PLAN 408

Area Constr. Supervisor

(12) 1 of 4

Index of Sheets

Sheet Number	Total Sheets
1	91

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

AS BUILT PLAN

PLAN #408

PLAN AND PROFILE OF PROPOSED

WEST COUNTY LINE - OSHKOSH

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

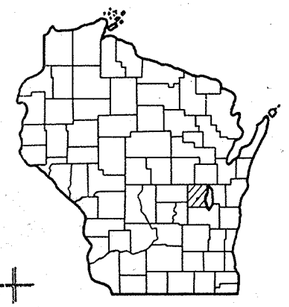
C.T.H. "E"

WINNEBAGO COUNTY

#3

PROJECT IDENTIFICATION NUMBER	FEDERAL PROJECT DESIGNATION
6460-2-[redacted]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.

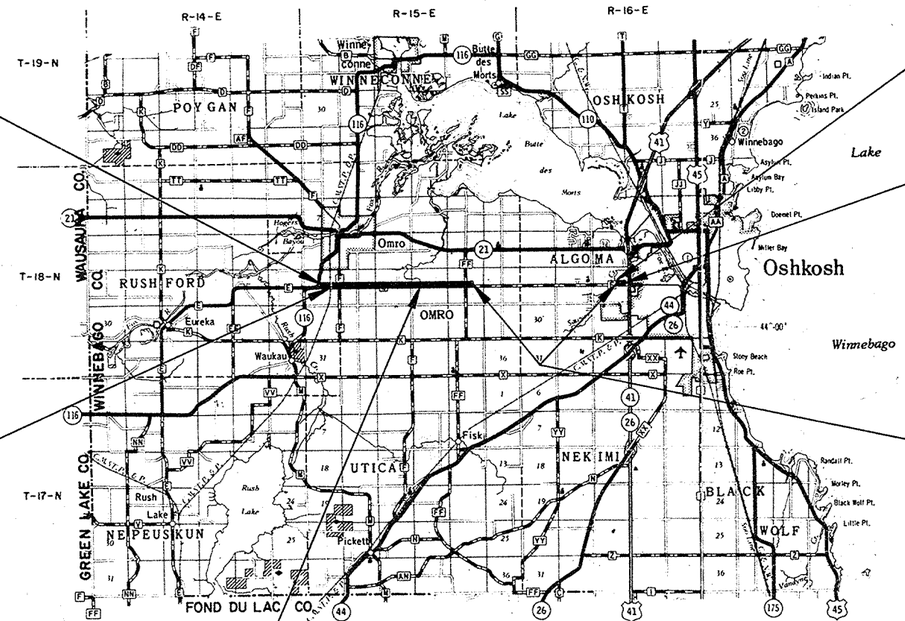


Design Designation

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



Layout

Scale 0 — 2 Mi.

Total Net Length of Centerline = 4.459 Mi.

STRUCTURE B-70-64

END OF PROJECT S 1260 (3) / 6460-2-(71.72.73)
STA. 458 + 42.37
1,771 94' S. 89°-53' E. OF CENTER OF
SEC. 21 T. 18 N. R. 16 E.

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

Conventional Signs

State Line
County Line
Township or Range Line
Section Line
New Right of Way Line
Present Right of Way Line
Wire Fence { Woven / Barbed
Lot Line
Corporate or City Limits
Property Line — P.L. + 32.6
Traveled Way or P.E.
Railroads
Base or Survey Line

Culverts in Place
Culverts Required
Drop Inlet
Power Pole
Telephone or Telegraph Pole
Right of Way Markers
Reference Stake for Hubs Only — +61.7 / 432 / ℄
Marsh
Hedge
Trees
Ground Elevation — Datum Line 73.9
Grade Elevation — Datum Line 76.16

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., C.M.G. C.O. Checker I.L.J.

Correct:

Date 4-27-72 H. G. Tiedler
District Engineer

Recommended for Approval:

Date 5/30/72 C. C. Hennig
Chief Design Engineer

Approved:

Date 5/31/72 S. C. Hicks
State Highway Engineer

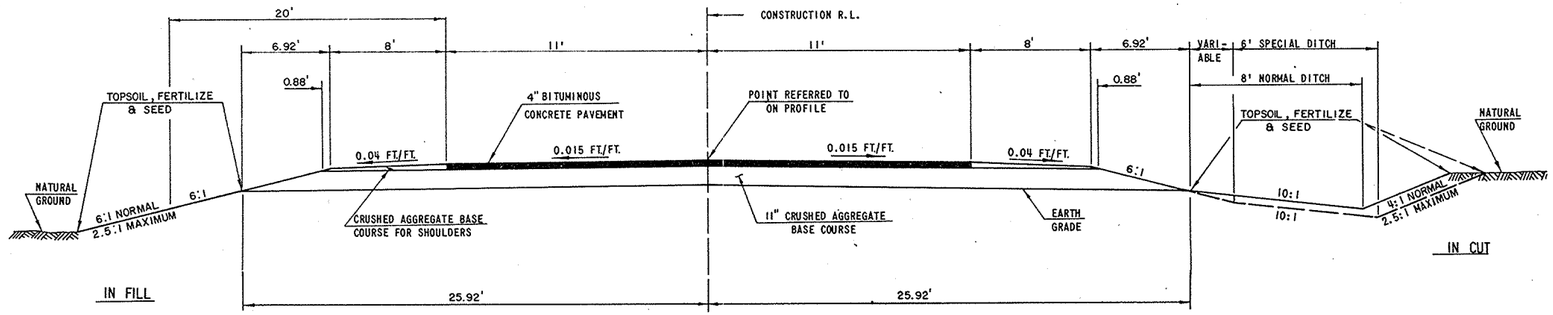
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 4 WISCONSIN DIVISION

Approved:

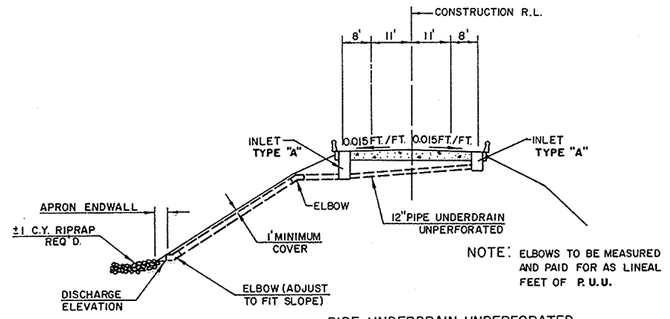
Date _____
Division Engineer

6460-2-71 72 73 S 1260(3)

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

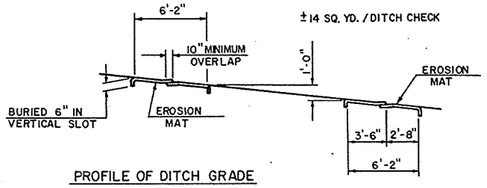


TYPICAL FINISHED SECTION C.T.H. "E"

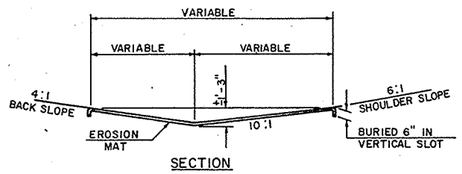


NOTE: ELBOWS TO BE MEASURED AND PAID FOR AS LINEAL FEET OF P.U.U.

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

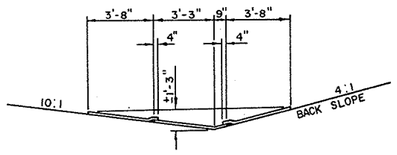


PROFILE OF DITCH GRADE

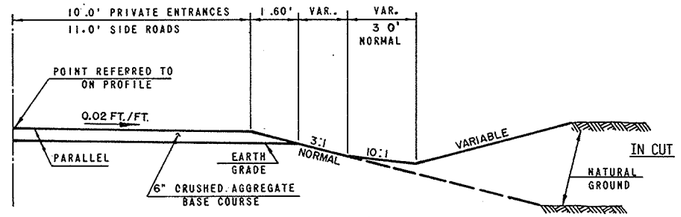


SECTION

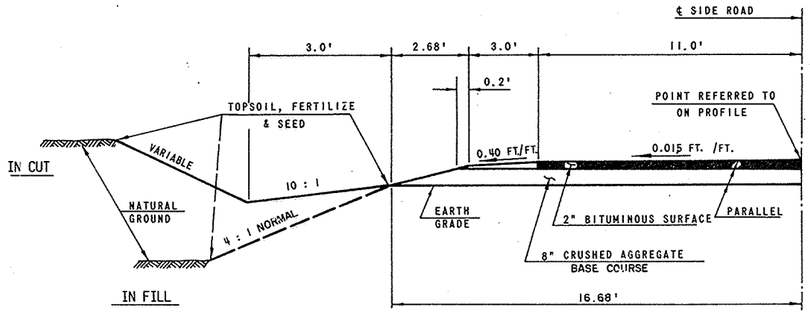
DETAILS OF EROSION MAT DITCH CHECKS



EROSION MAT DITCH PROTECTION



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



1/2 TYPICAL SECTION BITUMINOUS SURFACE FOR SIDE ROADS

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

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

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"		
	ITEM NO.		20101	20102	20104	20105	20503	20801	21301	30404	52003	52005	52007	52009	52061	52063	52065	52067	52136	52138	52139	52140	52142	52143		
	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		

BRIDGES (STRUCTURES OVER 20FT. SPAN)

CONTRACT NO.		REMOVING OLD BRIDGE, STA. 169 + 00	REMOVING OLD BRIDGE, STA. 448 + 18	EXCAVATION FOR STRUCTURES	GRANULAR BACKFILL	CONCRETE SURFACE DRAINS	CONCRETE MASONRY	PRESTRESSED GIRDER, I TYPE, 36 - INCH	PRESTRESSED GIRDER, I 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"						
		20351	20352	20601	20901	40934	50201	50303	50305	50501	50601	50625	90001	90002	90003	60601	60602	61121	61161	90004	61214	64201					
		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					
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	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	61406	61408	61421	62101	62301	62505	62802	62901	63002	64201	64201	90005								
	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.	SHEET NUMBER	TOTAL SHEETS
6460-2-(71. 72. 73)	3A	91
FEDERAL PROJECT DESIGNATION S 1260 (3)		

CLEARING & GRUBBING

CONTRACT	STATION TO STATION	CLEARING STATION	CLEARING IN. DIA.	GRUBBING STATION	GRUBBING 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	TON SIDE ROADS	TON 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 IPIE 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
COUNTY LINE
TOWNSHIP AND RANGE LINES
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW CENTERLINE
NEW R/W LINE
OLD R/W LINE
PROPERTY LINE — P.L. +00.0
CORPORATE LIMITS — (NAME)
SLOPE INTERCEPTS — slope intercept
LOT, TIE AND OTHER MINOR DASHED LINES
UNDERGROUND FACILITY (POWER, TELEPHONE, TELEGRAPH, GAS, ETC.) — (Name or Type)
NO ACCESS
*LIMITED HIGHWAY EASEMENT
*(Shading omitted on Aerial Halftones)

*HIGHWAY HIGHWAY SEPARATION
HIGHWAY OVERPASS
*RAIL LINE OVERPASS
ALL OTHER BRIDGES
STREAM OR RIVER — (name)
LAKE — (name)
CATTLE PASS
℄RELOCATED STREAM OR RIVER
*TRAVELED WAY (Shown only in area of Frontage Roads, Interchanges or Dual Lanes)

CEMETERY — Cem.
FOUNDATION — Fdn.
GAS PUMP ISLAND — Gas Pump
BUILDING — type
IRON PIN — I.P.
POWER POLE
TELEPHONE POLE
RAIL LINE
TRANSMISSION TOWER AND LINE
UNDERGROUND CABLE MARKER
WELL
STONE MONUMENT
SEPTIC TANK
WINDMILL

STANDARD ABBREVIATIONS

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

REVISION DATE		PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	N.C.	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 5.1260(3) 4-91

SCHEDULE OF LANDS AND INTERESTS REQUIRED

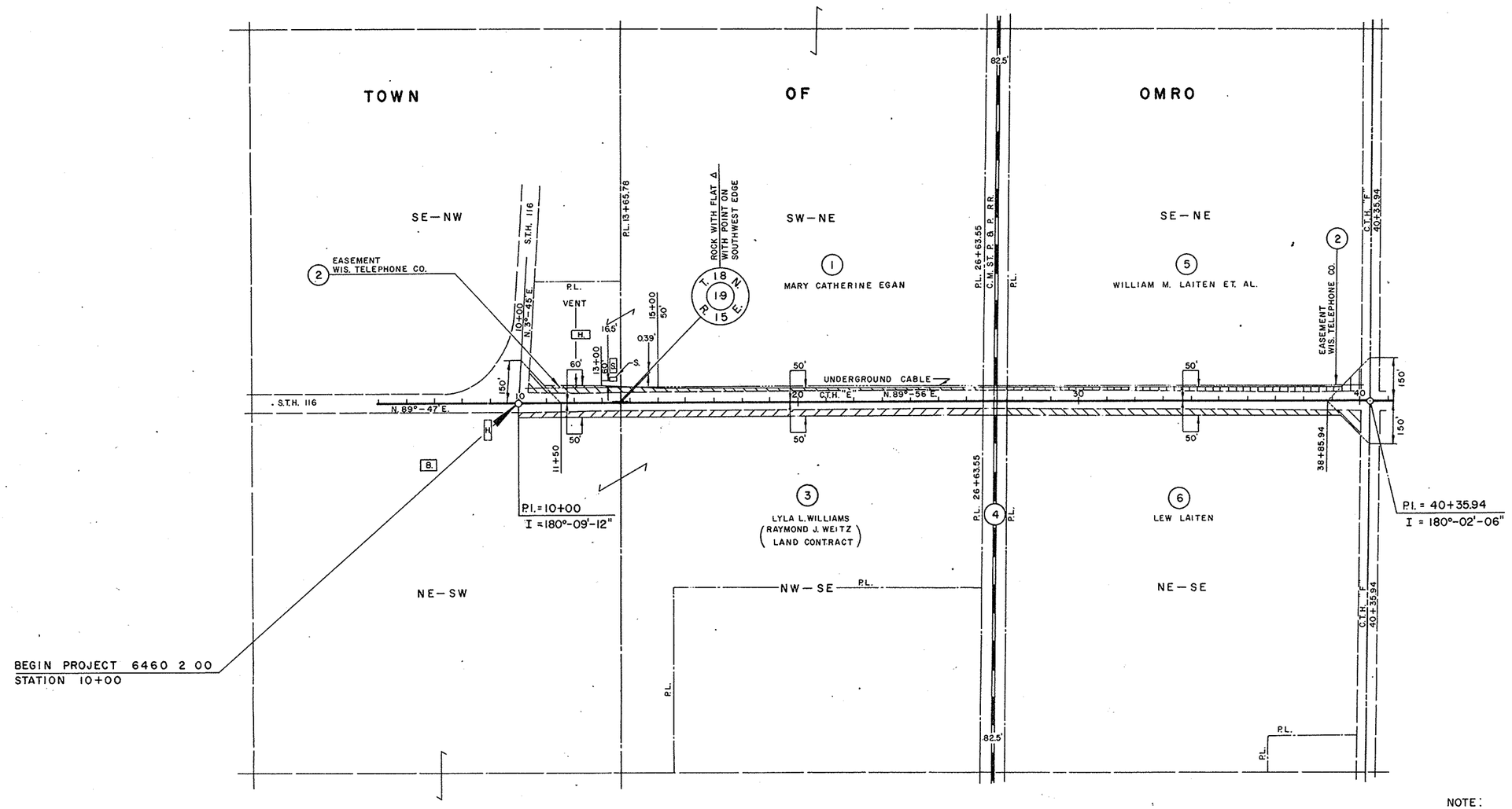
PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	ACRES
1	4.2	MARY CATHERINE EGAN	HIGHWAY EASEMENT	0.57
2	4.2,4,4,4.8,4.9	WIS. TELEPHONE COMPANY	RELEASE OF RIGHTS	—
3	4.2	LYLA L. WILLIAMS	HIGHWAY EASEMENT	0.85
4	4.2	C.M.ST.P.& P.RR.	AGREEMENT	—
5	4.2	WILLIAM M. LAITEN ET. AL.	HIGHWAY EASEMENT	0.47
6	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.	Q.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
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. SCHETTLE	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	—

NOTE : FOR REVISED R/W PLAT SEE R/W DEPT.
FOR EXACT LENGTH & LOCATION OF
PIPES SEE FIELD BOOK" 12186

REVISION DATE		PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	N.C.	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 5126O(3) 4.1-91



N

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

4

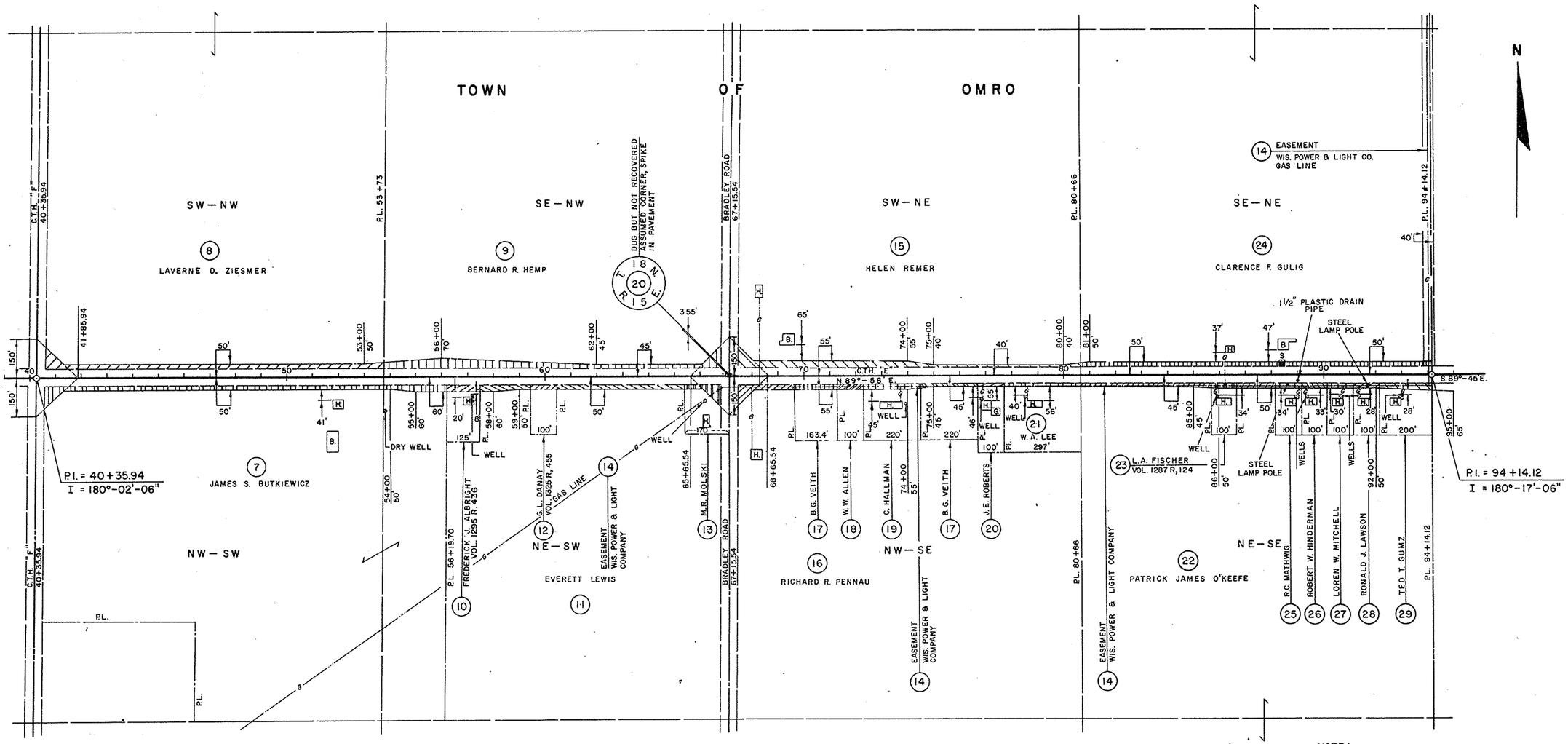
REVISION DATE		PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	N.C.	6460 2 00		
		FEDERAL PROJECT DESIGNATION	4.3	

PLAT OF RIGHT OF WAY REQUIRED
C.T.H. "E" WINNEBAGO COUNTY

SCALE 0 400 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.

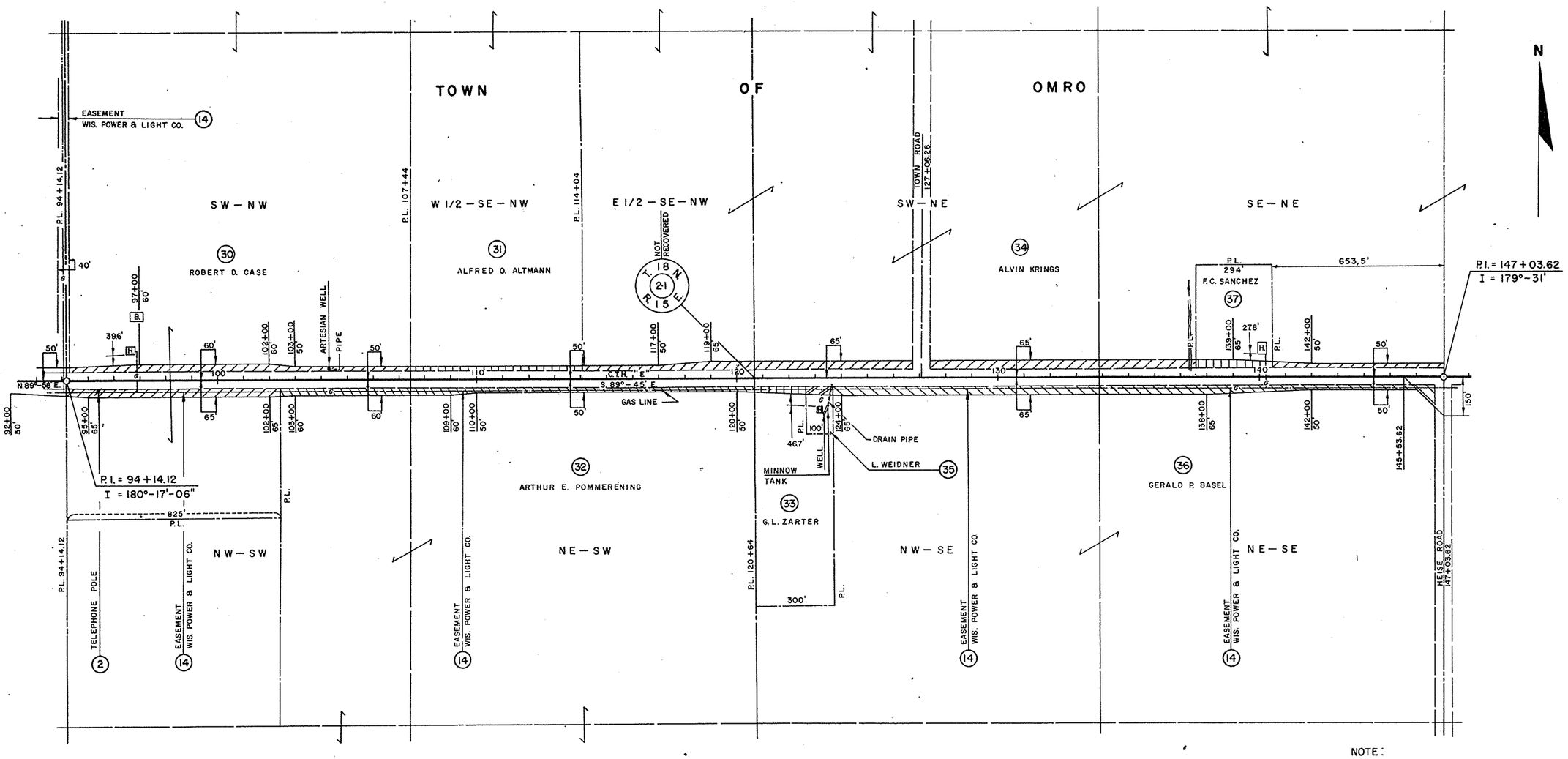
REVISION DATE		PROJECT I.D. 6460 2 00	SHEET NUMBER	TOTAL SHEETS
4-28-72	N.C.	FEDERAL PROJECT DESIGNATION	4.4	

PLAT OF RIGHT OF WAY REQUIRED
C.T.H. "E" WINNEBAGO COUNTY

SCALE 0 400 Ft.

DATE 3-28-72

CONST. PROJECT 6460-2-73 S 1260(3) 4.3-91



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

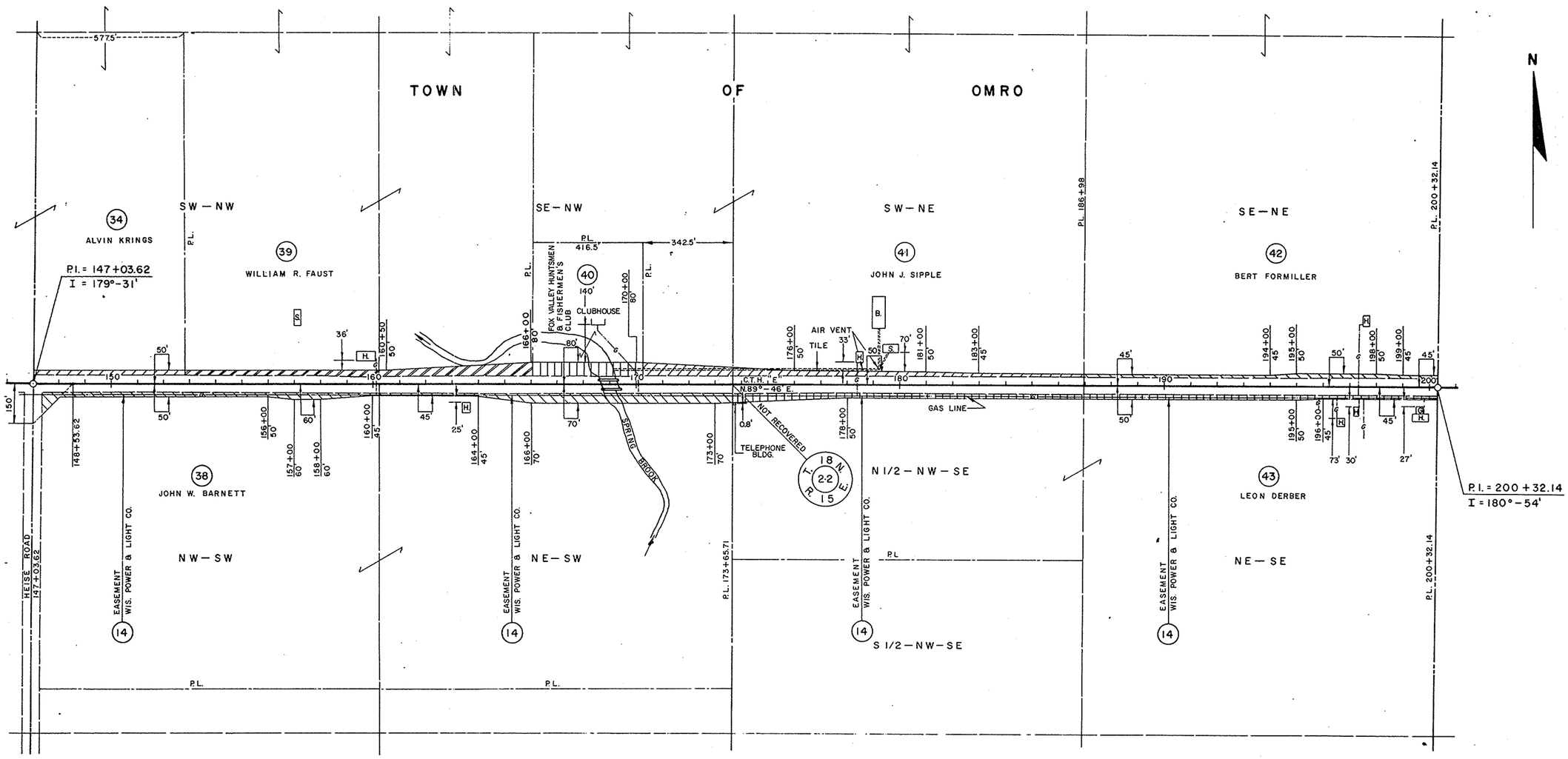
REVISION DATE		PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
4-28-72	N.C.	6460 2 00		
		FEDERAL PROJECT DESIGNATION	4.5	

PLAT OF RIGHT OF WAY REQUIRED
C.T.H. "E" WINNEBAGO COUNTY

SCALE 0 400 Ft.

DATE 3-28-72

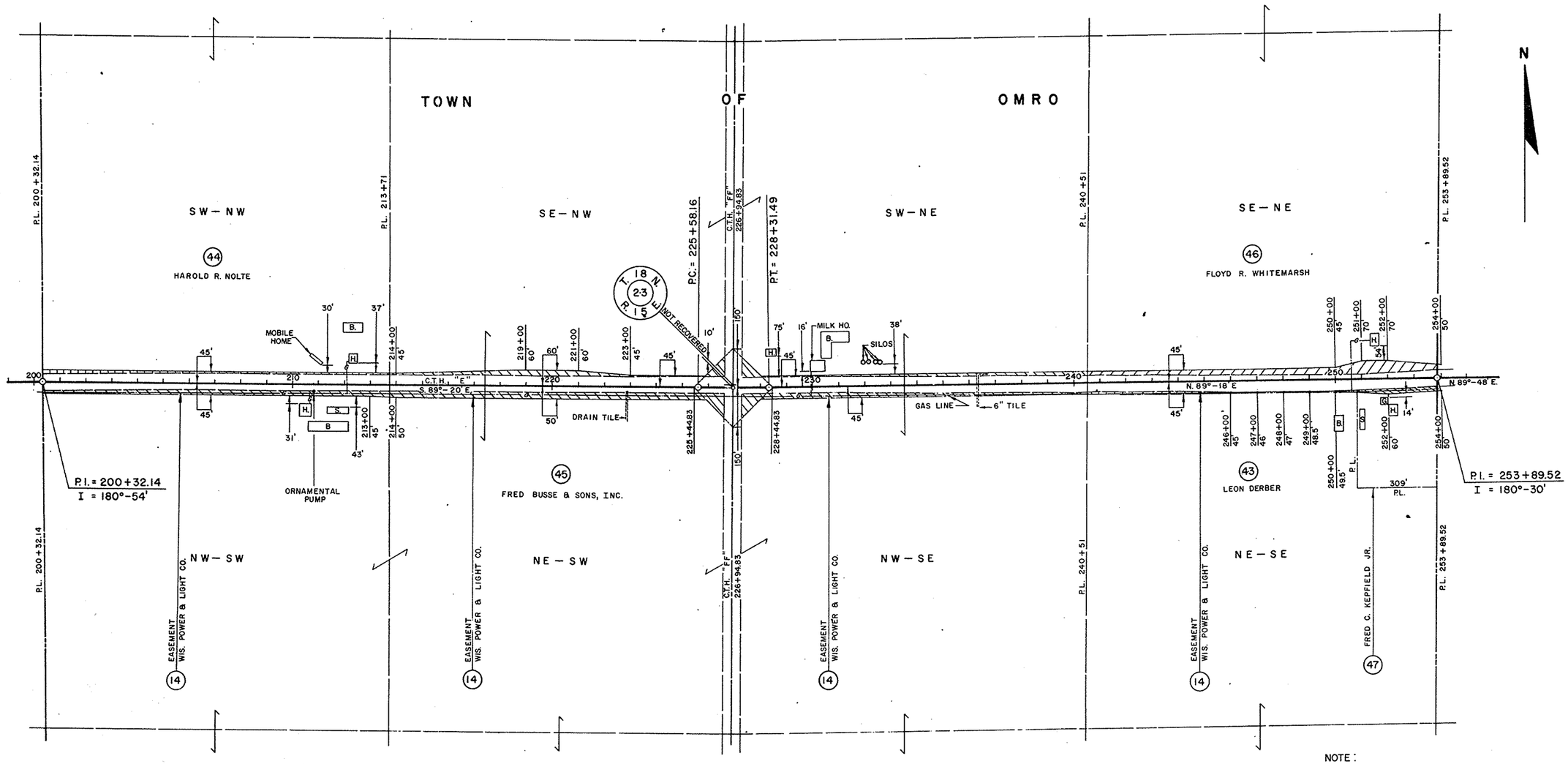
CONST. PROJECT 6460-2-73 5126O(3) 4.4-91



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		
		FEDERAL PROJECT DESIGNATION	4.6	
		PLAT OF RIGHT OF WAY REQUIRED C.T.H. "E" WINNEBAGO COUNTY SCALE 0 400 Ft. DATE 3-28-72		
CONST. PROJECT		6260-2-73 5126O(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

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

BENCH MARKS

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

22"x13"x50' C.M.P.A. REQUIRED

38'x18" C.M.C.P. REQUIRED

N

STA. 10 + 00 S.T.H. 116 LEFT
DESIGN TYPE "C" INTERSECTION REQUIRED

JAKE GRUSZYNSKE

MARY EGAN

CEMETARY

S.T.H. 116 (BLACKTOP)

GRAVE LINE

CULTIVATED

P.O.T. STA 5+00

P.I. = STA.10+00
∠=180°-09'-12"

EXISTING R/W

APPLE ORCHARD

WISCONSIN TELEPHONE CO. UNDERGROUND CABLE & MARKER & CABLE CONTAINER

VENT

STUMP

P.O.T. STA. 13 + 65.78

12" X 15' BOILER PIPE (REMOVE)

(APPROXIMATE LOCATION) WISCONSIN TELEPHONE CO. UNDERGROUND CABLE

WISCONSIN TELEPHONE CO. UNDERGROUND CABLE MARKER

N.89°-47'E.

C.T.H. "E" (BLACKTOP)

N.89°-56'E.

CLUMP OF 2"-4" TREES

TWIN CEDAR

18" X C.M.C.P. (REMOVE)

STA.10+00 C.T.H. "E" = STA.50+00 S.T.H. 116

12" X 14' BOILER PIPE (REMOVE)

ADVANCE RAILROAD WARNING SIGN

P.O.T. STA. 26+63.55

RAYMOND WEITZ

BEGINNING OF PROJECT S 1260(3) / 6460-2- 72,73
STA. 10+00

UNCL. EXC. = 1,259 CU. YD.
FILL = 948 CU. YD.

UNCL. EXC. = 3,93 CU. YD.
FILL = 2,95 CU. YD.

-0.93%

P.C. +00 824.76

P.I. +00 822.90

400' V.C.

P.T. +00 817.43

FINISHED GRADE

PRESENT PROFILE

2.74%

P.C. +00 803.75

600 V.C.

P.I. +00 795.55

P.I. +00 794.41

DC. LT. 0.3%

825.69 824.76 823.60 822.00 819.94 817.43 814.69 811.96 809.22 806.49 803.75 801.22 799.07 797.32 795.95 794.99 794.41 794.03

5 6 7 8 9 10 1 2 3 4 15 6 7 8 9 20 1 2 3 4 25 6 7

5

7

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

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 28" BOX ELDER	45' RT.	778.11

N

STA. 40 + 36 SIDE ROAD - 40' LEFT
1 - 36"X22"X54' C.M.P.A. REQUIRED
INL. = 784.60 OTS. = 784.40
2 - APRON ENDWALLS REQUIRED

STA. 53 + 80 F.E. LEFT
1 - 18"X32' CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED

MARY EGAN
CULTIVATED
WILLIAM LAITEN
CULTIVATED
CULTIVATED
LAVERNE ZIESMER
CULTIVATED
BERNARD HEMP
CULTIVATED

EXCEPTION TO NET ℄ LENGTH STA. 26+98.6 - 27+11.31

25 30 35 40 45 50 55

WISCONSIN TELEPHONE CO. UNDERGROUND CABLE MARKER
WISCONSIN TELEPHONE CO. UNDERGROUND CABLE MARKER & CABLE CONTAINER
ADVANCE RAILROAD WARNING SIGN
WISCONSIN TELEPHONE CO. UNDERGROUND CABLE
C.T.H. "E" (BLACKTOP)
N. 89° - 56' E.
P.I. = STA. 40+35.94
∠ = 180°-02'-06"
90°-42'-06"
C.T.H. "F" (BLACKTOP)
150'
+85.94
24" x 38' C.M.C.P. (REMOVE)
WIS. TELEPHONE CO.
C.T.H. "F" (BLACKTOP)
2°0'-56'-00"
P.O.T. STA. 51+35.81
24"X20' C.M.C.P. (REMOVE)
+00
+60
70'
F.E.
28'x18"C.M.C.P. PURCHASED FROM COUNTY
SHRUB
P.E.
H.
12" X 16' C.M.C.P. (REMOVE)
DRY WELL VENT
60'
B.
P.O.T. STA. 26+63.55
C.M. ST. P. & P. R.R.
P.L.

RAYMOND WEITZ
CULTIVATED
LEW LAITEN
CULTIVATED
CULTIVATED
JAMES BUTKIEWICZ
CULTIVATED
FREDERICK ALBRIGHT

STA. 40 + 35.94 CROSS ROAD LEFT & RIGHT
DESIGN TYPE "C" INTERSECTION REQUIRED

EXISTING BOX CULVERT
4'x4'x 22.5' REMOVED

UNCL. EXC. = 5,315 CU. YD.
FILL = 3,989 CU. YD.

PROFILES ON C.T.H. "F" ROAD @ STA. 40 + 35.94
NORTH
STA. 40 + 35.94 C.T.H. "E"
STA. 0 + 00 C.T.H. "F" ROAD
+1.5%
+0.5%
-0.37%
+1.36%
FINISHED GRADE
PRESENT PROFILE
788.31
788.42
788.76
788.42
791.16
790
780

PRESENT PROFILE
FINISHED GRADE

P.I. + 00
794.79
-0.6, LT. -0.3%
-0.6, RT. +0.2%
C.L. RT. -0.2%
-0.39%
P.C. +00
790.23
P.I. +00
789.09
600' V.C.
P.I. +00
787.23
-0.6, LT. -0.3%
-0.42%
P.C. +00
778.55
0.6, RT. + 0.2%
0.6, LT. + 0.3%

STA. 26 + 90
1 - 36"X22"X62' C.M.P.A. REQUIRED
INL. = 789.80 OTS. = 789.60
2 - APRON ENDWALLS REQUIRED
REMOVE 30"X36" R.C.C.P.

STA. 27 + 26
1 - 36"X22"X62' C.M.P.A. REQUIRED
INL. = 788.80 OTS. = 788.60
2 - APRON ENDWALLS REQUIRED
REMOVE 30"X36" R.C.C.P.

STA. 40 + 00
1 - 29"X18"X76' C.M.P.A. REQUIRED
INL. = 784.90 OTS. = 784.70
2 - APRON ENDWALLS REQUIRED

STA. 55 + 75
1 - 65"X40"X74' C.M.P.A. REQUIRED
INL. = 772.70 OTS. = 772.50
2 - APRON ENDWALLS REQUIRED
REMOVE 48"X36' C.M.P.A.

	25	6	7	8	9	30	1	2	3	4	35	6	7	8	9	40	1	2	3	4	45	6	7	8	9	50	1	2	3	4	55	6	7
	794.99	794.41	794.03	793.65	793.27	792.89	792.51	792.13	791.75	791.37	790.99	790.61	790.23	789.83	789.39	788.91	788.39	787.83	787.23	786.61	785.99	785.37	784.75	784.13	783.51	782.89	782.27	781.65	781.03	780.41	779.79	779.17	778.55

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

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

N

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

BERNARD HEMP — HELEN REMER — CLARENCE GULIG

CULTIVATED

55 60 65 70 75 80 85

P.O.T. STA.67+15.54 — P.O.T. STA.72+38.57

12"X C.M.C.P. (REMOVE) — 15"X16' C.M.C.P. (REMOVE)

CTH "E" (BLACKTOP) — BRADLEY ROAD (BLACKTOP)

90° 23' 06" — 90° 23' 06" — N.89°-58'E.

WISCONSIN POWER & LIGHT CO. GAS MAIN (APPROX. LOCATION)

HIGH PRESSURE GAS LINE MARKER — WELL — 15"X26' C.M.C.P. (REMOVE) — 12"X28' C.M.C.P. (REMOVE) — GAS VALVE — 18"X20' C.M.C.P. (REMOVE) — ROW OF 1" SPRUCE — TRIPLE 1" BIRCH — ROW OF SHRUBS — HIGH PRESSURE GAS LINE MARKER — 15"X26' C.M.C.P. (REMOVE)

FREDERICK ALBRIGHT — EVERETT LEWIS — RICHARD PENNAV — BEULAH VEITH — WRIGHT ALLEN — CHARLES HALLMAN — BEULAH VEITH — JAMES ROBERTS — WILLIAM LEE — PATRICK O'KEEFE — LINDA FISHER

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

UNCL. EXC. = 255 CU. YD.
FILL = 1,856 CU. YD.
BORROW = 2,219 CU. YD.

UNCL. EXC. = 6,051 CU. YD.
FILL = 4,541 CU. YD.

PROFILES ON TOWN ROAD @ STA.67 + 16

STA.67 + 16 C.L. IN. "E"
STA.0 + 00 TOWN ROAD

NORTH — FINISHED GRADE — PRESENT PROFILE — -1.50% — +2.86% — +0.26%

780.34 — 780.05 — 780.15 — 780.75 — 780.96

200' — 100' — 20' — 20' — 100' — 200'

790 — 780 — 770 — 760

700' V.C. — P.C.+00 778.55 — P.I.+00 778.64 — P.I.+50 776.38 — +0.62% — O.G. RT. +0.26 — O.G. LT. +0.6%

P.C.+00 782.35 — +0.70%

P.I.+50 784.10 — FINISHED GRADE — PRESENT PROFILE — -1.71% — 500' V.C. — P.I.+00 779.81

P.C.+50 775.53 — P.I.+50 770.49 — -0.30% — 500' V.C. — P.I.+00 771.24

STA 83 + 02
1 - 24"X68' CULVERT PIPE CLASS III REQUIRED
INL. = 765.10 DIS. = 764.90
2 - APRON ENDWALLS REQUIRED
REMOVE 18"X34' C.M.C.P.

55	6	7	8	9	60	1	2	3	4	65	6	7	8	9	70	1	2	3	4	75	6	7	8	9	80	1	2	3	4	85	6	7
779.79	779.17	778.55	778.02	777.69	777.54	777.58	777.81	778.23	778.84	779.54	780.24	780.94	781.64	782.35	782.81	782.78	782.27	781.28	779.81	778.10	776.38	774.71	773.27	772.12	771.26	770.68	770.34	770.04	769.74	769.44	769.14	768.84

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

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

STA. ~~97+05~~ 96+00 P.E. LEFT
1 - 18"X~~36'~~ 30' CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED

CLARENCE GULIG — ROBERT CASE — A.O. ALTMAN — ALVIN KRINGS

CULTIVATED

P.I. = STA. 94+14.12
Δ = 180°-17'-06"

85 90 95 100 105 110 115

HIGH PRESSURE GAS LINE MARKER — 15"X20' C.M.C.P. (REMOVE) — 18"X20' C.M.C.P. (REMOVE) — ARTISIAN WELL — P.O.T. STA. 114+03.75

P.C.T.H. "F" (BLACKTOP) — N89°-58'-E — S 89°-45'-E

WISCONSIN POWER & LIGHT GAS MAIN (APPROX. LOCATION)

DRAIN PIPE — STEEL LAMP — STEEL POST — WELL — GAS VALVES — HIGH PRESSURE GAS LINE MARKER

15"X26' C.M.C.P. (REMOVE) — 18"X26' C.M.C.P. (REMOVE) — 18"X20' C.M.C.P. (REMOVE)

LINDA FISHER — PATRICK O'KEEFE — ROGER MATHWIG — ROBERT HINDERMAN — LOREN MITCHELL — RONALD LAWSON — TED GUMZ — PATRICK O'KEEFE — ROBERT CASE — ARTHUR POMMERENING

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

UNCL. EXC. = 720 CU. YD.
FILL = 6,022 CU. YD.
BORROW = 7,310 CU. YD.

UNCL. EXC. = 1,566 CU. YD.
FILL = 1,176 CU. YD.

FINISHED GRADE
PRESENT PROFILE

-0.30% — D.G. RT. -1.0% — D.G. LT. -0.3% — D.G. RT. -0.3%

-0.02%

-0.04%

P.I. 1+00 763.04

-0.20% — D.G. RT. -0.2% — D.G. LT. -0.3% — D.G. RT. -0.2% — D.G. LT. -0.3%

STA. 102+12
C.C.O. #2
1-9' SPAN 65' S.R.P.A.
10 C.Y. RIP RAP

STA. 102 + 12
5' X 8' X 34' CONCRETE BOX CULVERT IN PLACE TO ~~REMAIN~~ (REMOVE)

780 / 770 / 760 / 750

769.44 769.14 768.84 768.54 768.24 767.94 767.64 767.34 767.04 766.74 766.44 766.24 765.04 765.84 765.54 765.24 764.94 764.64 764.34 764.04 763.84 763.54 763.44 763.04 762.84 762.64 762.44 762.24 762.05 761.85 761.65 761.45 761.25 761.05

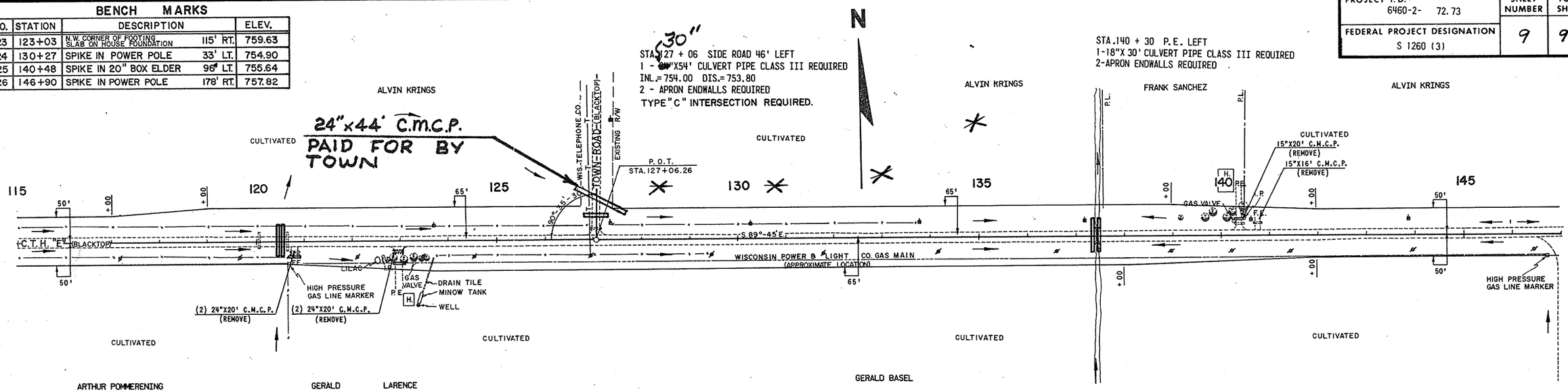
85 6 7 8 9 90 1 2 3 4 95 6 7 8 9 100 1 2 3 4 105 6 7 8 9 110 1 2 3 4 115 6 7

10

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

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

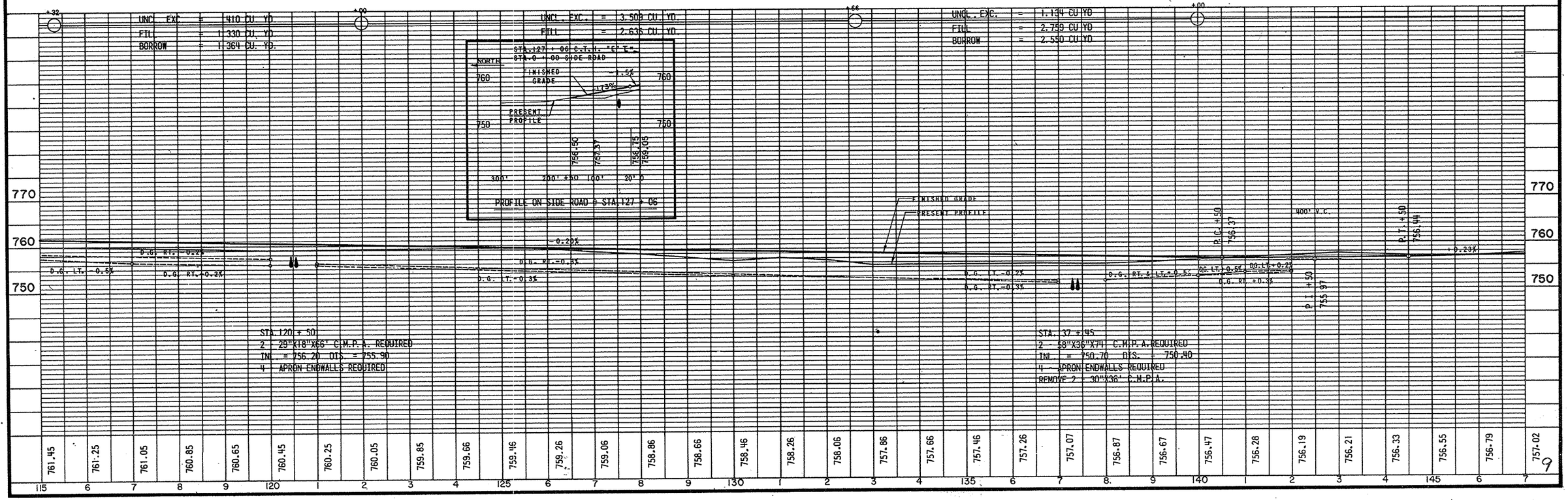


STA.120 + 80 P.E. RIGHT
1 - 43"X27"X32' C.M.P.A. REQUIRED
2 - APRON ENDWALLS REQUIRED

STA.~~122 - 95~~ 123+50 P.E. RIGHT
1 - 36"X32' CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED

~~24"~~ 30"
STA.127 + 06 SIDE ROAD 46' LEFT
1 - ~~24"~~ 30"X54' CULVERT PIPE CLASS III REQUIRED
INL.= 754.00 DIS.= 753.80
2 - APRON ENDWALLS REQUIRED
TYPE "C" INTERSECTION REQUIRED.

STA.140 + 30 P.E. LEFT
1-18"X 30' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED



STA. 120 + 50
2 - 29"X18"X66' C.M.P.A. REQUIRED
INL. = 756.20 DIS. = 755.90
4 - APRON ENDWALLS REQUIRED

STA. 37 + 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.

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

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

ALVIN KRINGS

TYPE "C" INTERSECTION

CULTIVATED

P.I. = STA. 147+03.62
∠ = 179°-31'-00"

12"X20' C.M.C.P. (REMOVE)

CTH "E" 150' (BLACKTOP)

WISCONSIN POWER & LIGHT CO. GAS MAIN (APPROXIMATE LOCATION)

HIGH PRESSURE GAS LINE MARKER

HIGH PRESSURE GAS LINE MARKER

HEISE ROAD (BLACKTOP)

GERALD BASEL

STA. 147 + 04 SIDE ROAD 50' RIGHT
1 - 18"X46' CULVERT PIPE CLASS III REQUIRED
INL. = 754.00 DIS. = 753.50
2 - APRON ENDWALLS REQUIRED
TYPE "C" INTERSECTION REQUIRED.

CULTIVATED

12"X15' C.M.C.P. (REMOVE)

CULTIVATED

P.O.T. STA. 158+35.85

15"X20' C.M.C.P. (REMOVE)

LILAC SHRUB SHRUBS TREES

N 89°-46E

15"X15' C.M.C.P. (REMOVE)

JOHN BARNETT

N

STA. 168 + 46 19.5' LEFT
TYPE I-A INLET REQUIRED (LEFT GRATE)
INL. = 759.36 DIS. = 759.26 DEPTH = 2.0'
1-12"X 34' C.M.P.
UNDERDRAIN UNPERFORATED REQUIRED LEFT
INL. = 759.26 DIS. = 753.0
-APRON ENDWALL REQUIRED

CONCRETE SURFACE DRAIN REQ'D.

15"X20' C.M.C.P. (REMOVE)

SHRUB

CULTIVATED

STA. 168 + 60 19.5' RIGHT
TYPE I-A INLET REQUIRED (RIGHT GRATE)
DIS. = 759.80 DEPTH = 1.5'
1-12"X 38' C.M.P. UNDERDRAIN UNPERFORATED REQUIRED ℄
INL. = 759.80 DIS. = 759.36

FOX VALLEY HUNTSMAN AND FISHERMANS CLUB SKEET RANGE CLUB HOUSE

JOHN SIPPLE

Spring Creek

CONCRETE SURFACE DRAIN REQ'D.

CLEAN OUT CHANNEL @ STRUCTURE

HIGH PRESSURE GAS LINE MARKER

21"X40' C.M.C.P. (REMOVE)

CULTIVATED

40' JOHN SIPPLE
STA. 170 + ~~00~~ P.E. LEFT
1 - 24"X~~32'~~ CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED
40'

P.O.T. STA. 173+65.71

18"X20' C.M.C.P. (REMOVE)

DRAIN TILE

HIGH PRESSURE GAS LINE MARKER

18"X20' C.M.C.P. (REMOVE)

TELEPHONE BUILDING

HIGH PRESSURE GAS LINE MARKER

21"X20' C.M.C.P. (REMOVE)

CULTIVATED

LEON DERBER

STA. 173 + 85 P.E. RIGHT
1 - 24"X32' CULVERT PIPE CLASS III REQUIRED
2 - APRON ENDWALLS REQUIRED

UNCL. EXC. = 7,742 CU. YD.
FILL = 5,818 CU. YD.

UNCL. EXC. = 353 CU. YD.
FILL = 10,902 CU. YD.
BORROW = 14,178 CU. YD.

PROFILE ON SIDE ROAD ℄ STA. 147 + 03.62

STA. 147 + 03.62 C.T.H. "E"
PRESENT PROFILE
FINISHED GRADE
NORTH
-1.5%
-1.72%
757.03
756.73
758.11
0+20 100 200 300

FINISHED GRADE
PRESENT PROFILE
-0.20%
P.C. +50 759.70
P.I. +00 760.06
300' V.C.
P.T. +50 760.5
+0.30%
P.I. +00 763.96
0.15%
D.C. LT. +0.3%
D.C. RT. +0.2%
HIGH WATER ELEV. = 756.0 ±
P.I. +00 762.91
300' V.C.
P.I. +00 763.19

STA. 147 + 33
1 - 29"X18"X72" C.M.P.A. REQUIRED
INL. = 753.00 DIS. = 752.80
2 - APRON ENDWALLS REQUIRED
REMOVE 1 - 15"X36' C.M.C.P.

STA. 160 + 77
1 - 24"X68' CULVERT PIPE CLASS III REQUIRED
INL. = 755.50 DIS. = 755.00
2 - APRON ENDWALLS REQUIRED
REMOVE 15"X90' C.M.C.P.

STA. 166 + 50
1 - 30"X108' CULVERT PIPE CLASS III REQUIRED
INL. = 755.00 DIS. = 754.00
2 - ENDWALLS REQUIRED
REMOVE 2 - 21"X32' & 1 - 18"X92' C.M.C.P.

STA. 169 + 00 B=70 63°
SINGLE SPAN - 36" PRESTRESSED CONCRETE GIRDER BRIDGE REQUIRED
SKEW 20° R.H.F. 38' CLEAR ROADWAY WIDTH
SEE DRAWINGS X47281 - X47287

	145	6	7	8	9	150	1	2	3	4	155	6	7	8	9	160	1	2	3	4	165	6	7	8	9	170	1	2	3	4	175	6	7
	756.55		756.79		757.02		757.26		757.49		757.72		757.96		758.19		758.42		758.66		758.89		759.12		759.36		759.59		759.83		760.08		760.36	
	760.66		760.96		761.26		761.56		761.86		762.16		762.46		762.76		763.04		763.19		763.19		763.06		762.91		762.76		762.61		762.46	

770 / 760 / 750

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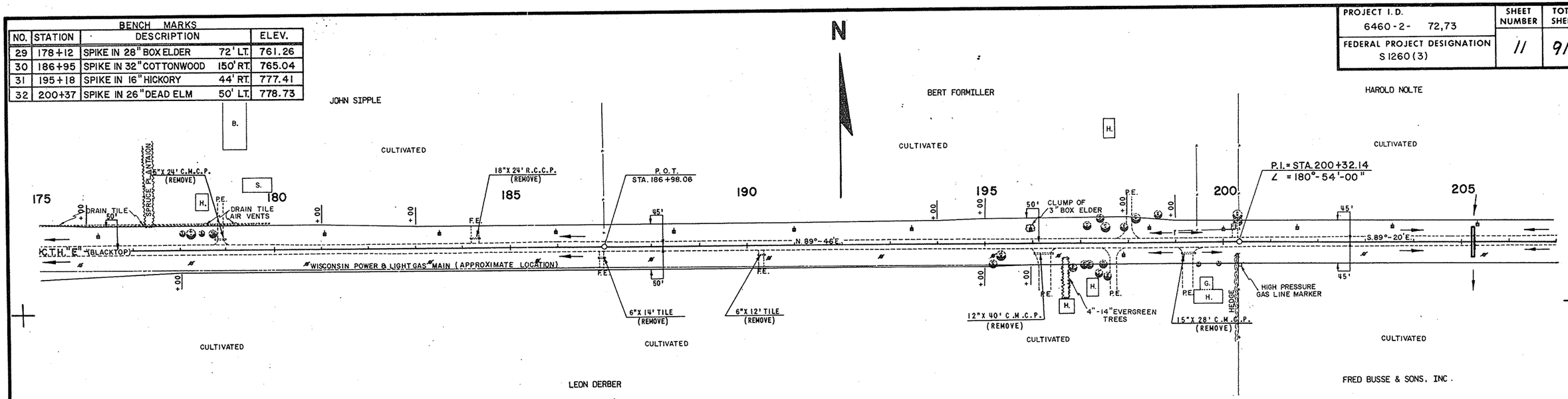
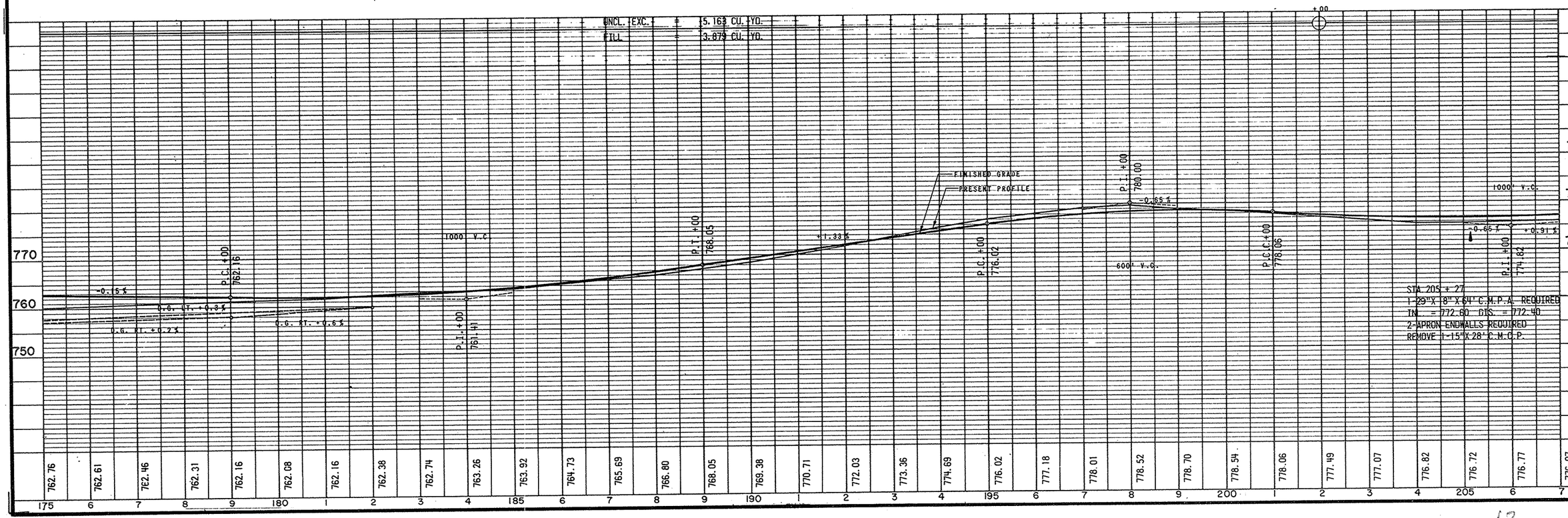
PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
6460-2- 72,73	11	91
FEDERAL PROJECT DESIGNATION S 1260(3)		

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



UNCL. EXC. = 5,163 CU. YD.
FILL = 3,879 CU. YD.



STA 205 + 27
1-29"X 18"X 64' C.M.P.A. REQUIRED
IN. = 772.60 OUT. = 772.40
2-APRON ENDWALLS REQUIRED
REMOVE 1-15"X 28" C.M.C.P.

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

BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
33	210+35	SPIKE IN 12" BALSM	75' LT.	776.27
34	221+34	SPIKE IN POWER POLE	38' LT.	789.33
35	229+18	SPIKE IN 16" SPRUCE	86' LT.	796.13

CURVE NOTES

P.I. = 226 + 94.83
∠ = 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.

HAROLD NOLTE
FRED BUSSE & SONS, INC.
FRED BUSSE & SONS, INC.
FRED BUSSE & SONS, INC.
FRED BUSSE & SONS, INC.

CULTIVATED
2 ROWS OF 10" SPRUCE
MOBILE HOME
B.
P.E.
H.
SHRUB
LILAC
P.L.
P.O.T. STA. 213+70.70
18"X 20' C.M.C.P. (REMOVE)
18"X 20' C.M.C.P. (REMOVE)
205
210
215
220
225
230
235
45'
60'
50'
+00
F.E.
S.89°-20 E.
C.T.H. "FF" (BLACKTOP)
WISCONSIN POWER & LIGHT CO. GAS MAIN (APPROXIMATE LOCATION)
ROW OF 3"-5" CEDAR TREES
SHRUB
12"X 20' C.M.C.P. (REMOVE)
TWIN HICKORY
HIGH PRESSURE GAS LINE MARKER
DITCH DAM REQUIRED
DITCH DAM REQUIRED
INLET
DRAIN TILE
P.C. = STA. 225+58.16
ROW OF 6" SPRUCE
89°-58'-42"
150'
269°-48'-18"
P.T. = STA. 228+31.49
LILAC
TWIN HICKORY
6" GLAZED TILE
HIGH PRESSURE GAS LINE MARKER
WIS. TELEPHONE CO.
MILKING PARLOR
PLANK FENCE
SILOS
12"X 15' C.M.C.P. (REMOVE)
N.89°-18' E.
DRAIN TILE
CULTIVATED
CULTIVATED
CULTIVATED
CULTIVATED
CULTIVATED

UNCL. EXC. = 2,647 CU. YD.
FILL = 1,842 CU. YD.

UNCL. EXC. = 2,317 CU. YD.
FILL = 1,735 CU. YD.

PROFILES ON C.T.H. "FF" @ STA. 226 + 95

P.G. -0.00 793.90
-1.5% 80' V.C.
P.I. 1+80 793.68
+1.5% 793.58
P.I. 2+50 793.90
793.37
793.88
793.58
793.93
STA. 226 + 95 C.T.H. "FF" = STA. 10 + 00 C.T.H. "FF"
FINISHED GRADE
-4.57 %
PRESENT PROFILE -1.34 %
NORTH
795
785
6+00 7+00 8+00 9+00 10+00 11+00
CONSTRUCTION LIMITS STA. 235 +00

790
780
770
800
790
780
,000 V.C.
P.I. +00 774.62
P.I. +00 779.37
DTG. LT. +1.3%
+0.91 %
PRESENT PROFILE FINISHED GRADE
P.C. +50 794.38
P.I. +50 796.20
400 V.C.
P.I. +50 796.00
0.10%
D.G. LT. -0.4 %

STA. 222 + 81
1-24"X 64' CULVERT PIPE CLASS III REQUIRED
INL. = 784.20 DIS. = 784.00
2-APRON ENDWALLS REQUIRED
REMOVE 1-15"X 32" C.M.C.P.

776.72 776.77 776.97 777.34 777.87 778.54 779.37 780.28 781.19 782.10 783.01 783.92 784.83 785.74 786.65 787.56 788.47 789.38 790.29 791.20 792.11 793.02 793.93 794.81 795.47 795.87 796.02 795.95 795.85 795.75 795.65 795.55 795.45

205 6 7 8 9 210 1 2 3 4 215 6 7 8 9 220 1 2 3 4 225 6 7 8 9 230 1 2 3 4 235 6 7

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

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

STA. 424 + 71 SIDE ROAD 40' LEFT
1-24"X 36' CULVERT PIPE CLASS III REQUIRED
INL. = 776.4 DIS. = 776.1
2-APRON ENDWALLS REQUIRED
REMOVE 18"X 44' C.M.C.P.
TYPE "C" INTERSECTION REQUIRED

STA. 425 + 67 P.E. LEFT
1-24"X 36' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED
REMOVE 18"X 20' C.M.C.P.

STA. 426 + 85 P.E. LEFT
1-24"X 36' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS RROUIRED
REMOVE 18"X 18' C.M.C.P.

STA. 430 + 15 P.E. LEFT
1-24"X 30' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED
REMOVE 15"X 24' C.M.C.P.

STA. 422 + 20 P.E. LEFT
1-24"X 36' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED
REMOVE 18"X 20' C.M.C.P.

FRANZ BOSCHWITZ · NICHOLOUS BEHLING · EARL BEHLING · CLIFFORD SHEW · WARREN MOON · JAMES GEFFERS · ROBERT SCHULZ

CULTIVATED · WOODS · B. · H. · P.E. · P.L. · I.P. · G. · 60' · 55' · 50' · 415 · 420 · 425 · 430 · 435 · 440 · 445

MARYDEN ROAD (BLACKTOP) · C.T.H. "E" (BLACKTOP)

P.O.T. STA. 427+03.47

HIGH PRESSURE GAS LINE MARKER

WISCONSIN POWER & LIGHT CO. GAS MAIN

P.I. = STA. 440+70.43
∠ = 180°-05'-48"

S 89°-59' E

WISCONSIN PUBL. SERVICE CORP. GAS MAIN

TWIN ASH · LILAC · P.E.S. (BLACKTOP) · P.E. (CONC.) · ROW OF SHRUBS

12"X 20' C.M.C.P. (REMOVE) · 15"X 20' C.M.C.P. (REMOVE) · 15"X 20' C.M.C.P. (REMOVE)

BARTON ROAD (GRAVEL)

CLARE BARTON · CLARE BARTON · WILLIAM SOSNOWSKI · CLYDE THOMA · ROSEMARY ZIEGENHAGEN · ARTHUR SMITH · WILLIAM MANSKE · OTTO WINTER

STA. 427 + 65 P.E. RIGHT
1-24"X 32' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED
REMOVE 15"X 20' C.M.C.P.

STA. 429 + 18 P.E. RIGHT
1-24"X 30' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED
REMOVE 15"X 20' C.M.C.P.

STA. 417 + 89 SIDE ROAD - 50' RIGHT
1-18"X 36' CULVERT PIPE CLASS III REQUIRED
INL. = 782.8 DIS. = 782.5
2-APRON ENDWALLS REQUIRED
REMOVE 15"X 46' C.M.C.P.
TYPE "C" INTERSECTION REQUIRED.

STA. 422 + 60 F.E. RIGHT
1-18"X 30' CULVERT PIPE CLASS III REQUIRED
2-APRON ENDWALLS REQUIRED

CONSTRUCTION LIMITS
STA. 414 + 00

FOR LENGTHS & LOCATION OF PIPE IN THIS AREA (TO BRIDGE) SEE PROJECT S1260(5) BOOK # 12247

UNCL. EXC. = 3,441 CU. YD.
FILL = 0 CU. YD.
HAUL OUT 3,441 CU. YD. TO
STA. 448 + 02 - STA. 449 + 71

UNCL. EXC. = 2,814 CU. YD.
FILL = 2,117 CU. YD.

PROFILE ON BARTON ROAD @ STA. 417 + 89 RIGHT
STA. 417 + 89 C.T.H. "E"
STA. 0 + 00 BARTON ROAD CONSTRUCTION @
FINISHED GRADE · PRESENT PROFILE · ULTIMATE FINISHED GRADE
785.92 · 785.62 · 785.04 · 784.74
D.G. LT. -1.0% · D.G. RT. -1.0% · -0.91%

PROFILE ON MARYDEN ROAD @ STA. 424 + 71 FFT
FINISHED GRADE · PRESENT PROFILE
780.03 · 779.41 · 779.71
P.C. +50 · 778.0 · P.I. +50 · 775.10 · P.T. +50 · 773.86
800' V.C. · 500' V.C.
D.G. LT. -0.6% · D.G. RT. -0.7% · -0.276% · D.G. RT. -0.3% · D.G. LT. -0.4%
P.C. +00 · 771.02 · P.I. +50 · 770.33

789.45 · 788.55 · 787.64 · 786.73 · 785.82 · 784.91 · 784.00 · 783.09 · 782.18 · 781.27 · 780.36 · 779.45 · 778.55 · 777.65 · 776.82 · 776.07 · 775.40 · 774.81 · 774.30 · 773.86 · 773.51 · 773.22 · 772.95 · 772.67 · 772.40 · 772.12 · 771.85 · 771.57 · 771.30 · 771.02 · 770.85 · 770.85 · 771.07

13

15

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
6460-2-71,72,73		
FEDERAL PROJECT DESIGNATION	14	91
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	115 RT. R/W R.L. HENRY LAUTENSCHLAGER	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"X 41' C.M.P. UNDERDRAIN UNPERFORATED REQ'D LT.
INL. = 768.56 DIS. = 760.50
1-APRON ENDWALL REQUIRED

STA. 446 + 00 P.C. LEFT
1-18"X 44' CULVERT PIPE CLASS III REQ'D.
2-APRON ENDWALLS REQUIRED
REMOVE 18"X 18' C.M.C.P.

P.I. = STA. 458+42.37
∠ = 180°-09'-12"

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

ROBERT SCHULZ
CONCRETE SURFACE DRAIN REQUIRED
CLEAN OUT CHANNEL @ STRUCTURE
CULTIVATED
15"X 20' C.M.C.P. (REMOVE)
ROBERT SCHULZ
NEIL ANDERSON
ROBERT VANDERBILT
WERTCH MOTOR COMPANY INC.
CHARLES REEVE
RICHARD NASLUND
18"X 22' C.M.C.P. (REMOVE)
18"X 28' C.M.C.P. (REMOVE)
ROW OF SHRUBS
CONCRETE PIT WELL
DRYWELL VENT
HIGH PRESSURE GAS LINE MARKER
TWIN BIRCH
WISCONSIN POWER & LIGHT CO. GAS MAIN
WISCONSIN PUBLIC SERVICE CORP. GAS MAIN (APPROXIMATE LOCATION)
C.T.H. "E" (BLACKTOP)
S 89°-53 E.
LILAC
12"X 20' C.M.C.P. (REMOVE)
P.O.T. STA. 455+58.08
CONCRETE SURFACE DRAIN REQUIRED
OTTO WINTER

STA. 447 + 73 18.5' RIGHT
TYPE I-A INLET REQUIRED (RIGHT GRATE)
DIS. = 769.06 DEPTH = 1.5'
1-12"X 35' C.M.P. UNDERDRAIN UNPERFORATED REQ'D.
INL. = 769.06 DIS. = 768.56

UNCL. EXC. = 0 C.Y.
FILL = 3,288 C.Y.
BORROW = 940 C.Y.
HAUL IN 3,441 C.Y. FROM STA. 414+00 - 423+81

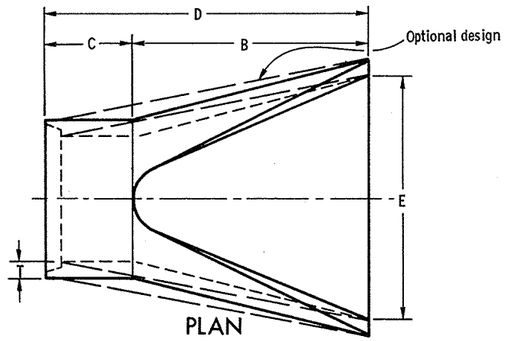
UNCL. EXC. = 3,209 CU. YD.
FILL = 2,408 CU. YD.

ULTIMATE FINISHED GRADE
PRESENT PROFILE
FINISHED GRADE
500' V.C.
400' V.C.
P.I. +50 770.34
P.T. +00 772.08
P.I. +50 777.96
P.C.I. +50 776.58
P.T. +50 775.71
+0.693%
+2.41%
-1.12%
HIGH WATER 763.9 ±
STREAMBED 757.4 ±

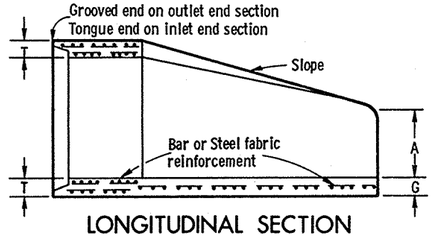
STA. 448 + 18 8-70-64
SINGLE SPAN 60' C.C. BEARING = 38° RDWY.
45" PRESTRESSED CONCRETE BRIDGE REQUIRED
SEE DRAWINGS X47476 - X47482

770.85		771.07		771.49		772.08	772.20	772.27		773.46		774.15		774.85		775.54		776.23	776.58	776.87		777.11	777.06	776.88		776.21	775.71
445	6	7		8+18	9	450	1	2		3		4	+50	455	6	+50	7		8	+50	9							

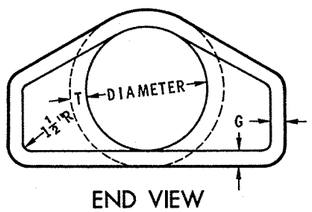
780
770
760



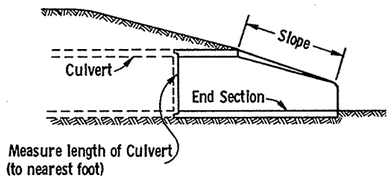
PLAN



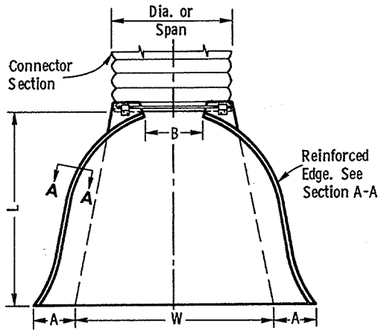
LONGITUDINAL SECTION



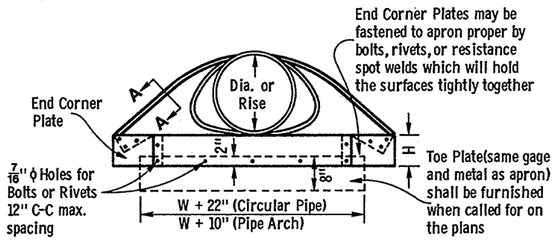
END VIEW



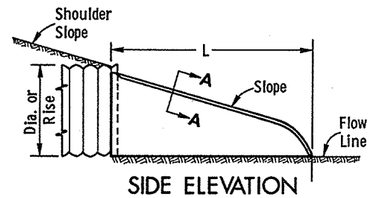
SLOPE DETAIL



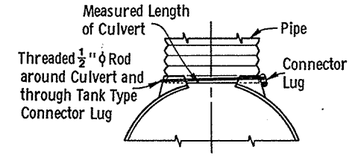
PLAN



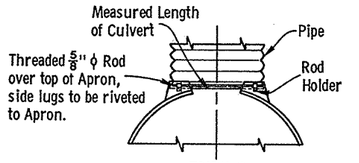
END VIEW



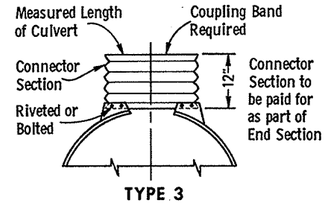
SIDE ELEVATION



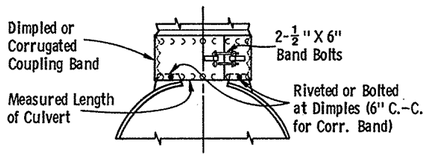
TYPE 1
For 12" thru 24" only (Circular Pipe)



TYPE 2
For 30" and 36" only (Circular Pipe)
For 18" X 11" thru 58" X 36" only (Pipe Arch)

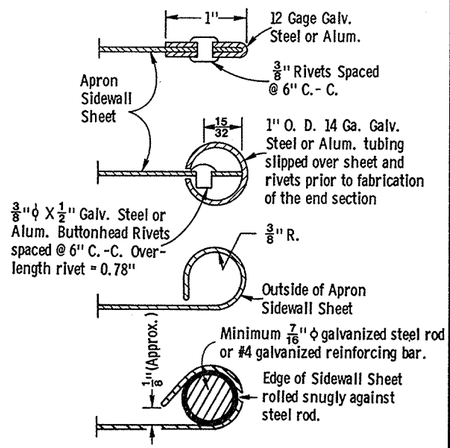


TYPE 3
For 42" thru 84" only (Circular Pipe)
For 65" X 40" & 72" X 44" (Pipe Arch)



TYPE 5
Alternate for
All sizes Corrugated Circular Pipe and Pipe Arch

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



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 hereon 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 2/3 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" - *35"	60"	39"	99"	96"	5"
66"	10,630	2 to 1	6 1/2"	**24" - *30"	**72" - *78"	21" - 27"	99"	102"	5 1/2"
72"	12,520	2 to 1	7"	**24" - *36"	78"	21"	99"	108"	6"
78"	14,430	2 to 1	7 1/2"	**24" - *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 A ± 1"	B MAX.	H ± 1"	L ± 1 1/2"	W ± 2"	APPROX. SLOPE
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 1/6 to 1

NOTE: All splices to be lap riveted or bolted

METAL OR ALUMINUM APRON ENDWALLS FOR CIRCULAR PIPES

PIPE — ARCH DIMENSIONS SPAN	RISE	GAGE MIN.	DIMENSIONS A ± 1"	B MAX.	H ± 1"	L ± 1 1/2"	W ± 2"	APPROX. SLOPE
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

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.

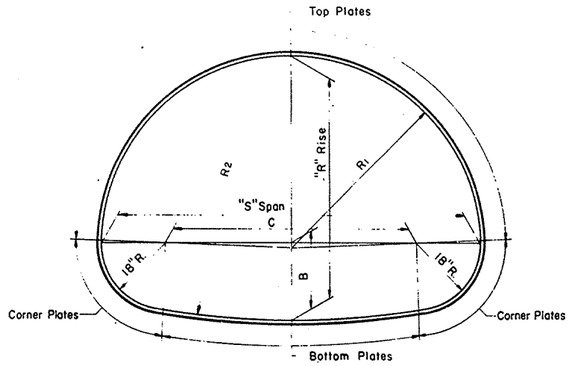
APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

State of Wisconsin
Department of Transportation
Division of Highways

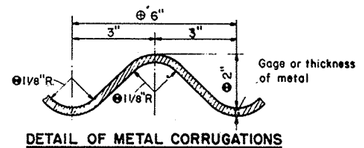
RECOMMENDED FOR APPROVAL:
4-11-72 — DATE — L. C. Hamid — CHIEF DESIGN ENGINEER

APPROVED
4-11-72 — DATE — S. C. Hicks — STATE HIGHWAY ENGINEER

S.D.D. 8F1-2



STRUCTURAL PLATE PIPE ARCH



DETAIL OF METAL CORRUGATIONS

CORRUGATION DIMENSION	TOLERANCES
⊕	Tol. 1/4"
⊕	Tol. ± 1/8"
⊖	Min. 1 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 ℄ 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 ℄ 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.

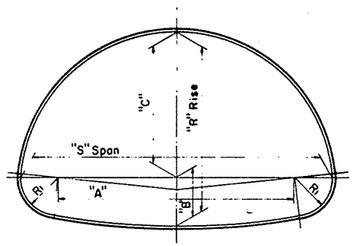
Strutting of Pipe Arches will not be required during construction unless specifically called for on the plans or the applicable Special Provisions.

TABLE OF PROPERTIES
STRUCTURAL PLATE PIPE ARCH

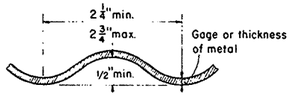
SPAN Nominal Size	Dimensions taken from inside crests of corrugations							Table of Metal Gages — Minimum Acceptable																		
	Fabricators Size Min. Acceptable	R/S Ratio	Area Sq.Ft.	B In.	C In.	R1 In.	R2 In.	H-20 LOADING Depth of Embankment in Feet																		
	"S" Span — "R" Rise							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				
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	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	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	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	8	8	8	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	8	8	8	7	7	5				
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	5	5	3				
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	7	7	5	5	3	1				
14 "	13'-11" x 8'-7"	.62	93	28.9	131.0	84.4	220.8	5	5	7	7	8	8	8	7	7	5	5	3	3	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	–	–				
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	–	–	–				
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	–	–	–	–				

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 permissable providing equivalent capacity and strength are attained.

EMBANKMENT—Minimum for ℄ 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 ℄ 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:

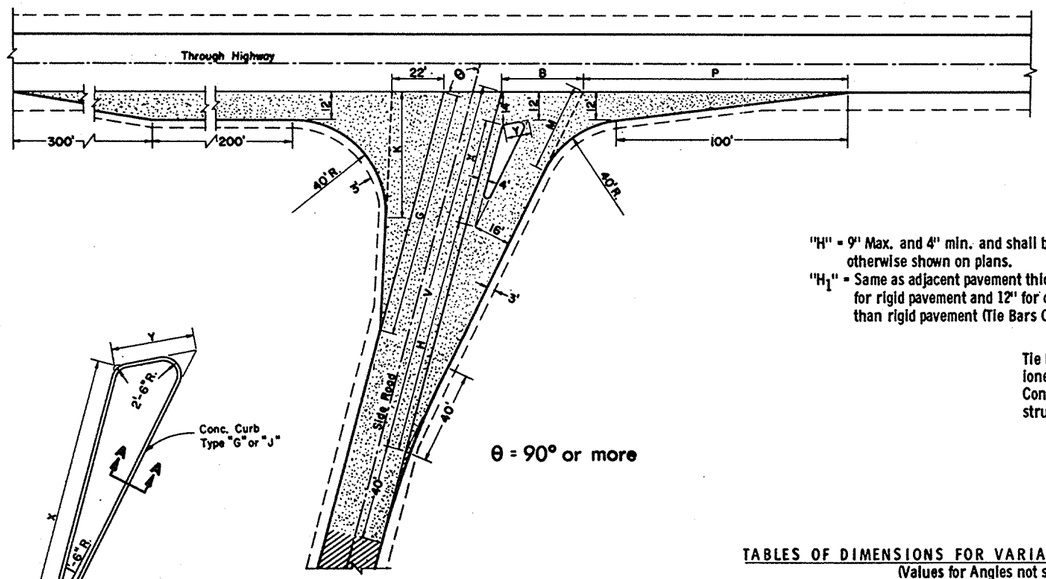
2-5-63 — DATE — J. S. Pitz — ENGINEER OF DESIGN

APPROVED:

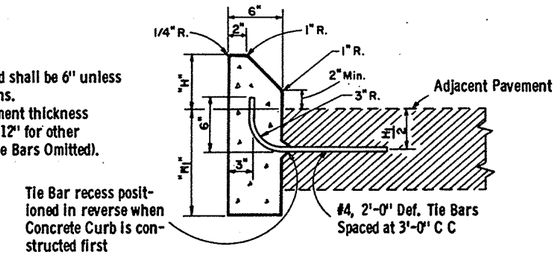
2/6/63 — DATE — E. C. Ruettiger — STATE HIGHWAY ENGINEER

S.D.D. 8F 2-1

S.D.D. 8F 2-1



θ = 90° or more

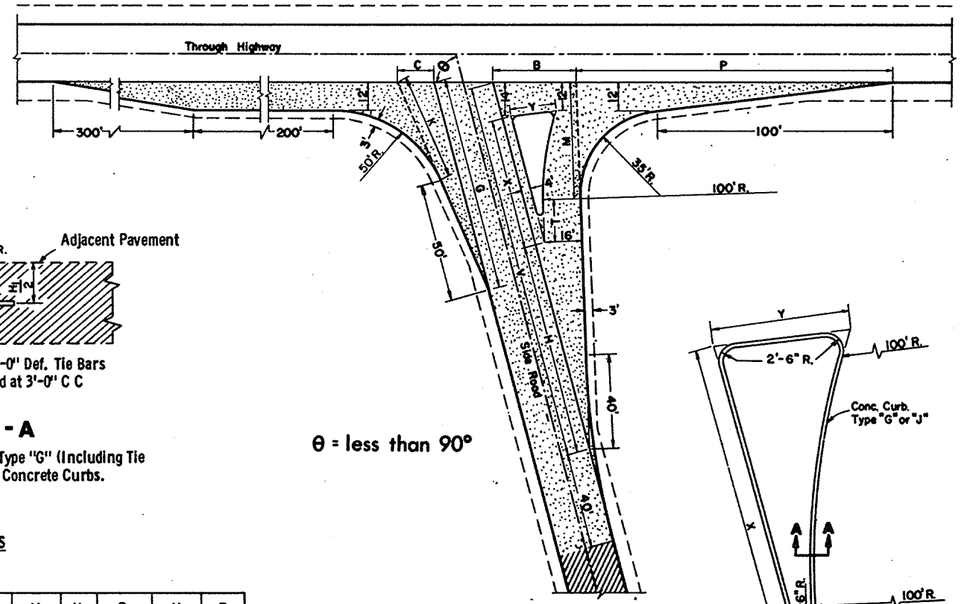


"H" = 9" Max. and 4" min. and shall be 6" unless otherwise shown on plans.

"H_1" = 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.



θ = less than 90°

TABLES OF DIMENSIONS FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(Values for Angles not shown shall be interpolated)

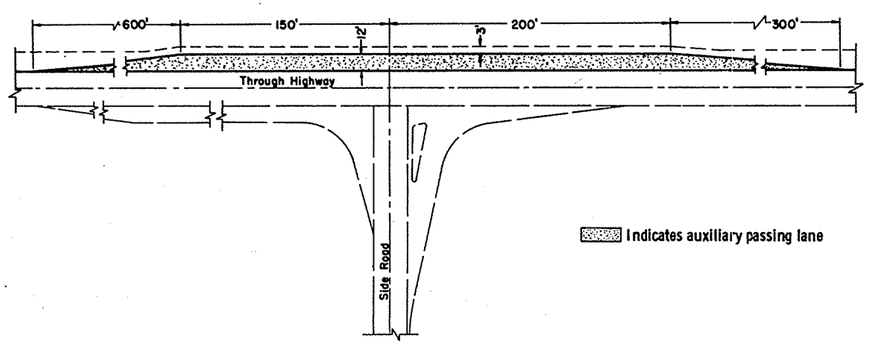
θ	G	K	B	V	H	X	Y	P	M
90	90	43.8	33.9	156.0	94	48.0	11.0	125.0	44.2
95	94	46.7	34.0	156.7	96	47.0	11.0	121.3	41.9
100	98	50.0	34.4	157.4	98	45.9	11.0	117.7	39.7
105	102	53.8	35.2	158.3	100	44.9	11.2	114.2	37.8
110	106	58.2	36.4	159.2	102	43.7	11.4	110.6	36.2
115	110	63.4	38.4	161.8	104	42.6	11.7	107.1	34.8
*120	114	69.4	40.1	161.2	106	41.4	12.2	103.4	33.7

*Maximum angle of intersection

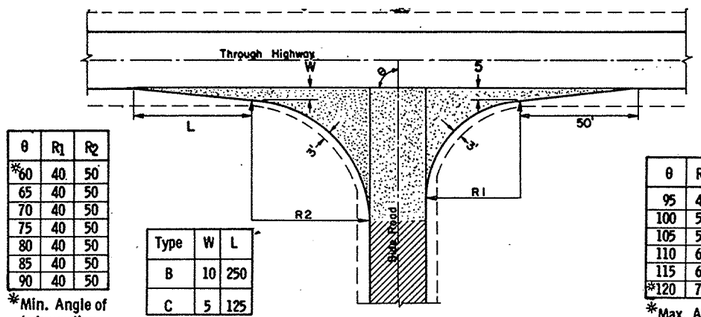
θ	C	G	K	B	V	X	Y	H	P	M	T
*60	19.7	76.3	38.6	41.5	169.9	67.4	29.3	84	144.5	58.8	21.6
65	17.8	82.6	40.6	39.4	166.9	63.6	25.0	86	141.2	54.9	20.7
70	15.8	87.2	43.1	37.4	164.1	59.7	21.9	88	136.8	51.4	19.2
75	15.7	90.9	45.6	35.7	161.4	55.9	19.3	90	132.7	48.2	17.4
80	15.9	94.9	48.3	34.4	158.9	51.9	17.0	92	128.8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

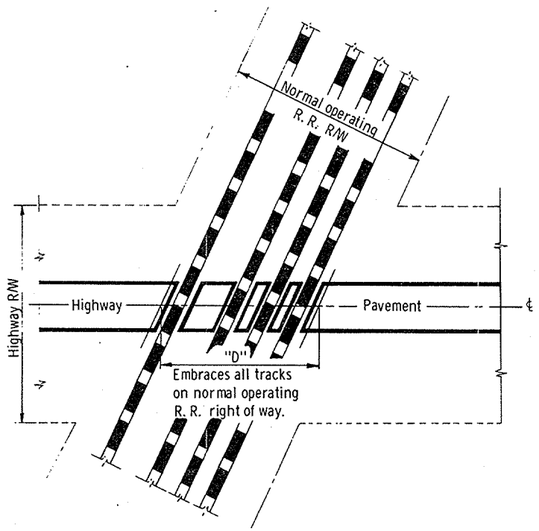
LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS

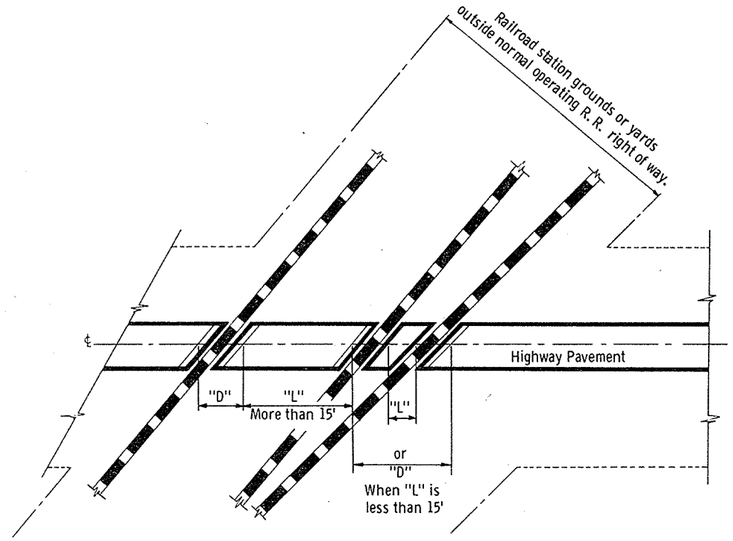
State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL:
8/9/67 (DATE) E. J. Bobst (CHIEF DESIGN ENGINEER)

APPROVED:
6/9/67 (DATE) A. Turnbull (STATE HIGHWAY ENGINEER)

S.D.D. 9A1-1



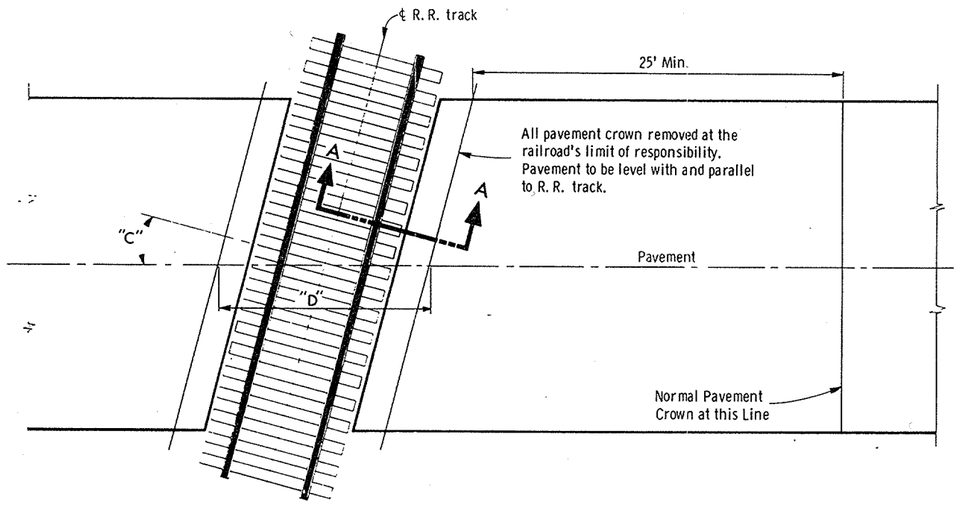


TYPICAL TYPES OF RAILROAD GRADE CROSSINGS SHOWING THE RAILROAD'S LIMIT OF RESPONSIBILITY AND MEASUREMENT DETAILS

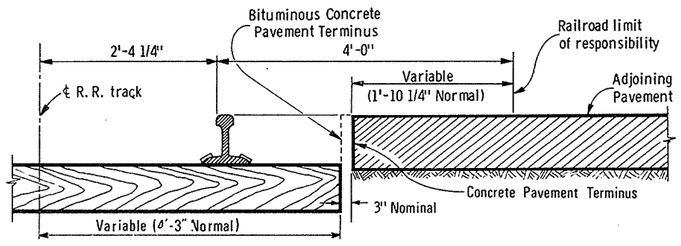
GENERAL NOTES

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 ℄. 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: $D = \frac{12.71}{\text{Cos. "C"}}$



SECTION "A-A"

RAILROAD APPROACH CONSTRUCTION DETAILS

PAVEMENT DETAILS FOR RAILROAD APPROACH

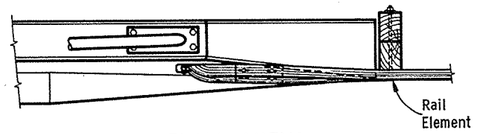
State of Wisconsin
Department of Transportation
Division of Highways

RECOMMENDED FOR APPROVAL
3/3/69 DATE — CHIEF DESIGN ENGINEER

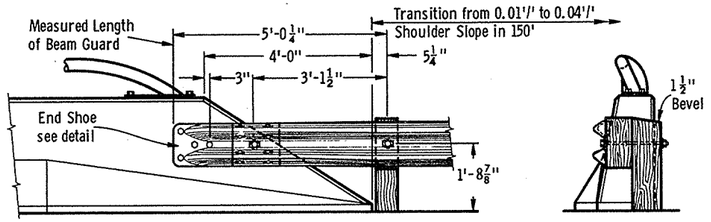
APPROVED
3/27/69 DATE — STATE HIGHWAY ENGINEER

S.D.D. 13B1-1

S.D.D. 13B1-1



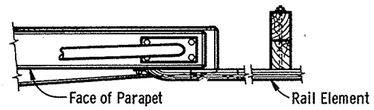
PLAN VIEW



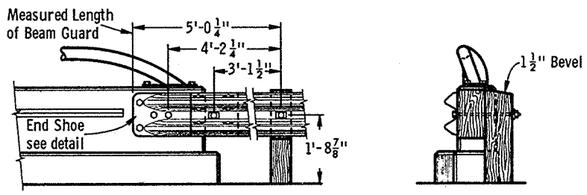
FRONT ELEVATION END ELEVATION

STRUCTURE MOUNTING DETAIL

SLOPING TYPE PARAPET WALL



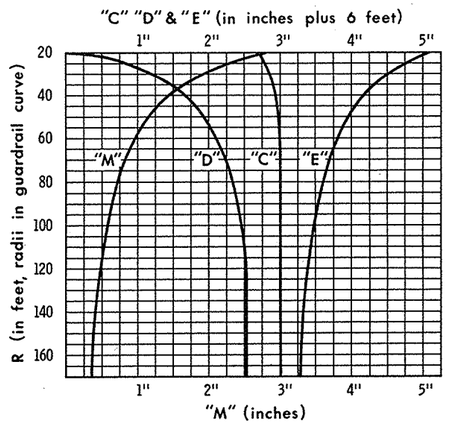
PLAN VIEW

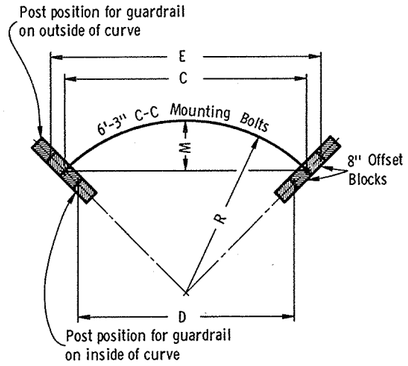


FRONT ELEVATION END ELEVATION

STRUCTURE MOUNTING DETAIL

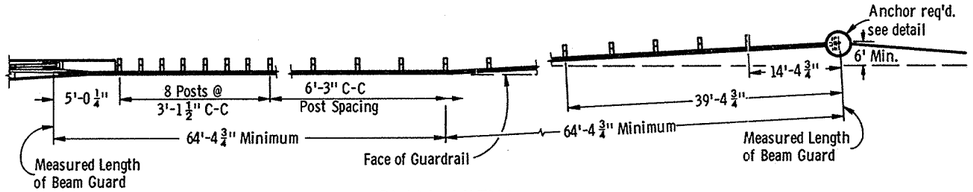
VERTICAL TYPE PARAPET WALL



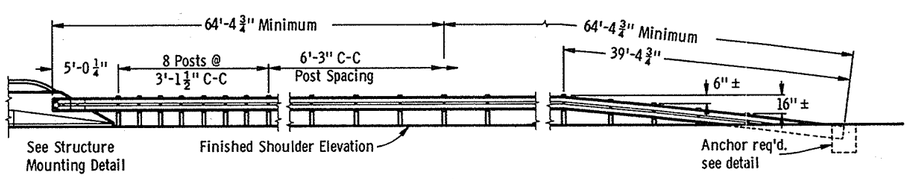


CHORD LENGTHS FOR POST SPACING AND MIDDLE ORDINATES FOR BEAM CURVING

CURVE DATA FOR POST SPACING AND BEAM CURVING

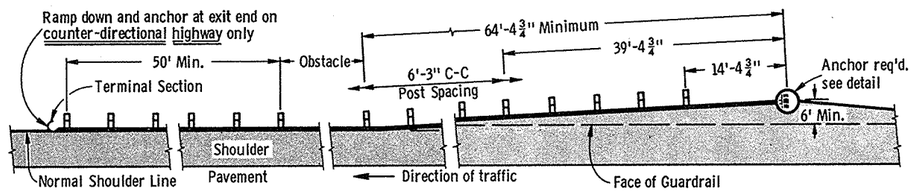


PLAN VIEW



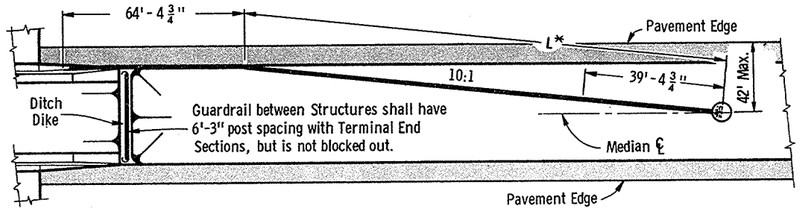
FRONT ELEVATION

TYPICAL OUTSIDE SHOULDER INSTALLATION AT STRUCTURES



PLAN VIEW

TYPICAL INSTALLATION AT LOCATIONS OTHER THAN STRUCTURES



* Variable based on Median width

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.

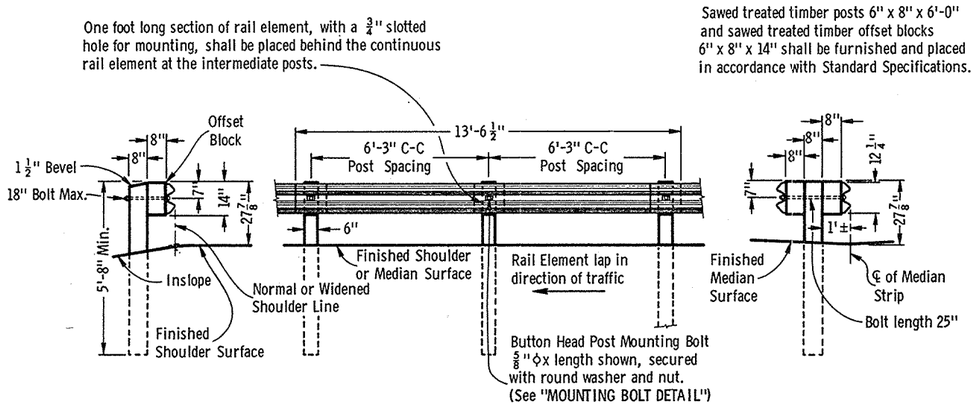
The "Post Footing Details At Piers" shall be used when guardrail posts are over structure footings and less than 3 feet-6 inches of earth is provided over the top of the footing.

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

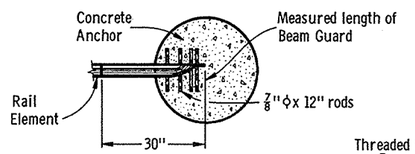
S.D.D. 14 B 2-2a



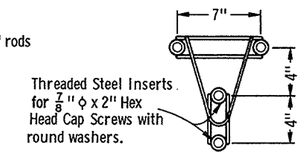
END ELEVATION — FRONT ELEVATION — END ELEVATION

STEEL PLATE BEAM GUARD — **STEEL PLATE BEAM MEDIAN GUARD**

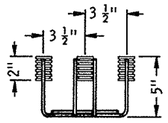
STEEL PLATE BEAM GUARD OR STEEL PLATE BEAM MEDIAN GUARD



PLAN VIEW



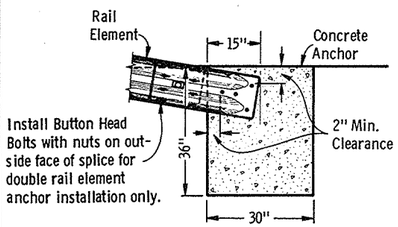
PLAN VIEW



ELEVATION

4 BOLT INSERT ASSEMBLY

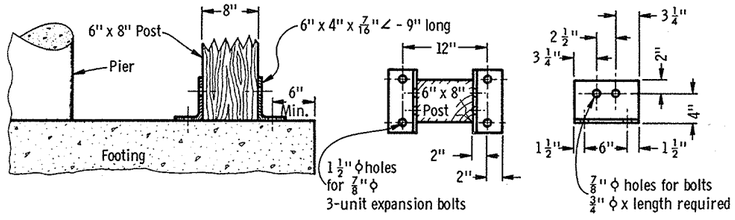
NOTE: Installation of 4 Bolt Insert Assembly (with Cap Screws inserted) to be part of Bridge Contract.



SECTION VIEW

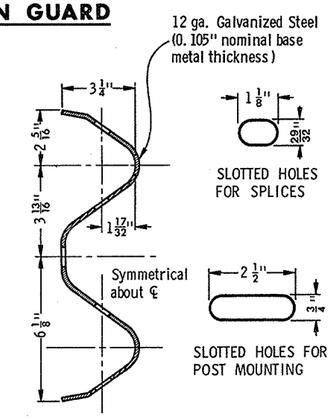
ANCHOR DETAIL

SINGLE RAIL ELEMENT INSTALLATION

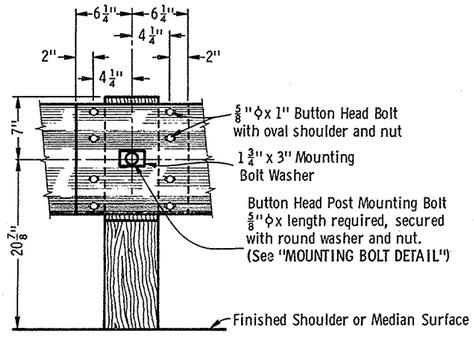


SECTION VIEW — PLAN VIEW — ELEVATION

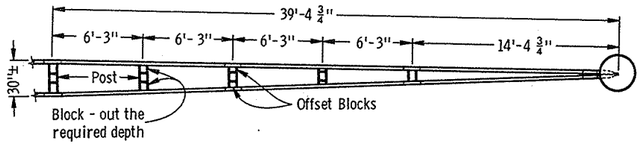
POST FOOTING DETAIL AT PIERS



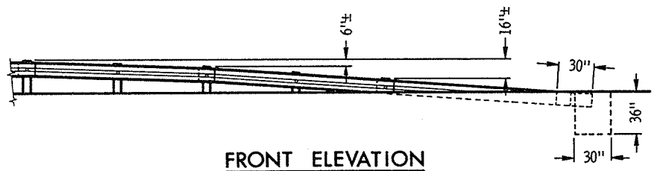
SECTION THRU RAIL ELEMENT



RAIL ELEMENT SPLICING AND POST MOUNTING DETAIL

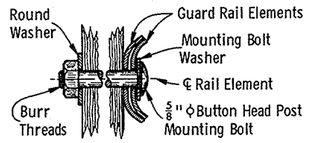


PLAN VIEW

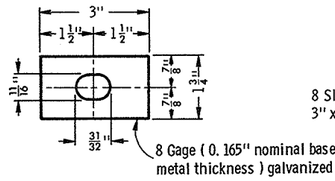


FRONT ELEVATION

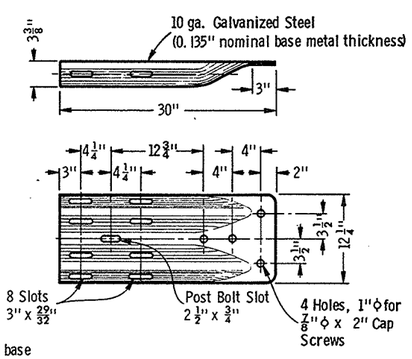
ANCHOR DETAIL FOR DOUBLE RAIL ELEMENT INSTALLATION



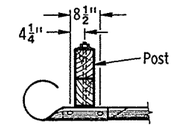
MOUNTING BOLT DETAIL



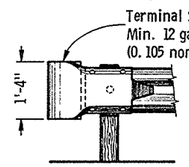
MOUNTING BOLT WASHER



END SHOE DETAIL

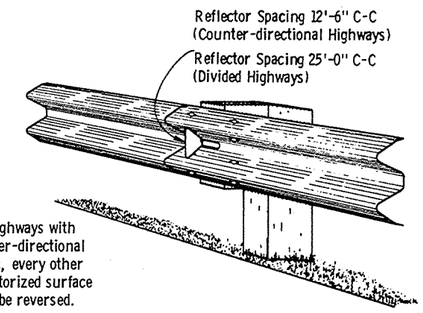


PLAN VIEW



FRONT ELEVATION

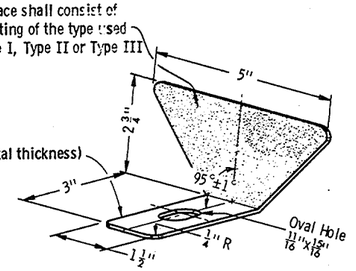
TERMINAL SECTION DETAILS



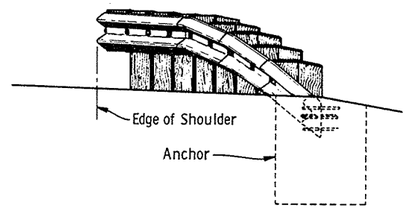
NOTE:
For highways with counter-directional traffic, every other reflectorized surface shall be reversed.

TYPICAL INSTALLATION

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



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.

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

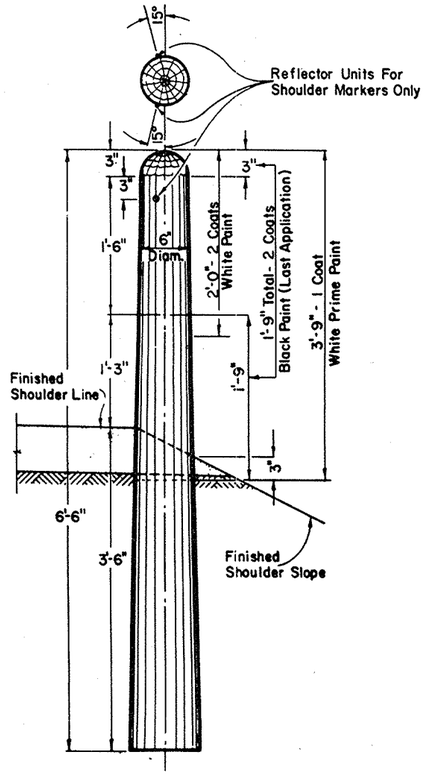
State of Wisconsin
Department of Transportation
Division of Highways

RECOMMENDED FOR APPROVAL:
3/7/72 (DATE) — CHIEF DESIGN ENGINEER

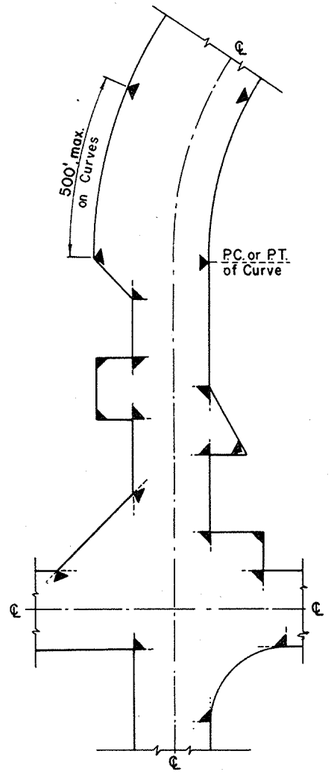
APPROVED:
3/22/72 (DATE) — STATE HIGHWAY ENGINEER

S.D.D. 14 B 2-2b

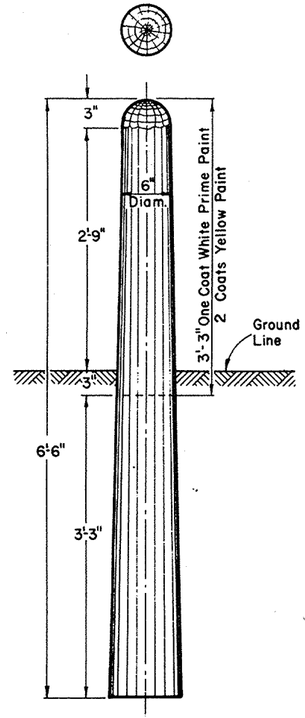
S.D.D. 14 B 2-2b



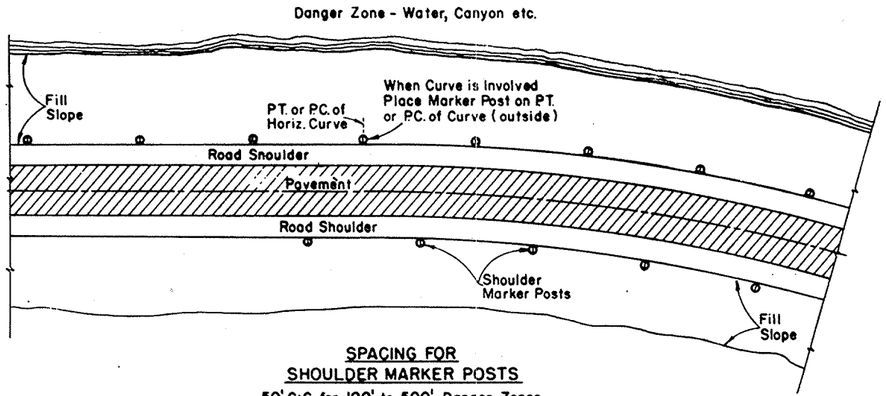
MARKER POST FOR
ROAD SHOULDERS



LOCATION DIAGRAM
SHOWING TYPICAL LOCATIONS OF
MARKER POSTS 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

MARKER POST FOR RIGHT OF WAY

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

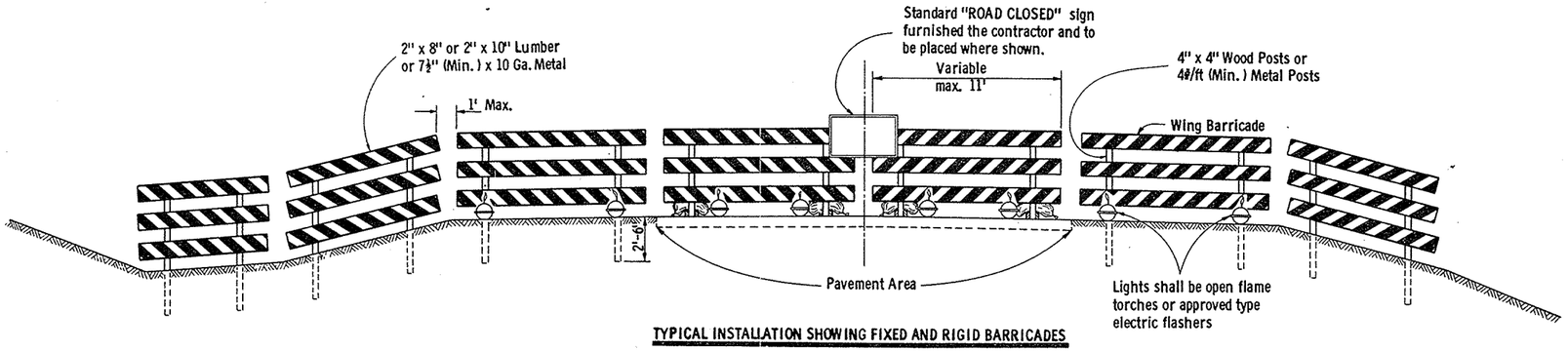
State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL:
7/6/66 DATE — E.J. Byrkit CHIEF DESIGN ENGINEER

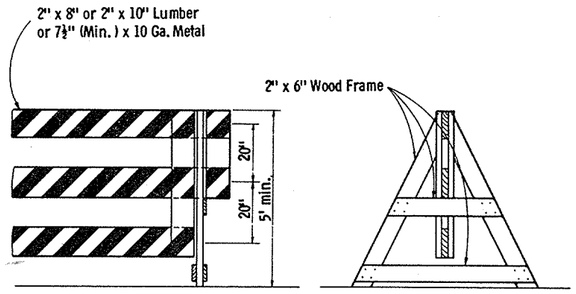
APPROVED:
7/5/66 DATE — K.H. Swanstrom STATE HIGHWAY ENGINEER

S.D.D. 15A1-1

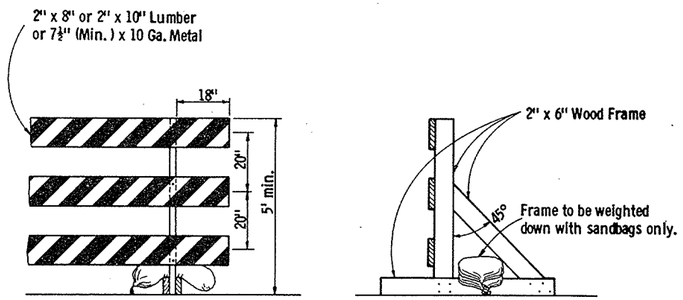
S.D.D. 15A1-1



TYPICAL INSTALLATION SHOWING FIXED AND RIGID BARRICADES

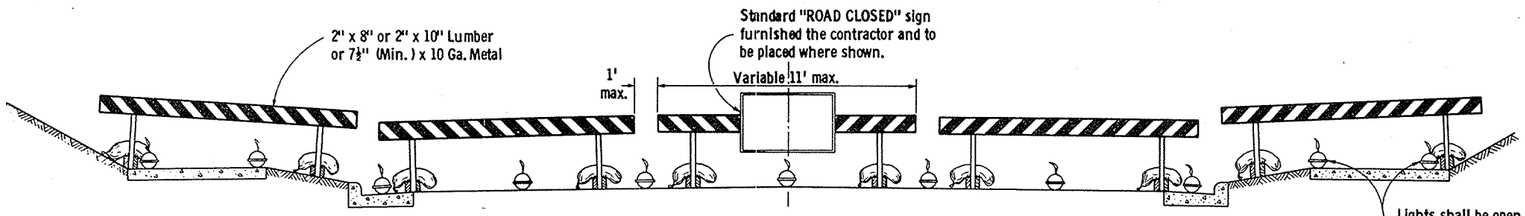


ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

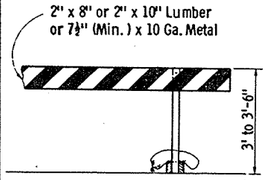


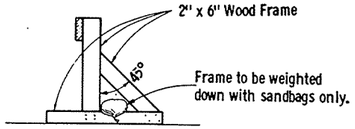
ALTERNATE TYPE INSTALLATION (RIGID)

CLASS I BARRICADES

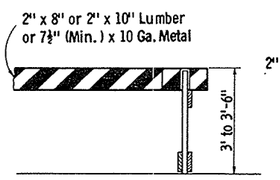


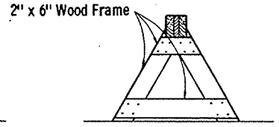
TYPICAL INSTALLATION SHOWING RIGID BARRICADES



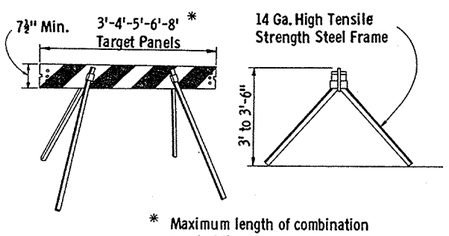


ALTERNATE TYPE INSTALLATION (RIGID)





ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)



* Maximum length of combination panels 16'

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 1 BARRICADE:

Class 1 Barricades shall be of variable length as indicated, and long barricades shall be assembled from these units. The Class 1 Barricade is the type normally required for major operations, where the barricade will remain in place for extended periods. Class 1 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 1 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 11 BARRICADE:

Class 11 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:

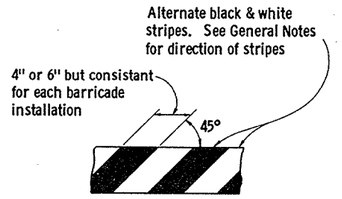
Where a barricade extends entirely across the roadway with no vehicle access provision, the stripes shall slope downward toward the highway centerline.
Where vehicle access is permitted, the stripes shall slope downward in the direction toward which vehicles must turn in detouring.
Where both right and 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

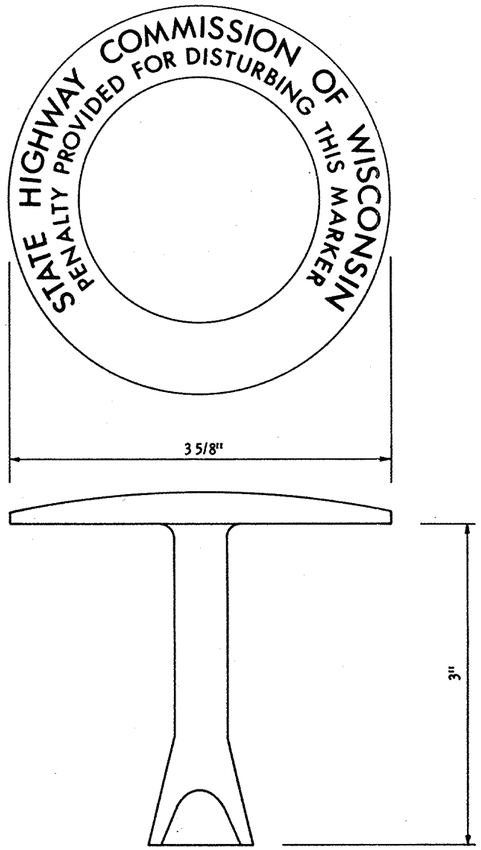
CONSTRUCTION BARRICADE

State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL:
1/11/67 DATE — E.J. Bobit CHIEF DESIGN ENGINEER
APPROVED:
1/13/67 DATE — W.J. Burmeister STATE HIGHWAY ENGINEER

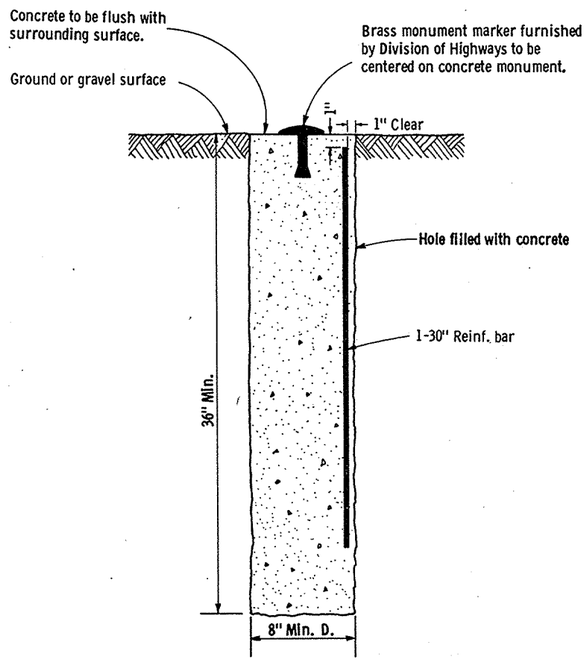
S.D.D. 15C1-1

S.D.D. 15C 1-1



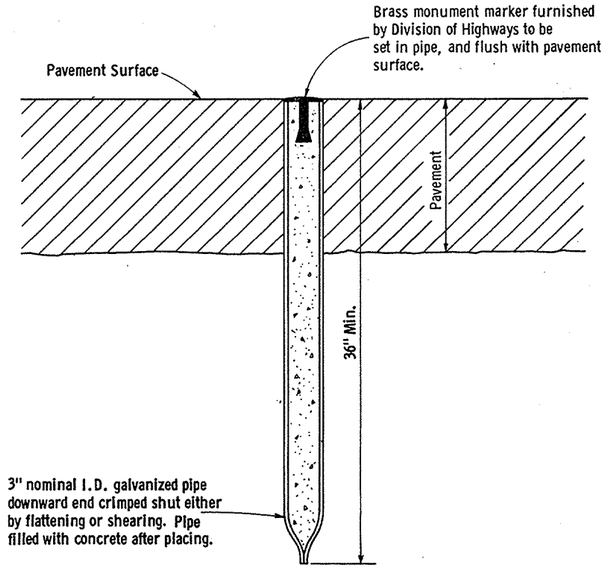
BRASS MONUMENT MARKER

To be furnished to contractor by Division of Highways



TYPE "A"

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



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:
DATE 1/25/68 — E. J. Bychit, CHIEF DESIGN ENGINEER

APPROVED:
DATE 2/8/68 — H. J. Zimmerman, STATE HIGHWAY ENGINEER

S.D.D. 16A1-1

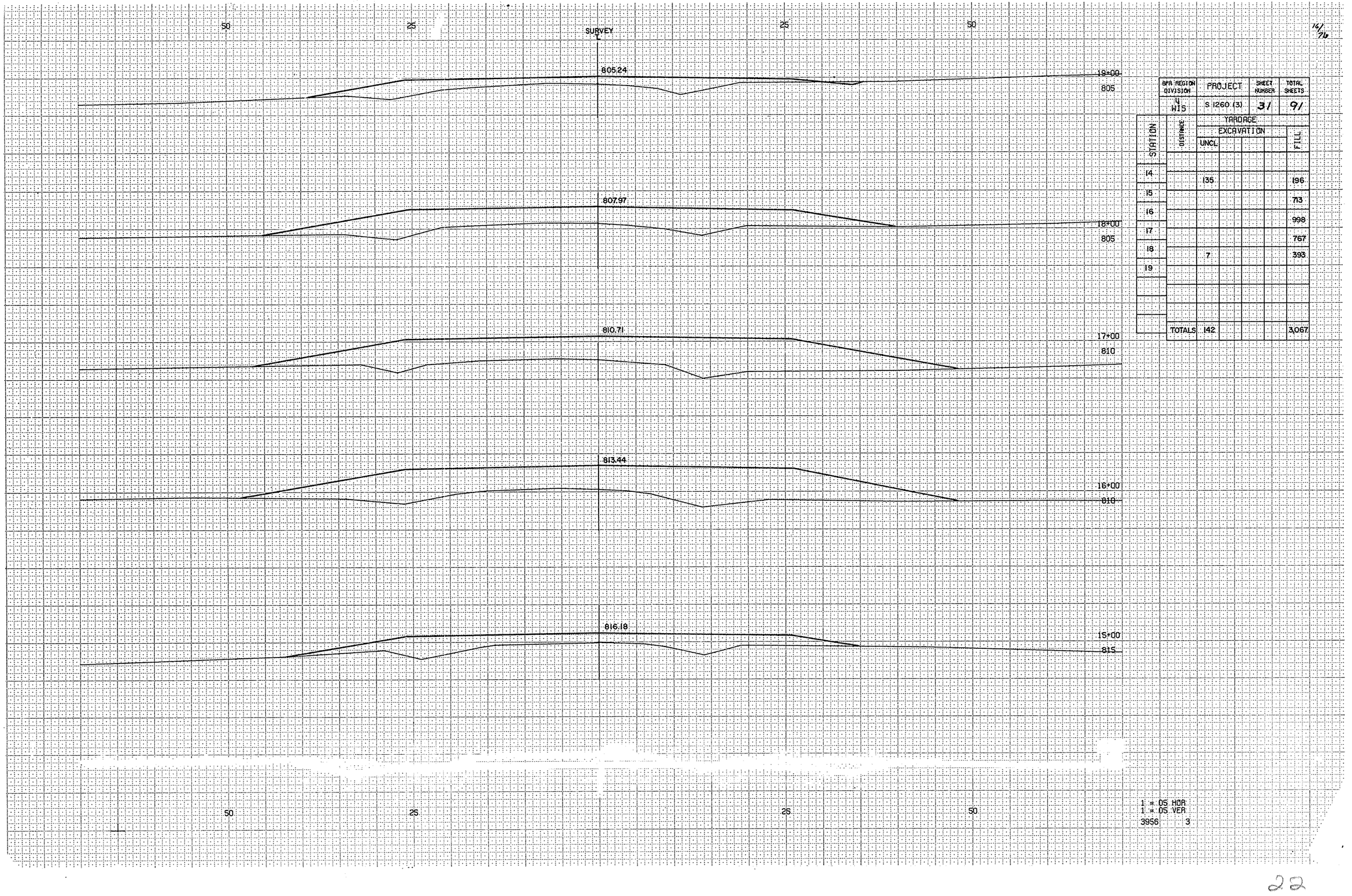
S.D.D. 16A1-1

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

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

1 = 5 VER
1 = 5 HOR

3 6460 20013



STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
14		135				196
15						713
16						998
17						767
18		7				393
19						
	TOTALS	142				3,067

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	31	91

1 = 05 HOR
1 = 05 VER
3956 3

17/76

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	32	91

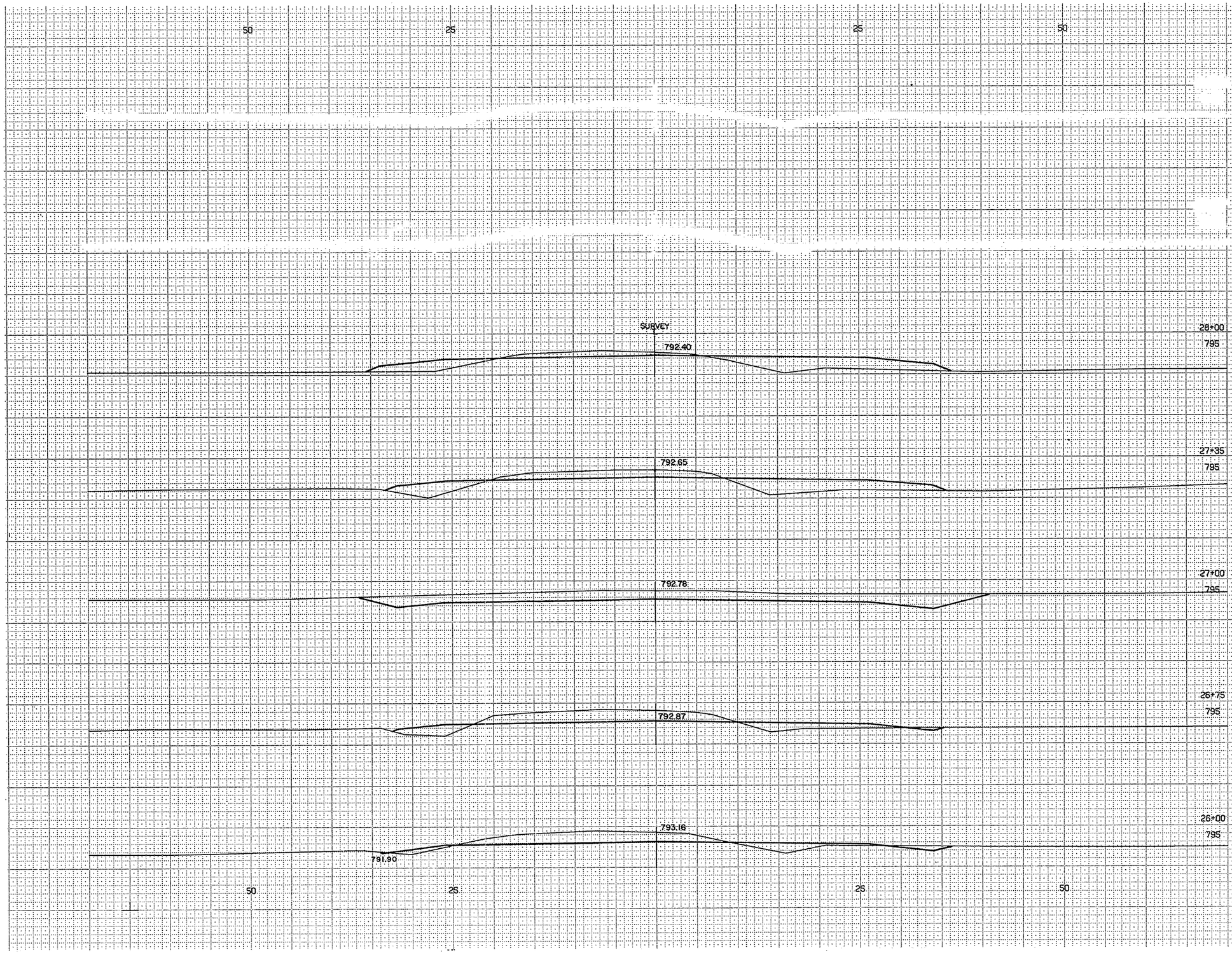
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
19		154				115
20		326				11
21		306				2
22		219				9
23		206				15
24		222				15
25						
	TOTALS	1,433				167

1 = 05 HOR
1 = 05 VER
3956 4

10/76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WI5	S 1260 (3)	33	91

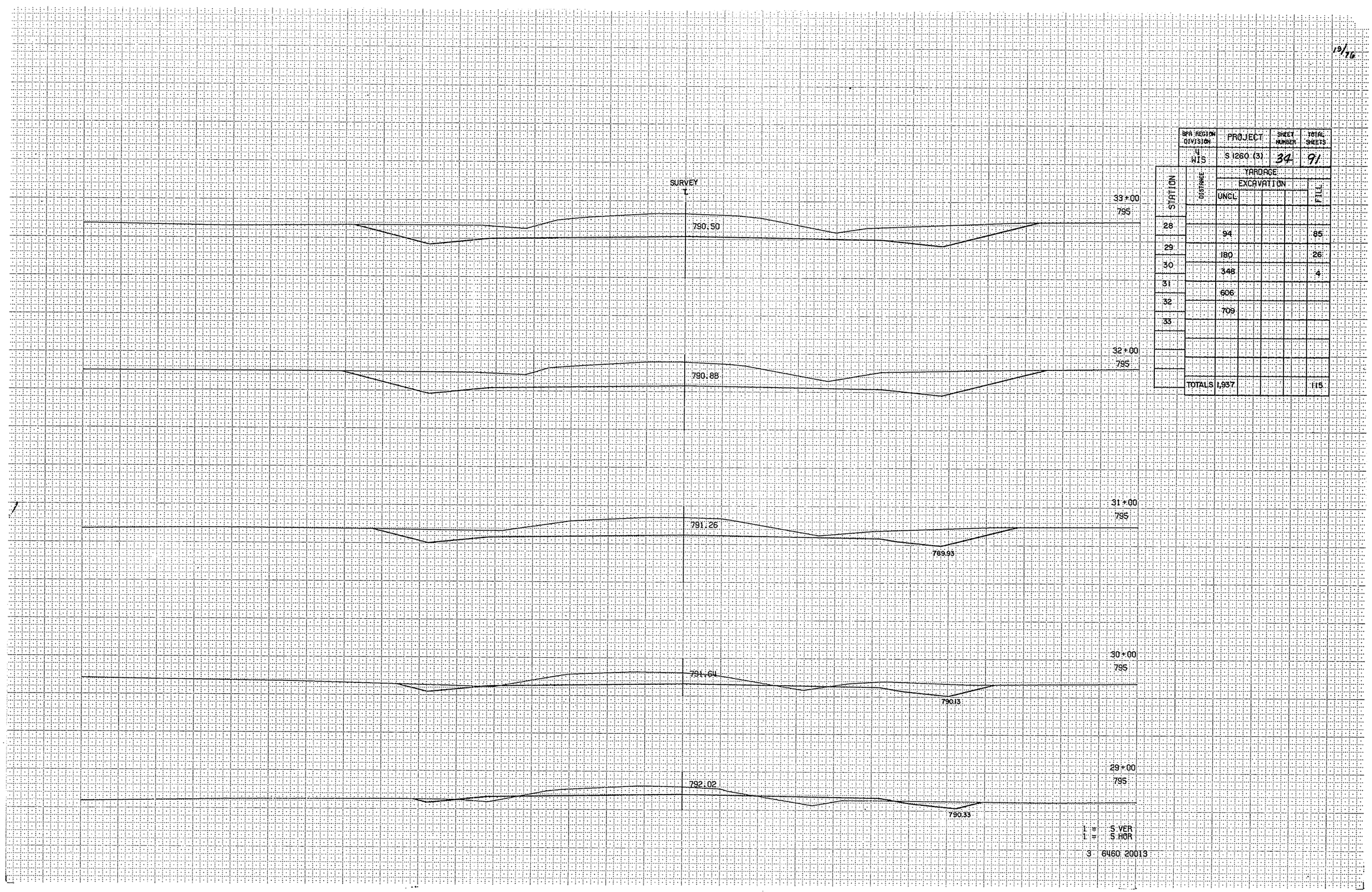
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
25						
	181					26
26						
	168					49
27						
	131					115
28						
TOTALS	480					190



1 = 05. HOR.
1 = 05. VER.
3956 5

23

19/76



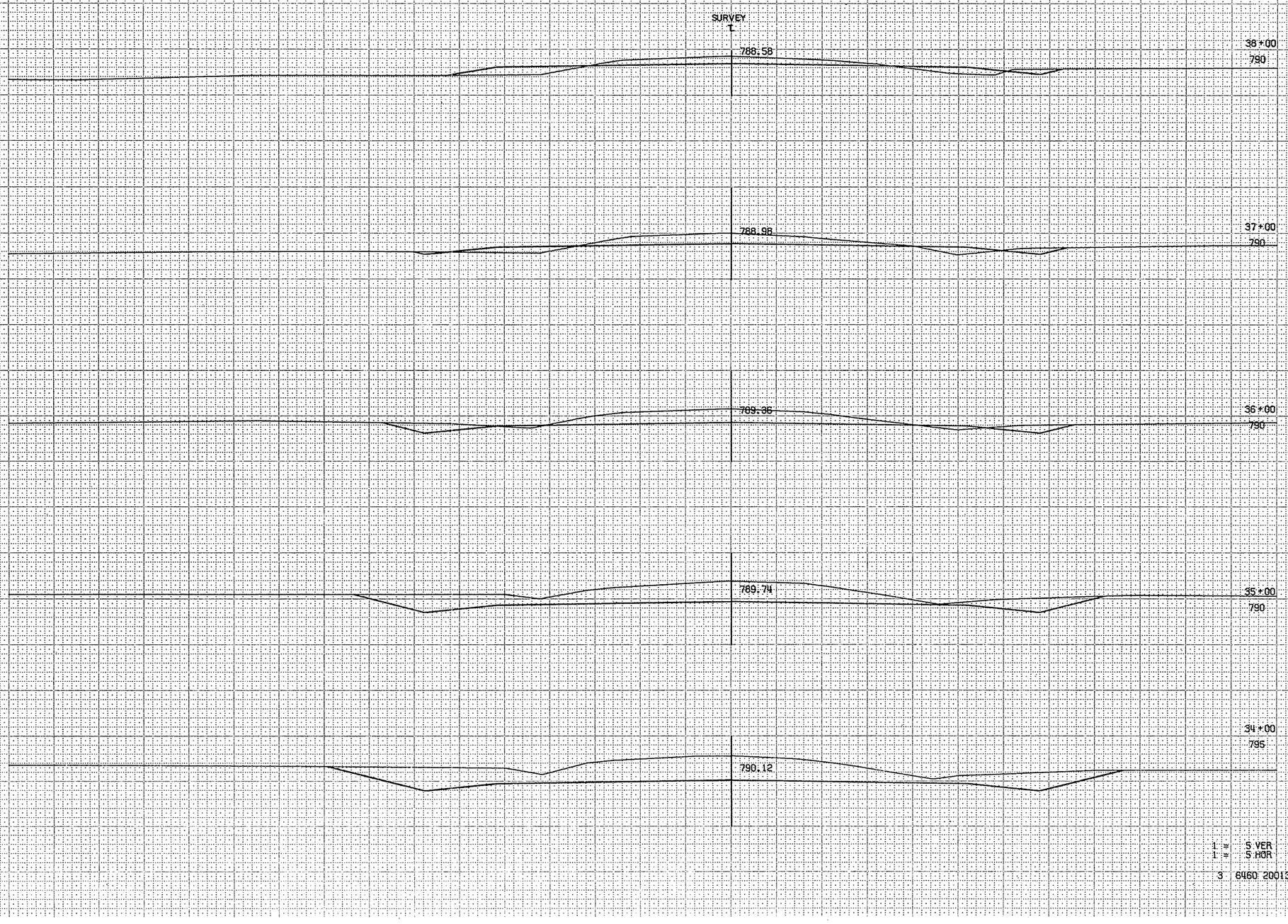
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	34	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
28		94	85
29		180	26
30		348	4
31		606	
32		709	
33			
	TOTALS	1,937	115

1 = S VER
1 = S HOR

3 6460 20013

20/76



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S 1260 (3)	35	91

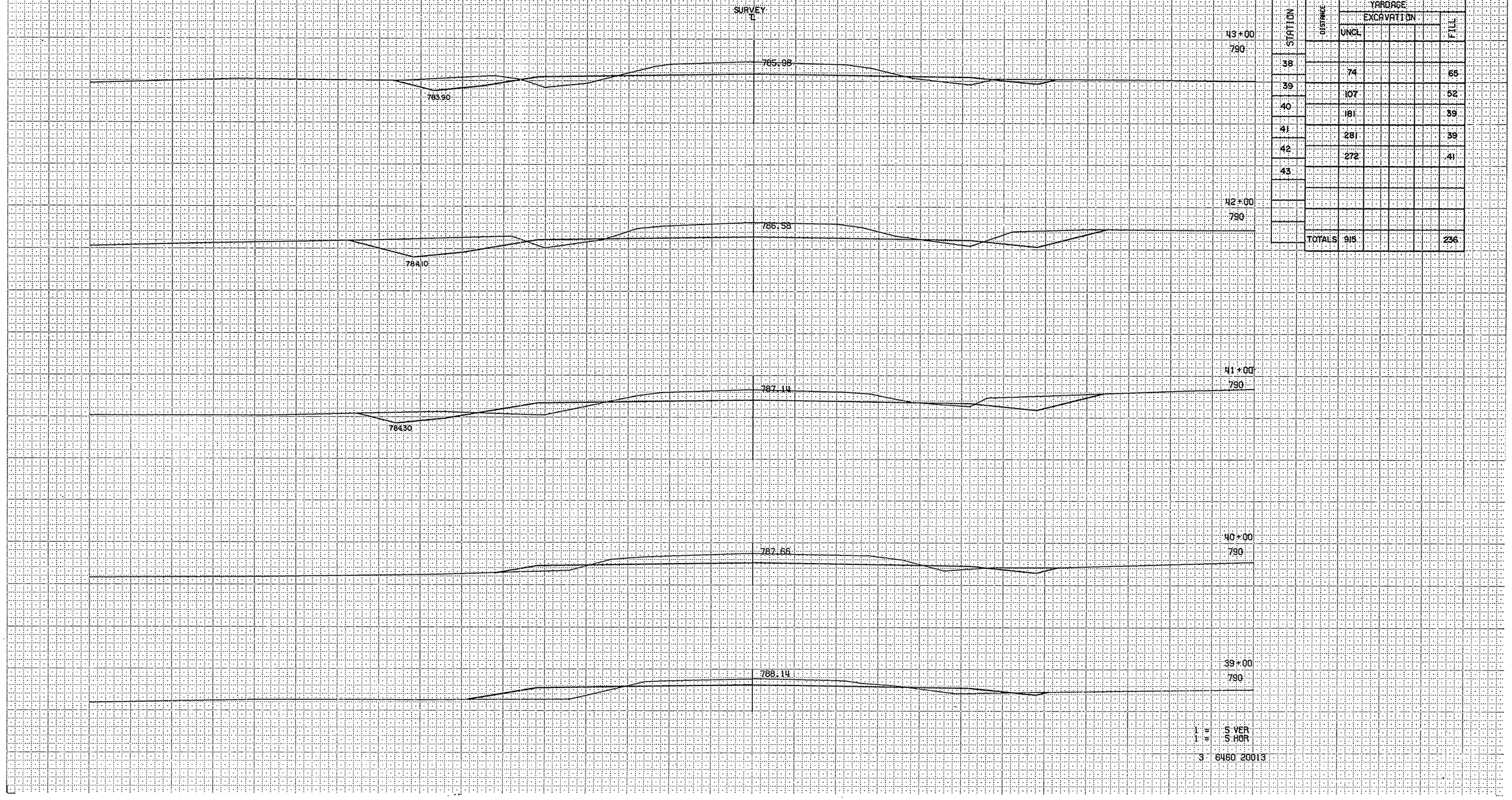
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
33			
	613		
34			
	483		
35			
	302		6
36			
	157		24
37			
	94		46
38			
TOTALS	1,649		76

24

2/76

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

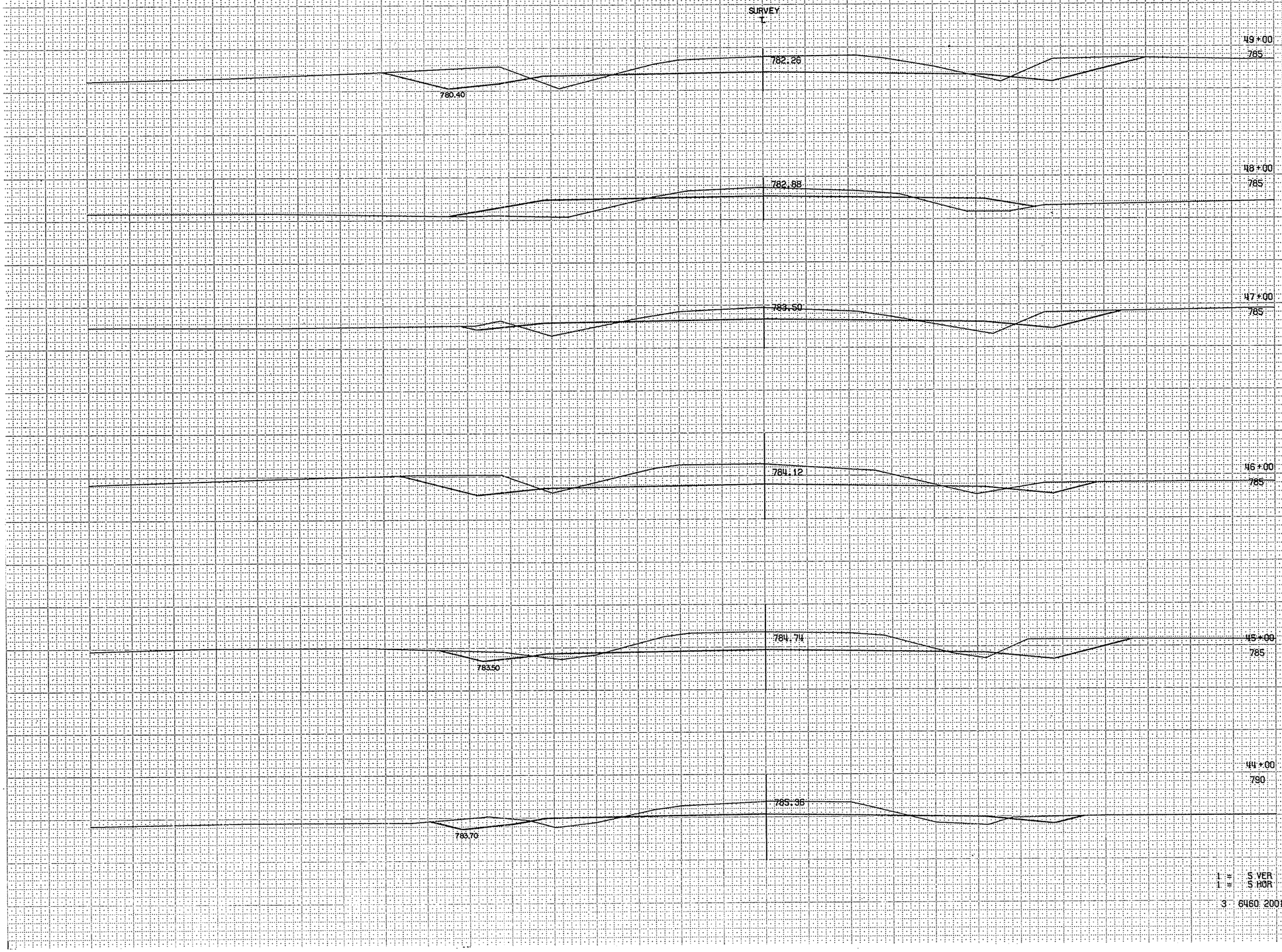
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					FILL
38		74					65
39		107					52
40		181					39
41		281					39
42		272					41
43							
TOTALS		915					236



1 = 5 VER
1 = 5 HOR

3 6460 20013

22/74



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	37	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
43			
	198		52
44			
	270		37
45			
	363		20
46			
	276		143
47			
	128		107
48			
	239		91
49			
	TOTALS	1,474	350

1 = 5 VER
1 = 5 HOR

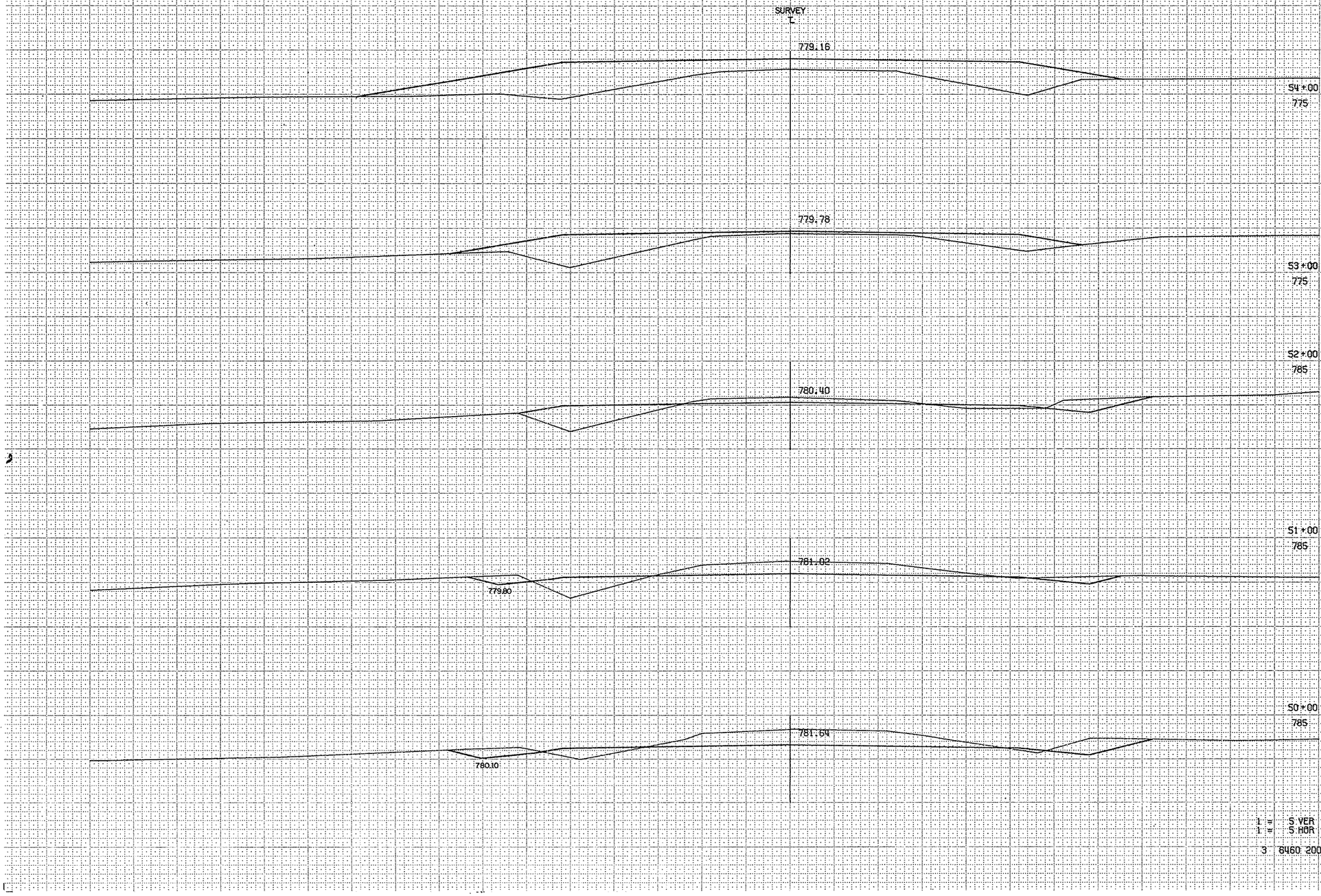
3 6460 20013

25

23/76

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 W15	S 1260 (3)	38	91

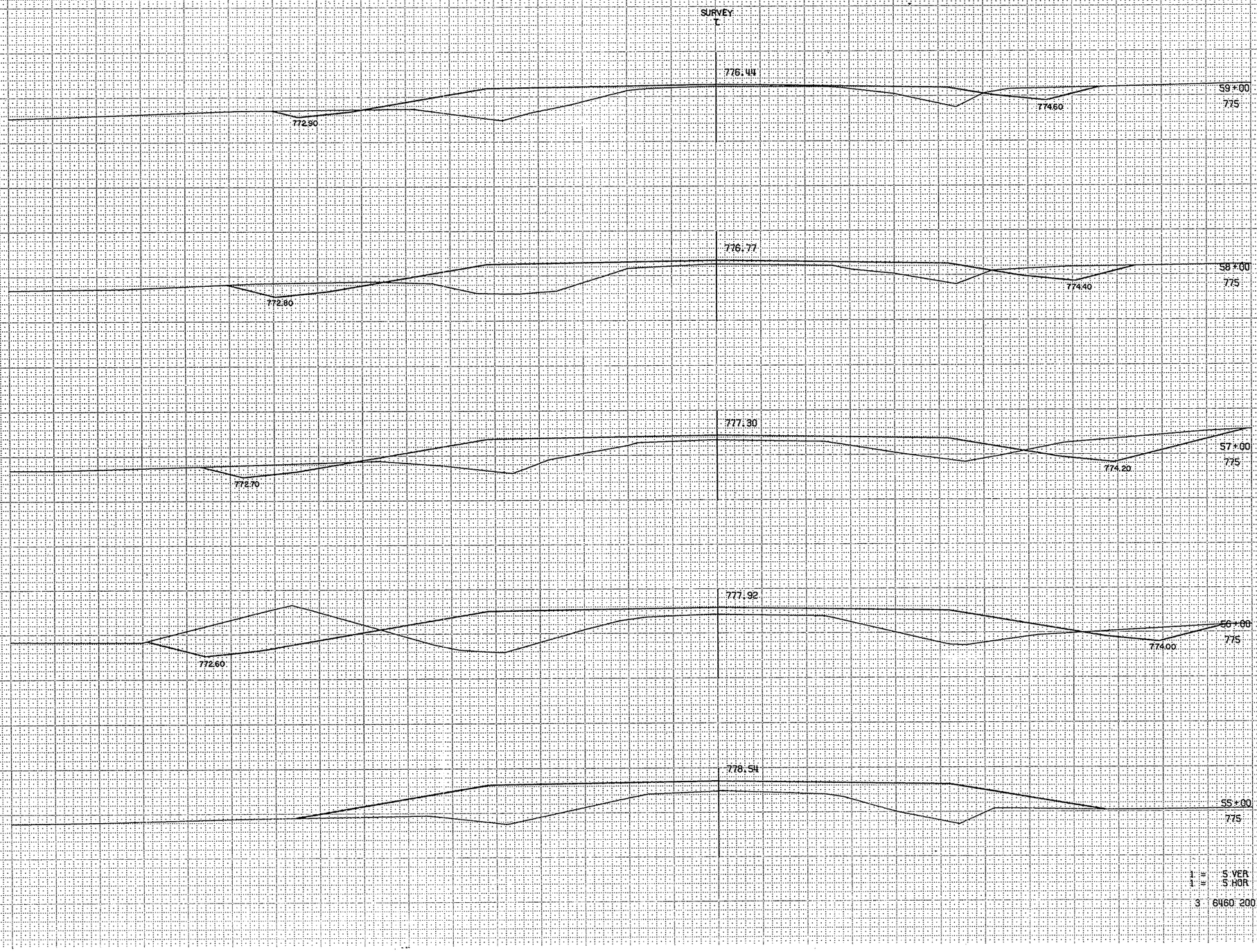
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
54+00			
775			
49		328	33
50		217	48
51		130	89
52		43	202
53			457
54			
53+00			
775			
	TOTALS	718	829



1 = S VER
1 = S HOR

3 6460 20013

24/76



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	39	91

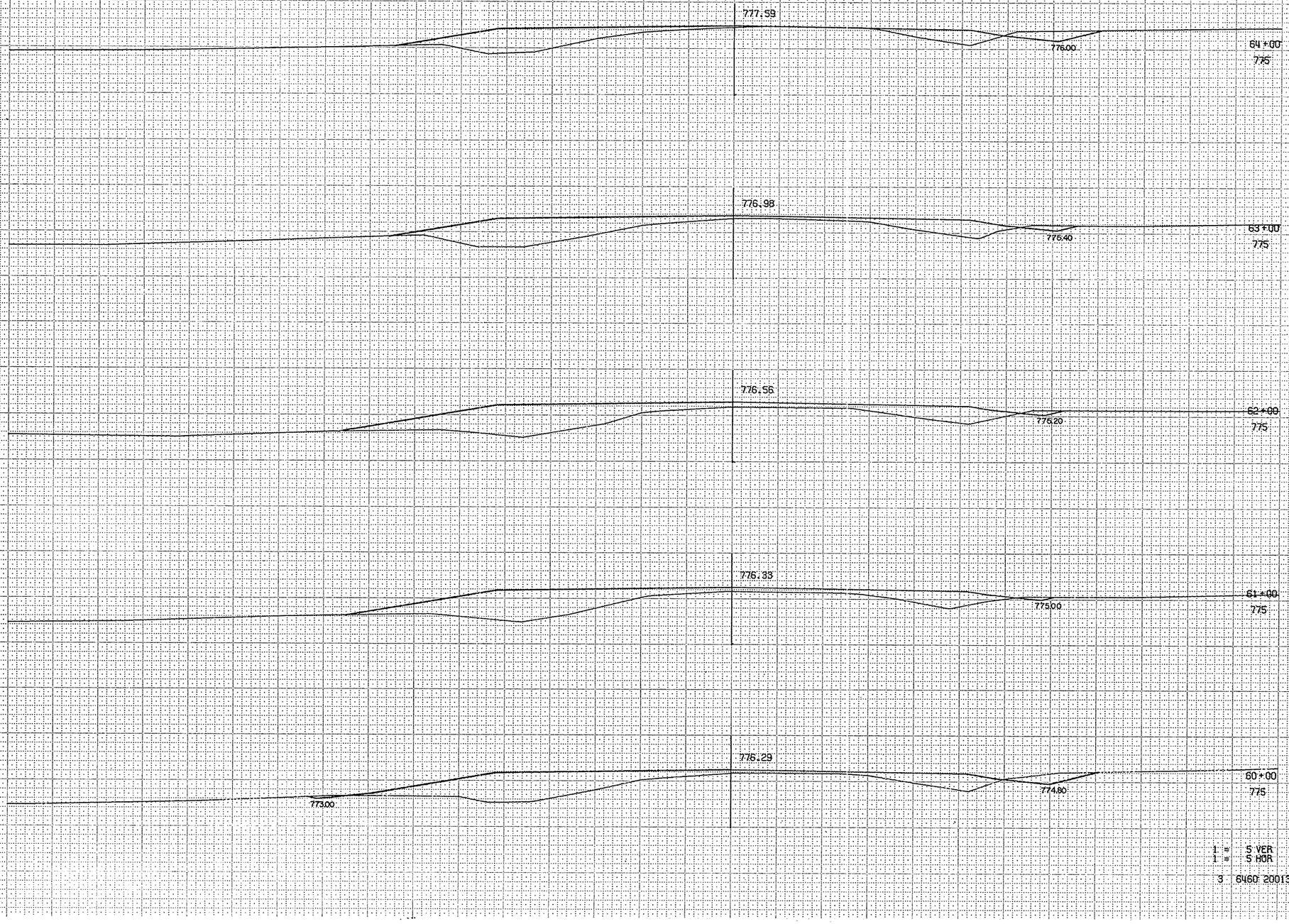
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
54			657
55	157		637
56	248		493
57	144		369
58	80		309
59			
TOTALS	629		2,465

1 = 5 VER
1 = 5 HOR

3 6460 20013

25/76

SURVEY
℄



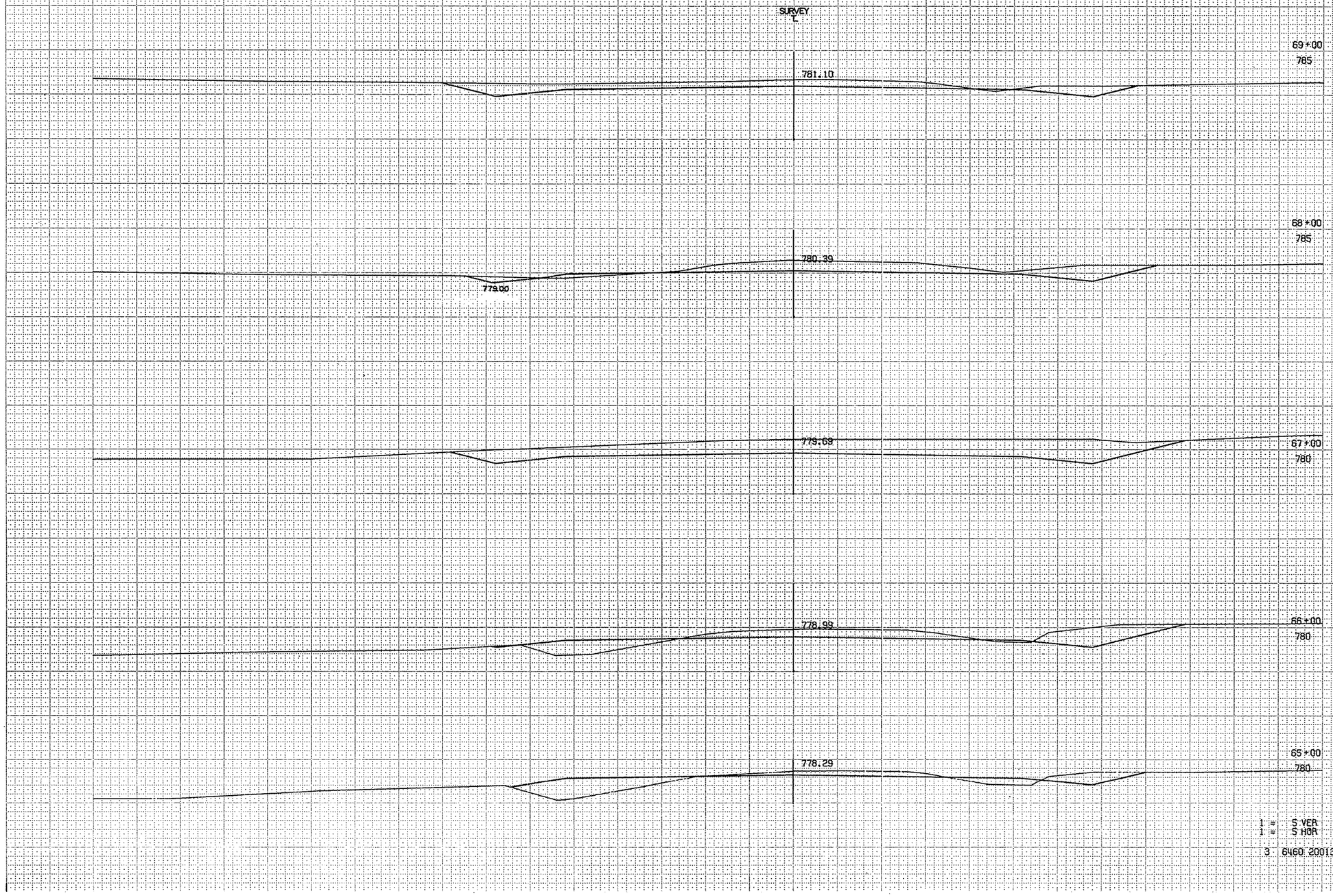
SPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
LE WIS	S 1260 (3)	40	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
59		39				302
60		15				339
61		4				367
62		6				344
63		17				263
64						
TOTALS	81					1615

1 LE 5 VER
1 LE 5 HOR

3 6460 20013

24/76



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

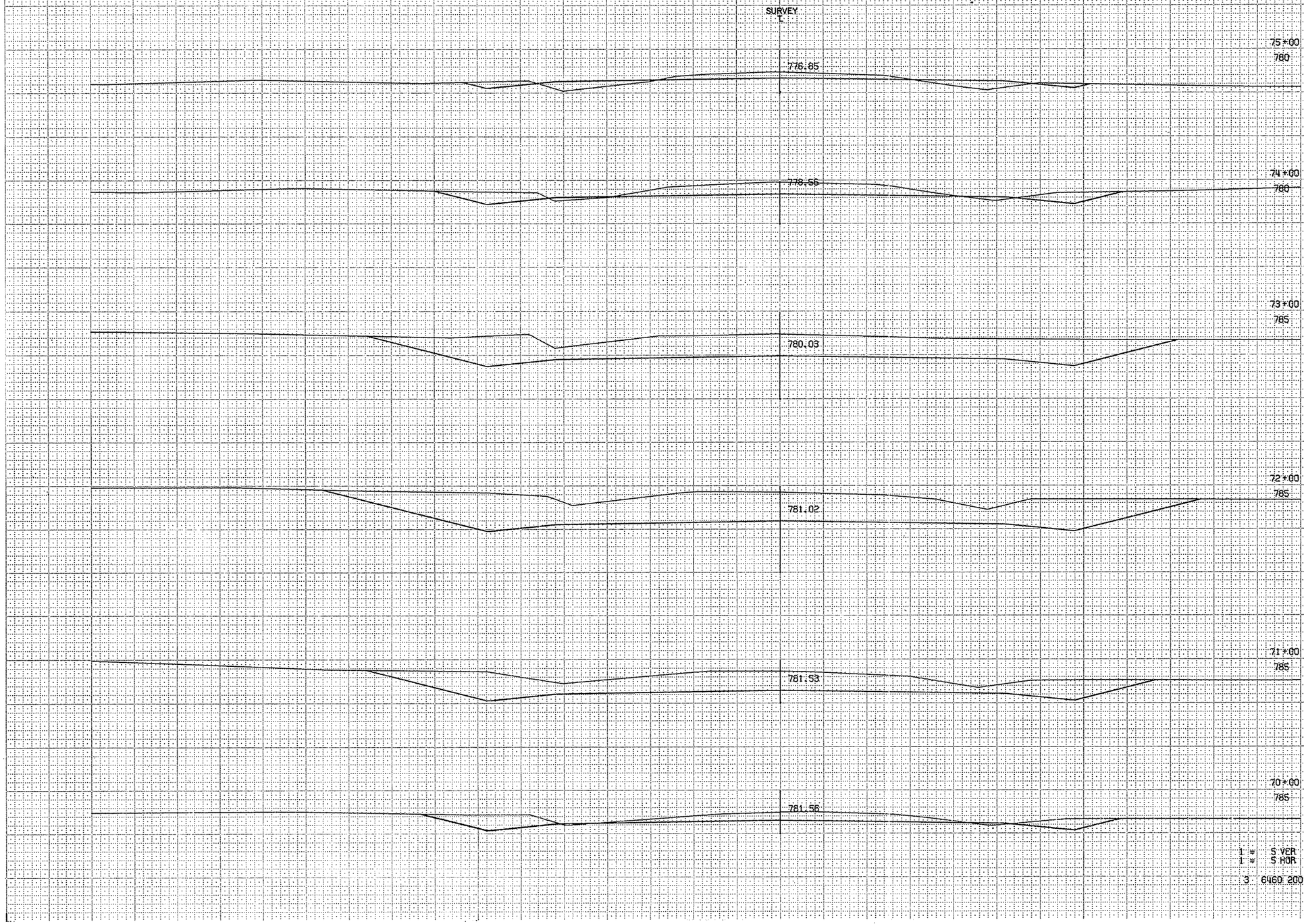
SPR REGION DIVISION	PROJECT			SHEET NUMBER	TOTAL SHEETS
WIS	S.1260	(3)		41	91

1 = 5 VER
1 = 5 HOR

3 6460 20013

27

27/74



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
5 WIS	S 1260 (3)	42	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
69		198	2
70		396	2
71		809	
72		891	
73		485	6
74		148	35
75			
	TOTALS	2,927	45

1 = S VER
1 = S HOR

3 6460 20013

28/74

SURVEY

769.43

81+00
765

770.01

80+00
770

79+00
775

770.87

78+00
775

772.02

77+00
775

773.45

76+00
780

775.13

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	S1280 (3)	43	91

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

1 = S VER
1 = S HOR

3 6460 20013

SURVEY
T.

767.59
87+00
770

767.89
86+00
770

768.19
85+00
770

768.49
84+00
765

768.79
83+00
765

769.09
82+00
765

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
5 WIS	S1260(3)	44	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
81			439
82			520
83			456
84		2	280
85		126	94
86		387	7
87			
TOTALS	515		1,796

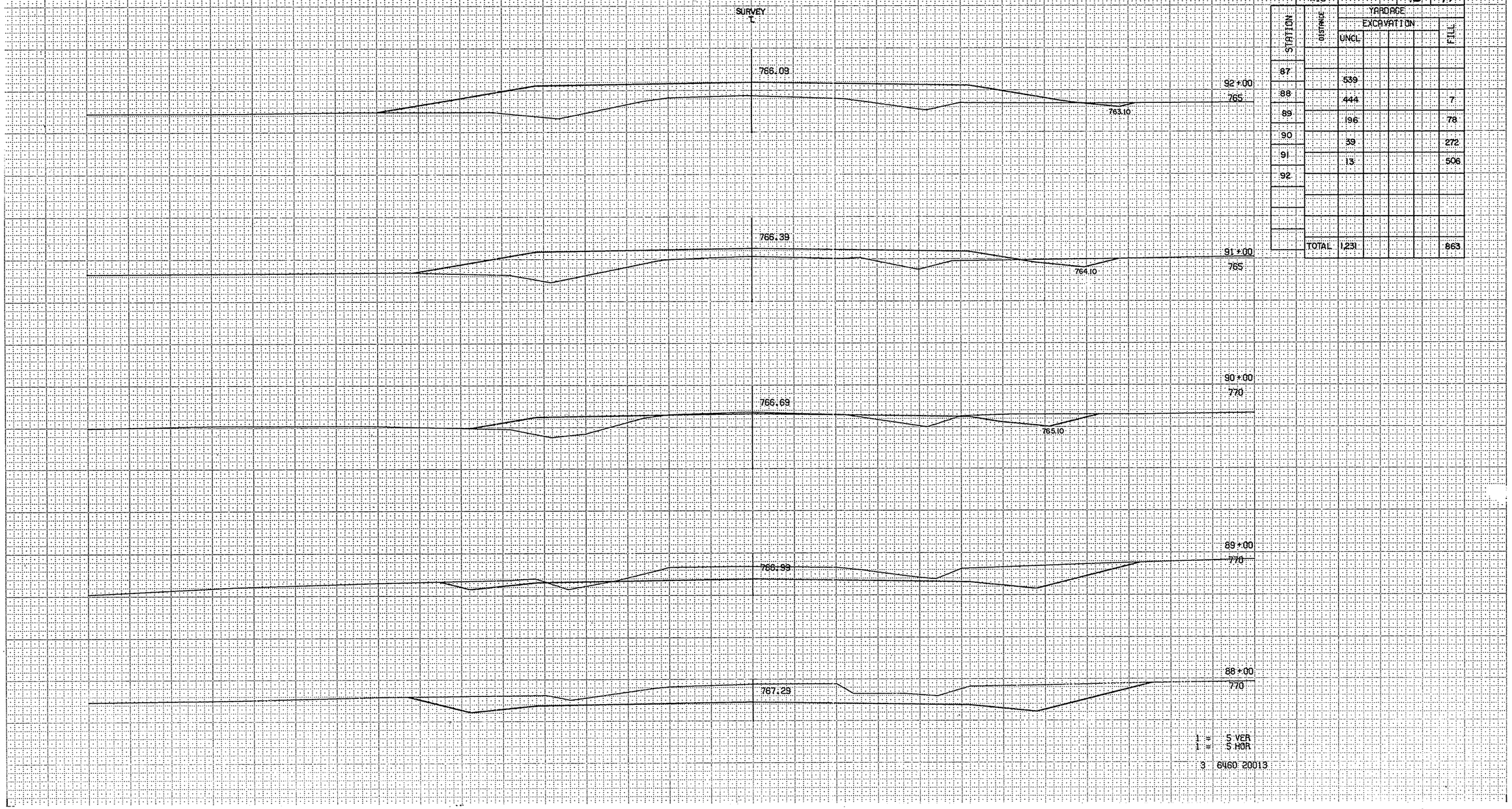
1 = 5 VER
1 = 5 HOR

3 6460 20013

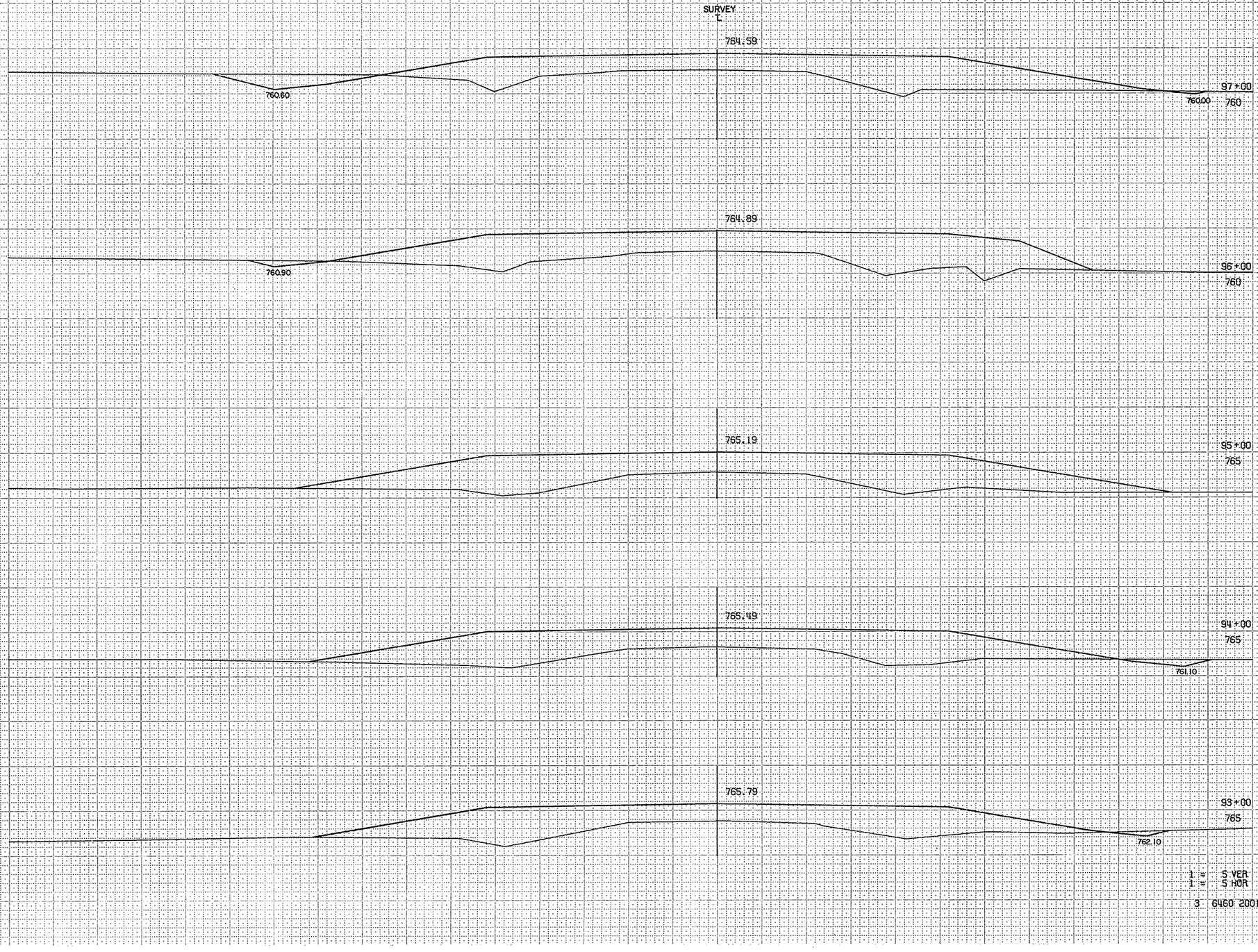
30/76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	45	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
87	539		
88	444		7
89	196		78
90	39		272
91	13		506
92			
TOTAL	1,231		863

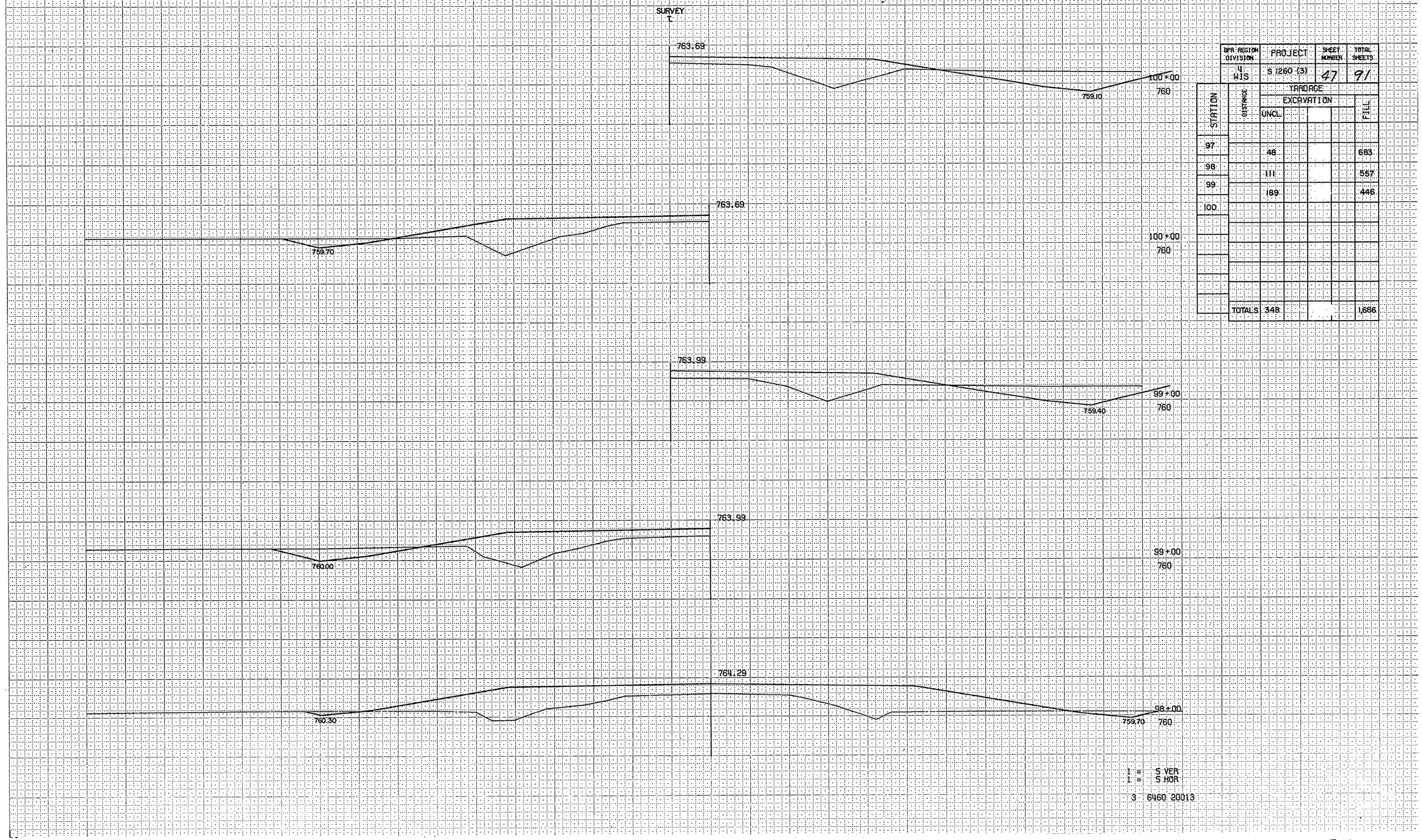


31/76



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	46	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
92		6				674
93		13				770
94		9				867
95		6				894
96		41				776
97						
	TOTALS	75				3,981



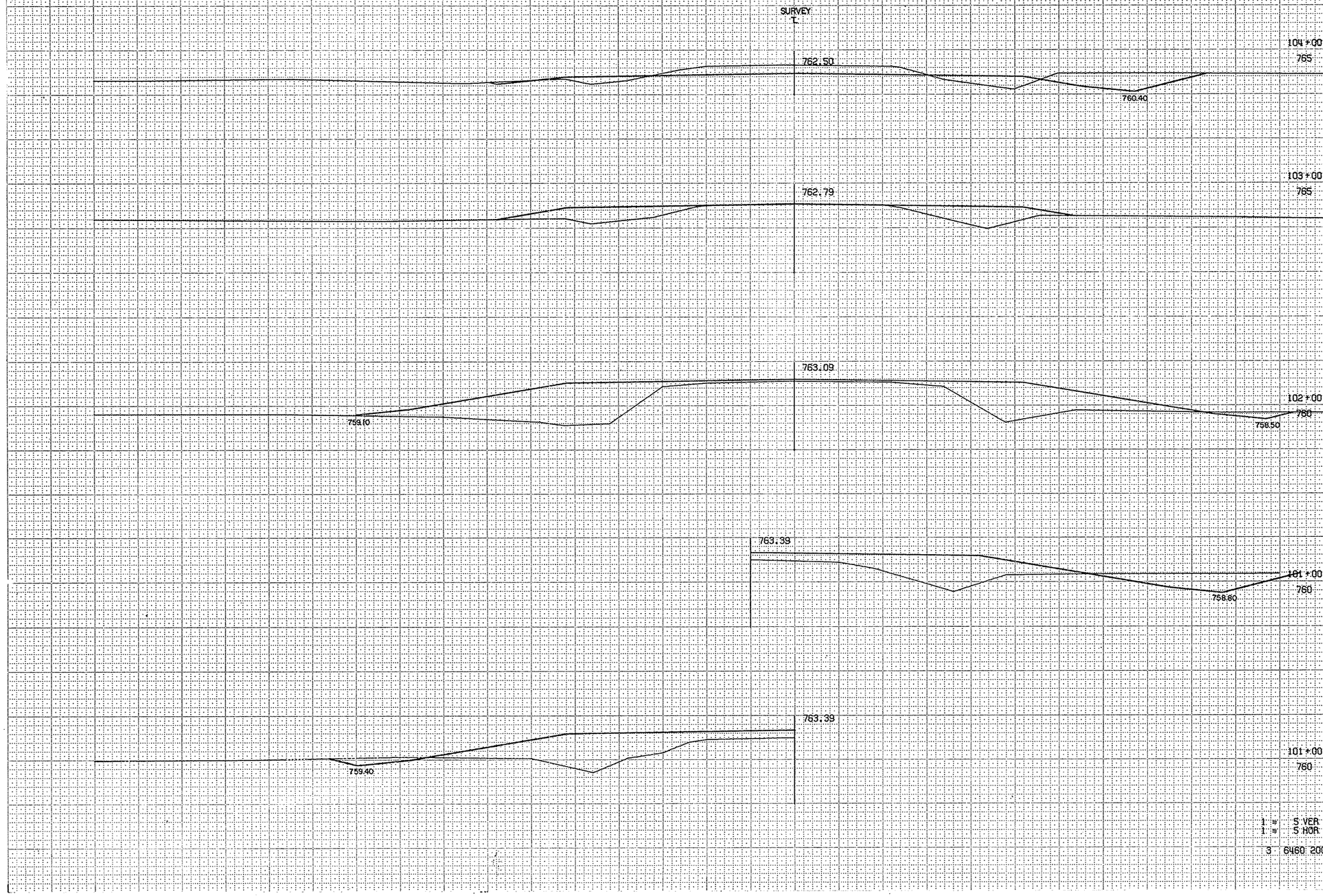
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
97						
98		48				683
99		111				557
100		189				446
TOTALS		348				1,686

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

1 = 5 VER
1 = 5 HOR

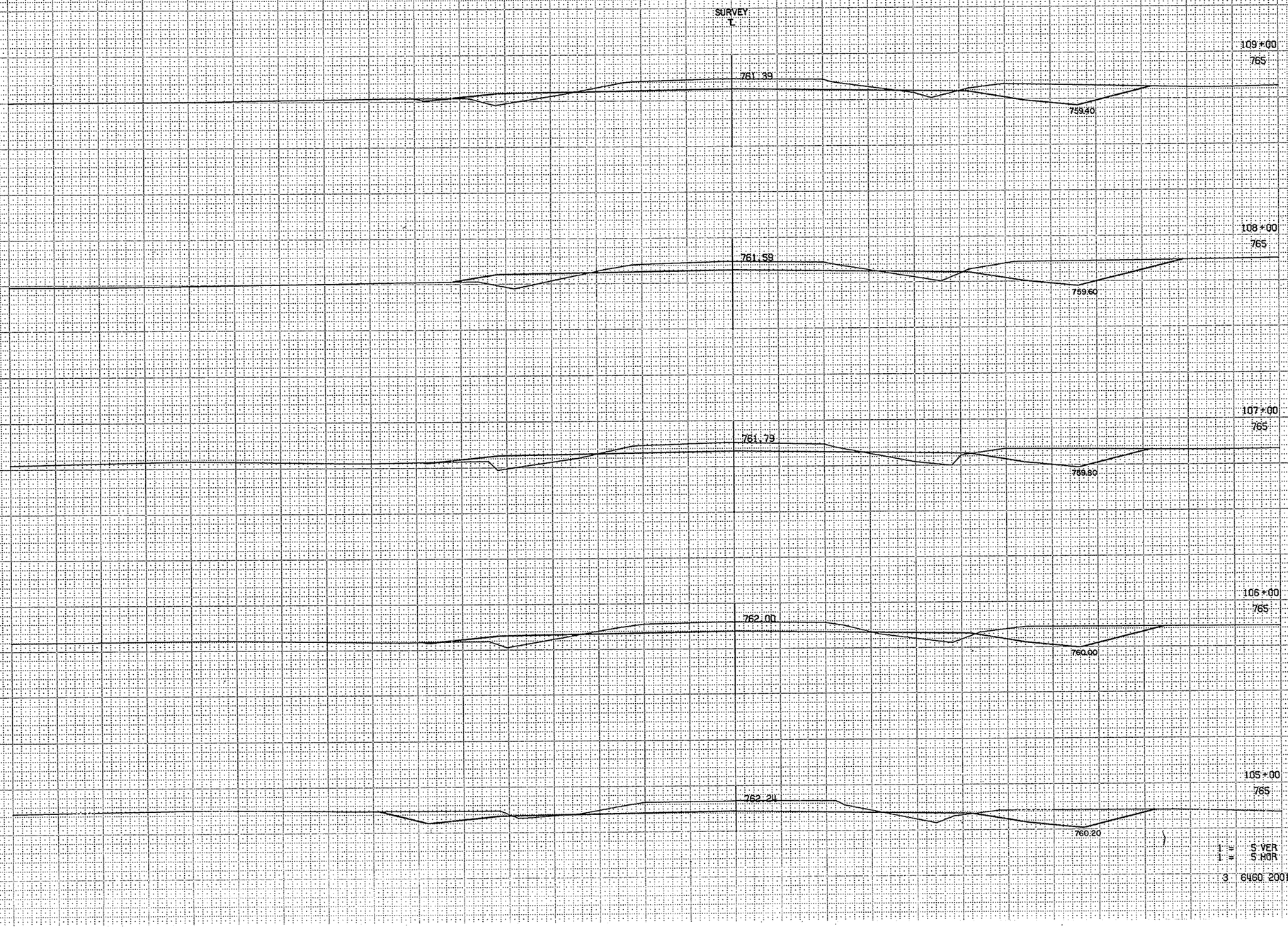
3 6460 20013

33/76



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

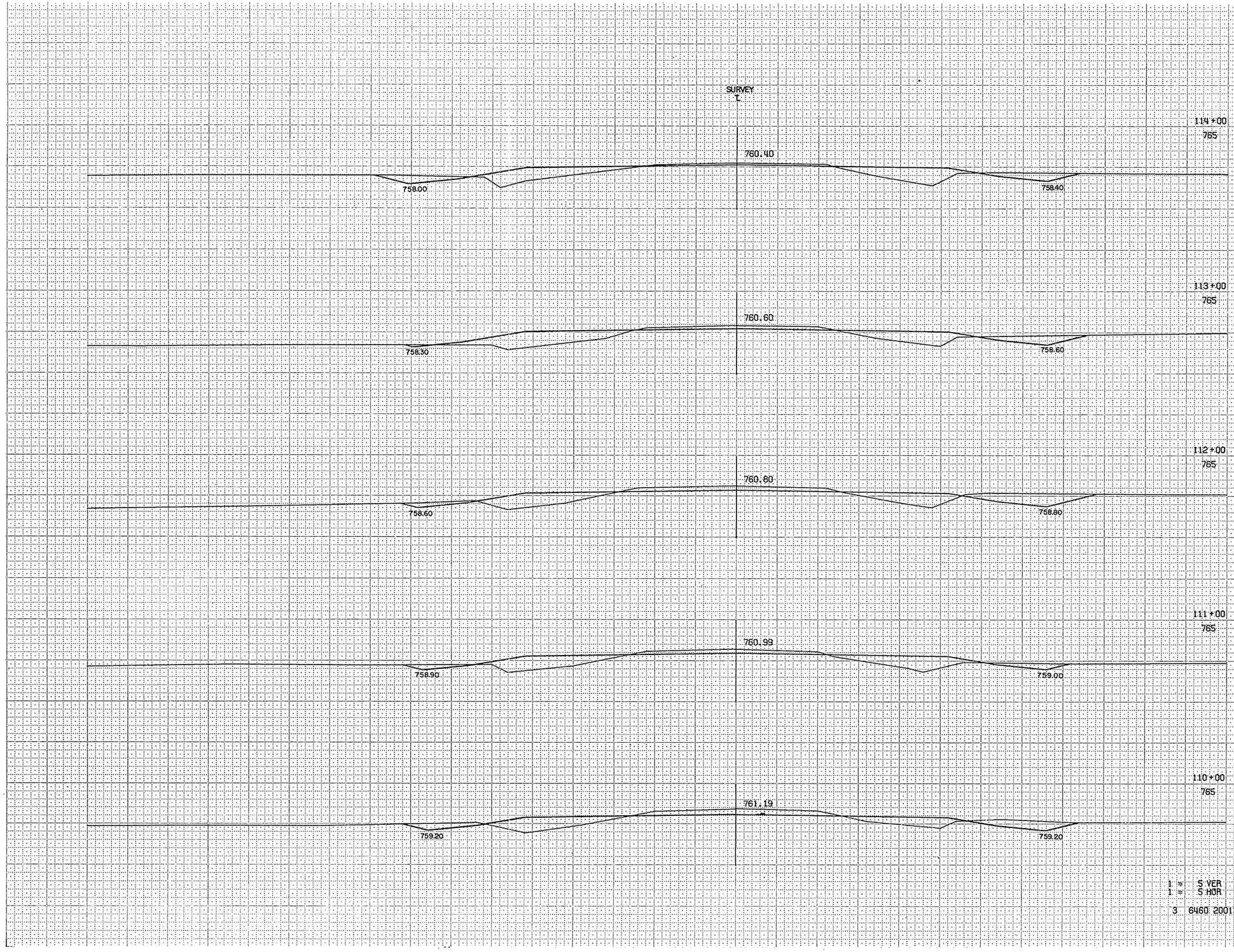
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
100		152				491
101		69				563
102		7				387
103		93				120
104						
	TOTALS	321				1,561



BPR: REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	49	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
104			
		215	41
105			
		222	39
106			
		183	67
107			
		196	70
108			
		220	52
109			
	TOTALS	1036	269

5-5-76

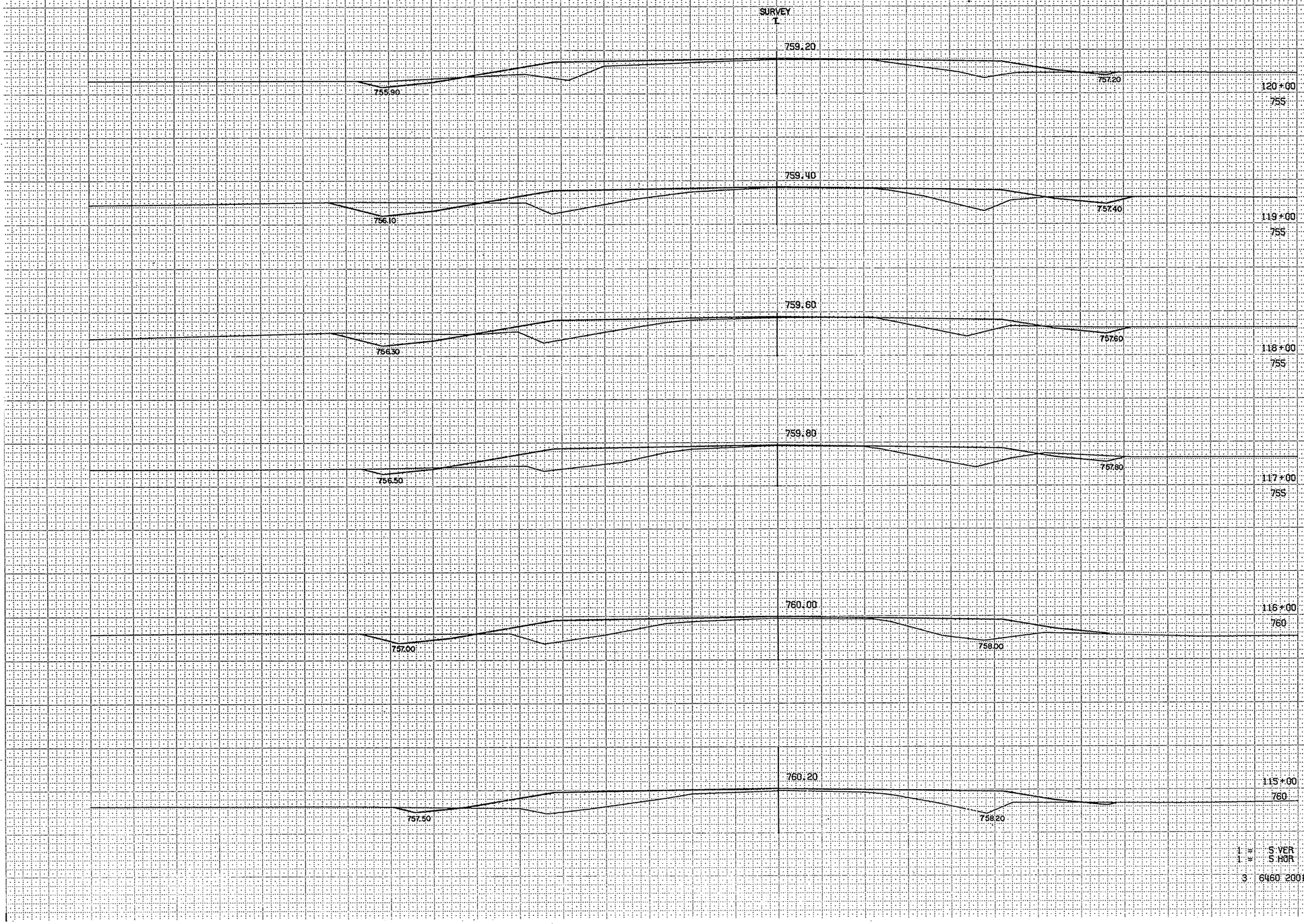


BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
Q WIS	S 1260 (3)	50	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
109		161	76
110		85	126
111		89	131
112		87	139
113		63	150
114			
	TOTALS	485	622

1 = 5 VER
1 = 5 HOR

3 6460 20013



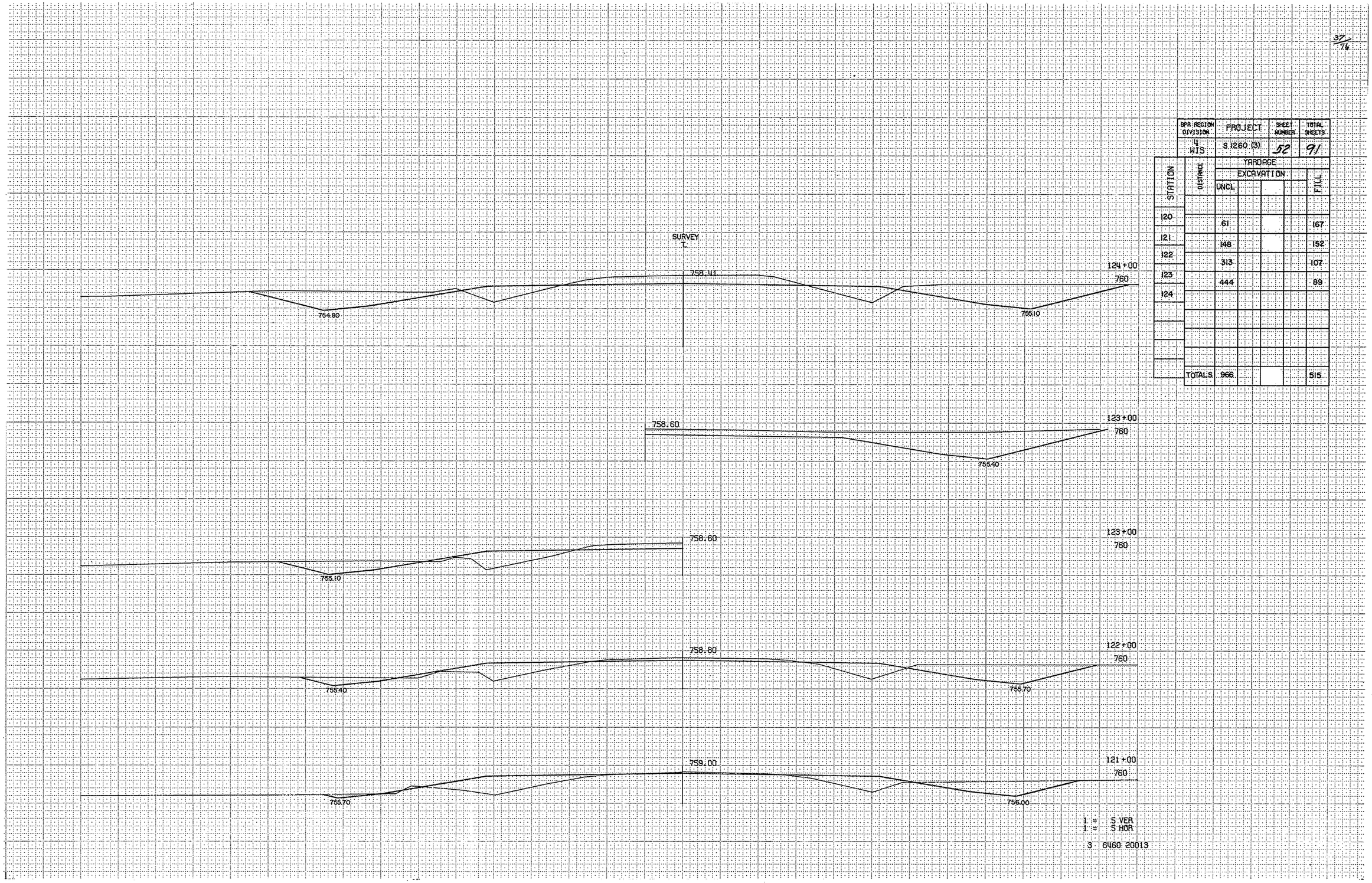
BPR REGION DIVISION		PROJECT		SHEET NUMBER	TOTAL SHEETS
4	WIS	S 1260 (3)		51	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
114		39				202
115		20				259
116		28				248
117		44				209
118		69				193
119		46				185
120						
	TOTALS	246				1,296

37/74

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

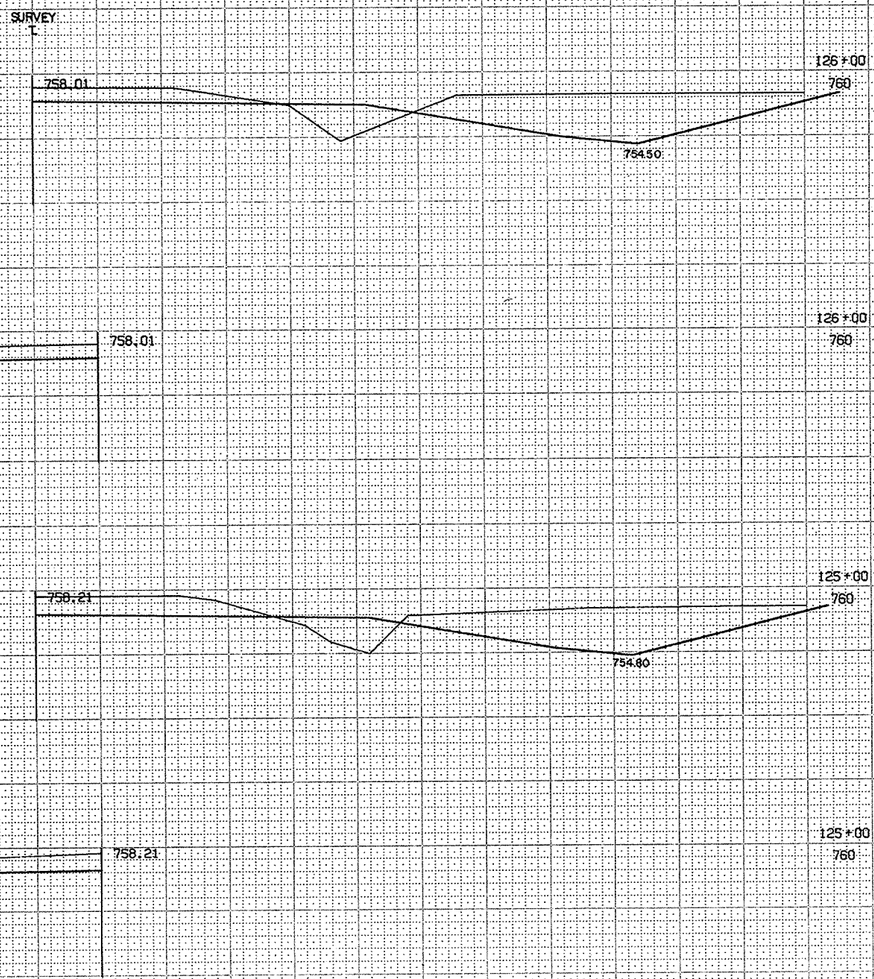
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
120		61				167
121		148				152
122		313				107
123		444				89
124						
	TOTALS	966				515



38/74

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	53	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL					FILL
124		513					111
125		569					117
126							
TOTAL		1082					228



1 = 5 VER
1 = 5 HOR

3 6460 20013

33

39/76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	54	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
126						
+85		401				112
127		71				20
TOTALS		472				132

1 = 5 VER
1 = 5 HOR

3 6460 20013

40/75

SURVEY
℄

757.21

753.30

130+00
755

757.21

753.00

130+00
755

757.41

753.30

753.60

128+00
755

757.61

753.90

128+00
760

757.61

753.60

128+00
760

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
127						
		430				124
128						
		283				243
129		191				350
130						
TOTALS		904				717

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
5 WIS	S 1260 (3)	55	91

1 IN = 5 VER
1 IN = 5 HOR

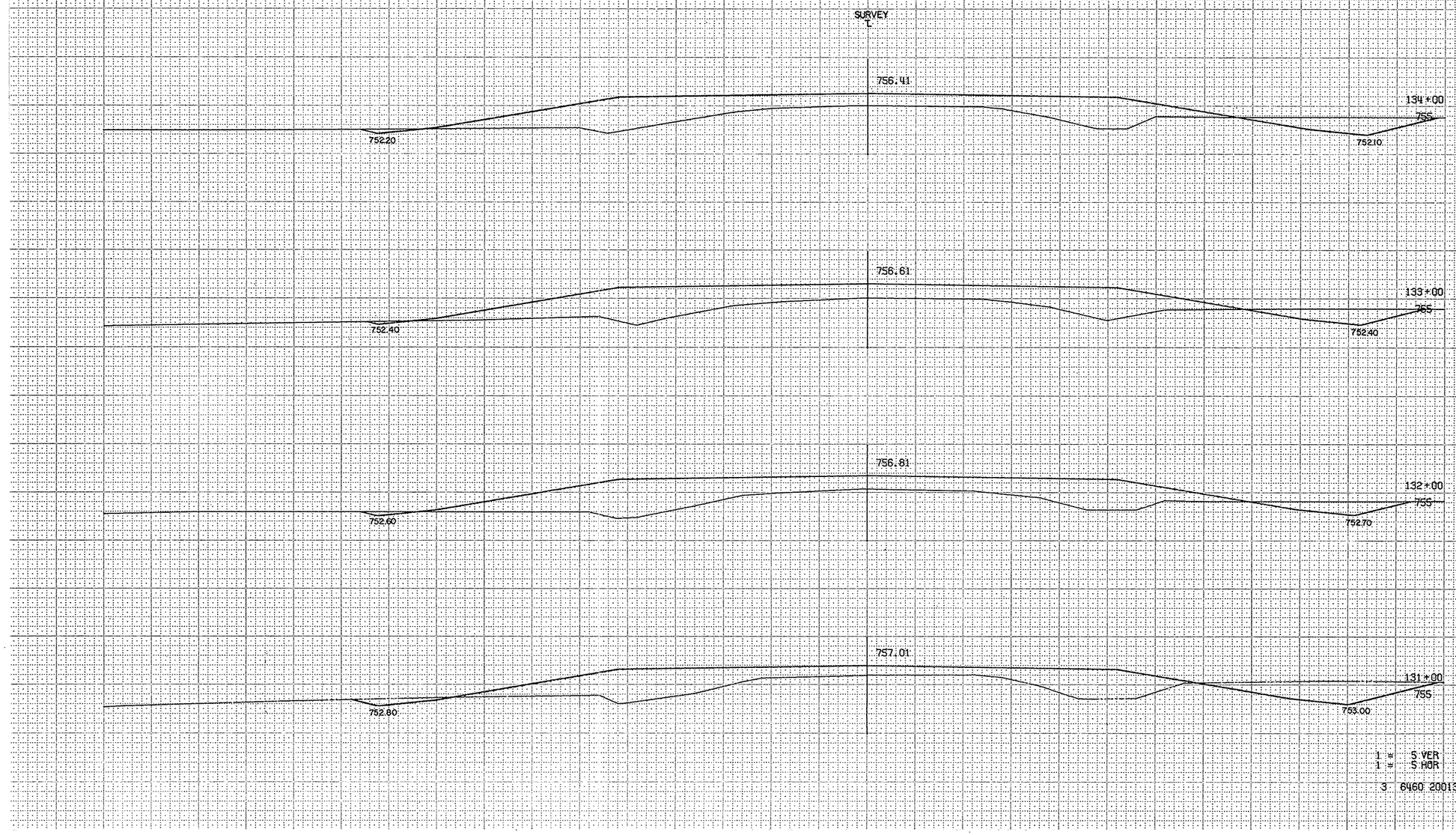
3 6460 20013

34

41/76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	56	91

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



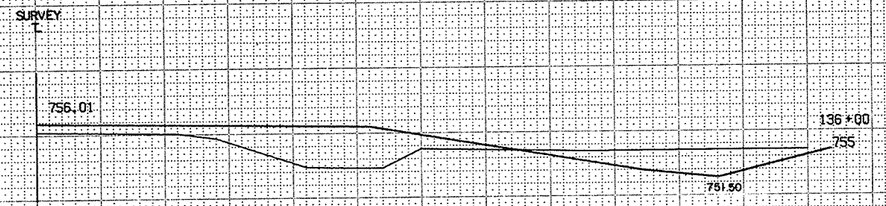
1 = S VER
1 = S HOR

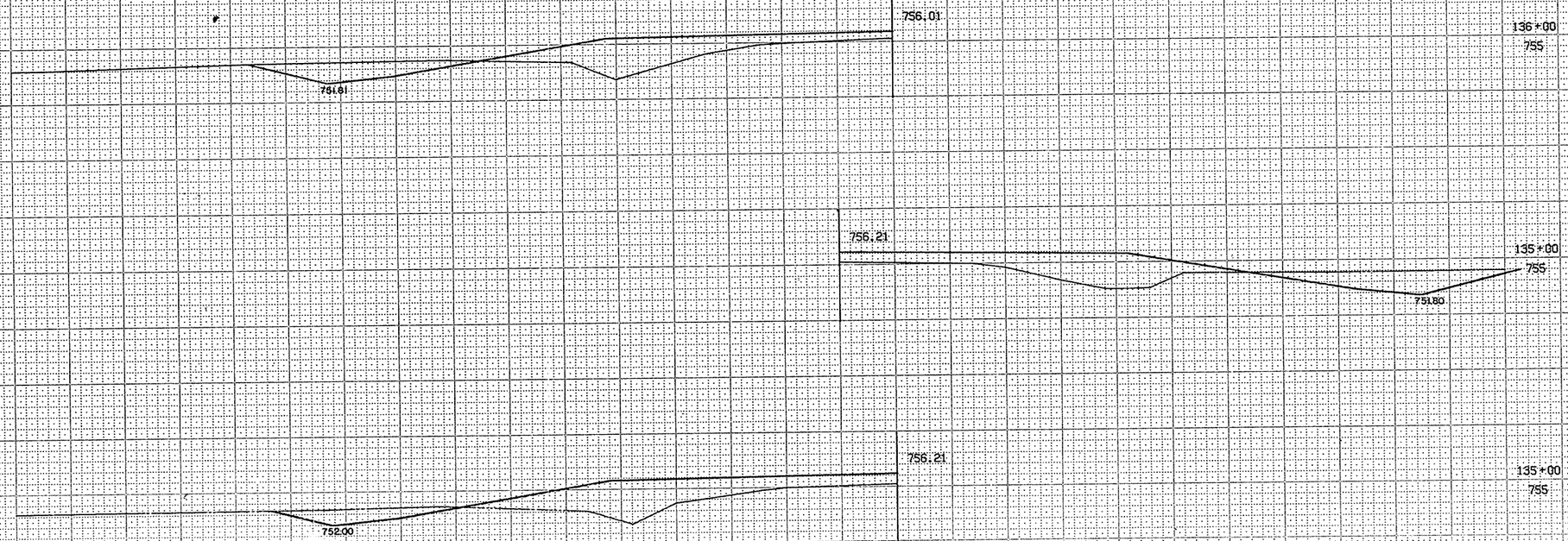
3 6460 20013

42/76

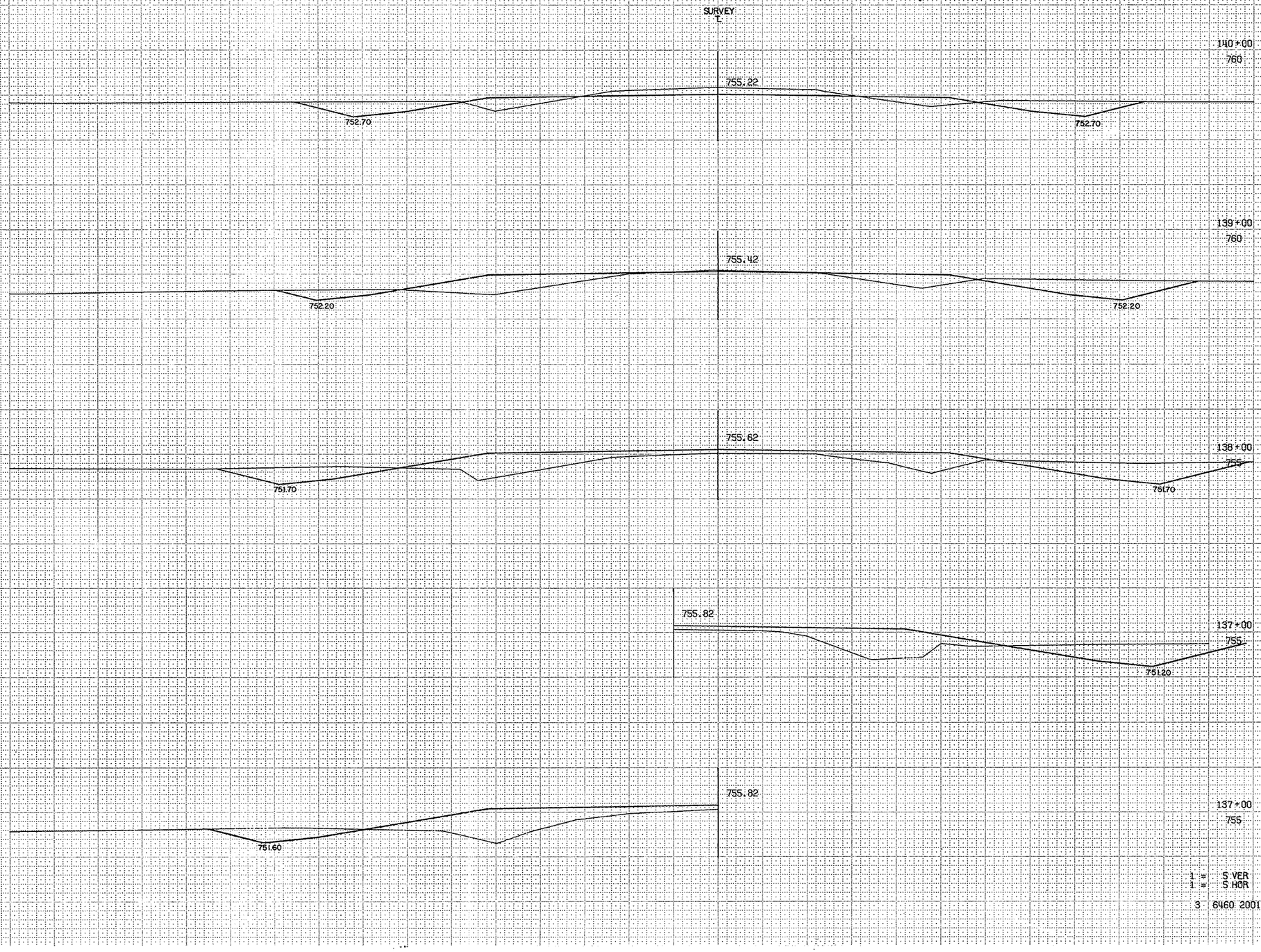
BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	57	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
134						
		120				494
135						
		172				424
136						
	TOTALS	292				918





43/74



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260(3)	58	91

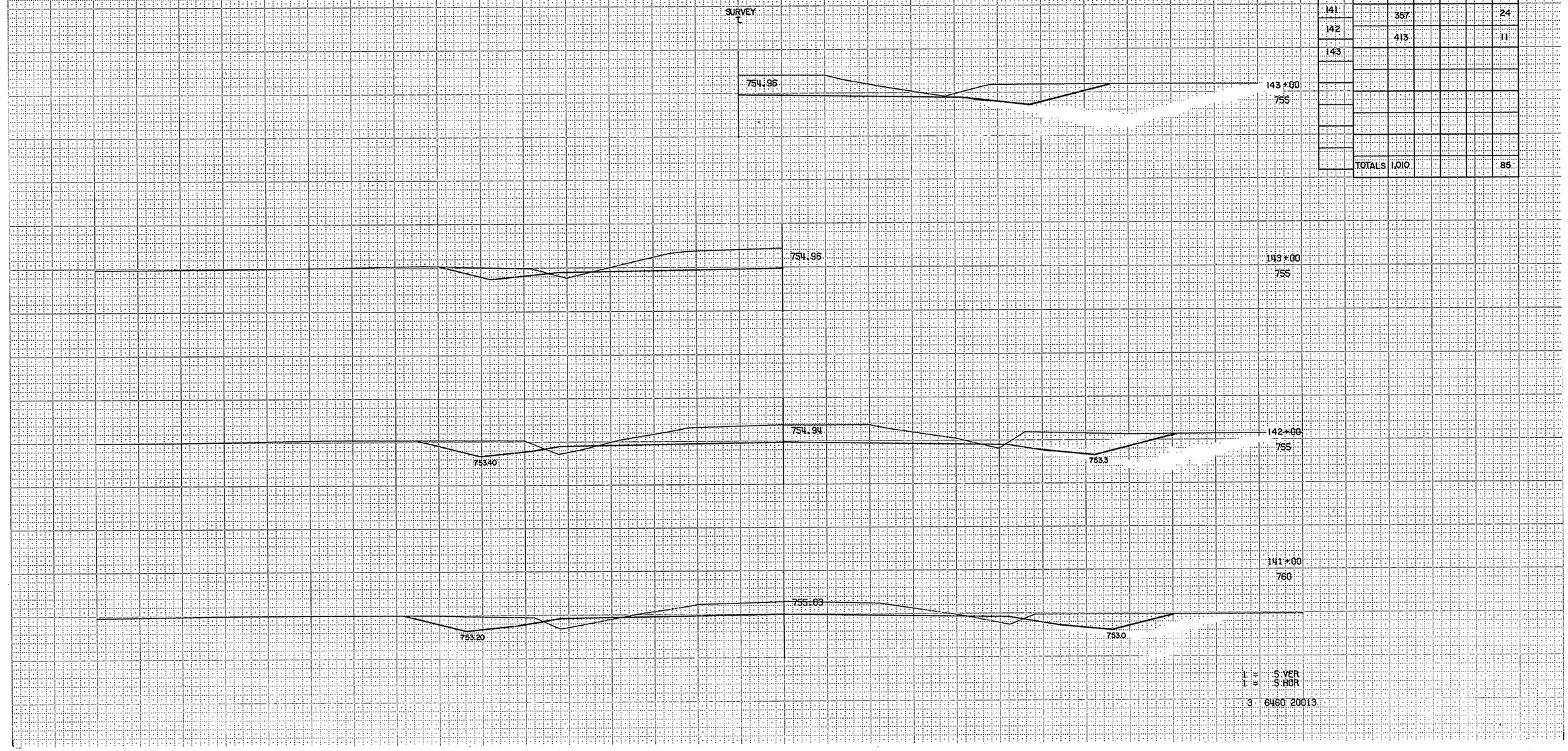
STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
136		91				406
137		204				337
138		81				215
139		174				117
140						
TOTALS	750					1,075

1 = S VER
1 = S HOR

3 6460 20013

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	59	91

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

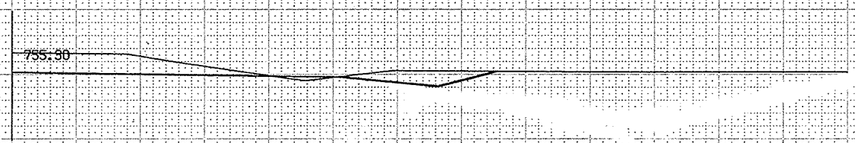


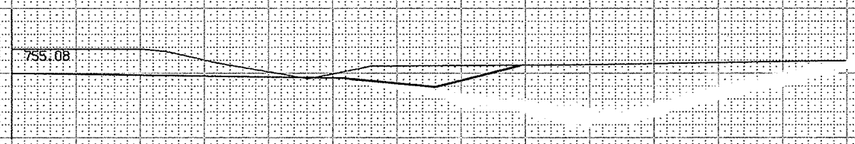
45/76

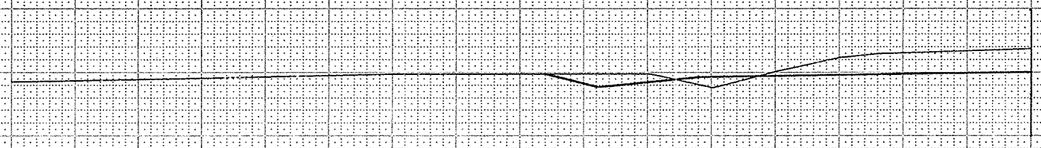
BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260(3)	60	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
143						
		354				9
144						
		255				22
145						
TOTALS		609				31

SURVEY
"L"

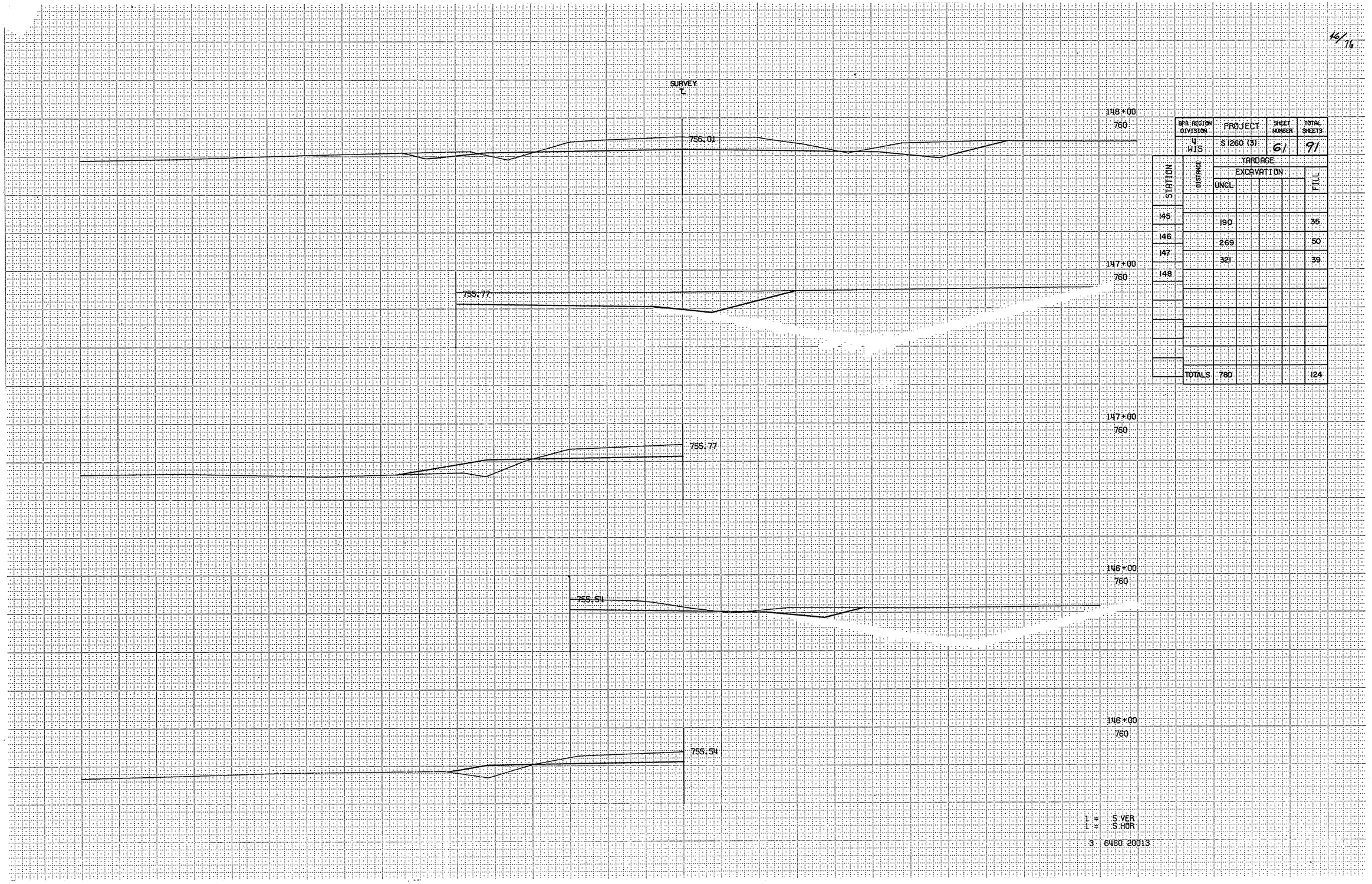






1 = S VER
1 = S HOR

3 6460 20013



BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
U WIS	S 1260 (3)	61	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					FILL
145		190					35
146		269					50
147		321					39
148							
TOTALS	760						124

1 = S VER
1 = S HOR
3 6460 20013

47/76

SURVEY
T.

154+00
760
757.41

153+00
760
757.17

152+00
760
756.94

151+00
760
756.71

150+00
760
756.47

149+00
760
756.24

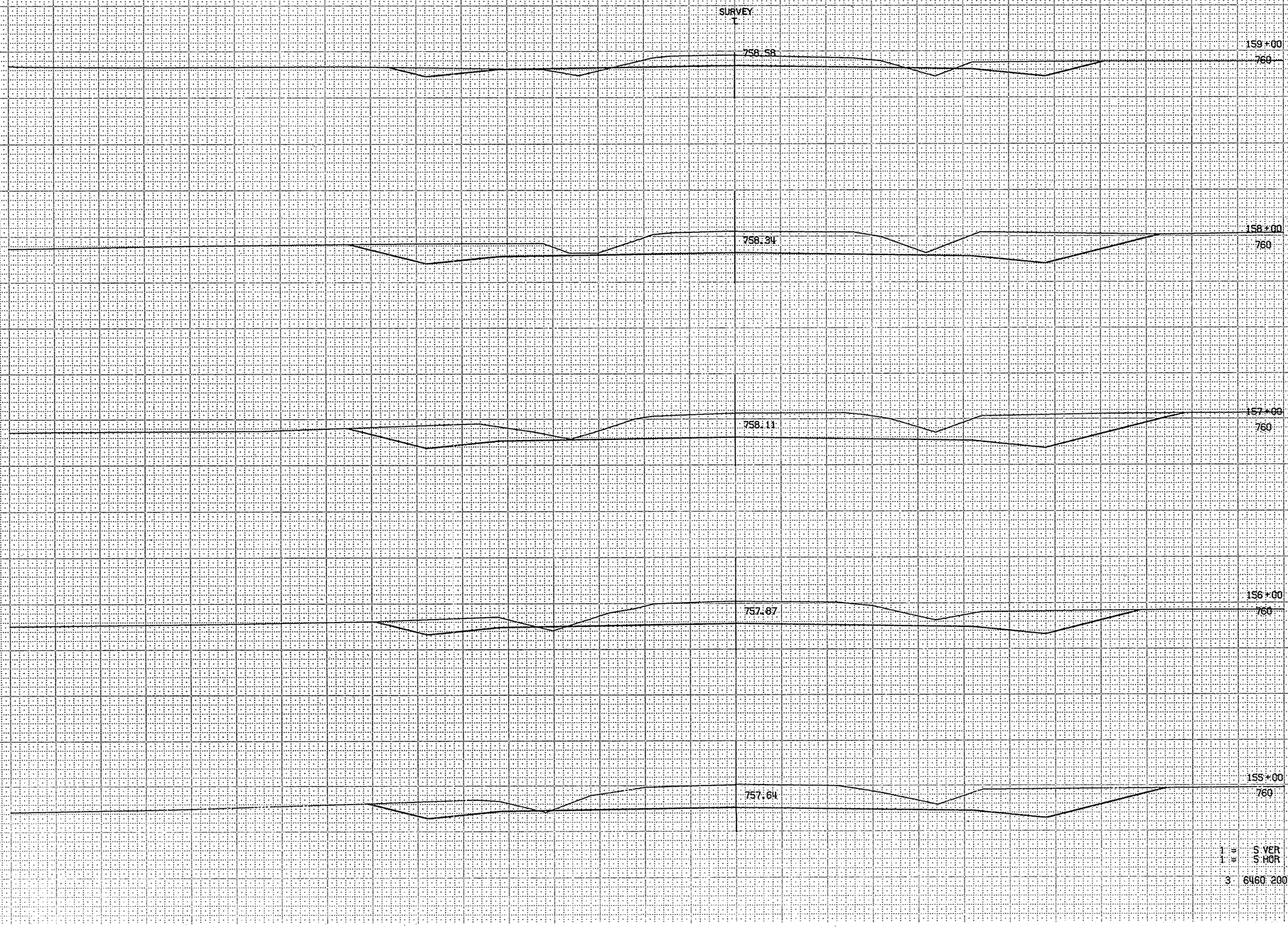
BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	62	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
148		311	13
149		369	7
150		457	2
151		504	
152		463	2
153		478	2
154			
	TOTALS	2,582	26

1 = 5 VER
1 = 5 HOR

3 6460 20013

48/76



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	63	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					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
℄

760.01

164+00
760

759.71

163+00
755

759.41

162+00
755

759.11

161+00
755

758.83

160+00
755

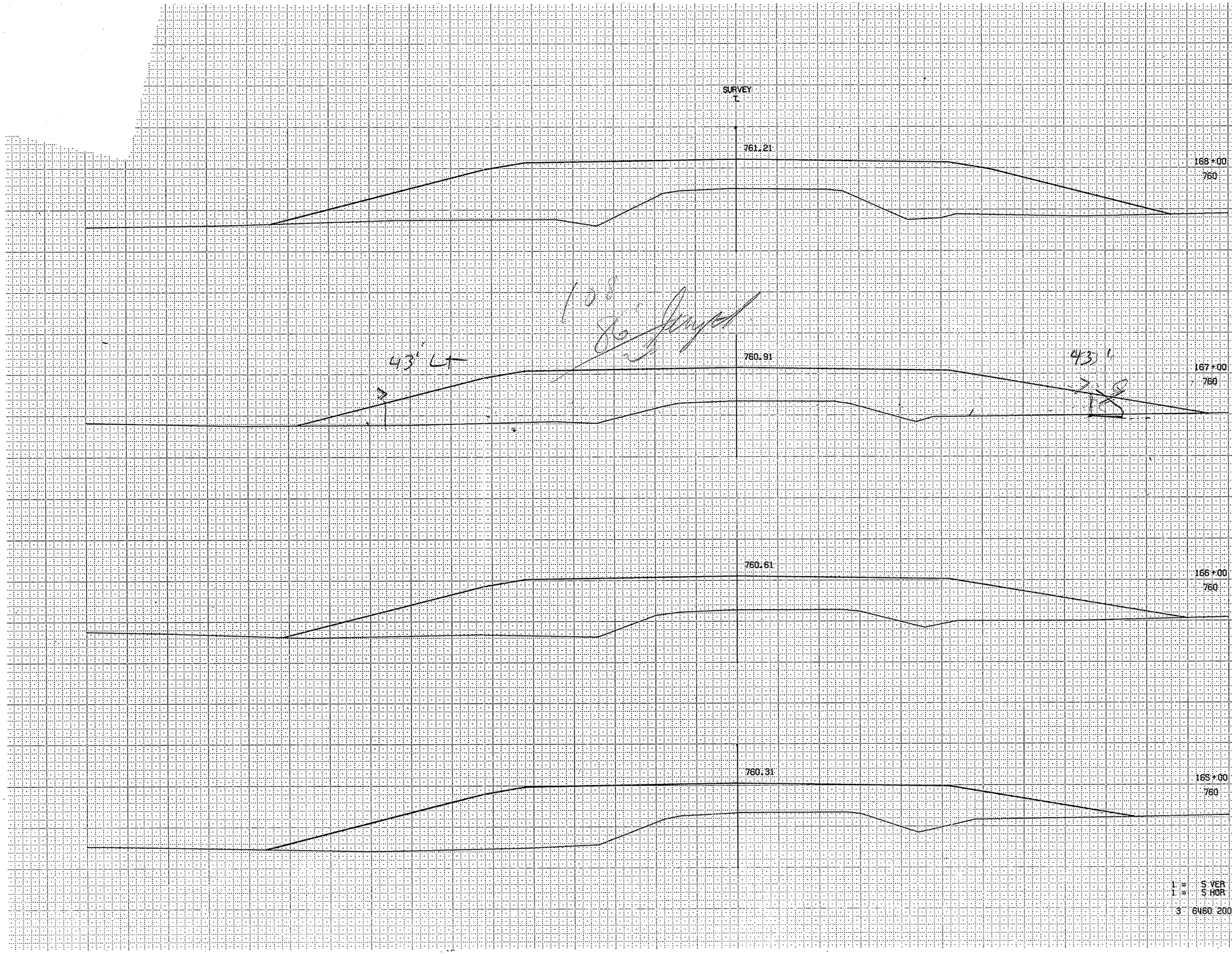
1 = 5 VER
1 = 5 HOR

3 6460 20013

BPR: REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
11 WIS	S.1260 (3)	64	91

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

59/76



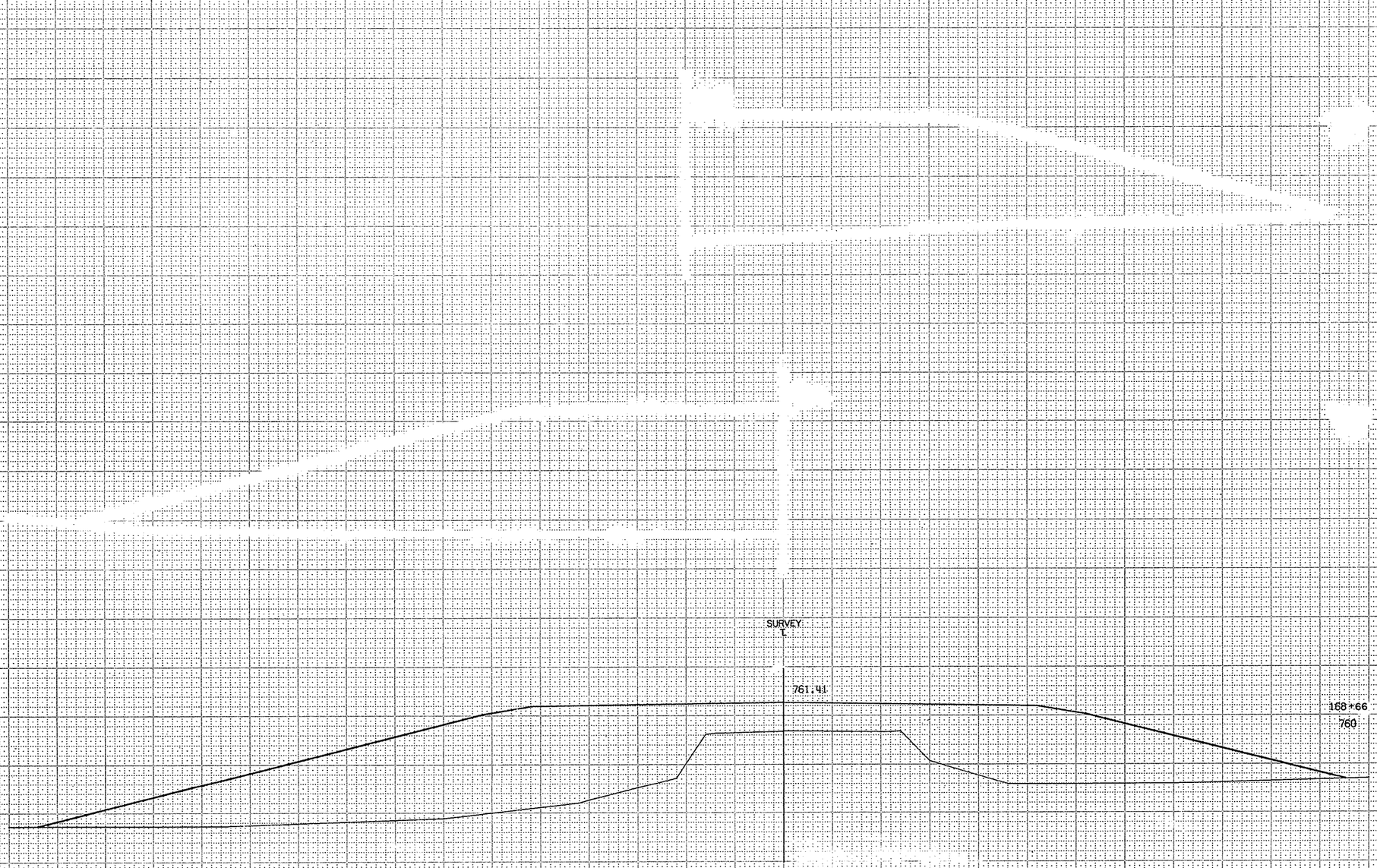
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	65	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
164			1,457
165			1,624
166			1,656
167			1,691
168			
TOTALS			6,428

51/16

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	66	91

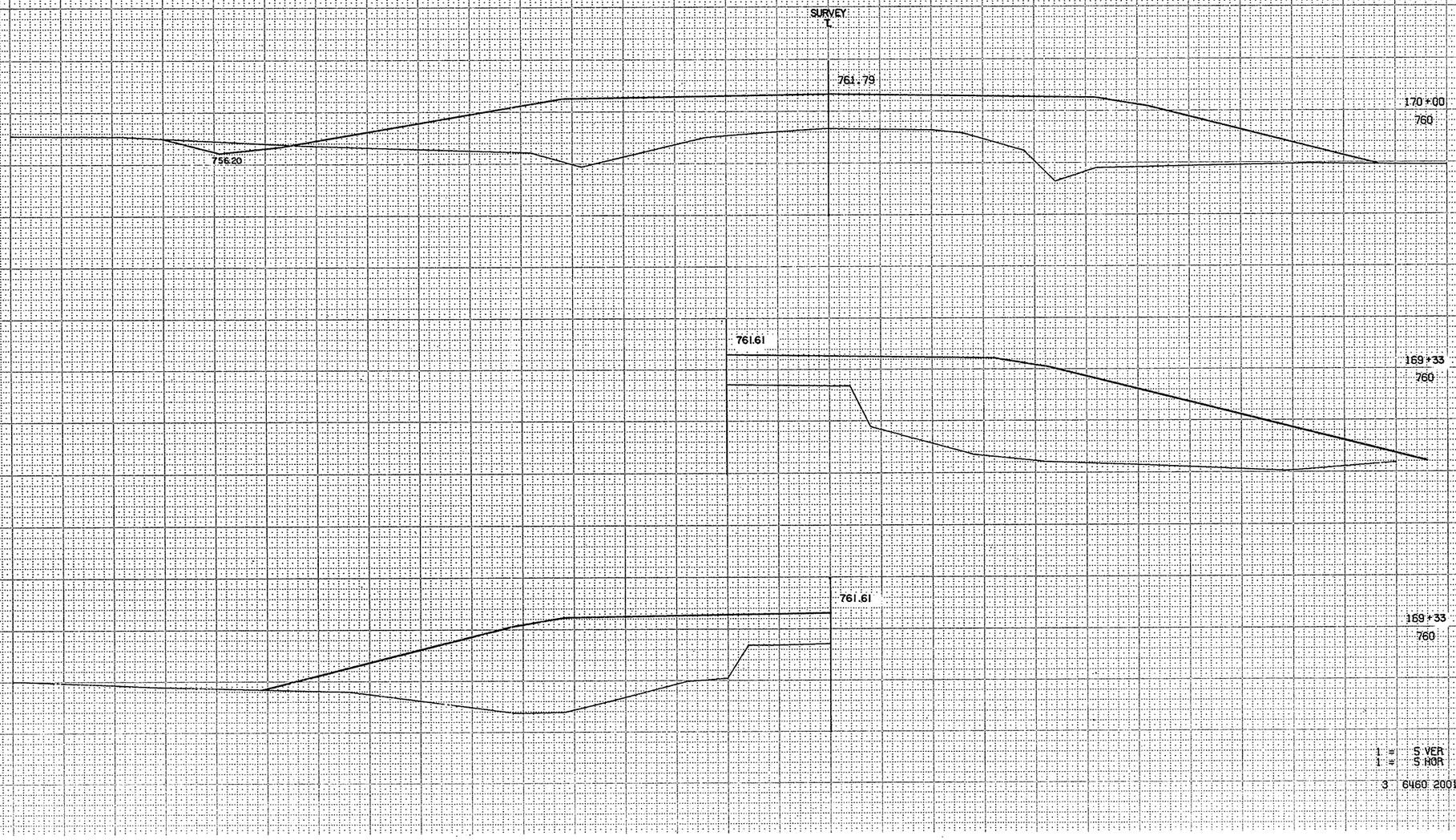
STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
168						1,485
+66						
TOTALS						1,485



3 6460 20013

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	67	91

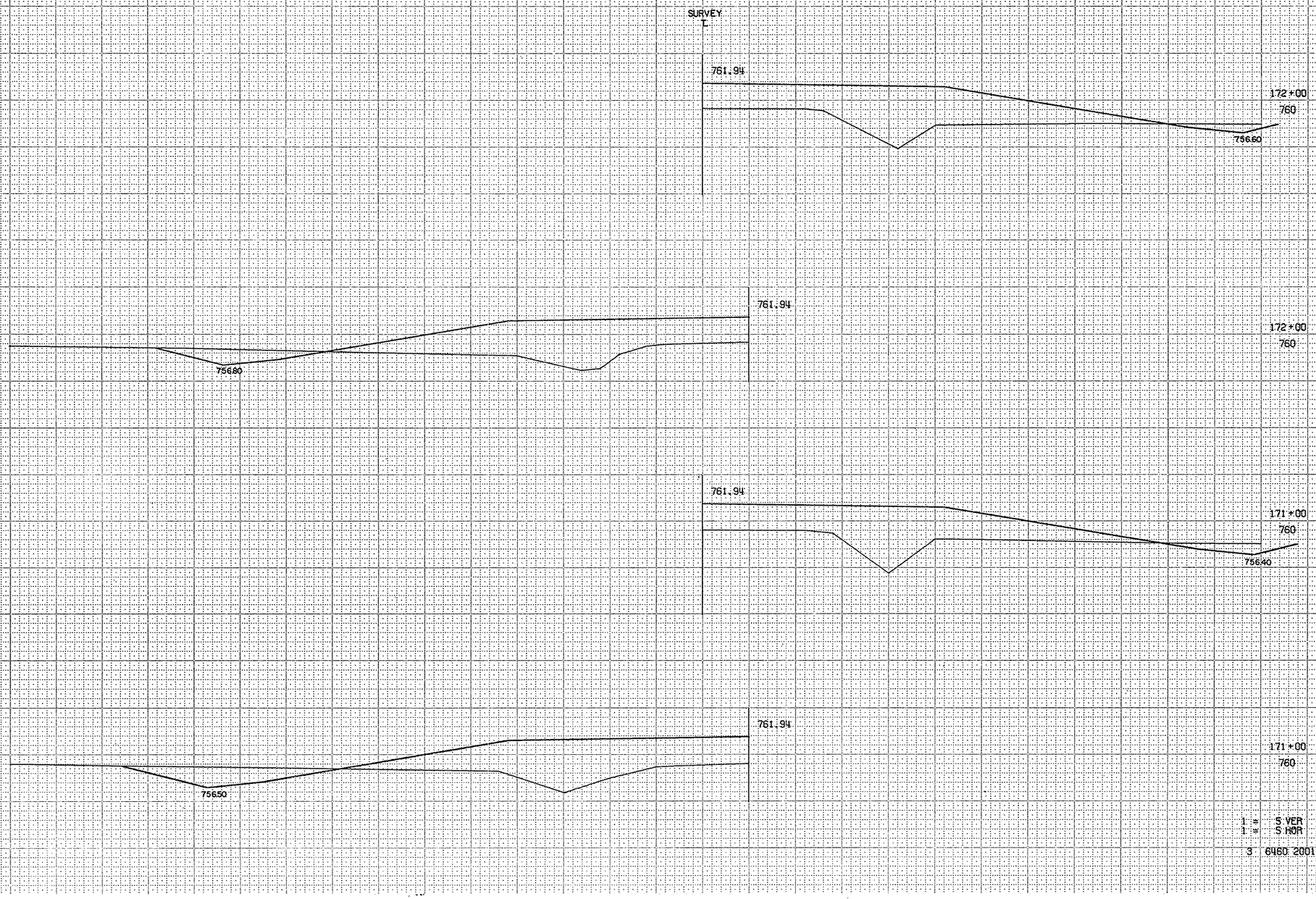
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
168 +66			394
169 +33	10		1,340
170			
TOTALS	10		1,734



53/76

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

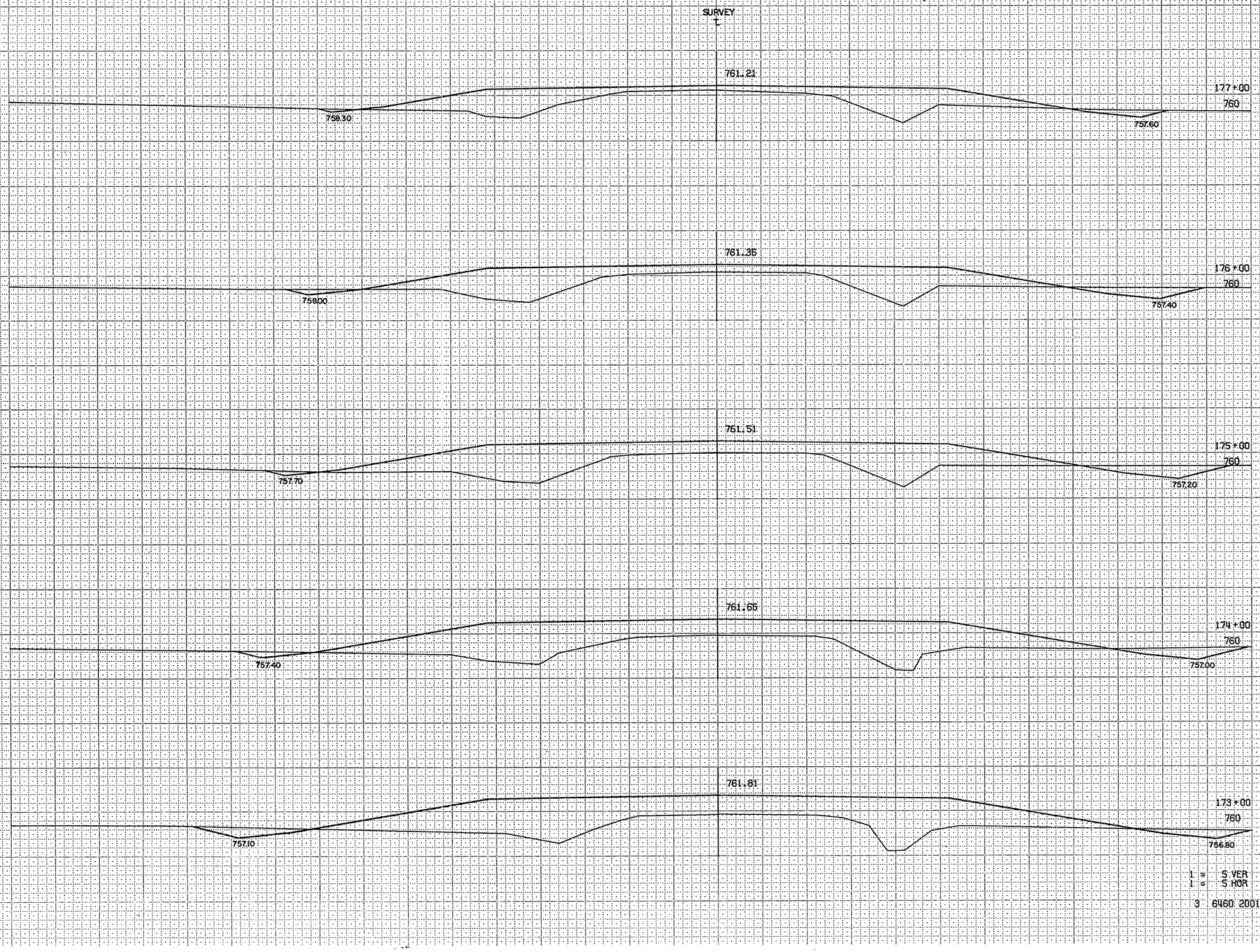
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.			FILL
170		83			1,256
171		113			1,017
172					
TOTALS		196			2,273



1 = 5 VER
1 = 5 HOR

3 6460 20013

54/76



BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	69	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
172		72				952
173		54				833
174		54				713
175		54				565
176		37				444
177						
TOTALS	271					3,517

41

55/76

SURVEY
℄

182+00
765

761.13
759.80
759.80

181+00
765

760.91
759.50
759.20

180+00
765

760.83
759.20
758.60

179+00
765

760.91
758.90
758.00

178+00
760

761.06
758.60
757.80

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	70	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
177		57	344
178		48	246
179		35	193
180		74	143
181		117	102
182			
TOTALS		311	1,028

1 = 5 VER
1 = 5 HOR

3 6460 20013

SURVEY
℄

188+00
770

765.55

764.44

187+00
765

763.48

186+00
765

762.67

185+00
765

762.01

184+00
765

761.49

183+00
765

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

STATION	DISTANCE	YARDAGE EXCAVATION UNCL					FILL
182							
		126					89
183							
		122					81
184							
		83					104
185							
		57					131
186							
		59					137
187							
		46					143
188							
TOTALS		493					685

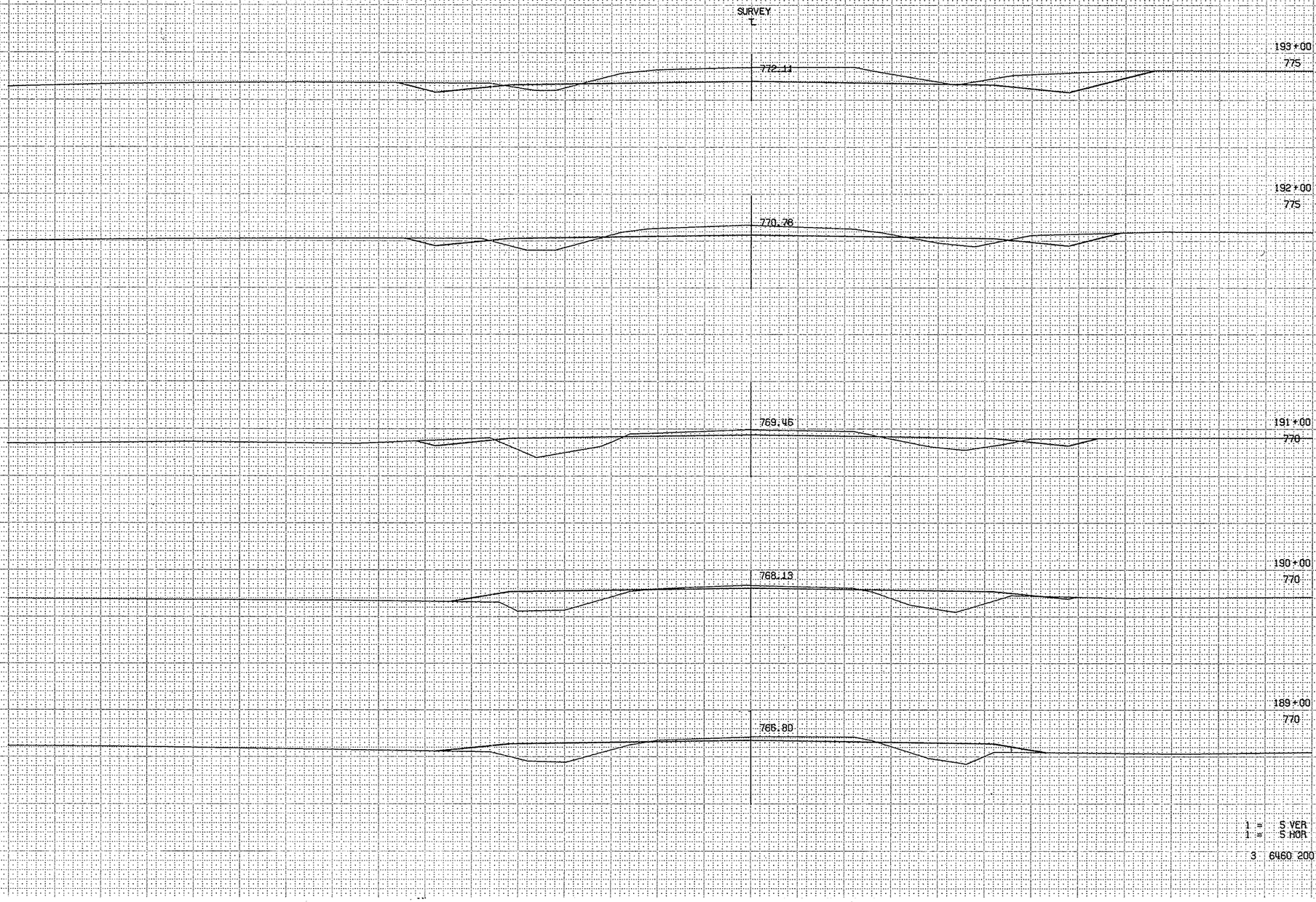
1 = 5 VER
1 = 5 HOR

3 6460 20013

57/76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S.1260(3)	72	91

SURVEY
℄

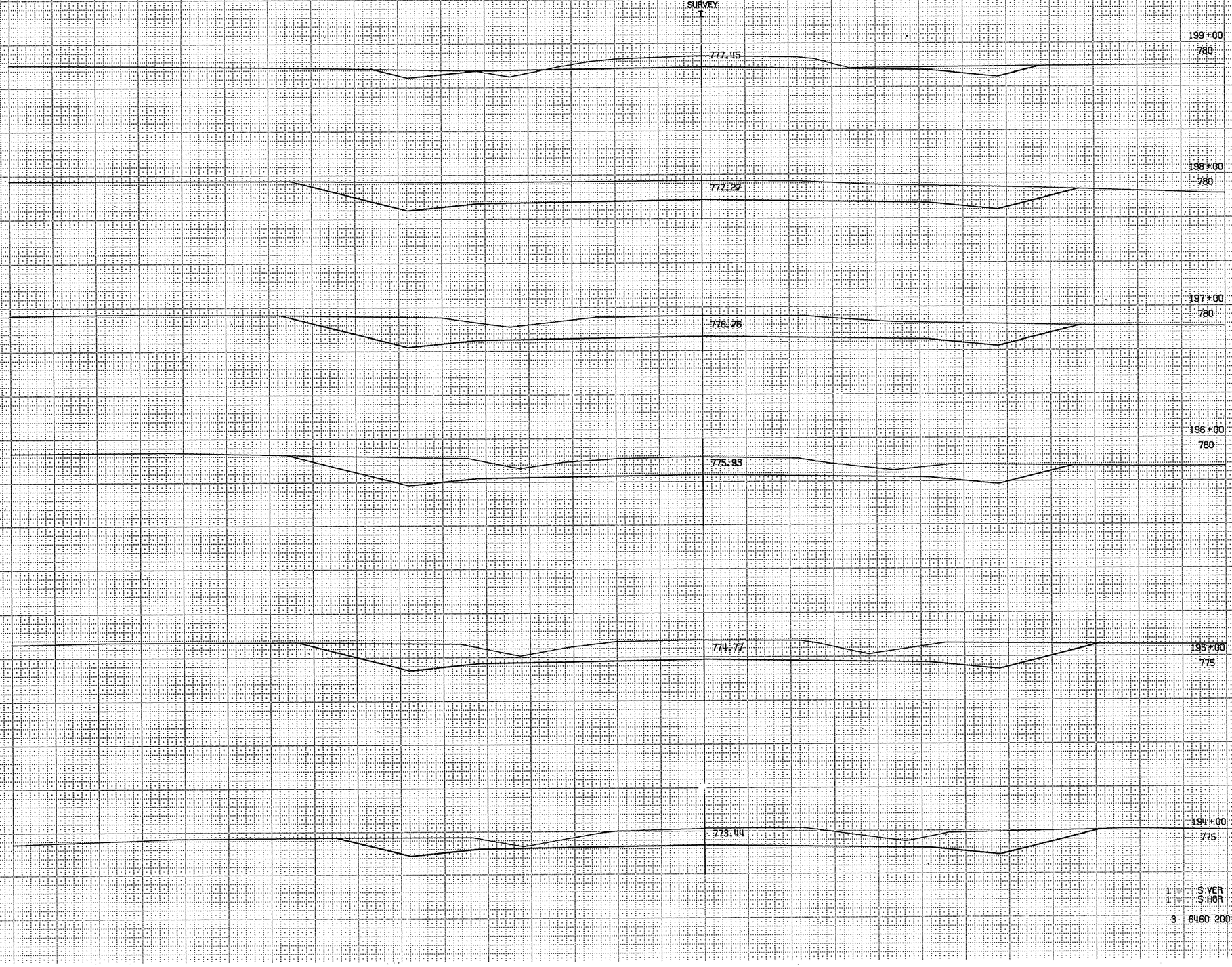


STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
188		28				157
189		24				165
190		44				137
191		104				81
192		209				37
193						
	TOTALS	409				577

1 = 5 VER
1 = 5 HOR

3 6460 20013

SURVEY

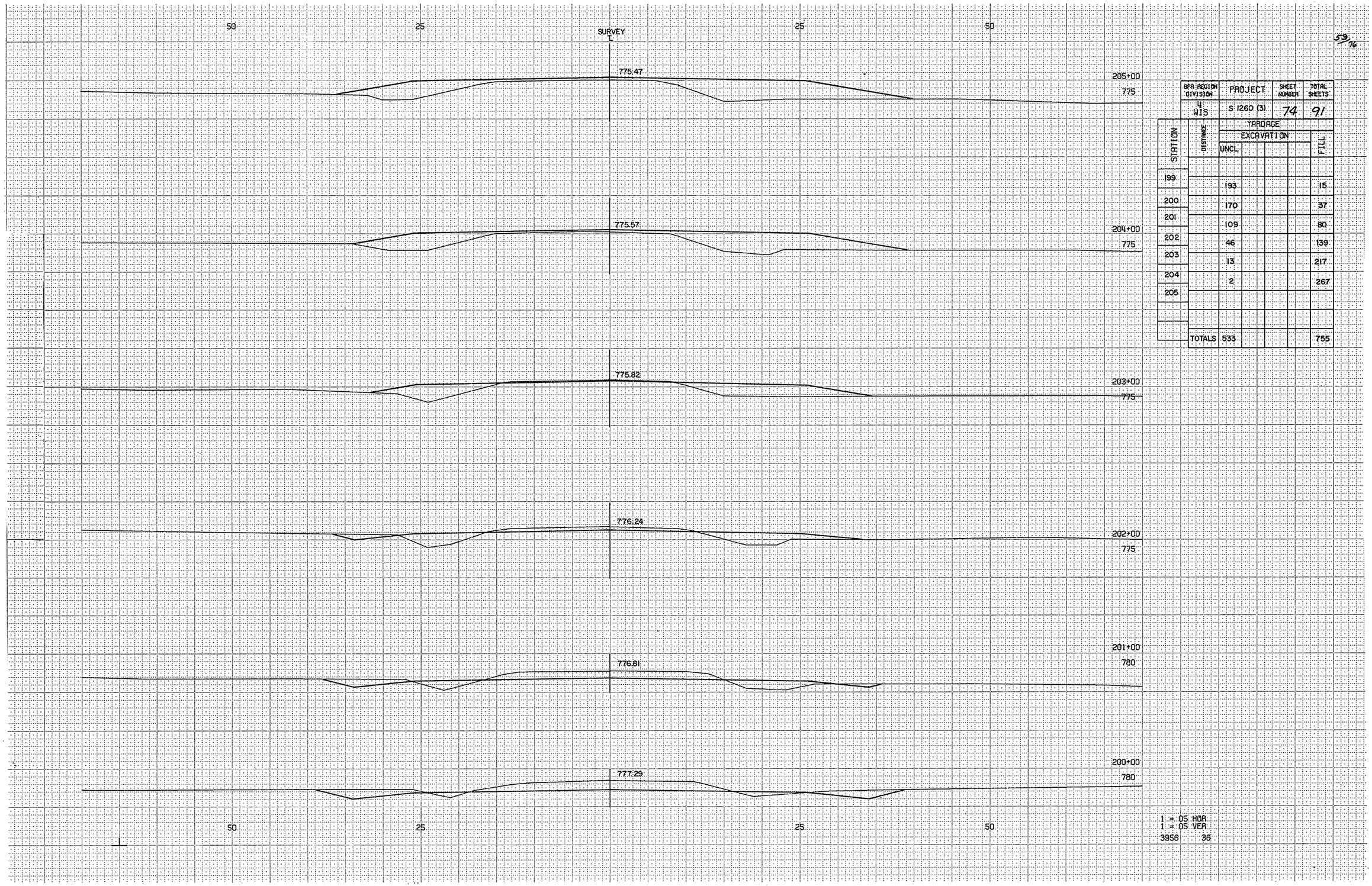


BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	73	91

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

1 = 5 VER
1 = 5 HOR

3 6460 20013



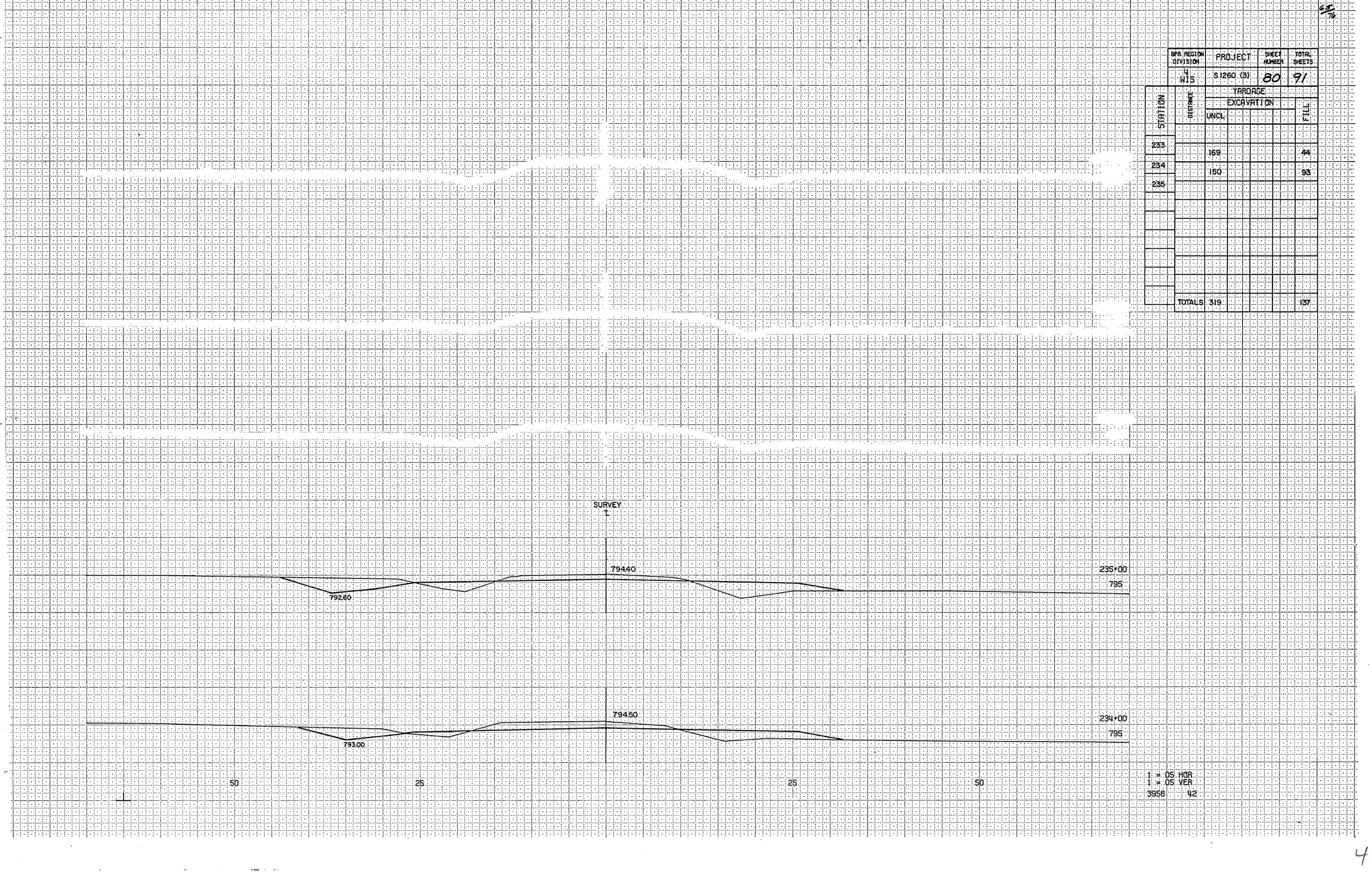
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
L WIS	S 1260 (3)	74	91

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

1 = 05 HOR
1 = 05 VER
3956 36

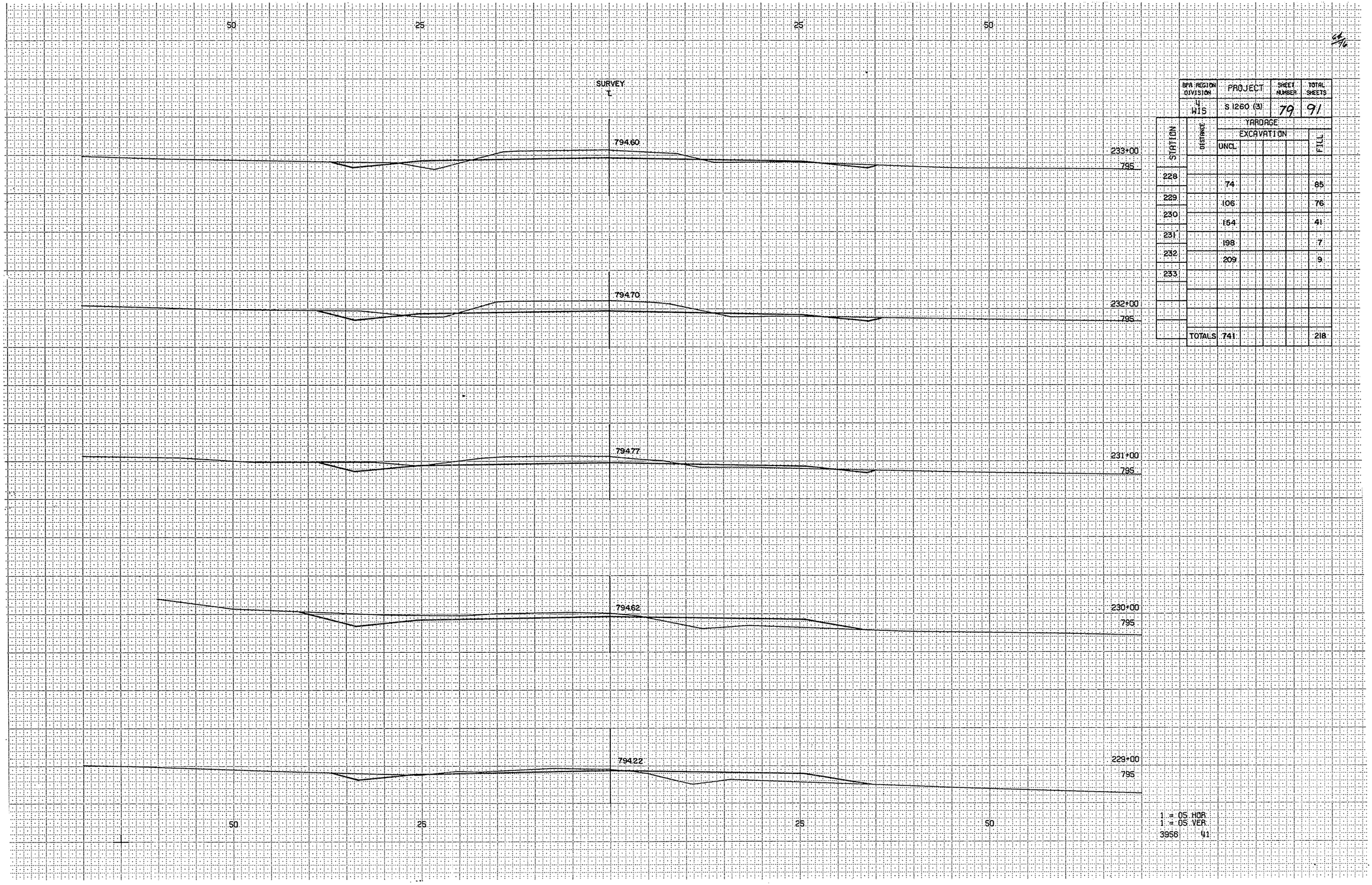
BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S1260 (3)	80	91

STATION	DESIG.	YARDAGE EXCAVATION UNCL.	FILL
233			
		169	44
234		150	93
235			
TOTALS		319	137



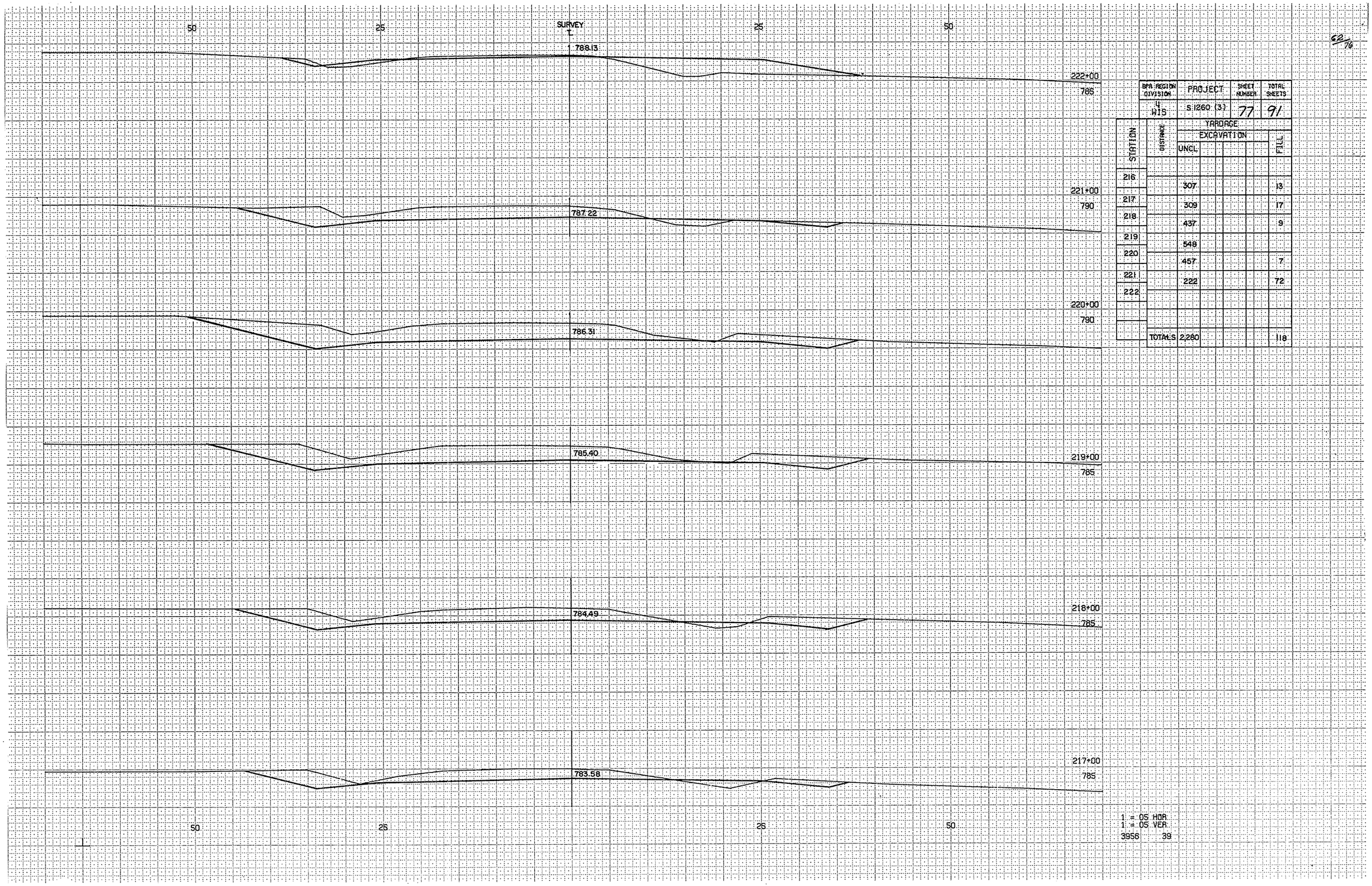
44

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
NW WIS	S 1260 (3)	79	91



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
228			
		74	85
229			
		106	76
230			
		154	41
231			
		198	7
232			
		209	9
233			
	TOTALS	741	218

1 = 05 HOR
1 = 05 VER
3956 41



BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 W15	S 1260 (3)	77	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
216			
		307	13
217			
		309	17
218			
		437	9
219			
		548	
220			
		457	7
221			
		222	72
222			
TOTALS		2,280	118

1 = 05 HOR
1 = 05 VER
3956 39

50 25 SURVEY 25 50

793.56 — 228+00 795

792.68 — 227+00 795

791.77 — 226+00 790

790.86 — 225+00 790

789.95 — 224+00 790

789.04 — 223+00 785

BPA REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	78	91

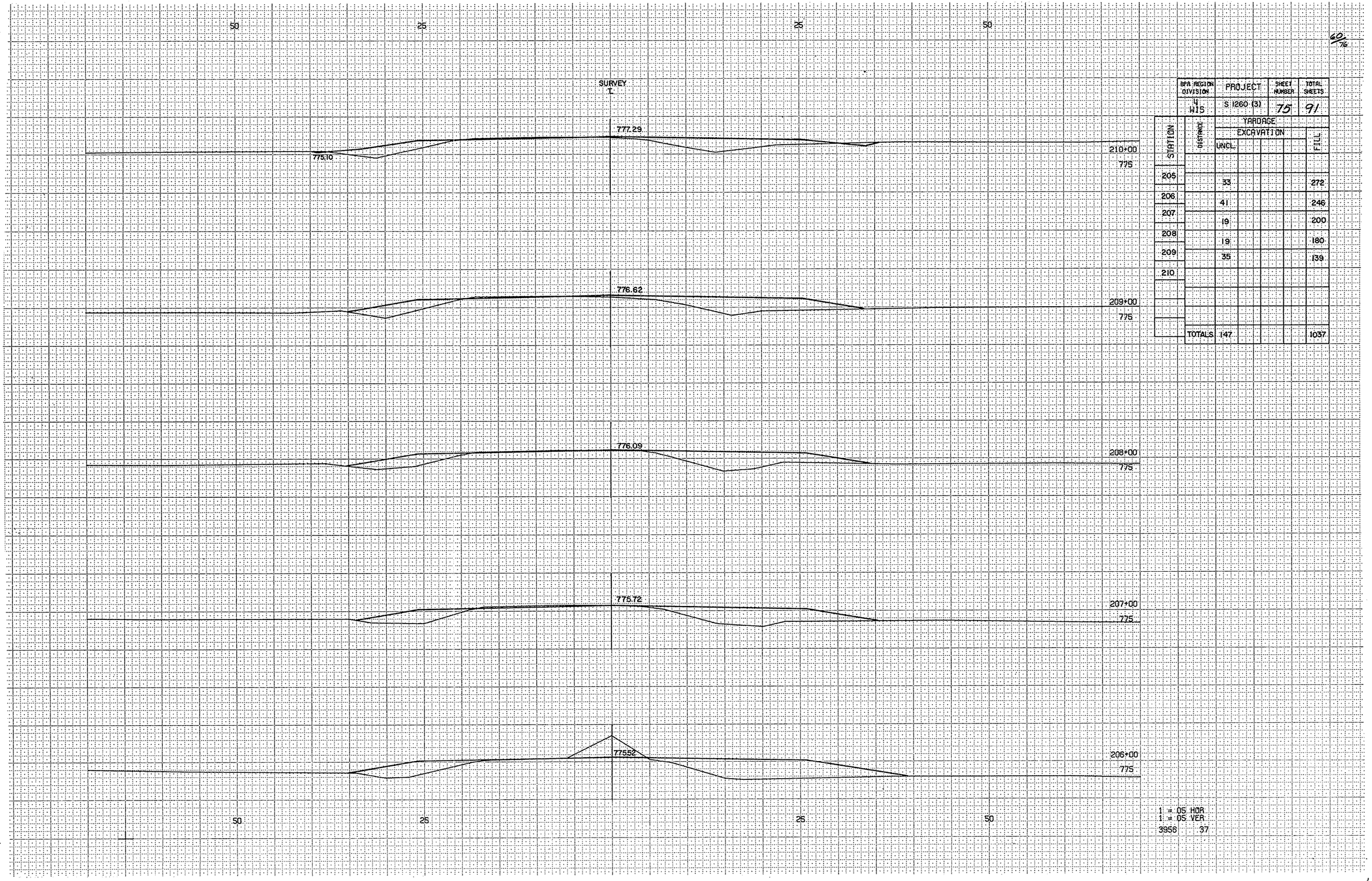
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
222			
	44		256
223			
			361
224			
			319
225			
	15		226
226			
	76		85
227			
	98		54
228			
TOTALS	233		1,301

50 25 25 50

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

60%

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



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
210+00			
775			
205		33	272
206		41	246
207		19	200
208		19	180
209		35	139
210			
209+00			
775			
	TOTALS	147	1037

46

50 25 SURVEY 25 50

782.67 216+00 785

781.76 215+00 785

780.85 214+00 780

779.94 213+00 780

779.03 212+00 780

777.70

778.12 211+00 780

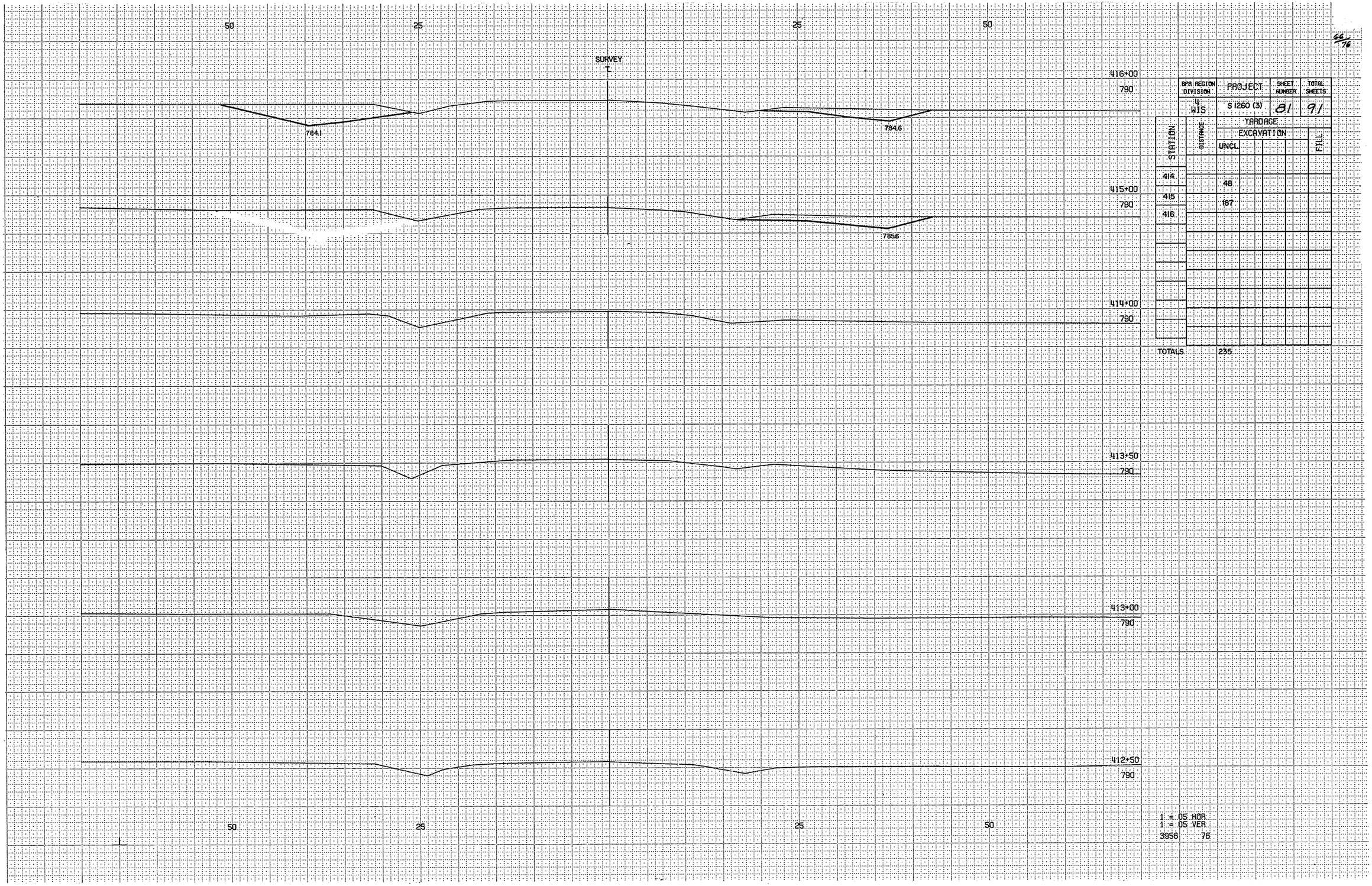
776.40

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

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

50 25 25 50

1 = 05 HOR.
1 = 05 VER.
3956 38



BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	81	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
414			
		48	
415			
		187	
416			
TOTALS		235	

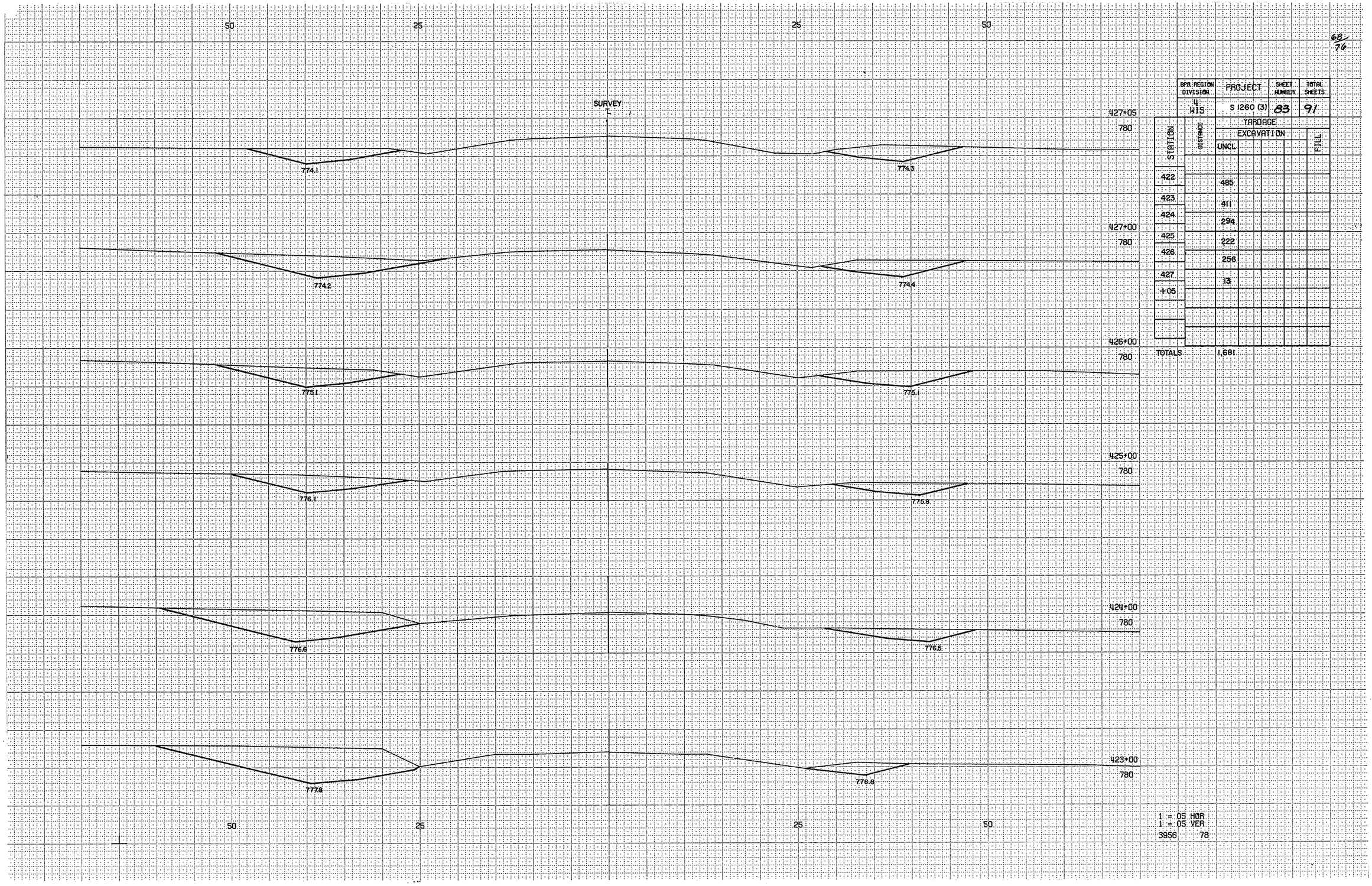
1 = 05 HOR.
1 = 05 VER.
3956 76

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	82	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
416			
		278	
417			
		370	
418			
		476	
419			
		428	
420			
		378	
421			
		459	
422			
TOTALS		2,389	

1 = 05 HOR
1 = 05 VER
3956 77

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	83	91



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					FILL
422		486					
423		911					
424		294					
425		222					
426		256					
427		13					
+05							
TOTALS		1,681					

1 = 05 HOR
1 = 05 VER
3956 78

50 25 25 50

433+00
775
770.7
770.2

432+00
775
771.3
770.9

431+00
775
771.9
771.6

430+00
775
772.5
772.3

429+00
775
773.1
773.0

428+00
775
773.7
773.7

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	84	91

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

50 25 25 50

1" = 05' HOR.
1" = 05' VER.
3956 79

50 25 SURVEY 25 50

439+00
770
768.1
768.4

438+00
770
768.5
768.7

437+00
770
768.9
769.0

436+00
770
769.3
769.3

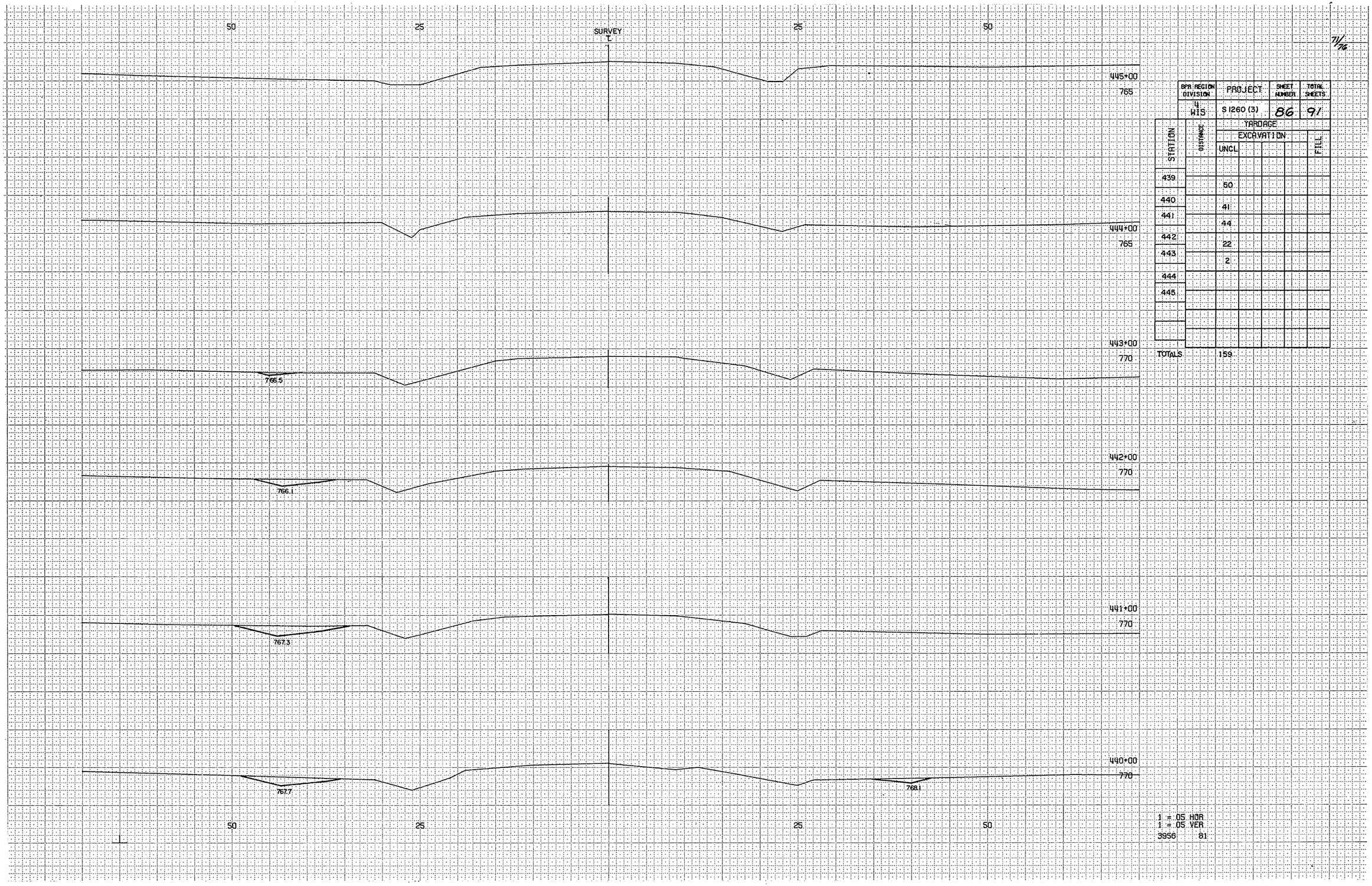
435+00
775
769.7
769.6

434+00
775
770.1
769.9

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S1260 (3)	85	91

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

1 = 05 HOR.
1 = 05 VER.
3956 80



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

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

1 = 05 HOR
1 = 05 VER
3956 81

50 25 25 50

SURVEY

447+00
765

446+00
765

1 = 05 HOR.
1 = 05 VER.

BPR REGION DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	87	91

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
446			
447			361
TOTALS			361

3956 82

50

79/76

SURVEY
℄

448+48
760

447+87
760

447+77
760

BPR REGION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4 WIS	S 1260 (3)	88	91

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
447			
+77			1183
+87			301
448			279
+02			
+33			287
+48			
TOTALS			2043