

THIS COPY RECORDS ALL R/W & X-SECTION REVISIONS

Sheet Number	Total Sheets
1	91

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
WEST COUNTY LINE - OSHKOSH

S.T.H. 116 - C.T.H. "FF" SECTION

C.T.H. "E"

WINNEBAGO COUNTY

PROJECT IDENTIFICATION NUMBER	FEDERAL PROJECT DESIGNATION
6460-2-71,72,73	S 1260(3)

Scales
 Plan 1 in. = 100 ft.
 Profile Hor. 1 in. = 100 ft. Vert. 1 in. = 10 ft.
 Cross Sections Hor. 1 in. = 5 ft. Vert. 1 in. = 5 ft.

R/W REVISIONS

Parcel	Owner	Sheet
1	EGAN	4.2, 5
44	NOLTE	4.6, 12
45	BUSSE	4.6, 12
113	BOSCHWITZ	13
116	SOSNOSKI	13
117	THOMA	13
119	BEHLING	13
122	SMITH	13
123	MANSKE	13
124	MOON	13
132	REEVE	14
133	NASLUND	14

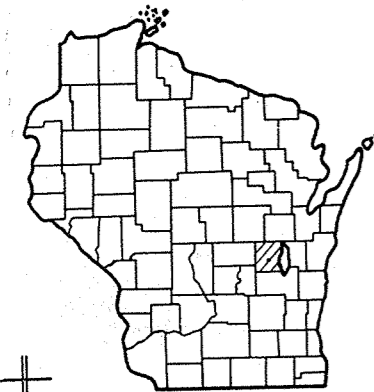
X-SECTION REVISIONS

STA	SIDE	SHEET
13+00	L	15
210+58	L	61
211+00	L	61
429+00	L	69
430+00	L	69
457+00	L	76

* STA. 412+50 TO STA. 448+00 PENDING RE-DESIGN OF NORTH DITCH (NOT SHOWN)

Index of Sheets

Sheet No. 1	Title
Sheet No. 2	Typical Cross Sections
Sheet No. 3	Estimate of Quantities
Sheet No. 3A	Miscellaneous Quantities
Sheet No. 4-4.5	Right of Way Plat
Sheet No. 5-14	Plan and Profile Sta. 10+00 to Sta. 458+42.37
Sheet No. 15-15.11	Standard Details
Sheet No. 16-29	Structure Plans
Sheet No. 30-91	Cross Sections



Design Designation

A. D. T. 1973	= 800
A. D. T. 1993	= 1,200
D. H. V.	= 168
D.	= 60%
T.	= 8%
V.	= 60 M.P.H.

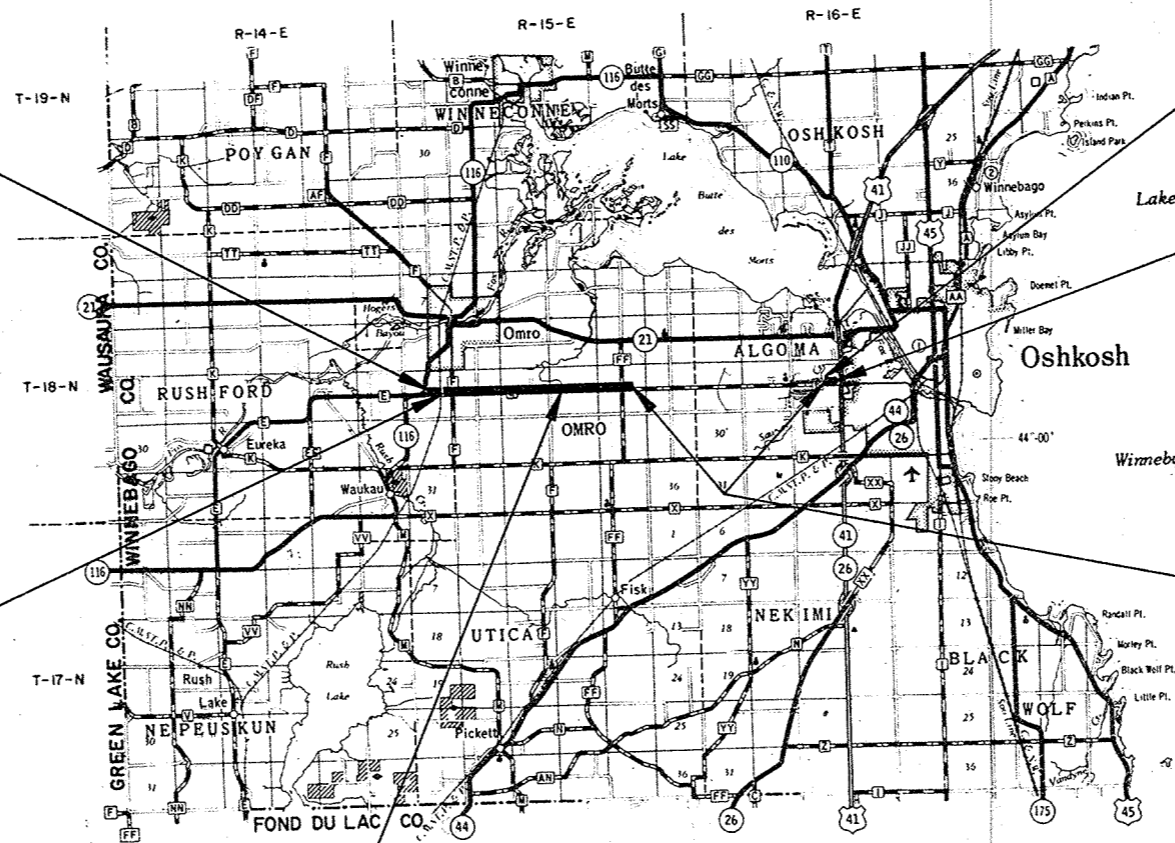
BEGINNING OF PROJECT S 1260 (3) / 6460-2-(71,72,73)
 STA. 10 + 00
 365.78' S. 89°-56' W. OF CENTER
 SEC. 19 T. 18 N. R. 15 E.

STA. 26 + 98.60 TO STA. 27 + 11.31
 EXCEPTION TO NET & LENGTH

STRUCTURE B-70-64

END OF PROJECT S 1260 (3) / 6460-2-(71,72,73)

STA. 235 + 00 TO STA. 447 + 87.17
 EXCEPTION TO NET & LENGTH



Conventional Signs

State Line	-----	Culverts in Place	-----
County Line	-----	Culverts Required	-----
Township or Range Line	-----	Drop Inlet	-----
Section Line	-----	Power Pole	-----
New Right of Way Line	-----	Telephone or Telegraph Pole	-----
Present Right of Way Line	-----	Right of Way Markers	-----
Wire Fence (Woven)	-----	Reference Stake for Hubs Only	-----
Wire Fence (Barbed)	-----	Marsh	-----
Lot Line	-----	Hedge	-----
Corporate or City Limits	-----	Trees	-----
Property Line	-----	Ground Elevation	Datum Line 73.9
Traveled Way or P. E.	-----	Grade Elevation	Datum Line 76.16
Railroads	-----		
Base or Survey Line	-----		

Layout
 Scale 0 1 2 Mi.
 Total Net Length of Centerline = 4.459 Mi.

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

Surveyor R.D.N. District Checker M.R.L. D.P.C.
 Designer C.W.M. G.M.G. C.O. Checker L.L.J.

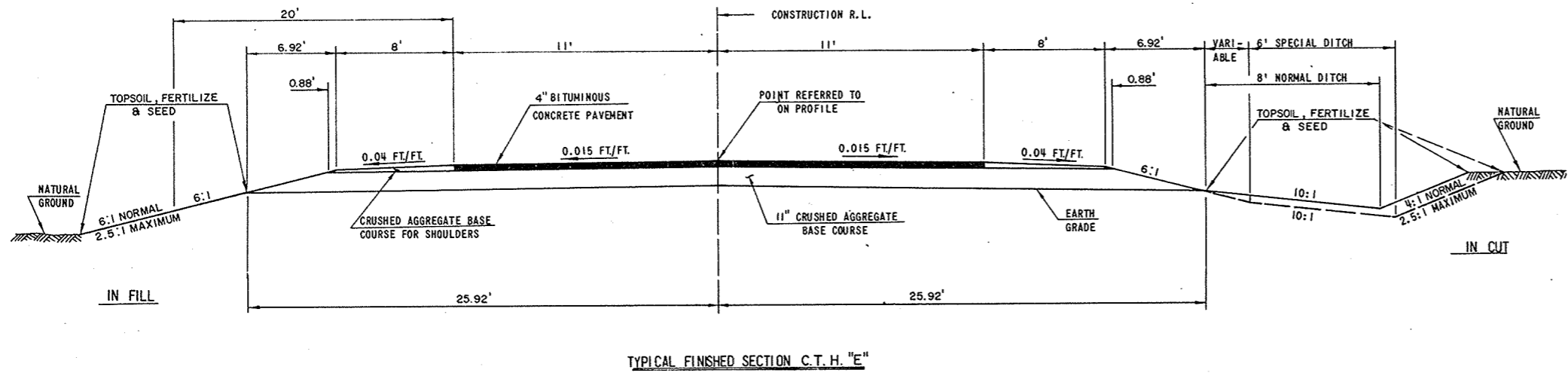
Correct:
 Date 4-27-72 F.H. Judd District Engineer
 Recommended for Approval:
 Date 5/30/72 C. Harried Chief Design Engineer
 Approved:
 Date 5/31/72 S. E. Hicks State Highway Engineer

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

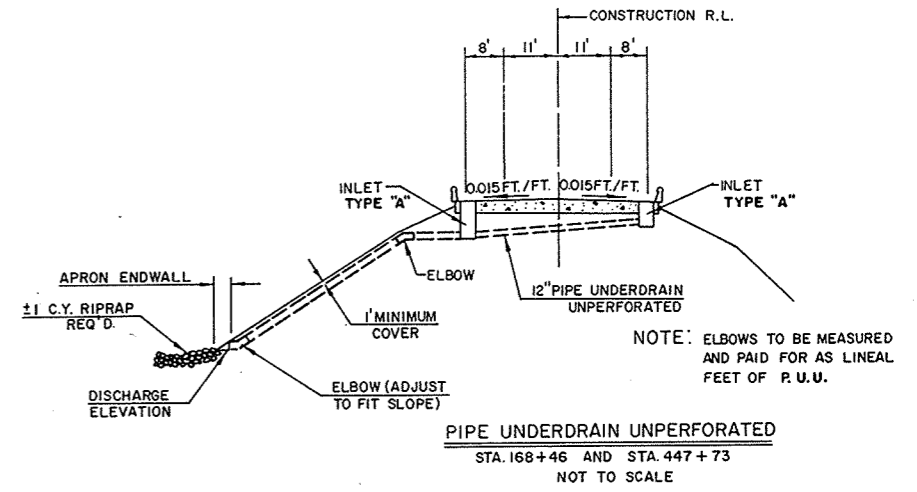
REGION 4 WISCONSIN DIVISION

Approved:
 Date _____ Division Engineer

PROJECT I. D. 6460 - 2 - 71, 72, 73	SHEET NUMBER 2	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260(3)		
TYPICAL CROSS SECTIONS FOR C.T.H. "E" WINNEBAGO CO.		



TYPICAL FINISHED SECTION C.T.H. "E"



PIPE UNDERDRAIN UNPERFORATED
STA. 168+46 AND STA. 447+73
NOT TO SCALE

GENERAL NOTES

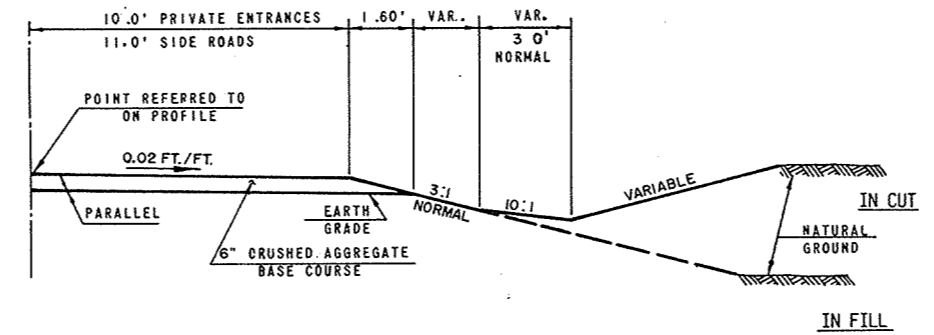
SALVAGED TOPSOIL SHALL BE PLACED TO AN APPROXIMATE DEPTH OF 3 INCHES
CERTAIN UNDERGROUND UTILITY STRUCTURES HAVE BEEN LOCATED ON THESE PLANS. THESE LOCATIONS SHALL NOT BE TAKEN AS CONCLUSIVE. VERIFICATION AS TO THE LOCATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITY STRUCTURES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT.
THE EXACT LOCATION OF CULVERT PIPE, PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
CUBIC YARDS OF FILL AS SHOWN ON THE PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED AND BORROW EXCAVATION AND WAS COMPUTED WITH A SHRINKAGE ALLOWANCE OF 25% - 30% FOR UNCLASSIFIED EXCAVATION AND 15% FOR BORROW EXCAVATION BASED ON THE VOLUME OF THE FILL.
BITUMINOUS SURFACING AND SHOULDERS IS NOT PART OF THESE CONTRACTS.
WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, AND BASE COURSE ARE MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

UTILITIES LOCATED WITHIN THIS PROJECT

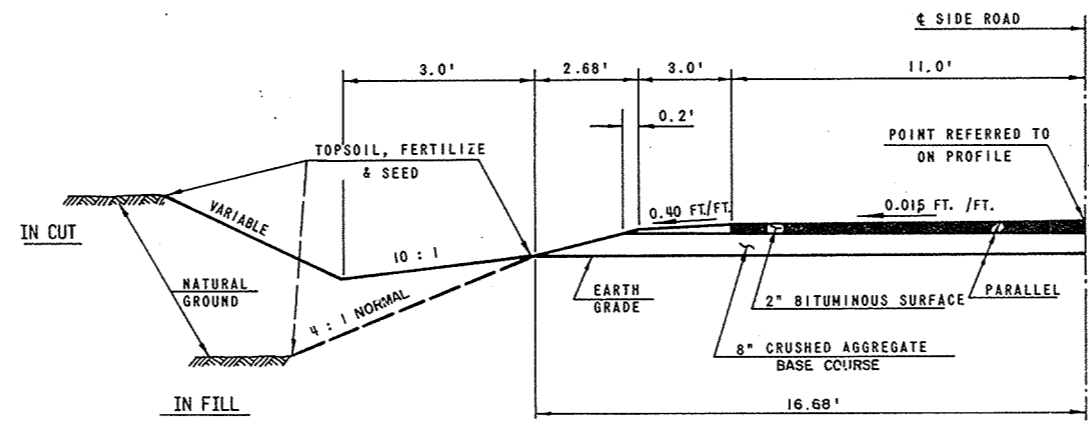
- CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RAILROAD (MILWAUKEE ROAD)
- WISCONSIN TELEPHONE COMPANY
- WISCONSIN POWER AND LIGHT COMPANY
- WISCONSIN PUBLIC SERVICE CORP.

STANDARD DETAIL DRAWINGS

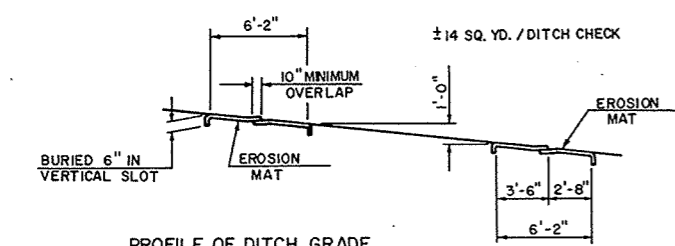
- INLETS TYPE 1 & 2 & INLET COVERS..... 8C1-1
- SURFACE DRAIN DROP INLET TYPE..... 8D3-1
- APRON ENDWALLS..... 8F1-2
- CORRUGATED METAL PIPE ARCH..... 8F2-1
- SIDE ROAD INTERSECTIONS..... 9A1-1
- CONCRETE PAVEMENT REINFORCEMENT..... 13A1-1
- PAVEMENT DETAILS FOR RAILROAD APPROACH..... 13B1-1
- CLASS "A" STEEL PLATE BEAM GUARD..... 14B2-2 A&B
- MARKER POSTS..... 15A1-1
- CONSTRUCTION BARRICADE..... 15C1-1
- LANDMARK REFERENCE MONUMENTS..... 16A1-1



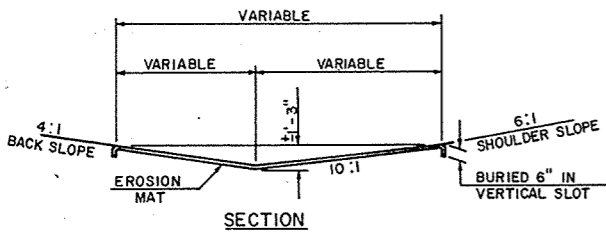
1/2 TYPICAL SECTION GRAVEL SURFACE SIDE ROADS AND PRIVATE ENTRANCES



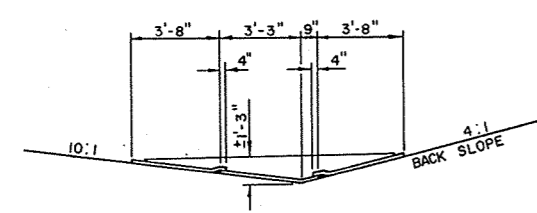
1/2 TYPICAL SECTION BITUMINOUS SURFACE FOR SIDE ROADS



PROFILE OF DITCH GRADE



SECTION
DETAILS OF EROSION MAT DITCH CHECKS



EROSION MAT DITCH PROTECTION

ESTIMATE OF QUANTITIES

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE WISCONSIN DIVISION OF HIGHWAYS - EDITION OF 1969. APPROVED MARCH 3, 1969, FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED NOVEMBER 15, 1968, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

CONTRACT NO. 1 (6460-2-71)
STRUCTURES B-70-63, 64
CONTRACT NO. 2 (6460-2-72)
BASE COURSE
CONTRACT NO. 3 (6460-2-73)
GRADING

PROJECT I.D.
6460-2-71, 72, 73
FEDERAL PROJECT DESIGNATION
S 1260(3)

SHEET NUMBER	TOTAL SHEETS
3	91

CONTRACT NO.	STATION TO STATION	NET LENGTH OF CENTER-LINE	CLEARING	CLEARING	GRUBBING	GRUBBING	UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	FINISHING ROADWAY	CRUSHED AGGREGATE BASE COURSE	CULVERT PIPE CLASS III				APRON ENDWALLS FOR CULVERT PIPE				CORRUGATED METAL PIPE ARCH						
											18 - INCH	24 - INCH	30 - INCH	36 - INCH	18 - INCH	24 - INCH	30 - INCH	36 - INCH	22"X 13"	29"X 18"	36"X 22"	43"X 27"	58"X 36"	65"X 40"	
											52003	52005	52007	52009	52061	52063	52065	52067	52136	52138	52139	52140	52142	52143	
ITEM NO.	UNIT	LIN. FT.	STATION	IN. DIA.	STATION	IN. DIA.	CU. YD.	CU. YD.	L.S.	TON	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	
1	B-70-63, 64	130.78																							
2	STA. 10 + 00 - STA. 458 + 42.37	23,411.71								76,300															
3	STA. 10 + 00 - STA. 458 + 42.37	23,411.71	8	2,102	8	2,116	51,860	28,561	1		1,414	556	108	32	94	26	2	2	96	344	178	32	148	74	
PROJECT TOTALS		23,542.49	8	2,102	8	2,116	51,860	28,561	1	76,300	1,414	556	108	32	94	26	2	2	96	344	178	32	148	74	

CONTRACT NO.	BRIDGES (STRUCTURES OVER 20FT. SPAN)																				
	REMOVING OLD BRIDGE, STA. 169 + 00	REMOVING OLD BRIDGE, STA. 448 + 18	EXCAVATION FOR STRUCTURES	GRANULAR BACKFILL	CONCRETE SURFACE DRAINS	CONCRETE MASONRY	PRESTRESSED GIRDER, 1 TYPE, 36 - INCH	PRESTRESSED GIRDER, 1 TYPE, 45 - INCH	BAR STEEL REINFORCEMENT	STRUCTURAL CARBON STEEL	BEARING PADS ELASTOMERIC	CAST-IN-PLACE CONCRETE PILING DELIVERED AND DRIVEN 10 3/4 - INCH	STEEL PILING DELIVERED AND DRIVEN 10 - INCH X 42 POUND	TUBULAR RAILING, TYPE "J"	RIPRAP	HEAVY RIPRAP	INLETS, TYPE I	INLET COVERS, TYPE "A"	METAL APRON ENDWALLS FOR CULVERT PIPE, 12 - INCH	PIPE UNDERDRAIN UNPERFORATED 12 - INCH	FIELD OFFICE TYPE "A"
	L.S.	L.S.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	LBS.	LBS.	SQ. FT.	LIN. FT.	LIN. FT.	LIN. FT.	CU. YD.	CU. YD.	EACH	EACH	EACH	LIN. FT.	L.S.
1	B-70-63	1	20	10	5	170.4	476		23,890	460	14	720		162	1	170	2	2	1	72	
1	B-70-64	1	82	48	5	181		246	27,840	430	10		640	157	1	210	2	2	1	76	
PROJECT TOTALS		1	102	58	10	351.4	476	246	51,730	890	24	720	640	319	2	380	4	4	2	148	1

CONTRACT NO.	METAL APRON ENDWALLS FOR PIPE ARCH						ANCHORAGES FOR STEEL PLATE BEAM GUARD	STEEL PLATE BEAM GUARD, CLASS "A"	MARKER POSTS	LANDMARK REFERENCE MONUMENTS	CALCIUM CHLORIDE SURFACE TREATMENT	SALVAGED TOPSOIL	EROSION MAT	FERTILIZER	SEEDING	FIELD OFFICE, TYPE "A"	FIELD OFFICE, TYPE "A"	ON THE JOB TRAINING
	22"X 13"	29"X 18"	36"X 22"	43"X 27"	58"X 36"	65"X 40"												
	52162	52164	52165	52166	52168	52169												
EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN. FT.	EACH	EACH	TON	SQ. YD.	SQ. YD.	C W T	LB.	L.S.	L.S.	HRS.	
1																	1,000	
2															1			
3	4	10	6	2	4	2	10	993	40	3	44	132,360	3,000	60	1,790		1	
TOT	4	10	6	2	4	2	10	993	40	3	44	132,360	3,000	60	1,790	1	1	1,000

DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES

PROJECT I.D. 6460-2-(71.72.73)	SHEET NUMBER 3A	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260 (3)		

CLEARING & GRUBBING

CONTRACT	STATION TO STATION	CLEARING		GRUBBING	
		STATION	IN. DIA.	STATION	IN. DIA.
3	STA. 10 + 00 - STA. 161 + 00	-	1.034	-	1.048
3	STA. 161 + 00 - STA. 163 + 00	2	-	2	-
3	STA. 163 + 00 - STA. 209 + 00	-	243	-	243
3	STA. 209 + 00 - STA. 211 + 00	2	-	2	-
3	STA. 211 + 00 - STA. 235 + 00	-	290	-	290
3	STA. 416 + 00 - STA. 420 + 00	4	-	4	-
3	STA. 420 + 00 - STA. 458 + 42	-	535	-	535

EXCAVATION

CONTRACT NO.	LOCATION	UNCLASSIFIED CU. YD.	BORROW CU. YD.
3	STA. 10 + 00 - STA. 235 + 00	42.381	27.621
3	STA. 414 + 00 - STA. 448 + 02	6.270	-
3	STA. 448 + 02 - STA. 458 + 42.37	3.209	940

CRUSHED AGGREGATE BASE COURSE

CONTRACT NO.	STATION TO STATION	TON		
		MAINLINE	SIDE ROADS	P. E. 'S
2	STA. 10 + 00 - STA. 235 + 00	70.000	1.420	575
2	STA. 446 + 00 - STA. 447 + 87	420	-	625
2	STA. 448 + 83 - STA. 458 + 42.37	3.110	-	150

PIPE CULVERTS

CONTRACT NO.	STATION	LOCATION	DIAMETER IN. DIA.	LENGTH LIN. FT.	TYPE	APRON ENDWALLS	MARKER POSTS
3	STA. 26 + 90	€	36"X 22"	62'	C. M. P. A.	2	2
3	STA. 27 + 26	€	36"X 22"	62'	C. M. P. A.	2	2
3	STA. 40 + 00	€	29"X 18"	76'	C. M. P. A.	2	2
3	STA. 40 + 36	SIDE ROAD LEFT	36"X 22"	54'	C. M. P. A.	2	-
3	STA. 53 + 80	F. E. LEFT	18"	32'	CULVERT PIPE CLASS III	2	-
3	STA. 55 + 75	€	65"X 40"	74'	C. M. P. A.	2	2
3	STA. 56 + 70	P. E. RIGHT	18"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 67 + 15	SIDE ROAD LEFT	22"X 13"	58'	C. M. P. A.	2	-
3	STA. 67 + 15	SIDE ROAD RIGHT	18"	58'	CULVERT PIPE CLASS III	2	-
3	STA. 83 + 02	€	24"	68'	CULVERT PIPE CLASS III	2	2
3	STA. 92 + 45	P. E. RIGHT	18"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 95 + 25	F. E. RIGHT	18"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 97 + 05	P. E. LEFT	18"	34'	CULVERT PIPE CLASS III	2	-
3	STA. 120 + 50	€	29"X 18"	66'	C. M. P. A.	2	2
3	STA. 120 + 50	€	29"X 18"	66'	C. M. P. A.	2	-
3	STA. 120 + 80	P. E. RIGHT	43"X 27"	32'	C. M. P. A.	2	-
3	STA. 122 + 95	P. E. RIGHT	36"	32'	CULVERT PIPE CLASS III	2	-
3	STA. 127 + 06	SIDE ROAD LEFT	24"	54'	CULVERT PIPE CLASS III	2	-
3	STA. 137 + 45	€	58"X 36"	74'	C. M. P. A.	2	2
3	STA. 137 + 45	€	58"X 36"	74'	C. M. P. A.	2	-
3	STA. 140 + 30	P. E. LEFT	18"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 147 + 04	SIDE ROAD RIGHT	18"	46'	CULVERT PIPE CLASS III	2	-
3	STA. 147 + 33	€	29"X 18"	72'	C. M. P. A.	2	2
3	STA. 160 + 77	€	24"	68'	CULVERT PIPE CLASS III	2	2
3	STA. 166 + 50	€	30"	108'	CULVERT PIPE CLASS III	2	2
1	STA. 168 + 53	€	12"	38'	C. M. P. UNDERDRAIN UNPERFORATED	-	-
1	STA. 168 + 46	19.5' LEFT	12"	34'	C. M. P. UNDERDRAIN UNPERFORATED	1	1
3	STA. 170 + 00	P. E. LEFT	24"	34'	CULVERT PIPE CLASS III	2	-
3	STA. 173 + 85	P. E. RIGHT	24"	32'	CULVERT PIPE CLASS III	2	-
3	STA. 205 + 27	€	29"X 18"	64'	C. M. P. A.	2	2
3	STA. 222 + 81	€	24"	64'	CULVERT PIPE CLASS III	2	2
3	STA. 226 + 96	SIDE ROAD LEFT	22"X 13"	38'	C. M. P. A.	2	-
3	STA. 417 + 89	SIDE ROAD RIGHT	18"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 422 + 20	P. E. LEFT	24"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 422 + 60	F. E. RIGHT	18"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 424 + 71	SIDE ROAD LEFT	24"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 425 + 67	P. E. LEFT	24"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 426 + 85	P. E. LEFT	24"	36'	CULVERT PIPE CLASS III	2	-
3	STA. 427 + 65	P. E. RIGHT	24"	32'	CULVERT PIPE CLASS III	2	-
3	STA. 429 + 18	P. E. RIGHT	24"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 430 + 15	P. E. LEFT	24"	30'	CULVERT PIPE CLASS III	2	-
3	STA. 446 + 90	F. E. LEFT	18"	44'	CULVERT PIPE CLASS III	2	-
1	STA. 447 + 73	€	12"	35'	C. M. P. UNDERDRAIN UNPERFORATED	-	-
1	STA. 447 + 73	19.5' LEFT	12"	41'	C. M. P. UNDERDRAIN UNPERFORATED	1	1
3		(36 P. E. 'S @ 18"X 28' EACH)			CULVERT PIPE CLASS III	72	-

STEEL PLATE BEAM GUARD

CONTRACT NO.	LOCATION	LIN. FT.	ANCHORAGES
3	B-70-63 WEST END LEFT	128.8	1
3	B-70-63 WEST END RIGHT	128.8	1
3	B-70-63 EAST END LEFT	91.3	1
3	B-70-63 EAST END RIGHT	128.8	1
3	STA. 101 + 53.8 - STA. 102 + 82.6 LEFT	128.8	2
3	STA. 101 + 41.2 - STA. 102 + 70.2 RIGHT	128.8	2
3	B-70-64 EAST END LEFT	128.8	1
3	B-70-64 EAST END RIGHT	128.8	1

RIPRAP

CONTRACT NO.	LOCATION	CU. YD.
1	STA. 168 + 46 LEFT	1
1	STA. 447 + 73 LEFT	1

CONVENTIONAL SIGNS

STATE LINE		*HIGHWAY HIGHWAY SEPARATION		CEMETERY	
COUNTY LINE		HIGHWAY OVERPASS		FOUNDATION	
TOWNSHIP AND RANGE LINES		*RAIL LINE OVERPASS		GAS PUMP ISLAND	
SECTION LINE		ALL OTHER BRIDGES		BUILDING	
QUARTER LINE		STREAM OR RIVER		IRON PIN	
SIXTEENTH LINE		LAKE		POWER POLE	
NEW CENTERLINE		CATTLE PASS		TELEPHONE POLE	
NEW R/W LINE		RELOCATED STREAM OR RIVER		RAIL LINE	
OLD R/W LINE		TRAVELED WAY (Shown only in area of Frontage Roads, Interchanges or Dual Lanes)		TRANSMISSION TOWER AND LINE	
PROPERTY LINE				UNDERGROUND CABLE MARKER	
CORPORATE LIMITS				WELL	
SLOPE INTERCEPTS				STONE MONUMENT	
LOT, TIE AND OTHER MINOR DASHED LINES				SEPTIC TANK	
UNDERGROUND FACILITY (POWER, TELEPHONE, TELEGRAPH, GAS, ETC.)				WINDMILL	
NO ACCESS					
*LIMITED HIGHWAY EASEMENT					

STANDARD ABBREVIATIONS

ABANDON	ABND.
ACRES REMAINING AND OTHERS	AC. REM.
AND WIFE	ET. AL.
BARN	ET. UX.
CEMETERY	B.
CHANNEL	CEM.
CHANNEL CHANGE	CH.
CHICKEN HOUSE	CH. CH.
COMMERCIAL	C.H.
CORNER	COMM.
DEED	COR.
ESTATE	(D)
FOUNDATION	EST.
GARAGE	FDN.
HOTEL	G.
HOUSE	HQ.
IRON PIN	H.
LIMITED HIGHWAY EASEMENT	I. P.
MONUMENT	L. H. E.
OUTLOT	MON.
REQUIRED	O. L.
	REQ'D.

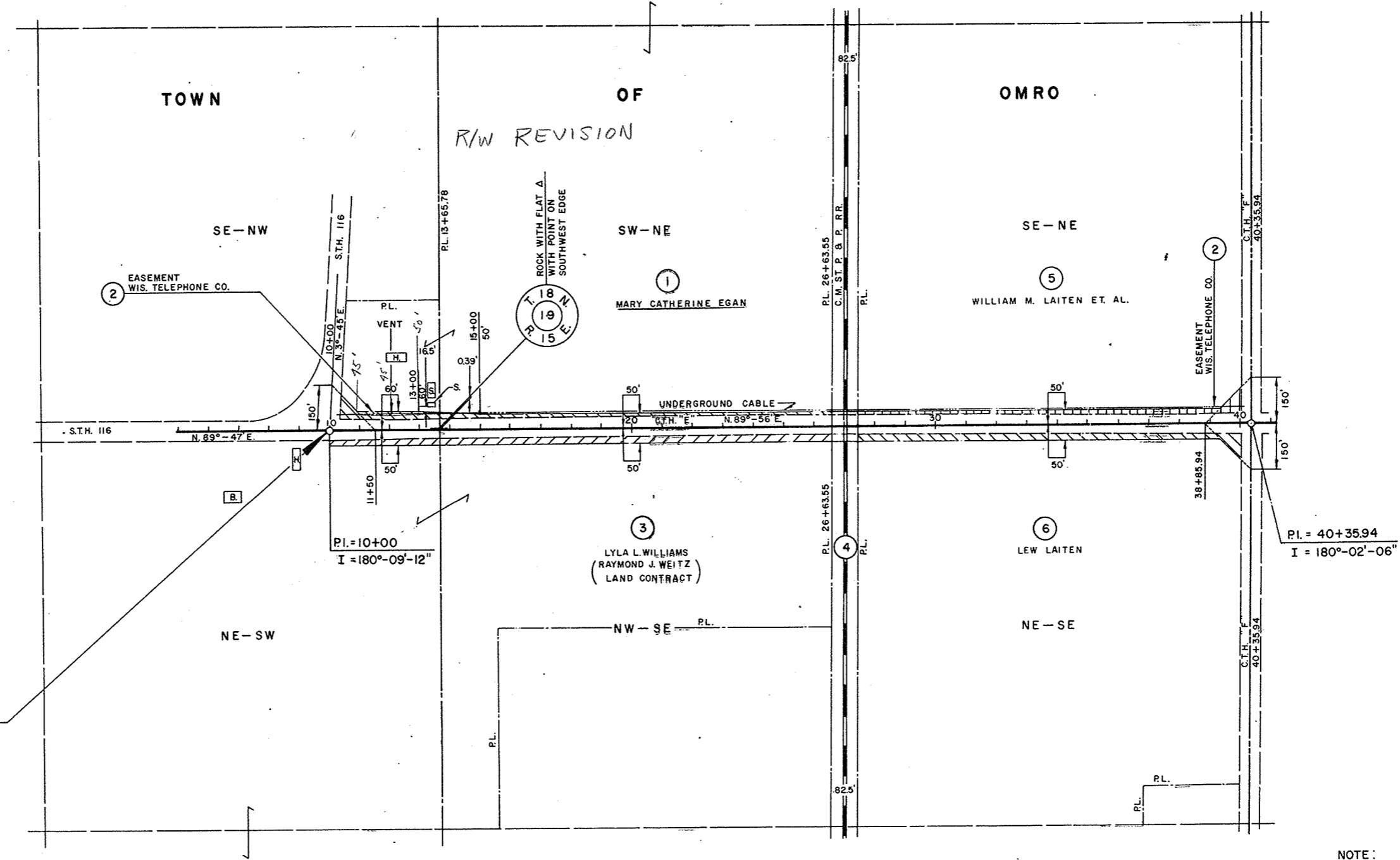
SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	ACRES
1	4.2	MARY CATHERINE EGAN	HIGHWAY EASEMENT	0.57
2	4.2, 4.4, 4.8, 4.9	WIS. TELEPHONE COMPANY	RELEASE OF RIGHTS	-
3	4.2	LYLA L. WILLIAMS	HIGHWAY EASEMENT	0.85
4	4.2	C. M. ST. P. & P. RR.	AGREEMENT	-
5	4.2	WILLIAM M. LAITEN ET. AL.	HIGHWAY EASEMENT	0.47
6	4.2	LEW LAITEN	HIGHWAY EASEMENT	0.63
7	4.3	JAMES S. BUTKIEWICZ	HIGHWAY EASEMENT	0.71
8	4.3	LAVERNE D. ZIESMER	HIGHWAY EASEMENT	0.58
9	4.3	BERNARD R. HEMP	HIGHWAY EASEMENT	0.72
10	4.3	FREDERICK J. ALBRIGHT	HIGHWAY EASEMENT	0.08
11	4.3	EVERETT LEWIS	HIGHWAY EASEMENT	0.30
12	4.3	GEORGE L. DANAY	HIGHWAY EASEMENT	0.04
13	4.3	MICHAEL R. MOLSKI	HIGHWAY EASEMENT	0.11
14	4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10	WIS. POWER & LIGHT COMPANY	RELEASE OF RIGHTS	-
15	4.3	HELEN REMER	HIGHWAY EASEMENT	0.54
16	4.3	RICHARD R. PENNAU	HIGHWAY EASEMENT	0.12
17	4.3	BEULAH G. VEITH	HIGHWAY EASEMENT	0.14
18	4.3	WRIGHT W. ALLEN	HIGHWAY EASEMENT	0.05
19	4.3	CHARLES HALLMAN	HIGHWAY EASEMENT	0.11
20	4.3	JAMES E. ROBERTS	HIGHWAY EASEMENT	0.03
21	4.3	WILLIAM A. LEE	HIGHWAY EASEMENT	0.08
22	4.3	PATRICK JAMES O'KEEFE	HIGHWAY EASEMENT	0.19
23	4.3	LINDA A. FISCHER	HIGHWAY EASEMENT	0.04
24	4.3	CLARENCE F. GULIG	FEE	0.55
25	4.3	ROGER C. MATHWIG	FEE	0.04
26	4.3	ROBERT W. HINDERMAN	HIGHWAY EASEMENT	0.04
27	4.3	LOREN W. MITCHELL	HIGHWAY EASEMENT	0.04
28	4.3	RONALD J. LAWSON	FEE	0.04
29	4.3	TED T. GUMZ	HIGHWAY EASEMENT	0.11
30	4.4	ROBERT D. CASE	FEE	1.28
31	4.4	ALFRED O. ALTMANN	HIGHWAY EASEMENT	0.26
32	4.4	ARTHUR E. POMMERENING	HIGHWAY EASEMENT	0.86
33	4.4	GERALD L. ZARTER	HIGHWAY EASEMENT	0.12
34	4.4 & 4.5	ALVIN KRINGS	HIGHWAY EASEMENT	2.05
35	4.4	LAWRENCE WEIDNER	FEE	0.07
36	4.4	GERALD P. BASEL	HIGHWAY EASEMENT	1.52
37	4.4	FRANK C. SANCHEZ	HIGHWAY EASEMENT	0.21
38	4.5	JOHN W. BARNETT	HIGHWAY EASEMENT	1.43
39	4.5	WILLIAM R. FAUST	HIGHWAY EASEMENT	0.73
40	4.5	FOX VALLEY HUNTSMEN & FISHERMEN'S CLUB	FEE	0.45
41	4.5	JOHN J. SIPPLE	FEE	0.80
42	4.5	BERT FORMILLER	HIGHWAY EASEMENT	0.42
43	4.5 & 4.6	LEON DERBER	HIGHWAY EASEMENT	1.14
44	4.6	HAROLD R. NOLTE	HIGHWAY EASEMENT	0.29
45	4.6	FRED BUSSE & SONS, INC.	FEE	2.50
46	4.6 & 4.7	FLOYD R. WHITEMARSH	HIGHWAY EASEMENT	1.43
47	4.6	FRED C. KEPFIELD JR.	HIGHWAY EASEMENT	0.12
48	4.7	JOHN I. BONGERT	HIGHWAY EASEMENT	1.23
49	4.7 & 4.10	WIS. PUBLIC SERVICE CORP.	RELEASE OF RIGHTS	-
50	4.7	IRENE K. ANKLAM ET. AL.	HIGHWAY EASEMENT	0.63
51	4.7	GEORGE SCHMICK JR.	HIGHWAY EASEMENT	0.57
52	4.7	HERMAN BRANDT ET. AL.	HIGHWAY EASEMENT	1.16
53	4.7 & 4.8	ORRIN M. KRAUS	HIGHWAY EASEMENT	1.09
54	4.7	CLARENCE S. HODGE JR.	HIGHWAY EASEMENT	0.05
55	4.7	FRANK G. HEFFNER	FEE	0.08
56	4.8	CLAUDE F. MILLER ET. AL.	O. C. D.	-
57	4.8	CLIFFORD C. GENZ	HIGHWAY EASEMENT	0.04
58	4.8	ARTHUR G. GENZ	HIGHWAY EASEMENT	0.35
59	4.8	LAWRENCE L. POCH	HIGHWAY EASEMENT	0.04
60	4.8	ALLAN L. ROST	HIGHWAY EASEMENT	0.04
61	4.8	RICHARD J. LEINWEBER	HIGHWAY EASEMENT	0.04
62	4.8	GERALD C. HERBST	HIGHWAY EASEMENT	0.04
63	4.8	VIRGINIA M. WEICH	HIGHWAY EASEMENT	0.22
64	4.8	WALTER E. FRICK	HIGHWAY EASEMENT	0.09
65	4.8	WALTER E. FRICK	HIGHWAY EASEMENT	0.23
66	4.8	WILLIAM & EMMA HENSCHEL	FEE	0.35
67	4.8	CLAUDE F. MILLER	HIGHWAY EASEMENT	0.69
68	4.8	JOSEPH A. WOMASKI JR.	HIGHWAY EASEMENT	0.09
69	4.8	WILLIAM J. FREDIN	HIGHWAY EASEMENT	0.04
70	4.8	LYLE R. ANDRASCHKO	HIGHWAY EASEMENT	0.04
71	4.8	JOHN M. LUDWIG	HIGHWAY EASEMENT	0.09
72	4.8	MAX W. FENZL	HIGHWAY EASEMENT	0.09

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	ACRES
73	4.8	ROBERT HATCH	HIGHWAY EASEMENT	0.06
74	4.8	AUGUST A. KOFNATHE	HIGHWAY EASEMENT	0.08
75	4.8	AUGUST A. KOFNATHE	HIGHWAY EASEMENT	0.08
76	4.8 & 4.9	ROBERT E. ZIEGENHAGEN	HIGHWAY EASEMENT	1.15
77	4.8	GEORGE CROWNER	HIGHWAY EASEMENT	0.36
78	4.8	NORMAN V. VIERTEL	HIGHWAY EASEMENT	0.11
79	4.9	FRANK W. SCHOENAUER	HIGHWAY EASEMENT	0.27
80	4.9	ARDEN G. TODD	HIGHWAY EASEMENT	0.08
81	4.9	WAYNE CARPENTER	HIGHWAY EASEMENT	0.13
82	4.9	HAROLD R. NIGL	HIGHWAY EASEMENT	0.08
83	4.9	WILLIAM G. FREIBERG	HIGHWAY EASEMENT	0.02
84	4.9	ALFRED L. SCETTLE	HIGHWAY EASEMENT	0.12
85	4.9	ROBERT E. WILLIAMS	HIGHWAY EASEMENT	0.06
86	4.9	LEROY F. RUEDINGER	HIGHWAY EASEMENT	0.02
87	4.9	JOSEPH OSTERTAG	HIGHWAY EASEMENT	0.02
88	4.9	ROBERT WILLIAMS, JR.	HIGHWAY EASEMENT	0.04
89	4.9	JAMES M. GRIEDL	HIGHWAY EASEMENT	0.04
90	4.9	ALFRED S. RAKE	HIGHWAY EASEMENT	0.10
91	4.9	SELMA B. VOGT	HIGHWAY EASEMENT	0.18
92	4.9	HERBERT VAN OUDENHOVEN	HIGHWAY EASEMENT	0.05
93	4.9	JOHN A. KROES	HIGHWAY EASEMENT	0.05
94	4.9	SELMA B. VOGT	HIGHWAY EASEMENT	0.88
95	4.9	PHILIP E. MOON	HIGHWAY EASEMENT	0.94
96	4.9	DANIEL F. MCCORMICK	HIGHWAY EASEMENT	0.07
97	4.9	MILTON L. KASPER	HIGHWAY EASEMENT	0.06
98	4.9	HARTLAND MUECKLER	HIGHWAY EASEMENT	0.08
99	4.9	GERALD L. RISTOW	HIGHWAY EASEMENT	0.08
100	4.9	GLADYS VEIDEMANIS	HIGHWAY EASEMENT	0.05
101	4.9	ROBERT F. REDFIELD	HIGHWAY EASEMENT	0.04
102	4.9	EARL E. ABRAHAM	HIGHWAY EASEMENT	0.04
103	4.9	LYLE KRAUS	HIGHWAY EASEMENT	0.04
104	4.9	LELAND STEVENS	HIGHWAY EASEMENT	0.04
105	4.9	HERBERT TELLOCK	HIGHWAY EASEMENT	0.04
106	4.9	EDWIN E. DOUGHERTY	HIGHWAY EASEMENT	0.04
107	4.9	DAREL E. SIMON	HIGHWAY EASEMENT	0.04
108	4.9	MARVIN M. MILLER	HIGHWAY EASEMENT	0.04
109	4.9	LAVERNE SCHROEDER	FEE	0.04
110	4.9	RAY W. LETT	HIGHWAY EASEMENT	0.06
111	4.9	SCHOOL DISTRICT NO. 6	HIGHWAY EASEMENT	0.19
112	4.9	TOWN OF ALGOMA	HIGHWAY EASEMENT	0.04
113	4.10	FRANZ L. BOSCHWITZ	HIGHWAY EASEMENT	0.57
114	-	-	-	-
115	4.10	CLARE L. BARTON	HIGHWAY EASEMENT	0.28
116	4.10	WILLIAM W. SOSNOSKI	HIGHWAY EASEMENT	0.05
117	4.10	CLYDE W. THOMA	HIGHWAY EASEMENT	0.05
118	4.10	ROSEMARY H. ZIEGENHAGEN ET. AL.	HIGHWAY EASEMENT	0.18
119	4.10	NICHLOUS R. BEHLING & NICHLOUS R. BEHLING JR.	HIGHWAY EASEMENT	0.06
120	4.10	EARL G. BEHLING	HIGHWAY EASEMENT	0.05
121	4.10	CLIFFORD W. SHEW	HIGHWAY EASEMENT	0.05
122	4.10	ARTHUR A. SMITH	HIGHWAY EASEMENT	0.04
123	4.10	WILLIAM MANSKE	HIGHWAY EASEMENT	0.50
124	4.10	WARREN J. MOON	HIGHWAY EASEMENT	0.69
125	4.10	JAMES J. GEFFERS & ROBERT E. SCHULZ	HIGHWAY EASEMENT	0.25
126	4.10	OTTO WINTER	HIGHWAY EASEMENT	1.37
127	4.10	HENRY LAUTENSCHLAGER	HIGHWAY EASEMENT	0.30
128	4.10	HENRY LAUTENSCHLAGER	HIGHWAY EASEMENT	0.20
129	4.10	NEIL R. ANDERSON	HIGHWAY EASEMENT	0.01
130	4.10	ROBERT VANDERBILT	HIGHWAY EASEMENT	0.01
131	4.10	WERTCH MOTOR CO., INC.	HIGHWAY EASEMENT	0.01
132	4.10	CHARLES REEVE	HIGHWAY EASEMENT	0.03
133	4.10	RICHARD C. NASLUND & ROBERT J. STEIDL	HIGHWAY EASEMENT	0.01
134	4.10	MICHIGAN-WIS. PIPE LINE CO.	RELEASE OF RIGHTS	-

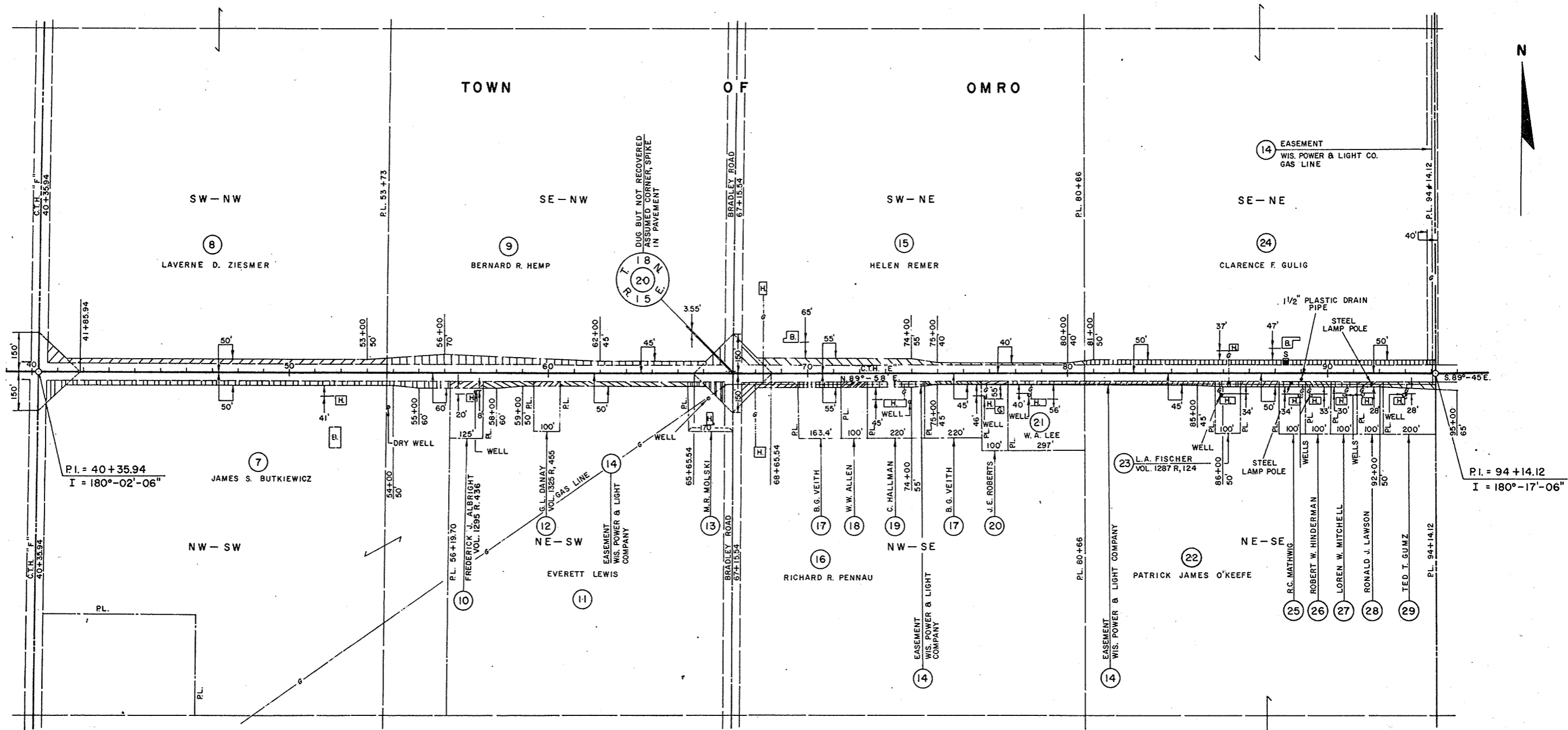
REVISION DATE	PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	6460 2 00	4.1	
FEDERAL PROJECT DESIGNATION			
WEST COUNTY LINE - OSHKOSH ROAD (S.T.H. 116 TO U.S.H. 41) C.T.H. "E" WINNEBAGO COUNTY			
DATE 3-28-72			
CONST. PROJECT 6460-2-73 51260(3) 4-91			

REVISION DATE	PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	6460 2 00		
	FEDERAL PROJECT DESIGNATION	4.2	
PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E" WINNEBAGO COUNTY			
SCALE 400 FT.			
DATE 3-28-72			
CONST. PROJECT 6460-2-73 51260(3) 41-91			



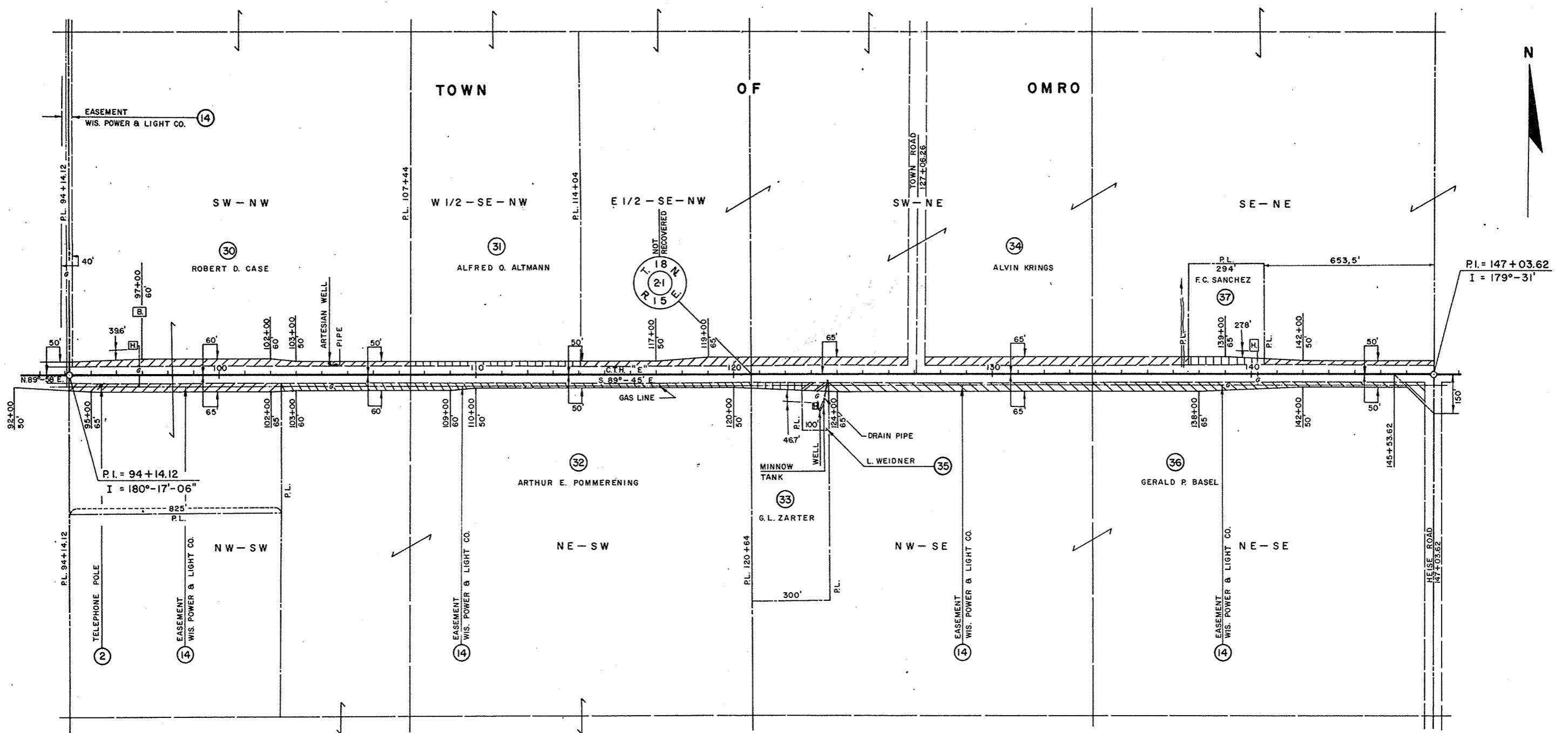
NOTE:
BEARINGS SHOWN ON THIS PLAT ARE THE TRUE BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

REVISION DATE	PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72 N.C.	6460 2 00	4.3	
	FEDERAL PROJECT DESIGNATION		
	PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E"		
	SCALE 400 Ft.		
	DATE 3-28-72		
CONST. PROJECT 6460-2-73 S 1260(3)		4.2-91	



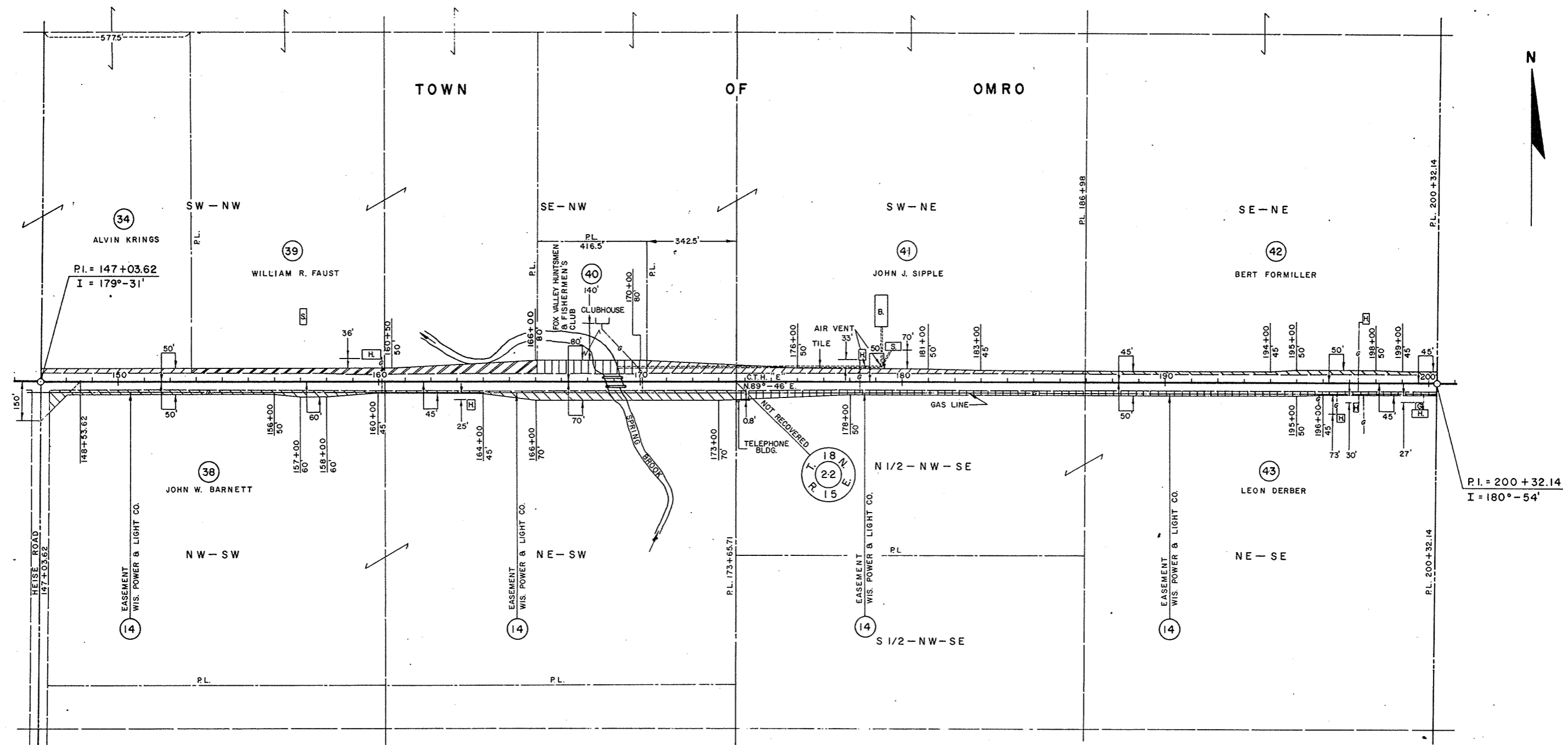
NOTE:
BEARINGS SHOWN ON THIS PLAT ARE THE TRUE BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

REVISION DATE	PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	6460 2 00		
	N. C.		
	FEDERAL PROJECT DESIGNATION	4.4	
	PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E" WINNEBAGO COUNTY		
	SCALE 400 Ft.		
	DATE 3-28-72		
	CONST. PROJECT 6460-2-73 S 1260(3)		43-91



NOTE:
BEARINGS SHOWN ON THIS PLAT ARE THE TRUE
BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

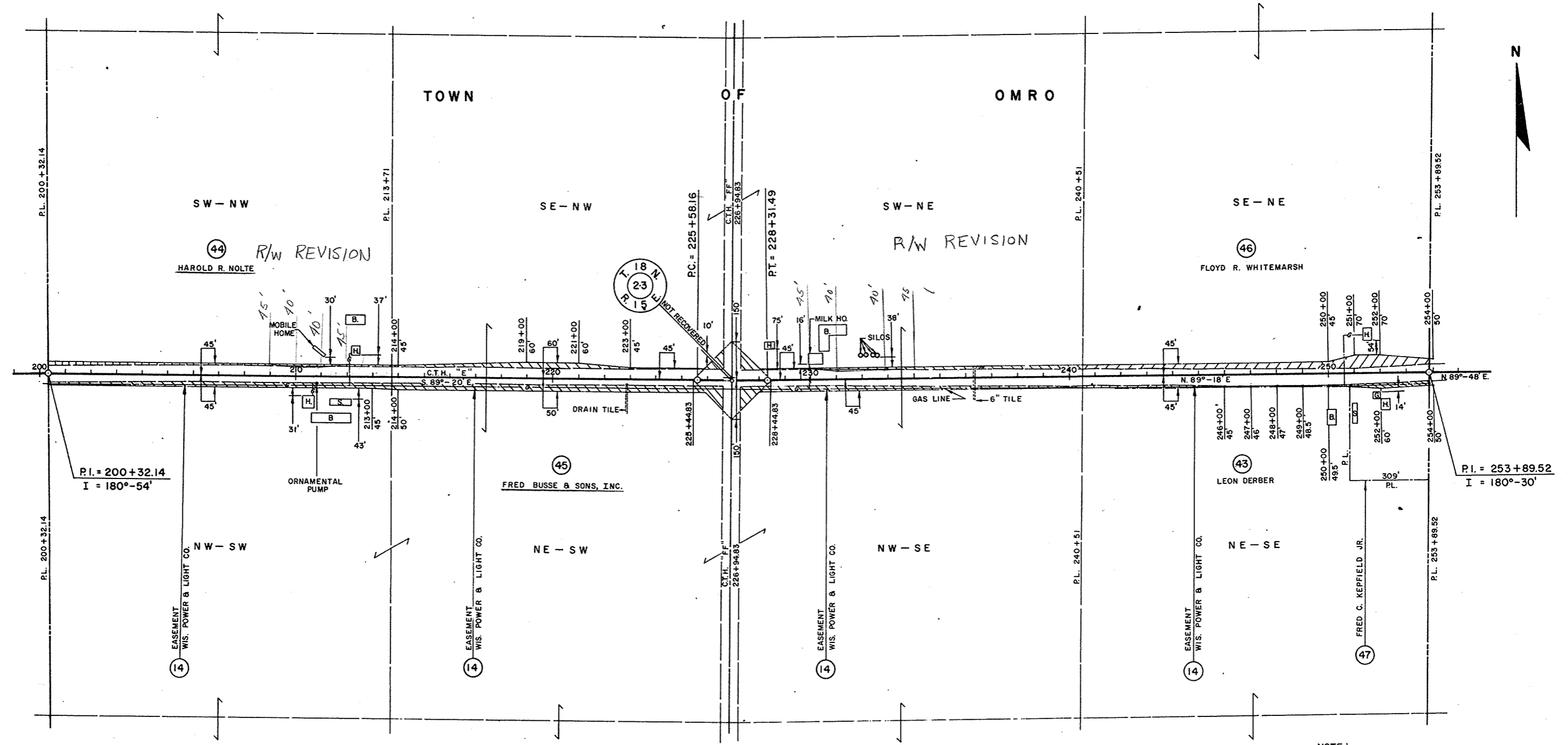
REVISION DATE	PROJECT 4.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	6460 2 00	4.5	
	FEDERAL PROJECT DESIGNATION		
	PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E" WINNEBAGO COUNTY		
	SCALE 400 Ft.		
	DATE 3-28-72		
CONST. PROJECT 6460-2-73 51260(3)		4.9-91	



NOTE:
BEARINGS SHOWN ON THIS PLAT ARE THE TRUE BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

REVISION DATE	PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	6460 2 00	4.6	
	FEDERAL PROJECT DESIGNATION		
	PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E" WINNEBAGO COUNTY		
	SCALE 400 Ft.		
	DATE 3-28-72		
CONST. PROJECT 6260-2-75 51260(3)		4.5-91	

P.I. = 226 + 94.83
 I = 178° - 38'
 Δ = 1° - 22'
 D = 0° - 30'
 T = 136.67'
 L = 273.33'
 E = 0.82'
 R = 11,459.16'

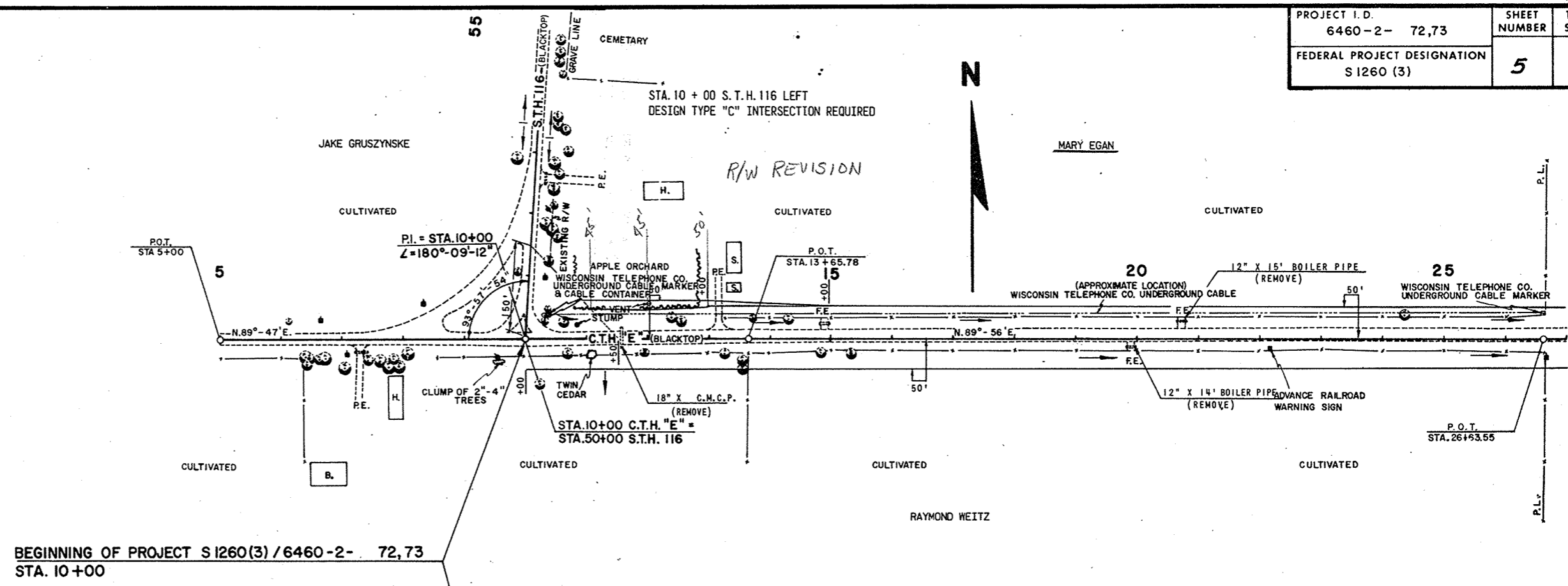


NOTE:
 BEARINGS SHOWN ON THIS PLAT ARE THE TRUE
 BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

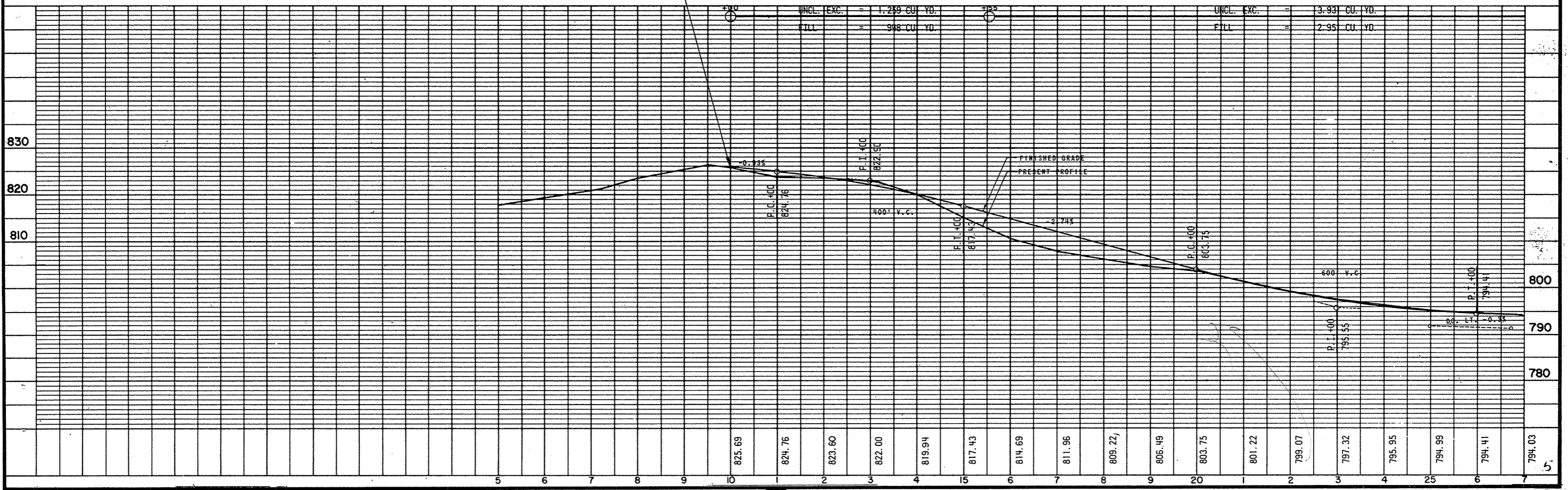
6

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
11	13+58	SPIKE IN 18" HICKORY 55' RT.	821.09

PROJECT I.D. 6460-2- 72,73	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT DESIGNATION S 1260 (3)	5	91

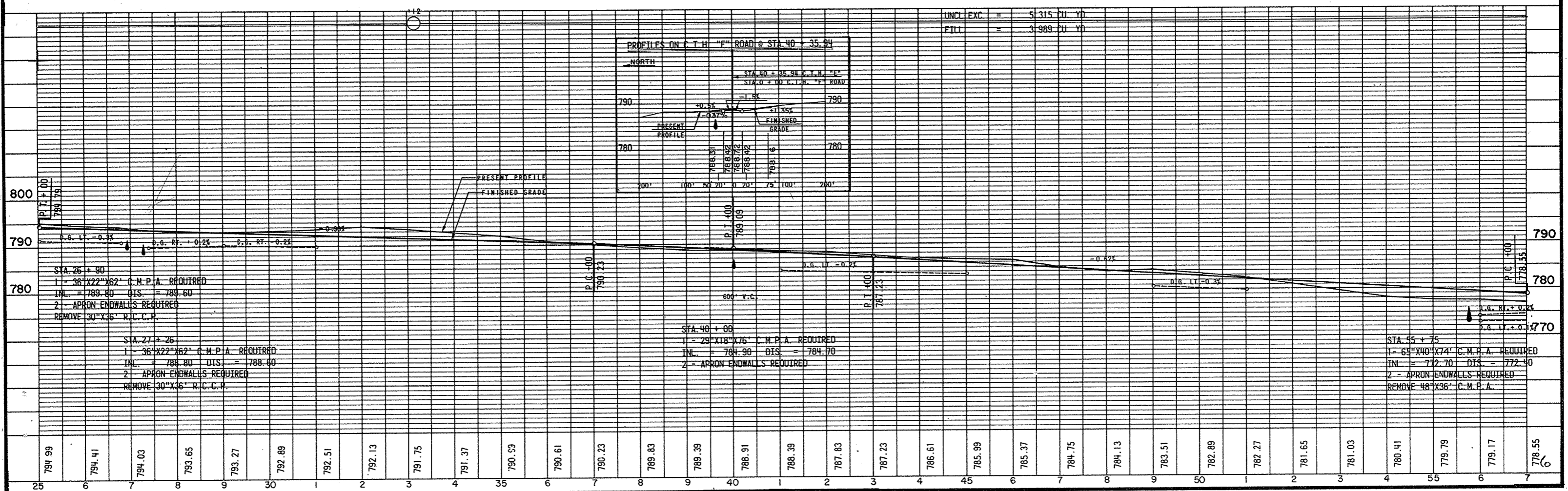
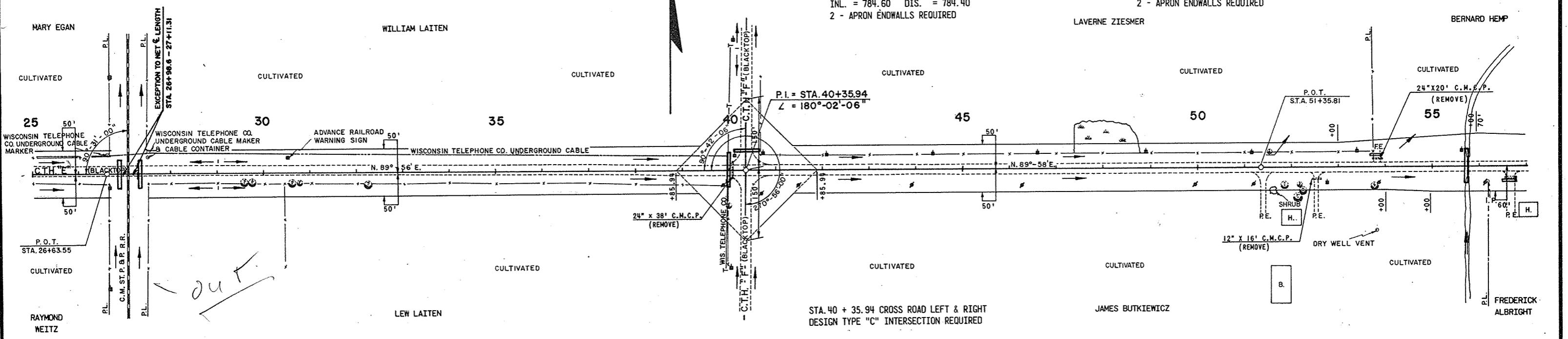


BEGINNING OF PROJECT S1260(3) / 6460-2- 72,73
STA. 10+00



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
12	27+55	SPIKE IN 14" HICKORY 90' LT.	792.57
13	39+96	SPIKE IN 14" HICKORY 215' RT.	789.52
14	53+85	SPIKE IN 26" BOX ELDER 45' RT.	778.11

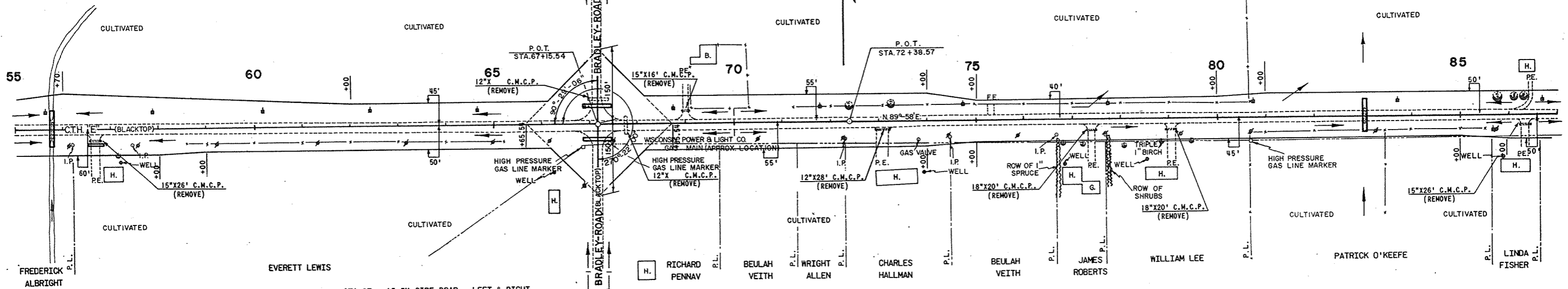
PROJECT I.D. 6460-2- 72,73	SHEET NUMBER 6	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260(3)		



PROJECT I.D. 6460-2- 72,73	SHEET NUMBER 7	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S1260(3)		

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
15	59+20	SPIKE IN TELEPHONE POLE 35' RT.	776.50
16	68+58	SPIKE IN 12" ELM 145' LT.	781.75
17	73+30	SPIKE IN 18" HICKORY 36' LT.	782.41
18	78+68	N.E. CORNER OF BOTTOM STEP 100' RT	774.84
19	86+05	SPIKE IN 16" KATALPA 78' LT.	769.22

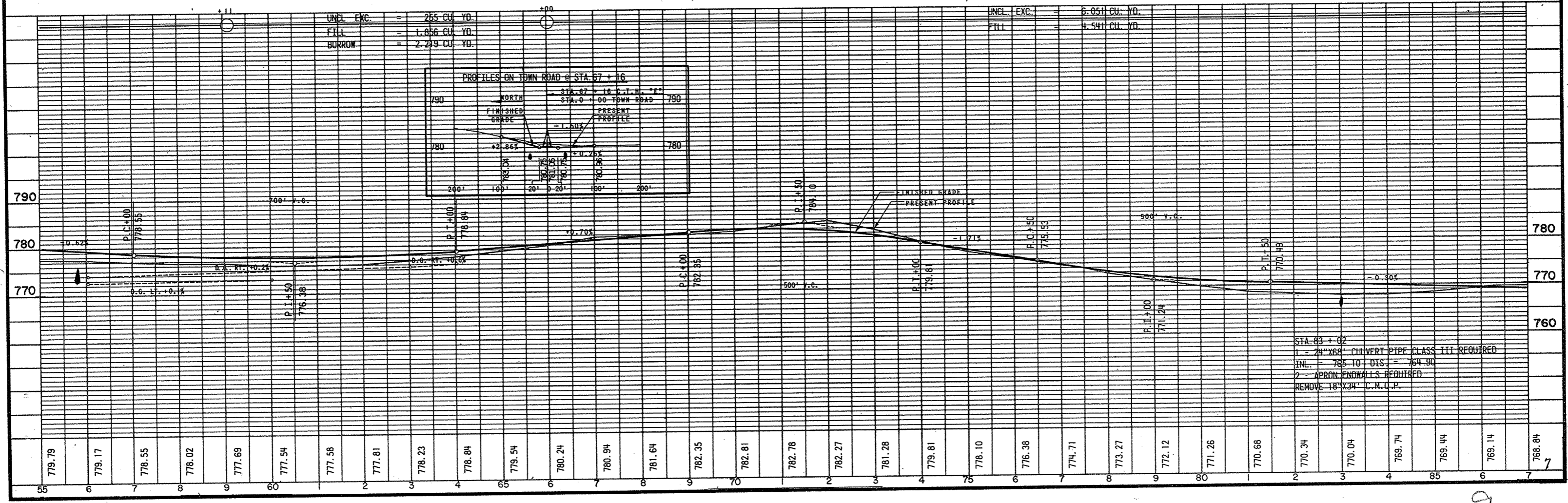
STA. 67 + 15 SIDE ROAD -34' LT.
 1 - 22"X13"X58' C.M.P.A. REQUIRED
 INL. = 778.10 DIS. = 777.90
 2 - APRON ENDWALLS REQUIRED



STA. 56 + 70 P.E. RT.
 1 - 18"X30' CULVERT PIPE CLASS III REQUIRED
 2 - APRON ENDWALLS REQUIRED

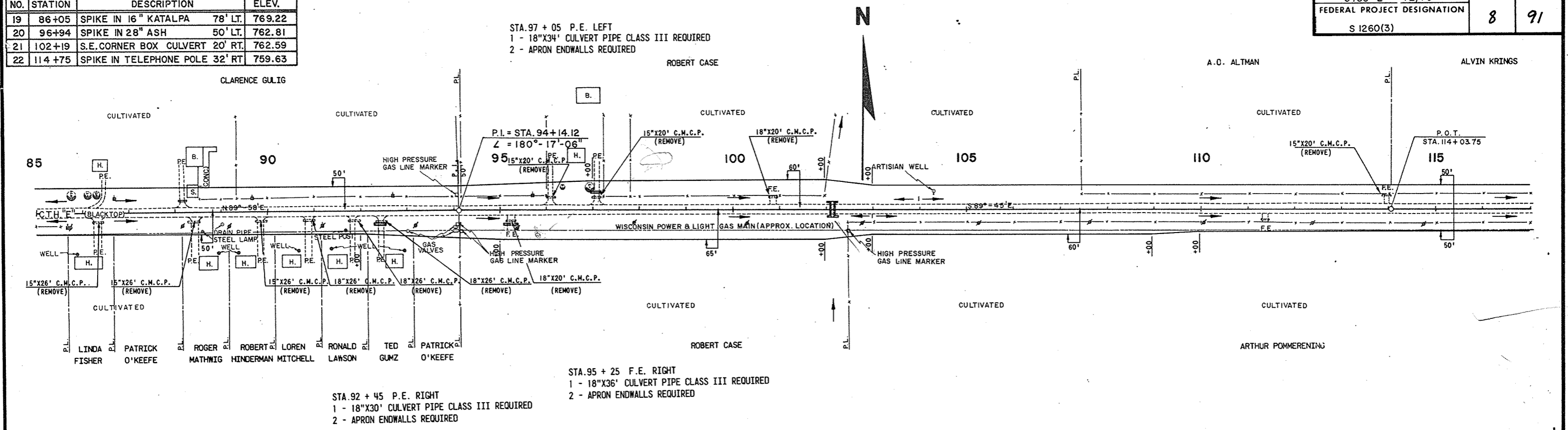
STA 67 + 15.54 SIDE ROAD - LEFT & RIGHT
 DESIGN TYPE "C" INTERSECTION REQUIRED

STA. 67 + 15 SIDE ROAD - 34' RIGHT
 1 - 18"X58' CULVERT PIPE CLASS III REQUIRED
 INL. = 778.20 DIS. = 778.00
 2 - APRON ENDWALLS REQUIRED



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
19	86+05	SPIKE IN 16" KATALPA 78' LT.	769.22
20	96+94	SPIKE IN 28" ASH 50' LT.	762.81
21	102+19	S.E. CORNER BOX CULVERT 20' RT.	762.59
22	114+75	SPIKE IN TELEPHONE POLE 32' RT.	759.63

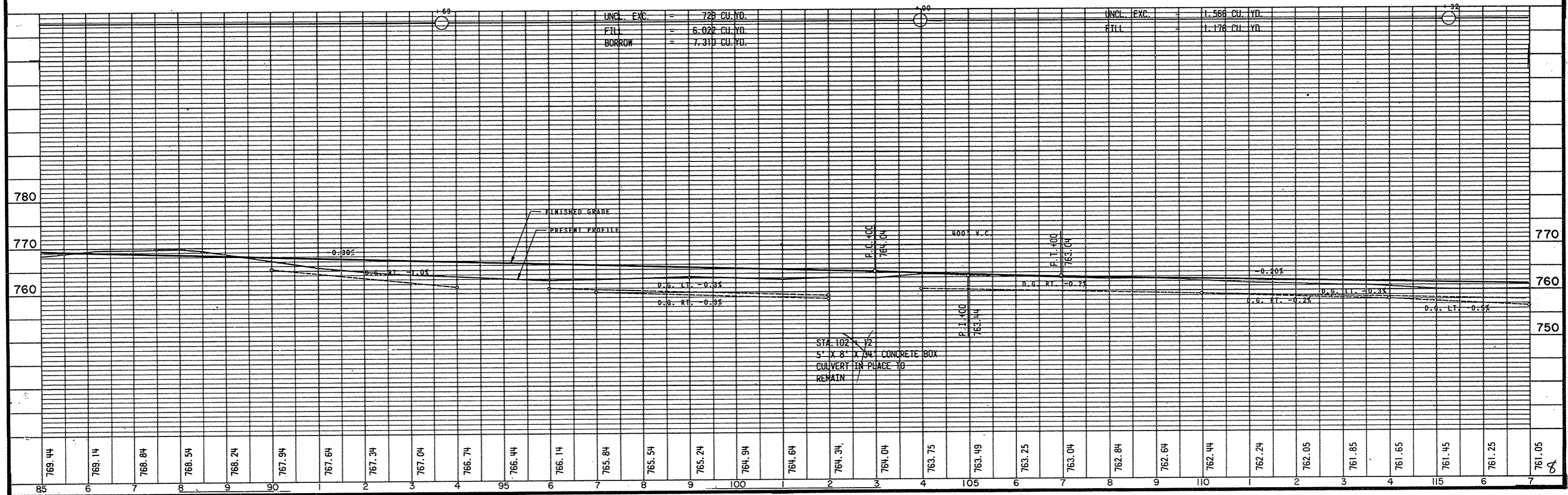
PROJECT I. D.	SHEET NUMBER	TOTAL SHEETS
6460-2- 72,73	8	91
FEDERAL PROJECT DESIGNATION		
S 1260(3)		



STA. 97 + 05 P.E. LEFT
 1 - 18"X34' CULVERT PIPE CLASS III REQUIRED
 2 - APRON ENDWALLS REQUIRED

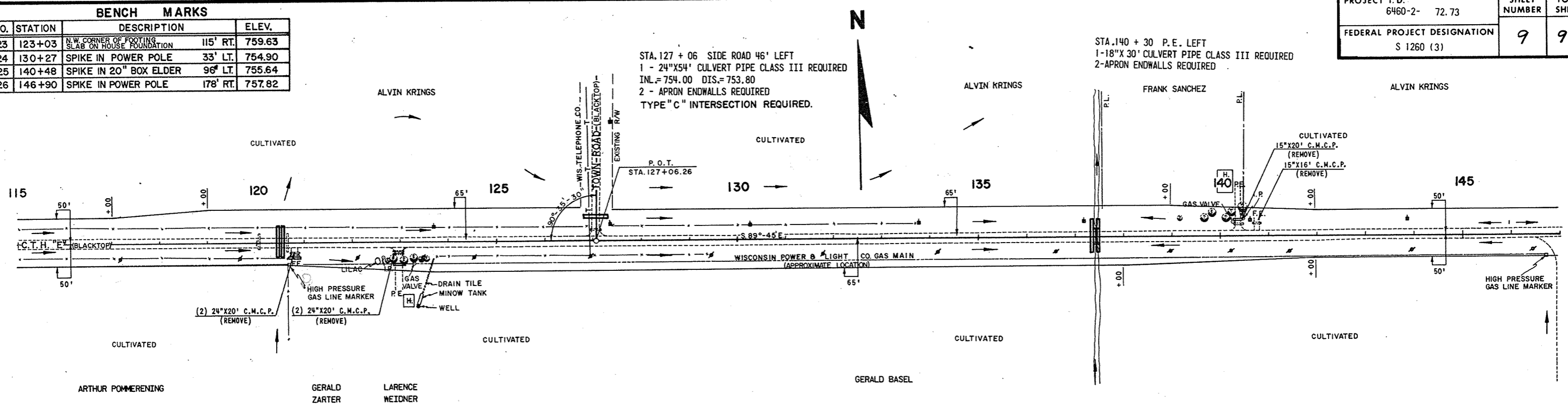
STA. 92 + 45 P.E. RIGHT
 1 - 18"X30' CULVERT PIPE CLASS III REQUIRED
 2 - APRON ENDWALLS REQUIRED

STA. 95 + 25 F.E. RIGHT
 1 - 18"X36' CULVERT PIPE CLASS III REQUIRED
 2 - APRON ENDWALLS REQUIRED



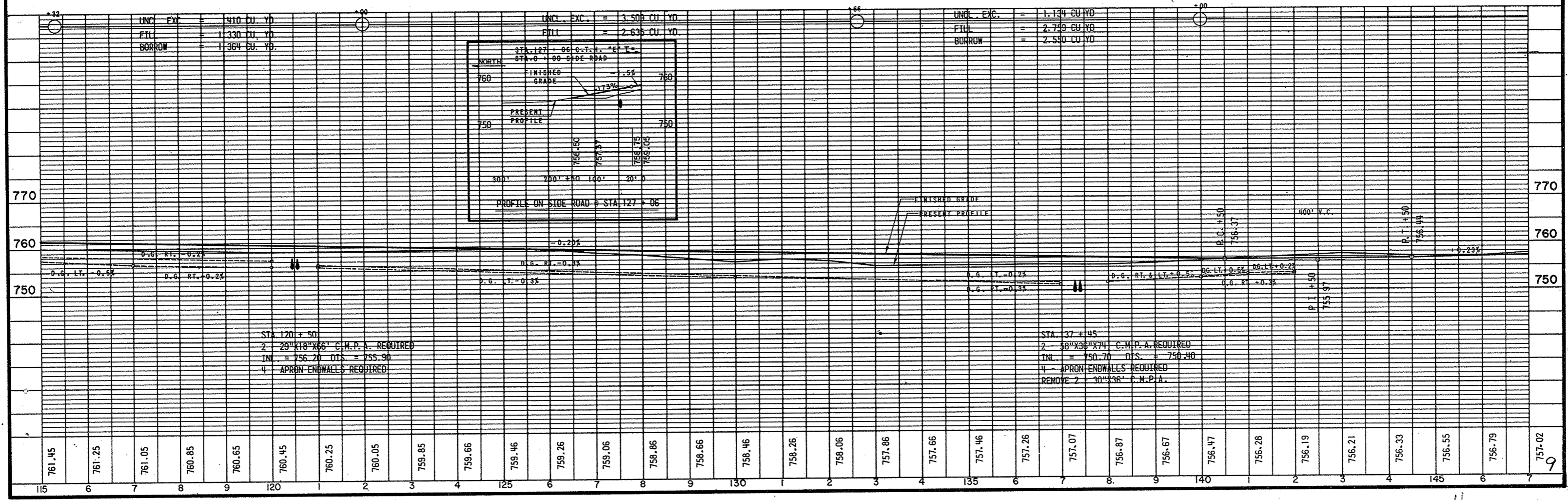
PROJECT I. D. 6460-2- 72.73	SHEET NUMBER 9	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260 (3)		

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
23	123+03	N.W. CORNER OF FOOTING SLAB ON HOUSE FOUNDATION	115' RT. 759.63
24	130+27	SPIKE IN POWER POLE	33' LT. 754.90
25	140+48	SPIKE IN 20" BOX ELDER	96' LT. 755.64
26	146+90	SPIKE IN POWER POLE	178' RT. 757.82



STA. 120 + 80 P.E. RIGHT
1 - 43"X27"X32' C.M.P.A. REQUIRED
2 - APRON ENDWALLS REQUIRED

STA. 122 + 95 P.E. RIGHT
1 - 36"X32' CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED

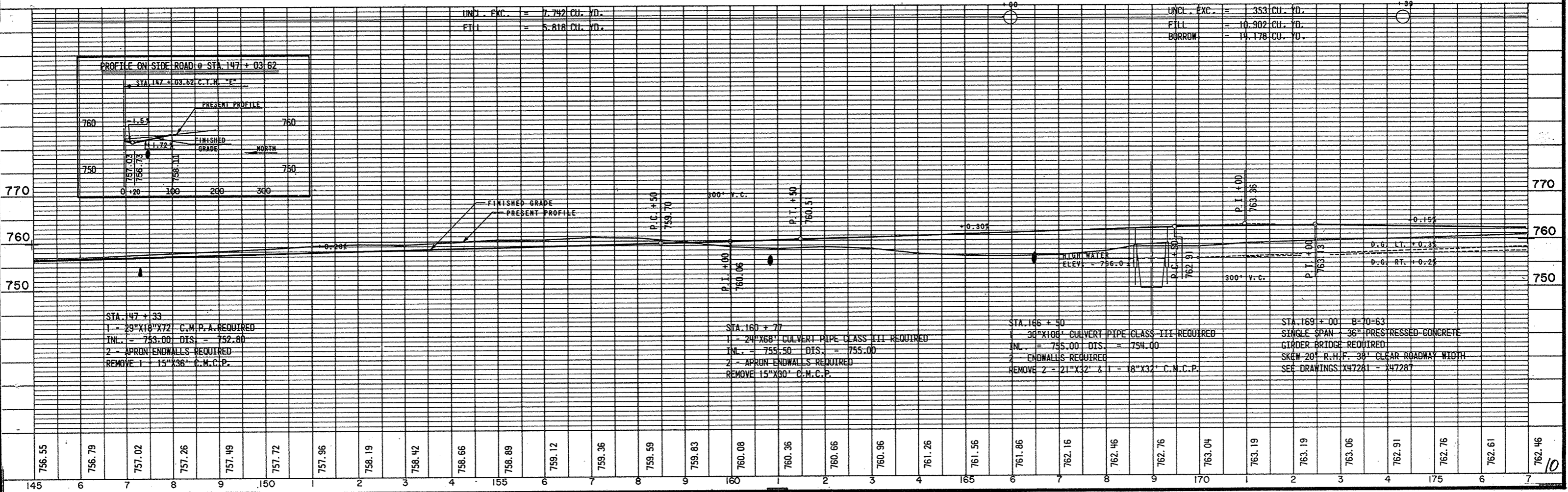
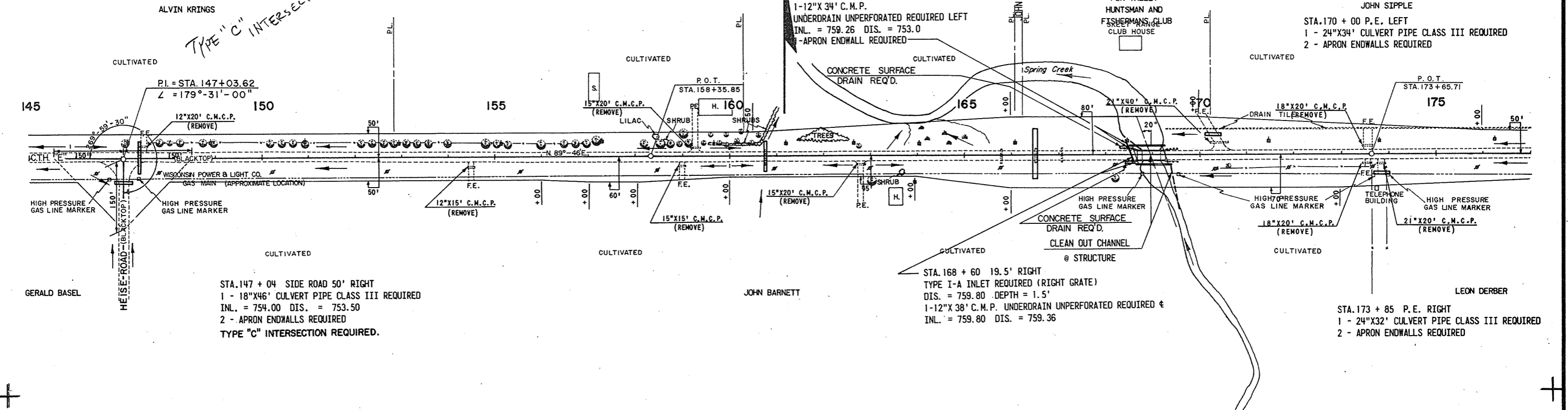


STA. 120 + 50
2 - 28"X18"X66' C.M.P.A. REQUIRED
INL. = 756.20 DIS. = 755.90
4 - APRON ENDWALLS REQUIRED

STA. 137 + 45
2 - 58"X36"X74' C.M.P.A. REQUIRED
INL. = 750.70 DIS. = 750.40
4 - APRON ENDWALLS REQUIRED
REMOVE 2 - 30"X36' C.M.P.A.

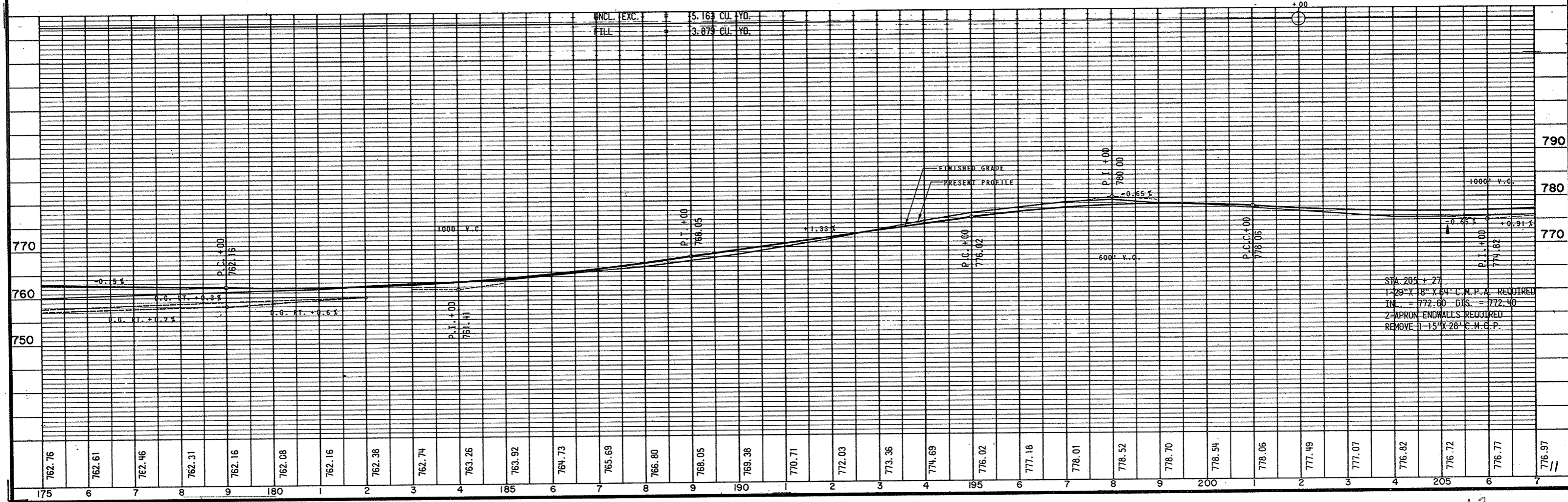
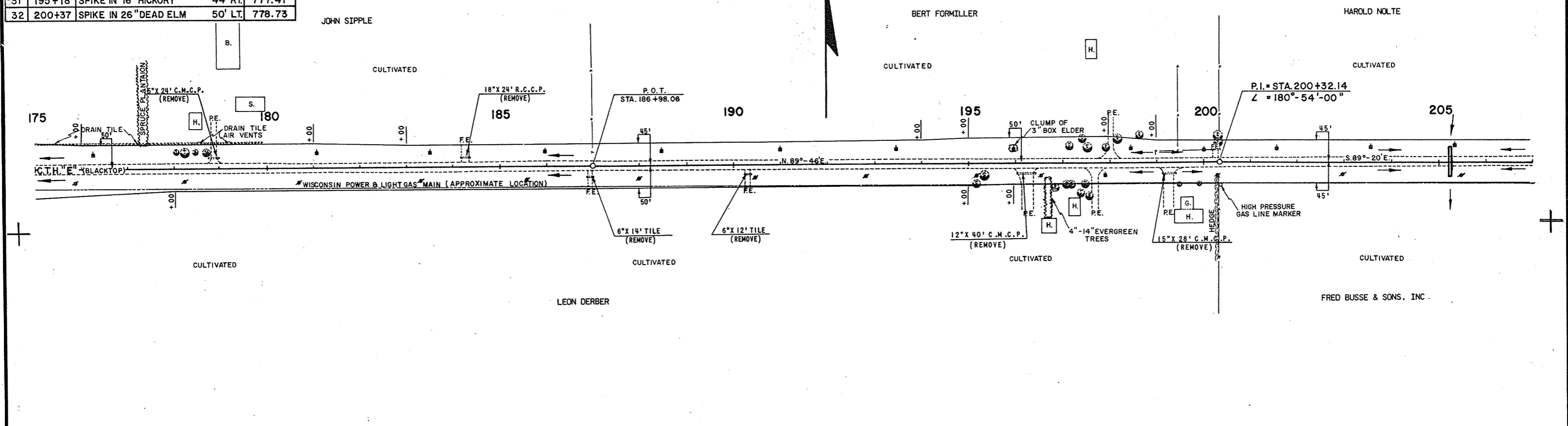
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
26	146+90	SPIKE IN POWER POLE 178' RT.	757.82
27	159+04	SPIKE IN 22" MAPLE 50' LT.	759.23
28	167+60	SPIKE IN 24" OAK STUB 225' RT.	757.35

PROJECT I.D. 6460-2-71,72,73	SHEET NUMBER 10	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260 (3)		



BENCH MARKS				
NO.	STATION	DESCRIPTION		ELEV.
29	178+12	SPIKE IN 28" BOX ELDER	72' LT.	761.26
30	186+95	SPIKE IN 32" COTTONWOOD	150' RT.	765.04
31	195+18	SPIKE IN 16" HICKORY	44' RT.	777.41
32	200+37	SPIKE IN 26" DEAD ELM	50' LT.	778.73

PROJECT I.D. 6460-2- 72,73	SHEET NUMBER 11	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S1260(3)		



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
33	210+35	SPIKE IN 1/2" BALSM	75' LT. 776.27
34	221+34	SPIKE IN POWER POLE	38' LT. 789.33
35	229+18	SPIKE IN 1/6" SPRUCE	86' LT. 796.13

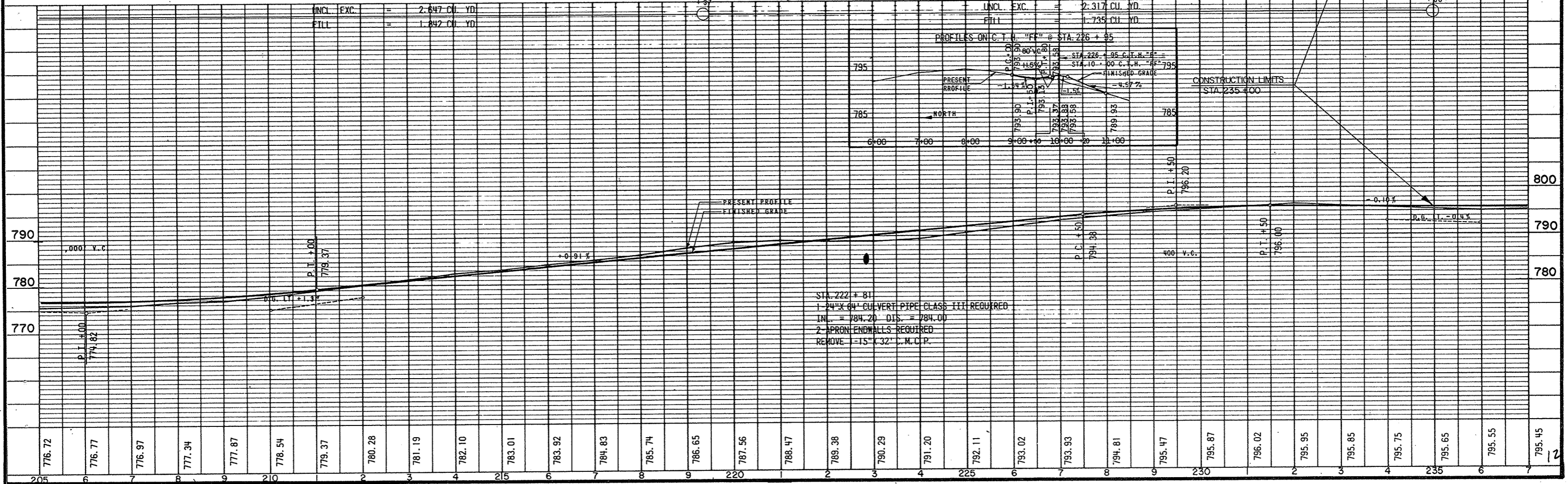
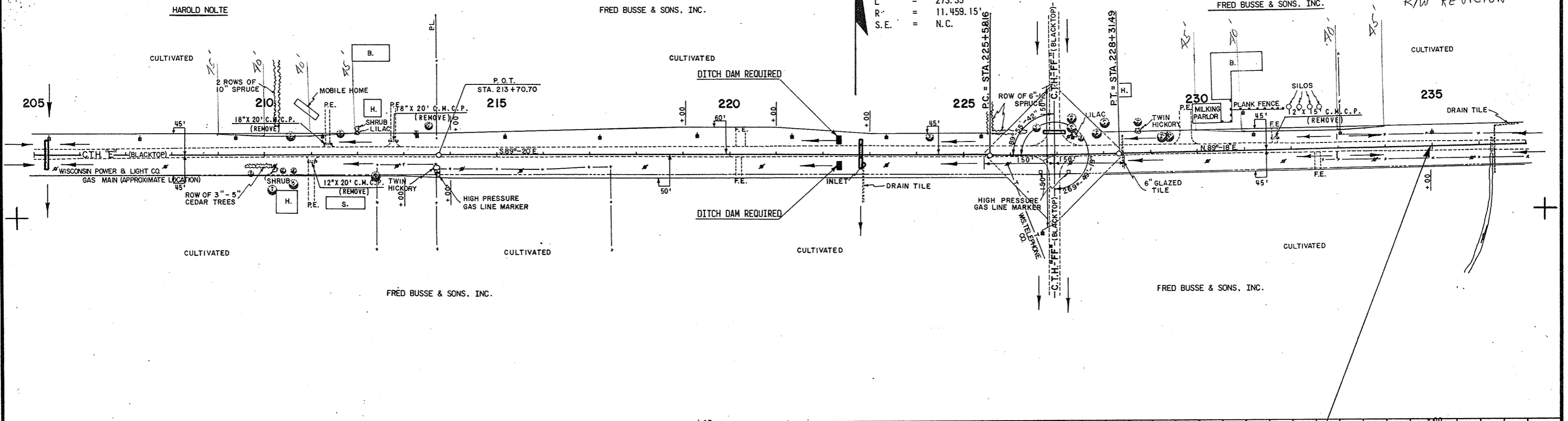
R/W REVISION

CURVE NOTES

P. I. = 226 + 94.83
 L = 178 - 38' - 00"
 Δ = 1 - 22' - 00"
 D = 0 - 30'
 T = 136.67'
 L = 273.33'
 R = 11,459.15'
 S.E. = N.C.

STA. 226 + 96 SIDE ROAD - 50' LEFT
 1-22" X 13" X 38' C.M.P. A. REQUIRED
 INL. = 790.00 DIS. = 789.50
 2-APRON ENDWALLS REQUIRED
 TYPE "C" INTERSECTION REQUIRED, LEFT & RIGHT.

PROJECT I.D. 6460-2- 72,73	SHEET NUMBER 12	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260 (3)		



PROJECT I.D. 6460-2- 72,73	SHEET NUMBER 13	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260(3)		

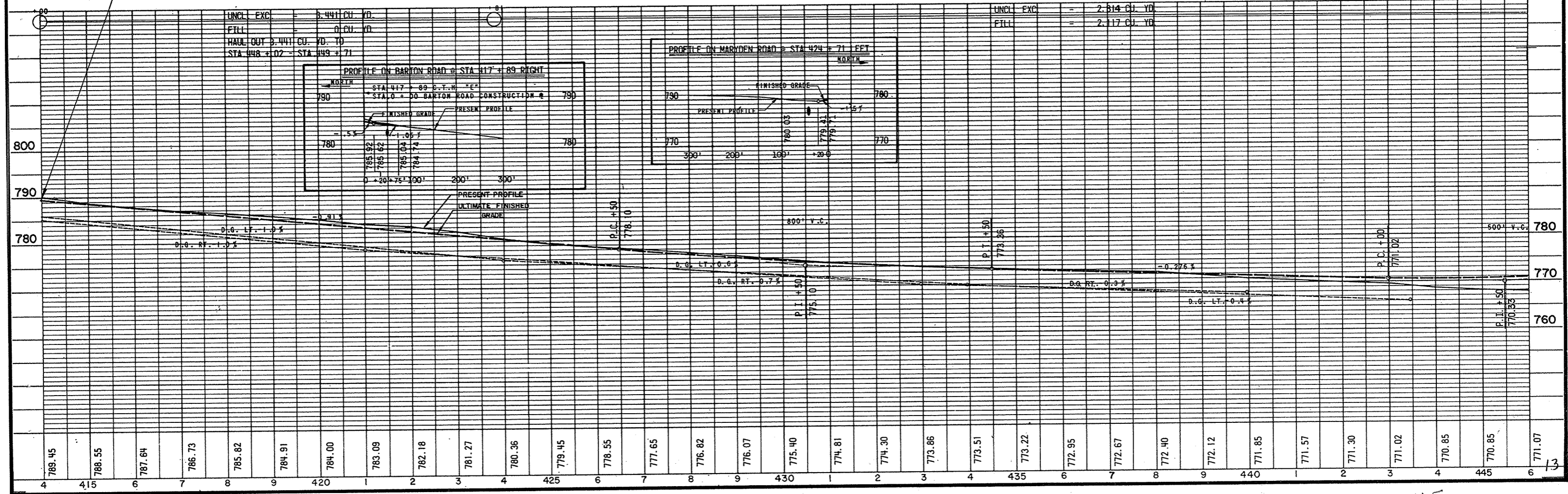
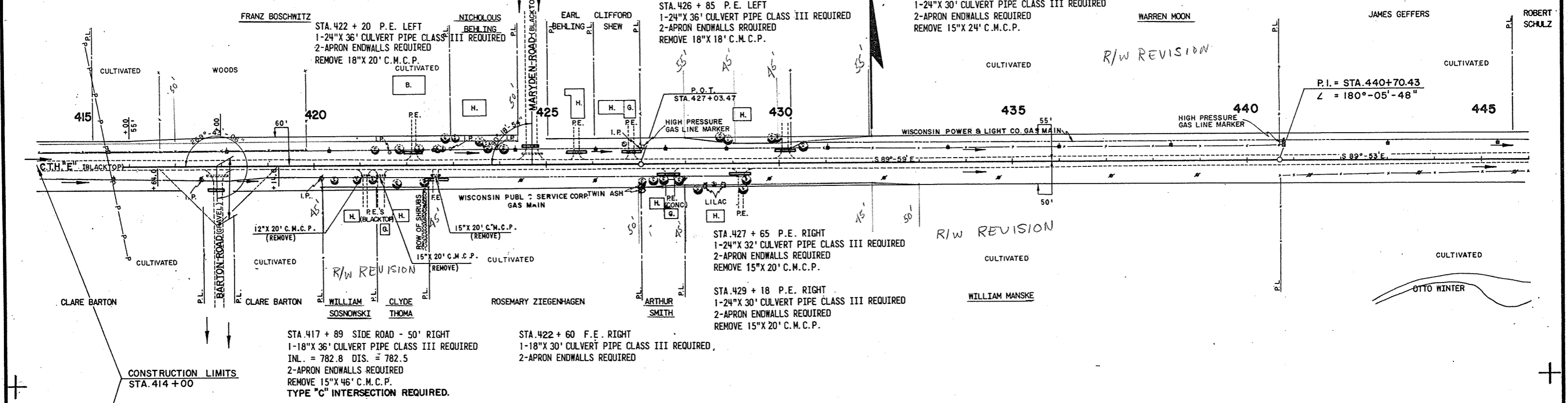
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
56	419+45	SPIKE IN 12" HICKORY	60' LT. 785.70
57	428+70	SPIKE IN 26" OAK	50' LT. 777.05
58	435+95	SPIKE IN POWER POLE	28' LT. 771.64

R/W REVISION

N

R/W REVISION

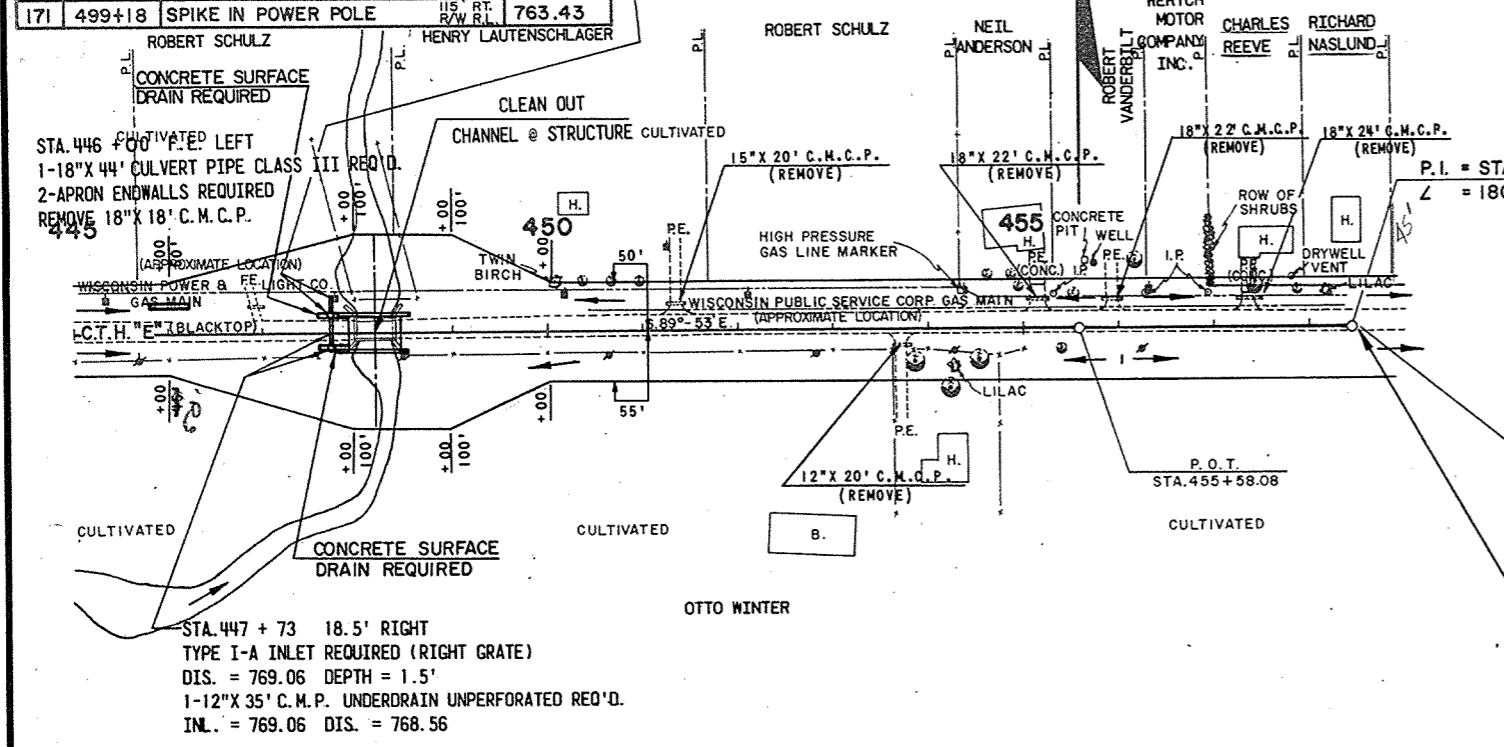
R/W REVISION



PROJECT I. D. 6460-2-71,72,73	SHEET NUMBER 14	TOTAL SHEETS 91
FEDERAL PROJECT DESIGNATION S 1260 (3)		

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
59	448+40	PT. MK. TOP N.E. WINGWALL	20' LT. 767.20
60	454+22	SPIKE IN 14" OAK	45' RT. 779.17
61	457+58	S.E. CORNER OF ENTRY SLAB OF HOUSE (FRONT DOOR)	82' LT. 779.58
171	499+18	SPIKE IN POWER POLE	15' RT. R/W RT. 763.43

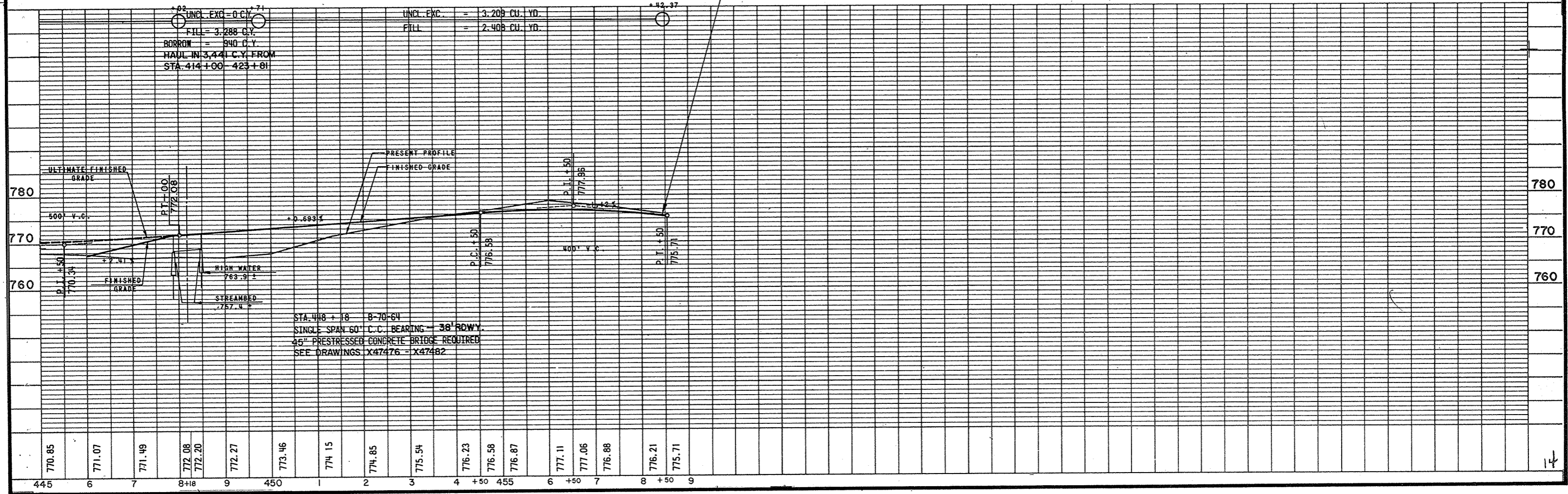
STA. 447 + 73 18.5' LEFT
 TYPE I-A INLET REQUIRED (LEFT GRATE)
 INL. = 768.56 DIS. = 768.56 DEPTH = 2.0'
 1-12"X41' C.M.P. UNDERDRAIN UNPERFORATED REQ'D LT.
 INL. = 768.56 DIS. = 760.50
 1-APRON ENDWALL REQUIRED



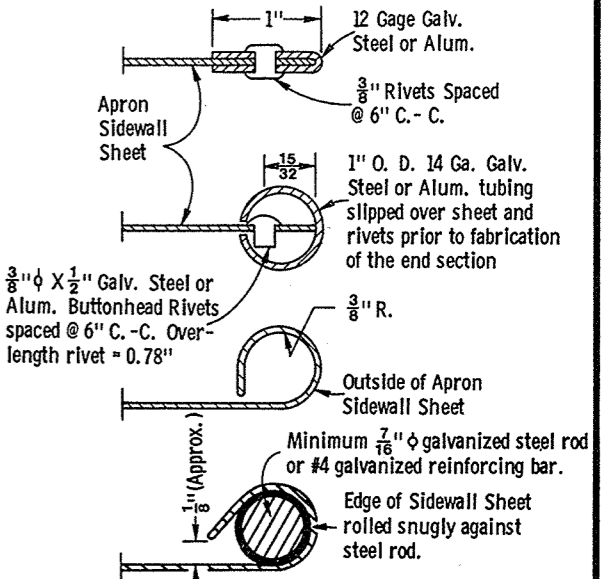
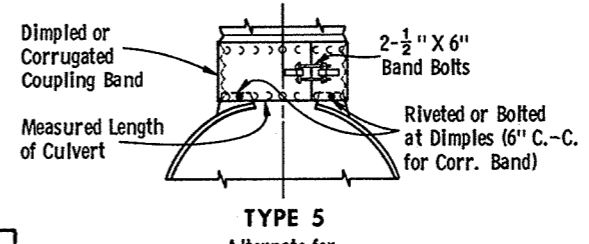
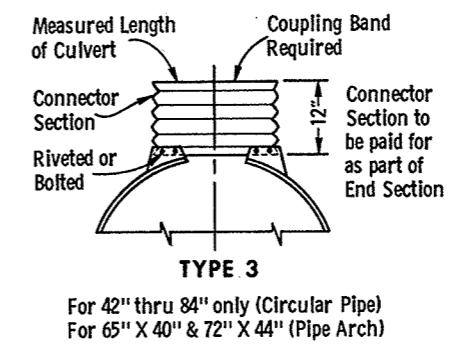
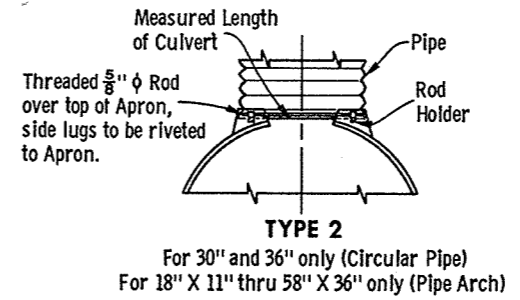
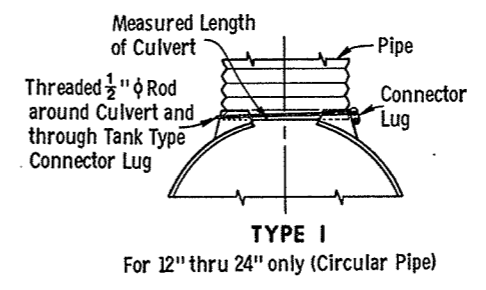
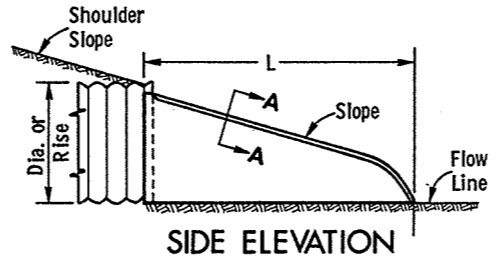
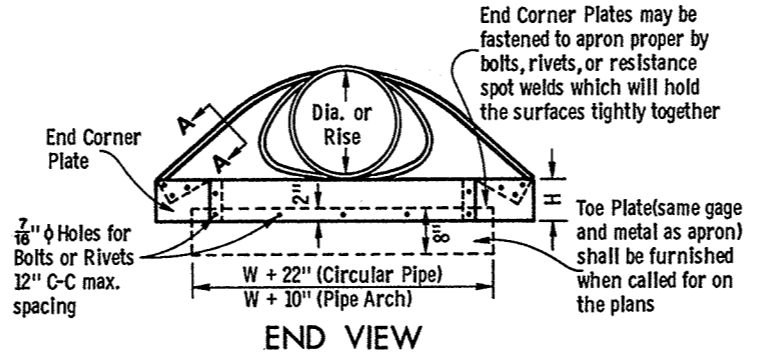
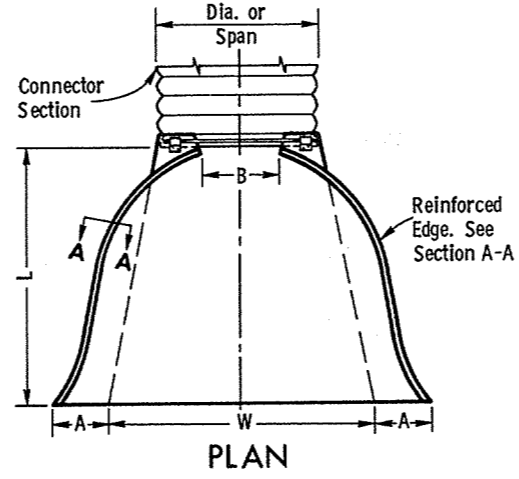
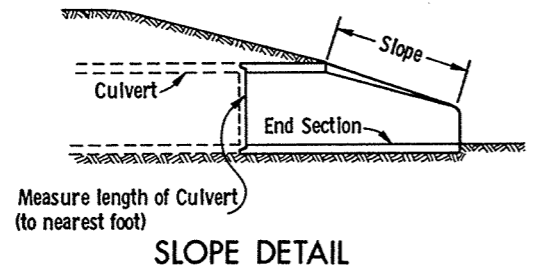
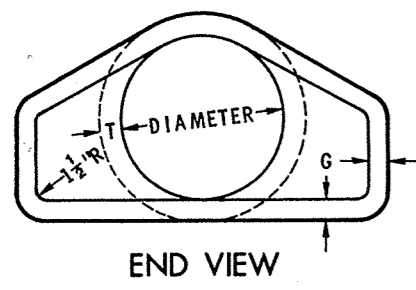
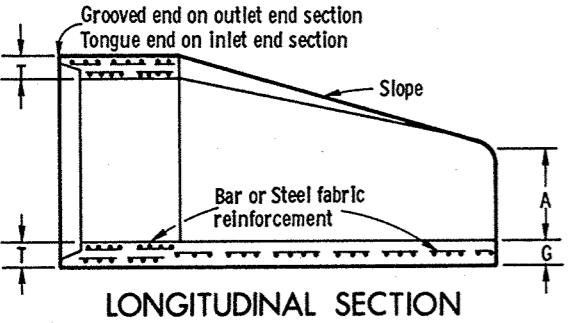
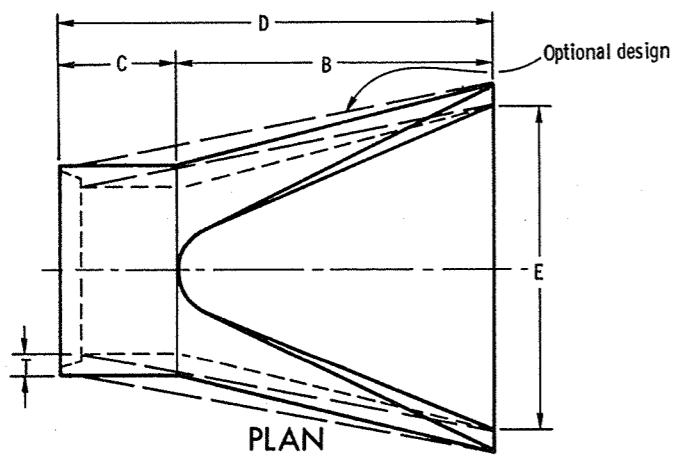
R/W REVISION

STA. 458 + 42.37 BACK =
 STA. 19 + 00 AHEAD
 PROJECT I. D. 1121-5-71

END OF PROJECT S1260(3) / 6460-2-71,72,73
 STA. 458 + 42.37



STA. 448 + 18 8-70-64
 SINGLE SPAN 60' C.C. BEARING - 38' ROWY.
 45" PRESTRESSED CONCRETE BRIDGE REQUIRED
 SEE DRAWINGS X47476 - X47482



SECTION A-A

GENERAL NOTES

Details of construction, materials, and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

Variations of the dimensions and designs shown herein will be permitted providing equivalent capacity and structural integrity are attained, and prior approval of the Engineer is obtained.

Concrete culvert endwalls may not be used with metal or aluminum culvert pipe, nor may metal or aluminum culvert endwalls be used with concrete culvert pipe.

When two or more pipes or pipe arches with apron endwalls are to be laid adjacent to each other, they shall be separated by the following amount:

Pipes: Total width of apron endwall less the diameter of pipe plus 6 inches.

Pipe Arches: Total width of apron endwall less the span dimension of the pipe arch plus 6 inches.

DIA.	APPROX. WEIGHT/SECTION	APPROX. SLOPE	T	A	B	C	D	E	G
12"	530	3 to 1	2"	4"	24"	48 7/8"	72 7/8"	24"	2"
15"	740	3 to 1	2 1/4"	6"	27"	46"	73"	30"	2 1/4"
18"	990	3 to 1	2 1/2"	9"	27"	46"	73"	36"	2 1/2"
21"	1,280	3 to 1	2 3/4"	9"	36"	37 1/2"	73 1/2"	42"	2 3/4"
24"	1,520	3 to 1	3"	9 1/2"	43 1/2"	30"	73 1/2"	48"	3"
27"	1,930	3 to 1	3 1/4"	10 1/2"	49 1/2"	24"	73 1/2"	54"	3 1/4"
30"	2,190	3 to 1	3 1/2"	12"	54"	19 3/4"	73 3/4"	60"	3 1/2"
36"	4,100	3 to 1	4"	15"	63"	34 3/4"	97 3/4"	72"	4"
42"	5,380	3 to 1	4 1/2"	21"	63"	35"	98"	78"	4 1/2"
48"	6,550	3 to 1	5"	24"	72"	26"	98"	84"	5"
54"	8,040	2 1/2 to 1	5 1/2"	27"	65"	33 1/4" - 35"	98 1/4" - 100"	90"	5"
60"	8,730	2 to 1	6"	30"	60"	39"	99"	96"	5"
66"	10,630	2 to 1	6 1/2"	30"	60"	39"	99"	102"	5 1/2"
72"	12,520	2 to 1	7"	36"	78"	21"	99"	108"	6"
78"	14,430	2 to 1	7 1/2"	36"	78"	21"	99"	114"	6 1/2"
84"	18,160	1 1/2 to 1	8"	36"	90 1/2"	21"	111 1/2"	120"	6 1/2"

** Minimum
* Maximum
REINFORCED CONCRETE APRON ENDWALLS

D PIPE DIAM.	MIN. METAL GAGE	MIN. ALUM. GAGE	DIMENSIONS					APPROX. SLOPE
			A ± 1"	B MAX.	H ± 1"	L ± 1 1/2"	W ± 2"	
12"	16	16	6"	6"	6"	21"	24"	2 1/2 to 1
15"	16	16	7"	8"	6"	26"	30"	"
18"	16	16	8"	10"	6"	31"	36"	"
21"	16	16	9"	12"	6"	36"	42"	"
24"	16	14	10"	13"	6"	41"	48"	"
30"	14	14	12"	16"	8"	51"	60"	"
36"	14	12	14"	19"	9"	60"	72"	"
42"	12	12	16"	22"	11"	69"	84"	"
48"	12	12	18"	27"	12"	78"	90"	2 1/4 to 1
54"	12	12	18"	30"	12"	84"	102"	2 to 1
60"	10	8	18"	33"	12"	87"	114"	1 3/4 to 1
66"	10	8	18"	36"	12"	87"	120"	1 1/2 to 1
72"	10	8	18"	39"	12"	87"	126"	1 1/3 to 1
78"	8	NA	18"	42"	12"	87"	132"	1 1/4 to 1
84"	8	NA	18"	45"	12"	87"	138"	1 1/8 to 1

NOTE: All splices to be lap riveted or bolted
METAL OR ALUMINUM APRON ENDWALLS FOR CIRCULAR PIPES

PIPE - ARCH DIMENSIONS	GAGE MIN.	DIMENSIONS					APPROX. SLOPE
		A ± 1"	B MAX.	H ± 1"	L ± 1 1/2"	W ± 2"	
18" 11"	16	7"	9"	6"	19"	30"	2 1/2 to 1
22" 13"	16	7"	10"	6"	23"	36"	"
25" 16"	16	8"	12"	6"	28"	42"	"
29" 18"	16	9"	14"	6"	32"	48"	"
36" 22"	14	10"	16"	6"	39"	60"	"
43" 27"	14	12"	18"	8"	46"	75"	"
50" 31"	12	13"	21"	9"	53"	85"	"
58" 36"	12	18"	26"	12"	63"	90"	"
65" 40"	12	18"	30"	12"	70"	102"	2 1/4 to 1
72" 44"	12	18"	33"	12"	77"	114"	"

NOTE: All splices to be lap riveted or bolted

METAL APRON ENDWALLS FOR PIPE ARCHES

NOTE: Dimpled Band fits over Outside of Endwall, and Corr. Band fits Inside Endwall. Dimpled Band may be used with Helically Corrugated Pipe

CONNECTION DETAILS

CIRCULAR PIPE
For Circumferentially Corrugated Pipe use Endwall Connection Details 1, 2, 3, or 5 as applicable.
For Helically Corrugated Pipe use Endwall Connection Details 1, 2 or 5.
For Helically Corrugated Pipes with two Circumferential Corrugations at each end use Endwall Connection Details 1, 2, or 3

PIPE ARCH
Use Endwall Connection Details 2, 3, or 5 as applicable.

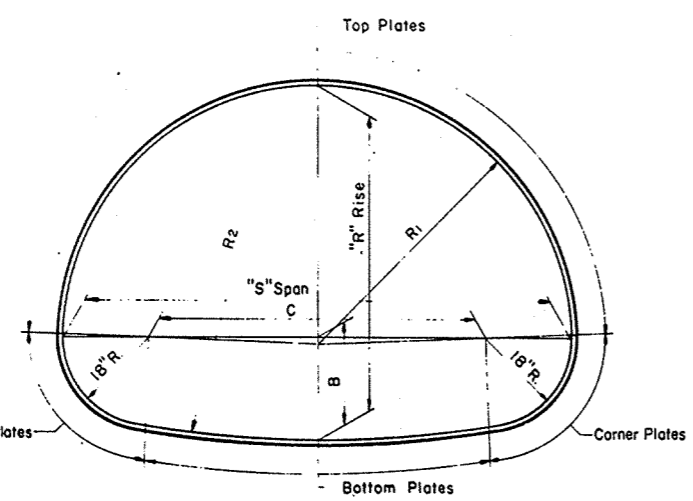
APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

State of Wisconsin
Department of Transportation
Division of Highways

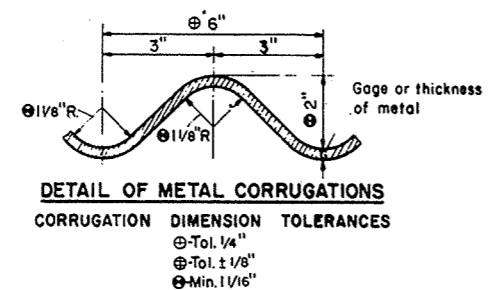
RECOMMENDED FOR APPROVAL: *L. O. ...*
DATE: 4-11-72
CHIEF DESIGN ENGINEER

APPROVED: *S. E. ...*
DATE: 4-11-72
STATE HIGHWAY ENGINEER

S.D.D. 8F1-2



STRUCTURAL PLATE PIPE ARCH



DETAIL OF METAL CORRUGATIONS
CORRUGATION DIMENSION TOLERANCES
⊕-Tol. 1/8"
⊕-Tol. ± 1/8"
⊕-Min. 1/16"

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, and the applicable Special Provisions.

TOLERANCES

Pipe Arch size dimensions are subject to manufacturing tolerances and the ratio of rise (R) to span (S) shall not exceed a tolerance of 5% plus or minus.

Metal corrugation dimension tolerances shall not exceed pertinent dimensions shown elsewhere on this drawing.

EMBANKMENT—Minimum for ϕ Culverts

For Flexible Type Pavement, the minimum depth of embankment or cover over top of Pipe Arch (finished construction) shall be "S"/10 or 1'-0" minimum.

For Rigid Type Pavement, the minimum depth of embankment over top of Pipe Arch shall be "S"/14 or a minimum of 6" cushion between pipe and pavement.

EMBANKMENT—Maximum for ϕ Culverts

The maximum depth of embankment shall be 15 feet (finished construction).

Adequate cover protection for Pipe Arches shall be provided at all times during construction operations to preclude any damage to structures.

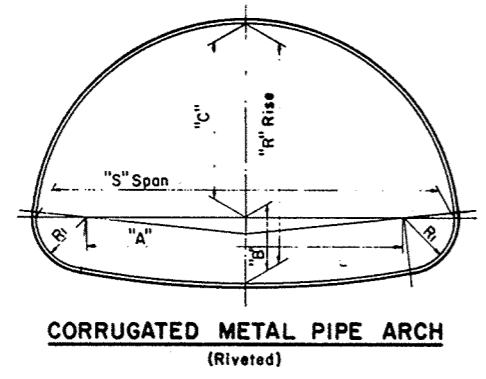
Strutting of Pipe Arches will not be required during construction unless specifically called for on the plans or the applicable Special Provisions.

TABLE OF PROPERTIES
STRUCTURAL PLATE PIPE ARCH

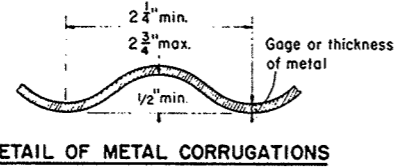
SPAN Nominal Size	Dimensions taken from inside crests of corrugations							Table of Metal Gages—Minimum Acceptable																			
	Fabricators Size Min. Acceptable	R/S Ratio	Area Sq.Ft.	B In.	C In.	R1 In.	R2 In.	H-20 LOADING																			
								Depth of Embankment in Feet																			
"S" Span — "R" Rise	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15																										
6 Feet	6'-1" x 4'-7"	.75	22	21.0	37.0	36.7	76.4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7 "	7'-0" x 5'-1"	.73	28	21.4	48.0	42.3	104.5	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10
8 "	7'-11" x 5'-7"	.70	35	21.7	59.0	47.7	138.4	10	10	10	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10
9 "	8'-10" x 6'-1"	.69	43	21.8	70.0	53.0	179.2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8
10 "	9'-9" x 6'-7"	.67	52	21.9	81.0	58.3	228.0	8	8	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	7	7
11 "	10'-11" x 7'-1"	.65	61	25.1	95.0	65.8	180.8	8	8	8	10	10	10	10	10	10	10	10	8	8	8	7	7	7	5	5	3
12 "	11'-10" x 7'-7"	.64	71	25.2	106.0	71.1	217.0	7	8	8	8	8	8	8	8	8	8	8	7	7	5	5	3	3	1	1	1
13 "	12'-10" x 8'-4"	.65	85	24.0	118.0	77.2	315.2	5	7	8	8	8	8	8	8	8	8	7	7	5	5	3	3	1	1	1	1
14 "	13'-11" x 8'-7"	.62	93	28.9	131.0	84.4	220.8	5	5	7	7	8	8	8	8	7	7	5	5	3	3	1	1	1	1	1	1
15 "	14'-10" x 9'-1"	.61	105	28.9	142.0	89.5	254.9	3	5	5	7	7	7	7	7	5	3	3	1	1	1	1	1	1	1	1	1
16 "	15'-10" x 9'-10"	.62	122	27.4	154.0	95.4	339.1	1	3	5	5	7	7	7	5	3	3	1	1	1	1	1	1	1	1	1	1
16.5 "	16'-7" x 10'-1"	.61	131	28.7	163.0	99.8	333.8	—	1	3	3	5	5	5	3	1	1	1	1	1	1	1	1	1	1	1	1

Note: For sizes of Structural Plate Pipe Arch between those shown in the table, the gage shall be interpolated (based on table data) where possible; otherwise the gage of the next larger size shown in the table shall be used.

STRUCTURAL PLATE PIPE ARCH



CORRUGATED METAL PIPE ARCH (Riveted)



DETAIL OF METAL CORRUGATIONS

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, and the applicable Special Provisions.

TOLERANCES

Tolerance from the dimensions detailing size and shape will be permissible providing equivalent capacity and strength are attained.

EMBANKMENT—Minimum for ϕ Culverts

For Flexible Type Pavement, the minimum depth of embankment or cover over top of Pipe Arch (finished construction) shall be "S"/10 or 9" minimum.

For Rigid Type Pavement, the minimum depth of embankment over top of Pipe Arch shall be "S"/14 or a minimum of 3" cushion between pipe and pavement.

EMBANKMENT—Maximum for ϕ Culverts

The maximum depth of embankment shall be 10 feet (finished construction).

Adequate cover protection for Pipe Arches shall be provided at all times during construction operations to preclude any damage to structures.

TABLE OF DIMENSIONS
CORRUGATED METAL PIPE ARCH

CORRUGATED METAL PIPE ARCH									Round Pipe of Approx. Equal Periphery	
Gage (Min. Acceptable)	"S" Span Inches	"R" Rise Inches	"A" Inches	"B" Inches	"C" Inches	R1 Inches	R/S Ratio	Area Sq.Ft.	Area Sq.Ft.	Diam. Inches
16	18	11	10	4 1/2	6 1/2	3 1/2	.61	1.1	1.23	15
16	22	13	14	4 3/4	8 1/4	4	.59	1.6	1.77	18
16	25	16	17	5 1/4	10 3/4	4	.64	2.2	2.41	21
14	29	18	20	5 1/2	12 1/2	4 1/2	.62	2.8	3.14	24
14	36	22	26	6 1/4	15 3/4	5	.61	4.4	4.91	30
12	43	27	32	7	20	5 1/2	.63	6.4	7.07	36
12	50	31	38	8	23	6	.62	8.7	9.62	42
12	58	36	44	9 1/4	26 3/4	7	.62	11.4	12.57	48
12	65	40	49	10 1/2	29 1/2	8	.62	14.3	15.90	54
10	72	44	54	11 3/4	32 1/4	9	.61	17.6	19.64	60

NOTE: All Dimensions measured from inside crest of corrugations.

CORRUGATED METAL PIPE ARCH

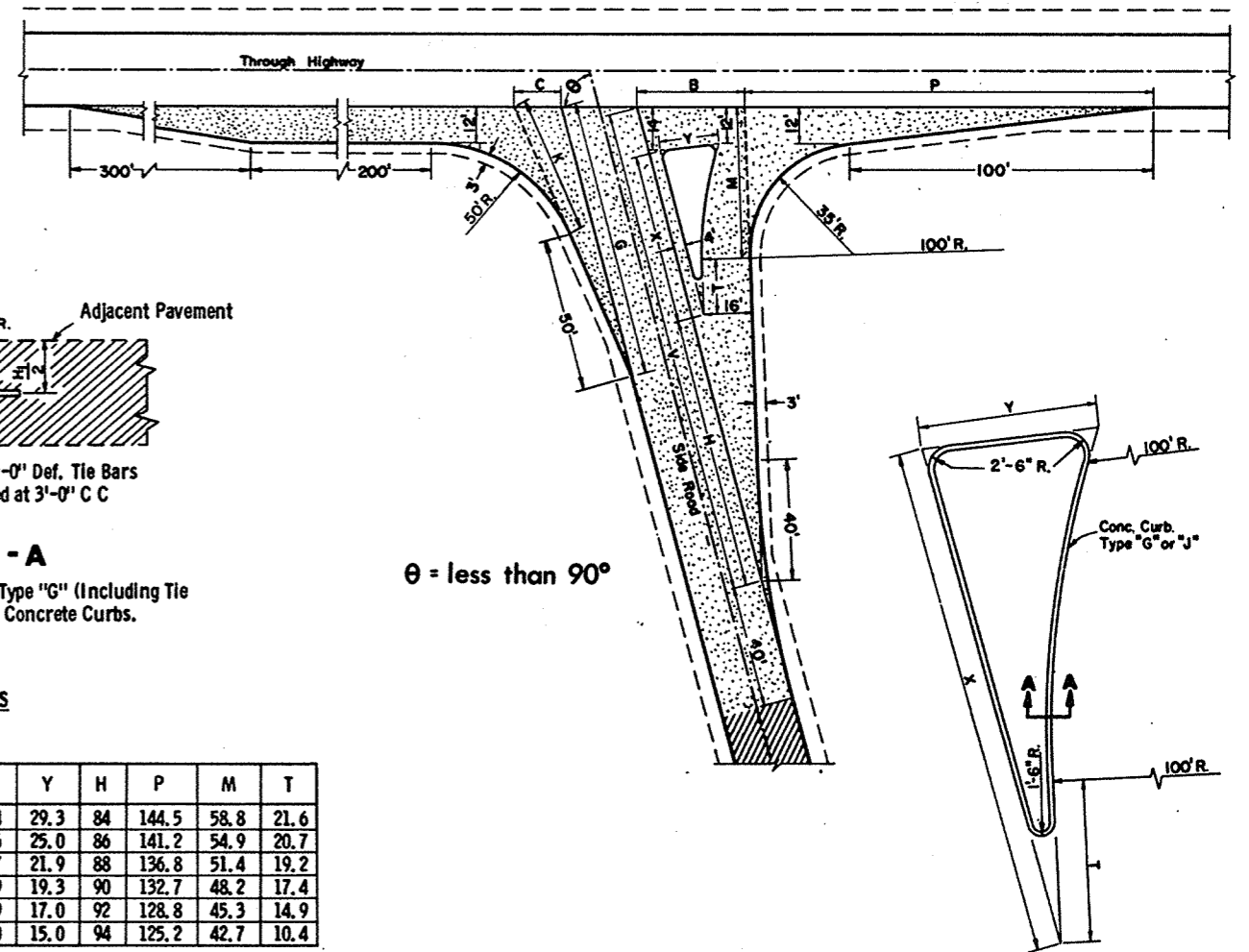
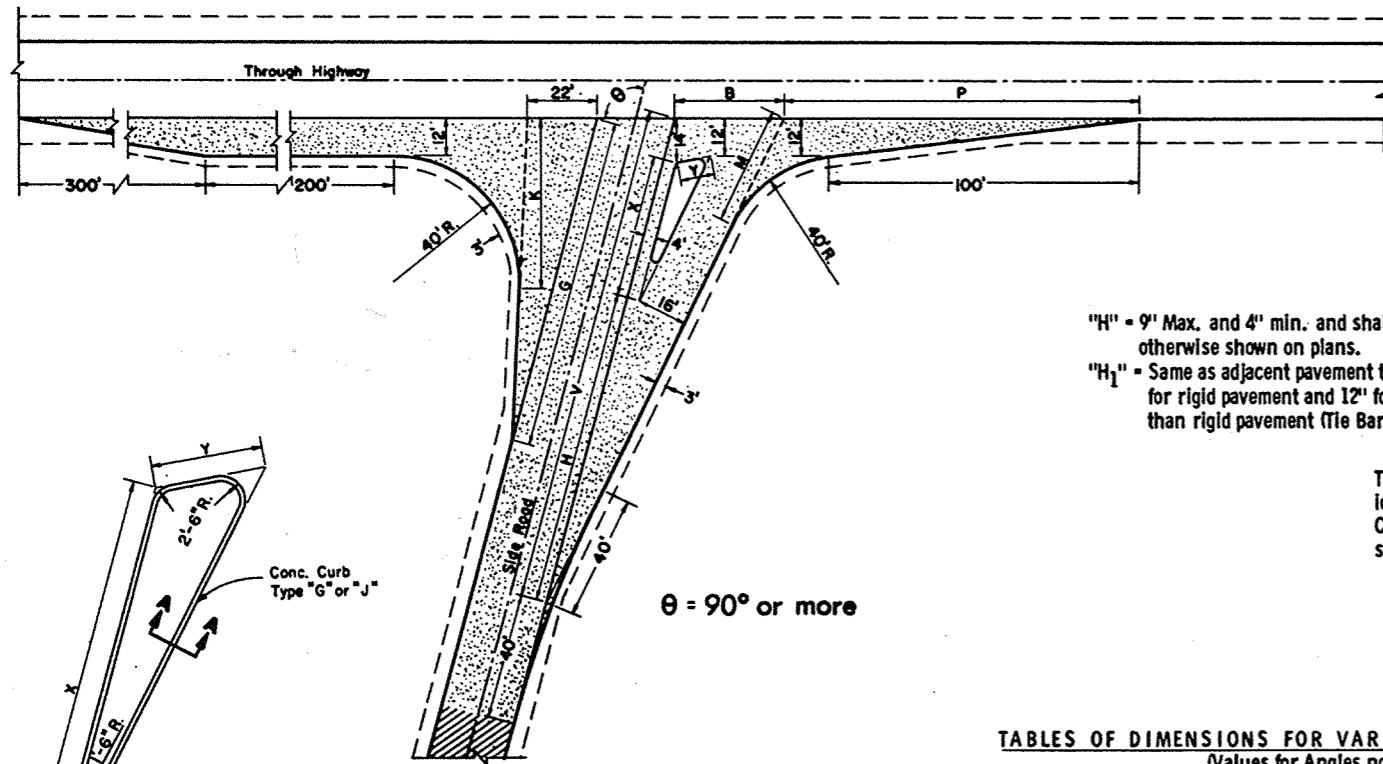
STRUCTURAL PLATE PIPE ARCH
CORRUGATED METAL PIPE ARCH

STATE HIGHWAY COMMISSION OF WISCONSIN

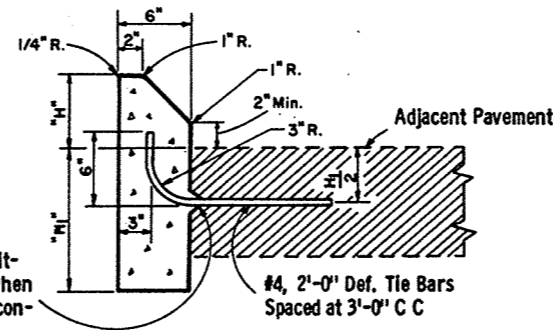
RECOMMENDED FOR APPROVAL:

DATE 2-5-63
APPROVED: J. S. Pelt ENGINEER OF DESIGN

DATE 2/6/63
APPROVED: E. G. Rottlinger STATE HIGHWAY ENGINEER



"H" = 9' Max. and 4' min. and shall be 6' unless otherwise shown on plans.
 "H₁" = Same as adjacent pavement thickness for rigid pavement and 12" for other than rigid pavement (Tie Bars Omitted).



SECTION A - A

Note: To be measured and paid for as Type "G" (Including Tie Bars) or Type "J" (Excluding Tie Bars) Concrete Curbs.

TABLES OF DIMENSIONS FOR VARIABLE SIDE ROAD INTERSECTION ANGLES
 (Values for Angles not shown shall be interpolated)

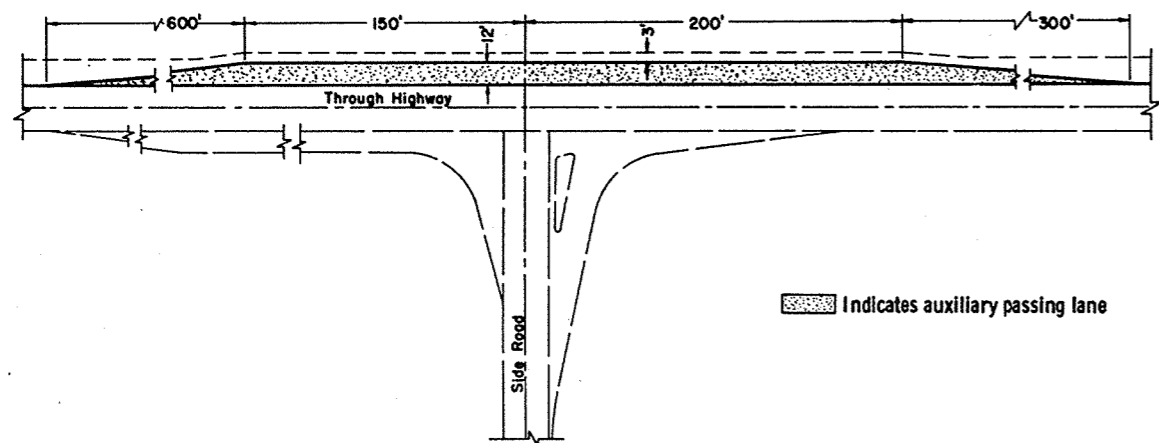
θ	G	K	B	V	H	X	Y	P	M
90	90	43.8	33.9	156.0	94	48.0	11.0	125.0	44.2
95	94	46.7	34.0	156.7	96	47.0	11.0	121.3	41.9
100	98	50.0	34.4	157.4	98	45.9	11.0	117.7	39.7
105	102	53.6	35.2	158.3	100	44.9	11.2	114.2	37.8
110	106	58.2	36.4	159.2	102	43.7	11.4	110.6	36.2
115	110	63.4	38.4	161.8	104	42.6	11.7	107.1	34.8
*120	114	69.4	40.1	161.2	106	41.4	12.2	103.4	33.7

*Maximum angle of intersection

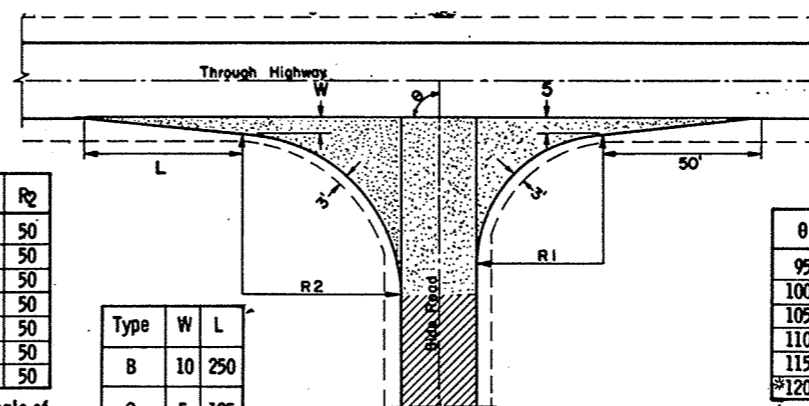
θ	C	G	K	B	V	X	Y	H	P	M	T
*60	19.7	76.3	38.6	41.5	169.9	67.4	29.3	84	144.5	58.8	21.6
65	17.8	82.6	40.6	39.4	166.9	63.6	25.0	86	141.2	54.9	20.7
70	15.8	87.2	43.1	37.4	164.1	59.7	21.9	88	136.8	51.4	19.2
75	15.7	90.9	45.6	35.7	161.4	55.9	19.3	90	132.7	48.2	17.4
80	15.9	94.9	48.3	34.4	158.9	51.9	17.0	92	128.8	45.3	14.9
85	16.2	99.3	51.4	33.4	156.4	48.0	15.0	94	125.2	42.7	10.4

*Desirable Minimum angle of intersection

TYPE "A" SIDE ROAD INTERSECTION DETAILS



PASSING LANE DETAIL



θ	R ₁	R ₂
*60	40	50
65	40	50
70	40	50
75	40	50
80	40	50
85	40	50
90	40	50

*Min. Angle of Intersection

Type	W	L
B	10	250
C	5	125

θ	R ₁	R ₂
95	45	49
100	50	48
105	55	47
110	60	46
115	65	45
*120	70	44

*Max. Angle of Intersection

TYPE "B" & "C" SIDE ROAD INTERSECTION DETAILS

GENERAL NOTES

Designs may be used interchangeably in combination or separately for any one complete intersection depending upon intersection angle and surfacing of each approach roadway.

Details on this drawing are for minimum design only, and not applicable to special conditions, as shown elsewhere on the plans.

SIDE ROAD SURFACING NOTE

If the side road is not presently paved, pavement shall be placed to the limits shown. In the case where the construction limits are beyond the paving limits, gravel or crushed stone surfacing shall be placed between the paving limits and construction limits.

If the side road is presently paved, new pavement shall be placed to the limits of design as shown and beyond, if necessary, to meet existing pavement.

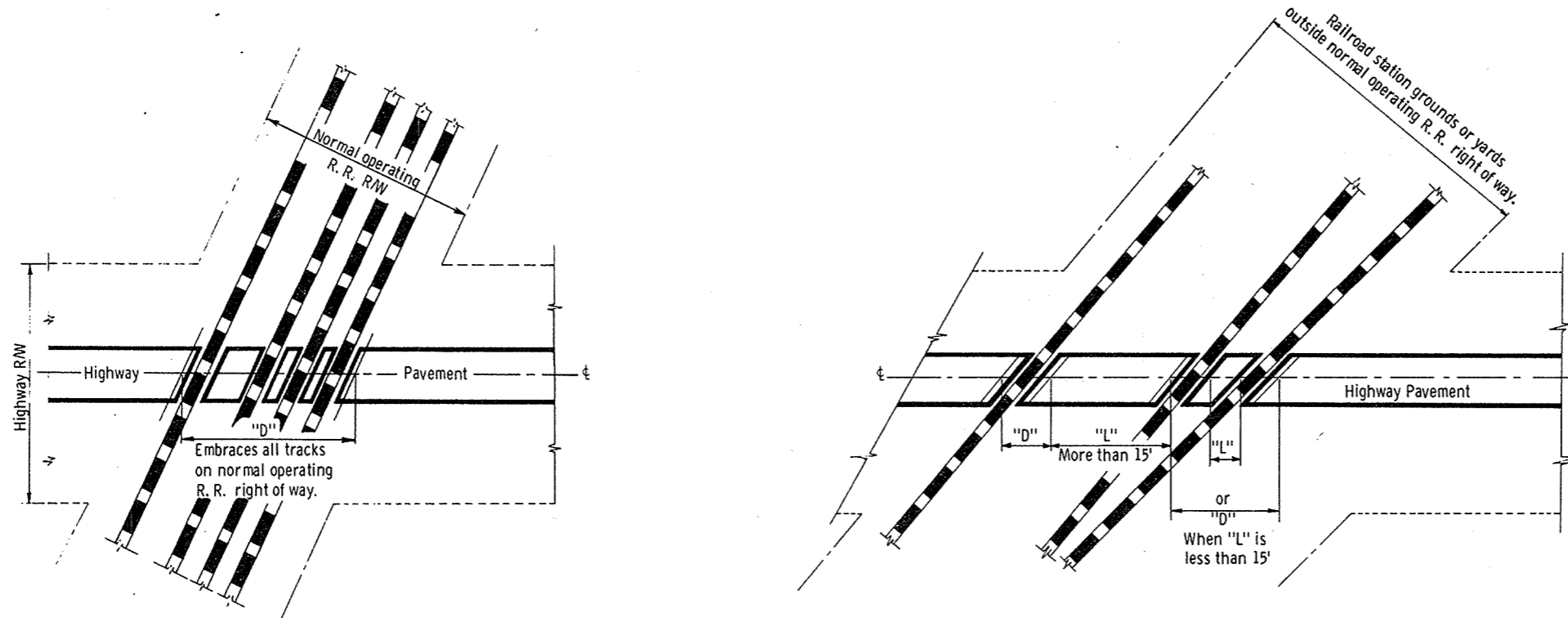
If side road is the construction project, the intersection surfacing shall be the same as for the project.

- New Pavement
- Existing Surface

LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS

State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL:
 DATE: 8/9/67
 DATE: 8/9/67
 E. J. Rydel, CHIEF DESIGN ENGINEER
 APPROVED: [Signature], STATE HIGHWAY ENGINEER

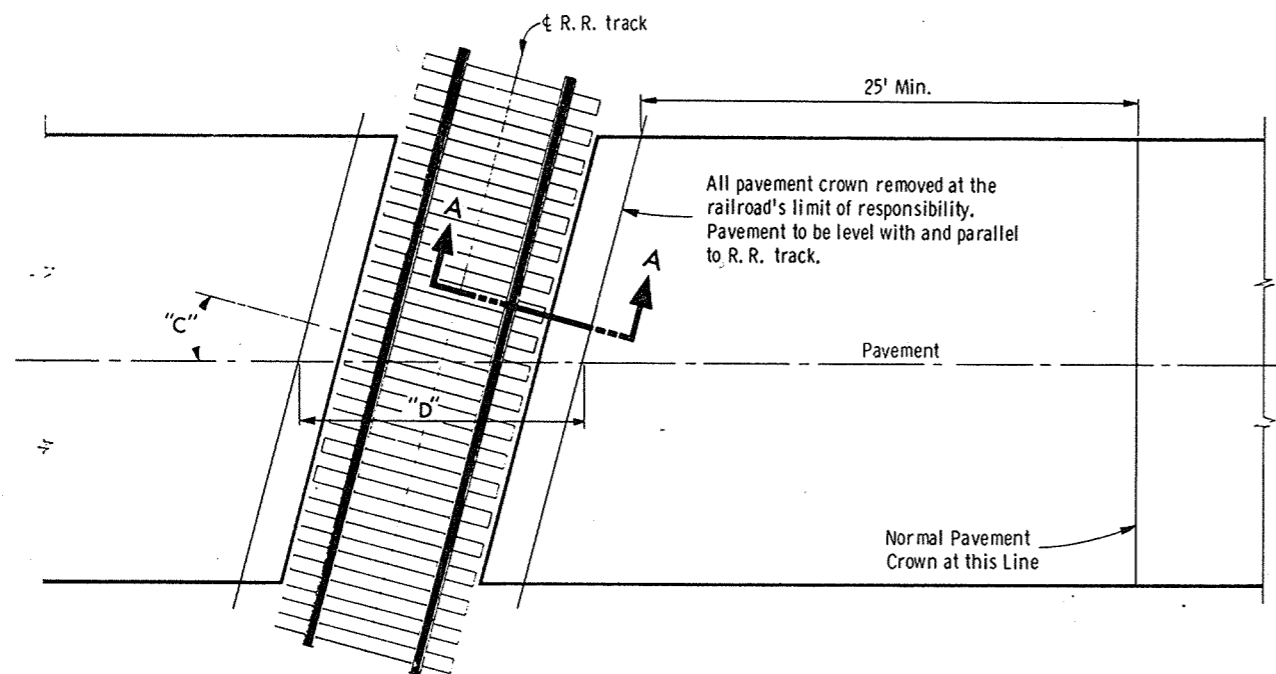


**TYPICAL TYPES OF RAILROAD GRADE CROSSINGS
SHOWING THE RAILROAD'S LIMIT OF RESPONSIBILITY
AND MEASUREMENT DETAILS**

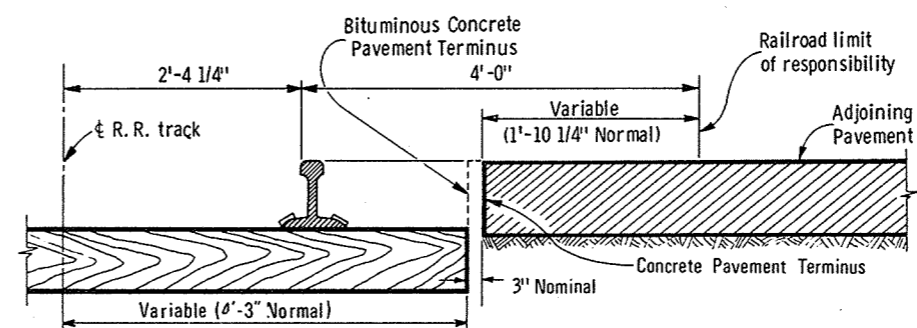
GENERAL NOTES

Details of construction, materials, and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

"D" = Exception to net length of ϵ . Paving or surfacing and shoulder material within limits designated by "D" to be at expense of railroad company. Trackage to industrial sites to be treated same as for trackage to R. R. station grounds or yards outside of normal operating R/W.



NOTE: $D = \frac{12.71}{\cos. "C"}$



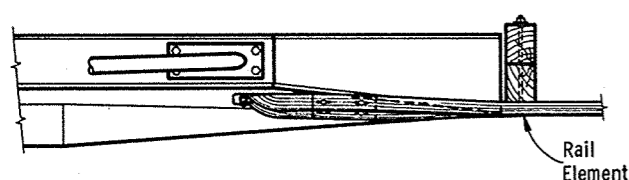
SECTION "A-A"

**RAILROAD APPROACH
CONSTRUCTION DETAILS**

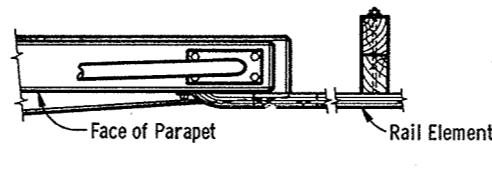
**PAVEMENT DETAILS
FOR RAILROAD APPROACH**

State of Wisconsin
Department of Transportation
Division of Highways

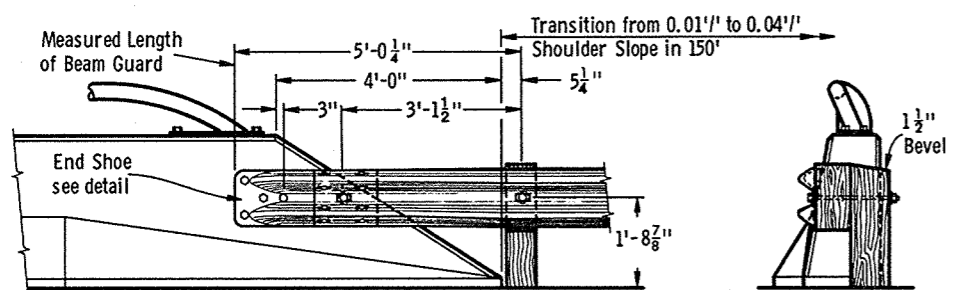
RECOMMENDED FOR APPROVAL
DATE 3/3/69
APPROVED DATE 3/27/69
CHIEF DESIGN ENGINEER
STATE HIGHWAY ENGINEER



PLAN VIEW



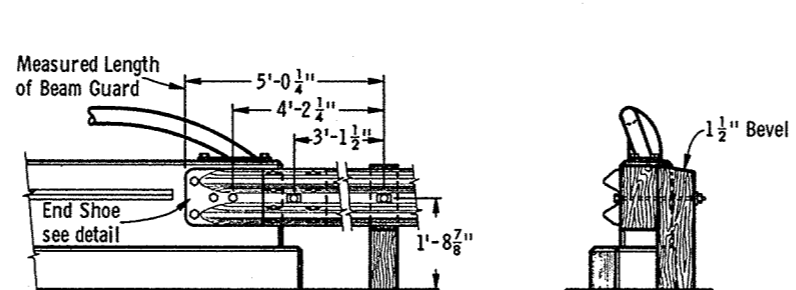
PLAN VIEW



FRONT ELEVATION

END ELEVATION

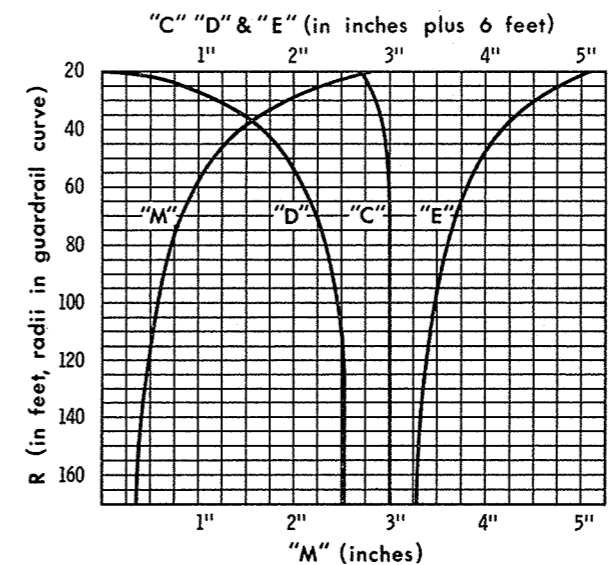
STRUCTURE MOUNTING DETAIL



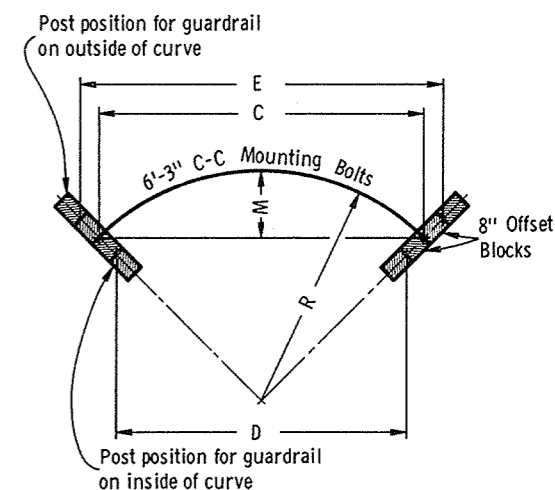
FRONT ELEVATION

END ELEVATION

STRUCTURE MOUNTING DETAIL



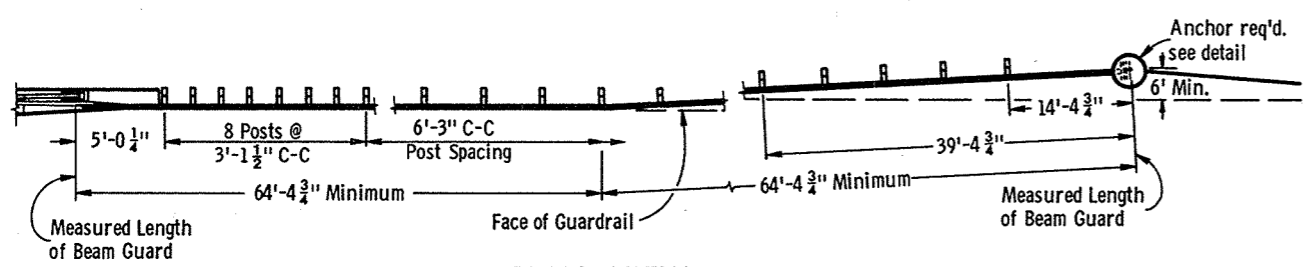
CURVE DATA FOR POST SPACING AND BEAM CURVING



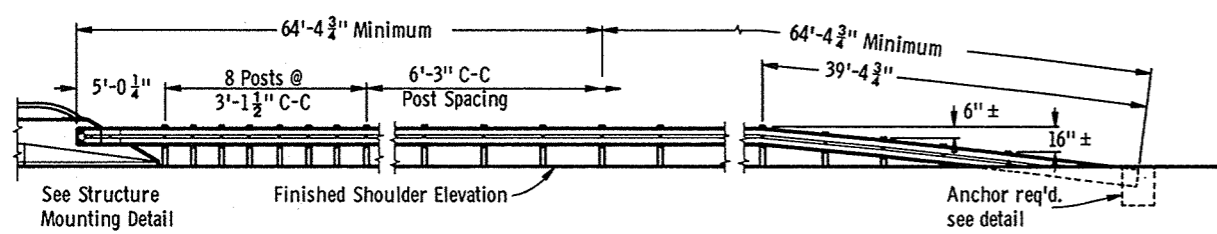
CHORD LENGTHS FOR POST SPACING AND MIDDLE ORDINATES FOR BEAM CURVING

SLOPING TYPE PARAPET WALL

VERTICAL TYPE PARAPET WALL

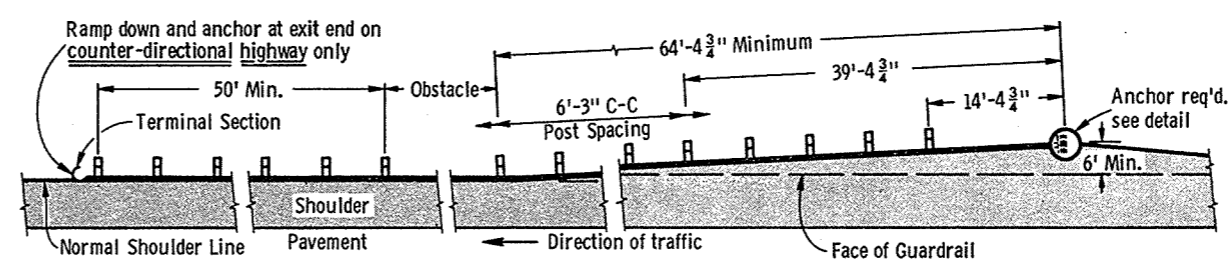


PLAN VIEW



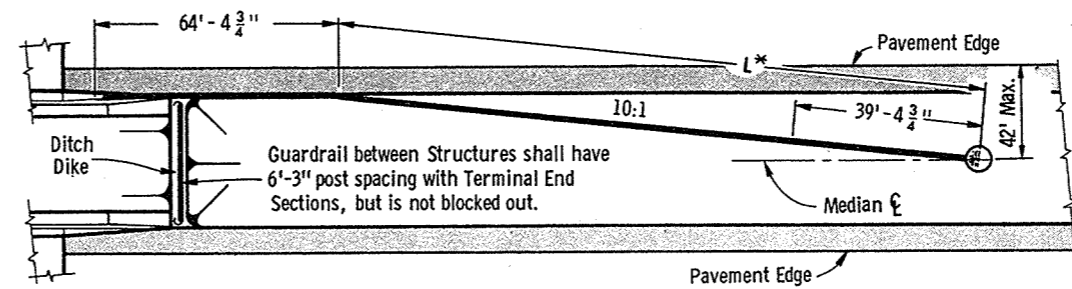
FRONT ELEVATION

TYPICAL OUTSIDE SHOULDER INSTALLATION AT STRUCTURES



PLAN VIEW

TYPICAL INSTALLATION AT LOCATIONS OTHER THAN STRUCTURES



PLAN VIEW

MEDIAN PROTECTION

GENERAL NOTES

Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

The exact location of the beginning and end of each Guardrail installation shall be as shown on the plans or as directed by the Engineer.

Square anchor alternates will be permitted. Square anchors shall be a minimum of 24 inches x 24 inches.

The shoulder widening to accommodate the anchored end of the Guardrail shall be accomplished at a rate of widening not to exceed 50 to 1.

Upon approval of the Engineer, the 6 foot anchor offset may be reduced to nothing for replacement installations where existing conditions will not permit the desirable offset. However, when no offset greater than or equal to 3 feet can be provided, the minimum length of guardrail in advance of an obstacle (obstacle to anchor) shall be 150 feet.

The "Post Footing Details At Piers" shall be used when guardrail posts are over structure footings and less than 3 feet-6 inches of earth is provided over the top of the footing.

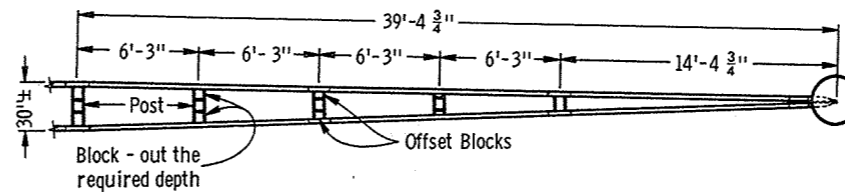
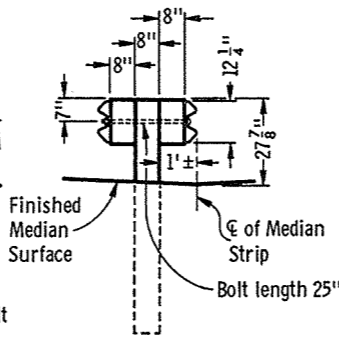
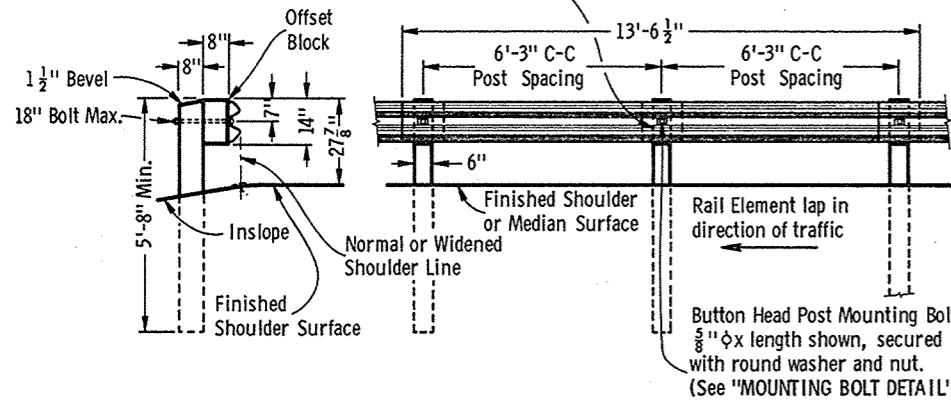
NOTE: This Standard Detail Drawing consists of two plates, and both plates are required when this Standard is called for in the plans.

CLASS "A"
STEEL PLATE BEAM GUARD &
STEEL PLATE BEAM MEDIAN GUARD
State of Wisconsin
Department of Transportation
Division of Highways

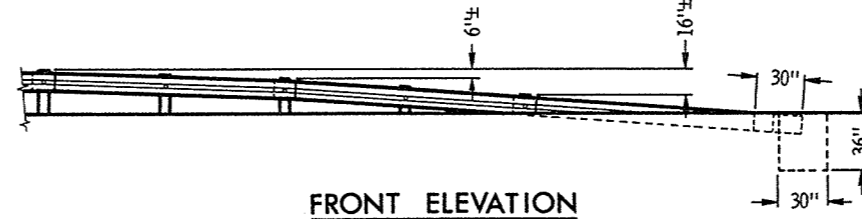
S.D.D. 14 B 2-2a

One foot long section of rail element, with a 3/4" slotted hole for mounting, shall be placed behind the continuous rail element at the intermediate posts.

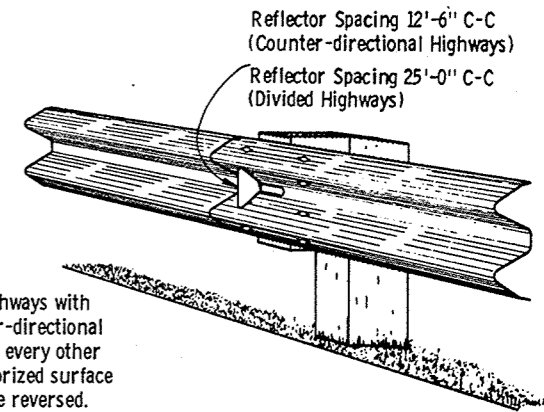
Sawed treated timber posts 6" x 8" x 6'-0" and sawed treated timber offset blocks 6" x 8" x 14" shall be furnished and placed in accordance with Standard Specifications.



PLAN VIEW



FRONT ELEVATION



TYPICAL INSTALLATION

NOTE: For highways with counter-directional traffic, every other reflectorized surface shall be reversed.

The reflectorized surface shall consist of Silver Reflective Sheeting of the type used as background on Type I, Type II or Type III signs.

END ELEVATION

FRONT ELEVATION

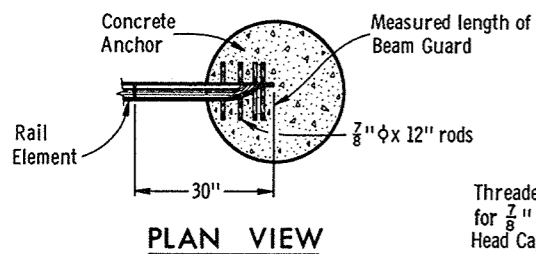
END ELEVATION

STEEL PLATE BEAM GUARD

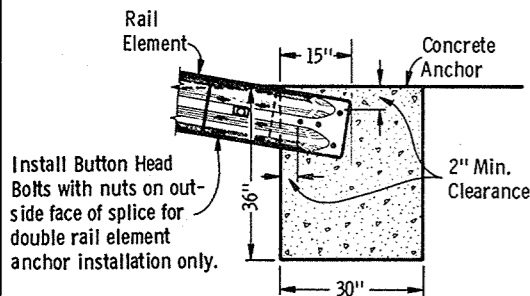
STEEL PLATE BEAM MEDIAN GUARD

STEEL PLATE BEAM GUARD OR STEEL PLATE BEAM MEDIAN GUARD

ANCHOR DETAIL FOR DOUBLE RAIL ELEMENT INSTALLATION

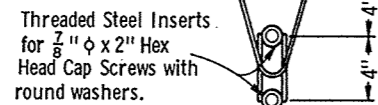


PLAN VIEW

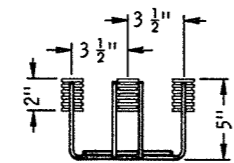


SECTION VIEW

ANCHOR DETAIL SINGLE RAIL ELEMENT INSTALLATION



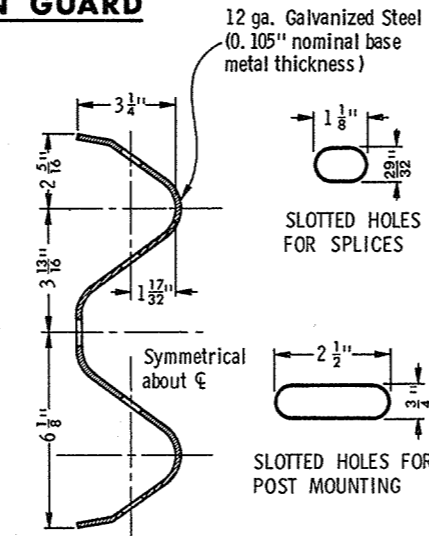
PLAN VIEW



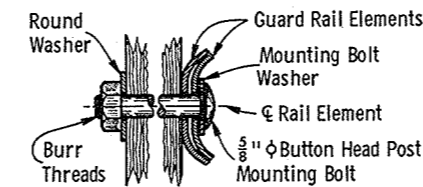
ELEVATION

4 BOLT INSERT ASSEMBLY

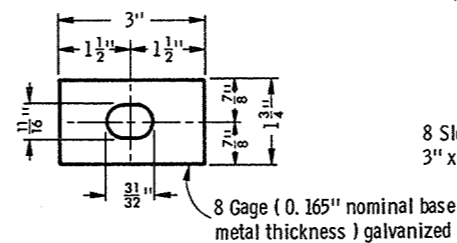
NOTE: Installation of 4 Bolt Insert Assembly (with Cap Screws inserted) to be part of Bridge Contract.



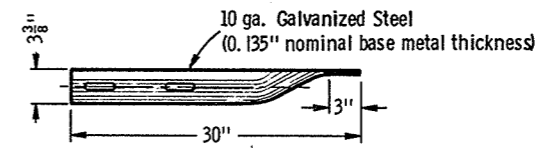
SECTION THRU RAIL ELEMENT



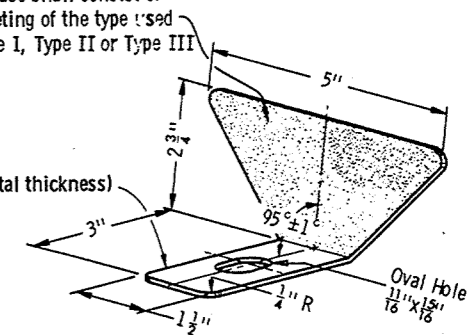
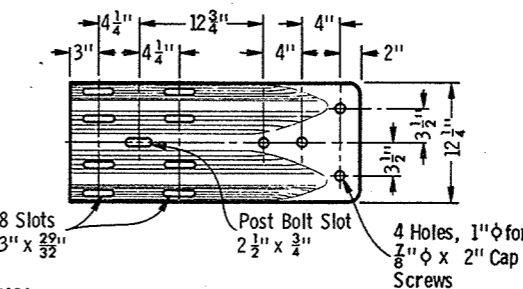
MOUNTING BOLT DETAIL



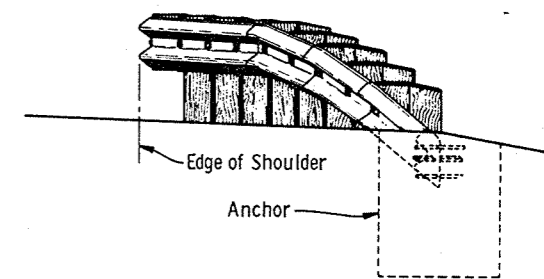
MOUNTING BOLT WASHER



END SHOE DETAIL

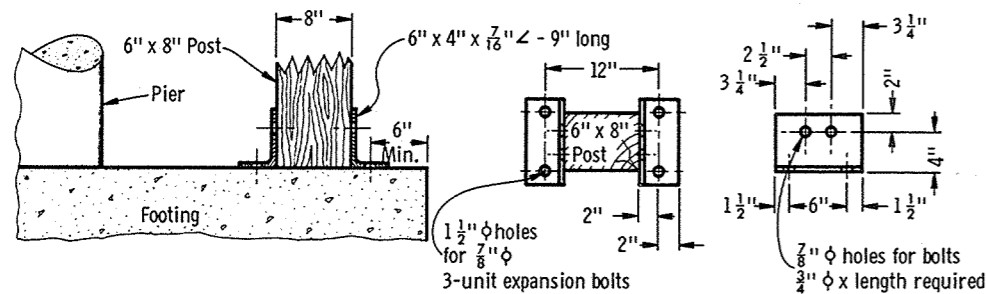


REFLECTOR DETAIL



TYPICAL TERMINAL END ELEVATION

NOTE: This Standard Detail Drawing consists of two plates, and both plates are required when this Standard is called for in the plans.

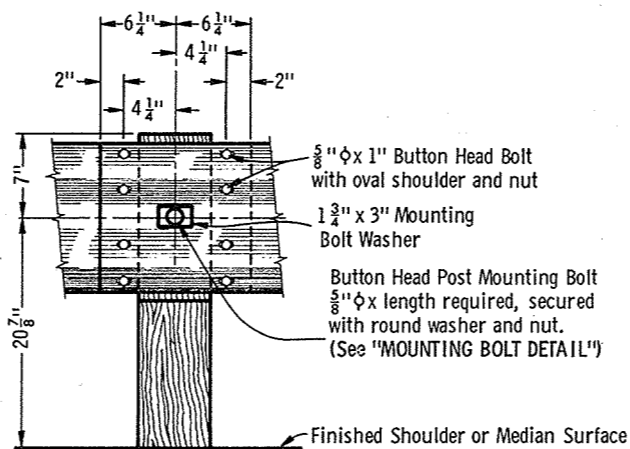


SECTION VIEW

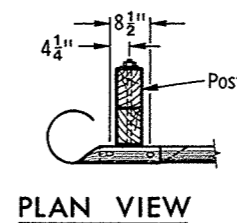
PLAN VIEW

ELEVATION

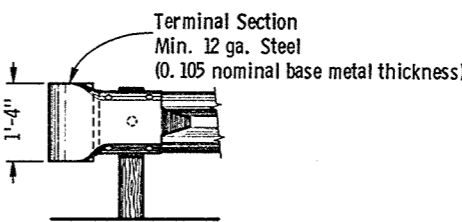
POST FOOTING DETAIL AT PIERS



RAIL ELEMENT SPLICING AND POST MOUNTING DETAIL



PLAN VIEW



FRONT ELEVATION

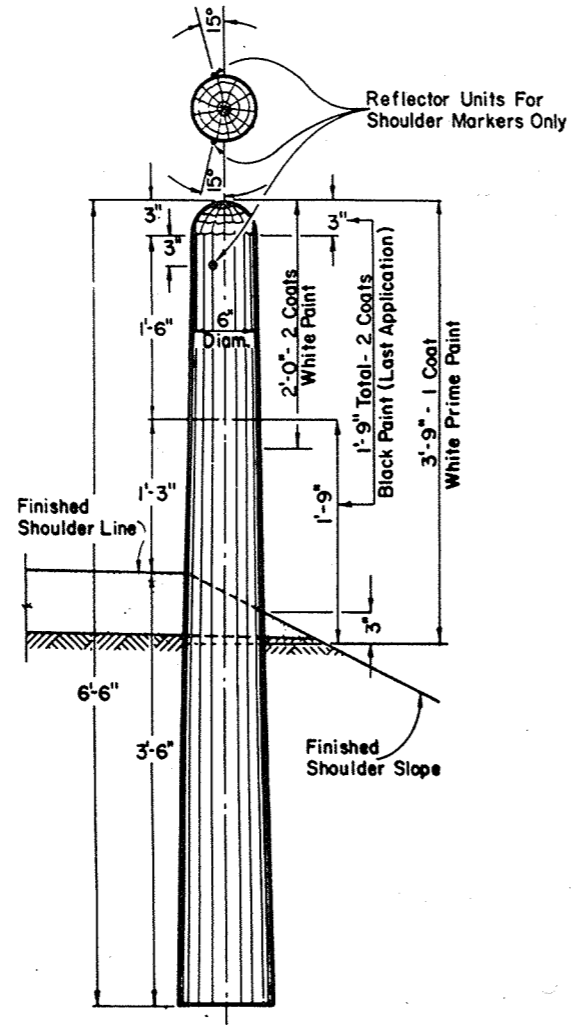
TERMINAL SECTION DETAILS

CLASS "A"
STEEL PLATE BEAM GUARD &
STEEL PLATE BEAM MEDIAN GUARD

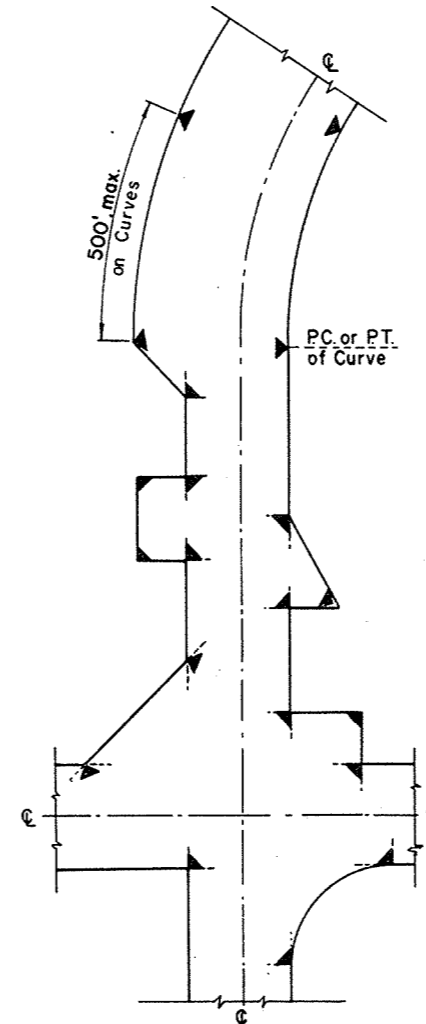
State of Wisconsin
Department of Transportation
Division of Highways

RECOMMENDED FOR APPROVAL: *L. O. Skorniel*
DATE: 3/7/72
CHIEF DESIGN ENGINEER

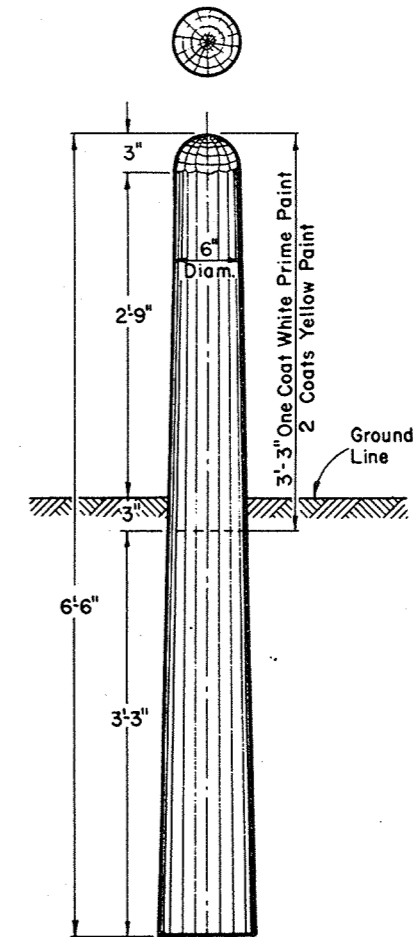
APPROVED: *S. E. Hicks*
DATE: 3/22/72
STATE HIGHWAY ENGINEER



MARKER POST FOR ROAD SHOULDERS

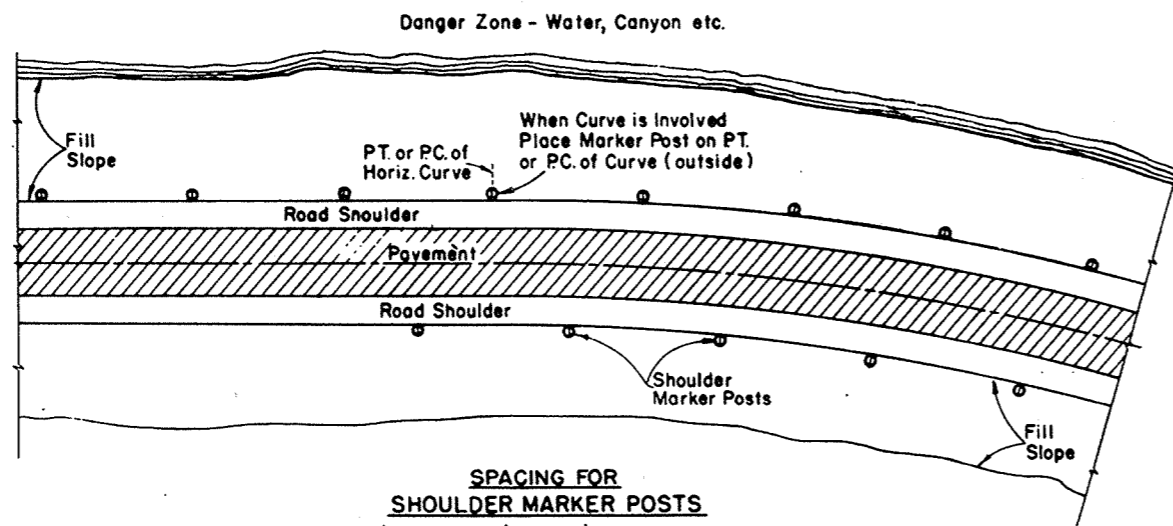


LOCATION DIAGRAM SHOWING TYPICAL LOCATIONS OF MARKER POSTS FOR RIGHT OF WAY



MARKER POST FOR RIGHT OF WAY

MARKER POST FOR RIGHT OF WAY



SPACING FOR SHOULDER MARKER POSTS
 50' C:C for 100' to 500' Danger Zones
 100' C:C for Over 500' Danger Zones
LOCATION DIAGRAM
SHOWING RELATIVE LOCATIONS OF SHOULDER MARKER POSTS

MARKER POSTS FOR ROAD SHOULDERS

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

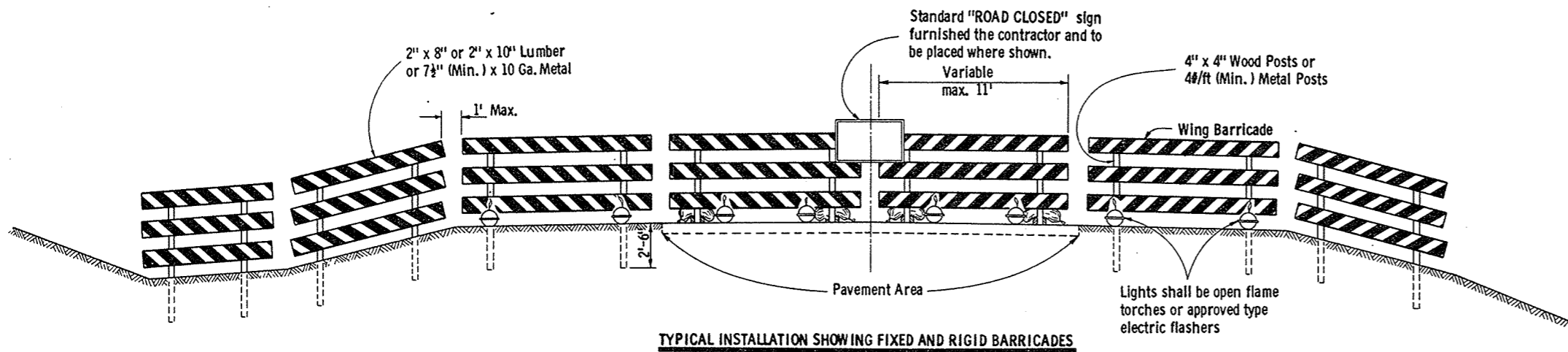
MARKER POSTS FOR RIGHT OF WAY

Right of Way Marker Posts shall be erected in advance of grading operations. Posts shall be placed at the outer limits of the highway Right of Way, but entirely within the Right of Way, and shall be so placed that the outer edge of the posts shall be tangent to the Right of Way line or lines extended. The exact location of all Right of Way posts will be staked in the field by the Engineer.

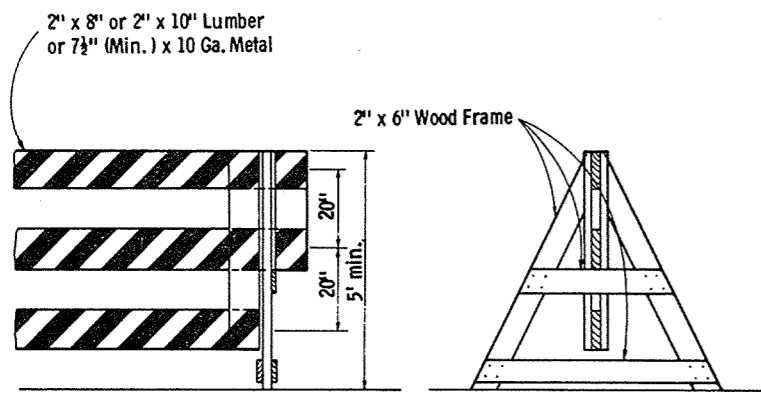
REFLECTOR UNITS

Reflector Units shall be installed in road shoulder marker posts only. Reflector Units shall have plastic crystal lens 7/8" in diameter. Unit assembly shall be a minimum of 7/8" in length. Reflector Units shall be furnished with flared expanding metal clips for wood mounting. Units shall be mounted in tightest fit possible and securely stayed in posts.

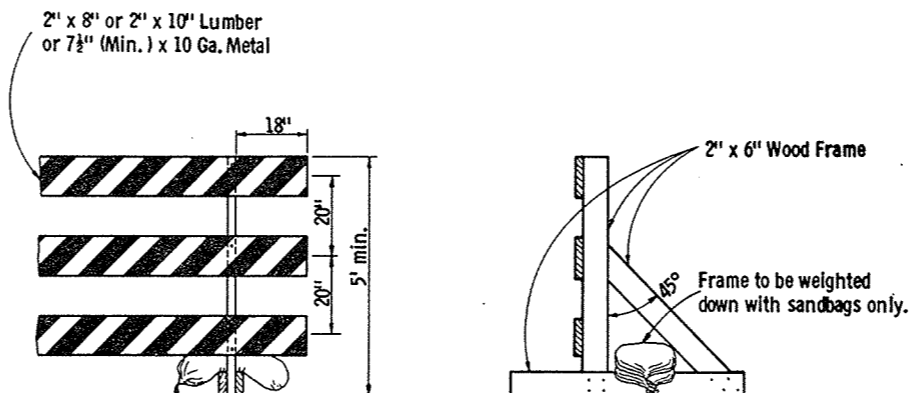
MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY	
State Highway Commission of Wisconsin	
RECOMMENDED FOR APPROVAL DATE 7/6/66	E. J. Byrd CHIEF DESIGN ENGINEER
APPROVED DATE 7/4/66	[Signature] STATE HIGHWAY ENGINEER



TYPICAL INSTALLATION SHOWING FIXED AND RIGID BARRICADES

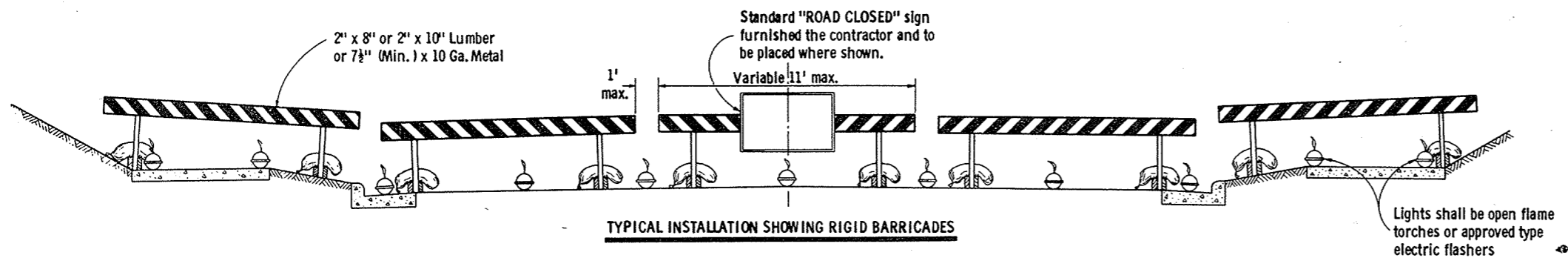


ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

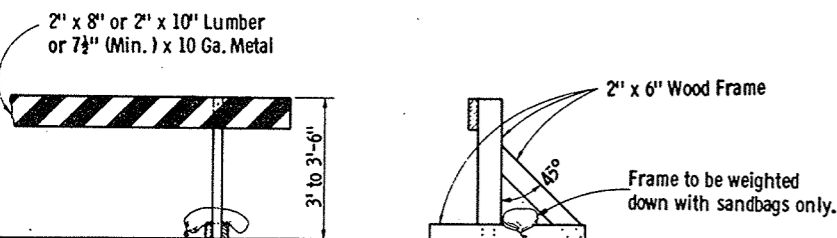


ALTERNATE TYPE INSTALLATION (RIGID)

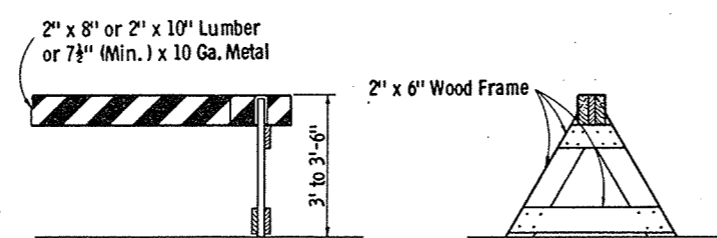
CLASS I BARRICADES



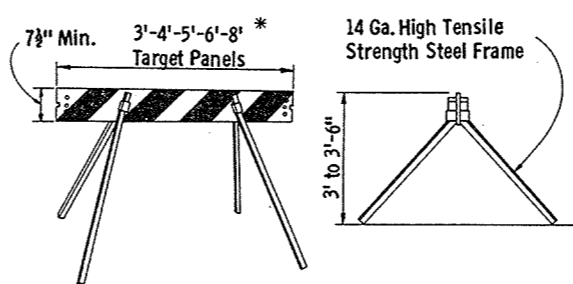
TYPICAL INSTALLATION SHOWING RIGID BARRICADES



ALTERNATE TYPE INSTALLATION (RIGID)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

CLASS II BARRICADES

GENERAL NOTES

The contractor shall construct, place and maintain barricades as shown on the drawing and as required by the Standard Specifications or applicable Special Provisions.

CLASS I BARRICADE:

Class I Barricades shall be of variable length as indicated, and long barricades shall be assembled from these units. The Class I Barricade is the type normally required for major operations, where the barricade will remain in place for extended periods. Class I Barricades shall be used at points where the road is closed to traffic. Gates or movable sections of a barricade shall be provided when necessary, for access of equipment or other authorized vehicles.

Wing Barricades are Class I Barricades erected on the shoulder on one or both sides of the pavement to give Traffic the perceptive effect of a narrowing or restricted roadway. The ends closest to traffic of all three members of a wing barricade shall be in a vertical line. If used in a series, they should start at the outer edge of the shoulder and be brought progressively closer to the pavement. Wing Barricades may be used as a mounting for the advance warning or guide signs or for flashers. When used on two-way roadways, the back of the wing barricade shall be painted reflectorized white.

CLASS II BARRICADE:

Class II Barricades may be used only where the hazard to traffic is relatively small, and for the more or less continuous delimiting of a restricted roadway, or for temporary daytime use.

MATERIAL & FABRICATION:

Lumber shall be of a grade structurally sound and sufficiently rigid to satisfactorily support and maintain the purpose and intent of a barricade facility.

Metal shall be sufficiently rigid to satisfactorily support and maintain the purpose and intent of a barricade facility.

The fabrication of the barricade shall be in accord with good pertinent woodworking and metalworking practices.

All lumber or timber dimensions stated are nominal.

PAINTING:

All barricades shall be painted in alternate 4" or 6" black and white stripes at a 45° angle. The width of stripe shall be consistent for each complete barricade installation.

Black stripes shall be painted with weather resistant and durable black paint. White stripes shall be primed, followed by two coats of white reflectorized paint or reflective wide angle sheeting.

DIRECTION OF DIAGONAL STRIPES:

Where a barricade extends entirely across the roadway with no vehicle access provision, the stripes shall slope downward toward the highway centerline.

Where vehicle access is permitted, the stripes shall slope downward in the direction toward which vehicles must turn in detouring.

Where both right and left turns are provided for, the stripes shall slope downward in both directions from the center.

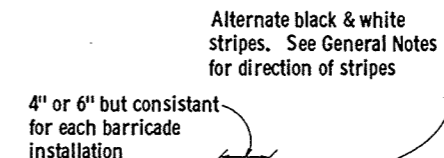
The stripes on wing barricades shall point downward toward the roadway.

LIGHTING:

Lighting devices for barricades shall conform to the requirements of the Standard Specifications.

MEASUREMENT & PAYMENT:

All barricades, unless otherwise provided for in the plans and/or special provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.



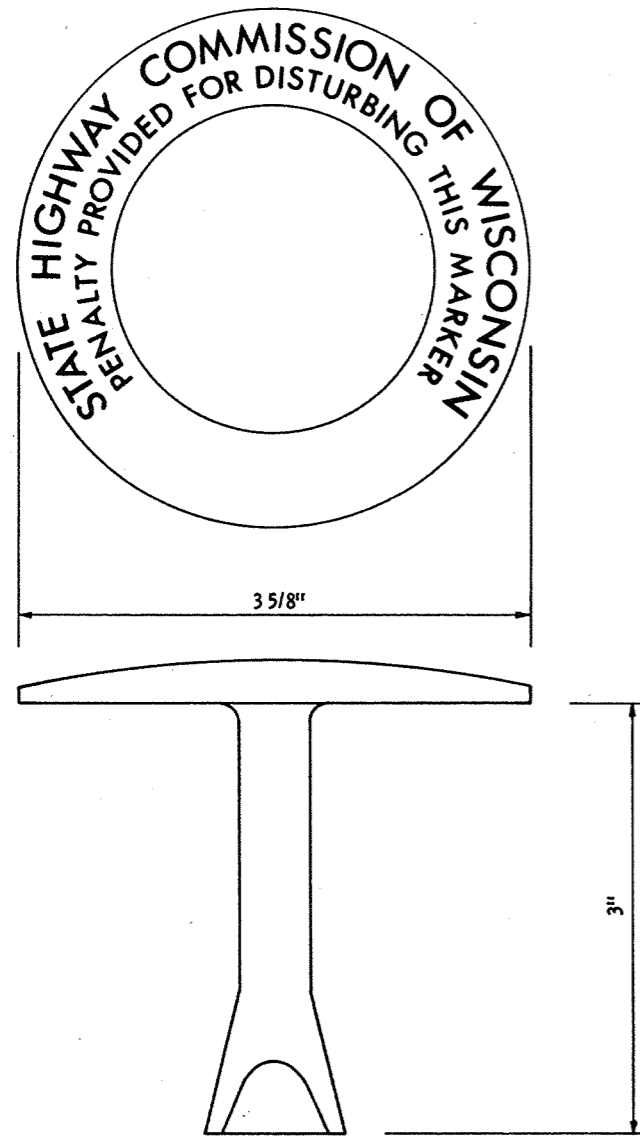
TYPICAL DIAGONAL STRIPES
Applies to all Classes & Types of Barricades

CONSTRUCTION BARRICADE

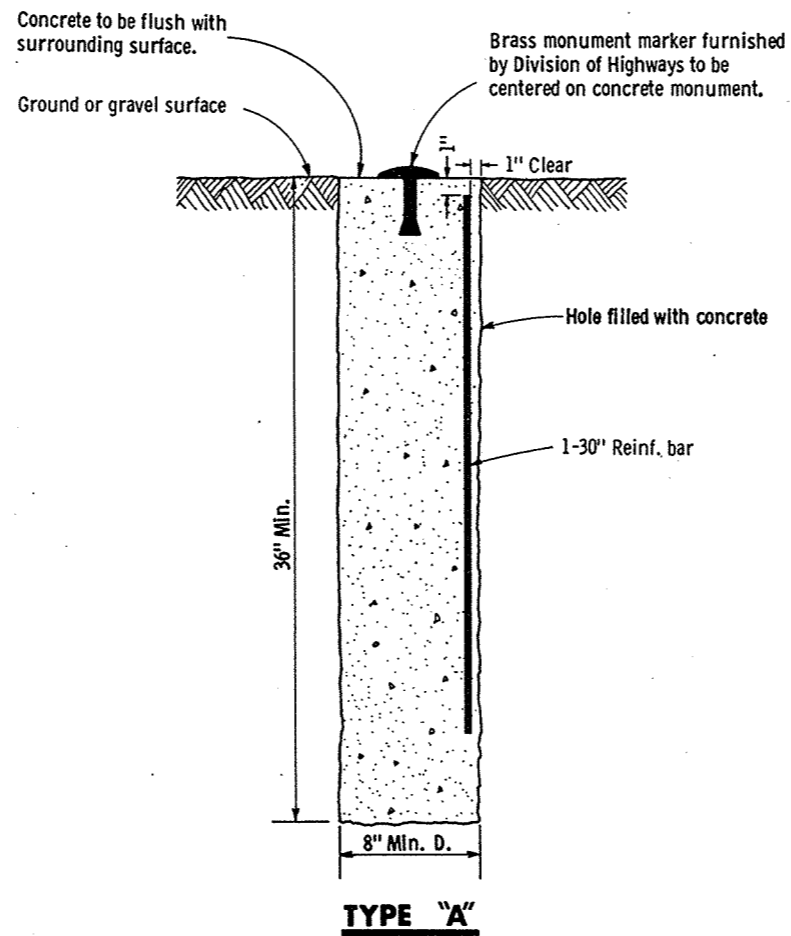
State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL:
DATE 1/11/67
APPROVED: 1/13/67
DATE

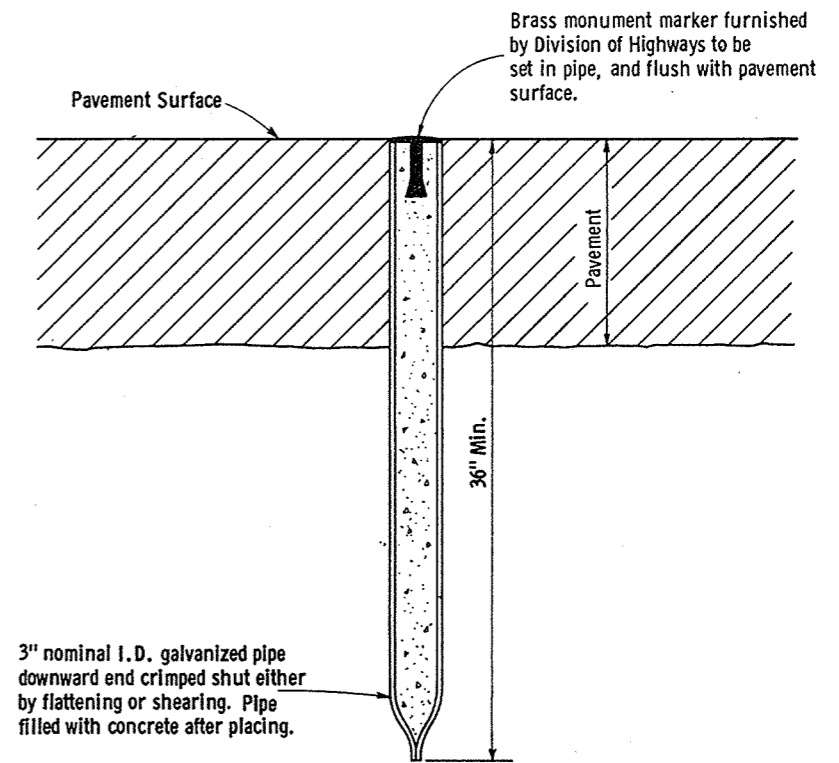
E. J. [Signature] CHIEF DESIGN ENGINEER
W. J. [Signature] STATE HIGHWAY ENGINEER



**BRASS
MONUMENT MARKER**
To be furnished to contractor by
Division of Highways



TYPE "A"
To be used only when monument is
required outside of pavement surface.



3" nominal I.D. galvanized pipe
downward end crimped shut either
by flattening or shearing. Pipe
filled with concrete after placing.

TYPE "B"

To be used only when monument
is required to be located within the
limits of a pavement surface.

GENERAL NOTES

Details of construction, materials and workmanship not shown on this drawing shall conform to the Standard Specifications and the applicable Special Provisions.

Monuments conforming to Type "A" or Type "B", as shown hereon, shall be placed at the direction of the engineer.

**LANDMARK REFERENCE
MONUMENTS**

State of Wisconsin
Department of Transportation
Division of Highways

RECOMMENDED FOR APPROVAL:

1/25/68 DATE *E. J. Byubit* CHIEF DESIGN ENGINEER
2/10/68 DATE *H. J. Turner* STATE HIGHWAY ENGINEER

15/16

SURVEY

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	30	91

STATION	DISTANCE	TARPOGE	
		EXCAVATION	FILL
10	181		124
11	93		178
12	398		54
13	452		4
14			
TOTALS		1,124	360

14+00
820

818.69

2.5:1

13+00
820

820.75

12+00
825

822.35

11+00
825

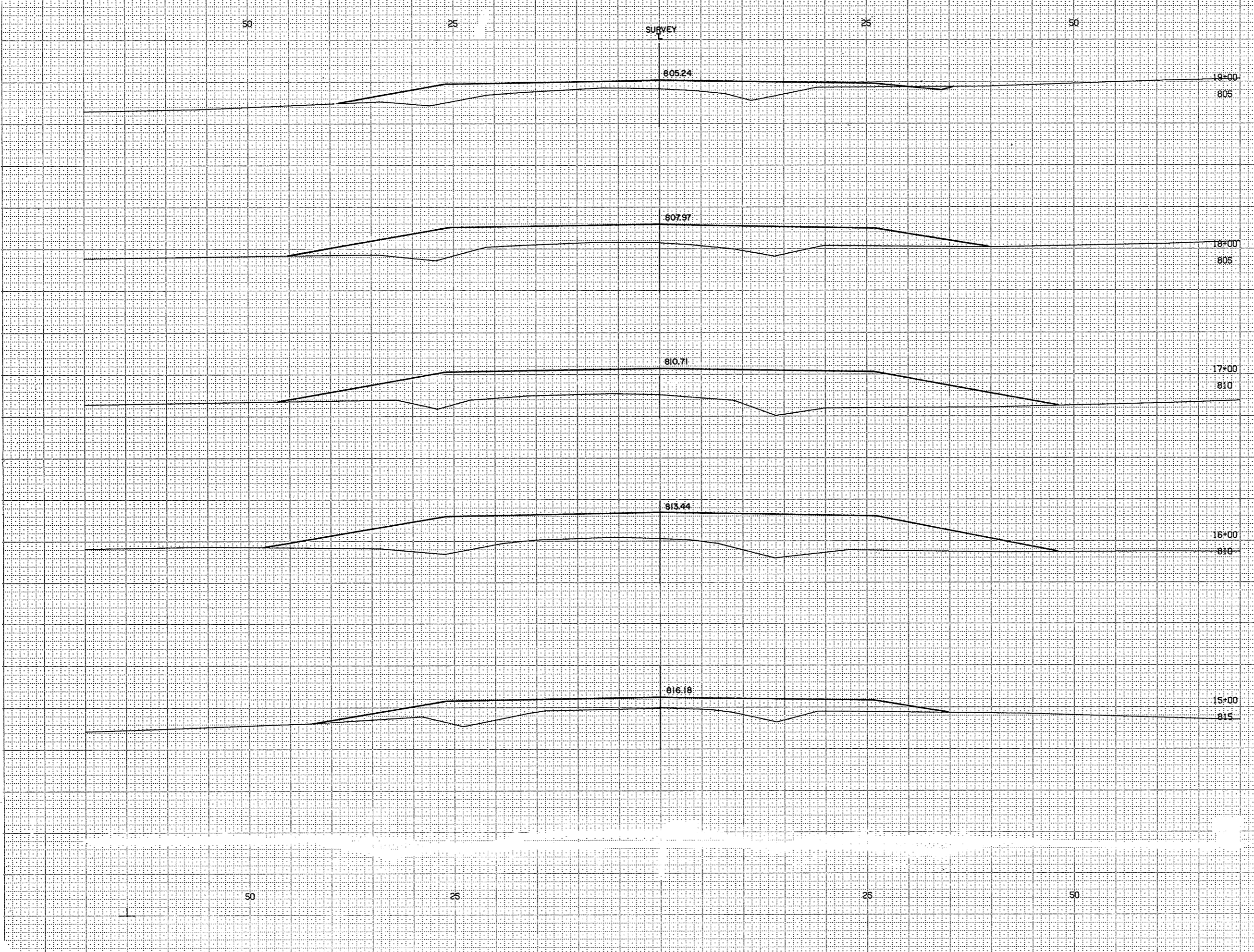
823.51

10+00
825

824.44

1 S VER
1 S HOR
3 6460 20013

14/70



STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL	FILL
14		135	196
15			73
16			998
17			767
18	7		393
19			
TOTALS		142	3,067

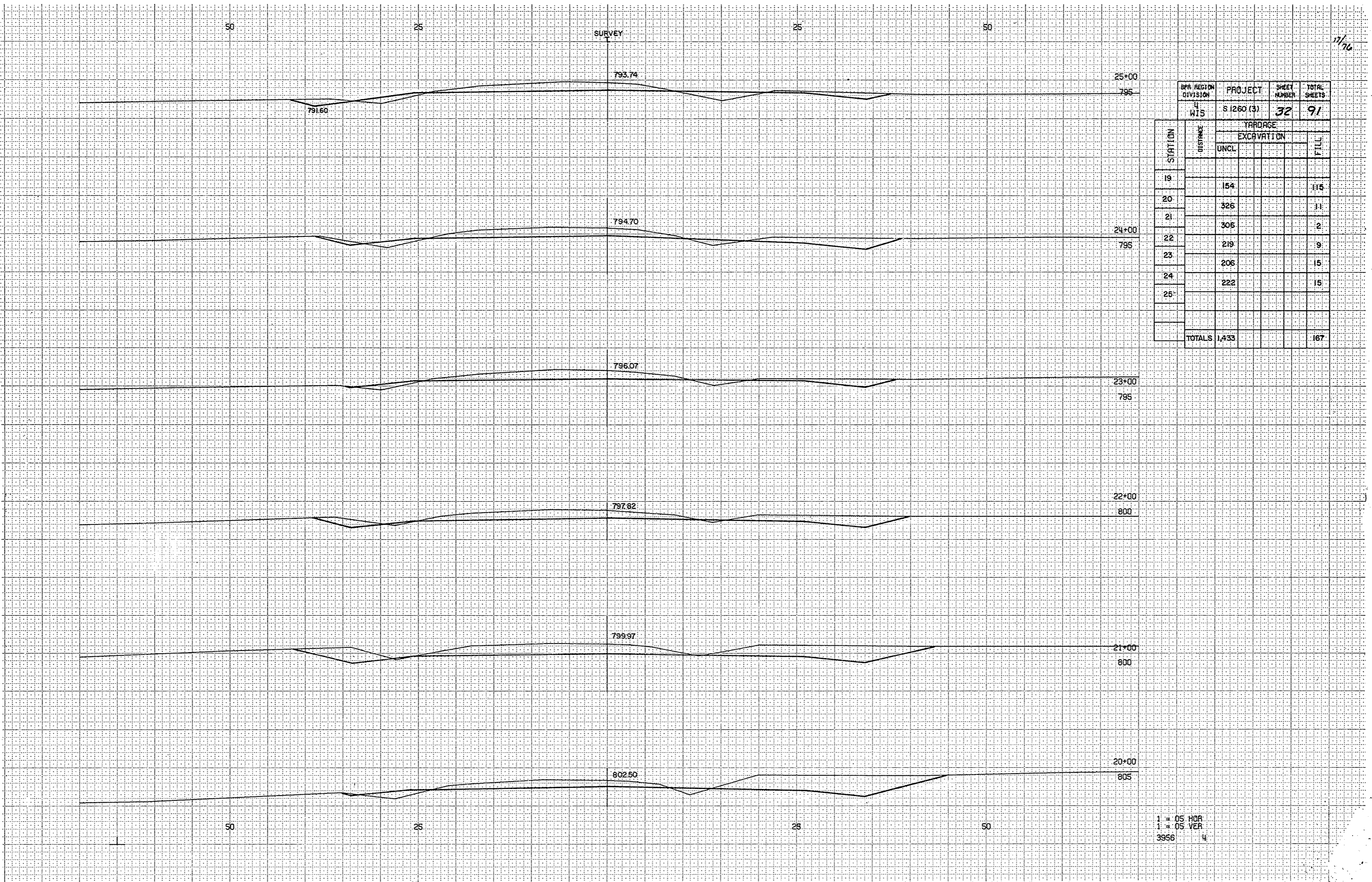
1" = 05' HOR
1" = 05' VER
3956 3

SURVEY

11/76

STATION	DISTANCE	YARDAGE	
		UNCL	FILL
19			
20	154		115
21	326		11
22	305		2
23	219		9
24	206		15
25	222		15
TOTALS	1,433		167

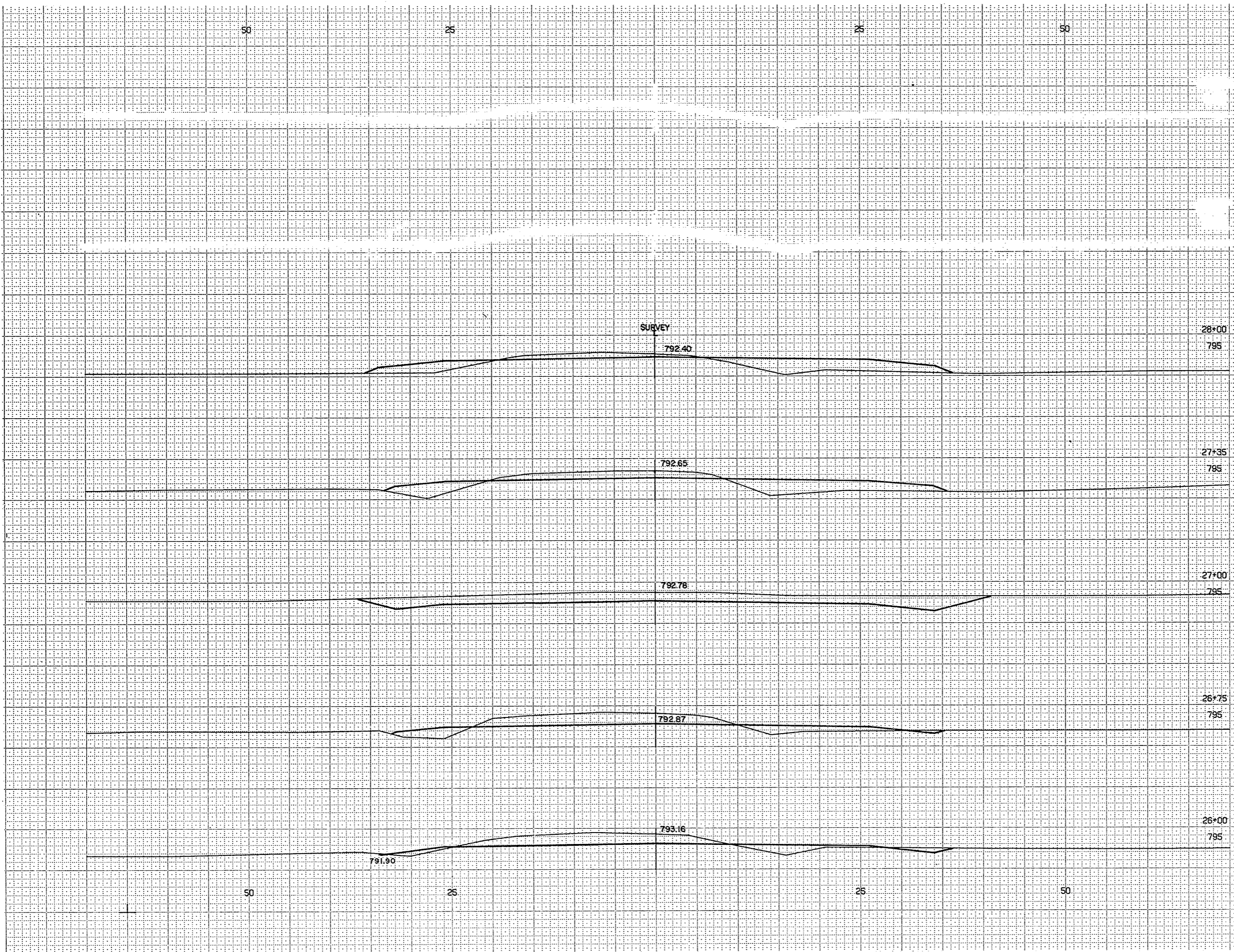
1" = 05' HOR
 1" = 05' VER
 3956 4



19/16

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
HTS	S 1260 (S)	33	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
25	181		26
26	168		49
27	131		115
28			
TOTALS		480	190



1 = 05 HOR
 1 = 05 VER
 3956 S

20/76

SURVEY
T

788.58

38+00
790

788.98

37+00
790

789.36

36+00
790

789.74

35+00
790

790.12

34+00
795

STA. REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 HIS	S 1260 (3)	35	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
33			
34	613		
35	483		
36	302		6
37	157		24
38	94		46
TOTALS	1,649		76

1" = 5' VER
 1" = 5' HOR
 3 6460 20013

2/76

SURVEY
L

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	36	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
38		74	65
39		107	52
40		181	39
41		281	39
42		272	41
43			
TOTALS		915	236

43+00
790

42+00
790

41+00
790

40+00
790

39+00
790

1
1
3
S. VER
S. HOR
6460 20013

785.98

783.90

786.58

784.10

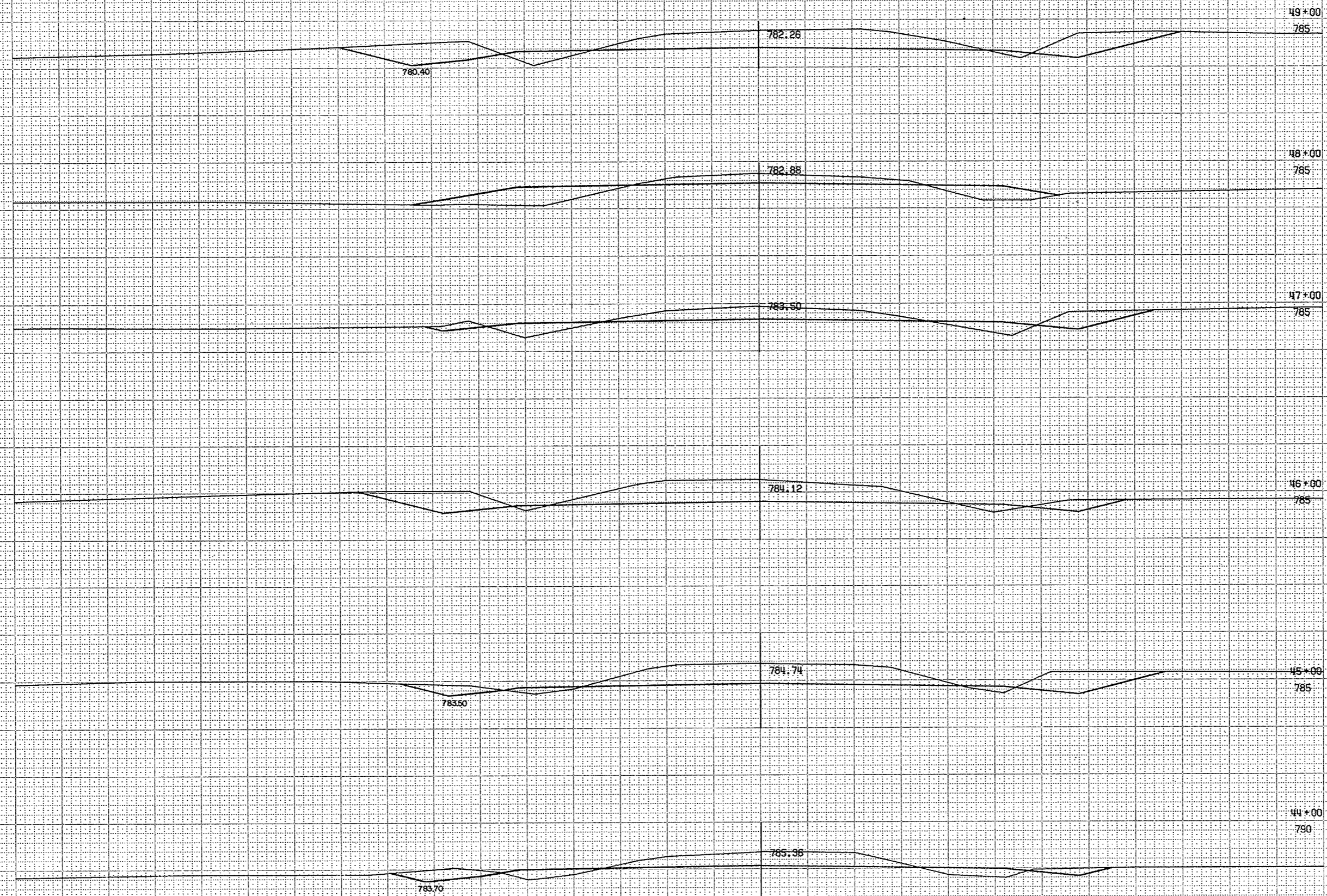
787.14

784.30

787.66

788.14

SURVEY
T



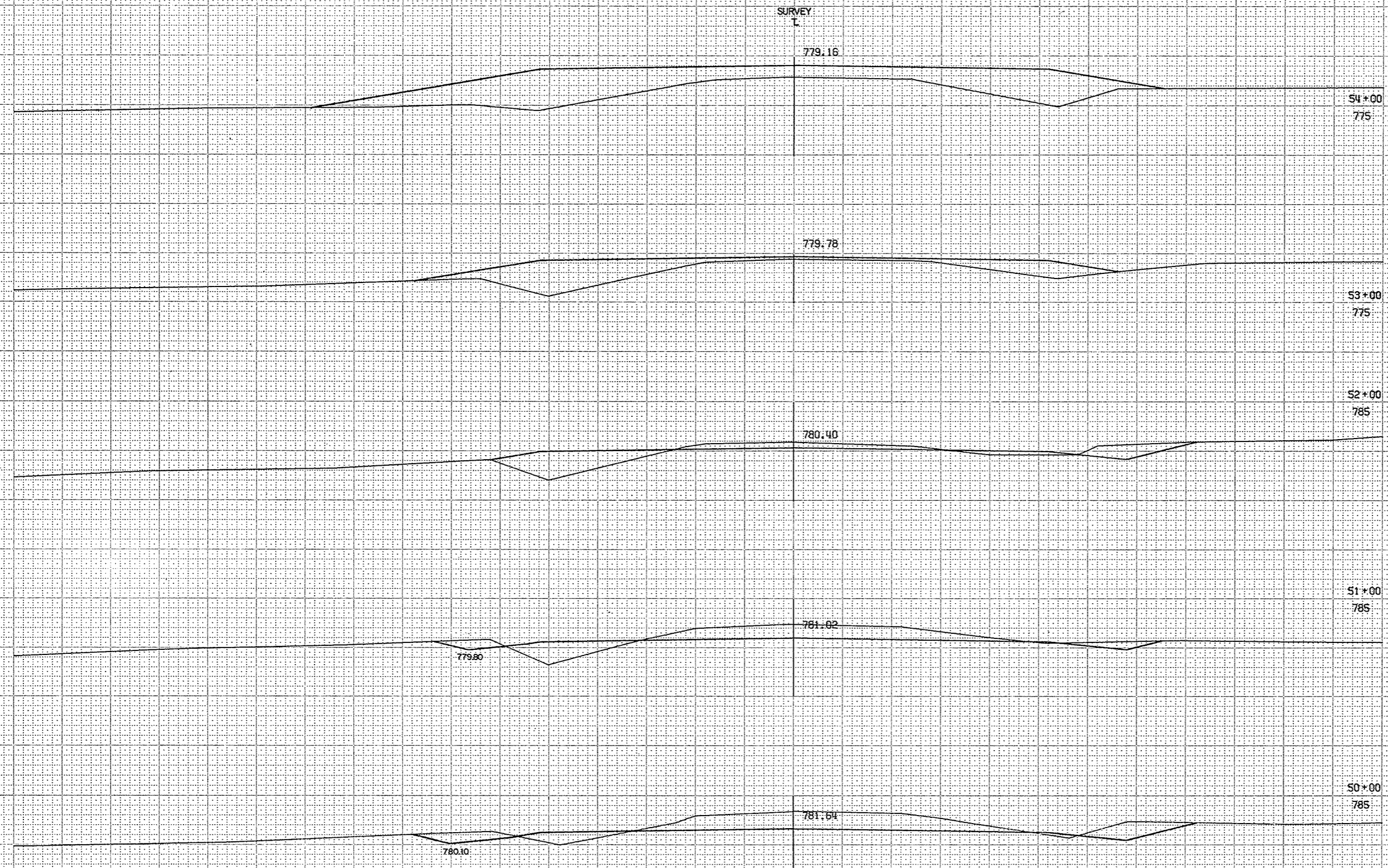
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U HIS	S 1260 (3)	37	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
43		198	52
44		270	37
45		365	20
46		276	43
47		128	107
48		239	91
49			
TOTALS		1,474	350

1" = 5' VER
1" = 5' HOR
3 6460 20013

23/76

SURVEY
T

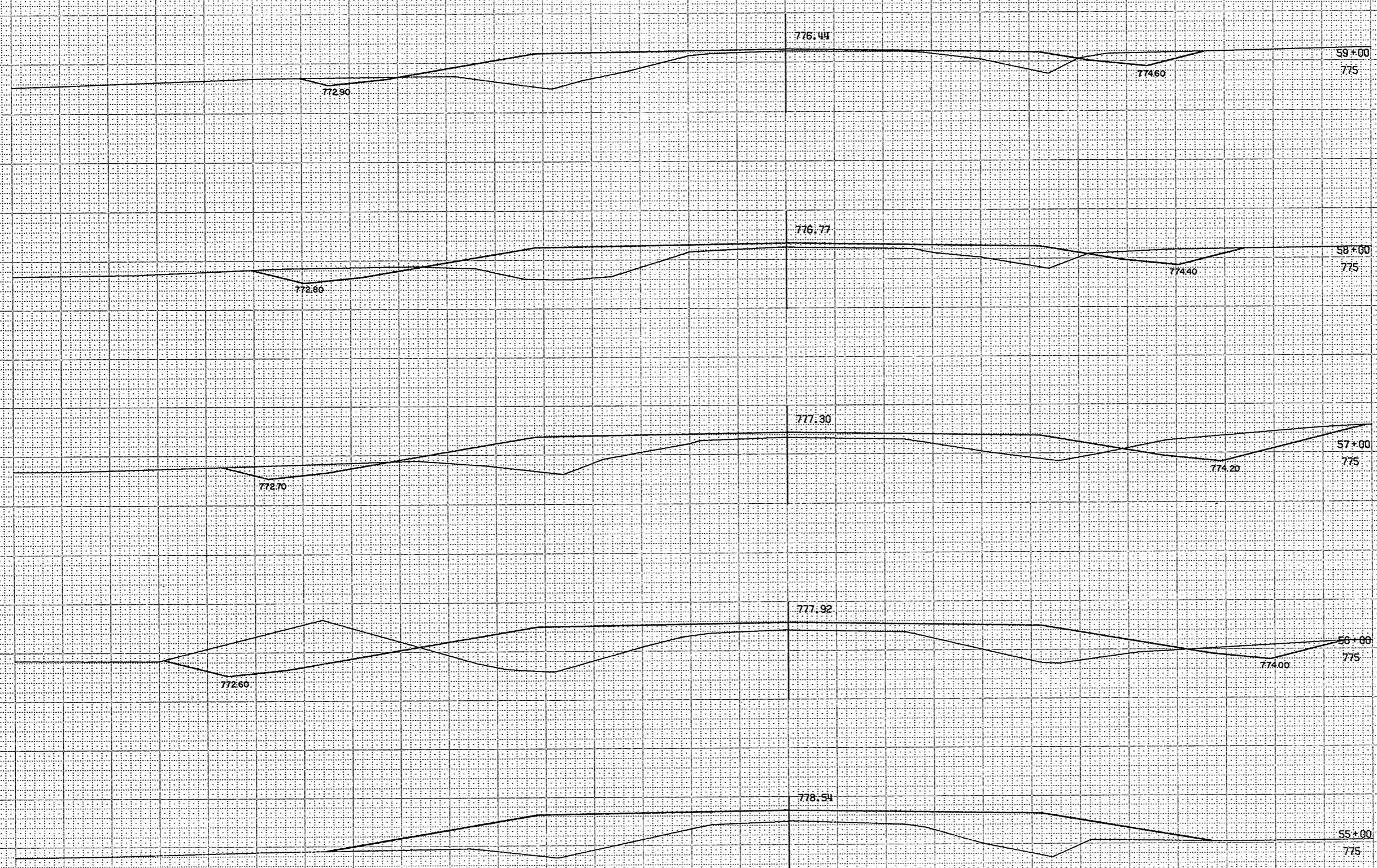


BPA REGION		PROJECT	SHEET	TOTAL
DIVISION			NUMBER	SHEETS
WIS		S1260 (3)	38	91
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
49		326		33
50		217		48
51		130		89
52		43		202
53				457
54				
TOTALS		716		829

1 5 VER
1 5 HOR
3 8460 20013

24/76

SURVEY
T



STA. REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	39	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
UNCL			
54			657
55	157		637
56	248		493
57	124		369
58	80		309
59			
TOTALS	629		2465

1" = 5' VER
1" = 5' HOR
3 6460 20013

25/76

SURVEY

777.59

776.00

64+00

775

776.98

776.40

63+00

775

776.56

776.20

62+00

775

776.33

775.00

61+00

775

776.29

774.80

60+00

775

773.00

STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL	FILL
59		39	302
60		15	339
61		4	367
62		6	344
63		17	263
64			
TOTALS	81		1,615

OPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	40	91

1" = 5' VER
 1" = 50' HOR
 3 6460 20013

26/16

SURVEY

STA. REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 1260 (3)	41	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
64			
65	52		172
66	126		102
67	319		37
68	330		6
69	194		6
TOTALS	1,021		323

69+00
785

781.10

68+00
785

780.39

779.00

67+00
780

779.69

66+00
780

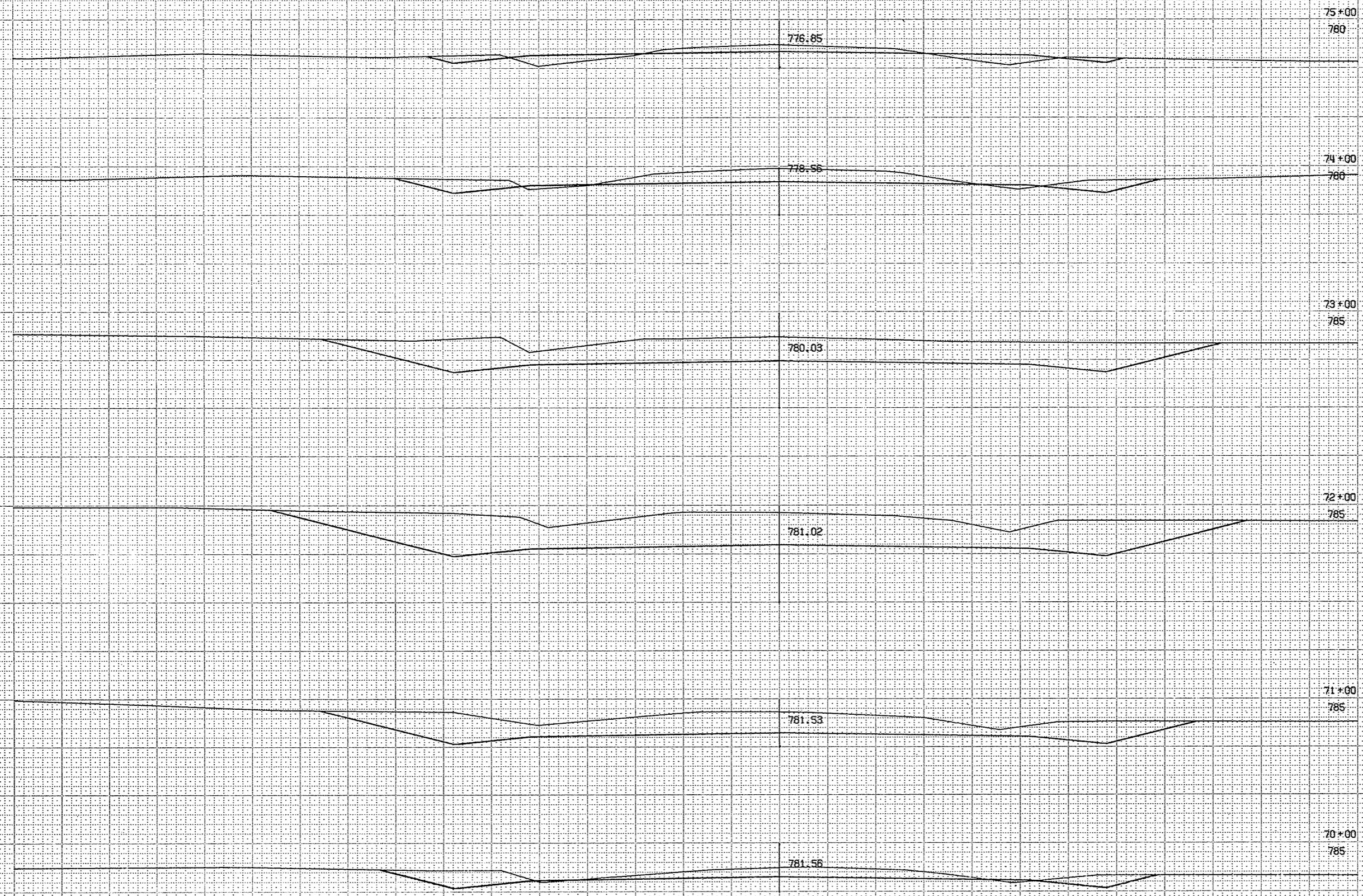
778.99

65+00
780

778.29

1" = S. VER.
1" = S. HOR.
3 - 6460 20013

SURVEY



BPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS		S 1260 (3)	42	91
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
69				2
70		198		2
71		396		2
72		809		
73		891		
74		485		6
75		148		35
TOTALS		2,927		45

1" = 5' VER
 1" = 5' HOR
 3 6460 20013

28/76

SURVEY
I

769.43

81+00
765

770.01

80+00
770

770.87

79+00
775

772.02

78+00
775

773.46

77+00
775

775.13

76+00
780

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
75		93	54
76		141	33
77		154	24
78		100	41
79		33	137
80			293
81			
TOTALS		521	582

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1280 (3)	43	91

1" = 5' VER
1" = 5' HOR
3 6460 20013

29/16

SURVEY
T

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	44	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
81			439
82			520
83			456
84	2		280
85	126		94
86	387		7
87			
TOTALS	515		1,796

87+00
770

767.59

86+00
770

767.89

85+00
770

768.19

84+00
765

768.49

83+00
765

768.79

82+00
765

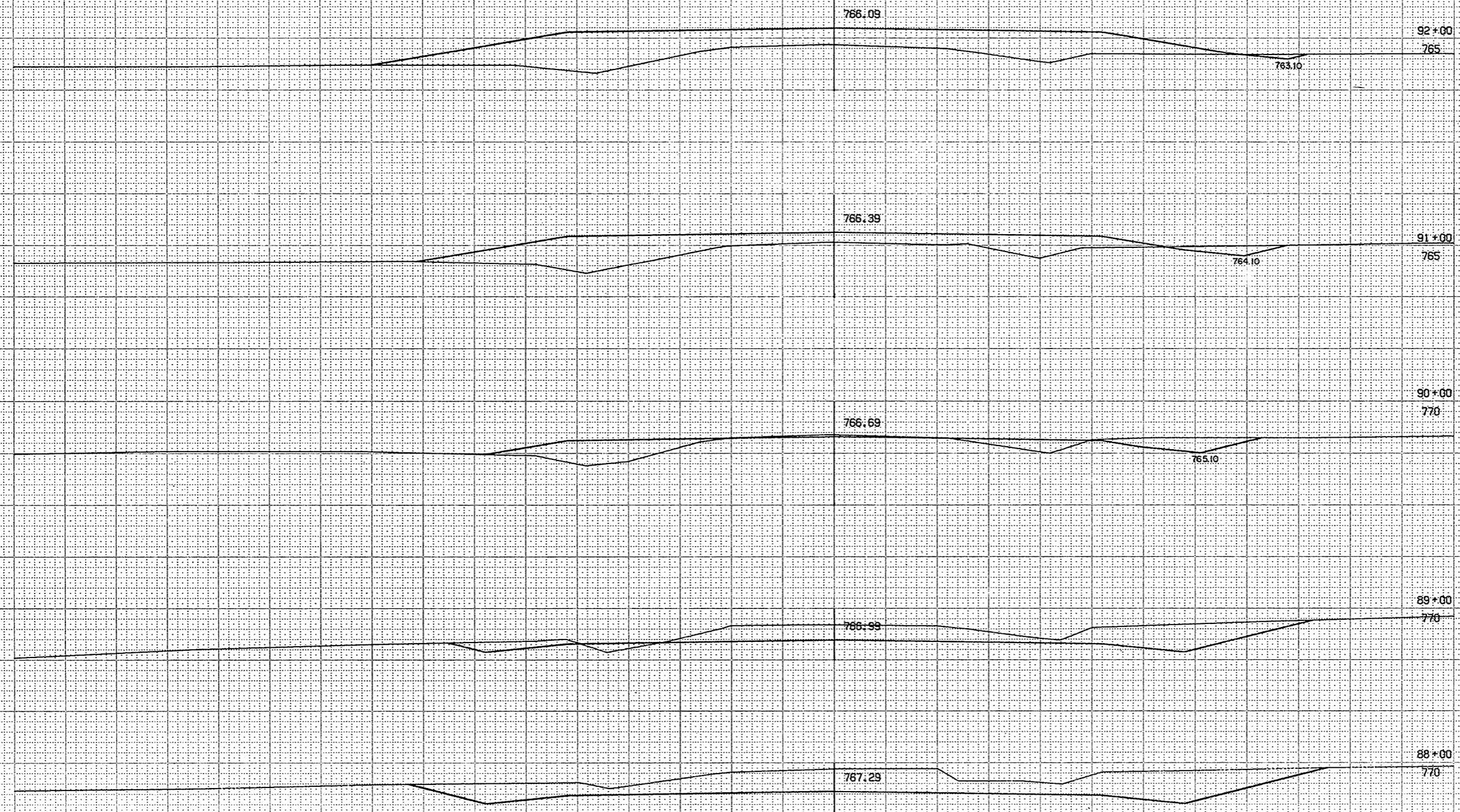
769.09

1" = 5' VERT
1" = 5' HOR
3 6460 20013

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 HIS	S 1260 (3)	45	91

STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
87				
88		539		
89		444		7
90		196		78
91		39		272
92		13		506
TOTAL		1231		863

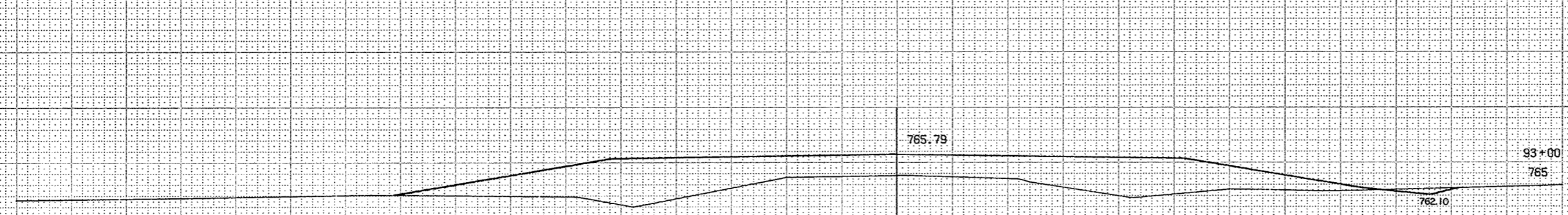
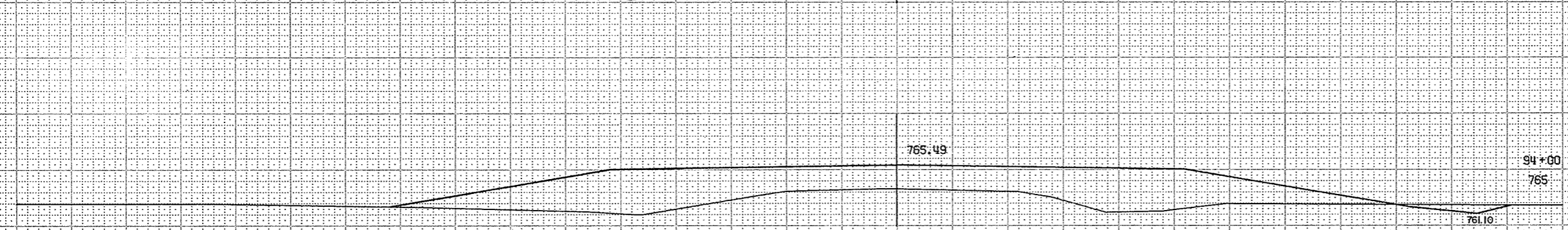
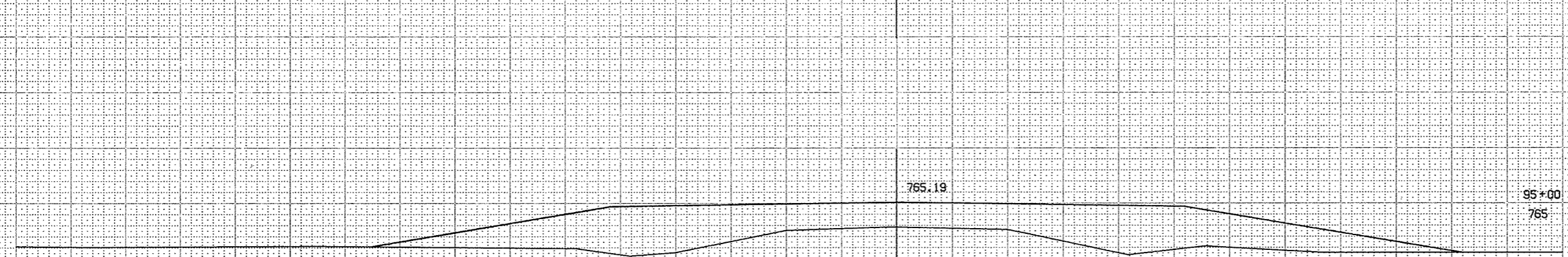
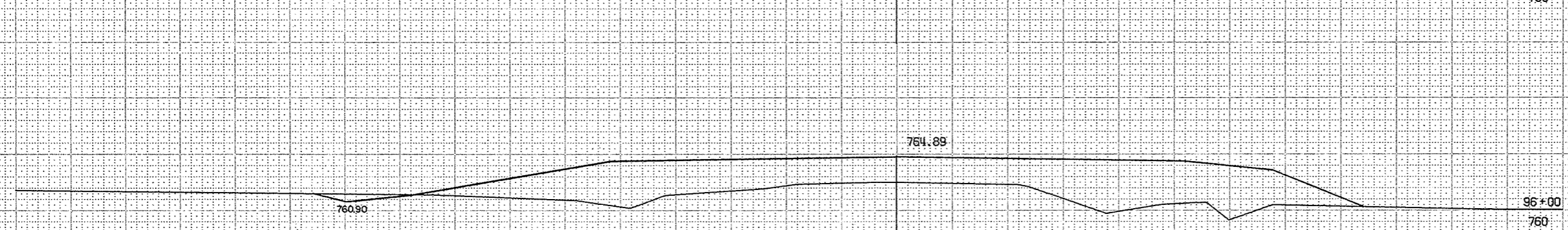
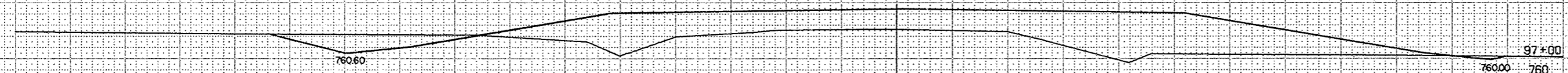
SURVEY
T



1" = 5' VER
1" = 5' HOR
3 6460 20013

3/74

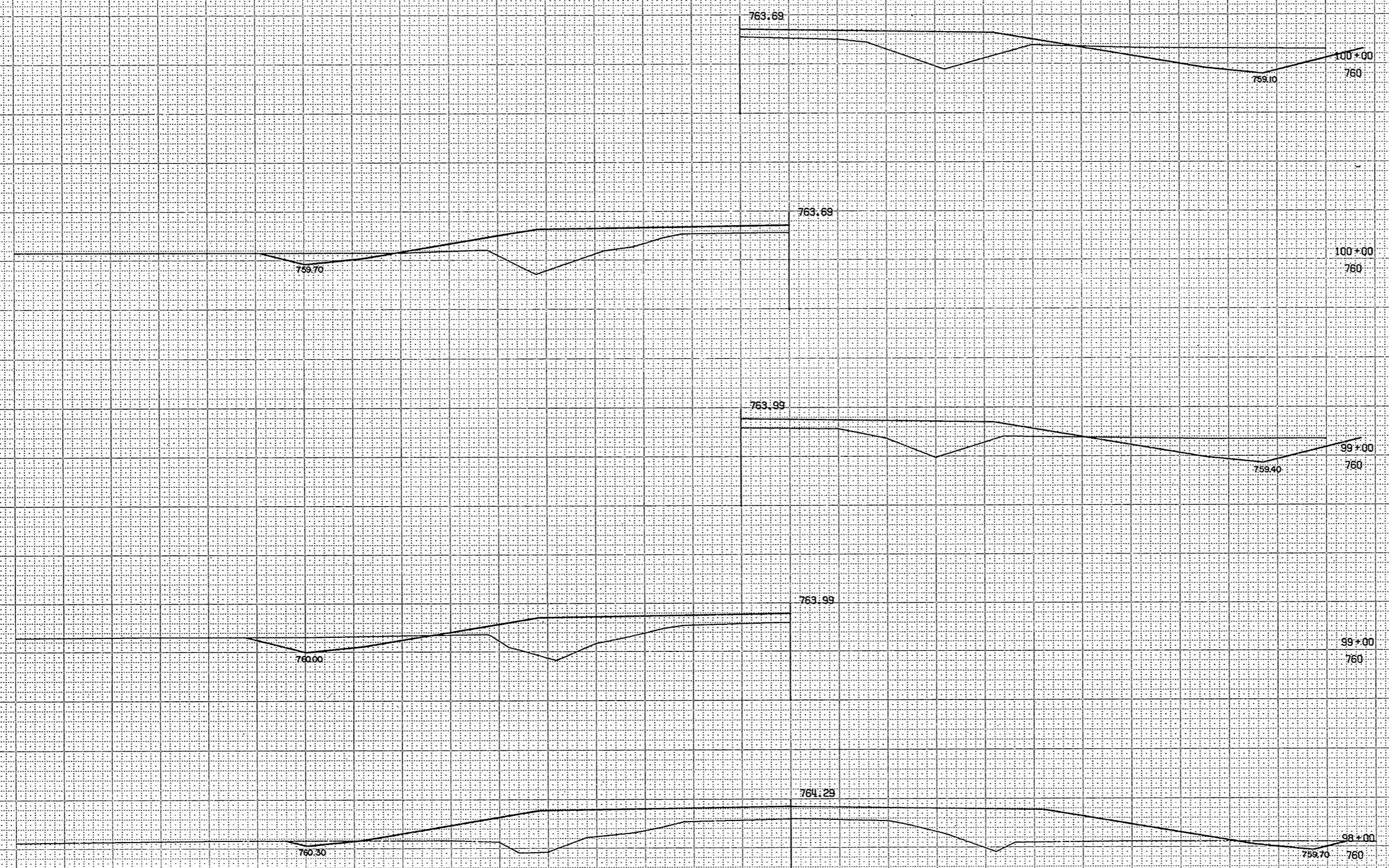
SURVEY
T
764.59



BPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS		S 1260 (3)	46	91
STATION	DISTANCE	TAROAGE		
		EXCAVATION		FILL
		UNCL		
92		6		674
93		13		770
94		9		867
95		6		894
96		41		776
97				
TOTALS		75		3,981

1" = 5' VER
1" = 5' HOR
3 6460 20013

SURVEY
T



BPA REGION		PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS		5 1260 (3)	47	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
97			
98	48		683
99	111		557
100	189		446
TOTALS		348	1,686

1" = 5' VER
1" = 5' HOR
3 6460 20013

33/16

SURVEY
T

BR. REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	48	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
100		152	491
101		69	563
102		7	387
103		93	120
104			
TOTALS		321	1,561

762.50

760.40

104+00
765

762.79

103+00
765

763.09

759.10

758.50

102+00
760

763.39

758.80

101+00
760

763.39

759.40

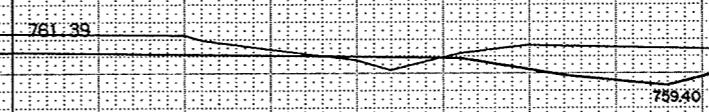
101+00
760

1" = 5' VERT
1" = 5' HOR
3 6460 20013

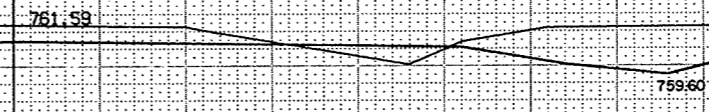
SURVEY
T

DPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
Q WIS		S 1260 (3)	49	91
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
104		215		41
105		222		59
106		183		67
107		196		70
108		220		52
109				
TOTALS		1036		269

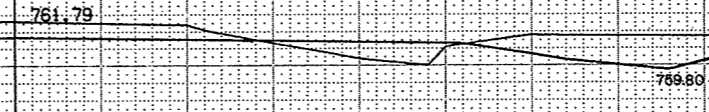
109+00
765



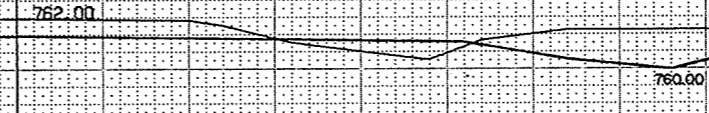
108+00
765



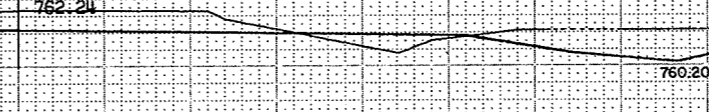
107+00
765



106+00
765



105+00
765



1" = 5' VERT
1" = 5' HORIZ
3 6460 20013

SURVEY

BPA REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S.1260 (3)	50	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
109			
110	161		76
111	85		126
112	89		131
113	87		139
114	63		150
TOTALS	485		622

114+00
765

760.40

758.00

758.40

113+00
765

760.60

758.30

758.60

112+00
765

760.80

758.60

758.80

111+00
765

760.99

758.90

759.00

110+00
765

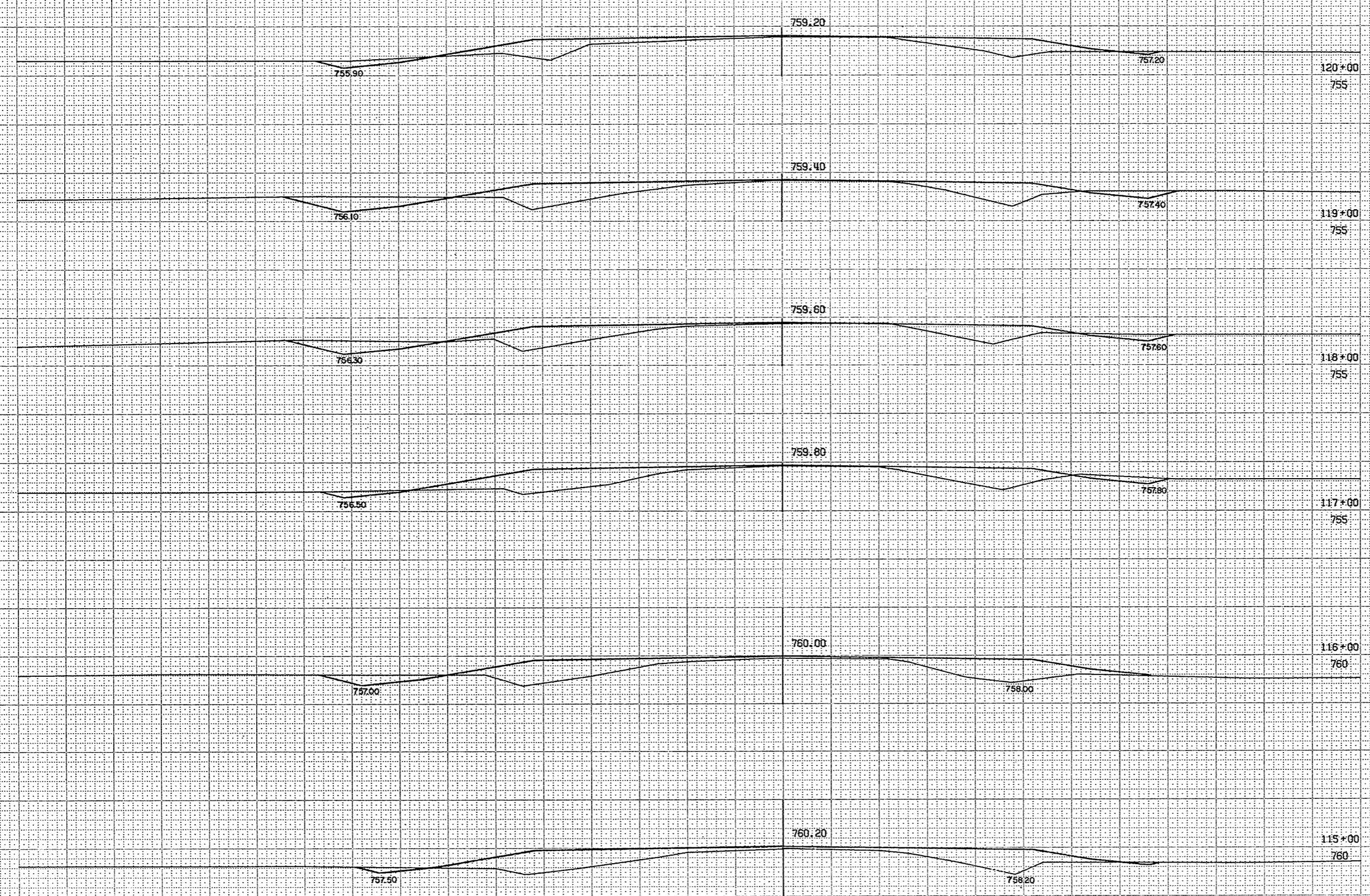
761.19

759.20

759.20

1" = 5' VER
1" = 5' HOR
3 6460 20013

SURVEY
I



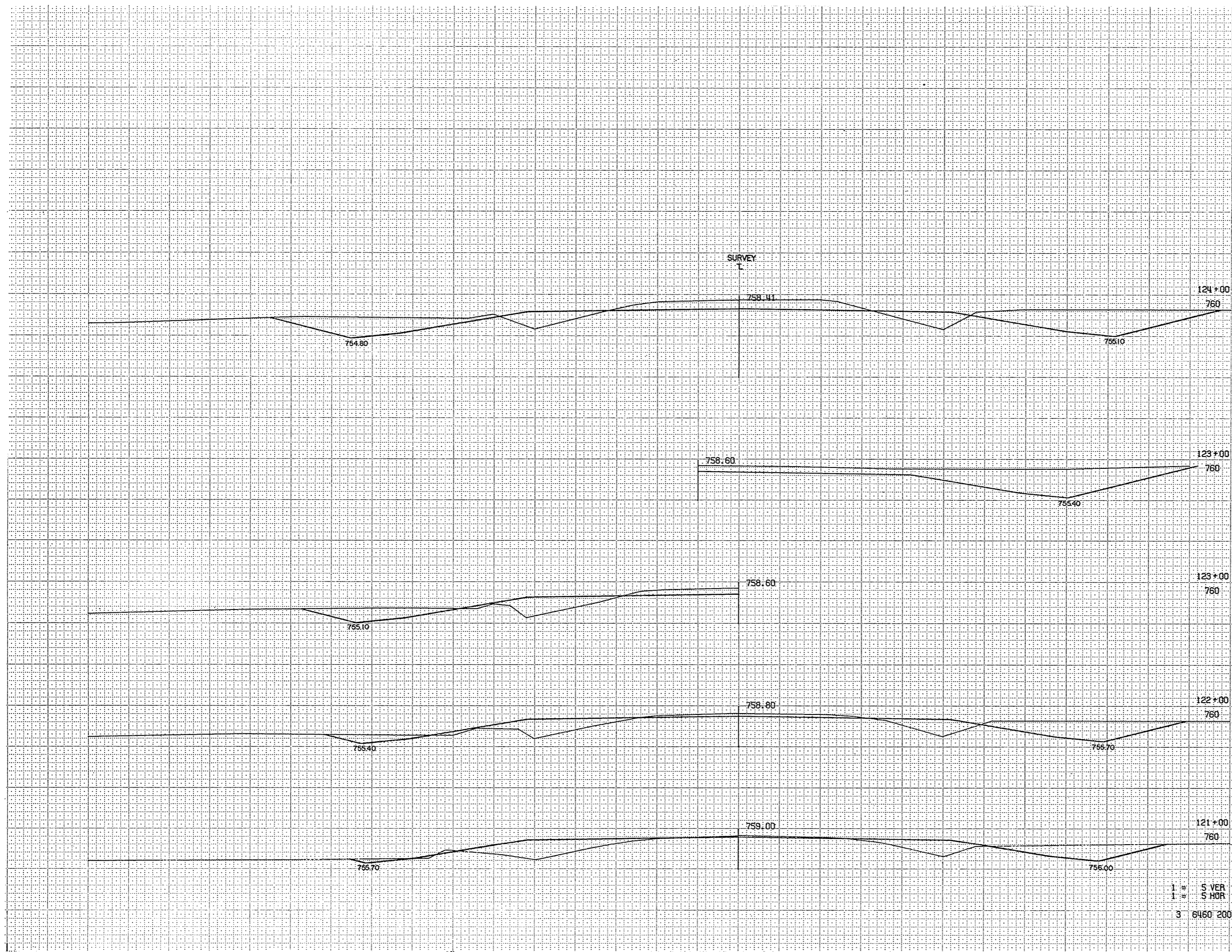
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (5)	51	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
114		39	202
115		20	259
116		28	248
117		44	209
118		69	193
119		46	185
120			
TOTALS		246	1296

1" = 5' VER
 1" = 5' HOR
 3 6460 20013

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 HIS	S 1260 (3)	52	91

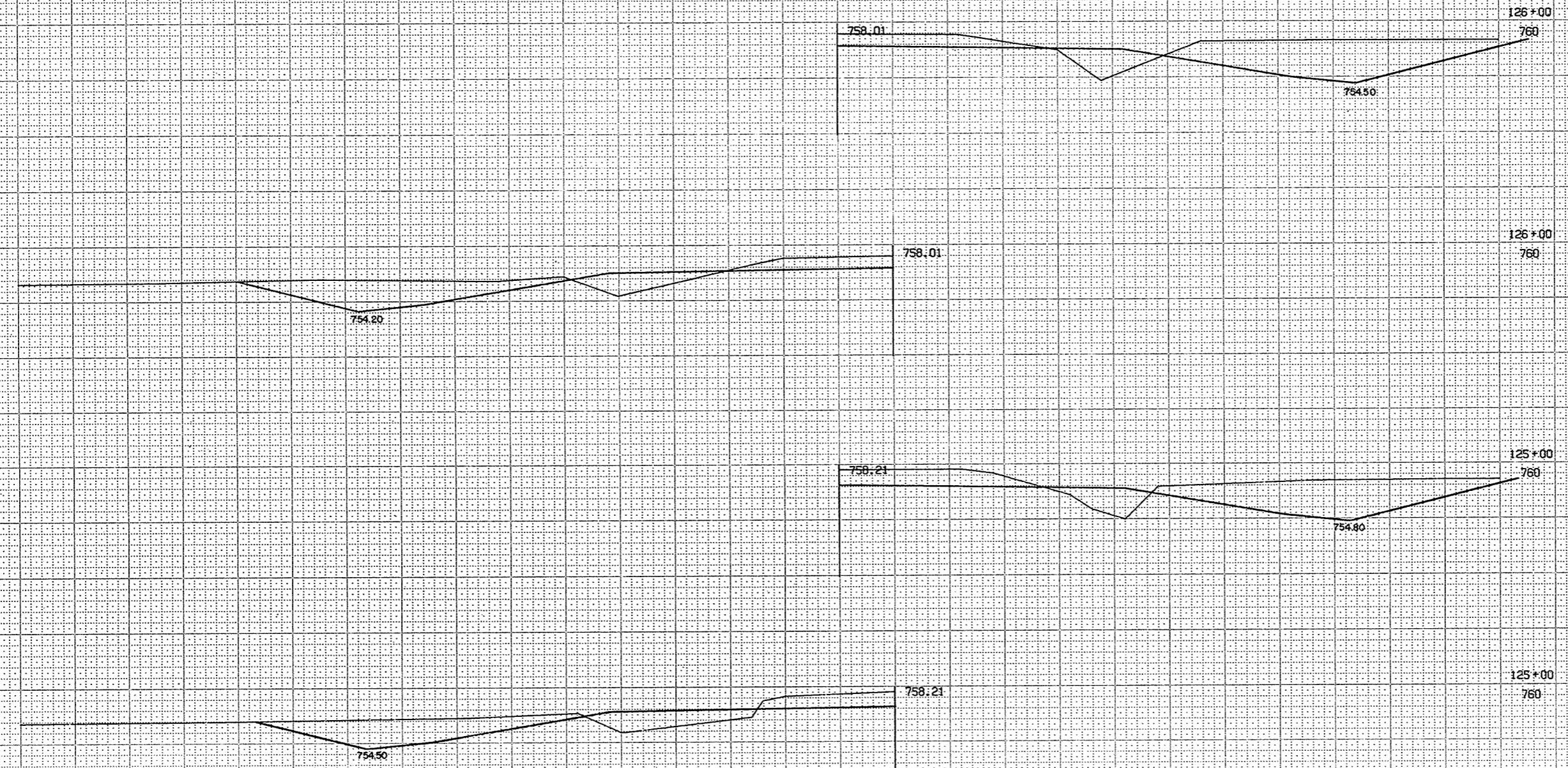
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
120	61		167
121	148		152
122	313		107
123	444		89
124			
TOTALS	966		515



1" = 5' VER
 1" = 5' HOR
 3 6460 20013

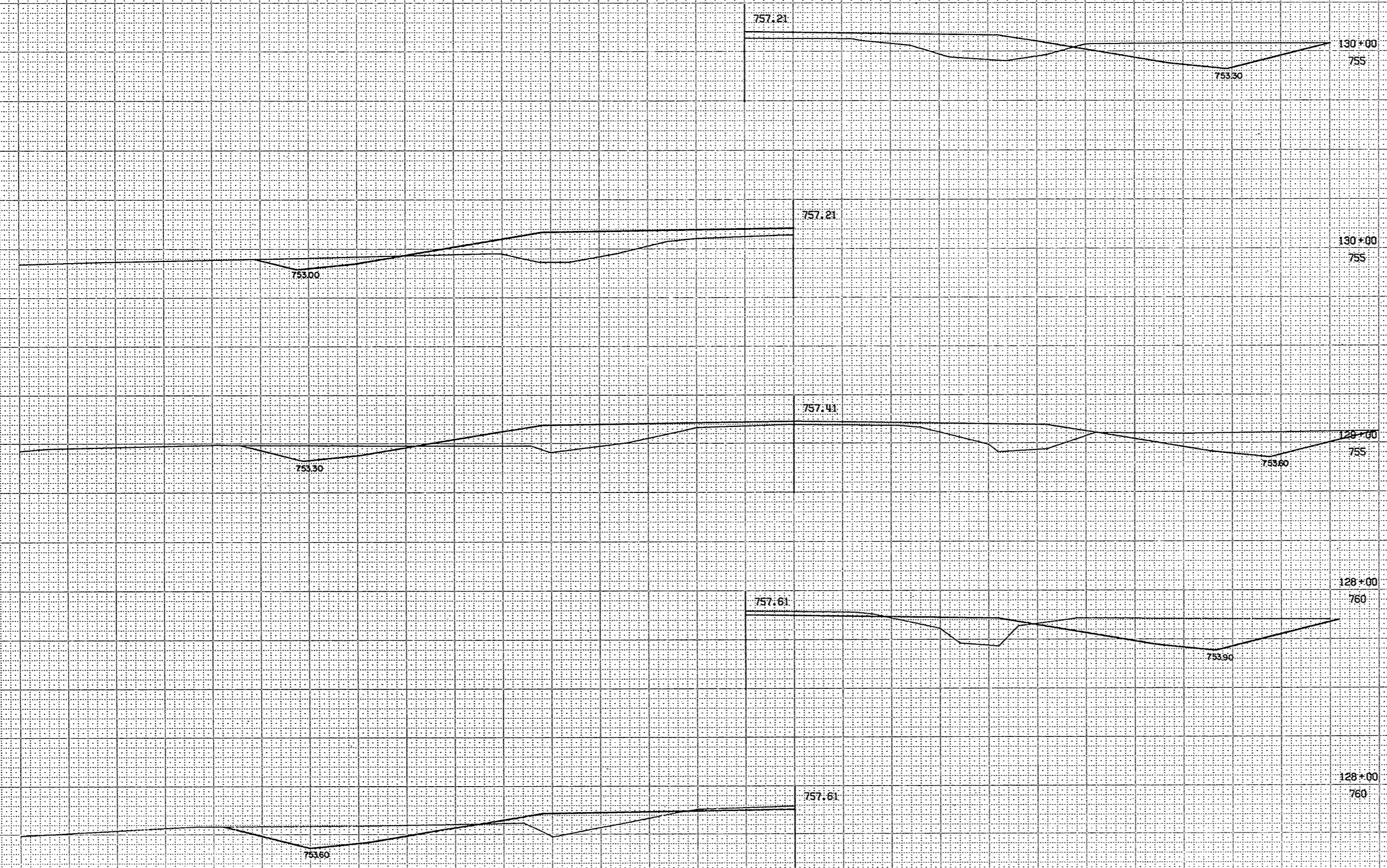
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (B)	53	91
STATION	DISTANCE	TARDAGE	
		EXCAVATION	
		UNCL	FILL
124		513	111
125		569	117
126			
TOTAL		1082	228

SURVEY
T



1" = 5' VERT
1" = 5' HOR
3 6460 20013

SURVEY
T



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 RIS	S 1260 (3)	55	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
127			
128	430		124
129	283		243
130	191		350
TOTALS		904	717

1 = S VER
1 = S HOR
3 6460 20013

41/96

BPR REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
HIS	S 1260 (3)	56	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
130		159	426
131		96	541
132		59	598
133		72	563
134			
TOTALS		386	2,128

SURVEY

756.41

134+00

752.20

752.10

756.61

133+00

752.40

752.40

756.81

132+00

752.60

752.70

757.01

131+00

752.80

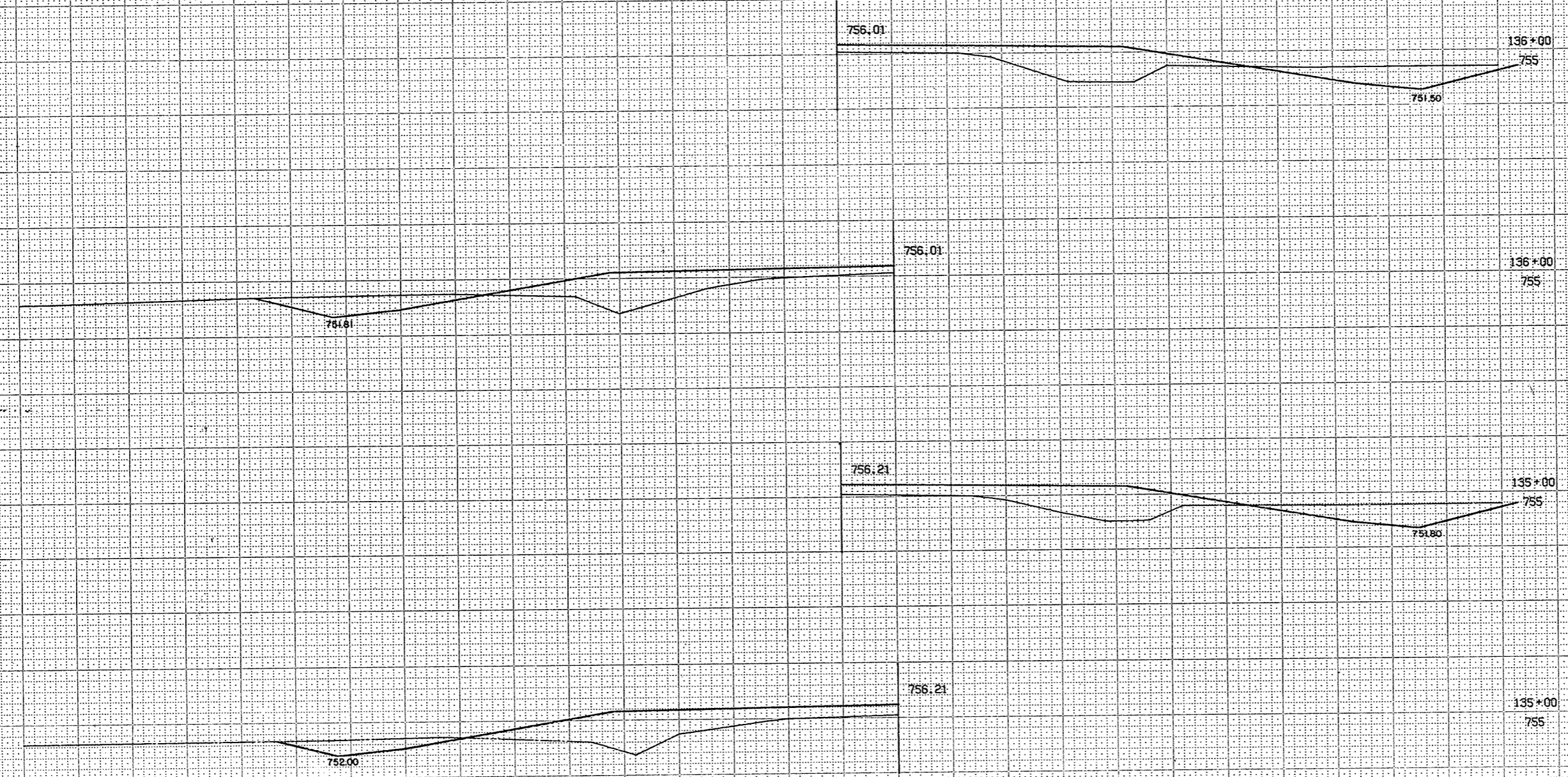
753.00

1" = 5' VERT
 1" = 5' HOR
 3 6460 20013

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WTS	S 1260 (3)	57	91

STATION	OBSTACLE	YARDAGE	
		EXCAVATION	FILL
134			
135	120		494
136	172		424
TOTALS		292	918

SURVEY
T



1 = S VER
1 = S HOR
3 6460 20013

SURVEY
L

140+00

760

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS	S 1260 (3)	58	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
136			
137	191		406
138	204		337
139	181		215
140	174		117
TOTALS	750		1,075

755.22

752.70

752.70

139+00

760

755.42

752.20

752.20

138+00

755

755.62

751.70

751.70

137+00

755

755.82

751.20

137+00

755

755.82

751.60

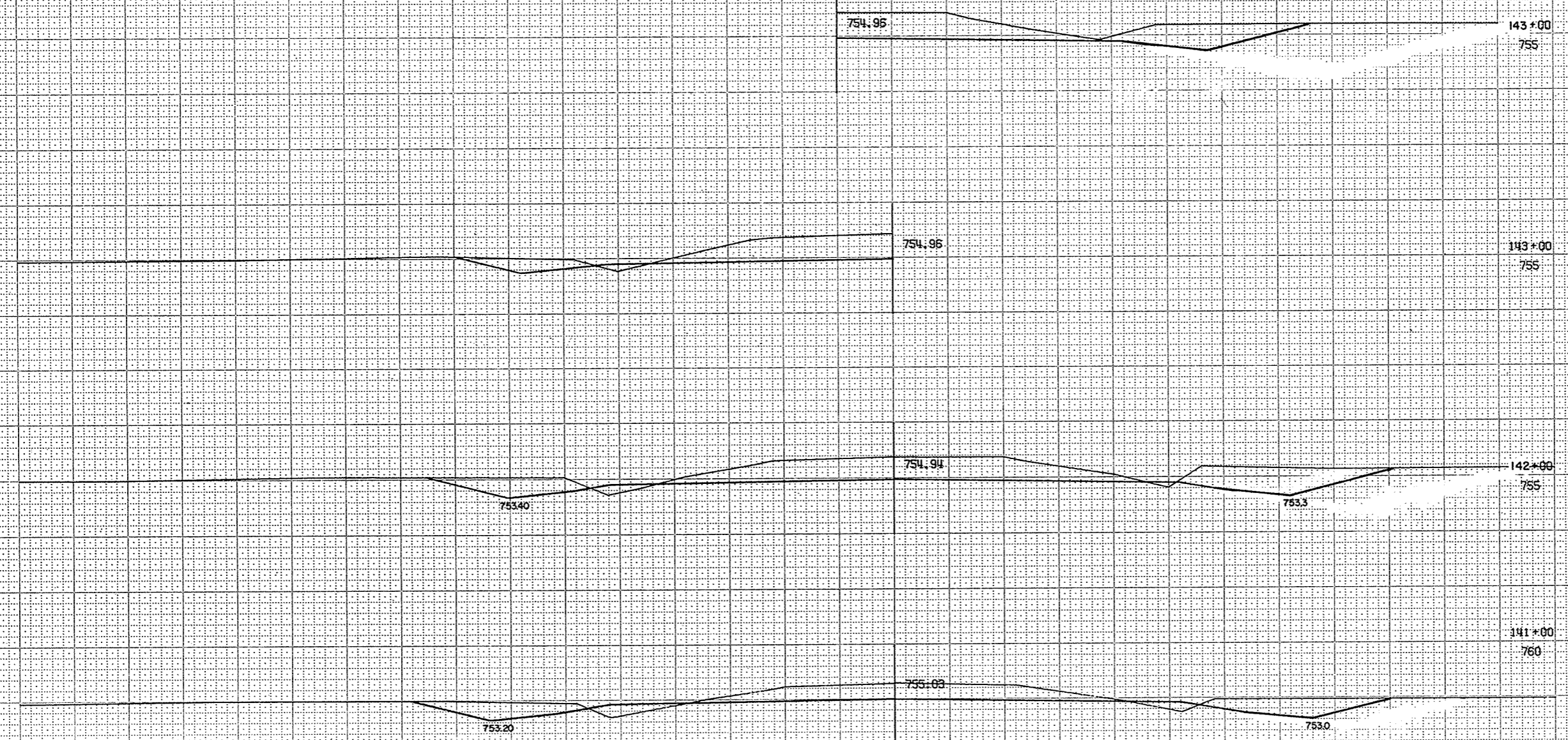
1" = 5' VER
1" = 5' HOR
3 6460 20013

44/16

RPR. REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
Q WIS	S 1260 (3)	59	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
140			
141		240	50
142		357	24
143		413	11
TOTALS	1,010		85

SURVEY



1" = 5' VERT
 1" = 5' HOR
 3- 6460 20013

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS	S 1260 (3)	60	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
143			
		354	9
144		255	22
145			
TOTALS		609	31

SURVEY
T

145+00
760

735.30

145+00
760

755.30

144+00
760

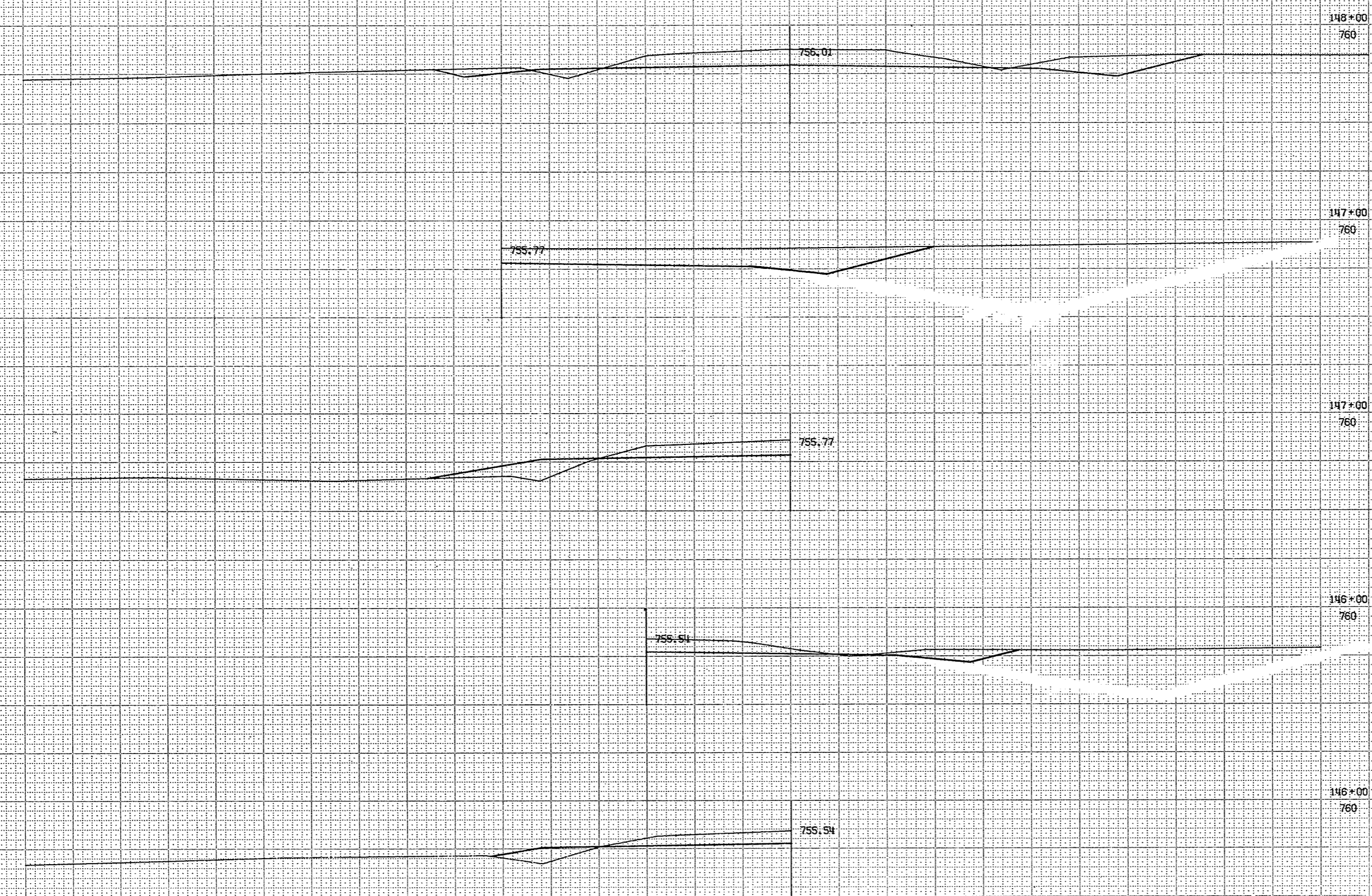
755.08

144+00
760

755.08

1" = 5' VERT
1" = 5' HOR
3 6460 20013

SURVEY
L



BPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS		S 1260 (3)	61	91
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
145		190		35
146		269		50
147		321		39
148				
TOTALS		780		124

1 S VER
1 S HOR
3 6460 20013

11/16

SURVEY

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	62	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
148	311		13
149	369		7
160	457		2
151	504		
152	463		2
153	478		2
154			
TOTALS		2,582	26

154+00

153+00

152+00

151+00

150+00

149+00

757.41

757.17

756.94

756.71

756.47

756.24

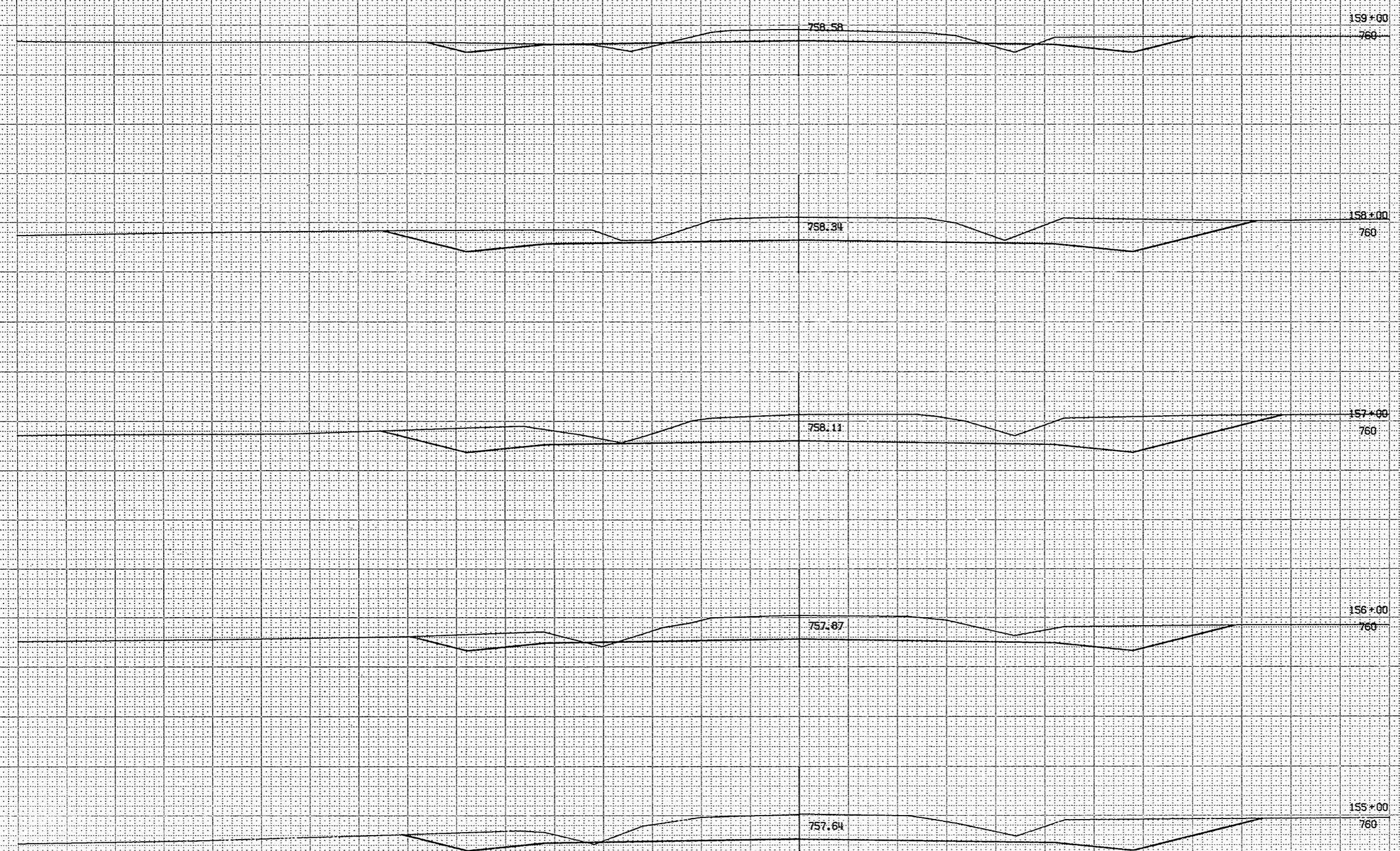
1" = 5' VERT

1" = 5' HOR

3 6460 20013

48/16

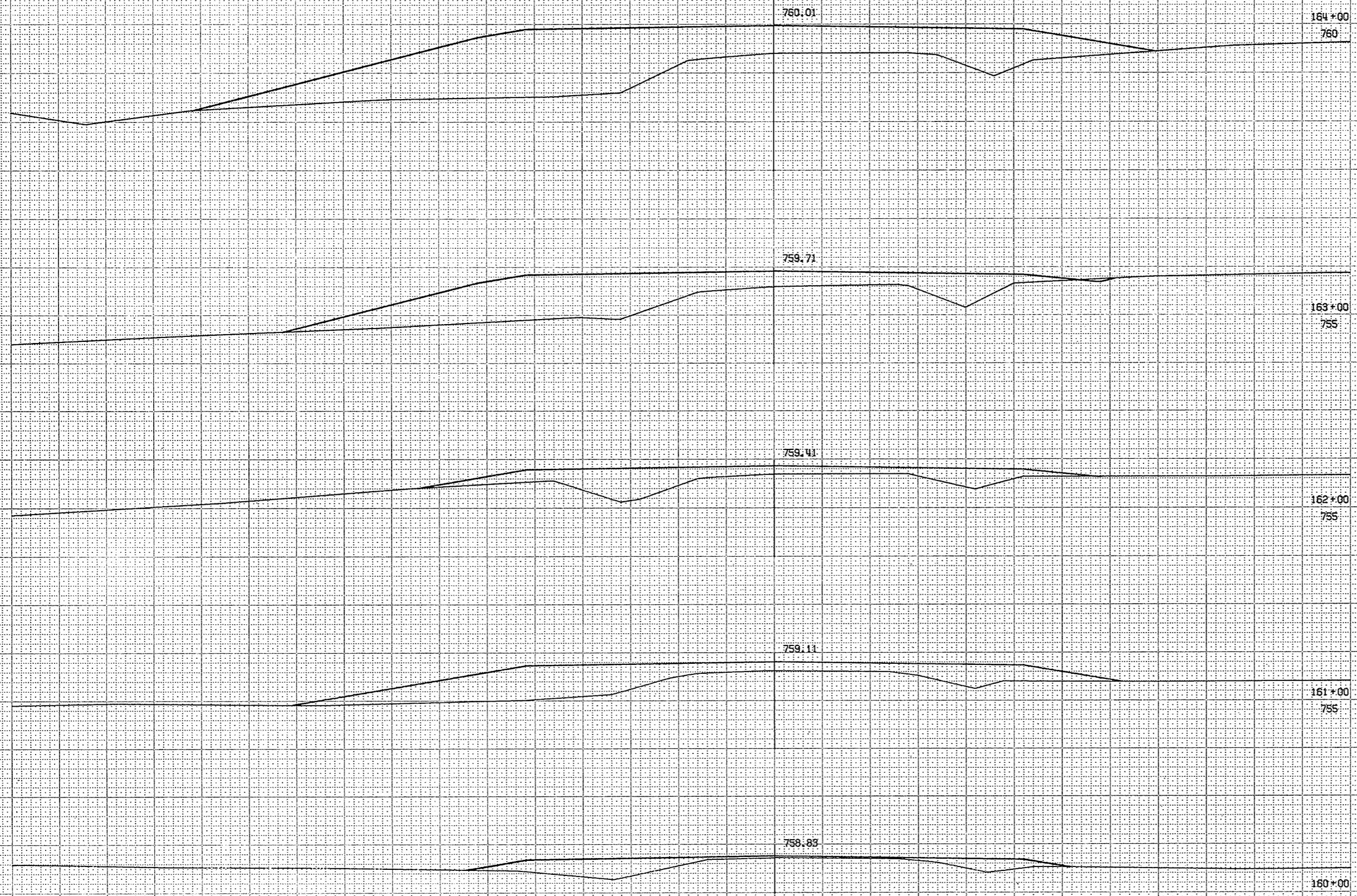
SURVEY
T



BPR REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (S)	63	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
154	550		
155	528		2
156	580		2
157	626		
158	380		11
159			
TOTALS		2,664	15

1 = S VER
1 = S HOR
3 6460 20013

SURVEY



164+00
760

163+00
755

162+00
755

161+00
755

160+00
755

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 HIS	S 1260 (3)	64	91

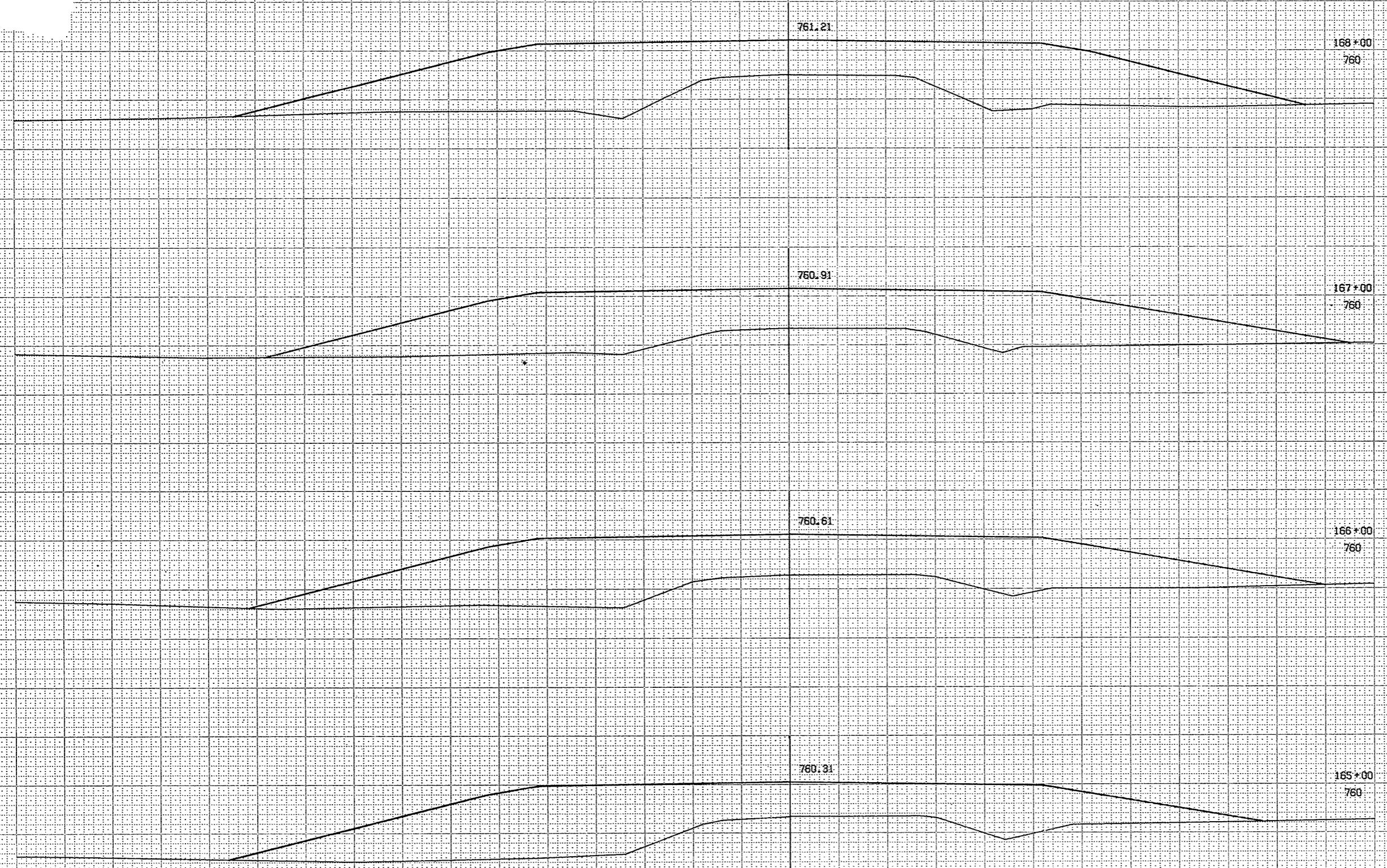
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
159			
160	93		98
161			356
162			426
163	2		533
164	2		1,043
TOTALS	97		2,456

1" = 5' VER
1" = 5' HOR

3 6460 20013

59/76

SURVEY



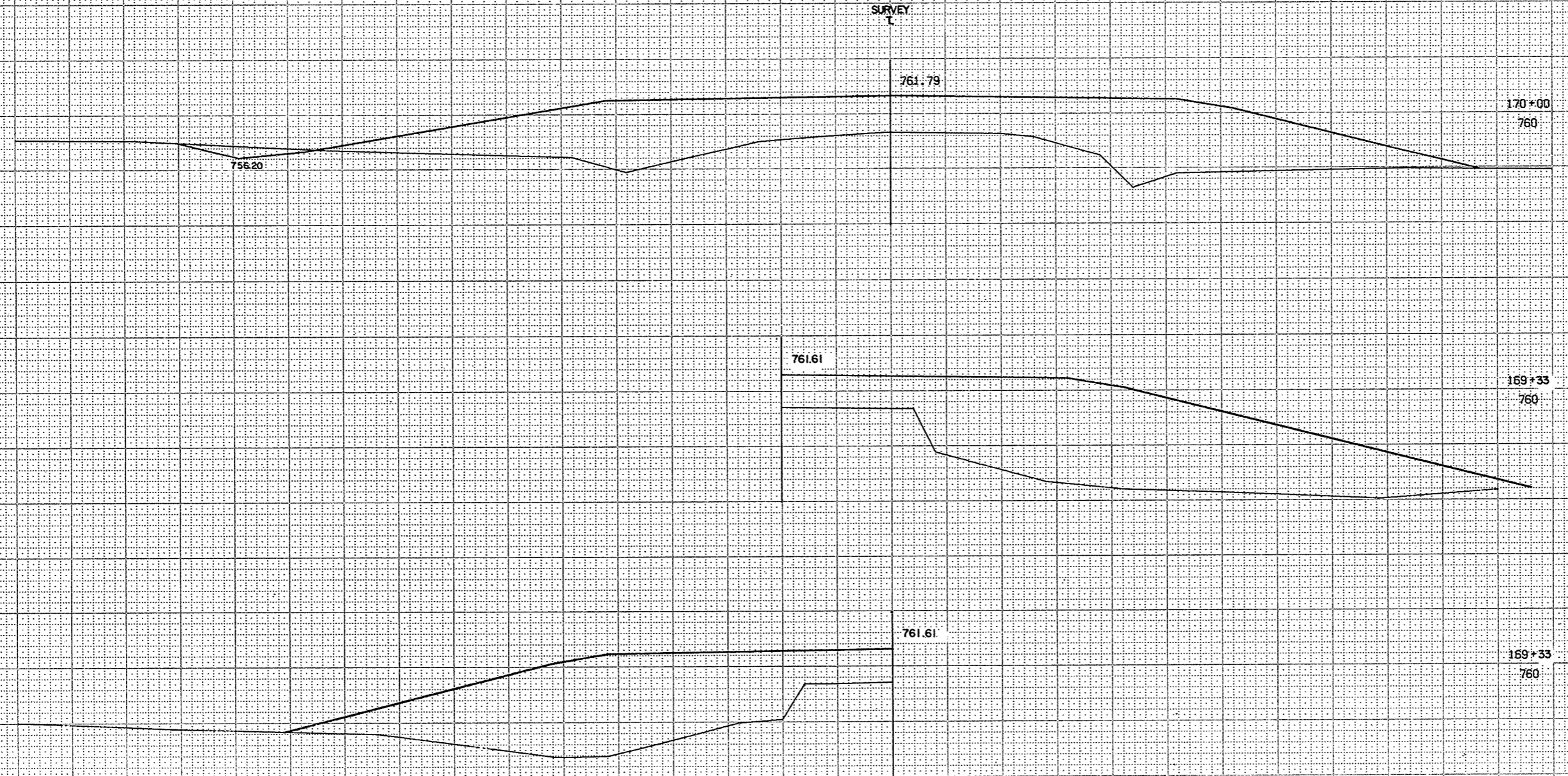
BPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS		S 1260 (3)	65	91
STATION	DISTANCE	YARDAGE		TOTAL
		EXCAVATION	FILL	
164				1,457
165				1,624
166				1,656
167				1,691
168				
TOTALS				6,428

1" = 5' VER
 1" = 5' HOR
 3-6460-20013

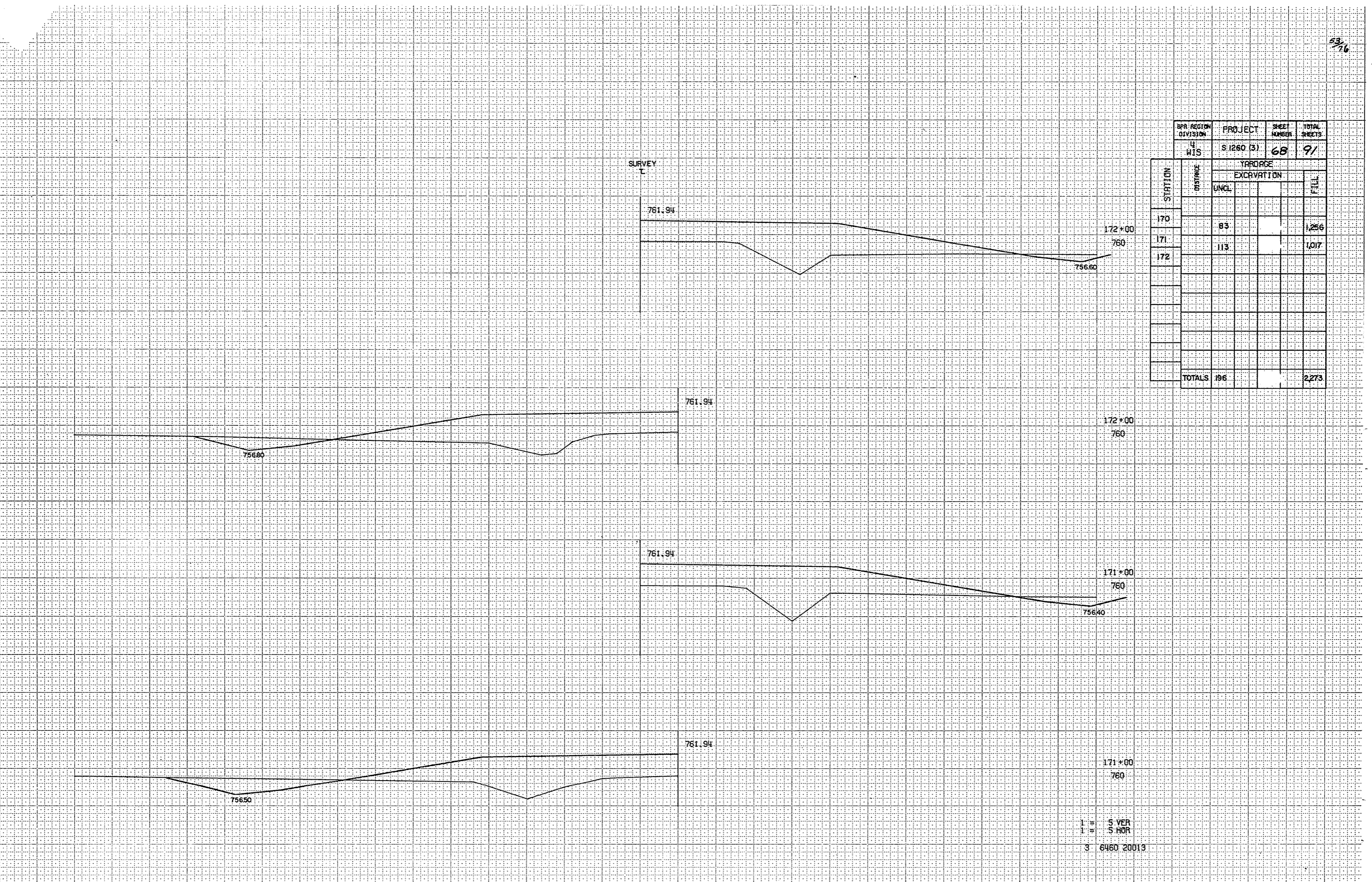
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WTS	S 1260 (3)	67	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
168			
+66			394
169			
+33	10		1,340
170			
TOTALS		10	1,734

SURVEY
T



1" = 5' VER
1" = 5' HOR
3 6460 20013



SURVEY
T

BPR REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	68	91

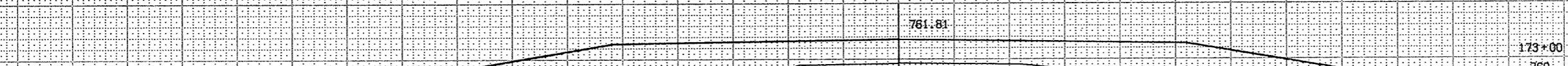
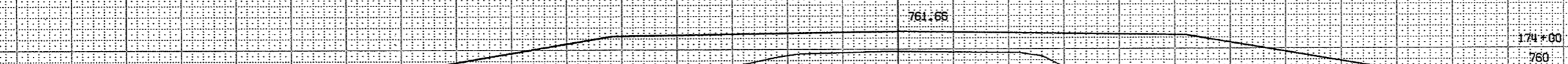
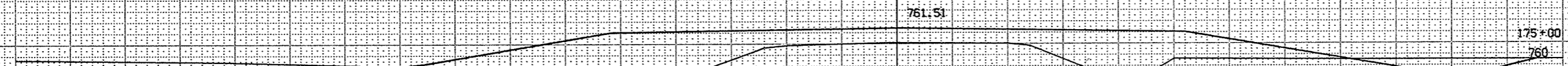
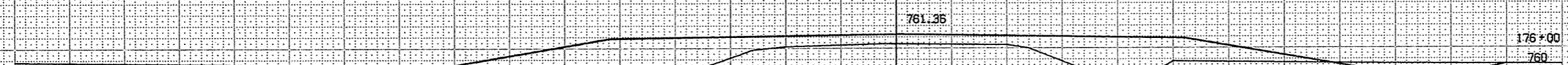
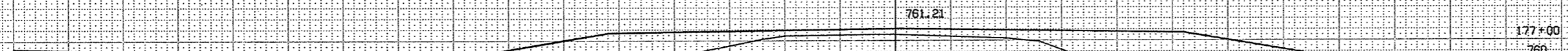
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
170			
171	83		1,256
172	113		1,017
TOTALS	196		2,273

1" = 5' VERT
 1" = 5' HOR
 3 6460 20013

58/16

SURVEY

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 HIS	S.1260 (3)	69	91
STATION	DISTANCE	TADGE	
		EXCAVATION	FILL
172	72		952
173	54		833
174	54		713
175	54		565
176	57		444
177			
TOTALS		271	3,517



1" = 5' VERT
 1" = 5' HOR
 3 6460 20013

SURVEY
T

182+00
765

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (S)	70	91

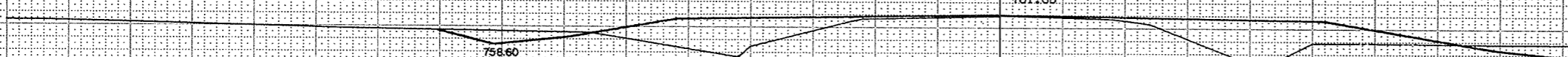
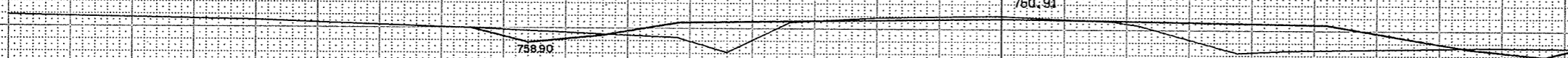
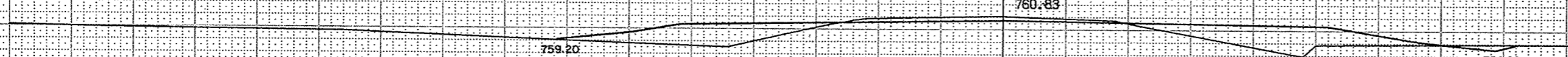
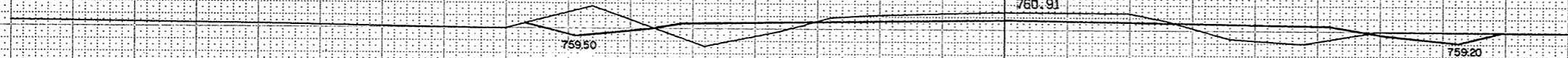
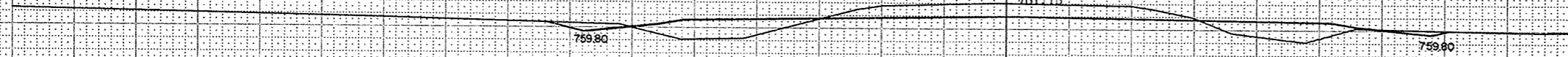
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
177		37	344
178		48	246
179		35	193
180		74	143
181		117	102
182			
TOTALS		311	1028

181+00
765

180+00
765

179+00
765

178+00
760



1" = 5' VER
1" = 5' HOR
3 6460 20013

5676

SURVEY
T

188+00
770

765.55

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS	S 1260 (3)	71	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
182		126	89
183		122	91
184		83	104
185		57	131
186		59	137
187		46	143
188			
TOTALS		493	686

187+00
765

764.44

186+00
765

763.48

185+00
765

762.67

184+00
765

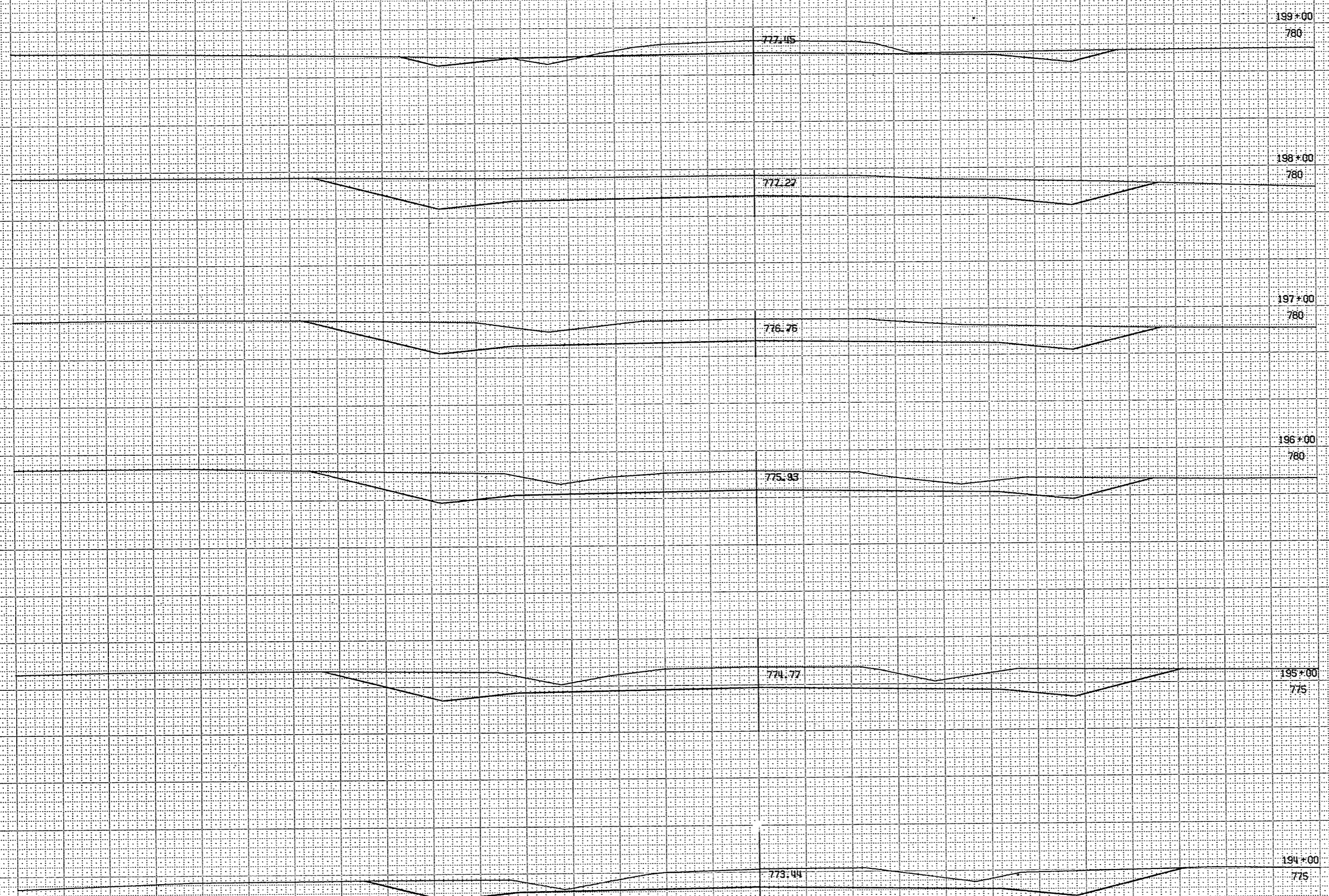
762.01

183+00
765

761.49

1" = 5' VER
1" = 5' HOR
3 6460 20013

SURVEY
T



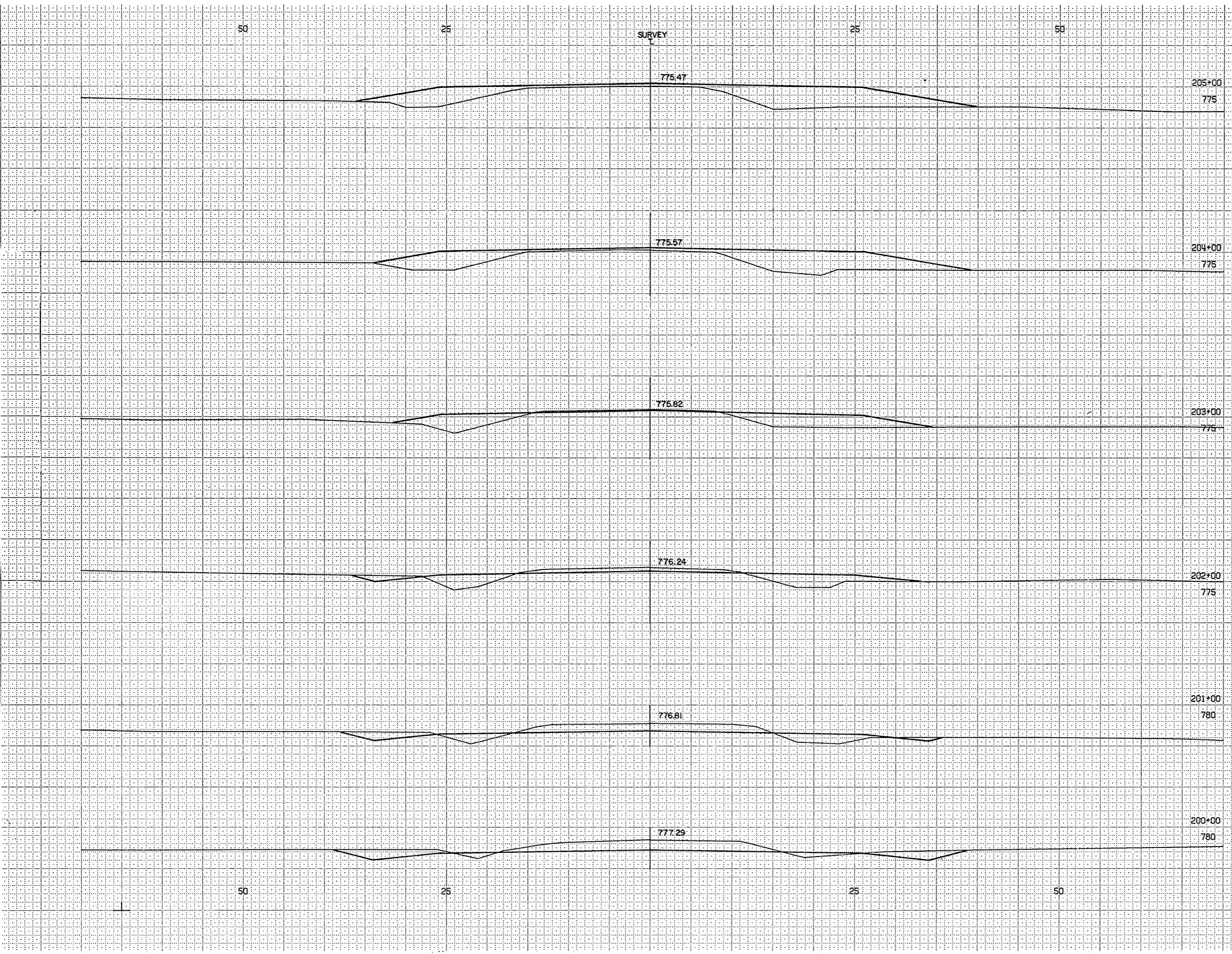
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (B)	73	91

STATION	DISTANCE	TADORGE	
		EXCAVATION	FILL
193	385		7
194	561		
195	607		
196	646		
197	707		
198	448		6
199			
TOTALS		3,354	13

1" = S. VER
1" = S. HOR
3 6460 20013

59/16

SURVEY



STATION	DISTANCE	EXCAVATION		FILL
		UNCL		
199		193		15
200		170		37
201		109		80
202		46		139
203		13		217
204		2		267
205				
TOTALS		533		755

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	74	91

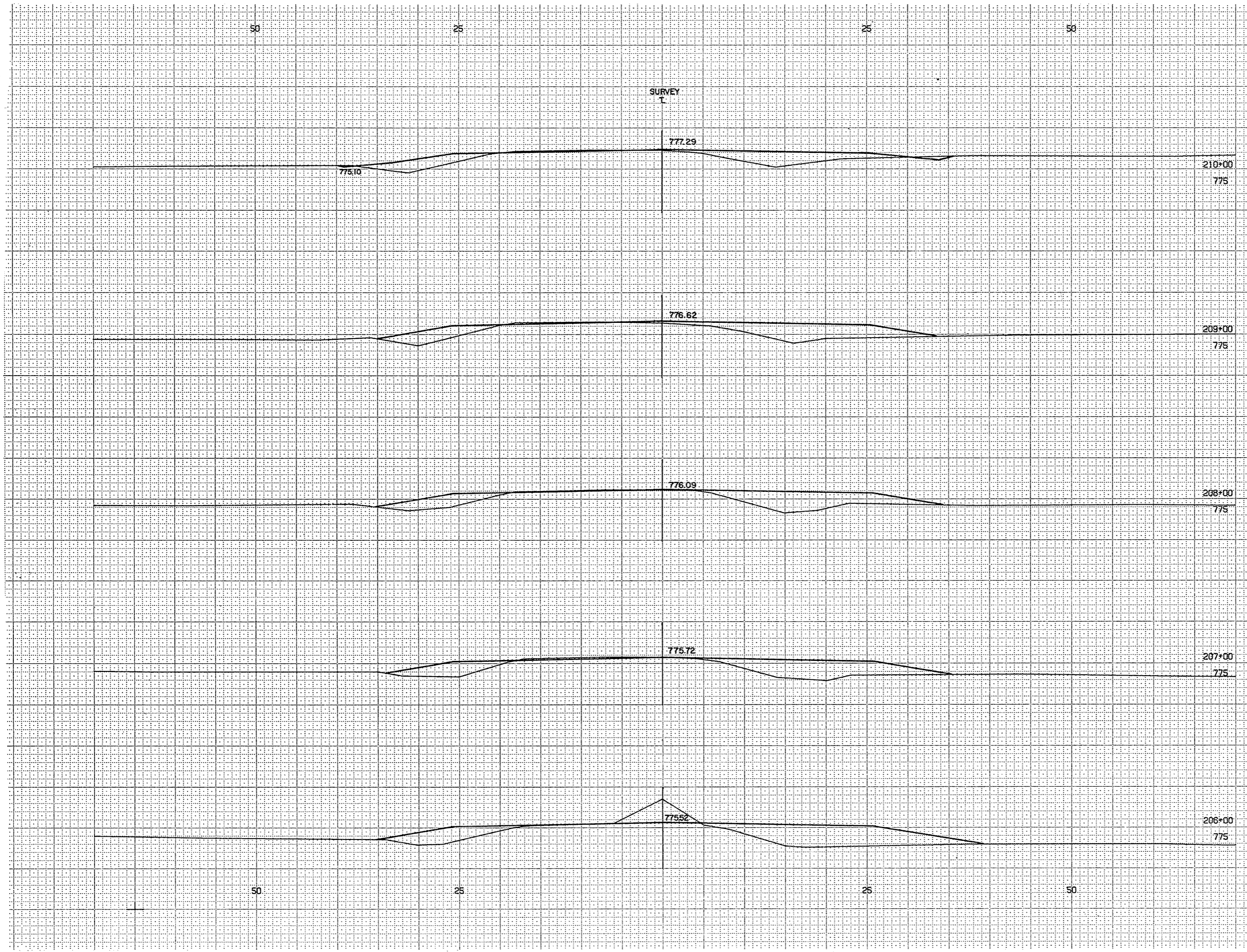
1" = 05' HOR
 1" = 05' VER
 3956 36

60%

SURVEY
T

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	75	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
205		33	272
206		41	246
207		19	200
208		19	180
209		35	139
210			
TOTALS		147	1037

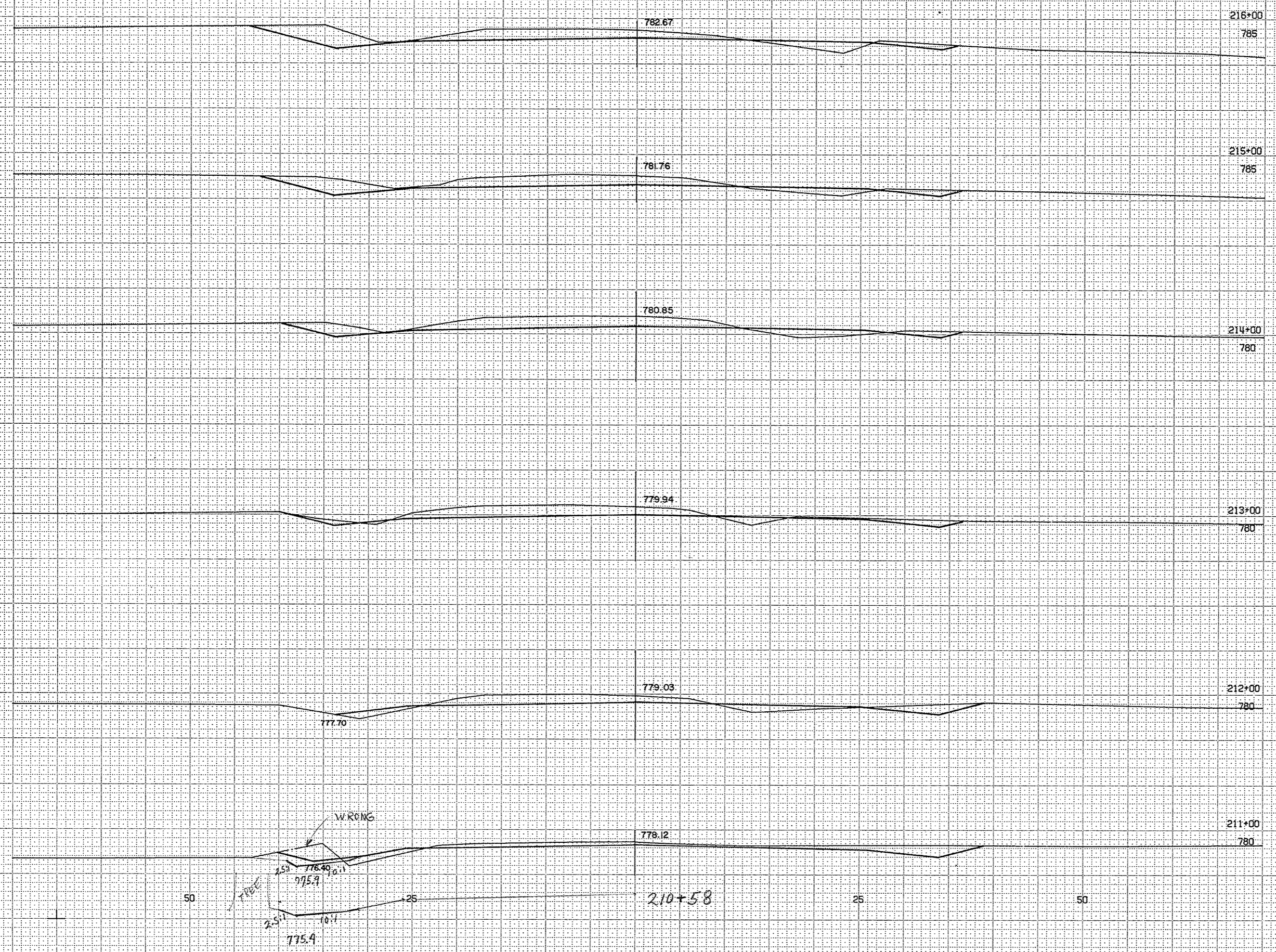


1 = OS HOR
1 = OS VER
3956 37

61/76

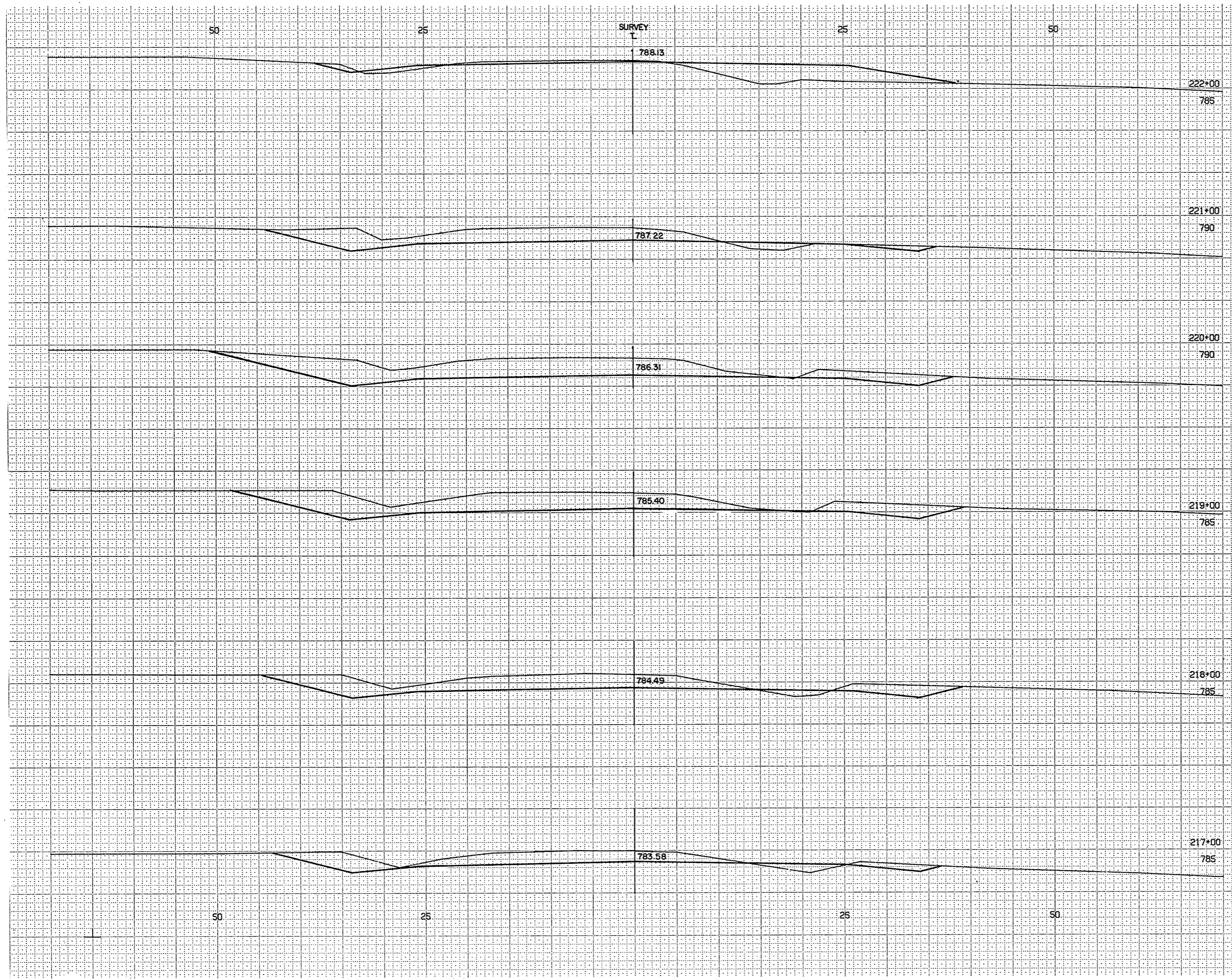
SURVEY
T

STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL.	FILL
210		113	56
211		154	24
212		176	20
213		224	13
214		233	17
215		283	13
216			
TOTALS		1,183	143



1" = 05' HOR
1" = 05' VEA
3956 38

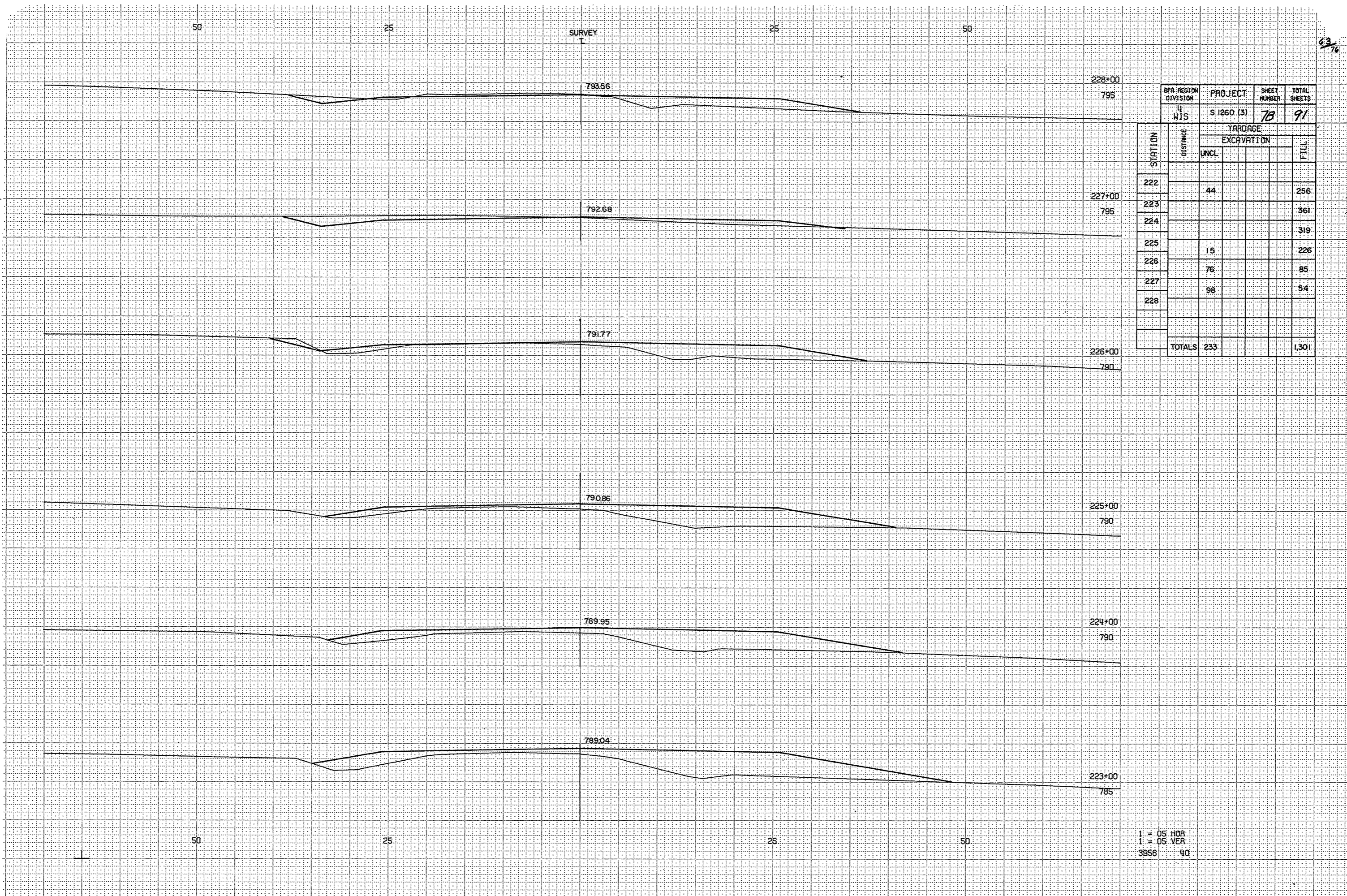
62/76



BPA REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS		S 1260 (3)	77	91
STATION	DISTANCE	YARDAGE		TOTAL
		EXCAVATION		
		UNCL		FILL
216		307		13
217		309		17
218		437		9
219		548		
220		457		7
221		222		72
222				
TOTALS		2280		118

1" = 05' HOR.
1" = 05' VER.
3956 39

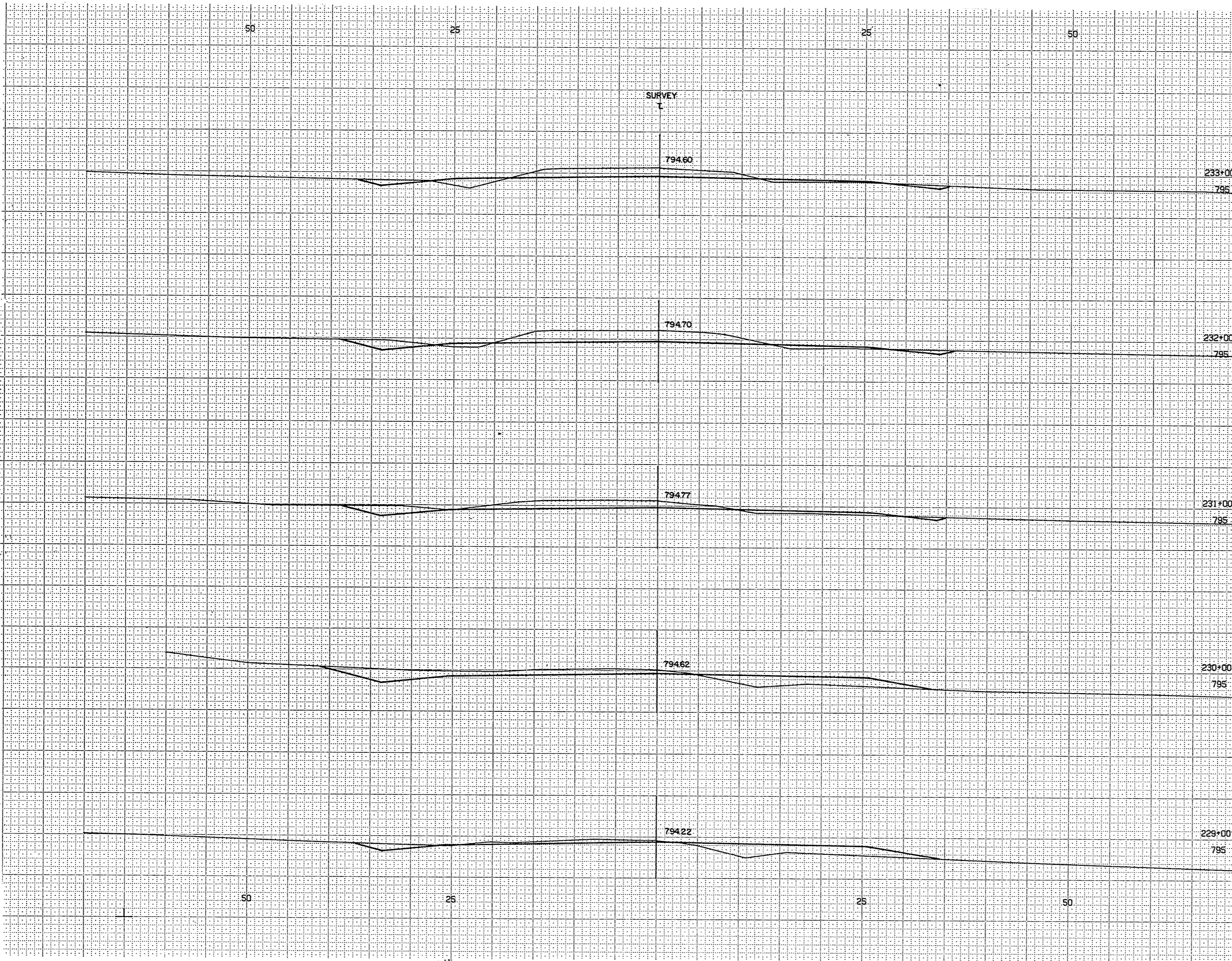
63/76



BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	76	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
222		44	256
223			361
224			319
225		15	226
226		76	85
227		98	54
228			
TOTALS		233	1301

1" = 05' HOR
 1" = 05' VER
 3956 40



SURVEY
T

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS	S.1260 (3)	79	91
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
228		74	85
229		106	76
230		164	41
231		198	7
232		209	9
233			
TOTALS	741		218

1" = 05' HOR.
1" = 05' VER.
3956 41

67/76

SURVEY
T

SPT REGION DIVISION		PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS		S 1260 (3)	82	91
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL		
416		278		
417		370		
418		476		
419		428		
420		378		
421		459		
422				
TOTALS		2,389		

422+00
785

778.1

779.7

421+00
785

779.1

780.6

420+00
785

780.1

781.6

419+00
785

781.1

782.1

418+00
785

782.1

782.6

417+00
785

783.1

783.6

50

25

25

50

50

25

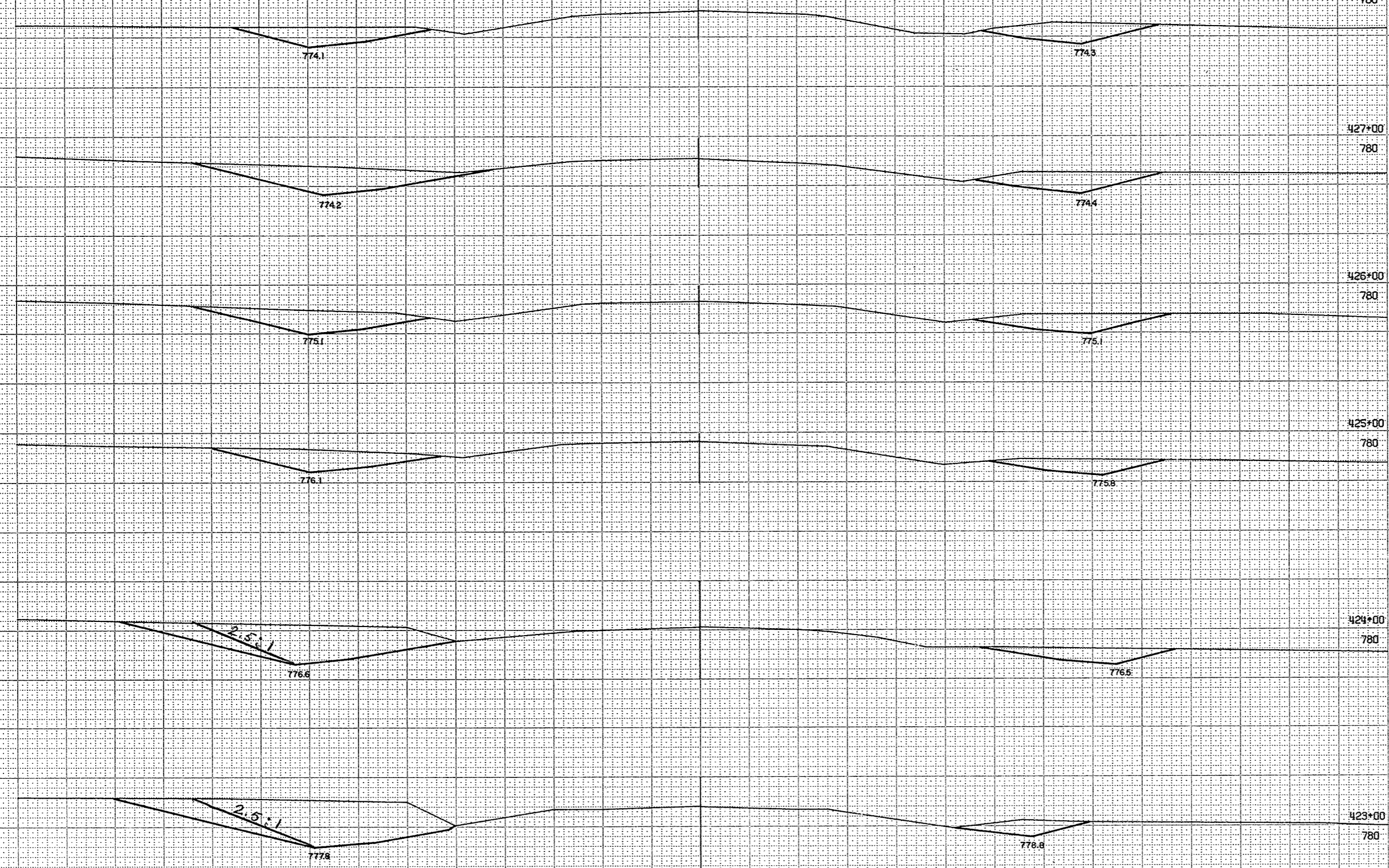
25

50

1" = 05' HOR
1" = 05' VER
3956 77

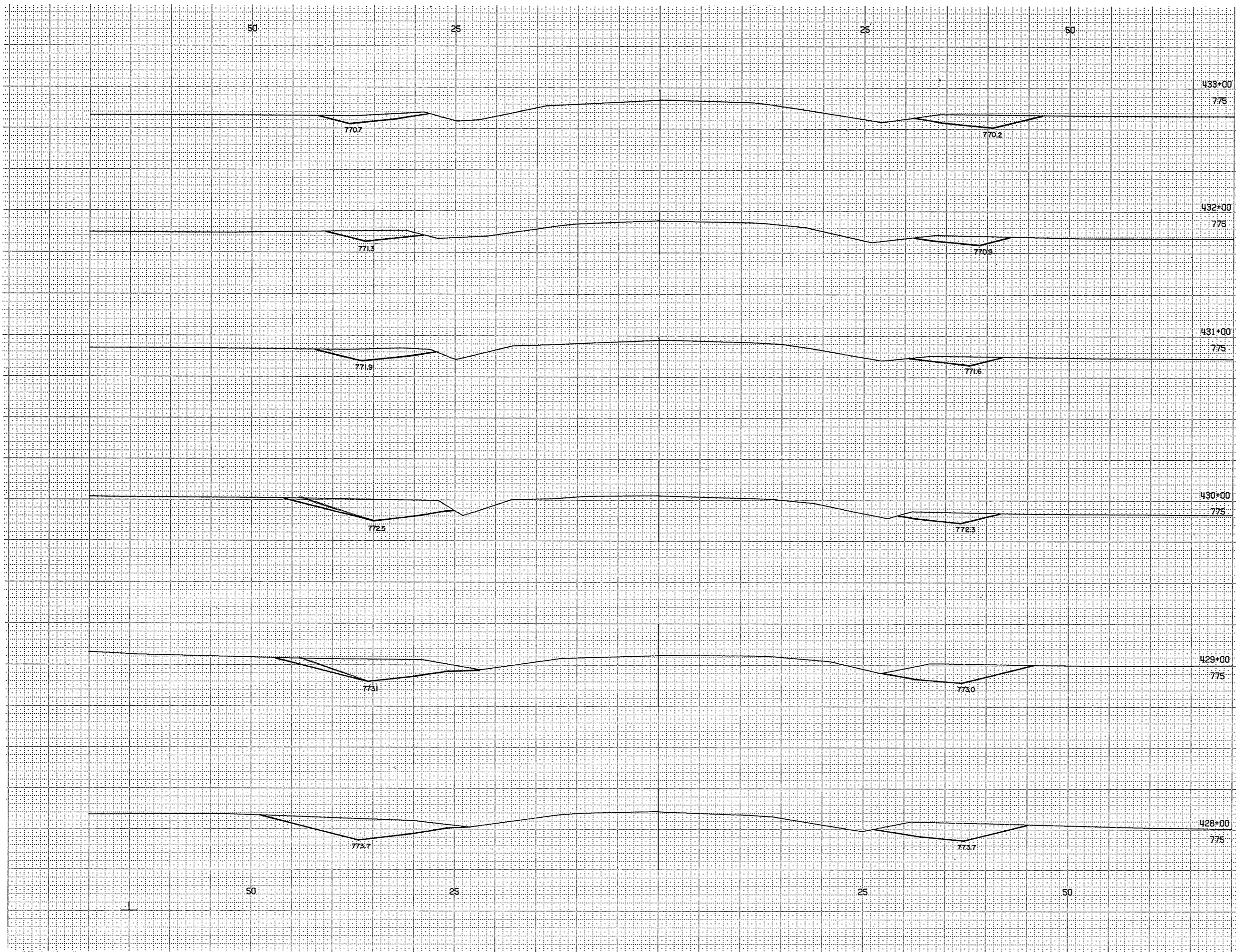
SURVEY

STATION	DISTANCE	PROJECT		SHEET	TOTAL
		UNCL	FILL	NUMBER	SHEETS
		S 1260 (3)		83	91
		YARDAGE			
		EXCAVATION			
422		485			
423		411			
424		294			
425		222			
426		258			
427		15			
TOTALS		1,681			



1" = 05' HOR
 1" = 05' VER
 3956 78

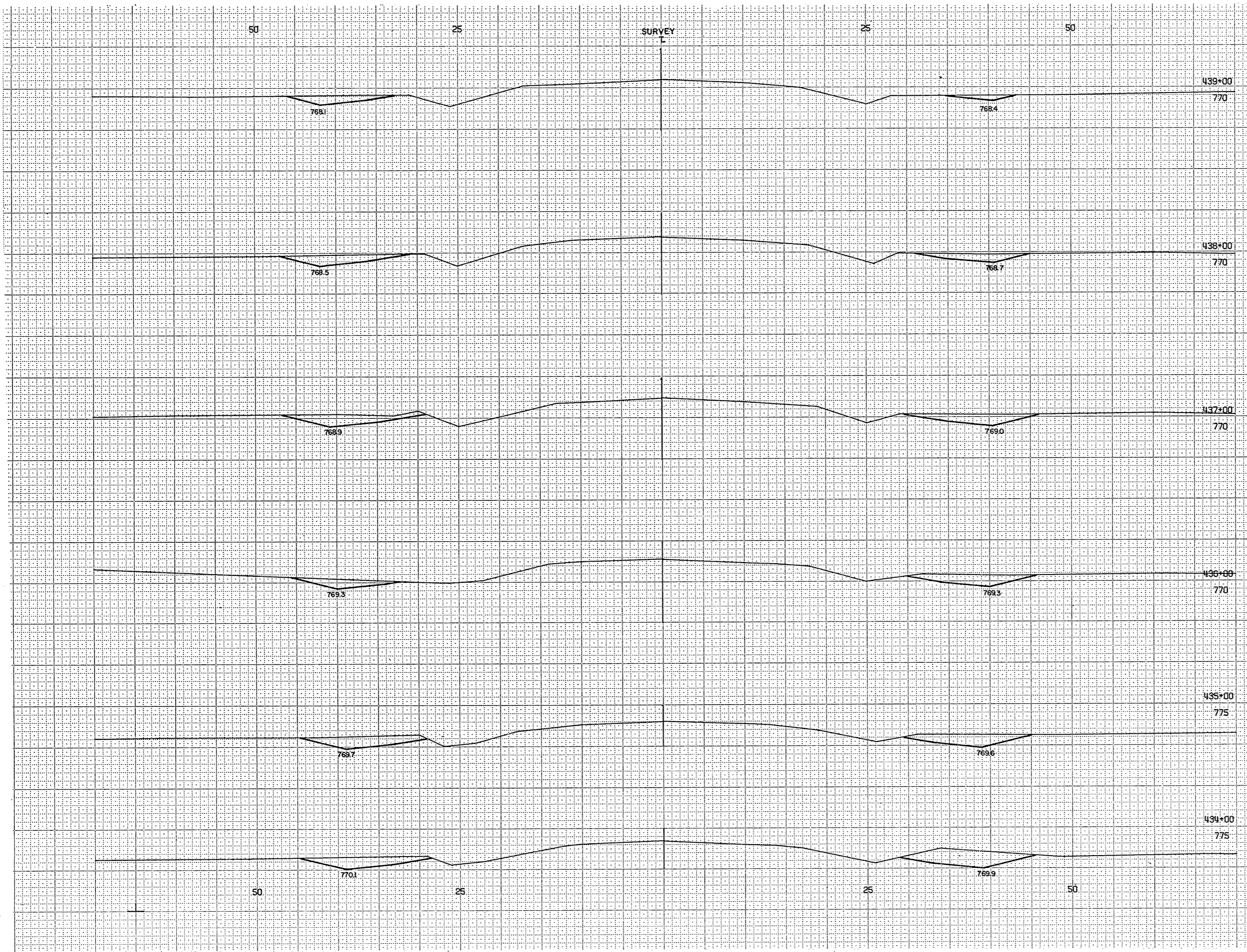
63/76



STATION	DISTANCE	TARDAGE	
		EXCAVATION	
		UNCL.	FILL
427+05		217	
428		246	
429		219	
430		146	
431		100	
432		119	
433			
TOTALS		1,047	

1 = 05 HOR
1 = 05 VER
3956 79

70/14

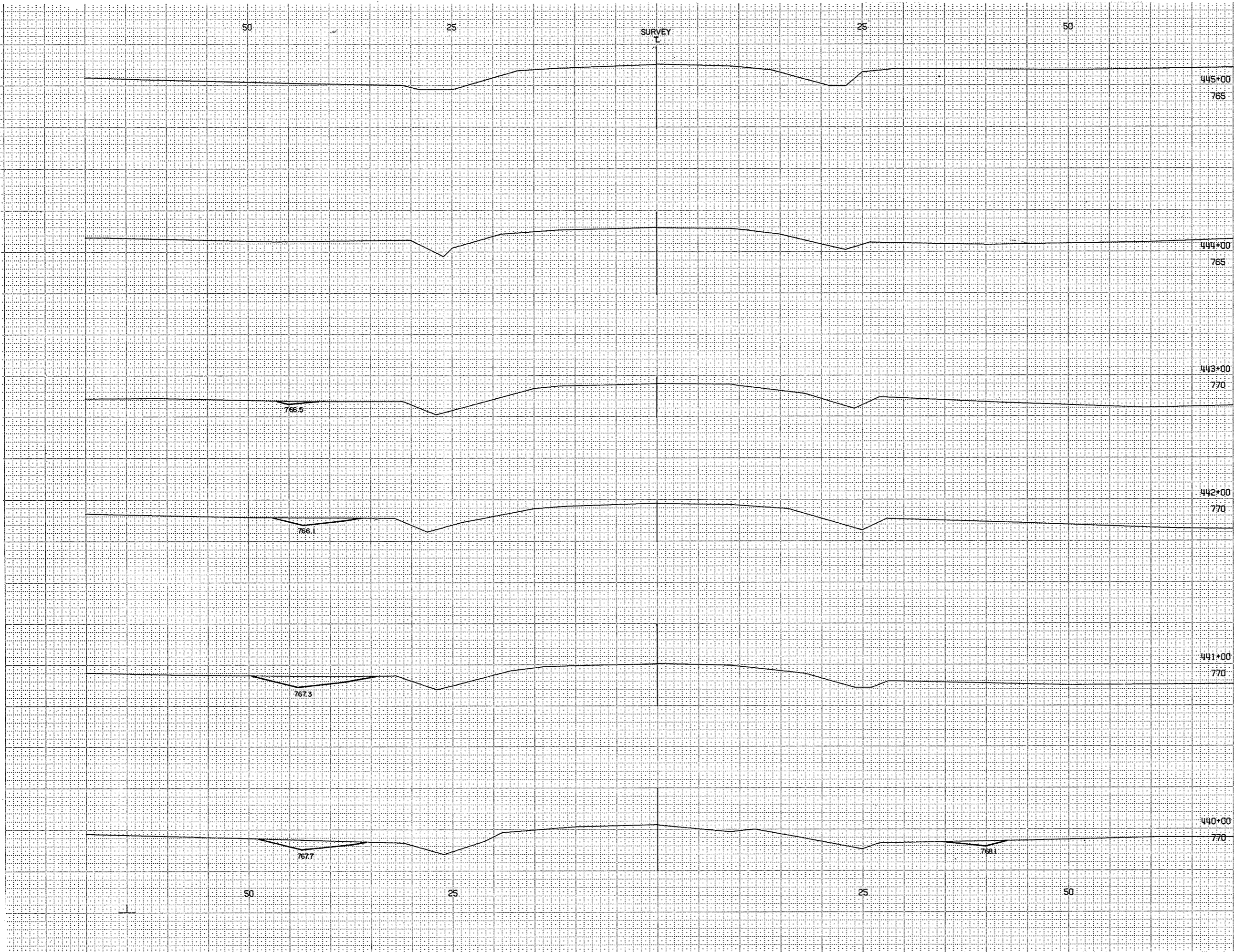


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
433		146	
434		150	
435		126	
436		115	
437		124	
438		98	
439			
TOTALS		759	

BPR REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 1260 (3)	85	91

1" = 05' HOR
 1" = 05' VEA
 3956 80

7/16



STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL	FILL
439		50	
440		41	
441		44	
442		22	
443		2	
444			
445			
TOTALS		159	

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	86	91

1 = 05 HOR
 1 = 05 VER
 3956 81

19/16

SURVEY
T

772.21

450+00
770

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	89	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
448			1557
449			1256
+60			696
450			
TOTALS			3509

771.93

449+60
770

771.52

449+00
770

771.52

449+00
770

1 = 5 YER
 1 = 5 HOR
 3 6460 20013

SURVEY

BPA REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	90	91

STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL	FILL
450			1080
451			511
452	4		230
453	209		72
454	314		5
455			
TOTALS		527	1,898

454+55
780

775.36

454+00
775

774.98

453+00
770

774.28

452+00
770

773.60

451+00
770

772.90

1" = 5' VER
1" = 5' HOR
3 6460 20013

Handwritten notes:
10/10/00
10/10/00

16%

SURVEY
T

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	91	91
STATION	DISTANCE		TOTAL
	YARDAGE		
	EXCAVATION		FILL
	UNCL		
+55	333		1
455	802		
456	750		
457	591		
458	206		
+42			
TOTALS	2682		1

456+42 774.55 458+42 775

458+00 774.97 458+00 775

2.5:1 2.5:1

457+00 775.64 457+00 780

2.5:1 2.5:1

456+00 775.85 456+00 780

455+00 775.61 455+00 780

1" = 5' VER
1" = 5' HOR
3 6460 20013