July 2009
Trail Development Standards
Draft Copy

Riverside County Regional Park and Open-Space District

4600 Crestmore Road
Riverside, CA 92509
951.955.4300
www.riversidecountyparks.org

Scott Bangle
General Manager
Table of Contents

Introduction and Purpose

Trail Definitions and Standards
  Class I Bikeway
  Combination Trail: Class I Bikeway/Regional Trail
  Urban and Rural
  Regional Trail
  Urban and Rural
  Open-Space
  Community Trail
  Non-CSA or Non-Local Park District Jurisdiction
  General Trail Standards

Typical Trail Sections
  Class I Bikeway Parks Trail Detail 1001
  Combination: Class I Bikeway/Regional Trail
  Urban Parks Trail Detail 2001
  Rural Parks Trail Detail 2002
  Hill Slope Trail Parks Trail Detail 2004
  Regional Trail
  Urban Parks Trail Detail 3001
  Rural Parks Trail Detail 3002
  Open-Space Area Parks Trail Detail 3003
  Community Trail
  Non-CSA or Non-Local Park District
  District Jurisdiction Parks Trail Detail 4001

Trail Details
  Fencing Vinyl Post and Rail
  Fencing Wooden Round Post and Rail
  Bollard Bollard Replacement Detail
  Equestrian Step Over Detail
  Equestrian Hitching Rail Detail
Table of Contents (continued)

Trail Project Conditions of Approval
PAR Regional Trail
Community Trail:
  CSA or Local Park District Jurisdiction
Community Trail:
  Non-CSA or Non-Local Park District Jurisdiction

DRT Correction Condition
Regional Trail
Community Trail:
  CSA or Local Park District Jurisdiction
Community Trail:
  Non-CSA or Non-Local Park District Jurisdiction

Prior to Project Approvals
Prior to Map Recordation
Trail Maintenance Condition
Regional Trail
Community Trail:
  CSA or Local Park District Jurisdiction
Community Trail:
  Non-CSA or Non-Local Park District Jurisdiction
Prior to Issuance of Grading Permits
Prior to Final Grading Inspection
Prior to Issuance of Building Permit
Prior to Issuance of Occupancy Permit

County Wide Trail Maps:
On Attached Disc listed per Area Plan as listed below:

1. Jurupa
2. EastYale
3. Temescal Canyon
4. Elsinore
5. Lake Mathews / Woodcrest
6. Highgrove
7. March
8. Mead Valley
9. Sun City / Menifee
10. Southwest Area
11. Reche Canyon / Badlands
12. Lakeview / Nuevo
13. Harvest Valley
14. The Pass
15. San Jacinto Valley
16. REMAP
17. Western Coachella Valley
18. Eastern Coachella
19. Desert Center
20. Palo Verde Valley
21. East County-Desert Area
Introduction and Purpose
Introduction

The purpose of these standards is to clearly describe graphically and in text the key elements for the design and development of trails throughout Eastern and Western Riverside County. As the County continues to grow and develop Quality of Life issues are becoming more important. The concept of the livable community and the role trails can play in accomplishing that goal is also becoming important. Without clear direction from the County the development community has no realistic way to provide trails that can serve as alternate transportation routes or as a network providing family oriented leisure recreation opportunities.

Although the information provided is specific, it is not intended to remove or eliminate creative design solutions for each community. By providing examples and acceptable standards this document can serve as a practical reference for the County of Riverside, designers, engineers, land developers and residents. It is anticipated that the majority of the trail elements defined in this document will be added incrementally as part of new development and as funding opportunities for the County become available. As the County’s trails system continues to develop the provision for its maintenance must also be made either as part of the development projects or as part of existing and/or new maintenance assessment districts.
Trails Definitions and Standards
Class 1 Bikeway

Definition: A 10 foot – 12 foot wide paved surface consisting of two equal width striped lanes completely separate from roadways and Multi-purpose soft surface trails. It is designed as an alternate urban commuter route connecting urban areas and regional park facilities and for the exclusive use by bicycles and pedestrians.

Location: Usually adjacent to roadways, located adjacent to or immediately outside of the ultimate road “right of way.”

Typical Easement: 20 foot min. – 30 foot max. (Width of easement can be negotiated with the District and approval from TLMA Transportation)

Maintenance Entity: Riverside County Regional Park and Open-Space District or another agency based on a negotiated agreement and letter of acceptance.

General Paving Standards:

District Standard: Parks 1001

Wear Surface: Rubberized Asphalt: 4 inch thickness
(Material type negotiable with approval from the District and TLMA Transportation)

Base Course: Class II Base Material: Width of trail + 0.5 feet each side of trail, 6 inch thickness; Rolled, watered and compacted.

Sub-Grade: Native material prepared and compacted to 95%.

See additional information ‘General Trail Standards’ at the end of this section.
Combination
Class 1
Bikeway/Regional Trail

Definition: A 10 foot - 12 foot wide paved surface consisting for two striped lanes of equal width and a 10 foot - 12 foot wide Multi-purpose stabilized soft surface trail completely separate from roadways. It is designed as an alternate urban commuter route connecting urban areas and regional park facilities. The paved trail is for exclusive use by bicycles and pedestrians. The Multi-purpose trail is for all users including equestrians.

Location: Usually adjacent to roadways, but located adjacent to or immediately outside of the ultimate road right of way.

Typical Easement: 30 foot min. - 40 foot max. easement typical on one side of roadway. The trails can be split to place one trail of each type on opposite sides of the roadway with easement width being reduced by approximately half per each side. Width of easements can be negotiated with the District and approval from TLMA Transportation entity.

Maintenance Entity: Riverside County Regional Park and Open-space District or another agency based on a negotiated agreement.

General Bikeway Paving Standards:

District Standard: Parks 2001 - Urban
Parks 2002 - Rural

Wear Surface: Rubberized Asphalt: 4 inch thickness
(Material type negotiable with approval from the District and maintenance entity)
Combination Class 1 Bikeway/Regional Trail
(Continued)

Base Course: Class II Base Material: Width of trail + 0.5 feet each side of trail, 6 inch thickness; Rolled, watered and compacted.

Sub-Grade: Native material prepared and compacted to 95%.

General Regional Trail Paving Standards:

District Standard: Parks 2001 - Urban
Parks 2002 - Rural
Parks 2004 - Slope

Wear Surface: Stabilized Decomposed Granite (DG): 4 inches – 6 inches of thickness (negotiable with approval from the District and maintenance entity)

Stabilization Material: A polymer or resin stabilizing compound applied to the D.G. per manufacturer’s instructions. Examples are Poly-paver, Gill materials or equal.

Base Course: Class II Base Material: Surface width of trail + 0.5 feet each side of trail, 4 inch thickness; Rolled, watered and compacted. 6 inch thickness required in areas of shallow water table or determined to have water see page.

Sub-Grade: Native material prepared, compacted to 95% and treated with a pre-emergent herbicide.

Urban Edging: 6” x 6” concrete header with smooth trowel finish.

Rural Edging: 2” x 4” synthetic material header with staking.
Stakes 1” x 2” x 12” to be placed 4’- 0” o.c.

See additional information ‘General Trail Standards’ at the end of this section.
Regional Trail
(Urban and Rural)

Definition: A 10 foot – 12 foot wide stabilized Multi-purpose trail. It is designed as an alternate route for pedestrian, jogger, walker, hiker and equestrian use. It is designed to serve as major linkages that interconnect Regional Parks, Open-space Areas, communities and cities.

Location: Usually along the fringe of development projects; roadways, (adjacent to or immediately outside of the ultimate road right of way) and may follow streams or watercourses with approval from the appropriate review agencies.

Typical Easement: 20’ (can be negotiated with the District and approval from TLMA Transportation)

Maintenance Entity: Riverside County Regional Park and Open-Space District or TLMA Transportation L&LMD entity

General Paving Standards:

District Standard:
- Parks 3001 - Urban
- Parks 3002 - Rural

Wear Surface: Stabilized Decomposed Granite (DG): 4 inches – 6 inches thick (negotiable with approval from the District and TLMA Transportation L&LMD entity)

Stabilization Material: A polymer or resin stabilizing compound applied to the D.G. per manufacturer’s Instructions. Examples are Poly-paver, Gill materials or equal.

Base Course: Class II Base Material: Surface width of trail + 0.5’ each side of trail, 4 inches of thickness; rolled, watered and compacted. 6 inches required in areas of shallow water table or determined to have water seepage.
Regional Trail (Continued)

Sub-Grade: Native material prepared, compacted to 95% and treated with a pre-emergent herbicide.

Urban Edging: 6” x 6” concrete header (mow strip) with #4 rebars centered, trowel smooth finish

Rural Edging: 2’ x 4” synthetic material header with staking. Stakes 1” x 2” x 12” to be placed 4’-0” o.c.

See additional information ‘General Trail Standards’ at the end of this section.
Open-Space

Regional Trail
Open-Space Area

Definition: A 24 inch - 48 inch wide earthen path (usually pre-existing) within open-space areas as part of a development project or unincorporated areas of the County. It is designed for hiker, jogger, walker, equestrian and mountain bike use. The trails can have connections to regional or community trail systems but also be a stand alone trail system.

Location: Usually within the boundary of a large open-space area as part of a development project that is being offered to the County as open-space. Trails may be pre-existing or proposed. The trails may follow streams or watercourses with approvals from the appropriate review agencies.

Typical Easement: 6 feet -10 feet (easement width can be negotiated with the District and approval of other indentified maintenance entity)

Maintenance Entity: Riverside County Regional Park and Open-Space District, T/LMA Transportation (roadways only) entity can be established.

General Paving Standards:

District Standard: Parks 3003:

Wear Surface: Cleared native earthen material

Stabilization Material: N/A

Base Course: N/A.

Sub-Grade: N/A

See additional information ‘General Standards’ for all trails at the end of this section.
Community Trail
Non-CSA or Non-Local
Park District
Jurisdiction

Definition: An 8 foot-10 foot wide Multi-purpose soft surface trail. It is designed to provide pedestrians, joggers, walkers, hikers, and equestrians access within a community, access to community facilities such as neighborhood and community parks as well as safe paths of travel to the Regional Trail system.

Location: Usually along the fringe or throughout development projects; roadways, adjacent to or within the ultimate road right of way, along streams or watercourses and throughout developments.

Typical Easement: 14’ (can be negotiated with the District and approval from TLMA Transportation or other identified maintenance entity)

Maintenance Entity: Riverside County Regional Park and Open-space District or TLMA Transportation (roadways only), temporarily, until a local entity can be established or trail maintenance.
Community Trail
Non-CSA or Non-Local Park District Jurisdiction Trail

General Paving Standards:

District Standard: Parks 4001:

Wear Surface: Stabilized Decomposed Granite (DG): 4 inches – 6 inches of thickness (negotiable with approval from the District and TLMA Transportation or other maintenance entity)

Stabilization Material: A polymer or resin stabilizing compound applied to the D.G. per manufacturer’s instructions. Examples are Poly-paver, Gill materials or equal.

Base Course: Class II Base Material: Surface width of trail + 0.5 feet each side of trail, 4 inches of thickness; rolled, watered and compacted. 6 inches of thickness required in areas of shallow water table or determined to have water seepage

Sub-Grade: Native material prepared, compacted to 95% and treated with a pre-emergent herbicide.

See additional information ‘General Trail Standards’ at the end of this section.
Trail Design Standards

General Standards

Curb Cuts and Ramps

For all Trail Crossings: Shall meet Caltrans Standards and surfacing requirements
Material: 2,500 PSI Concrete
Thickness: 6 inches thick

Trail Cross Slopes:

Surface: A cross slope is preferred over crowning of trail surfaces.
Recommended Slope: 1% - 1.5%
Maximum Slope: 2%

Longitudinal Grades: Shall comply with ADA standards.
Preferred Maximum: 5%

Shoulders Adjacent to Trails:

Shoulder: Graded areas to be free of hazards adjacent to both sides of the trail.
Preferred Width: 3'-0"
Minimum Width 2'-0"
Cross Slope Min.: 1.0%
Cross Slope Max.: 2.0%
Trail Design Standards (continued)

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<thead>
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<th>Design Speed:</th>
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<tr>
<td>Paved:</td>
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<tr>
<td>Unpaved:</td>
<td>10-15 mph</td>
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<th>Clearances:</th>
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<tbody>
<tr>
<td>Vertical Obstructions:</td>
<td></td>
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<tr>
<td>Pedestrian Use:</td>
<td>8'-0&quot;</td>
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<tr>
<td>Bicycle Use:</td>
<td>10'-0&quot;</td>
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<tr>
<td>Equestrian Use:</td>
<td>12'-0&quot;</td>
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<th>Horizontal Obstructions:</th>
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<tbody>
<tr>
<td>Lateral Clearance w/o barrier:</td>
<td>4'-0&quot; Desired</td>
</tr>
<tr>
<td>(trees, poles, walls, etc)</td>
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</tr>
<tr>
<td>Lateral Clearance w/ barrier:</td>
<td>Negotiable</td>
</tr>
<tr>
<td>Distance to Roadway: Will vary. All trails to be set outside of ultimate road “Right of Way”</td>
<td></td>
</tr>
<tr>
<td>Lateral Clearance to Grade Change w/o barrier</td>
<td>Distance will vary depending on grade.</td>
</tr>
</tbody>
</table>
CLASS I BIKEWAYS

PROVIDE A COMPLETELY SEPARATED RIGHT OF WAY FOR THE EXCLUSIVE USE OF BICYCLES AND PEDESTRIANS WITH CROSSFLOW BY MOTORISTS MINIMIZED. SIDEWALK FACILITIES ARE NOT CONSIDERED CLASS I FACILITIES BECAUSE THEY ARE PRIMARILY INTENDED TO SERVE PEDESTRIANS, GENERALLY CANNOT MEET THE DESIGN STANDARDS FOR THE CLASS I BIKEWAY, AND DO NOT MINIMIZE MOTORIST CROSS FLOWS.

CLASS I BIKEWAYS SHOULD OFFER OPPORTUNITIES NOT PROVIDED BY THE ROAD SYSTEM. THEY CAN EITHER PROVIDE A RECREATIONAL OPPORTUNITY OR SERVE AS A HIGH-SPEED DIRECT COMMUTE ROUTE IF CROSS FLOW BY MOTOR VEHICLES CAN BE MINIMIZED. THE MOST COMMON APPLICATIONS ARE ALONG RIVERS, CANALS, UTILITY RIGHT OF WAY, ABANDONED RAILROAD RIGHT OF WAY, WITHIN COLLEGE CAMPUSSES, OR WITHIN AND BETWEEN PARKS. CLASS I BIKEWAYS CAN SERVE TO CLOSE GAPS TO BICYCLE TRAVEL CAUSED BY CONSTRUCTION OF FREEWAYS, OR BECAUSE OF THE EXISTENCE OF NATURAL BARRIERS (RIVERS, MOUNTAINS, ETC.)

THE CLASS I BIKEWAY STANDARDS RECOGNIZED BY THE COUNTY OF RIVERSIDE ARE THOSE DESCRIBED IN THE CALTRANS HIGHWAY DESIGN MANUAL, CHAPTER 1000, BIKEWAY PLANNING AND DESIGN.

SIGNS

FOR APPLICATION AND PLACEMENT OF SIGNS, SEE THE MANUAL ON UNIFORM CONTROL DEVICES (MUTCD), SECTION 9B.01 AND THE CALIFORNIA SUPPLEMENT SECTION 9B-101.

PAVEMENT MARKINGS

FOR PAVEMENT MARKING GUIDANCE, SEE THE MUTCD, SECTION 9C.03.

Riverside County Regional Park & Open Space District
Parks Planning Division
October 2008

NOT TO SCALE

Trail Detail: PARKS - 1001

NOTE:
All irrigation piping and wires routed under D.C. trails and concrete headers shall be installed inside SCH. 46 sleeves as if under paving.
For Bikeway specifications refer to:
Trail Detail - PARK-1001 (CLASS I BIKEWAY)

Minimum Height 48"
INSET #1

1. MINIMUM 6" THICK LAYER OF DECOMPOSED GRANITE.
2. INSTALL THREE EQUAL 2" DEEP LIFTS.
3. WATER IN AND COMPACT EACH LIFT PER 'STABILIZER' SPECIFICATIONS.
4. COMPACTED PER SOIL ENGINEER'S REPORT.
   STERILIZE SOIL UNDER TRAIL SECTION AS REQUIRED.
5. 2"x2"x16" TREX, OR EQUIVALENT, STAKE. TOP FLUSH WITH HEADER.
6. 2"x4" TREX, OR EQUIVALENT, HEADER.

STAKES SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET ON CENTER ALONG THE ENTIRE LENGTH OF HEADER AND AT ALL ENDS OF BOARDS.

ALL IRRIGATION PIPING AND WIRES ROUTED UNDER D.G. PATHS SHALL BE INSTALLED INSIDE SCH. 40 SLEEVES AS IF UNDER PAVING.

For Bikeway specifications see:
Trail Detail - PARK-1001 (CLASS I BIKEWAY)

Riverside County Regional Park
& Open Space District
Parks Planning Division
December 2005

CLASS I BIKEWAY/REGIONAL TRAIL
IN RURAL AREAS

Trail Detail: PARKS-2002
NOTE:
All irrigation piping and wires routed under D.G. trails and concrete headers shall be installed inside SCH. 40 sleeves as if under paving.
NOT TO SCALE

NOTES:

#1 - TRAIL TREAD SHALL BE OUTSLOPED AND FREE DRAINING, NOT CROWNED, TO PROVIDE POSITIVE DRAINAGE ACROSS THE TRAIL TO PREVENT SILTATION AND WATER PONDING.

#2 - WOODY MATERIAL GREATER THAN 1/2" DIAMETER SHALL BE REMOVED FROM THE TRAIL TREAD (I.E. STUMPS, LOGS, BRUSH, ROOTS). REMOVE ROOTS MORE THAN 2" IN DIAMETER FROM THE BACKSLOPE.

#3 - MAXIMUM SIZE OF LOOSE ROCK MATERIAL TO BE LEFT IN TRAIL SHALL NOT EXCEED 3". ALL ROCKS GREATER THAN 3" SHALL BE PLACED ON THE DOWN SLOPE OF THE TRAIL.

#4 - AVERAGE MAXIMUM GRADE OF THE TRAIL TREAD SHOULD NOT EXCEED 8%.

#5 - MAXIMUM GRADE OF THE TRAIL TREAD SHOULD NOT EXCEED 12% OVER A DISTANCE OF 40 FEET.

Riverside County Regional Park & Open Space District
Parks Planning Division
October 2008

Regional Trail
In Open-Space Areas

Trail Detail: PARKS - 3003

Note:
All irrigation piping and wires routed under trails shall be installed inside SCH. 40 sleeves as if under paving.
FINISHED GRADE 1" BELOW TOP OF HEADER

2" x 4" TREX, OR EQUIVALENT, HEADER

3" GALVANIZED NAILS

2" x 18" TREX, OR EQUIVALENT, STAKE

NOTE:
STAKES SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET ON CENTER ALONG THE ENTIRE LENGTH OF HEADER AND AT ALL ENDS OF BOARDS
ALL IRRIGATION PIPING AND WIRES Routed UNDER D.G. TRAILS SHALL BE INSTALLED INSIDE SCH. 40 SLEEVES AS IF UNDER PAVING.

TRAIL SURFACE
MINIMUM 5" COMPACTED DECOMPOSED GRANITE
(MIN. 90% COMPACTION)

COMPACTED SUB-BASE;
NATIVE OR AMENDED SOIL
(MIN. 90% COMPACTION)

SEE INSET #2

SEE INSET #1

NOT TO SCALE

Riverside County Regional Park
& Open Space District

Parks Planning Division
December 2005

COMMUNITY TRAIL

Trail Detail: PARKS - 4001

NOTE: All irrigation piping and wires routed under D.G. trails and concrete headers shall be installed inside SCH. 40 sleeves as if under paving.
3 Rail Wood Post Fence

POSTS = 4" ROUND TREATED
RAILS = 2.5" ROUND TREATED

FINISHED GRADE
90% REC. COMP. SUBGRADE
CONCRETE FOOTING

ELEVATION
8" ON CENTER OR AT CHANGE OF DIRECTION

48"
6" SCHED. 40 STEEL PIPE

CLEAN AND PAINT BRIGHT WARING SIGN YELLOW

6" SCHED. 40 STEEL PIPE

CONTINUOUS WELD

CONC. FTG':
2000 P.S.I. @ 28 DAYS
Trail Project Conditions of Approval
Conditions

Project

Conditions

PAR Conditions

Regional Trail

Area Plan Map No._____; the __________________Area Plan, identifies a Regional Trail type(s), □ Rural, □ Urban, □ Class 1 Bikeway, □ Combination Trail, □ Open Space Trail, impacted by the proposed project. The applicant is required to prepare an exhibit/trail plan showing the trail alignment(s). If the trail is adjacent to a roadway, it is to be located entirely outside of the road right-of-way (unless prior approval is granted from the Riverside County Transportation Department). The trail plan shall be submitted to the Regional Park and Open-Space District for review and approval. Prior to development of the plan or project submittal, it is advised that the applicant set up an appointment with the Park District in order to review trail(s) issues by contacting the District at 951.955.4300. Additionally, the applicant can obtain trail requirement assistance in the Riverside County Regional Park and Open-Space District Trail Standards, available on disc from the Regional Park and Open-Space District Headquarters, 4600 Crestmore Road, Riverside CA 92509 or the, Riverside County Planning Department, 9th Floor and 2nd Floor Counter County Administrative Center. It is also available on the District’s web-site at http://www.riversidecountyparks.org and following heading marked “Trails” and following the links to the Standards and Area Plan Trail Maps or the Riverside County Planning Wed-site at http://rclma.org/planning/index.html.

Community Trail

CSA or Local Park District Jurisdiction

Area Plan Map No._____; the __________________Area Plan, identifies a Community Trail(s) impacted by the proposed project. The project is within the service area boundary of a CSA or Local Park District. The Community Trail(s) within the project area will be responsibility of the local recreation provider. The local recreation provider for this project will ultimately be responsible for the conditioning and maintenance of the trail(s). The applicant is required to contact the CSA or local recreation district identified below in order to review trail(s) issues.
Community Trail

Non-CSA or Non-Local Park District Jurisdiction

Area Plan Map No. _____, the _________________ Area Plan, identifies a Community Trail(s) which are impacted by the proposed project. The applicant is required to prepare an exhibit/trail plan showing the trail alignment(s). If the trail is adjacent to a roadway, it is to be located entirely outside of the road right-of-way (unless prior approval is granted from the Riverside County Transportation Department). The trail plan shall be submitted to the Regional Park and Open-Space District for review and approval. Prior to development of the plan or project submittal, it is advised that the applicant set up an appointment with the Park District in order to review trail(s) issues by contacting the District at 951.955.4300. Additionally, the applicant can obtain trail requirement assistance in the Riverside County Regional Park and Open-Space District Trail Standards, available on disc from the Regional Park and Open-Space District Headquarters, 4600 Crestmore Road, Riverside CA 92509 or the Riverside County Planning Department, 9th Floor and 2nd Floor Counter County Administrative Center. It is also available on the District’s web-site at http://www.riversidecountyparks.org and following heading marked “Trails” and following the links to the Standards and Area Plan Trail Maps or the Riverside County Planning Wed-site at http://rctma.org/planning/index.html.
DRT Corrections Condition

Regional Trail

The Regional Park and Open-Space District has identified that the proposed project is located within Area Plan Map No. _____, the ___________________ Area Plan. The Area Plan identifies a Regional Trail, □ Rural □ Urban, □ Class 1 Bikeway, □ Combination Trail, □ Open Space trail(s) impacted by the proposed project. The applicant is required to prepare an amended exhibit/trail plan showing the trail alignment(s) and easement areas. If a trail is adjacent to a roadway, it is to be located entirely outside of the road right-of-way (unless prior approval is granted from the Riverside County Transportation Department and Regional Park and Open-Space District). The amended exhibit plan shall be submitted to the Regional Park and Open-Space District for reviews and approvals. The amended exhibit/trail plan is to provide: alignments, easement widths, typical cross sections, fencing, trail separations, pavement markings, street crossings, signage bollards (if applicable) and landscaping and irrigation plans. The applicant is required to schedule an appointment with the Park District at 951.955.4300 in order to review trail(s) issues and development standards. Additionally, the applicant can obtain trail requirement assistance in the Riverside County Regional Park and Open-Space District Trail Standards, available on the District’s web-site at http://www.riversidecountyparks.org and following heading marked “Trails” and following the links to the Standards and Area Plan Trail Maps or the Riverside County Planning Wed-site at http://rctlma.org/planning/index.html.
Community Trail

CSA or Local Park District Jurisdiction

The Regional Park and Open-Space District has identified that the proposed project is located within Area Plan Map No. _____, the ________________ Area Plan. The Area Plan identifies a Community Trail(s) impacted by the proposed project. The Community Trail(s) within the project boundary will be under the jurisdiction of the local recreation provider. The local recreation provider for this project will ultimately be responsible for the trail(s) conditioning and maintenance of the trail(s). The applicant is required to contact the CSA or local recreation district identified below in order to address the identified trail(s) impacts. The applicant is also required to submit a letter to the Regional Park and Open-Space outlining mitigation of the trail(s) impacts.

CSA Coordinator, CSA No. _____
1325 Spruce Street
Riverside, CA 92507
Phone: 951.955.3100

Jurupa Parks and Recreation District
4810 Pedley Rd., Riverside, CA
Phone 951.361.2090

Valley Wide Recreation and Park District
901 W. Esplanade, San Jacinto, CA
Phone: 951.654.1505

Beaumont Cherry-Valley Wide Recreation and Park District
390 W. Oak Valley Pkwy., Beaumont, CA
Phone: 951.845.9555

Recreation District of the Desert
45-305 Oasis St., Indio, CA
Phone: 760.347.3484
Community Trail

Non-CSA or Non-Local Park District Jurisdiction

The Regional Park and Open-Space District has identified that the proposed project is located within Area Plan Map No. _____, the _______________ Area Plan. The Area Plan identifies a Community Trail(s) impacted by the proposed project. The applicant is required to prepare an amended exhibit/trail plan showing the trail alignment(s) and easement area. If the trail(s) is adjacent to a roadway, it is to be located entirely outside of the ultimate road “right of way” (unless prior approval is granted from Riverside County Transportation Department and the Regional Park and Open-Space District). The amended exhibit/trail plan shall be submitted to the Regional Park and Open-Space District for reviews and approvals. The amended exhibit/trail plan is to provide: alignments, easement widths, typical cross sections, fencing, trail separations, pavement markings, street crossings, signage bollards (if applicable) and landscaping and irrigation plans. The applicant is required to schedule an appointment with the District (phone 951.955.4300) in order to review the trail issues and development standards. Additionally the applicant can obtain trail requirement assistance in the Riverside County Regional Park and Open-Space Trail Standards, available on the District’s web-site at https://www.riversidecounty.parks.org and following heading marked “Trails” and following the links to the Standards and Area Plan Trail Maps or the Riverside County Planning Web-site at http://rclma.org/planning/index.html.

Project Approvals

Milestone 30

Prior to issuance of project approval, the applicant shall submit a project exhibit/trail plan identifying the proposed trail network(s) under the jurisdiction of the Regional Park and Open-Space District and/or other entity. Included as part of the exhibit the applicant shall provide for review and approval: all alignments, easement widths, typical trail cross sections, fencing, trail separations, pavement markings, street crossings signage, bollards (if applicable) and landscape and irrigation plans.

Prior to or in conjunction with the project approval the project applicant shall identify the trail(s) maintenance entity (in writing) to County Planning Department and the Regional Park and Open-Space District.
Map Recodation

Regional and Community Trail
(Non-CSA or Non-Local Park District)
Prior to, or in conjunction with the recordation of the project map, the applicant shall offer the Regional Trail easement(s) shown on the map for dedication to Riverside County Regional Park and Open-Space District or County managed Landscape and Lighting Maintenance District for trails purposes. Said easements will offered on behalf of the vested interest of the citizens of Riverside County and will not become part of the District’s maintained trail system.

Trail Maintenance

Regional Trails

The applicant shall enter into a trail maintenance agreement with the Regional Park and Open-Space District, or form or annex into an existing County managed Landscape Lighting Maintenance District accepting trails maintenance as approved by the Riverside County Planning Department for the maintenance of the all regional trail(s) identified on this project. The applicant, or successors-in-interest or assignees, shall be responsible for the maintenance of said trails and easement areas such time as the maintenance is taken over by the appropriate maintenance District or entity. The applicant must provide a letter of agreement to the Planning Department and the Park District (if other than the District) that trail maintenance will be provided.
Community Trail  
Milestone 50, 60 80, 90, 100  
CSA or Local Park District Jurisdiction

The Community Trail(s) within the project boundary will be under jurisdiction of the local recreation provider. The local recreation provider for this project will ultimately be responsible for the maintenance of the trail(s). The applicant shall enter into a trail maintenance agreement with the local recreation provider or form or annex into a trail(s) maintenance district managed by the appropriate agency listed below and approved by the County of Riverside Planning Department:

CSA Coordinator, CSA No. _____  
1325 Spruce Street  
Riverside, CA 92507  
Phone: 951.955.3100

Jurupa Parks and Recreation District  
4810 Pedley Rd., Riverside, CA  
Phone 951.361.2090

ValleyWide Recreation and Park District  
901 W. Esplanade, San Jacinto, CA  
Phone: 951.654.1505

Beaumont Cherry-Valley Wide Recreation and Park District  
390 W. Oak Valley Pkwy., Beaumont, CA  
Phone: 951.845.9555

Desert Recreation District  
45-305 Oasis St., Indio, CA  
Phone: 760.347.3484

The County of Riverside Planning Department is to approve the maintenance agreement or annexation prior to its execution.

The applicant is to forward copy of the final executed agreement to the agreement for file.
Community Trail  
Milestone 50, 60 80, 90, 100  
Non-CSA or Non-Local Park District Jurisdiction

The applicant shall enter into a trail maintenance agreement with the Regional Park and Open-Space District or form or annex into a County managed Landscape Lighting Maintenance District accepting trails maintenance as approved by the Riverside County Planning Department for the maintenance of the all community trail(s) identified on this project. The applicant, or successors-in-interest or assignees, shall be responsible for the maintenance of said trails and easement areas such time as the maintenance is taken over by the appropriate maintenance District or entity. The applicant must provide a letter of agreement to the Planning Department and the Park District that the trail maintenance will be provided.

Prior to the Issuance of Grading Permits  
Milestone 60  
Regional Trails

Prior to or in conjunction with the issuance of grading permits, the applicant must have submitted its trail(s) exhibit/plan to the Regional Park and Open-Space District and received approval of said plan. The trails exhibit/plan shall show the trail(s) with all topography, grading, ADA compliance, fencing, cross sections, signage, pavement markings, street crossings signage, bollards (if applicable) and landscaping and irrigation.

Community Trail  
Milestone 60  
Non-CSA or Non-Local Park District Jurisdiction

Prior to or in conjunction with the issuance of grading permits, the applicant must have submitted its trail(s) exhibit/plan to the Regional Park and Open-Space District and received approval of said plan. The trails exhibit/plan shall show the trail(s) with all topography, grading, ADA compliance, fencing, cross sections, signage, pavement markings, street crossings signage, bollard (if applicable) and landscaping and irrigation.
Trails Adjacent to Water Coursed or Streams  

Prior to issuance of any grading permits, any proposed trail to be located alongside the bank or within the high water mark of the water course, body, or adjacent to a wetlands, the applicant shall make the appropriate inquiries to the Planning Department, other County Agencies and the regulatory agencies to obtain the necessary permits to allow trail development. The applicant will be required to submit permits to the regulatory agencies and have said permits approved prior to the start of grading operations. All permits must be copied to the Planning Department and the Regional Park and Open-Space District.

Prior to Grading Final Inspection  

Prior to final grading inspection, the applicant is required to have graded the proposed project site in accordance with the grading plan and comply with conditions of the Regional Park and Open-Space District's approved exhibit/trail plan.

Prior to the issuance of final grading inspection, the Regional Park and Open-Space District, in conjunction with a representative from Riverside County Department of Building and Safety Grading Division, shall inspect the proposed project site in order to ensure that the trail grading meets the County standards as determined by the Park District and in conjunction with the Building and Safety Department Grading Division.
Prior to the Issuance of Given Building Permit  Milestone 80

Prior to the issuance of the ________ building permit, the applicant shall begin construction of the trail as shown on the exhibit/trail plan approved by the District. The applicant shall arrange for an inspection of the constructed trail with the Riverside County Regional Park and Open-Space District.

Prior to the issuance of the ________ building permit, the applicant shall provide written documentation to the Riverside County Planning Department and the Regional Park and Open-Space District that a trail maintenance mechanism is in place.

Prior to the issuance of the ________ building permit, the applicant shall complete construction of the trail(s) as shown on the exhibit/trail plan approved by the District and have scheduled an inspection with the District for its approval of the completed work.

Prior to the Issuance of Occupancy Permits  Milestone 90

Prior to the issuance of the ________ occupancy permit, the applicant shall complete construction of the trail(s) with all requirements of the trail exhibit/plan being met. The applicant will coordinate a final inspection with the Regional Park and Open-Space District or its representative.

Prior to the issuance of the ________ occupancy permit, the applicant shall provide written documentation to the Riverside County Planning Department and Regional Park and Open-Space District that the trail maintenance mechanism is in place.
Trail Maps

The attached maps are for reference only. For high resolution refer to Area Plans directory on this cd.