## Summary of Standard Drawing Changes
### April 2019

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PC.A5.1 Updated Note 1
PC.A5.2 Updated Note 1
PC.A9.1 Changed minimum depth of roadway
PC.A9.2 Changed minimum depth of roadway, Added Note 3
PC.A10.1 Changed minimum depth of roadway, Updated Note 4
PC.A10.2 Changed minimum depth of roadway, Updated Note 3, Added Notes 4 & 5
PC.A11.1 NEW: Minimum Structural Sections for Shared Access, Alley Ways and Lot Access
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.FB.1.

5) ENGINEERED PAVEMENT DESIGN REQUIRED. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

6) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL. (NOT TO SCALE)
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

6) ENGINEERED PAVEMENT DESIGN REQUIRED. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

(POT TO SCALE)
NOTES:
1) NO SIDEWALK ALLOWED WITHOUT BUFFER IN LIEU OF SHOULDER, SEE STANDARD DRAWING PC.A1.4.
2) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.
3) ENGINEERED PAVEMENT DESIGN REQUIRED. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.
4) ALTERNATE SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.
5) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

ARIEL WITH ASPHALT CONCRETE BARRIER CURB AND SHOULDER, CLOSED DRAINAGE
STANDARD DRAWING PC.A1.3

APPROVED BY:
COUNTY ENGINEER

DATE: 4/1/19
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PCF7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

6) ENGINEERED PAVEMENT DESIGN REQUIRED. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

(PREVIOUS PAGE)
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PCF7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) CRUSHED SURFACING BASE COURSE MAY BE USED IN place OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

6) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.E8.1.

5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

6) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

Pierce County
Planning & Public Works
Office of the County Engineer

LOCAL ROAD FEEDER WITH CEMENT CONCRETE TRAFFIC CURB AND GUTTER, BUFFER AND SIDEWALK, CLOSED DRAINAGE

STANDARD DRAWING PC.A2.2

APPROVED BY: COUNTY ENGINEER

DATE: 4-1-19
NOTES:

1) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

2) SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.

3) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

4) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
NOTES:
1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PCF7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.
2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.
3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.
4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.
5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
6) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.
7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

Pierce County
Planning & Public Works
Office of the County Engineer

LOCAL ROAD FEEDER WITH ASPHALT CONCRETE BARRIER CURB, BUFFER AND SIDEWALK, CLOSED DRAINAGE
STANDARD DRAWING PC.A2.4

APPROVED BY:
COUNTY ENGINEER
4-1-19
DATE
1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PCF7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

6) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

(NOT TO SCALE)
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PCF7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

6) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

NOT TO SCALE

LOCAL ROAD MINOR AND CUL-DE-SAC WITH CEMENT CONCRETE TRAFFIC CURB AND GUTTER, BUFFER AND SIDEWALK, CLOSED DRAINAGE

STANDARD DRAWING PC.A3.2
NOTES:

1) FOR CURBS, SEE STANDARD DRAWING PC.FR.1.

2) SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.

3) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

4) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

LOCAL ROAD MINOR AND CUL-DE-SAC WITH ASPHALT CONCRETE RAISED EDGE AND SHOULDER, CLOSED DRAINAGE

STANDARD DRAWING PC.A3.3
NOTES:

1) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

2) FOR PAVED WALKWAY, SEE STANDARD DRAWING PC.F7.1.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) BUFFER TO BE NATIVE VEGETATION, GRASS OR GROUND COVER NOT TO EXCEED 24" IN HEIGHT ABOVE THE ROADWAY SURFACE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

6) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

7) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

Local Road Minor and Cul-De-Sac
With Asphalt Concrete Raised Edge, Buffer and Sidewalk, Closed Drainage

NOT TO SCALE

Pierce County
Planning & Public Works
Office of the County Engineer

APPROVED BY: COUNTY ENGINEER

DATE 4-1-19

STANDARD DRAWING PC.A3.4
NOTES:

1) PARKING SHALL BE PROVIDED ON ONE SIDE OF THE STREET ONLY.

2) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

6) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
NOTES:

1) FOR SIDEWALK RAMPS, SEE STANDARD DRAWING PC.FB.4 AND PC.FB.5. CEMENT CONCRETE CURB RAMP TYPE 1 PC (PERPENDICULAR). RAMPS ARE TYPICALLY LOCATED AT THE 1/4 RADIUS POINTS.

2) SEE STANDARD DRAWING PC.A3.5 FOR LOCAL ROAD MINOR WITH PARKING DETAILS.

(NOT TO SCALE)
NOTES:

1) FOR SIDEWALK RAMPS, SEE STANDARD DRAWING PC.F8.4 AND PC.F8.5. CEMENT CONCRETE CURB RAMP TYPE 1 PC (PERPENDICULAR). RAMPS ARE TYPICALLY LOCATED AT THE 1/4 RADIUS POINTS.

2) SEE STANDARD DRAWING PC.A3.5 FOR LOCAL ROAD MINOR WITH PARKING DETAILS.

(NOT TO SCALE)
NOTES:

1) SAFETY EDGE SHALL BE PLACED AT EDGE OF PAVEMENT, SEE STANDARD DRAWING PC.A10.3.

2) SHOULDER MAY BE PAVED FOR:
   MAJOR ARTERIALS;
   SECONDARY ARTERIALS IN URBAN AREAS;
   SECONDARY ARTERIALS IN RURAL AREAS WITH SPEED LIMITS OVER 35 MPH.
   SHOULDER PAVING SECTION MUST BE THE SAME AS ROAD SECTION AND SHALL INCLUDE SAFETY EDGE AT EDGE OF PAVEMENT.

3) SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.

4) ENGINEERED PAVEMENT DESIGN REQUIRED. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

5) DRAINAGE NEEDS TO MEET REQUIREMENTS OF PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

NOT TO SCALE

Pierce County
Planning & Public Works
Office of the County Engineer

APPROVED BY:
COUNTY ENGINEER

DATE

ARTERIAL,
OPEN DRAINAGE

STANDARD DRAWING PC.A4.1
NOTES:

1) SAFETY EDGE SHALL BE PLACED AT EDGE OF PAVEMENT, SEE STANDARD DRAWING PC.A10.3.

2) SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.

3) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

4) DRAINAGE NEEDS TO MEET REQUIREMENTS OF PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

(NOT TO SCALE)
NOTES:

1) SAFETY EDGE SHALL BE PLACED AT EDGE OF PAVEMENT, SEE STANDARD DRAWING PC.A10.3.

2) SHOULDER MATERIAL, 2" COMPACTED DEPTH OF EITHER CRUSHED SURFACING TOP COURSE OR CRUSHED SURFACING BASE COURSE. RECYCLED MATERIAL SHALL NOT BE ALLOWED IN THE SHOULDER SURFACING.

3) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

4) DRAINAGE NEEDS TO MEET REQUIREMENTS OF PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

LOCAL ROAD
CUL-DE-SAC, OPEN DRAINAGE

STANDARD DRAWING PC.A4.3

APPROVED BY: COUNTY ENGINEER

DATE: 4-1-19
NOTES:

1) LENGTH MEASURED ALONG CENTER LINE; SHALL BE A MINIMUM 100 FEET AND A MAXIMUM 1,000 FEET.

2) RADIUS OF CUL-DE-SAC TO FLOW LINE OF ASPHALT RAISED EDGE = 41 FEET.

(POT TO SCALE)
NOTES:
1) LENGTH MEASURED ALONG CENTER LINE; SHALL BE A MINIMUM 100 FEET AND A MAXIMUM 1,000 FEET.
2) RADIUS OF CUL-DE-SAC TO FLOW LINE OF ASPHALT RAISED EDGE = 41 FEET.
3) MAXIMUM OFFSET: X' = 40 - Y'/2
4) PIERCE COUNTY STANDARD MONUMENT TO BE INSTALLED AT BOTH THE CENTER OF THE CUL-DE-SAC AND AT THE OFFSET POINT ON THE CENTERLINE OF THE STEM.

(NOT TO SCALE)
NOTES:

1) NO ON STREET PARKING ALLOWED.

2) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

3) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.
NOTES:

1) PARKING SHALL BE PROVIDED ON ONE SIDE OF THE STREET ONLY.

2) FOR SIDEWALK, SEE STANDARD DRAWING PC.F7.1 AND PC.F7.2. SIDEWALKS SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS.

3) SIDEWALKS ARE REQUIRED ON BOTH SIDES OF THE NEWLY CONSTRUCTED OR RECONSTRUCTED ROADS. HOWEVER, WHEN IT CAN BE SHOWN THAT THERE ARE NO PRESENT OR FUTURE PEDESTRIAN NEEDS TO BE SERVED, THE COUNTY ENGINEER OR HIS/HER DESIGNEE MAY WAIVE THE REQUIREMENT TO BUILD SIDEWALK ON ONE SIDE OF THE ROAD.

4) FOR CURBS, SEE STANDARD DRAWING PC.F8.1.

5) CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

6) FOR ALTERNATIVE STORM DRAINAGE SYSTEMS SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.

7) BUFFER AREA TO BE VARIETY OF NATIVE VEGETATION TYPES AND SIZES IN AREAS WHERE SIGHT DISTANCE IS NOT AN ISSUE, AS APPROVED BY ENGINEER. SEE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
NOTES:

1) SECTION COULD VARY FROM CEMENT CONCRETE TRAFFIC CURB, GUTTER, AND SIDEWALK; ASPHALT CONCRETE BARRIER CURB AND SHOULDER; OR SHOULDER SECTION FOR OPEN DRAINAGE.

2) PFELEVELING AND GRINDING MAY BE NECESSARY TO MEET CROSS SLOPE.

3) NON-CONFORMING CENTERLINE AND CROWN PROFILE MAY REQUIRE THE OVERLAY OF THE ENTIRE ROADWAY.

4) ENGINEERED PAVEMENT DESIGN REQUIRED FOR ARTERIAL ROADWAYS. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

5) GRIND EXISTING PAVEMENT TO A MINIMUM OF 2" FOR EXISTING HMA DEPTHS 3" OR GREATER. MAXIMUM GRINDING DEPTH FOR EXISTING HMA DEPTHS LESS THAN 3" SHALL BE 1".

6) HMA DEPTH FOR WIDENING WIDTH TO EQUAL HMA DEPTH OF EXISTING ROAD PRISM OR 3" MINIMUM, WHICHEVER IS GREATER.
NOTES:

1) SECTION COULD VARY FROM CEMENT CONCRETE TRAFFIC CURB, GUTTER, AND SIDEWALK; ASPHALT CONCRETE BARRIER CURB AND SHOULDER; OR SHOULDER SECTION FOR OPEN DRAINAGE.

2) PRELEVELING AND GRINDING MAY BE NECESSARY TO MEET CROSS SLOPE.

3) ENGINEERED PAVEMENT DESIGN REQUIRED FOR ARTERIAL ROADWAYS. GRAVEL BASE DEPTH MAY BE REDUCED TO LESS THAN THE MINIMUMS SHOWN, BASED ON AN APPROVED ENGINEERED PAVEMENT DESIGN. CRUSHED SURFACING BASE COURSE MAY BE USED INSTEAD OF THE CRUSHED SURFACING TOP COURSE AND GRAVEL BASE.

4) GRIND EXISTING PAVEMENT TO A MINIMUM OF 2" FOR EXISTING HMA DEPTHS 3" OR GREATER. MAXIMUM GRINDING DEPTH FOR EXISTING HMA DEPTHS LESS THAN 3" SHALL BE 1".

5) HMA DEPTH FOR WIDENING WIDTH TO EQUAL HMA DEPTH OF EXISTING ROAD PRISM OR 3" MINIMUM, WHICHEVER IS GREATER.

APPROVED BY  
COUNTY ENGINEER  
DATE  

WIDENING AND OVERLAY  
WHEN WIDENING OCCURS ON 
BOTH SIDES OF THE ROADWAY  
STANDARD DRAWING PC.A10.2
NOTES:
1) SUBGRADE BELOW PERMEABLE PAVEMENT SECTION TO BE COMPACTED TO 90-92% (STANDARD PROCTOR) AND BE FIRM AND UNYELDING.
2) SUBGRADE BELOW IMPERMEABLE PAVEMENT SECTION TO BE COMPACTED TO 95% MINIMUM (STANDARD PROCTOR) AND BE FIRM AND UNYELDING.
3) DRAINAGE SYSTEM TO BE DESIGNED IN ACCORDANCE WITH THE PIERCE COUNTY STORMWATER MANAGEMENT AND SITE DEVELOPMENT MANUAL.
4) GRAVEL SURFACING MAY BE USED FOR SHARED ACCESS TO TWO (2) OR LESS LOTS.
5) ACCESS IN UN-OPENED COUNTY RIGHT-OF-WAY MAY BE GRAVEL FOR ACCESS TO FOUR (4) OR LESS LOTS.
6) GRAVEL ACCESS SHALL ONLY BE USED FOR DRIVING SURFACES WITH GRADES LESS THAN 12%.
7) POROUS ASPHALT TREATED BASE ONLY REQUIRED WHEN POROUS ASPHALT IS USED.
8) SEE APPLICABLE PIERCE COUNTY STANDARD DRAWING PC.F1.1 THROUGH PC.F6.6 FOR ALLOWABLE PAVEMENT SECTION FOR DRIVEWAY APPROACH.

MINIMUM STRUCTURAL SECTIONS
FOR SHARED ACCESS,
ALLEY WAYS AND LOT ACCESS

STANDARD DRAWING PC.A11.1