROPOSED BIKE LANE
- BL PROPOSED SOFT SURFACE TRAIL



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THESE PLANS ARE IN NAD27
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DESIGNED BY:
LW
DRAWN BY:
LB
DATE DRAWN:
DEC 2009

APPROVED BY:
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LAN WEBER,
ENGINEER, RCE 35894

1-21-10
DATE:

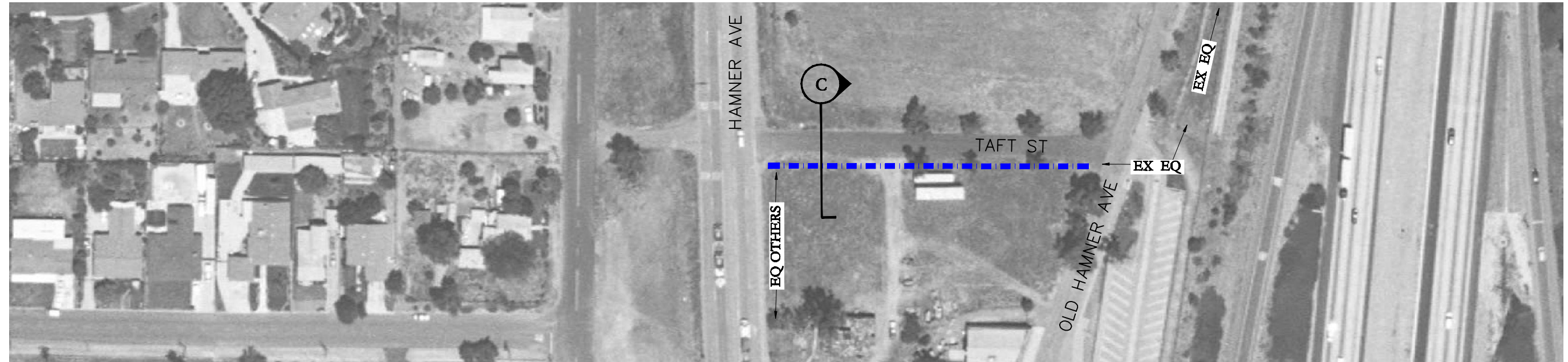


COUNTY OF RIVERSIDE
REGIONAL PARKS AND OPEN SPACE DISTRICT
APPROVED BY:
SCOTT BANGLE, GENERAL MANAGER
RECOMMENDED

CITY OF NORCO
2870 Clark Avenue Norco, CA 92860
APPROVED BY:
WILLIAM R. THOMPSON
Director of Public Work
BRIAN PETREE
Director of Parks, Rec. & Community Services

SANTA ANA RIVER TRAIL
SOFT SURFACE TRAIL
CEDAR AVENUE/NORCO
COMMUNITY CENTER PARK

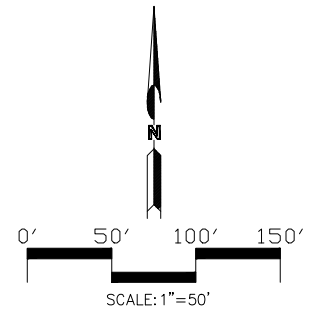
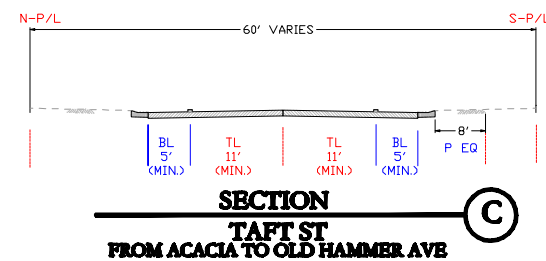
PROJECT NO.
DRAWING NO.
SS3
SHEET NO.
3 OF 5



TAFT STREET

LEGEND

.....	EX BL	EXISTING BIKE LANE
.....	EX BL	EXISTING BIKE LANE AT INTERSECTION
-----	P BL	PROPOSED BIKE LANE SEE DETAIL SHEET'S
-----	P BL	PROPOSED BIKE LANE AT INTERSECTION
-----		BIKE PATH
-----		STOP SIGN AND MARKING PER DETAIL SHEET'S
-----	EX EQ	EXISTING EQUESTRIAN
-----	EF	EXISTING SPLIT-RAIL FENCE MAY REQUIRE RELOCATE
-----	FUT	FUTURE PARKING / EQUESTRIAN TO BE DETERMINED
-----	TL	TRAVEL LANE
-----	PKNG	PARKING
-----	C&G	CURB AND GUTTER
-----	PROP. PAVT	PAVEMENT MAY BE REQUIRED
-----	BL	PROPOSED BIKE LANE
-----	EQ OTHERS	EQUESTRIAN TRAIL TO BE BUILT BY OTHERS THIS AREA



Don't Dig...Until You Call U.S.A. Toll Free 1-800-227-2600 for the location of buried utility lines. Don't disrupt vital services. TWO WORKING DAYS BEFORE YOU DIG

HORIZONTAL CONTROL
2006 AERIAL PHOTOS ON THESE PLANS ARE IN NAD27 COORDINATE SYSTEM

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY: LW
DRAWN BY: LB
DATE DRAWN: DEC 2009

APPROVED BY: WRC Consultant Services Inc. 1800 E. Garry Ave Suite 213 Santa Ana, CA 92705 Tel: (949) 833-8368 Fax: (949) 833-8380
LAN WEBER, ENGINEER, RCE 35894

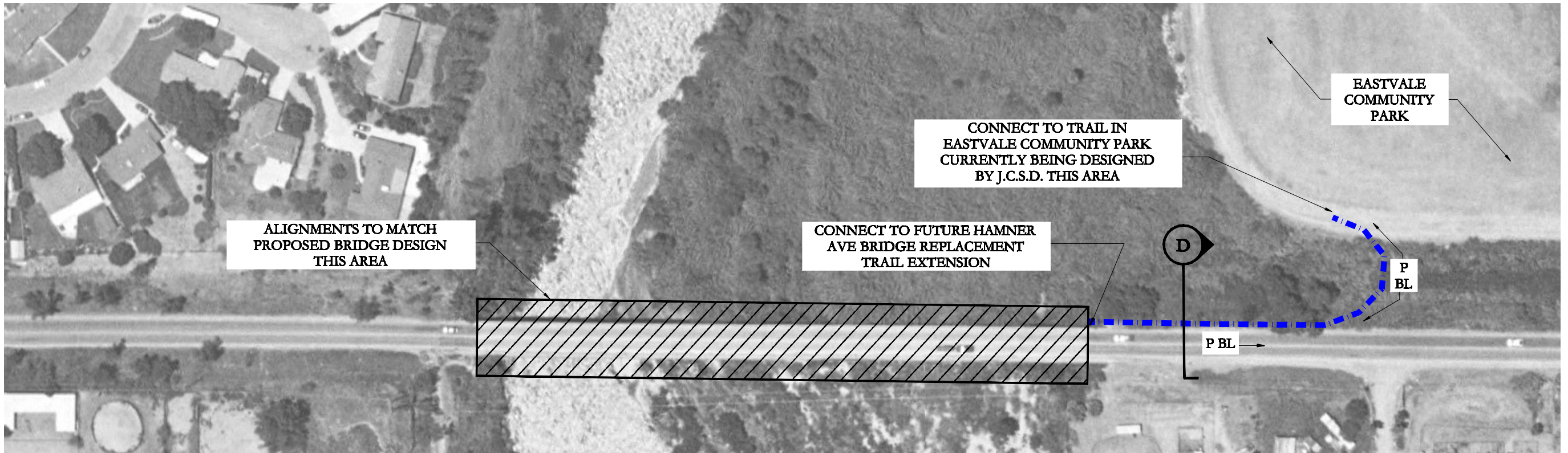
1-21-10
DATE: [Professional Engineer Seal for Lan Weber, License No. 35894, State of California]

COUNTY OF RIVERSIDE REGIONAL PARKS AND OPEN SPACE DISTRICT
APPROVED BY: SCOTT BANGLE, GENERAL MANAGER
DATE: _____

CITY OF NORCO 2870 Clark Avenue Norco, CA 92860
APPROVED BY: WILLIAM R. THOMPSON, Director of Public Work
DATE: _____
BRIAN PETREE, Director of Parks, Rec. & Community Services
DATE: _____

**SANTA ANA RIVER TRAIL
SOFT SURFACE TRAIL
TAFT STREET**

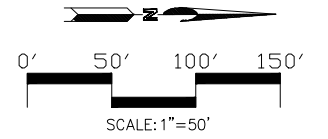
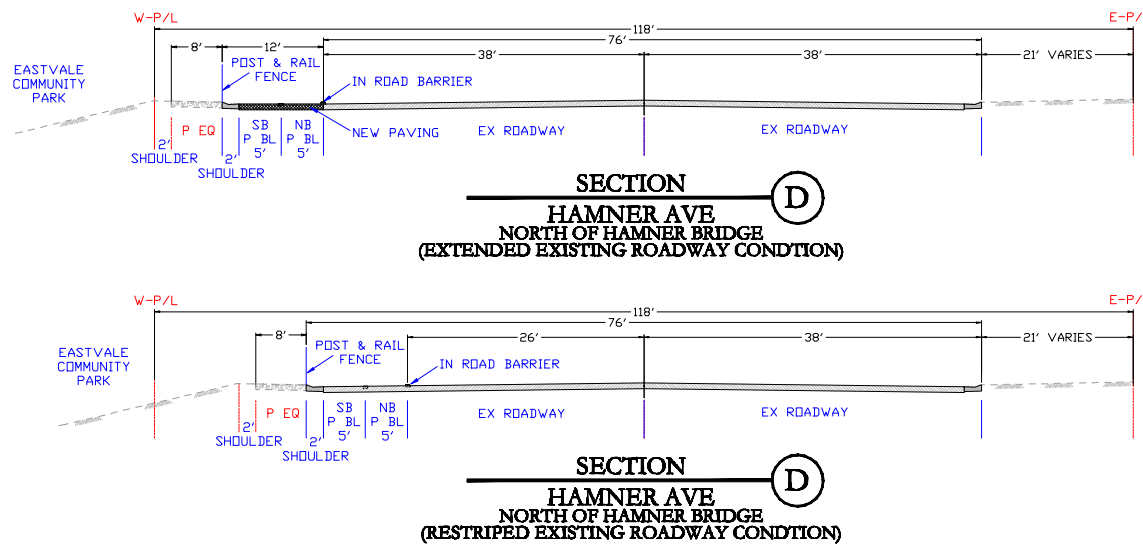
PROJECT NO. _____
DRAWING NO. SS4
SHEET NO. 4 OF 5



HAMNER AVE

LEGEND

	EX BL	EXISTING BIKE LANE
	EX BL	EXISTING BIKE LANE AT INTERSECTION
	P BL	PROPOSED BIKE LANE SEE DETAIL SHEETS
	P BL	PROPOSED BIKE LANE AT INTERSECTION
		BIKE PATH
		STOP SIGN AND MARKING PER DETAIL SHEETS
	EX EQ	EXISTING EQUESTRIAN
	EF	EXISTING SPLIT-RAIL FENCE MAY REQUIRE RELOCATE
	FUT	FUTURE PARKING / EQUESTRIAN TO BE DETERMINED
	TL	TRAVEL LANE
	PKNG	PARKING
	C&G	CURB AND GUTTER
	PROP. PAVT	PAVEMENT MAY BE REQUIRED
	BL	PROPOSED BIKE LANE
		PROPOSED SOFT SURFACE TRAIL



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LAN WEBER, ENGINEER, RCE 35894



COUNTY OF RIVERSIDE
REGIONAL PARKS AND OPEN SPACE DISTRICT
APPROVED BY: SCOTT BANGLE, GENERAL MANAGER

CITY OF NORCO
2870 Clark Avenue Norco, CA 92860
APPROVED BY: WILLIAM R. THOMPSON, Director of Public Work
BRIAN PETREE, Director of Parks, Rec. & Community Services

**SANTA ANA RIVER TRAIL
SOFT SURFACE TRAIL
HAMNER AVENUE**

PROJECT NO.	
DRAWING NO.	SS5
SHEET NO.	5 OF 5

Construction Notes

Soft Surface Trail – SR-71 to Intersection of Bluff St. and Stagecoach Dr.

The sample cross sections showing the relationship between the paved and soft surface trail are to be taken as diagrammatic, and final determinations need to be made during the final engineering and construction stage. The intent is that the soft surface trail be located as shown on the maps and cross sections found in Appendix B, but also that it rise and fall and meander slightly in order to fit existing contour deviations.

Spillway Hill

The segment of trail from the spillway plain to the Auxiliary Dike exceeds recommended grades. (An alternate route utilizing a number of miles of roadway from Green River Golf Course to Auto Center Dr. is possible for those whom this would be a problem.) The proposed 30% engineering drawings included in this report for the paved trail cover this steep segment. For the soft surface trail, it may be possible to create either adjacent switchbacks or pause areas to make this area more acceptable. This possibility will not be known until after the USACE completes its work in the area.

Soft Surface Trail – Pomona Rincon Rd.

The trail will utilize the existing maintenance road which utilizes the historic Pomona Rincon Rd., with the paved trail on the north easterly side and the soft surface trail on the south westerly side. Part way down this roadway, the USACE has located a construction/maintenance complex on the same side of the road as the soft surface trail. The security fence and some of the buildings for the complex are located very close to the roadway. Originally it was thought that the trail could skirt around behind the complex, but it was found that a cultural site existed in that location. Therefore, it is recommended that the soft surface trail merge onto the roadway, for a short distance, in front of this complex. Final design will require USACE consultation and approval.

Soft Surface Trail - Butterfield Dr.

The change to convert the Reach IV segment of the trail on Butterfield Dr. to a multi-use trail was made near the end of this phase of work. Because the USACE has not completed its final construction and design for the borrow pit, inadequate information is available to permit preparation of grading and construction details for this reach, and they will need to be done during the final engineering stage.

Knoll of Bluff in Corona

The lower elevation portion of the trail below the knoll of the bluff in Corona is recommended as a multi-use trail. This segment calls for a 4" rubberized asphalt surface. The final decision regarding whether to utilize this material will be made during the final engineering stage.

Orange County Water District Property

At the time of this phase report, final negotiations with the Orange County Water District had not occurred for the trail alignment from the intersection of Bluff St./ Stagecoach Drive down to the basin area below the knoll. Therefore, the precise engineering of this segment is not available and will need to be included in the next phase engineering effort.

Norco River Bottom

From the eastern end of the USACE bench below River Rd. to Pedley Ave., the trail descends into the Santa Ana River Bottom and follows existing trails within the park. It is recognized that detours around this small piece may be necessary during floods.

Eastvale Bluff - Archibald Avenue

There have been a number of modifications over the life of the project in this stretch of the trail. The special circumstance is that there is insufficient right-of-way on either side of Archibald Avenue, as well as along the back of the bluff overlooking the river.

The recommended alignment is along the back of the bluff and for the development to be accomplished at some unknown time in the future. There are no 30% drawings for this area. The overall construction budget includes a "place holder" cost for this stretch based upon the trail being located within an expanded right-of-way on the south easterly side of Archibald. Construction could be accomplished by either negotiating a right-of-way purchase or dedication with the owner(s) or by requiring it as a condition of approval for a possible future development. The location could in turn be either along the edge of the bluff (the recommended alignment) or within an expanded right-of-way along Archibald Ave.

Hamner Avenue Bridge

The existing bridge at Hamner Ave. is too narrow to allow trail usage. The Master Plan of Highways indicates that the bridge will eventually be widened. When this occurs, it is recommended that the project include a multi-use trail connecting the two sides of the river. Companion with this completion, the route through Eastvale is recommended to become the official Santa Ana River Trail, and the Norco side will become a designated spur trail.

Arlington Avenue

Necessary contour, utility, and right-of-way information was not collected regarding the section of the trail along Arlington Avenue from the entry to Hidden Valley Wildlife Area to Crestview Drive. This information and subsequent planning will need to be included in the next phase engineering effort. A cross section sketch is provided to illustrate the desired final product.

Undeveloped Norco Soft Surface Trails

The alignment of the soft surface trail in Norco is almost entirely on existing equestrian trails. There are, however, two short segments recommended that do not presently exist. These segments will require precise design in order to deal with existing trees, utility poles, etc. Although adequate right-of-way exists, precise locations and engineering for these segments will need to be included in the next engineering effort.