



CURB	RAMP	ı	Y	P	E '	1
------	------	---	---	---	-----	---

0.0	0.0 % GUTTER LINE PROFILE										
Н	W	X _{1U}	X _{1L}	L ₁							
INCHES	FEET	FEET	FEET	FEET							
3	3	2.50	2.50	9.00							
4	4	3.33	3.33	10.67							
5	5	4.17	4.17	12.33							
6	6	5.00	5.00	14.00							
7	7	5.83	5.83	15.67							
8	8	6.67	6.67	17.33							
9	9	7.50	7.50	19.00							

1.0 % GUTTER LINE PROFILE										
I	W	X _{1U}	X _{1L}	L ₁						
INCHES	FEET	FEET	FEET	FEET						
3	3	2.78	2.27	9.05						
4	4	3.70	3.03	10.73						
5	5	4.63	3.79	12.42						
6	6	5.56	4.55	14.10						
7	7	6.48	5.30	15.78						
8	8	7.41	6.06	17.47						
9	9	8.33	6.82	19.15						

	R LINE PRO	TELLE								
	2.0 % GUTTER LINE PROFILE									
w	X _{1U}	X _{1L}	L ₁							
FEET	FEET	FEET	FEET							
3	3.13	2.08	9.21							
4	4.17	2.78	10.94							
5	5.21	3.47	12.68							
6	6.25	4.17	14.42							
7	7.29	4.86	16.15							
8	8.33	5.56	17.89							
9	9.38	6.25	19.63							
	3 4 5 6 7 8	FEET FEET 3 3.13 4 4.17 5 5.21 6 6.25 7 7.29 8 8.33	FEET FEET FEET 3 3.13 2.08 4 4.17 2.78 5 5.21 3.47 6 6.25 4.17 7 7.29 4.86 8 8.33 5.56							

CURB RAMP TYPE 3

4.17

5.83

6.67

9.72

11.11 12.50

4.17

5.56

6.94

8.33

9.72

12.50

5.56

6.94

8.33

9.72

11.11

4.17

5.00 5.00 14.00

FEET

4.17 1.79 9.95

5.56 2.38 11.94

8.33 3.57 15.90

12 50 5 36 21 86

4.17 1.79 9.95

11.11 4.76

2.98 13.92

4.17 17.89

2.38 11.94

2.98 13.92

3.57 15.90

4 17 17 89

4.76 19.87

5.36 21.86

1.79 9.95

2.38 11.94

2.98 13.92

5.36 21.86

2.98 13.92

15.90

17.89

19.87

11.94

15.90

17.89

19.87

3.57

4.17

4.76

2.38

3.57

4.17

4.76

12.50 5.36 21.86

19.87

5.83 15.67

6.67 17.33

0.0	0.0 % GUTTER LINE PROFILE										
Н	W	X _{1U}	X _{1L}	L ₁	Υ	X _{2U}	X _{2L}	L ₂			
INCHES	FEET	FEET	FEET	FEET	INCHES	FEET	FEET	FEET			
3		2.50	2.50	9.00		0.91	0.91	5.82			
4		3.33	3.33	10.67		1.91	1.91	7.82			
5		4.17	4.17	12.33		2.91	2.91	9.82			
6	2.75	5.00	5.00	14.00	2.75	3.91	3.91	11.83			
7		5.83	5.83	15.67		4.91	4.91	13.83			
8		6.67	6.67	17.33		5.91	5.91	15.83			
9		7.50	7.50	19.00		6.91	6.91	17.83			
3		*	*	*		*	*	*			
4		3.33	3.33	10.67		1.72	1.72	7.44			
5		4.17	4.17	12.33	3.0	2.72	2.72	9.44			
6	3.0	5.00	5.00	14.00		3.72	3.72	11.45			
7		5.83	5.83	15.67		4.72	4.72	13.45			
8		6.67	6.67	17.33		5.72	5.72	15.45			
9		7.50	7.50	19.00		6.72	6.72	17.45			
3		*	*	*		*	*	*			
4		3.33	3.33	10.67		1.34	1.34	6.68			
5		4.17	4.17	12.33		2.34	2.34	8.68			
6	3.5	5.00	5.00	14.00	3.5	3.34	3.34	10.69			
7		5.83	5.83	15.67		4.34	4.34	12.69			
8		6.67	6.67	17.33		5.34	5.34	14.69			
9		7.50	7.50	19.00		6.34	6.34	16.69			
3		*	*	*		*	*	*			

12.33

		1.0	/0 GOTTE	IN LINE FIN	OFILL					
2		Н	W	X _{1U}	X _{1L}	L ₁	Υ	X _{2U}	X _{2L}	L ₂
ET		INCHES	FEET	FEET	FEET	FEET	INCHES	FEET	FEET	FEET
82		3		2.78	2.27	9.05		1.04	0.81	5.85
82		4		3.70	3.03	10.73		2.17	1.71	7.88
82		5		4.63	3.79	12.42		3.31	2.60	9.91
83		6	2.75	5.56	4.55	14.10	2.75	4.45	3.49	11.94
83		7		6.48	5.30	15.78		5.58	4.39	13.97
83		8		7.41	6.06	17.47		6.72	5.28	16.00
83		9		8.33	6.82	19.15		7.86	6.17	18.03
k		3		2.78	2.27	9.05		0.82	0.64	5.46
44		4		3.70	3.03	10.73		1.96	1.54	7.49
44		5		4.63	3.79	12.42		3.09	2.43	9.52
45		6	3.0	5.56	4.55	14.10	3.0	4.23	3.32	11.55
45		7		6.48	5.30	15.78		5.37	4.22	13.58
45		8		7.41	6.06	17.47		6.50	5.11	15.61
45		9		8.33	6.82	19.15		7.64	6.00	17.64
k		3		2.78	2.27	9.05		0.39	0.30	4.69
68		4		3.70	3.03	10.73		1.53	1.20	6.72
68		5		4.63	3.79	12.42		2.66	2.09	8.75
69		6	3.5	5.56	4.55	14.10	3.5	3.80	2.98	10.78
69		7		6.48	5.30	15.78		4.94	3.88	12.81
69		8		7.41	6.06	17.47		6.07	4.77	14.84
69	_	9		8.33	6.82	19.15		7.21	5.66	16.87
k	1	2		*	*	*		*	*	*

10.73

12.42

14.10

15.78

17.47

10.67

15.11

19.56

17.33

15.11

19.56

12.89

15.11

21.78

17.33

4.0

FEET INCHES FEET

2.75

3.5

4.0

1.09

2.23

0.86

1.75

FEET

4.78 1.19 9.98

7.29 1.82 13.10

9.79 2.45 16.23

12.29 3.07 19.36

14.79 3.70 22.49

15.00 4.32 23.32

1.80 0.45 6.26

1.08

9.31 2.33 15.64 11.81 2.95 18.77

 14.32
 3.58
 21.89

 15.00
 4.20
 23.20

 5.86
 1.46
 11.32

 8.36
 2.09
 14.45

10.86 2.71 17.58

13.37 3.34 20.71

15.00 3.96 22.96

0.60

1.23

7.41 1.85 13.26

9.91 2.48 16.39

0.85 0.21 3.36 0.84

1.70

FEET

6.85

9.38

12.51

5.07

8 20

7.01

10.14

19.52

6.0 % GUTTER LINE PROFILE

FFFT

2.75

INCHES

6

7

9

4

6 7

8 9

3

5 6

7

8

3

5

6

7

4.0

X_{1U} FFFT

6.25

8.33

10.42

12.50

14.58

15.00

6.25

8.33

10.42

12.50

14 58

15.00

6.25

8 33

10.42

12.50

14.58

15.00

8.33

10.42

14.58

15.00

15.00

FEET

1.56

2.08

2.60

3.65

4.17

15.00 4.69 23.69

2.08

2.60

3.13

3.65

4.17 4.69

1.56 2.08

2.60 3.13

3.65

4.17

2.08

2.60

12.50 3.13 19.63

3.65

4.17

LEGEND

15.00 4.69

FEET | INCHES |

11.81

14.42

17.02

22.23

23.17

14.42

17 02

19.63

22 23

23.17

23.69

11.81

14 42

17.02

19.63

22.23

23.17

23.69

14.42

17.02

22.23

23.17

3.5

3.13 19.63

1.56 11.81

FEET

3.26

6.16

11.95

3.44

7.02

U = UPPER SIDE OF GUTTER LINE PROFILE

L = LOWER SIDE OF GUTTER LINE PROFILE

FOR THE OTHER ABBREVIATIONS - REFER TO CD-606-1

* TYPE 3 RAMP IS NOT APPLICABLE, USE TYPE 1

** TYPE 4 RAMP IS NOT APPLICABLE, USE TYPE 2

10.41 1.69

FEET

0.53

6.84 1.11 11.95

13.99 2.27 20.26

15.00 2.86 21.86

15.00 3.44 22.44

15.00 4.02 23.02

2.58 0.42 7.00

1.00

9.73 1.58 15.31

13.31 2.16 19.47 15.00 2.75 21.75

15.00 3.33 22.33 15.00 3.91 22.91

 1.22
 0.20
 5.42

 4.80
 0.78
 9.58

1.94

15.00 2.52 21.52

15.00 3.11 22.11

15.00 3.69 22.69

10.59 1.72 16.31

14.17 2.30 20.47 15.00 2.89 21.89

15.00 3.47 22.47

0.56 8.00

1.14 12.16

8.37 1.36

FFFT

7.79

16.10

11.16

13.74

17.89

3.37 2.65

4.50 3.54

5.64 4.43

6.78 5.32

2.28 0.57

4.31

6.81

2.41

4.91

12.42 3.10 14.92 3.73

1.0 % GUTTER LINE PROFILE

3.70

4.63 5.56

6.48 7.41

X_{1U} FFFT

8.33

11.67

6.67

8.33

10.00

10.00

6.67

8.33

5.0 % GUTTER LINE PROFILE

FEET

2.75

3.5

4.0

4.0

5 6 7

8

INCHES

5

6 7

9

3

4

7

8 9

3

5 6

7

9

3

4

5

6 7

9

3.03

3.79

4.55

5.30

6.06

FEET

6.67 2.22 12.89

2.78

10.00 3.33 17.33

3.89

13.33 4.44 21.78

15.00 5.00 24.00

5.00 1.67 10.67

3.33

11.67 3.89 19.56

13.33 4.44 21.78

15.00 5.00 24.00

5.00 1.67 10.67

6.67 2.22 12.89

3.33

13.33 4.44 21.78

15.00 5.00 24.00

2.22

2.78

10.00 3.33 17.33

11.67 3.89 19.56

8.33 2.78

11.67 3.89

13.33 4.44

15.00 5.00

2.22 12.89

2.78 15.11

5.00 1.67

		2.0 % GUTTER LINE PROFILE								3.0 % GUTTER LINE PROFILE									
Т	L ₂	Н	W	X _{1U}	X _{1L}	L ₁	Υ	X _{2U}	X _{2L}	L ₂	Н	W	X _{1U}	X _{1L}	L ₁	Υ	X _{2U}	X _{2L}	L ₂
	FEET	INCHES	FEET	FEET	FEET	FEET	INCHES	FEET	FEET	FEET	INCHES	FEET	FEET	FEET	FEET	INCHES	FEET	FEET	FEET
Т	5.85	3		3.13	2.08	9.21		1.20	0.73	5.93	3		3.57	1.92	9.49		1.42	0.67	6.09
T	7.88	4		4.17	2.78	10.94		2.52	1.54	8.06	4		4.76	2.56	11.33	1 1	2.99	1.41	8.39
T	9.91	5		5.21	3.47	12.68		3.83	2.35	10.18	5		5.95	3.21	13.16	1 1	4.55	2.14	10.69
	11.94	6	2.75	6.25	4.17	14.42	2.75	5.15	3.16	12.30	6	2.75	7.14	3.85	14.99	2.75	6.11	2.88	12.99
	13.97	7		7.29	4.86	16.15		6.47	3.96	14.43	7		8.33	4.49	16.82] [7.68	3.61	15.29
	16.00	8		8.33	5.56	17.89		7.78	4.77	16.55	8		9.52	5.13	18.65] [9.24	4.35	17.59
	18.03	9		9.38	6.25	19.63		9.10	5.58	18.67	9		10.71	5.77	20.48		10.81	5.08	19.89
⅃	5.46	3		3.13	2.08	9.21		0.95	0.58	5.53	3		3.57	1.92	9.49		1.13	0.53	5.66
┙	7.49	4		4.17	2.78	10.94		2.27	1.39	7.65	4		4.76	2.56	11.33] [2.69	1.27	7.96
┙	9.52	5		5.21	3.47	12.68		3.58	2.20	9.78	5		5.95	3.21	13.16]	4.25	2.00	10.26
┙	11.55	6	3.0	6.25	4.17	14.42	3.0	4.90	3.00	11.90	6	3.0	7.14	3.85	14.99	3.0	5.82	2.74	12.55
┙	13.58	7		7.29	4.86	16.15		6.22	3.81	14.02	7		8.33	4.49	16.82]	7.38	3.47	14.85
┙	15.61	8		8.33	5.56	17.89		7.53	4.62	16.15	8		9.52	5.13	18.65] [8.94	4.21	17.15
4	17.64	9		9.38	6.25	19.63		8.85	5.42	18.27	9		10.71	5.77	20.48		10.51	4.94	19.45
Ц	4.69	3		3.13	2.08	9.21		0.45	0.28	4.72	3		3.57	1.92	9.49]	0.53	0.25	4.78
4	6.72	4		4.17	2.78	10.94		1.77	1.08	6.85	4		4.76	2.56	11.33]	2.10	0.99	7.08
4	8.75	5		5.21	3.47	12.68		3.08	1.89	8.97	5		5.95	3.21	13.16]	3.66	1.72	9.38
4	10.78	6	3.5	6.25	4.17	14.42	3.5	4.40	2.70	11.09	6	3.5	7.14	3.85	14.99	3.5	5.22	2.46	11.68
4	12.81	7		7.29	4.86	16.15		5.72	3.50	13.22	7		8.33	4.49	16.82]	6.79	3.19	13.98
4	14.84	8		8.33	5.56	17.89		7.03	4.31	15.34	8		9.52	5.13	18.65		8.35	3.93	16.28
4	16.87	9		9.38	6.25	19.63		8.35	5.12	17.46	9		10.71	5.77	20.48		9.91	4.66	18.58
4	*	3		*	*	*		*	*	*	3		*	*	*		*	*	*
4	5.95	4		4.17	2.78	10.94		1.27	0.78	6.04	4		4.76	2.56	11.33		1.50	0.71	6.21
4	7.98	5		5.21	3.47	12.68		2.58	1.58	8.16	5		5.95	3.21	13.16		3.07	1.44	8.51
4	10.01	6	4.0	6.25	4.17	14.42	4.0	3.90	2.39	10.29	6	4.0	7.14	3.85	14.99	4.0	4.63	2.18	10.81
4	12.04	7		7.29	4.86	16.15		5.22	3.20	12.41	7		8.33	4.49	16.82		6.19	2.91	13.11
4	14.07	8		8.33	5.56	17.89		6.53	4.00	14.53	8		9.52	5.13	18.65		7.76	3.65	15.41
	16.10	9		9.38	6.25	19.63		7.85	4.81	16.66	9		10.71	5.77	20.48		9.32	4.38	17.71

3.0 % GUTTER LINE PROFILE									
Н	H W		X _{1L}	L ₁					
INCHES	FEET	FEET	FEET	FEET					
3	3	3.57	1.92	9.49					
4	4	4.76	2.56	11.33					
5	5	5.95	3.21	13.16					
6	6	7.14	3.85	14.99					
7	7	8.33	4.49	16.82					
8	8	9.52	5.13	18.65					
9	9	10.71	5.77	20.48					

4.0 % GUTTER LINE PROFILE										
1										
ET										
95										
94										
92										
90										
89										
87										
86										

		0			
5.0	7				
Н	W	X _{1U}	X _{1L}	L ₁	8
INCHES	FEET	FEET	FEET	FEET	9
3	3	5.00	1.67	10.67	3
4	4	6.67	2.22	12.89	4
5	5	8.33	2.78	15.11	5
6	6	10.00	3.33	17.33	6
7	7	11.67	3.89	19.56	7
8	8	13.33	4.44	21.78	8
9	9	15.00	5.00	24.00	9

6.0 % GUTTER LINE PROFILE									
Н	W	X _{1U}	X _{1L}	L ₁					
INCHES	FEET	FEET	FEET	FEET					
3	3	6.25	1.56	11.81					
4	4	8.33	2.08	14.42					
5	5	10.42	2.60	17.02					
6	6	12.50	3.13	19.63					
7	7	14.58	3.65	22.23					
8	8	15.00	4.17	23.17					
9	9	15.00	4.69	23.69					

1	9	9	15.00	4.03	25.05									
	7.0	7.0 % GUTTER LINE PROFILE												
	Н	W	X _{1U}	X _{1L}	L ₁									
Ŀ	INCHES	FEET	FEET	FEET	FEET									
SHEET	3	3	8.33	1.47	13.80									
	4	4	11.11	1.96	17.07									
Į	5	5	13.89	2.45	20.34									
0	6	6	15.00	2.94	21.94									
þ	7	7	15.00	3.43	22.43									
뒃	8	8	15.00	3.92	22.92									
C16D-01-ORIGINAL	9	9	15.00	4.41	23.41									

	ı				
L ₁		4.0	% GUTTE	R LINE PRO	OFILE
EET		H	W	X _{1U}	X
9.49		INCHES	FEET	FEET	FEI
1.33		3		4.17	1.7
3.16		4		5.56	2.3
4.99		5		6.94	2.9
6.82		6	2.75	8.33	3.5
8.65		7		9.72	4.1
0.48		8		11.11	4.7
		9		12.50	5.3
		3		4.17	1.7
L ₁		4		5.56	2.3
EET		5		6.94	2.9
9.95		6	3.0	8.33	3.5

5 6

7

8

4.0

0	٥	11.11	4.76	19.67	4
9	9	12.50	5.36	21.86	5
					6
5.0	% GUTTE	R LINE PRO	OFILE		7
Н	W	X _{1U}	X _{1L}	L ₁	8
INCHES	FEET	FEET	FEET	FEET	9
3	3	5.00	1.67	10.67	3
4	4	6.67	2.22	12.89	4
5	5	8.33	2.78	15.11	5
6	6	10.00	3.33	17.33	6
7	7	11.67	3.89	19.56	7
8	8	13.33	4.44	21.78	8
^	•	45.00	- 00	24.00	0

X _{1L}	L ₁	
FEET	FEET	
1.56	11.81	
2.08	14.42	
2.60	17.02	
3.13	19.63	
3.65	22.23	
4.17	23.17	
4.69	23.69	

CI	UR	B	R/	ΑM	P	ΙY	P	E	
	0-8	% G	UTTE	R LIN	E PRO	FILE			

0-8	% GUTTE	R LINE PRO	OFILE	
H	W	X _{1U}	X _{1L}	L ₁
INCHES	FEET	FEET	FEET	FEE
3	3	1.50	1.50	7.0
4	4	1.50	1.50	7.0
5	5	1.50	1.50	7.0
6	6	1.50	1.50	7.0
7	7	1.50	1.50	7.0
8	8	1.50	1.50	7.0
9	9	1.50	1.50	7.0

11.47 4.03 NOTES:

1.96 2.96

4.96

5.96

FEET

0.62

1.29

1.97

2.64

3.32

4 00

1.39 0.49 5.88

1.16

1.84

2.52

3.19

4.54

0.66 0.23 4.89

0.91

1.58

2.26

2.93

3.61 4.29

0.65

1.33

2.00

2.68

3.35

3.87 18.88

3.96 11.93

1.96

2.96

3.96

4.96

FEET

3.68

5.60

7.53

9.45

11.38

3.31

5.24

7.16

9.09

11.01

12.94

2.58

4.51

6.43

8.36

10.28

1.85

3.78

5.70

7.62

9.55

13 30 4 67

4.0

FFFT INCHES

2.75

3.5

7.92 9.93

13.93

15.93

FEET

6.37

8.97

11.57

14.17

16.77

19 37

21 97

8.48

11.08

13.68

16.28

21.48

7.49

10.09

12.69

15.29

17.89

20.49

6.50

9.10

11.70

14.30

16.90

19.50

1. FOR CURB RAMP TYPES, SEE CD-606-1.

- 2. THE ABOVE TABLES ARE BASED ON THE SPECIFIC GUTTER PROFILE REFERENCED. THEY DO NOT TAKE INTO ACCOUNT VARIATIONS IN THE GUTTER PROFILE. THE ABOVE TABLES TO BE USED BY THE DESIGNERS AND CONTRACTORS TO GET APPROXIMATE DIMENSIONS OF THE CURB RAMP AT EACH LOCATION. FINAL DIMENSIONS WILL BE DETERMINED BY ACTUAL MEASUREMENTS IN THE FIELD DURING CONSTRUCTION.
- 3. THE 12H:1V MAX SLOPE IS THE RUNNING SLOPE FOR CURB RAMPS, BUT ONLY THE 12H:1V SLOPE MEASURED AS X IS THE RUNNING SLOPE FOR TYPE 3 AND TYPE 4 CURB RAMPS. ENSURE THE RUNNING SLOPE OF CURB RAMPS DOES NOT REQUIRE ITS LENGTH TO EXCEED 15 FEET. THE RUNNING SLOPE MAY EXCEED THE 12H:1V MAX SLOPE SO AS NOT TO EXCEED THE 15 FEET MAXIMUM LENGTH. THE TABLES ALREADY APPLY THE 15 FEET RULE FOR THOSE CALCULATED LENGTHS WHICH EXCEED 15 FEET.
- 4. DIMENSIONS SHOWN IN TABLES ARE FOR 3 INCH TO 9 INCH CURB HEIGHTS. WHERE THE CURB HEIGHTS ARE OTHER THAN WHAT IS PROVIDED IN THE TABLES, THE DIMENSIONS OF THE RAMPS WILL HAVE TO BE CALCULATED BASED ON CROSS SLOPES SHOWN.

CONCRETE SIDEWALK

3.5

7.0 % GUTTER LINE PROFILE

FEET

INCHES

5

6 7

8

3 4

6 7 8

3

4

6

X_{1U} FEET

8.33

13.89

15.00

15.00

11.11

13 89

13.89

15.00

15.00

11.11

15.00

15.00

FEET

1.47

2.45

3.43

3.92

15 00 4 41 23 41

8.33 1.47 13.80

1.96

2 45

15.00 2.94 21.94

15.00 3.43 22.43

8.33 1.47 13.80

2.45

3.43

3.92

1.96

3.43

3.92

15.00 3.92 15.00 4.41

11.11 1.96

15.00 2.94

13.89 2.45

15.00 2.94

15.00 4.41

15.00 2.94 21.94

11.11 1.96

(PUBLIC SIDEWALK CURB RAMP TABLES)

CD-606-3 NEW JERSEY DEPARTMENT OF TRANSPORTATION

FEET

15.00

15.00

10.78

6.03

FFFT INCHES

2.75

3.5

4.0

13.80

17.07

20.34

22.43

17.07

20 34

22.92

23.41

17.07

20.34

21.94

22.43

22.92

20.34

21.94

22.43

22.92

FEET

11.97 1.04 17.01

15.00 2.13 21.13

15.00 3.21 22.21

15.00 3.76 22.76

4.52 0.39 8.91

15.00 1.48 20.48

15.00 2.02 21.02

15.00 2.57 21.57

15.00 3.11 22.11 15.00 3.65 22.65

2.14 0.19 6.32

8.40 0.73 13.13

14.67 1.27 19.94

15.00 1.82 20.82 15.00 2.36 21.36

15.00 2.90 21.90 15.00 3.45 22.45

12.29 1.07 17.36

15.00 1.61 20.61

15.00 2.15 21.15 15.00 2.70 21.70

15.00 3.24 22.24

0.52 10.55

0.50 10.20

1.58 20.58

2.67 21.67

0.94 15.72

FEET

CONSTRUCTION DETAILS

CD-606-3.1



54 164

0.0	0.0 % GUTTER LINE PROFILE								
Н	W	Υ	X _{2U}	X _{2L}	L ₂				
INCHES	FEET	INCHES	FEET	FEET	FEET				
3			0.91	0.91	5.82				
4			1.91	1.91	7.82				
5			2.91	2.91	9.82				
6	2.75	2.75	3.91	3.91	11.82				
7			4.91	4.91	13.83				
8			5.91	5.91	15.83				
9			6.91	6.91	17.83				
3			**	**	**				
4			1.72	1.72	7.44				
5			2.72	2.72	9.44				
6	3.0	3.0	3.72	3.72	11.45				
7			4.72	4.72	13.45				
8			5.72	5.72	15.45				
9			6.72	6.72	17.45				
3			**	**	**				
4			1.34	1.34	6.68				
5			2.34	2.34	8.68				
6	3.5	3.5	3.34	3.34	10.69				
7			4.34	4.34	12.69				
8			5.34	5.34	14.69				
9			6.34	6.34	16.69				
3			**	**	**				
4			**	**	**				
5			1.96	1.96	7.92				
6	4.0	4.0	2.96	2.96	9.93				
7			3.96	3.96	11.93				
8			4.96	4.96	13.93				
9			5.96	5.96	15.93				

1.0	% GUTTE	R LINE PRO	OFILE		
Н	w	Υ	X _{2U}	X _{2L}	L ₂
INCHES	FEET	INCHES	FEET	FEET	FEET
3			1.04	0.81	5.85
4	1		2.17	1.71	7.88
5			3.31	2.60	9.91
6	2.75	2.75	4.45	3.49	11.94
7			5.58	4.39	13.97
8	1		6.72	5.28	16.00
9			7.86	6.17	18.03
3			0.82	0.64	5.46
4			1.96	1.54	7.49
5			3.09	2.43	9.52
6	3.0	3.0	4.23	3.32	11.55
7			5.37	4.22	13.58
8			6.50	5.11	15.61
9			7.64	6.00	17.64
3			0.39	0.30	4.69
4			1.53	1.20	6.72
5			2.66	2.09	8.75
6	3.5	3.5	3.80	2.98	10.78
7	1		4.94	3.88	12.81
8			6.07	4.77	14.84
9			7.21	5.66	16.87
3			**	**	**

1.09 0.86 5.95 1.75 7.98

2.65 10.01 4.50 3.54 12.04

4.43 14.07

2.23

3.37

5.64

4.0

5.0 % GUTTER LINE PROFILE

4.0

н	W	R LINE PRO	X _{2U}	X _{2L}	L ₂
INCHES	FEET	INCHES	FEET	FEET	FEET
3			1.20	0.73	5.93
4			2.52	1.54	8.06
5			3.83	2.35	10.18
6	2.75	2.75	5.15	3.16	12.30
7			6.47	3.96	14.43
8			7.78	4.77	16.55
9			9.10	5.58	18.67
3			0.95	0.58	5.53
4	3.0		2.27	1.39	7.65
5			3.58	2.20	9.78
6		3.0	4.90	3.00	11.90
7			6.22	3.81	14.0
8			7.53	4.62	16.1
9			8.85	5.42	18.2
3			0.45	0.28	4.72
4			1.77	1.08	6.85
5			3.08	1.89	8.97
6	3.5	3.5	4.40	2.70	11.09
7			5.72	3.50	13.2
8			7.03	4.31	15.3
9			8.35	5.12	17.4
3			**	**	**
4			1.27	0.78	6.04
5			2.58	1.58	8.16
6	4.0	4.0	3.90	2.39	10.29
7			5.22	3.20	12.43
8			6.53	4.00	14.53
9			7.85	4.81	16.66

% GUTTE	R LINE PRO	OFILE			1	3.0	% GUTTE	R LINE PRO	OFILE		
W	Υ	X _{2U}	X _{2L}	L ₂	1	Н	W	Υ	X _{2U}	X _{2L}	L ₂
FEET	INCHES	FEET	FEET	FEET		INCHES	FEET	INCHES	FEET	FEET	FEET
		1.20	0.73	5.93	1	3			1.42	0.67	6.09
		2.52	1.54	8.06		4			2.99	1.41	8.39
		3.83	2.35	10.18		5			4.55	2.14	10.69
2.75	2.75	5.15	3.16	12.30		6	2.75	2.75 2.75	6.11	2.88	12.99
		6.47	3.96	14.43		7			7.68	3.61	15.29
		7.78	4.77	16.55		8			9.24	4.35	17.59
		9.10	5.58	18.67		9			10.81	5.08	19.89
		0.95	0.58	5.53		3			1.13	0.53	5.66
		2.27	1.39	7.65		4		2.69	1.27	7.96	
		3.58	2.20	9.78		5			4.25	2.00	10.26
3.0	3.0	4.90	3.00	11.90		6	3.0	3.0	5.82	2.74	12.55
		6.22	3.81	14.02		7			7.38	3.47	14.85
		7.53	4.62	16.15		8			8.94	4.21	17.15
		8.85	5.42	18.27		9			10.51	4.94	19.45
		0.45	0.28	4.72		3			0.53	0.25	4.78
		1.77	1.08	6.85		4			2.10	0.99	7.08
		3.08	1.89	8.97		5			3.66	1.72	9.38
3.5	3.5	4.40	2.70	11.09		6	3.5	3.5	5.22	2.46	11.68
		5.72	3.50	13.22		7			6.79	3.19	13.98
		7.03	4.31	15.34		8			8.35	3.93	16.28
		8.35	5.12	17.46		9			9.91	4.66	18.58
		**	**	**		3			**	**	**
		1.27	0.78	6.04		4			1.50	0.71	6.21
		2.58	1.58	8.16		5			3.07	1.44	8.51
4.0	4.0	3.90	2.39	10.29		6	4.0 4.0	4.0	4.63	2.18	10.81
		5.22	3.20	12.41		7			6.19	2.91	13.11
		6.53	4.00	14.53		8			7.76	3.65	15.41
		7.85	4.81	16.66		9			9.32	4.38	17.71

4.0 % GUTTER LINE PROFILE								
Н	W	Υ	X _{2U}	X _{2L}	L ₂			
INCHES	FEET	INCHES	FEET	FEET	FEET			
3			1.75	0.62	6.37			
4			3.68	1.29	8.97			
5			5.60	1.97	11.57			
6	2.75	2.75	7.53	2.64	14.17			
7			9.45	3.32	16.77			
8			11.38	4.00	19.37			
9			13.30	4.67	21.97			
3			1.39	0.49	5.88			
4			3.31	1.16	8.48			
5			5.24	1.84	11.08			
6	3.0	3.0	7.16	2.52	13.68			
7			9.09	3.19	16.28			
8			11.01	3.87	18.88			
9			12.94	4.54	21.48			
3			0.66	0.23	4.89			
4			2.58	0.91	7.49			
5			4.51	1.58	10.09			
6	3.5	3.5	6.43	2.26	12.69			
7			8.36	2.93	15.29			
8			10.28	3.61	17.89			
9			12.20	4.29	20.49			
3			**	**	**			
4			1.85	0.65	6.50			
5			3.78	1.33	9.10			
6	4.0	4.0	5.70	2.00	11.70			
7			7.62	2.68	14.30			
8			9.55	3.35	16.90			
9			11.47	4.03	19.50			

Н	W	Υ	X _{2U}	X _{2L}	L ₂
INCHES	FEET	INCHES	FEET	FEET	FEET
3			2.28	0.57	6.85
4			4.78	1.19	9.98
5			7.29	1.82	13.10
6	2.75	2.75	9.79	2.45	16.23
7			12.29	3.07	19.36
8			14.79	3.70	22.49
9			15.00	4.32	23.32
3			1.80	0.45	6.26
4			4.31	1.08	9.38
5			6.81	1.70	12.51
6	3.0	3.0	9.31	2.33	15.64
7			11.81	2.95	18.77
8			14.32	3.58	21.89
9			15.00	4.20	23.20
3			0.85	0.21	5.07
4			3.36	0.84	8.20
5			5.86	1.46	11.32
6	3.5	3.5	8.36	2.09	14.45
7			10.86	2.71	17.58
8			13.37	3.34	20.71
9			15.00	3.96	22.96
3			**	**	**
4			2.41	0.60	7.01
5			4.91	1.23	10.14
6	4.0	4.0	7.41	1.85	13.26
7			9.91	2.48	16.39
8			12.42	3.10	19.52
9			14.92	3.73	22.65

6.0 % GUTTER LINE PROFILE							
Н	W	Υ	X _{2U}	X _{2L}	L ₂		
INCHES	FEET	INCHES	FEET	FEET	FEET		
3			3.26	0.53	7.79		
4			6.84	1.11	11.95		
5			10.41	1.69	16.10		
6	2.75	2.75	13.99	2.27	20.26		
7			15.00	2.86	21.86		
8			15.00	3.44	22.44		
9			15.00	4.02	23.02		
3			2.58	0.42	7.00		
4			6.16	1.00	11.16		
5			9.73	1.58	15.31		
6	3.0	3.0	13.31	2.16	19.47		
7			15.00	2.75	21.75		
8			15.00	3.33	22.33		
9			15.00	3.91	22.91		
3			1.22	0.20	5.42		
4			4.80	0.78	9.58		
5			8.37	1.36	13.74		
6	3.5	3.5	11.95	1.94	17.89		
7			15.00	2.52	21.52		
8			15.00	3.11	22.11		
9			15.00	3.69	22.69		
3			**	**	**		
4			3.44	0.56	8.00		
5			7.02	1.14	12.16		
6	4.0	4.0	10.59	1.72	16.31		
7			14.17	2.30	20.47		
8			15.00	2.89	21.89		
9			15.00	3.47	22.47		

H INCHES 3 4 5 6 7 8 9 3 4 5	2.75	Y INCHES 2.75	X _{2U} FEET 5.71 11.97 15.00 15.00 15.00 15.00	X _{2L} FEET 0.50 1.04 1.58 2.13 2.67 3.21	L ₂ FEET 10.20 17.01 20.58 21.13 21.67
3 4 5 6 7 8 9 3			5.71 11.97 15.00 15.00 15.00	0.50 1.04 1.58 2.13 2.67	10.20 17.01 20.58 21.13 21.67
4 5 6 7 8 9 3	2.75	2.75	11.97 15.00 15.00 15.00	1.04 1.58 2.13 2.67	17.01 20.58 21.13 21.67
5 6 7 8 9 3 4	2.75	2.75	15.00 15.00 15.00 15.00	1.58 2.13 2.67	20.58 21.13 21.67
6 7 8 9 3 4	2.75	2.75	15.00 15.00 15.00	2.13 2.67	21.13 21.67
7 8 9 3 4	2.75	2.75	15.00 15.00	2.67	21.67
8 9 3 4			15.00		
9 3 4				3.21	
3			15.00		22.21
4			15.00	3.76	22.76
			4.52	0.39	8.91
5			10.78	0.94	15.72
			15.00	1.48	20.48
6	3.0	3.0	15.00	2.02	21.02
7			15.00	2.57	21.57
8			15.00	3.11	22.11
9			15.00	3.65	22.65
3			2.14	0.19	6.32
4			8.40	0.73	13.13
5			14.67	1.27	19.94
6	3.5	3.5	15.00	1.82	20.82
7			15.00	2.36	21.36
8			15.00	2.90	21.90
9			15.00	3.45	22.45
3			**	**	**
4			6.03	0.52	10.55
5			12.29	1.07	17.36
6	4.0	4.0	15.00	1.61	20.61
7			15.00	2.15	21.15
8			15.00	2.70	21.70
9		1	15.00	3.24	22.24
	9 3 4 5 6 7 8 9 3 4 5 6	9 3 4 5 6 7 8 9 3 4 5 6 4 0 4 4 5 6 4 0 7	9 3 4 5 6 7 8 9 3 4 5 6 7 8 9 4 5 6 4,0 7 8	9 15.00 3 2.14 4 8.40 14.67 6 3.5 3.5 15.00 7 8 15.00 15.00 15.00 15.00 15.00 3 ** 6.03 12.29 6 4.0 4.0 15.00 15.00 15.00	9 15.00 3.65 3 2.14 0.19 4 8.40 0.73 5 14.67 1.27 6 3.5 15.00 1.82 15.00 2.36 15.00 2.90 15.00 3.45 ** ** 3 ** ** ** 6.03 0.52 12.29 1.07 6 4.0 4.0 15.00 1.61 15.00 2.15 15.00 2.70

7.0 % GUTTER LINE PROFILE

CURB RAMP TYPE 7

INCHES

5 6 7

0.0 % GUTTER LINE PROFILE					
Н	W	X _{1U}	X _{1L}	L_1	
INCHES	FEET	FEET	FEET	FEET	
3	4' MIN. 7' MAX.	3.00	3.00	10.00	
4		4.00	4.00	12.00	
5		5.00	5.00	14.00	
6		6.00	6.00	16.00	
7		7.00	7.00	18.01	
8		8.00	8.00	20.01	
9		9.00	9.00	22.01	

1.0	% GUTTE		5.			
Н	W	X _{1U}	X _{1L}	L ₁		Н
INCHES	FEET	FEET	FEET	FEET		INCHES
3		3.41	2.68	10.09		3
4	4' MIN. 7' MAX.	4.55	3.57	12.12		4
5		5.68	4.47	14.15		5
6		6.82	5.36	16.18		6
7		7.96	6.25	18.21		7
8		9.10	7.15	20.24		8
9		10.23	8.04	22.27		9
					•	

2.0	2.0 % GUTTER LINE PROFILE						
Н	W	X _{1U}	X _{1L}	L ₁			
INCHES	FEET	FEET	FEET	FEET			
3	4' MIN. 7' MAX.	3.95	2.42	10.37			
4		5.27	3.23	12.49			
5		6.58	4.03	14.62			
6		7.90	4.84	16.74			
7		9.22	5.65	18.86			
8		10.53	6.45	20.99			
9		11.85	7.26	23.11			

3.0 % GUTTER LINE PROFILE						
Н	W	X _{1U}	X _{1L}	L ₁		
INCHES	FEET	FEET	FEET	FEET		
3	4' MIN. 7' MAX.	4.69	2.21	10.90		
4		6.25	2.94	13.20		
5		7.82	3.68	15.49		
6		9.38	4.41	17.79		
7		10.94	5.15	20.09		
8		12.51	5.88	22.39		
9		14.07	6.62	24.69		

4.0	% GUTTE	R LINE PRO	OFILE	
Н	W	X _{1U}	X _{1L}	L1
INCHES	FEET	FEET	FEET	FEET
3		5.77	2.03	11.80
4	4' MIN. 7' MAX.	7.70	2.70	14.40
5		9.62	3.38	17.00
6		11.55	4.06	19.60
7		13.47	4.73	22.20
8		15.40	5.41	24.80
9		17.32	6.08	27.40

H W X _{1U} X _{1L} L1	5.0 % GUTTER LINE PROFILE						
3	Н	W	X _{1U}	X _{1L}	L1		
4 10.01 2.50 16.51 5 4' MIN. 12.51 3.13 19.64 6 7' MAY 15.00 3.75 22.75	INCHES	FEET	FEET	FEET	FEET		
5 4' MIN. 12.51 3.13 19.64 6 7' MAX 15.00 3.75 22.75	3		7.51	1.88	13.38		
6 7 MAX 15.00 3.75 22.75	4		10.01	2.50	16.51		
6 7' MAX 15.00 3.75 22.75	5		12.51	3.13	19.64		
7 / IVIAA. 15.00 4.38 23.38	6		15.00	3.75	22.75		
	7		15.00	4.38	23.38		
8 15.00 5.00 24.00	8		15.00	5.00	24.00		
9 15.00 5.63 24.63	9		15.00	5.63	24.63		

6.0 % GUTTER LINE PROFILE					
Н	W	X _{1U}	X _{1L}	L1	
INCHES	FEET	FEET	FEET	FEET	
3	4' MIN. 7' MAX.	10.73	1.74	16.47	
4		14.31	2.33	20.63	
5		15.00	2.91	21.91	
6		15.00	3.49	22.49	
7		15.00	4.07	23.07	
8		15.00	4.65	23.65	
9		15.00	5.23	24.23	

7.0	7.0 % GUTTER LINE PROFILE						
Н	W	X _{1U}	X _{1L}	L1			
INCHES	FEET	FEET	FEET	FEET			
3		15.00	1.63	20.63			
4	4' MIN. 7' MAX.	15.00	2.17	21.17			
5		15.00	2.72	21.72			
6		15.00	3.26	22.26			
7		15.00	3.81	22.81			
8		15.00	4.35	23.35			
9		15.00	4.89	23.89			

CONCRETE SIDEWALK

(PUBLIC SIDEWALK CURB RAMP TABLES)

CD-606-4

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

55 164

NOTES:

1. FOR CURB RAMP TYPES, SEE CD-606-1.

- 2. THE ABOVE TABLES ARE BASED ON THE SPECIFIC GUTTER PROFILE REFERENCED. THEY DO NOT TAKE INTO ACCOUNT VARIATIONS IN THE GUTTER PROFILE. THE ABOVE TABLES TO BE USED BY THE DESIGNERS AND CONTRACTORS TO GET APPROXIMATE DIMENSIONS OF THE CURB RAMP AT EACH LOCATION. FINAL DIMENSIONS WILL BE DETERMINED BY ACTUAL MEASUREMENTS IN THE FIELD DURING CONSTRUCTION.
- 3. THE 12H:1V MAX SLOPE IS THE RUNNING SLOPE FOR CURB RAMPS, BUT ONLY THE 12H:1V SLOPE MEASURED AS X IS THE RUNNING SLOPE FOR TYPE 3 AND TYPE 4 CURB RAMPS. ENSURE THE RUNNING SLOPE OF CURB RAMPS DOES NOT REQUIRE ITS LENGTH TO EXCEED 15 FEET. THE RUNNING SLOPE MAY EXCEED THE 12H:1V MAX SLOPE SO AS NOT TO EXCEED THE 15 FEET MAXIMUM LENGTH. THE TABLES ALREADY APPLY THE 15 FEET RULE FOR THOSE CALCULATED LENGTHS WHICH EXCEED 15 FEET.
- 4. DIMENSIONS SHOWN IN TABLES ARE FOR 3 INCH TO 9 INCH CURB HEIGHTS. WHERE THE CURB HEIGHTS ARE OTHER THAN WHAT IS PROVIDED IN THE TABLES, THE DIMENSIONS OF THE RAMPS WILL HAVE TO BE CALCULATED BASED ON CROSS SLOPES SHOWN.

LEGEND

U = UPPER SIDE OF GUTTER LINE PROFILE

L = LOWER SIDE OF GUTTER LINE PROFILE

FOR THE OTHER ABBREVIATIONS - REFER TO CD-606-1

- * TYPE 3 RAMP IS NOT APPLICABLE, USE TYPE 1
- ** TYPE 4 RAMP IS NOT APPLICABLE, USE TYPE 2

CD-606-4.1