$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Table 3 Design and Construction Standards for Town Streets and Private Streets									
served(1)Image: Constraint of the served of the servers and the servers servers and the servers of the servers servers and the servers of the servers servers and the servers of the servers of the servers of the servers servers of the servers servers servers of the servers servers servers of the servers servers servers servers servers and the servers serverservers serverservers server	Item	Major Local	Minor Local	Ind./	Major Private	Minor Private				
Min. right-of-way width (feet)60505050Min. raveled way width( $^{20}$ (feet)2220242018Primary shoulder type( $^{30}$ )PavedPavedPavedPavedGravelMin. primary shoulder type without curb (feet)42422Min. primary shoulder type with curb (feet)5242n/aMin. primary shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder typeGravelGravelGravelGraveln/aMin. clear zone width (each side) (feet)877n/an/aMin. esplanade width (feet)n/a5n/an/an/aMin. grade0.50%0.50%0.50%0.50%0.50%Min. grade7%8%6%11%11%Min. center-line radius (feet)350180200100n/aMin. tangent between curves of reverse alignment (feet)3025302515Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets55n/an/a	Average daily traffic (ADT)/lots served <sup>(1)</sup>	>400 AADT	≤ 400 AADT	n/a	> 10 lots	$\leq$ 10 lots				
Min. traveled way width( $^{20}$ (feet)2220242018Primary shoulder type( $^{33}$ )PavedPavedPavedPavedGravelMin. primary shoulder type with42422with ourb (feet)5242n/aMin. primary shoulder type with sidewalk5242n/aSecondary shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder width without curb (feet)222n/aMin. clear zone width (each side) (feet)877n/an/aMin. grade0.50%0.50%0.50%0.50%0.50%Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade7%8%6%11%11%Min. center-line radius (feet)350180200100n/aMin. angle of street intersection(4) min angle of street intersection(5)2%2%2%2%2%20%2%2%2%2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets	Surface type	Paved	Paved	Paved	Paved	Gravel				
Primary shoulder type(3)PavedPavedPavedPavedGravelMin. primary shoulder type with curb (feet)42422Min. primary shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder width without curb (feet)222n/aMin. clear zone width (each side) (feet)877n/an/aMin. grade0.50%0.50%0.50%0.50%0.50%Min. grade7%8%6%11%11%Min. argent between curves of reverse alignment (feet)3025302515Min. arged eat intersections(5)2%2%2%2%2%2%2%Min. curb radii (feet)3025302515155n/an/a	Min. right-of-way width (feet)	60	50	50	50	50				
Min. primary shoulder type without curb (feet)42422Min. primary shoulder type with curb (feet)5242n/aMin. primary shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder width without curb (feet)2222n/aMin. clear zone width (each side) (feet)877n/an/aMin. clear zone width (feet)n/a5n/an/an/aMin. esplanade width (feet)n/a5n/an/an/aMin. grade0.50%0.50%0.50%0.50%0.50%0.50%Min. grade1%1%1%1%1%1%Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade1%1%1%1%1%Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade1%1%1%1%1%Min. argent between curves of reverse alignment (feet)20010060°Min. angle of street intersections <sup>(5)</sup> 2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreets	Min. traveled way width <sup>(2)</sup> (feet)	22	20	24	20	18				
curb (feet)n5242n/aMin. primary shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder width without curb (feet)2222n/aMin. clear zone width (each side) (feet)877n/an/aMin. clear zone width (feet)n/a5n/an/an/aMin. esplanade width (feet)n/a5n/an/an/aMinimum vertical clearance (feet)14141414Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade7%8%6%11%11%Min. grade20010020010060Min. center-line radius (feet)35018020010060Min. angle of street intersections <sup>(5)</sup> 2%2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreets	Primary shoulder type <sup>(3)</sup>	Paved	Paved	Paved	Paved	Gravel				
curb (feet)Image: shoulder type with sidewalk5242n/aSecondary shoulder typeGravelGravelGravelGraveln/aMin. secondary shoulder width without curb (feet)2222n/aMin. clear zone width (each side) (feet)877n/an/aMin. esplanade width (feet)n/a5n/an/an/aMininum vertical clearance (feet)1414141414Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade with curb1%1%1%1%1%Min. center-line radius (feet)35018020010060Min. tangent between curves of reverse alignment (feet)90°60°90°60°90°60°Max. grade at intersection <sup>(4)</sup> 90°60°90°60°2%2%2%Min. curb radii (feet)302530251515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreets	Min. primary shoulder type without curb (feet)	4	2	4	2	2				
sidewalkGravelGravelGravelGravelGravel $n/a$ Min. secondary shoulder width without curb (feet)2222 $n/a$ Min. secondary shoulder width (feet)222 $n/a$ $n/a$ Min. clear zone width (each side) (feet)877 $n/a$ $n/a$ Min. esplanade width (feet) $n/a$ 5 $n/a$ $n/a$ $n/a$ Min. esplanade width (feet) $n/a$ 5 $n/a$ $n/a$ $n/a$ Minimum vertical clearance (feet)14141414Min. grade $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ Min. grade with curb1%1%1%1%Min. grade7%8%6%11%11%Min. center-line radius (feet)35018020010060Min. tangent between curves of reverse alignment (feet)200100200100 $n/a$ min. angle of street intersection <sup>(4)</sup> 90° $60°$ 90° $60°$ $60°$ Max. grade at intersection <sup>(5)</sup> $2\%$ $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets $streets$	Min. primary shoulder type with curb (feet)	5	2	4	2	n/a				
Min. secondary shoulder width without curb (feet)22221/aMin. clear zone width (each side) (feet)877n/an/aMin. clear zone width (feet)n/a5n/an/an/aMin. esplanade width (feet)n/a5n/an/an/aMin. esplanade width (feet)1414141414Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade0.50%0.50%0.50%0.50%0.50%Min. grade with curb1%1%1%1%Min. center-line radius (feet)35018020010060Min. tangent between curves of reverse alignment (feet)200100200100n/amin. angle of street intersections <sup>(5)</sup> 2%2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreets	Min. primary shoulder type with sidewalk	5	2	4	2	n/a				
without curb (feet)         8         7         7         n/a         n/a           Min. clear zone width (each side) (feet)         8         7         7         n/a         n/a           Min. esplanade width (feet)         n/a         5         n/a         n/a         n/a           Minimum vertical clearance (feet)         14         14         14         14         14           Min. grade         0.50%         0.50%         0.50%         0.50%         0.50%         0.50%           Min. grade with curb         1%         1%         1%         1%         1%         1%           Max. grade         7%         8%         6%         11%         11%           Min. center-line radius (feet)         350         180         200         100         60           Min. tangent between curves of reverse alignment (feet)         90°         60°         90°         60°         60°           Min. angle of street intersection <sup>(4)</sup> 90°         60°         90°         60°         60°           Min. curb radii (feet)         30         25         30         25         15           Max. dead-end street length         See § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets         streets<	Secondary shoulder type	Gravel	Gravel	Gravel	Gravel	n/a				
(feet)       n/a       5       n/a       n/a       n/a         Min. esplanade width (feet)       n/a       14	Min. secondary shoulder width without curb (feet)	2	2	2	2	n/a				
Minimum vertical clearance (feet)       14       14       14       14       14       14         Min. grade $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ Min. grade with curb $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ Max. grade $7\%$ $8\%$ $6\%$ $11\%$ $11\%$ $11\%$ Min. center-line radius (feet) $350$ $180$ $200$ $100$ $60$ Min. tangent between curves of reverse alignment (feet) $200$ $100$ $200$ $100$ $n/a$ min. angle of street intersection <sup>(4)</sup> $90^\circ$ $60^\circ$ $90^\circ$ $60^\circ$ $60^\circ$ Max. grade at intersections <sup>(5)</sup> $2\%$ $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street length       See § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets $streets$ Min. sidewalk width (feet) $5$ $5$ $5$ $n/a$	Min. clear zone width (each side) (feet)	8	7	7	n/a	n/a				
Min. grade $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ $0.50\%$ Min. grade with curb $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ Max. grade $7\%$ $8\%$ $6\%$ $11\%$ $11\%$ Min. center-line radius (feet) $350$ $180$ $200$ $100$ $60$ Min. tangent between curves of reverse alignment (feet) $200$ $100$ $200$ $100$ $n/a$ min. angle of street intersection <sup>(4)</sup> $90^\circ$ $60^\circ$ $90^\circ$ $60^\circ$ $60^\circ$ Max. grade at intersections <sup>(5)</sup> $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets $streets$	Min. esplanade width (feet)	n/a	5	n/a	n/a	n/a				
Min. grade with curb $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ $1\%$ Max. grade $7\%$ $8\%$ $6\%$ $11\%$ $11\%$ Min. center-line radius (feet) $350$ $180$ $200$ $100$ $60$ Min. tangent between curves of reverse alignment (feet) $200$ $100$ $200$ $100$ $n/a$ min. angle of street intersections <sup>(5)</sup> $2\%$ $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street length       See § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets $streets$ Min. sidewalk width (feet) $5$ $5$ $n/a$ $n/a$	Minimum vertical clearance (feet)	14	14	14	14	14				
Max. grade       7%       8%       6%       11%       11%         Min. center-line radius (feet)       350       180       200       100       60         Min. tangent between curves of reverse alignment (feet)       200       100       200       100       n/a         min. angle of street intersection <sup>(4)</sup> 90°       60°       90°       60°       60°       60°         Max. grade at intersections <sup>(5)</sup> 2%       2%       2%       2%       2%       2%         Min. curb radii (feet)       30       25       30       25       15         Max. dead-end street length       See § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets       streets       streets         Min. sidewalk width (feet)       5       5       5       n/a       n/a	Min. grade	0.50%	0.50%	0.50%	0.50%	0.50%				
Min. center-line radius (feet) $350$ $180$ $200$ $100$ $60$ Min. tangent between curves of reverse alignment (feet) $200$ $100$ $200$ $100$ $n/a$ min. angle of street intersection <sup>(4)</sup> $90^{\circ}$ $60^{\circ}$ $90^{\circ}$ $60^{\circ}$ $60^{\circ}$ Max. grade at intersections <sup>(5)</sup> $2\%$ $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets $streets$ Min. sidewalk width (feet) $5$ $5$ $5$ $n/a$	Min. grade with curb	1%	1%	1%	1%	1%				
Min. tangent between curves of reverse alignment (feet)200100200100 $n/a$ min. angle of street intersection <sup>(4)</sup> 90°60°90°60°60°Max. grade at intersections <sup>(5)</sup> 2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreetsMin. sidewalk width (feet)555n/an/a	Max. grade	7%	8%	6%	11%	11%				
reverse alignment (feet) $\sim$ $\sim$ min. angle of street intersection <sup>(4)</sup> 90°60°90°60°Max. grade at intersections <sup>(5)</sup> 2%2%2%2%Min. curb radii (feet)3025302515Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsstreetsMin. sidewalk width (feet)555n/an/a	Min. center-line radius (feet)	350	180	200	100	60				
Max. grade at intersections(5) $2\%$ $2\%$ $2\%$ $2\%$ $2\%$ Min. curb radii (feet) $30$ $25$ $30$ $25$ $15$ Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsMin. sidewalk width (feet) $5$ $5$ $5$ $n/a$	Min. tangent between curves of reverse alignment (feet)	200	100	200	100	n/a				
Min. curb radii (feet)         30         25         30         25         15           Max. dead-end street length         See § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streets         streets         n/a	min. angle of street intersection <sup>(4)</sup>	90°	60°	90°	60°	60°				
Max. dead-end street lengthSee § 120-555, Streets, and § 120-911M(5)(b)[5], Dead-end streetsMin. sidewalk width (feet)55n/a	Max. grade at intersections <sup>(5)</sup>	2%	2%	2%	2%	2%				
streets           Min. sidewalk width (feet)         5         5         n/a         n/a	Min. curb radii (feet)	30	25	30	25	15				
	Max. dead-end street length									
Min. paved apron <sup>(6)</sup> (feet) 20	Min. sidewalk width (feet)	5	5	5	n/a	n/a				
	Min. paved apron <sup>(6)</sup> (feet)					20				

## **Additional Standards**

- (1) See § 120-911M for street connection requirements.
- (2) Add eight feet of width for each lane of on-street parking.
- (3) See § 120-911M(5)(b)[6] for shoulder and sidewalk requirements.
  (4) Angle must be maintained for at least 60 feet from intersection.
- (5) Maximum grade must be maintained for at least 60 feet from the intersection.
- (6) A negative 2.0% grade from the existing edge of pavement must be provided to an appropriate drainageway that is no less than five feet from the travel surface or private way it intersects.

Table 4 Street Construction Standards and Dimensions								
Material	Major Local Street	Minor Local Street	Ind./ Comm.	Major Private Road	Minor Private Road			
Surface type	Paved	Paved	Paved	Paved	Gravel			
Aggregate subbase courses								
Type D*	21"	21"	27"	21"	18"			
Crushed aggregate base course**	3"	3"	3"	3"	3"			
Hot bituminous pavement								
Total thickness compacted	5"	4"	5"	4"	n/a			
Base course, HMA 19.0mm	3.5"	2.5"	3.5"	2.5"	n/a			
Surface course, HMA 9.5mm	n/a	1.5"	n/a	1.5"	n/a			
Surface course, HMA 12.5mm	1.5"	n/a	1.5"	n/a	n/a			
Paved apron								
Aggregate subbase courses								
Type D					18"			
Type B					n/a			
Crushed aggregate base course**					3"			
Hot bituminous pavement					3"			
Bituminous concrete sidewalk:								
Crushed aggregate base course	10"	10"	10"	n/a	n/a			
Pavement surface course***	(2)-1.25"	(2)-1.25"	(2)-1.25"	n/a	n/a			

## Notes:

(#) = Required number of courses.

\*\* Material shall be HMA 9.5mm.

<sup>\*</sup> The Planning Board or Director of Public Works, as appropriate, may reduce the required depth of ASCG Type D from 27 inches to 21 inches if the applicant provides a geotechnical evaluation performed by a professional engineer. The evaluation must include gradations, California Bearing Ratios, and a design (based on AASHTO design methods) which indicates that 21 inches of ASCG Type D will be adequate to handle the estimated vehicular weight loads.

<sup>\*\*</sup> Material shall be Crushed Aggregate Base Course, Type A, or RECLAIMED asphalt approved by the Public Works Department.