STORM SEWER PIPE

CODE	FROM	TO	SIZE (In.)	LENGTH (L.F.)	TYPE	REMARKS
P-1	A-1	P.200	30	18	CL. III	Pull pipe
P-1a	Exist. 21"	P.200	21	25	CL. III	"Y" Conn.
P.2	A-2	P.201	21	~~16~~ 13.8	CL. III	"Y" Conn.
P.3	A-3	P.201	21	~~16~~ 19.0	CL. III	"Y" Conn.
P.4	A-4	P.201	21	~~16~~ 19.0	CL. III	"Y" Conn.
P.5	A-5	P.201	21	40	CL. III	"Y" Conn.
P.6	A-6	Exist. 24"	21	~~4~~ 10.0	CL. III	
P.7	A-7	Exist. 24"	21	~~74~~ 10.0	CL. III	
P.8	A-8	P-203	21	~~92~~	CL. III	
P.9	A-9	P.203	21	~~21~~ 20.5	CL. III	"Y" Conn.
P.10	A-10	A-11	21	5	CL. III	
P.11	A-11	P.204	21	~~21~~ 36.0	CL. III	"Y" Conn.
P.12	A-12	P.12a	21	~~6~~ 6.5	CL. III	"Y" Conn.
P.12a	P.12	M.H. #3	24	~~105~~ 106.5	CL. III	45° Bend
P.13	A-13	A-16	15	364	CL. III	90° Bend
P.14	A-14	P.13	15	~~53~~ 50.0	CL. III	"T" Conn.
P.15	A-15	P.13	15	53	CL. III	"T" Conn.
P.16	A-16	M.H. #4	15	~~42~~ 40.0	CL. III	
P.16a	Exist. 42"	M.H. #3	42	116	CL. III	
3 2 P.17	A-17	Exist. 24"	12	~~21~~ Deleted	CL. III	
2 P.18	A-18	Exist. 42"	18	25	CL. III	
P.19	A-19	P.204	21	~~22~~ 22.5	CL. III	"Y" Conn.
P.20	A-20	P.204	15	~~31~~ 34.0	CL. III	"Y" Conn.
P.21	A-21	A-22	15	~~130~~ 127.5	CL. III	
P.22	A-22	A-23	15	~~58~~ 60.0	CL. III	
P.23	A-23	P.205	21	~~53~~ 55.5	CL. III	"Y" Conn.
P.24	A-24	A-25	21	78	CL. III	
P.25	A-25	A-27	21	148	CL. III	
P.26	A-26	P.25	15	~~31~~ 35.0	CL. III	"Y" Conn.
P.27	A-27	C-1	24	52	CL. III	"Y" Conn.
P.28	A-28	A-29	15	~~59~~ 58.5	CL. III	
P.29	A-29	C-1	15	58	CL. III	"Y" Conn.
P.30	A-30	C-1	15	47	CL. III	"T" Conn.
P.31	A-31	C-1	15	47	CL. III	"T" Conn.
P.32	A-32	C-1	21	~~12~~ 10.0	CL. III	"Y" Conn.
P.33	A-33	A-34	15	58	CL. III	
P.34	A-34	A-35	15	~~25~~ 28.0	CL. III	
P.35	A-35	A-36	15	~~51~~ 54.0	CL. III	
P.36	A-36	C-1	15	39	CL. III	"T" Conn.
P.37	A-37	A-38	15	~~55~~ 58.0	CL. III	
P.37a	A-37a	A-37	~~21~~ 15	~~94~~ 90.3	CL. III	
P.38	A-38	A-39	15	~~57~~ 56.5	CL. III	
P.39	A-39	A-40	~~15~~ 21	57	CL. III	
P.40	A-40	A-41	~~15~~ 21	57	CL. III	
P.40a	A-40a	A-40	~~21~~ 15	~~49~~ 49.5	CL. III	
P.41	A-41	C-1	~~18~~ 24	~~151~~ 155.0	CL. III	"Y" Conn.
P-42	A-42	P.41	15	~~50~~ 47.0	CL. III	"Y" Conn.
P-43	A-43	P.41	15	33	CL. III	
P-44	A-44	C-1	21	~~44~~ 44.3	CL. III	"T" Conn.
P-45	A-45	C-1	15	~~16~~ 31.0	CL. III	"T" Conn.
P.45a	Exist. 21"	C-2	21	~~12~~ 9.5	CL. III	
P.46	A-46	C-2	21	22	CL. III	"T" Conn.
~~P.47~~	~~A-47~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.47a~~	~~Exist. 27"~~	~~C-2~~	~~27~~	~~12~~	~~CL. III~~	
~~P.48~~	~~A-48~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.49~~	~~A-49~~	~~P.50~~	~~15~~	~~576~~	~~CL. III~~	~~90° Bend~~
~~P.50~~	~~A-50~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.51~~	~~A-51~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.52~~	~~A-52~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.53~~	~~A-53~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.54~~	~~A-54~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.55~~	~~A-55~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.56~~	~~A-56~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.57~~	~~A-57~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.58~~	~~A-58~~	~~P.49~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.59~~	~~A-59~~	~~M.H. #28~~	~~18~~	~~65~~	~~CL. III~~	
~~P.60~~	~~A-60~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.61~~	~~A-61~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.62~~	~~A-62~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.63~~	~~A-63~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~

CODE	FROM	TO	SIZE (In.)	LENGTH (L.F.)	TYPE	REMARKS
~~P.64~~	~~A-64~~	~~C-2~~	~~21~~	~~27~~	~~CL. III~~	~~"T" Conn.~~
~~P.65~~	~~A-65~~	~~C-2~~	~~21~~	~~22~~	~~CL. III~~	~~"T" Conn.~~
~~P.66~~	~~A-66~~	~~A-67~~	~~15~~	~~41~~	~~CL. III~~	~~"T" Conn.~~
~~P.67~~	~~A-67~~	~~A-68~~	~~21~~	~~57~~	~~CL. III~~	
~~P.68~~	~~A-68~~	~~A-69~~	~~15~~	~~41~~	~~CL. III~~	
~~P.69~~	~~A-69~~	~~P.206~~	~~21~~	~~41~~	~~CL. III~~	~~"Y" Conn.~~
~~P.70~~	~~A-70~~	~~P.206~~	~~21~~	~~42~~	~~CL. III~~	~~30° Bend~~
~~P.71~~	~~A-71~~	~~A-72~~	~~15~~	~~41~~	~~CL. III~~	
~~P.72~~	~~A-72~~	~~P.206~~	~~18~~	~~41~~	~~CL. III~~	~~"Y" Conn.~~
~~P.73~~	~~A-73~~	~~P.207~~	~~21~~	~~17~~	~~CL. III~~	~~"Y" Conn.~~
~~P.74~~	~~A-74~~	~~P.208~~	~~21~~	~~17~~	~~CL. III~~	~~"Y" Conn.~~
P.75	—	—	—	—	—	Deleted
P-76	A-76	P.210	21	~~124~~ 120.5	CL. III	
P-77	A-77	P.210	21	~~110~~ 125.5	CL. III	"Y" Conn.
P.78	A-78	P.211	21	~~18~~ 45.5	CL. III	"Y" Conn.
P-79	A-79	P.212	21	~~27~~ 45.5	CL. III	"Y" Conn.
P.80	A-80	P.212	21	~~16~~ 50.0	CL. III	"Y" Conn.
P-81	A-81	P.214	15	~~29~~ 22.5	CL. III	"Y" Conn.
P-82	A-82	P.214	15	~~40~~ 92.0	CL. III	"Y" Conn.
P-83	A-83	P.214	21	~~26~~ 30.0	CL. III	"Y" Conn.
P.84	A-84	P.217	15	23	CL. III	"Y" Conn.
P.85	A-85	P.218	15	40	CL. III	"T" Conn.
P.86	A-86	A-87	15	~~96~~ 78.0	CL. III	
P.87	A-87	A-85	15	~~44~~ 62.0	CL. III	
P.88	A-88	A-91	15	323	CL. III	90° Bend
P.89	A-89	P.88	15	53	CL. III	"T" Conn.
P-90	A-90	A-91	15	42	CL. III	
P-91	A-91	A-93	15	417	CL. III	
P-92	A-92	A-93	15	42	CL. III	
P-93	A-93	A-95	18	193	CL. III	
P-94	A-94	A-95	15	42	CL. III	
P-95	A-95	P.219	18	47	CL. III	
P-96	A-96	A-97	15	~~111~~ 110.0	CL. III	
P-97	A-97	P.219	15	63	CL. III	"Y" Conn.
P-98	A-98	P.218	15	30	CL. III	"T" Conn.
P-99	A-99	A-98	15	41	CL. III	
P-100	A-100	A-101	15	135	CL. III	
P.101	A-101	A-102	15	~~333~~ 337.0	CL. III	
P.102	A-102	A-103	15	~~15~~ 17.0	CL. III	
P.103	A-103	A-104	15	15	CL. III	
P-104	A-104	P-218	15	~~15~~ 11.5	CL. III	
P.105	A-105	P.104	18	35	CL. III	"T" Conn.
P.105A	P.101	P.218	18	~~130~~ 127.0	CL. III	"Y" Conn.
P.106	A-106	P.221	18	~~17~~ 16.5	CL. III	"Y" Conn.
P-107	A-107	P.221	21	~~282~~ 264.0	CL. III	"T" Conn.
P-108	A-108	A-109	15	41	CL. III	
P.109	A-109	A-111	15	104	CL. III	
P.110	A-110	A-111	15	41	CL. III	
P-111	A-111	A-113	15	359	CL. III	
P-112	A-112	A-113	15	~~41~~ 36.0	CL. III	
P-113	A-113	M.H. #9	15	147	CL. III	
P-114	A-114	P-113	15	41	CL. III	
P-115	A-115	M.H. #9	15	~~42~~ 44.0	CL. III	
P-116	A-116	A-117	15	42	CL. III	
P-117	A-117	M.H. #9	24	~~38~~ 40.0	CL. III	
P-118	A-118	A-119	15	41	CL. III	
P-119	A-119	A-121	15	109	CL. III	
P-120	A-120	A-121	15	41	CL. III	
P-121	A-121	A-123	15	55	CL. III	
P-122	A-122	A-123	15	41	CL. III	
P-123	A-123	A-125	15	160	CL. III	
P-124	A-124	A-125	15	41	CL. III	
P-125	A-125	A-126	21	~~139~~ 135.5	CL. III	
P-126	A-126	A-127	21	29	CL. III	
P-127	A-127	A-117	24	29	CL. III	
P-128	A-128	P-225	21	~~334~~ 336.2	CL. III	"T" Conn.
P-129	A-129	P-128	21	~~13~~ 10.0	CL. III	"Y" Conn.
P-130	A-130	A-131	15	41	CL. III	
P-131	A-131	P-225	15	69	CL. III	"T" Conn.
P-132	A-132	P-226	21	~~39~~ 44.0	CL. III	"Y" Conn.
P-133	A-133	P-226	21	~~35~~ 40.0	CL. III	"Y" Conn.

CODE	FROM	TO	SIZE (In.)	LENGTH (L.F.)	TYPE	REMARKS
P-134	A-134	P.226	21	6	CL. III	"Y" Conn.
P-135	A-135	A-136	15	80	CL. III	
P-136	A-136	A-137	15	123	CL. III	
P-137	A-137	P-226	15	27	CL. III	"Y" Conn.
P-138	A-138	P-226	21	~~23~~ 22.0	CL. III	"Y" Conn.
P.138a	Exist. 18"	P.227	18	12	CL. III	"Y" Conn.
P-139	A-139	M.H. #16	21	~~20~~ 25.5	CL. III	"Y" Conn.
P-140	A-140	P.227	21	40	CL. III	"Y" Conn.
P-141	A-141	M.H. #16	21	~~21~~ 27.5	CL. III	
P-142	A-142	P-227	21	~~23~~ 24.0	CL. III	"Y" Conn.
P-143	A-143	P.227	21	~~23~~ 30.0	CL. III	"Y" Conn.
P-144	A-144	A-145	15	~~74~~ 72.0	CL. III	
P-145	A-145	A-146	15	91	CL. III	
P-146	A-146	A-147	15	~~110~~ 113.0	CL. III	
P-147	A-147	P.148	15	~~66~~ 47.0	CL. III	"Y" Conn.
P-148	A-148	P.228	21	~~99~~ 127.5	CL. III	30° Bend
P-149	A-149	P.228	21	48	CL. III	"Y" Conn.
P-150	A-150	M.H. #17	21	13	CL. III	
P-151	A-151	P-229	21	~~64~~ 71.0	CL. III	"T" Conn.
P-152	A-152	M.H. #19	21	12	CL. III	
P-153	A-153	M.H. #20	21	12	CL. III	
P-154	A-154	A-159	15	~~357~~ 334.5	CL. III	90° Bend
P-155	A-155	P-154	15	48	CL. III	"T" Conn.
P-156	A-156	P-154	15	54	CL. III	"T" Conn.
P-157	A-157	P-154	15	48	CL. III	"T" Conn.
P-158	A-158	P.154	15	54	CL. III	"T" Conn.
P-159	A-159	P.231	18	~~211~~ 207.5	CL. III	
P-160	A-160	A-161	15	~~22~~ 21.0	CL. III	
P-161	A-161	P-232	18	46	CL. III	"T" Conn.
P-162	—	—	—	—	—	Deleted
1 P-163	A-163	P-160	24	439	CL. III	2-15° Bends
P-164	A-164	M.H. #22	18	44	CL. III	"T" Conn.
1 P-165	A-165	P-232	15	32	CL. III	
1 P-166	A-166	P-232	15	12	CL. III	
1 P-167	A-167	P-232	15	32	CL. III	
1 P-168	A-168	P-232	15	~~12~~ 10.5	CL. III	
1 P-169	A-169	P-232	15	32	CL. III	
1 P-170	A-170	P-232	15	12	CL. III	
1 P-171	A-171	P-232	15	~~32~~ 33.0	CL. III	
1 P-172	A-172	P-232	15	12	CL. III	
~~P-173~~	~~A-173~~	~~A-174~~	~~15~~	~~44~~	~~CL. III~~	
~~P-174~~	~~A-174~~	~~A-176~~	~~15~~	~~92~~	~~CL. III~~	
~~P-175~~	~~A-175~~	~~A-176~~	~~15~~	~~44~~	~~CL. III~~	
P-176	A-176	A-178	15	56**	CL. III	**8 L.F. 15" (This Contract); 48 L.F. 15" (By Others)
P-177	A-177	A-178	15	44***	CL. III	
P-178	A-178	M.H. #23	15	61***	CL. III	*** (By Others)
P-179	A-179	A-180	21	~~65~~ 68.3	CL. III	
P-180	A-180	Exist. 24"	24	28	CL. III	
P-181	A-181	Exist. 54"	21	~~25~~ 31.0	CL. III	
P-182	A-182	Exist. 60"	21	~~30~~ 35.0	CL. III	
P-200	P-1	P-201	33	~~256~~ 294.5	CL. III	Pull pipe
P-201	P-200	M.H. #1	36	~~315~~ 249.0	CL. III	
P-202	Exist. Inlet	M.H. #1	21	~~160~~ Deleted	CL. III	
P-203	M.H. #1	P-204	48	~~767~~ 787.5	CL. III	
P-204	P-203	P-205	54	~~527~~ 519.0	CL. III	

* Sheet 1 of 2

LEGEND
——— NOT IN THIS CONTRACT

NO.	REVISION	BY	DATE
4	Asbuilts	RJ	10/22/87
3	Revise P-17	GMG	10/24/86
2	Revise Laterals P-17 & P-18	WRP	12/10/84
1	STORM SEWER & LATERALS M.H. No 22 TO No 23	GGS	5/84

TEXAS TURNPIKE AUTHORITY

DALLAS NORTH TOLLWAY

DRAINAGE SUMMARY
PIPE LISTING

Turner Collie & Braden Inc.
Consulting Engineers

SECTION VI

DRAWN J.B.L. DATE 8-83 DESIGNED J.B.L. DATE 8-83
CHECKED G.G.S. DATE 8-83 SCALE

CONTRACT NO. DNT-114 SHEET R46 OF R103

AS BUILT PLANS