

13

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TOTAL SHEETS = 14



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT WAUPUN ROAD - C.T.H. "I"

C.T.H. "N"
WINNEBAGO COUNTY

STATE PROJECT NUMBER
4648-1-71

STATE PROJECT		FEDERAL PROJECT	
4648-1-71		PROJECT	CONTRACT
		RS 1010(2)	1

REVISION: 3-14-83

AS BUILT PLAN
NO.

SUPERVISOR G.E. BETHKE
 RESIDENT ART AGAMATE (G.A.S.)
 CONTRACTOR RAHN
 COMPLETED 9-21-84

BEGIN PROJECT
 STA. 10+00.00
 N = 715,300 (±200)
 E = 2,373,600 (±200)

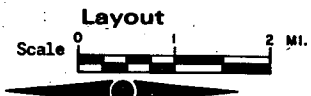
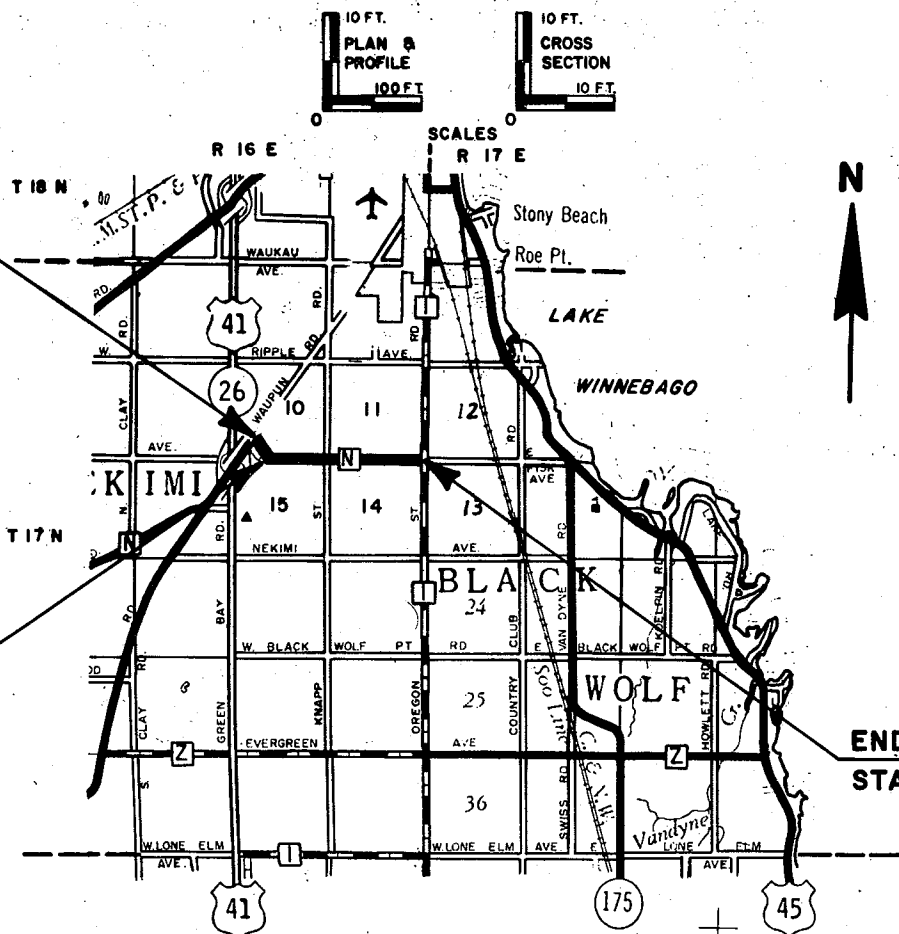
Design Designation

A.D.T. (1980)	= 590
A.D.T. (2000)	= 1250
D.H.V. (2000)	= 163
D.	= 60-40
T.	= 7%
V.	= 55 M.P.H.

EQUATION:
 FT. STA. 20+67.36 BK. =
 STA. 21+57.39 AH.

Conventional Signs

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



Total Net Length of Centerline = 1.873 Mi. RURAL

END PROJECT
 STA. 109+77.55

COORDINATES SCALED FROM U.S.G.S.
 TOPOGRAPHIC MAP, ROSENDALE, WISC.
 QUADRANGLE FOR IDENTIFICATION ONLY.

APPROVED FOR WINNEBAGO COUNTY

3/19/81 DATE
 Signature of Official

PLANS PREPARED BY
 OWEN AYRES & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 GREEN BAY, WISCONSIN

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Surveyor: J.C.L. District Checker: J.C.L.
 Designer: C.O. Checker: J.C.L.
 District Supervisor: J.E.F. C.O. Coordinator: J.C.L.

Approved: 11/10/83
 Date: 12-9-83
 Chief Design Engineer

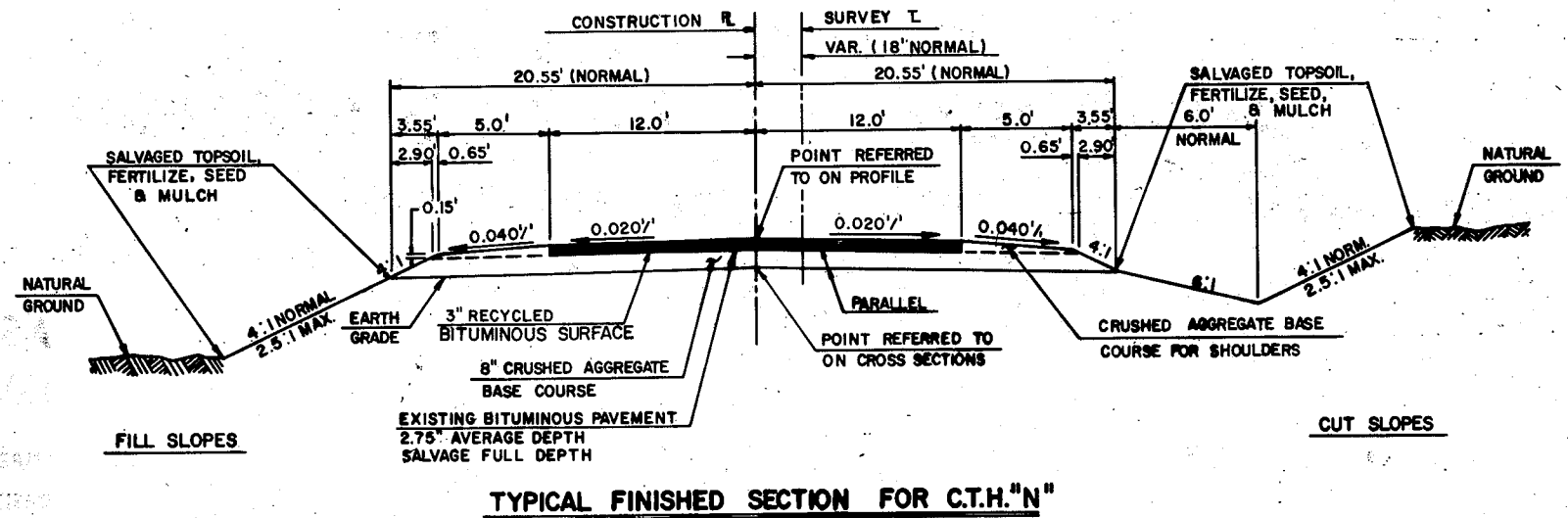
Approved: 12/13/83
 Date: 12/13/83
 Director Development

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 REGION 5 WISCONSIN DIVISION

Approved: _____
 Date: _____
 Division Administrator

WINNEBAGO
4/11/89-5-71, 6136-2-71

STATE PROJECT NUMBER	SHEET NO.
4648-1-71	2.0
GENERAL NOTES FOR C.T.H. "N" WINNEBAGO CO.	



UTILITIES

DIGGERS HOTLINE 1-800-242-8511 (TOLL FREE)

WISCONSIN TELEPHONE COMPANY 414-929-1005
70 EAST DIVISION STREET
POND DU LAC, WI 54935
ATTENTION: MR. FRED WEBER

WISCONSIN PUBLIC SERVICE CORPORATION TELEPHONE (414) 433-1388
600 NORTH ADAMS STREET
GREEN BAY, WI 54301
ATTENTION: MR. R. C. BUTTKE

MICHIGAN-WISCONSIN PIPELINE COMPANY TELEPHONE (414) 477-4211
ROUTE 1
EDEN, WI 53019
ATTENTION: MR. LARRY STUBBS

GENERAL NOTES

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

UTILITY COMPANIES SHALL ADJUST OR MOVE ALL PRIVATELY OWNED FACILITIES WHICH INTERFERE WITH THE NEW CONSTRUCTION.

THE EXACT LOCATION AND WIDTH FOR PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

INLET AND DISCHARGE ELEVATIONS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. EXACT LOCATION OF CULVERT PIPES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE. CUBIC YARDS OF FILL AS SHOWN ON THE PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED EXCAVATION AND WAS COMPUTED WITH A SHRINKAGE FACTOR OF 33% FOR UNCLASSIFIED BASED ON THE VOLUME OF THE FILL.

ALL DISTANCES ARE GROUND DISTANCES.

ALL BEARINGS ARE TRUE BEARINGS.

TREES TO BE CLEARED AND GRUBBED ARE THOSE WITHIN THE CONSTRUCTION LIMITS AND AS DESIGNATED IN THE FIELD BY THE ENGINEER.

LANDMARK REFERENCE MONUMENTS SHALL BE TYPE "A".

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED AND SEEDED AS DIRECTED BY THE ENGINEER.

SALVAGED TOPSOIL SHALL BE PLACED TO AN APPROXIMATE DEPTH OF 4-INCHES AT TIME OF PLACING.

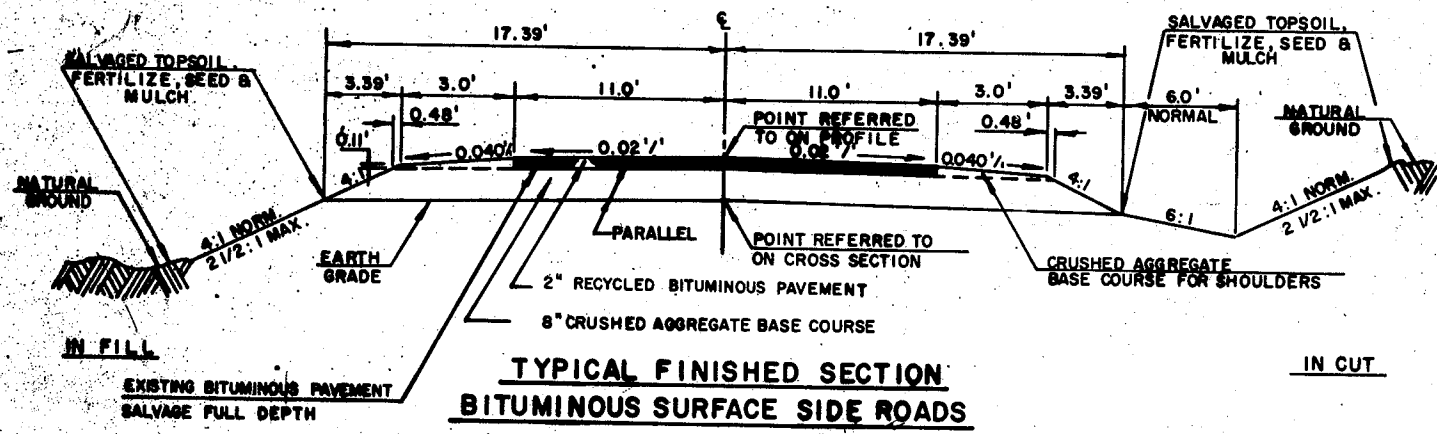
THE DISTINCTION BETWEEN SURVEY T (OLD) AND SURVEY T (NEW) IS MADE FROM THE P.T. AT STATION 20+67.36 BACK ONLY. NUMBER 1 SEED WILL BE USED ON THIS PROJECT, EXCEPT THAT NUMBER 4 SEED WILL BE USED ACROSS LAWN TYPE AREAS, AS DETERMINED BY THE ENGINEER.

CURVE DATA BASED ON ARC DEFINITION.
SAW CUT REQUIRED FOR ALL BUTT JOINTS.
PROPERTY LINES SHOWN ARE APPROXIMATE.

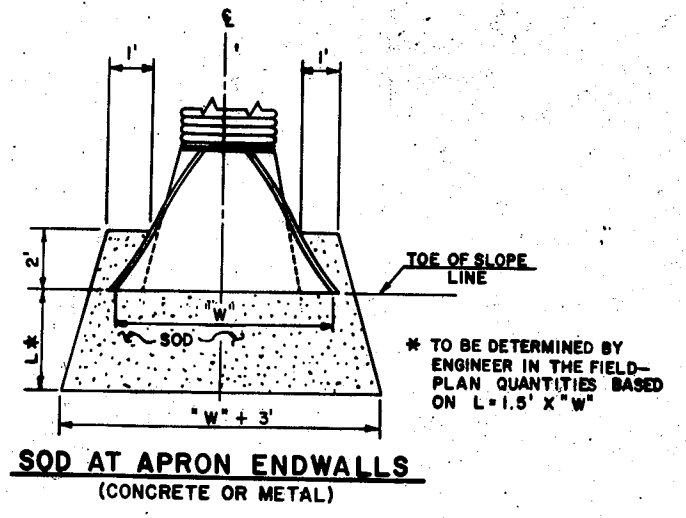
STANDARD DETAIL DRAWINGS

- EROSION MAT _____ 8E7-1
- TYPICAL INSTALLATION OF EROSION BALES _____ 8E8-1
- APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCHES _____ 8F1-9
- LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS _____ 9A1-5
- CONSTRUCTION BARRICADES AND STANDARD SIGNS _____ 15C1-7
- LANDMARK REFERENCE MONUMENTS _____ 16A1-3
- PAVEMENT MARKING _____ 13B5-3

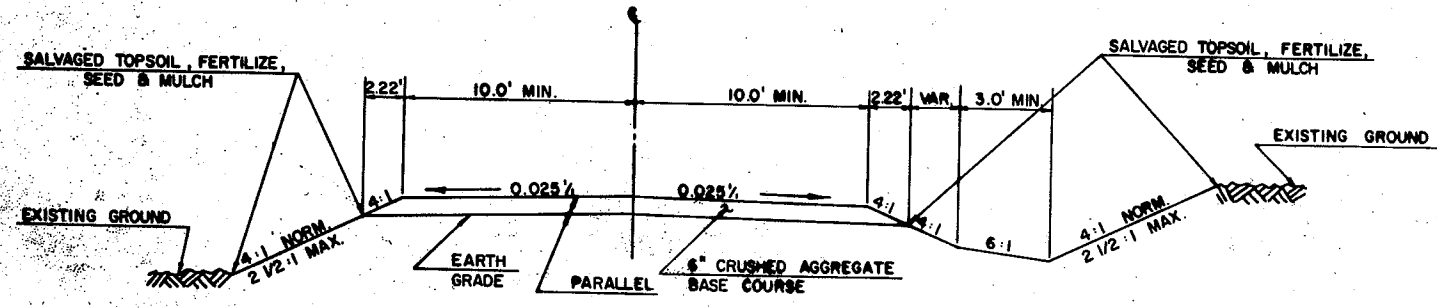
STATE PROJECT NUMBER	SHEET NO.
4648-1-71	2.1
TYPICAL SECTIONS & CONSTRUCTION DETAILS FOR	
C.T.H. "N" WINNEBAGO CO.	



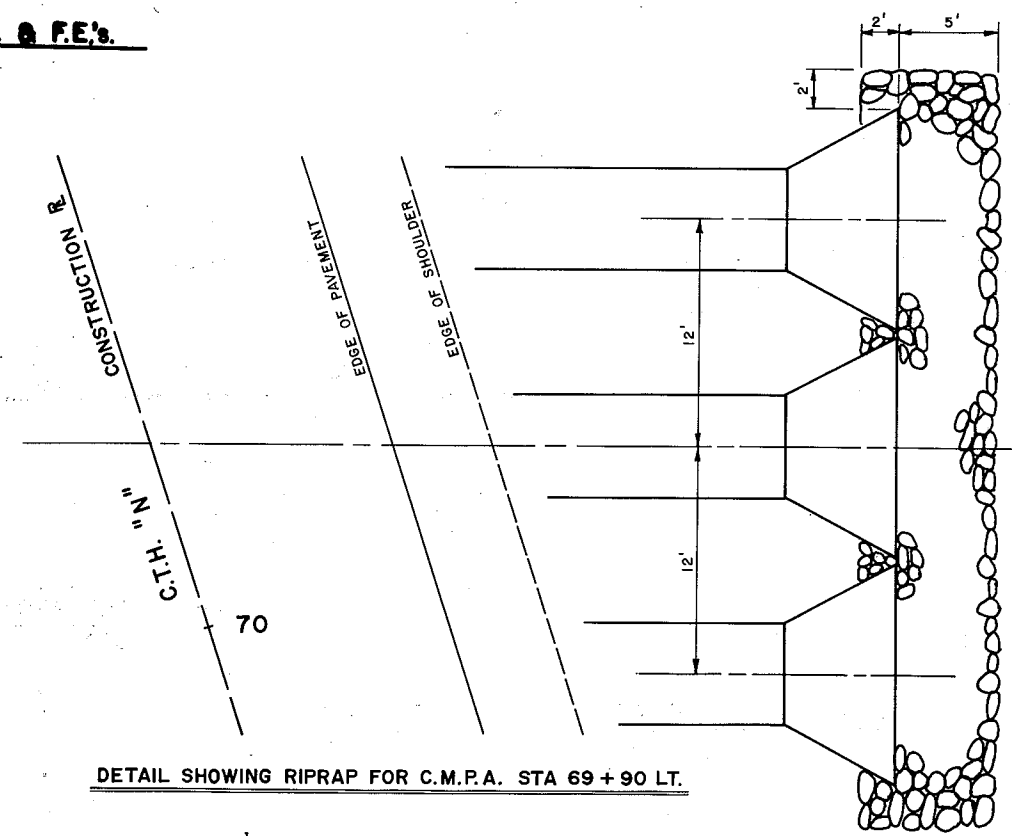
**TYPICAL FINISHED SECTION
BITUMINOUS SURFACE SIDE ROADS**



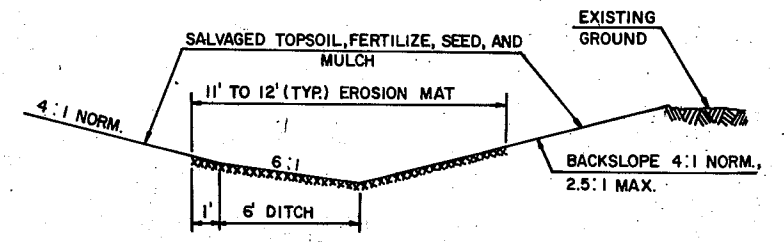
**SOD AT APRON ENDWALLS
(CONCRETE OR METAL)**



**TYPICAL CROSS SECTION
FOR
CRAGG SURFACED P.E. & F.E.'s.**

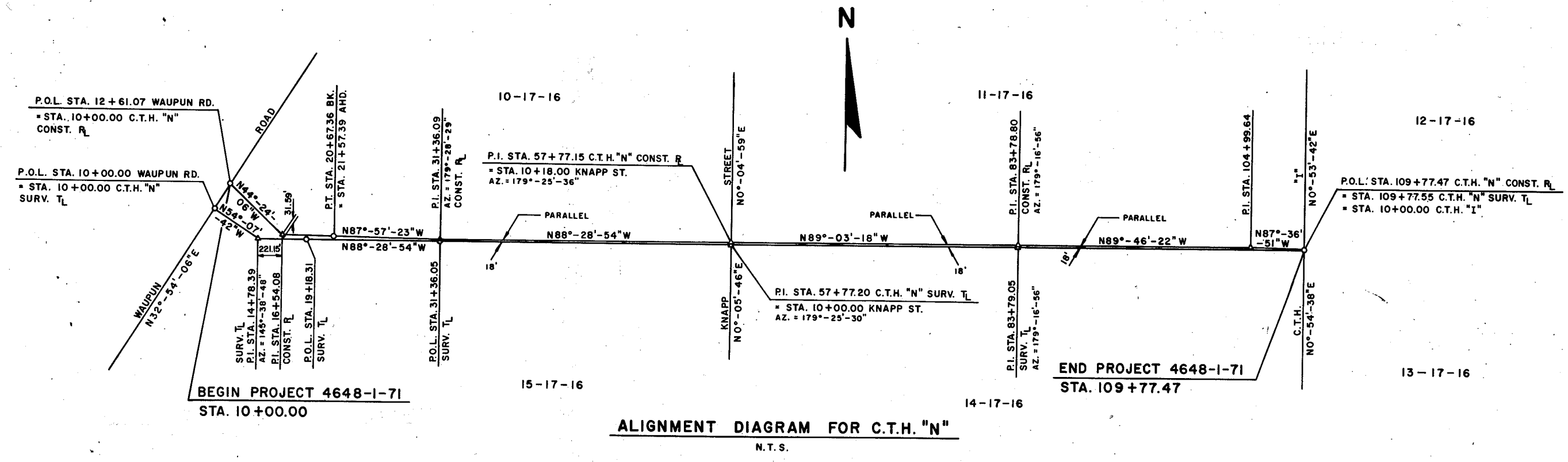
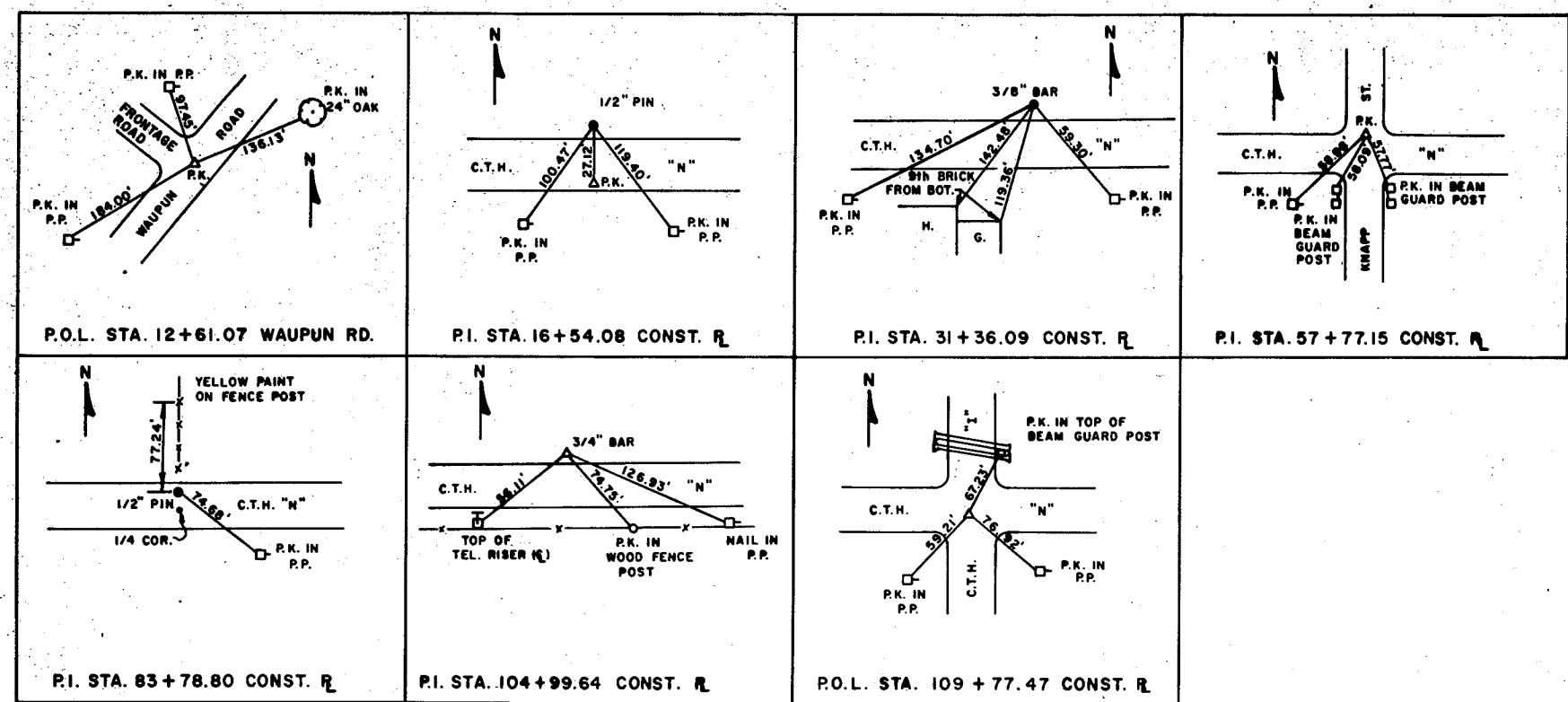


DETAIL SHOWING RIPRAP FOR C.M.P.A. STA 69 + 90 LT.



**TYPICAL INSTALLATION FOR EROSION MAT
(DITCH LINING)**

STATE PROJECT NUMBER	SHEET NO.
4648-1-71	2.2
ALIGNMENT DIAGRAM & TIES FOR	
C.T.H. "N"	WINNEBAGO COUNTY



ESTIMATE OF QUANTITIES

DATE 12/09/83

PROJECT ID: 4648-01-71
 WINNEBAGO COUNTY
 WAUPUN ROAD - CTH I
 C.T.H. "N"

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	4648-01-71 QUANTITY
20101	CLEARING	STA.	12.00	12.00
20102	CLEARING	I.D.	50.00	50.00
20104	GRUBBING	STA.	12.00	12.00
20105	GRUBBING	I.D.	50.00	50.00
20503	UNCLASSIFIED EXCAVATION	C.Y.	25,069.00	25,069.00
<hr/>				
21302	FINISHING ROADWAY, PROJECT 4648-1-71	L.S.	1.00	1.00
21401	OBLITERATING OLD ROAD	STA.	9.00	9.00
30404	CRUSHED AGGREGATE BASE COURSE	TON	21,250.00	21,250.00
40204	BITUMINOUS MATERIAL FOR TACK COAT	GAL.	700.00	700.00
40501	BITUMINOUS MATERIAL FOR PLANT MIXES	TON	184.00	184.00
<hr/>				
41001	RECYCLED BITUMINOUS SURFACE	TON	4,700.00	4,700.00
41010	SALVAGED BITUMINOUS PAVEMENT	TON	3,700.00	3,700.00
52003	CULVERT PIPE, CLASS III, 18-INCH	L.F.	240.00	240.00
52004	CULVERT PIPE, CLASS III, 21-INCH	L.F.	30.00	30.00
52005	CULVERT PIPE, CLASS III, 24-INCH	L.F.	162.00	162.00
<hr/>				
52009	CULVERT PIPE, CLASS III, 36-INCH	L.F.	82.00	82.00
52061	APRON ENDWALLS FOR CULVERT PIPE, 18-INCH	EACH	16.00	16.00
52062	APRON ENDWALLS FOR CULVERT PIPE, 21-INCH	EACH	2.00	2.00
52063	APRON ENDWALLS FOR CULVERT PIPE, 24-INCH	EACH	8.00	8.00
52067	APRON ENDWALLS FOR CULVERT PIPE, 36-INCH	EACH	4.00	4.00
<hr/>				
52143	CORRUGATED STEEL PIPE ARCH, 64X43-INCH	L.F.	192.00	192.00
52169	STEEL APRON ENDWALLS FOR PIPE ARCH, 64X43	EACH	6.00	6.00
60601	RIFRAP	C.Y.	8.00	8.00
61802	MAINTENANCE AND REPAIR OF HAUL ROADS, PROJECT 4648-1-71	L.S.	1.00	1.00
61911	MOBILIZATION, PROJECT 4648-1-71	L.S.	1.00	1.00

SHEET 3

UN

DATE 12/09/83

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	4648-01-71 QUANTITY
62101	LANDMARK REFERENCE MONUMENTS	EACH	12.00	12.00
62301	CALCIUM CHLORIDE SURFACE TREATMENT	TON	20.00	20.00
62401	WATER	MGAL	212.00	212.00
62505	SALVAGED TOPSOIL	S.Y.	59,000.00	59,000.00
62703	MULCHING	TON	33.00	33.00

62802	EROSION MAT	S.Y.	8,000.00	8,000.00
62810	EROSION BALES	EACH	100.00	100.00
62905	FERTILIZER, TYPE B.	CWT.	38.00	38.00
63002	SEEDING	LB.	755.00	755.00
63101	SODDING	S.Y.	350.00	350.00

64201	FIELD OFFICE, TYPE A	L.S.	1.00	1.00
64210	FIELD LABORATORY	L.S.	1.00	1.00
64302	TRAFFIC CONTROL, PROJECT 4648-1-71	L.S.	1.00	1.00
64484	TEMPORARY PAVEMENT MARKING	L.F.	300.00	300.00

SHEET 3.1

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

CLEARING & GRUBBING

LOCATION	CLEARING		GRUBBING	
	IN. DIA.	STA.	IN. DIA.	STA.
48 + 00 - 56 + 00 LT.		8		8
72 + 00 - 76 + 00 LT.		4		4
85 + 00 LT.	32		32	
86 + 12 LT.	18		18	

CROSS DRAINS

STATION	LOCATION	DIA. (IN.)	LENGTH (LIN. FT.)	TYPE	R.C.C.P. CLASS	THICKNESS (IN.)		ELEVATION		APRON ENDWALLS
						STEEL	ALUMINUM	INLET	DIS.	
11 + 60	€	24	48	C.P.	III	0.064	0.075	852.4	852.2	2
55 + 80	€	36	48	C.P.	III	0.079	0.105	816.4	816.2	2
69 + 90	€	3 X (64" X 43")		C.S.P.A.		0.109	----	810.0	809.7	6*
85 + 00	€	24	50	C.P.	III	0.064	0.075	808.0	807.7	2

SEEDING, SALVAGED TOPSOIL, MULCHING, AND FERTILIZER

LOCATION	SEEDING	SALVAGED TOP SOIL	MULCHING	FERTILIZER
	POUND	SQ. YD.	TON	C.W.T.
MAINLINE	730	54,000	30	34
ROAD OBLITERATION	25	5,000	3	4

NOTE :
* TOE PLATE REQUIRED

CRUSHED AGGREGATE BASE COURSE

LOCATION	ROADWAY	SHOULDERS
	TON	TON
MAINLINE	18,600	1,980
SIDE ROADS	220	10
P.E. S & F.E. S	440	

MINOR SIDE ROADS & PRIVATE ENTRANCE PIPES

STATION	LOCATION	DIA. IN.	LENGTH LIN. FT.	TYPE	R.C.C.P. CLASS	THICKNESS		APRON ENDWALLS
						STEEL	INCH ALUMINUM	
18 + 25	F.E. LT.	18	30	C.P.	III	0.064	0.060	2
18 + 33	P.E. RT.	18	30	C.P.	III	0.064	0.060	2
31 + 04	P.E. RT.	18	30	C.P.	III	0.064	0.060	2
33 + 22	P.E. RT.	18	30	C.P.	III	0.064	0.060	2
36 + 21	F.E. LT.	21	30	C.P.	III	0.064	0.060	2
52 + 45	P.E. RT.	36	34	C.P.	III	0.079	0.075	2
77 + 72	F.E. LT.	18	30	C.P.	III	0.064	0.060	2
82 + 00	F.E. RT.	18	30	C.P.	III	0.064	0.060	2
82 + 02	P.E. LT.	18	30	C.P.	III	0.064	0.060	2
90 + 36	P.E. LT.	24	34	C.P.	III	0.064	0.075	2
93 + 55	F.E. RT.	18	30	C.P.	III	0.064	0.060	2
104 + 00	F.E. LT.	24	30	C.P.	III	0.064	0.075	2

EROSION MAT

LOCATION	DITCH LINING	QUANTITY
		SQ. YD.
24 + 00 - 35 + 00 LT.	X	1,470
24 + 00 - 35 + 00 RT.	X	1,470
35 + 00 - 44 + 00 LT&RT.	X	2,400
65 + 00 - 67 + 00 LT.	X	270
91 + 00 - 94 + 00 LT.	X	400
103 + 00 - 108 + 00 LT&RT	X	1,340
108 + 00 - 109 + 00 LT&RT	X	200
UNDISTRIBUTED	X	450

SALVAGED BITUMINOUS PAVEMENT (FULL DEPTH)

LOCATION	TON
MAINLINE	3,656
SIDE ROADS	44
TOTAL	3,700

DEPTH OF EXISTING BITUMINOUS PAVEMENT

STATION	LOCATION	THICKNESS INCH
20 + 20	5' RT	3.5
30 + 75	5' RT	2.5
41 + 30	7' RT	2.5
51 + 88	7' RT	2.75
65 + 10	3' LT	2.5
77 + 22	5' RT	3.0
87 + 80	6' LT	2.75
98 + 34	8' RT	2.0
108 + 90	4' RT	3.5

LANDMARK REFERENCE MONUMENTS

SURVEY STA.	LOCATION	NO. REQUIRED
31 + 36.09	N. QUARTER CORNER SECTION 15	4
57 + 77.20	N.E. CORNER SECTION 15	4
83 + 78.80	N. QUARTER CORNER SECTION 14	4

RECYCLED BITUMINOUS SURFACE

LOCATION	TON
MAINLINE	4,614
SIDE ROADS	86
TOTAL	4,700

BITUMINOUS MATERIAL FOR TACK COAT

LOCATION	GAL.
MAINLINE	659
SIDE ROADS	41

RIPRAP

LOCATION	DESCRIPTION	QUANTITY CU. YD.
69 + 90	PIPE END (DISCHARGE)	8

EROSION BALES

LOCATION	QUANTITY EACH
UNDISTRIBUTED	100

SODDING

LOCATION	QUANTITY SQ. YD.
AT PIPE ENDS	326
UNDISTRIBUTED	24

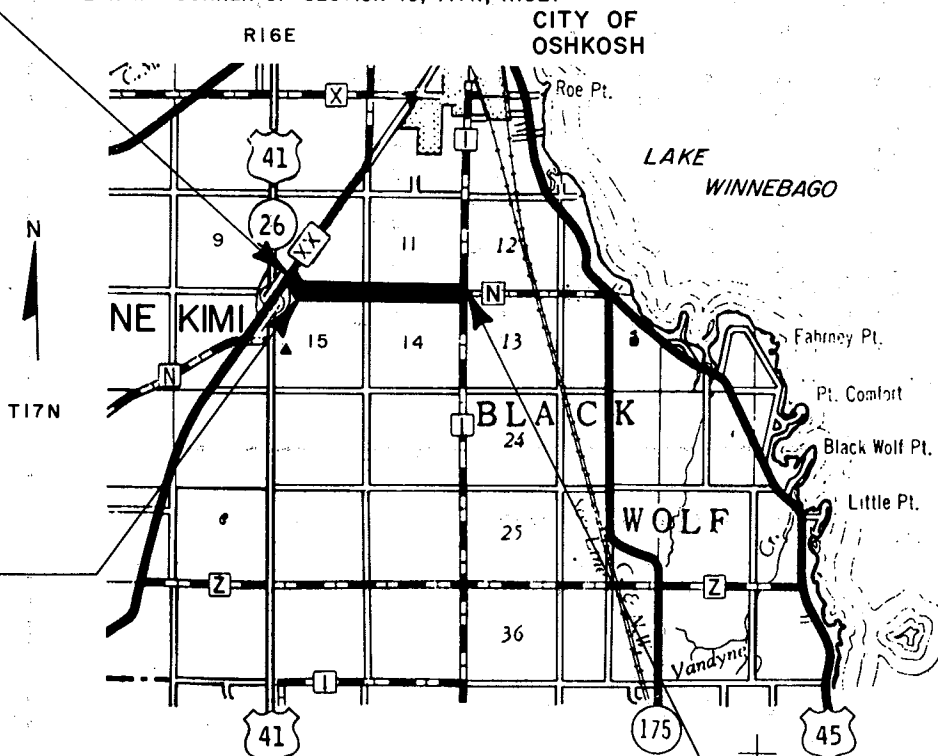
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
3-14-83	4648-1-00	4.0
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR 4648-1-00		
WAUPUN ROAD - C.T.H "I"		
C.T.H. "N" WINNEBAGO CO.		
CONSTRUCTION PROJECT NUMBER		
4648-1-71		4.0

CONVENTIONAL SIGNS AND ABBREVIATIONS

AHEAD AND OTHERS	AH.	POINT OF CURVATURE	P.C.
AZIMUTH	ET. AL.	POINT OF INTERSECTION	P.I.
BACK	AZ.	POINT OF TANGENCY	P.T.
BARN	BK.	POINT ON TANGENT	P.O.T.
BUILDING	B.	PROPERTY LINE	P.L.
COMPANY	B.	RANGE	R.
CONCRETE	CO.	RADIUS	R.
CONSTRUCTION	CONC.	REFERENCE LINE	R.
CORNER	CONST.	RIGHT OF WAY	R/W
CORRUGATED METAL PIPE	COR.	ROAD	RD.
COUNTY TRUNK HIGHWAY	C.M.P.	SECTION	SEC.
DEGREE	C.T.H.	SHED	S.
DELTA	D.	SILO	S.
EAST	Δ	SOUTH	S.
EXTERNAL DISTANCE	E.	SOUTHWEST	SE
GARAGE	E.	SOUTHWEST	SW
HOUSE	E.	SOUTHWEST	SW
LENGTH	G.	STATION	STA.
LIMITED HIGHWAY EASEMENT	H.	STREET	ST.
LONG CHORD	L.	SURVEY	SURV.
LONG CHORD BEARING	L.H.E.	TANGENT	T.
MANHOLE	L.C.	TELEPHONE	TEL.
MICHIGAN	L.C.B.	TEMPORARY	TEMP.
NORTH	M.H.	TOWN	T.
NORTHEAST	MICH.	TRANSIT LINE	T.
NORTHWEST	N.	UNDERGROUND	U.G.
	NE	WEST	W.
	NW	WISCONSIN	WIS.

**BEGIN RELOCATION ORDER PROJECT 4648-1-00
STATION 10+00.00**

N = 715,300 (±200') *
E = 2,373,500 (±200') *
LOCATED 536.53' NORTH OF AND 1892.76' EAST
OF THE N 1/4 CORNER OF SECTION 15, T17N, R16E.



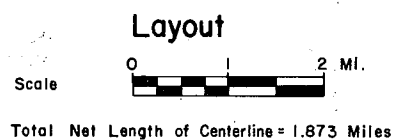
EQUATION :
P.T. STA. 20+67.36 BK.
= STA. 21+57.39 AHD.

**END RELOCATION ORDER PROJECT 4648-1-00
STATION 109+77.47**

N = 714,700 (±200') *
E = 2,383,300 (±200') *
LOCATED AT THE N.E. CORNER OF
SECTION 14, T17N, R16E

PARCEL NO.	SHEET NO.	OWNER
1		
2	4.1	ELLA STUEBE, ET. AL.
3	4.1, 4.2	HERBERT POTRATZ
4		
5	4.2	ROBERT O. DONAHUE
6	4.2, 4.3	RHEA C. WILDE
7	4.2, 4.3	JEAN E. BASLER
8	4.2	MICHIGAN WISC. PIPELINE
9	4.3	RANDY P. BLECHL
10	4.3	JOHN WILLIAM GLATZ
11	4.3, 4.4	MILTON ABITZ
12		
13		
14		
15		

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



* COORDINATES SCALED FROM U.S.G.S. TOPOGRAPHIC MAP, ROSENDALE, WISC. QUADRANGLE FOR IDENTIFICATION ONLY.

APPROVED FOR WINNEBAGO COUNTY

DATE: _____ SIGNATURE OF OFFICIAL: _____

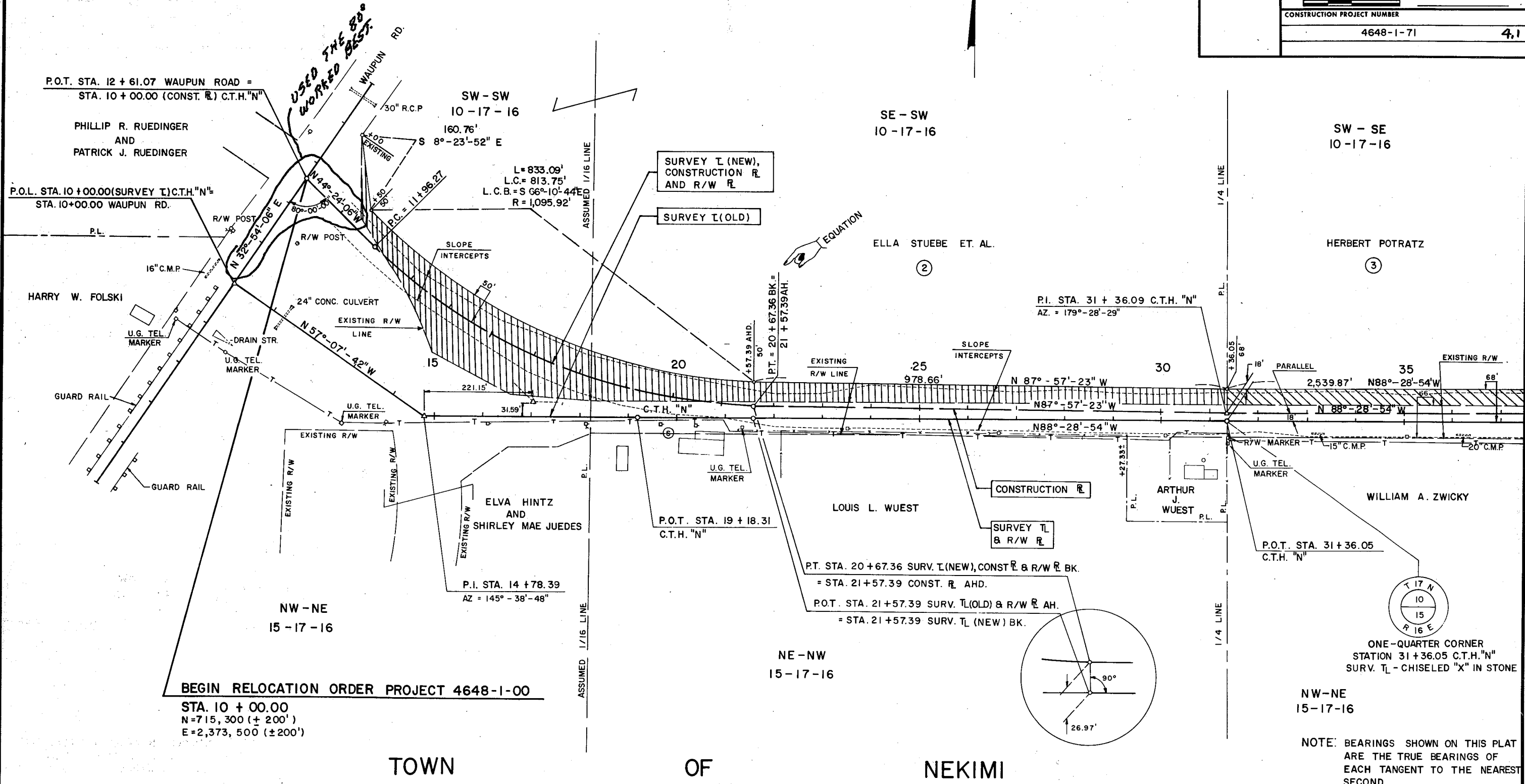
PLAT PREPARED BY OWEN AYRES & ASSOCIATES INC. CONSULTING ENGINEERS GREEN BAY, WISCONSIN

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES (TEMP)	ACRES REQUIRED			TOTAL REMAINING ACRES
				NEW R/W REQUIRED	EXISTING R/W	TOTAL R/W REQUIRED	
2	ELLA STUEBE ET. AL	FEE TITLE		3.09	5.48	5.57	39.84
3	HERBERT POTRATZ	FEE TITLE		2.15	2.08	4.23	75.77

CURVE DATA
CONSTRUCTION R
P.I. STA. 16 + 54.08
 $\Delta = 43^{\circ}-33'-17''$
 $D = 5^{\circ}-00'$
 $T = 457.81'$
 $L = 871.09'$
 $E = 88.07'$
 $R = 1145.92'$

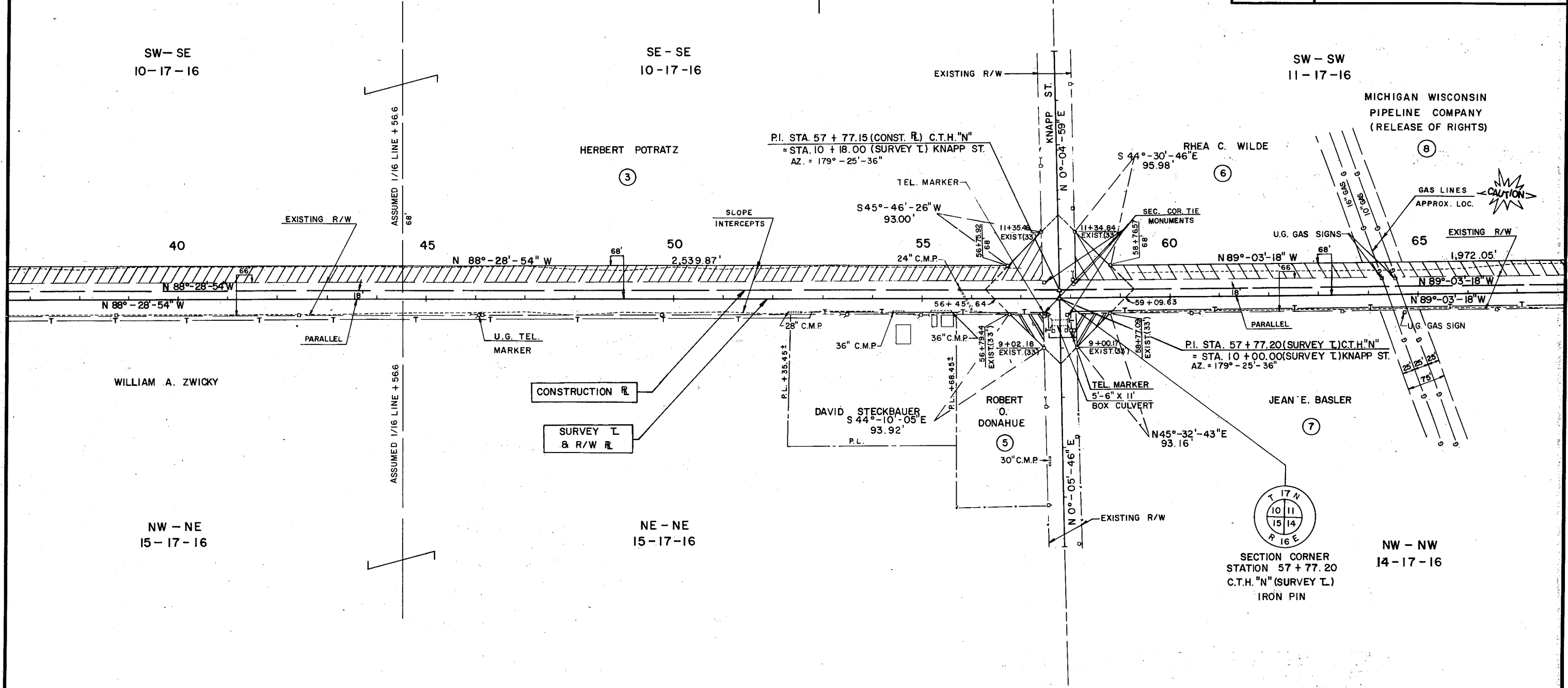
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
3-14-83	4648-1-00	4.1
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR		
C.T.H. "N" WINNEBAGO COUNTY		
SCALE 1" = 200 FT.		DATE
CONSTRUCTION PROJECT NUMBER		
4648-1-71		4.1



SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES (TEMP.)	ACRES REQUIRED			TOTAL REMAINING ACRES
				NEW R/W REQUIRED	EXISTING R/W	TOTAL R/W REQUIRED	
3	HERBERT POTRATZ	FEE TITLE		2.15	2.08	4.23	75.77
5	ROBERT O. DONAHUE	FEE TITLE		0.05	0.12	0.17	1.83
6	RHEA C. WILDE	FEE TITLE		1.60	1.65	3.34	75.66
7	JEAN E. BASLER	FEE TITLE		0.05	0.13	0.18	39.82
8	MICH. WIS. PIPELINE	REL. OF RIGHTS					

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
3-14-83	4648-1-00	4.2
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR		
C.T.H. "N" WINNEBAGO COUNTY		
SCALE 0 100 200 Ft.		DATE
CONSTRUCTION PROJECT NUMBER		
4648-1-71		4.2



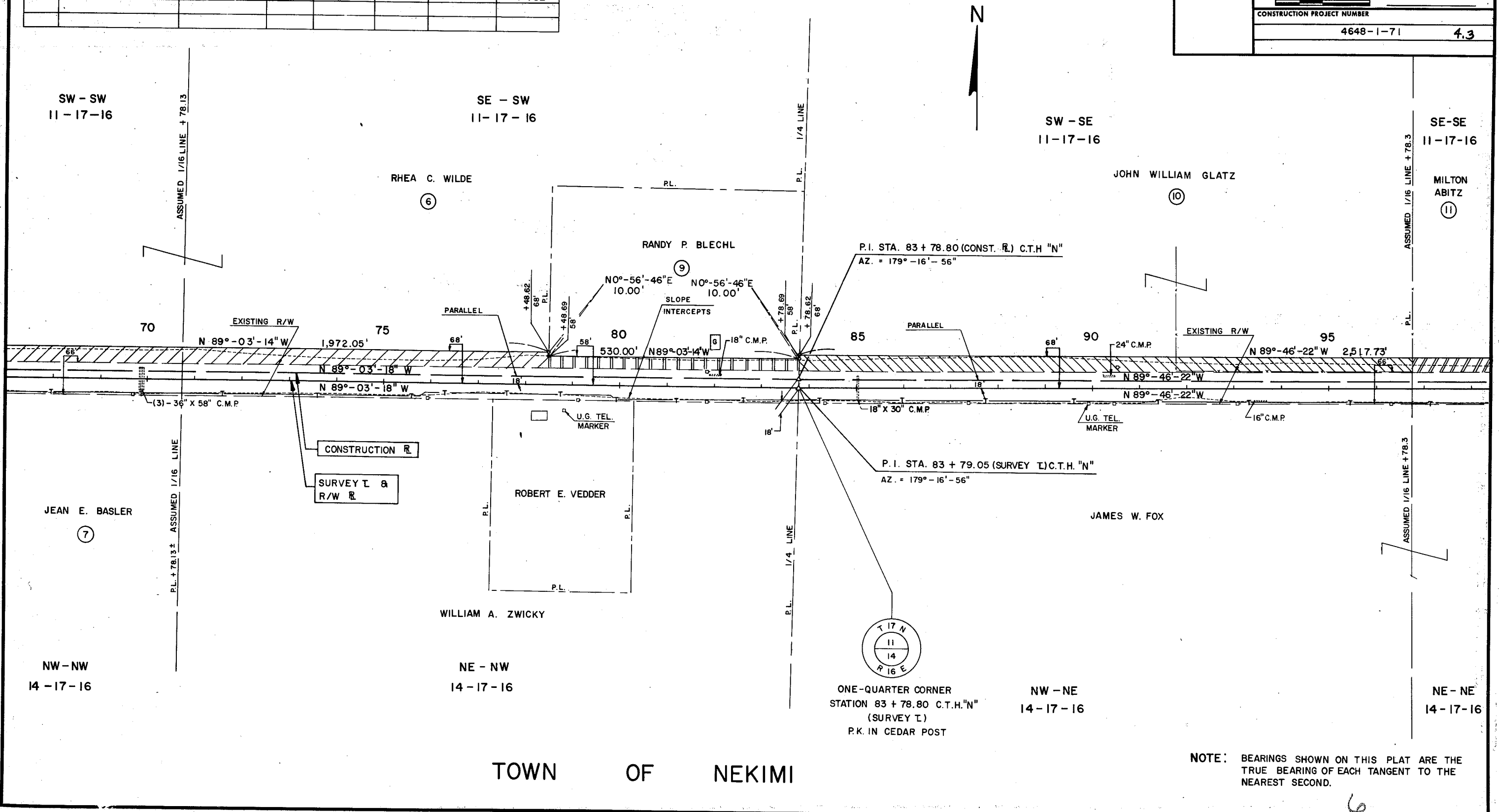
TOWN OF NEKIMI

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

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES (TEMP.)	ACRES REQUIRED			TOTAL REMAINING ACRES
				NEW R/W REQUIRED	EXISTING R/W	TOTAL R/W REQUIRED	
6	RHEA C. WILDE	FEE TITLE		1.69	1.65	3.34	75.66
9	RANDY P. BLECHL	FEE TITLE		0.30	0.40	0.70	4.31
10	JOHN WILLIAM GLATZ	FEE TITLE		1.12	1.06	2.18	37.82
11	MILTON ABITZ	FEE TITLE		0.96	0.94	1.90	32.63
7	JEAN E. BASLER	FEE TITLE		0.05	0.13	0.18	39.82

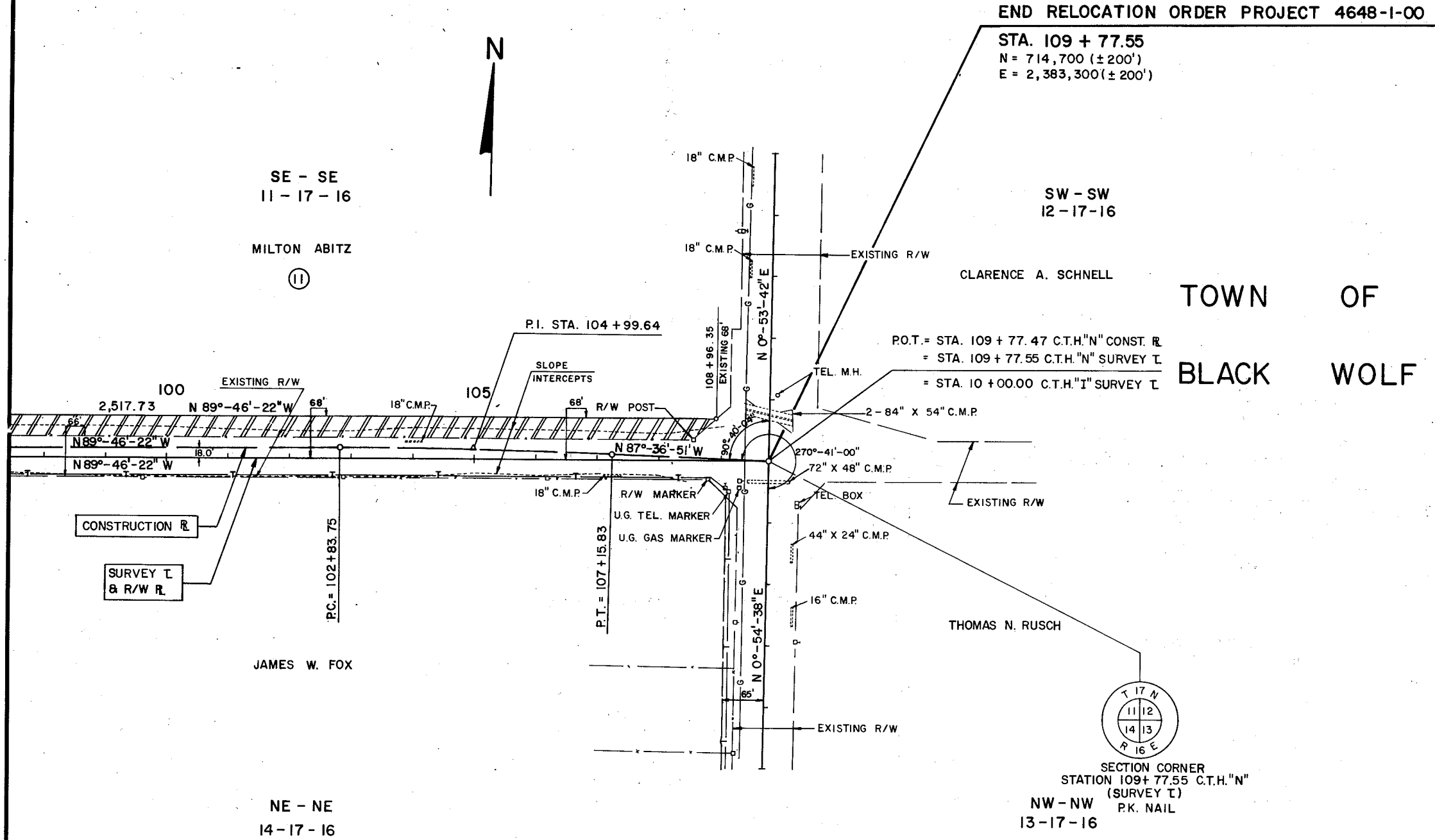
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
3-14-83	4648-1-00	4.3
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR		
C.T.H. "N" WINNEBAGO COUNTY		
SCALE 0 100 200 Ft.		DATE
CONSTRUCTION PROJECT NUMBER		
4648-1-71		4.3



SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	L.H.E. ACRES (TEMP.)	ACRES REQUIRED			TOTAL REMAINING ACRES
				NEW R/W REQUIRED	EXISTING R/W	TOTAL R/W REQUIRED	
11	MILTON ABITZ	FEE TITLE		0.96	0.94	1.90	32.63

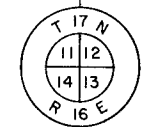
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
3-14-83	4648-1-00	4.4
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR		
C.T.H. "N" WINNEBAGO COUNTY		
SCALE		DATE
0 100 200 Ft.		
CONSTRUCTION PROJECT NUMBER		
4648-1-43-71 4.4		



END RELOCATION ORDER PROJECT 4648-1-00
 STA. 109 + 77.55
 N = 714,700 (± 200')
 E = 2,383,300 (± 200')

TOWN OF
 BLACK WOLF

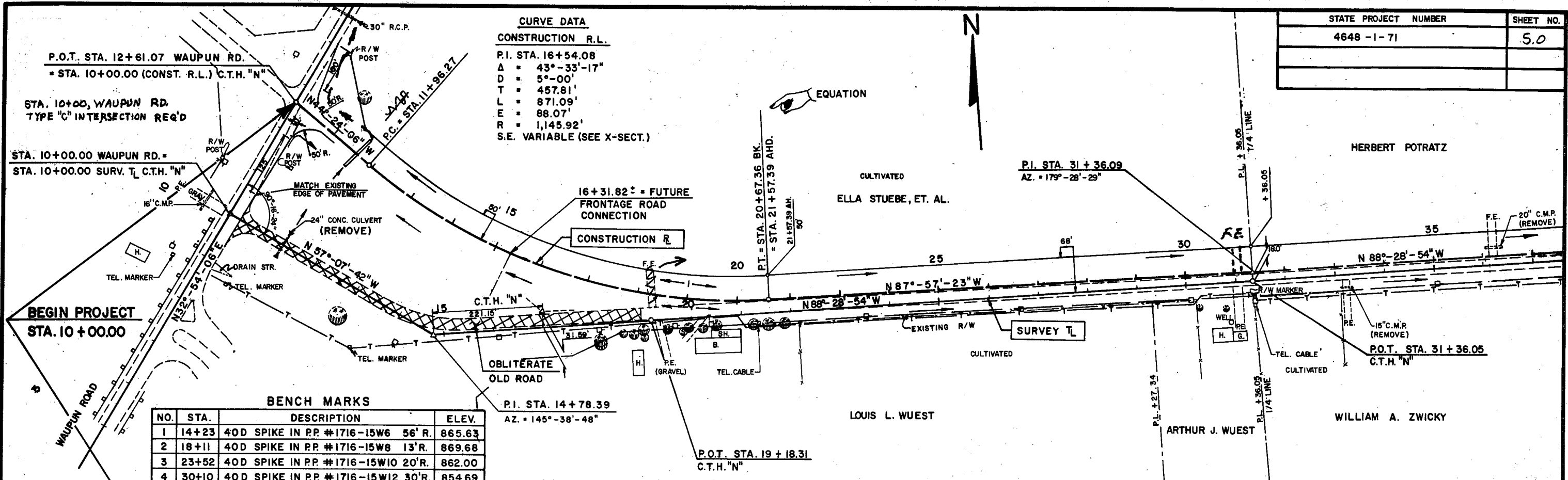
TOWN OF NEKIMI



SECTION CORNER
 STATION 109+77.55 C.T.H. "N"
 (SURVEY T)
 NW-NW
 P.K. NAIL
 13-17-16

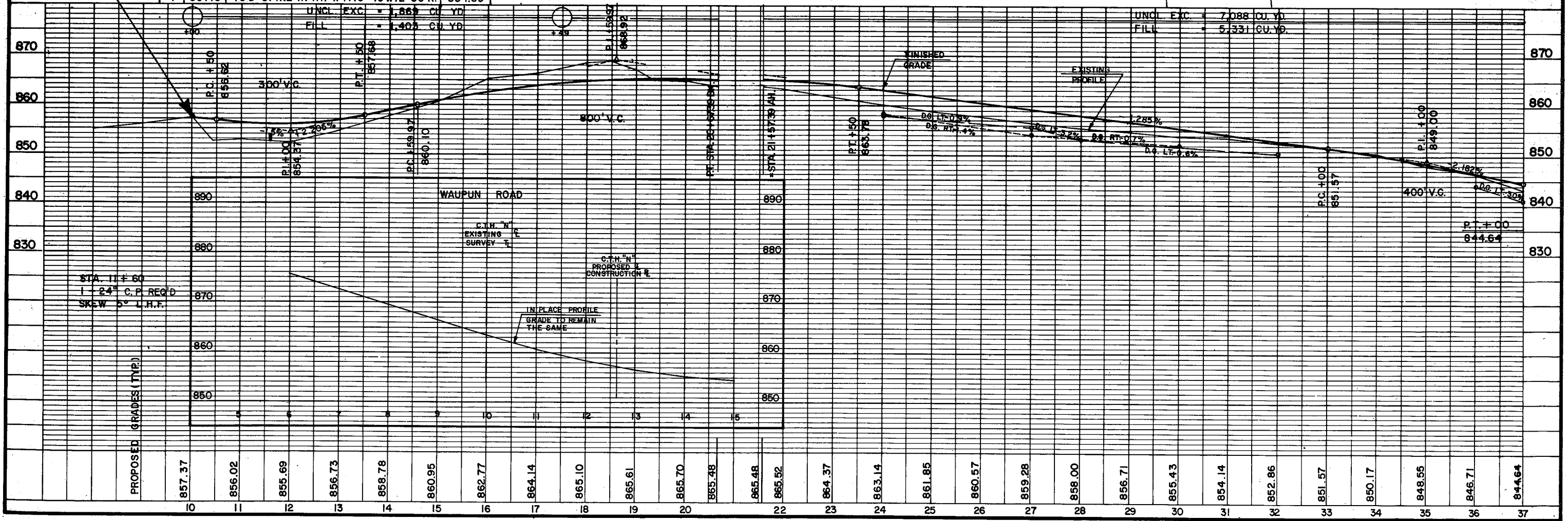
STATE PROJECT NUMBER	SHEET NO.
4648 - 1 - 71	5.0

CURVE DATA
CONSTRUCTION R.L.
 P.I. STA. 16+54.08
 $\Delta = 43^\circ - 33' - 17''$
 $D = 5^\circ - 00'$
 $T = 457.81'$
 $L = 871.09'$
 $E = 88.07'$
 $R = 1,145.92'$
 S.E. VARIABLE (SEE X-SECT.)



BENCH MARKS

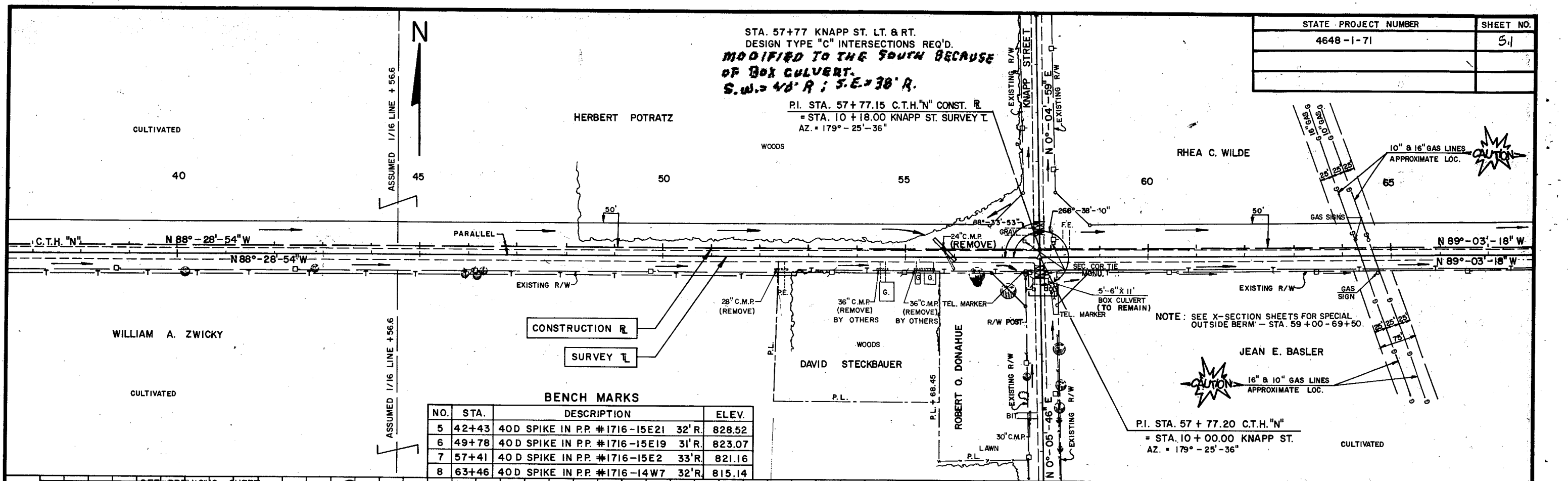
NO.	STA.	DESCRIPTION	ELEV.
1	14+23	40D SPIKE IN PP #1716-15W6 56'R.	865.63
2	18+11	40D SPIKE IN PP #1716-15W8 13'R.	869.68
3	23+52	40D SPIKE IN PP #1716-15W10 20'R.	862.00
4	30+10	40D SPIKE IN PP #1716-15W12 30'R.	854.69



ADD 0.04 TO ALL FINISHED PROFILE GRADES

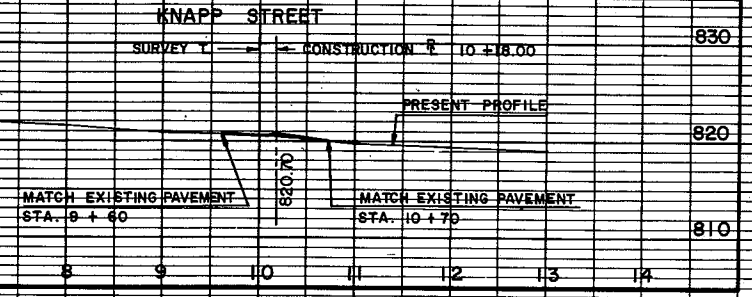
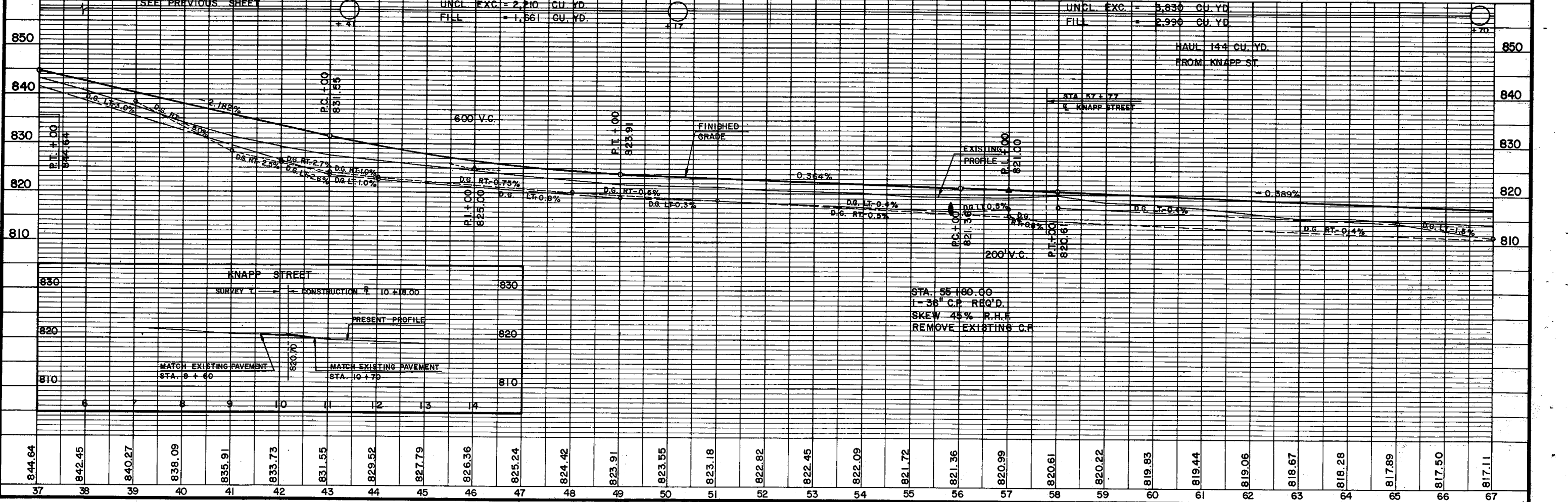
STATE PROJECT NUMBER	SHEET NO.
4648-1-71	51

STA. 57+77 KNAPP ST. LT. & RT.
 DESIGN TYPE "C" INTERSECTIONS REQ'D.
**MODIFIED TO THE SOUTH BECAUSE
 OF BOX CULVERT.**
 S.W. = 40' R ; S.E. = 30' R.



BENCH MARKS

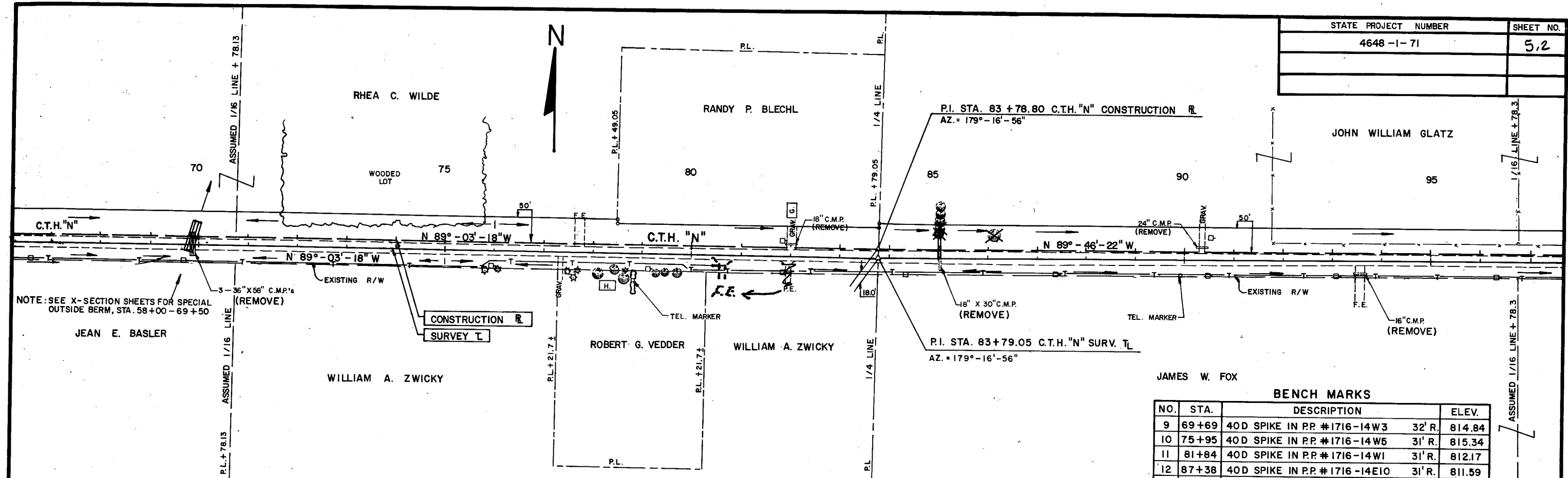
NO.	STA.	DESCRIPTION	ELEV.
5	42+43	40D SPIKE IN P.P. #1716-15E21 32'R.	828.52
6	49+78	40D SPIKE IN P.P. #1716-15E19 31'R.	823.07
7	57+41	40D SPIKE IN P.P. #1716-15E2 33'R.	821.16
8	63+46	40D SPIKE IN P.P. #1716-14W7 32'R.	815.14



STA. 55+80.00
 1-36" C.P. REQ'D.
 SKEW 45% R.H.P.
 REMOVE EXISTING C.F.

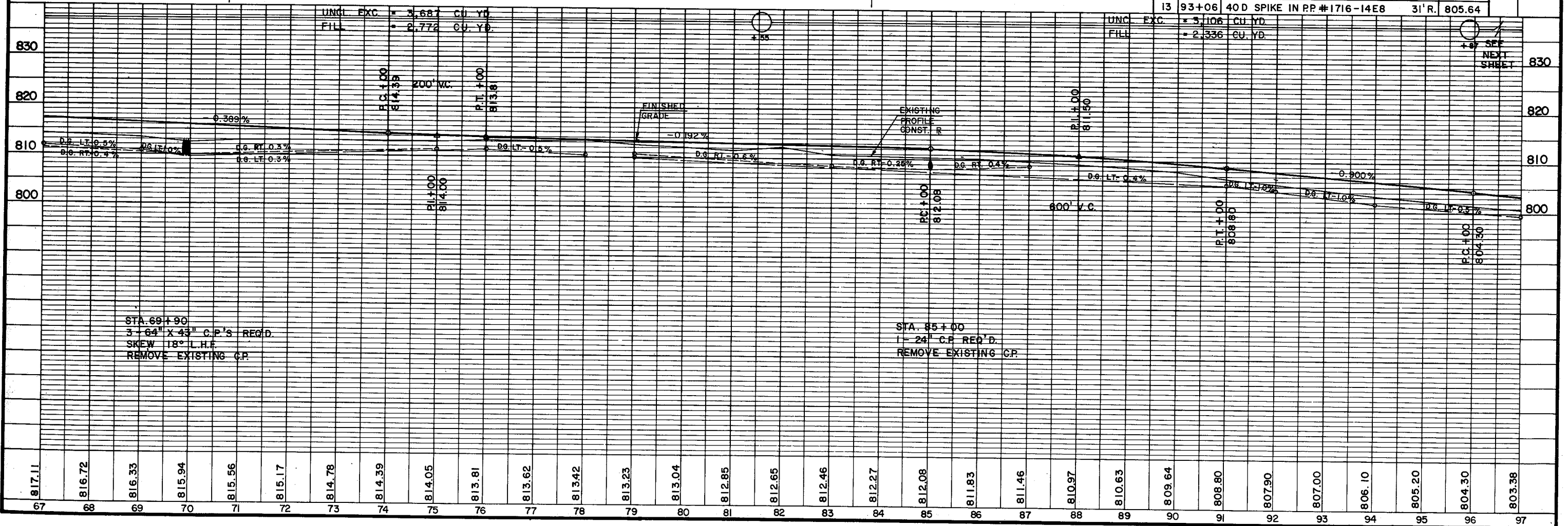
ADD 0.04' TO ALL FINISHED PROFILE GRADES

STATE PROJECT NUMBER	SHEET NO.
4648-1-71	5.2



BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
9	69+69	40D SPIKE IN P.P. #1716-14W3 32' R.	814.84
10	75+95	40D SPIKE IN P.P. #1716-14W5 31' R.	815.34
11	81+84	40D SPIKE IN P.P. #1716-14W1 31' R.	812.17
12	87+38	40D SPIKE IN P.P. #1716-14E10 31' R.	811.59
13	93+06	40D SPIKE IN P.P. #1716-14E8 31' R.	805.64



STA. 69+90
 3 - 64" X 43" C.P.'S REQ'D.
 SKEW 18° L.H.F.
 REMOVE EXISTING C.P.

STA. 85+00
 1 - 24" C.P. REQ'D.
 REMOVE EXISTING C.P.

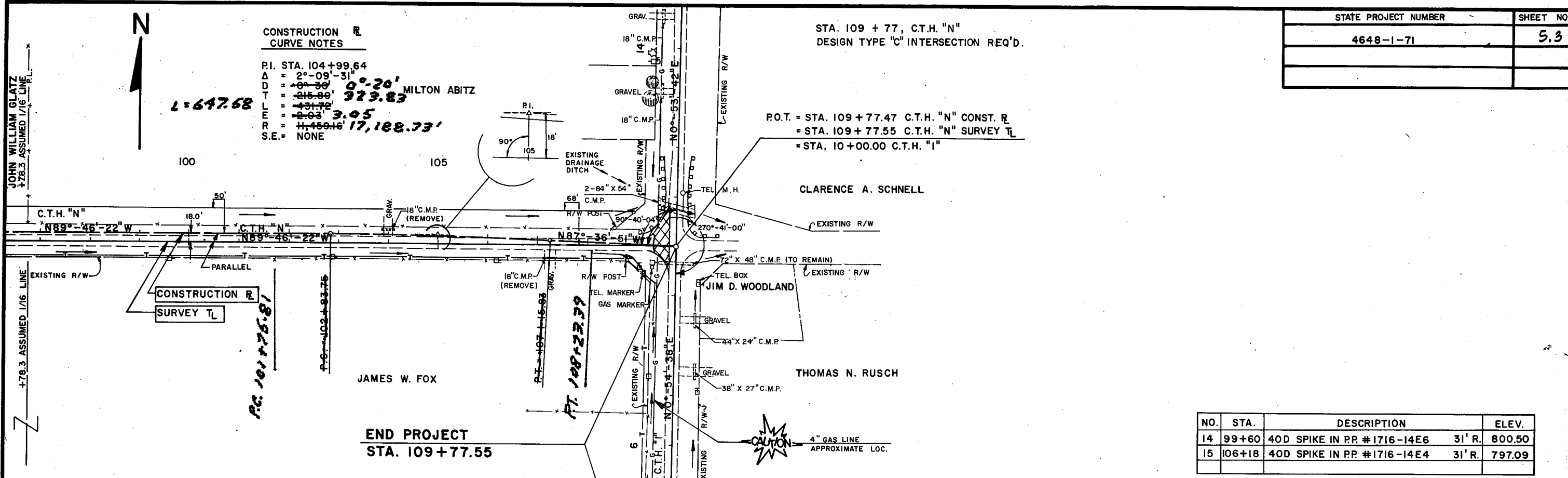
STATE PROJECT NUMBER	SHEET NO.
4648-1-71	5.3

**CONSTRUCTION R
CURVE NOTES**

P.I. STA. 104+99.64
 A = 2°-09'-31" 0°-20'
 D = 9'-30' 323.83
 T = 215.89'
 L = 131.12'
 P.C. = 103+95.05
 P.T. = 104+99.64
 S.E. = NONE
 17,188.73'

STA. 109 + 77, C.T.H. "N"
 DESIGN TYPE "C" INTERSECTION REQ'D.

P.O.T. = STA. 109 + 77.47 C.T.H. "N" CONST. R
 = STA. 109 + 77.55 C.T.H. "N" SURVEY T_L
 = STA. 10 + 00.00 C.T.H. "I"

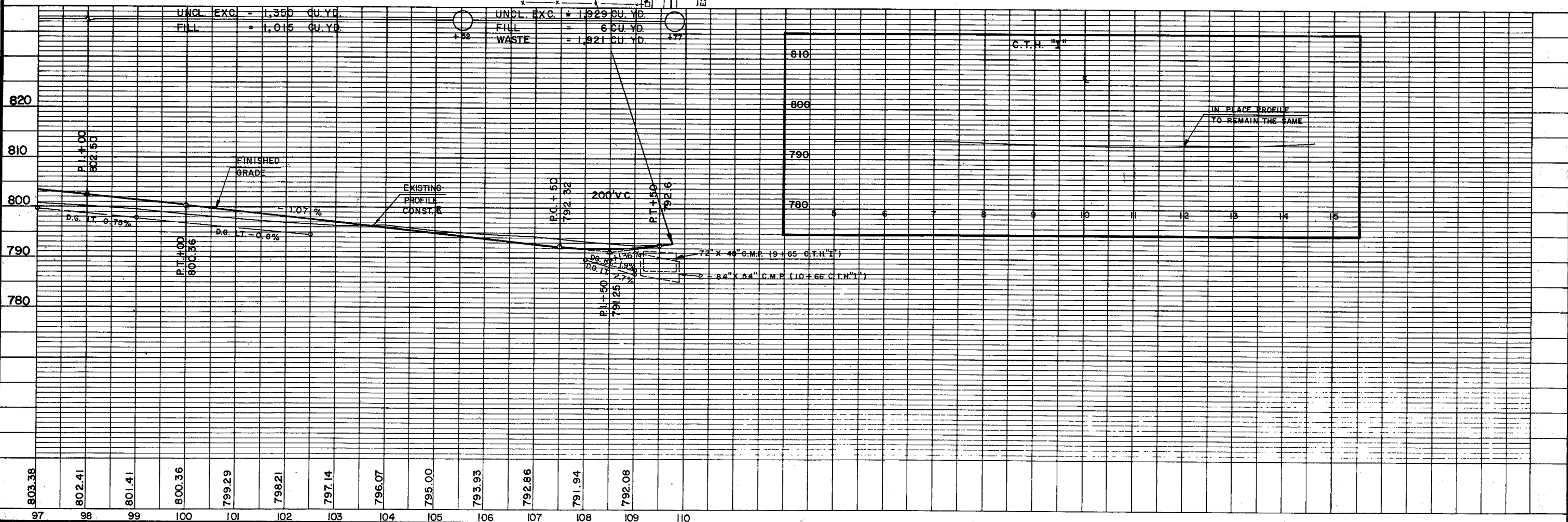


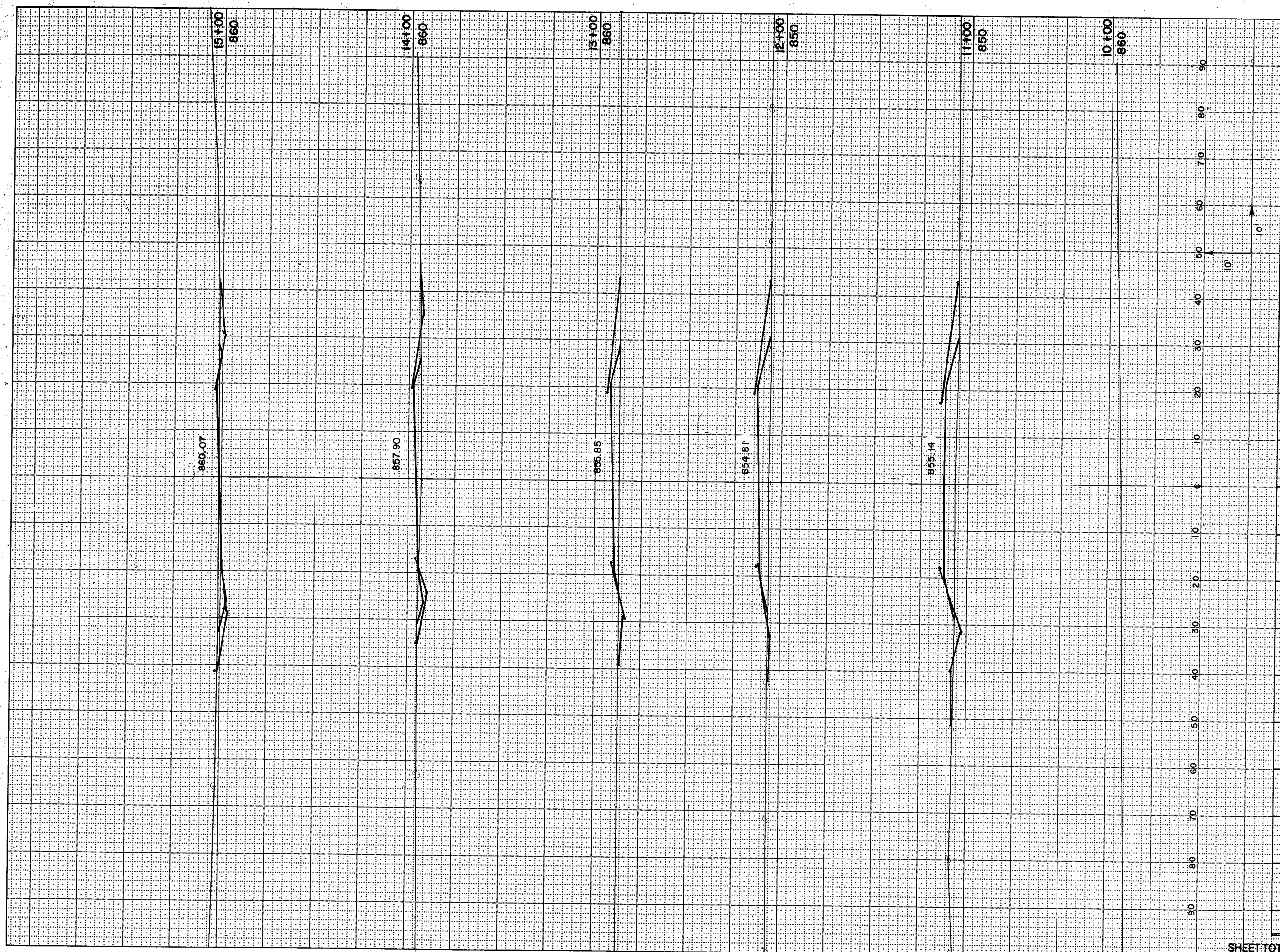
NO.	STA.	DESCRIPTION	ELEV.
14	99+60	40D SPIKE IN PP #1716-14E6	31'R. 800.50
15	106+18	40D SPIKE IN PP #1716-14E4	31'R. 797.09

**END PROJECT
STA. 109+77.55**

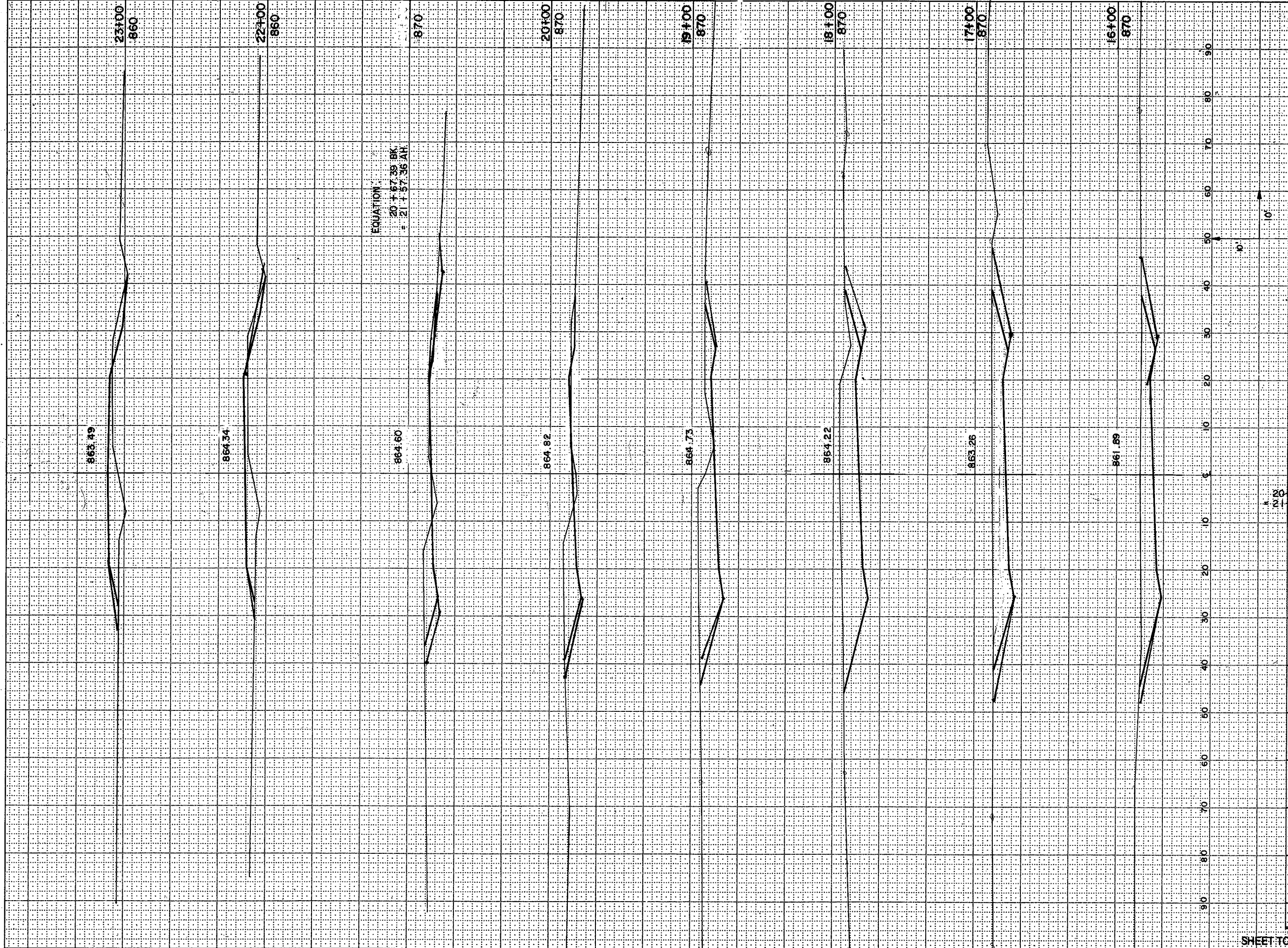
UNCL. EXC. = 1,350 CU. YD.
 FILL = 1,015 CU. YD.

UNCL. EXC. = 1,029 CU. YD.
 FILL = 6 CU. YD.
 WASTE = 1,021 CU. YD.

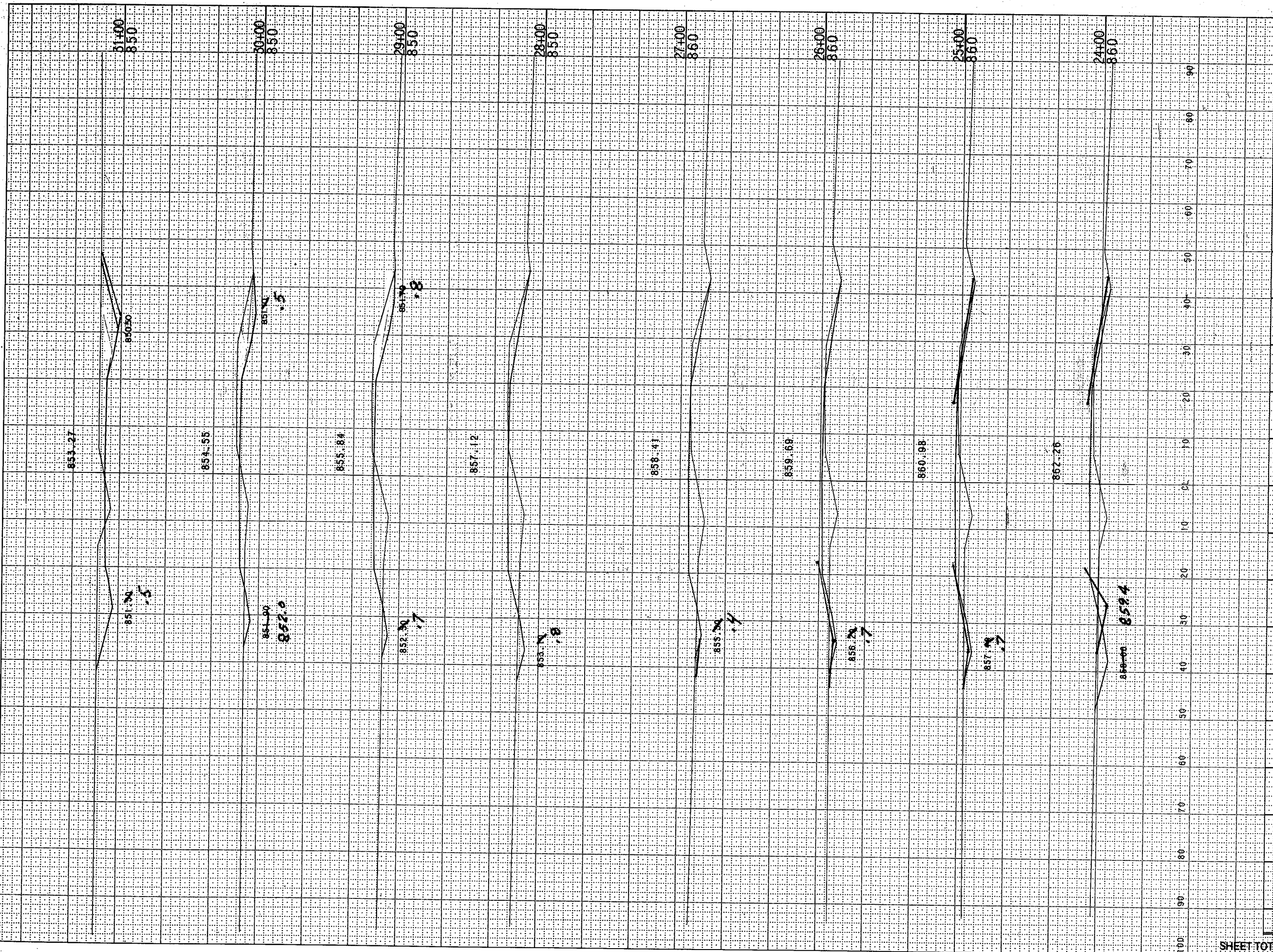




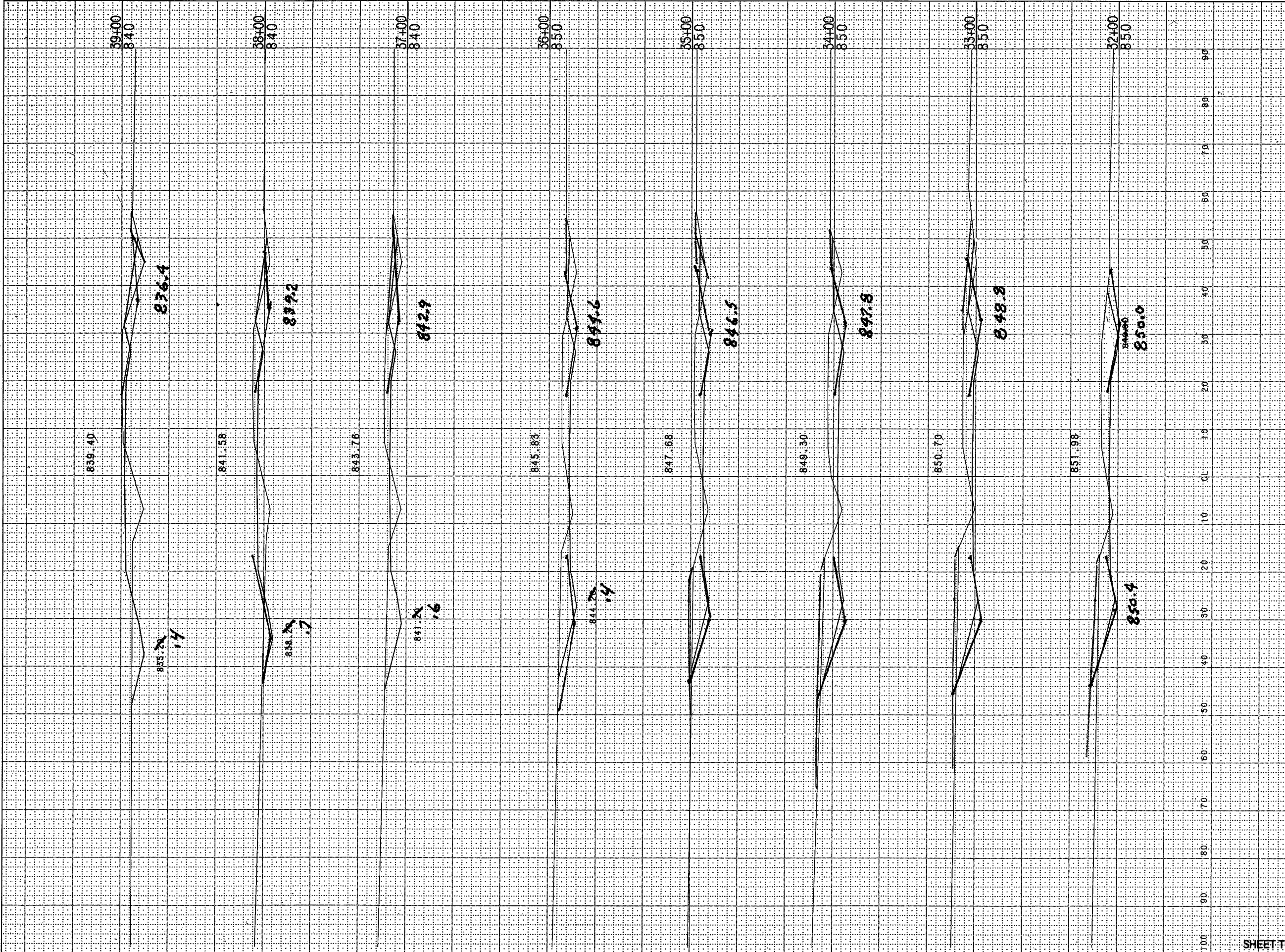
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
0			
1			181
2			481
3			370
4	18		241
5	74		111
6	463		19
7			
8			
9			
SHEET TOTAL		556	1,403



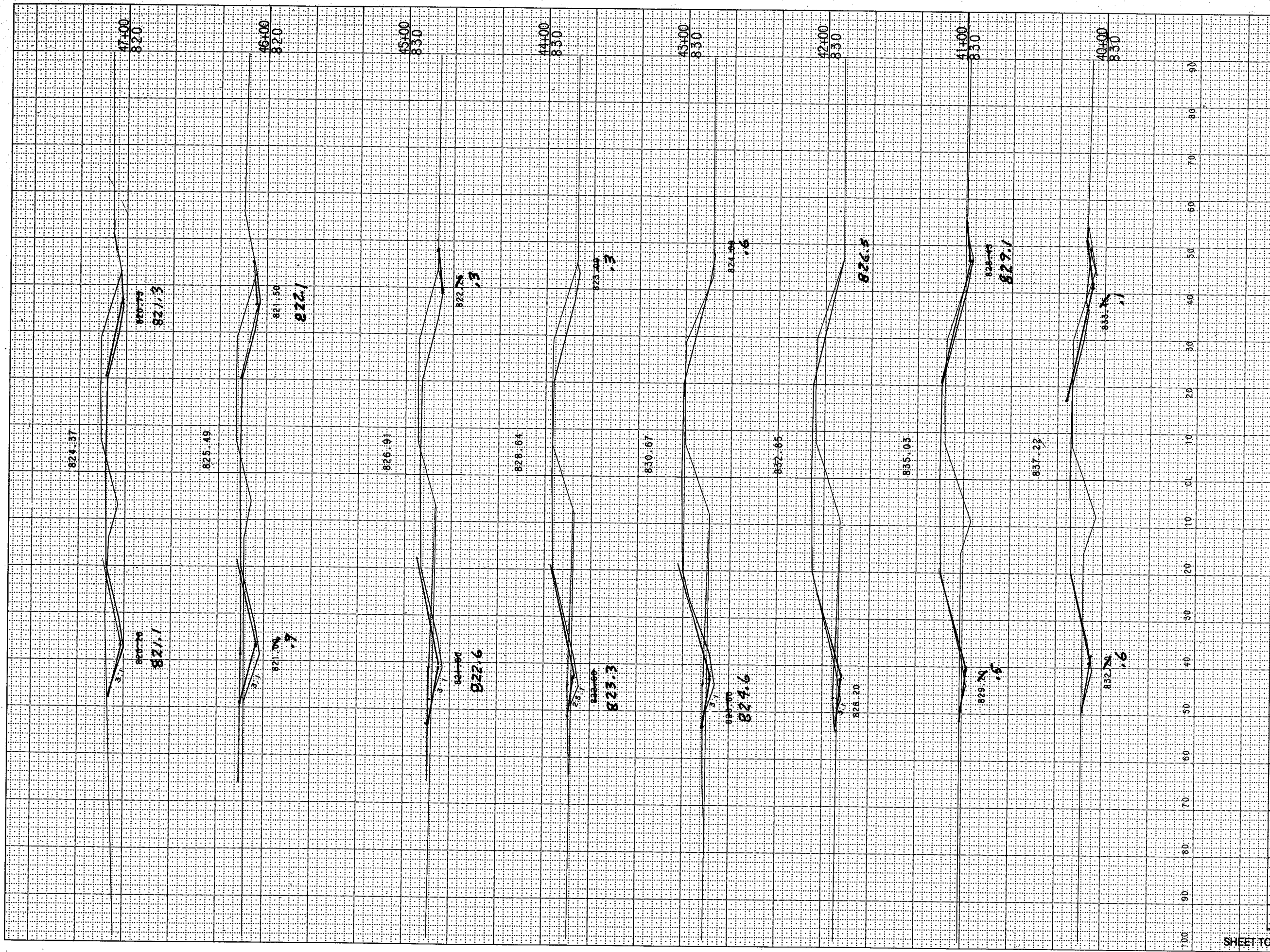
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
16			
17	833		
18	981		
19	944		
20	537		30
21	161		44
22	56		79
23	74		315
24	81		300
SHEET TOTAL		3,667	768



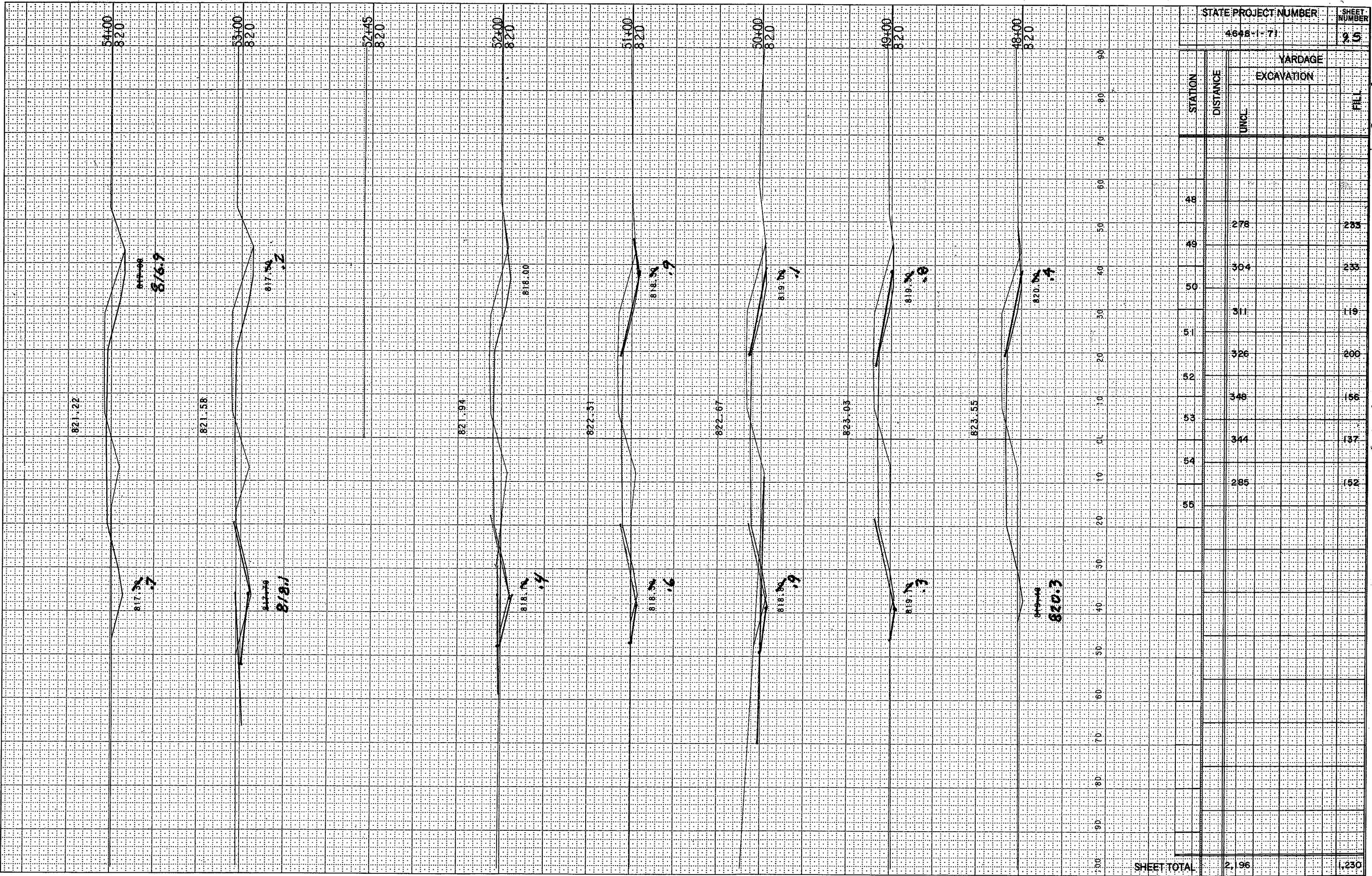
STATION	DISTANCE	YARDAGE	
		UNCL	FILL
24			
25	78		263
26	46		244
27	53		241
28	81		259
29	148		257
30	185		148
31	304		63
32	426		15
SHEET TOTAL		1,503	1,470



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
32+00			
32+10		530	15
32+20		607	41
32+30		522	66
32+40		457	89
32+50		381	80
32+60		256	156
32+70		192	257
32+80		189	333
32+90			
SHEET TOTAL		3,114	985

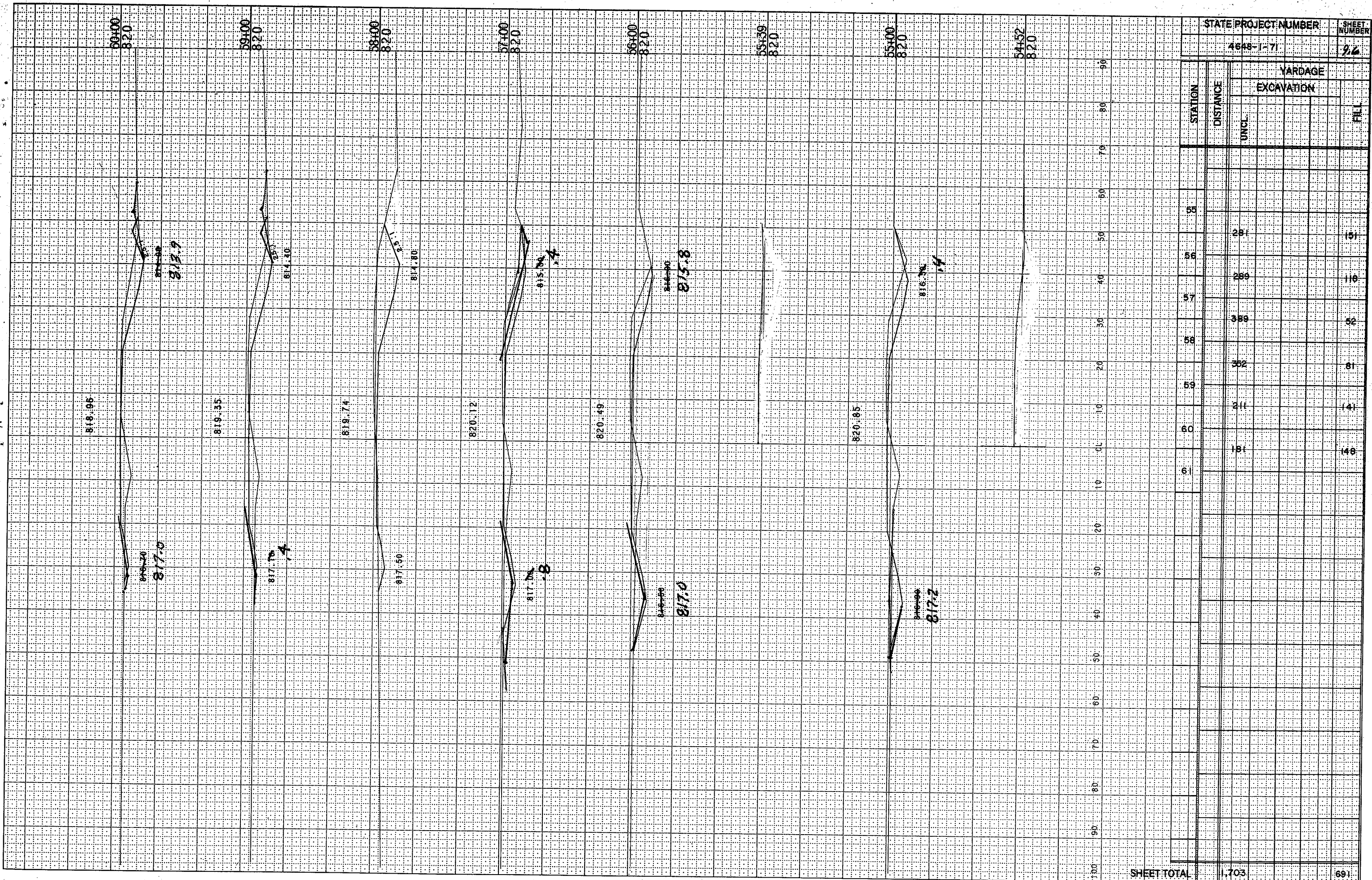


STATE PROJECT NUMBER		SHEET NUMBER	
4648-1-71		94	
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
40			
41	141		496
42	59		670
43	56		707
44	152		574
45	252		381
46	370		192
47	470		100
48	393		163
SHEET TOTAL		1,693	3,283



STATE PROJECT NUMBER: 4648-1-71
 SHEET NUMBER: 95

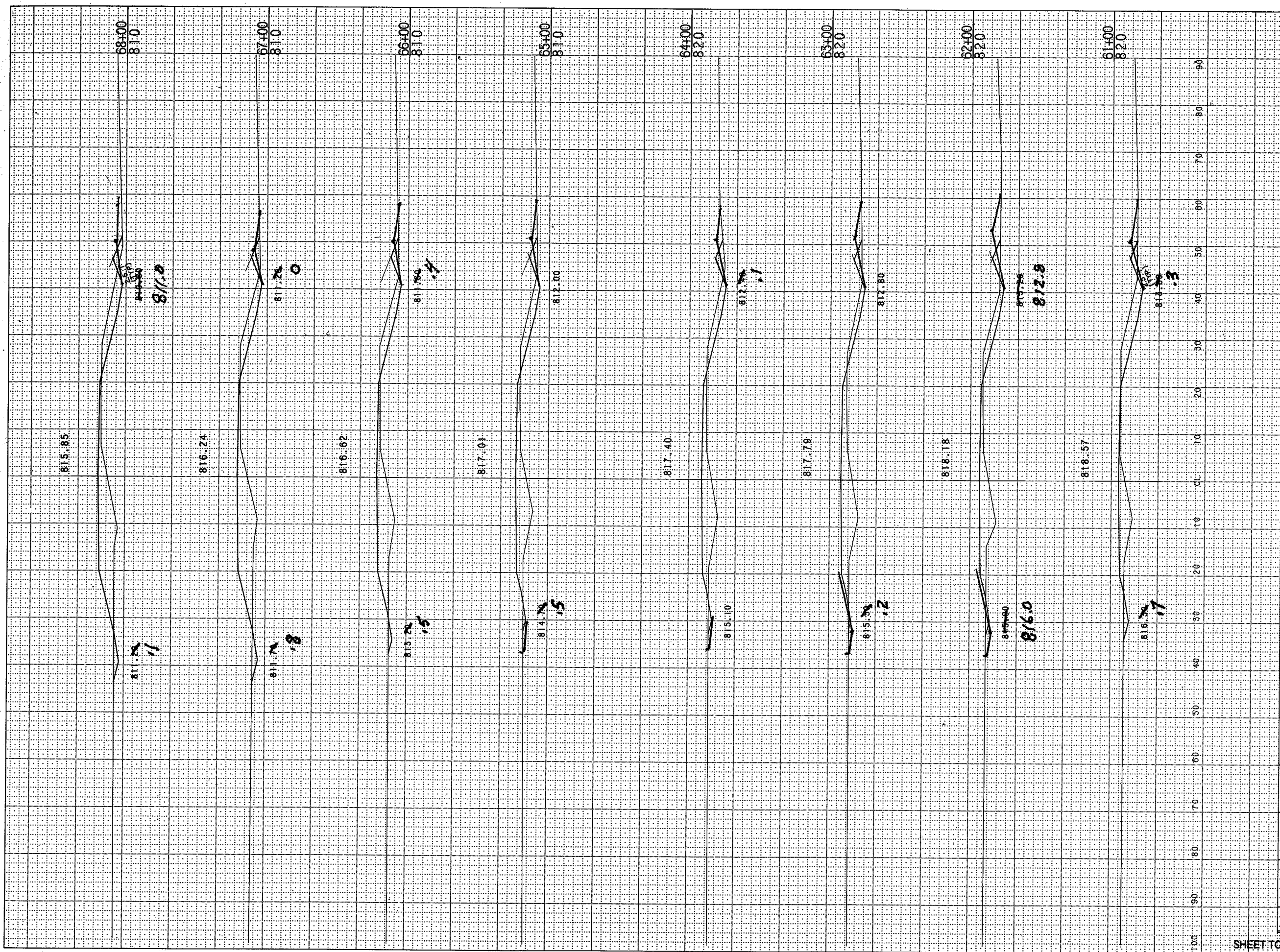
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
48			
49		278	285
50		304	233
51		311	119
52		326	200
53		348	156
54		344	137
55		285	152
SHEET TOTAL		2,196	1,230



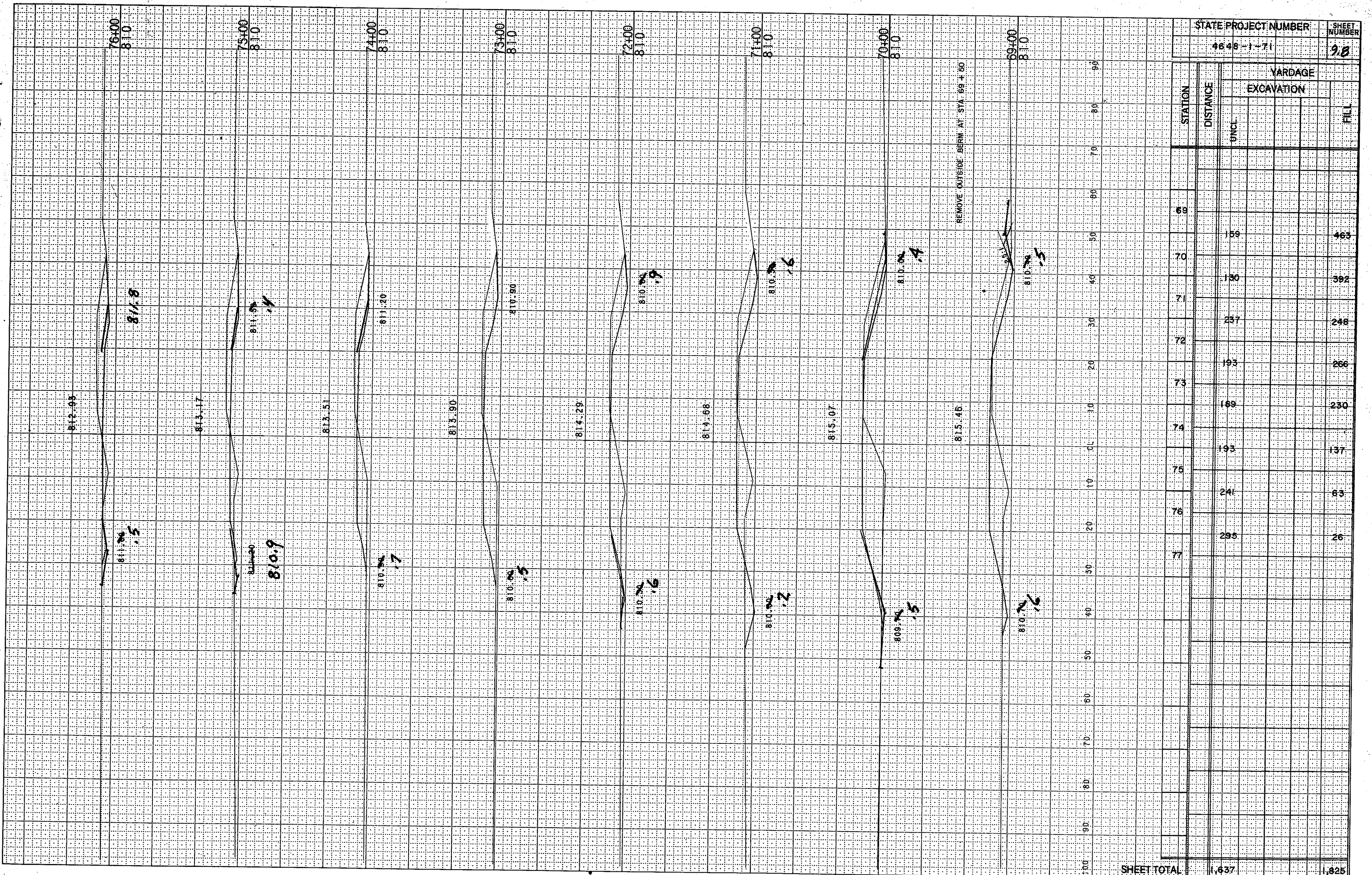
STATE PROJECT NUMBER
4648-1-71

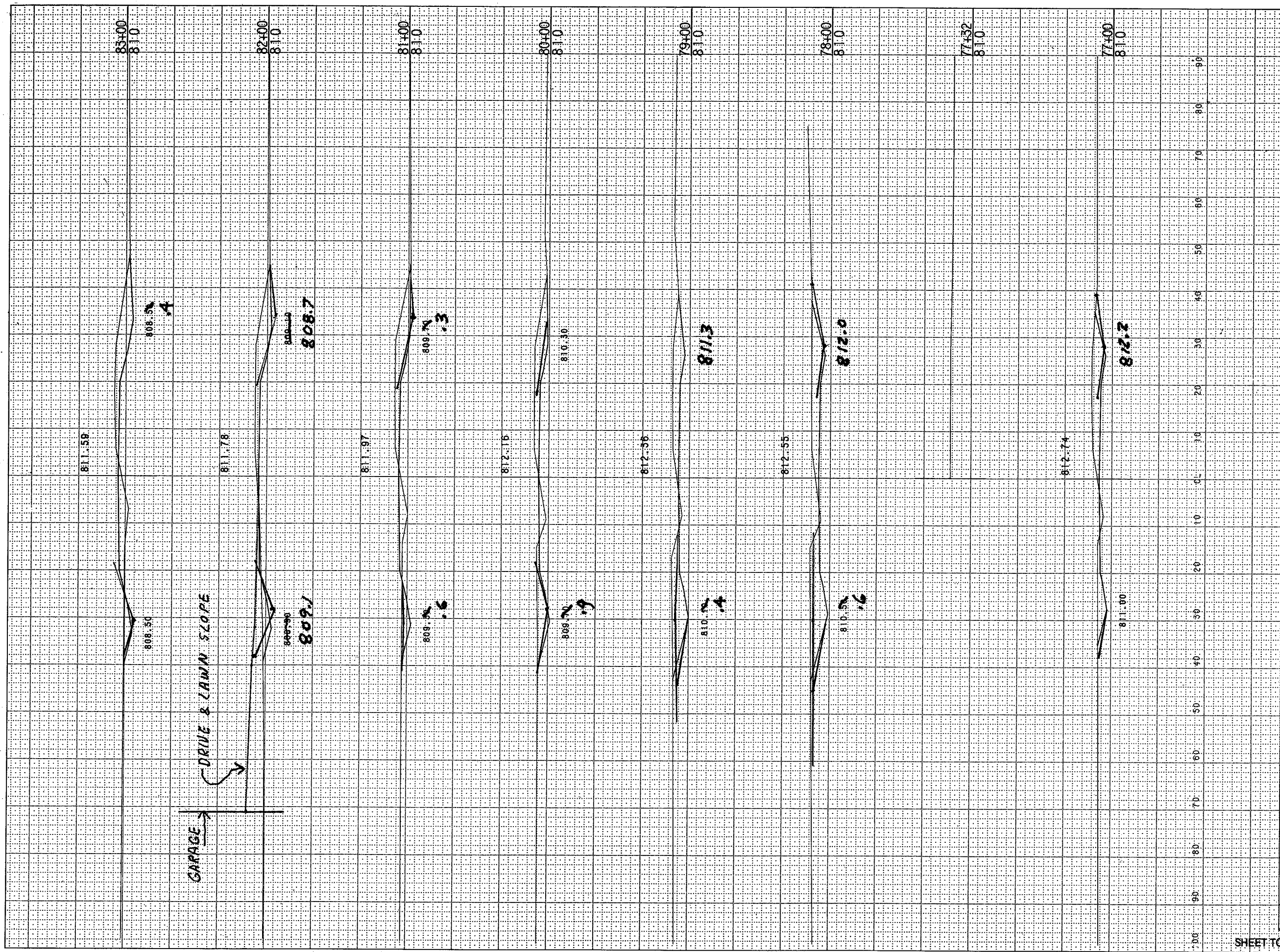
SHEET NUMBER
26

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
55		29	15
56		259	116
57		359	52
58		352	81
59		211	141
60		181	148
61			
SHEET TOTAL		1,703	691

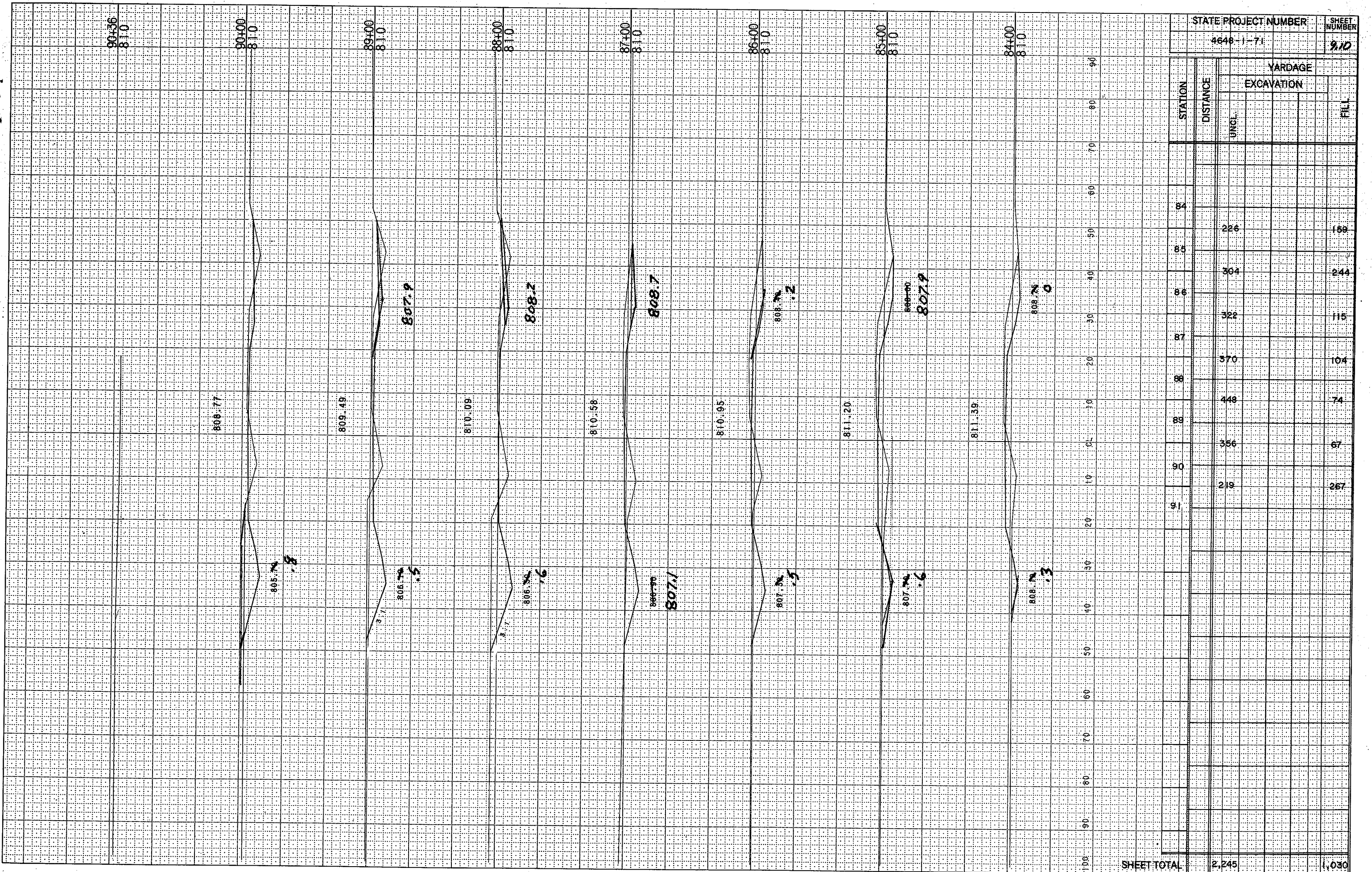


STATION	YARDAGE		FILL
	UNCL.	EXCAVATION	
61			
62	122		192
63	76		274
64	76		292
65	96		270
66	107		289
67	122		337
68	144		367
69	146		370
SHEET TOTAL	895		2,381



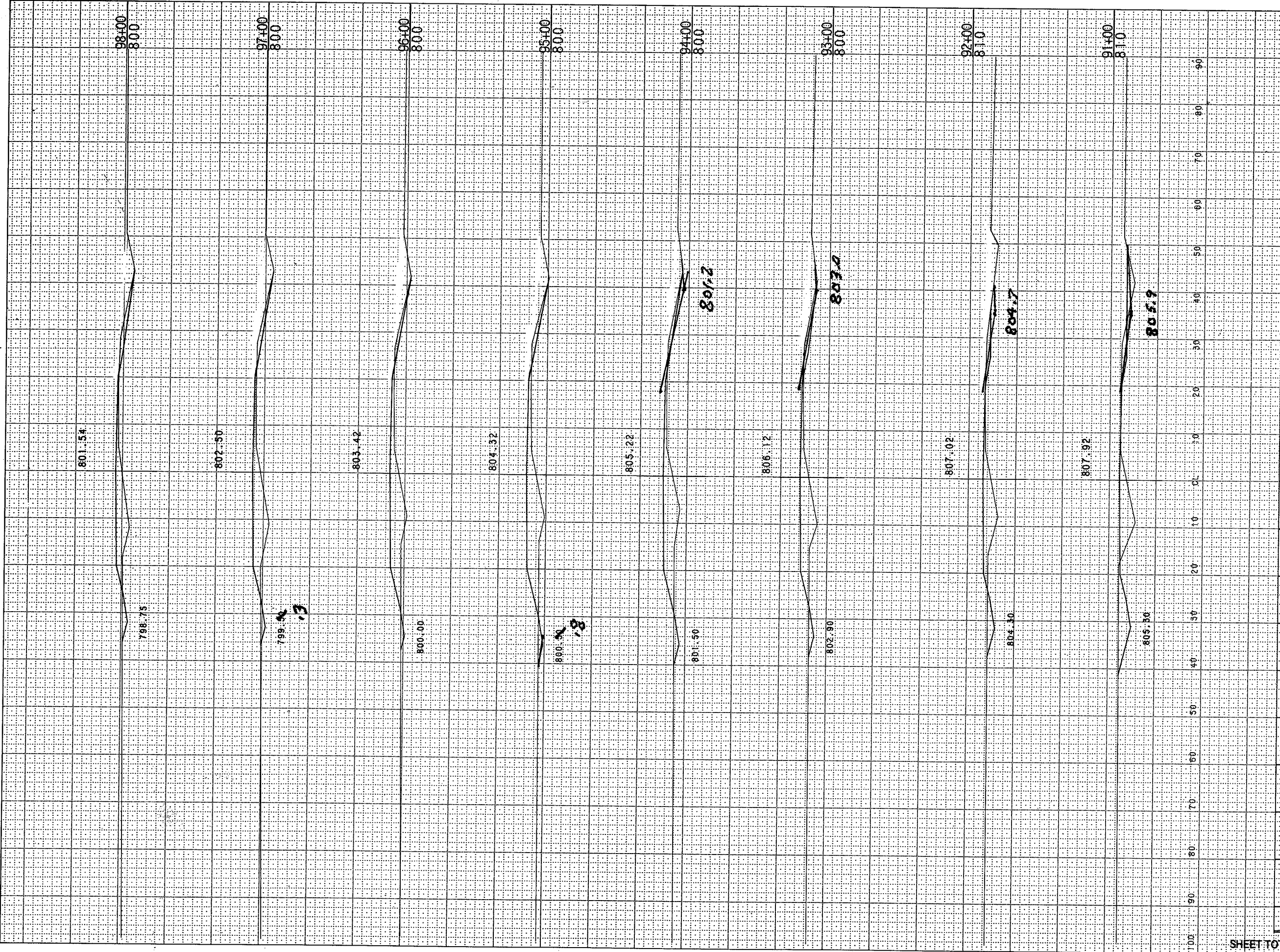


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
77			
78	400		7
79	459		3
80	385		22
81	315		56
82	293		41
83	293		67
84	246		137
SHEET TOTAL		2,393	333

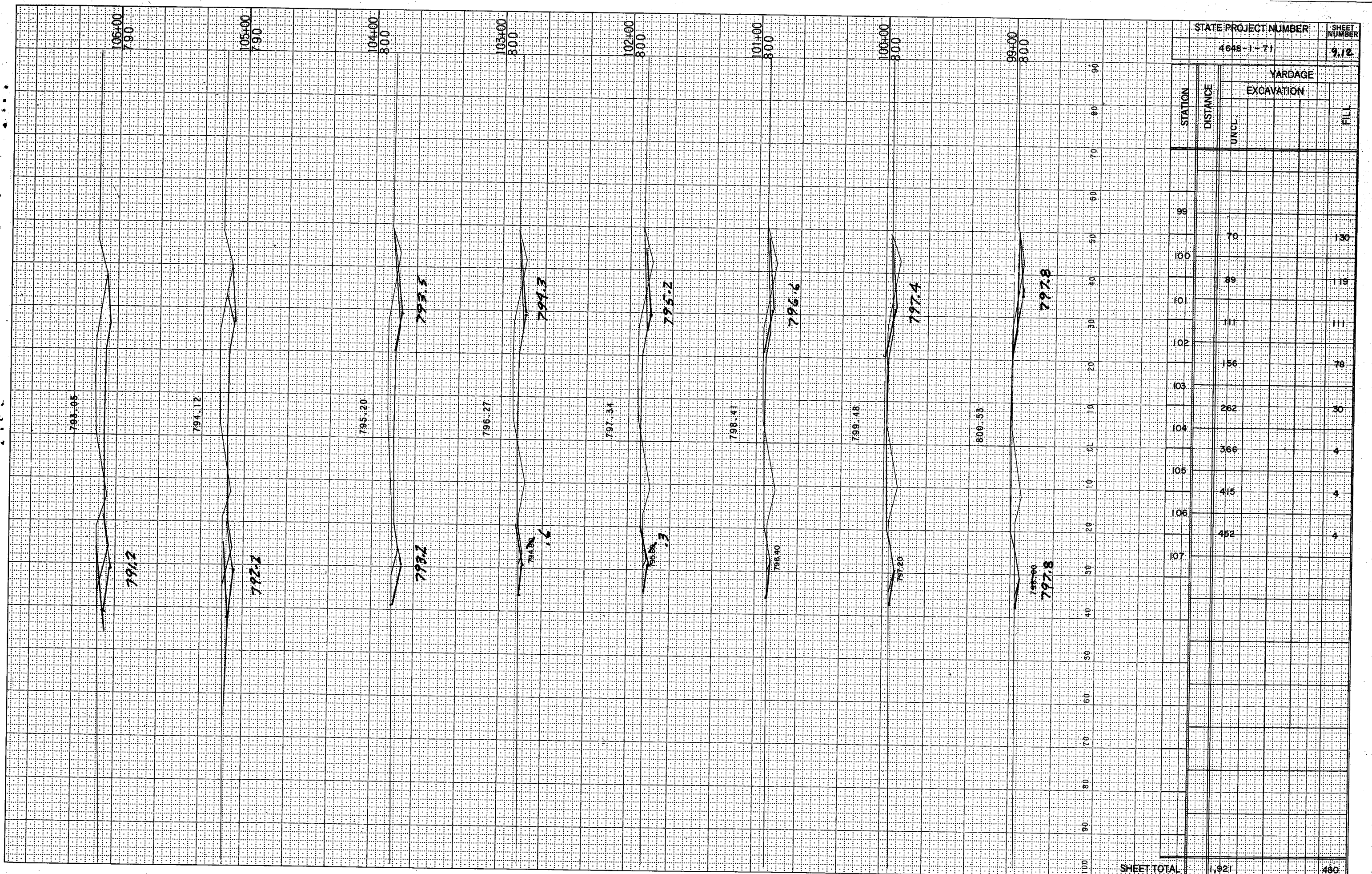


STATE PROJECT NUMBER: 4648-1-71
 SHEET NUMBER: 9.10

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
84			
85		226	158
86		304	244
87		322	115
88		370	104
89		448	74
90		356	67
91		219	267
SHEET TOTAL		2,245	1,030

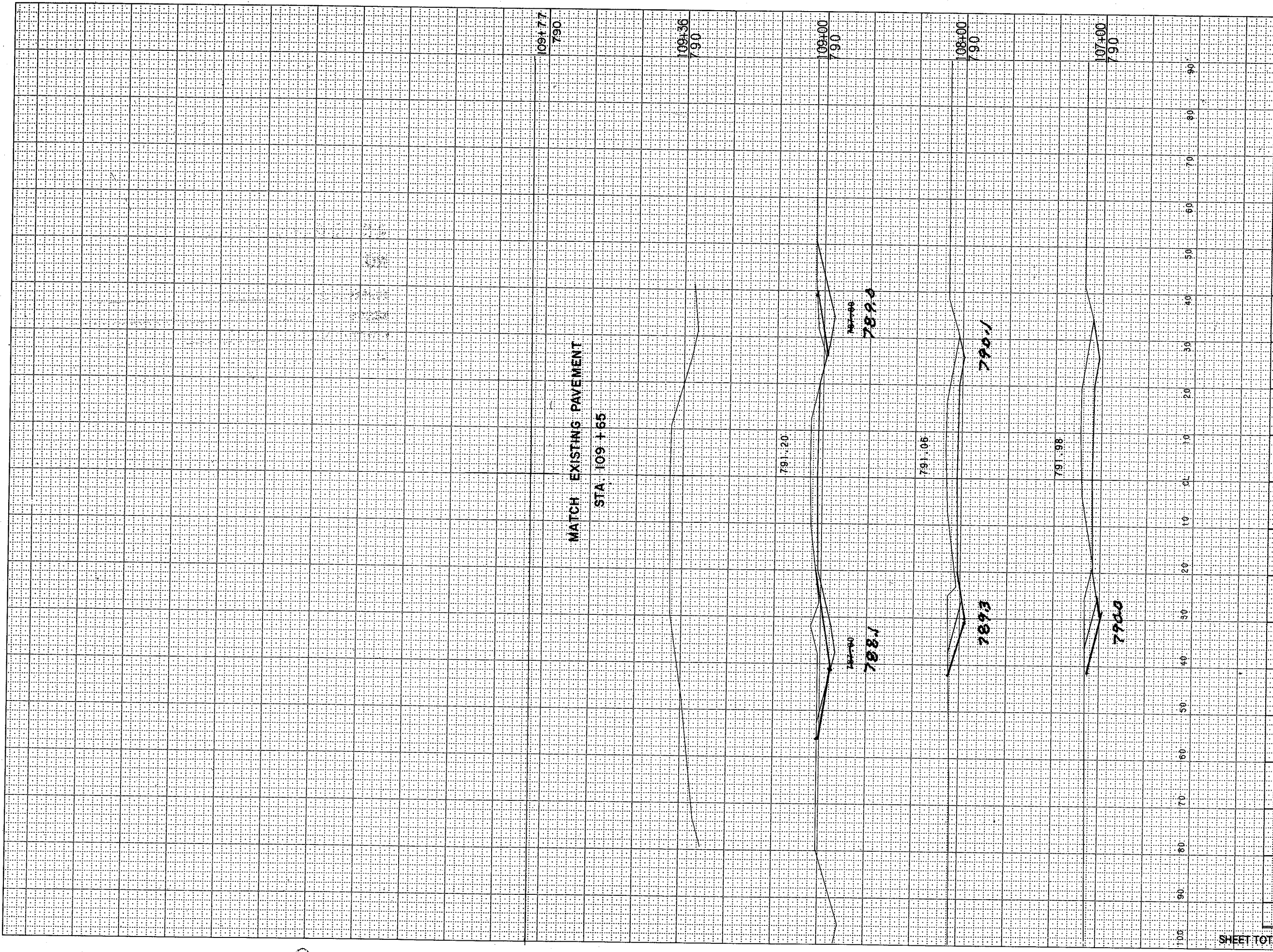


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
91			
92	100		158
93	33		176
94	22		169
95	22		274
96	15		325
97	15		235
98	22		157
99	41		130
SHEET TOTAL		270	1,625



STATE PROJECT NUMBER: 4648-1-71
 SHEET NUMBER: 9,12

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
98			
99	70		156
100	89		119
101	111		111
102	156		79
103	262		50
104	366		4
105	415		4
106	452		4
107			
SHEET TOTAL		1,921	480



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
107+00			
108+00			
109+00			
109+06			
109+20			
109+98			
107+00		470	
108+00		539	
109+00		248	
109+65			
SHEET TOTAL		1,277	