



Image Credit: Fairfax County

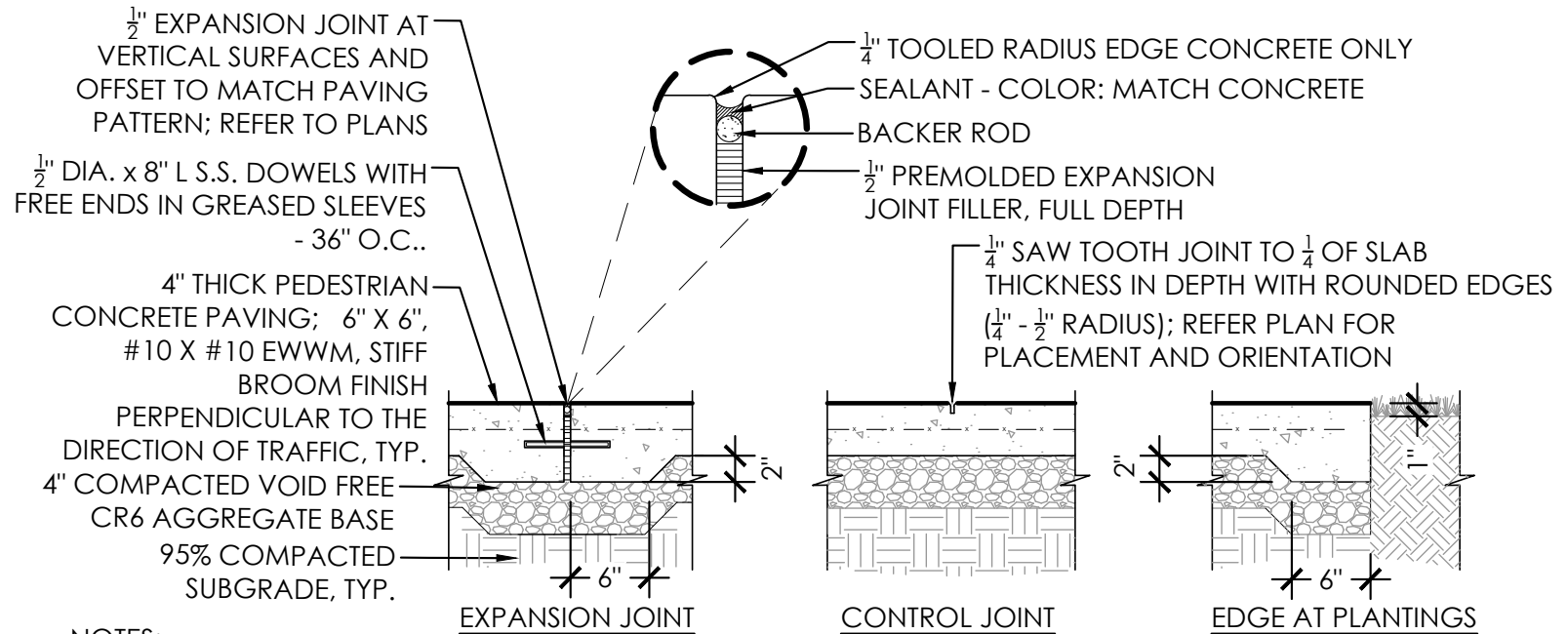
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APPENDIX

- A1 Sidewalk Paving Construction Details**
- A2 List of Activities in Urban Parks**
- A3 Fairfax County Reference Materials**

A1 SIDEWALK PAVING CONSTRUCTION DETAILS

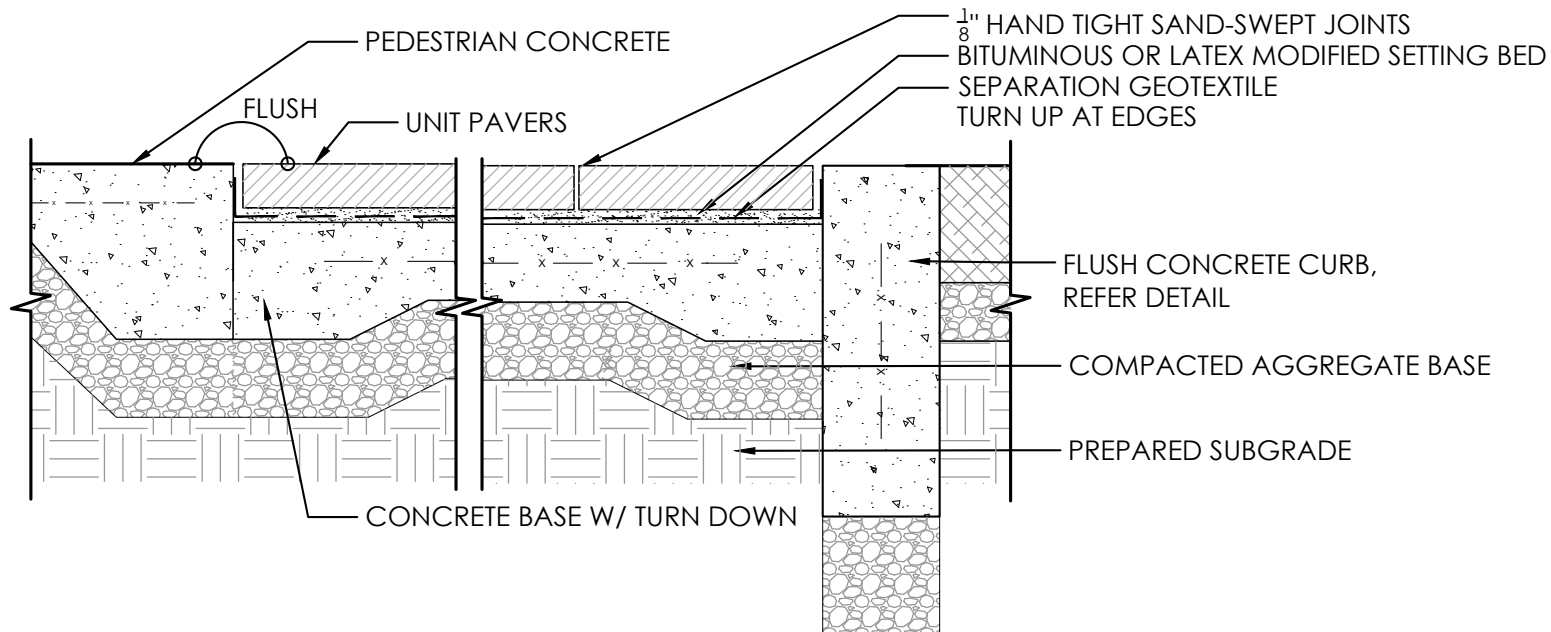
FIGURE A-1: PEDESTRIAN CONCRETE PAVING DETAIL



NOTES:

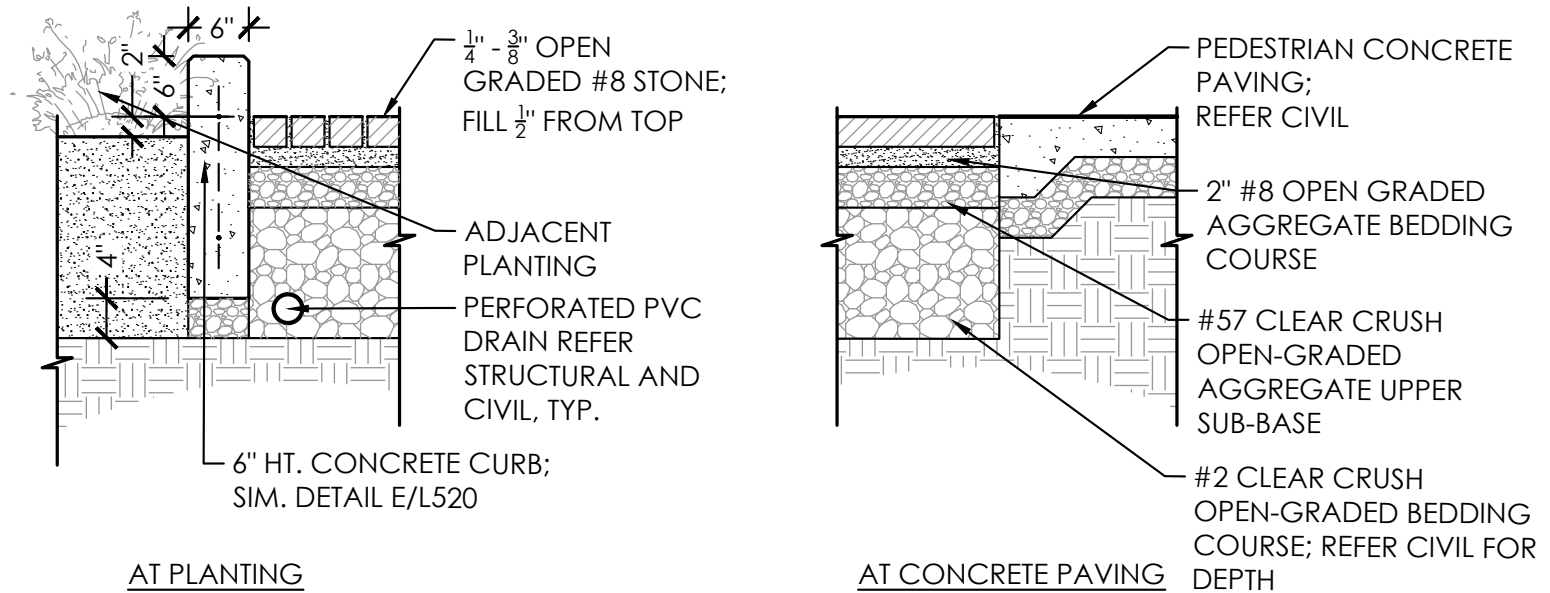
1. CONDITIONS VARY, PROVIDE EXPANSION JOINT WHERE WALKS ARE POURED AGAINST VERTICAL SURFACES AND/OR DIFFERENT PAVING MATERIALS AND AS SPECIFIED IN CIVIL DRAWINGS. EXPANSION JOINTS SHALL OCCUR EVERY 400 SF OR 20 LF IN SIDEWALKS.
2. MEET 1" ABOVE ADJACENT FINISHED LAWN AND PLANTING AREA GRADES.
3. REMOVE TOOL MARKS.
4. CROSS SLOPES ON SIDEWALKS MUST NOT BE LESS THAN 1% OR EXCEED 2%. MANHOLES, VALVE BOXES AND OTHER AT GRADE UTILITIES AND COVERS MUST BE ADJUSTED TO MEET FINISH GRADE.

FIGURE A-2: UNIT PAVER PAVING DETAIL

**NOTES:**

1. INSTALL PAVER COURSES IN STRAIGHT LINES AND TRUE ARCS AND TANGENTS.
2. FOR ALL CUTS, REPLICATE EDGE CONDITION OF UNCUT UNIT.
3. INSTALL CUT UNITS MIN. 10 UNITS FROM ENDS OF COURSE. CUT UNITS LESS THAN $\frac{1}{2}$ PAVER DIMENSION ARE PROHIBITED. REMOVE CUT UNIT AND 2 ADJACENT UNITS; INSTALL 3 EQUAL CUT UNITS.
4. FOR RADIAL COURSES, INSTALL SYMMETRICALLY CUT UNITS AT REGULAR INTERVALS. CUT EACH UNIT FOR SMALLER RADII AND AS DIRECTED BY ARCHITECT.

FIGURE A-3: PERMEABLE PAVER PAVING DETAIL



NOTES:

PROVIDE 5' X 5' PAVING MOCK-UP AT EDGE CONDITION FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION DO NOT REMOVE OR DESTROY MOCK-UPS UNTIL CONSTRUCTION IS COMPLETE

CURB NOTES:

1. PROVIDE FULL DEPTH EXPANSION JOINTS AT 30'-0" O.C. MAX. AND AT ALL CORNER LOCATIONS.
2. PROVIDE 1/2" CHAMFER ON ALL EXPOSED EDGES OF CURB.
3. PROVIDE LIGHT BROOM FINISH ON ALL EXPOSED CONCRETE, DIRECTION SHALL BE PERPENDICULAR TO THE LENGTH.

A2 LIST OF ACTIVITIES IN URBAN PARKS

TABLE A-1

ACTIVE RECREATION IN URBAN PARK USES	SOCIAL GATHERING IN URBAN PARK USES
<ul style="list-style-type: none"> • Obstacle/agility course • Fitness classes (e.g., yoga, bootcamp, aerobics, martial arts) • Track & field day • Playgrounds (climbable facilities for all ages) • Dog park • Fitness stations • Court sports (e.g., tennis, basketball, pickleball, etc.) • Outdoor gym • Trails/walking paths • Interactive art • Ping pong 	<ul style="list-style-type: none"> • Markets (e.g., farmers, specialty market, etc.) • Outdoor movie nights • Food festivals/Food trucks • Picnic facilities/picnic pavilions • Pumpkin patch • Winter tree lighting ceremony • Carousel • Public piano
PASSIVE/CONTEMPLATIVE RECREATION IN URBAN PARK USES	NATURAL/CULTURAL RECREATION IN URBAN PARK USES
<ul style="list-style-type: none"> • Trails/walking paths • Green spaces • Open play areas • Seating areas with shade • Swinging chairs • Hammock • Public art • Gathering spaces, conversational seating • Meditation space • Shade Trellis • Gardening spaces/community garden • Recreational trail • Sound sculptures • Bike-repair station • Bike share station/Capital Bike Share • Signature water feature/fountain • Educational signage • Lounge/Adirondack chairs • Display space for youth art 	<ul style="list-style-type: none"> • Performances (e.g., music, dance, theater, etc.) • Stage/Amphitheater • Birdwatching • Wildlife viewing with interpretive/educational signage • Heritage trail / history trail • Butterfly / pollinator garden • Nature paths / nature walks • Ethnic festivals/Cultural fairs • Interactive nature play • Interactive water recreation/water crossings • Natural area/wildlife observation platform

A3 FAIRFAX COUNTY REFERENCE MATERIALS

Arts Fairfax
<https://artsfairfax.org/>

Fairfax County Bicycle Master Plan
<https://www.fairfaxcounty.gov/transportation/bike/master-plan>

FCDOT Bicycle Parking Guidelines: Bicycle Parking Requirement for Urban Centers and Transit Station Areas
www.fairfaxcounty.gov/transportation/sites/transportation/files/assets/documents/pdf/bikeprogram/fcdot_bicycle_parking_guidelines_final2.pdf

Fairfax County's Comprehensive Plan
<https://www.fairfaxcounty.gov/planning-zoning/fairfax-county-comprehensive-plan>

Fairfax County's Comprehensive Plan - Policy Plan
<https://www.fairfaxcounty.gov/planning-zoning/comprehensive-plan/policy-plan>

Fairfax County Environmental Quality Advisory Council
<https://www.fairfaxcounty.gov/planning-zoning/environmental-quality-advisory-council>

Fairfax County Department of Planning and Development Community Revitalization Section
www.fcrevit.org

Fairfax County's Policy Plan Environment Element, Objective 13
<https://www.fairfaxcounty.gov/planning-development/sites/planning-development/files/assets/compplan/policy/environment.pdf>

Fairfax County Public Facilities Manual (PFM)
www.fairfaxcounty.gov/landdevelopment/public-facilities-manual

Fairfax County Sustainability Initiatives:
<https://www.fairfaxcounty.gov/environment-energy-coordination/sustainability-initiatives>

Fairfax County Urban Parks Framework, Appendix 2 in the Comprehensive Plan, Policy Plan
<https://www.fairfaxcounty.gov/planning-development/sites/planning-development/files/assets/compplan/policy/parksrec.pdf>

Fairfax County's Zoning Ordinance
<https://www.fairfaxcounty.gov/planning-zoning/zoning-ordinance>

Fairfax County's Sign Ordinance
<https://www.fairfaxcounty.gov/planning-development/zoning/sign-ordinance>

Fairfax County's Zoning Ordinance, Outdoor Lighting Standards
<https://www.fairfaxcounty.gov/planning-development/zoning-ordinance/outdoor-lighting>

One Fairfax Policy
<https://www.fairfaxcounty.gov/topics/one-fairfax>

ADDITIONAL REFERENCE MATERIALS

American Bird Conservancy Bird Friendly Building Design
https://abcbirds.org/wp-content/uploads/2015/04/Bird-friendly_Building_Guide_WEB.pdf

Federal Highway Administration (FHWA) Separated Bike Lane Planning and Design Guide
https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/separated_bikelane_pdg/page00.cfm

International Dark-Sky Association
www.darksky.org/

National Association of City Transportation Officials (NACTO)
Urban Bike Design Guidelines

<https://nacto.org/publication/urban-bikeway-design-guide/>

National Association of City Transportation Officials (NACTO)
Urban Street Stormwater Guide

<https://nacto.org/publication/urban-street-stormwater-guide/>

Project for Public Spaces

<https://www.pps.org/>

US Green Building Council's Leadership in Energy and
Environmental Design (LEED)

<https://new.usgbc.org/leed>

US Green Building Council's Sustainable Sites Initiative (SITES)

www.sustainablesites.org/

National Street Design Reference Materials

American Association of State Highway and Transportation
Officials (AASHTO) "Policy on Geometric Design of Highways and
Streets"

<https://www.transportation.org/>

Americans with Disabilities Act Accessibility Standards

<https://www.access-board.gov/ada/>

Design and Safety of Pedestrian Facilities: A Recommended
Practice of the Institute of Transportation Engineers (ITE)

https://safety.fhwa.dot.gov/ped_bike/docs/designsafety.pdf

Manual on Uniform Traffic Control Devices (MUTCD)

<https://mutcd.fhwa.dot.gov/>

National Association of City Transportation Officials (NACTO)
Urban Street Design Guide

<https://nacto.org/publication/urban-street-design-guide/>

Virginia Street Design Reference Materials

Virginia Department of Transportation's Drainage Manual

<http://www.virginiadot.org/business/locdes/hydra-drainage-manual.asp>

Virginia Department of Transportation's Road and Bridge
Specifications

www.virginiadot.org/business/const/spec-default.asp

Virginia Department of Transportation's Road Design Manual

www.virginiadot.org/business/locdes/rdmanual-index.asp

Virginia Department of Transportation and Department of Rail
and Public Transportation's Multimodal System Design Guidelines

<https://www.drpt.virginia.gov/guidelines-and-requirements/multimodal-system-design-guidelines/>

Virginia Trees and Plants Reference Materials

Earth Sanga

<http://www.earthsangha.org/>

Plant NOVA Natives

<http://www.plantnovanatives.org/>

US Fish and Wildlife Service - Native Plants for Wildlife Habitat and
Conservation Landscaping - Chesapeake Bay Watershed

<https://www.fws.gov/sites/default/files/documents/native-plants-for-wildlife-habitat-and-conservation-landscaping-in-the-chesapeake-bay-watershed.pdf>



A Fairfax County, Virginia Publication
April 2023

Office of Community Revitalization
12055 Government Center Parkway, Suite 700
Fairfax, Virginia 22035
www.fcrevit.org



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