

INDEX OF SHEETS

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- SHEET NO. — DRAINAGE STRUCTURES
- SHEET NO. 12-25 CROSS SECTIONS

STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

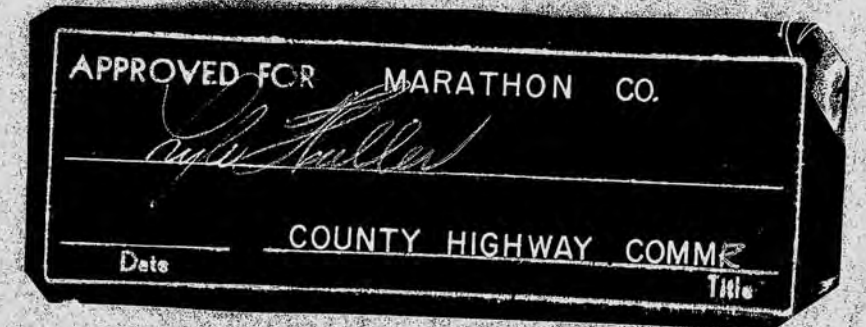
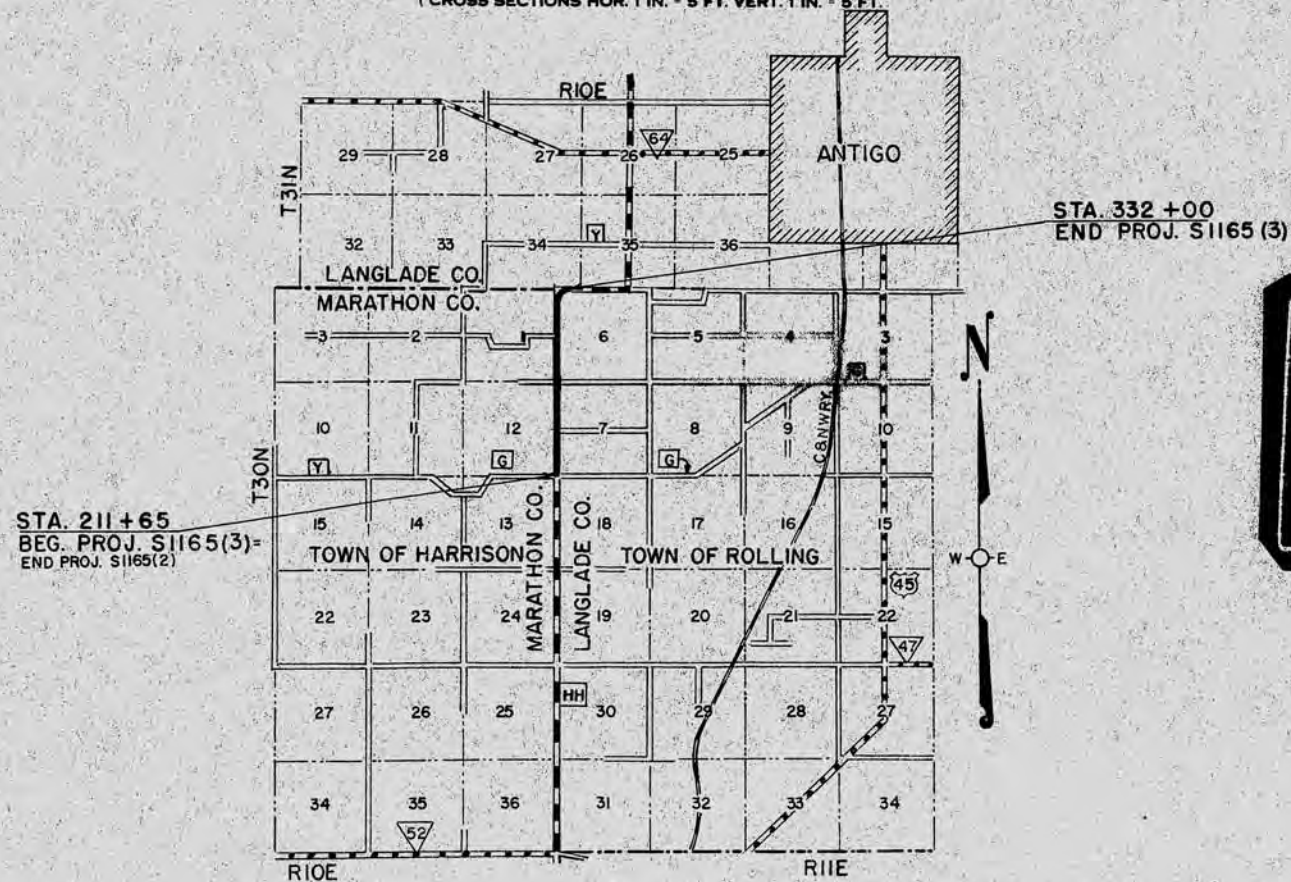
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
72.6	1165.0		11.3	WIS. 4	1	25



PLAN AND PROFILE OF PROPOSED
C.T.H. "G" - ANTIGO ROAD
C.T.H. "HH"
LANGLADE AND MARATHON COUNTIES
PROJECT S 1165(3)

COMMENCING AT A POINT 12 FT SOUTH OF THE NORTHEAST CORNER OF SEC. 13 T.30N. R.10E. AND EXTENDING NORTHERLY TO A POINT 879.3 FT EAST OF THE NORTHEAST CORNER SEC. 1 T.30N. R.10E.

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.



CONVENTIONAL SIGNS

- | | |
|---|--|
| <ul style="list-style-type: none"> 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 TRAVELED WAY OR P.E. RAILROADS BASE OR SURVEY LINE | <ul style="list-style-type: none"> CULVERTS IN PLACE CULVERTS REQUIRED DROP INLET POWER POLE TELEPHONE OR TELEGRAPH POLE RIGHT OF WAY MARKERS REFERENCE STAKE FOR HUBS ONLY MARSH HEDGE TREES GROUND ELEVATION GRADE ELEVATION |
|---|--|

LAYOUT

SCALE 1" = 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 2.279 MI.

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR HESS NOTE BOOK 8255 8256
DIVISION COMPUTER D.L.J. M.O. CHECKER
DISTRICT CHECKER J.E.M. CORRECT

CORRECT:
DATE 3/10/58 Max Jutte
DISTRICT ENGINEER

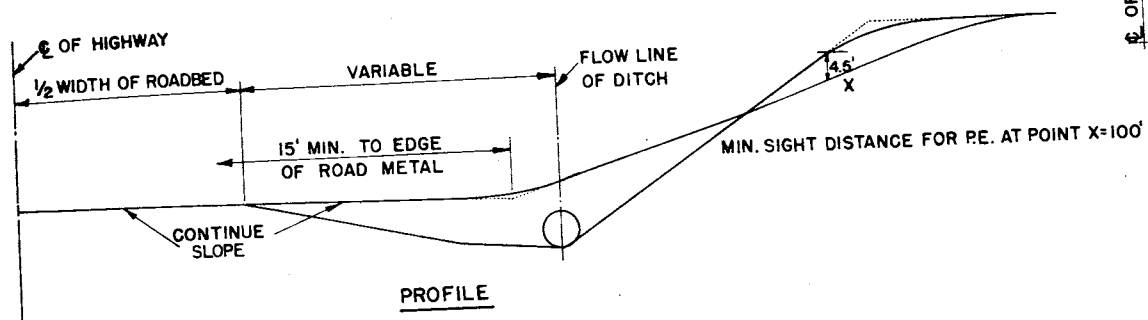
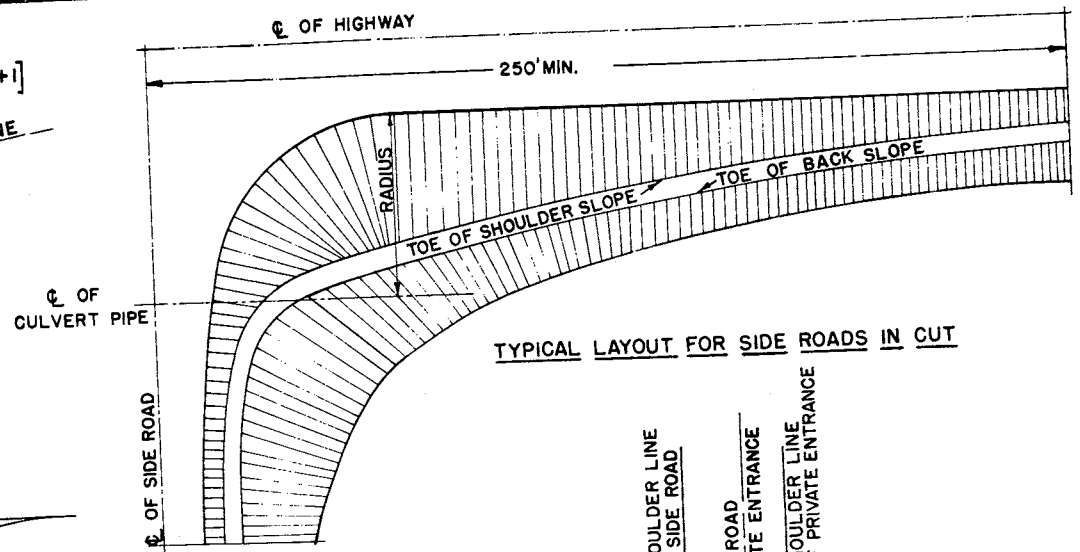
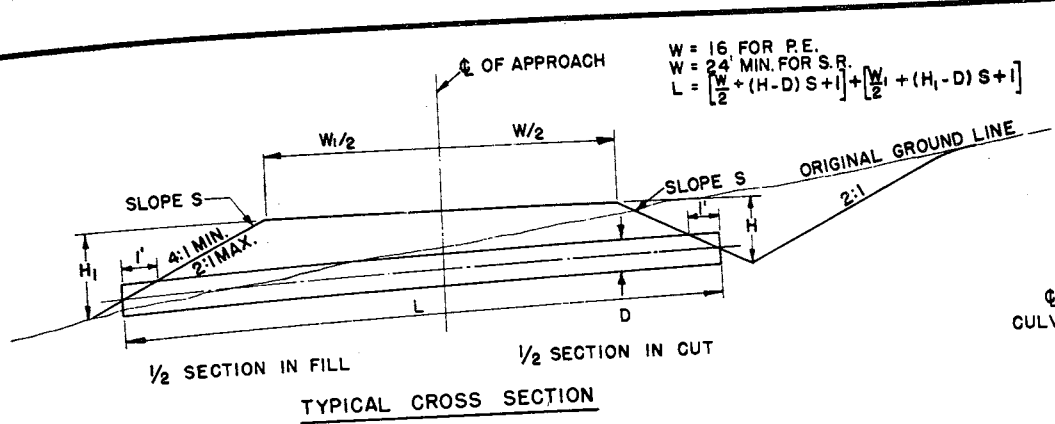
RECOMMENDED FOR APPROVAL:
DATE 3-11-58 J. J. Pelt
ENGINEER OF DESIGN

APPROVED:
DATE 3/14/58 E. C. Pettigrew
STATE HIGHWAY ENGINEER

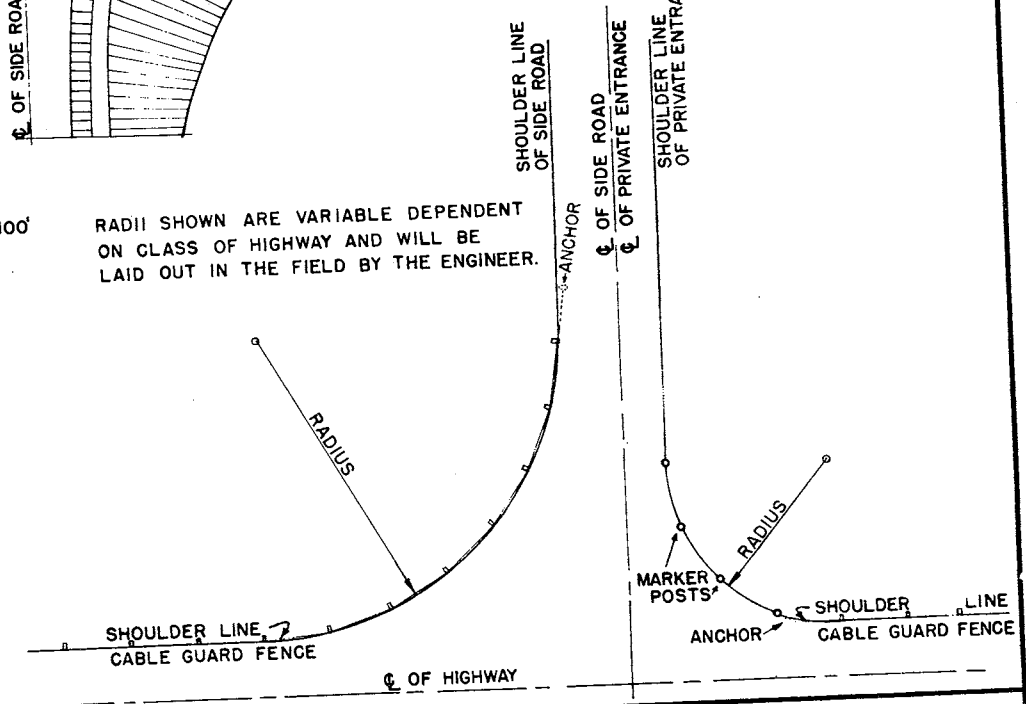
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DISTRICT ENGINEER

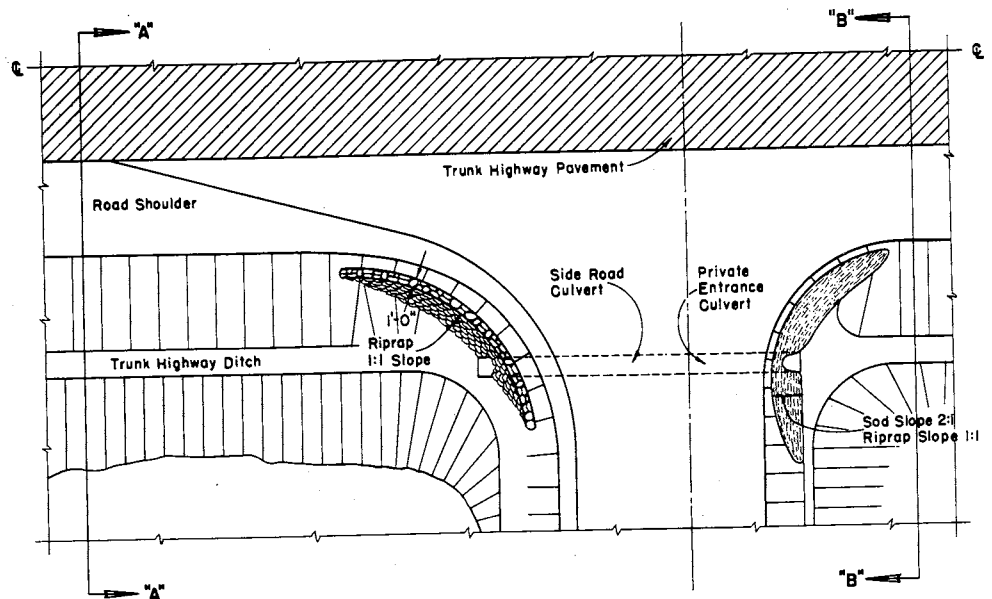
S 1165(3)



RADIUS SHOWN ARE VARIABLE DEPENDENT ON CLASS OF HIGHWAY AND WILL BE LAID OUT IN THE FIELD BY THE ENGINEER.



DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES
 STATE HIGHWAY COMMISSION OF WISC.
 RECOMMENDED FOR APPROVAL:
 Frank Crane
 DESIGN ENGINEER
 Construction Engineer
 DATE
 APPROVED: OCT. 1, 1945
 DRAWN
 CHECKED
 DATE
 STATE HIGHWAY ENGINEER

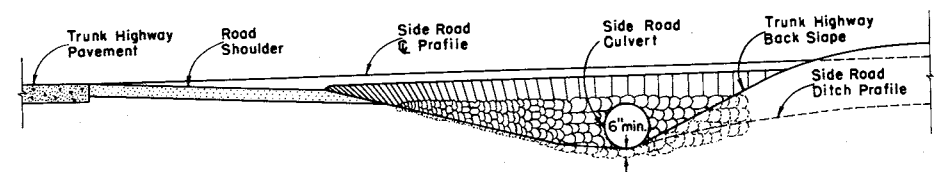


**PLAN VIEW
HALF SECTION SHOWING
RIPRAP PLACED AT
SIDE ROAD CULVERT**

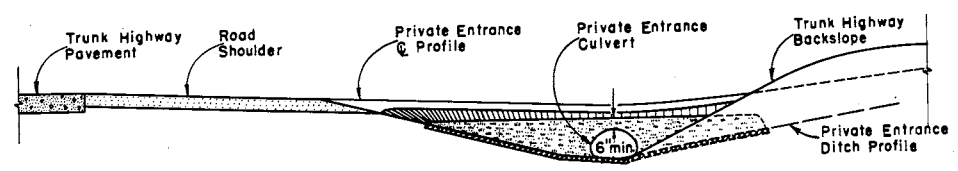
**PLAN VIEW
HALF SECTION SHOWING
SOD OR RIPRAP PLACED AT
PRIVATE ENTRANCE CULVERT**

TABLE OF QUANTITIES

SIDE ROAD CULVERTS		PRIVATE ENTRANCE CULVERTS		
Size of Culvert Pipe	Cu. Yds. Riprap One End	Size of Culvert Pipe	Cu. Yds. Riprap One End	Sq. Yds. Sod One End
—	—	18"	0.7	4
24"	1.0	24"	1.0	5
30"	1.3	30"	1.3	6
36"	2.0	36"	2.0	7
42"	2.7	42"	2.7	8
48"	3.6	48"	3.6	10



**ELEVATION VIEW SECTION "A-A"
SHOWING RIPRAP PLACED AT SIDE ROAD CULVERT**



**ELEVATION VIEW SECTION "B-B"
SHOWING SOD OR RIPRAP PLACED AT PRIVATE ENTRANCE CULVERT**

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, Section 2512 for Riprap, and Section 2533 for Sodding, and the applicable Special Provisions.

BID ITEMS

No. 2512 - 1 Riprap ----- Cu. Yds.
No. 2533 - 1 Sodding ----- Sq. Yds.

**RIPRAP AT SIDE ROAD CULVERTS
& RIPRAP OR SOD AT PRIVATE
ENTRANCE CULVERTS**

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

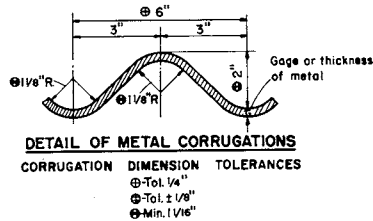
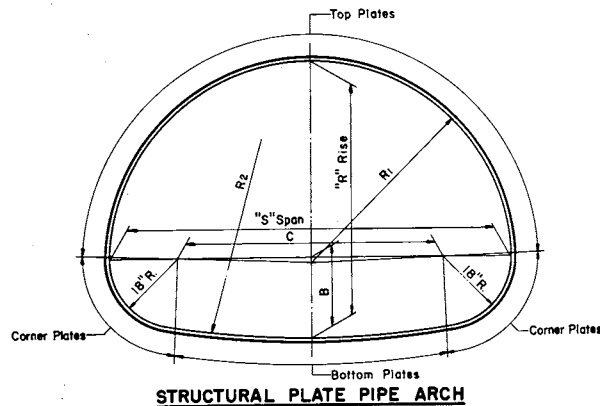
9/15/54
DATE

J.P.M.
ENGINEER OF DESIGN

APPROVED:

9/15/54
DATE

E.G. Rootman
STATE HIGHWAY ENGINEER



GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, Sections 2412 and 3116 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 C Culverts

For Flexible Type Pavement, the minimum depth of embankment or cover over top of Pipe Arch (finished construction) shall be 5/10 or 1'-0" minimum.

For Rigid Type Pavement, the minimum depth of embankment over top of Pipe Arch shall be 5/14 or a minimum of 6" cushion between pipe and pavement.

EMBANKMENT—Maximum for C 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.

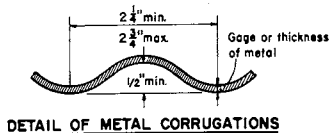
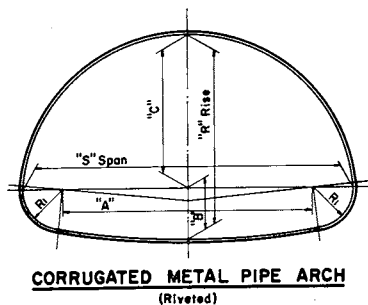
Strutting of Pipe Arches will not be required during construction unless specifically called for on the plans or the applicable Special Provisions.

**TABLE OF PROPERTIES
STRUCTURAL PLATE PIPE ARCH**

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



GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, Sections 2411 and 3116 and the applicable Special Provisions.

TOLERANCES

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

EMBANKMENT—Minimum for C Culverts

For Flexible Type Pavement, the minimum depth of embankment or cover over top of Pipe Arch (finished construction) shall be 5/10 or 9" minimum.

For Rigid Type Pavement, the minimum depth of embankment over top of Pipe Arch shall be 5/14 or a minimum of 3" cushion between pipe and pavement.

EMBANKMENT—Maximum for C 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**

Gage (Min. Accept- able)	CORRUGATED METAL PIPE ARCH							Round Pipe of Approx. Equal Periphery		
	"S" Span Inches	"R" Rise Inches	"A" Inches	"B" Inches	"C" Inches	R _i 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:

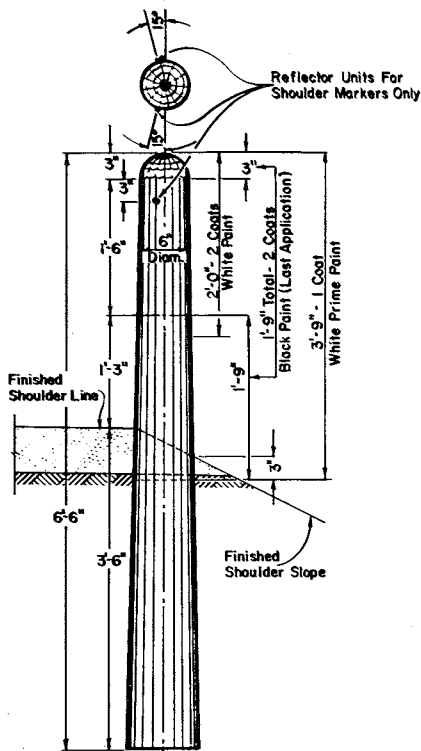
5-27-57
DATE

J. Pelt
ENGINEER OF DESIGN

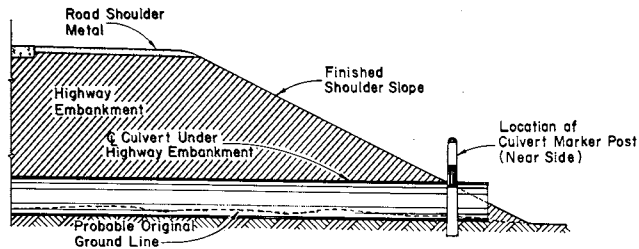
APPROVED:

5/28/57
DATE

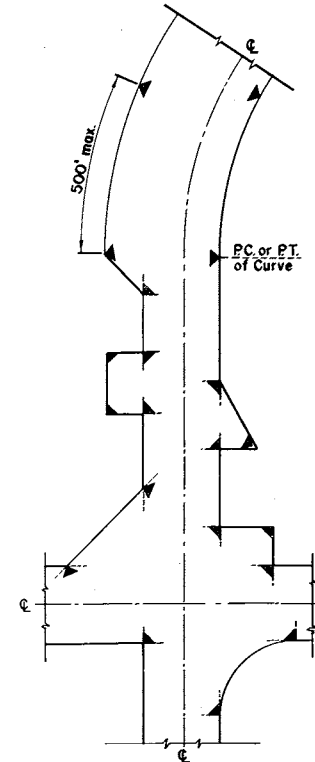
E. G. Rottgers
STATE HIGHWAY ENGINEER



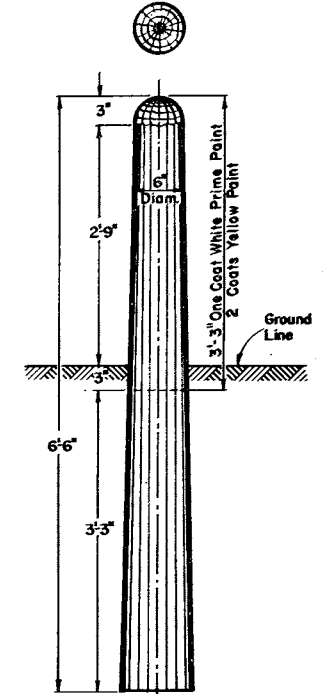
MARKER POST FOR ROAD SHOULDERS AND CULVERTS



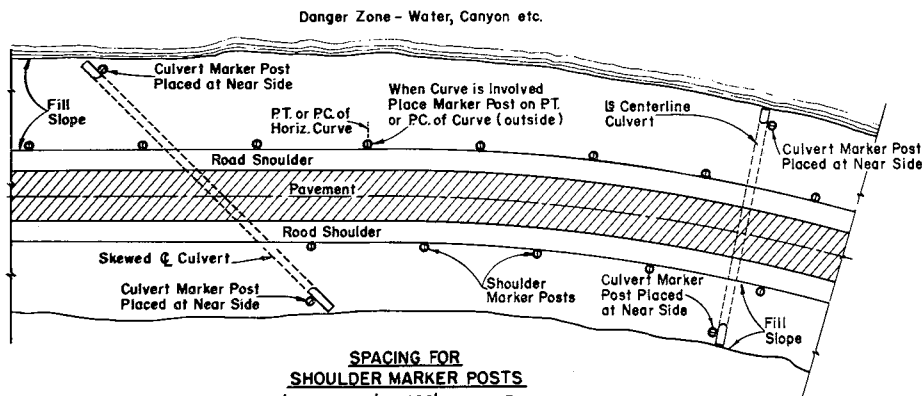
SECTION SHOWING RELATIVE LOCATION OF MARKER POST FOR CULVERTS



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 AND CULVERT MARKER POSTS

MARKER POSTS FOR ROAD SHOULDERS AND CULVERTS

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 Sections 2523, 4124 and 4125 and the applicable Special Provisions.

All posts for Road Shoulder Markers, Culvert Markers and Right of Way Markers are identical except for Painting and Reflector Units. All Posts shall be round and untreated and shall be either Northern White Cedar, Southern Yellow Pine, Norway Pine, White Pine or Jack Pine.

MARKER POSTS FOR RIGHT OF WAY

Right of Way Marker Posts shall be erected in advance of Grading Operations. Posts may be shaped and painted prior to erection. Any damaged areas occurring to paint surface during erection or other subsequent operations must be repainted prior to acceptance.

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 shall be staked in the field by the Engineer.

Reflector Units for Right of Way Marker Posts will not be required.

REFLECTOR UNITS

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. Reflector Units shall be installed in Road Shoulder Marker Posts only.

BID ITEMS

No. 2523-5 Marker Posts.....Each
 No. 2523-6 Marker Posts for Right of Way.....Each

MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL

5/16/57
 DATE

APPROVED:

5/16/57
 DATE

J. P. Pitt
 ENGINEER OF DESIGN

E. L. Postema
 STATE HIGHWAY ENGINEER

PLATE NO. 7-1.3.3.

ESTIMATE OF QUANTITIES

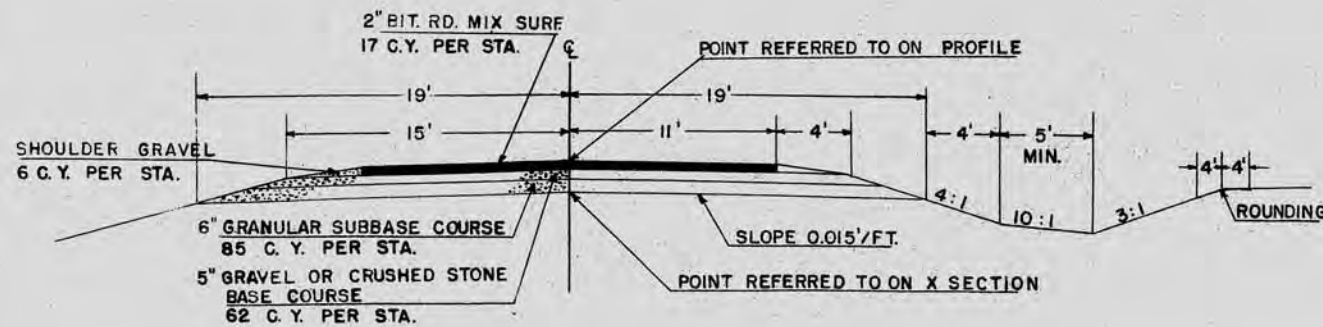
CONTRACT NO. 1

PROJECT	SHEET NUMBER	TOTAL SHEETS
S1165 (3)	2	25

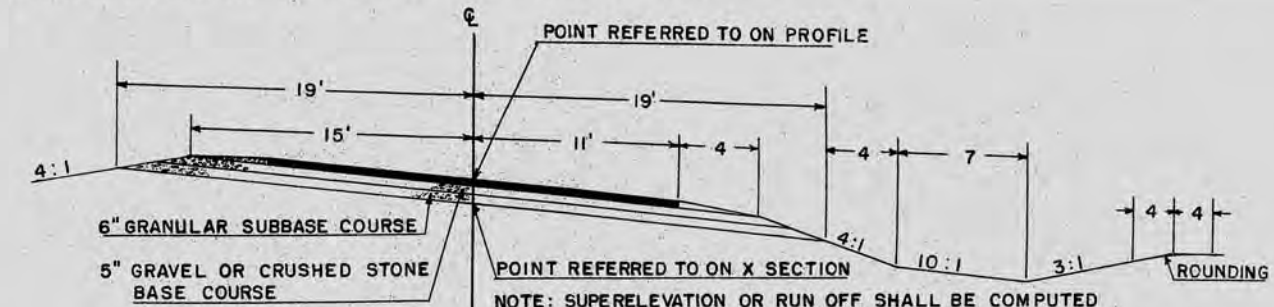
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1957
APPROVED AUGUST 9, 1957 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			GRANULAR SUBBASE COURSE	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	CULVERT PIPE					RIP-RAP	GUARD FENCE			MARKER POSTS FOR R/W	MARKER POSTS FOR R/W	BITUMINOUS ROAD MIX SURFACE	AGGREGATES FOR BITUMINOUS ROAD MIX SURFACE	BITUMINOUS MATERIAL FOR SURFACE COURSE	SODDING	CORRUGATED MET. PIPE ARCH			TOPSOIL	FERTILIZER	SEEDING	
				MARSH	UNCLAS.	BORROW					18"	24"						43" X 27"	50" X 31"							72" X 44"	SQ. YD.	CWT.				SQ. YD.
				C.Y.	C.Y.	C.Y.					C.Y.	L.F.	L.F.	L.F.	L.F.		C.Y.	L.F.	EACH							EACH	S.Y.	C.Y.				GAL.
211+65-332+00	12,035		32	1640	24,000	17,000	10,800	1		8600	482	110				60			18		29,500	2100	38,000	354		58	276	132				

* TO MEET REQUIREMENTS FOR GRADATION NO. 2 SUBSECTION 3105.06

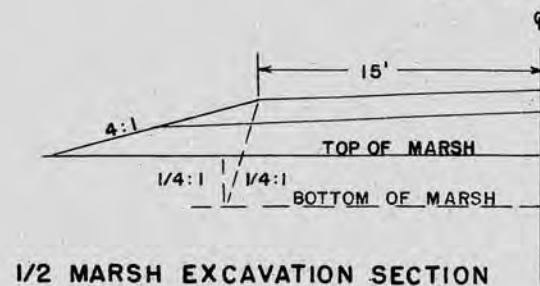


TYPICAL FINISHED SECTION ON TANGENTS



NOTE: STRAIGHT LINE SLOPES ON ALL CURVES AND ALL PAVEMENT CROWN REMOVED

TYPICAL FINISHED SECTION ON CURVES



1/2 MARSH EXCAVATION SECTION

NOTE: SEE MISCELLANEOUS QUANTITIES SHEET FOR LOCATIONS. AREAS TO BE STAKED IN THE FIELD BY ENGINEER

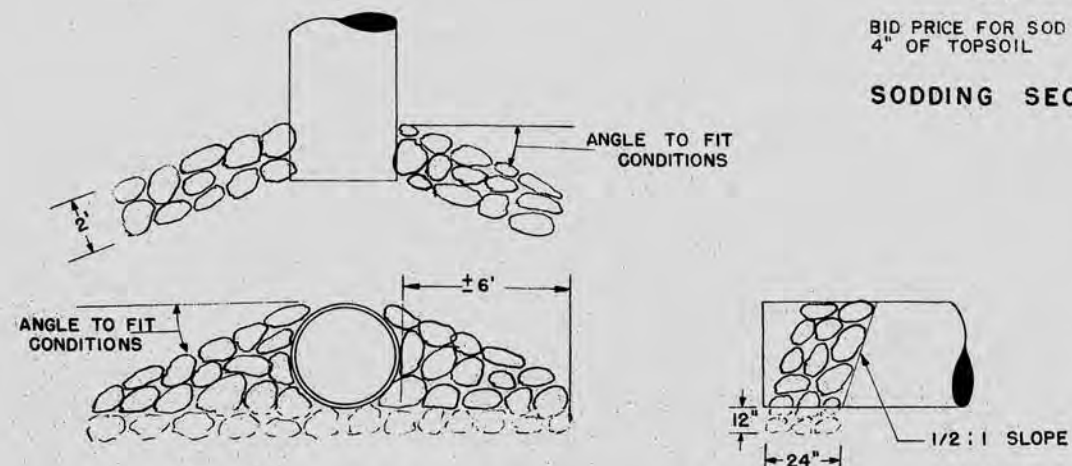


BID PRICE FOR SOD INCLUDES 4" OF TOPSOIL

SODDING SECTION

APPLICABLE STANDARD DETAIL DRAWINGS

- | | |
|---|---------|
| PRIVATE ENTRANCE AND SIDE ROAD APPROACHES | 1-3.1.1 |
| RIPRAP AT SIDE ROAD CULVERTS & RIPRAP OR SOD AT PRIVATE ENTRANCE CULVERTS | 6-2.5.1 |
| STRUCTURAL PLATE PIPE ARCH & CORR. METAL PIPE ARCH | 6-5.3.1 |
| MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY | 7-13.3 |



RIPRAP FOR CULVERT END WALLS UNDER ROADWAY

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

STA. TO STA.	GRUBBING STA. (GRUBBING)	CU. YDS.
212+00 - 219+00	7	
219+00 - 222+00	0	
222+00 - 224+00	2	
224+00 - 225+00	0	
225+00 - 226+00	1	
226+00 - 227+00	0	
227+00 - 228+00	1	
228+00 - 230+00	0	
230+00 - 231+00	1	
231+00 - 241+00	0	
241+00 - 243+00	2	
243+00 - 263+00	0	
263+00 - 264+00	1	
264+00 - 273+00	0	
273+00 - 278+00	5	
278+00 - 291+00	0	
291+00 - 296+00	5	
296+00 - 307+00	0	
307+00 - 310+00	3	
310+00 - 313+00	0	
313+00 - 315+00	2	
315+00 - 319+00	0	
319+00 - 321+00	2	
TOTALS	32	

GRANULAR SUBBASE COURSE STA. TO STA.	CU. YDS.
211+65 - 332+00	10,230
14 Private Entrances	110
4 Town Roads	460
	10,800

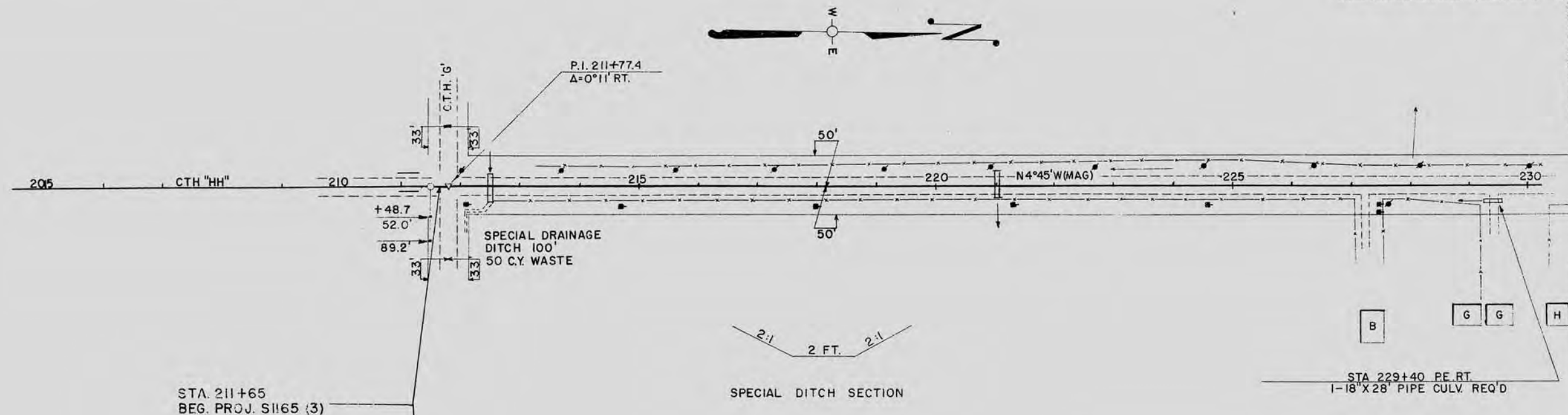
GRAVEL OR CRUSHED STONE BASE COURSE STA. TO STA.	CU. YDS.
211+65 - 332+00	7,460
Shoulders	700
14 Private Entrances	140
4 Town roads	300
	8,600

UNCLASSIFIED EXCAVATION CROSS Sections Offtake ditches Undistributed	Cu. Yds.
	23,621
	100
	279
	24,000

STATION	CULVERT PIPE App.	LOCATION		18"	24"	42"x27" Plate Pipe Arches	(S.Y.) Sod	Riprap	Marker Posts
		℄	Lt. Rt.						
212+50	x			52	50			3	2
221+00	x							4	2
229+40	P.E.		x	28			8		
238+20	S.R.		x	50			8		
241+40	P.E.		x	28			8	5	2
246+60						60		9	2
250+00	P.E.		x	28			8		
253+00							8		
264+65	S.R.		x	50			8		
264+65	S.R.		x	50			8		
269+80						72		9	2
273+10	F.E.		x	28			8		
273+50	P.E.		x	28			8		
282+85	P.E.		x	28			8		
290+60								5	2
290+60								5	2
294+00								6	2
300+50								5	2
300+50								5	2
303+80	P.E.		x	28			8		
323+00	P.E.		x	28	60		8		
324+50								4	2
Undist.				56			16		
TOTALS				484	110	58	132	60	18

SODDING STA. TO STA	SIDE LENGTH WIDTH SQ. YD.	
267+50 - 268+00	Lt.	50
268+50 - 269+00	Rt.	50
271+00 - 271+50	Lt.	50
271+00 to 271+50	Rt.	50
324+50 - 325+00	Rt.	50
Culvert Schedule		104
Total		354

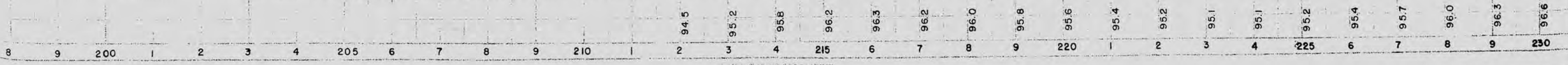
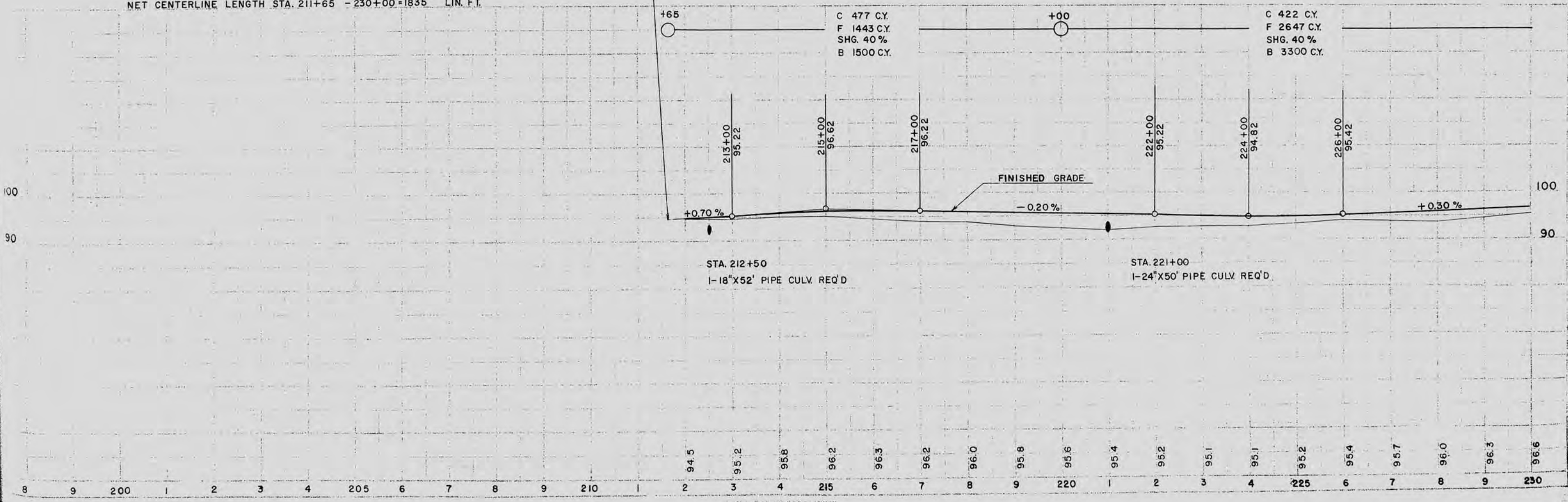
PROJECT	SHEET NO	TOTAL SHEETS
S 1165(3)	2A	25

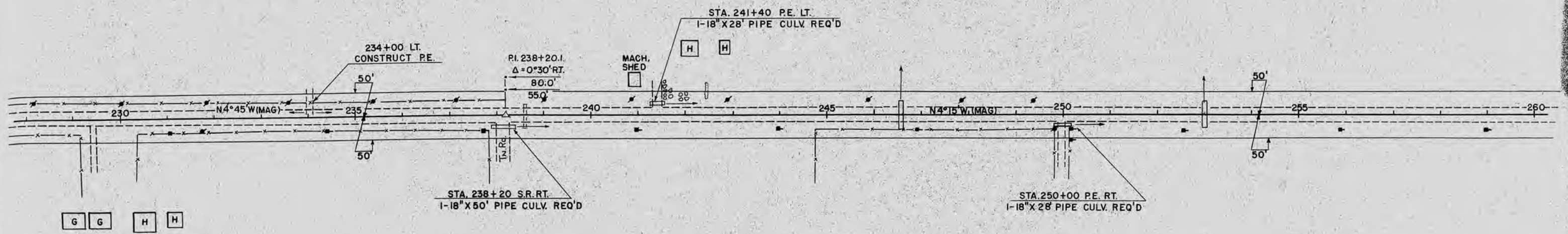


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
22	212+75	SPIKE IN 24" MAPLE 50' LT.	96.28
23	224+90	" " 20" MAPLE 80' LT.	92.16

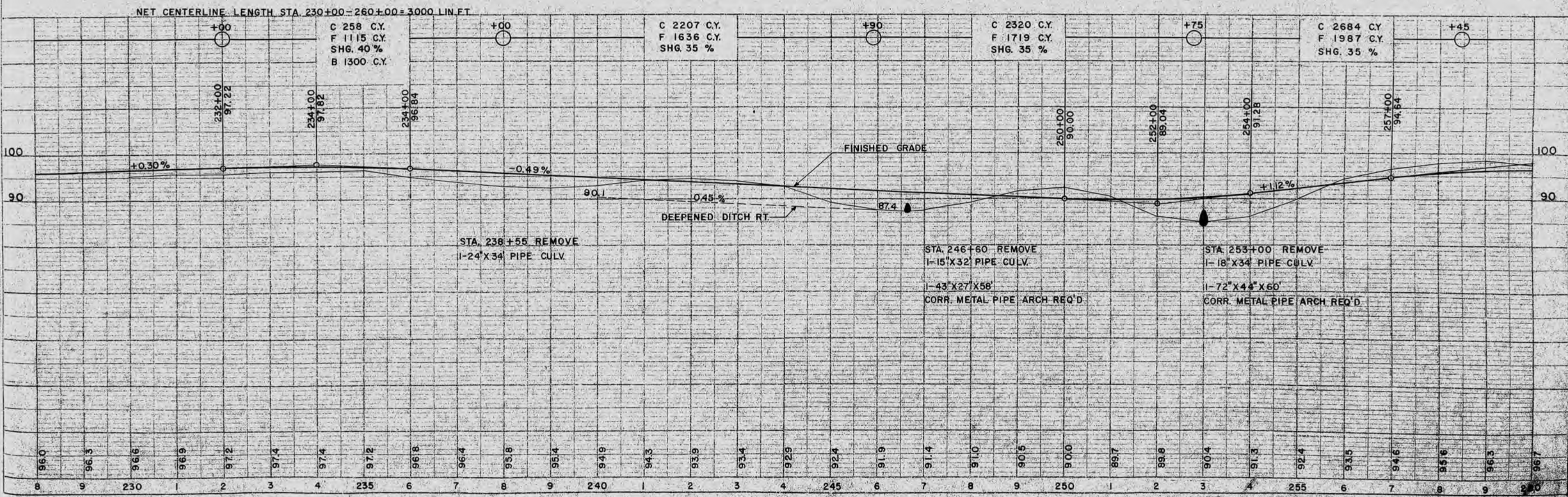
NET CENTERLINE LENGTH STA. 211+65 - 230+00 = 1835 LIN. FT.

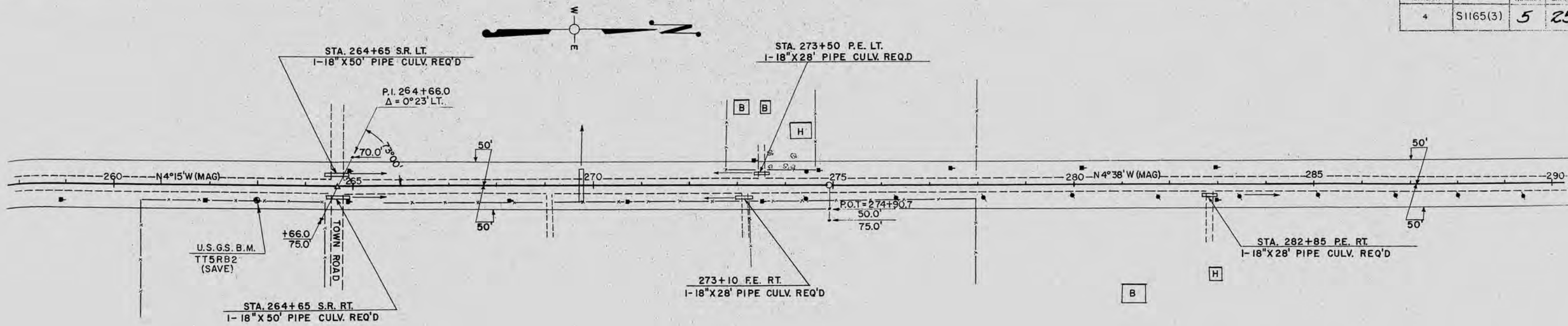




BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
23	224+90	SPIKE IN 20" MAPLE 80' LT.	92.16
24	238+20	TOP OF REFERENCE HUB 80' LT.	92.80
25	250+00	SPIKE IN TEL. POLE 200' RT.	95.67

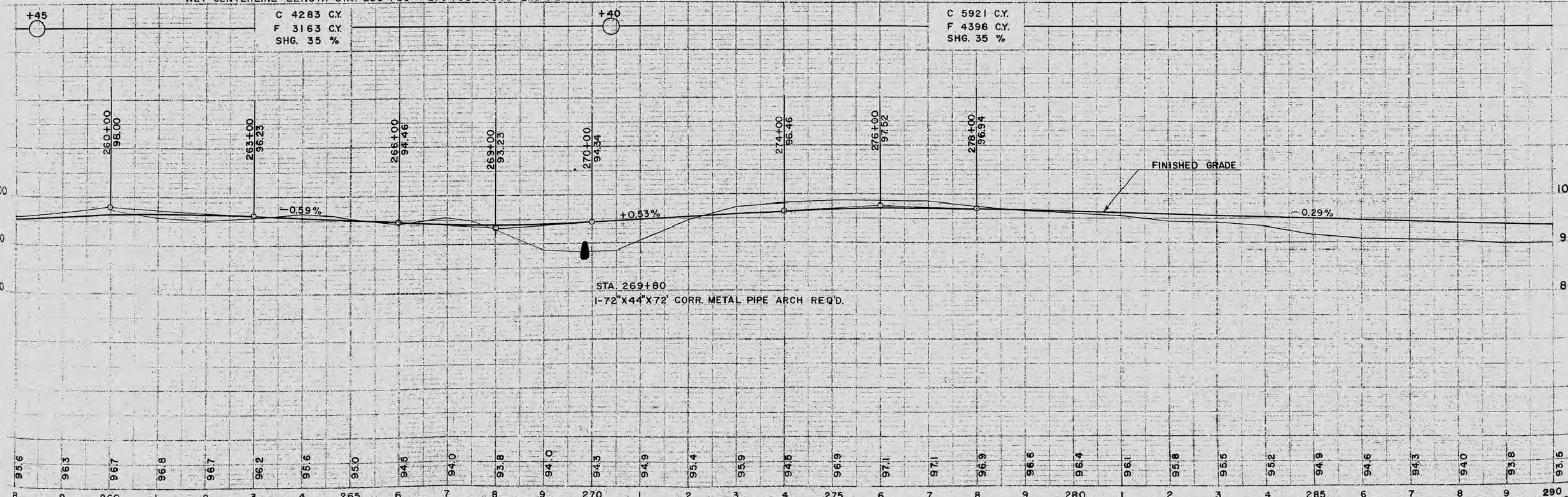


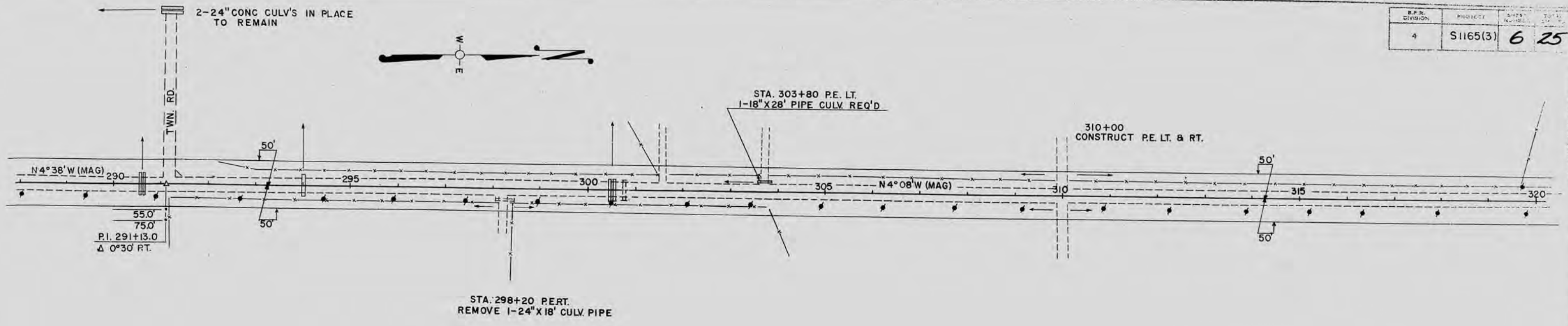


BENCH MARKS

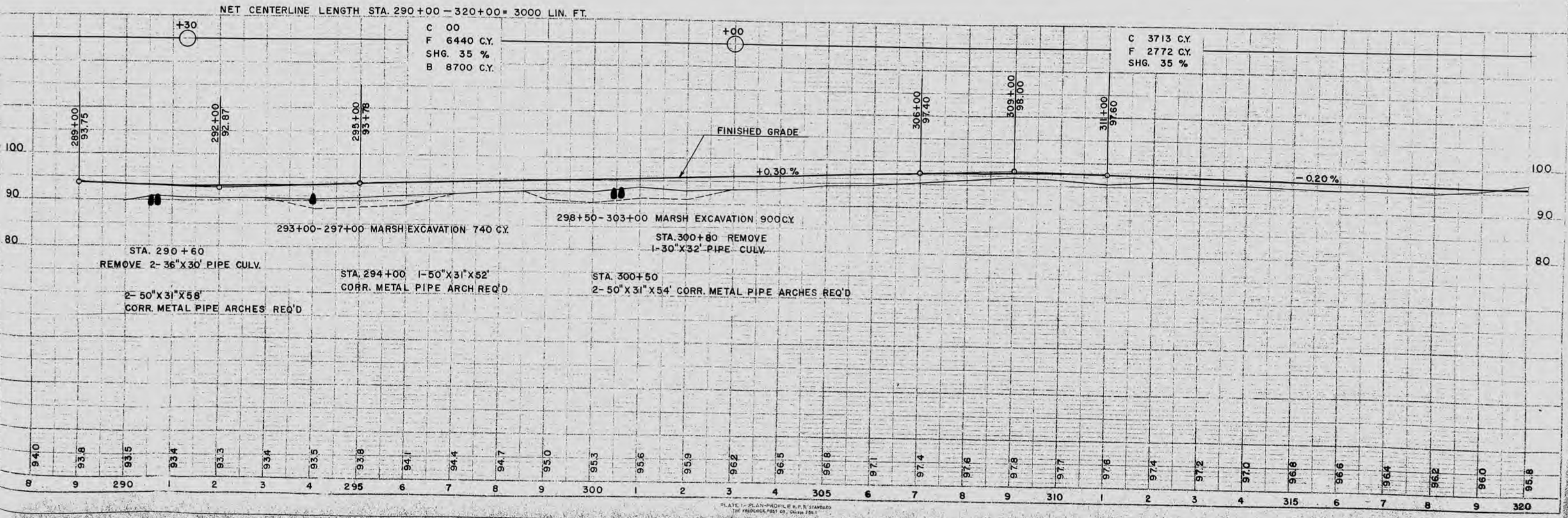
NO.	STATION	DESCRIPTION	ELEV.
26	264+85	SPIKE IN 5" ELM 220' LT.	94.17
27	276+75	" " 20" MAPLE 55' RT.	99.98

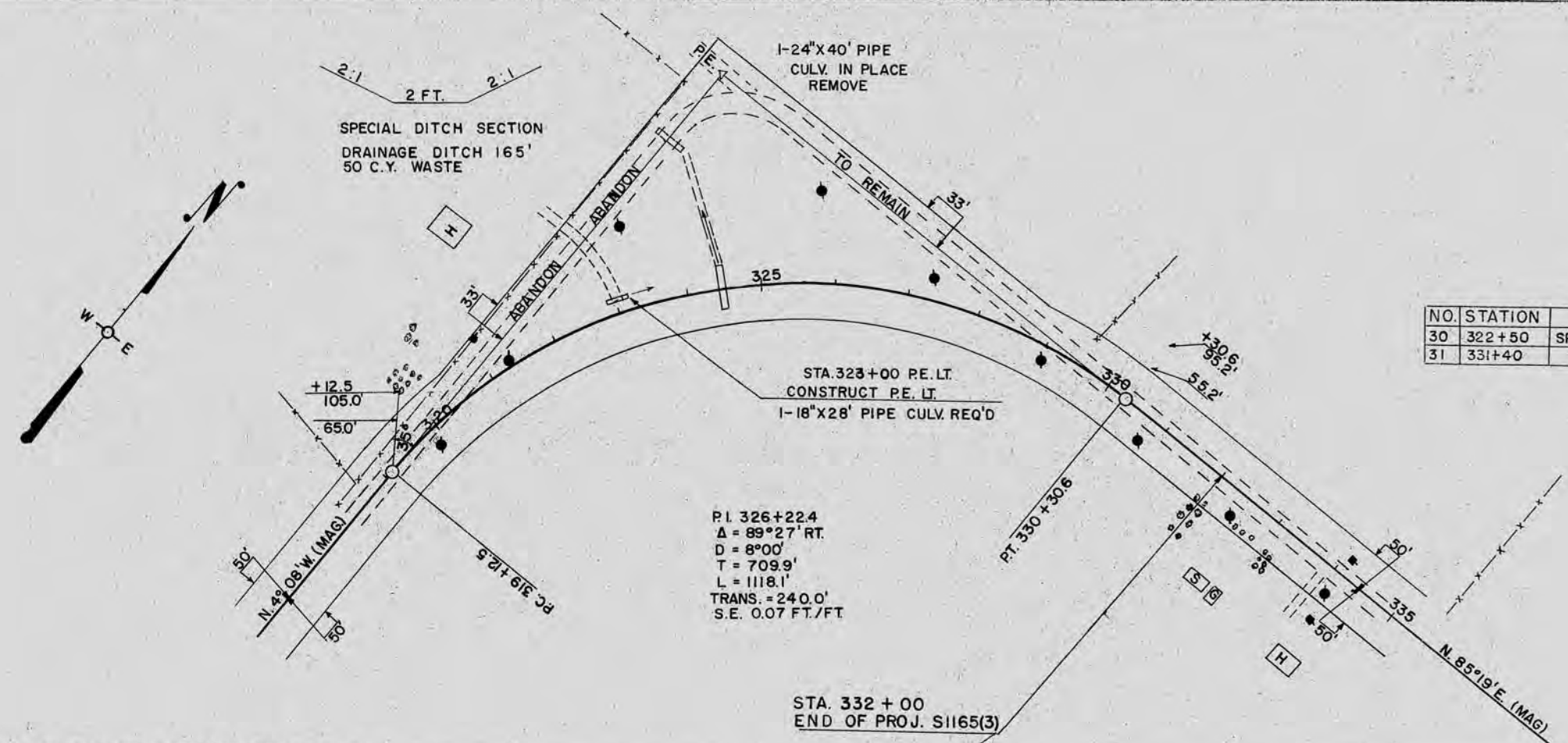
NET CENTERLINE LENGTH STA. 260+00 - 290+00 = 3000 LIN. FT.





BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
28	293+25	SPIKE IN 12" ASPEN 70' RT.	90.31
29	303+90	" " 22" W. PINE 65' RT.	94.79

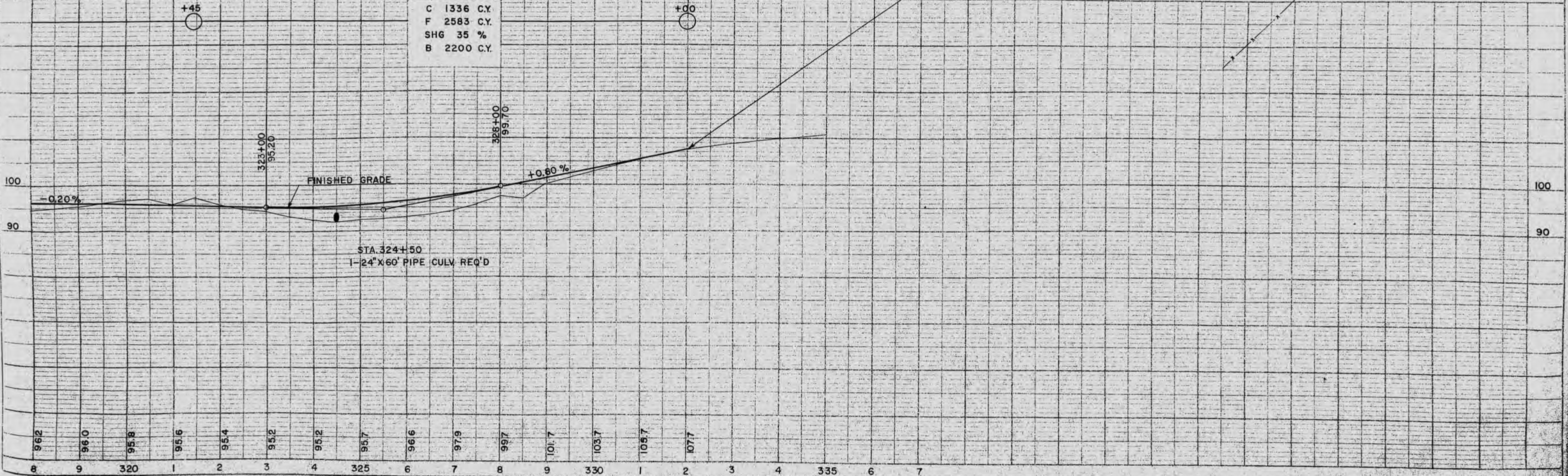




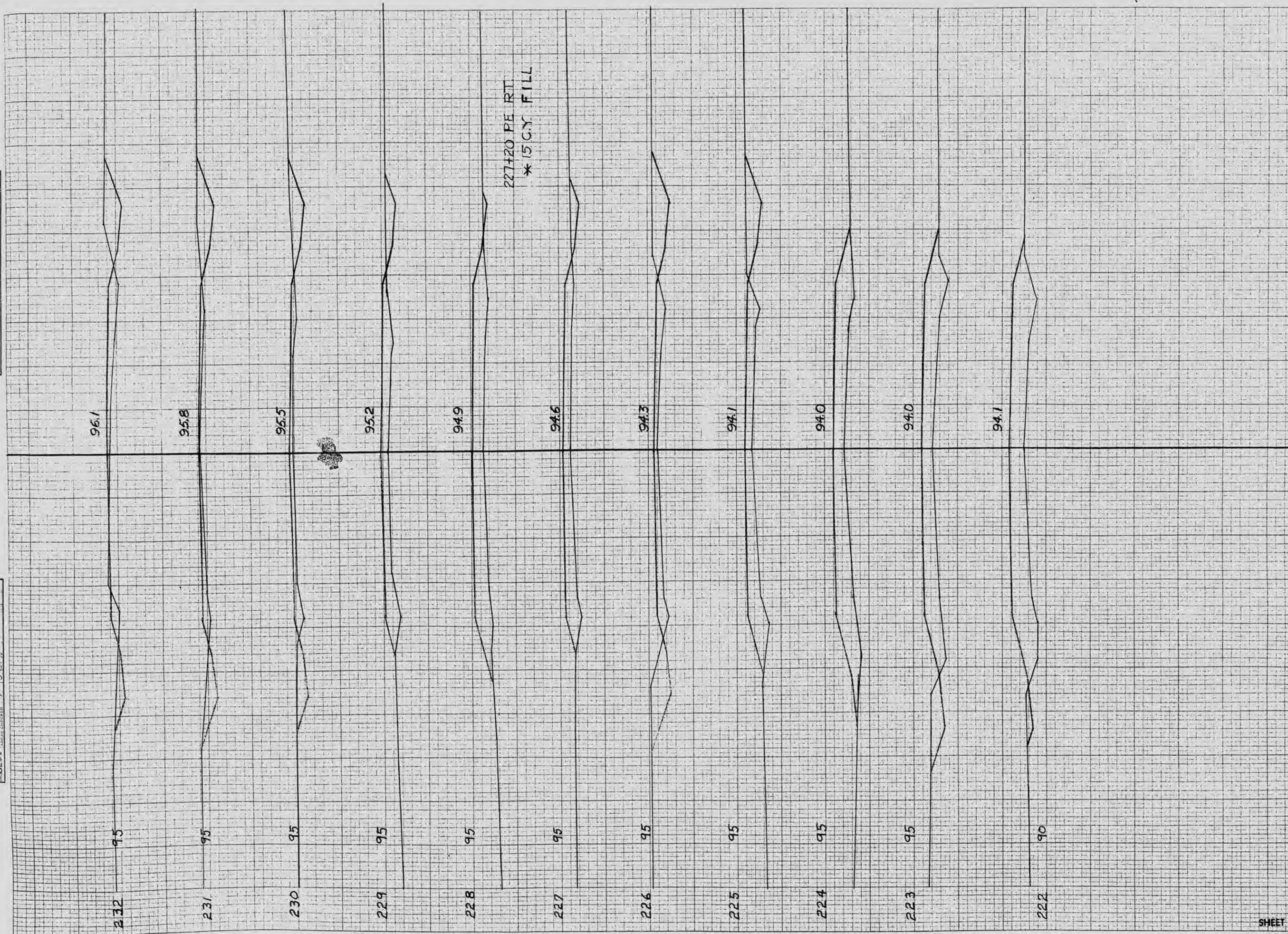
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
30	322+50	SPIKE IN 26" WILLOW 75' LT.	98.64
31	331+40	" " 8" MAPLE 60' LT.	106.89

P.I. 326+22.4
 $\Delta = 89^{\circ}27' RT.$
 $D = 8^{\circ}00'$
 $T = 709.9'$
 $L = 1118.1'$
 $TRANS. = 240.0'$
 $S.E. = 0.07 FT./FT.$

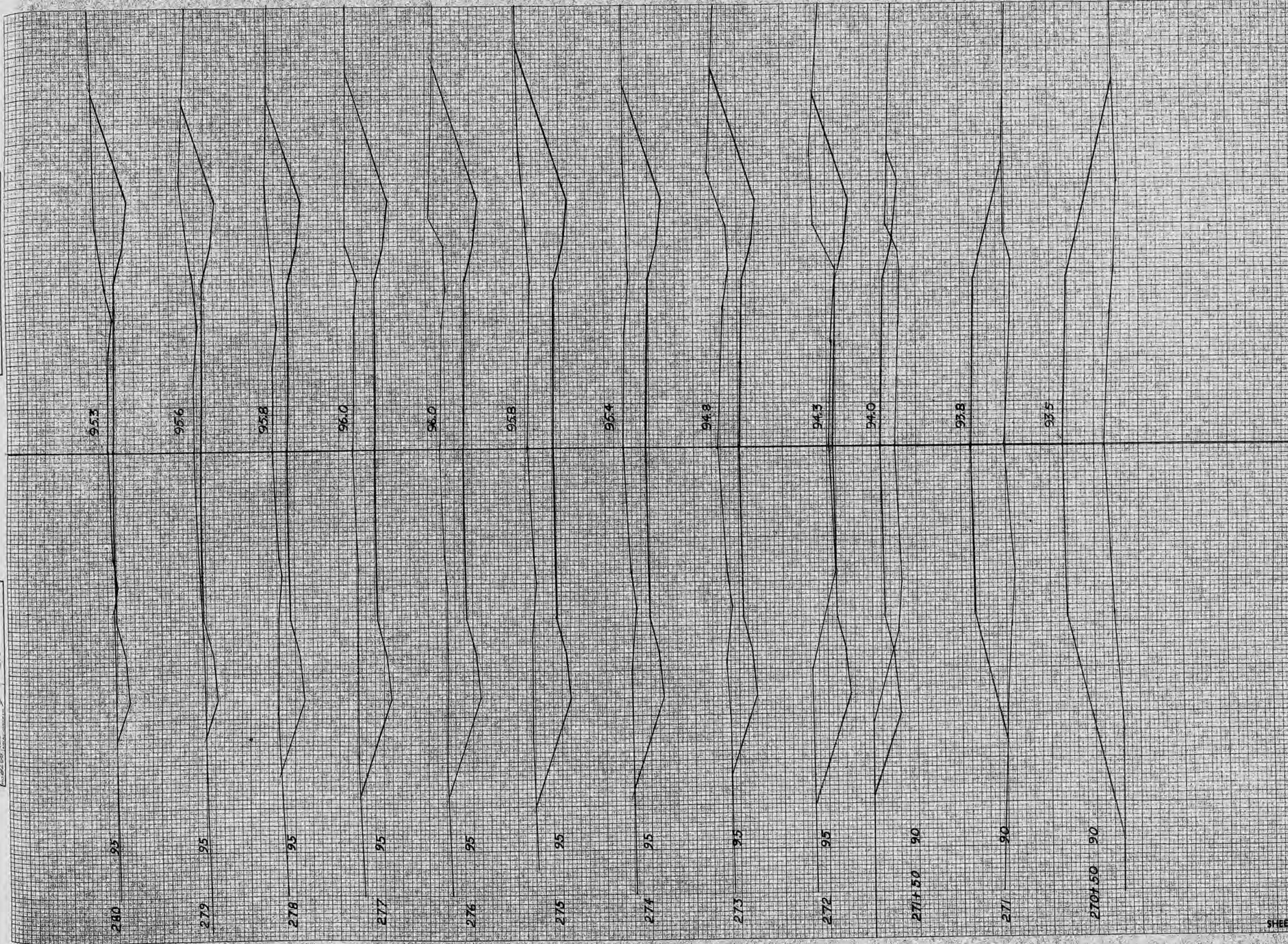
NET CENTERLINE LENGTH STA. 320+00 - 332+00 = 1200 LIN. FT.



C 1336 C.Y.
 F 2583 C.Y.
 SHG 35 %
 B 2200 C.Y.



STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
221	0		415
222	0		305
223	0		215
224	28		141
225	37		14
226	49		123
227	11		154
228	15		220
229	52		211
230	80		104
231	80		57
232			54
SHEET TOTAL		422	2167



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
270			630
150			487
271	20		267
150	139		57
272	543		
273	680		
274	796		
275	850		
276	778		
277	630		
278	394		
279	283		
280			
SHEET TOTAL		5773	144

SURVEY
 ELEVATION
 NOTE BOOK
 NO.

DATE
 DRAWN BY
 CHECKED BY

STATE DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS.	S1165(3)	19	25

92.4

92.4

92.7

92.9

93.2

93.5

93.9

94.1

94.4

94.7

95.0

440 90

290 90

289 90

285 90

287 90

286 90

285 90

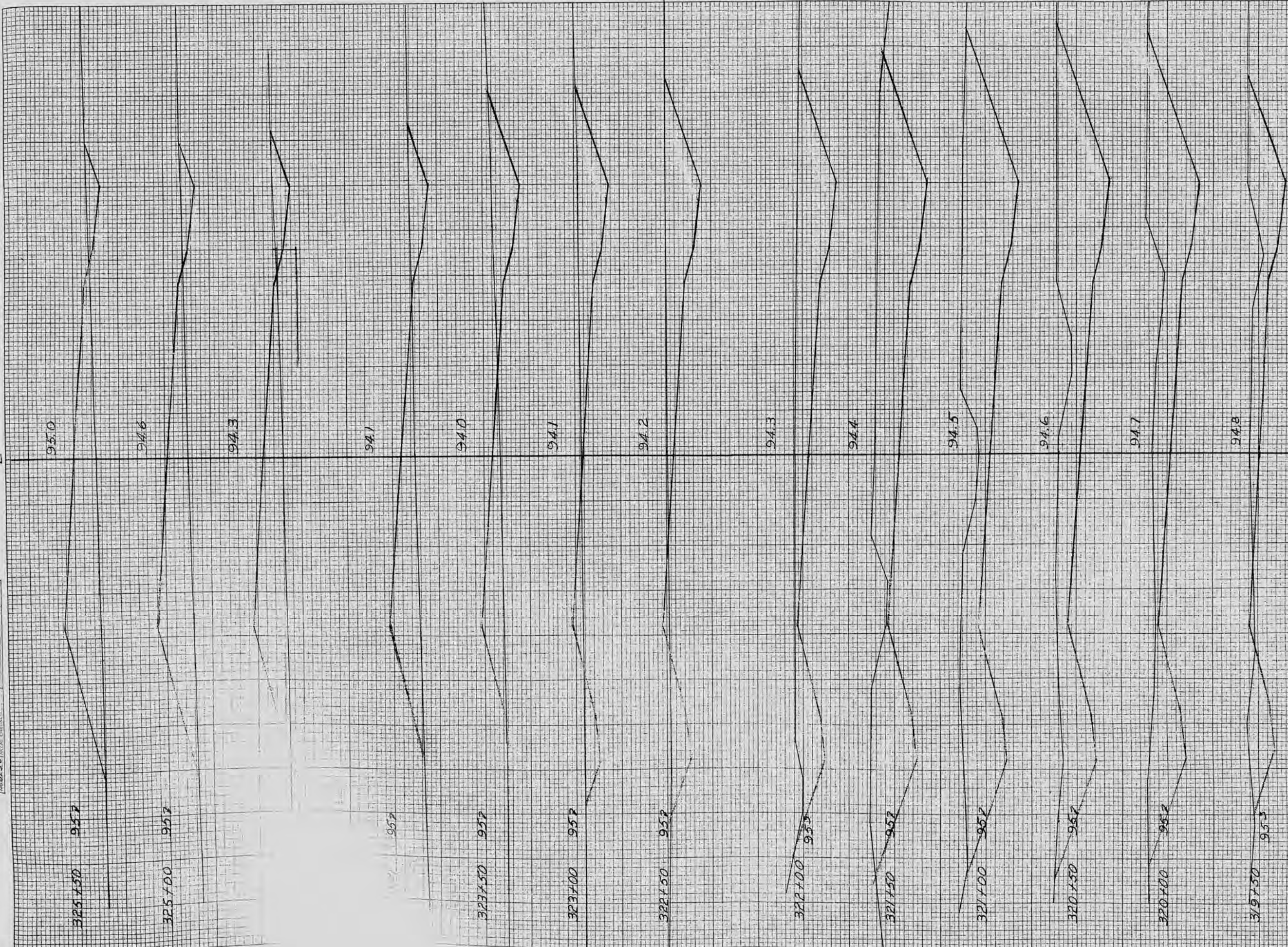
284 95

283 95

282 95

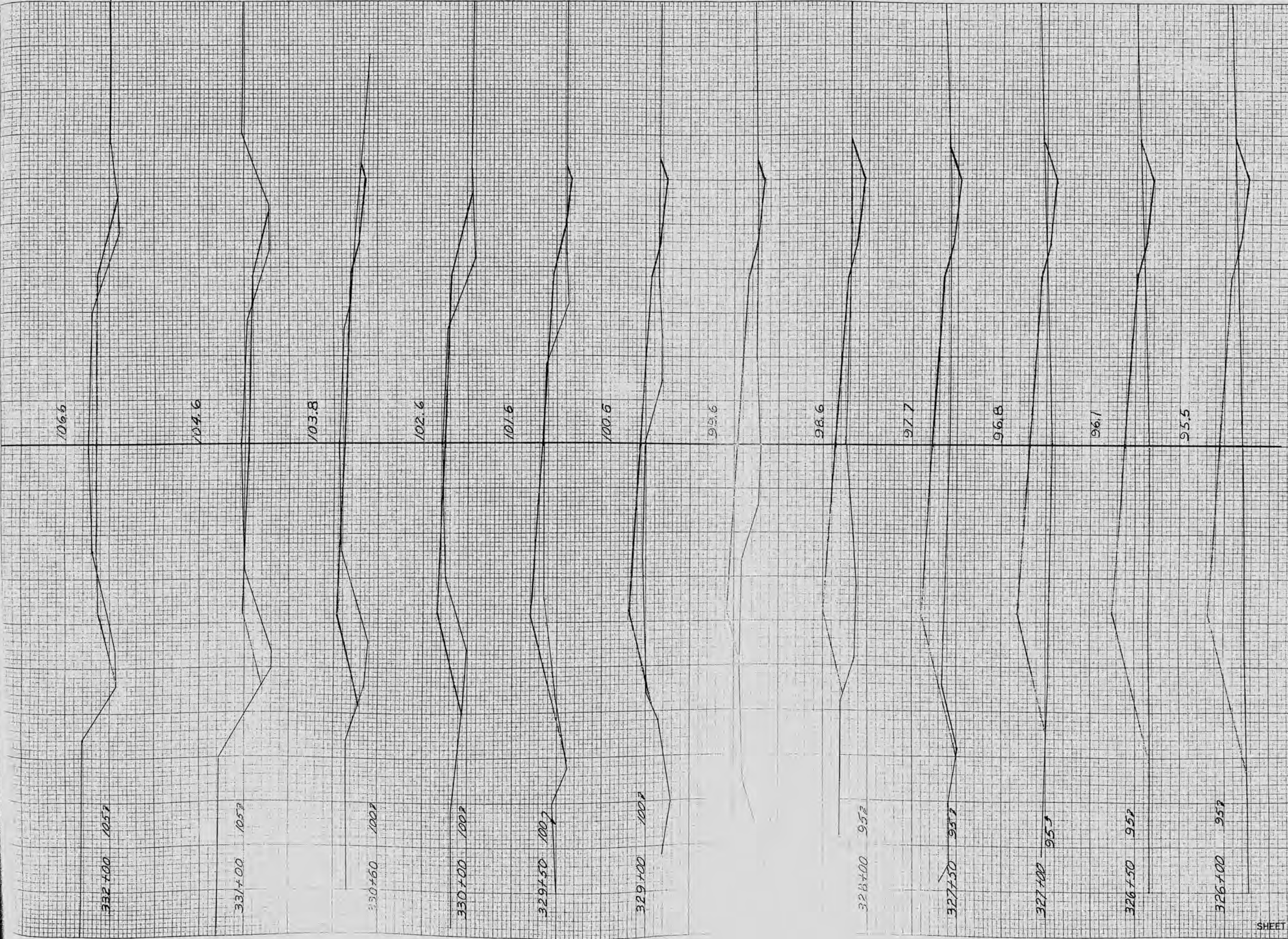
281 95

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
280			
281	291		7
282	187		50
283	111		74
284	159		122
285	76		362
286			500
287			533
288			622
289			670
290			677
291			726
SHEET TOTAL		882	1117



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
319.50	0	0	0
319.50	153	153	0
320.00	296	296	0
320.00	438	438	0
320.50	578	578	0
321.00	724	724	0
321.00	869	869	0
322.00	1015	1015	0
322.00	1160	1160	0
322.50	1306	1306	0
323.00	1451	1451	0
323.00	1597	1597	0
323.50	1742	1742	0
324.00	1888	1888	0
324.00	2033	2033	0
324.50	2178	2178	0
325.00	2323	2323	0
325.00	2468	2468	0
325.50	2613	2613	0
325.50	2758	2758	0

SHEET TOTAL 2733 878



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
328			
+50	19		
326			
+50	17		
327			
+50	20		
328			
+50	19		
328			
+50	22		
329			
+50	7		
329			
+50	7		
326			
+50	2		
326			
+50	17		
331			
+50	20		
331			
+50	6.5		
332			
SHEET TOTAL		230	1726

