

EETS

CROSS SECTIONS
 NO. 3A MISCELLANEOUS QUANTITIES
 NO. 4-6 RIGHT OF WAY QUANTITIES
 NO. 7 PLAN AND WAY PLAT
 NO. 15-17 STANDARD PROFILE STA. 6+54.7 TO STA. 231+00
 NO. 28 DRAINAGE DETAILS
 NO. 36 CROSS SECTION STRUCTURES
 ON

61
 OUTAGAMIE

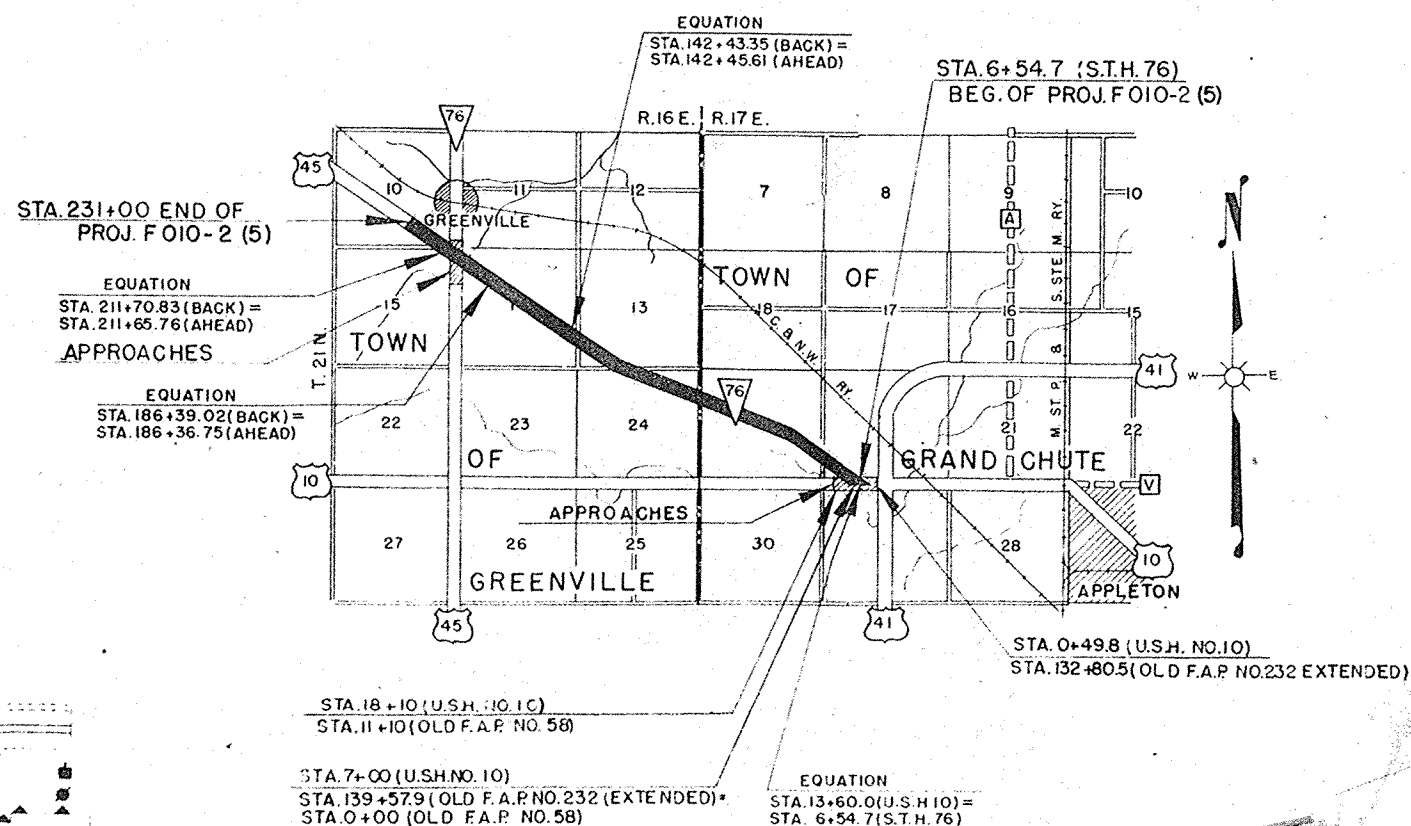
STATE OF WISCONSIN STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED APPLETON — GREENVILLE ROAD

OUTAGAMIE COUNTY
 PROJ. F 010-2 (5)

BEGINNING AT A POINT 1337.4 FT. WEST OF THE SOUTH
 1/4 CORNER OF SECTION 20, T. 21 N. R. 17 E., THENCE NORTHWESTERLY
 TO A POINT 972 FT. NORTH AND 578 FEET EAST OF THE SOUTH 1/4
 CORNER OF SECTION 10, T. 21 N. R. 16 E.

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.



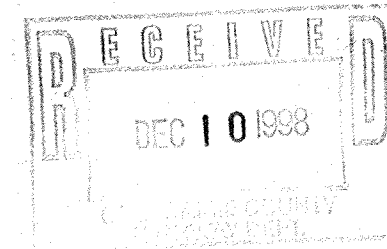
CONVENTIONAL SIGNS

LINE	CULVERTS IN PLACE
PROPERTY LINE	CULVERTS REQUIRED
SHIP OR RANGE LINE	DROP INLET
ON LINE	POWER POLE
RIGHT OF WAY LINE	TELEPHONE OR TELEGRAPH POLE
INT. RIGHT OF WAY LINE	RIGHT OF WAY MARKERS
FENCE WOVEN	REFERENCE STAKE FOR HUBS ONLY
FENCE BARBED	MARCH
LINE	HEDGE
RATE OR CITY LIMITS	TAKES
RT. LINE	GROUND ELEVATION
LED WAY OR P.E.	GRADE ELEVATION
ROADS	
OR SURVEY	

LAYOUT

SCALE
 0 1/4 1/2
 NET LENGTH OF CENTERLINE

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
44.1	10.2	11.5	WIS 5N	1	88

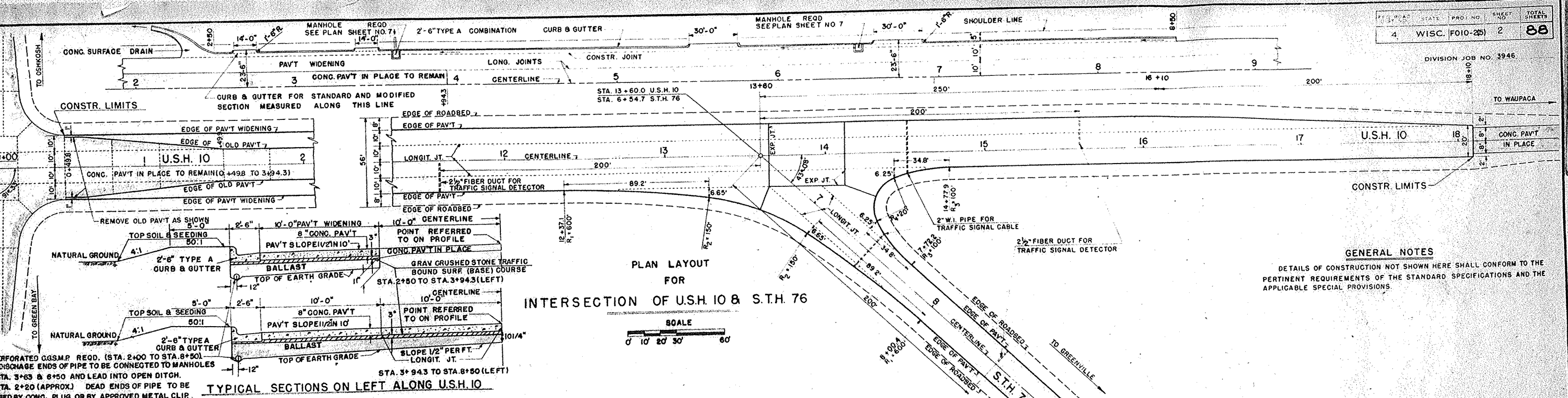


STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		FEDERAL WORKS AGENCY PUBLIC ROADS ADMINISTRATION	
SURVEYOR C.C.E.	NOTE BOOK 8930-31-32	RECOMMENDED FOR APPROVAL DATE	
DIVISION COMPUTER H.C.A.	M.O. CHECKER		
DIVISION CHECKER L.W.B.	CORRECT		
DATE 3/2/98		DISTRICT ENGINEER	
L. J. Culbertson		PUBLIC ROADS ADMINISTRATION	
DIVISION ENGINEER		FEDERAL WORKS AGENCY	
		APPROVED	

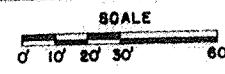
GV-1

GV-1

DIVISION JOB NO. 3946

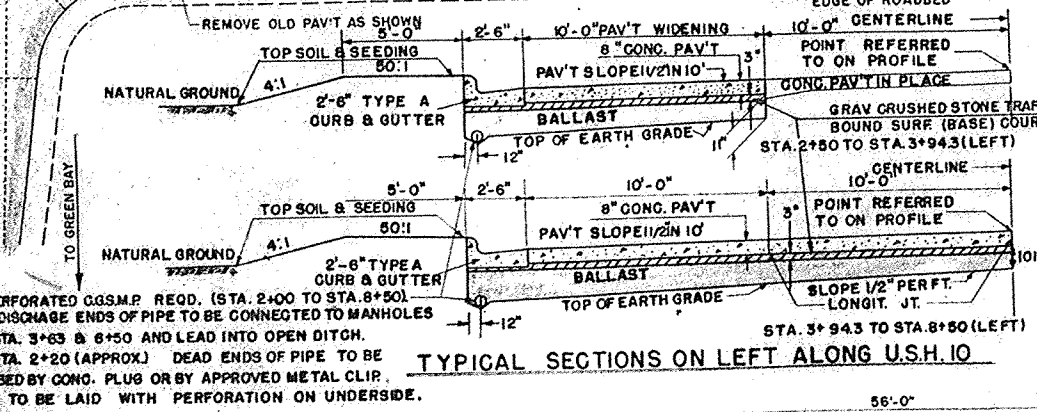


PLAN LAYOUT
FOR
INTERSECTION OF U.S.H. 10 & S.T.H. 76

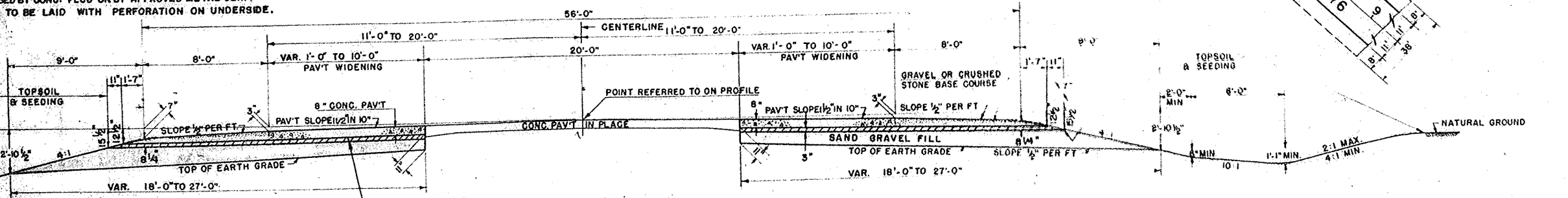


GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN HERE SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

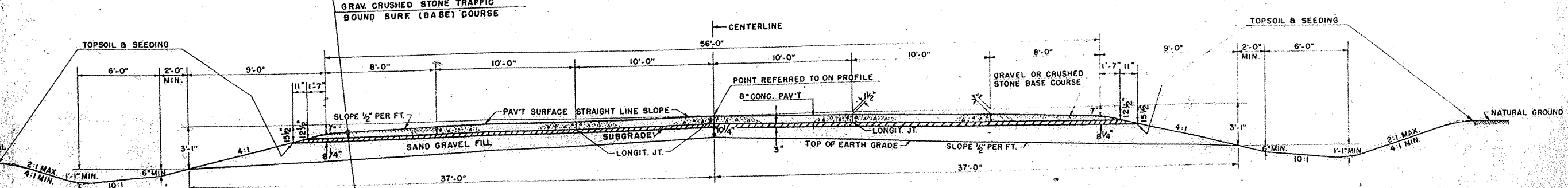


TYPICAL SECTIONS ON LEFT ALONG U.S.H. 10



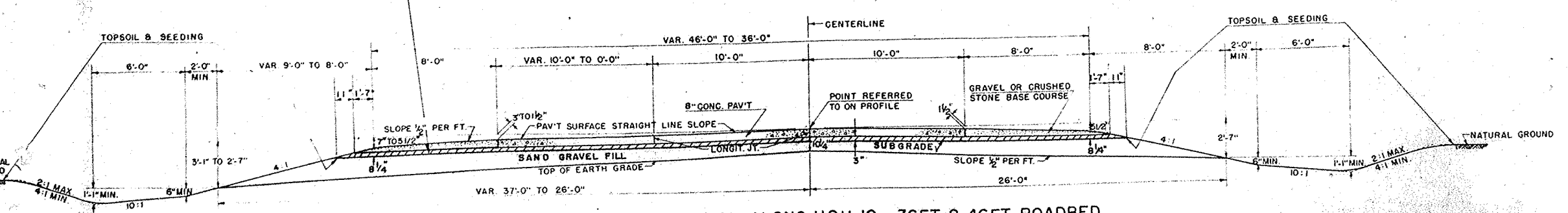
TYPICAL SECTION ALONG U.S.H. 10 - 56 FT. ROADBED

STA. 0+49.8 TO STA. 2+50 (L.T. & RT.)
STA. 2+50 TO STA. 3+94.3 (RT.)



TYPICAL SECTION ALONG U.S.H. 10 - 56 FT. ROADBED

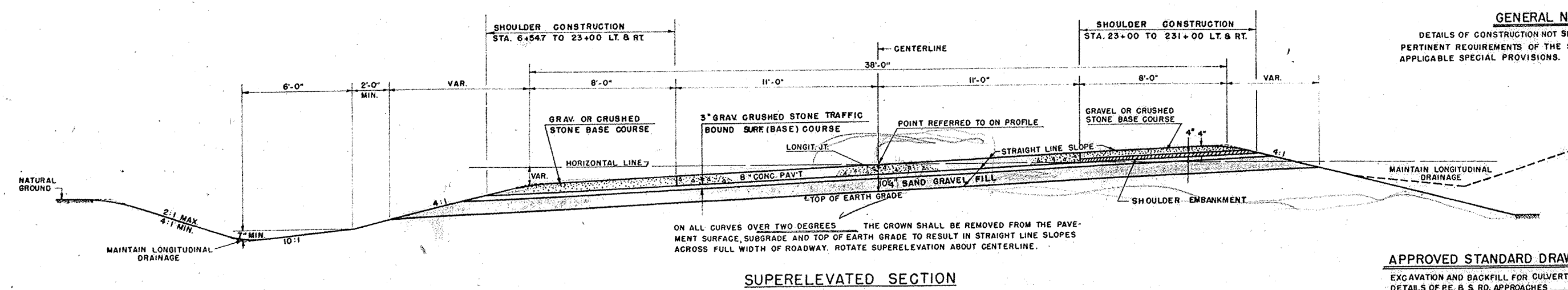
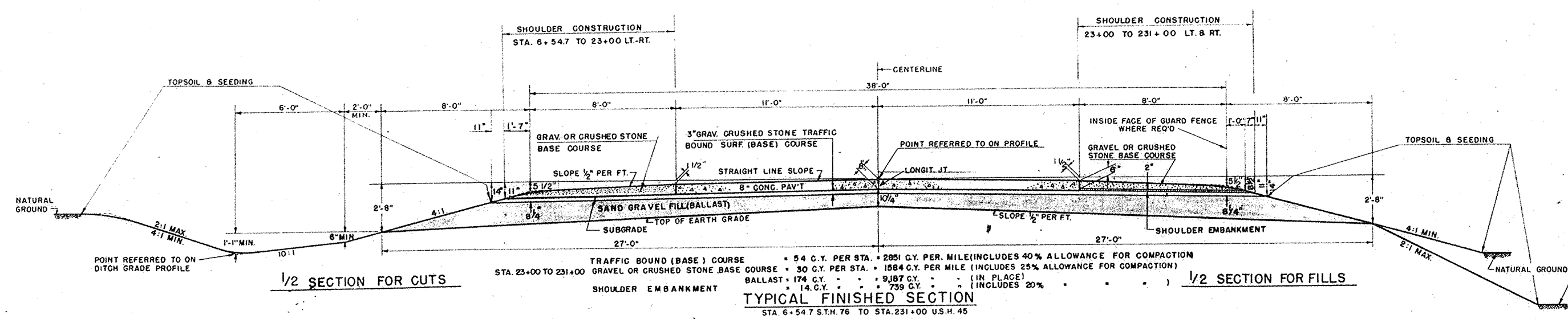
STA. 3+94.3 TO STA. 8+50 (RT.)
STA. 8+50 TO STA. 13+60 (L.T. & RT.)



TYPICAL SECTION ALONG U.S.H. 10 - 36 FT. & 46 FT. ROADBED

STA. 13+60 TO STA. 18+10

TYPICAL CROSS SECTIONS
FOR
30' & 40' CONC. PAV'T - 46' & 56' ROADBED
AND PLAN LAYOUT
FOR
INTERSECTION OF U.S.H. 10 & S.T.H. 76
SCALE
VARIABLE

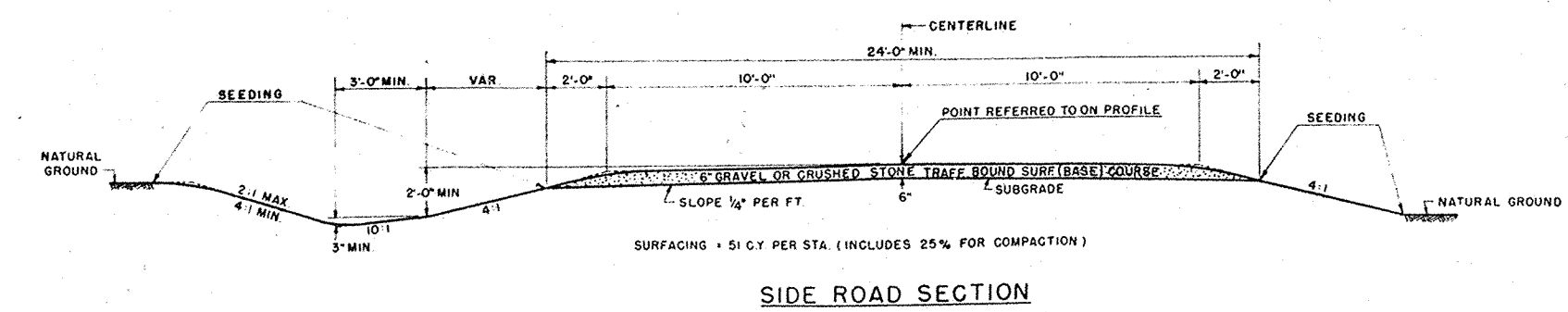


GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN HERE SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

APPROVED STANDARD DRAWINGS ARE AS FOLLOWS:

EXCAVATION AND BACKFILL FOR CULVERTS & ABUTMENTS	1-2.1.1
DETAILS OF P.E. & S. RD. APPROACHES	1-3.1.1
OBLITERATING OLD ROAD	1-4.1.1
MANHOLES	5-3.1.1
TREE PRESERVATION DETAILS	6-1.1.1
CULVERT END WALLS (W.R.M.) TYPE "A"	6-3.1.1
MARKER POSTS FOR SHOULDER DELIN. & CULVERTS	7-1.1.1
MARKER POSTS FOR RIGHT OF WAY	7-1.2.1
CONSTRUCTION BARRICADE	7-4.1.1
SOD BACKSLOPE FLUMES	8-2.1.1
CONC. CURB & GUTTER	3-1.1.2
CONC. SURFACE DRAIN	3-2.1.1
JOINT DETAILS PCC PAV'T	4-4.1.2



**TYPICAL CROSS SECTIONS
FOR
22 FT. CONC. PAV'T - 38 FT. ROADBED
AND
SIDE ROADS
SCALE
VARIABLE**

SCHEDULE OF LANDS AND INTERESTS REQUIRED

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

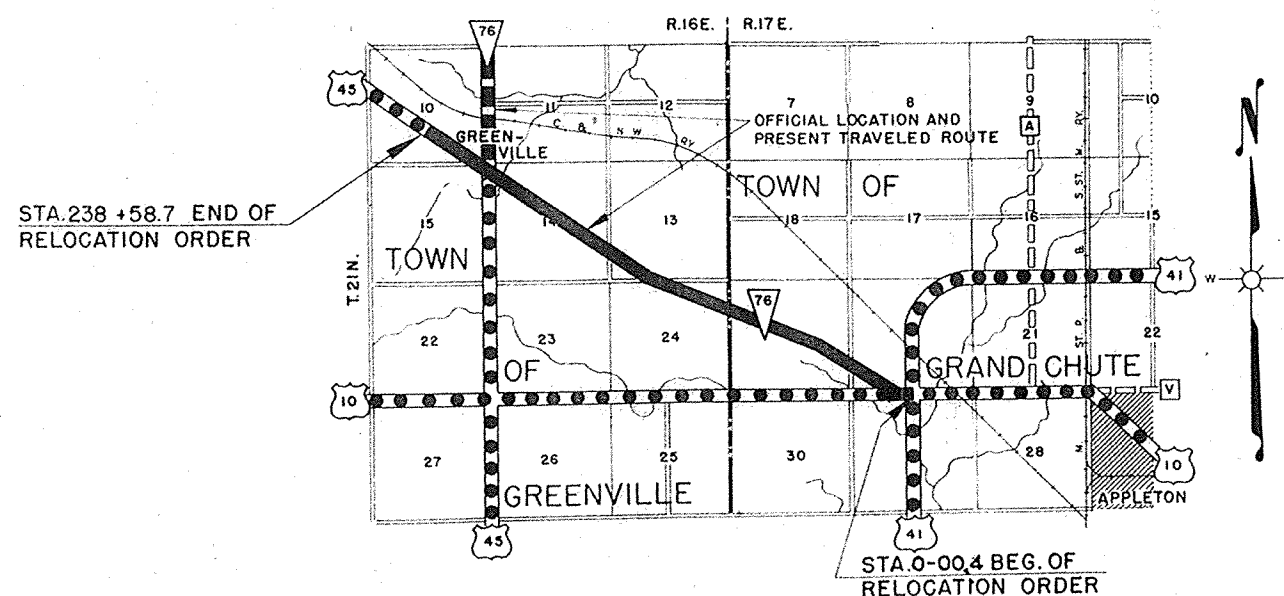
NO.	OWNER	ACRES REQ'D.	RODS OF FENCING TO MOVE	TO BUILD	INTEREST REQUIRED
1	E. HALVERSON	0.08	11		
2	E. SCHROEDER	0.59	16		
3	A. STRANEN	0.01			
4	J. IMBERY	0.07	14		
5	TWN.OF GR. CH. -SCH. DIST.NO.2	0.14			
6	C. DISCHER	1.00			FEE SIMPLE
7	L. WASSERBACH	4.40	75	112	
8	HEIRS OF F.MUELLER & WIFE	2.61	126		
9	G. SCHROEDER	3.42	92		
10	J. BLOOMER	0.57	12	13	
11	R. COENEN	4.85	195		FEE SIMPLE
12	C. SCHLIMM	1.11	18	27	FEE SIMPLE
13	HEIRS OF H. SCHLIMM	2.90	168		
14	L. SCHROEDER	1.38	87		
15	H. BOSIN	3.57	93		
16	J. SCHULTZE	0.53	30		
17	W. SCHULTZE	2.23	193		
18	E. PETERS	1.80	70		
19	H. HASSINGER	0.65	22	8	
20	A. PETERS	2.47	112		
21	M. DE CLERQ	2.14	54		
22	E. SCHMIT	0.54	11		
22A	E. SCHMIT	1.92			FEE SIMPLE
23	L. BECKMAN	0.50	7		
24	E. J. SCHROEDER	0.05			FEE SIMPLE
25	O. SCHULTZ	0.11	8		
26	L. BECKMAN	0.04	2		
27	E. SCHROEDER	0.38		12	
28	F.W. SCHROEDER	0.17			FEE SIMPLE
29	E. SCHROEDER	0.57			FEE SIMPLE
30	G. CHOUDER	0.51			FEE SIMPLE
31	H. ZSCHAECHNER	3.06	48	21	
32	R. HAASE	0.77			
33	L. BLEICK	0.08	14		
32A	M. SCHMIT	1.76			
12A	C. SCHLIMM	0.01	-	-	RESTRICTED DEV. RIGHTS
3A	A. STRANEN	0.09			RESTRICTED DEV. RIGHTS

FEB. 26, 1948
DEC. 1, 1947
JULY 8, 1947
NOV. 30, 1946
DATED JUNE 24, 1946

PLAT OF RIGHT OF WAY REQUIRED
DIVISION JOB NO. 3946
APPLETON - GREENVILLE ROAD
U.S.H.NO. 10
S.T.H.NO. 76 OUTAGAMIE COUNTY
U.S.H.NO. 45
SCALE

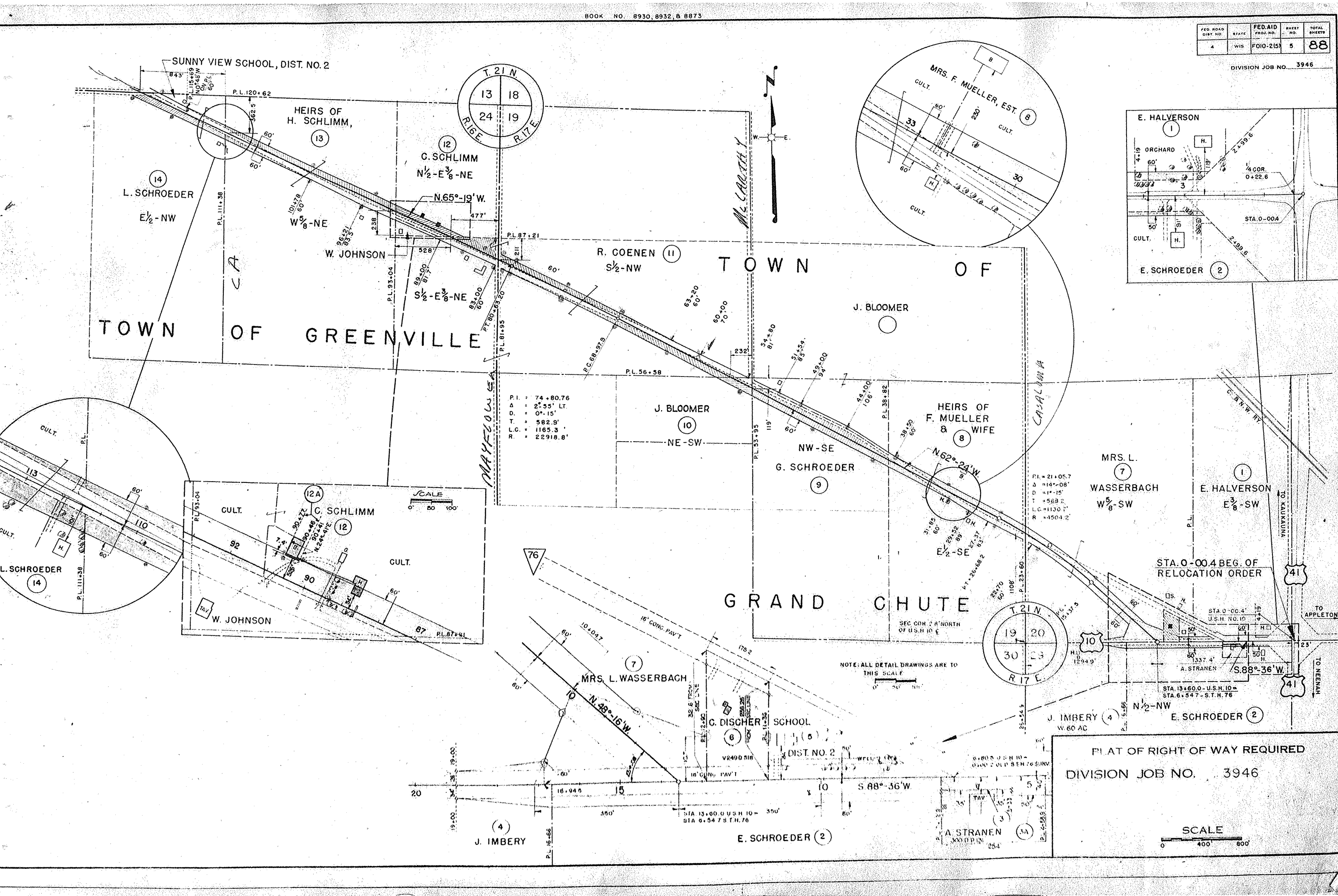
PROJECT LOCATION SKETCH

SCALE IN MILES
0 1/2 1 2



NOTE
EXCEPT WHEN OTHERWISE NOTED, ALL BEARINGS ON THIS PLAT ARE TRUE BEARINGS COMPUTED FROM POLARIS OBSERVATIONS.

PLAT OF RIGHT OF WAY REQUIRED
DIVISION JOB NO. 3946



BENCH MARKS			
STATION	DESCRIPTION	ELEV.	
2+59(U.S.10)	SPIKE IN TEL. POLE 38' LT.	94.73	
11+14()	TOP CONC. WATER TANK SW. COR. OF SCHOOL	84' RT. 105.02	
20+89	SPIKE IN TEL. POLE 37' LT.	103.66	

3+63 - LT.
 VE INLET & C.B. IN PLACE
 4'x4' M.H. REQ'D
 TH M.H. = 6.0' (APPROX.)
 2' CULV. PIPE REQ'D
 'S TO BE DETERMINED
 IELD.

STA. 2+69 - P.E. LT.
 REMOVE 18'x20' C.G.S.M.C.P.
 18'x22' CULV. PIPE REQ'D

2+69 P.E. RT.
 VE 18'x22' C.G.S.M.C.P.
 3' CULV. PIPE REQ'D

STA. 13+00 - P.E. LT. (U.S.10)
 18'x22' CULV. PIPE REQ'D

STA. 6+50 - APPROX. 19' LT.
 ST'D 4'x4' M.H. REQ'D
 DEPTH M.H. = 6.0' (APPROX.)
 EXACT LOCATION & ELEV'S
 TO BE DETERMINED IN FIELD

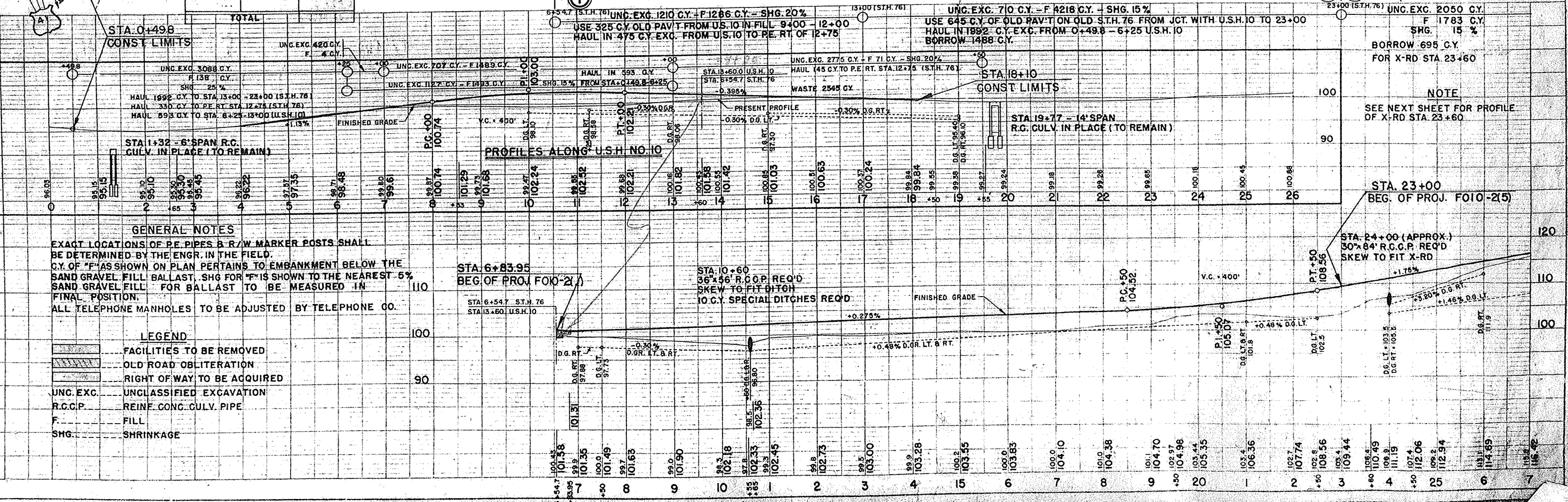
STA. 18+28 (U.S.10) P.E. LT.
 REMOVE 18'x30' C.G.S.M.C.P.
 18'x24' CULV. PIPE REQ'D

STA. 9+68 (U.S.10) 19' LT.
 CONC. M.H. IN PLACE (REMOVE)
 STD 4'x4' M.H. REQ'D
 DEPTH M.H. = 6.0' (APPROX.)
 EXACT ELEV. TO BE
 DETERMINED IN FIELD

NOTE
 SEE SHEET NO. 2 FOR DETAILS OF INTERSECTION
 U.S.10 & S.T.H. 76

P.I. = 21+05.7
 Δ = 14°-08'
 D = 1°-15'
 T = 568.2'
 L.C. = 1130.7
 S.E. = 0.03' / FT.

NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
6+54.7 (S.T.H. 76)	23+00	1645.3
23+00	25+00	200.0
TOTAL		



GENERAL NOTES
 EXACT LOCATIONS OF P.E. PIPES & R/W MARKER POSTS SHALL
 BE DETERMINED BY THE ENGR. IN THE FIELD.
 C.Y. OF "F" AS SHOWN ON PLAN PERTAINS TO EMBANKMENT BELOW THE
 SAND GRAVEL FILL BALLAST. SHG FOR "F" IS SHOWN TO THE NEAREST 5%
 SAND GRAVEL FILL FOR BALLAST TO BE MEASURED IN
 FINAL POSITION.
 ALL TELEPHONE MANHOLES TO BE ADJUSTED BY TELEPHONE CO.

- LEGEND
- [Symbol] FACILITIES TO BE REMOVED
 - [Symbol] OLD ROAD OBLITERATION
 - [Symbol] RIGHT OF WAY TO BE ACQUIRED
 - UNC. EXC. UNCLASSIFIED EXCAVATION
 - R.C.C.P. REINFC. CONC. CULV. PIPE
 - F. FILL
 - SHG. SHRINKAGE

NOTE
 SEE NEXT SHEET FOR PROFILE
 OF X-RD STA 23+60

STA. 23+00
 BEG. OF PROJ. FO10-2(5)

STA. 24+00 (APPROX.)
 30'x84' R.C.C.P. REQ'D
 SKEW TO FIT X-RD

BENCH MARKS		
STATION	DESCRIPTION	ELEV.
31+70	SPIKE IN 10" BOX ELDER 139' LT.	119.98
41+72	SPIKE IN POWER POLE 40' RT.	123.07
51+75	SPIKE IN 10" BOX ELDER 98' RT.	143.30

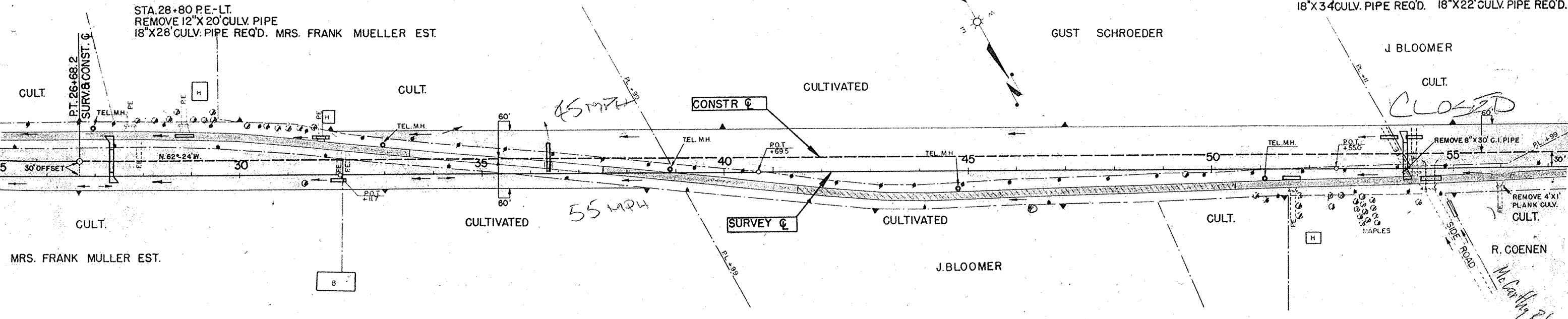
STA. 31+65 P.E.-LT.
REMOVE 2x2x20' WOOD CULV.
18"X22' CULV. PIPE REQ'D.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	F010-245	8	88

DIVISION JOB NO. 3946

STA. 53+65 P.E.-LT.
18"X34' CULV. PIPE REQ'D.

STA. 54+18 P.E.-LT.
18"X22' CULV. PIPE REQ'D.



LENGTH OF CENTERLINE		
FROM STATION	TO STATION	LIN. FT.
0	55+00	3000.0

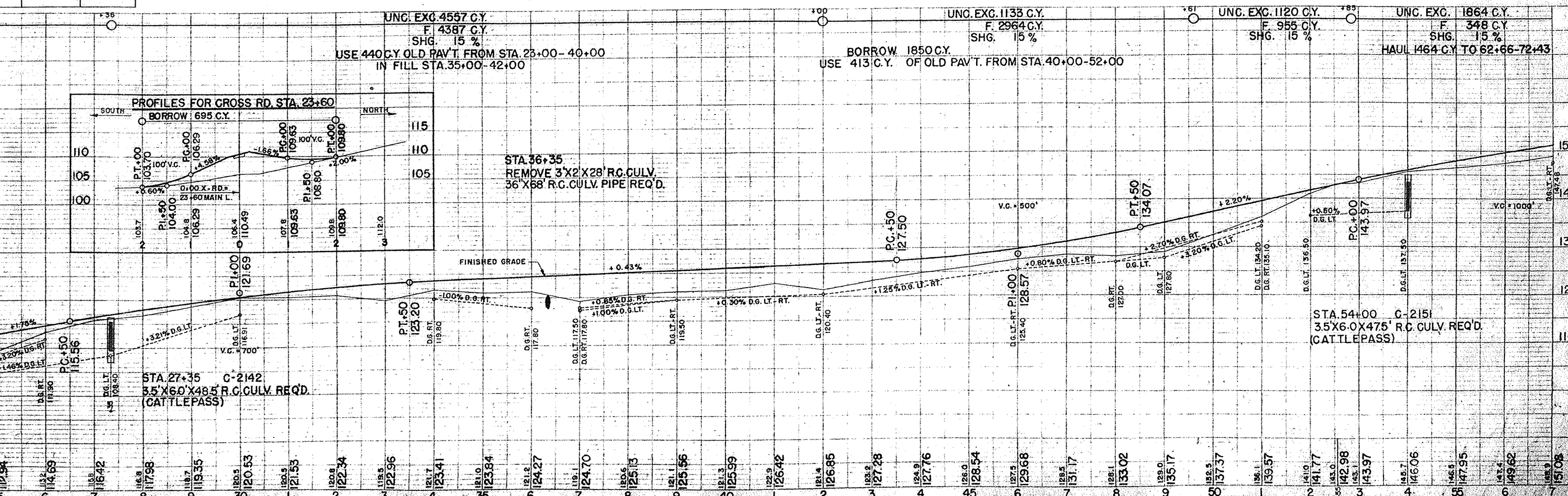
STA. 32+05 P.E.-RT.
18"X22' CULV. PIPE REQ'D.

STA. 51+63 P.E.-RT.
REMOVE 12"X18" C.G.S.M.C.P.
18"X22' CULV. PIPE REQ'D.

STA. 54+50 S.D. RD.-RT.
REMOVE 12"X30" C.I. PIPE
18"X38' CULV. PIPE REQ'D.

STA. 55+00 P.E.-RT. (ON S. RD.)

18"X22' CULV. PIPE REQ'D.



STA. 54+00 C-2151
35'X60'X475' R.C. CULV. REQ'D.
(CATTLEPASS)

STA. 27+35 C-2142
35'X60'X485' R.C. CULV. REQ'D.
(CATTLEPASS)

STA. 36+35
REMOVE 3'X2'X28' R.C. CULV.
36'X68' R.C. CULV. PIPE REQ'D.

BENCH MARKS			
STATION	DESCRIPTION		ELEV.
61 + 75	SPIKE IN TEL. POLE 280' LT.		152.44
71 + 85	SPIKE IN 12" ELM 125' LT.		151.32
84 + 00	SPIKE IN 24" ELM 125' RT.		169.69

Lester Prette

STA. 69 + 70 - P.E. LT.
REMOVE 8"X15' TILE
18"X30' CULV. PIPE REQ'D.

CONSTR. CURVE
PI = 74 + 80.8
 $\Delta = 2^\circ - 54' - 48''$ LT.
D = 0° - 15'
T = 582.9'
L.C. = 1165.3'
S.E. = NONE

SURVEY CURVE
PI = 74 + 73.9
 $\Delta = 3^\circ - 27'$
D = 0° - 15'
T = 690.4
L.C. = 1380.0

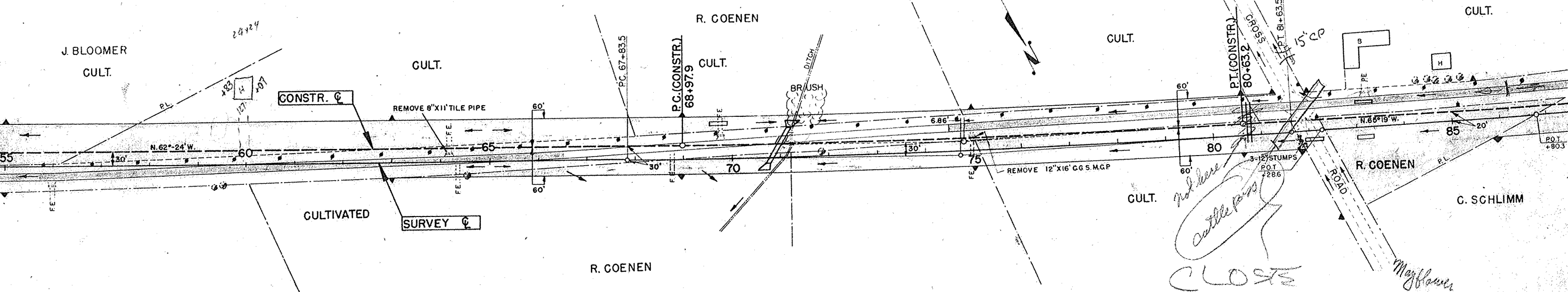
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	FOO-2(5)	9	88

STA. 83 + 18 P.E. - LT.
REMOVE 8"X18' C.I. PIPE
18"X22' CULV. PIPE REQ'D.

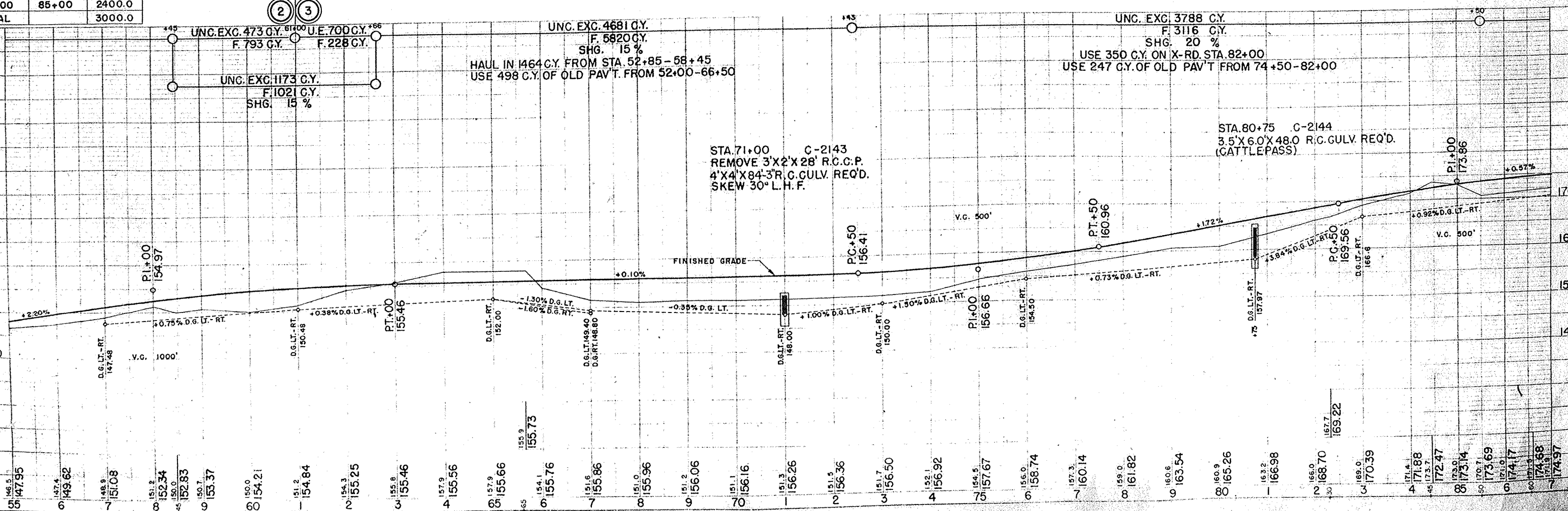
DIVISION JOB NO. 3946

R. COENEN

CULT.



LENGTH OF CENTERLINE	
ION TO STATION	LIN. FT.
00 61+00	600.0
00 85+00	2400.0
AL	3000.0



BENCH MARKS		
TATION	DESCRIPTION	ELEV.
4+00	SPIKE IN 24" ELM 125' RT.	169.69
5+42	SPIKE IN 24" MAPLE 94' LT.	179.26
0+95	SPIKE IN 12" ELM 97' LT.	194.37
8+45	SPIKE IN 12" BOX ELD. 101' RT.	196.81

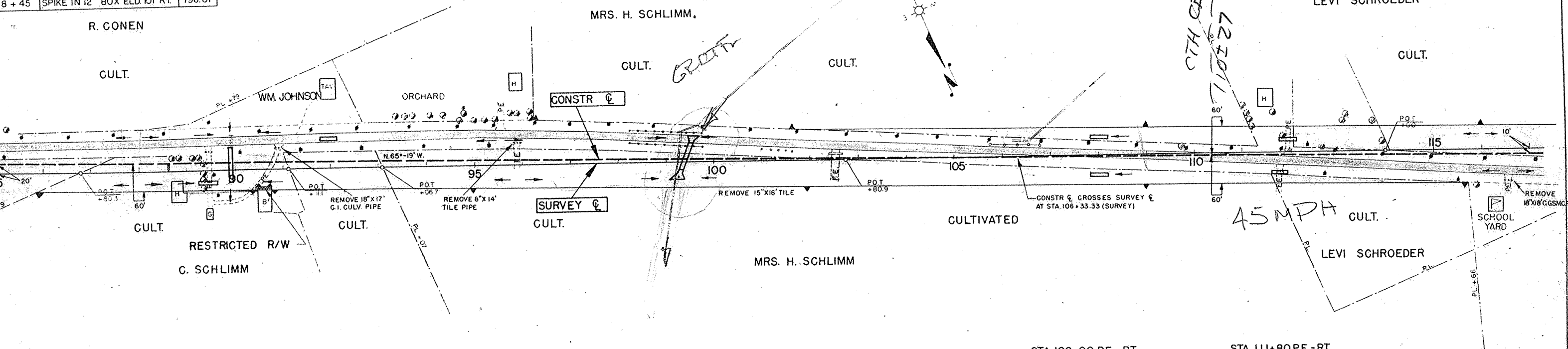
STA. 92+00 PE.-LT.
18"X26' CULV. PIPE REQ'D.

STA. 108+00 PE.-LT.
18"X22' CULV. PIPE REQ'D.

STA. 111+94 PE.-LT.
REMOVE 18"X23' C.I. CULV. PIPE
18"X24' CULV. PIPE REQ'D.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	FO10-25	10	88

DIVISION JOB NO. 3946

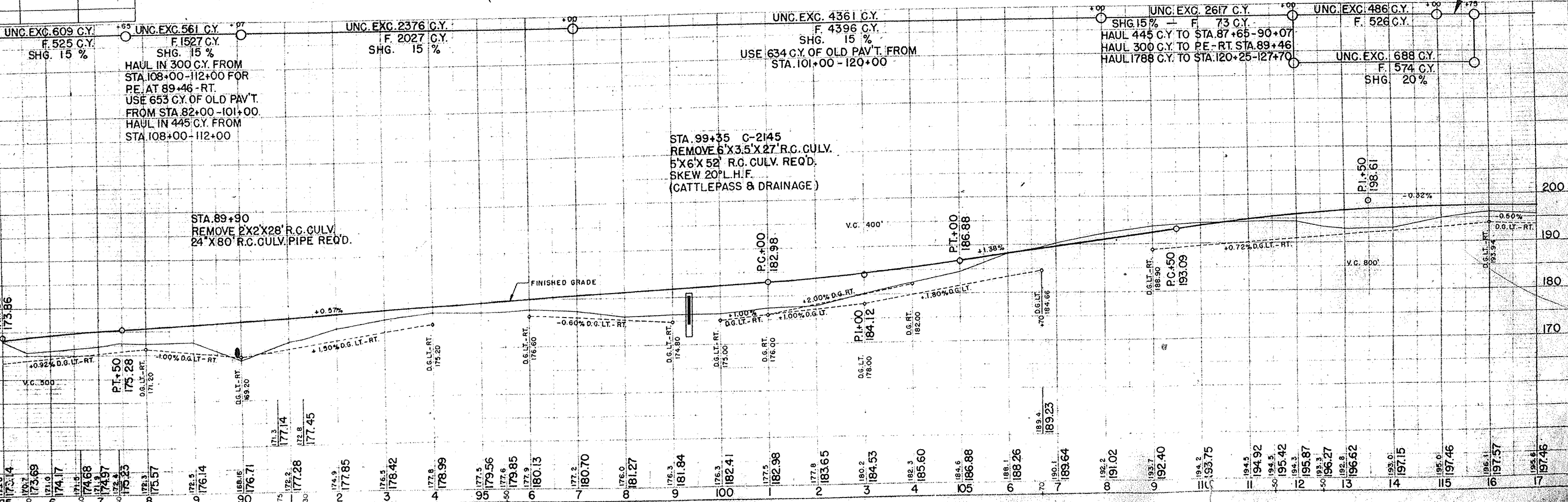


LENGTH OF CENTERLINE	
FROM STATION	LIN. FT.
0 TO 115+00	3000.0

STA. 89+46 PE.-RT.
REMOVE 18X16' C.I. CULV. PIPE
18"X26' CULV. PIPE REQ'D.

STA. 108+00 PE.-RT.
18"X22' CULV. PIPE REQ'D.

STA. 111+80 PE.-RT.
REMOVE 8"X13' C.I. CULV. PIPE
18"X24' CULV. PIPE REQ'D.

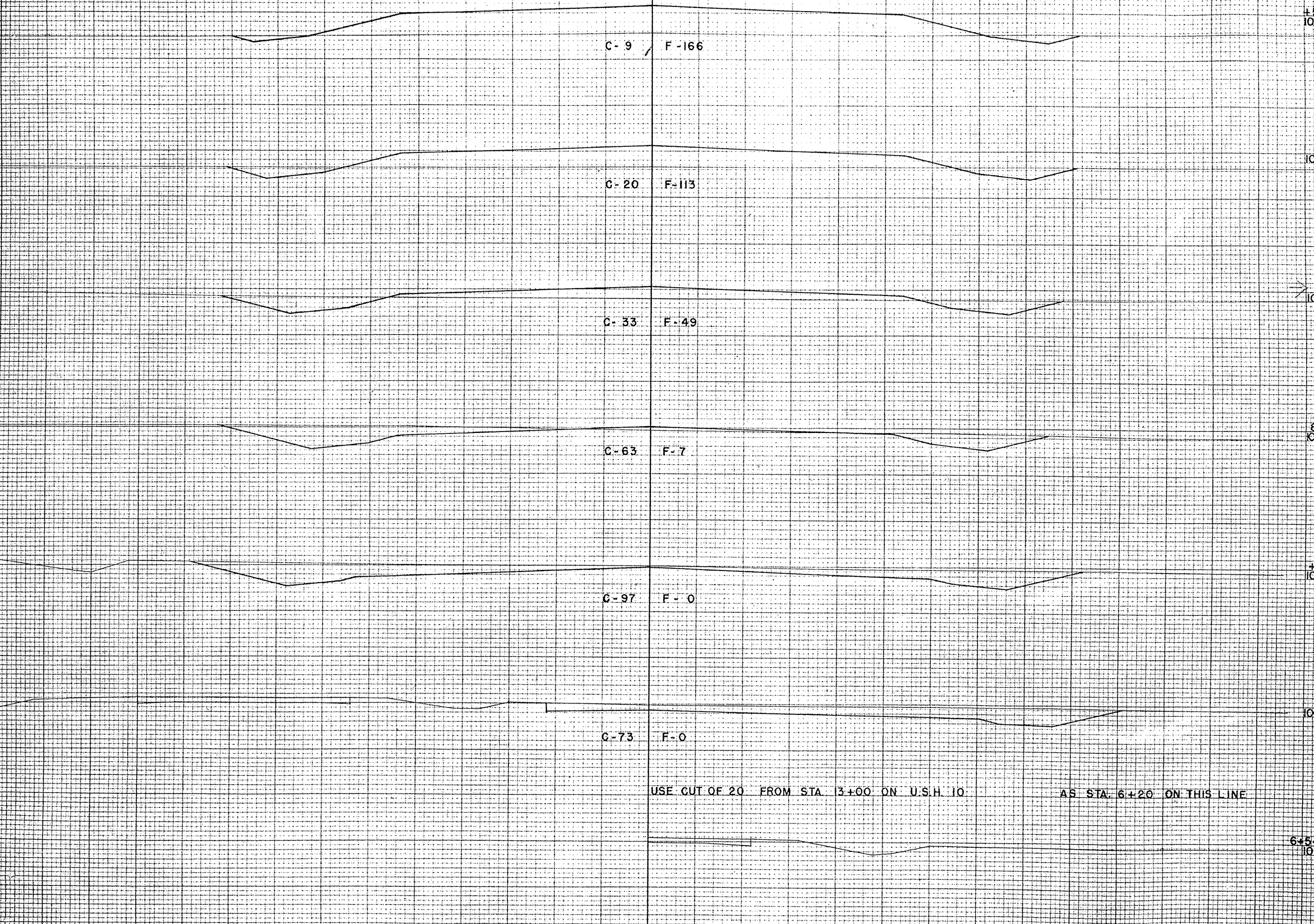


STA. 99+35 C-2145
REMOVE 6'X3.5'X27' R.C. CULV.
5'X6'X52' R.C. CULV. REQ'D.
SKEW 20° L.H.F.
(CATTLEPASS & DRAINAGE)

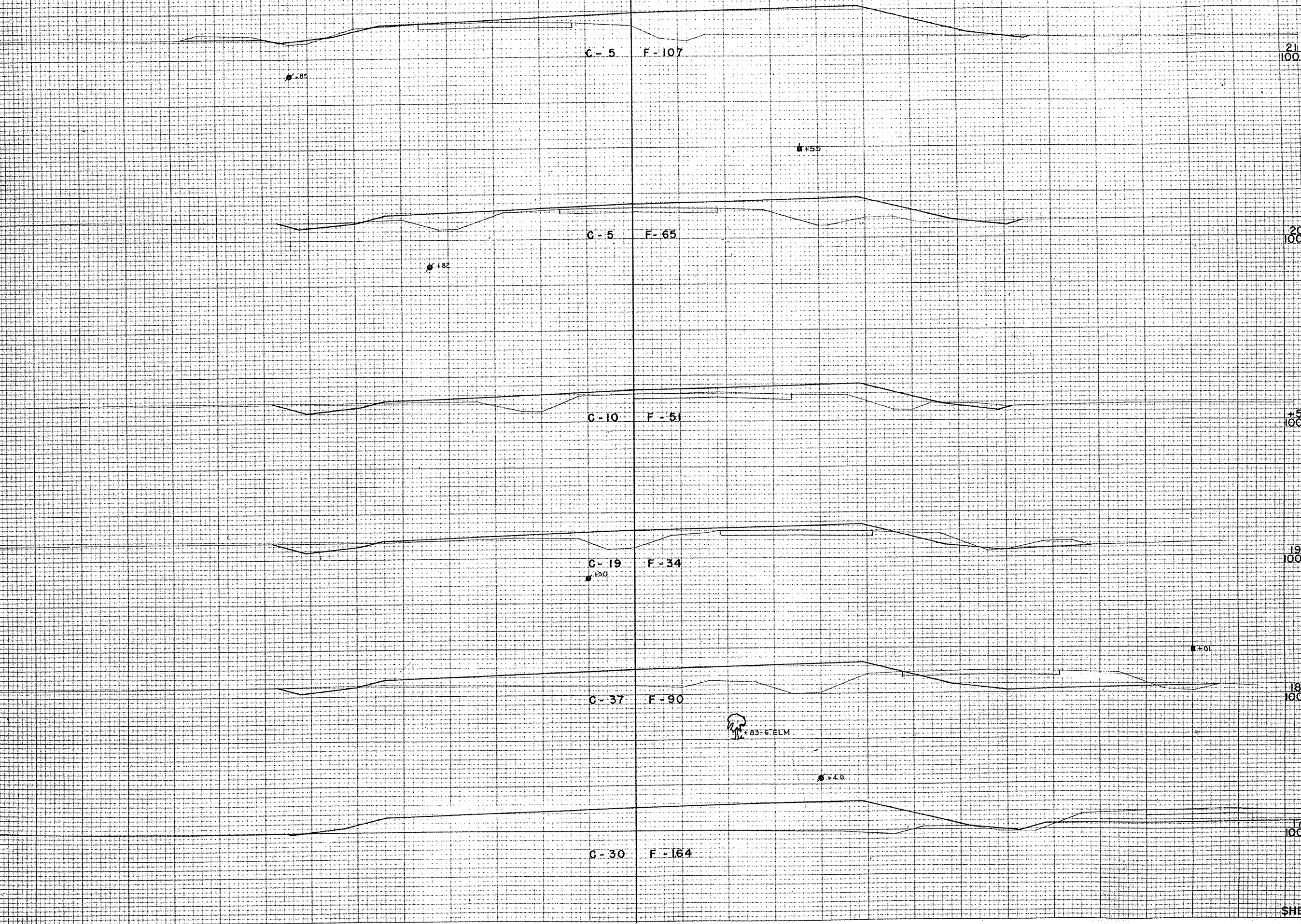
STA. 89+90
REMOVE 2'X2'X28' R.C. CULV.
24'X80' R.C. CULV. PIPE REQ'D.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	FOJD-2(5)	38	88

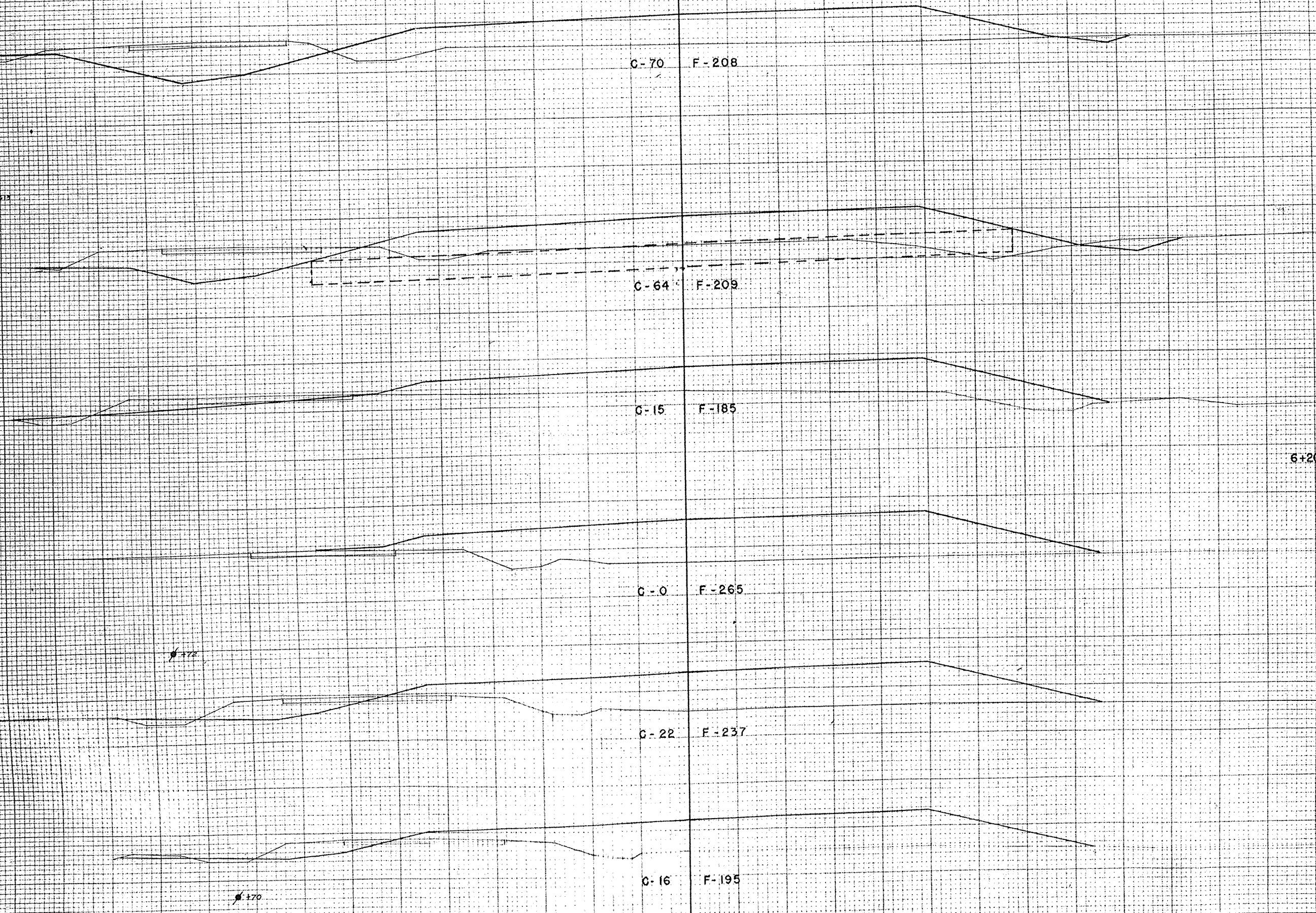
DIVISION JOB NO. 3946



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCLASS	
6	100.0		
7	20	137	0
8	50	157	0
9	100.0	148	6
10		178	104
11		98	300
12	100.0	30	283
13	55		
14	50		
15	100.0		
16	7		
17	100.0		
18	54.7		
SHEET TOTAL		748	693



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
21	1000		
16			
17		72	543
18		124	470
20	1000	104	230
19			
+50		26	80
20		15	107
21		19	319
+50	1000		
19	1000		
18	1000		
17	1000		
SHEET TOTAL		360	1749

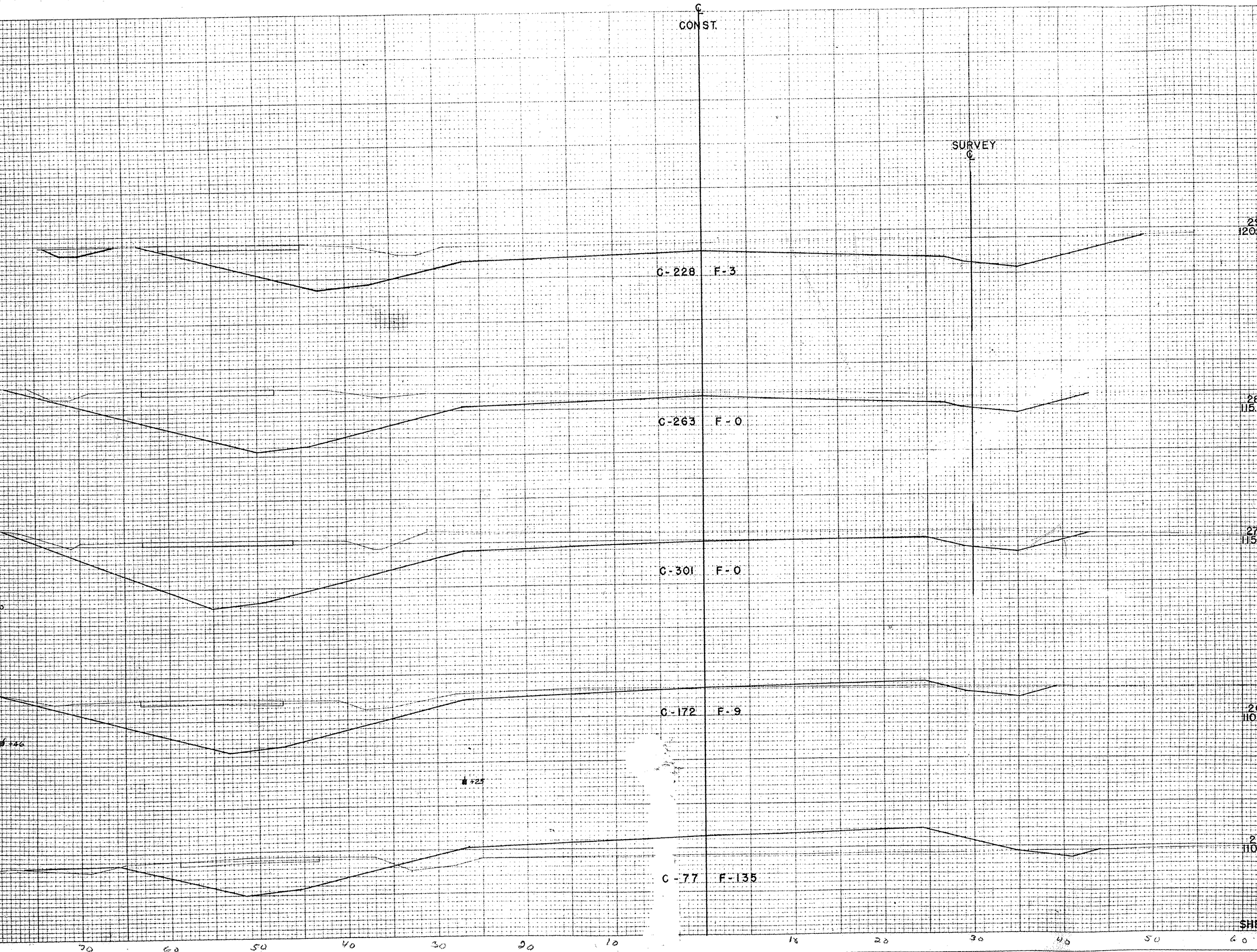


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNGLASS	
+50 105.0			
21			
		39	559
22			
		35	400
+50			
		20	465
23			
SUB-TOTAL - MILE 1		94	1424
24 105.0		17	500
+60			
		59	293
24			
		124	387
+50			
+60 105.0			
23+00		1920	5504
TOTAL - MILE 1		1920	5504
23 105.0			
		</	

CONST.

SURVEY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	FOIO-2(5)	42	88
DIVISION JOB NO. 3946				

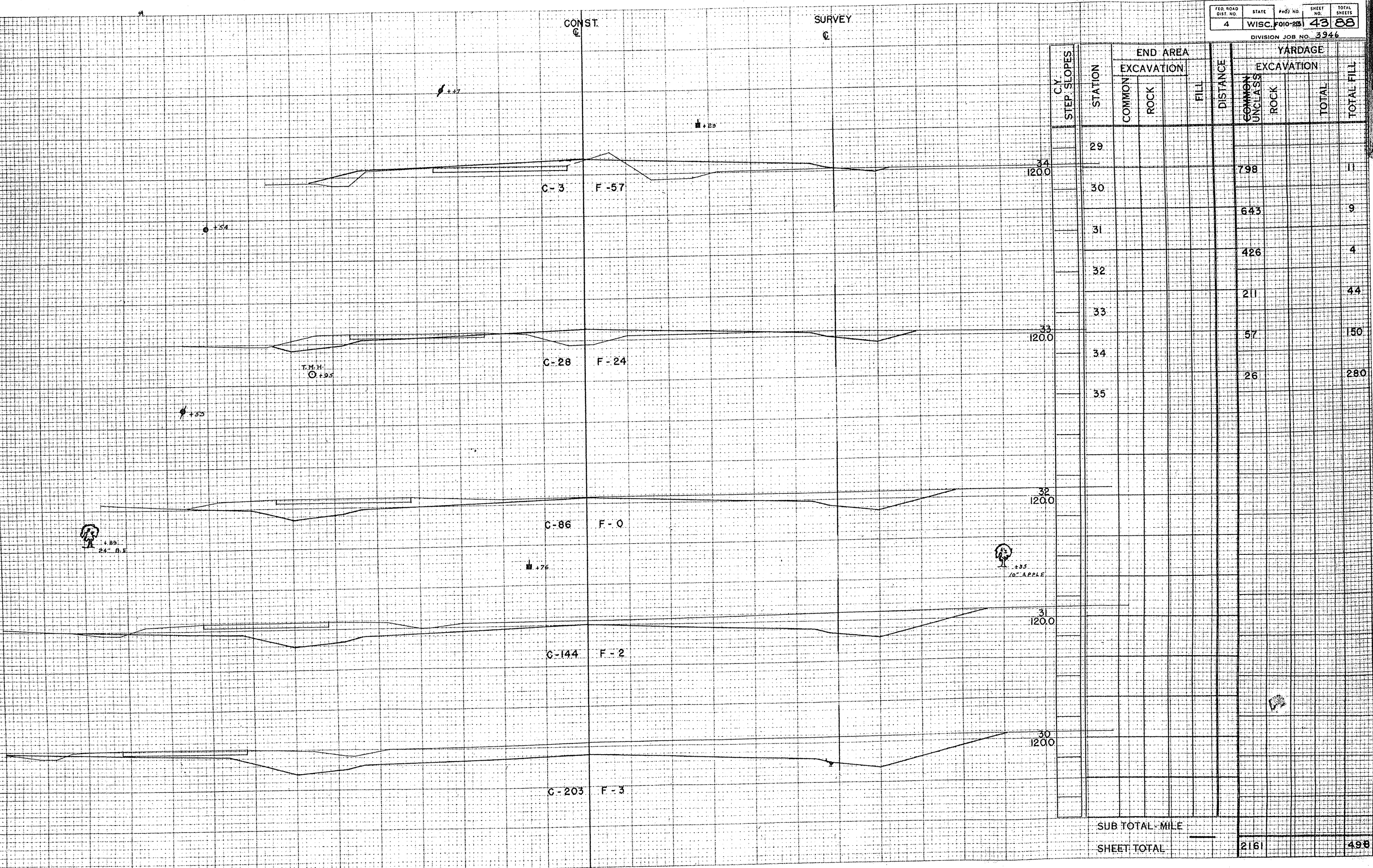


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
+50			
25		137	319
26	120.0	461	267
27		876	17
28		1044	0
29		909	6
28	115.0		
27	115.0		
26	110.0		
25	110.0		
SHEET TOTAL		3427	609

CONST.

SURVEY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	F010-23	43	88
DIVISION JOB NO. 3946				



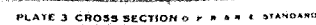
SURVEY

DIVISION JOB NO. 3946



SURVEY
C

DIVISION JOB NO. 3946



CONST.
Q

SURVEY
Q

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	FOIO-25	46	88

DIVISION JOB NO. 3946

C-18 F-168

C-16 F-254

C-26 F-179

C-54 F-44

C-54 F-18

C-41 F-32

50
135.0

49
130.0

48
130.0

47
130.0

46
130.0

45
125.0

+84
+46
6" ELM

+83

+85

+86

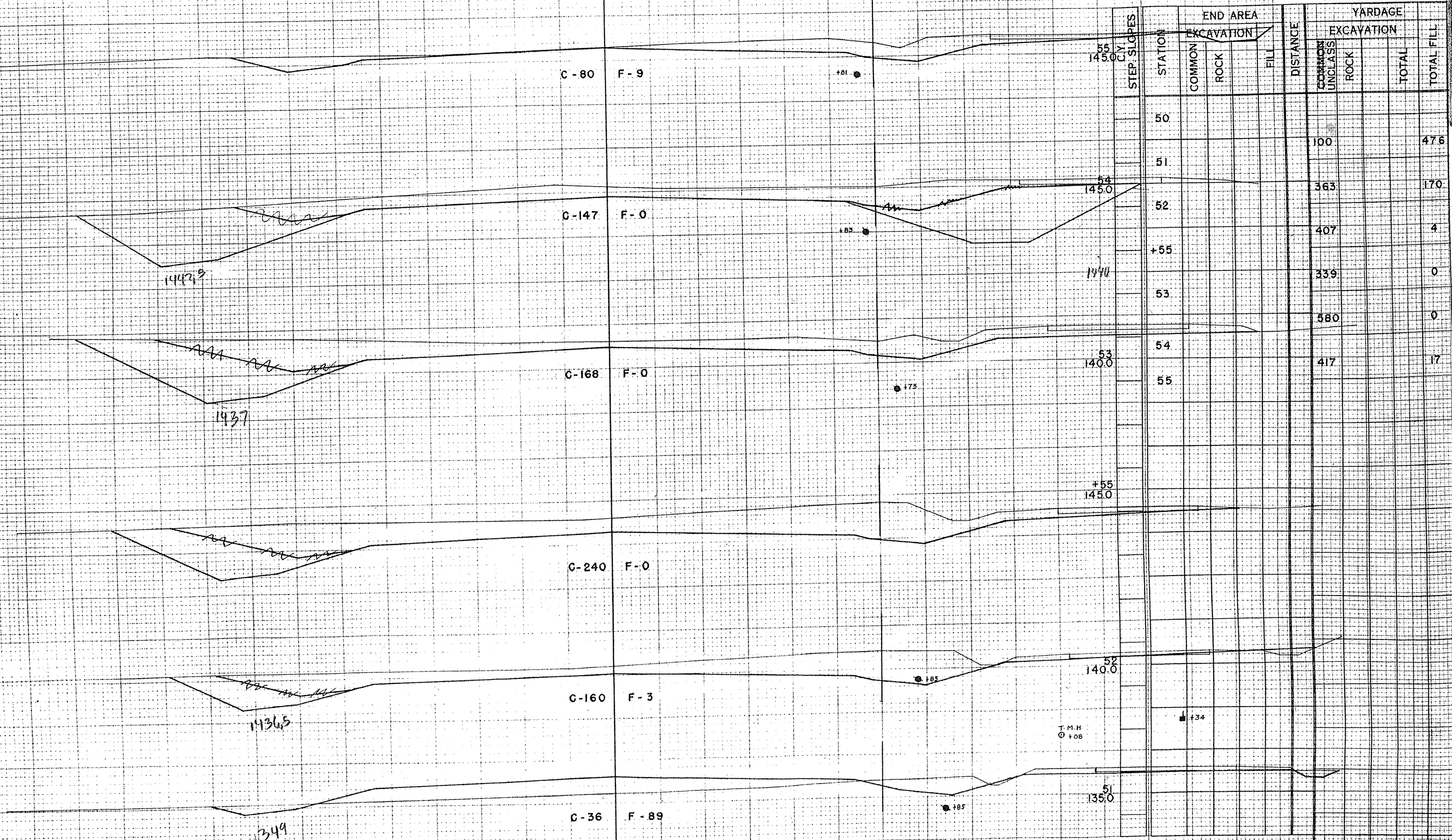
+84

+82

STEP SLOPES
C.Y.

STATION	END AREA			DISTANCE	YARDAGE			
	COMMON	ROCK	FILL		COMMON UNCLASS	ROCK	TOTAL	TOTAL FILL
44					194			141
45					176			93
46					200			115
47					148			413
48					78			802
49					63			781
50								
SUB TOTAL - MILE								
SHEET TOTAL					859			2345

CONST. SURVEY

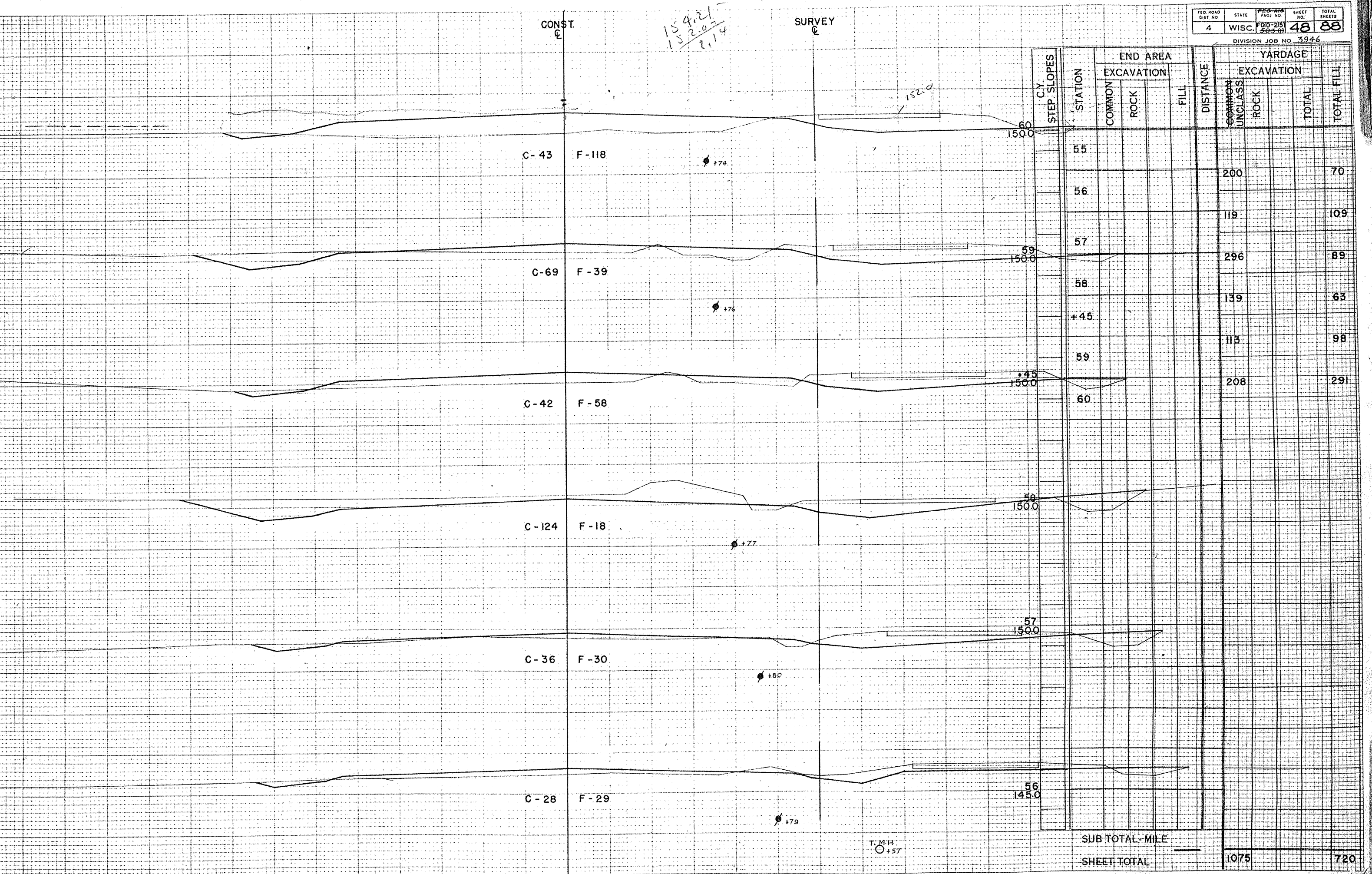


SUB TOTAL - MILE				
SHEET TOTAL		2206		667

SURVEY
②

$$\begin{array}{r} 154.21 \\ - 152.07 \\ \hline 2.14 \end{array}$$

DIVISION JOB NO. 3946

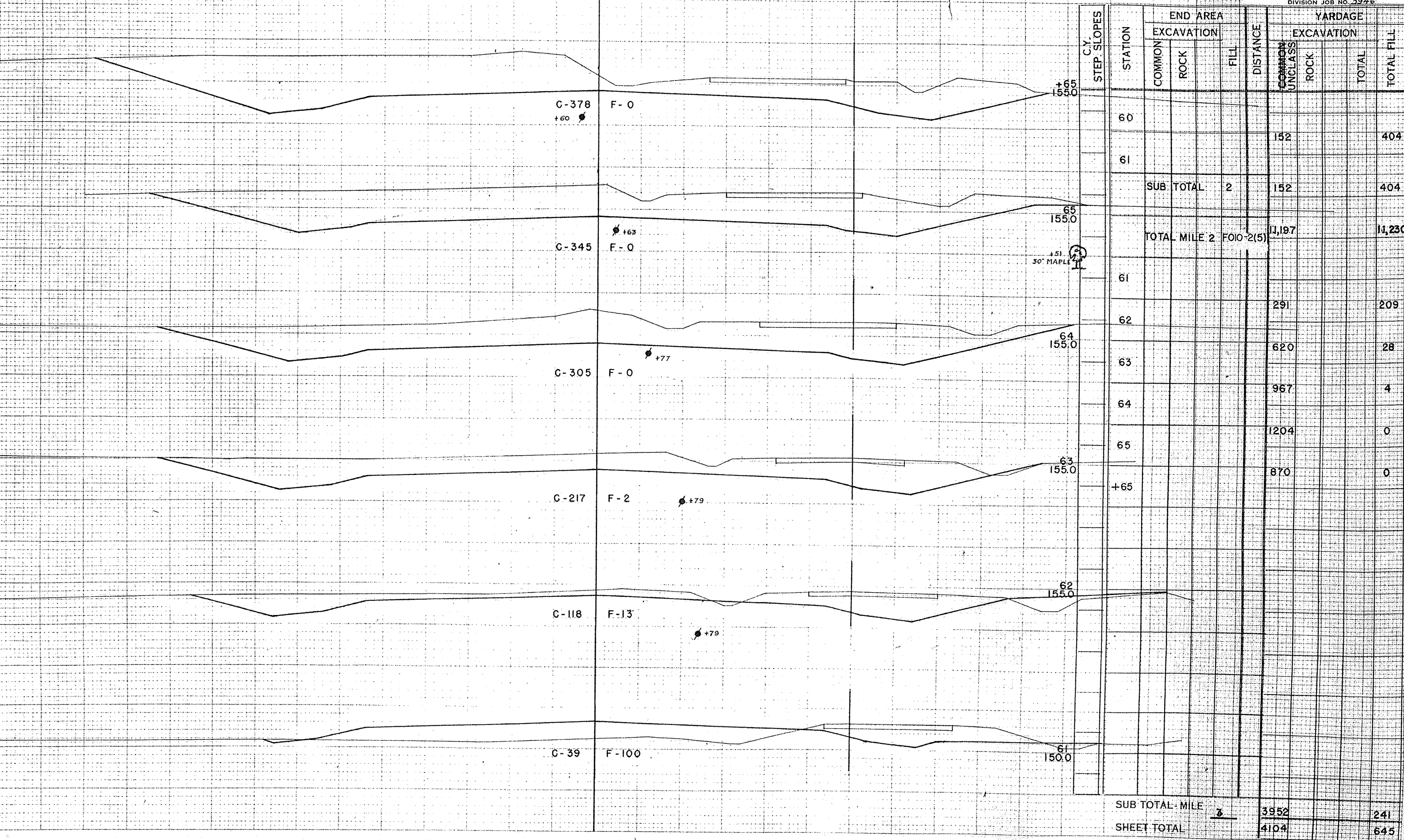


CONST.
C

SURVEY
E

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	5-2261	49	88

DIVISION JOB NO. 3946



SURVEY

C-22	F-303
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● + 70

C - 65 F - 228

• 60

C - 7	F - 275
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• + 6.5

C - 0	F - 203
-------	---------

458

C-291	F - 3
-------	-------

70
150.0

69
1500

68
150.0

67
150.0

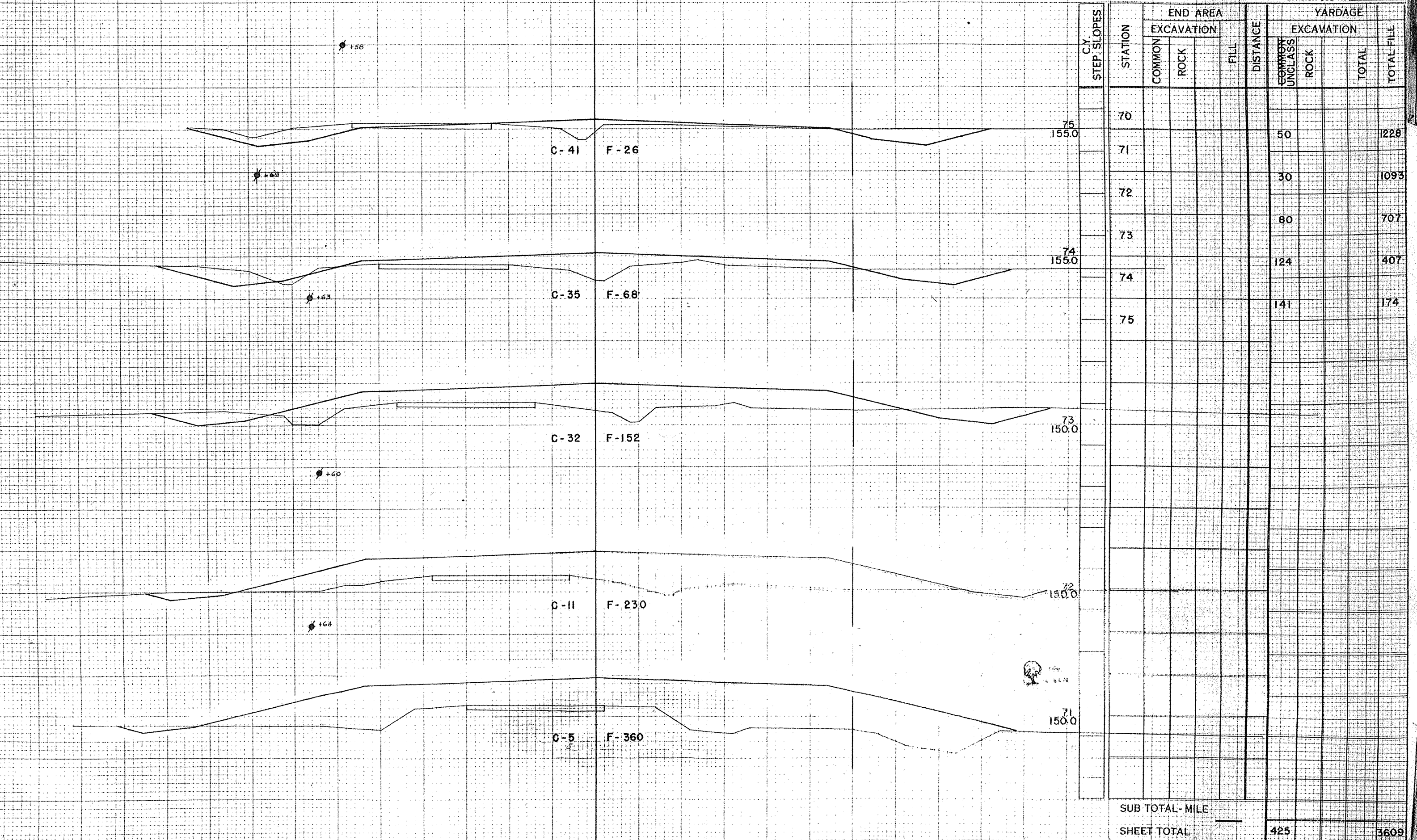
66
155.0

PLATE 3. CROSS SECTION OF R.R.R.E. STANDARD

CONST.

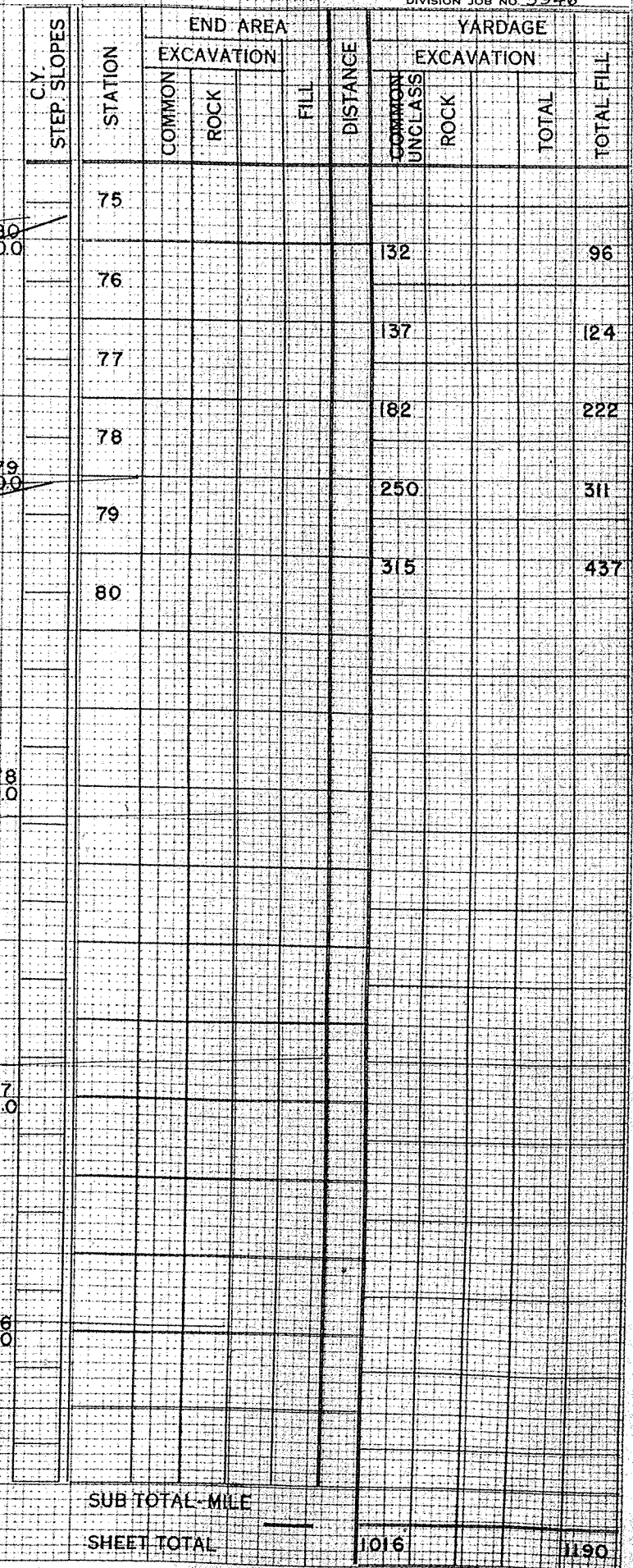
SURVEY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	50-101	51	88
DIVISION JOB NO. 3946				



SURVEY

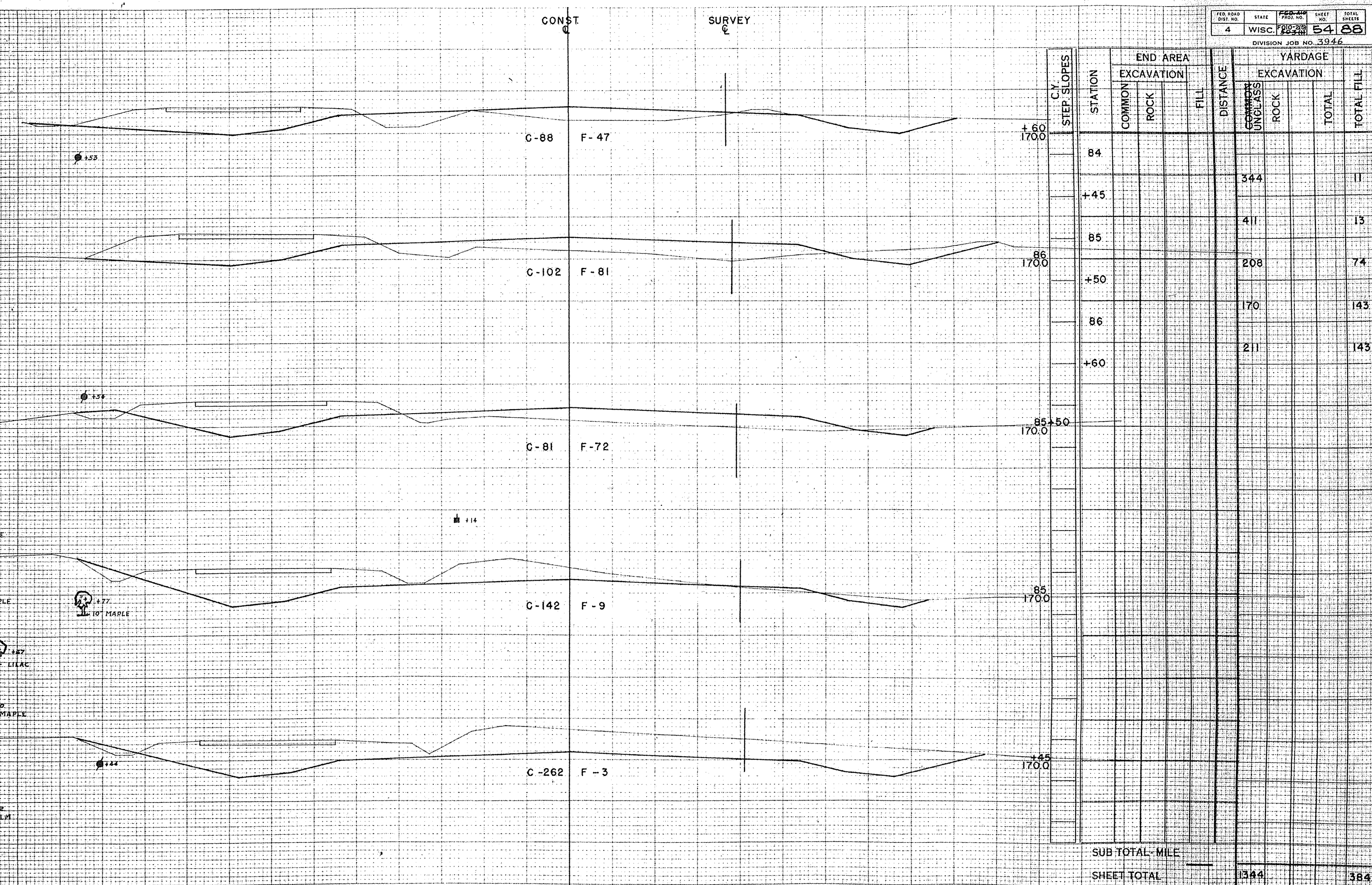
DIVISION JOB NO. 3946



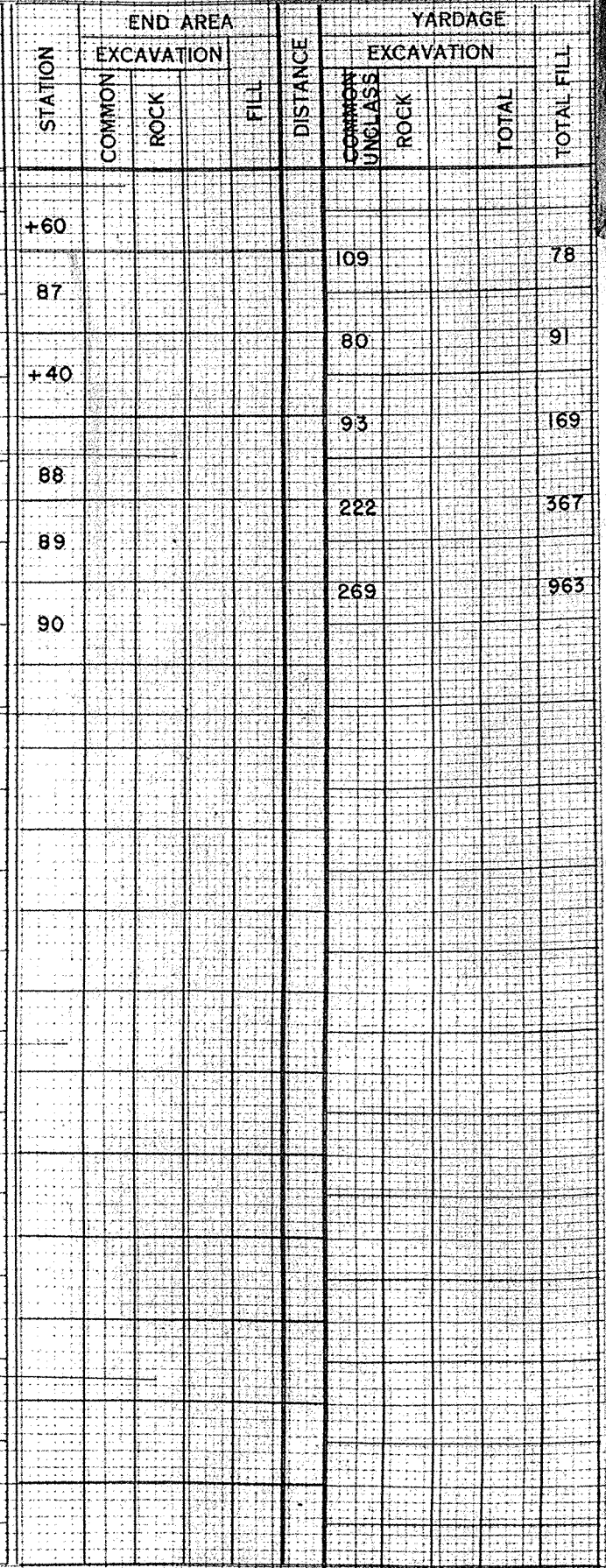
CONST.		SURVEY
Q		C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	F010-255 50344	54	88

DIVISION JOB NO. 3946



C.Y.	STEP SLOPES
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SHEET TOTAL

1668



SHEET TOTAL

