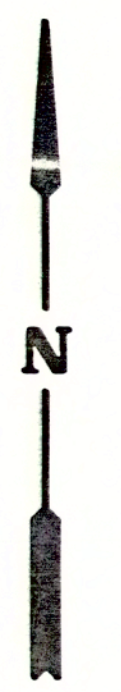
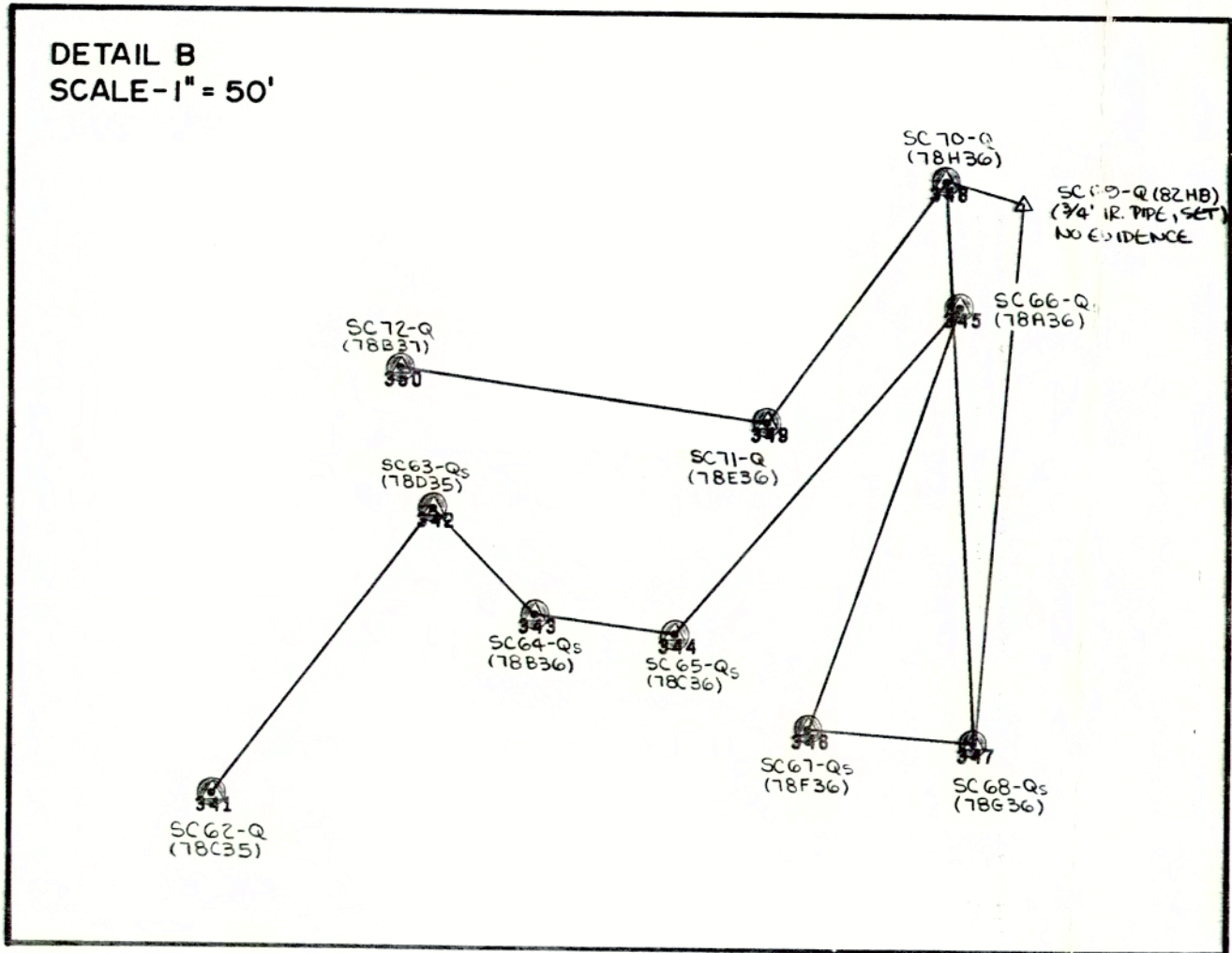
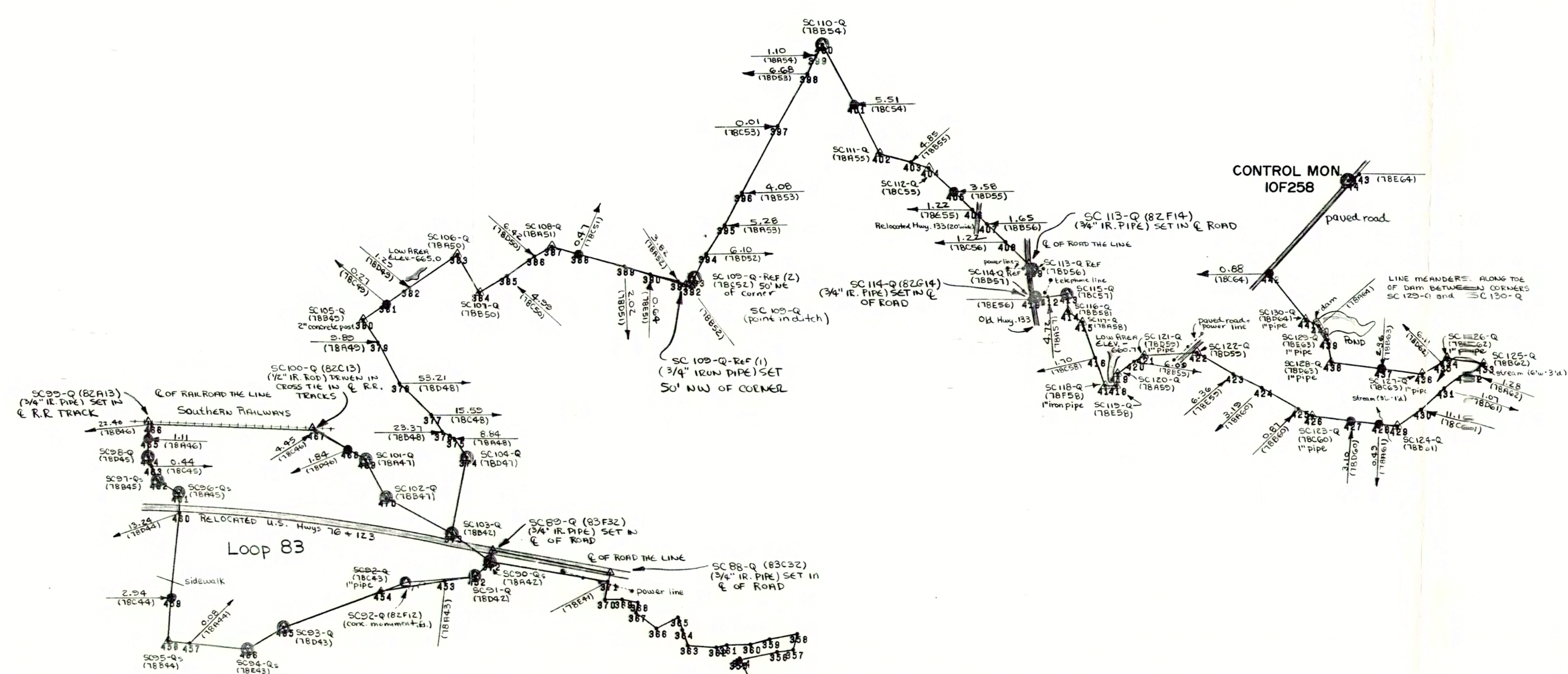
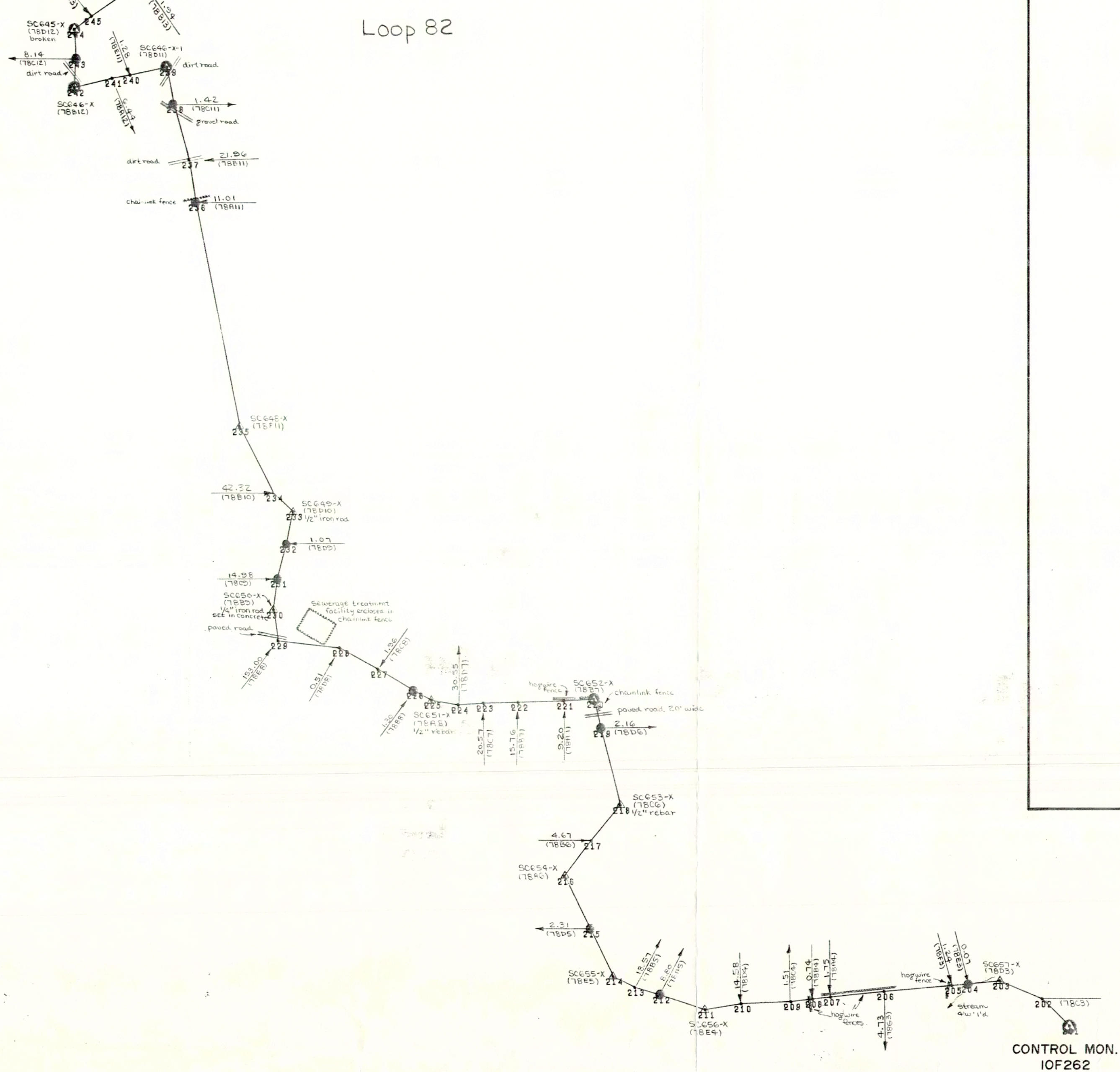
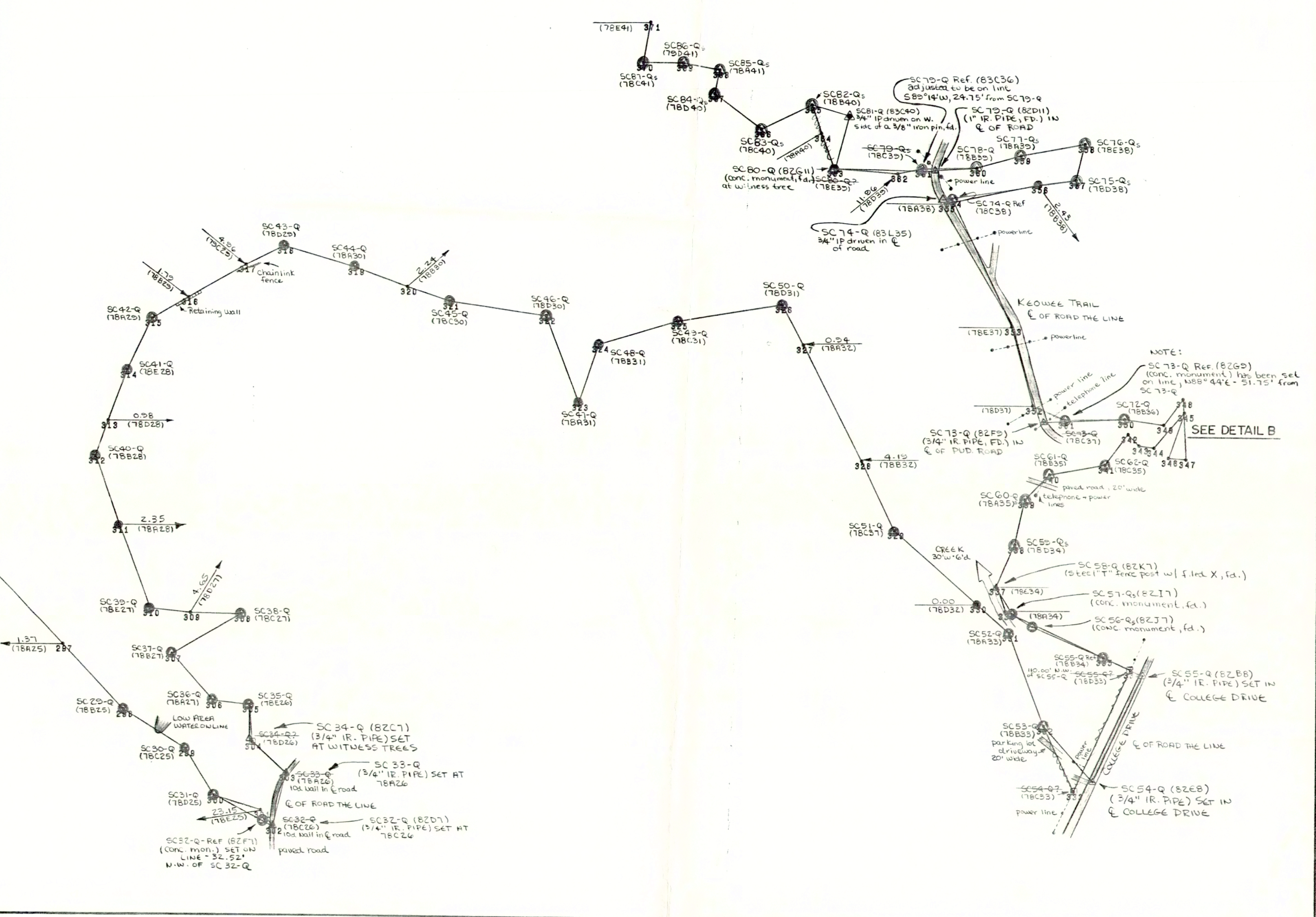


Loop 82



DETAIL A
SCALE - 1" = 200'



HARTWELL LAKE PROJECT
 SKETCH OF RANDOM TRAVERSE
 CONTRACT NO. DACW 21-73-C-0157
 1975 - CHARLES W. ELAM, SURVEYING - JANUARY
 LINCOLNTON, GEORGIA

- LEGEND**
- CONCRETE MONUMENT
 - ▲ 3/4 INCH IRON PIPE UNLESS OTHERWISE INDICATED
 - NAIL, RANDOM STATION
 - MISSING CORNER
 - 1/2 INCH AZIMUTH ROD
 - S - SUBSCRIPT ON CORNER - AS FOUND STENCILED

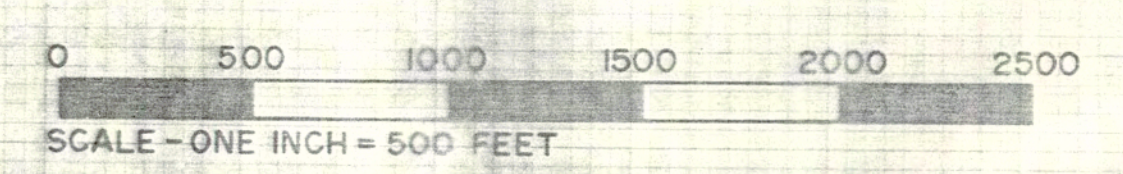


EXHIBIT 9A

CONTROL MON.
IOP266

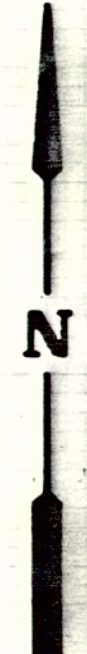
LOOP 89

LOOP 91

LOOP 92

LOOP 89

LOOP 90



HARTWELL LAKE PROJECT
 SKETCH OF RANDOM TRAVERSE
 CONTRACT NO. DACW 21-73-C-001
 1975 - CHARLES W. ELAM, SURVEYOR - MAY
 LINCOLN, GEORGIA

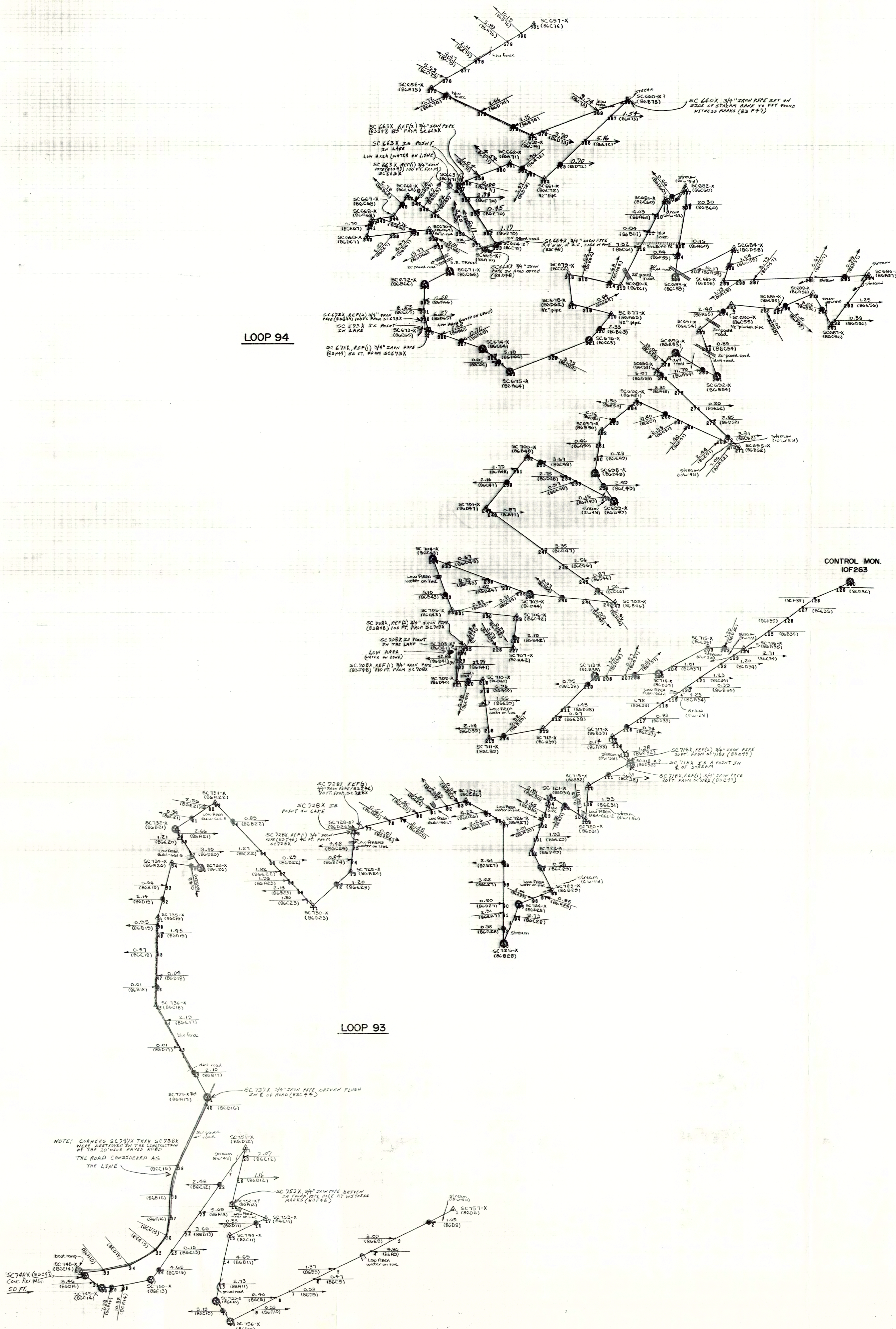
LEGEND

- CORNER POINT
- △ 3/4" DIA. PILE OR CROSS OTHERWISE INDICATED
- NAIL PIN POINT STATION
- MISSING CORNER
- 1/2" DIA. AT CENTER
- S SUBCUT AT CORNER - AS FOUND ETC.

0 500 1000 1500 2000
 SCALE - ONE INCH = 500 FEET

LOOPS 89, 90, 91, & 92
DISK 4, FILE 6

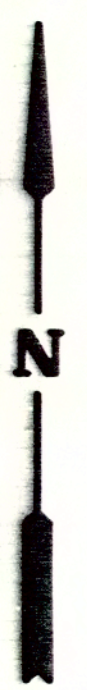
EXHIBIT 4B



LOOP 94

LOOP 93

CONTROL MON.
IOF263



HARTWELL LAKE PROJECT

SKETCH OF RANDOM TRAVERSE
 CONTRACT NO. DACW 21-73-C-0157
 1975 - CHARLES W. ELAM, SURVEYING - MAY
 LINCOLN, GEORGIA

LEGEND

- CONCRETE MONUMENT
- 1/4" IRON PIPE IN LINES
- NAIL, RANDOM STATION
- MISSING CORNER
- 1/2" IRON ARMUTH ROD
- SUBSCRIPT ON CORNER - AS FOUND STENCILED



EXHIBIT 4C

615X	S48 9 56 W	640.66	630510.98	1452129.66	SC
616X	N63 14 4 W	359.33	630672.80	1451808.83	SC
617X	S36 3 47 W	484.49	630281.12	1451523.62	SC
618X	S54 43 24 E	460.76	630015.05	1451899.77	SC
619X	S37 7 16 E	762.98	629406.68	1452360.23	SC
620X	N75 37 21 W	978.41	629649.63	1451412.46	SC
621X	S46 1 33 W	1354.28	628709.31	1450437.85	SC
622X	S21 23 44 E	557.04	628190.66	1450641.06	SC
623X	N80 10 33 E	255.83	628285.67	1451189.73	SC
624X	N17 49 14 E	336.85	628606.36	1451292.82	SC
625X	N76 45 56 E	359.45	628688.62	1451642.72	SC
626X	S61 26 44 E	611.96	628396.14	1452180.24	SC
627X	N17 9 46 E	329.40	628710.87	1452277.44	SC
628X	N76 35 40 E	1122.96	628971.22	1453369.80	SC
629X	N37 13 22 E	677.12	629510.40	1453779.40	SC
630X	N89 49 38 E	394.86	629511.59	1454174.25	SC
631X	S25 46 53 W	874.24	628724.37	1453794.01	SC
632X	S70 0 58 W	1351.11	628262.62	1452524.25	SC
633X	S24 46 14 E	715.00	627613.41	1452423.82	SC
633X1	N79 14 54 W	580.23	627721.65	1452253.78	SC

STATION BEARING DISTANCE NORTH EAST
COORDINATES

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
633X1	N80 4 39 W	727.34	627721.65	1452253.78	SC
633X2	N80 27 41 W	296.15	627846.98	1451537.32	SC
634X	S75 58 59 W	687.30	627896.06	1451245.27	SC
635X	N75 56 35 W	952.49	627729.59	1450578.44	SC
636X	S37 40 4 E	1005.17	627960.94	1449654.47	SC
637X	N63 10 25 W	728.56	627165.28	1450268.71	SC
638X	N48 23 6 W	498.07	627494.07	1449618.56	SC
639X	S68 44 19 W	377.28	627824.85	1449246.19	SC
640X	S14 9 13 W	398.25	627688.04	1448894.59	SC
641X	S46 40 34 E	410.72	627301.88	1448797.21	SC
642X	S46 16 41 W	646.22	627020.08	1449096.00	SC
1490	S60 53 6 E	692.90	626573.44	1448628.98	SC
1480	S 4 28 31 W	388.56	626236.30	1449234.33	SC
1470	S52 13 28 E	656.92	625848.93	1449204.01	SC
1460	S80 16 38 W	780.60	625446.52	1449723.25	SC
1450R	S80 16 37 W	37.22	625314.69	1448955.85	SC
1450	S 1 23 40 E	1177.91	625308.40	1448917.17	SC
1440	S54 25 56 E	42.07	624130.84	1448945.84	SC
1440R	S54 25 56 E	172.56	624106.37	1448980.06	SC
1430	N85 51 49 E	411.46	624006.00	1449120.43	SC
1420	N49 37 34 E	586.18	624035.68	1449530.82	SC
1410	N74 42 9 E	197.66	624415.39	1449977.39	SC
1400	S36 27 8 W	617.94	624467.54	1450168.05	SC
1390	S60 9 58 W	317.53	623970.50	1449800.90	SC
1380	S18 29 13 W	330.22	623812.53	1449525.45	SC
1370			623499.35	1449420.74	SC

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
643X			617535,70	1444228,31	SC
	S31 48 42 W	539,66			
644X			617247,06	1444049,27	SC
	S54 19 25 W	2399,78			
645X			615847,49	1442099,87	SC
	S 0 0 57 W	351,24			
646X			615486,25	1442099,77	SC
	N77 42 59 E	583,29			
646X1			615611,41	1442674,59	SC
	S11 8 14 E	2281,71			
648X			613372,67	1443115,32	SC
	S32 10 41 E	626,46			
649X			612842,44	1443448,95	SC
	S11 26 20 W	624,65			
650X			612230,20	1443325,07	SC
	S60 8 24 E	1129,62			
651X			611667,78	1444304,73	SC
	N89 18 30 E	1015,60			
652X			611680,04	1445320,25	SC
	S13 52 31 E	677,24			
653X			611022,56	1445482,55	SC
	S37 50 4 W	554,83			
654X			610576,46	1445136,20	SC
	S25 41 23 E	691,08			
655X			609953,69	1445435,78	SC
	S70 13 56 E	610,30			
656X			609747,28	1446010,12	SC
	N84 18 14 E	1842,89			
SC657X			609930,18	1447843,90	SC
	S57 48 48 W	1420,90			
658X			609173,30	1446641,38	SC
	S64 49 39 E	1502,52			
659X			608619,28	1447820,20	SC
	N69 58 52 E	1194,63			
660X			609028,24	1448942,64	SC
	S46 40 59 W	1345,79			
661X			608104,98	1447963,48	SC
	N64 51 58 W	447,81			
662X			608295,18	1447558,08	SC
	S67 34 24 W	577,00			
663X1			608075,05	1447024,71	SC
	S67 34 21 W	95,00			
663X			608042,62	1446946,14	SC
	S32 18 25 E	100,00			
663X2			607958,11	1446999,59	SC
	S32 18 25 E	740,00			
664X			607332,66	1447395,09	SC
	S56 4 6 W	115,42			
665X			607267,67	1447298,49	SC
	N55 19 25 W	1130,00			
666X			607910,58	1446369,21	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
666X			607910,58	1446369,21	SC
667X	S34 52 34 W	292,93	607670,26	1446201,71	SC
668X	S81 12 1 W	253,96	607631,41	1445950,74	SC
669X	S16 43 26 W	211,70	607428,66	1445889,82	SC
670X	N83 38 47 E	737,02	607510,22	1446622,31	SC
671X	S25 9 35 E	539,89	607021,55	1446851,84	SC
672X	S62 16 4 W	330,39	606867,80	1446559,40	SC
673X1	S 1 0 19 E	425,00	606442,87	1446566,85	SC
673X	S 1 0 19 E	100,00	606342,88	1446568,60	SC
673X2	S71 9 24 E	50,00	606326,74	1446615,93	SC
674X	S71 9 24 E	660,00	606113,57	1447240,56	SC
675X	S50 2 20 E	417,35	605845,52	1447560,45	SC
676X	N68 42 30 E	998,14	606207,96	1448490,46	SC
677X	N39 51 40 E	399,86	606514,89	1448746,74	SC
678X	N75 52 50 W	474,91	606630,74	1448286,18	SC
679X	N 6 41 40 W	351,71	606980,05	1448245,18	SC
680X	S77 51 37 E	619,93	606849,68	1448851,25	SC
681X	N27 38 7 E	1137,58	607857,48	1448378,91	SC
682X	N64 26 42 E	270,18	607974,03	1449622,66	SC
683X	S 7 13 30 W	1030,40	606951,81	1449493,07	SC
684X	N64 11 51 E	763,94	607284,33	1450180,84	SC
685X	S17 25 52 W	400,55	606902,17	1450060,85	SC
686X	N87 35 29 E	1699,62	606973,60	1451758,97	SC
687X	S36 23 17 W	724,45	606390,41	1451329,19	SC
688X	N30 34 21 W	426,81	606757,89	1451112,10	SC
689X	S65 56 34 W	460,27	606570,26	1450691,81	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		SC
			NORTH	EAST	
689X	N84 26 26 W	549,97	606570,26	1450691,81	SC
690X	S50 29 10 W	462,50	606623,54	1450144,43	SC
691X	S19 32 20 E	585,18	606329,27	1449787,63	SC
692X	N59 47 51 W	560,75	605777,79	1449983,34	SC
693X	S44 46 47 W	300,03	606059,88	1449498,71	SC
694X	S46 37 55 E	1319,14	605846,91	1449287,37	SC
695X	N65 21 41 W	1320,55	604941,08	1450246,33	SC
696X	S49 48 29 W	538,93	605491,61	1449046,01	SC
697X	S 8 46 44 W	500,50	605143,81	1448634,33	SC
698X	S33 44 32 E	400,06	604649,17	1448557,94	SC
699X	N62 7 32 W	1139,32	604316,50	1448780,16	SC
700X	S38 43 6 W	785,59	604849,17	1447773,03	SC
701X	S53 26 46 E	1886,14	604236,23	1447281,65	SC
702X	N83 48 23 W	1009,81	603112,88	1448796,78	SC
703X	N69 50 59 W	1201,57	605221,83	1447792,86	SC
704X	S20 16 28 E	640,66	605655,75	1446664,84	SC
705X	S83 57 2 E	761,28	603034,78	1446886,84	SC
706X	S 6 41 24 W	370,94	602954,55	1447643,88	SC
707X	N88 18 50 W	560,00	602586,14	1447600,66	SC
708XR1	N88 18 50 W	100,00	602602,61	1447040,90	SC
708X	S 0 2 45 E	190,00	602605,56	1446940,95	SC
708XR2	S 0 2 45 E	230,00	602415,56	1446941,10	SC
709X	N85 59 14 E	510,52	602185,56	1446941,29	SC
710X	S 5 43 3 E	690,52	602207,29	1447251,05	SC
711X	N79 53 40 E	648,63	601520,20	1447319,84	SC
712X			601654,01	1447958,41	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
712X			601634,01	1447958,41	SC
	N44 42 59 E	861,60			
713X			602246,26	1448564,63	SC
	N87 16 32 E	741,19			
714X			602281,49	1449304,98	SC
	N61 39 2 E	659,05			
715X			602594,44	1449884,99	SC
	S87 34 47 E	421,73			
716X			602576,63	1450306,34	SC
	S55 57 39 W	1862,62			
717X			601534,01	1448762,86	SC
	S36 12 20 E	350,16			
718XR1			601251,47	1448969,70	SC
	S36 12 20 E	20,00			
718X			601235,33	1448981,51	SC
	S60 50 0 W	20,00			
718XR2			601225,58	1448964,05	SC
	S60 50 0 W	550,00			
719X			600957,54	1448483,79	SC
	S 4 32 32 W	399,41			
720X			600559,38	1448452,16	SC
	N56 1 9 W	492,61			
721X			600834,71	1448043,67	SC
	S18 41 53 W	684,54			
722X			600186,30	1447824,22	SC
	S26 28 14 E	520,08			
723X			599720,74	1448056,04	SC
	S68 16 21 W	420,05			
724X			599565,24	1447665,83	SC
	S21 32 21 W	497,55			
725X			599102,43	1447483,15	SC
	N 0 12 11 E	1419,80			
726X			600522,22	1447488,19	SC
	N59 44 20 W	510,46			
727X			600779,46	1447047,29	SC
	S75 53 38 W	1280,01			
728XR1			600467,50	1445805,88	SC
	S75 53 38 W	70,00			
728X			600450,44	1445737,99	SC
	S 5 0 50 W	40,00			
728XR2			600410,59	1445734,49	SC
	S 5 0 50 W	460,00			
729X			599952,35	1445694,29	SC
	S47 47 26 W	603,21			
730X			599547,09	1445247,50	SC
	N43 12 11 W	1070,69			
731X			600764,91	1444103,77	SC
	S56 45 54 W	559,52			
732X			600458,25	1443635,77	SC
	S32 43 26 E	542,09			
733X			600002,20	1443928,82	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
733X			600002,20	1443928,82	SC
734X	N81 17 36 W	340,08	600023,68	1443592,65	SC
735X	S14 41 22 W	663,26	599412,10	1443424,47	SC
736X	S 1 22 5 W	1035,31	598377,09	1443399,75	SC
737XR	S28 39 48 E	1241,74	597287,52	1443995,37	SC
737X	S28 39 48 E	32,23	597259,24	1444010,83	SC
86D16	S17 9 41 W	67,88	597194,38	1443990,79	SC
86D15	S26 5 42 W	2108,69	595300,64	1443063,27	SC
86A15	S79 50 37 W	303,10	595246,84	1442762,95	SC
748X	S84 10 17 W	272,93	595219,12	1442491,42	SC
748XR	S53 39 39 E	50,00	595189,49	1442531,70	SC
749X	S53 39 39 E	254,00	595038,98	1442736,31	SC
750X	N80 33 38 E	585,53	595135,01	1443313,90	SC
751X	N35 51 7 E	1921,16	596692,17	1444439,12	SC
752X	S13 38 24 W	690,53	596021,12	1444276,28	SC
753X	S67 25 5 E	429,81	595856,07	1444673,14	SC
754X	S64 37 54 W	470,08	595654,67	1444248,39	SC
755X	S12 16 46 W	791,00	594881,77	1444080,16	SC
756X	S34 20 28 E	290,24	594642,12	1444243,88	SC
757X	N63 29 55 E	2950,46	595958,67	1446884,33	SC
758X	S36 9 23 W	660,07	595425,72	1446494,89	SC
759X	S61 54 28 W	1125,29	594895,56	1445501,29	SC
760X	S41 25 30 W	589,78	594453,88	1445111,73	SC
761X	S42 48 43 E	1031,55	593697,15	1445812,76	SC
762X	S87 8 39 W	1055,58	593644,56	1444758,48	SC
763X	N24 10 13 E	390,65	594000,96	1444918,44	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		
			NORTH	EAST	
763X			594000,96	1444918,44	SC
	S89 39 6 W	1092,37			
764X			593994,32	1443826,09	SC
	S22 7 33 E	359,15			
765X			593661,62	1443961,36	SC
	S51 13 48 W	370,31			
766X			593429,73	1443672,64	SC
	N13 54 11 W	539,25			
767X			593953,18	1443543,07	SC
	S67 30 47 W	477,68			
768X			593770,48	1443101,71	SC
	N19 38 48 W	367,94			
769X			594117,00	1442978,00	SC
	S89 59 28 W	458,00			
770X			594116,93	1442519,89	SC
	S 1 57 50 W	1433,66			
771X			592684,11	1442470,77	SC
	N36 52 38 W	1924,10			
772X			594223,24	1441316,11	SC
	S53 13 7 W	563,95			
773X			593885,57	1440864,43	SC
	N70 2 49 W	494,39			
774X			594054,28	1440399,72	SC
	N37 27 23 E	649,91			
775X			594570,19	1440794,97	SC
	N13 55 7 W	620,33			
776X			595172,31	1440645,75	SC
	S52 50 23 W	1179,58			
777X			594459,79	1439705,69	SC
	S62 1 15 E	640,27			
778X			594159,41	1440271,12	SC
	S30 44 9 W	849,22			
779X			593429,48	1439837,10	SC
	N55 51 27 W	572,66			
780X			593750,89	1439363,14	SC
	N14 9 57 W	459,37			
781X			594196,29	1439250,72	SC
	S74 40 49 W	330,46			
782X			594108,98	1438932,00	SC
	S 7 1 34 W	570,22			
783X			593543,04	1438862,25	SC
	N79 36 8 W	640,13			
784X			593658,57	1438232,63	SC
	S21 30 22 E	405,87			
785X			593280,96	1438381,42	SC
	S 5 38 38 W	436,55			
786X			592846,53	1438338,49	SC
	S36 50 4 E	215,06			
787X			592433,49	1438647,87	SC
	S22 52 54 E	154,26			
788X			592291,37	1438707,85	SC

HARTWELL BOUNDARY LINE

STATION	BEARING	DISTANCE	COORDINATES		SC
			NORTH	EAST	
838X			588870,49	1443270,75	SC
	N80 11 49 W	214,44			
839X			588907,00	1443059,44	SC
	N34 18 12 W	305,84			
840X			589159,64	1442887,08	SC
	N51 36 34 E	245,50			
841X			589312,10	1443079,50	SC
	N40 38 48 E	339,73			
842X			589569,87	1443300,80	SC
	N12 26 36 W	145,68			
843X			589712,13	1443269,41	SC
	N45 44 9 E	165,21			
844X			589827,44	1443387,72	SC
	N80 59 49 W	194,65			
845X			589857,90	1443195,47	SC
	N29 26 9 E	178,96			
846X			590013,76	1443283,42	SC
	N11 37 7 W	214,41			
847X			590223,78	1443240,24	SC
	N52 55 12 W	269,67			
848X			590386,37	1443025,10	SC
	N74 54 46 W	216,65			
849X			590442,76	1442815,92	SC
	N11 8 41 E	341,14			
850X			590777,47	1442881,86	SC
	N 9 55 36 E	880,63			
851X			591644,92	1443033,67	SC
	S20 5 54 E	1179,95			
852X			590536,82	1443439,14	SC
	S78 19 46 E	359,89			
853X			590464,02	1443791,59	SC
	N22 10 21 E	300,21			
854X			590742,03	1443904,89	SC
	N53 22 29 W	411,01			
855X			590987,23	1443575,03	SC
	N23 46 22 E	899,23			
856X			591810,16	1443937,52	SC
	S33 10 6 E	670,46			
857X			591248,94	1444304,32	SC
	N54 51 15 E	1543,79			
858X			592137,64	1445566,67	SC
	N13 42 58 W	363,97			
859X			592491,23	1445480,37	SC
	S46 5 49 E	510,22			
860X			592276,11	1445705,89	SC
	N71 0 4 E	900,91			
861X			592569,40	1446555,72	SC
	S65 6 51 E	293,87			
862X			592443,63	1446826,84	SC
	N87 46 46 E	500,15			
863X			592463,01	1447326,62	SC