

Index of Sheets

Sheet No.	1	Title
Sheet No.	2-2.8	Typical Sections and Details
Sheet No.	3-3.2	Estimate of Quantities
Sheet No.	3A-3.6	Miscellaneous Quantities
Sheet No.	4-4.8	Right of Way Plat
Sheet No.	5-5.3	Plan and Profile
Sheet No.	6-6.16	Standard Detail Drawings
Sheet No.	-	Standard Sign Plates
Sheet No.	8-8.4	Structure Plans
Sheet No.	-	Computer Earthwork Data
Sheet No.	9-9.46	Cross Sections

TOTAL SHEETS = 102

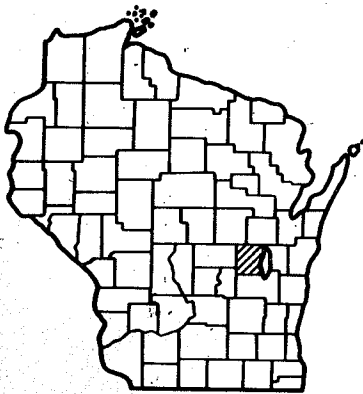
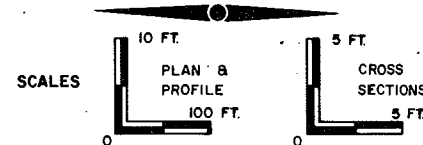
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

76
U.S.H. 45 - U.S.H. 41

~~S.T.H. 114 CTH JJ~~
WINNEBAGO COUNTY

STATE PROJECT NUMBER
6550-1-71,72



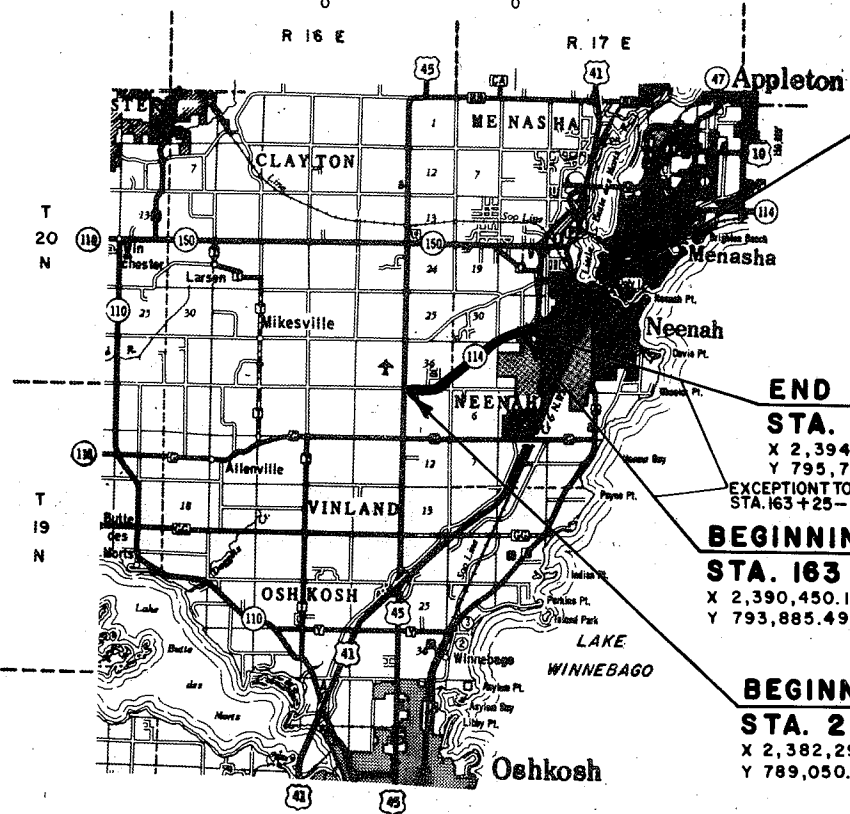
WINNEBAGO

Design Designation

A.D.T. (1986)	=	2,980
A.D.T. (2006)	=	4,580
D.H.V. (2006)	=	550
D.	=	60-40
T.	=	11
V.	=	60-30 M.P.H.

Conventional Signs

County Line	-----	Caution Symbol (Combustible fluids under pressure)	
Township or Range Line	-----	Railroads	
Section Line	-----	Fence	
Corporate or City Limits	-----	Culverts in Place	
Property line	-----	Culverts Required	
Lot Line	-----	Power Pole	
Existing Right of Way Line	-----	Telephone or Telegraph Pole	
New Right of Way Line	-----	Right of Way Markers	
Base or Survey Line	-----	Marsh	
Slope Intercept	-----	Wooded Area	
Existing Roadway or Private Entrance	-----	Grade Elevation	



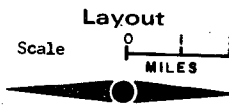
END OF PROJECT 6550-1-71
STA. 180 + 30.48
X 2,395,859.974
Y 796,447.358

END OF PROJECT 6550-1-72
STA. 175 + 60
X 2,394,321.035
Y 795,776.967

EXCEPTION TO NET L LENGTH OF 6550-1-71
STA. 163 + 25 - 175 + 60

BEGINNING OF PROJECT 6550-1-72
STA. 163 + 25
X 2,390,450.186
Y 793,885.491

BEGINNING OF PROJECT 6550-1-71
STA. 22 + 00
X 2,382,298.201
Y 789,050.043



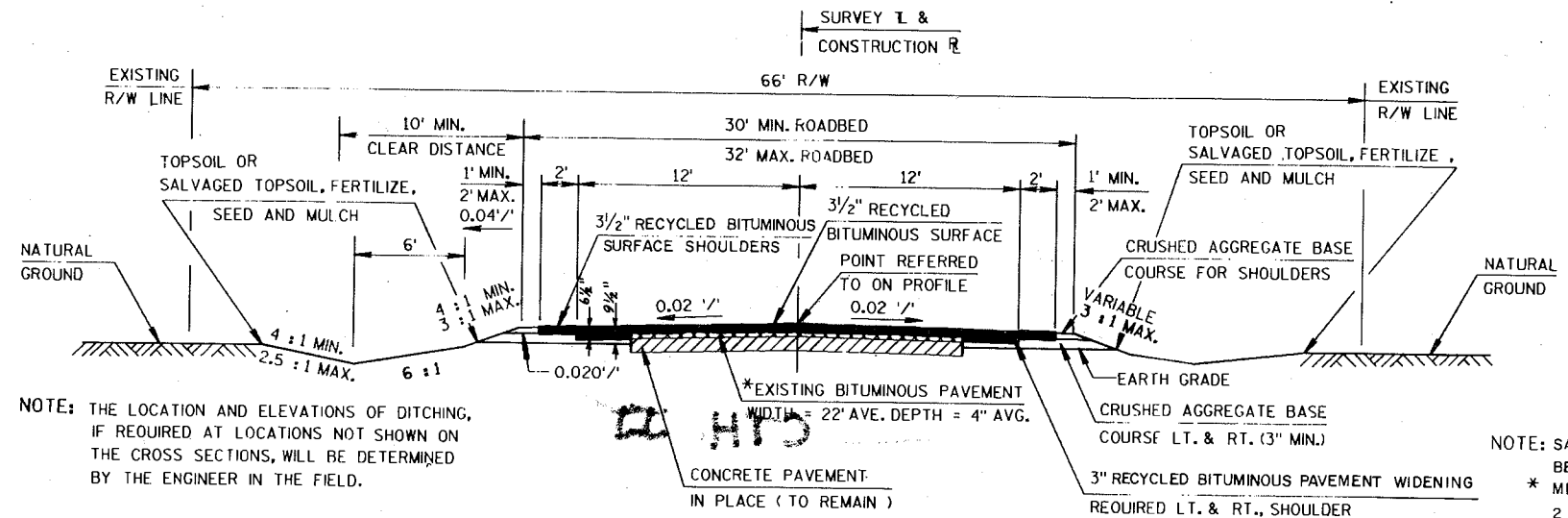
Total Net Length of Centerline = 2.764 Mi. PROJ. 6550-1-71
" " " " = 0.234 Mi. PROJ. 6550-1-72
TOTAL = 2.998 Mi.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
Surveyor <u>A.H.</u>	District Checker <u>G.G.D.</u>
Designer <u>J.E.M.</u>	C.O. Checker <u>[Signature]</u>
District Supervisor <u>R.L.S.</u>	C.O. Coordinator <u>[Signature]</u>
Approved:	
Date <u>9-6-85</u>	<u>[Signature]</u> District Transportation Director
Approved:	
Date <u>9-30-85</u>	<u>[Signature]</u> Project Design Engineer
Approved:	
Date <u>10/1/85</u>	<u>[Signature]</u> Director of Development
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION 5 WISCONSIN DIVISION	
Approved:	
Date _____ Division Administrator	

6550-1-71,72
W/CA22-4-73, CA18-2-71

66-RTD ← M1-RT2 010

STATE PROJECT NUMBER	SHEET NO.
6550-01-71872	2.0
TYPICAL CROSS SECTIONS FOR	
S.T.H. 114 WINNEBAGO CO.	



NOTE: THE LOCATION AND ELEVATIONS OF DITCHING, IF REQUIRED AT LOCATIONS NOT SHOWN ON THE CROSS SECTIONS, WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

NOTE: SALVAGED BITUMINOUS PAVEMENT MAY BE OBTAINED FROM PROJECT 6432-4-73. * MILL THE EXISTING BITUMINOUS PAVEMENT 2 INCHES AT CENTERLINE ON A 0.02 FT/FT SLOPE. THE PLAN QUANTITY WAS COMPUTED USING A WIDTH OF 18 FEET.

NOTE: THE CRUSHED AGGREGATE BASE COURSE SHOULDERS SHALL BE WIDENED TO 4 FEET AT THE LOCATION OF STRUCTURE C - 70 - 47 AND THE STEEL PLATE BEAM GUARD. (SEE CROSS SECTIONS)

TYPICAL FINISHED CROSS SECTION FOR S.T.H. 114

- STA. 22 + 00 TO STA. 45 + 00
- STA. 58 + 00 TO STA. 163 + 25
- STA. 163 + 25 TO STA. 165 + 00 LT.
- STA. 171 + 00 TO STA. 175 + 60 RT.
- STA. 175 + 60 TO STA. 180 + 30.48

UTILITIES

- DIGGERS HOTLINE 1-800-242-8511
- WISCONSIN BELL INC.
EILEEN GILISPIE
221 WEST WASHINGTON STREET
APPLETON, WISCONSIN 54911
- WISCONSIN PUBLIC SERVICE CORPORATION
R.C. BUTTKE 414-433-1388
P.O. BOX 19002
GREEN BAY, WISCONSIN 54307-9002
- A.N.R. PIPELINE COMPANY
M.O. MAXSON 414-477-4211
615 WEST MORELAND BLVD.
WAUKESHA, WISCONSIN 53186
- WISCONSIN ELECTRIC POWER COMPANY
NORBERT SCHEMM 414-735-8445
100 WEST LAWRENCE DRIVE
APPLETON, WISCONSIN 54911
- WISCONSIN NATURAL GAS COMPANY
J.C. HERB 414-735-8357
800 SOUTH LYNNDALE
APPLETON, WISCONSIN 54914
- CITY OF NEENAH
DIRECTOR OF PUBLIC WORKS 414-729-4626
211 WALNUT STREET
NEENAH, WISCONSIN 54956

STANDARD DETAIL DRAWINGS

- CATCH BASIN, MANHOLE AND INLET COVERS 8A5-3a
- INLETS, TYPES 1, 2 AND 3 8C1-4
- CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES 8D1-9
- CONCRETE SURFACE DRAINS 8D4-1
- SOD OR MASONRY AND SOD DITCH CHECKS 8E4-2
- CONCRETE MASONRY ENDWALLS (CIRCULAR PIPE AND PIPE ARCHES) 8E6-4
- APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCHES 8F1-9
- LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS 9A1-5
- METAL, FIBER AND PVC CONDUIT 9B2-2
- NAME PLATE- STRUCTURES 12A3-4
- PAVEMENT MARKING 13B5-4
- CLASS "A" STEEL PLATE BEAM GUARD 14B2-8a & b
- CONSTRUCTION BARRICADES AND STANDARD SIGNS 15C1-7
- LANDMARK REFERENCE MONUMENTS 16A1-4
- TRAFFIC CONTROL TO CLOSE HIGHWAY UNDER CONSTRUCTION 15C2-1
- TRAFFIC CONTROL FOR TEMPORARY ROAD CLOSURES 15C3-1

GENERAL NOTES

WHEN THE QUANTITIES OF THE ITEMS OF CRUSHED AGGREGATE BASE COURSE OR BITUMINOUS CONCRETE PAVEMENT ARE MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION, LENGTH AND ELEVATIONS OF CULVERT PIPE WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE BITUMINOUS PAVEMENT REMOVAL ALONG S.T.H. 114 AND OUTSIDE THE EDGES OF THE EXISTING CONCRETE PAVEMENT WILL BE MEASURED AS UNCLASSIFIED EXCAVATION. THIS BITUMINOUS PAVEMENT AND ALL CONCRETE PAVEMENT REMOVED SHALL NOT BE INCORPORATED IN THE FILL.

FILL AS SHOWN ON THE MISCELLANEOUS QUANTITY SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED EXCAVATION, EXCLUDING THE BITUMINOUS PAVEMENT REMOVED AS UNCLASSIFIED EXCAVATION. THE SHRINKAGE ALLOWANCE WAS NOT DETERMINED.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER IN THE FIELD.

THE BITUMINOUS MATERIAL FOR RECYCLED BITUMINOUS PAVEMENT WAS ESTIMATED AT 3.1% OF THE TOTAL TONNAGE.

THE QUANTITY OF MATERIAL FOR SURFACE COURSE IS BASED ON USING 50% BY WEIGHT OF SALVAGED BITUMINOUS PAVEMENT MATERIAL IN THE TOTAL RECYCLED BITUMINOUS PAVEMENT.

THREE AND ONE HALF INCH RECYCLED BITUMINOUS SURFACE SHALL BE CONSTRUCTED WITH A TWO INCH LOWER COURSE AND A ONE AND ONE HALF INCH UPPER COURSE. FIVE INCH RECYCLED BITUMINOUS SURFACE SHALL BE CONSTRUCTED WITH A ONE AND ONE HALF INCH LOWER COURSE, A TWO INCH MIDDLE COURSE AND A ONE AND ONE HALF INCH UPPER COURSE.

ALL INTERSECTIONS SHALL BE TYPE "C" UNLESS INDICATED OTHERWISE ON THE PLAN.

THE EXACT LOCATIONS AND DIMENSIONS OF BASE PATCHING WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

PRIVATE UTILITY COMPANIES SHALL ADJUST OR MOVE ALL PRIVATELY OWNED UTILITIES TO FIT THE NEW CONSTRUCTION. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL UTILITY STRUCTURES IN THE PROJECT AREA AS A CONDITION OF THE CONTRACT.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE MULCHED, FERTILIZED AND SEEDED AS DIRECTED BY THE ENGINEER.

CURB HEIGHTS AT THE ENDS OF CURB AND GUTTER SHALL BE TAPERED FROM 0 TO 6 INCHES IN SIX FEET. CURB AND GUTTER RADII ARE SHOWN TO THE EDGE OF PAVEMENT.

THE LENGTHS OF CULVERT PIPE SHOWN ON THE PLAN WERE BASED ON THE METAL ALTERNATE. THE LENGTHS WILL NEED TO BE ADJUSTED IF THE CONCRETE ALTERNATE IS USED. NO CULVERT PIPES SHALL BE ORDERED WITHOUT THE APPROVAL OF THE ENGINEER.

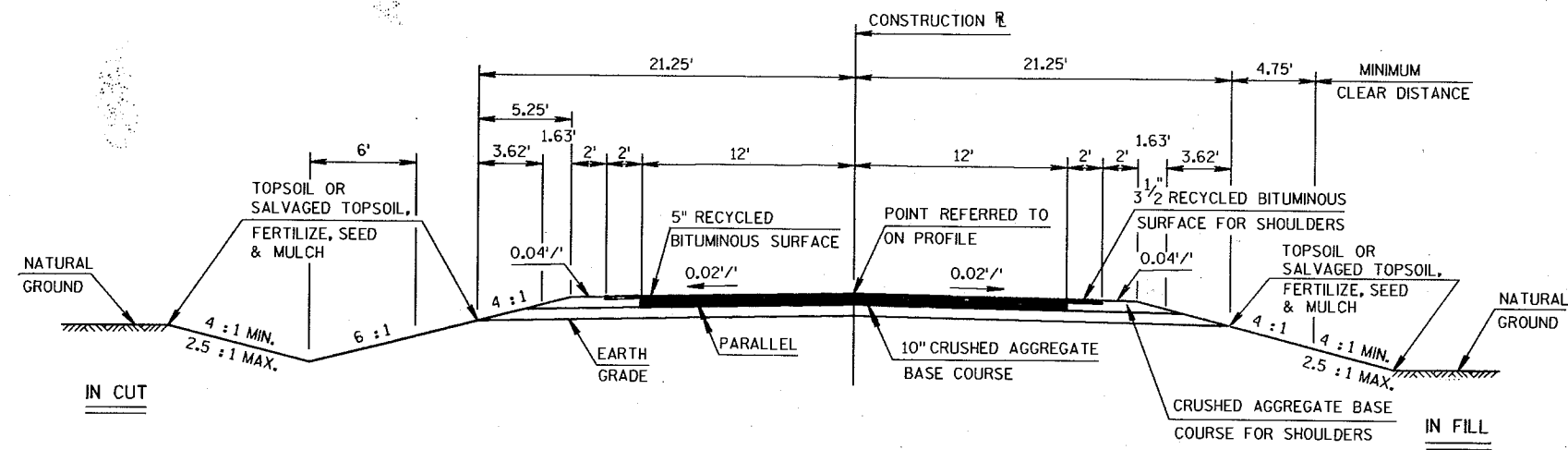
A QUANTITY OF PIPE UNDERDRAIN HAS BEEN INCLUDED IN THIS PLAN. THIS UNDERDRAIN SHALL BE INSTALLED AT LOCATIONS DETERMINED BY THE ENGINEER IN THE FIELD.

ALL COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM SOUTH ZONE. GRID DISTANCE = 0.999970 X GROUND DISTANCE.

BEARINGS ON THIS PLAN ARE GRID BEARINGS TO THE NEAREST SECOND.

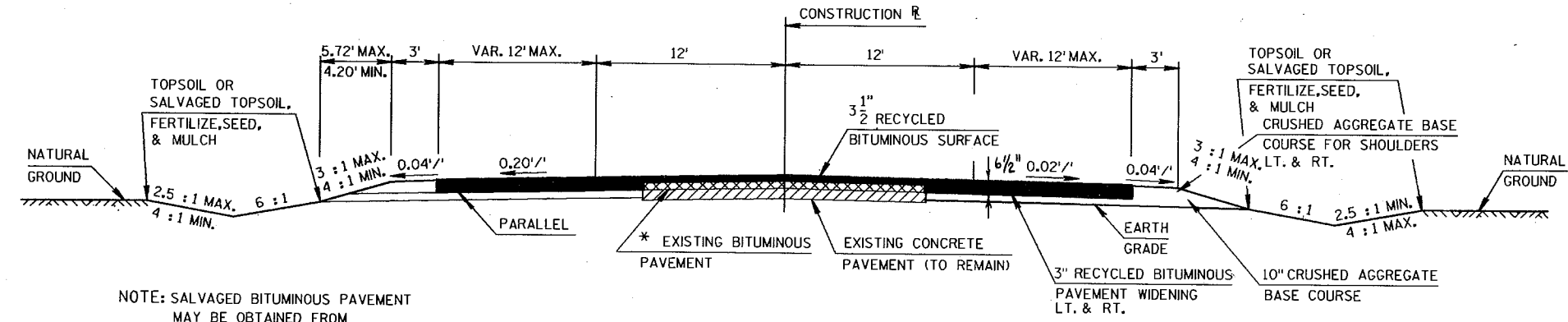
THE CONTROL SURVEY FOR THIS IMPROVEMENT WAS CONDUCTED UNDER AND MET SPECIFICATIONS FOR THE THIRD ORDER CONTROL SURVEYS.

ALL ELEVATIONS ON THIS PROJECT ARE REFERENCED TO THE UNITED STATES GEODETIC SURVEY.



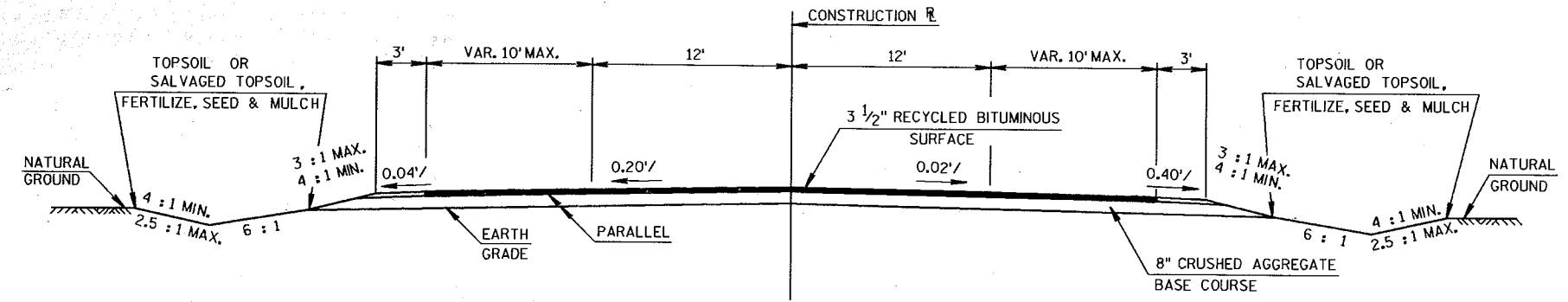
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 114
STA. 45 + 00 TO STA. 58 + 00

NOTE: SALVAGED BITUMINOUS PAVEMENT
MAY BE OBTAINED FROM
PROJECT 6432 - 4 - 73



TYPICAL FINISHED CROSS SECTION FOR S.T.H. 114
STA. 163 + 25 TO STA. 171 + 00 RT.
STA. 165 + 00 TO STA. 175 + 60 LT.

NOTE: SALVAGED BITUMINOUS PAVEMENT
MAY BE OBTAINED FROM
PROJECT 6432 - 4 - 73
* MILL THE EXISTING BITUMINOUS
PAVEMENT 2 - INCHES AT CENTERLINE
ON A 0.02 FT. / FT. SLOPE.
THE PLAN QUANTITY WAS COMPUTED
USING A WIDTH OF 18 FEET.



TYPICAL FINISHED CROSS SECTION FOR TULLAR ROAD
STA. 17 + 90 TO STA. 22 + 02

REPORT OF TESTS ON BITUMINOUS PAVEMENT
PRELIMINARY RECYCLE INVESTIGATION

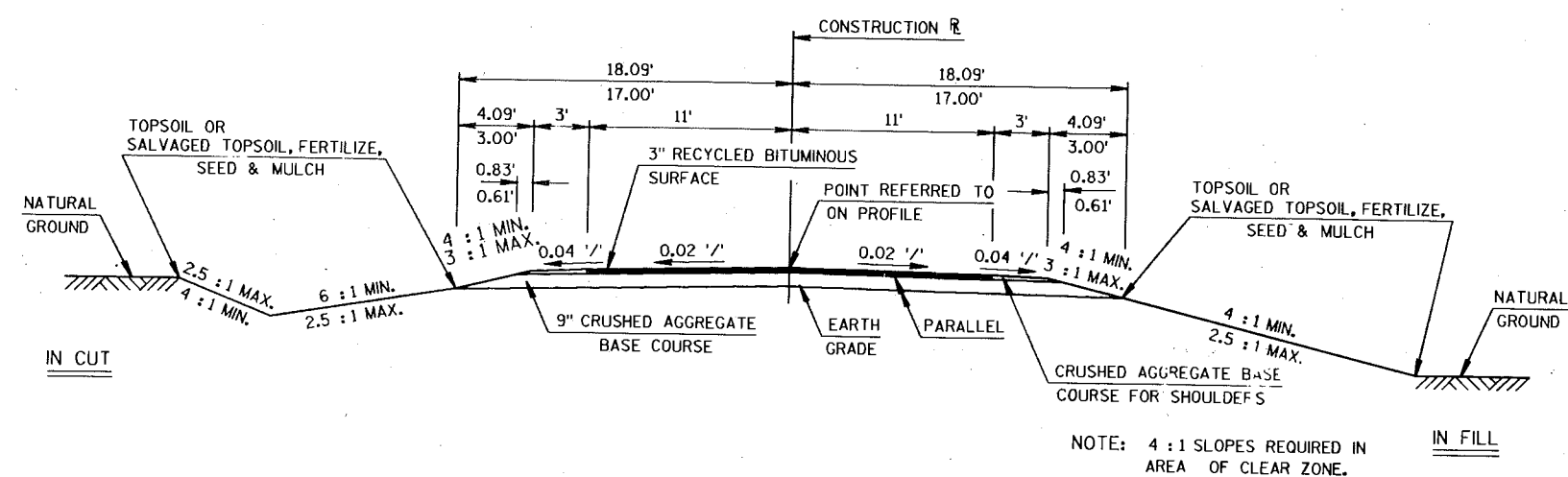
SIEVE SIZES	PERCENTAGE BY WEIGHT PASSING								
	LOCATION (STATIONING)								
	22+50 TO 48+90	54+20 TO 70+00	75+30 TO 96+40	101+70 TO 122+80	128+10 TO 149+20	154+50 TO 175+60	138+70 TO 154+50	159+80 TO 175+60	22+50 TO 96+40
	CORE NUMBERS								
	1-6	7-11	12-16	17-21	22-26	27-31	24-27	28-31	1-16
	TOP 3/4"-1 3/4"	TOP 1 1/2"	TOP 1 3/8"-1 7/8"	TOP 2"	TOP 1 3/8"-1 1/2"	TOP 1 1/2"	BOTTOM PORTION	BOTTOM PORTION	BOTTOM PORTION
	BITUMINOUS CONCRETE PAVEMENT								
	ROAD MIX								
3/4"	100	100	100	100	100	100	100	100	100
1/2"	97	98	98	98	97	97	98	97	97
3/8"	85	87	86	86	84	87	89	91	92
4	57	59	57	62	57	60	67	69	59
8	39	40	38	42	39	41	54	54	36
50	19	19	17	17	18	19	24	24	15
200	9.7	9.0	8.8	8.0	9.6	8.9	9.9	9.7	7.0
ASPHALT %	5.1	5.2	5.1	4.9	4.9	4.9	5.7	5.7	4.5
PEN AT 77°F	29	25	23	28	25	30	49	51	163

SURFACING BORING LOG

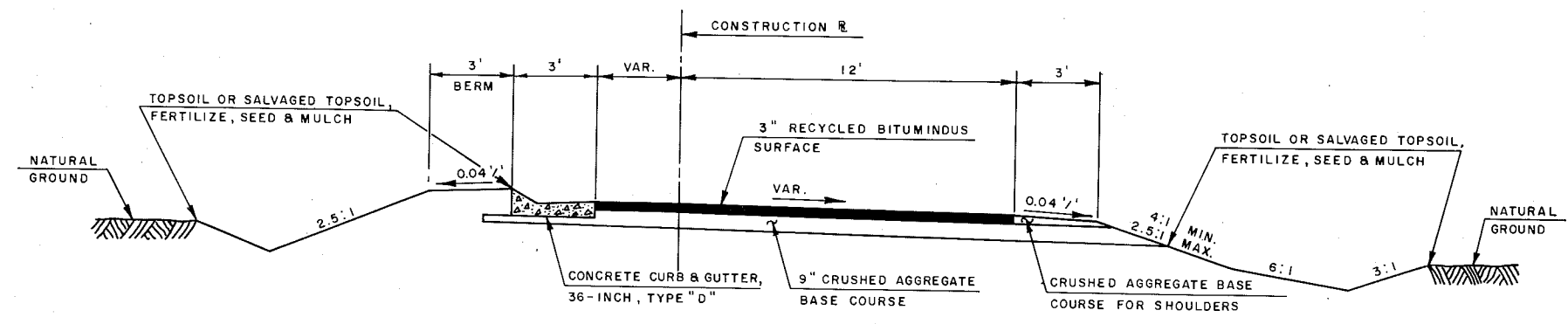
STATION TO STATION	CORE NUMBERS	SAMPLE DEPTH	TOTAL DEPTH
		INCHES	INCHES
22 + 50 - 48 + 90	1 THRU 6	TOP 3/4 - 1 3/4	3 - 8
54 + 20 - 70 + 00	7 THRU 11	TOP 1 1/2	5 1/2 - 9 1/2
75 + 30 - 96 + 40	12 THRU 16	TOP 1 3/8 - 1 7/8	3 1/2 - 4 5/8
101 + 70 - 122 + 80	17 THRU 21	TOP 2	NO RECORD
128 + 10 - 149 + 20	22 THRU 26	FULL DEPTH & 1 3/8 - 1 1/2	3 1/8 - 6 1/8
154 + 50 - 175 + 60	27 THRU 31	TOP 1 1/2	3 - 3 1/2
138 + 70 - 154 + 50	24 THRU 27	BOTTOM 2 - 4 5/8	
159 + 80 - 175 + 60	28 THRU 31	BOTTOM 1 1/2 - 2	
22 + 50 - 96 + 40	1 THRU 16	BOTTOM 2 - 8	

LEVELS ON = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

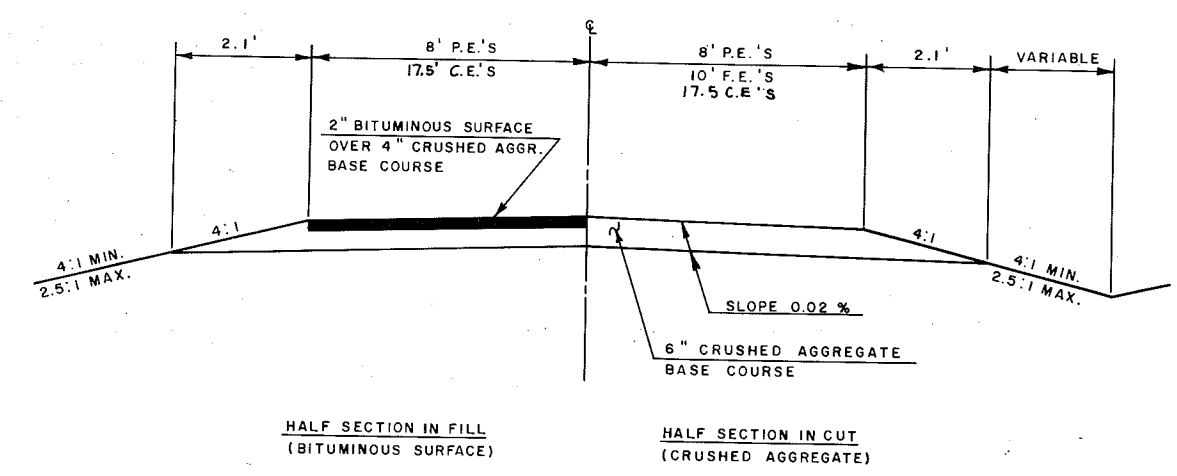
STATE PROJECT NUMBER	SHEET NO.
6550-1-71872	2.2
TYPICAL CROSS SECTIONS FOR	
S.T.H. 114	WINNEBAGO CO.



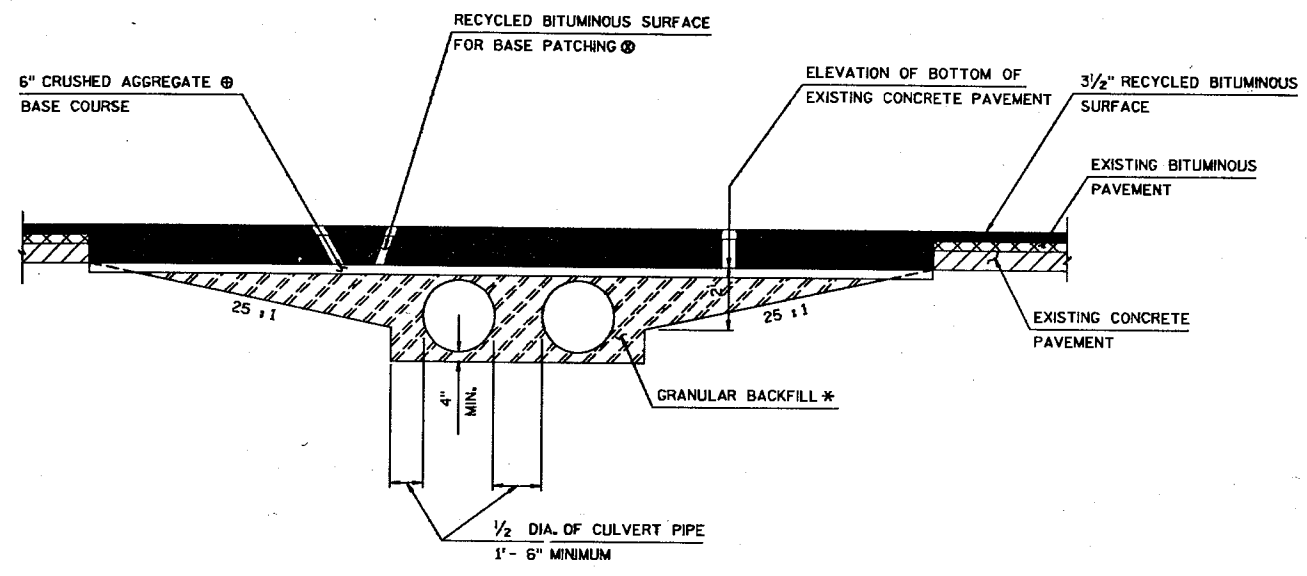
TYPICAL FINISHED CROSS SECTION FOR SIDE ROADS



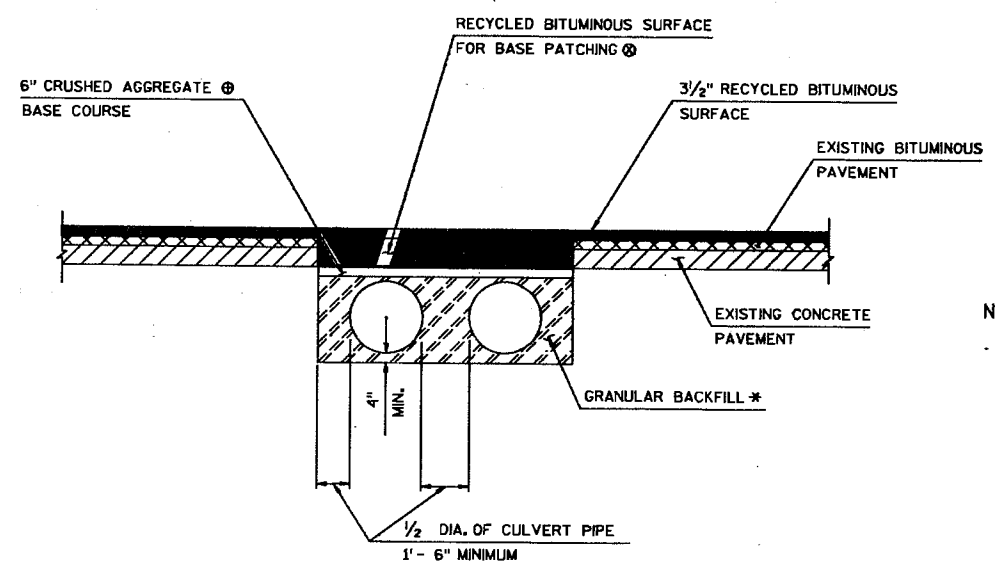
TYPICAL CROSS SECTION FOR BREEZEWOOD LANE
(WHERE CONCRETE CURB & GUTTER IS REQ'D. ON LEFT)



TYPICAL CROSS SECTION FOR PRIVATE, FIELD, & COMMERCIAL ENTRANCES



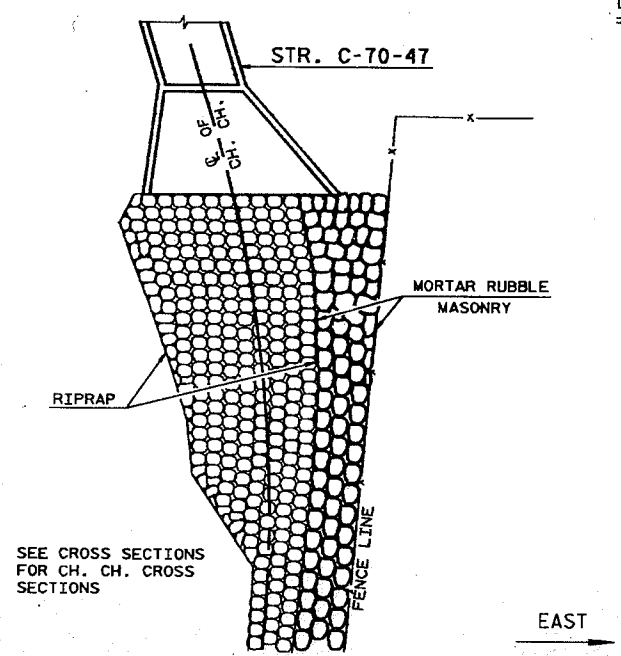
DETAIL FOR CROSS - DRAIN AT STATION 96 + 15



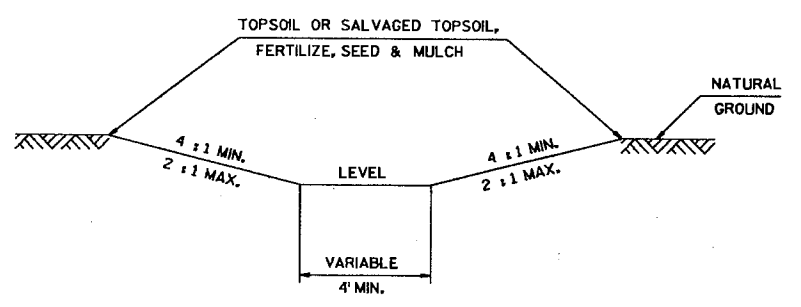
DETAIL FOR CROSS - DRAINS AT THE FOLLOWING STATIONS
26 + 29, 41 + 78, 66 + 66, 77 + 68, 78 + 85, 126 + 19, 146 + 15, 168 + 20
BASE PATCHING DETAIL SHALL APPLY FOR REINFORCED CONCRETE BOX CULVERT AT STATION 104 + 08

NOTE: * TO BE MEASURED IN THE FINAL POSITION AND PAID FOR AT THE CONTRACT PRICE PER CUBIC YARD.
⊕ TO BE PAID FOR AT THE CONTRACT PRICE PER TON.
⊙ PLACE FULL DEPTH TO THE WIDTH OF THE EXISTING PAVEMENT. THE COST SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF BASE PATCHING, BITUMINOUS.

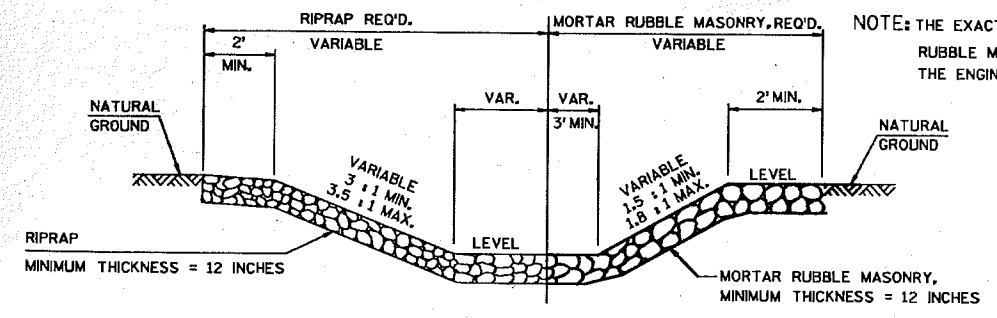
DETAILS FOR BASE PATCHING AT CROSS - DRAIN CULVERT PIPES



SEE CROSS SECTIONS FOR CH. CH. CROSS SECTIONS



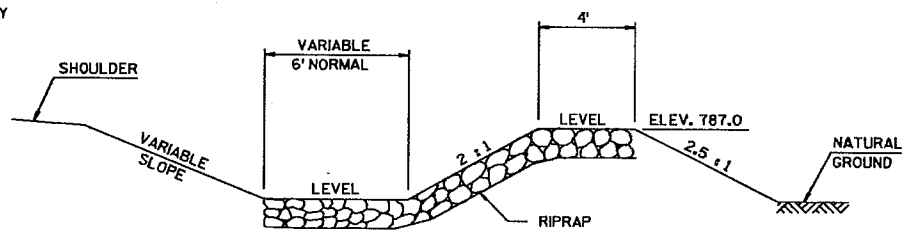
TYPICAL SECTION OF CHANNEL OR DRAINAGE DITCH EXCAVATION



DETAIL OF RIPRAP AND MORTAR RUBBLE MASONRY IN CHANNEL CHANGE

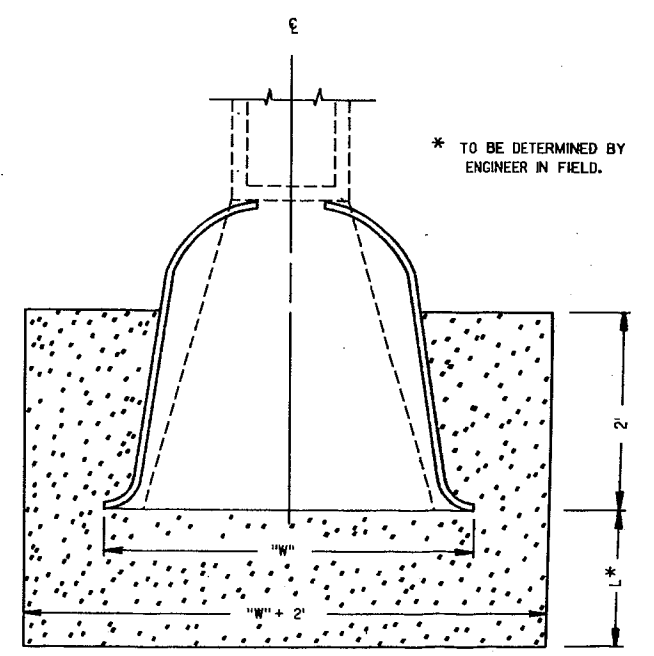
STA. 104 + 08 - RIGHT

NOTE: THE EXACT LIMITS OF RIPRAP AND MORTAR RUBBLE MASONRY WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



DETAIL OF RIPRAP AT STATION 78 + 75, RIGHT

THE EXACT LIMITS OF RIPRAP WILL BE DETERMINED BY THE ENGINEER IN THE FIELD



SOD OR RIPRAP AT PIPE END

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

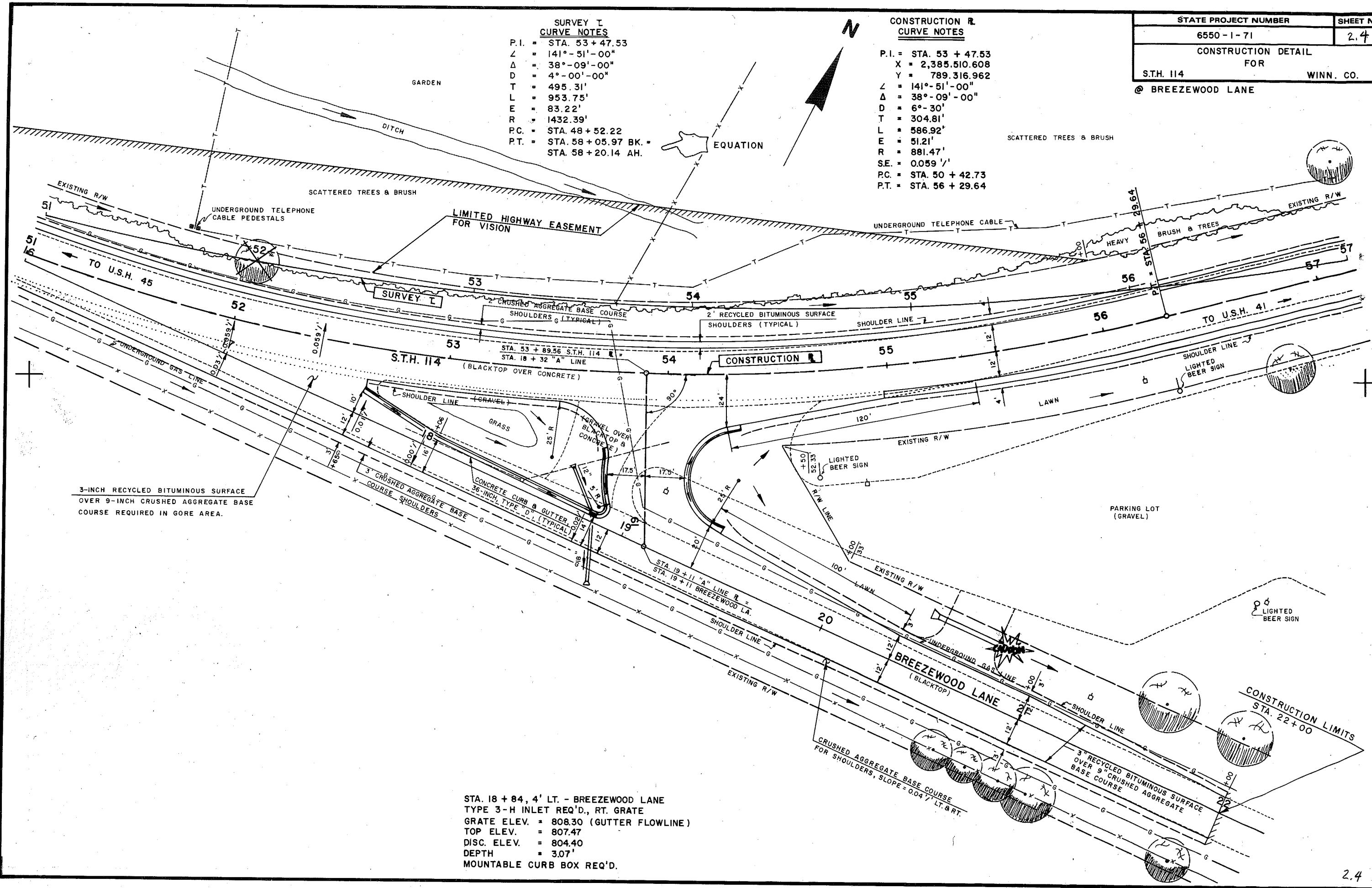
STATE PROJECT NUMBER	SHEET NO.
6550-1-71	2.4
CONSTRUCTION DETAIL	
FOR	
S.T.H. 114	WINN. CO.
@ BREEZEWOOD LANE	

**SURVEY I
CURVE NOTES**

P.I. = STA. 53 + 47.53
 Δ = 141° - 51' - 00"
 Δ = 38° - 09' - 00"
 D = 4° - 00' - 00"
 T = 495.31'
 L = 953.75'
 E = 83.22'
 R = 1432.39'
 P.C. = STA. 48 + 52.22
 P.T. = STA. 58 + 05.97 BK. =
 STA. 58 + 20.14 AH.

**CONSTRUCTION R
CURVE NOTES**

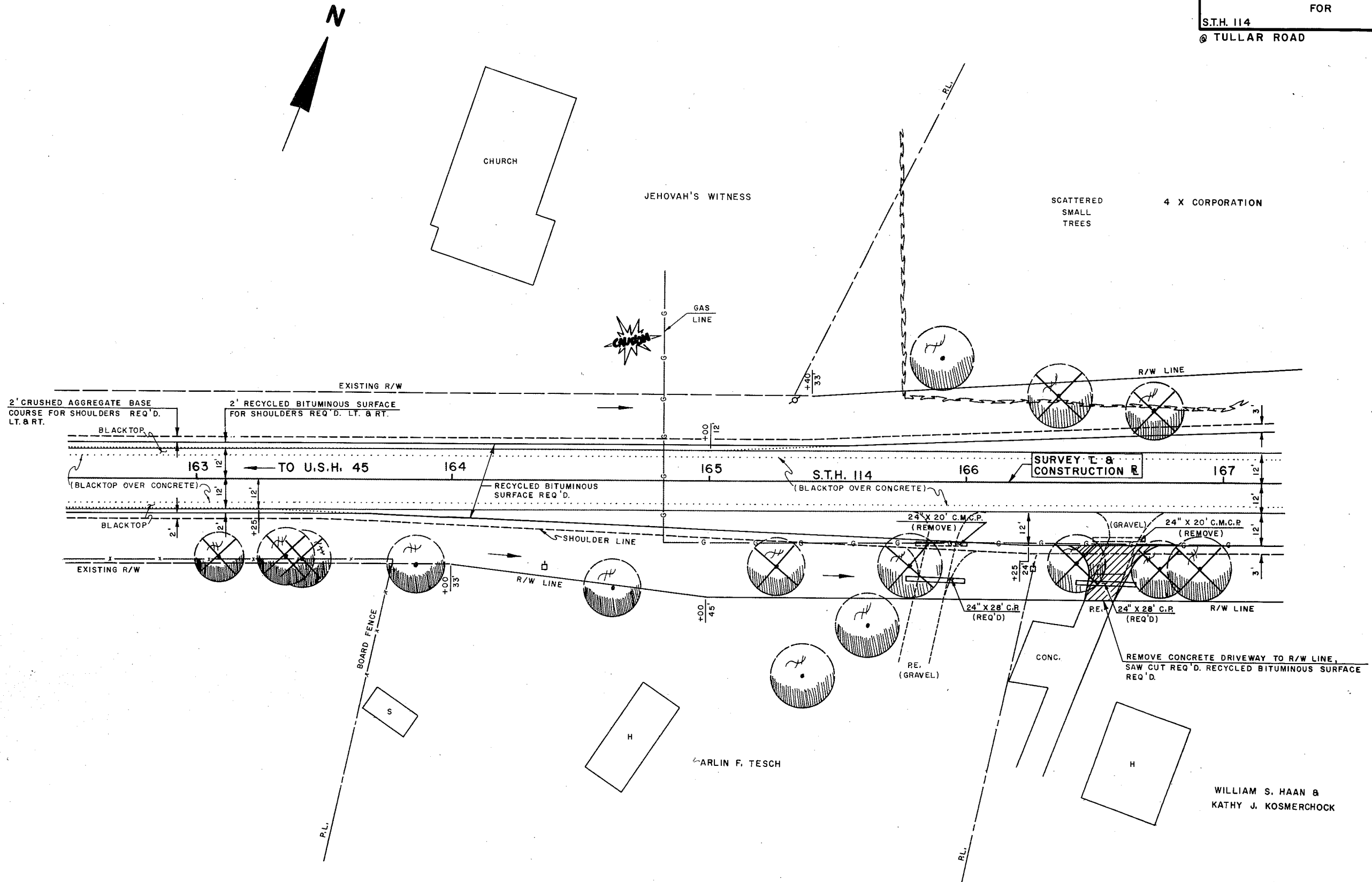
P.I. = STA. 53 + 47.53
 X = 2,385.510.608
 Y = 789.316.962
 Δ = 141° - 51' - 00"
 Δ = 38° - 09' - 00"
 D = 6° - 30'
 T = 304.81'
 L = 586.92'
 E = 51.21'
 R = 881.47'
 S.E. = 0.059 1/2'
 P.C. = STA. 50 + 42.73
 P.T. = STA. 56 + 29.64



3-INCH RECYCLED BITUMINOUS SURFACE
OVER 9-INCH CRUSHED AGGREGATE BASE
COURSE REQUIRED IN GORE AREA.

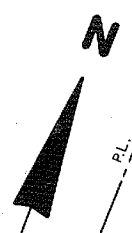
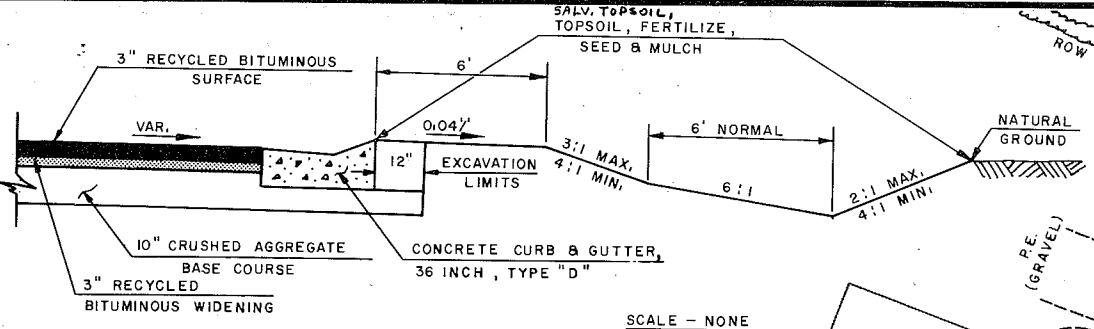
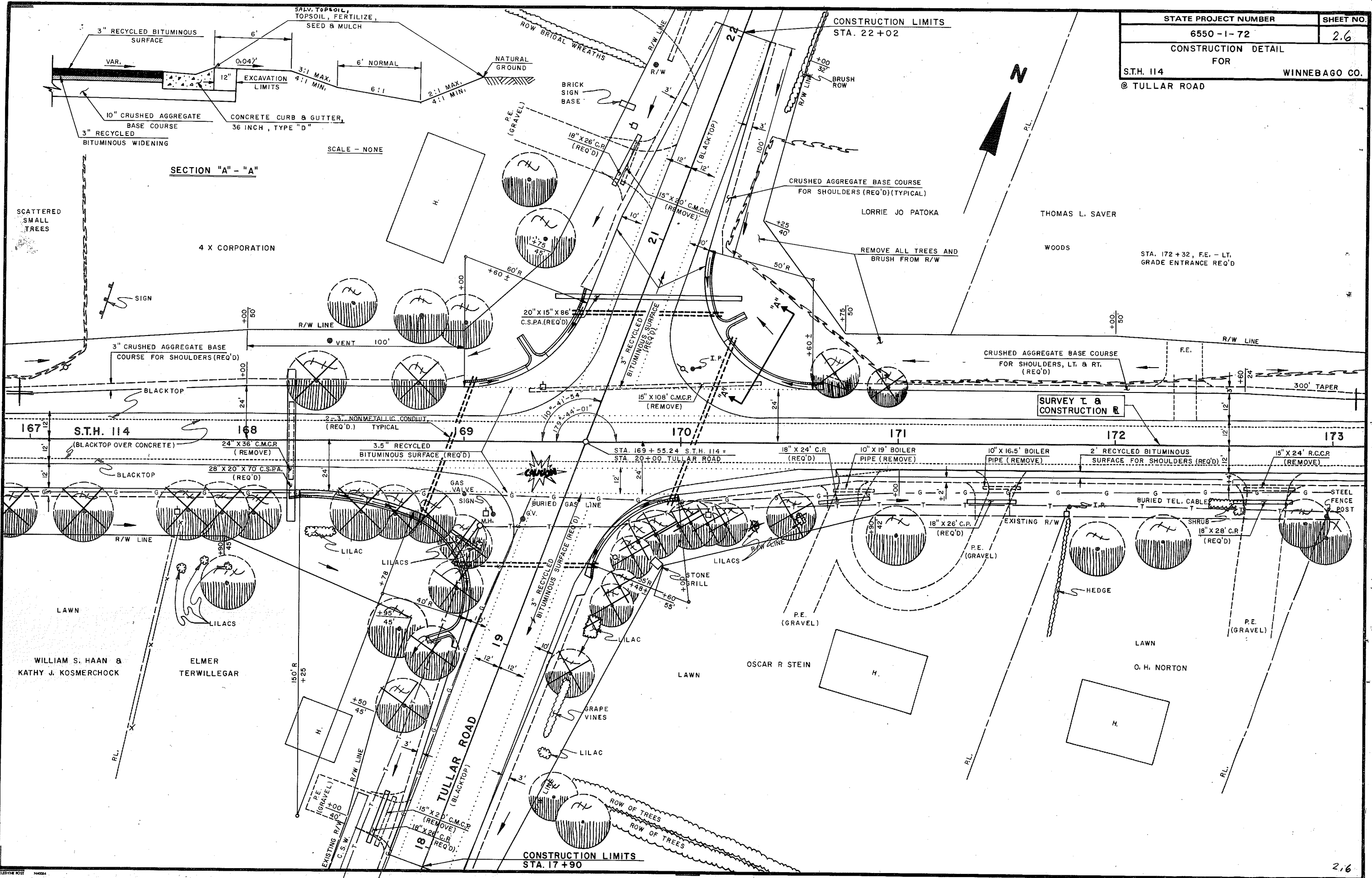
STA. 18 + 84, 4' LT. - BREEZEWOOD LANE
 TYPE 3-H INLET REQ'D., RT. GRATE
 GRATE ELEV. = 808.30 (GUTTER FLOWLINE)
 TOP ELEV. = 807.47
 DISC. ELEV. = 804.40
 DEPTH = 3.07'
 MOUNTABLE CURB BOX REQ'D.

STATE PROJECT NUMBER	SHEET NO.
6550-1-72	2.5
CONSTRUCTION DETAIL FOR	
S.T.H. 114	WINNEBAGO CO.
@ TULLAR ROAD	

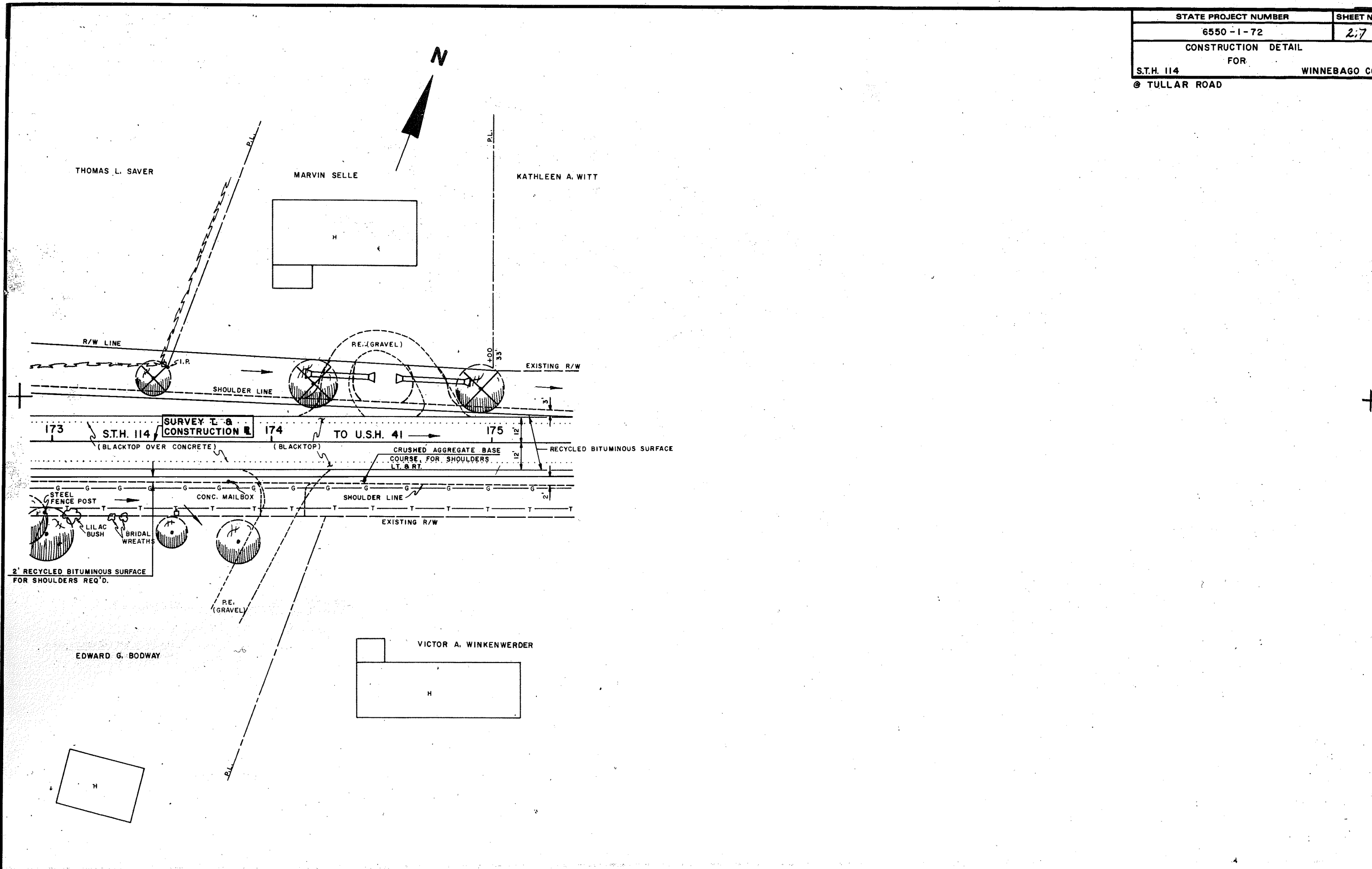


WILLIAM S. HAAN &
KATHY J. KOSMERCHOCK

STATE PROJECT NUMBER	SHEET NO.
6550-1-72	2.6
CONSTRUCTION DETAIL FOR	
S.T.H. 114	WINNEBAGO CO.
@ TULLAR ROAD	



STATE PROJECT NUMBER	SHEET NO.
6550-1-72	2.7
CONSTRUCTION DETAIL	
FOR	
S.T.H. 114	WINNEBAGO CO.
© TULLAR ROAD	



STATE PROJECT NUMBER	SHEET NO.
6550-1-71872	2.8
ALIGNMENT DIAGRAM FOR	
S.T.H. 114	WINNEBAGO CO.



**CURVE 1
SURVEY T
CURVE NOTES**

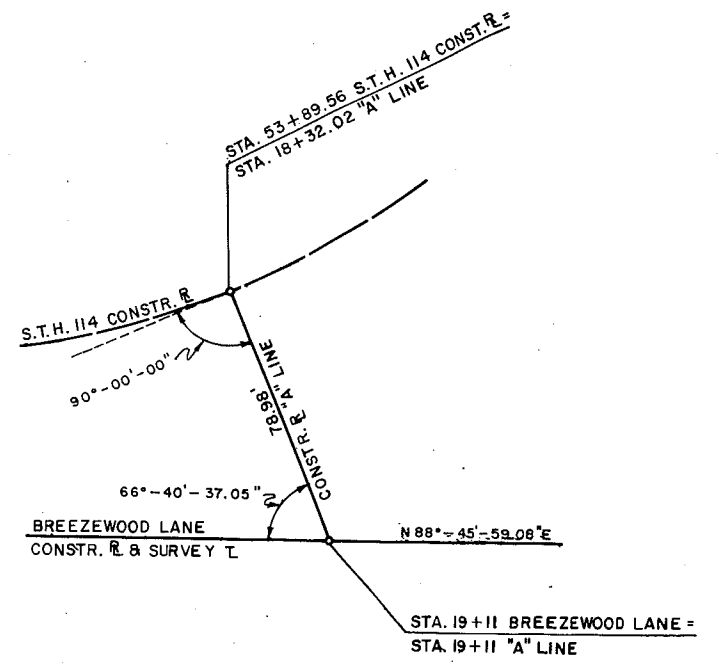
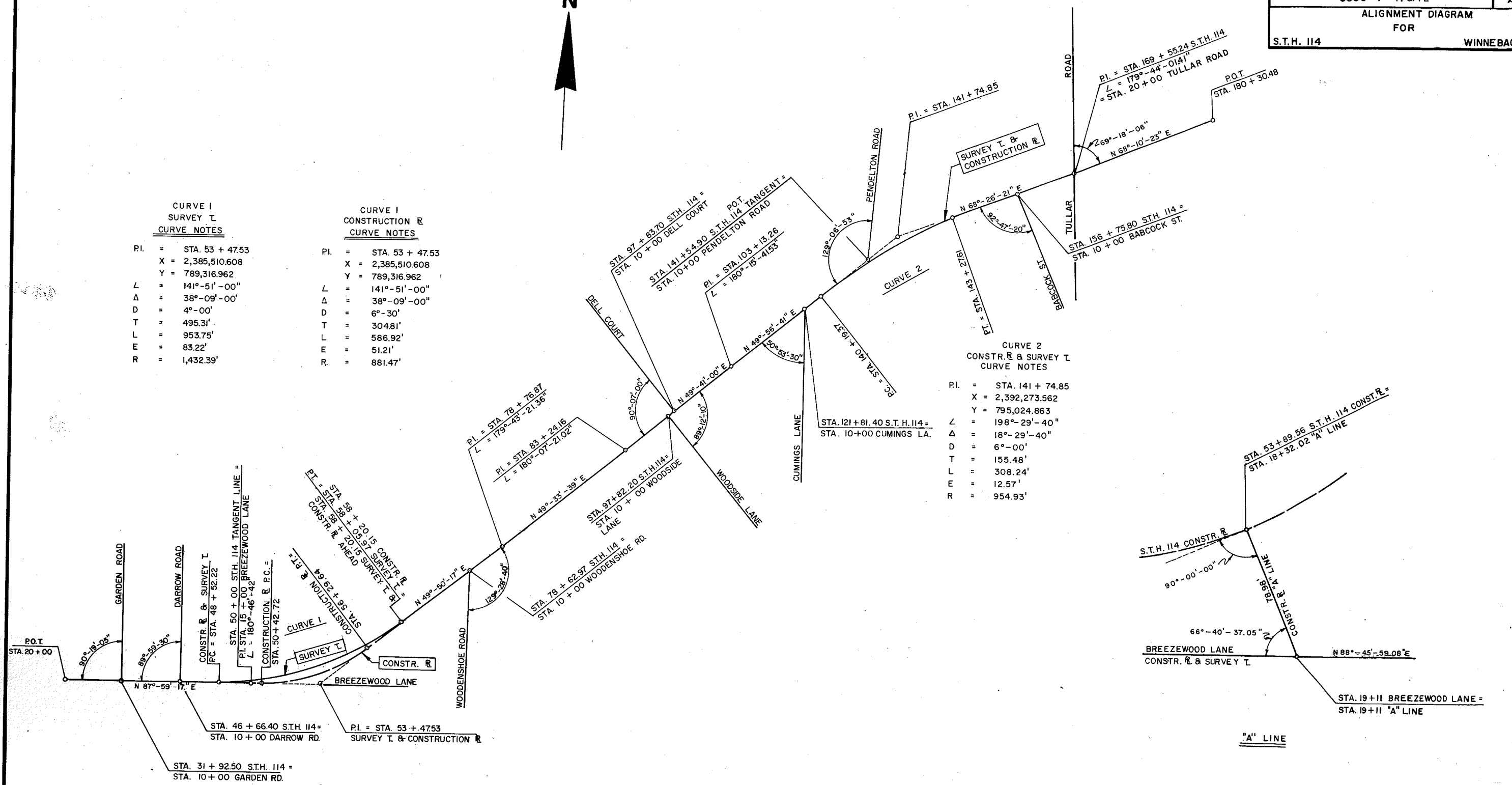
PI. = STA. 53 + 47.53
 X = 2,385,510.608
 Y = 789,316.962
 L = 141°-51'-00"
 Δ = 38°-09'-00"
 D = 4°-00'
 T = 495.31'
 L = 953.75'
 E = 83.22'
 R = 1,432.39'

**CURVE 1
CONSTRUCTION R
CURVE NOTES**

PI. = STA. 53 + 47.53
 X = 2,385,510.608
 Y = 789,316.962
 L = 141°-51'-00"
 Δ = 38°-09'-00"
 D = 6°-30'
 T = 304.81'
 L = 586.92'
 E = 51.21'
 R = 881.47'

**CURVE 2
CONSTR R & SURVEY T
CURVE NOTES**

PI. = STA. 141 + 74.85
 X = 2,392,273.562
 Y = 795,024.863
 L = 198°-29'-40"
 Δ = 18°-29'-40"
 D = 6°-00'
 T = 155.48'
 L = 308.24'
 E = 12.57'
 R = 954.93'



NOT TO SCALE

E S T I M A T E O F Q U A N T I T I E S

PROJECT ID: 6550-01-71
 WINNEBAGO COUNTY
 USH 45-USH 41 ROAD
 S.T.H. 114

PROJECT ID: 6550-01-72
 WINNEBAGO COUNTY
 USH 45 - USH 41 ROAD
 S.T.H. 114

DATE 10/23/85

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6550-01-71 QUANTITY	6550-01-72 QUANTITY
20101	CLEARING	STA.	39.00	31.00	8.00
20102	CLEARING	I.D.	1,916.00	1,552.00	364.00
20104	GRUBBING	STA.	39.00	31.00	8.00
20105	GRUBBING	I.D.	2,026.00	1,662.00	364.00
20301	REMOVING OLD CULVERT, STATION 104+30	L.S.	1.00	1.00	
20330	REMOVING OLD CULVERTS	EACH	9.00	8.00	1.00
20401	REMOVING PAVEMENT	S.Y.	2,700.00	2,700.00	
20503	UNCLASSIFIED EXCAVATION	C.Y.	15,315.00	12,235.00	3,080.00
20620	EXCAVATION FOR STRUCTURES, CULVERTS C-70-47	L.S.	1.00	1.00	
20901	GRANULAR BACKFILL	C.Y.	600.00	570.00	30.00
21301	FINISHING ROADWAY	L.S.	1.00	1.00	
21303	FINISHING ROADWAY, PROJECT 6550-1-72	L.S.	1.00		1.00
30404	CRUSHED AGGREGATE BASE COURSE	TON	20,260.00	17,100.00	3,160.00
30810	BASE PATCHING, BITUMINOUS	S.Y.	1,250.00	1,100.00	150.00
40204	BITUMINOUS MATERIAL FOR TACK COAT	GAL.	2,350.00	2,100.00	250.00
40501	BITUMINOUS MATERIAL FOR PLANT MIXES	TON	445.00	380.00	65.00
40934	CONCRETE SURFACE DRAINS	C.Y.	4.50		4.50
41001	RECYCLED BITUMINOUS SURFACE	TON	14,090.00	12,120.00	1,970.00
41020	SALVAGED BITUMINOUS PAVEMENT, MILLING	TON	4,120.00	3,720.00	400.00
50401	CONCRETE MASONRY, CULVERTS	C.Y.	45.00	45.00	
50409	CONCRETE MASONRY, ENDWALLS	C.Y.	15.50	15.50	
50505	HIGH-STRENGTH BAR STEEL REINFORCEMENT, CULVERTS	LB.	5,160.00	5,160.00	
50601	STRUCTURAL CARBON STEEL	LB.	60.00	60.00	
51801	MORTAR RUBBLE MASONRY	C.Y.	30.00	30.00	
52001	CULVERT PIPE, CLASS III, 12-INCH	L.F.	20.00	20.00	
52003	CULVERT PIPE, CLASS III, 18-INCH	L.F.	850.00	632.00	218.00

SHEET 3

DATE 10/23/85

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6550-01-71 QUANTITY	6550-01-72 QUANTITY
52005	CULVERT PIPE, CLASS III, 24-INCH	L.F.	382.00	382.00	
52007	CULVERT PIPE, CLASS III, 30-INCH	L.F.	188.00	188.00	
52009	CULVERT PIPE, CLASS III, 36-INCH	L.F.	376.00	376.00	
52059	APRON ENDWALLS FOR CULVERT PIPE, 12-INCH	EACH	1.00	1.00	
52061	APRON ENDWALLS FOR CULVERT PIPE, 18-INCH	EACH	53.00	37.00	16.00
52063	APRON ENDWALLS FOR CULVERT PIPE, 24-INCH	EACH	14.00	14.00	
52065	APRON ENDWALLS FOR CULVERT PIPE, 30-INCH	EACH	2.00	2.00	
52136	CORRUGATED STEEL PIPE ARCH, 21X15-INCH	L.F.	364.00	278.00	86.00
52138	CORRUGATED STEEL PIPE ARCH, 28X20-INCH	L.F.	130.00	32.00	98.00
52162	STEEL APRON ENDWALLS FOR PIPE ARCH, 21X15-INCH	EACH	14.00	12.00	2.00
52164	STEEL APRON ENDWALLS FOR PIPE ARCH, 28X20-INCH	EACH	6.00	2.00	4.00
60170	CONCRETE CURB AND GUTTER, 36-INCH, TYPE D	L.F.	560.00	225.00	335.00
60504	CONCRETE DITCH CHECKS	C.Y.	30.00	30.00	
60601	RIPRAP	C.Y.	110.00	110.00	
61122	INLETS, TYPE 3	EACH	1.00	1.00	
61167	INLET COVERS, TYPE H	EACH	1.00	1.00	
61211	PIPE UNDERDRAIN, UNPERFORATED, 6-INCH	L.F.	240.00	200.00	40.00
61336	NONMETALLIC CONDUIT, 3-INCH	L.F.	588.00		588.00
61406	ANCHORAGES FOR STEEL PLATE BEAM GUARD	EACH	4.00	4.00	
61408	STEEL PLATE BEAM GUARD, CLASS A	L.F.	357.60	357.60	
61803	MAINTENANCE AND REPAIR OF HAUL ROADS, PROJECT 6550-01-71	L.S.	1.00	1.00	
61804	MAINTENANCE AND REPAIR OF HAUL ROADS, PROJECT 6550-1-72	L.S.	1.00		1.00
61913	MOBILIZATION, PROJECT 6550-1-71	L.S.	1.00	1.00	
61914	MOBILIZATION, PROJECT 6550-1-72	L.S.	1.00		1.00
62101	LANDMARK REFERENCE MONUMENTS	EACH	10.00	10.00	

SHEET 3.1

DATE 10/23/85

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6550-01-71 QUANTITY	6550-01-72 QUANTITY
62301	CALCIUM CHLORIDE SURFACE TREATMENT	TON	8.00	5.00	3.00
62401	WATER	MGAL	125.00	105.00	20.00
62502	TOPSOIL	C.Y.	2,390.00	2,040.00	350.00
62505	SALVAGED TOPSOIL	S.Y.	15,900.00	13,600.00	2,300.00
62702	MULCHING	S.Y.	31,800.00	27,200.00	4,600.00
62905	FERTILIZER, TYPE B	CWT.	21.00	18.00	3.00
63002	SEEDING	LB.	435.00	370.00	65.00
63101	SODDING	S.Y.	1,396.00	1,252.00	144.00
64304	TRAFFIC CONTROL, PROJECT 6550-01-71	L.S.	1.00	1.00	
64305	TRAFFIC CONTROL, PROJECT 6550-1-72	L.S.	1.00		1.00
64484	TEMPORARY PAVEMENT MARKING	L.F.	2,000.00	1,850.00	150.00
90002	PAVEMENT MARKING, EPOXY	L.F.	43,965.00	40,285.00	3,680.00
90003	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH	L.F.	670.00	270.00	400.00
90004	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	L.F.	60.00	20.00	40.00
90051	SAWING EXISTING PAVEMENT	L.F.	12.00		12.00
90077	DRAIN TILE EXPLORATION	L.F.	650.00	600.00	50.00
90099	ON THE JOB TRAINING	HRS.	250.00	250.00	

SHEET 3.2

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

STATE PROJECT NUMBER

6550 - 1 - 71 & 72

SHEET NO.

3A

CLEARING AND GRUBBING

PROJECT NO. 6550 - 1 - 71 , SECTION 1

STATION TO STATION		LOCATION	CLEARING		GRUBBING	
			IN. DIA.	STA.	IN. DIA.	STA.
22 + 00	23 + 00	S.T.H. 114	*		*	
23 + 00	24 + 00	" "	70		70	
24 + 00	25 + 00	" "	*		*	
25 + 00	27 + 00	" "	10		10	
27 + 00	38 + 00	" "	*		*	
38 + 00	39 + 00	" "	22		22	
39 + 00	40 + 00	" "	*		*	
40 + 00	68 + 00	" "		28		28
68 + 00	74 + 00	" "	*		*	
74 + 00	76 + 00	" "	38		38	
76 + 00	77 + 00	" "	*		*	
77 + 00	80 + 00	" "	256		300	
80 + 00	96 + 00	" "	*		*	
96 + 00	99 + 00	" "	107		117	
99 + 00	101 + 00	" "	*		*	
101 + 00	106 + 00	" "	429		484	
106 + 00	107 + 00	" "	*		*	
107 + 00	109 + 00	" "		2		2
109 + 00	110 + 00	" "	*		*	
110 + 00	111 + 00	" "		1		1
111 + 00	114 + 00	" "	*		*	
114 + 00	115 + 00	" "	21		21	
115 + 00	117 + 00	" "	*		*	
117 + 00	118 + 00	" "	36		36	
118 + 00	119 + 00	" "	*		*	
119 + 00	124 + 00	" "	204		204	
124 + 00	139 + 00	" "	*		*	
139 + 00	141 + 54.9	" "	94		94	
DRAINAGE EASEMENTS			31		42	
15 + 00	20 + 00	BREEZEWOOD LANE	*		*	
20 + 00	21 + 00	" "	10		10	
21 + 00	22 + 00	" "	*		*	
SECTION NO. 1 TOTALS			1328	31	1438	31

PROJECT NO. 6550 - 1 - 71 , SECTION 2

STATION TO STATION		LOCATION	CLEARING		GRUBBING	
			IN. DIA.	STA.	IN. DIA.	STA.
141 + 54.9	142 + 00	S.T.H. 114	*		*	
142 + 00	143 + 00	" "	28		28	
143 + 00	145 + 00	" "	*		*	
145 + 00	147 + 00	" "	110		110	
147 + 00	163 + 00	" "	*		*	
163 + 00	163 + 25	" "	12		12	
175 + 00	176 + 00	" "	*		*	
176 + 00	177 + 00	" "	50		50	
177 + 00	180 + 30.48	" "	*		*	
DRAINAGE EASEMENTS			24		24	
SECTION NO. 2 TOTALS			224	0	224	0
PROJECT NO. 6550 - 1 - 71 TOTALS			1552	31	1662	31

PROJECT NO. 6550 - 1 - 72

CLEARING AND GRUBBING

STATION TO STATION		LOCATION	CLEARING		GRUBBING	
			IN. DIA.	STA.	IN. DIA.	STA.
163 + 25	164 + 00	S.T.H. 114	15		15	
164 + 00	165 + 00	" "	*		*	
165 + 00	168 + 00	" "		3		3
168 + 00	170 + 00	" "	229		229	
170 + 00	174 + 00	" "		4		4
174 + 00	175 + 00	" "	50		50	
175 + 00	175 + 60	" "	*		*	
18 + 00	20 + 00	TULLAR ROAD	70		70	
21 + 00	22 + 00	" "		1		1
PROJECT NO. 6550 - 1 - 72 TOTALS			364	8	364	8

NOTE: * IF CLEARING AND / OR GRUBBING IS REQUIRED, DESIGNATES METHOD OF MEASUREMENT.

REMOVING BOX CULVERTS

STATION	LOCATION	QUANTITY
<u>PROJECT NO. 6550 - 1 - 71 SECTION 1</u>		
26 + 29	S.T.H. 114	1
41 + 78	" "	1
66 + 66	" "	1
78 + 91	" "	1
96 + 05	" "	1
104 + 08	" "	1
126 + 19	" "	1
<u>SECTION 2</u>		
146 + 15	S.T.H. 114	1
<u>PROJECT NO. 6550 - 1 - 72</u>		
168 + 20	S.T.H. 114	1

CRUSHED AGGREGATE BASE COURSE

LOCATION	ROADWAY TONS	SHOULDERS TONS
<u>PROJECT NO 6550-1-71 SECTION 1</u>		
S.T.H. 114	10,200	1,950
BREEZEWOOD LANE & "A" LINE	1,150	70
SIDE ROADS	650	100
P.E.'S & F.E.'S	430	
<u>SECTION 2</u>		
S.T.H. 114	1,800	420
SIDE ROADS	150	30
P.E.'S & F.E.'S	150	
TOTALS =		14,530
TOTALS =		2,570
<u>PROJECT NO. 6550-1-72</u>		
S.T.H. 114	2,000	300
TULLAR ROAD	720	40
P.E.'S & F.E.'S	100	
TOTALS =		2,820
TOTALS =		340

GRANULAR BACKFILL

STATION	LOCATION	CU. YDS.	REMARKS
<u>PROJECT NO. 6550 - 1 - 71 SECTION 1</u>			
26 + 29	S.T.H. 114, CROSS PIPE	65	
41 + 78	" " " "	55	
66 + 66	" " " "	55	
78 + 85	" " " "	45	
96 + 15	" " " "	295	25:1 WEDGES
<u>SECTION 2</u>			
146 + 15	S.T.H. 114, CROSS PIPE	55	
TOTAL =		570	
<u>PROJECT NO. 6550 - 1 - 72</u>			
168 + 20	S.T.H. 114, CROSS PIPE	30	

MILLING

STATION	STATION	LOCATION	TON
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>			
22 + 00	45 + 50	S.T.H. 114	600
45 + 50	46 + 50	S.T.H. 114	10
46 + 50	48 + 25	S.T.H. 114	20
48 + 25	55 + 00	S.T.H. 114	0
55 + 00	59 + 00	S.T.H. 114	150
59 + 00	141 + 54.9	S.T.H. 114	2,120
	BREEZEWOOD LANE		0
	SIDE ROADS		100
<u>SECTION 2</u>			
141 + 54.9	163 + 25	S.T.H. 114	570
175 + 60	180 + 30.48	S.T.H. 114	130
	PENDELTON RD.		20
			TOTAL = 3,720
<u>PROJECT NO. 6550 - 1 - 72</u>			
163 + 25	175 + 60	S.T.H. 114	330
	TULLAR ROAD		70
			TOTAL = 400

BITUMINOUS MATERIAL FOR TACK COAT

LOCATION	GALS.
<u>PROJECT NO. 6550 - 1 - 71 SECTION 1</u>	
UNDISTRIBUTED	1,700
<u>SECTION 2</u>	
UNDISTRIBUTED	400
TOTAL = 2,100	
<u>PROJECT NO. 6550 - 1 - 72</u>	
UNDISTRIBUTED	250

BITUMINOUS MATERIAL FOR PLANT MIXES

LOCATION	TON
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>	
S.T.H. 114 MAINLINE	210
S.T.H. 114 SHOULDERS	70
SIDE ROADS, P.E.'S & CURVE WEDGE	30
TOTAL = 310	
<u>SECTION 2</u>	
S.T.H. 114 MAINLINE	45
S.T.H. 114 SHOULDERS	20
SIDE ROADS, P.E.'S & CURVE WEDGE	5
TOTAL = 70	
<u>PROJECT NO. 6550 - 1 - 72</u>	
S.T.H. 114 & TURN LANE	50
TULLAR ROAD & P.E.'S	15
TOTAL = 65	

BASE PATCHING, BITUMINOUS

LOCATION - STATIONS	SQ. YD.
<u>PROJECT 6550-1-71</u>	
<u>SECTION 1</u>	
26 + 14 - 26 + 44	60
41 + 73 - 42 + 13	80
66 + 36 - 66 + 96	120
77 + 70 - 78 + 00	60
78 + 76 - 79 + 06	60
95 + 30 - 96 + 80	300
103 + 68 - 104 + 48	160
126 + 04 - 126 + 34	60
<u>SECTION 2</u>	
145 + 15 - 146 + 15	200
TOTAL 1100	
<u>PROJECT 6550-1-72</u>	
167 + 95 - 168 + 45	100
AT TRAFFIC CONDUIT INSTALLATIONS	50
TOTAL 150	

RECYCLED BITUMINOUS SURFACE

LOCATION	TONS
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>	
S.T.H. 114 MAINLINE	6,770
S.T.H. 114 SHOULDERS	2,350
BREEZEWOOD LANE	250
"A" LINE	60
DARROW ROAD	60
WOODEN SHOE ROAD	80
DELL CT.	60
WOODSIDE LANE	60
CUMMINGS LANE	70
1/2 PENDLETON ROAD	50
PRIVATE ENTRANCES	40
WEDGING CURVE 140 + 19	90
TOTAL = 9,940	
<u>SECTION 2</u>	
S.T.H. 114 MAINLINE	1,430
S.T.H. 114 SHOULDERS	570
1/2 PENDLETON ROAD	50
PRIVATE ENTRANCES	20
WEDGING CURVE 140 + 75	110
TOTAL = 2,180	
<u>PROJECT NO. 6550 - 1 - 72</u>	
S.T.H. 114 & TURN LANES	1,600
TULLAR ROAD	350
PRIVATE ENTRANCES	20
TOTAL = 1,970	

LANDMARK REFERENCE MONUMENTS

STATION	LOCATION	DESCRIPTION	EACH
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>			
46 + 40	S.T.H. 114	N. 1/4 COR. SECT. 1, T. 19 N. R. 16 E.	5
46 + 66	S.T.H. 114	S. 1/4 COR. SECT. 36, T. 20 N. R. 16 E.	5
			TOTAL = 10

CONCRETE CURB & GUTTER, 36 - INCH TYPE "D"

LOCATION	LIN. FT.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>	
17 + 65 LT. BREEZEWOOD LANE TO	
18 + 66 "A" LINE LT.	155
"A" LINE RT. RADIUS	70
TOTAL = 225	
<u>PROJECT NO. 6550 - 1 - 72</u>	
SO. EAST RADIUS TULLAR ROAD	60
SO. WEST RADIUS TULLAR ROAD	120
NO. EAST RADIUS TULLAR ROAD	85
NO. WEST RADIUS TULLAR ROAD	70
TOTAL = 335	

CROSS DRAIN PIPES

STATION	LOCATION	DIAMETER INCHES	TYPE	LENGTH LIN. FT.	INLET ELEVATION	DISCHARGE ELEVATION	APRON ENDWALLS EACH	CONCRETE MASONRY ENDWALLS CU. YD.	THICKNESS (INCHES)		SOD SQ. YD.	REMARKS
									STEEL	ALUMINUM		
<u>PROJECT NO. 6550-1-71, SECTION 1</u>												
26+29	S.T.H. 114	2-24	C. P.	52	837.6	837.4	4		0.064	0.075	32	2 PIPES REQ'D.
41+78	S.T.H. 114	2-24	C. P.	52	822.5	822.1	4		0.064	0.075	32	2 PIPES REQ'D.
66+66	S.T.H. 114	2-36	C. P.	66	790.6	789.6		4.5	0.079	0.105	40	RIPRAP REQ'D.
77+68	S.T.H. 114	24	C. P.	60	785.5	785.0	2		0.064	0.075	16	NON - PARTICIPATING
78+85	S.T.H. 114	2-30	C. P.	68	784.3	783.8		3.1	0.079	0.075	36	2 PIPES REQ'D.
96+15	S.T.H. 114	2-36	C. P.	66	776.2	776.0		4.4	0.079	0.105	40	2 PIPES REQ'D., RIPRAP REQ'D.
126+19	S.T.H. 114	30	C. P.	52	771.7	771.6	2		0.079	0.075	18	
<u>SECTION 2</u>												
146+15	S.T.H. 114	2-36	C. P.	56	767.0	766.5		3.5	0.079	0.105	40	2 PIPES REQ'D. RIPRAP REQ'D.
<u>PROJECT NO. 6550-1-72</u>												
168+20	S.T.H. 114	28 X 20	C. S. P. A.	70	769.4	769.3	2		0.064		18	

STATE PROJECT NUMBER	SHEET NO.
6550-1-71 & 72	30
DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES	

SIDE ROAD, PRIVATE ENTRANCE AND FIELD ENTRANCE PIPES

STATION	LOCATION	DIAMETER INCHES	TYPE	LENGTH LIN. FT.	APRON ENDWALLS EACH	THICKNESS (INCHES)		SOD SQ. YD.	REMARKS
						STEEL	ALUMINUM		
<u>PROJECT NO. 6550-1-71 SECTION 1</u>									
18+68	BREEZEWOOD LANE	12	C. P.	20	1			4	DISCHARGE INTO INLET
18+86	BREEZEWOOD LANE	18	C. P.	30	1	0.064	0.060	6	INLET IS IN INLET
20+65	BREEZEWOOD LANE P.E. LT.	18	C. P.	36	2	0.064	0.060	12	
26+08	S.T.H. 114 F.E. RT.	18	C. P.	48	2	0.064	0.060	12	
37+95	S.T.H. 114 P.E. RT.	18	C. P.	34	2	0.064	0.060	12	
39+17	S.T.H. 114 P.E. RT.	18	C. P.	34	2	0.064	0.060	12	
46+66	DARROW ROAD	24	C. P.	82	2	0.064	0.075	16	
50+56	S.T.H. 114 P.E. RT.	18	C. P.	26	2	0.064	0.060	12	
61+34	S.T.H. 114 P.E. LT.	18	C. P.	30	4	0.064	0.060	24	1-18" IN PLACE TO REMAIN (PLACE NEW ENDWALLS)
63+22	S.T.H. 114 P.E. RT.	18	C. P.	32	2	0.064	0.060	12	
66+50	S.T.H. 114 P.E. RT.	18	C. P.	30	2	0.064	0.060	12	
66+95	S.T.H. 114 F.E. LT.	18	C. P.	28	2	0.064	0.060	12	NON - PARTICIPATING
68+63	S.T.H. 114 P.E. RT.	18	C. P.	28	2	0.064	0.060	12	
69+30	S.T.H. 114 P.E. RT.	18	C. P.	28	2	0.064	0.060	12	
96+33	S.T.H. 114 P.E. LT.	18	C. P.	32	2	0.064	0.060	12	
97+82	WOODSIDE LANE	18	C. P.	64	2	0.064	0.060	12	
97+83	DELL COURT	18	C. P.	64	2	0.064	0.060	12	
105+74	S.T.H. 114 P.E. LT.	18	C. P.	32	2	0.064	0.060	12	
107+85	S.T.H. 114 P.E. RT.	21 X 15	C. S. P. A.	28	2	0.064	0.060	12	
108+40	S.T.H. 114 P.E. RT.	21 X 15	C. S. P. A.	42	2	0.064	0.060	12	
109+50	S.T.H. 114 P.E. RT.	21 X 15	C. S. P. A.	42	2	0.064	0.060	12	
111+33	S.T.H. 114 P.E. RT.	21 X 15	C. S. P. A.	30	2	0.064	0.060	12	
112+33	S.T.H. 114 P.E. RT.	21 X 15	C. S. P. A.	36	2	0.064	0.060	12	
121+81	CUMINGS LANE	21 X 15	C. S. P. A.	100	2	0.064	0.060	12	
<u>SECTION 2</u>									
143+06	S.T.H. 114 P.E. RT.	28 X 20	C. S. P. A.	32	2	0.064	0.075	18	
143+30	S.T.H. 114 P.E. LT.	24	C. P.	32	2	0.064	0.075	16	
146+27	S.T.H. 114 P.E. RT.	18	C. P.	32	2	0.064	0.060	12	
177+23	S.T.H. 114 P.E. RT.	18	C. P.	24	2	0.064	0.060	12	
<u>PROJECT NO. 6550-1-72</u>									
165+97	S.T.H. 114 P.E. RT.	18	C. P.	28	2	0.064	0.060	12	
166+55	S.T.H. 114 P.E. RT.	18	C. P.	28	2	0.064	0.060	12	
170+75	S.T.H. 114 P.E. RT.	18	C. P.	26	2	0.064	0.060	12	
171+45	S.T.H. 114 P.E. RT.	18	C. P.	28	2	0.064	0.060	12	
172+70	S.T.H. 114 P.E. RT.	18	C. P.	30	2	0.064	0.060	12	
174+33	S.T.H. 114 P.E. LT.	18	C. P.	26	2	0.064	0.060	12	
174+80	S.T.H. 114 P.E. LT.	18	C. P.	28	2	0.064	0.060	12	
18+05	TULLAR RD. PE. LT.	28 X 20	C. S. P. A.	28	2	0.064	0.060	12	
20+70	TULLAR RD.	21 X 15	C. S. P. A.	86	2	0.064	0.075	18	
21+26	TULLAR RD. PE. LT.	18	C. P.	24	2	0.064	0.060	12	

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

STATE PROJECT NUMBER SHEET NO.

6550-1-71 & 72

30

DITCH CHECKS

STATION	LOCATION	QUANTITY EACH	CONCRETE CU. YDS.	SOD SQ. YD.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>				
50 + 50	S.T.H. 114 RT. DITCH & BREEZEWOOD LANE	14	15	190
47 + 00 - 55 + 00	S.T.H. 114 LT. DITCH UNDISTRIBUTED	11	15	180 80
<u>SECTION 2</u>				
	UNDISTRIBUTED			50
TOTALS =		25	30	500
<u>PROJECT NO. 6550-1-72</u>				
		0	0	0

RIPRAP

STATION	LOCATION	CU. YD.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>		
66 + 66	INLET END OF CULVERT PIPE	5
66 + 66	DISCHARGE END OF CULVERT PIPE	15
96 + 05	INLET & DISCHARGE END @ C.P.	11
104 + 08	DISCHARGE END OF BOX CULVERT	41
103 + 96	INLET END OF BOX CULVERT	9
78 + 75	BERM RT. BACKSLOPE	19
<u>SECTION 2</u>		
146 + 15	INLET & DISCHARGE END @ C.P.	10
TOTAL =		110
<u>PROJECT NO. 6550-1-72</u>		
		0

PIPE UNDERDRAIN UNPERFORATED, 6-INCH

LOCATION	LIN. FT.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>	
UNDISTRIBUTED	100
<u>SECTION 2</u>	
UNDISTRIBUTED	100
TOTAL =	
	200
<u>PROJECT NO. 6550 - 1 - 72</u>	
UNDISTRIBUTED	40

NONMETALLIC CONDUIT, 3- INCH

STATION	LOCATION	LIN. FT.
<u>PROJECT NO. 6550 - 1 - 72</u>		
168 + 95	S.T.H. 114	148
170 + 07	S.T.H. 114	166
19 + 39	TULLAR ROAD	134
20 + 63	TULLAR ROAD	140
TOTAL =		588

MORTAR RUBBLE MASONRY

PROJECT 6550-1-71 Sect. 1	LOCATION	C.Y.
	STA. 104+08, SO. CHANNEL CHANGE, E. SLOPE	23

WATER

LOCATION	M. GAL.
<u>PROJECT NO. 6550 - 1 - 71</u>	
SECTION 1	90
SECTION 2	15
TOTAL =	
	105
<u>PROJECT NO. 6550 - 1 - 72</u>	
TOTAL =	
	20

STEEL PLATE BEAM GUARD, CLASS "A"

STATION — STATION	LIN. FT.	PANELS	ANCHORS STANDARD
<u>PROJECT NO. 6550 - 1 - 71 SECTION 1</u>			
103 + 12.70 — 104 + 91.50 LT.	178.8	14	2
103 + 24.50 — 105 + 03.30 RT.	178.8	14	2
TOTAL =		28	4
<u>PROJECT NO. 6550-1-72</u>			
	0	0	0

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

DRAIN TILE EXPLORATION

LOCATION	LIN. FT.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>	
S.T.H. 114	500
<u>SECTION 2</u>	
S.T.H. 114	100
TOTAL =	600
<u>PROJECT NO. 6550 - 1 - 72</u>	
S.T.H. 114	50

SALVAGED TOPSOIL, TOPSOIL, MULCHING, FERTILIZER & SEED

STATION	STATION	LOCATION	SALVAGED TOPSOIL SQ. YD.	TOPSOIL CU. YD.	MULCHING SQ. YD.	FERTILIZER TYPE "B" C.W.T.	SEED #1 LBS.
<u>PROJECT NO. 6550 - 1 - 71, SECTION 1</u>							
22 + 00	141 + 54.9	S.T.H. 114	9,900	1,480	19,800	12.5	268
16 + 00	22 + 00	BREEZEWOOD LANE	650	100	1,300	1.0	18
18 + 50	18 + 90	"A" LINE	150	20	300	0.3	4
9 + 00	9 + 50	WOODEN SHOE ROAD	80	10	150	0.2	3
		DITCHING, SIDE ROADS	620	90	1,250	1.0	17
<u>SECTION 2</u>							
141 + 54.9	163 + 25	S.T.H. 114	2,000	300	4,000	2.5	54
175 + 60	180 + 30	S.T.H. 114	100	20	200	0.3	3
		DITCHING, SIDE ROADS	100	20	200	0.2	3
TOTALS =			13,600	2,040	27,200	18.0	370
<u>PROJECT NO. 6550 - 1 - 72</u>							
163 + 25	175 + 60	S.T.H. 114	1,850	280	3,700	2.3	50
17 + 90	22 + 00	TULLAR ROAD	420	60	840	0.5	12
		DITCHING, P.E.'S	30	10	60	0.2	3
TOTALS =			2,300	350	4,600	3.0	65

CALCIUM CHLORIDE SURFACE TREATMENT

STATION	STATION	LOCATION	TONS
<u>PROJECT NO. 6550-1-71 SECTION 1</u>			
45 +00	58 +00	S.T.H. 114	3.00
18 +45	19 +10	"A" LINE	0.50
17 +00	22 +00	BREEZEWOOD LANE	1.50
TOTAL =			5.00
<u>PROJECT NO. 6550-1-72</u>			
163 +25	175 +60	S.T.H. 114	3.00

PAVEMENT MARKING, EPOXY

LOCATION	EDGE LINE MARKING, LIN. FT.	CENTERLINE MARKING, LIN. FT.	NO-PASSING MARKING, LIN. FT.	LANE LINE MARKING, LIN. FT.	CHANNELIZING LANE LINE, 8-INCH LIN. FT.	STOP LINE 18-INCH LIN. FT.	TEMPORARY MARKING, LIN. FT.
<u>PROJECT NO. 6550-1-71 SECTION 1</u>							
S.T.H. 114	22,900	2,940	6,010				1,530
BREEZEWOOD LANE		65	385		270		
"A" LINE			175			20	
<u>SECTION 2</u>							
S.T.H. 114	5,100	660	2,050				320
<u>PROJECT NO. 6550-1-72</u>							
S.T.H. 114	2,150	275	1,075	100	400		150
TULLAR ROAD		80				40	

INLETS AND COVERS

NO.	STATION	LOCATION	STRUCTURE	TYPE	COVER	GRATE	DEPTH
1	18 + 84	4' LT. BREEZEWOOD LANE	INLET	3	H	RT	3.07'

SODDING

LOCATION	FOR DITCH CHECKS SQ. YD.	FOR ENDWALLS SQ. YD.	FOR DRAINAGE SECTIONS SQ. YD.	TOTAL SQ. YD.
<u>PROJECT NO. 6550 - 1 - 71</u>				
<u>SECTION 1</u>	450	504 *	150 ⊗	1,104 *
<u>SECTION 2</u>	50	98		148
TOTAL				1,252 *
<u>PROJECT NO. 6550 - 1 - 72</u>				
		144		144

* INCLUDES 28 SQ. YD. NON-PARTICIPATING
 ⊗ STA. 96 + 05, DOWNSTREAM

NOTE: EXCAVATION AND FILL NUMBERS ARE CUBIC YARDS

PROJECT NO. 6550-1-71, SECTION 1

STATION	EXCAVATION UNCL.	FILL
22		
23	57	
24	41	
25	32	
26	63	41
+30	32	29
+50	23	17
27	39	26
28	35	30
29	26	6
30	28	
31	31	
32	48	
33	74	7
34	56	15
35	26	7
36	35	2
37	41	17
38	37	24
39	33	15
40	39	6
41	76	27
+50	50	27
+75	28	21
42	28	20
43	89	24
44	68	6
45	80	9
46	107	13
+43	35	6
+64	32	

PROJECT NO. 6550-1-71, SECTION 1

STATION	EXCAVATION UNCL.	FILL
+64		
47	69	2
48	128	7
49	250	2
50	291	
51	706	
52	620	9
53	352	26
54	196	26
55	200	17
56	185	13
57	115	7
58	52	2
+20.15	9	
59	33	2
60	37	
61	39	
62	44	7
63	72	9
64	98	11
65	91	22
66	63	22
+50	80	23
+88	70	57
67	15	17
68	102	43
69	46	35

PROJECT NO. 6550-1-71, SECTION 1

STATION	EXCAVATION UNCL.	FILL
69		
70	39	39
71	54	20
72	52	6
73	52	15
74	41	9
75	39	6
76	63	15
77	96	24
78	111	28
+75	70	24
+91	22	17
79	19	13
+25	43	26
80	67	58
81	54	30
81+00-93+00	ESTIMATED 480	NOT DETERMINED
93	18	6
94	43	15
95	12	6
+25	137	9
+75	153	4
96	160	2
+25	104	
+50	69	
+75	44	2
97	42	26
+60	46	15
98	80	
99		
99+00-103+00	160	NOT DETERMINED

STATE PROJECT NUMBER

6550-1-71

SHEET NO.

3F

DETAIL SUMMARY OF EARTHWORK QUANTITIES

PROJECT NO. 6550-1-71, SECTION 1

STATION	EXCAVATION UNCL.	FILL
103	17	28
104	16	30
+50	26	17
105	43	6
+50	52	4
106	58	
+50	49	
107	32	
+50	33	
108	32	1
+50	28	2
109	24	4
+50	18	7
110	26	6
+50	40	2
111	40	5
+50	21	11
112	10	10
+50	16	9
113	20	13
114		
114+00-123+00	360	NOT DETERMINED
123	33	11
124	67	22
125	78	39
126	39	17
+20	53	21
+50	24	9
127	43	11
128	22	6
129		

NOTE: EXCAVATION AND FILL NUMBERS ARE CUBIC YARDS

STATE PROJECT NUMBER	SHEET NO.
6550-1-71 & 72	36
DETAIL SUMMARY OF EARTHWORK QUANTITIES	

PROJECT NO. 6550-1-71, SECTION 1

STATION	EXCAVATION UNCL.	FILL
129+00-137+00	360	NOT DETERMINED
137	20	
138	46	
139	63	2
140	67	6
141	22	1
+35	13	9
+55		

WOODENSHOE ROAD STATION	EXCAVATION UNCL.	FILL
7+75	15	
8	30	
+50	59	
9	56	
+82		

BREEZEWOOD LANE STATION	EXCAVATION UNCL.	FILL
17+10	12	75
18	22	287
19	30	235
20	80	46
21	104	15
22		

ALL SIDE ROADS NOT PLOTTED 195 NOT DETERMINED

96+15 DRAINAGE DITCH 285
UNLISTED " " 136

Section 2
Various Side Rds. 65
Various Drainage Ditches 25

PROJECT NO. 6550-1-71, SECTION 2

STATION	EXCAVATION UNCL.	FILL
141+55	41	2
142	17	1
+20	76	13
143	96	30
144	59	17
145	87	65
146	24	26
+15	88	61
+60	49	14
147	46	9
148	15	2
149		

149+00-152+00 160 NOT DETERMINED

152	15	
153	16	
+50	19	
154	20	
+50	20	
155	20	1
+50	19	2
156	21	2
+50	27	2
157	22	2
+50	17	2
158	18	2
+50	19	2
159	17	2
+50	17	2
160	17	1
+50	15	
161		

PROJECT NO. 6550-1-71, SECTION 2

STATION	EXCAVATION UNCL.	FILL
161	16	1
+50	19	2
162	23	2
+50	27	4
163	15	2
+ 25		

PROJECT NO. 6550-1-72

163+25	17	2
+50	37	4
164	54	11
+50	67	9
165	72	6
+50	78	4
166	94	2
+50	102	2
167	93	4
+50	113	6
168	133	7
+50	126	9
169	119	6
+50	94	5
170	98	5
+50	137	
171	183	
+50	207	
172	176	
+50	141	
173	91	
+50	54	
174	85	
175	46	
+60		

PROJECT NO. 6550-1-72

TULLAR ROAD STATION	EXCAVATION UNCL.	FILL
17+90	20	
18	115	6
+50	124	7
19	69	7
+50	4	2
+73		
20+43	9	2
+50	137	13
21	102	7
+50	83	
22		

PROJECT NO. 6550-1-71, SECTION 1

C -70 -47		
0+50	11	
0+00	5	
+10	8	
+20	11	
+30	17	
+40	26	
+50		
1+28	20	
+38	15	
+48	10	
+58	7	
+68		

SECTION 2
175+60-180+30.42 183 NOT DETERMINED

Conventional Signs and Abbreviations

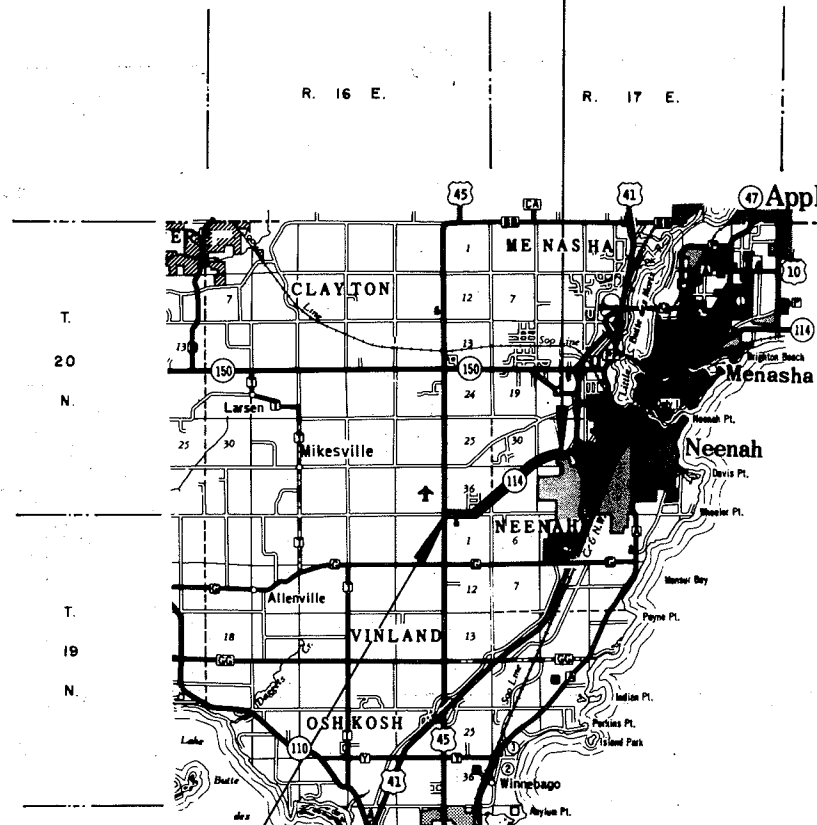
AC.	ACRES	L.H.E.	LIMITED HIGHWAY EASEMENT
AC.REM.	ACRES REMAINING	N.	NORTH
B.	BARN	PL.	PROPERTY LINE
BLDG.	BUILDING	R.	RANGE
CO.	COMPANY	RD.	ROAD
CORP.	CORPORATION	R/W.	RIGHT OF WAY
C.T.H.	COUNTY TRUNK HIGHWAY	S.	SHED
D.	DEED	S.T.H.	STATE TRUNK HIGHWAY
E.	EAST	T.	TOWN
ET. AL.	AND OTHERS	TEMP.	TEMPORARY
G.	GARAGE	VOL.	VOLUME
GN	GRID NORTH	W.	WEST
H.	HOUSE	WIS.	WISCONSIN
INC.	INCORPORATED	L.C.	LAND CONTRACT
PED.	PEDESTAL	P.D.	PRIVATE DRIVE
●	R/W MONUMENT	●●●●●●	NO ACCESS (OTHER THAN ACQUISITION)
			NO ACCESS (ACQUISITION)

END RELOCATION ORDER

PROJECT 6550 I 21
STATION 174 + 75
1,196.24 FEET SOUTH OF AND 509.96 FEET EAST
OF THE CENTER OF SECTION 29, TOWNSHIP 20
NORTH, RANGE 17 EAST.
X. 2,395,344.327
Y. 796,240.831

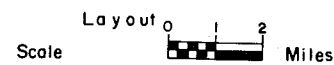
R/W PROJECT NUMBER	6550 I 21	SHEET NUMBER	4.0	TOTAL SHEETS	
FEDERAL PROJECT NUMBER		4.0			
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 I 00					
U.S.H. 45 — U.S.H. 41					
S.T.H. 114 WINNEBAGO COUNTY					
CONSTRUCTION PROJECT NUMBER					
6550-1-71,72 4.0					

PARCEL NUMBER	SHEET NUMBER	OWNER	PARCEL NUMBER	SHEET NUMBER	OWNER
1	4.3	DENNIS H. GEHRT	31	4.7	RODNEY C. FISCHER
2	4.3	JOHN J. KELLER	32	4.8	ARLIN F. TESCH
3	4.3	JT. SCHOOL DIST. NO. 1	33	4.8	WILLIAM S. HAHN & KATHY J. KOSMERCHOCK
4	4.3-4.5	JOHN NOFFKE	34	4.8	ELMER TERWILLEGAR
5	4.3	NORTH CENTRAL PUBLIC SERVICE CO.	35		
6	4.3	BETTY J. BEYER	36	4.8	OSCAR P. STEIN
7	4.5	WIS. PUBLIC SERVICE CORP.	37	4.8	THOMAS L. SAUER
8	4.4,4.5,4.8	WIS. BELL, INC.	38	4.8	MARVIN SELLE
9	4.4	RUBY A. SCHULZ	39		
10	4.4, 4.5, 4.7, 4.8	WIS. ELECTRIC POWER CO.	40	4.8	LORRIE JO PATUKA
11	4.4	NANCY M. HAY			
12	4.4	THOMAS N. ROGERS			
13	4.4	RONALD L. SAUER			
14	4.5	NORMAN A. WRIGHT			
15	4.5	GEORGE R. REDDIN (L.C.)			
16	4.5	KATHERINE M. SOMMER			
17	4.5	PAUL L. JOHNSON			
18	4.5	STEVEN A. MILLER & PEGGY M. DAVEY			
19	4.5	ANTHONY J. WINTERS & JAMES S. ESLER			
20	4.5	A. N. R. PIPELINE CO.			
21	4.5	ANTHONY J. WINTERS			
22	4.5	FLOYD G. HUEBNER			
23	4.5	RICHARD H. FRICK			
24	4.6	JORDON T. FOLTS			
25	4.6	THOMAS S. EBEL & FRANCES D. HUSPEK			
26	4.6-4.8	4X CORPORATION			
27	4.6	GEORGE R. REDDIN			
28	4.7	NORMAN R. FREDRICK			
29	4.7	HENRY MALCHOW			
30	4.7	ELSIE JULIUS			



BEGIN RELOCATION ORDER

PROJECT 6550 I 21
STATION 20 + 27.84
0.047 FOOT NORTH OF AND 0.001 FOOT WEST
OF THE SOUTHWEST CORNER OF SECTION 36,
TOWNSHIP 20 NORTH, RANGE 16 EAST.
X. 2,382,193.070
Y. 789,200.420



Total Net Length of Centerline = 2.926 Mi.

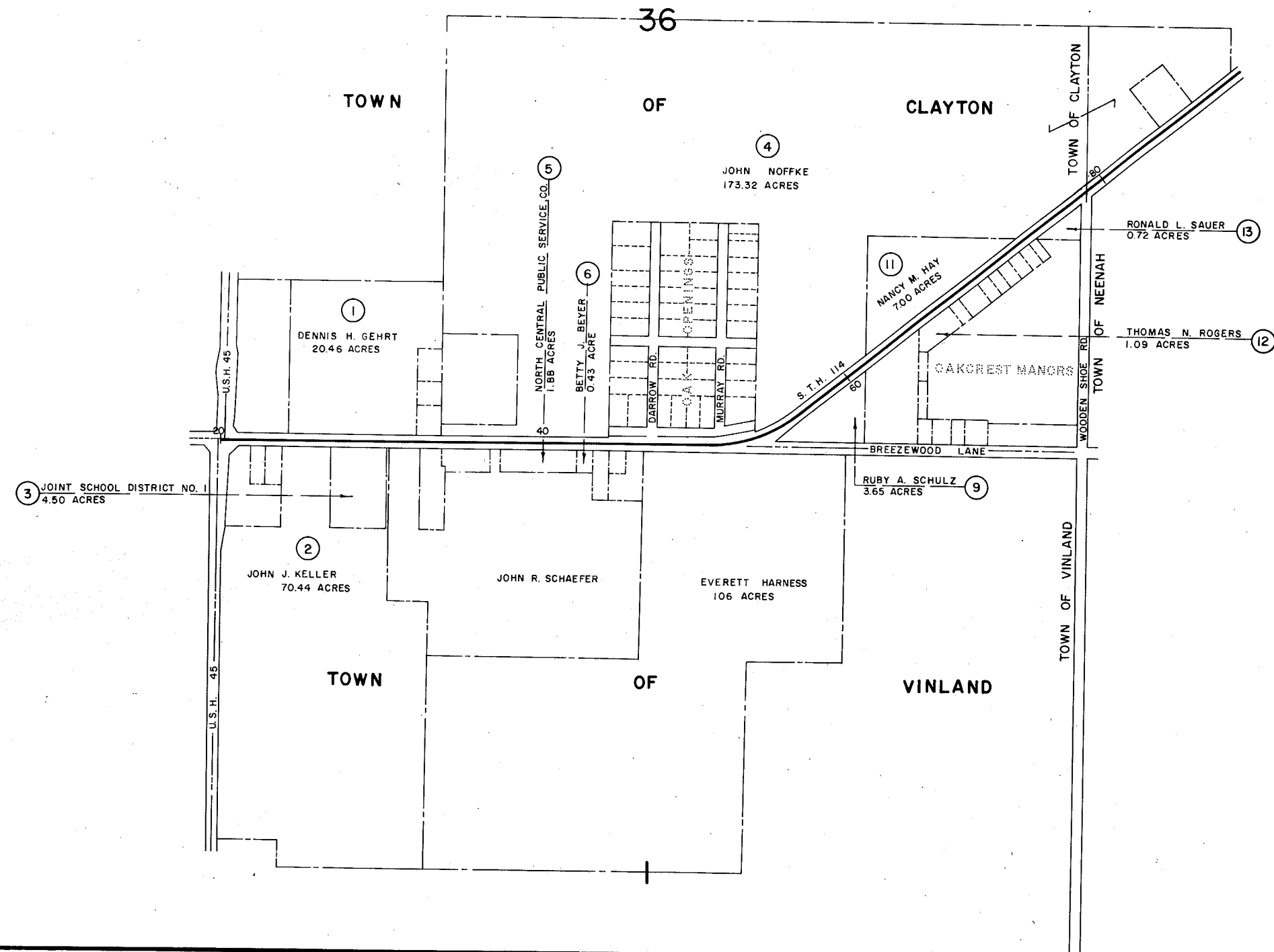
REVISION DATE	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
10-22-84	Approved: <i>[Signature]</i> District Transportation Director
9-5-85	Approved: _____ Date _____ Director, Bureau of Real Estate
	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION 5 WISCONSIN DIVISION
	Approved: _____ Date _____ Division Administrator

ALL COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM SOUTH ZONE.

GN



REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.1
9-5-85	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 1 00		
U.S.H. 45 — U.S.H. 41		
S.T.H. 114 WINNEBAGO COUNTY DATE		
NOT TO SCALE 6-1-84		
CONSTRUCTION PROJECT NUMBER		
6550-1-71 4.1		



GN

30

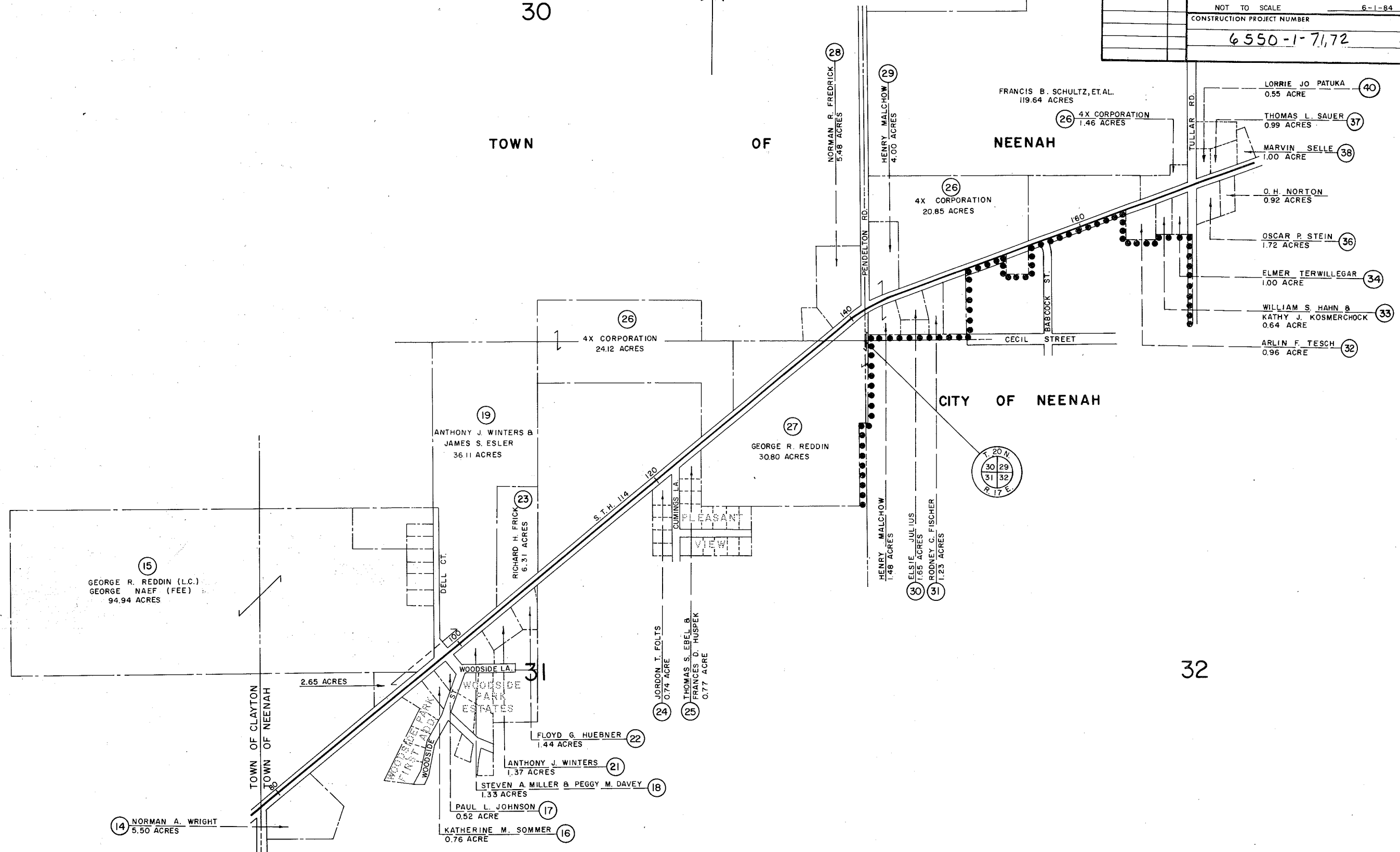
TOWN

OF

NEENAH

CITY OF NEENAH

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.2
9-5-85 N.C.	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR		
6550 1 00		
U.S.H. 45 - U.S.H. 41		
S.T.H. 114 WINNEBAGO COUNTY DATE		
NOT TO SCALE 6-1-84		
CONSTRUCTION PROJECT NUMBER		
6550-1-71,72		4.2



32

BEARING ORIENTATION AND GRID CONVERSION

COORDINATES AND RIGHT-OF-WAY PLAT BEARINGS ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM WITH 0 DEGREES, 0 MINUTES, 0 SECONDS BEING GRID NORTH. THE DIFFERENCE BETWEEN PROJECT PLAT BEARINGS REPRESENT PLANE ANGLES IN DEGREES, MINUTES AND SECONDS TO THE NEAREST SECOND. R/W PLAT DISTANCES ARE GROUND LENGTHS UNLESS OTHERWISE NOTED AND MAY BE CONVERTED TO GRID LENGTHS BY MULTIPLYING PLAT DISTANCES BY .999970

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD. OTHER INFORMATION IS PROVIDED TO SUPPLEMENT THE BASIC PERIMETER DESCRIPTION AND SHALL NOT BE CONSTRUED TO PREVAIL OVER THE PERIMETER DESCRIPTION.

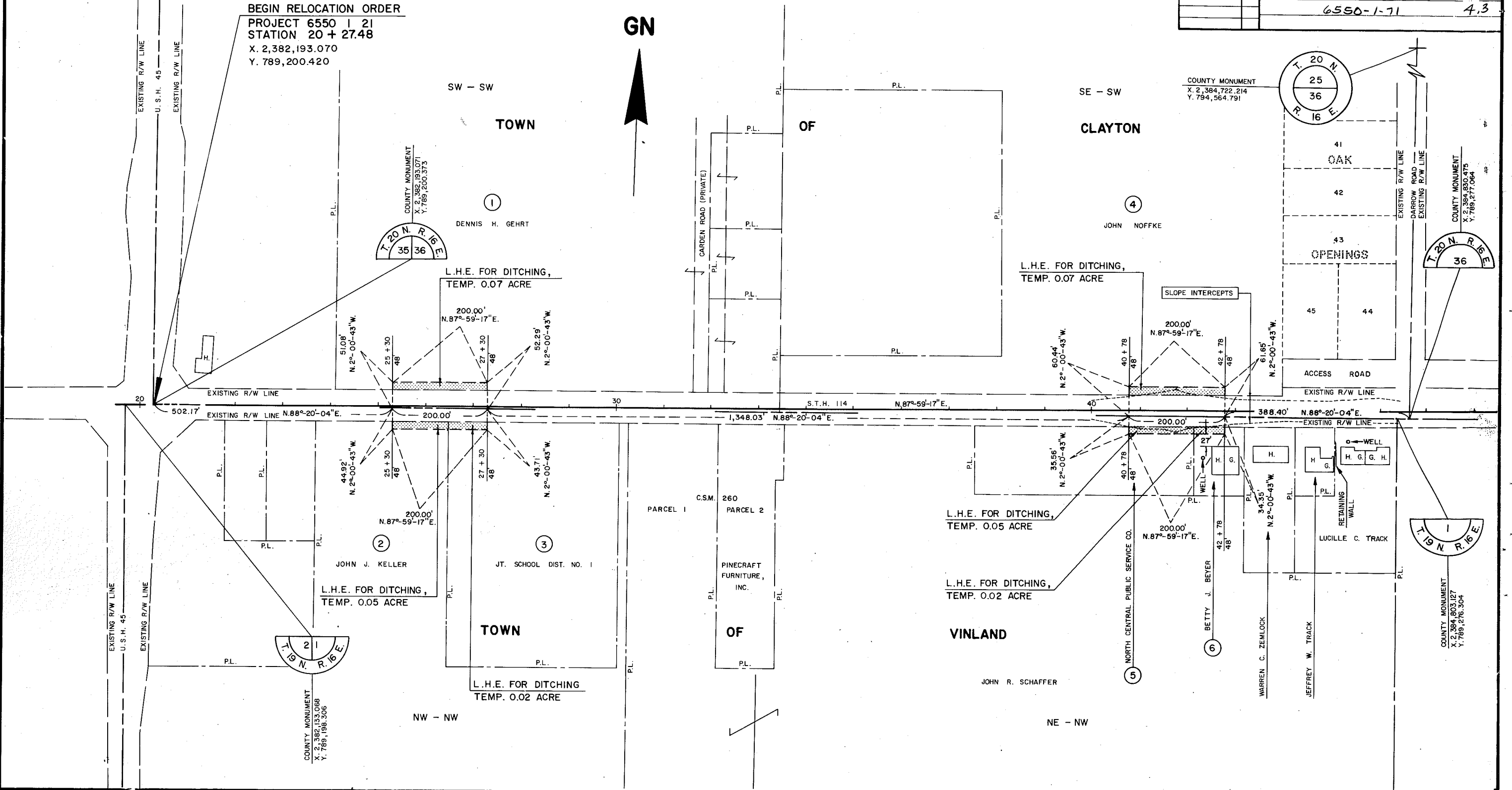
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.		TOTAL ACRES REM.
				TEMP.	PERM.	W	EXISTING TOTAL	
1	4.3	DENNIS H. GEHRT	L.H.E.	0.07	—	—	—	—
2	4.3	JOHN J. KELLER	L.H.E.	0.05	—	—	—	—
3	4.3	JT. SCHOOL DIST. NO. 1	L.H.E.	0.02	—	—	—	—
4	4.3-4.5	JOHN NOFFKE	L.H.E.	0.17	0.22	—	—	—
5	4.3	NORTH CENTRAL PUBLIC SERVICE CO.	L.H.E.	0.05	—	—	—	—
6	4.3	BETTY J. BEYER	L.H.E.	0.02	—	—	—	—

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.3
9-5-85	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 1 00 U.S.H. 45 — U.S.H. 41 S.T.H. 114 SCALE 200 FT. WINNEBAGO COUNTY DATE 6-1-84 CONSTRUCTION PROJECT NUMBER 6550-1-71 4.3		

BEGIN RELOCATION ORDER
 PROJECT 6550 1 21
 STATION 20 + 27.48
 X. 2,382,193.070
 Y. 789,200.420

GN



BEARING ORIENTATION AND GRID CONVERSION

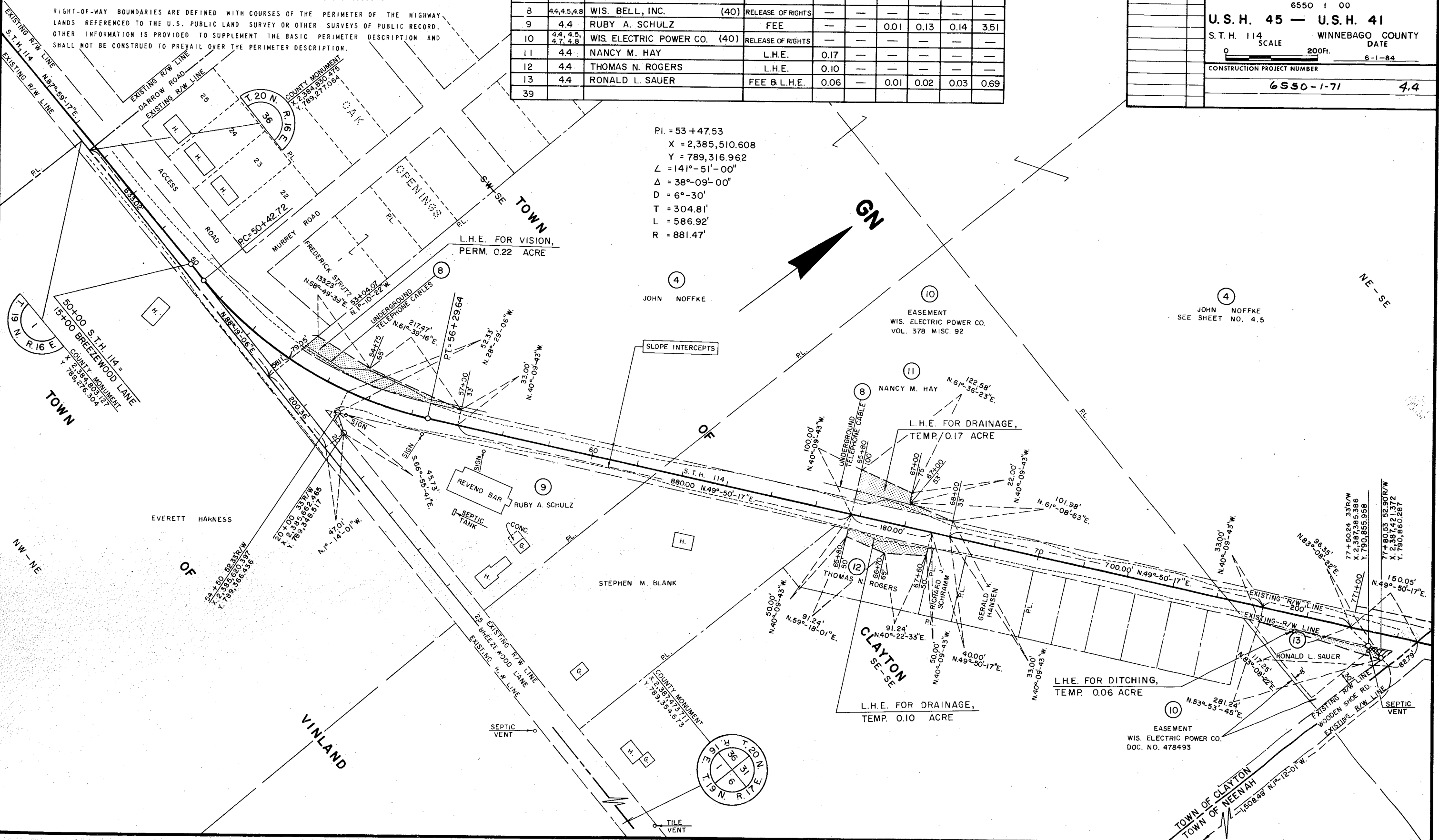
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SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.			TOTAL ACRES REM.
				TEMP.	PERM.	NEW	EXISTING	TOTAL	
4	4.3-4.5	JOHN NOFFKE	L.H.E.		SEE SHEET	NO.	4.3		
3	4.4,4.5,4.8	WIS. BELL, INC.	(40) RELEASE OF RIGHTS						
9	4.4	RUBY A. SCHULZ	FEE			0.01	0.13	0.14	3.51
10	4.4, 4.5, 4.7, 4.8	WIS. ELECTRIC POWER CO. (40)	RELEASE OF RIGHTS						
11	4.4	NANCY M. HAY	L.H.E.	0.17					
12	4.4	THOMAS N. ROGERS	L.H.E.	0.10					
13	4.4	RONALD L. SAUER	FEE & L.H.E.	0.06		0.01	0.02	0.03	0.69
39									

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.4
9-5-85	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 1 00 U.S.H. 45 — U.S.H. 41 S.T.H. 114 SCALE WINNEBAGO COUNTY DATE 0 200FT. 6-1-84		
CONSTRUCTION PROJECT NUMBER		
6550-1-71		4.4



P.I. = 53+47.53
 X = 2,385,510.608
 Y = 789,316.962
 L = 141°-51'-00"
 Δ = 38°-09'-00"
 D = 6°-30'
 T = 304.81'
 L = 586.92'
 R = 881.47'

BEARING ORIENTATION AND GRID CONVERSION

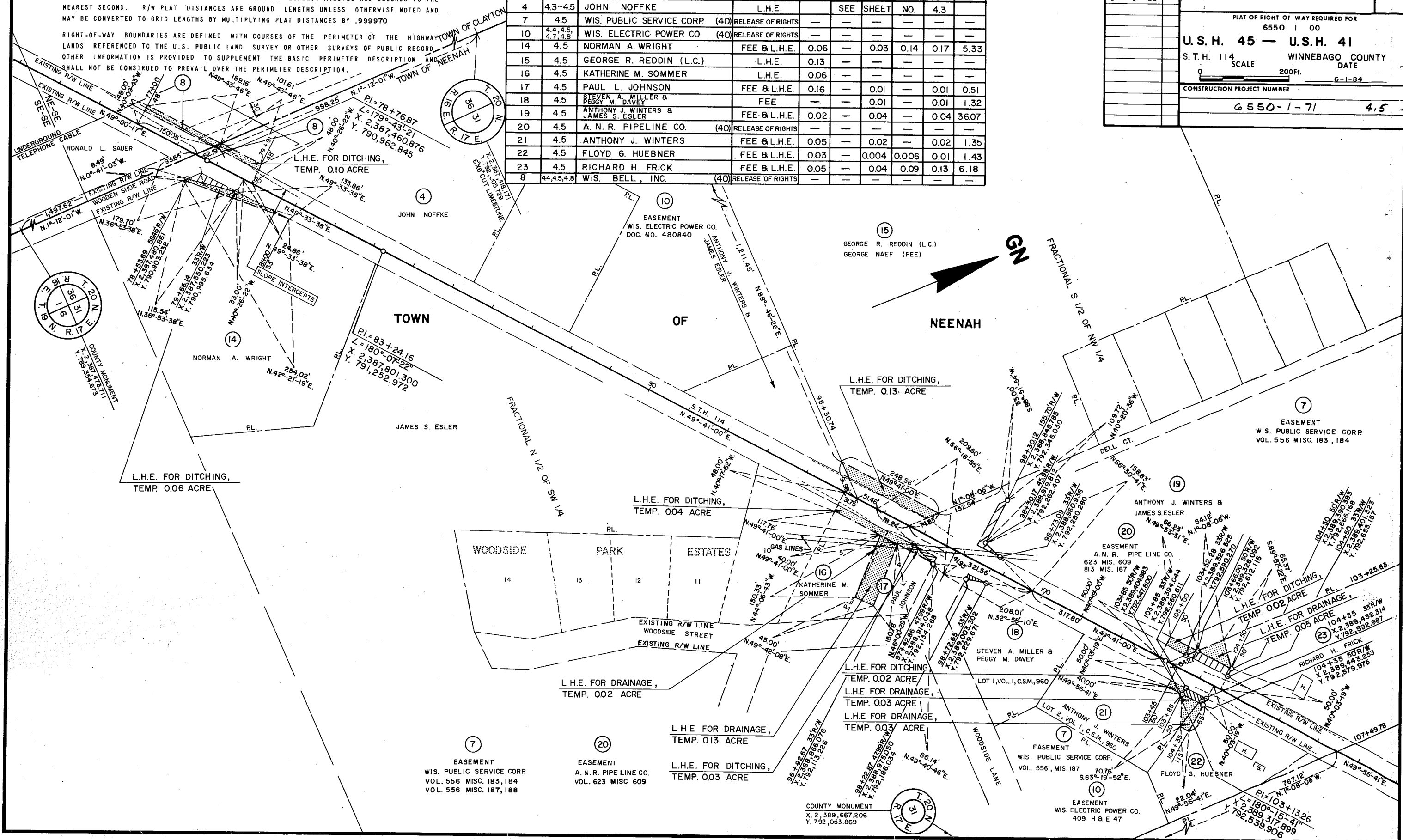
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SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.			TOTAL ACRES REM.
				TEMP.	PERM.	NEW	EXISTING	TOTAL	
4	4.3-4.5	JOHN NOFFKE	L.H.E.	SEE	—	SHEET	NO.	4.3	—
7	4.5	WIS. PUBLIC SERVICE CORP. (40)	RELEASE OF RIGHTS	—	—	—	—	—	—
10	4.4, 4.5, 4.7, 4.8	WIS. ELECTRIC POWER CO. (40)	RELEASE OF RIGHTS	—	—	—	—	—	—
14	4.5	NORMAN A. WRIGHT	FEE & L.H.E.	0.06	—	0.03	0.14	0.17	5.33
15	4.5	GEORGE R. REDDIN (L.C.)	L.H.E.	0.13	—	—	—	—	—
16	4.5	KATHERINE M. SOMMER	L.H.E.	0.06	—	—	—	—	—
17	4.5	PAUL L. JOHNSON	FEE & L.H.E.	0.16	—	0.01	—	0.01	0.51
18	4.5	STEVEN A. MILLER & PEGGY M. DAVEY	FEE	—	—	0.01	—	0.01	1.32
19	4.5	ANTHONY J. WINTERS & JAMES S. ESLER	FEE & L.H.E.	0.02	—	0.04	—	0.04	36.07
20	4.5	A. N. R. PIPELINE CO. (40)	RELEASE OF RIGHTS	—	—	—	—	—	—
21	4.5	ANTHONY J. WINTERS	FEE & L.H.E.	0.05	—	0.02	—	0.02	1.35
22	4.5	FLOYD G. HUEBNER	FEE & L.H.E.	0.03	—	0.004	0.006	0.01	1.43
23	4.5	RICHARD H. FRICK	FEE & L.H.E.	0.05	—	0.04	0.09	0.13	6.18
8	44, 45, 48	WIS. BELL, INC. (40)	RELEASE OF RIGHTS	—	—	—	—	—	—

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.5
9-5-85	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 1 00		
U.S.H. 45 — U.S.H. 41		
S.T.H. 114		WINNEBAGO COUNTY
SCALE		DATE
0 200 Ft.		6-1-84
CONSTRUCTION PROJECT NUMBER		
6550-1-71		4.5



BEARING ORIENTATION AND GRID CONVERSION

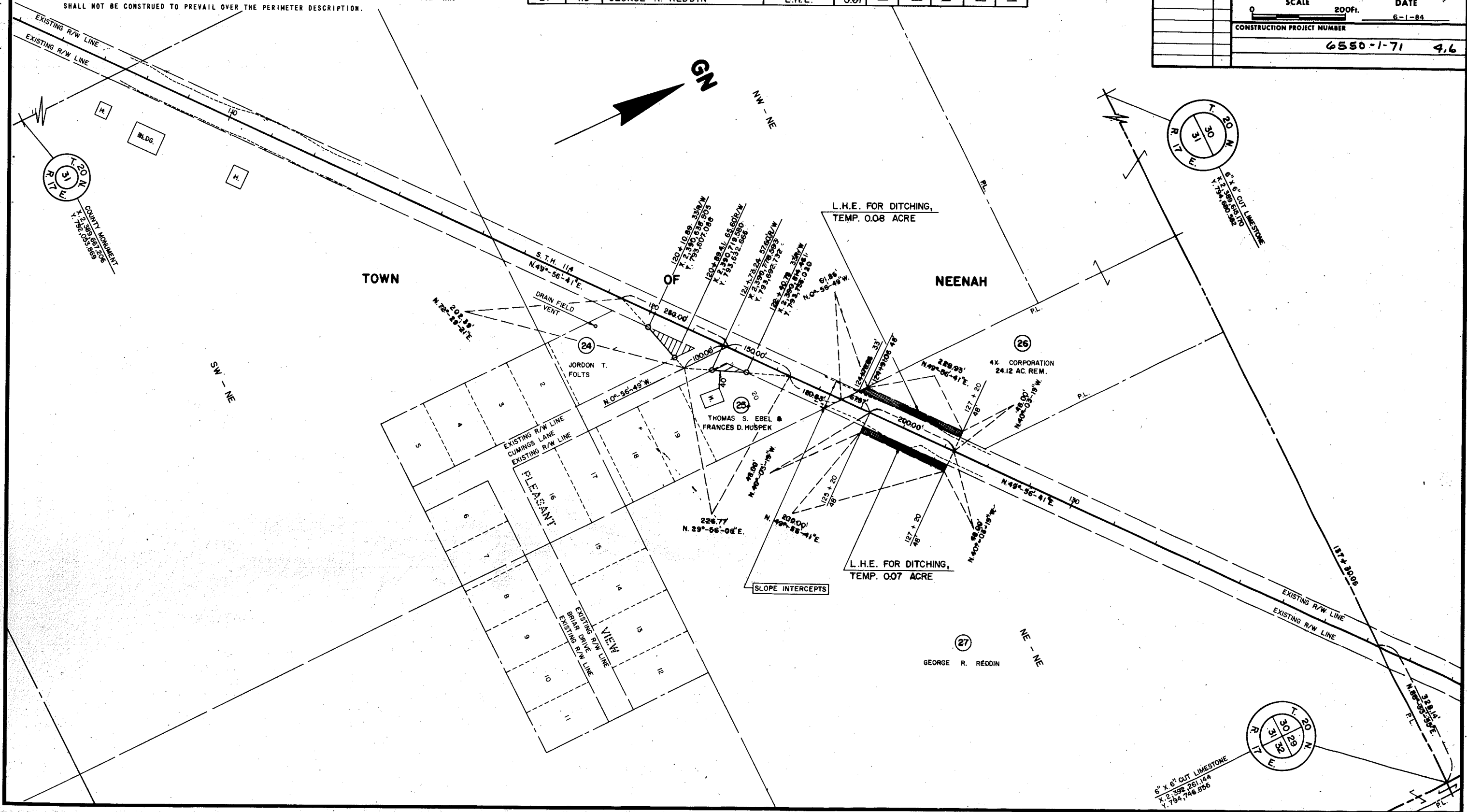
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SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.			TOTAL ACRES REM.
				TEMP.	PERM.	NEW	EXISTING	TOTAL	
24	4.6	JORDON T. FOLTS	FEE	—	—	0.05	—	0.05	0.69
25	4.6	THOMAS S. EBEL & FRANCES D. MUSPEK	FEE	—	—	0.01	—	0.01	0.76
26	4.6-4.8	4X CORPORATION	FEE & L.H.E.	0.20	—	0.14	0.10	0.24	46.19
27	4.6	GEORGE R. REDDIN	L.H.E.	0.07	—	—	—	—	—

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.6
9-5-85	N.C.	
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR 6550 1 00		
U.S.H. 45 — U.S.H. 41		
S.T.H. 114 WINNEBAGO COUNTY DATE		
SCALE 200 Ft. 6-1-84		
CONSTRUCTION PROJECT NUMBER		
6550-1-71 4.6		



BEARING ORIENTATION AND GRID CONVERSION

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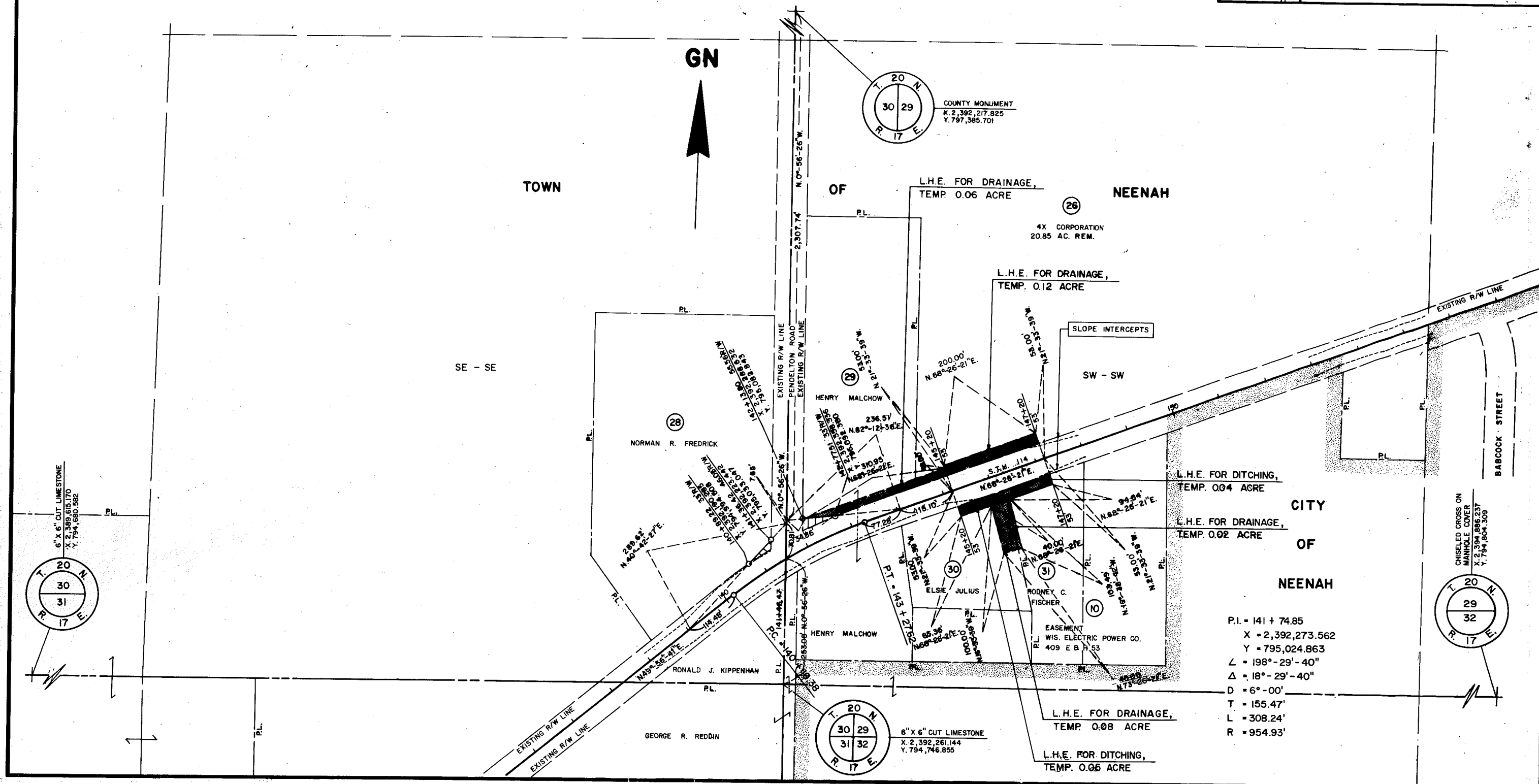
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SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.		TOTAL ACRES REM.
				TEMP.	PERM.	NEW	EXISTING	
10	4.4, 4.5, 4.7, 4.8	WIS. ELECTRIC POWER CO. (40)	RELEASE OF RIGHTS	—	—	—	—	—
26	4.6-4.8	4X CORPORATION	FEE & L.H.E.	—	SEE SHEET NO.	—	4.6	—
28	4.7	NORMAN R. FREDRICK	FEE	—	—	0.01	0.02	0.03
29	4.7	HENRY MALCHOW	FEE & L.H.E.	0.06	—	0.02	0.12	0.14
30	4.7	ELSIE JULIUS	L.H.E.	0.13	—	—	—	—
31	4.7	RODNEY C. FISCHER	L.H.E.	0.06	—	—	—	—

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 1 21	4.7
9-5-85	N.C.	

PLAT OF RIGHT OF WAY REQUIRED FOR
6550 1 00
U.S.H. 45 — U.S.H. 41
S.T.H. 114 SCALE 200 Ft. DATE 6-1-84
CONSTRUCTION PROJECT NUMBER
6550-1-71 4.7



BEARING ORIENTATION AND GRID CONVERSION

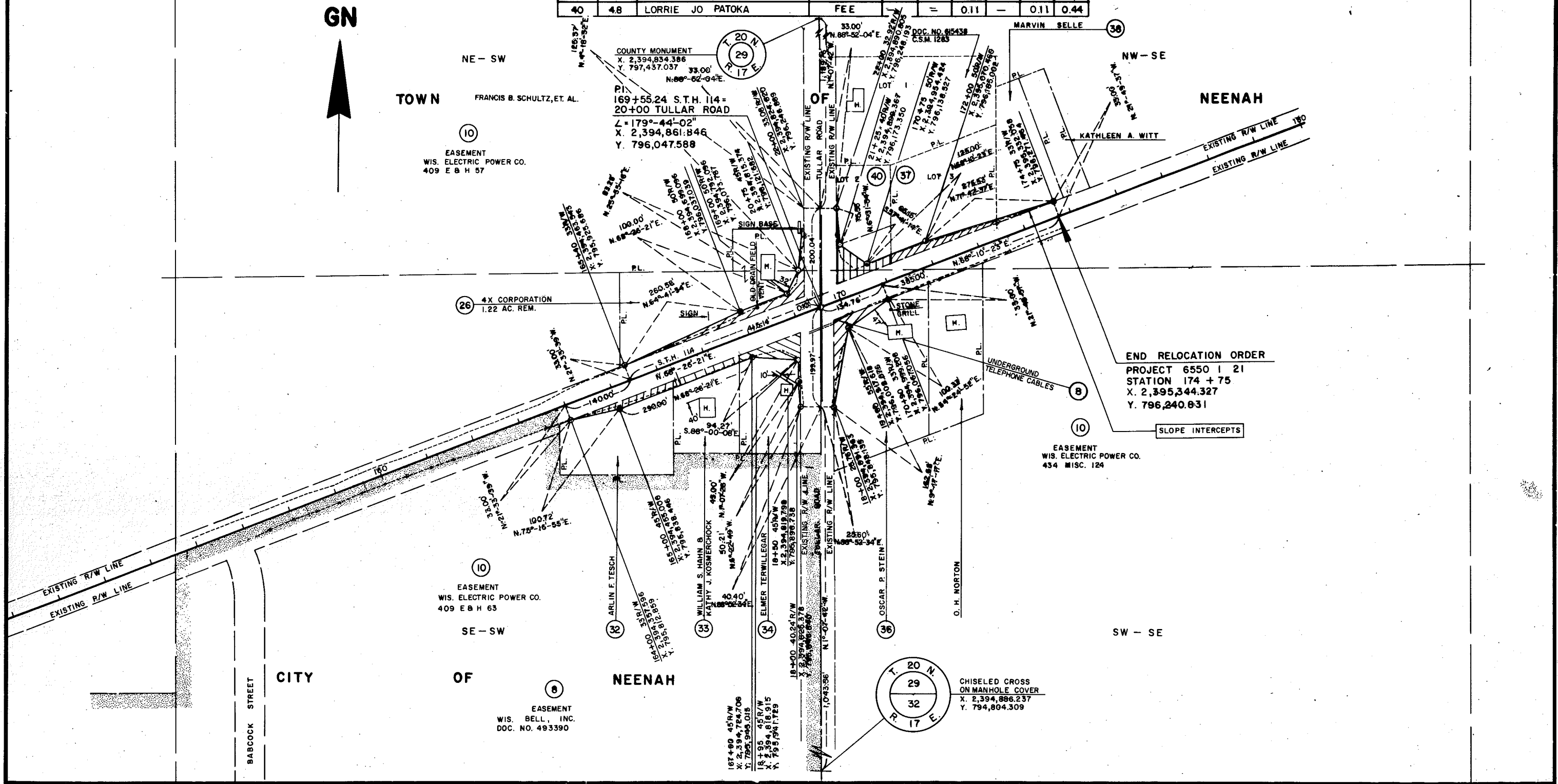
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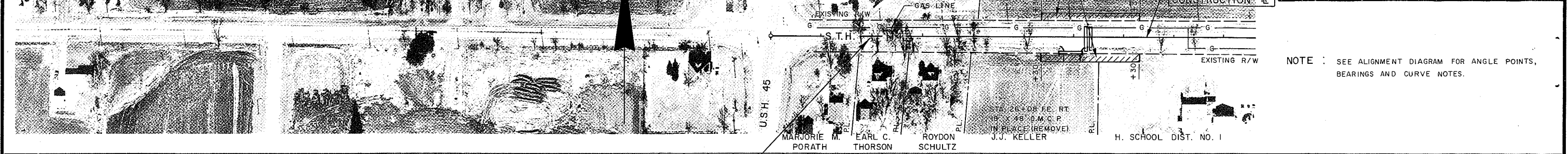
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES		R/W ACRES REQ'D.		TOTAL ACRES REM.
				TEMP.	PERM.	NEW	EXISTING	
8	44,45,48	WIS. BELL, INC.	(40) RELEASE OF RIGHTS	—	—	—	—	—
10	44,45,47,48	WIS. ELECTRIC POWER CO. (40)	RELEASE OF RIGHTS	—	—	—	—	—
26	4,6-4,8	4X CORPORATION	FEE & L.H.E.	SEE SHEET NO.	4.8			
32	4,8	ARLIN F. TESCH	FEE	—	—	0.05	0.19	0.24
33	4,8	WILLIAM S. MAHN & KATHY J. KOSMERCHOCK	FEE	—	—	0.04	0.11	0.15
34	4,8	ELMER TERWILLEGAR	FEE	—	—	0.09	0.28	0.37
35								
36	4,8	OSCAR P. STEIN	FEE	—	—	0.10	0.19	0.29
37	4,8	THOMAS L. SAUER	FEE	—	—	0.07	—	0.07
38	4,8	MARVIN SELLE	FEE	—	—	0.01	0.11	0.12
40	4,8	LORRIE JO PATOKA	FEE	—	—	0.11	—	0.11

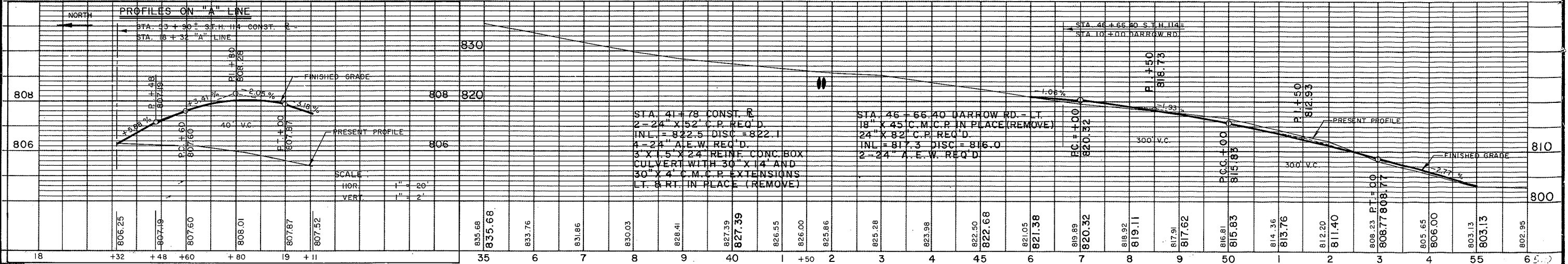
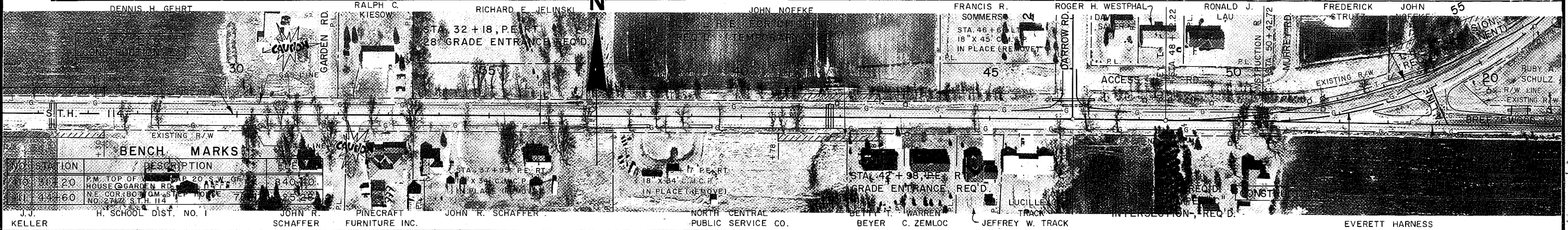
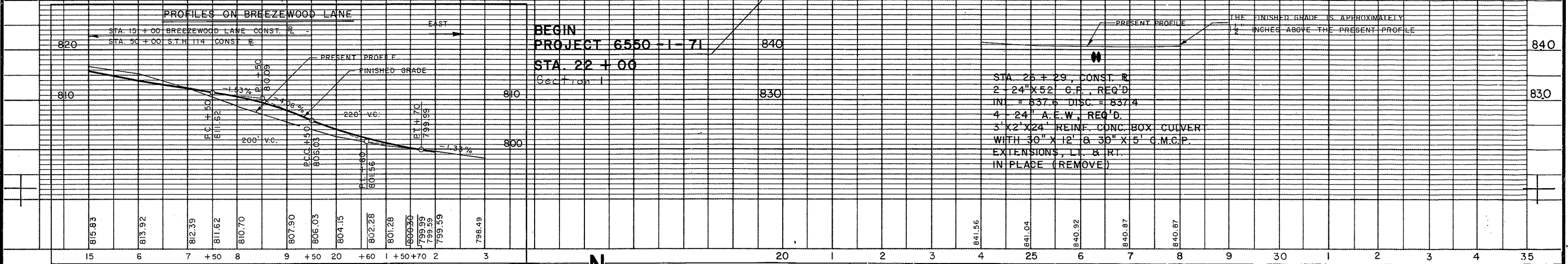
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
10-22-84	6550 21	4.8
9-8-85	FEDERAL PROJECT NUMBER	
PLAT OF RIGHT OF WAY REQUIRED FOR		
6550 00		
U.S.H. 45 — U.S.H. 41		
S.T.H. 114 WINNEBAGO COUNTY DATE		
SCALE 200 Ft. 6-1-84		
CONSTRUCTION PROJECT NUMBER		
6550-1-7472 4.8		

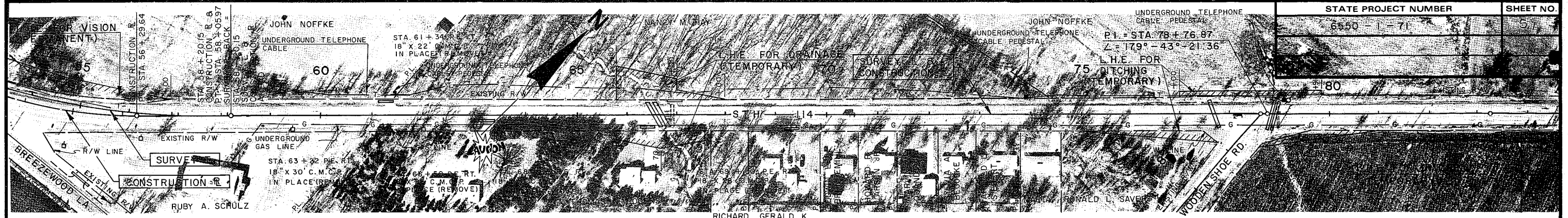


BENCH MARKS				STATE PROJECT NUMBER	SHEET NO.
NO.	STATION	DESCRIPTION	ELEV.	6550-1-71	5.0
40	487+03	P.K. IN POWER POLE BUSH	815.83		
41	494+67	P.M. S.W. COR. CONC. WELLS PLATFORM	808.23		



NOTE: SEE ALIGNMENT DIAGRAM FOR ANGLE POINTS, BEARINGS AND CURVE NOTES.

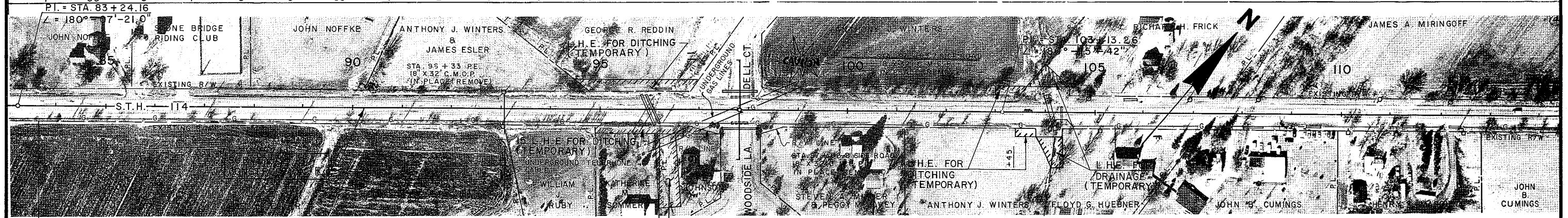




BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
412	56+68	P.K. NAIL 16" MAPLE	44' RT 802.44
413	73+75	P.K. NAIL 14" ASH	35' LT 789.49

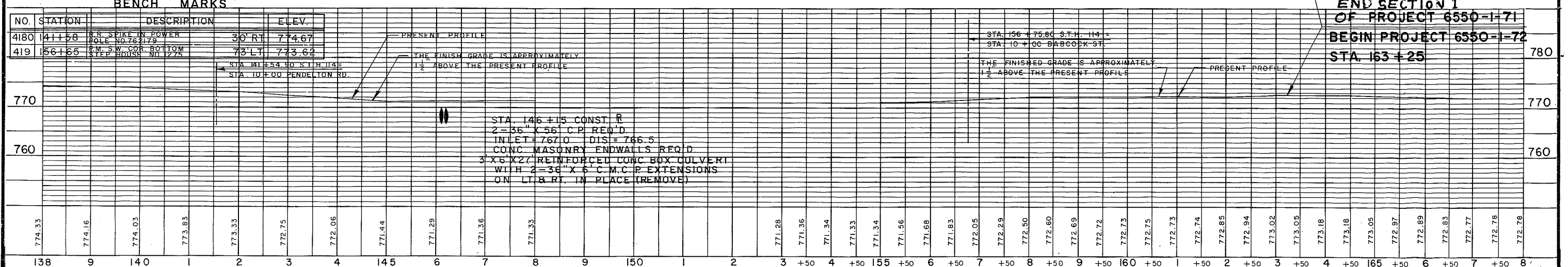
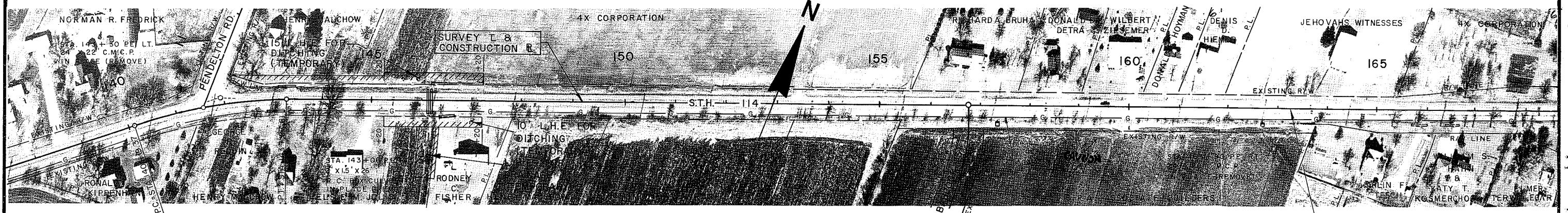
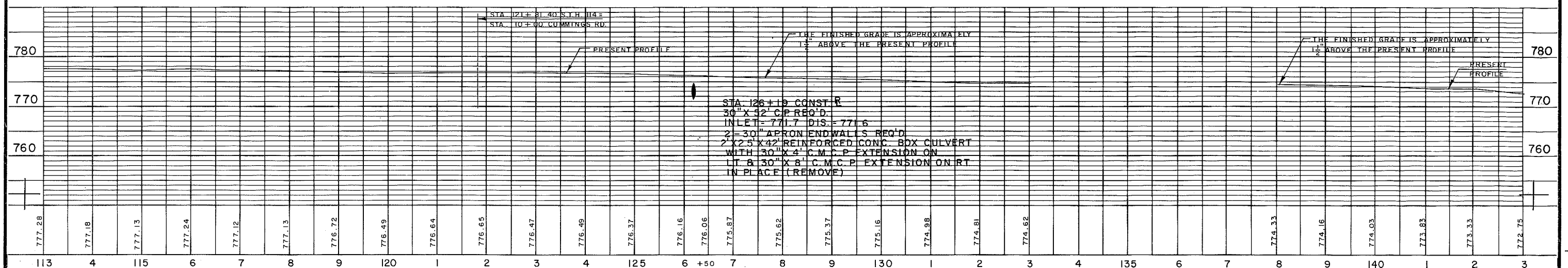
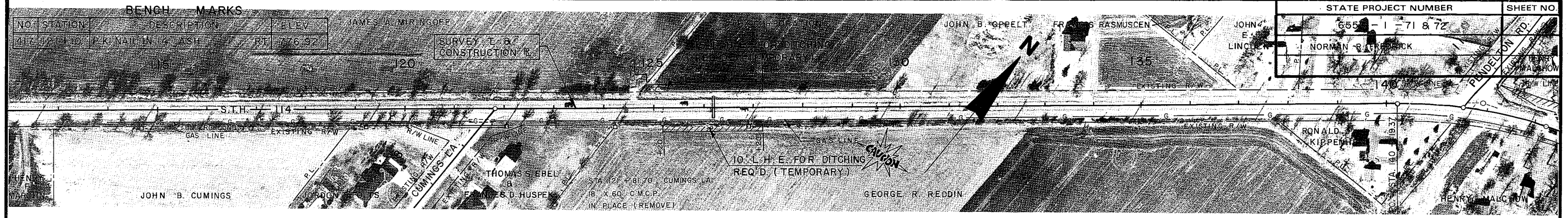
STATION	ELEVATION
55	798.59
56	798.13
57	797.66
58	797.43
59	796.99
60	796.10
61	795.15
62	794.38
63	793.33
64	792.77
65	792.03
66	791.19
67	790.34
68	789.75
69	789.33
70	788.84
71	788.41
72	788.14
73	788.04
74	787.38
75	786.95



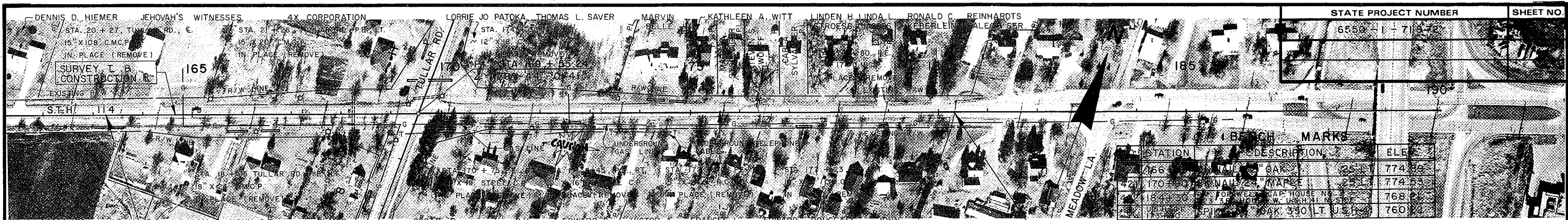
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
414	90+00	P.K. NAIL IN 14" B.E.	60' LT 782.64
415	95+50	P.K. NAIL IN 28" ASH	45' LT 780.96
416	113+03	P.K. NAIL IN 15" HICKORY	35' RT 777.23

STATION	ELEVATION
85	780.66
86	780.79
87	780.64
88	780.80
89	780.69
90	780.82
91	780.81
92	780.84
93	780.69
94	780.82
95	780.67
96	780.80
97	780.63
98	780.76
99	780.55
100	780.62
101	780.26
102	780.39
103	779.96
104	780.19
105	779.58
106	779.84
107	779.39
108	779.52
109	779.12
110	779.25
111	778.89
112	779.02
113	778.64
114	778.77
115	778.38
116	778.51
117	778.09
118	778.22
119	777.81
120	777.94
121	777.55
122	777.68
123	777.28
124	777.41
125	777.16
126	777.29

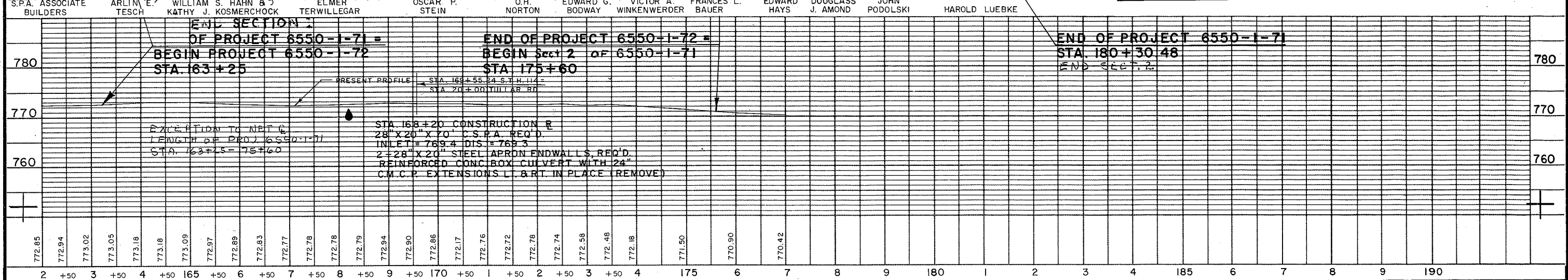


**END SECTION 1
OF PROJECT 6550-1-71
BEGIN PROJECT 6550-1-72
STA. 163+25**



STATE PROJECT NUMBER	SHEET NO.
6550-1-71-72	11

STATION	DESCRIPTION	ELEV.
166	WALL OAK	774.69
170	WALL MAPLE	774.63
184	POPELAR	768.22
185	W. USH. H. I. N. ST. OAK	760.22



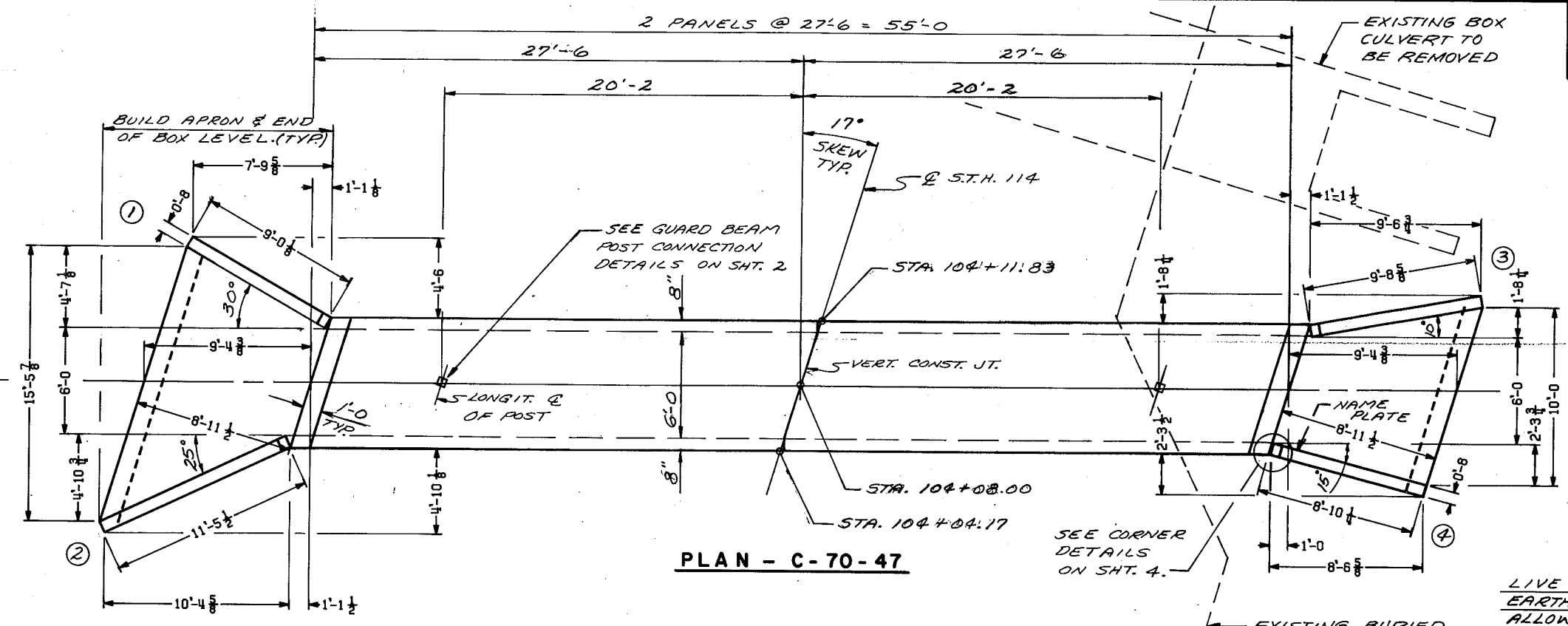
772.85	2	+50	3	+50	4	+50	165	+50	6	+50	7	+50	8	+50	9	+50	170	+50	1	+50	2	+50	3	+50	4	175	6	7	8	9	180	1	2	3	4	185	6	7	8	9	190
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GENERAL NOTES

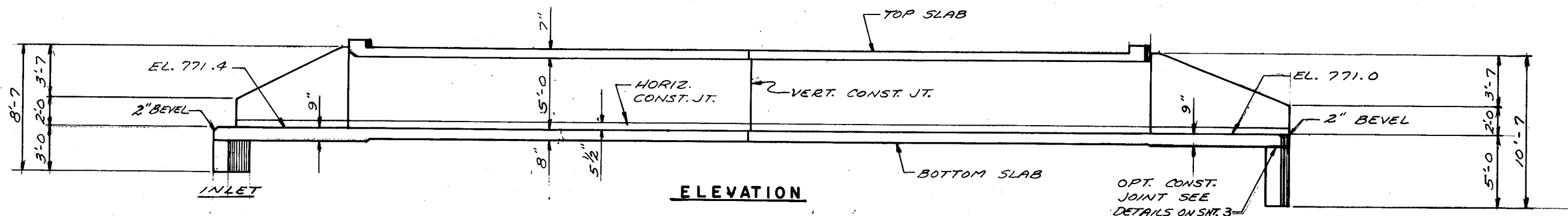
DRAWINGS SHALL NOT BE SCALED
 BAR STEEL REINFORCEMENT
 SHALL BE EMBEDDED 2" CLEAR
 UNLESS SHOWN OR NOTED OTHERWISE.
 THE UPPER LIMITS OF
 EXCAVATION FOR STRUCTURES
 SHALL BE THE EXIST. GROUNDLINE.
 ALL SPACES EXCAVATED AND
 NOT OCCUPIED BY THE NEW
 STRUCTURE SHALL BE BACKFILLED
 WITH GRANULAR BACKFILL TO
 THE ELEVATION AND SECTION
 EXISTING PRIOR TO EXCAVATION
 WITHIN THE LENGTH OF BOX.
 THE CONCRETE IN THE CUTOFF
 WALL MAY BE PLACED UNDERWATER
 IF THE EXCAVATION CANNOT BE
 DEWATERED.

DESIGN DATA

LIVE LOAD: HS20
 EARTHLOAD: DESIGNED FOR 2.4' OF FILL.
 ALLOWABLE DESIGN STRESSES:
 CONCRETE MASONRY — 9c-3,500 PSI.
 HIGH STRENGTH BAR STEEL
 REINFORCEMENT — f_y 60,000 PSI.



PLAN - C-70-47



ELEVATION

TOTAL ESTIMATED QUANTITIES

<u>BID ITEMS</u>	
REMOVING OLD CULVERT, STA. 104+30±	1 LS.
EXCAVATION FOR STRUCTURES	1 LS.
CONCRETE MASONRY	45 CY
HIGH STRENGTH BAR STEEL REINFORCEMENT	5160 LBS
STRUCTURAL CARBON STEEL	60 LBS.
<u>NON-BID ITEMS</u>	
POLYVINYL CHLORIDE WATERSTOP	21 LF.
FILLER	3/4" SIZE

LIST OF DRAWINGS

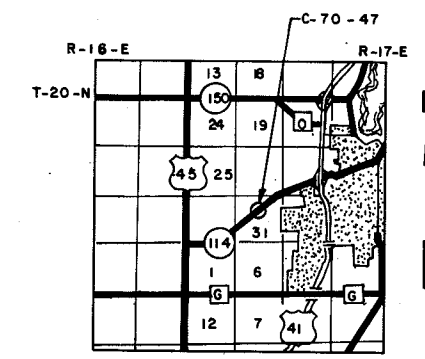
1. LAYOUT	X 76523
2. DETAILS	X 76524
3. DETAILS	X 76525
4. DETAILS	X 76526
5. SUBSURFACE EXPLORATION	X 76527

TRAFFIC VOLUME

S.T.H. 114
 A.D.T. = 4580
 R.D.S. = 60 MPH.

HYDRAULIC DATA

100 YEAR FREQUENCY
 $Q_{100} = 280$ C.F.S.
 VEL. = 12.3 F.P.S.
 HW = EL. 778.1
 DRAINAGE AREA = 0.57 SQ. MI.
 OVERTOPPING RD = NA.



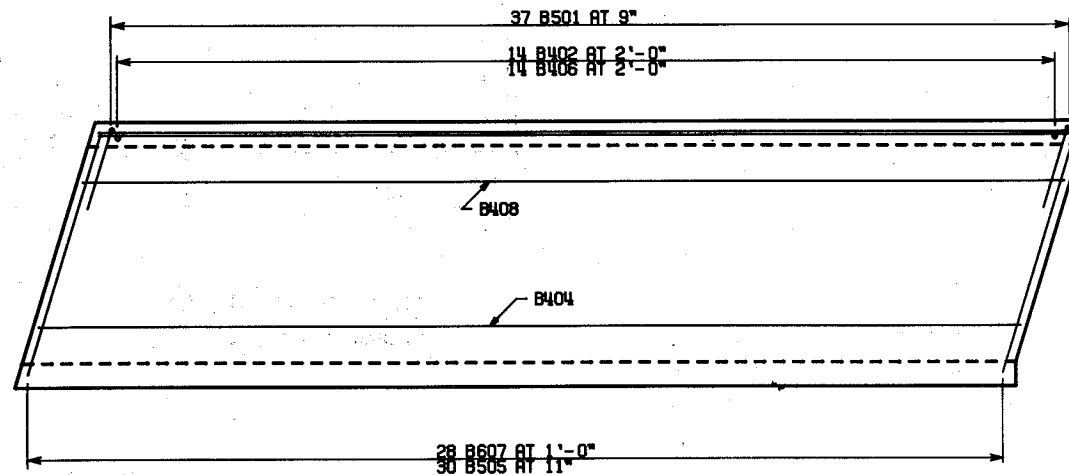
LAYOUT

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-70-47			
STH. 114 OVER INTERMITTENT STREAM			
COUNTY	WINNEBAGO	TOWNSHIP	NEENAH
DESIGN SPEC	AASHTO, 1983	LOAD	HS20
DES BY	COMP	DRAWN BY	COMP/BJ
DESIGN SPEC	1981	PLN CHK	H.E.A.
APPROVED	<i>Stanley W. Winkler</i> CHIEF BRIDGE ENGINEER		DATE 10/8/85
LAYOUT			SHEET 1 OF 5
X 76523			

BILL OF BARS 4,370 LBS.

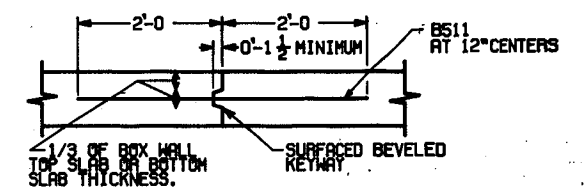
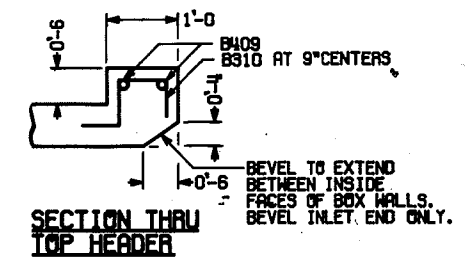
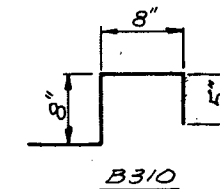
THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR.

MARK	NUMBER REQ'D.	LENGTH	BENT	CUTTING DIAGRAM	LOCATION
B501	296	6-1	2-4	NO	CORNERS
B402	58	2-0	NO	NO	BOT. SLAB - DOWELS
B403	40	27-0	NO	NO	LONGIT. BARS
B404	8	27-0	NO	NO	BOT. SLAB
B505	80	6-11	NO	NO	" "
B406	58	4-8	NO	NO	WALLS - VERT.
B607	58	6-11	NO	NO	TOP SLAB
B408	12	27-0	NO	NO	" "
B409	4	7-3	NO	NO	HEADERS
B310	20	2-8	YES	NO	" "
B511	24	4-0	NO	NO	VERT. CONST. JT.



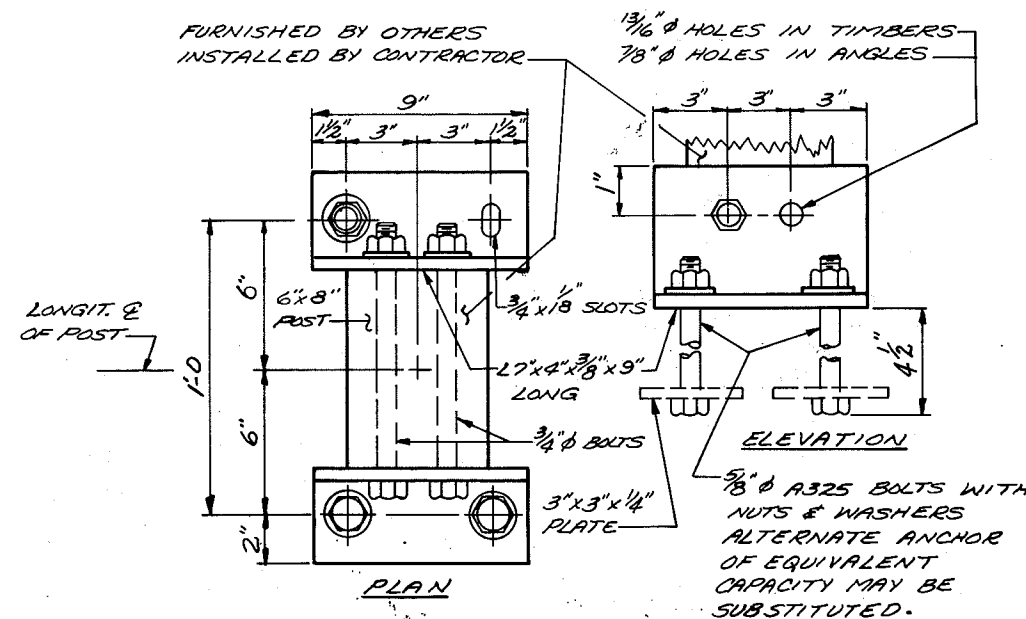
PLAN VIEW OF EXTERIOR PANEL

USE IDENTICAL STEEL IN OTHER PANEL
APRON AND HEADER ARE NOT SHOWN.



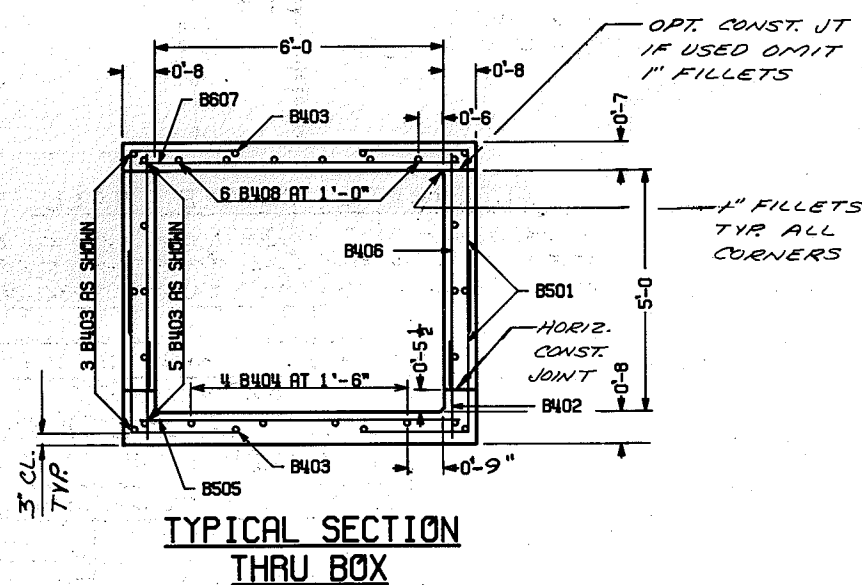
VERTICAL CONSTRUCTION JOINT

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-70-47			
CONST SPEC 1981	DRAWN BY COMP/BJ	PLN CHK H.E.A.	
DETAILS			SHEET 2 OF 5
DETAILS			X 76524



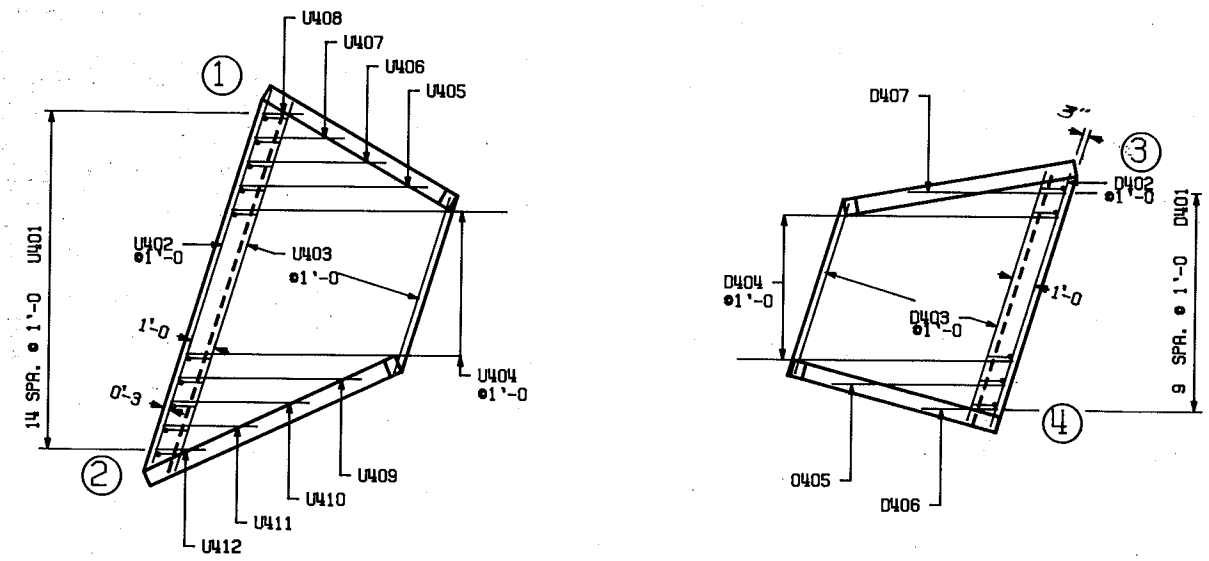
GUARD BEAM POST CONNECTION DETAILS

(2 REQ'D)
(TO BE PAID FOR AS "STRUCTURAL CARBON STEEL")

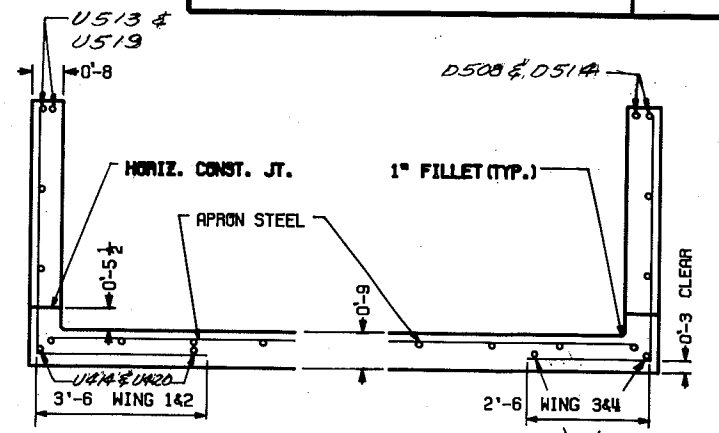


TYPICAL SECTION THRU BOX

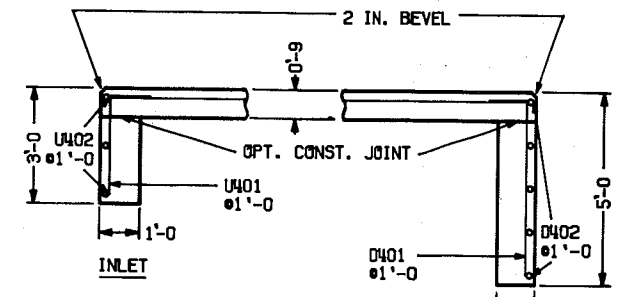
PLOT COMPLETED



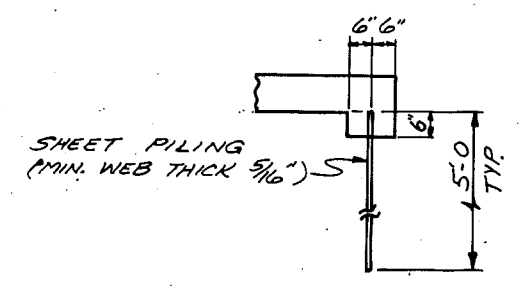
APRON DETAILS



**SECTION THRU WINGS
AT RIGHT ANGLES TO WING WALLS**

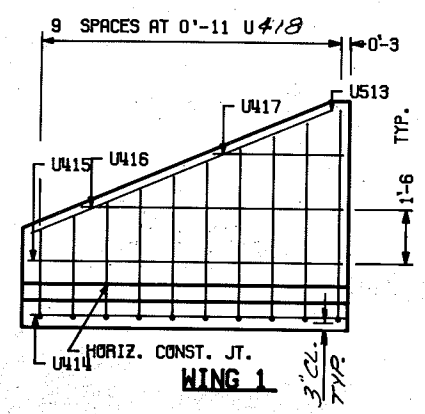


**CUT-OFF WALLS
SECTION THRU THE WALLS**

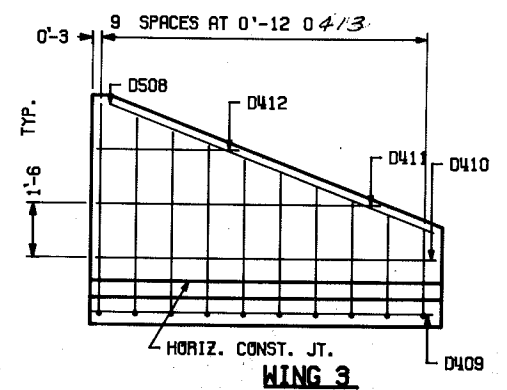


ALTERNATE CUTOFF WALL

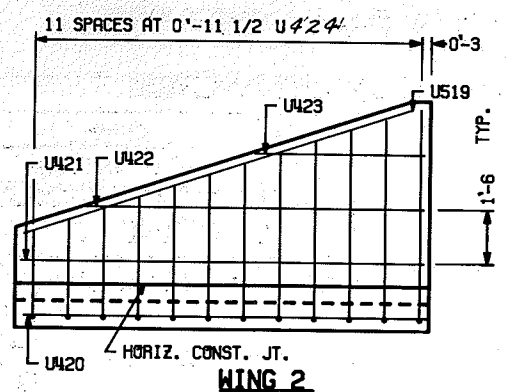
THE ABOVE ALT. MAYBE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUTOFF WALLS. PAYMENT WILL BE BASED ON THE CONC. CUTOFF WALLS.



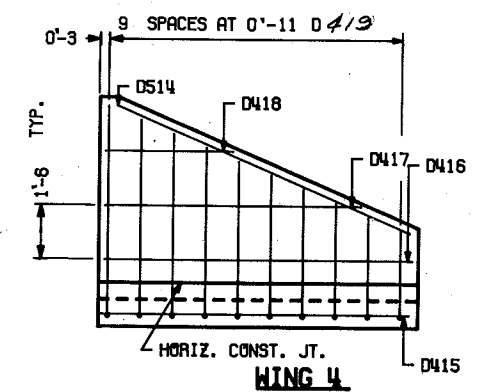
WING 1



WING 3



WING 2



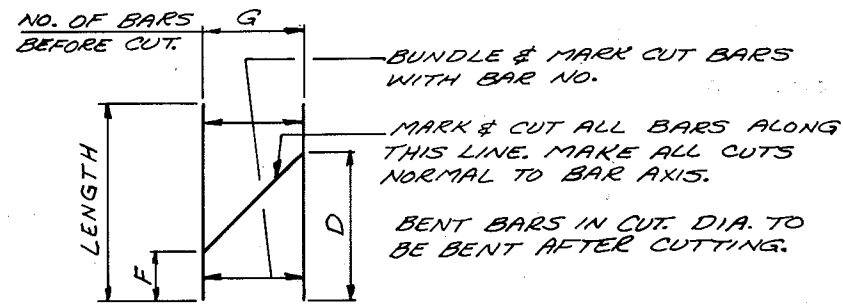
WING 4

CONTINUE ON NEXT SHEET

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-70-47			
CONST SPEC 1981		DRAWN BY COMP/BJ	PLN CHK H.E.A.
DETAILS			SHEET 3 OF 5
X 7-6525			

BILL OF BARS **790 LBS**

MARK	NO.	LENGTH	BENT	CUT	LOCATION
U401	15	3-6	1-0		INLET APRON AND CUTOFF WALL
U402	3	16-0			INLET APRON AND CUTOFF WALL
U403	4	23-7		*	" APRON
U404	7	11-4			" APRON
U405	1	7-9			" APRON
U406	1	5-8			" APRON
U407	1	3-8			" APRON
U408	1	1-8			" APRON
U409	1	7-6			" APRON
U410	1	5-8			" APRON
U411	1	3-10			" APRON
U412	1	2-0			" APRON
U513	2	9-3			WING 1 -HORIZONTAL
U414	2	9-3			WING " -HORIZONTAL-APRON
U415	1	8-8			WING " -HORIZONTAL
U416	1	7-3			WING " -HORIZONTAL
U417	1	3-7			WING " -HORIZONTAL
U418	5	15-1	3-6	*	WING " -VERTICAL
U519	2	11-6			WING 2 -HORIZONTAL
U420	2	11-8			WING " -HORIZONTAL-APRON
U421	1	11-1			WING " -HORIZONTAL
U422	1	9-4			WING " -HORIZONTAL
U423	1	4-8			WING " -HORIZONTAL
U424	6	15-1	3-6	*	WING " -VERTICAL
D401	10	5-6	1-0		OUTLET APRON AND CUTOFF WALL
D402	5	10-9			OUTLET APRON AND CUTOFF WALL
D403	4	18-1		*	" APRON
D404	7	11-4			" APRON
D405	1	7-2			" APRON
D406	1	3-1			" APRON
D407	1	6-6			" APRON
D508	2	9-11			WING 3 -HORIZONTAL
D409	2	10-0			WING " -HORIZONTAL-APRON
D410	1	9-5			WING " -HORIZONTAL
D411	1	7-10			WING " -HORIZONTAL
D412	1	3-11			WING " -HORIZONTAL
D413	5	13-1	2-6	*	WING " -VERTICAL
D514	2	9-1			WING 4 -HORIZONTAL
D415	2	9-1			WING " -HORIZONTAL-APRON
D416	1	8-6			WING " -HORIZONTAL
D417	1	7-1			WING " -HORIZONTAL
D418	1	3-6			WING " -HORIZONTAL
D419	5	13-1	2-6	*	WING " -VERTICAL

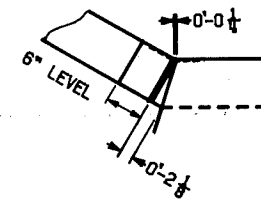


CUTTING DIAGRAM

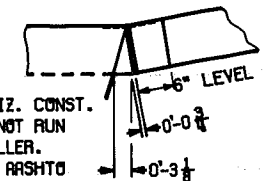
MARK	D	F	G	SETS REQ'D.
U403	11'-2	7'-8	4	1
U418	7'-4	5'-9	5	1
U424	7'-4	5'-9	6	1
D403	8'-10	7'-4	4	1
D413	6'-4	4'-9	5	1
D419	6'-4	4'-9	5	1

THE FIRST DIGIT OF THE MARK SIGNIFIES THE BAR SIZE.

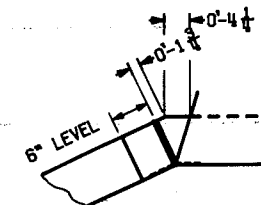
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A 'L' SHAPED BAR.



CORNER 1



CORNER 3



CORNER 2

EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING. DO NOT RUN ANY STEEL THRU JOINT FILLER. FILLER SHALL CONFORM TO ASHTO DESIGNATION M153 OR M213.

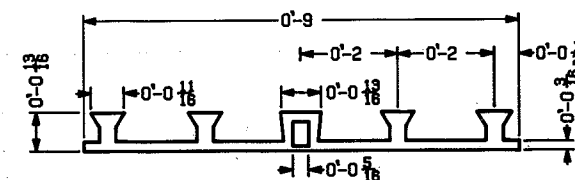
1" BEVEL TYPICAL

3/4" FILLER TYPICAL

POLYVINYL CHLORIDE WATERSTOP
EXTEND FROM HORIZ. CONST. JOINT TO TOP OF WALL. (FLUSH WITH FACE OF CONCRETE) SEE WATERSTOP DETAIL

CORNER DETAILS

CORNER 4



POLYVINYL CHLORIDE WATERSTOP

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-70-47			
CONST SPEC 1981		DRAWN BY COMP/BJ	PLN CHK H.E.A.
DETAILS			SHEET 4 OF 5
			X 76526

ABBREVIATIONS
 F — Fine M — Medium C — Coarse
 Ws — Weathered So — Sound

MATERIAL SYMBOLS

Topsoil	Silt	Sandstone
Sand	Peat	Limestone
Gravel	Clay	Igneous Rock

LEGEND OF PROBING

95/6=95 Blows for 6" Penetration
 Probing taken with a 350# wt. Falling 18" on a 2" O. D. Point.

Probing No. Sta. Elevation
 7 Average Blows Per Foot
 Refusal 95/6

LEGEND OF BORING

Unconfined Strength → 7.7
 Blows Per Ft. Using 140# Wt. Falling 30"
 Wash Sample
 Shelby Tube — S. T.

Elev. Boring No. Sta.

Sandy Gravel
 F. Boulders or Cobbles
 Sand
 Silty Clay
 So
 Limestone

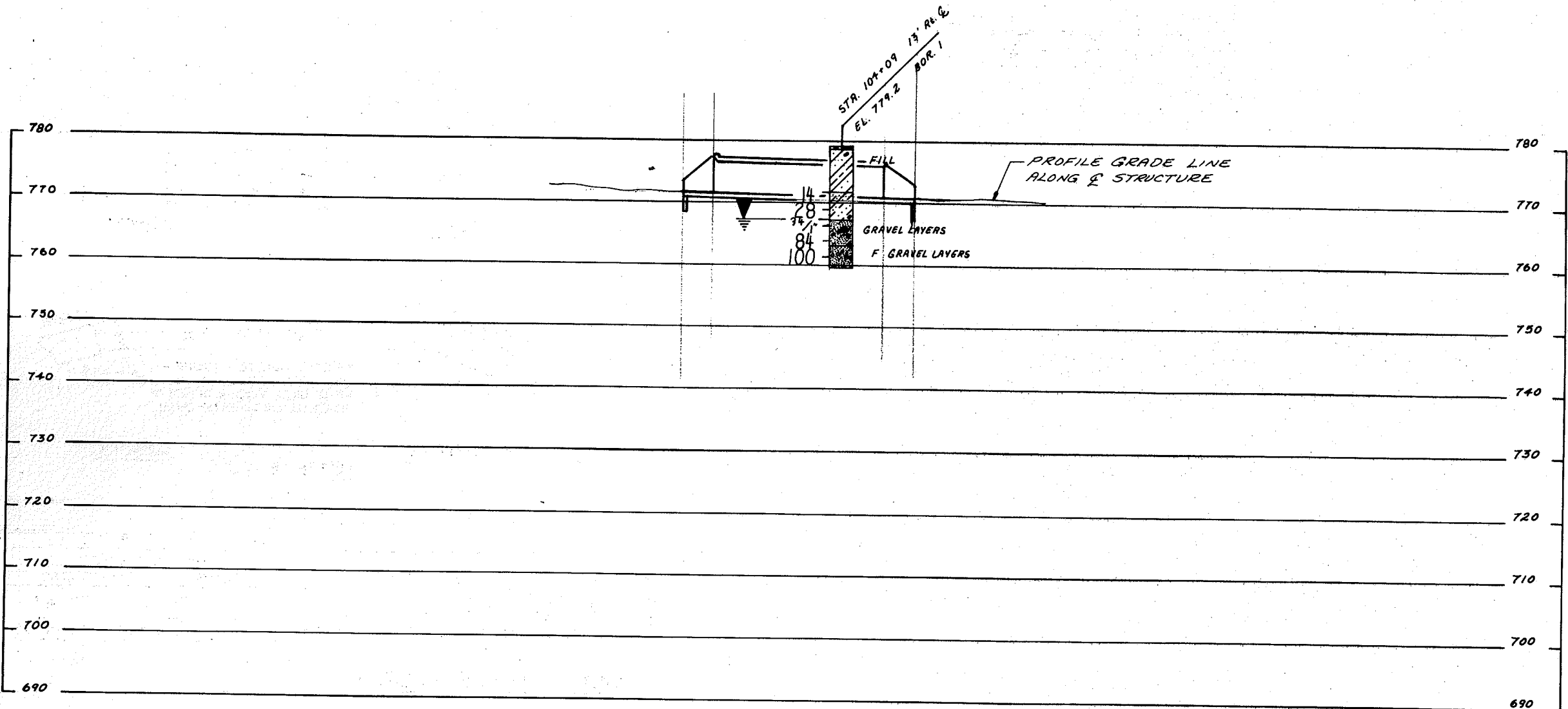
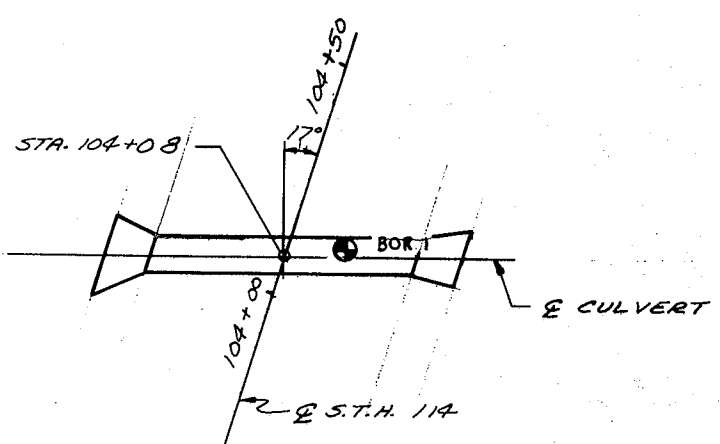
Ground Water Elevation
 No Ground Water Observed Above This Elevation

Unless otherwise specified, the blows per foot at the locations indicated are based on driving a 2" O. D. x 1.4" I. D. split spoon sampler with a 140# hammer having a free fall of 30". The blow count is taken in undisturbed soil immediately below a cased or open hole eliminating side friction on the drive pipe.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

To obtain relative data concerning the character of material in and upon which the foundation might be built, borings and/or soundings were made at points approximately as indicated on this drawing. The data presented herein represents the findings of the subsurface explorations made. However, because the depths investigated are limited and the area of the borings and/or soundings is very small in relation to the entire area, the Division of Highways does not warrant conditions below the depths investigated or that the classification of material encountered in these investigations is necessarily typical of the entire site.

No.	Date.	Revision	By
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS			
STRUCTURE C-70-47			
Const. Spec.	1981	Drawn By	Plans Checked
		DAB	H.E.A.
SUBSURFACE EXPLORATION			SHEET 5 OF 5
X 76527			



SURVEY T.

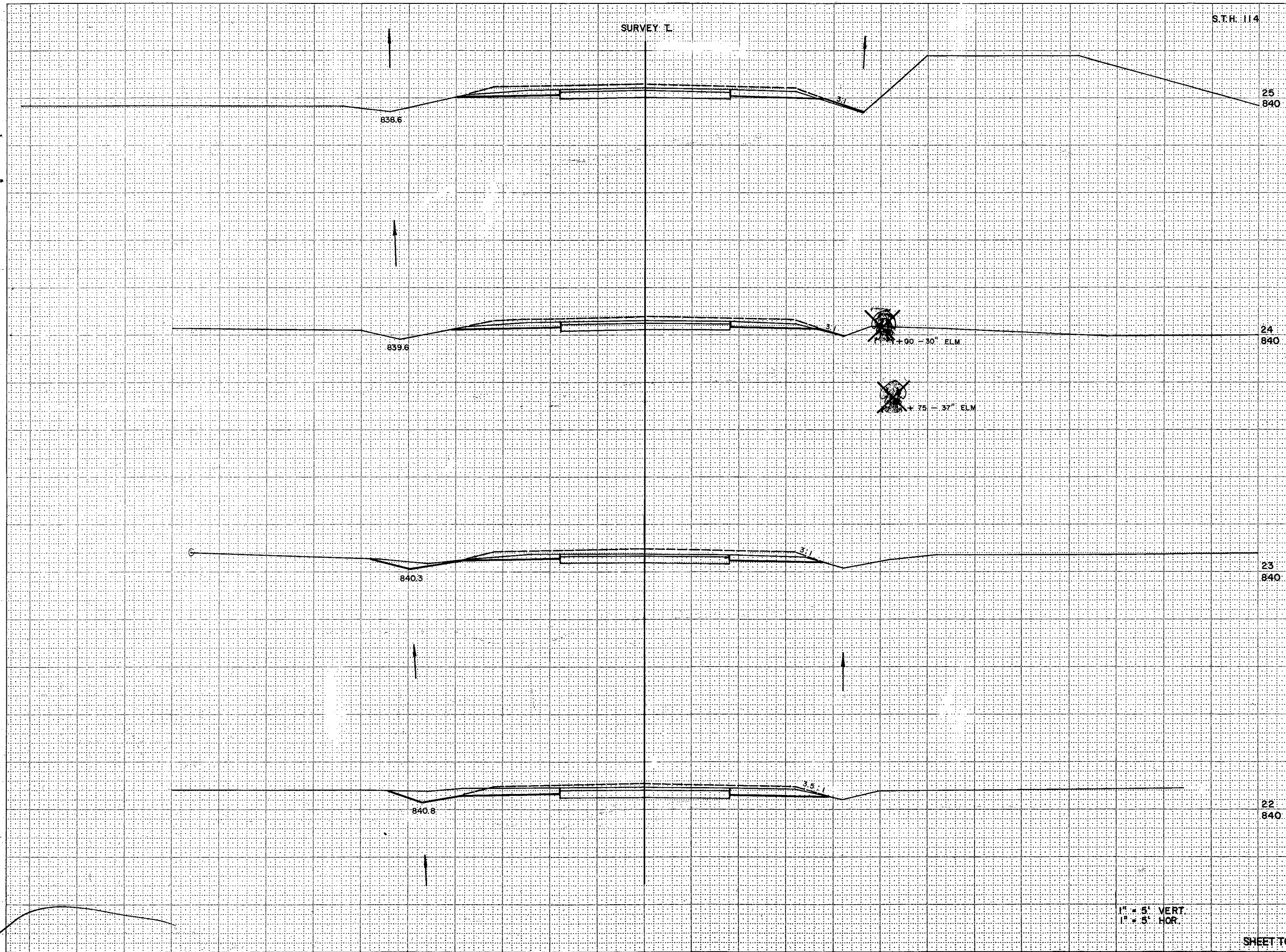
S.T.H. 114

STATE PROJECT NUMBER

SHEET NUMBER

6550-1-71

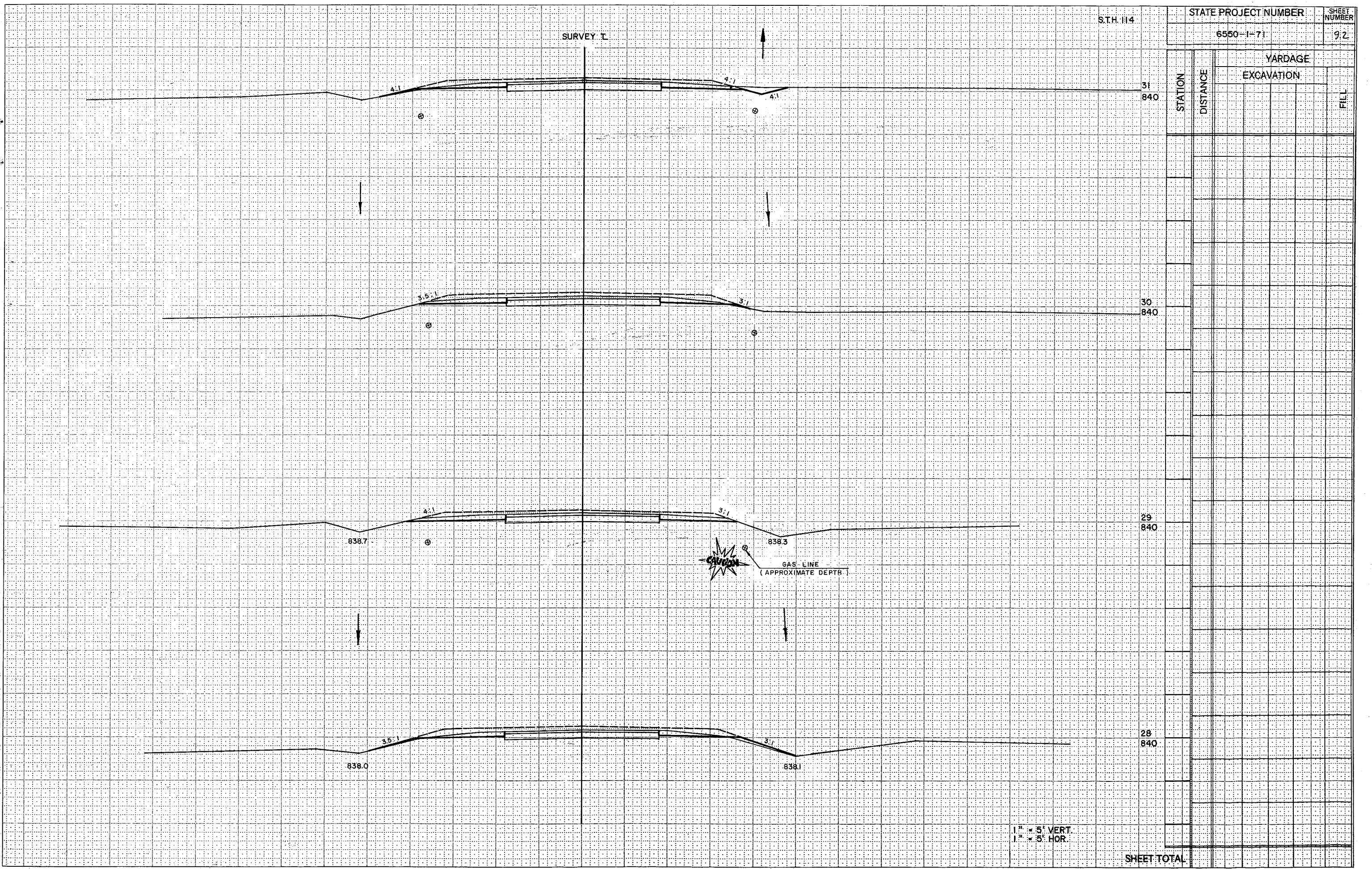
9.0



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
25+840			
24+840			
23+840			
22+840			
SHEET TOTAL			

1" = 5' VERT.
1" = 3' HOR.

SURVEY T



SURVEY T

S.T.H. 114

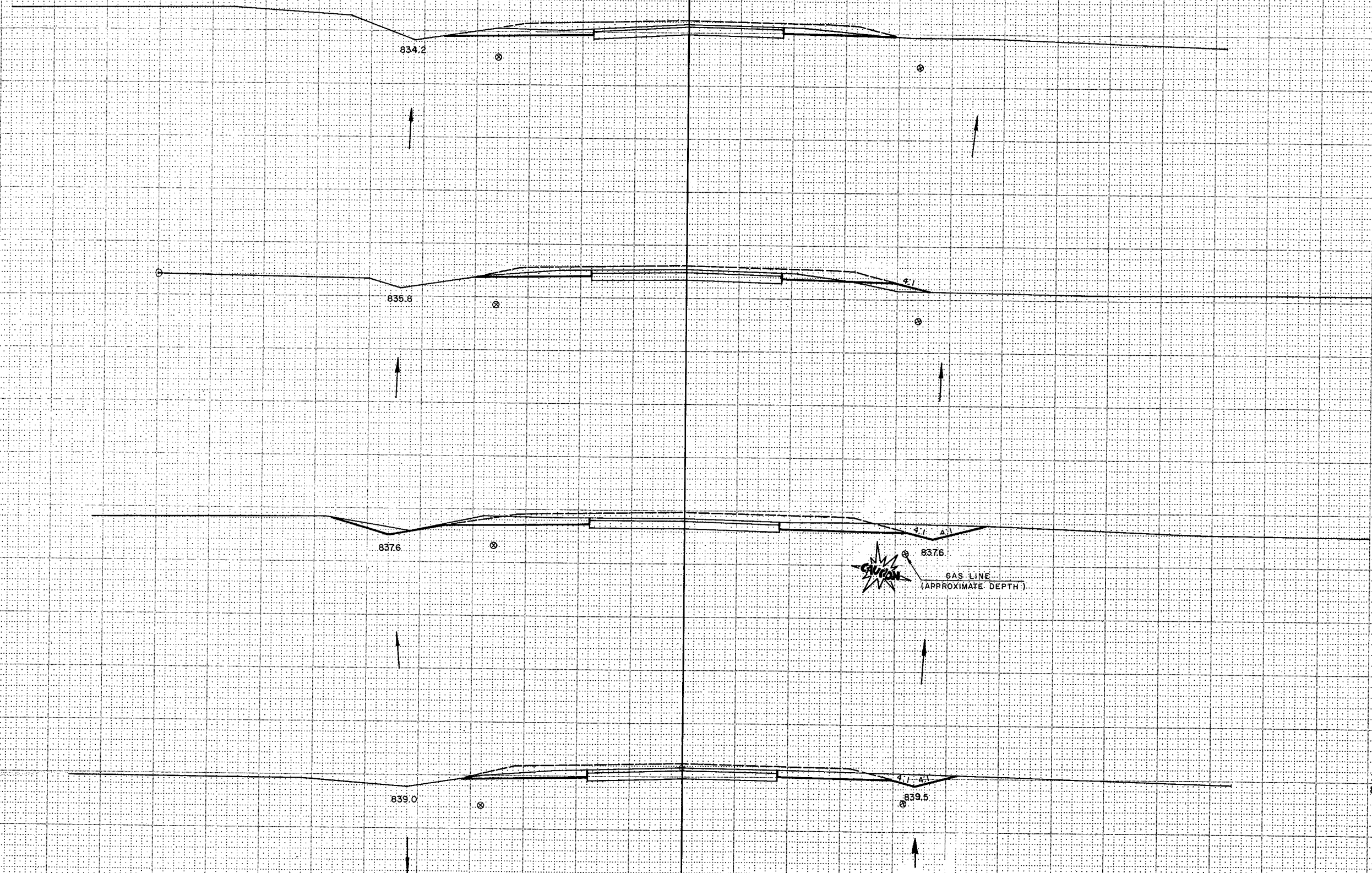
STATE PROJECT NUMBER

SHEET NUMBER

6550-1-71

93

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
35	835		
34	840		
33	840		
32	840		



1" = 5' VERT.
1" = 5' HOR.

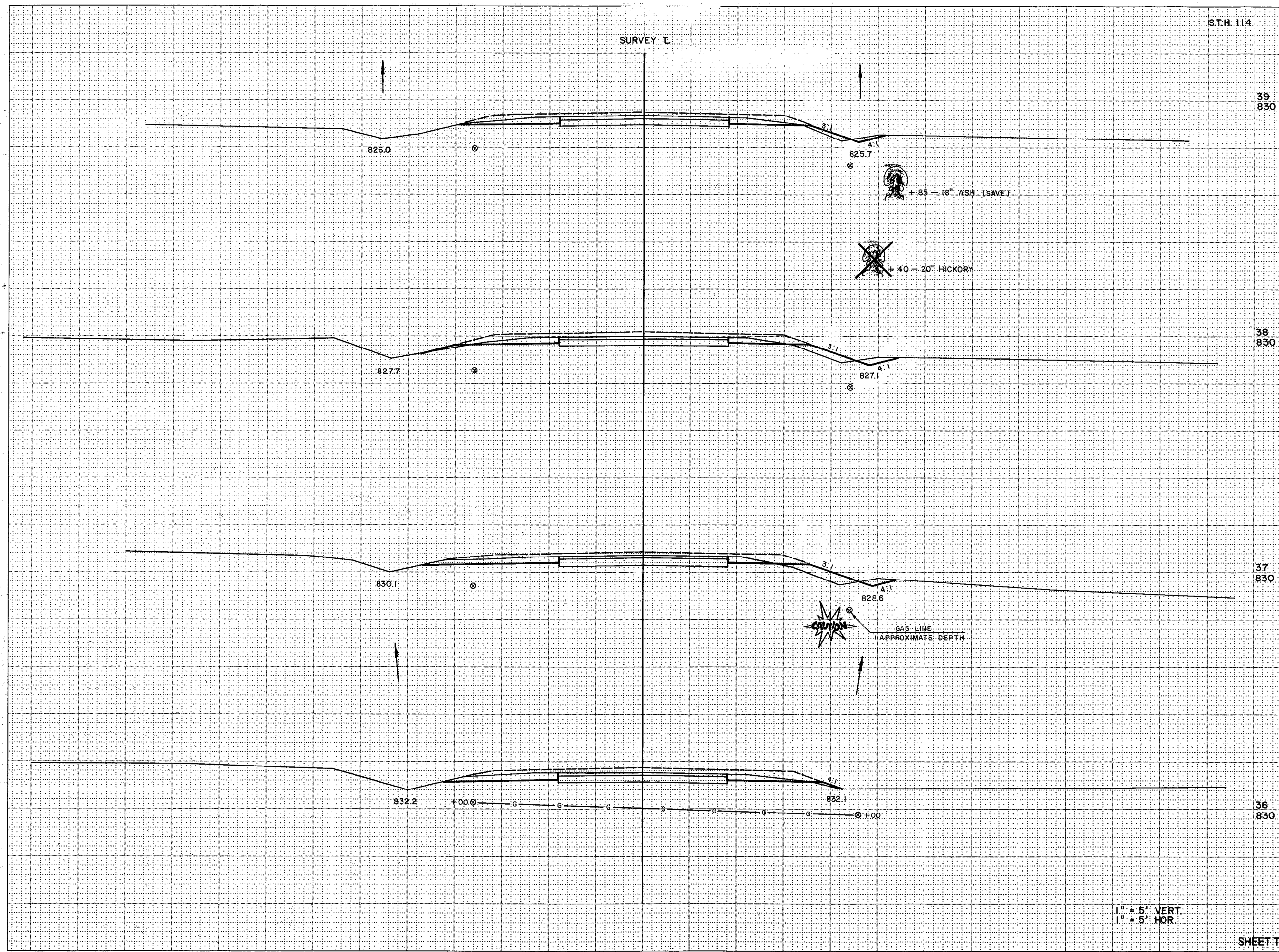
SHEET TOTAL

SURVEY I.

S.T.H. 114

STATE PROJECT NUMBER
6550-1-71

SHEET NUMBER
94



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
39	830		
38	830		
37	830		
36	830		
SHEET TOTAL			

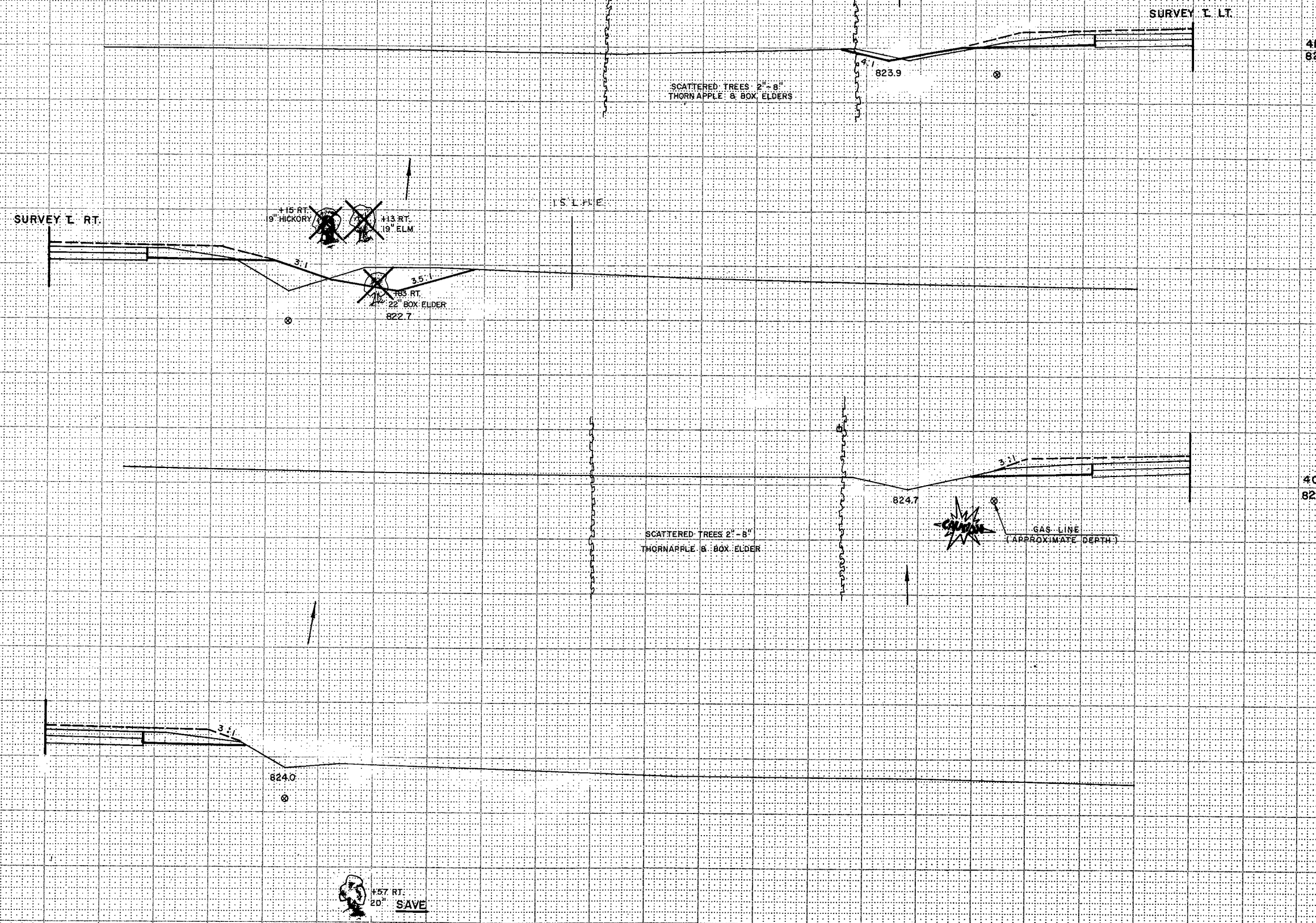
1" = 5' VERT
1" = 5' HOR

S.T.H. 114

STATE PROJECT NUMBER
6550-1-71

SHEET NUMBER
95

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
41	825		
40	825		
40	825		
SHEET TOTAL			



41
825

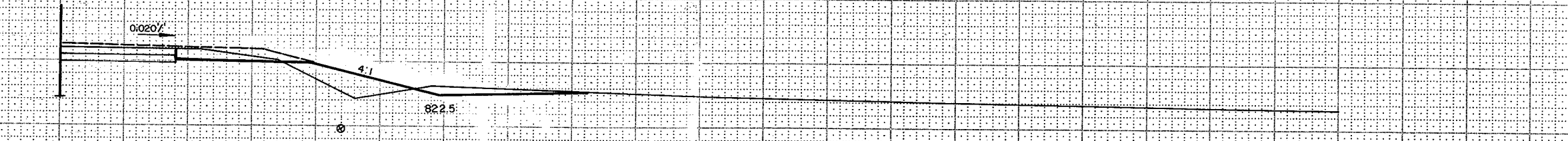
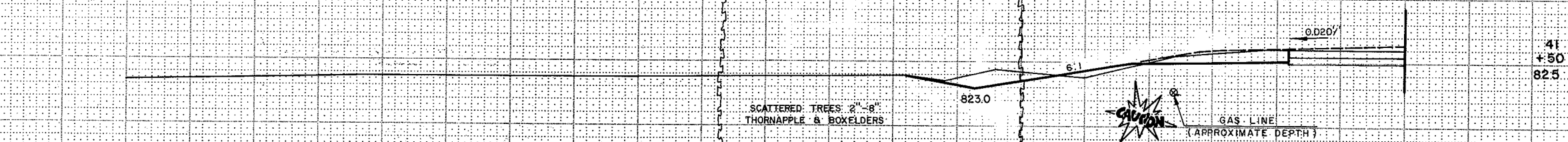
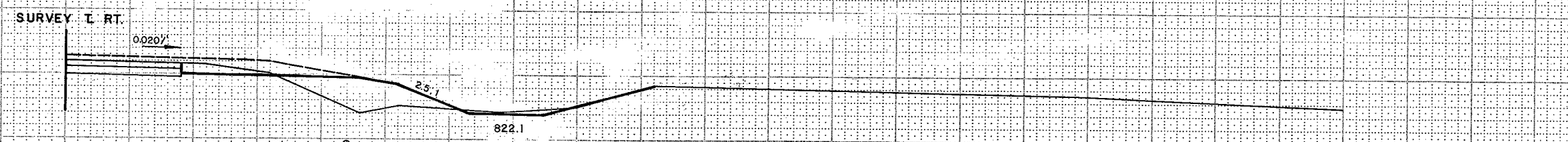
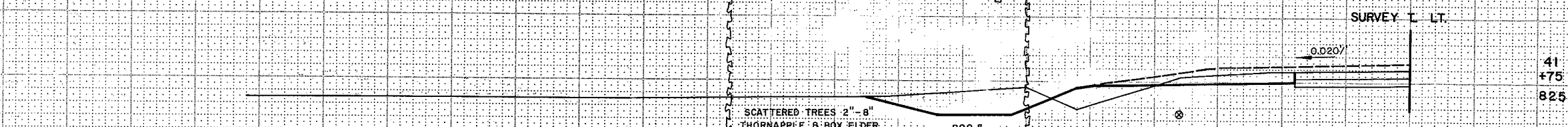
40
825

1" = 5' VERT.
1" = 5' HOR.

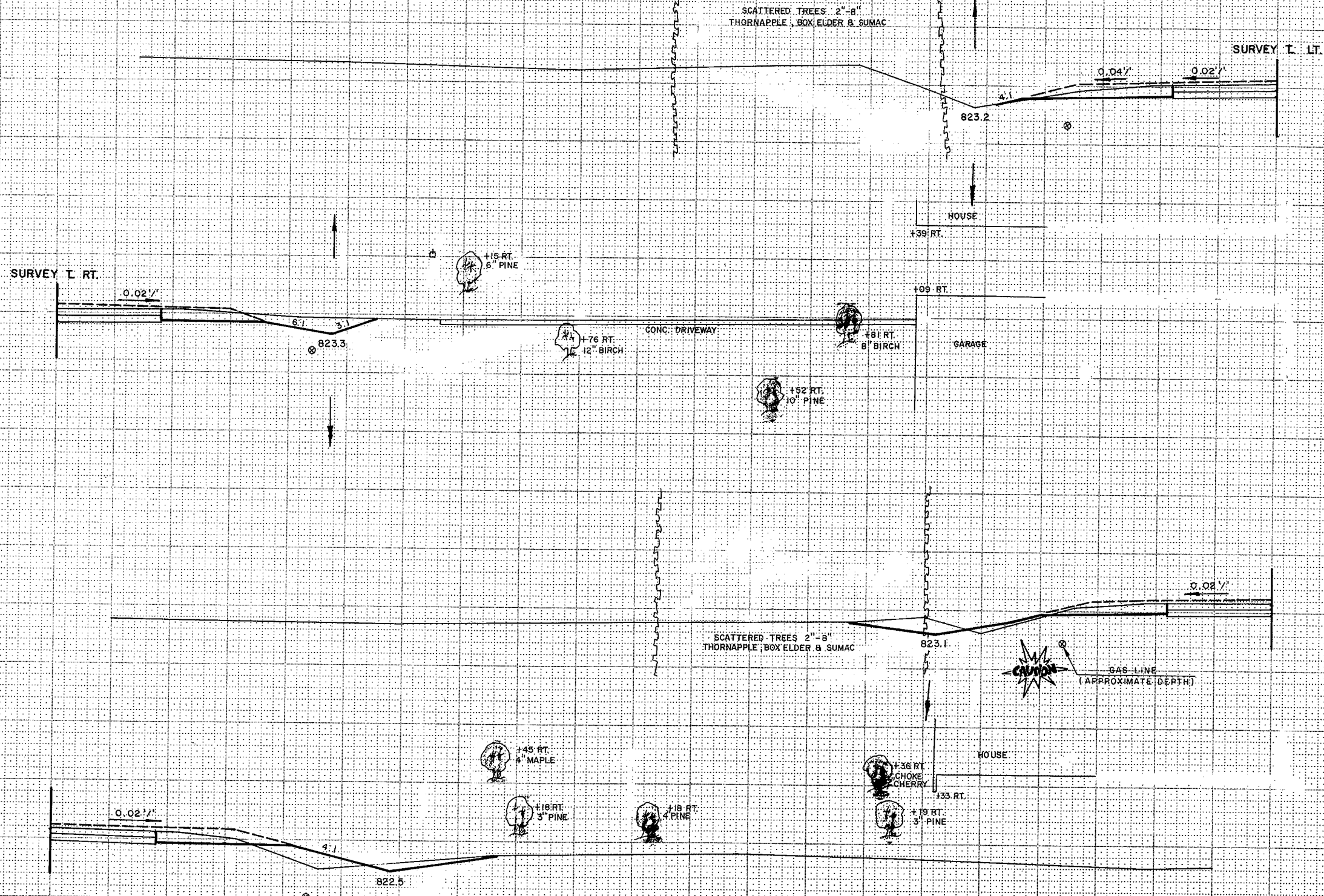
S.T.H. 114

STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	96

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
41+75	825		
41+50	825		
41+50	825		
SHEET TOTAL			



1" = 5' VERT.
1" = 5' HOR.



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
43	825		
42	825		

1" = 5' VERT.
1" = 5' HOR.

SHEET TOTAL

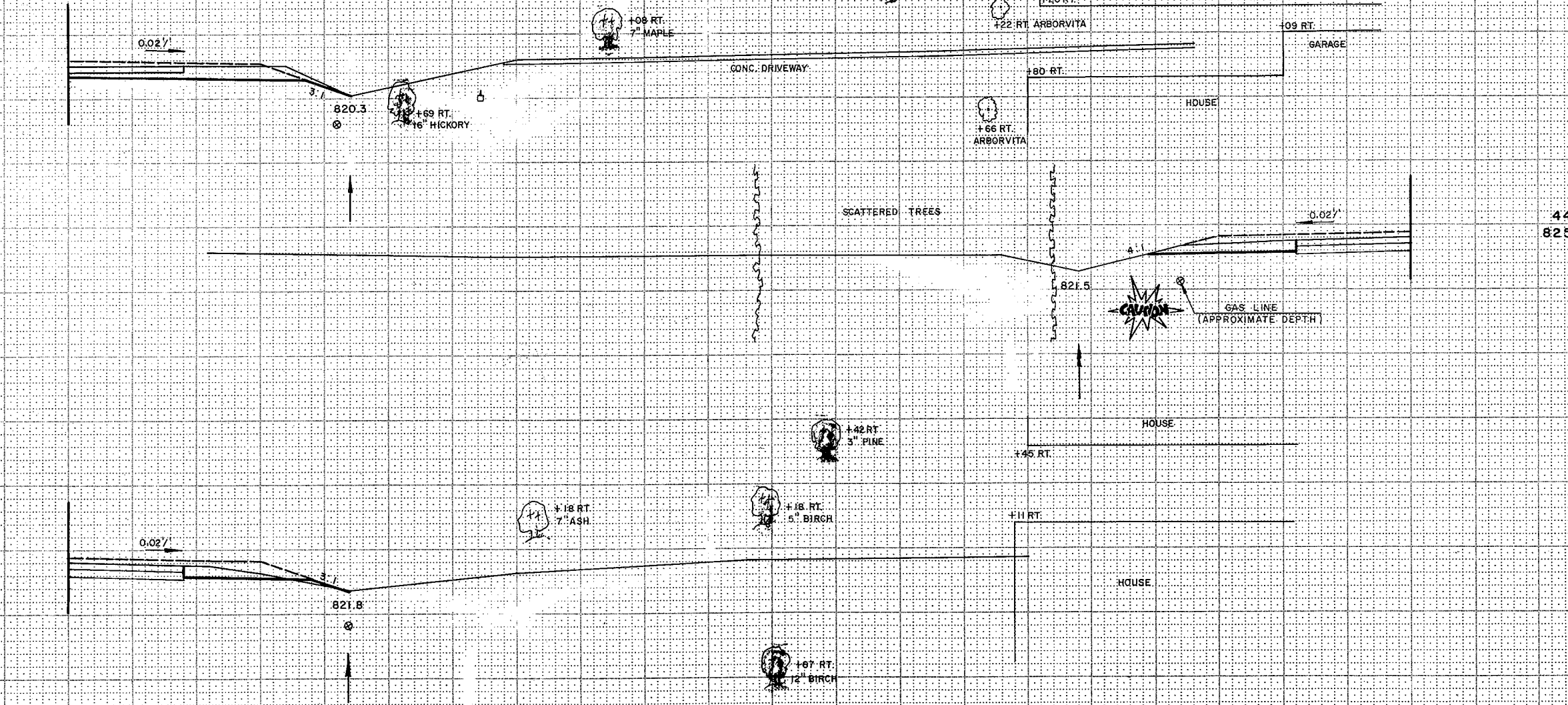
S.T.H. 114

STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	98

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
45	825		
44	825		
44	825		
SHEET TOTAL			

SURVEY T. RT.

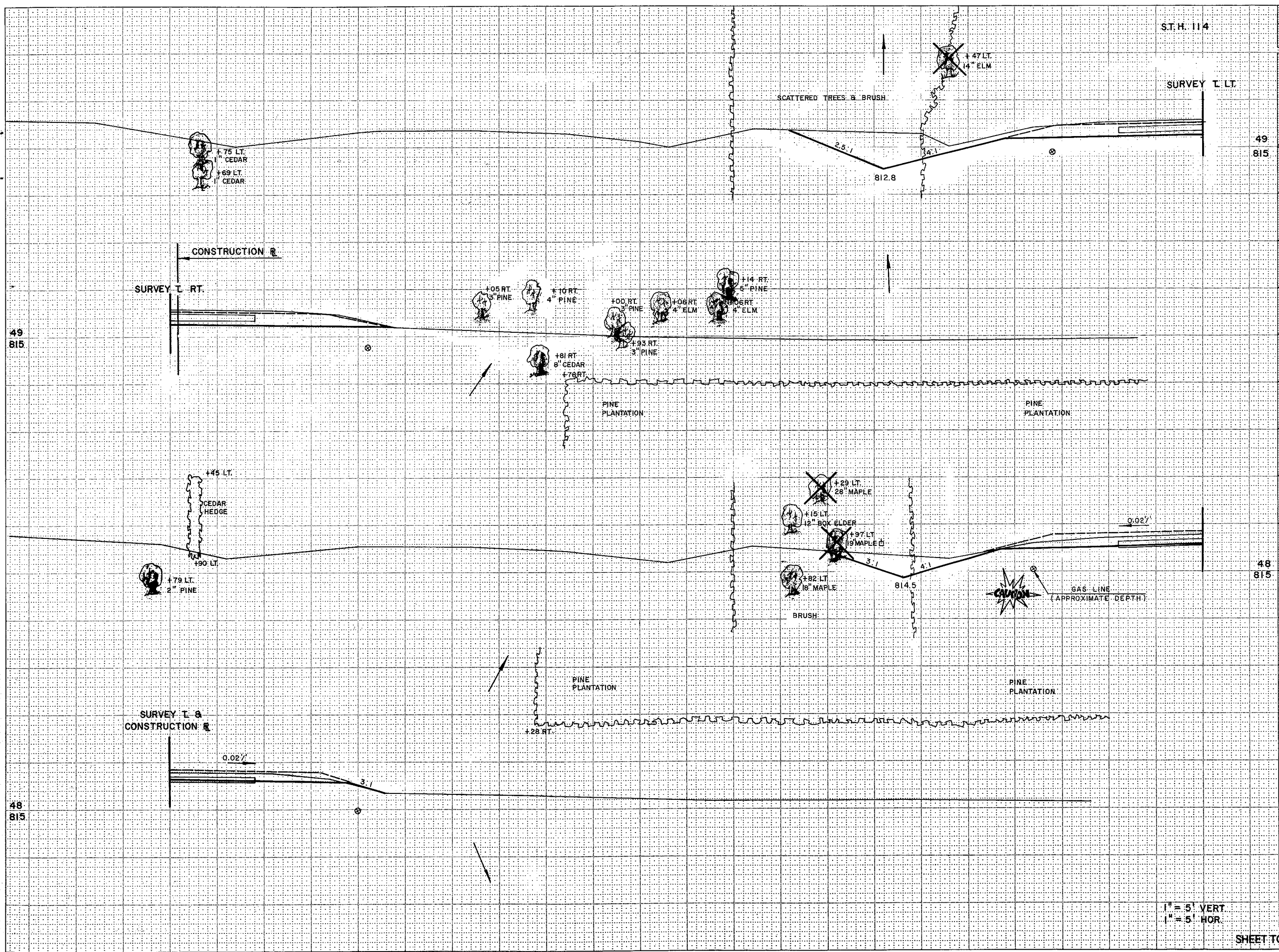
SURVEY T. LT.



1" = 5' VERT.
 1" = 5' HOR.

SHEET TOTAL

S.T.H. 114

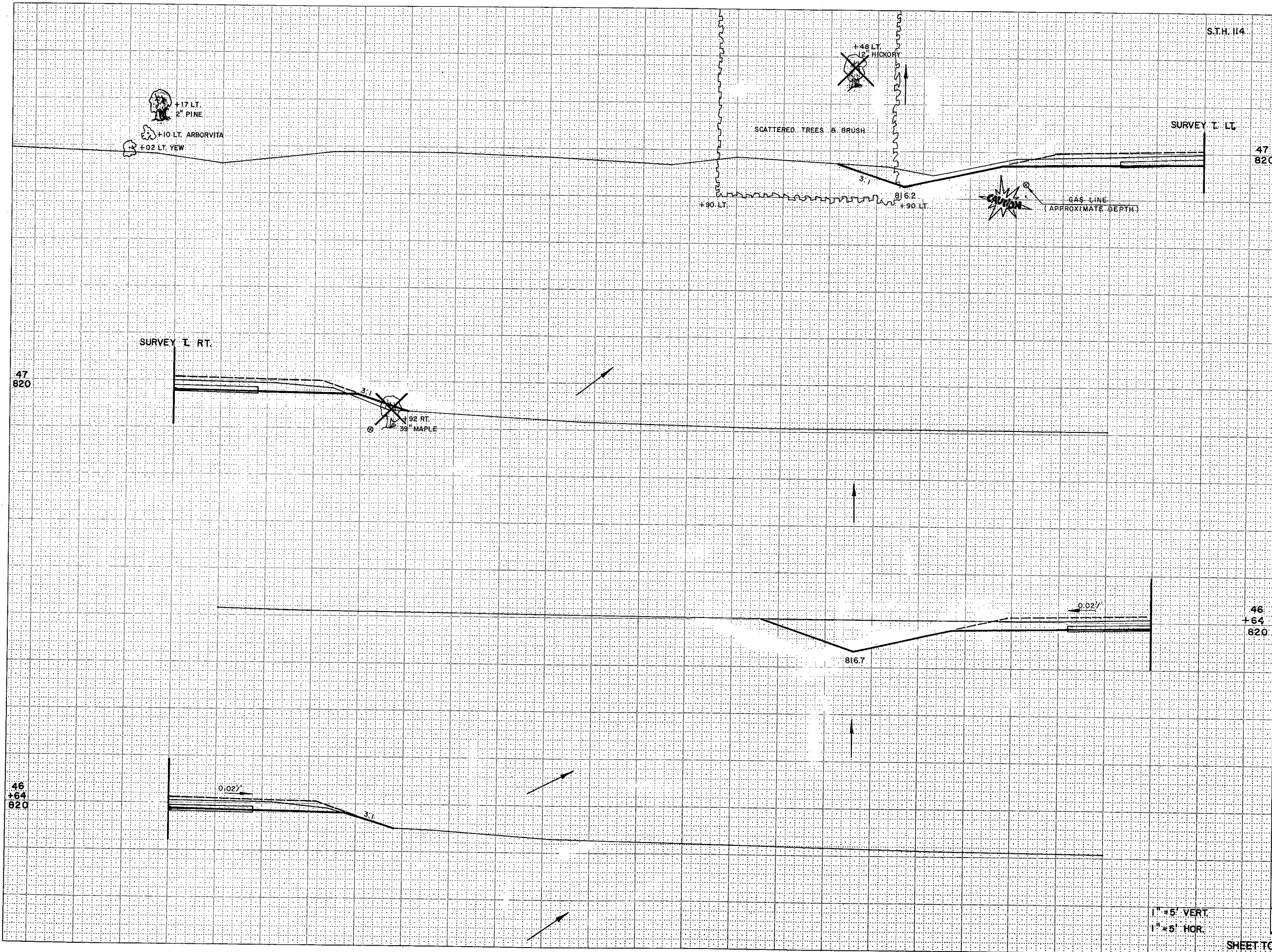


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
49+815			
48+815			
SHEET TOTAL			

1" = 5' VERT.
1" = 5' HOR.

S.T.H. 114

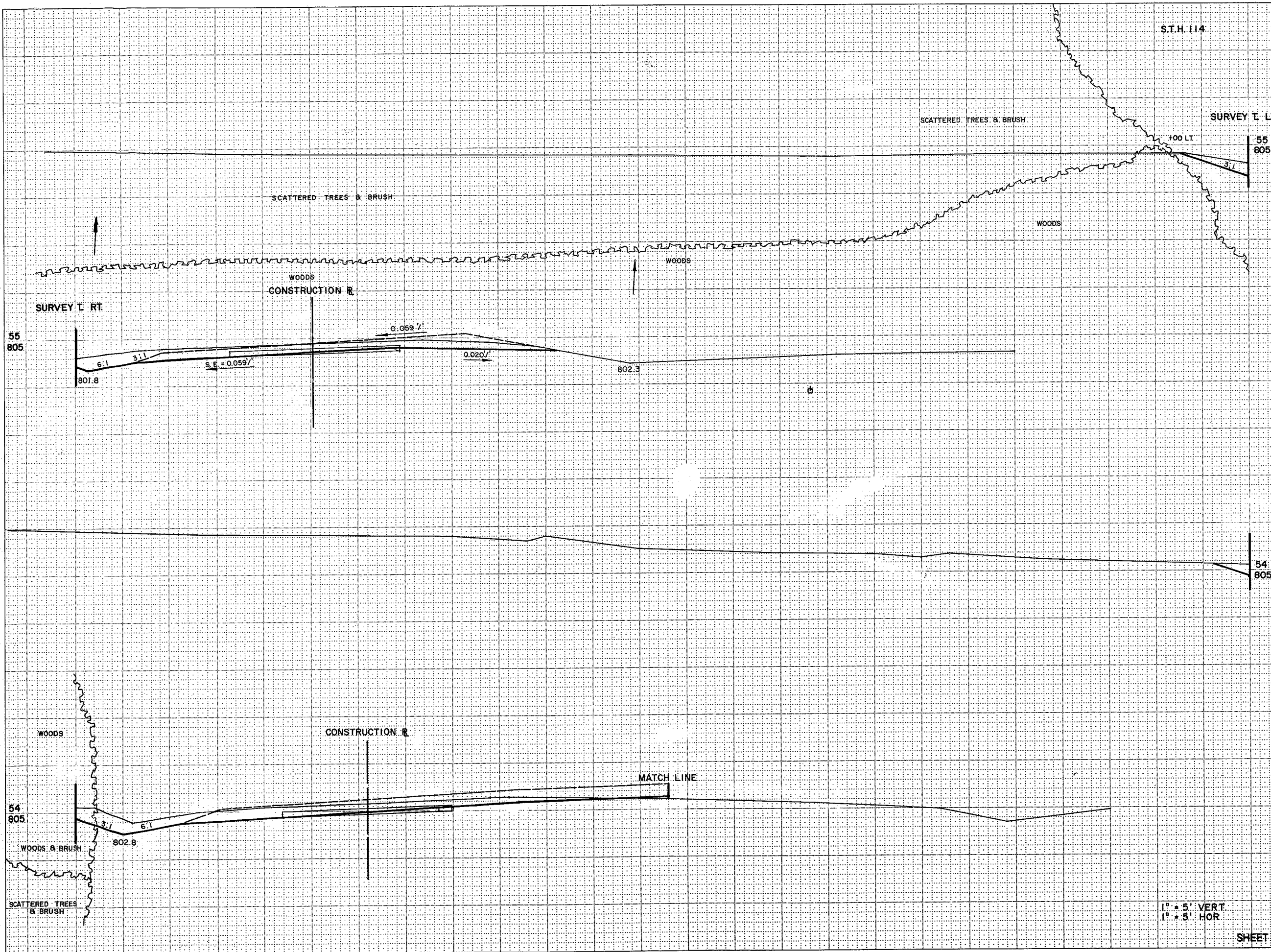
STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	9/11



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
47	820		
46	64		
46	820		
SHEET TOTAL			

1" = 5' VERT.
1" = 5' HOR.

S.T.H. 114

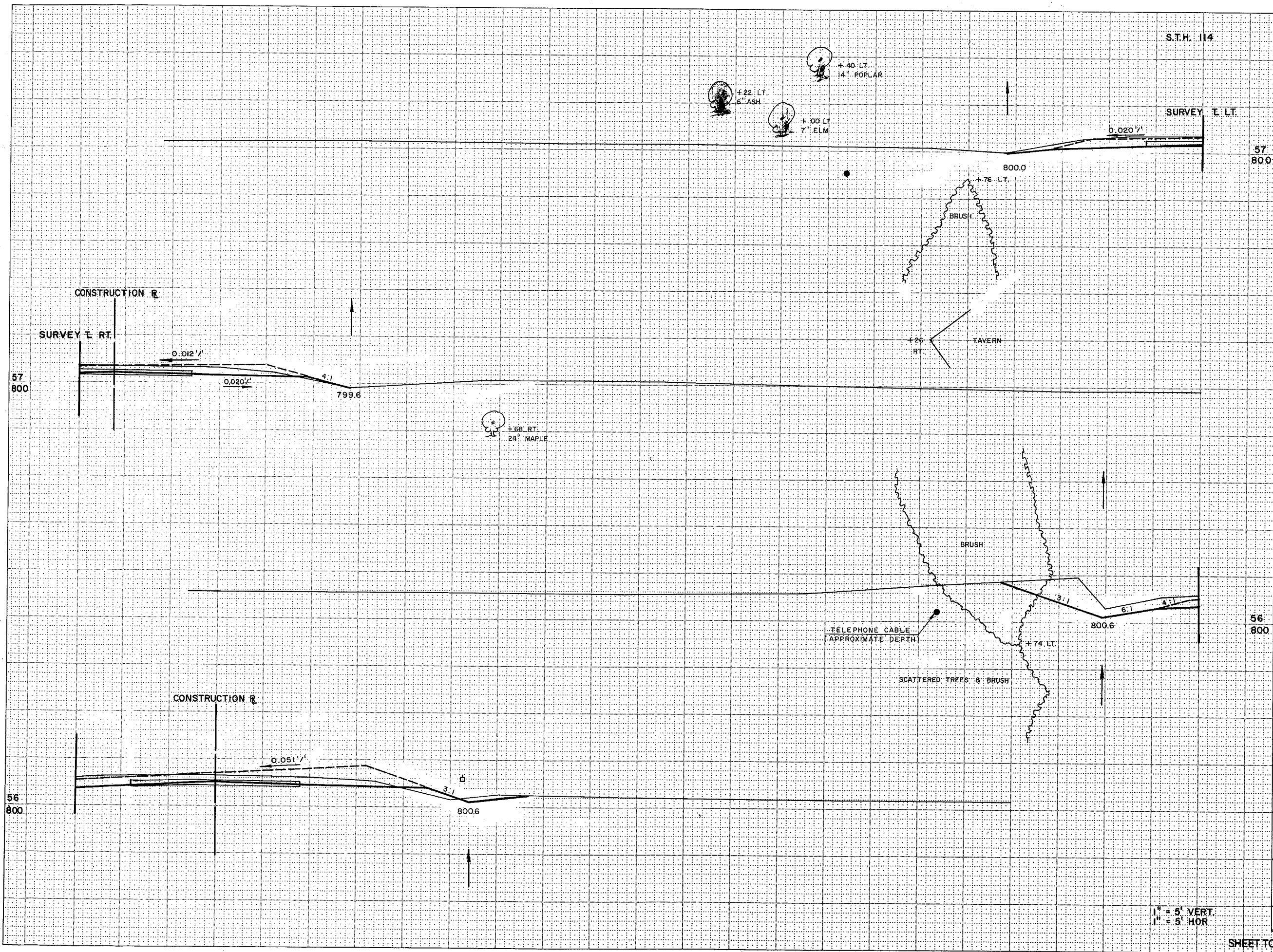


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
55 805			
54 805			

1" = 5' VERT.
1" = 5' HOR.

SHEET TOTAL

S.T.H. 114

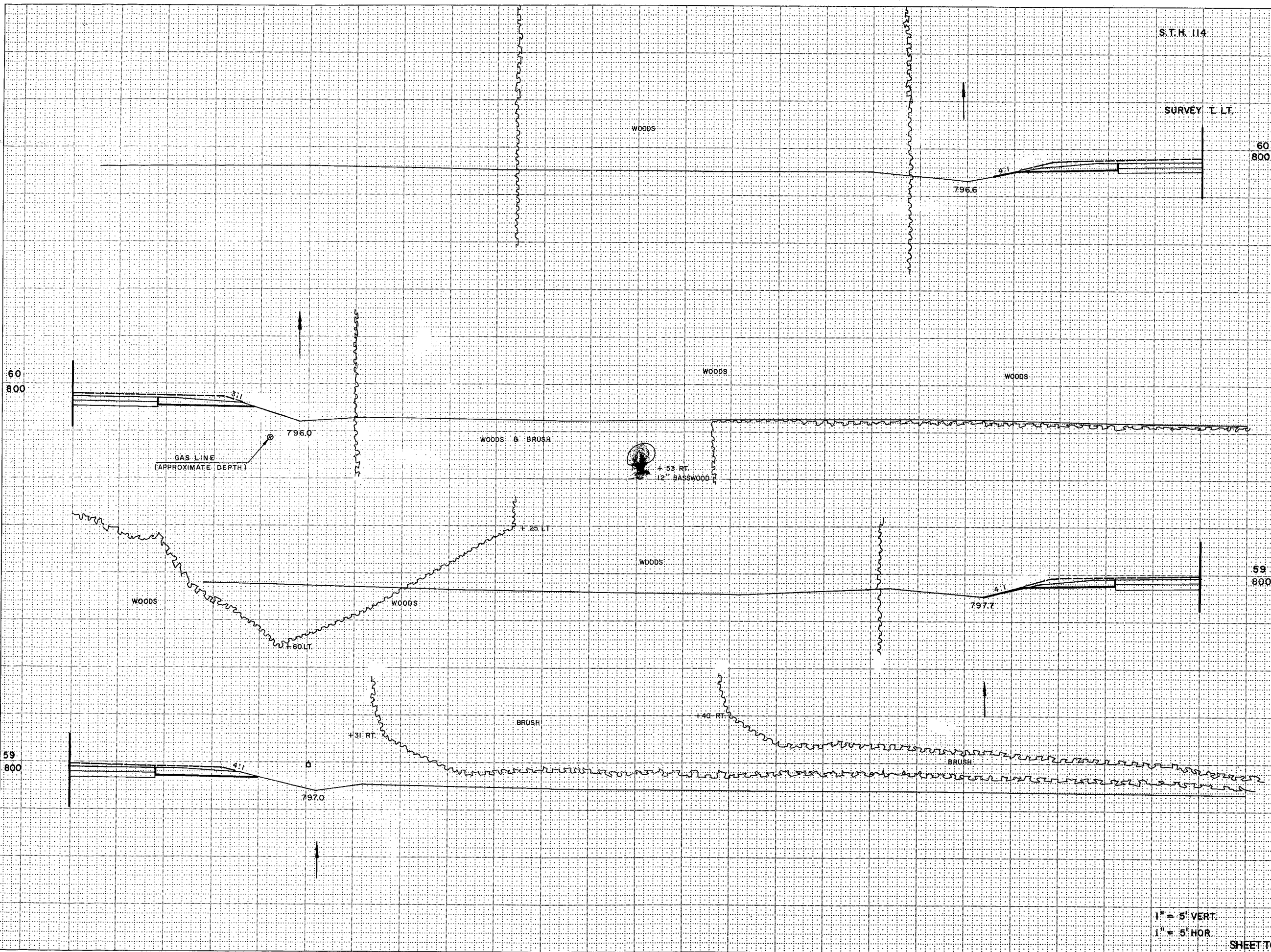


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
57+800			
56+800			
800.6			
SHEET TOTAL			

1" = 5' VERT.
 1" = 5' HOR.

S.T.H. 114

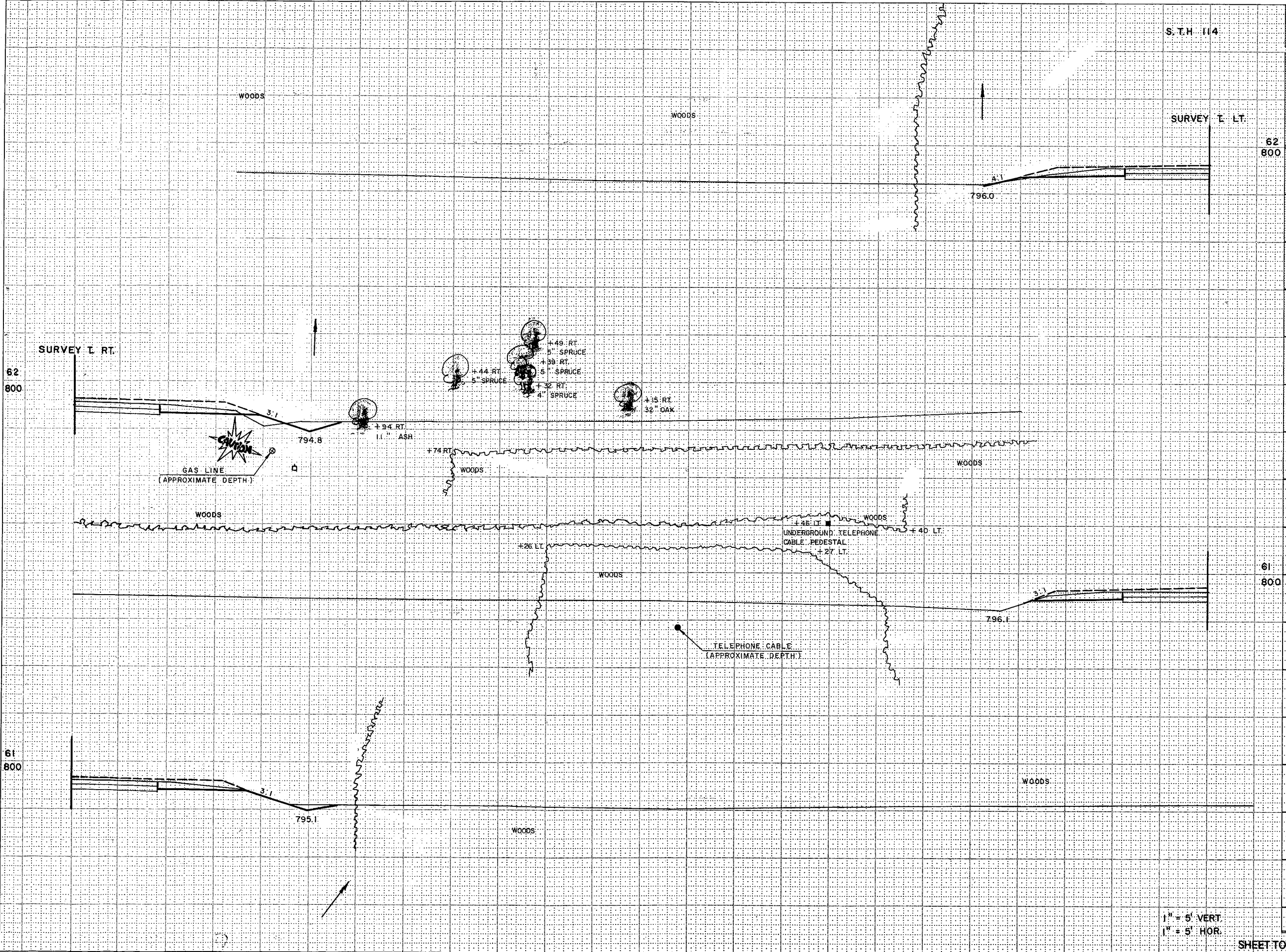
SURVEY T. LT.



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
60+800			
59+800			
59+800			
SHEET TOTAL			

1" = 5' VERT.
1" = 5' HOR.

S.T.H. 114

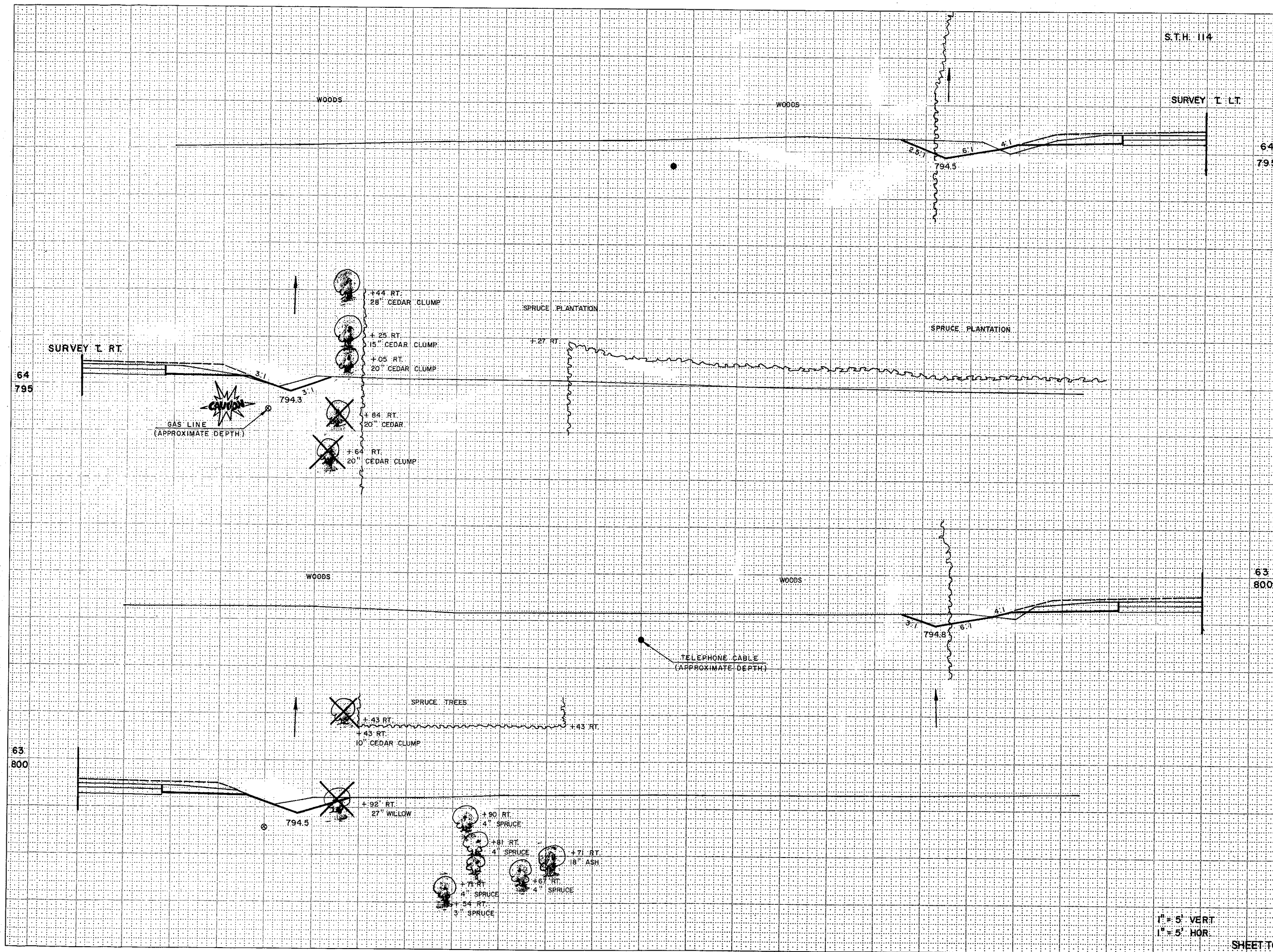


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
62	800		
61	800		

1" = 5' VERT
1" = 5' HOR.

SHEET TOTAL

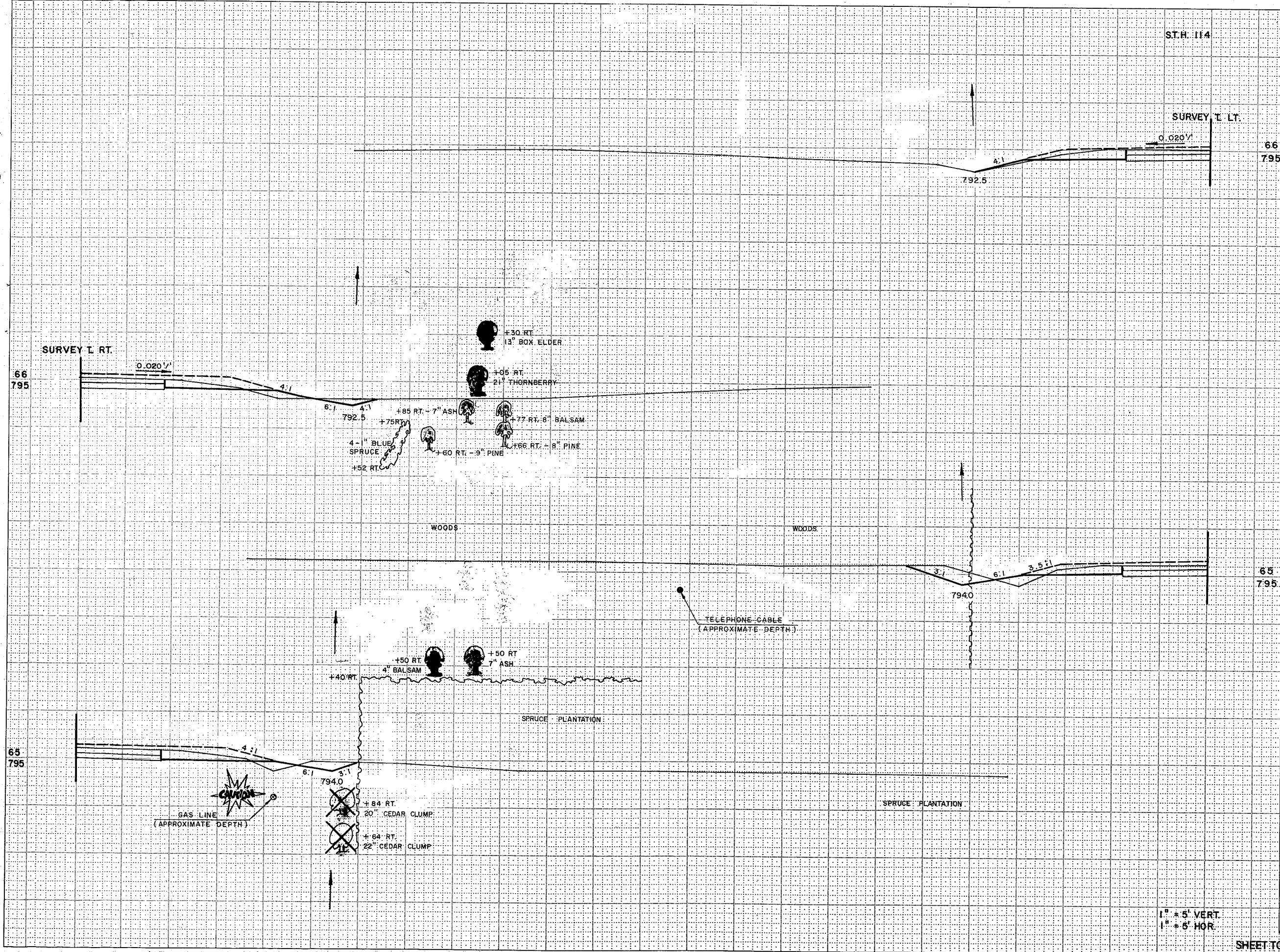
S.T.H. 114



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
64+795			
63+800			
SHEET TOTAL			

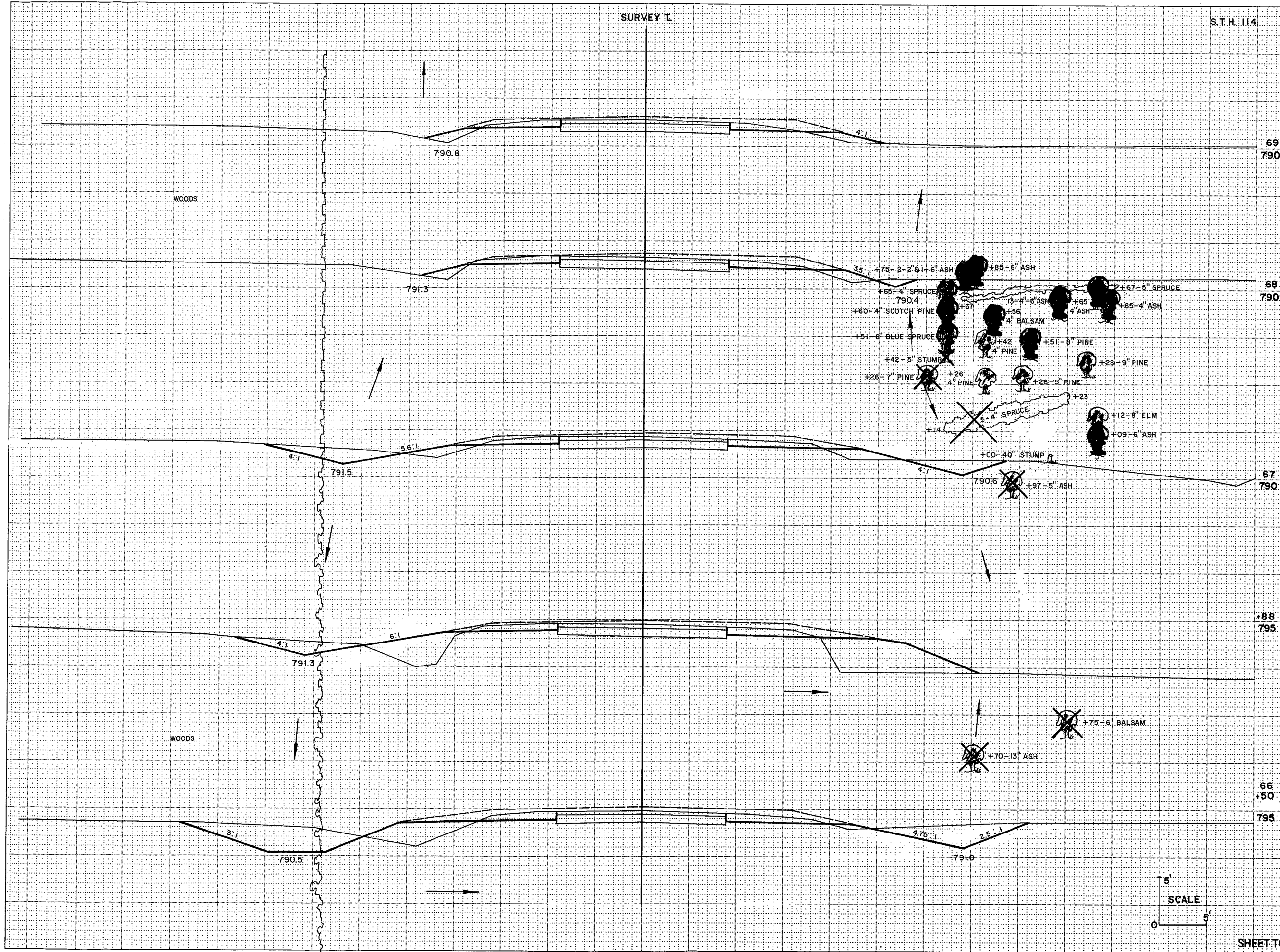
1" = 5' VERT
 1" = 5' HOR.

ST.H. 114



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
66	795		
65	795		
SHEET TOTAL			

1" = 5' VERT.
1" = 5' HOR.

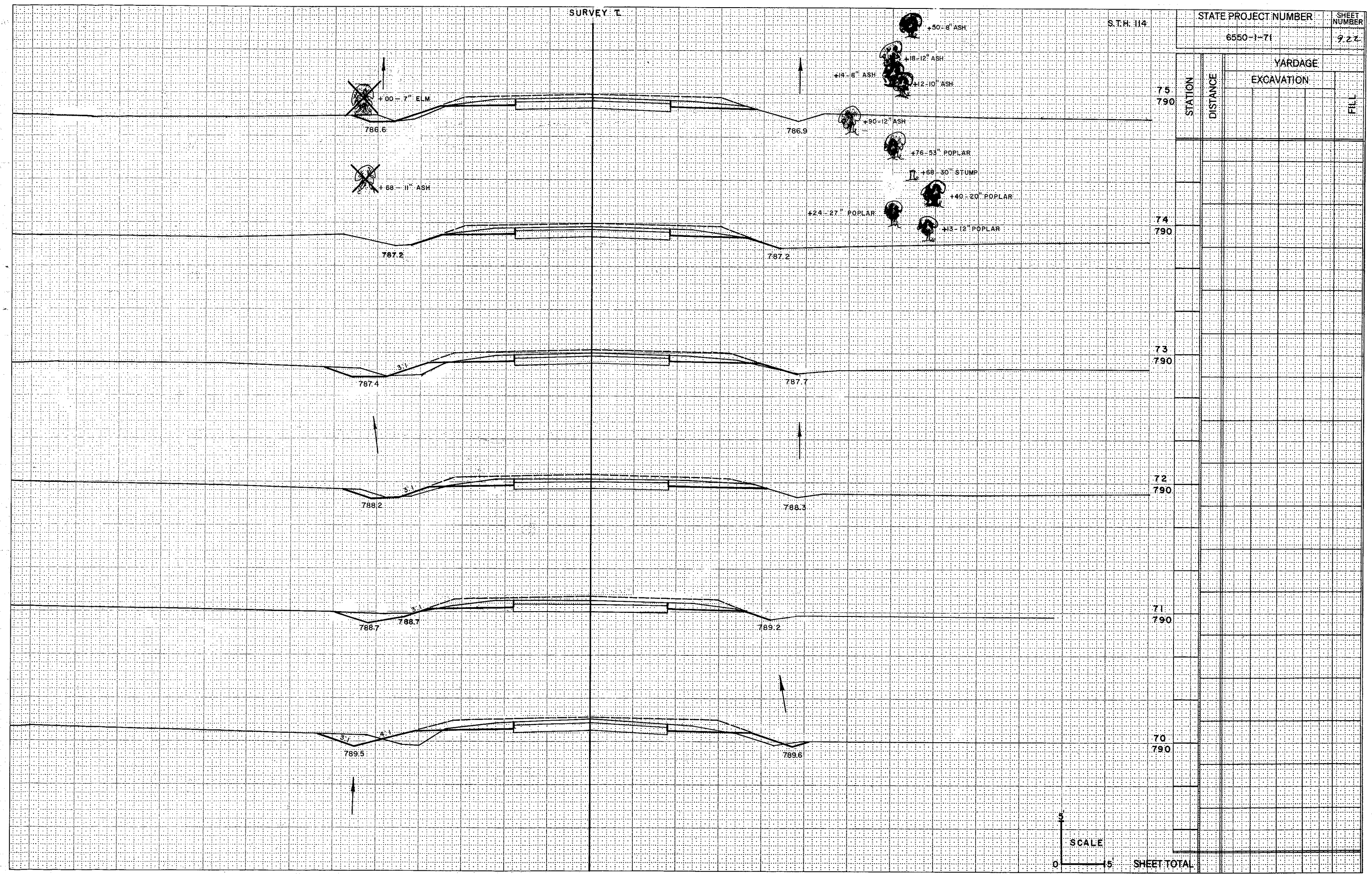


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
69	790		
68	790		
67	790		
66	795		
66	50		
66	795		
SHEET TOTAL			

SURVEY T

S.T.H. 114

STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	922



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
75	790		
74	790		
73	790		
72	790		
71	790		
70	790		

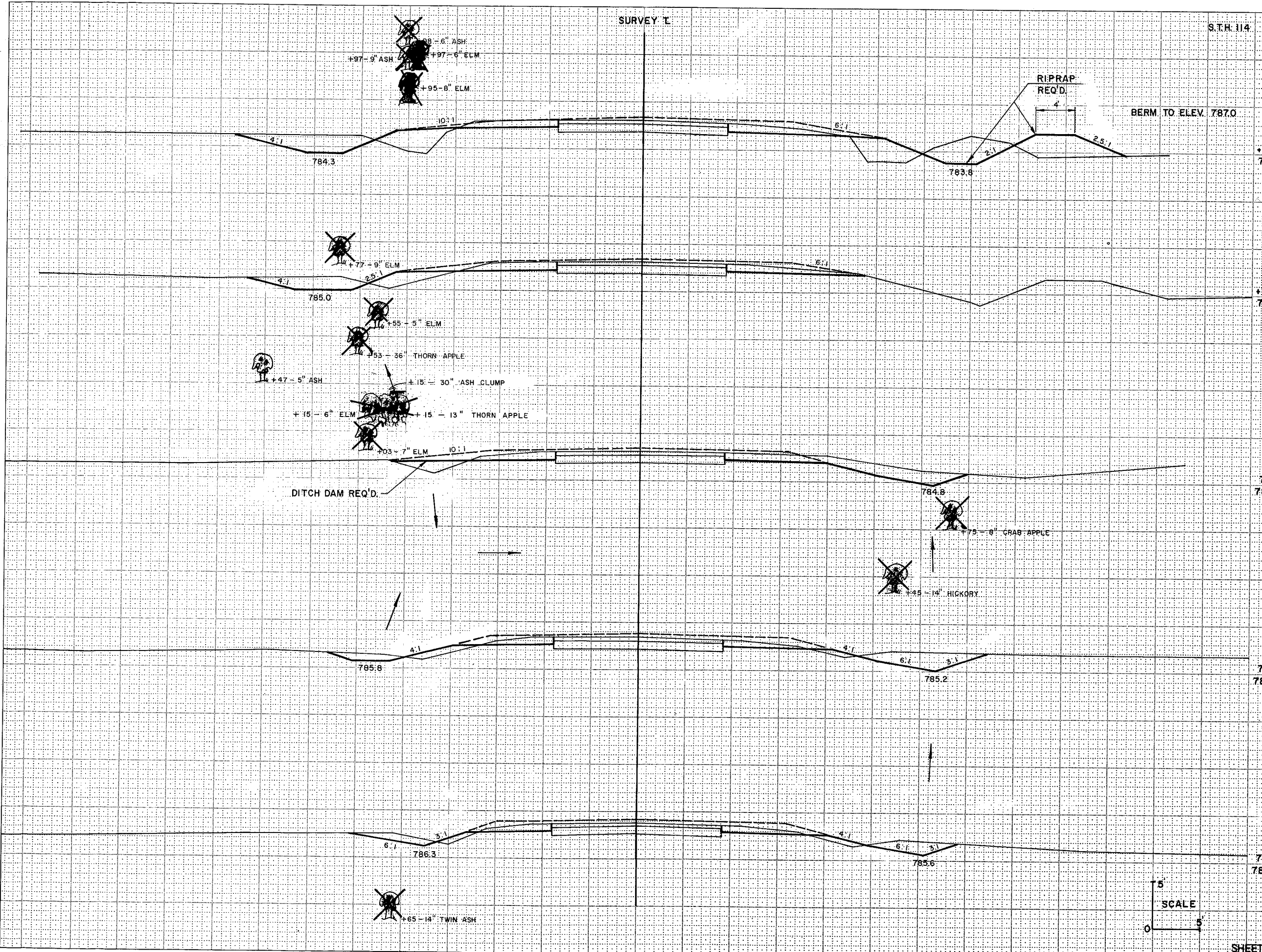
SCALE
0 5

SHEET TOTAL

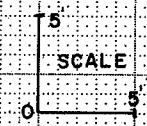
SURVEY T

S.T.H. 114

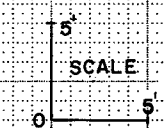
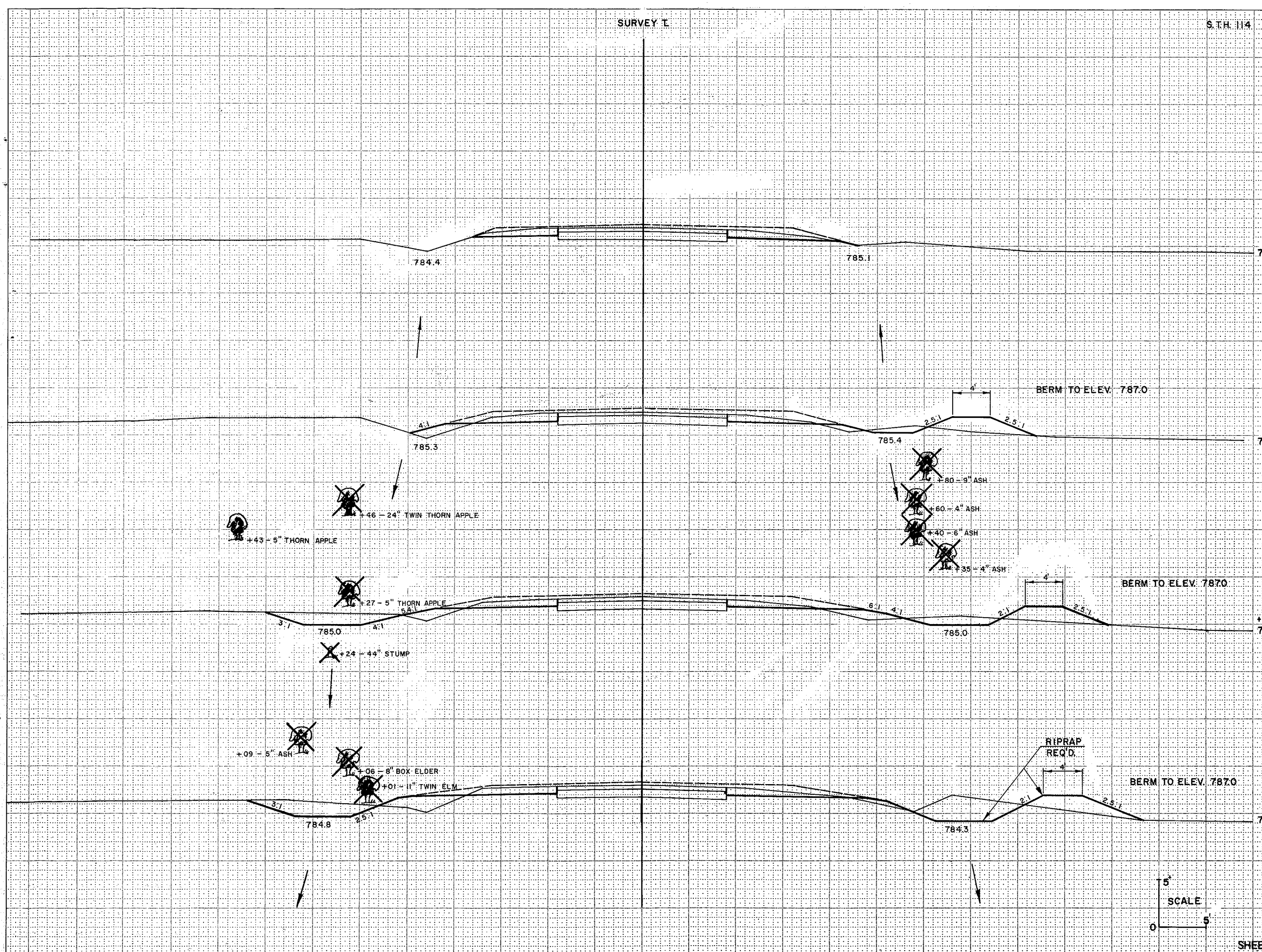
STATE PROJECT NUMBER: 6550-1-71
SHEET NUMBER: 223



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
785	91		
785	75		
785	78		
785	77		
785	76		
SHEET TOTAL			



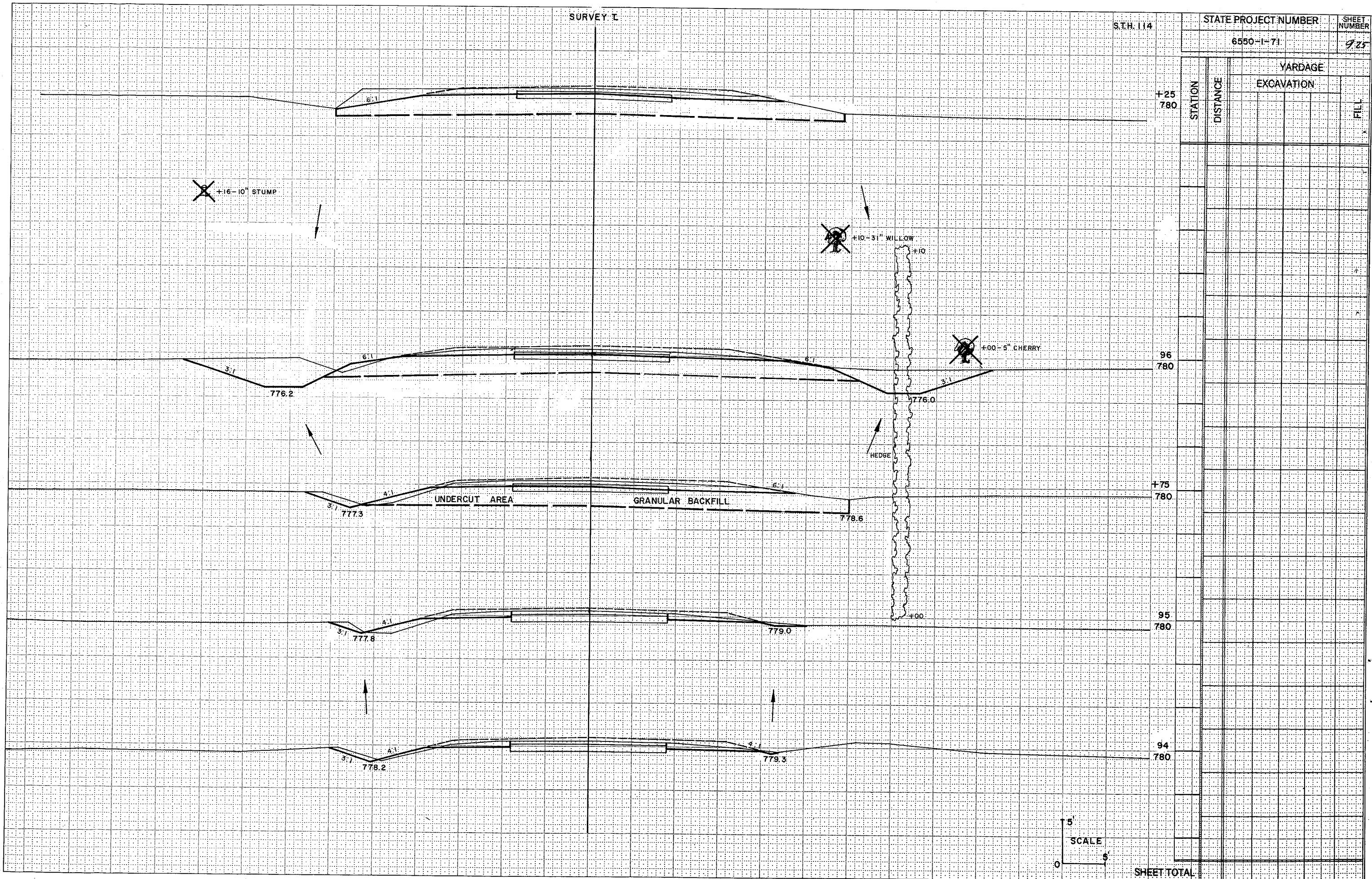
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
81			
80			
+25			
79			
SHEET TOTAL			



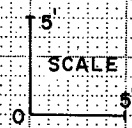
SURVEY I

S.T.H. 114

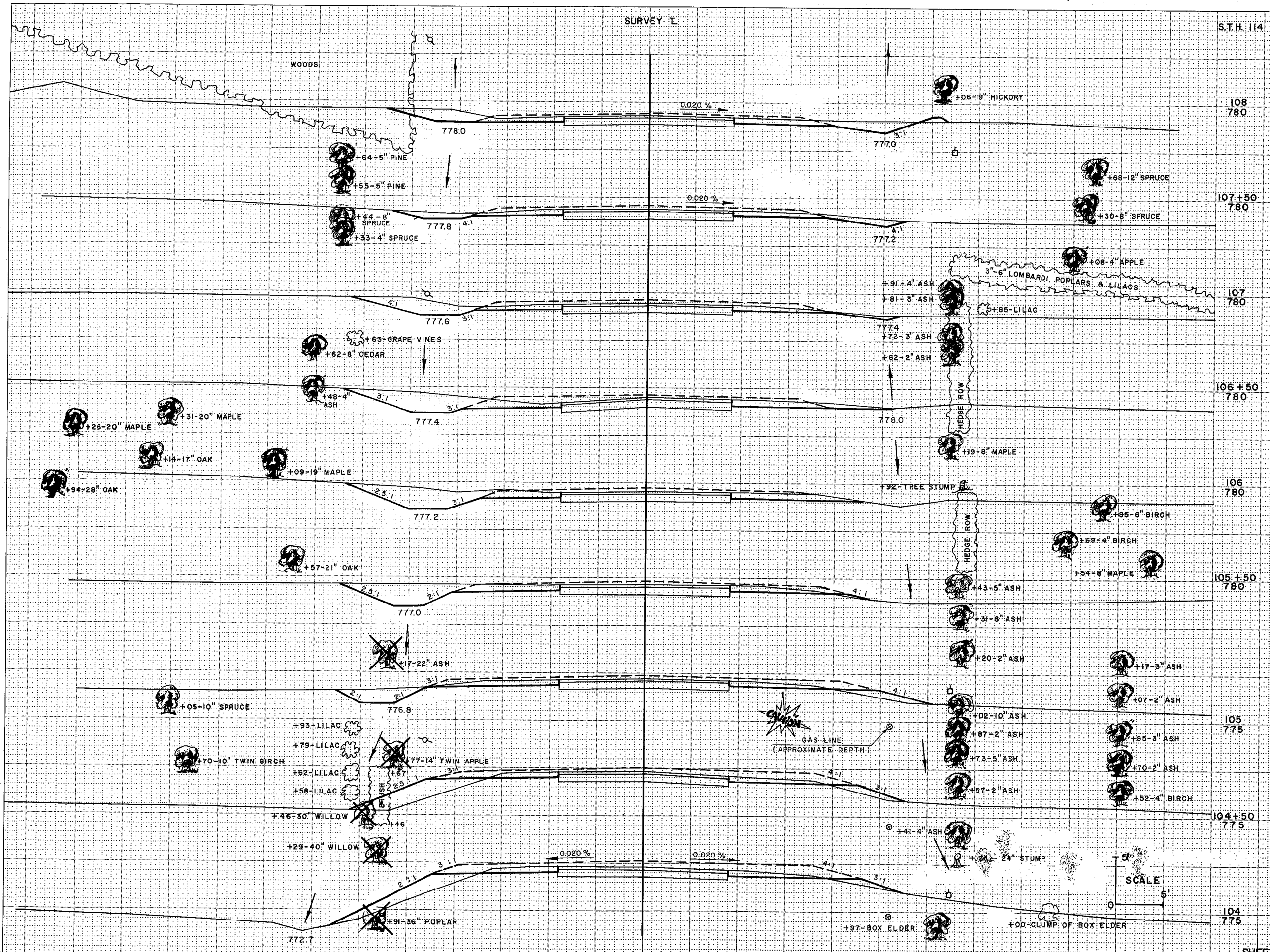
STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	925



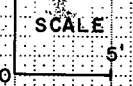
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
780+25			
780+96			
780+75			
780+95			
780+94			

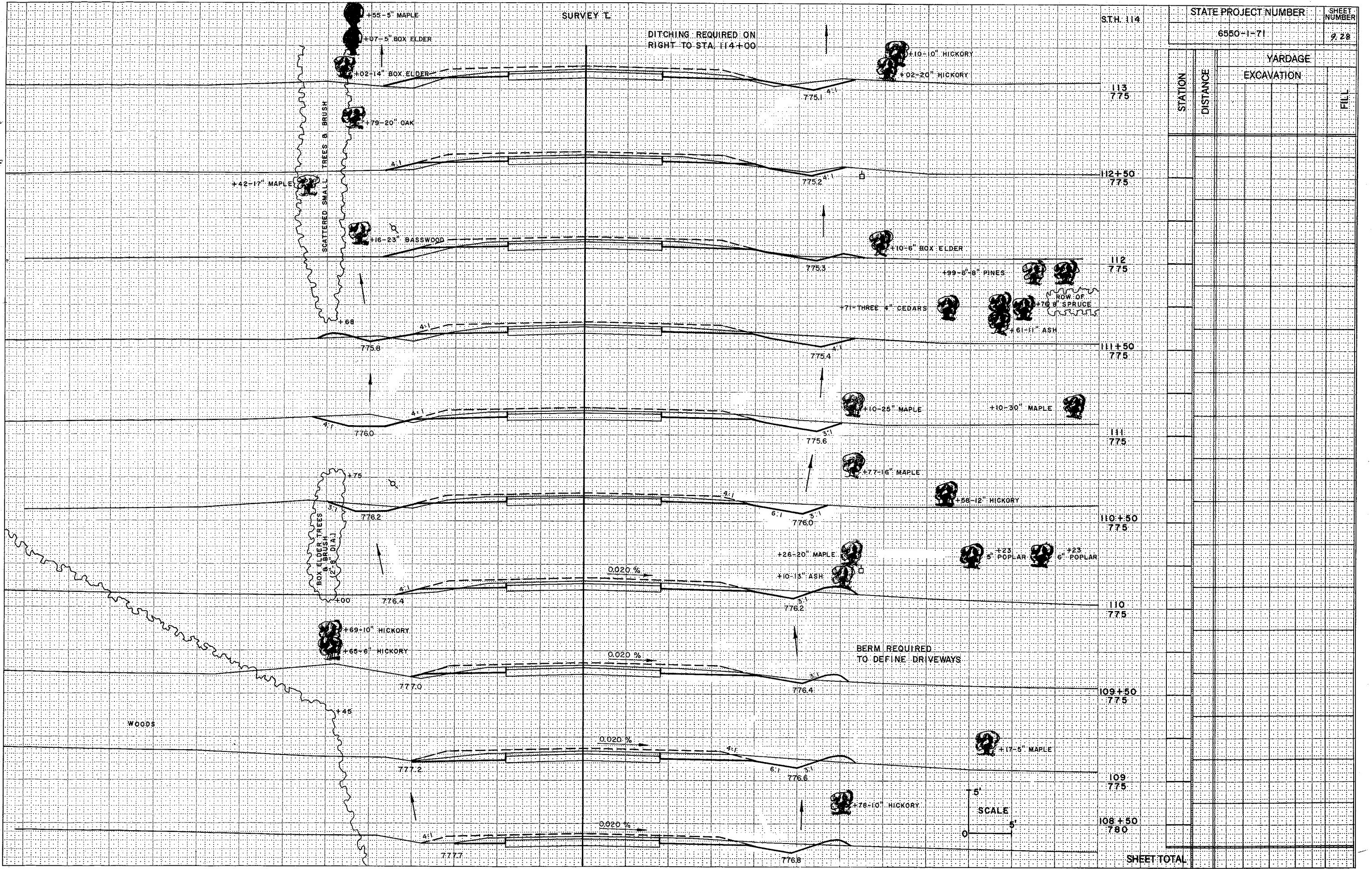


SHEET TOTAL



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
108+75			
107+50			
107+75			
106+50			
106+75			
105+50			
105+75			
104+50			
104+75			
SHEET TOTAL			





STATE PROJECT NUMBER		SHEET NUMBER	
6550-1-71		28	
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
113	775		
112+50	775		
112	775		
111+50	775		
111	775		
110+50	775		
110	775		
109+50	775		
109	775		
108+50	780		
SHEET TOTAL			

SURVEY T

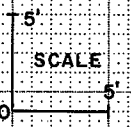
S.T.H. 114

DITCHING REQUIRED ON RIGHT TO STA. 114+00

BERM REQUIRED TO DEFINE DRIVEWAYS

WOODS

SCALE



SURVEY I

S.T.H. 114

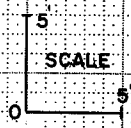
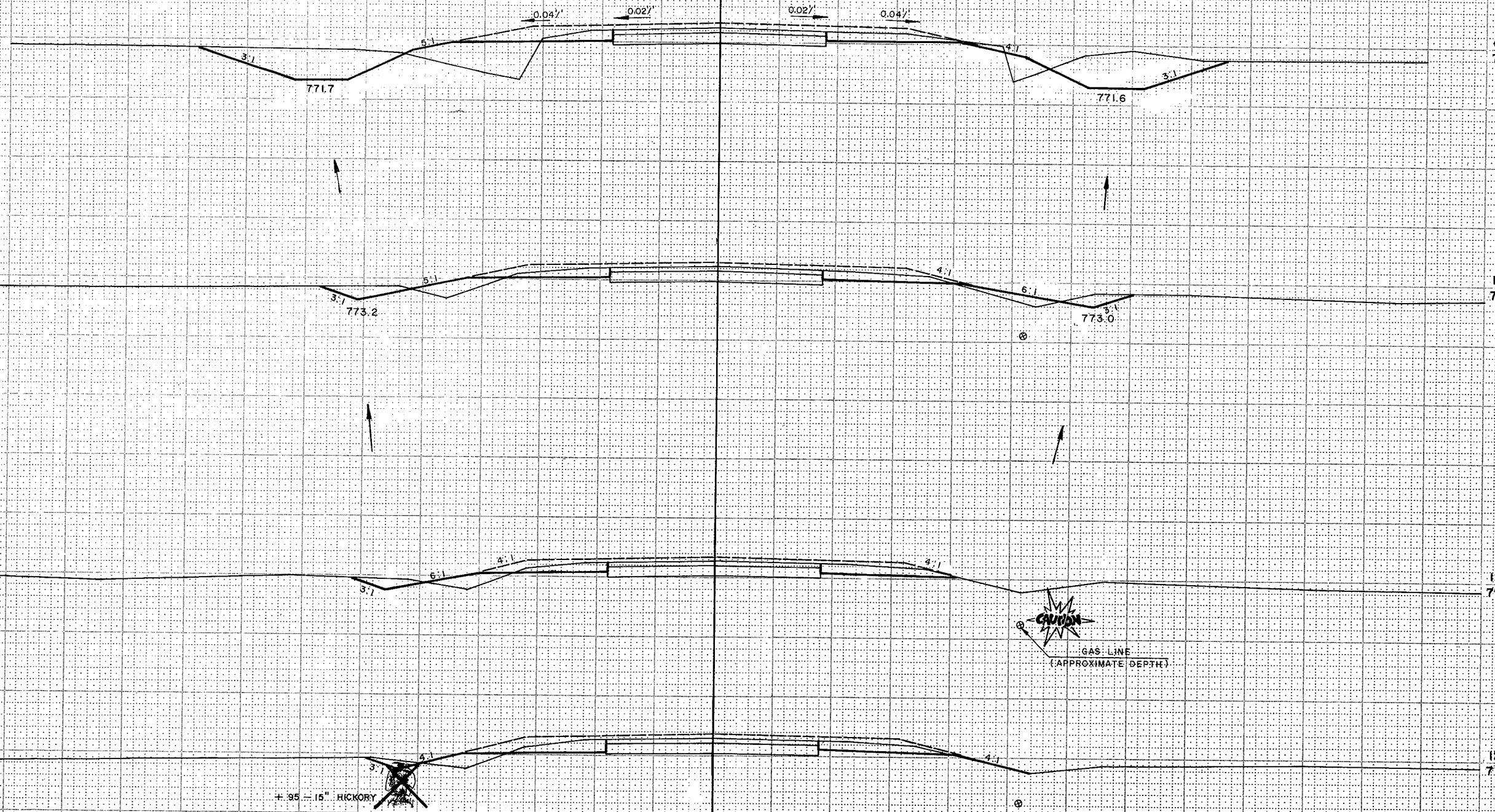
STATE PROJECT NUMBER

SHEET NUMBER

6550-1-71

9.29

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
+20			
775			
126			
775			
125			
775			
124			
775			
SHEET TOTAL			



SURVEY T

S.T.H. 114

STATE PROJECT NUMBER

SHEET NUMBER

6550-1-71

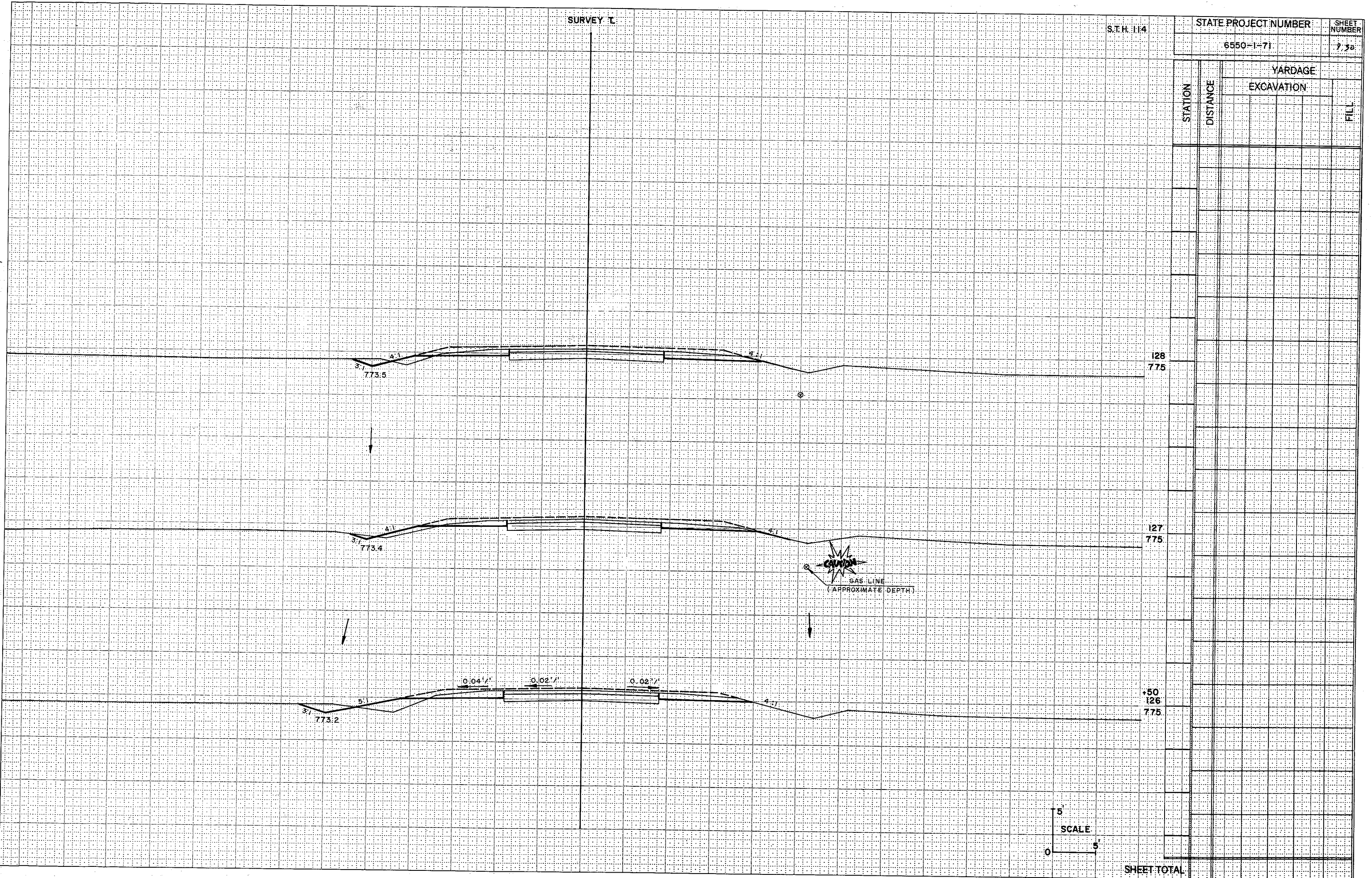
738

STATION

DISTANCE

YARDAGE
EXCAVATION

FILL



SURVEY T

S.T.H. 114

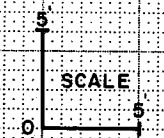
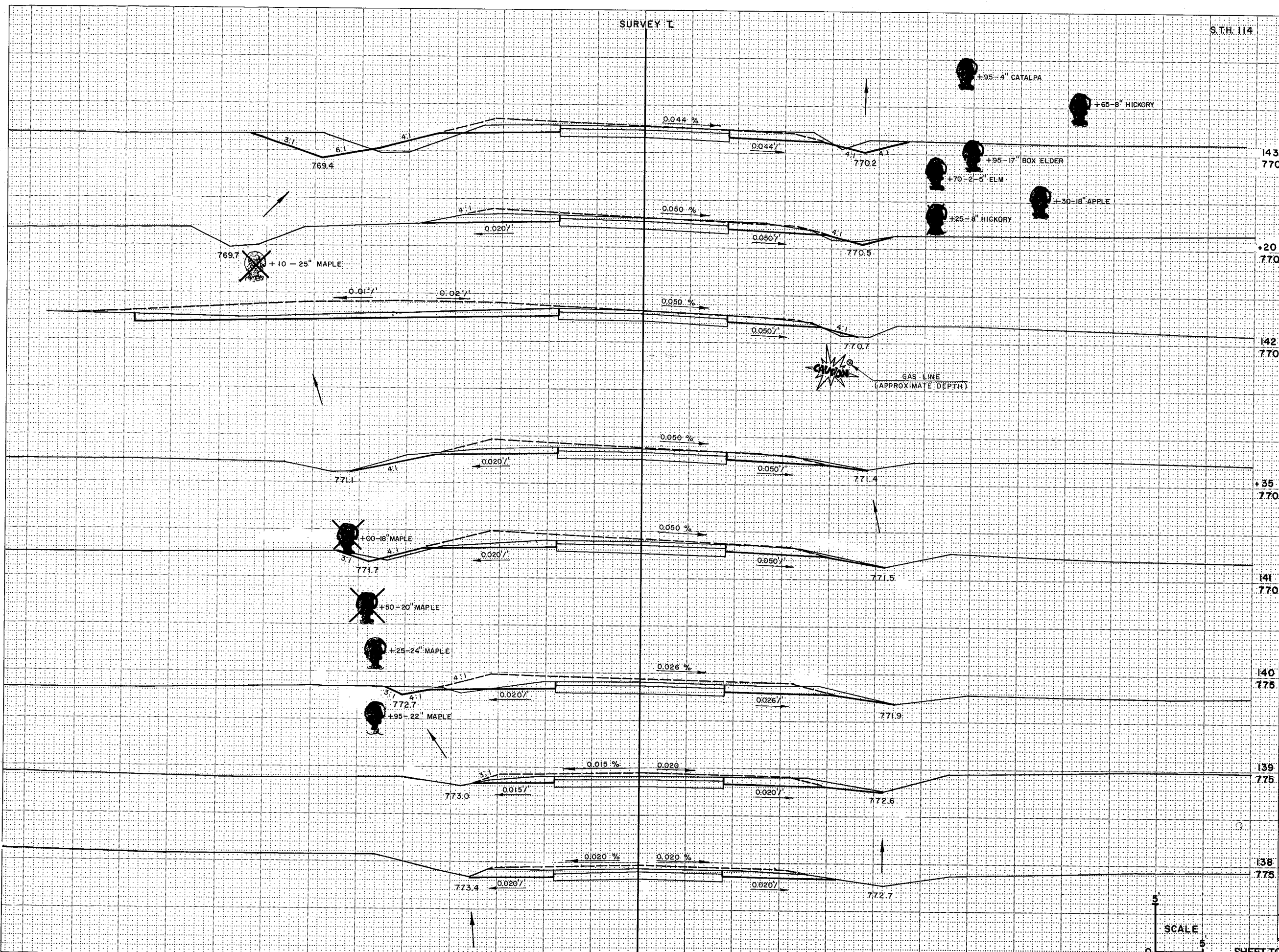
STATE PROJECT NUMBER

SHEET NUMBER

6550-1-71

9.31

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
143	770		
+20	770		
142	770		
+35	770		
141	770		
140	775		
139	775		
138	775		
SHEET TOTAL			



SURVEY 1

S.T.H. 114

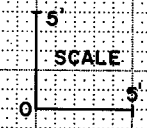
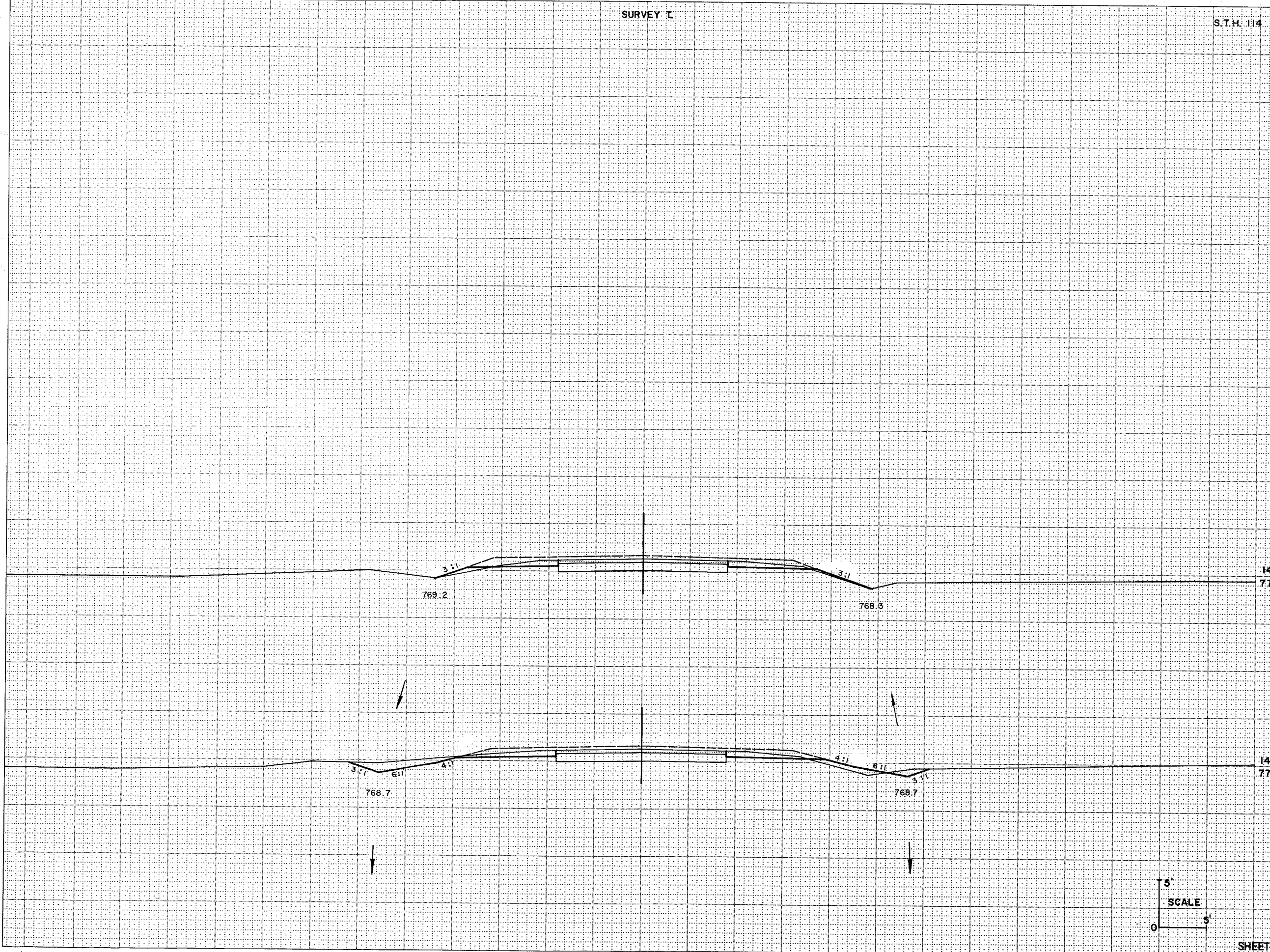
STATE PROJECT NUMBER:

6550-1-71

SHEET NUMBER:

933

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
148	770		
147	770		
SHEET TOTAL			



SURVEY I

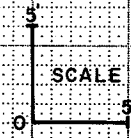
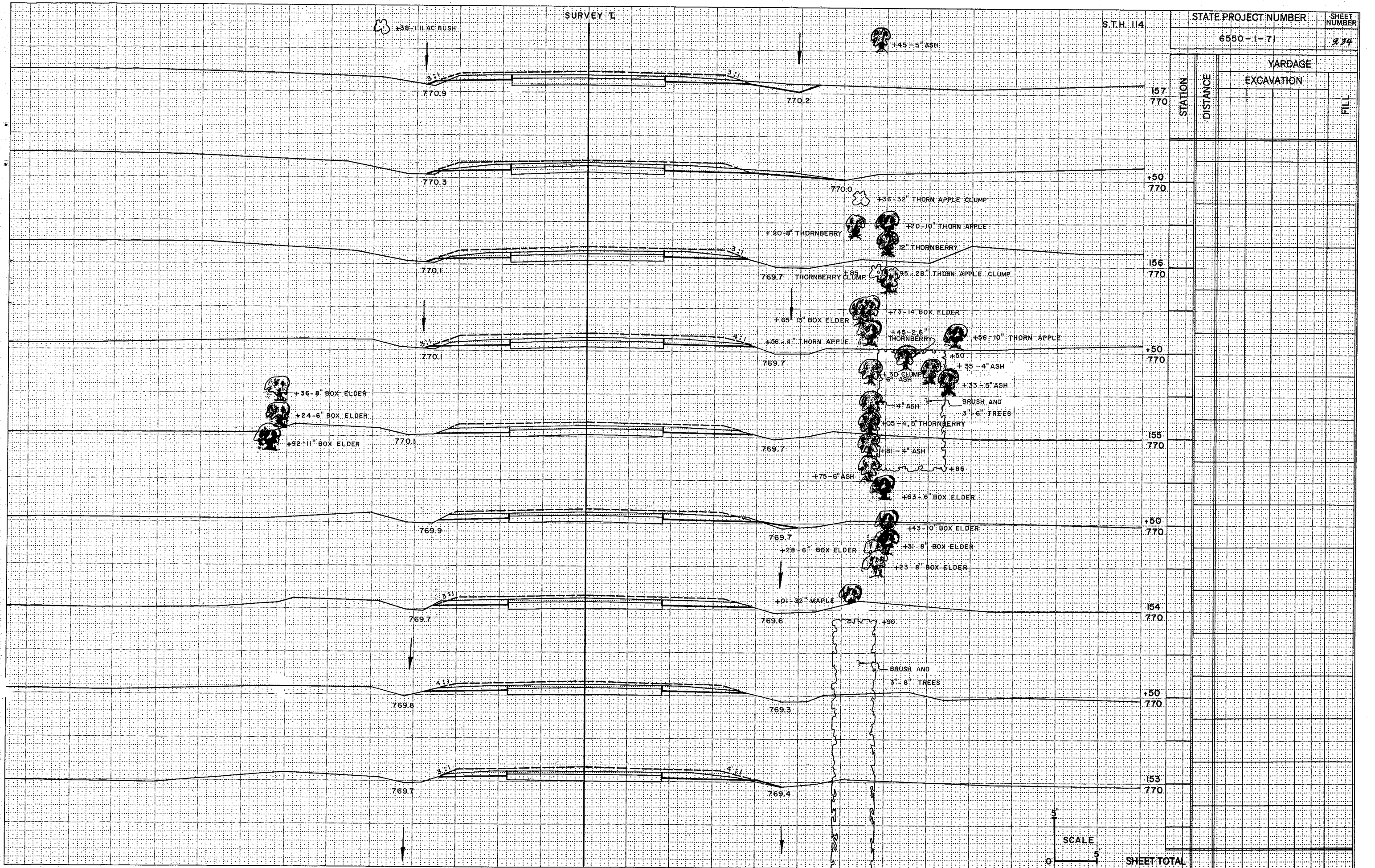
S.T.H. 114

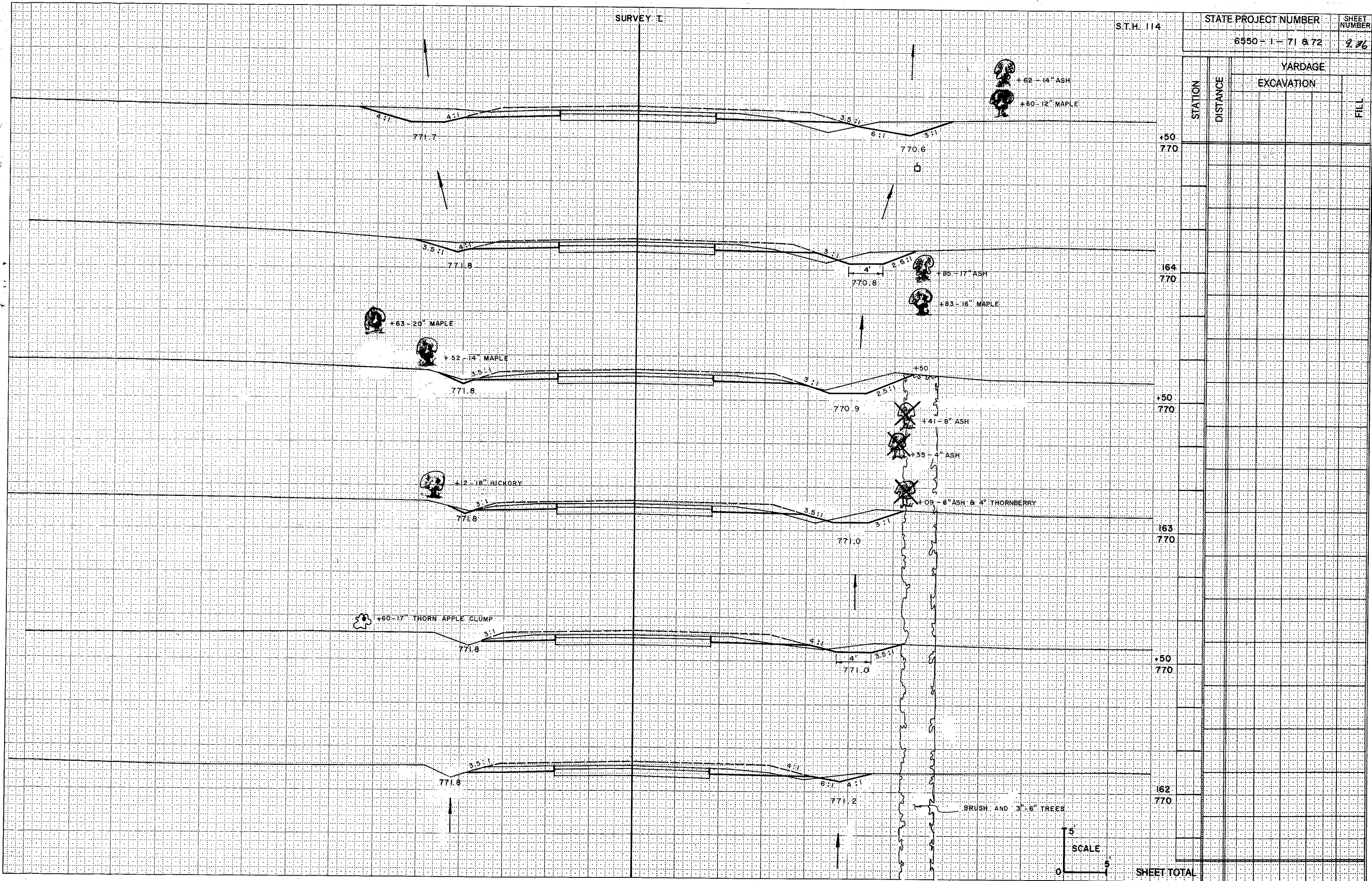
STATE PROJECT NUMBER

6550-1-71

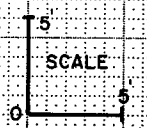
SHEET NUMBER

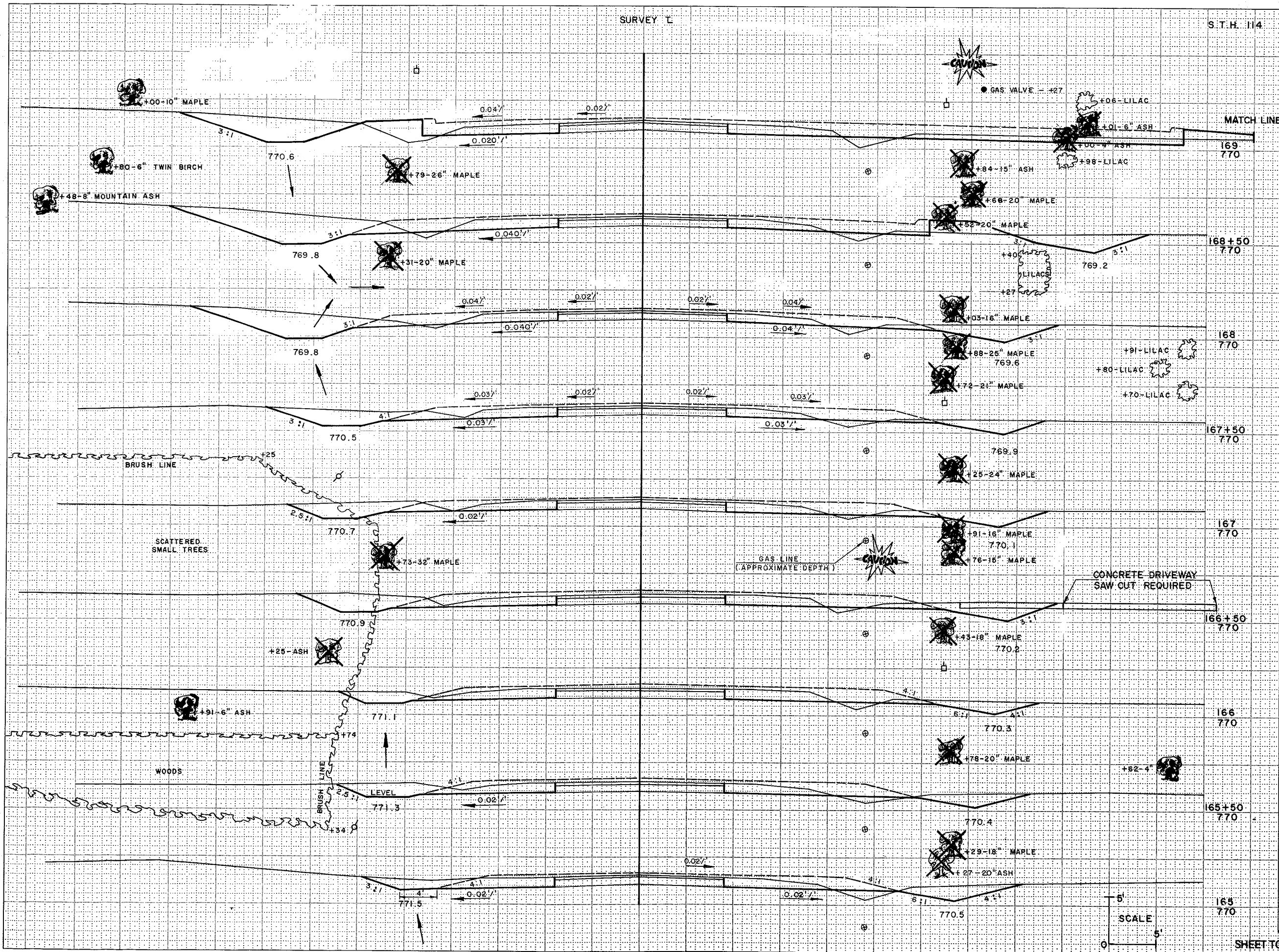
234



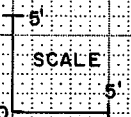


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
+50 770			
164 770			
+50 770			
163 770			
+50 770			
162 770			
SHEET TOTAL			





STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
169+770			
168+50			
168+770			
167+50			
167+770			
166+50			
166+770			
165+50			
165+770			
SHEET TOTAL			

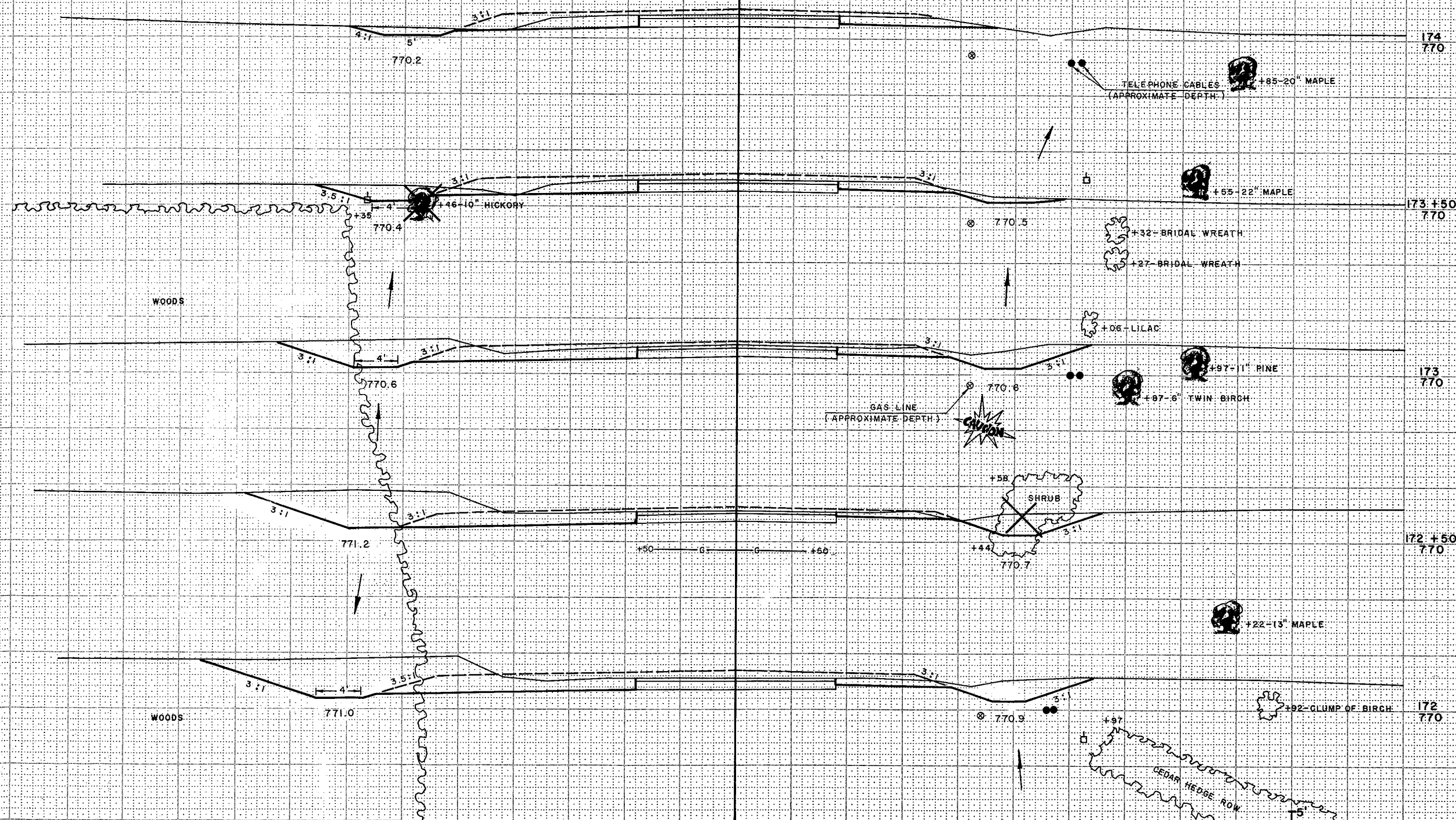


TO STA. 175 + 00
DITCH = 770.0

95-27" BOX ELDER

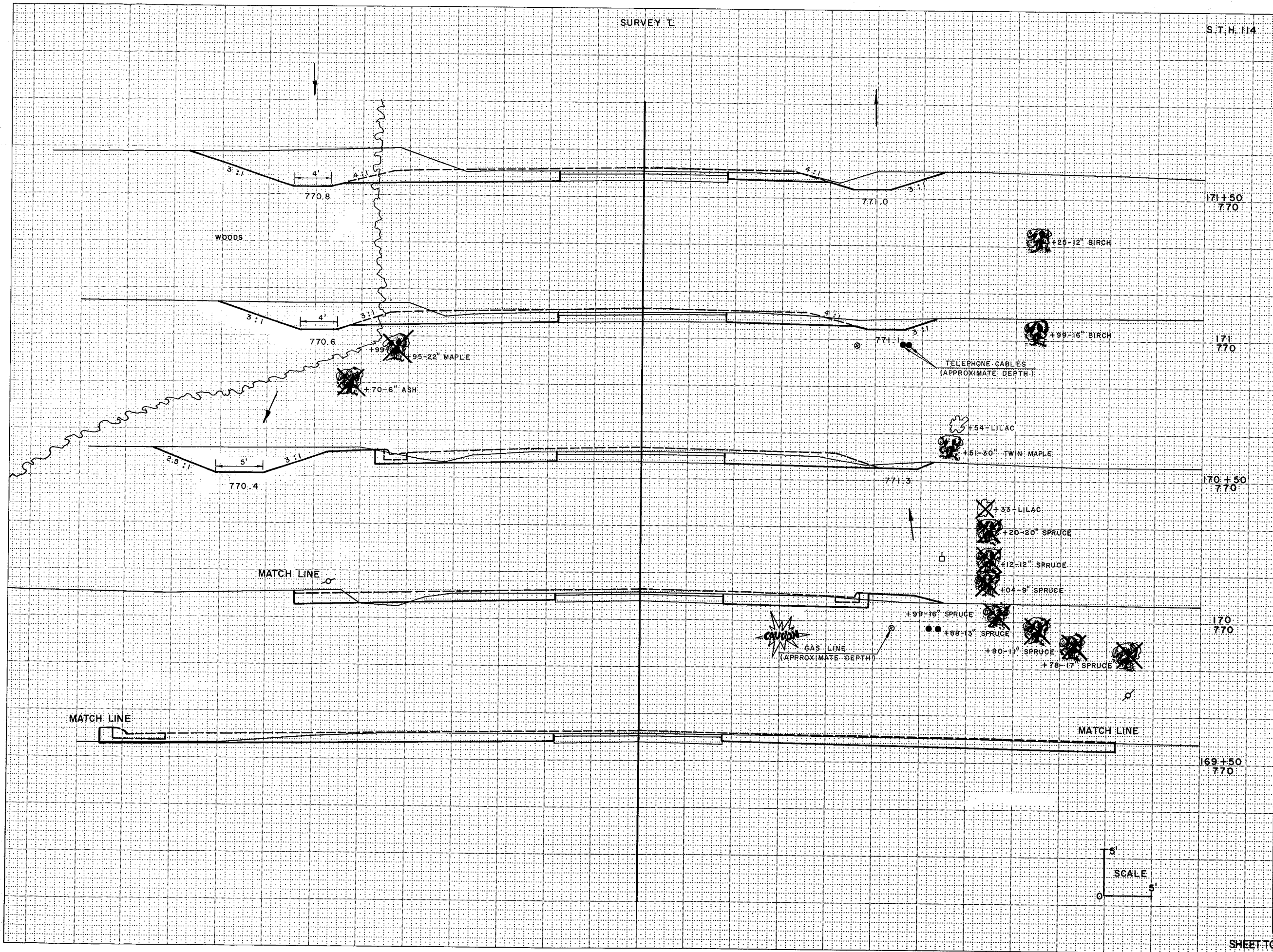
20-19" HICKORY

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
174	770		
173 + 50	770		
173	770		
172 + 50	770		
172	770		
SHEET TOTAL			

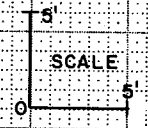


SCALE

SHEET TOTAL

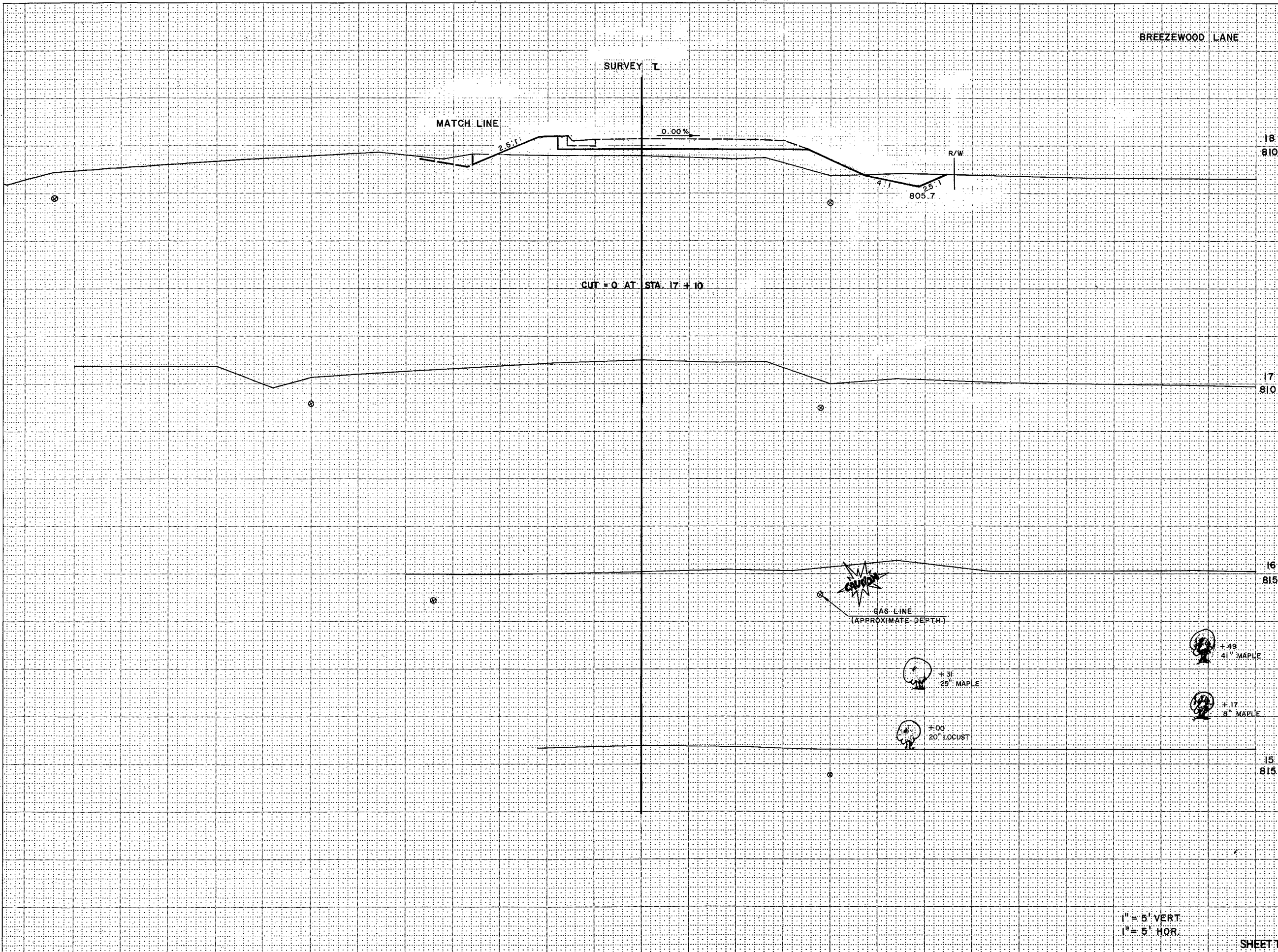


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
171+50	770		
171	770		
170+50	770		
170	770		
169+50	770		
SHEET TOTAL			



BREEZEWOOD LANE

STATE PROJECT NUMBER	SHEET NUMBER
6550-1-71	940



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
18	810		
17	810		
16	815		
15	815		
SHEET TOTAL			

1" = 5' VERT.
1" = 5' HOR.

BREEZEWOOD LANE

END CUT AT STA. 22+00
SURVEY T

+16
2-18" MAPLE
+96
29" MAPLE

+16
6" PINE
+02
6" PINE
+88
3" PINE

+58
38" MAPLE

+56
5" PINE
+31
2" PINE

798.4

798.6

+86
5" PINE
+70
3" PINE

801.3

801.2

GAS LINE
(APPROXIMATE DEPTH)
CAUTION

MATCH LINE

803.6

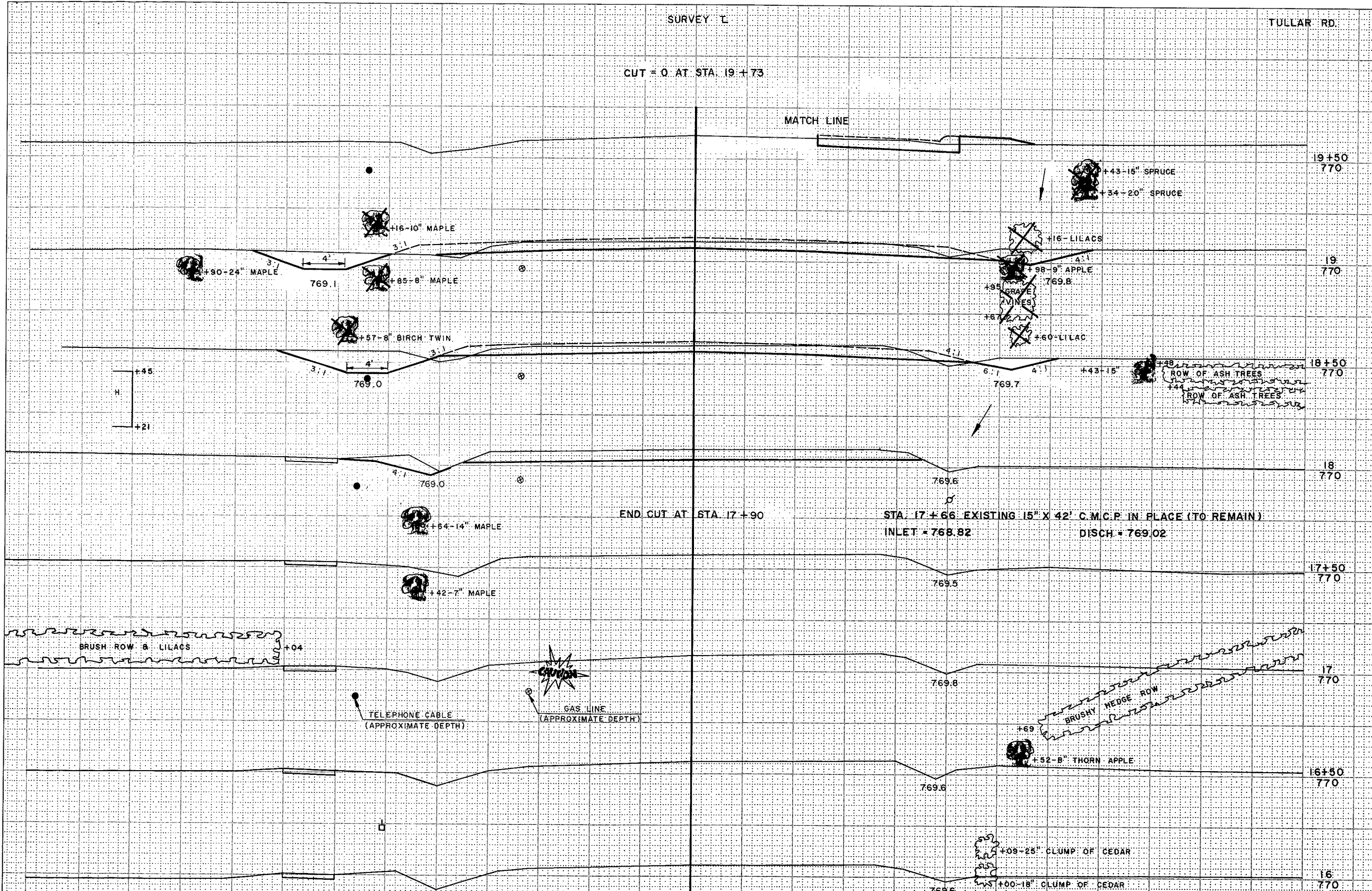
1" = 5' VERT.
1" = 5' HOR.

SHEET TOTAL

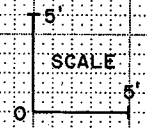
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
22	800		
21	800		
20	800		
19	805		
SHEET TOTAL			

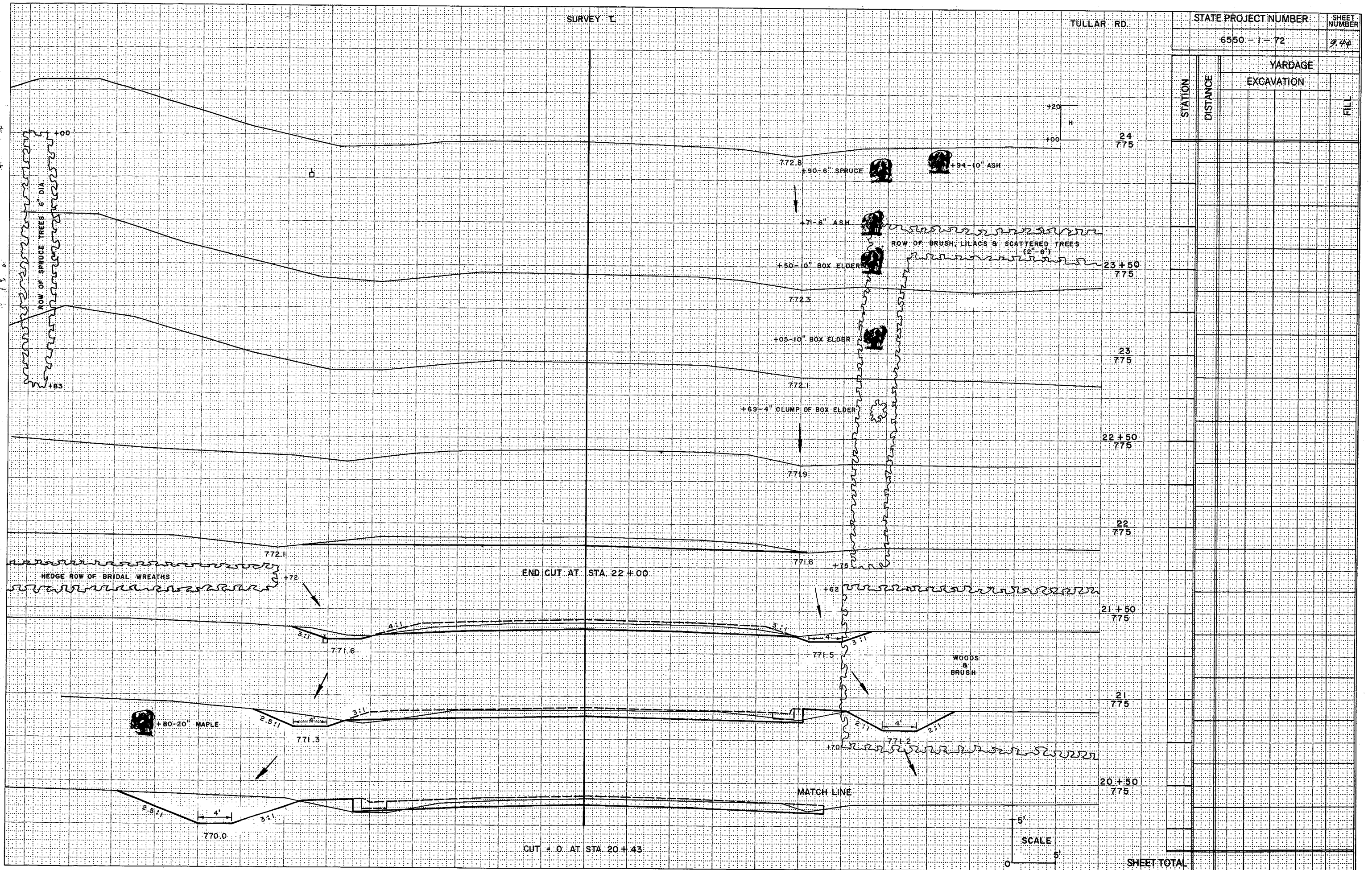
CUT = 0. AT STA. 19+73

MATCH LINE

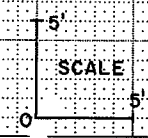


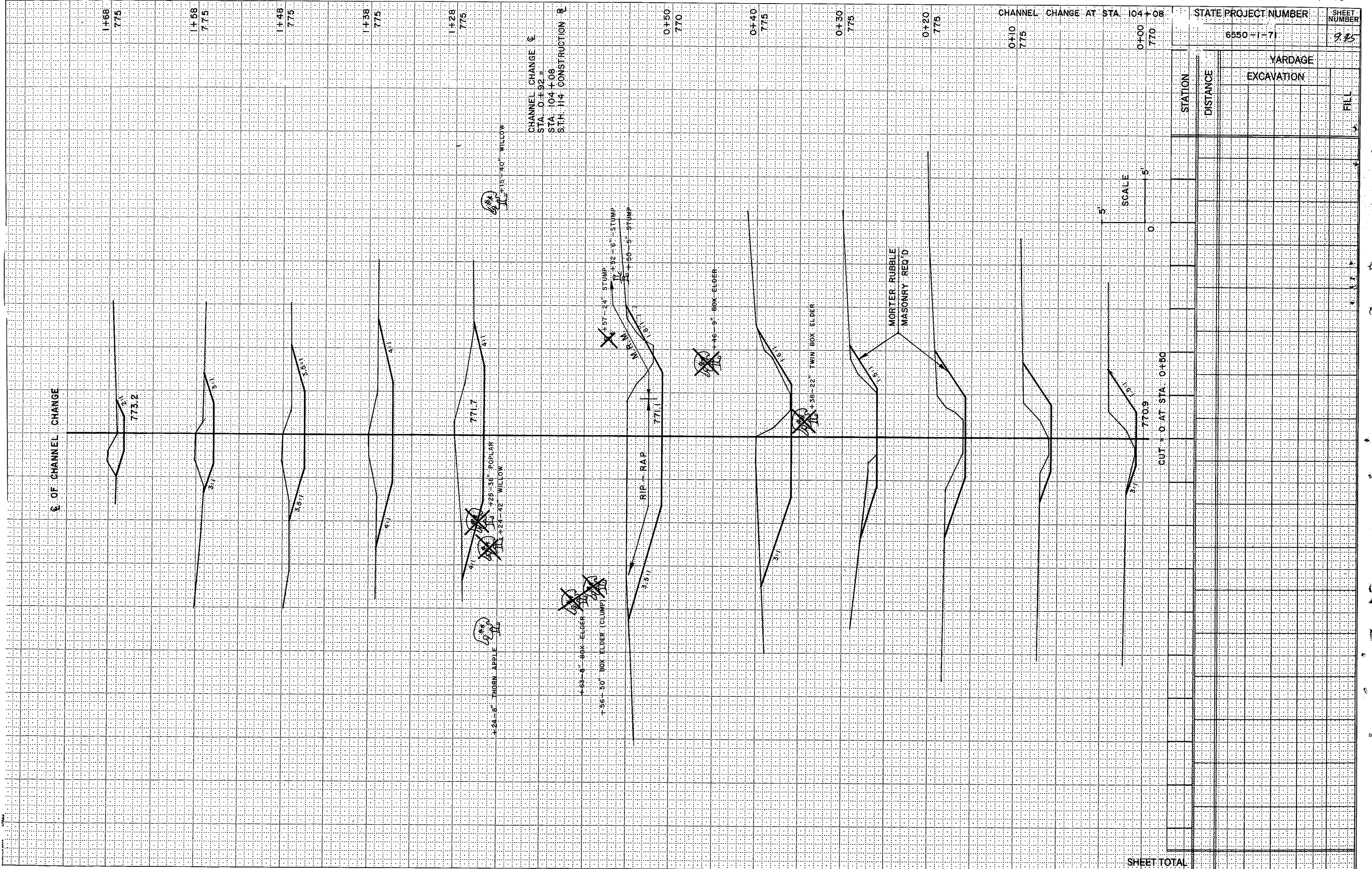
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
19+50	770		
19	770		
18+50	770		
18	770		
17+50	770		
17	770		
16+50	770		
16	770		
SHEET TOTAL			





STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
24	775		
23+50	775		
23	775		
22+50	775		
22	775		
21+50	775		
21	775		
20+50	775		
SHEET TOTAL			





STATE PROJECT NUMBER: 6550-1-71
 SHEET NUMBER: 9.25

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
1+68			
1+58			
1+48			
1+38			
1+28			
0+50			
0+40			
0+30			
0+20			
0+10			
0+00			
SHEET TOTAL			

