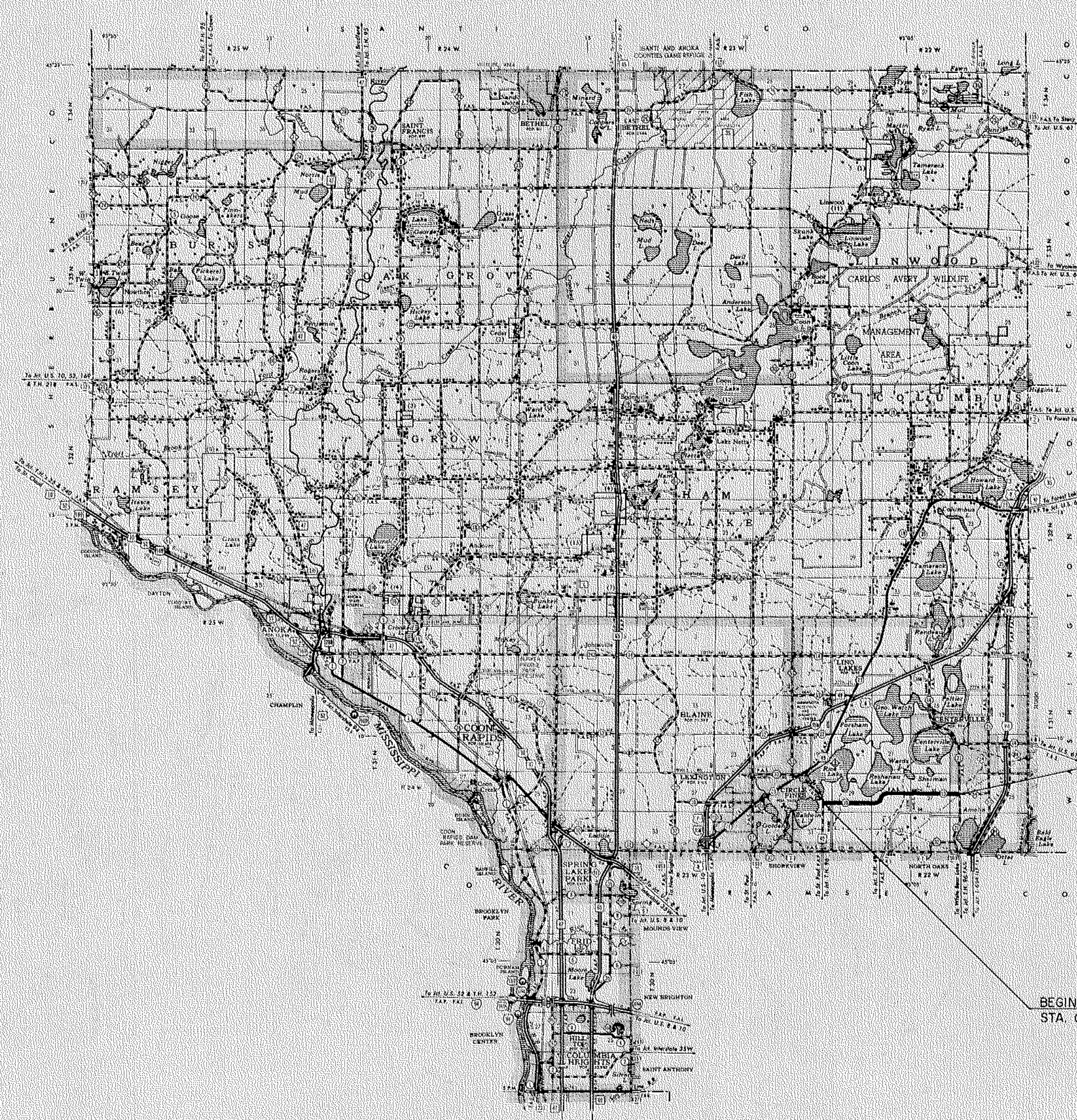


CONVENTIONAL SIGNS

STATE LINE	---
COUNTY LINE	---
TOWNSHIP OR RANGE LINE	---
SECTION LINE	---
QUARTER LINE	---
SIXTEENTH LINE	---
RIGHT OF WAY LINE	---
PRESENT RIGHT OF WAY LINE	---
CONTRACT OF ACCESS LINE	---
PROPERTY LINE (Easement Line)	---
UNICATED PLATTED PROPERTY	---
CORPORATE OR CITY LIMITS	---
TRUNK HIGHWAY CENTER LINE	---
RETAINING WALL	---
RAILROAD	---
RAILROAD RIGHT-OF-WAY LINE	---
RIVER OR CREEK	---
DRY RUN	---
DRAINAGE DITCH	---
ELECTRIC POWER LINE	---
TELEPHONE OR TELEGRAPH LINE	---
JOINT TELEPHONE AND POWER CONDUIT	---
TELEPHONE CABLE-AERIAL	---
TELEPHONE CABLE-UNDERGROUND	---
POWER CABLE-UNDERGROUND	---
GAS MAIN	---
CONCRETE	---
PROP. INLET	---
BOARD WALK	---
BARBED WIRE FENCE	---
WOVEN WIRE FENCE	---
CHAIN LINK FENCE	---
RAILROAD SLOTTED FENCE	---
STONE WALL OR FENCE	---
WATER PIPE	---
SEWER PIPE	---
GRASS TILE	---
SPRING	---
MARSH	---
TIMBER	---
DECHARD	---
BRUSH	---
MURDERY	---
CATCH BASIN	---
MANHOLE	---
FIRE HYDRANT	---
STREET LIGHT	---
RAILROAD CROSSING SIGN	---
RAILROAD CROSSING BELL	---
ELECTRIC WARNING SIGN	---
CROSSING BARS	---
CATTLE GUARD	---
OVERPASS (Highway Over)	---
UNDERPASS (Highway Under)	---
BRIDGE	---
BUILDING (One Story Frame)	---
F. FRAME	---
C. CONCRETE	---
S. STONE	---
B. BRICK	---
ST. STUCCO	---
IRON PIPE OR ROD	---
WADUMENT (STONE, CONCRETE, OR METAL)	---
WOODEN PIV	---
GRAVEL PIT	---
SAND PIT	---
BERM PIT	---
ROCK QUARRY	---
MEANDER CORNER	---



END PROJECT SAP 02-610-06
STA. 187+61.30

✕ IOR PT. 136+32.27 =
P.O.T. 136+30.78

✕ IOR P.O.T. 187+61.30 =
P.O.T. 187+61.00

BEGIN PROJECT SAP 02-610-06
STA. 0+23.00

Fed. Proj. No. _____

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR GRADING, BASE, & BITUMINOUS SURFACING

County State Aid Highway No. 10

Between STATE TH. 49 And CSAH 21
A PT. 1,057.25' W. OF NE. COR. OF SE. 1/4 OF SE 1/4 OF SEC. 30, T.31 N., R.22 W. A PT. 8.95' N. OF THE SE. COR. OF THE S.W. 1/4 OF THE NW. 1/4 OF SEC. 26, T.31 N., R.22 W.
From 1/4 OF SEC. 30, T.31 N., R.22 W. To R.22 W.
Give proper reference to Sections, Township and Range.

GROSS LENGTH	18,739.79	FEET	3,549	MILES
BRIDGES-LENGTH	0.00	FEET	0.00	MILES
EXCEPTIONS-LENGTH	0.00	FEET	0.00	MILES
NET LENGTH	18,739.79	FEET	3,549	MILES

INDEX OF SHEETS

- Sheet No. 1. Title Sheet & Layout Map
- No. 2-4 EST. QUANT. & TYPICAL SEC.
- No. 5-8 PLAN & PROFILE
- No. 9-24 CROSS SECTIONS
- No. 25 ROAD APPROACH

SCALES

INDEX MAP	2 MI
PLAN	100'
PROFILE	100' HORIZ. 10' VERT.
CROSS SECTION	10'

DESIGN DESIGNATION

ADT (CURRENT YEAR) 1,700 SOIL FACTOR
ADT (FUTURE YEAR) 2,890 (20 YR.) A-3, 50% STA. 0+00 -103+00
T (HEAVY COMMERCIAL) 150 - 300 A-6, 100% STA. 103+00 -187+61
9 Ton Design
Design Speed 60 MPH
Design Speed not achieved at:
STA 62+56 TO STA 85+46 MPH 50
STA 119+78 TO STA 127+78 MPH 50

SPECIFICATIONS

THE "STANDARD" SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, DATED JAN. 1, 1978, SHALL GOVERN

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH, IN THE CONSTRUCTION OF THIS PROJECT.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Paul K. Kimmel DATE *Nov. 5, 1979*
COUNTY ENGINEER

ANOKA COUNTY REG. NO. 6549

RECOMMENDED FOR APPROVAL *[Signature]* 11-14-79
DISTRICT STATE AID ENGINEER

RECOMMENDED FOR APPROVAL *Delbert J. Opedahl* 6-14-79

APPROVED *[Signature]* 6/15 1979
STATE AID ENGINEER

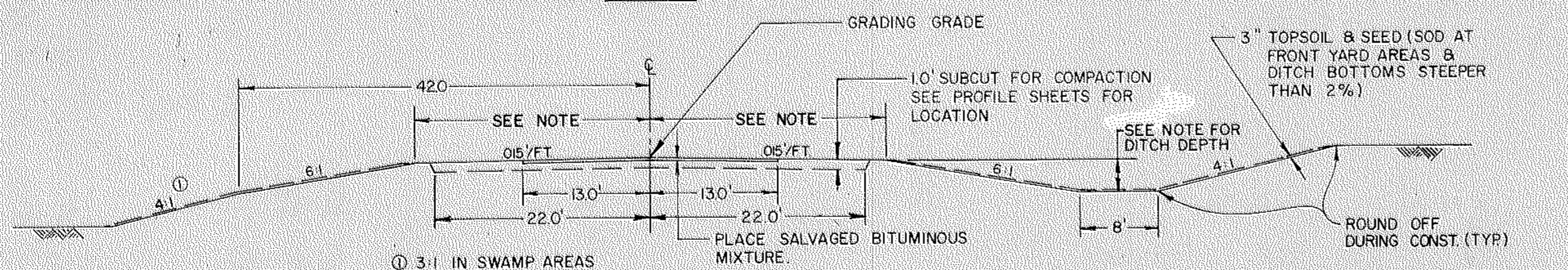
Minn. Proj. No. _____ County Proj. No. _____

State Proj. No. _____ S.A.P. 02-610-06

ALL DIMENSIONS NOMINAL

TYPICAL SECTIONS

GRADING



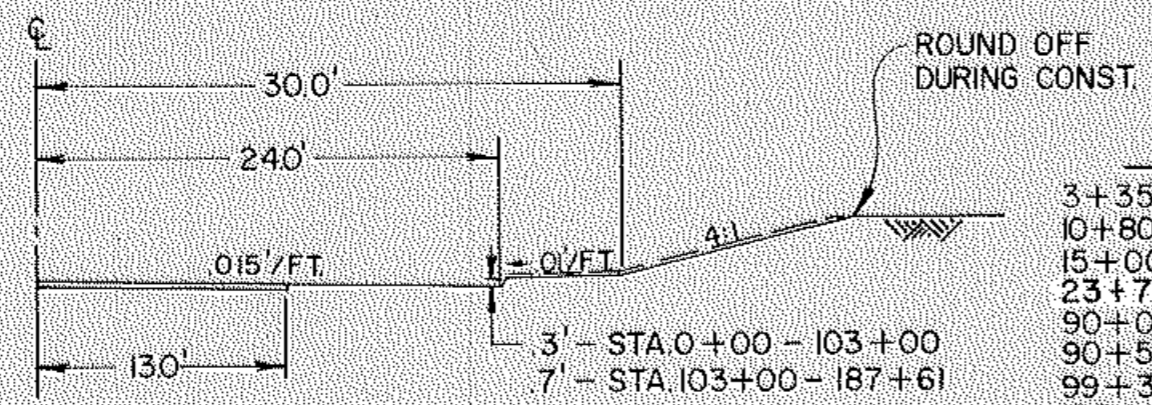
- ① 3:1 IN SWAMP AREAS
- ② SEE X-SECTIONS FOR SPECIAL DITCHES

NOTE: 241' STA. 0+00 - STA. 103+00, DITCH DEPTH 2.84'
 266' STA. 103+00 - 187+61, DITCH DEPTH 2.43'

* 2' WIDER AT RT. TURN LANES

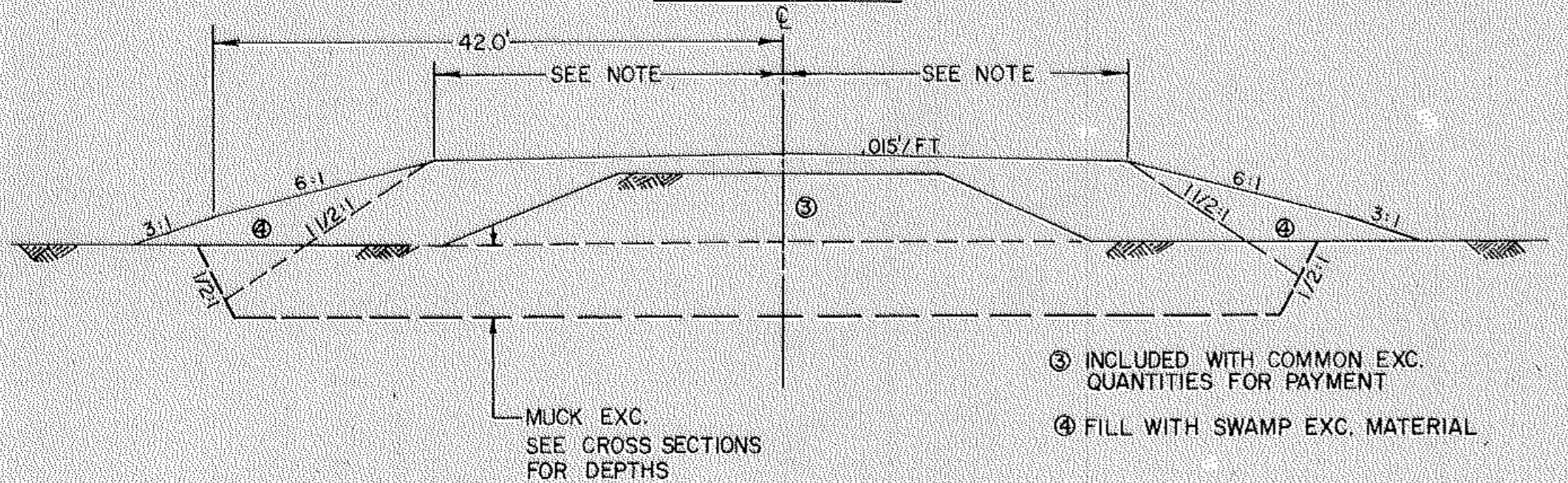
STA. - STA.	STA. - STA.
0+30 LT. - 3+60 LT.	
7+15 RT. - 10+45 RT.	
10+70 RT. - 13+65 RT.	
16+70 RT. - 20+00 RT.	
46+40 LT. - 49+70 LT.	
62+90 RT. - 66+20 RT.	
75+80 RT. - 82+10 RT.	
88+20 LT. - 91+50 LT.	
103+30 LT. - 106+60 LT.	
118+40 RT. - 121+70 RT.	
184+20 RT. - 187+50 RT.	

BERM AREAS



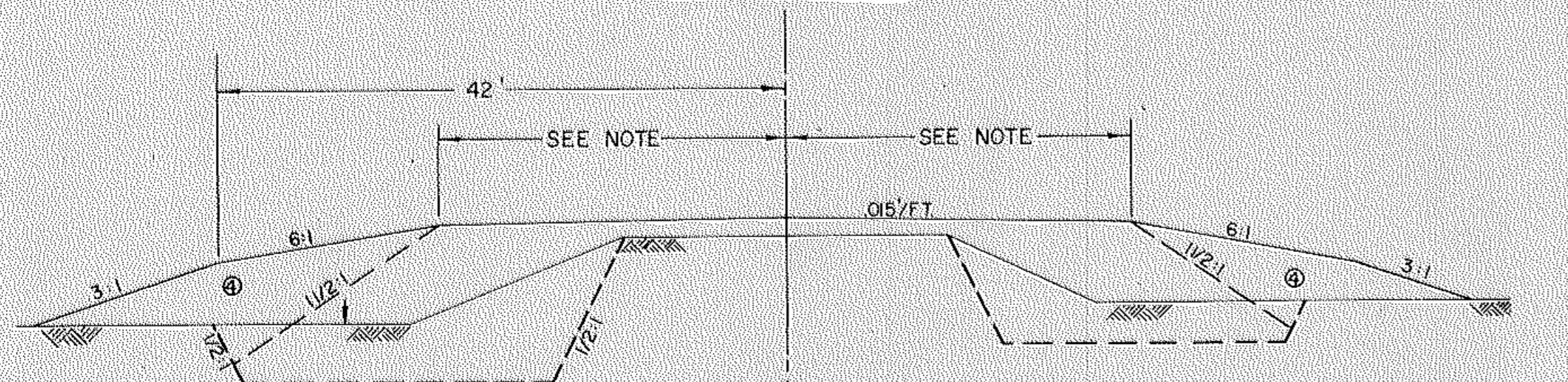
STA. - STA.	STA. - STA.
3+35 LT. - 5+00 LT.	
10+80 RT. - 19+50 RT.	
15+00 LT. - 19+00 LT.	
23+70 RT. - 28+50 RT.	
90+00 RT. - 93+00 RT.	
90+50 LT. - 93+50 LT.	
99+30 RT. - 101+50 RT.	
135+00 RT. - 135+50 RT.	
157+60 RT. - 159+50 RT.	
25+50 LT. - 27+50 LT.	
50+50 LT. - 51+50 LT.	

MUCK EXCAVATIONS



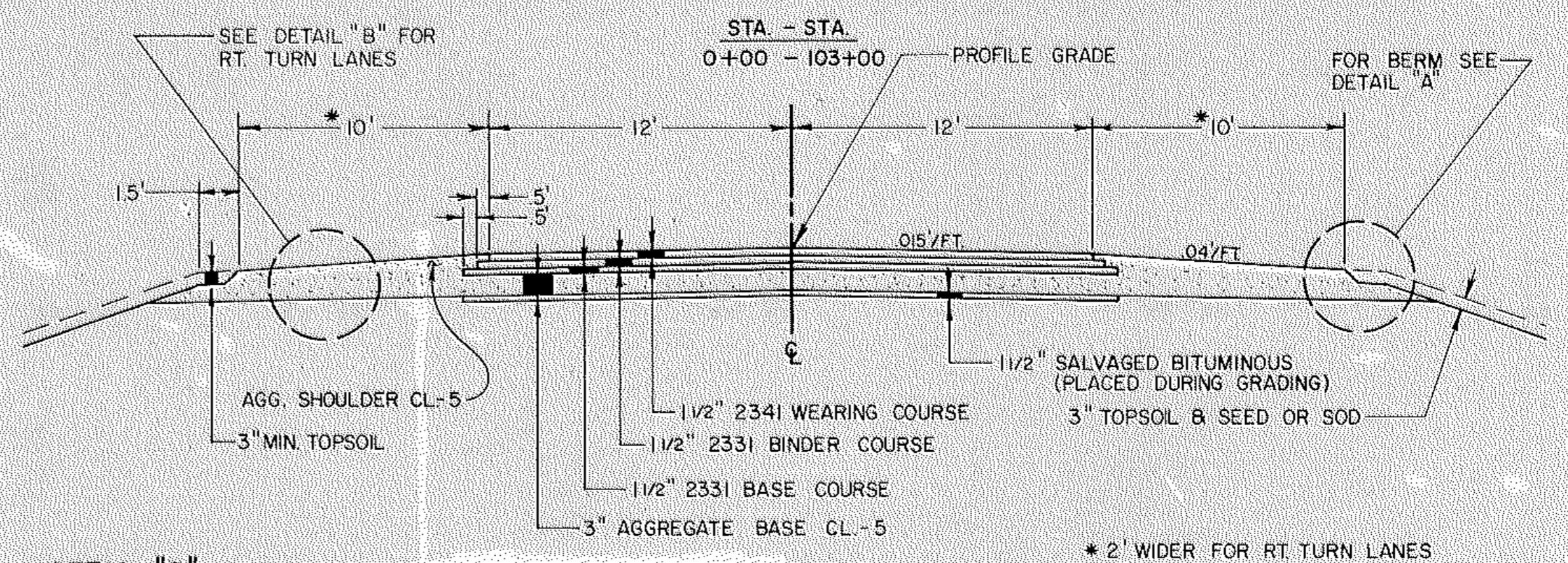
STA. - STA.	STA. - STA.
112+25 - 115+00	
116+25 - 118+00	

MUCK EXCAVATION

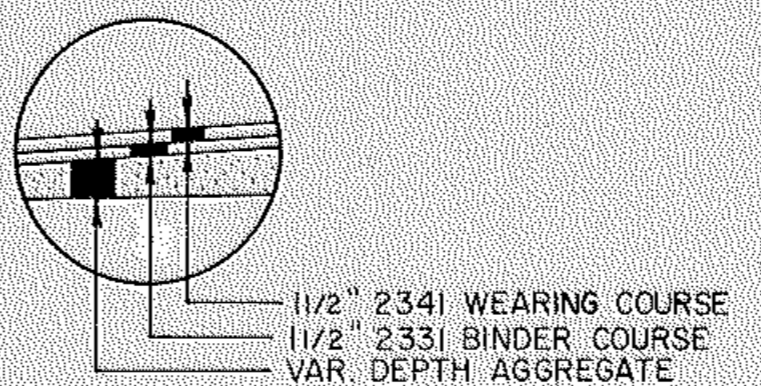


STA. - STA.	STA. - STA.
20+30 - 22+25	
37+75 - 39+50	
44+75 - 46+50	
56+50 - 59+30	
94+50 - 97+50	
136+10 - 137+00	
153+75 - 155+50	
159+40 - 162+00	
179+50 - 180+50	
181+75 - 183+25	

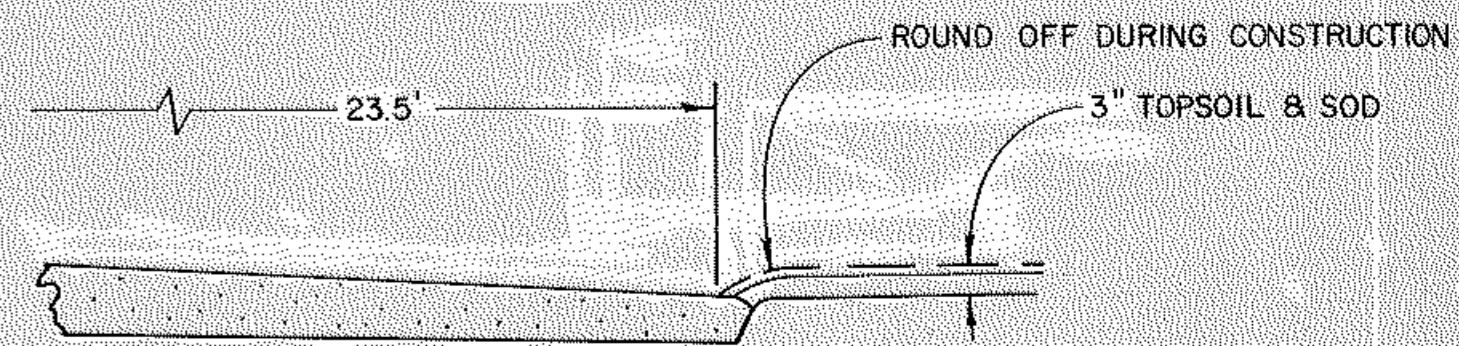
TYPICAL BASE & SURFACING SECTION



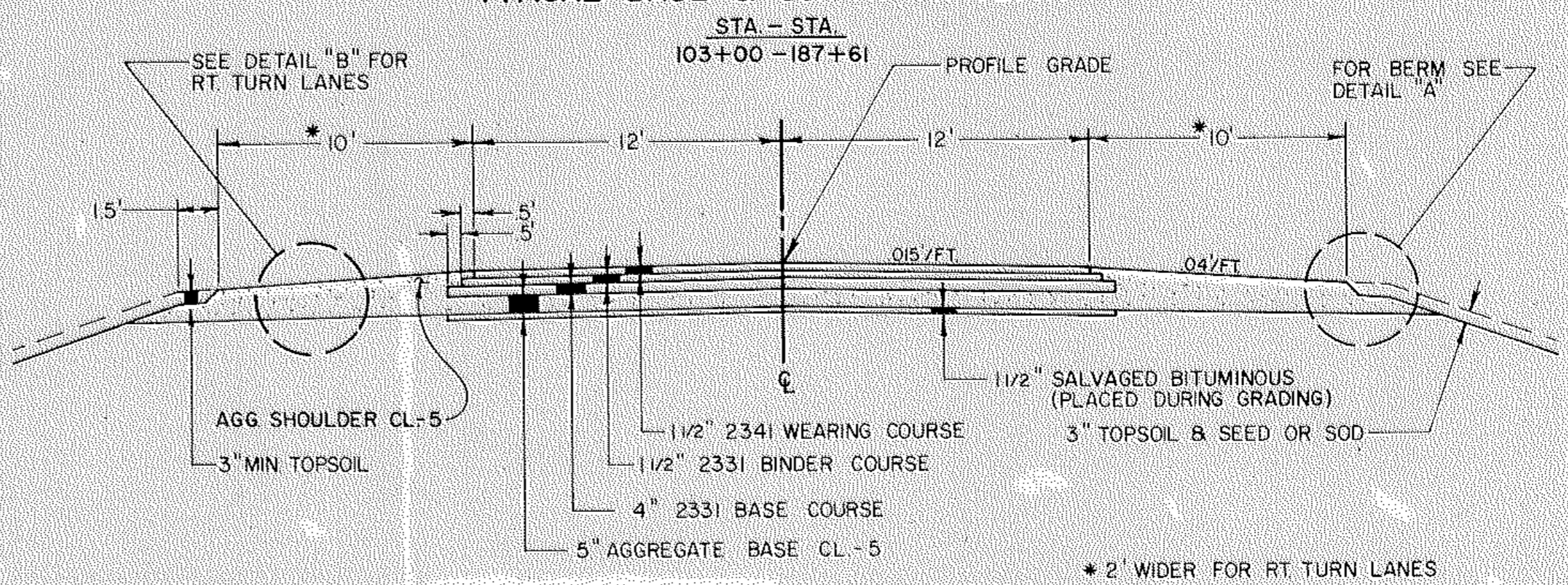
DETAIL "B"



DETAIL "A"

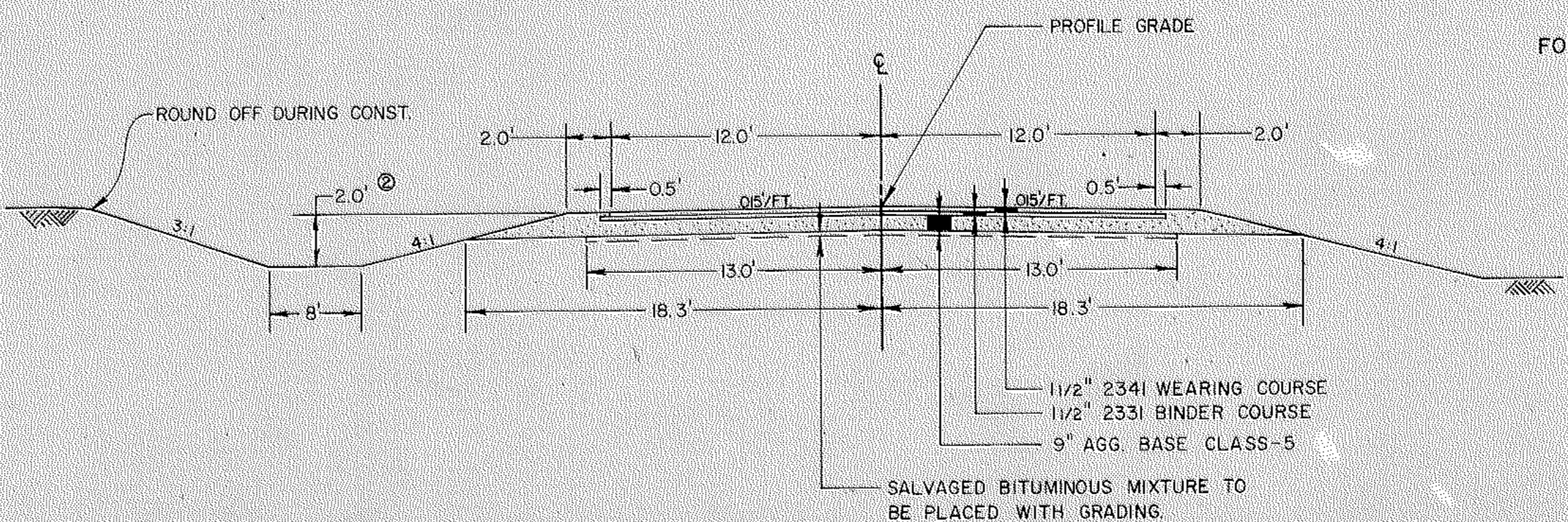


TYPICAL BASE & SURFACING SECTION

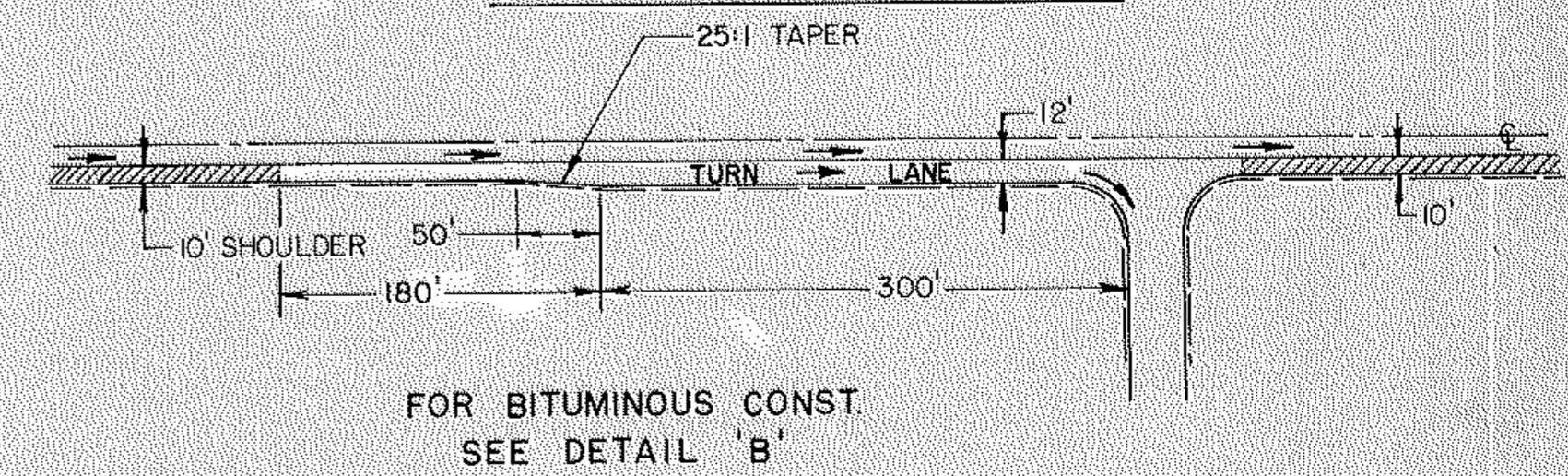


TYPICAL SECTION ROAD APPROACH

CSAH 10 STA. 121+85 = 12 TH. AVE. N. STA. 0+30
 CONST. LIMITS 0+42 - 3+50



TYPICAL RIGHT TURN LANE



FORM 21176

PLAN SHEET INSERT FORMS

DRAINAGE

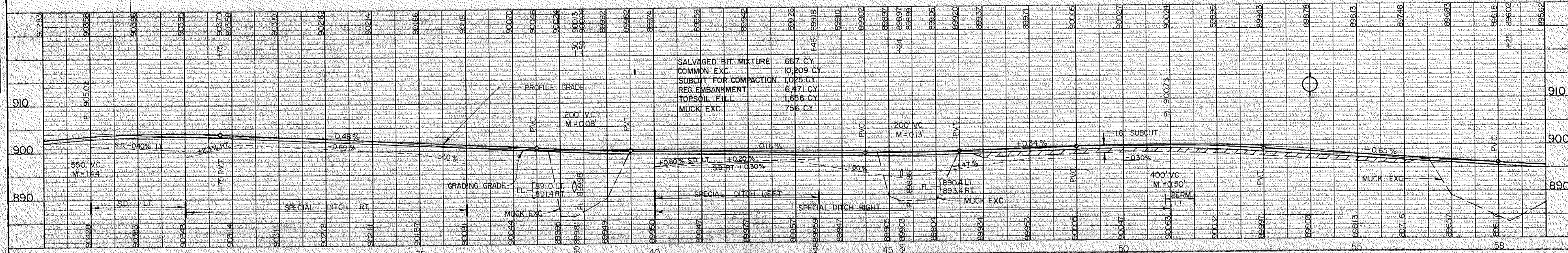
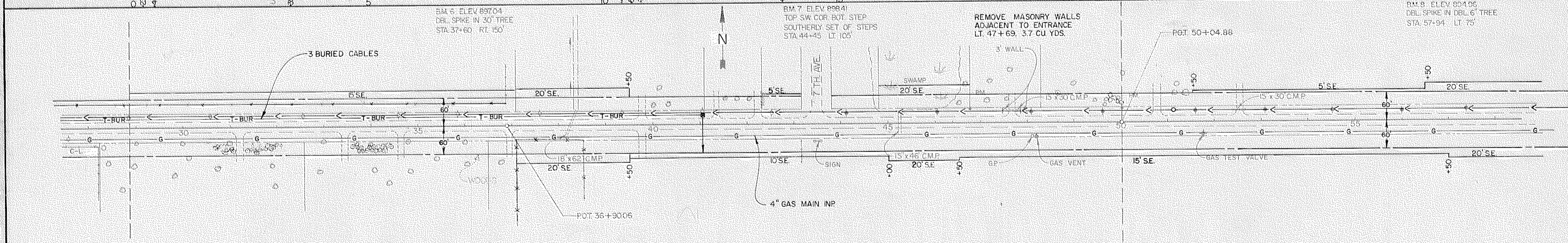
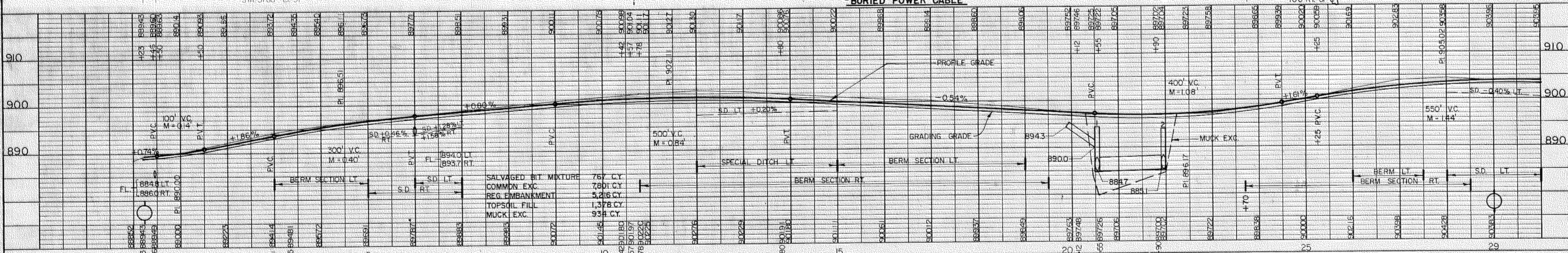
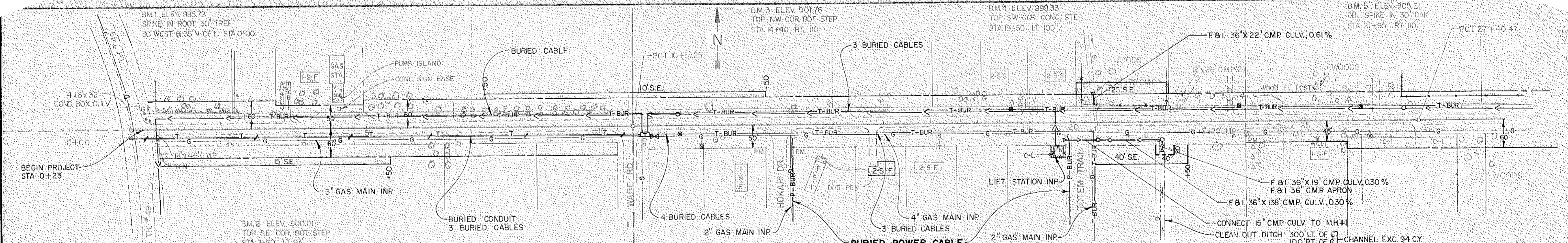
Main table with columns: STATION, LOCATION, IN PLACE, REMARKS, REMOVE PORT. CULV., EXC. SALV. CULV., SOD-DING, 500' DING, INSTALL 18" CMP, 18" CMP, 24" CMP, 30" CMP, 36" CMP, 28 1/2" SPAN RCP-A, 24" RCP CL-2, 18" RCP CL-2, 15 1/2" RCP CL-2

STORM SEWER SYSTEM

Summary table for Storm Sewer System with columns: NO, STATION, LOCATION, REMARKS, TYPE, DESIGN, LIN. FT., REMOVE SEWER PIPE, TOP, OUTLET, F&I CASTING ASSEMBLY, DRAINS TO, CMP 36" APRON

CASTING ASSEMBLIES table with columns: ASSEMBLY, ITEM, CASTING NO., QUANTITY

Includes 2-conc. adjusting rings below casting measured to center of MH.



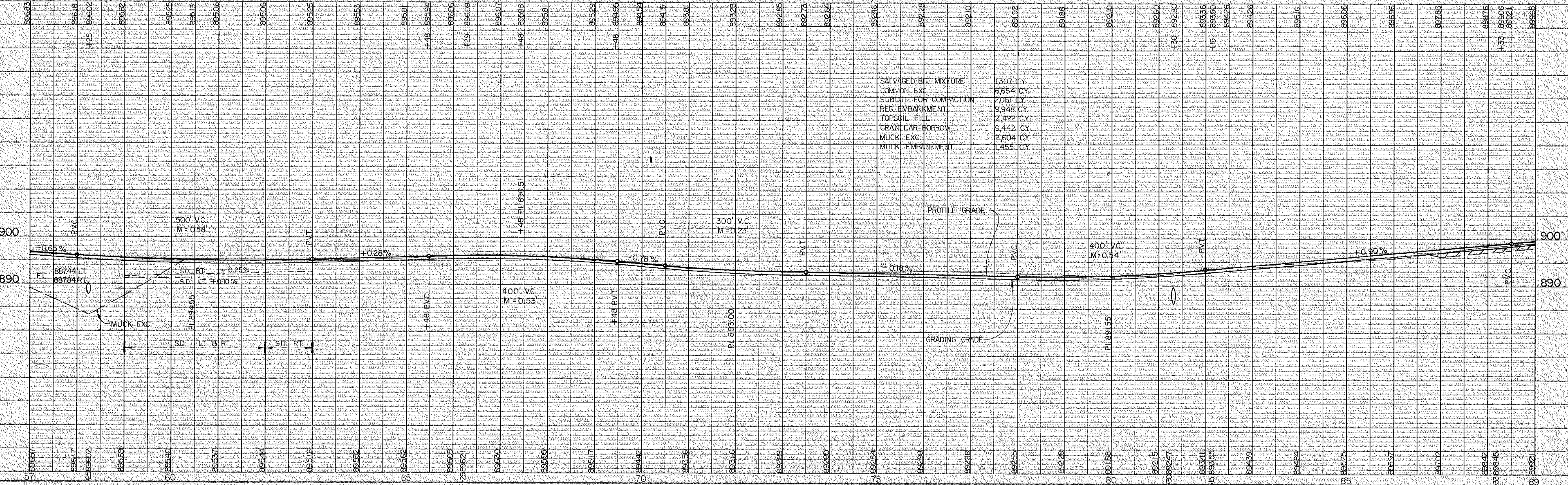
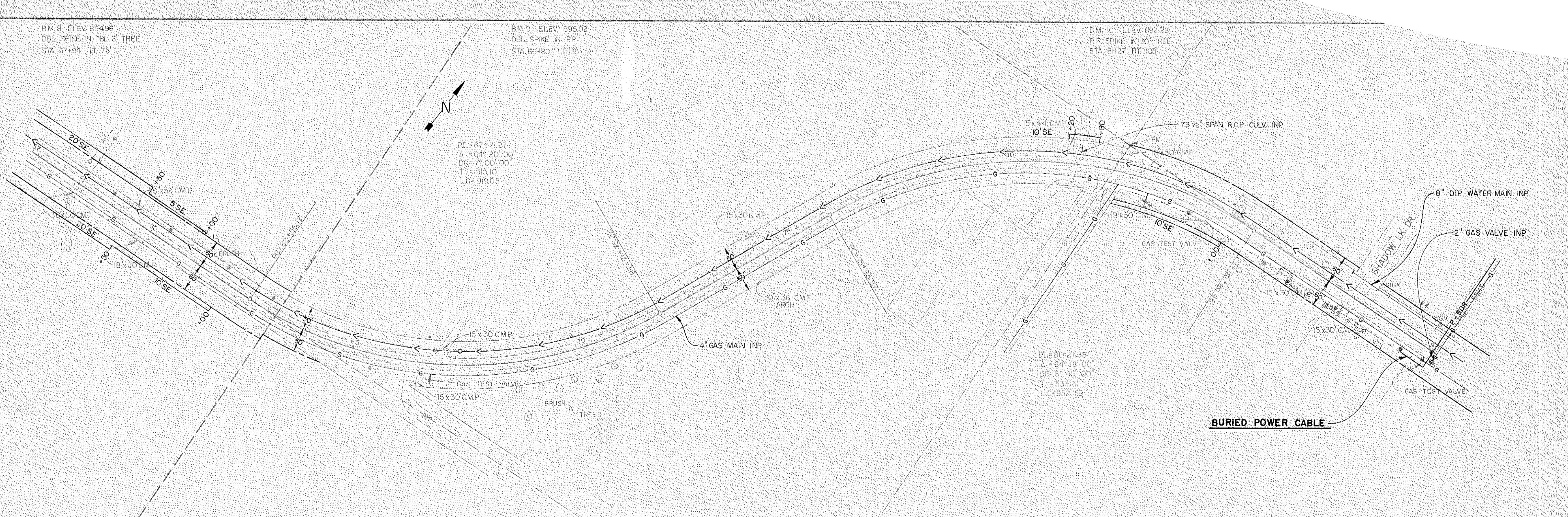
BM 8 ELEV. 894.96
 DBL SPIKE IN DBL 6" TREE
 STA. 57+94 LT. 75'

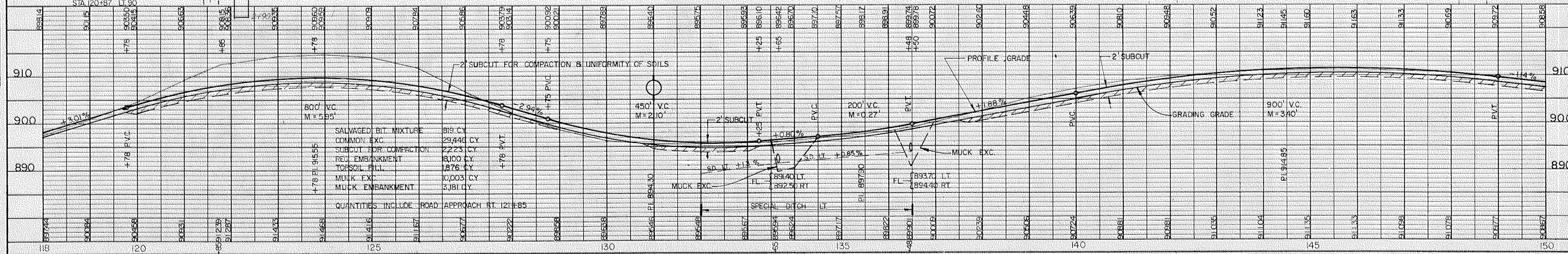
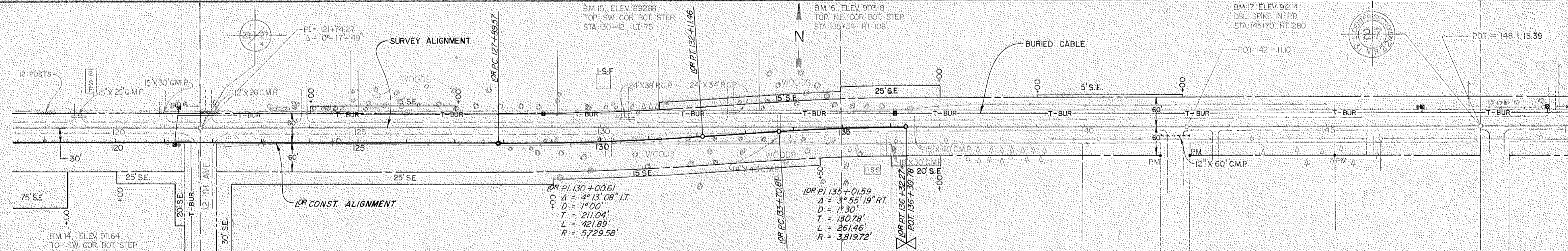
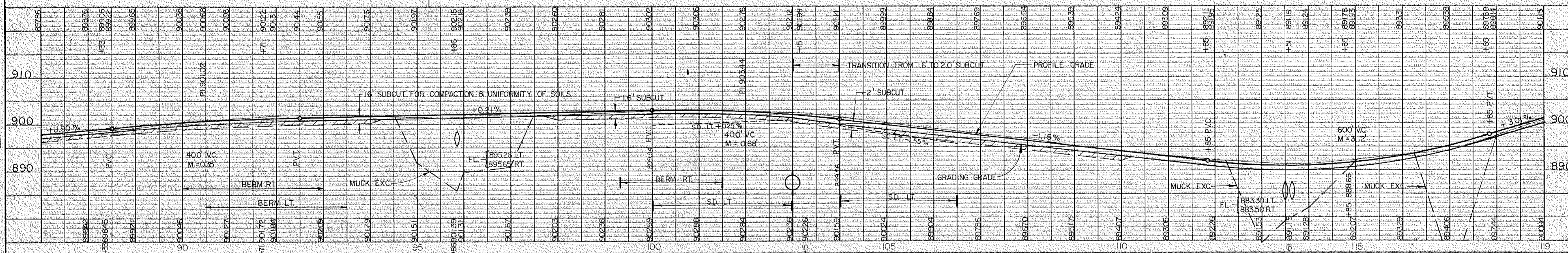
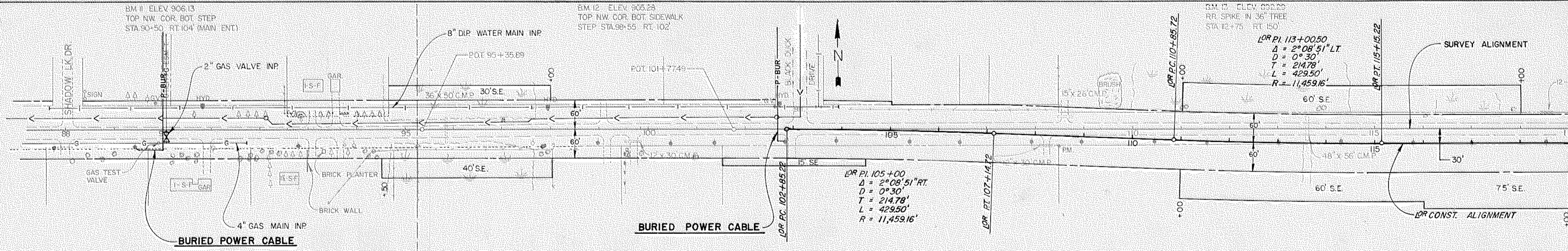
BM 9 ELEV. 895.92
 DBL SPIKE IN PP
 STA. 66+80 LT. 135'

BM 10 ELEV. 892.28
 R.R. SPIKE IN 30' TREE
 STA. 81+27 RT. 108'

PI = 67+71.27
 $\Delta = 64^\circ 20' 00''$
 $DC = 7^\circ 00' 00''$
 $T = 515.10$
 $LC = 919.05$

PI = 81+27.38
 $\Delta = 64^\circ 18' 00''$
 $DC = 6^\circ 45' 00''$
 $T = 533.51$
 $LC = 952.59$





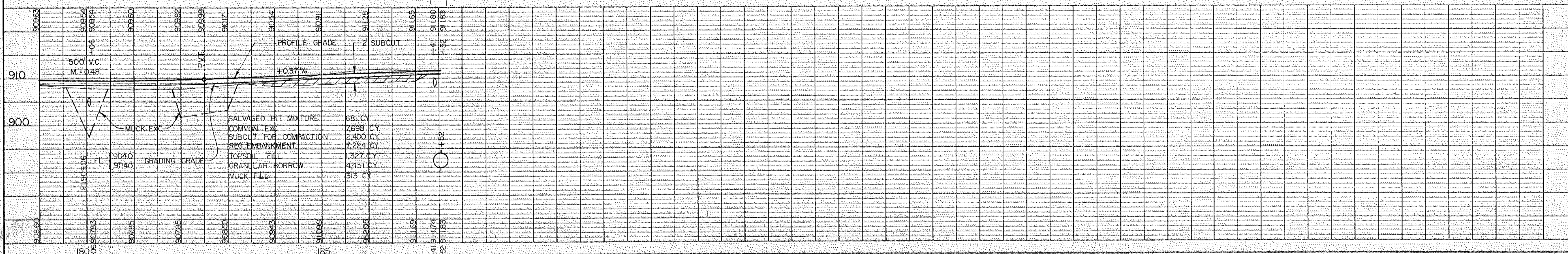
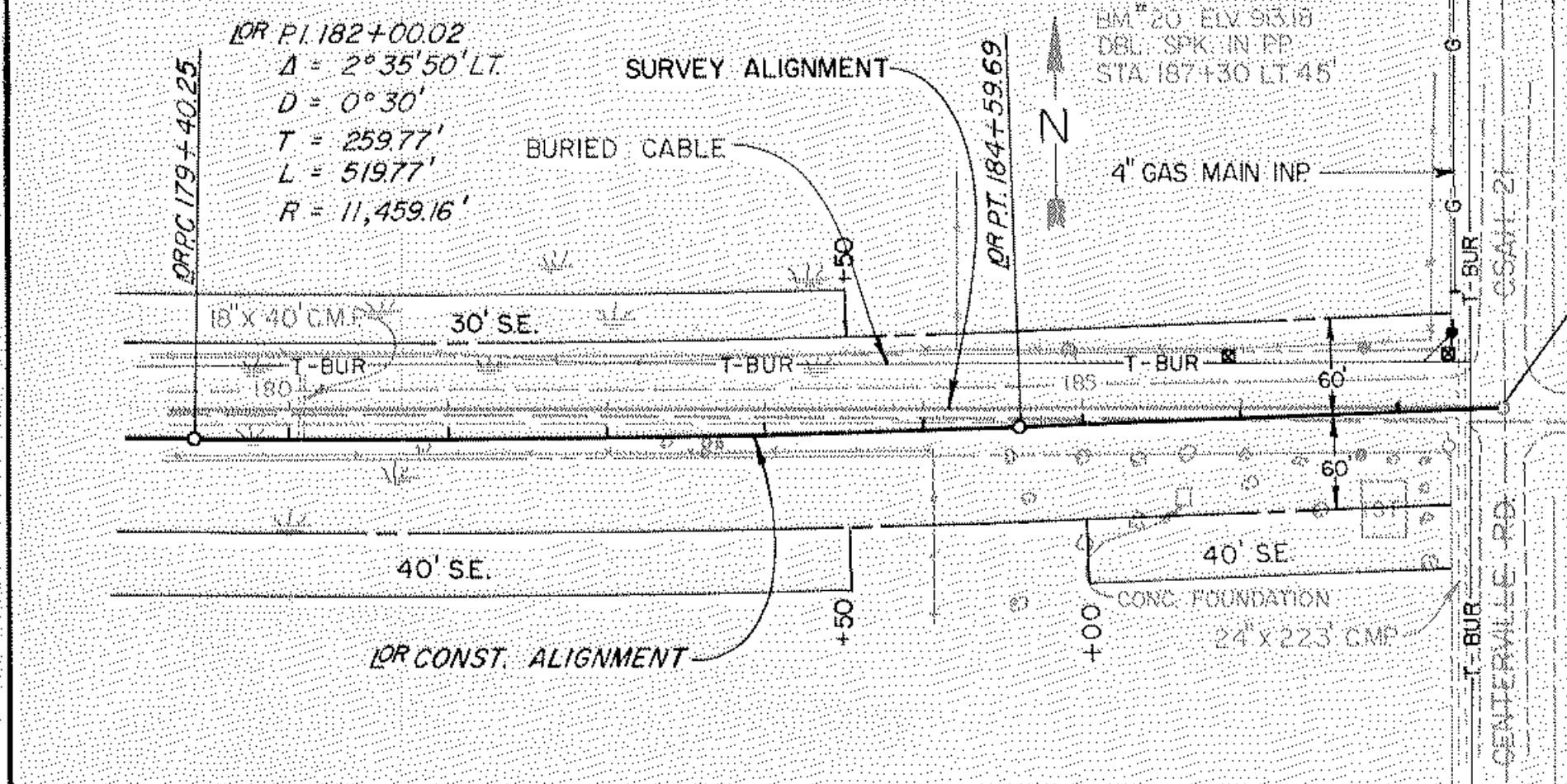
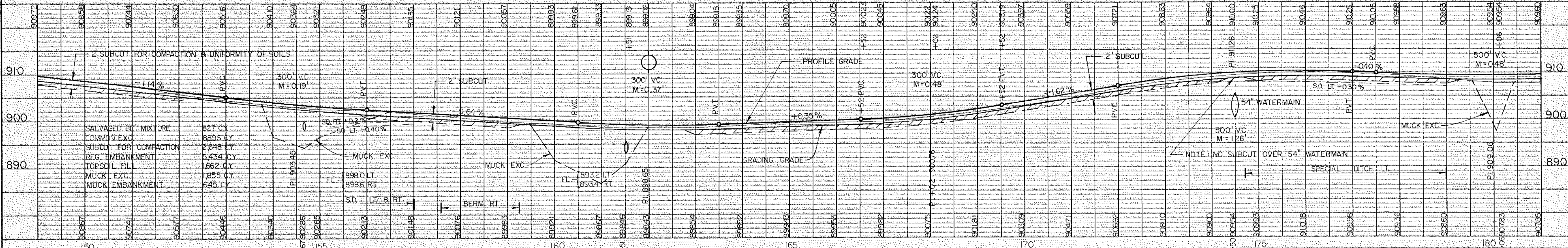
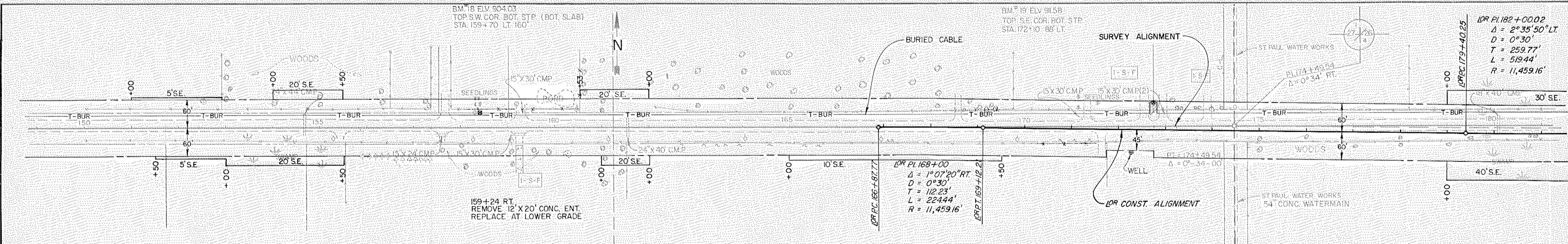
QUANTITIES INCLUDE ROAD APPROACH RT 121+85

SALVAGED BIT MIXTURE	919 CY
COMMON EXC.	29,446 CY
SUBCUT FOR COMPACTION	2,223 CY
REIN. EMBANKMENT	8,100 CY
TOP SOIL FILL	1,876 CY
MUCK EXC.	10,003 CY
MUCK EMBANKMENT	2,181 CY

BM #18 ELV 904.03
TOP S.W. COR. BOT. STP. (BOT. SLAB)
STA. 159+70 LT. 160

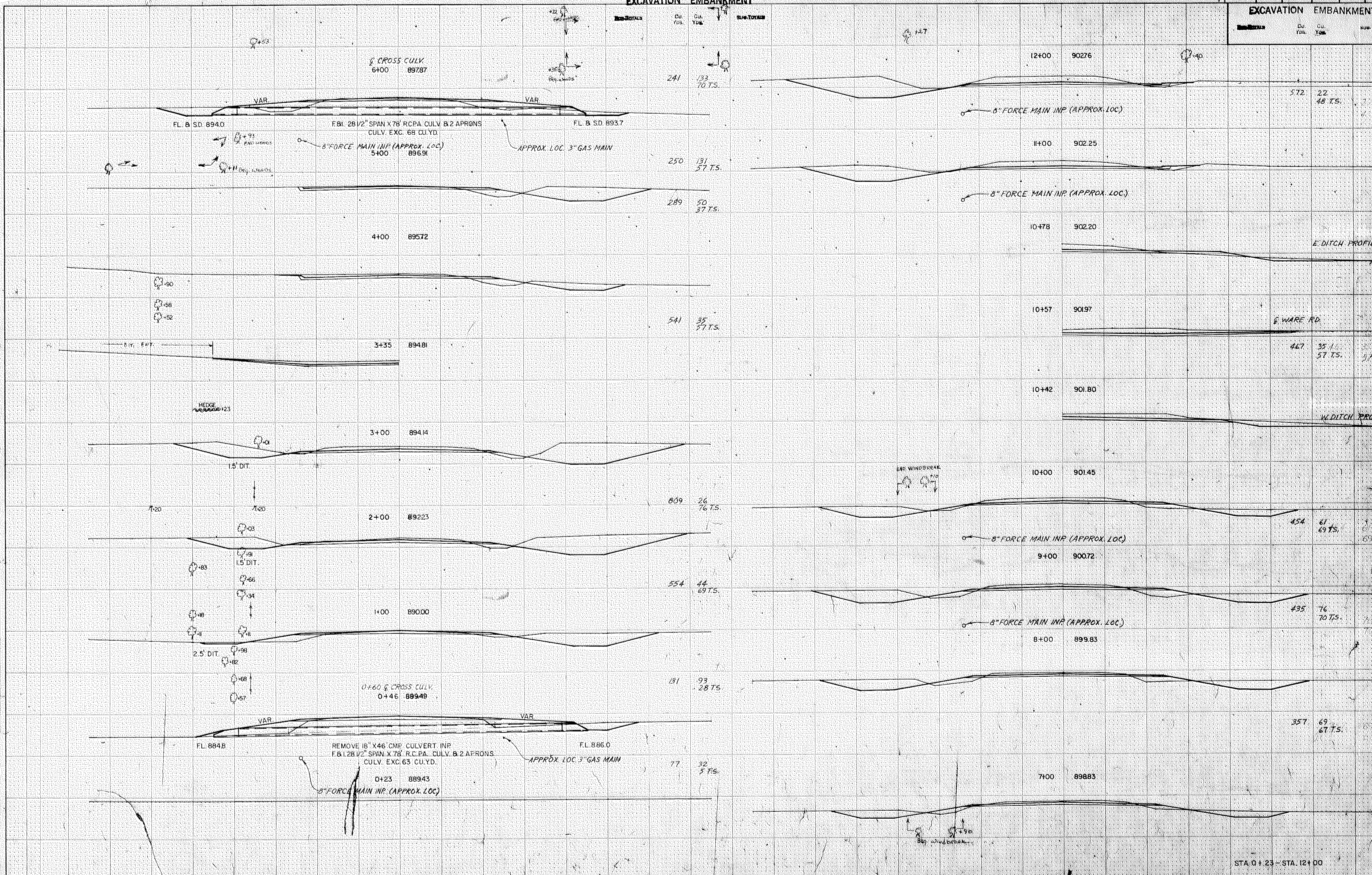
BM #19 ELV 911.58
TOP S.E. COR. BOT. STP.
STA. 172+10 68' LT.

FOR PL 182+00.02
 $\Delta = 2^\circ 35' 50''$ LT.
 $D = 0^\circ 30'$
 $T = 259.77'$
 $L = 519.44'$
 $R = 11,459.16'$



EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	PROJ. NO.	EXCAVATION	EMBANKMENT
			Cu. Yds.	Cu. Yds.
				SUB-TOTAL



NOTE: MOORE & ASSOCIATES, INC. AREAS CHECKED

NOTE: MOORE & ASSOCIATES, INC. AREAS CHECKED

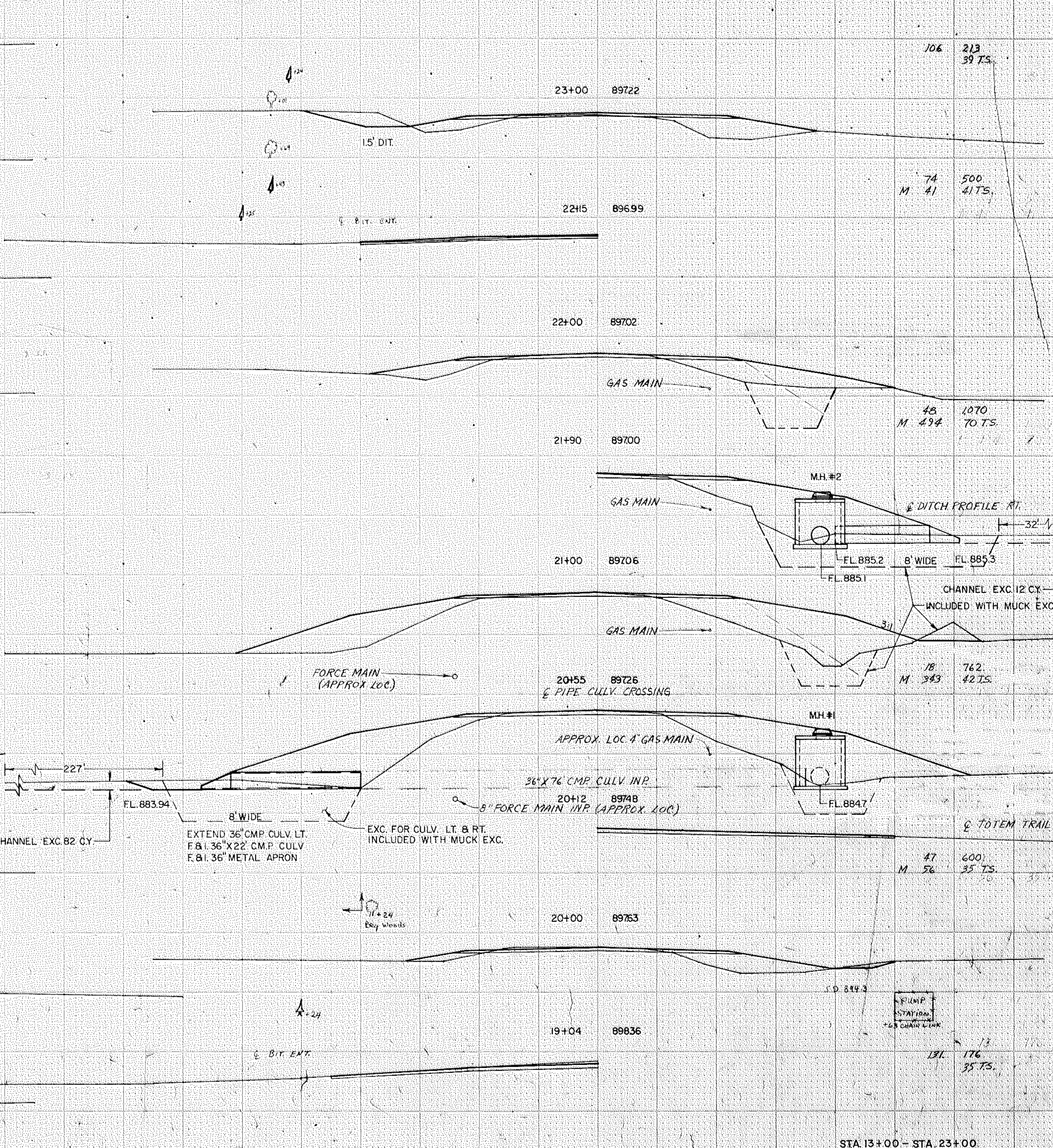
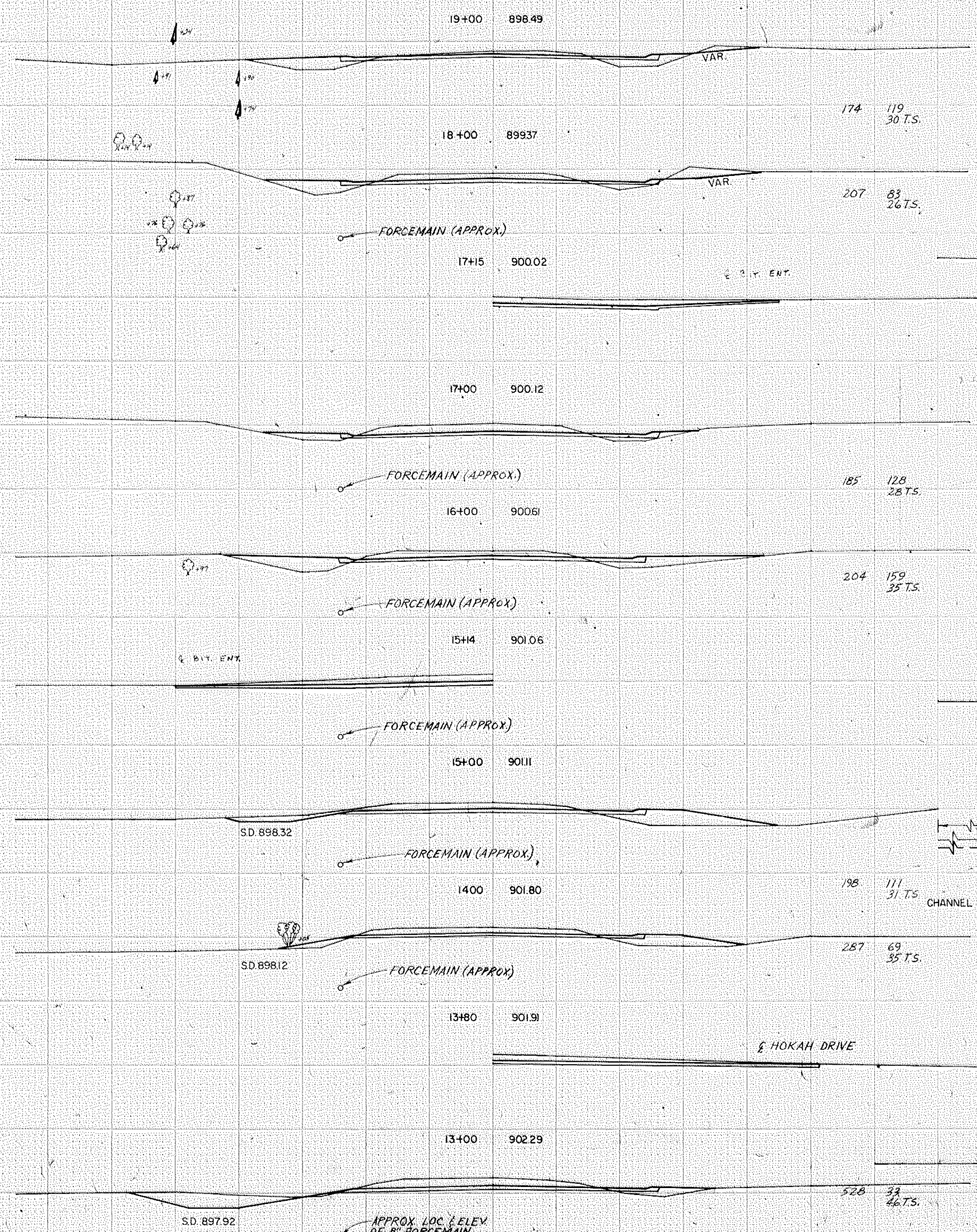
STA. 0+23 - STA. 12+00

EXCAVATION EMBANKMENT

EXCAVATION EMBANKMENT

Sub-TOTALS Cu. Yds. Cu. Yds. Sub-TOTALS

Sub-TOTALS Cu. Yds. Cu. Yds. Sub-TOTALS

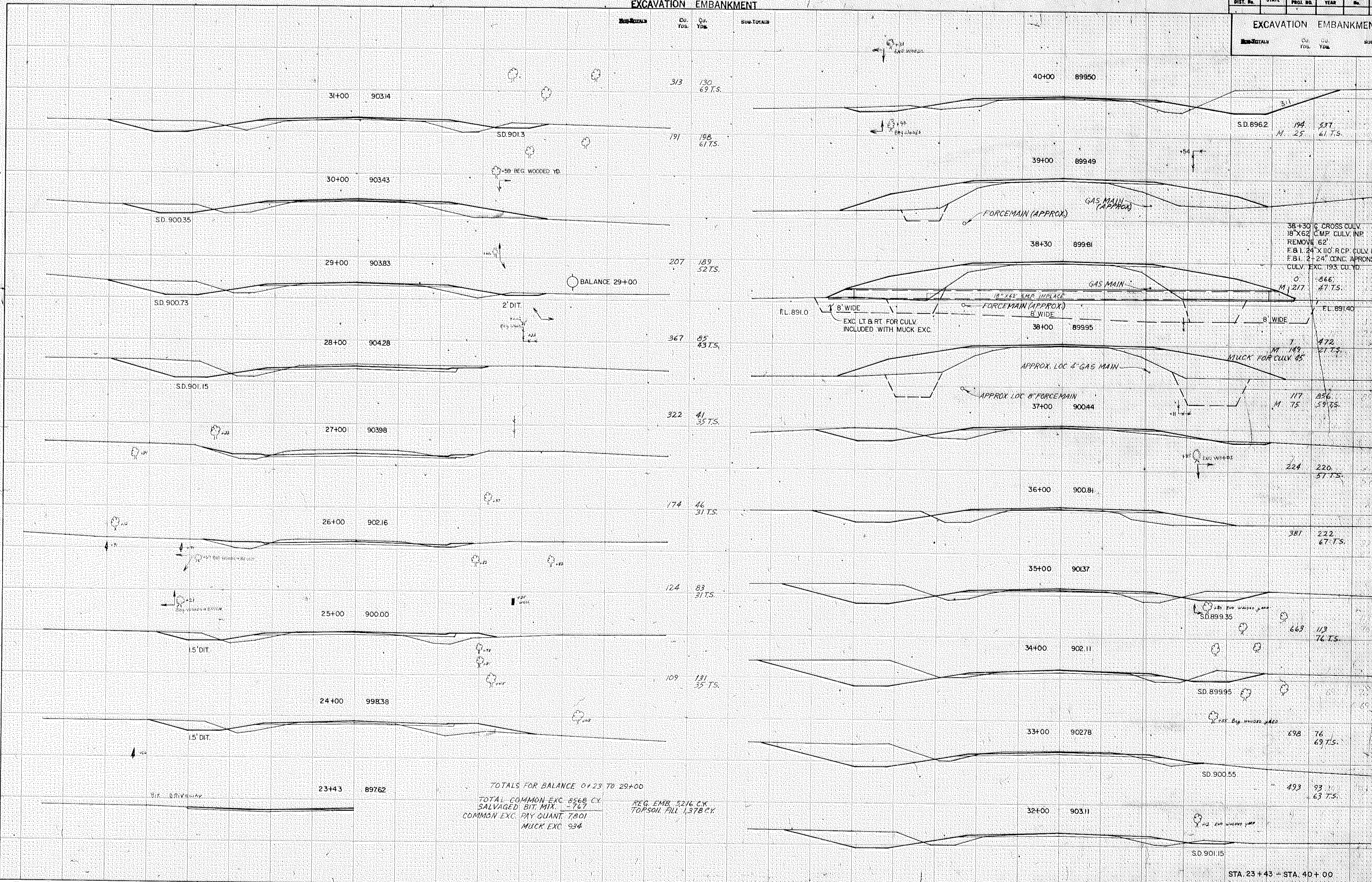


FUNCTIONAL BOUNDARY - OPEN DOTTED
ROGERS CO. ENGINEERS - ST. PAUL

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

EXCAVATION EMBANKMENT			
SUB-TOTAL	CU. YDS.	CU. YDS.	SUM-TOTAL



NOTE: BOOK TEMPLATE AREAS CHECKED

NOTE: BOOK TEMPLATE AREAS CHECKED

31+00 90314

30+00 90343

29+00 90383

28+00 90428

27+00 90398

26+00 90216

25+00 90000

24+00 99838

23+43 89762

SD.901.3

SD.900.35

SD.900.73

SD.901.15

BALANCE 29+00

15' DIT

15' DIT

6' DRYWAY

59' BEG WOODED YD.

2' DIT

WOOD

WELL

TOTALS FOR BALANCE 0+23 TO 29+00
 TOTAL COMMON EXC 8568 CY
 SALVAGED BIT. MIX. - 767
 COMMON EXC. PAY QUANT. 7,801
 MUCK EXC 934
 REG. EMB 5216 CY
 TOPSOIL FILL 1,378 CY

313 130
69 T.S.

191 198
61 T.S.

207 189
52 T.S.

367 85
43 T.S.

322 41
35 T.S.

174 46
31 T.S.

124 83
31 T.S.

109 131
35 T.S.

40+00 89950

39+00 89949

38+30 89981

38+00 89995

37+00 90044

36+00 90081

35+00 90137

34+00 90211

33+00 90278

32+00 90311

SD.896.2 194
M. 25 537
61 T.S.

38+30 CROSS CULV.
18' X 62' C.M.P. CULV. INP.
REMOVE 62'
F. 8.1' 24" X 110' R.C.P. CULV. CL. II
F. 8.1' 2-24" CONC. APRONS
CULV. EXC. 193 CU. YD.

FL. 8910 8' WIDE EXC. LT. & RT. FOR CULV. INCLUDED WITH MUCK EXC. 8' WIDE FORCEMAIN (APPROX) 8' WIDE FL. 89140

18" X 62" S.M.P. IMPL. FORCEMAIN (APPROX) 8' WIDE

APPROX. LOC. 4" GAS MAIN MUCK FOR CULV. 45'

APPROX. LOC. 8" FORCEMAIN

FORCEMAIN (APPROX) GAS MAIN (APPROX)

M. 217 866
47 T.S.

M. 149 472
27 T.S.

M. 117 856
M. 75 39 T.S.

224 220
57 T.S.

381 222
67 T.S.

669 113
76 T.S.

698 76
69 T.S.

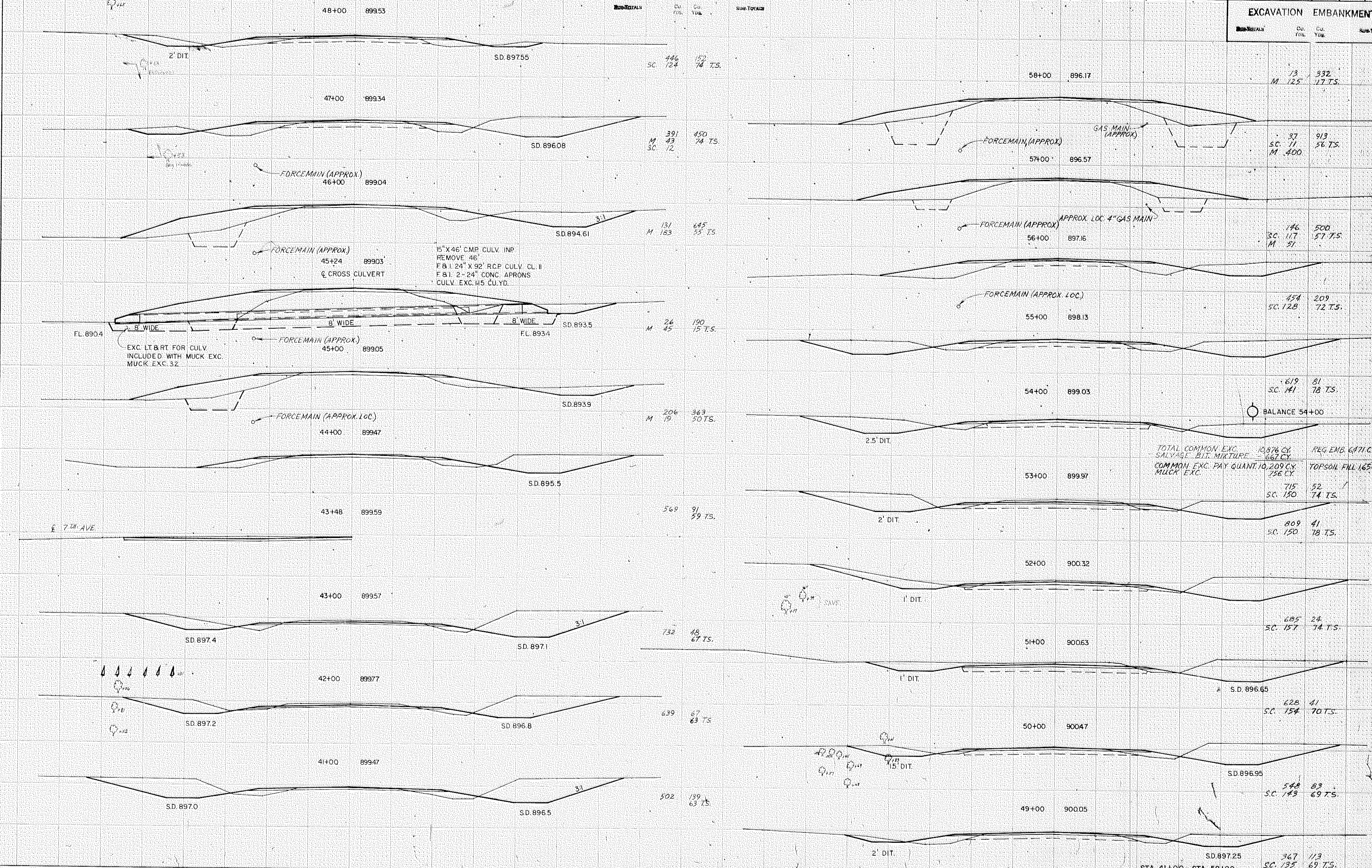
493 93
63 T.S.

STA. 23+43 - STA. 40+00

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
				12	25

EXCAVATION		EMBANKMENT	
Sub-TOTAL	Cu. Yds.	Cu. Yds.	Sub-TOTAL



EXCAVATION		EMBANKMENT	
Sub-TOTAL	Cu. Yds.	Cu. Yds.	Sub-TOTAL
		13	332
M	125		17 T.S.
		37	913
SC	11		56 T.S.
M	400		
		146	500
SC	117		57 T.S.
M	51		
		454	209
SC	128		72 T.S.
		619	81
SC	141		78 T.S.
			BALANCE 54+00
		10,876	671
		667	
		10,209	1,656
		156	
SC	715		52
	150		74 T.S.
		809	41
SC	150		78 T.S.
		685	24
SC	157		74 T.S.
		628	41
SC	154		70 T.S.
		548	83
SC	143		69 T.S.
		367	113
SC	135		69 T.S.

TOTAL COMMON EXC. 10,876 CY
 SALVAGE BIT. MIXTURE 667 CY
 COMMON EXC. PAY QUANT. 10,209 CY
 MUCK EXC. 156 CY
 REG. EMB. 671 CY
 TOPSOIL FILL 1,656 CY

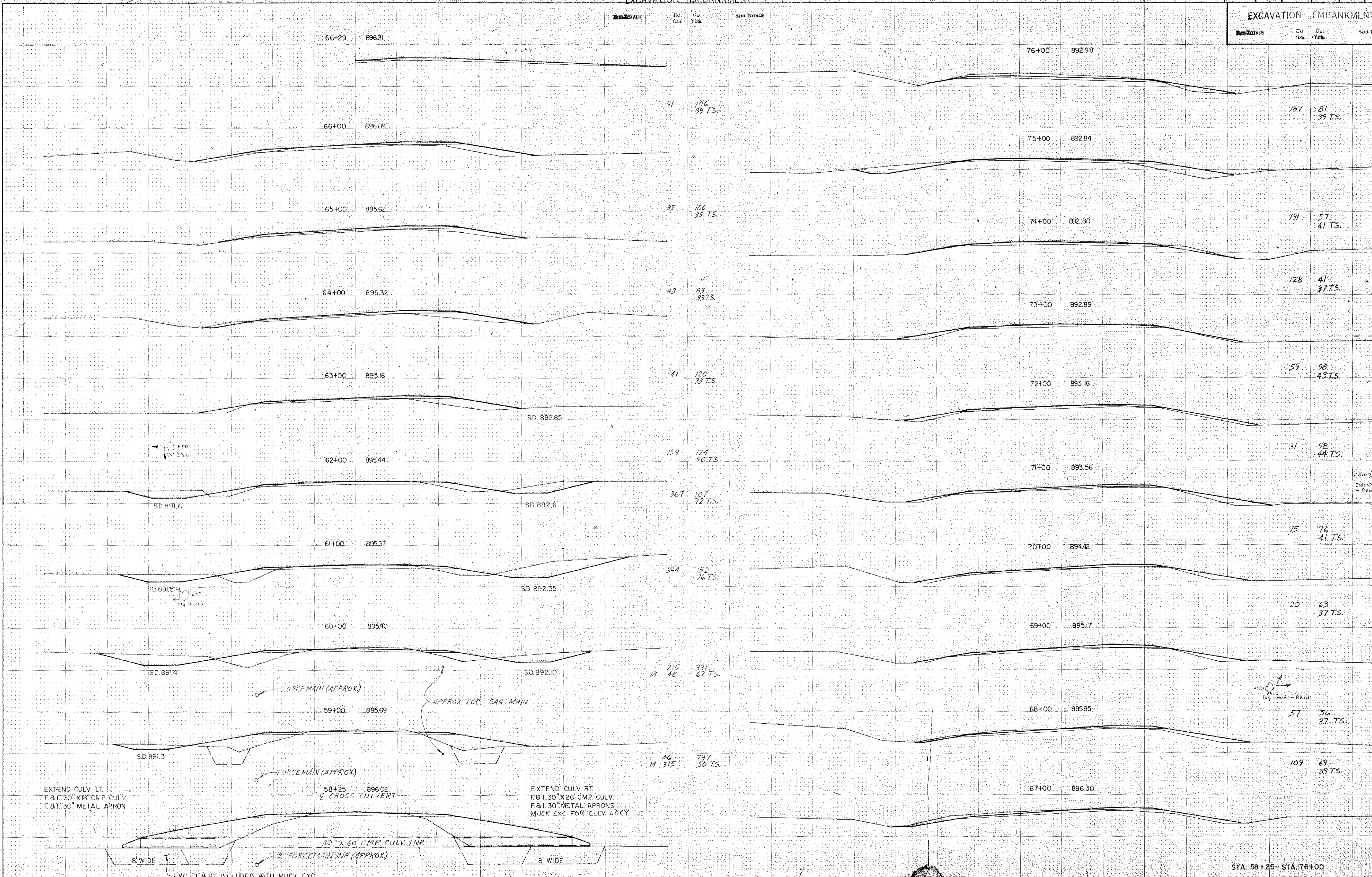
NOTE BOOK NO. AREAS CHECKED

NOTE BOOK NO. AREAS CHECKED

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
---------------------	-------	-------------------	-------------	-----------	--------------

EXCAVATION		EMBANKMENT		SUB-TOTAL
CU. YDS.	TS.	CU. YDS.	TS.	



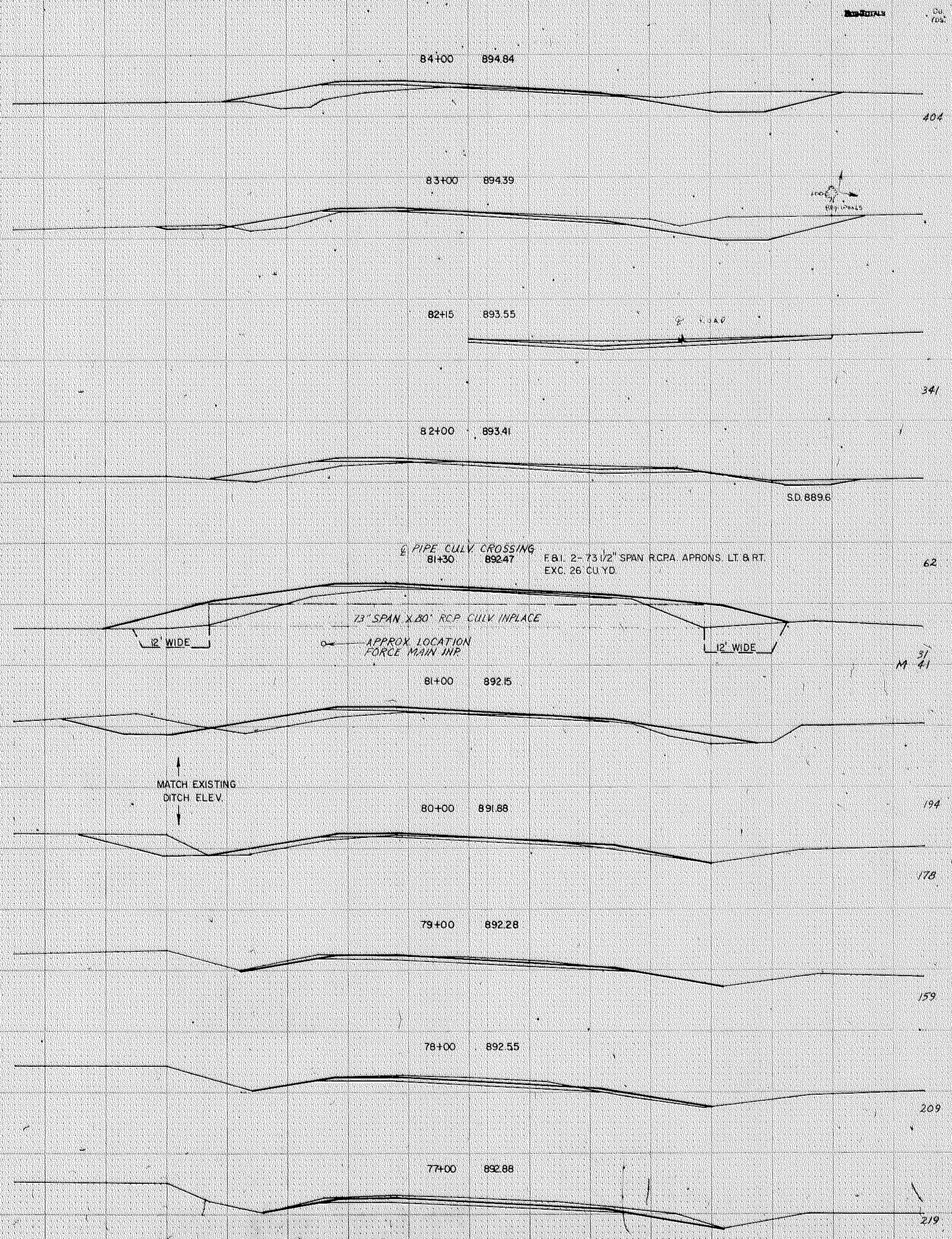
NOTE BOOK TEMPLATE AREAS CHECKED

NOTE BOOK TEMPLATE AREAS CHECKED

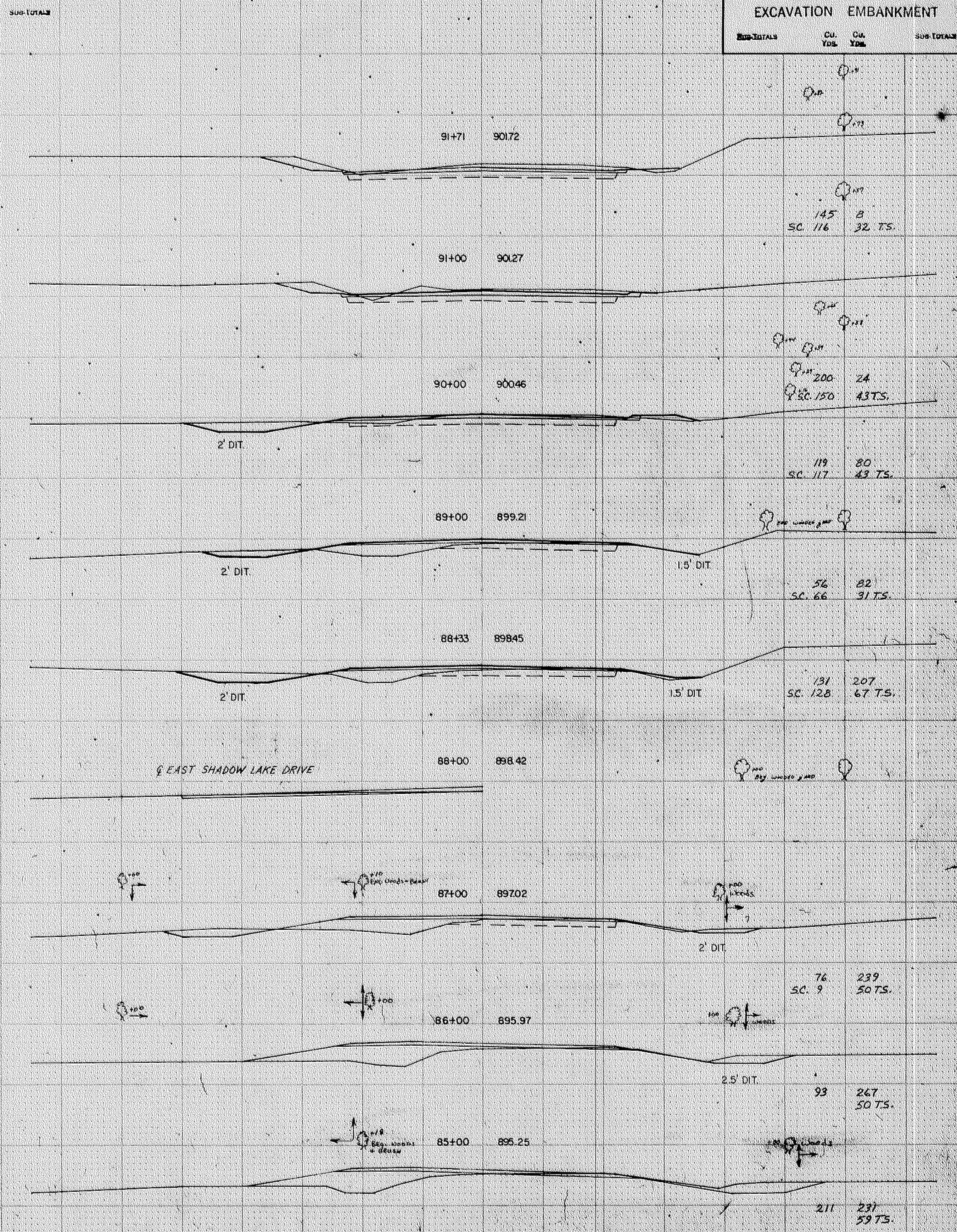
EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
				14	25

EXCAVATION EMBANKMENT			
SUB-TOTALS	CU. YDS.	CU. YDS.	SUB-TOTALS



SUB-TOTALS	CU. YDS.	CU. YDS.	SUB-TOTALS
404	146	69	797.5
341	102	69	797.5
62	263	43	75
31	128	18	75
194	159	50	75
178	41	37	75
159	17	35	75
209	17	33	75
219	24	31	75



SUB-TOTALS	CU. YDS.	CU. YDS.	SUB-TOTALS
145	8	32	75
119	80	49	75
56	82	31	75
131	207	67	75
76	239	50	75
93	267	50	75
211	231	59	75

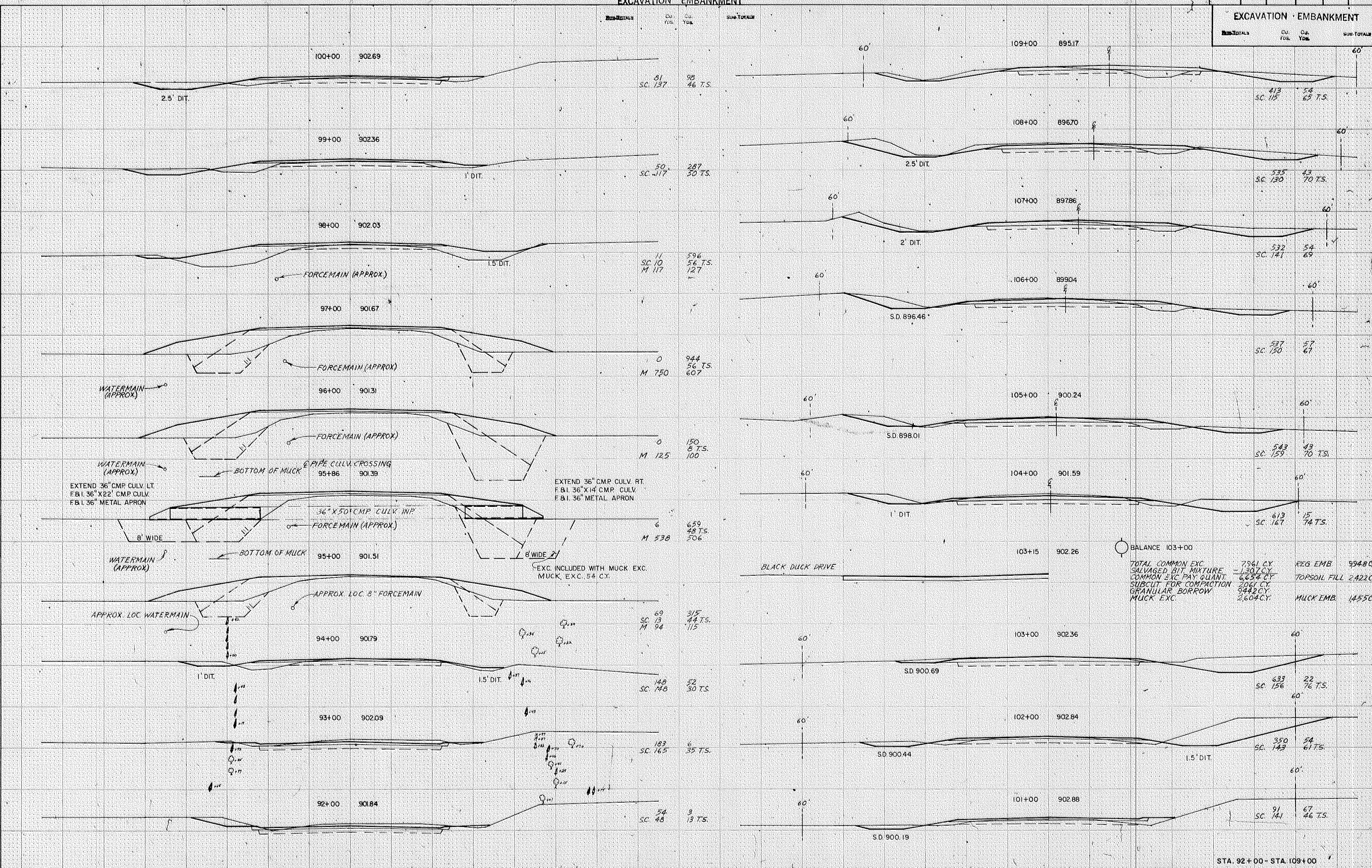
STA 77+00 - STA 91+71

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

EXCAVATION EMBANKMENT

SUB-TOTALS	CU. YDS.	CU. YDS.	SUB-TOTAL



TOTAL COMMON EXC	7961 CY	REG. EMB	9948 CY
SALVAGED BIT MIXTURE	287 CY	TOPSOIL FILL	2422 CY
COMMON EXC PAY QUANT	6654 CY	MUCK EMB	1455 CY
SUBCUT FOR COMPACTION	2061 CY		
GRANULAR BORROW	842 CY		
MUCK EXC.	2604 CY		

STA. 92+00 - STA. 109+00

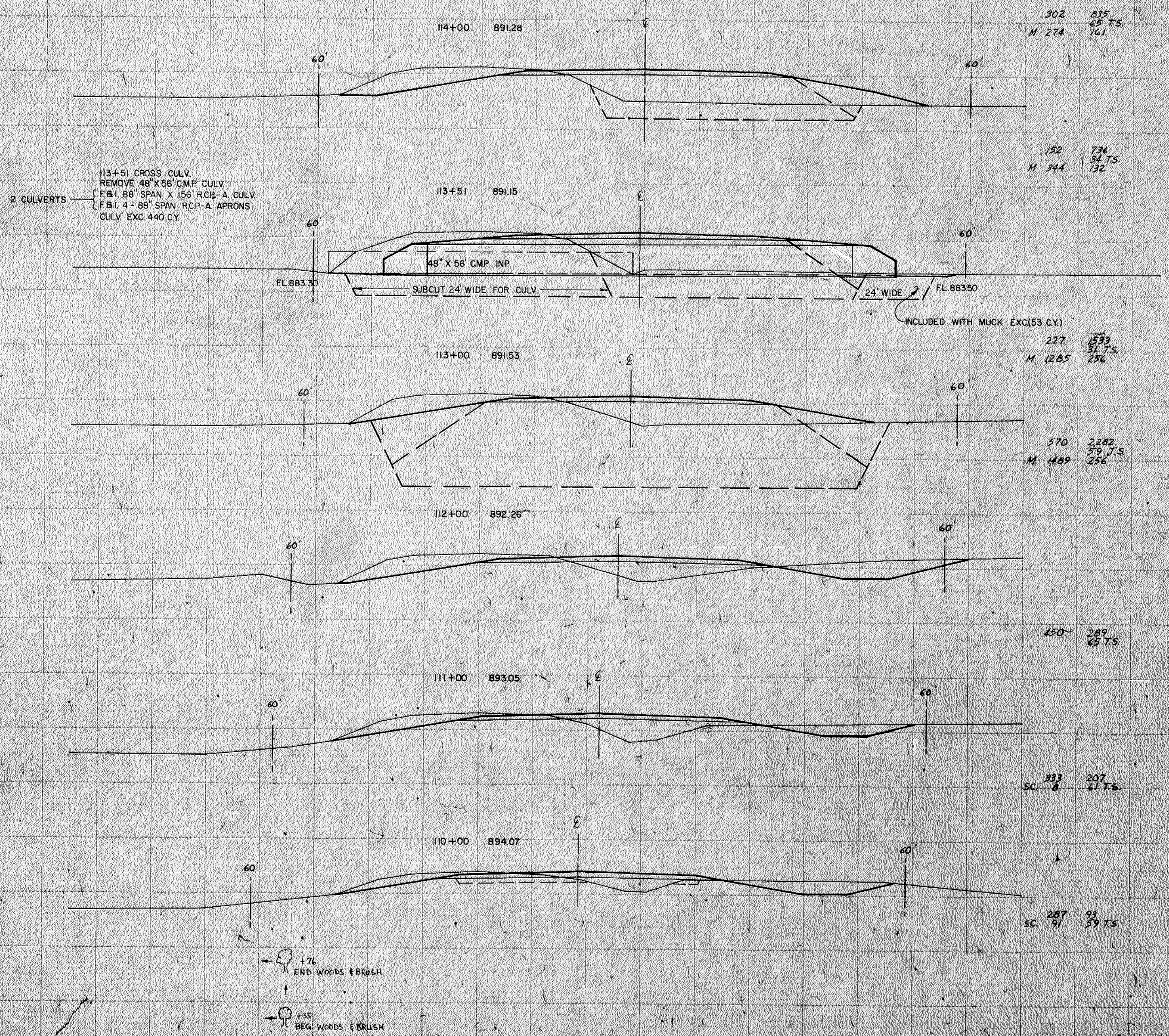
CONVENTIONAL CROSS SECTION - OPEN BOTTOMED
 INDIANAS CO. - INDIANAPOLIS - ST. PAUL

S.A.P. 02-610-06

State Proj. No.

Sheet No. 15 of 25 Sheets

EXCAVATION EMBANKMENT



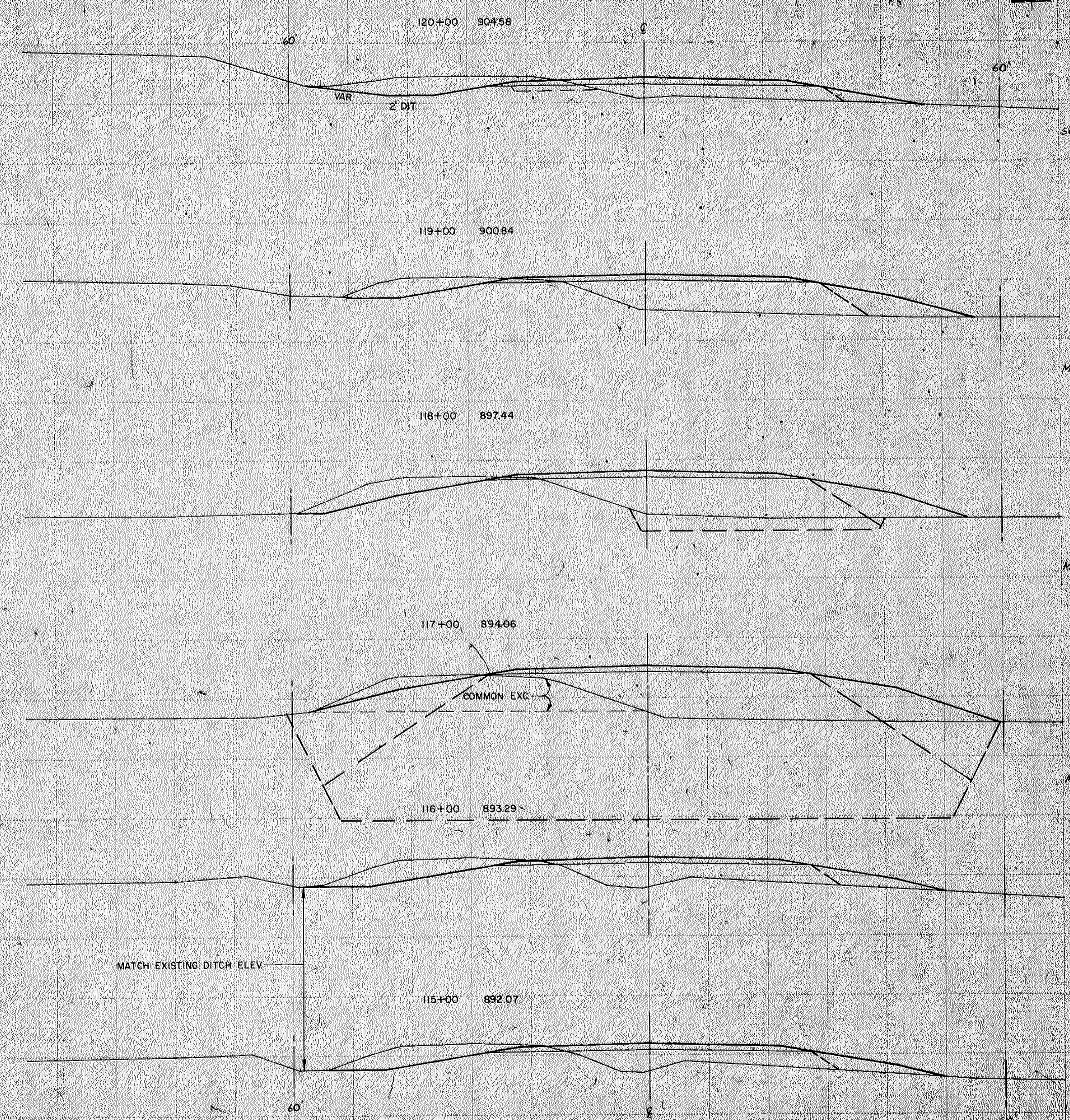
Station	Excavation (CY)	Embankment (CY)	Total (CY)
114+00	302	835	1137
113+51	M 274	161	435
113+00	152	736	888
112+00	M 344	132	476
113+00	227	1533	1760
112+00	M 1489	256	1745
111+00	570	2282	2852
110+00	M 1285	256	1541
112+00	450	289	739
111+00	SC 333	207	540
110+00	SC 287	99	386

113+51 CROSS CULV.
REMOVE 48' X 56' CMP CULV.
F.B.I. 88' SPAN X 156' RCB-A CULV.
F.B.I. 4 - 88' SPAN RCP-A APRONS
CULV. EXC. 440 CY.

176
END WOODS & BRUSH

135
BEG. WOODS & BRUSH

EXCAVATION EMBANKMENT



Excavation	Embankment	Subtotal
SC 244	537	
4	31 T.S.	
	159 M	

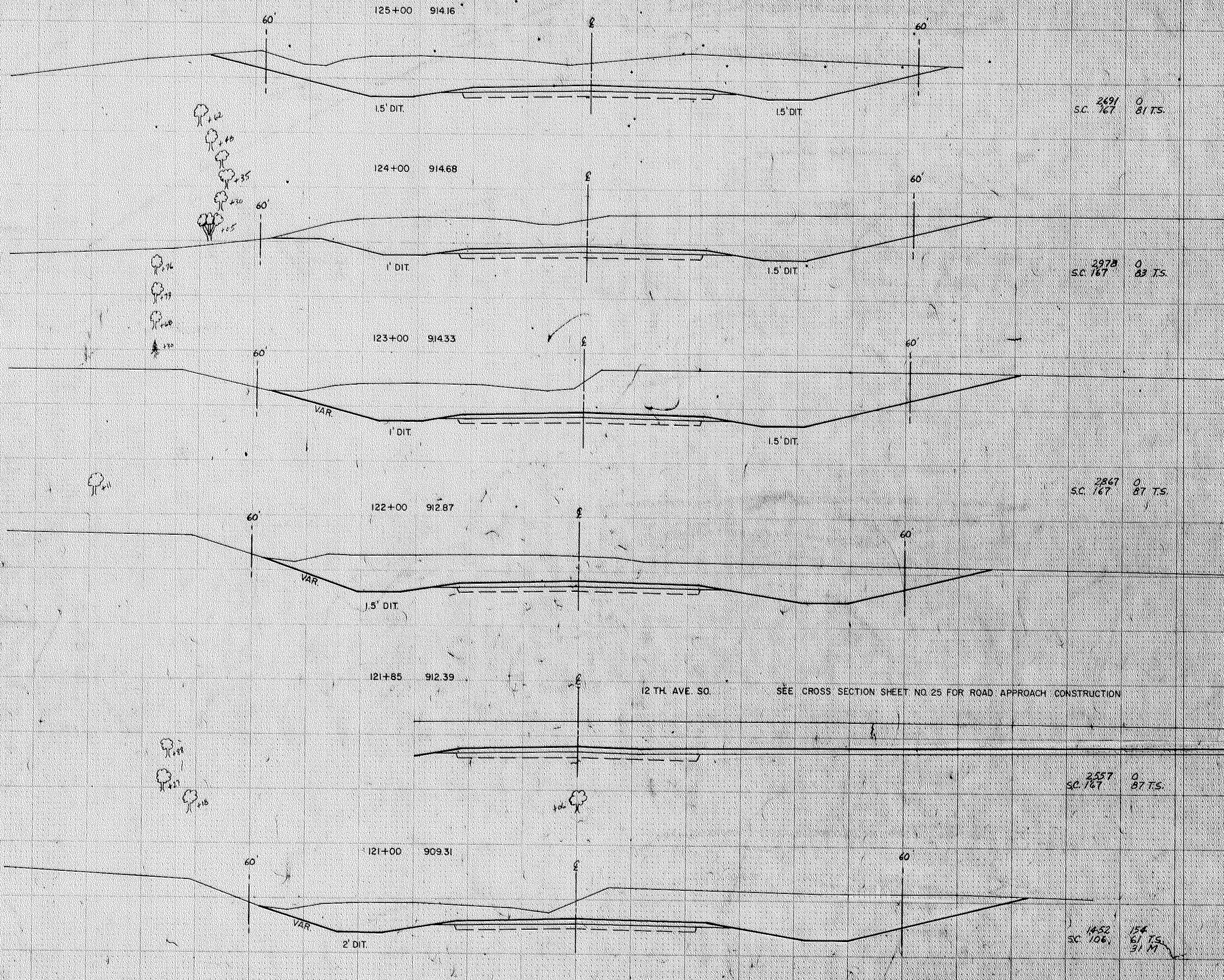
231	1069
M 181	33 T.S.
	265

578	4698
M 3752	19 T.S.
	939

591	4278
M 2678	17 T.S.
	865

278	461
	48 T.S.
	117 M

STA. 115+00 - STA. 120+00



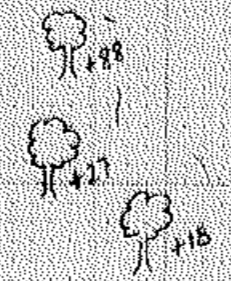
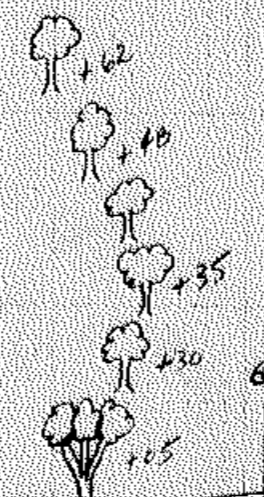
2691
SC. 167 0
81 TS.

2978
SC. 167 0
83 TS.

2867
SC. 167 0
87 TS.

2357
SC. 167 0
87 TS.

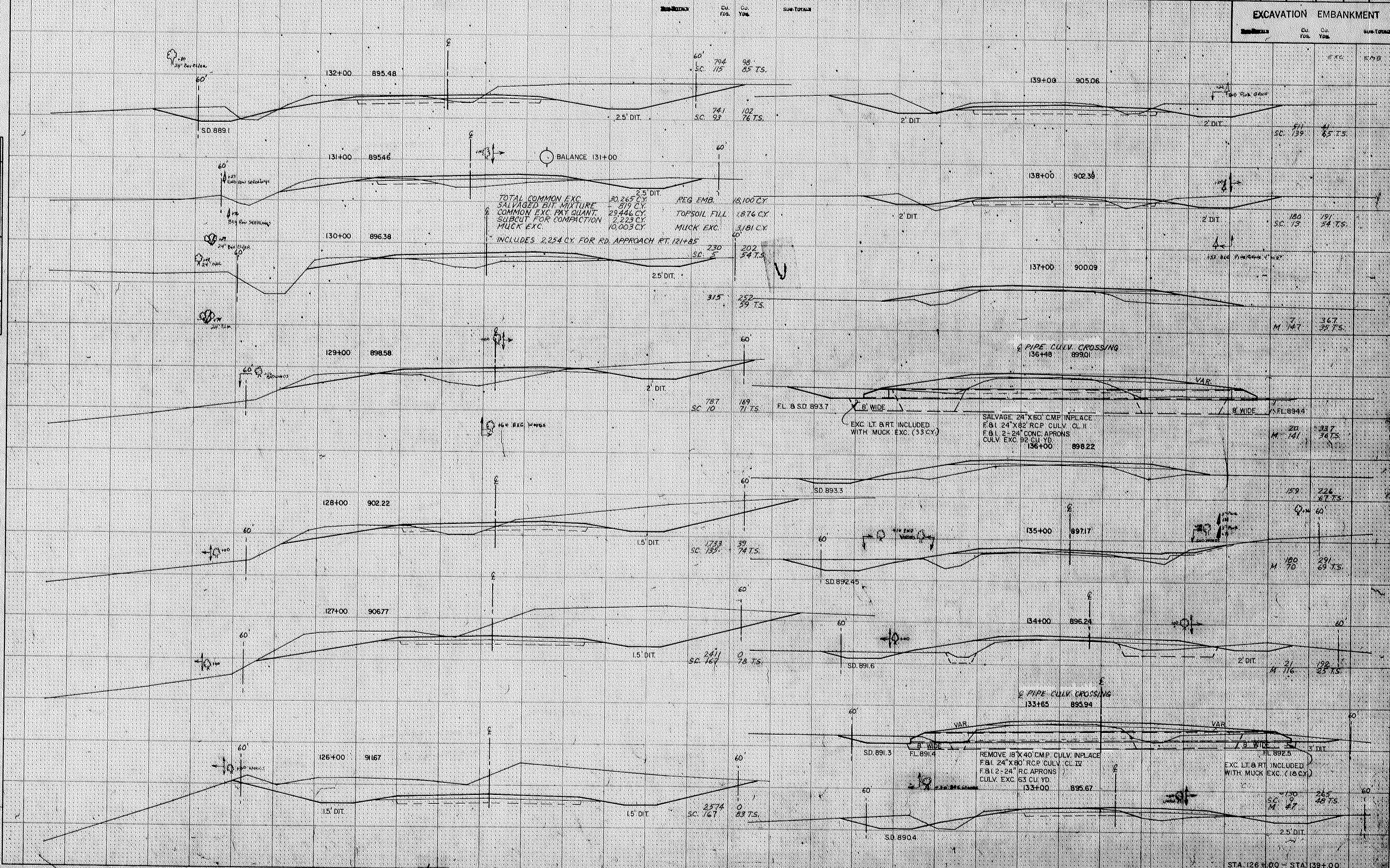
1452
SC. 106, 154
61 TS.
31 M.



EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
				19	25

EXCAVATION EMBANKMENT



TOTAL COMMON EXC. 20,265 CY.
 SALVAGED BIT MIXTURE 289 CY.
 COMMON EXC. PAY QUANT. 29,446 CY.
 SUBBIT FOR COMPACTION 2,223 CY.
 MUCK EXC. 10,003 CY.
 INCLUDES 2,254 CY. FOR RD. APPROACH RT. 121+85

REG. EMB. 18,100 CY.
 TOPSOIL FILL 1,876 CY.
 MUCK EXC. 3,181 CY.

EXC. LT. & RT. INCLUDED WITH MUCK EXC. (33 CY.)

SALVAGE 24" X 60" CMP IN PLACE
 F.B.I. 24" X 82" RCP CULV. CL. II
 F.B.I. 2-24" RC APRONS
 CULV. EXC. 82 CU. YD.

REMOVE 18" X 40" CMP CULV. IN PLACE
 F.B.I. 24" X 80" RCP CULV. CL. IV
 F.B.I. 2-24" RC APRONS
 CULV. EXC. 63 CU. YD.

EXC. LT. & RT. INCLUDED WITH MUCK EXC. (18 CY.)

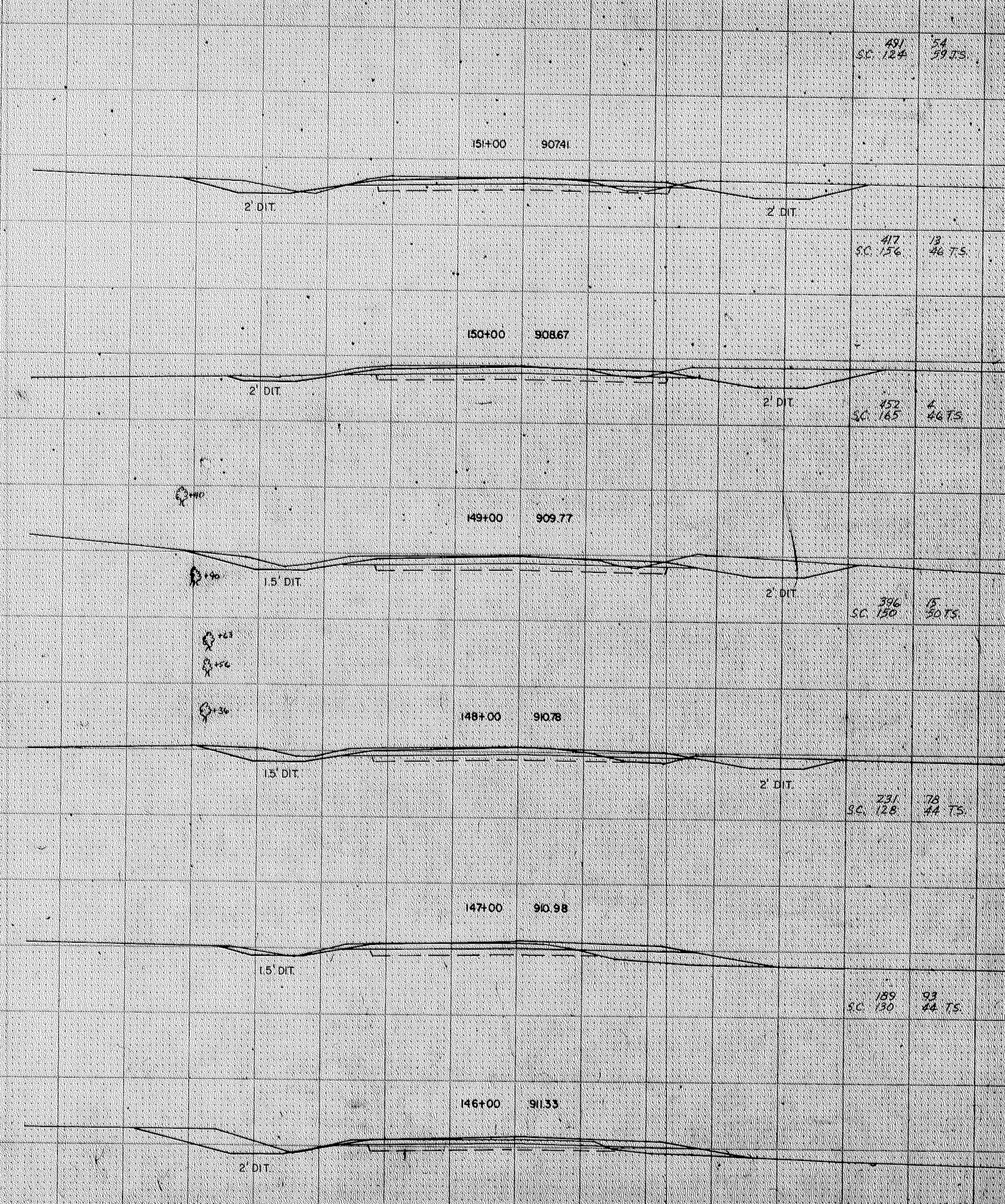
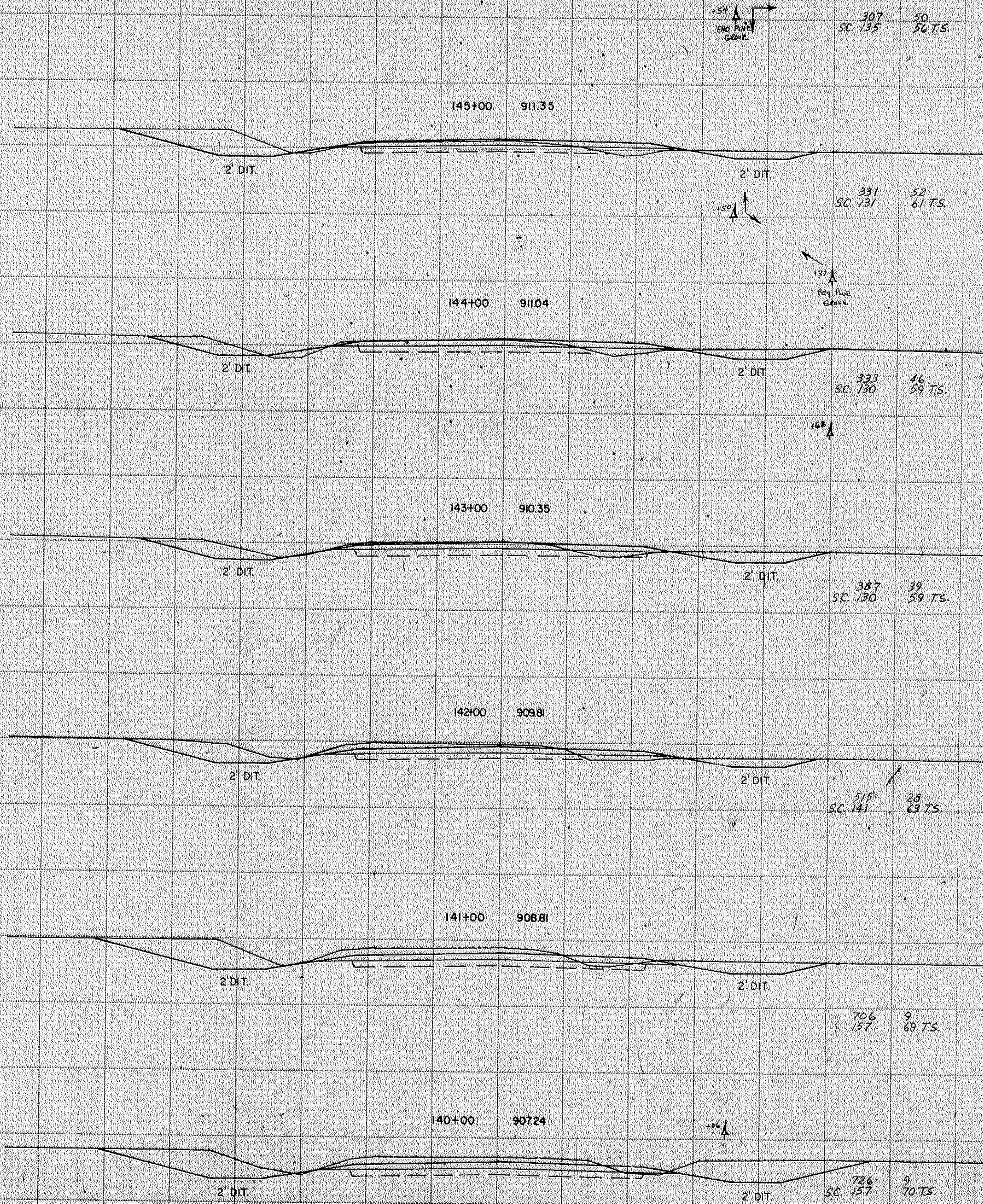
EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

EXCAVATION EMBANKMENT

EXCAVATION Cu. Yds. EMBANKMENT Cu. Yds. SUB-TOTAL

EXCAVATION Cu. Yds. EMBANKMENT Cu. Yds. SUB-TOTAL



±54
END FINISH GRADE

±50

±37
Req. flow channel

±48

±40
±42
±46
±30

NOTE: ROADWAY IMPROVEMENT AREAS CHECKED

NOTE: ROADWAY IMPROVEMENT AREAS CHECKED

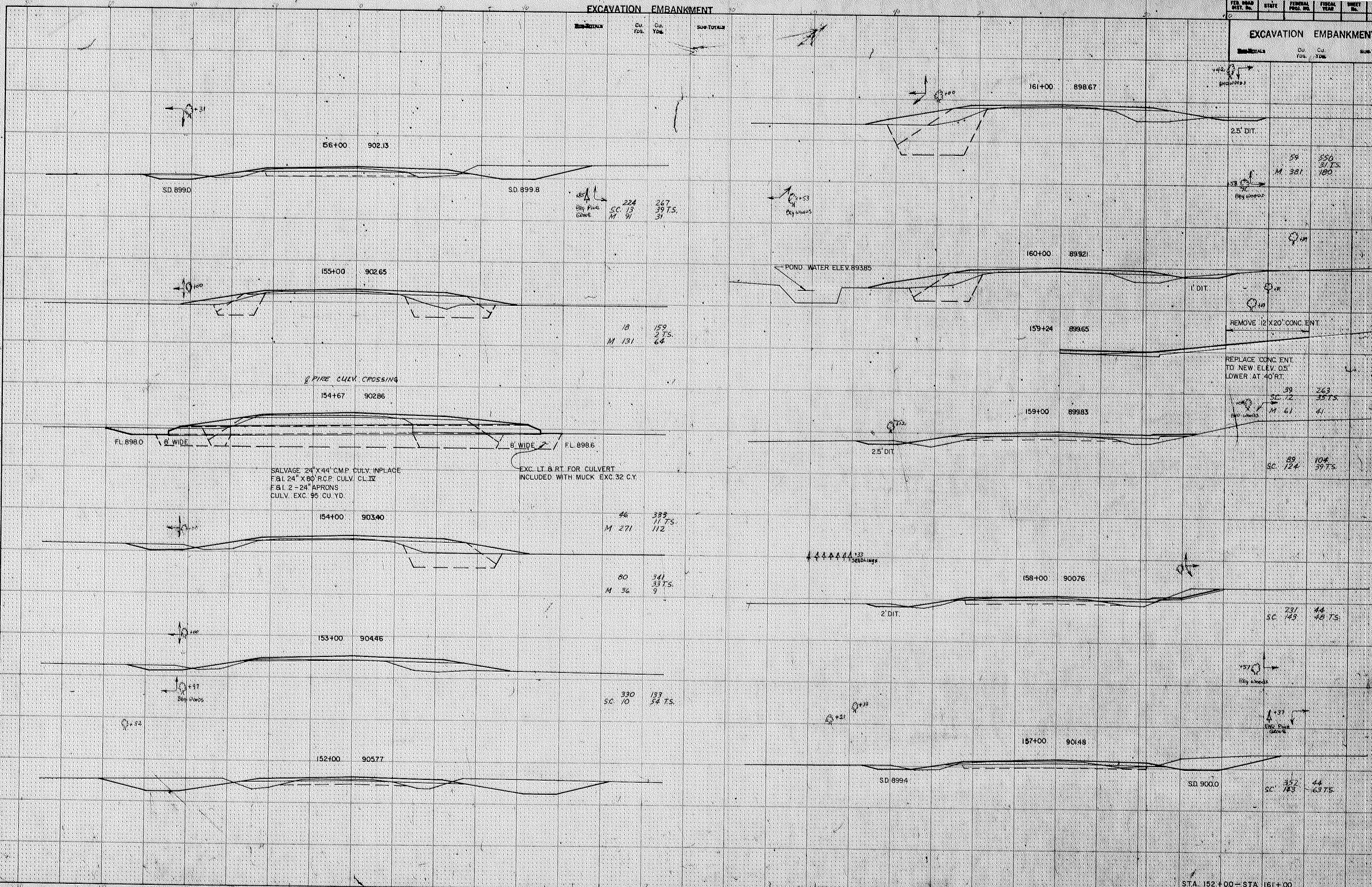
STA. 140+00 - STA. 151+00

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

EXCAVATION EMBANKMENT

ITEMS	Cu Yds.	Cu Yds.	SUM TOTAL



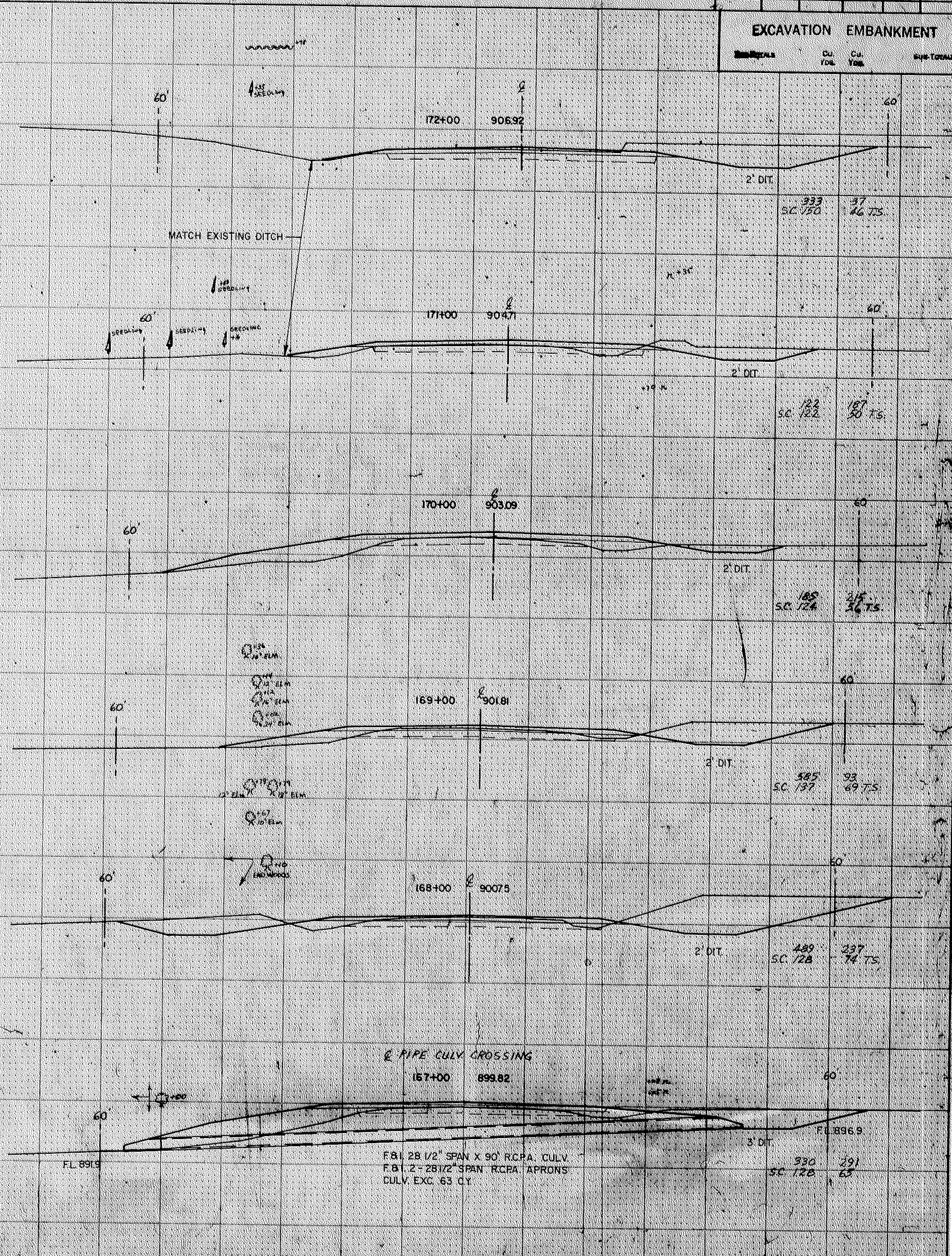
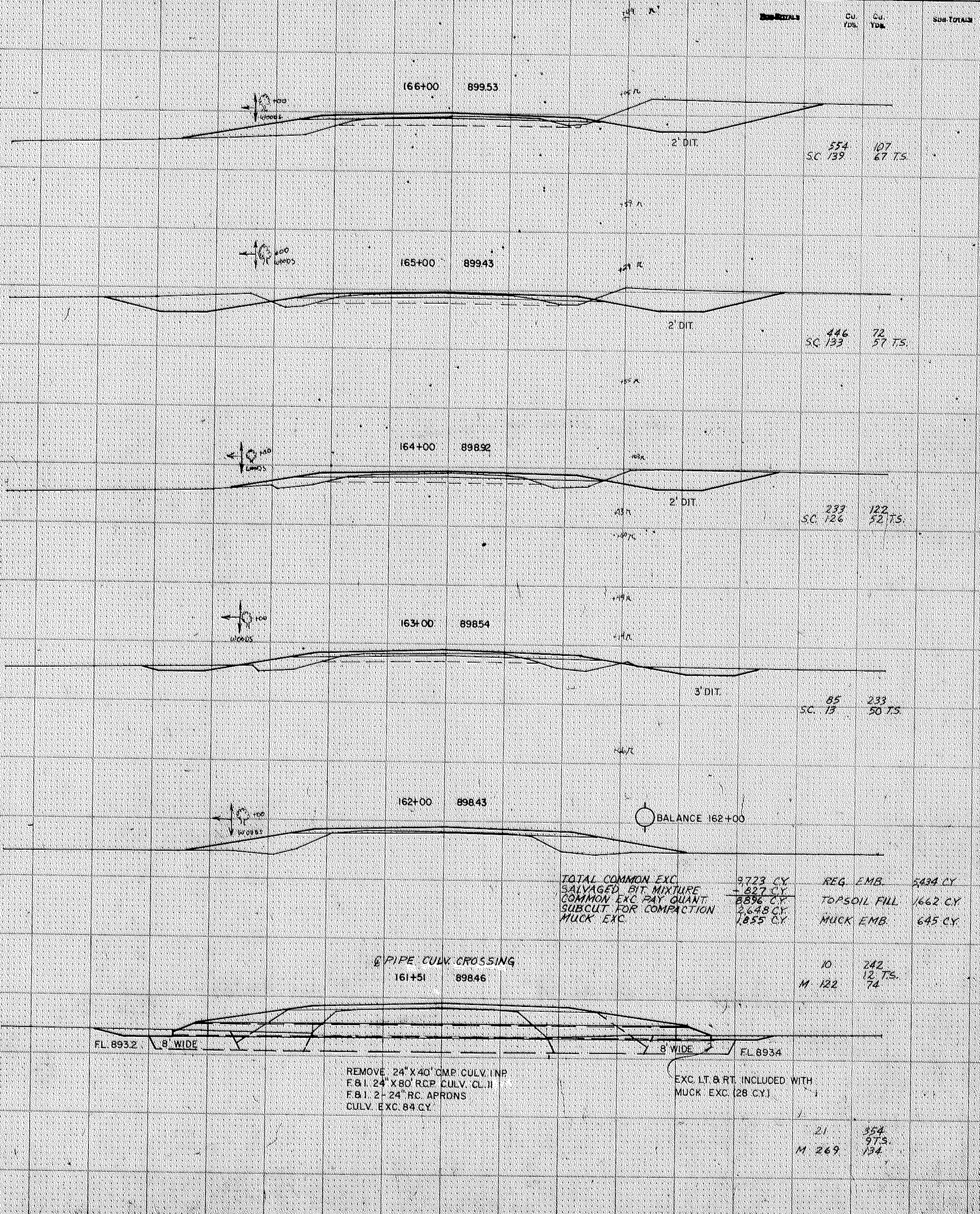
NOTE BOOK TABULAR AREA CHECKED

NOTE BOOK TABULAR AREA CHECKED

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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EXCAVATION EMBANKMENT		
Excavation	Cu. Yds.	Cu. Yds.

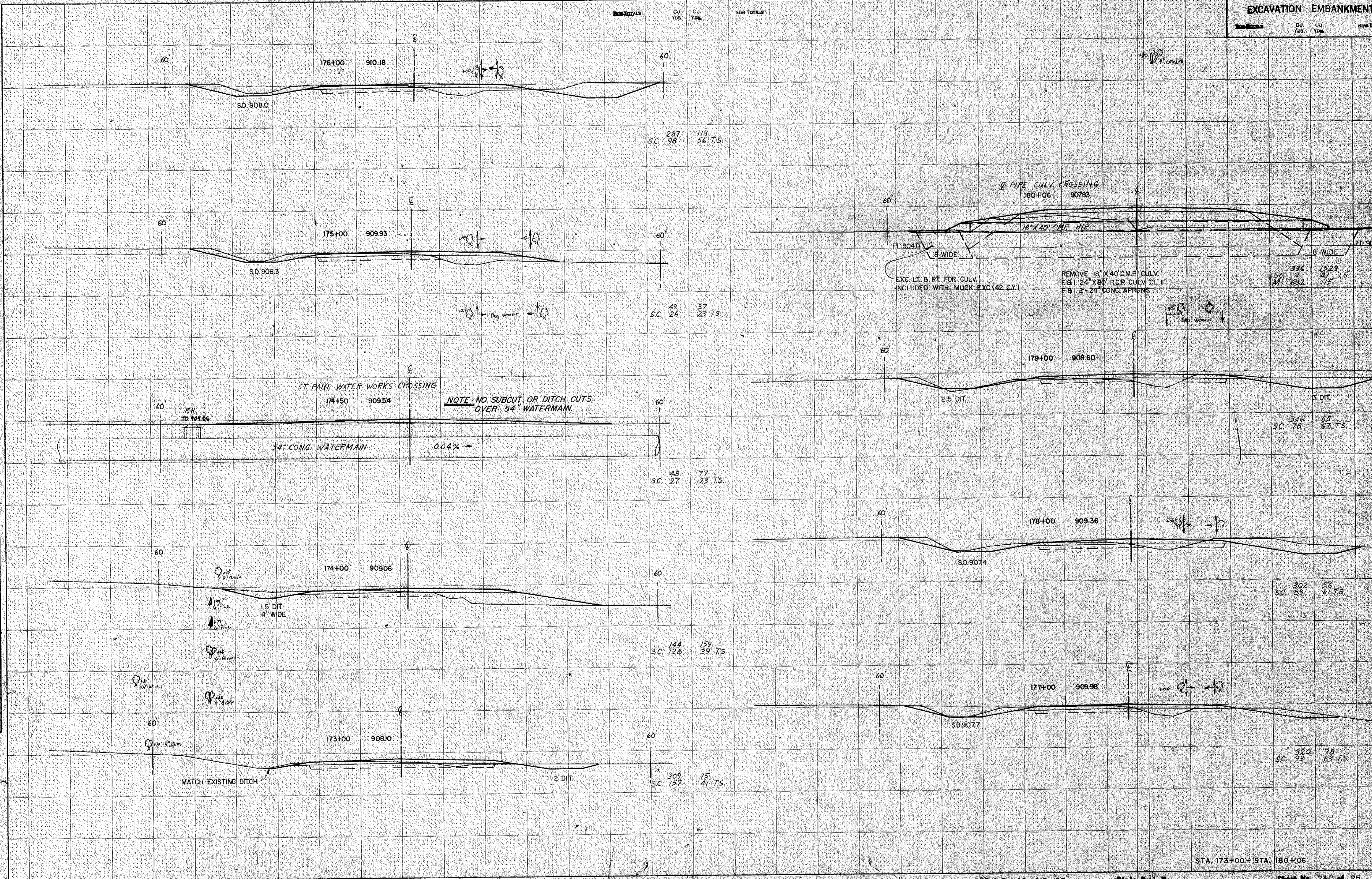


STA. 161+51 - STA. 172+00

VERTICAL CURVE SECTION (SEE NOTES)
SCALE: 1" = 10' VERTICALLY

EXCAVATION EMBANKMENT

FED. ROAD DIST. NO.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
				23	25



FUNCTIONAL CROSS SECTION - OPEN BOTTOM
NOTES TO BE OBSERVED BY CONTRACTOR

S.A.P. 02-610-06

State Proj. No.

Sheet No. 23 of 25

STA. 173+00 - STA. 180+06

NOTE: BOUNDS, AREAS, AND VOLUMES CHECKED

NOTE: BOUNDS, AREAS, AND VOLUMES CHECKED

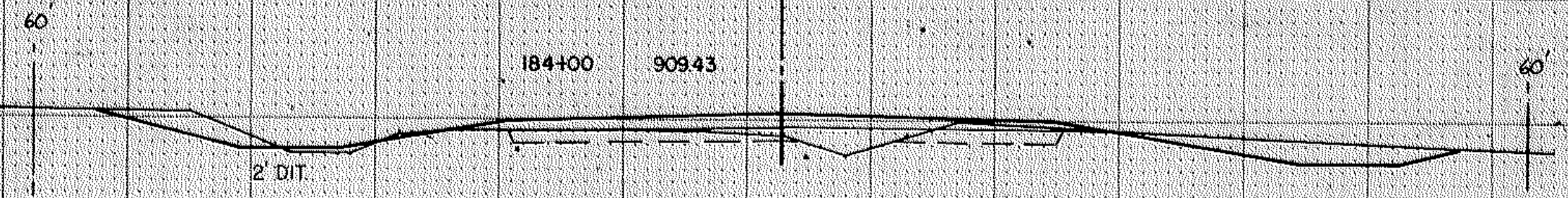
EXCAVATION EMBANKMENT

PER. ROAD DIST. NO.	STATE	FEDERAL AID P.C.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

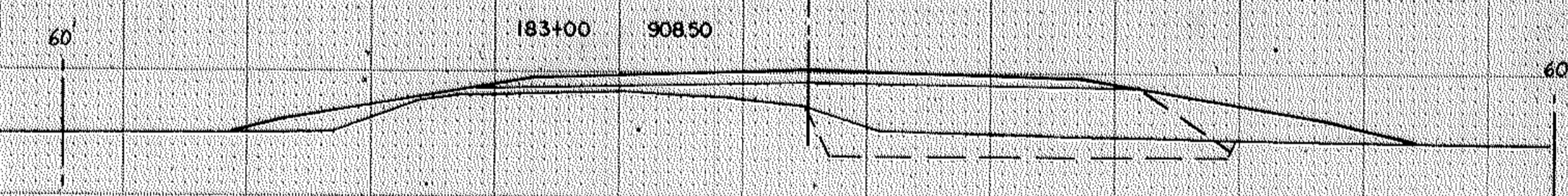
EXCAVATION EMBANKMENT

EXCAVATION Cu. Yds. EMBANKMENT Cu. Yds. SUB-TOTAL

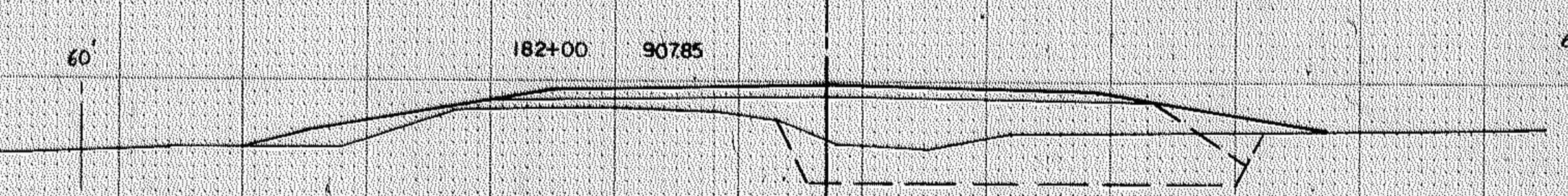
EXCAVATION Cu. Yds. EMBANKMENT Cu. Yds. SUB-TOTAL



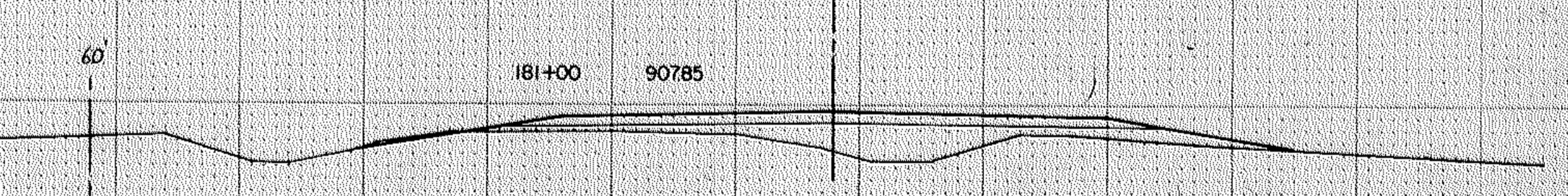
94
SC 11
M 27
439
46.75
14



0
M 367
911
30.75
87



4
M 65
657
31.75
7



155
M 464
1457
19.75
90

W. EDGE 187+52
C.S.A.H. 21
911.83

BALANCE 187+52

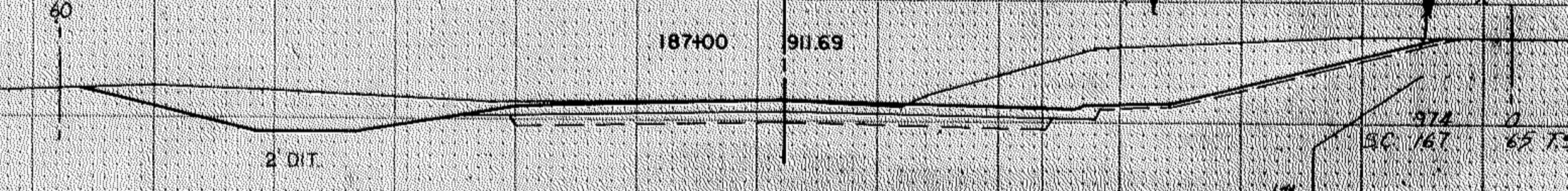
TOTAL COMMON EXC 8379 CY
SALVAGED BIT MIXTURE 621 CY
COMMON EXC PAY QUANT 7698 CY
SUBCUT FOR COMPACTION 2400 CY
GRANULAR BORROW 4451 CY
MUCK ETC 1555 CY

REG. EMB. 7224 CY
TOPSOIL FILL 1387 CY
MUCK EMB. 313 CY

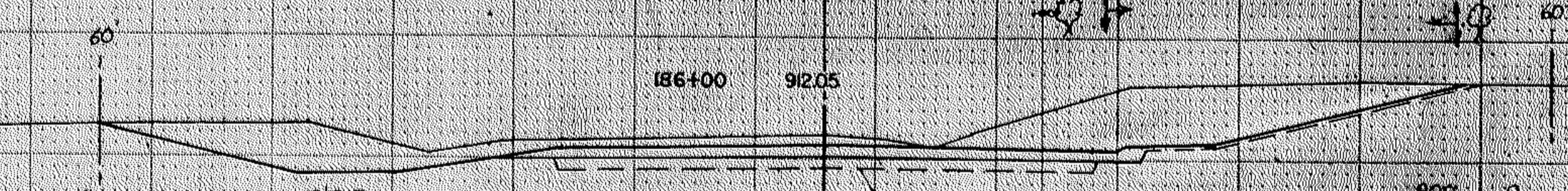
PIPE CULV CROSSING
187+41
911.74

24" X 270 CMP. INP
TO REMAIN IN PLACE

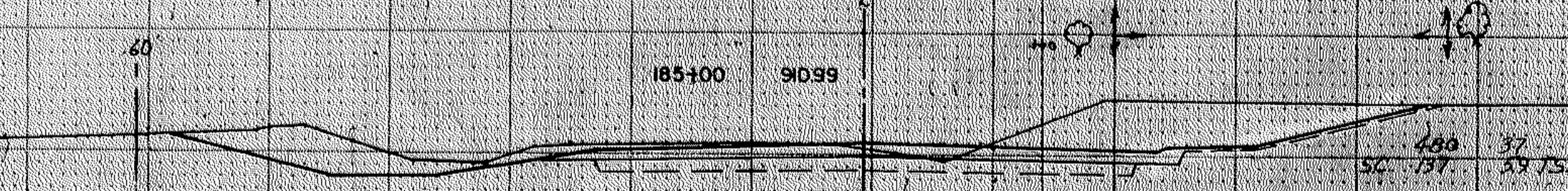
235
SC 17
0
17.75



974
SC 167
0
65.75



900
SC 165
0
59.75



480
SC 157
37
29.75

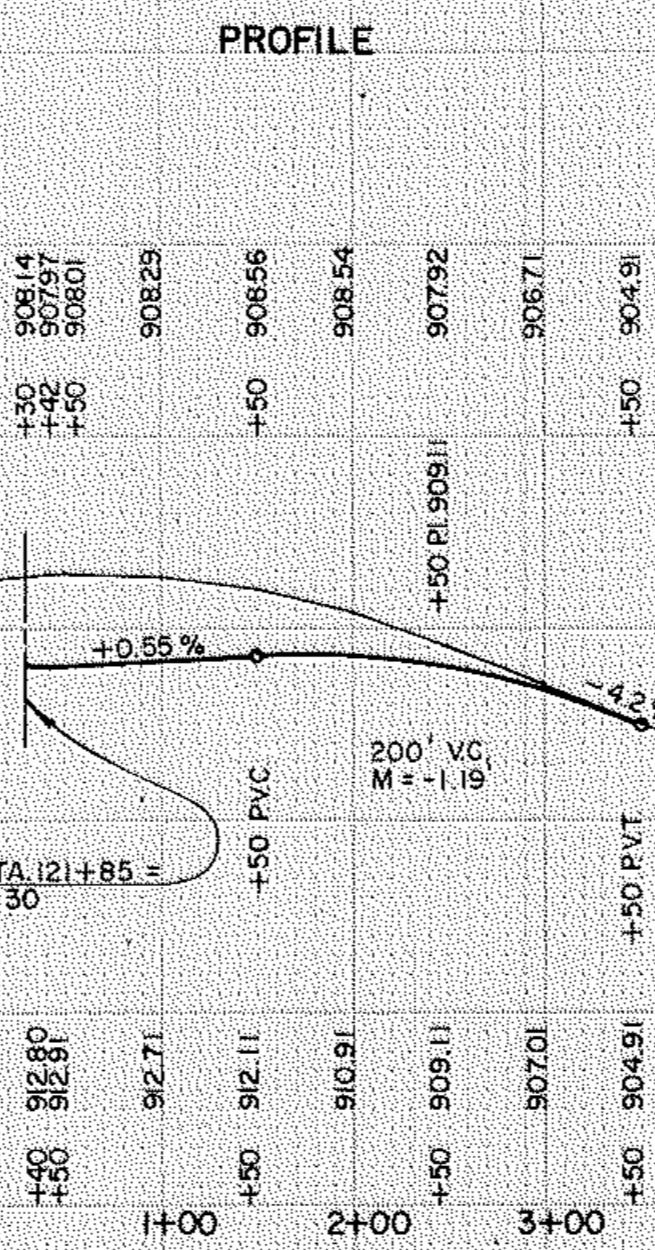
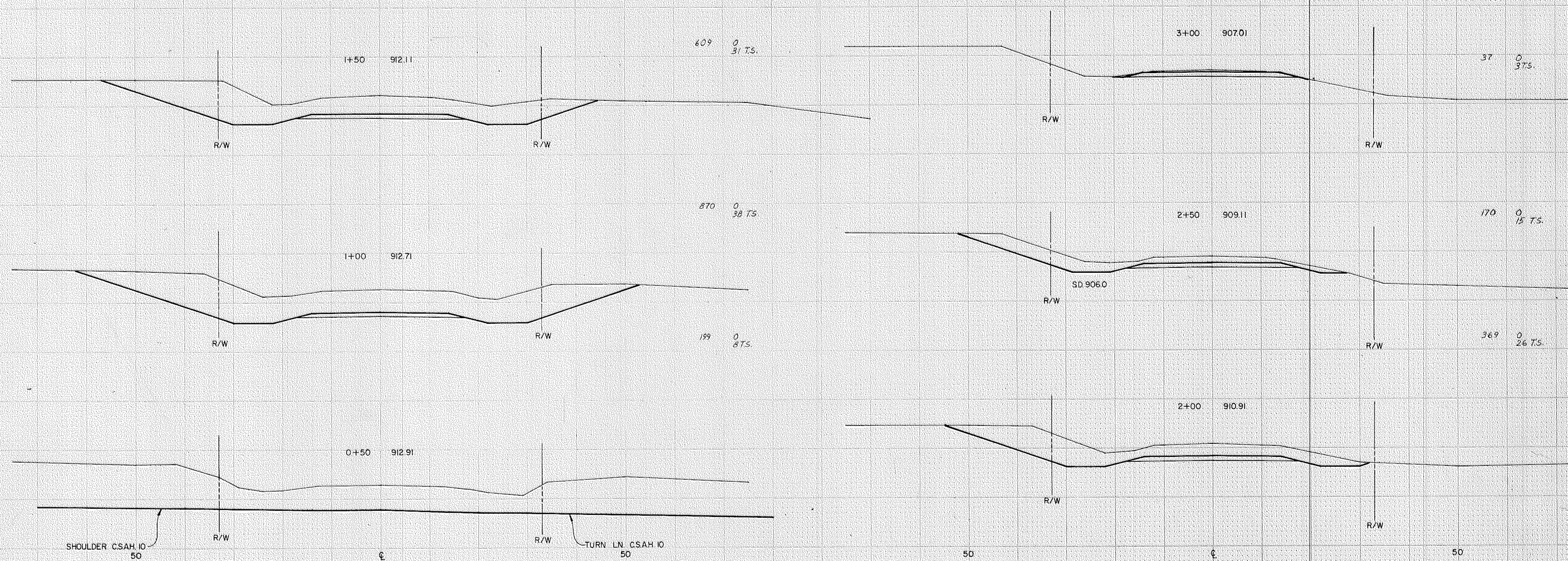
STA. 181+00 - STA. 187+52

EXCAVATION EMBANKMENT

Sub-TOTAL Cu Yds. Cu Yds. Sub-TOTAL

EXCAVATION EMBANKMENT

Sub-TOTAL Cu Yds. Cu Yds. Sub-TOTAL



TOTAL FOR ROAD APPROACH
 COMMON EXC. 2254 CY REG EMB. 0
 SALVAGED BIT MIXTURE -72 CY
 COMMON EXC. PAY QUANT. 2182 CY TOPSOIL FILL 121 CY

NOTE: ALL QUANT. INCLUDED IN BALANCE 103+00 TO 131+00

STA. 0+50 - STA. 3+00