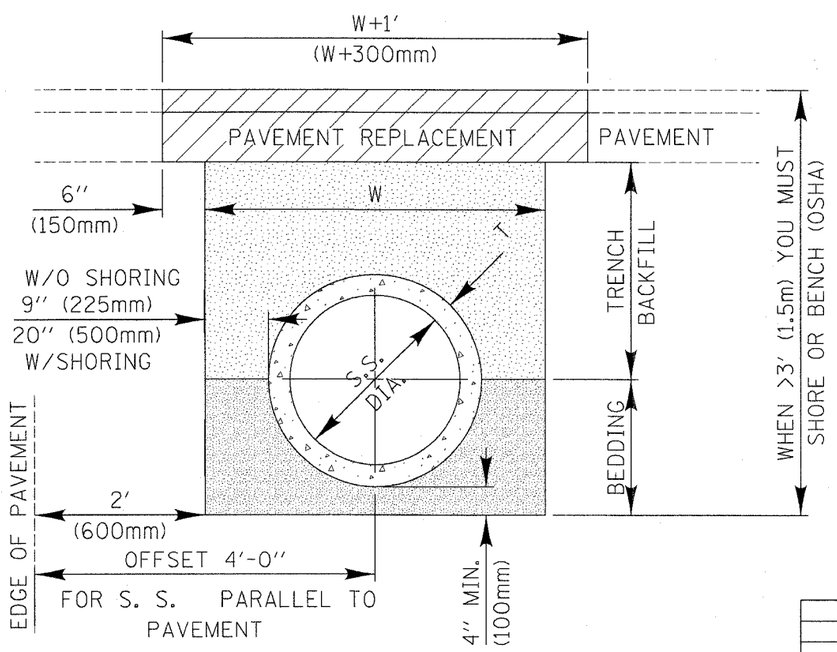
83656 p.97

ENGLISH

S.S. DIA.	T	WIDTH (W)		OFFSET FROM E.O.P.*		½AREA PIPE [O.D.] (SQ FT)
		WITHOUT SHORING	WITH SHORING	WITHOUT SHORING	WITH SHORING	
10″	2″	2′7″	4′5″	3′3″	4′2″	.506
12″	2″	2′9″	4′7″	3′4″	4′3″	.678
15″	2¼″	3′1″	4′10″	3′6″	4′5″	1.01
18″	2½″	3′4″	5′2″	3′8″	4′6″	1.41
21″	2¾″	3′8″	5′5″	3′9″	4′8″	1.87
24″	3″	4′0″	5′9″	3′11″	4′10″	2.39
27″	3¼″	4′3″	6′0″	4′1″	4′11″	2.99
30″	3½″	4′6″	6′3″	4′2″	5′1″	3.64
36″	4″	5′1″	6′10″	4′6″	5′5″	5.16
42″	4½″	5′8″	7′5″	4′9″	5′8″	6.90
48″	5″	6′3″	8′0″	5′1″	6′0″	8.93

METRIC

S.S. DIA.	T	WIDTH (W)		OFFSET FROM E.O.P.*		½AREA PIPE [O.D.] (SQ M)
		WITHOUT SHORING	WITH SHORING	WITHOUT SHORING	WITH SHORING	
250	48	0.796m	1.346m	0.998m	1.273m	.047
300	51	0.852m	1.402m	1.026m	1.301m	.063
375	57	0.939m	1.489m	1.070m	1.345m	.094
450	64	1.028m	1.578m	1.114m	1.389m	.131
525	70	1.115m	1.665m	1.158m	1.433m	.174
600	76	1.202m	1.752m	1.201m	1.476m	.222
675	83	1.291m	1.841m	1.246m	1.521m	.278
750	89	1.378m	1.928m	1.289m	1.564m	.338
900	102	1.554m	2.104m	1.377m	1.652m	.479
1050	114	1.728m	2.278m	1.464m	1.739m	.641
1200	127	1.904m	2.454m	1.552m	1.827m	.830



NOTES:

1. TRENCH BACKFILL IS REQUIRED IF THE STORM SEWER OR CULVERT OFFSET FROM THE EDGE OF THE PAVEMENT IS LESS THAN THE TABLULATED VALUES (THE INNER TRENCH WALL IS CLOSER THAN 2′ (.6m) TO THE EDGE OF PAVEMENT).
2. PAYMENT FOR THE TRENCH BACKFILL SHALL NOT EXCEED THE QUANTITY COMPUTED USING THE MAXIMUM TRENCH WIDTH DIMENSIONS. IF THE TRENCH IS EXCAVATED BEYOND THESE LIMITS, THE CONTRACTOR SHALL FURNISH AND PLACE ANY ADDITIONAL TRENCH BACKFILL AT HIS/HER EXPENCE.
3. IF THE TRENCH WIDTH IS LESS THAN THE ABOVE MAXIMUM VALUES, PAYMENT WILL BE BASED ON THE ACTUAL DIMENSIONS OF THE DUG TRENCH.
4. BEDDING SHALL BE PLACED FROM 4″ UNDER THE PIPE TO THE SPRING LINE OF THE PIPE AND IS INCIDENTAL TO THE CORRESPONDING STORM SEWER OR CULVERT PAY ITEM.
5. IF ANY PART OF THE EXCAVATION FOR A DRAINAGE STRUCTURE FALLS WITHIN 2′ (.6m) OF THE EDGE OF PAYMENT, THE SPACE BETWEEN THE SIDE OF THE EXCAVATION AND THE OUTER SURFACE OF THE DRAINAGE STRUCTURE SHALL BE FILLED WITH TRENCH BACKFILL. THE COST OF THIS ITEM IS INCLUDED IN THE PAY ITEM FOR THE DRAINAGE STRUCTURE.

SCALE: 1″ = 2′

REVISIONS	DATE
Maurice Scholten	06/21/01
DUAL DIMENSIONS	08/28/01

LakeCounty Division of Transportation

APPROVED BY: G. N. WIESNER
DATE: SEPT. 3, 1999

TRENCH WIDTHS FOR TRENCH BACKFILL & PAVEMENT REPLACEMENT

LC6009

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