

**Council Members**

District 7: Brian Carnes - Chair

District 1: Terry Graham

District 6: Allen Blackmon

**County Attorney**

John K. DuBose III

**Clerk to Council**

Sherrie Simpson

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**October 16, 2019****6:30 PM****101 North Main Street  
Lancaster, SC 29720**

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**LANCASTER COUNTY  
Trail Advisory Committee  
County Council Chambers, County Administration Building, 101 North Main Street,  
Lancaster, SC 29720**

**AGENDA**

1. **Call to Order - Committee Chair Brian Carnes**
2. **Approval of the Agenda**  
*[deletions and additions of non-substantive matters]*
3. **Citizens Comments**
4. **Approval of Minutes**
  - a. Approval of Minutes from the September 11, 2019 Trail Advisory Committee Meetings
5. **Discussion/Action Items**
  - a. Report from Subcommittee
  - b. Review of the Unified Development Ordinance regarding Trails - Brian Carnes
6. **Adjournment**

*Anyone requiring special services to attend this meeting should contact 285-1565 at least 24 hours in advance of this meeting. Lancaster County Trail Advisory Committee agendas are posted at the Lancaster County Administration Building and are available on the Website: [www.mylancastersc.org](http://www.mylancastersc.org)*

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Sherrie Simpson/Clerk to Council

Department: County Clerk

Date Requested to be on Agenda: 10/16/2019

**Issue for Consideration:**

Approve or amend the minutes from the September 11, 2019 Trail Advisory Committee meeting.

**Points to Consider:**

The minutes from the September 11, 2019 Trail Advisory Committee meeting are attached for the Committee's review and approval.

**Funding and Liability Factors:**

N/A

**Options:**

The Committee can approve or amend the minutes.

**Recommendation:**

Approve the minutes as written.

**ATTACHMENTS:**

Description	Upload Date	Type
Draft Minutes from the 9-11-2019 Trail Advisory Committee Meeting	10/9/2019	Backup Material

**Council Members**

District 7: Brian Carnes - Chair  
District 1: Terry Graham  
District 6: Allen Blackmon



**County Attorney**  
John K. DuBose III

**Clerk to Council**  
Sherrie Simpson

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**September 11, 2019**

**6:30 PM**

**101 North Main Street  
Lancaster, SC 29720**

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**LANCASTER COUNTY  
Trail Advisory Committee  
County Council Chambers, County Administration Building, 101 North Main Street,  
Lancaster, SC 29720**

**MINUTES**

**DRAFT**

Committee members present at the Trail Advisory meeting were Council Member Brian Carnes, Council Member Terry Graham, Council Member Allen Blackmon, David Basri, Evan Freeman, John Irvin, Lauren Thomas, Sherri Gregory, Bret Baronak and Director of Parks and Recreation Hal Hiott. Committee members Beth Kuhn, Ed Carpenter, Bob Bundy and Rox Burhans were absent from the meeting. Also present at the Committee meeting were County Administrator Steve Willis and Clerk to Council Sherrie Simpson. A quorum of the Lancaster County Trail Advisory Committee was present for the meeting.

The following press were notified of the meeting via e-mail in accordance with the Freedom of Information Act: *The Lancaster News*, *Kershaw News-Era*, *The Rock Hill Herald*, Cable News 2, Channel 9 and the local Government Channel. The agenda was posted in the lobby of the County Administration building and also on the County website for the required length of time.

**Call to Order**

Brian Carnes called the Trail Advisory Committee meeting to order at approximately 6:35 p.m.

**Approval of the Agenda**

David Basri moved to approve the agenda. The motion was seconded by Sherri Gregory. The motion to approve the agenda passed by a vote of 10-0.

**Citizens Comments**

There were no citizens who signed up for or came forward to speak during Citizens Comments.

**Approval of Minutes**

Evan Freeman moved to approve the minutes from the July 10, 2019 Trail Advisory Committee meeting and the August 14, 2019 Trail Advisory Committee meeting. The motion was seconded by David Basri. The Committee approved the July 10, 2019 and the August 14, 2019 Committee meeting minutes by a vote of 10-0.

## Discussion/Action Items

- a. Discussion of ideas regarding the scope and purpose of Lancaster County potentially becoming a Local Chapter of the Carolina Thread Trail - Brian Carnes

David Basri provided and reviewed a handout entitled, "CTT Local Affiliate Chapters," which is attached as Schedule A to the written minutes in the Clerk to Council's office. Bret Baronak explained that the Carolina Thread Trail (CTT) Board had met and that a discussion regarding the local affiliate chapters was on the agenda; however, the meeting ran long and so it was not discussed. He explained that conceptually the Board is okay with the idea but that the Board still has to work out the details. The Committee discussed potential issues for the CTT Board. Bret Baronak stated that if the County had a number of trails that were not CTT trails then that could be an issue. The Committee discussed whether the local chapter should be involved with updating the CTT master plan. Sherri Gregory and Bret Baronak recommended that the local chapter have input on updating the master plan because they could develop a strategy of where the CTT should focus their efforts. Bret Baronak and the Committee agreed that the County and the CTT Board would need to have a Memorandum of Understanding.

The Committee discussed whether their objective had been met once a local chapter of the CTT has been formed. Brian Carnes suggested that forming this new organization is an integral part of what the Committee was tasked to do because it would provide the structure with which to work. The Committee discussed what their next steps should be while waiting to hear whether the CTT Board was going to agree to Lancaster County becoming a local chapter of their organization. The Committee discussed having speakers regarding how other Counties have funded trail maintenance and how to involve the corporate community in trail maintenance.

Bret Baronak explained potential concerns for the CTT Board in regards to local affiliates, which would be in the areas of: (1) accountability; (2) reporting requirements; and (3) increased workload for their staff. He explained that the CTT Board will meet in October and in November. The Committee discussed the potential formation of the Lancaster local chapter of the CTT.

Sherri Gregory explained that the Committee needed to continue to work on how the County could fund trail maintenance because establishing a local CTT chapter would only be one tool in the toolbox for funding trail maintenance. The Committee agreed that, while waiting to hear whether the CTT Board was going to agree to Lancaster County becoming a local chapter of their organization, they would look at public funding models as a part of the larger fundraising efforts. The Committee also discussed the need to review the County's Unified Development Ordinance regarding trails to see if it needs to be strengthened, to look at access points for trail safety and to look at possible public financing, such as hospitality funds.

Sherri Gregory left the meeting at approximately 7:35 p.m.

## Adjournment

Evan Freeman moved to adjourn the Trail Advisory Committee meeting. The motion was seconded by Allen Blackmon. The motion to adjourn passed by a vote 9-0. There being no further business, the Trail Advisory Committee meeting adjourned at approximately 7:45 p.m.

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Brian Carnes/Committee Chairman

Department: Administration

Date Requested to be on Agenda: 10/16/2019

**Issue for Consideration:**

Review of the Unified Development Ordinance's sections regarding trails to determine if they need updating.

**Points to Consider:**

Attached are the Unified Development Ordinances sections regarding the Carolina Thread Trail.

**Funding and Liability Factors:**

N/A

**Options:**

Discussion only.

**Recommendation:**

Discussion only.

**ATTACHMENTS:**

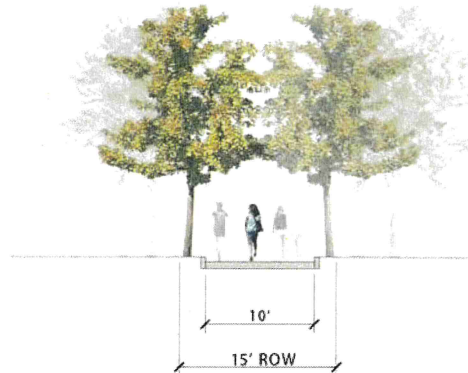
Description	Upload Date	Type
UDO Section regarding Carolina Thread Trail Easement and Trail Width	10/8/2019	Backup Material
UDO Section regarding Carolina Thread Trail Overlay District	10/8/2019	Backup Material
UDO Section regarding Carolina Thread Trail Sidewalk Substitute	10/8/2019	Backup Material
UDO Section regarding Multi-Use Path Detail	10/8/2019	Backup Material
UDO Section regarding Trail Detail 1 and 2	10/8/2019	Backup Material



**6.6.3 GREENWAYS**

Where greenways, are required by this ordinance, the Lancaster County Carolina Thread Trail Master Plan, or any other adopted plans, such facilities shall meet the following minimum requirements:

- A. Pavement Width:** 10 feet
- B. Easement Width:** 15 feet
- C. Connections:** Greenway stubs at property lines should be placed in areas that are easily accessible for future connectivity through adjacent parcels.
- D. Surface Materials:** Compact gravel, concrete, asphalt, or other material approved by the Administrator.

**6.6.4 PEDESTRIAN CROSSWALKS**

Mid-block crossings, bulb-outs, raised crosswalks, and similar crossing techniques should be commonly used to accommodate pedestrians when appropriate for traffic conditions and site specific situations as directed by the Administrator. All designs shall be consistent with an approved development master plan, site plan, or subdivision plat.

- A. Curb Ramps:** Wherever sidewalks, pedestrian/bicycle accessways, greenways, or other pedestrian facilities intersect streets with curb and gutter drainage, curb cuts and ramps commonly used to provide accessibility for persons with disabilities shall be provided. Where sidewalks are not required, the curb return shall be depressed to allow for the future connection of curb ramps.
- B. Midblock Crosswalk:** A pedestrian crosswalk not less than 10 feet in width shall be required across any street segment in excess of 800 feet in length where deemed essential by the Administrator to provide adequate access to any school, shopping center, worship center, park, or transportation facility. When required such crosswalks shall utilize ladder striping to enhance their visibility.

**6.7 BICYCLE FACILITIES**

- **Facilities Designated by Adopted Plans:** Bike lanes or separate off-street multi-use paths shall be installed on developer-built or modified roadways where designated for such by the Carolina Thread Trail Lancaster County Master Plan and any other adopted plans.
- **Reservation Required:** Where a proposed development is adjacent to required bikeway facilities as outlined above, but does not include the construction of new streets, or the modification of existing streets, the developer shall reserve right-of-way and/or easement sufficient to accommodate the appropriate bikeway facility. Refer to Chapter 4, Carolina Thread Trail Overlay District.
- **Design Standards:** Bike lanes and bike paths shall be designed according to the AASHTO Guide for the Development of Bicycle Facilities published by Federal Highway Administration and shall include all appropriate signage and pavement markings. Variations from the standards may be allowed subject to approval from the Administrator based on the standards below.

### C. RESTRICTIONS AND LIMITATIONS EXCLUSIONS

The purchase of credits from the Carolina Heelsplitter Conservation Bank requirement does not apply to the installation, maintenance, or operation of water and sewer services by Lancaster County Water and Sewer District. Although not subject to the purchase of credits, all projects conducted by the Lancaster County Water and Sewer District are required to be submitted to the U. S. Fish and Wildlife Service for review and assurance of appropriate BMPs and other applicable regulations as noted in Section 4.2.2.A.

## 4.3 CORRIDOR OVERLAYS

### 4.3.1 CAROLINA THREAD TRAIL OVERLAY DISTRICT (CTTO)

The Carolina Thread Trail Overlay District is hereby established and is subject to the following general provisions:

#### A. PURPOSE AND INTENT

The Carolina Thread Trail Overlay District is established to preserve and enhance trail corridors identified in the Lancaster County Carolina Thread Trail Master Plan adopted by the County on October 24, 2011. The Carolina Thread Trail is a 15-county regional trail network in North and South Carolina that will connect 2.3 million residents to local and regional destinations. The Lancaster County Carolina Thread Trail Master Plan identifies four categories for greenway benefits: 1) Connecting communities by providing neighborhood connections, connecting communities to nature, and building regional partnerships; 2) Health benefits through encouraging physical activity and relieving stress and improving psychological health; 3) Economic impacts of increasing property values, attracting tourism, and fostering new businesses and retaining nearby businesses; and 4) Environmental benefits through preserving and protecting natural and agricultural land uses and improving water quality.

#### B. DISTRICT BOUNDARIES AND APPLICABILITY

The Carolina Thread Trail Overlay District boundaries include all parcels that fall within the trail corridors identified on the Lancaster County Carolina Thread Trail Master Plan. These corridors are identified along rivers, roads, and abandoned rail corridors. The general requirements and development standards are applicable to all parcels for major land subdivision and development along the trail corridors in the Lancaster County Carolina Thread Trail Master Plan.

#### C. GENERAL REQUIREMENTS AND DEVELOPMENT STANDARDS

Every subdivider developing a major subdivision of land in the Carolina Thread Trail Overlay District shall:

1. Dedicate a portion of such land, as set forth in this ordinance, to be used for public use. (See Code of Laws of South Carolina 5-23-43.)
2. Additionally, construct a Pedestrian Trail in the subdivision. Minimum design standards for the construction of a hard surface Pedestrian Trail are shown in Appendix C, MSSD. A soft surface trail may be considered depending upon location, topography and need. The amount of land required for the trail, including right-of-way, can be utilized to meet the amenity/open space requirements.
3. A density bonus of up to 10 percent may be considered by the Planning Commission and County Council when the dedicated land is proposed to be used by the community at large in an effort to meet identified County-wide recreational needs.

#### D. EXCEPTIONS AND NON-CONFORMING SITUATIONS

Exceptions to the Carolina Thread Trail Overlay District General Requirements and Development Standards shall be considered by the Administrator upon consideration of

topographic conditions that necessitates a reduction in the perpetual easement while still achieving the purpose and intent of the Lancaster County Carolina Thread Trail Overlay District.

Other exemptions shall include the following:

1. The combination or recombination of portions of previously subdivided and recorded lots where the total number of lots is not increased, the resultant lots are equal to or exceed the Unified Development Ordinance requirements of the County, and no new street construction is involved.
2. The division of land into parcels greater than 10 acres in size where no new street construction is involved.
3. The public acquisition by purchase of strips of land for the widening or opening of streets.
4. The conveyance to lineal descendants for the purpose of dividing real estate among said lineal descendants. At such time that any lineal descendants or their successors in interest develop or build upon their respective property, the property must conform in all respects to the regulations of Lancaster County.

#### **4.3.2 HIGHWAY CORRIDOR OVERLAY DISTRICT (HCO)**

The Highway Corridor Overlay District is hereby established and is subject to the following general provisions:

##### **A. PURPOSE AND INTENT**

The Highway Corridor Overlay District is established to preserve and enhance corridors that serve as major gateways leading to, from, and within Lancaster County. As both commercial and residential land uses exist along such corridors, there is a desire of the residents of Lancaster County to provide standards relative to connectivity, aesthetic appearance, and safety along major gateways. The land use recommendations and design requirements contained in the Highway Corridor Overlay District are the result of a community-wide effort. As such, the intent of this district is to provide unified land development regulations that promote a sense of place and create consistency along significant corridors by improving the visual character of adjacent development. Appendix B, Highway Corridor Overlay District Supplementary Diagrams is attached as a reference for the vision and intent of the HCO.

##### **B. DISTRICT BOUNDARIES AND APPLICABILITY**

The Highway Corridor Overlay District applies to the following:

1. The County Council shall designate the property that is subject to the provisions of the Highway Corridor Overlay District by rezoning the properties in accordance with the procedures and requirements applicable to map amendments. In general, for those highways identified for Highway Corridor Overlay District status, the district designation shall apply to all parcels fronting on or within 1,000 feet of the right-of-way of the designated highway. Only the following highways are designated as a Highway Corridor Overlay District:
  - a. US Highway 521 from SC Highway 75 (Waxhaw Highway) northward to the North/South Carolina state line; and
  - b. SC Highway 160 from US Highway 521 westward to the York/Lancaster County line.
2. The Highway Corridor Overlay District development regulations, as set forth in the Highway Corridor Overlay District, apply to all uses on the properties zoned Highway Corridor Overlay District except for single family housing as identified in Section 2.5, Permitted Uses. The development regulations applicable to single family housing are the development regulations of the underlying zoning district.
3. Any property within the Highway Corridor Overlay District zoned and used for industrial use, LI and HI, shall be subject to the provisions set forth in Section 4.3.2.N; and

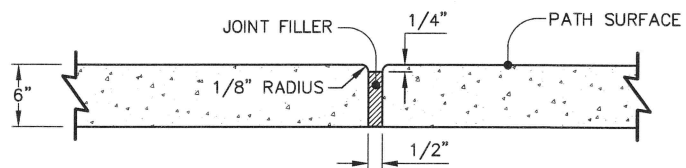
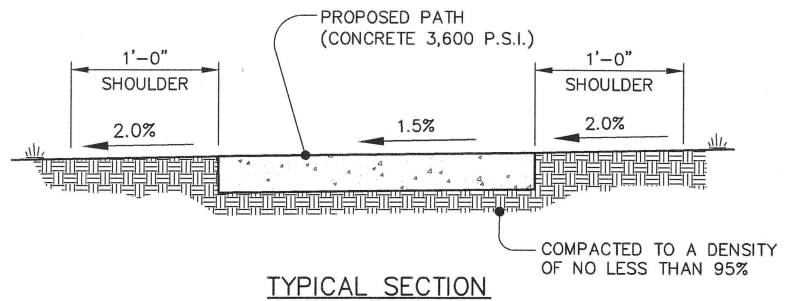
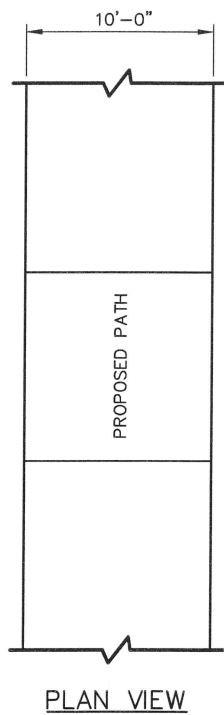


2. Multi-family and commercial developments shall provide sidewalks for the interior movement of pedestrians and to connect the sidewalk system to building entrances and parking areas.
  3. Within commercial areas and places with high pedestrian volumes, sidewalks should be designed to meet the anticipated pedestrian/traffic volume as well as accommodate outdoor seating areas.
  4. Sidewalks shall be constructed of concrete or other approved materials (such as pavers) and built in accordance with Appendix C, MSSD.
  5. Where a planting strip cannot be provided due to right-of-way, topographic, or existing building constraints, and therefore the sidewalk must be located immediately adjacent to the curb, the minimum required width of the sidewalk shall increase by one foot. Where, due to similar constraints, a sidewalk abuts a landscape or building wall of any kind, the minimum sidewalk width shall increase by one foot.
  6. Where a multi-use path or greenway is planned in the Lancaster County Carolina Thread Trail Master Plan and is located within the street right-of-way, such facilities shall be constructed in lieu of a normal sidewalk.
- C. Alternative Compliance:** Alternative provisions for pedestrian movement meeting the intent of this section may be used where unreasonable or impractical situations would result from application of these requirements. Such situations may result from significant street trees, impending road widening, topography, utility easements, lot configuration, or other unusual site conditions. In such instances, the Administrator may approve an alternate plan that proposes different pedestrian amenities provided that the intent of this section is fulfilled.
- D. Exceptions:** The Administrator may approve an exception where any one or a combination of the following factors render compliance impractical:
1. Steep slopes; and/or
  2. Absence of existing sidewalks along the corridor and in the general neighborhood.

#### 6.6.2 PEDESTRIAN / BICYCLE ACCESSWAYS

Where pedestrian/bicycle accessways are required, such facilities shall meet the following minimum requirements:

- A. Pavement Width:** 6 feet
- B. Easement Width:** 10 feet
- C. Surface Materials:** The surface of accessways shall be constructed of a smooth, compactable material that is accessible for wheelchairs and strollers. Acceptable materials include asphalt, concrete, and crushed stone.



**NOTES:**

1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 50 FEET.
2. ALL CONCRETE TO BE FINISHED WITH CURING COMPOUND.
3. A 6 INCH DEPTH IS REQUIRED.
4. SAW CUT JOINTS EVERY 10 FEET OR WIDTH.
5. NO UTILITY SURFACE COVERS/PLATES/MANHOLES (i.e. WATERLINE VALVE COVERS, ETC.) SHALL BE LOCATED WITHIN TRAIL AND SHALL BE MINIMUM 2 FEET FROM THE EDGE OF TRAIL.
6. ALL TRAILS SHALL BE LOCATED MINIMUM 5 FEET FROM THE BACK OF CURB.



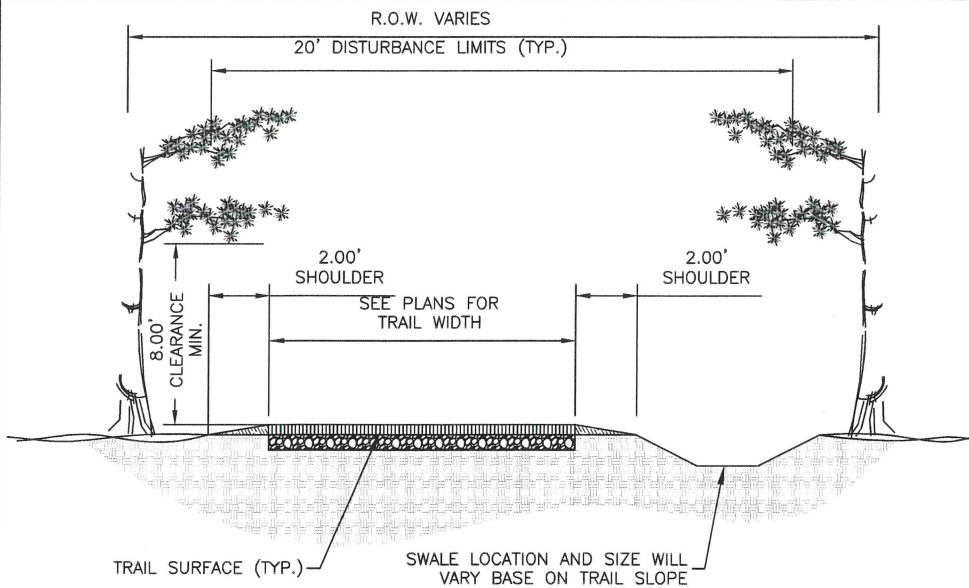
EFFECTIVE  
DATE  
11/26/2016

**REVISIONS:**

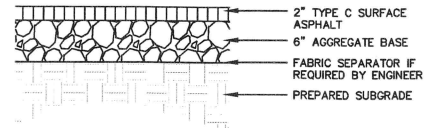

**STANDARD CONCRETE MULTI-USE PATH**

DETAIL No.

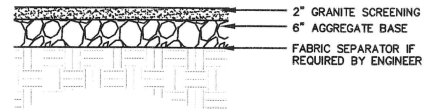
R15  
SHEET 1 OF 1



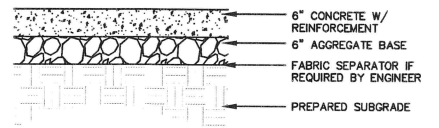
#### ASPHALT SURFACE



#### GRAVEL SURFACE



#### CONCRETE SURFACE



#### NOTES:

- 1.) ALL TRAIL MATERIAL SHALL COMPLY WITH GEOTECHNICAL REPORT AND BE APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT.
- 2.) THE CONTRACTOR IS RESPONSIBLE FOR STABILIZING ALL DISTURBED AREAS OF TRAIL CONSTRUCTION.
- 3.) ALL LAND CLEARING SHALL BE CONTAINED WITHIN A 20' LIMIT OF DISTURBANCE. SEE PLANS FOR LIMIT OF DISTURBANCE.
- 4.) ALL LAND CLEARING, GRUBBING, AND DEMOLITION MATERIALS SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
- 5.) ALL TREES WITH DIAMETERS 6" OR GREATER SHALL BE FLAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT/OWNER BEFORE REMOVAL.
- 6.) THE CONTRACTOR IS TO ENSURE POSITIVE DRAINAGE FOR THE ENTIRE TRAIL AREA AND NO PONDING SHALL OCCUR.
- 7.) ALL TRAIL ARE TO HAVE A CROSS SLOPE OR BE CROWNED WITH A 1% MIN. AND 2% MAX SLOPE.
- 8.) ALL PROOF ROLLS SHALL BE COMPLETE USING TANDEM AXLE 15 TON MIN. CONSTRUCTION EQUIPMENT.
- 9.) REFER TO CONSTRUCTION PLAN FOR ADDITIONAL INFORMATION.
- 10.) ALL NATURAL SURFACE TRAILS SHALL MEET THE GUIDELINE OF THE NATIONAL FOREST SERVICE. SEE "Accessibility Guidebook for Outdoor Recreation and Trails" <http://www.fs.fed.us/recreation/programs/accessibility/pubs/htmlpubs/htm12232806/toc.htm>



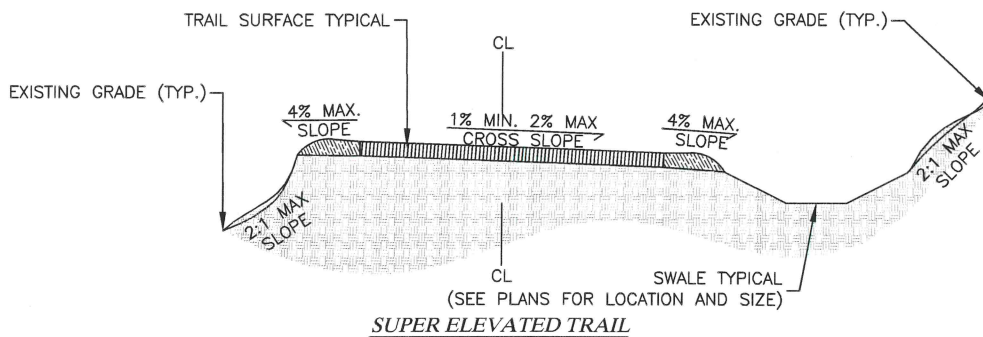
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11/26/2016

#### REVISIONS:

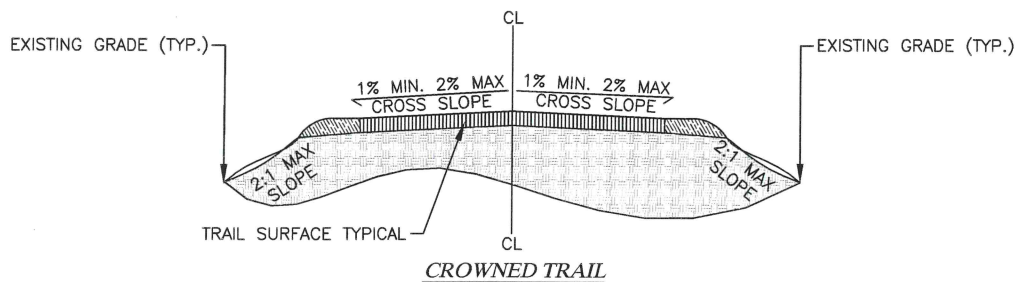

#### TRAIL DETAIL

DETAIL No.

R19  
SHEET 1 OF 2



- NOTES:  
 1.) SEE PLANS FOR DETERMINATION FOR TRAIL SLOPES.  
 2.) SIDE SLOPE USED TO TIE INTO EXISTING GRADE SHALL NOT EXCEED 2:1.



TRAIL WIDTH REQUIREMENTS

TRAIL TYPE	TRAIL WIDTH
SHARED USE TRAIL	10' MIN. - 12' PREFERRED (2' MIN. SHOULDER ON BOTH SIDES OF TRAIL)
FOOTPATH HIKING	3' MIN. - 6' PREFERRED
BOARDWALKS	8' MIN. (UP TO 14' IF EMERGENCY VEHICLES IS REQUIRED)
EQUESTRIAN	4' MIN. - 6' PREFERRED (CAN BE ADDED TO ONE SIDE OF SHARED USE TRAIL)

NOTE: IN HIGH USE ZONES THE COUNTY RESERVES THE RIGHT TO INCREASE THE WIDTH OF SHARED USE TRAILS UP TO 14'



EFFECTIVE DATE	REVISIONS:
11/26/2016	1 6/11/2018

TRAIL DETAIL

DETAIL No.
R19
SHEET 2 OF 2