STANDARD NO. CR-1

REVISION DATE

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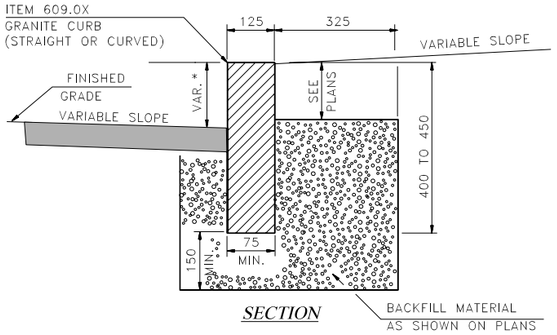
CR-1

METRIC STANDARD PLANS

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

STANDARD NO. CR-1



SECTION

* NORMALLY 175 mm REVEAL, VARIES TO 50 mm AT DRIVEWAYS AND 0 mm AT PEDESTRIAN SIDEWALK RAMPS.

RADIUS	MAX. LENGTH
<6.4 m	USE CURVED CURB
6.4 m	0.9 m
6.7 m – 8.5 m	1.2 m
8.8 m – 10.7 m	1.5 m
11.0 m – 12.8 m	1.8 m
13.1 m – 14.9 m	2.1 m
15.2 m – 17.1 m	2.4 m
17.4 m – 18.3 m	2.7 m
OVER 18.3 m	3.0 m

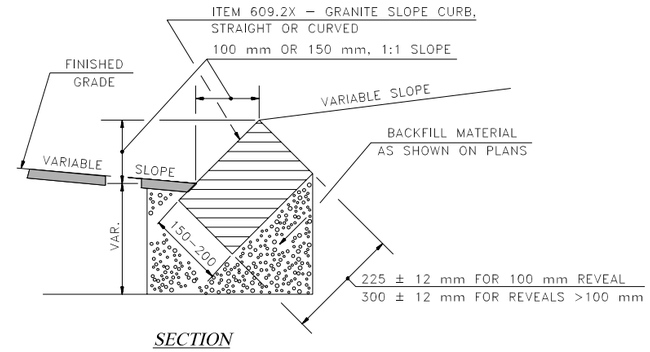
MINIMUM LENGTH OF STRAIGHT CURB STONES = 0.9 m
MAXIMUM LENGTH OF STRAIGHT CURB STONES = 3.0 m
MAXIMUM LENGTH OF STRAIGHT CURB STONES
LAID ON CURVES – SEE CHART

NOTE: ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

NHDOT STANDARD PLANS
STRAIGHT OR CURVED GRANITE CURB

REV. DATE | PLATE 1 | STANDARD CR-1



SECTION

RADIUS FOR STONES WITH SQUARE JOINTS	MAXIMUM LENGTH
<0.6 m	USE CURVED CURB
0.6 m – 4.6 m	USE RADIAL JOINTS
4.9 m – 8.5 m	0.5 m
8.8 m – 12.5 m	0.6 m
12.8 m – 16.8 m	0.9 m
17.1 m – 20.7 m	1.2 m
21.0 m – 25.0 m	1.5 m
25.3 m – 29.3 m	1.8 m
29.6 m – 33.5 m	2.1 m
OVER 33.5 m	2.4 m

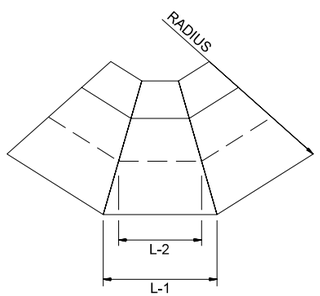
MINIMUM LENGTH OF STRAIGHT CURB STONES = 450 mm
MAXIMUM LENGTH OF STRAIGHT CURB STONES = 2.4 m
MAXIMUM LENGTH OF STRAIGHT CURB STONES
LAID ON CURVES – SEE CHART

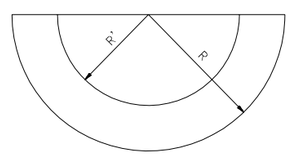
NOTE: ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

NHDOT STANDARD PLANS
GRANITE SLOPE CURB

REV. DATE | PLATE 2 | STANDARD CR-1



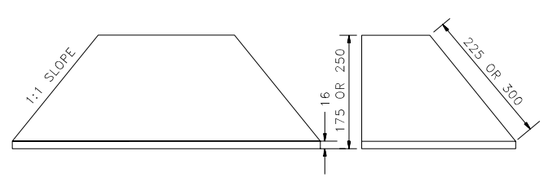


R' = 141 mm FOR 0.3 m R

R' = 294 mm FOR 0.5 m R

DETAIL FOR CUTTING SLOPE CURB WITH RADIAL JOINTS

NOTE: USE FOR 0.6 m TO 6.0 m RADIUS – SEE CHART ON PLATE 4.



DETAIL FOR CUTTING CURVED SLOPE CURB WITH 0.3 m OR 0.5 m RADIUS

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

NHDOT STANDARD PLANS
DETAILS FOR CUTTING STRAIGHT GRANITE SLOPE CURB

REV. DATE | PLATE 3 | STANDARD CR-1

L-1	RADIUS (SEE DETAIL ON PLATE 3)															
	0.600	0.750	0.900	1.050	1.200	1.500	1.800	2.100	2.400	2.700	3.000	3.300	3.600	3.900	4.200	4.500
	L-2															
225	165															
300	220	236														
325	239	256														
350	257	276	288													
375	276	295	309													
400	294	315	329	339												
425	312	335	350	361	369	380	387	393	397	400	402	405	406	408	409	410
450	331	355	370	382	390	402	410	416	420	423	426	428	430	432	433	434
475	349	374	391	403	412	425	433	439	444	447	450	452	454	456	457	458
500	367	394	412	424	434	447	456	462	467	471	473	476	478	480	481	482
525							479	485	490	494	497	500	502	504	505	506
550							501	508	514	518	521	523	526	528	529	531
575							524	531	537	541	545	547	550	552	553	555
600							547	555	560	565	568	571	573	576	577	579
625														600	601	603
650														623	625	627
675														647	649	651
700														671	673	675
725														695	698	699
750														719	722	723
775														743	746	748
800														767	770	772
825														791	794	796
850														815	818	820
875														839	842	852
900														863	863	876

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

NHDOT STANDARD PLANS
CHART FOR CUTTING STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS

REV. DATE | PLATE 4 | STANDARD CR-1

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