FEDERAL-AID ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-80	32-2-I 32-3-I	GRUNDY	41	1
B.P.R. REG. NO. 4	ILLINOIS	PROJECT I-80-3(41)106		

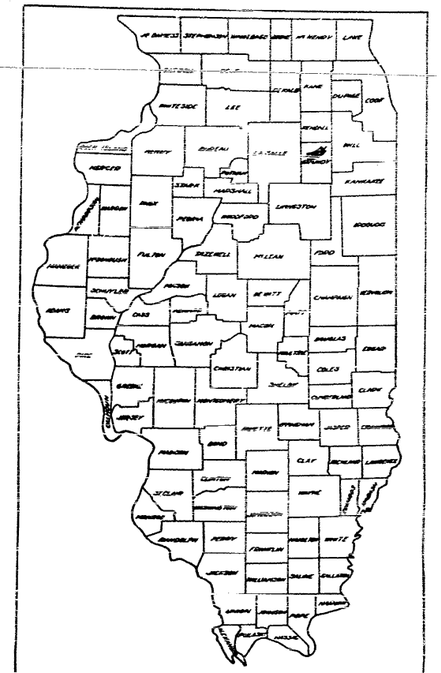
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED

FEDERAL AID INTERSTATE HIGHWAY

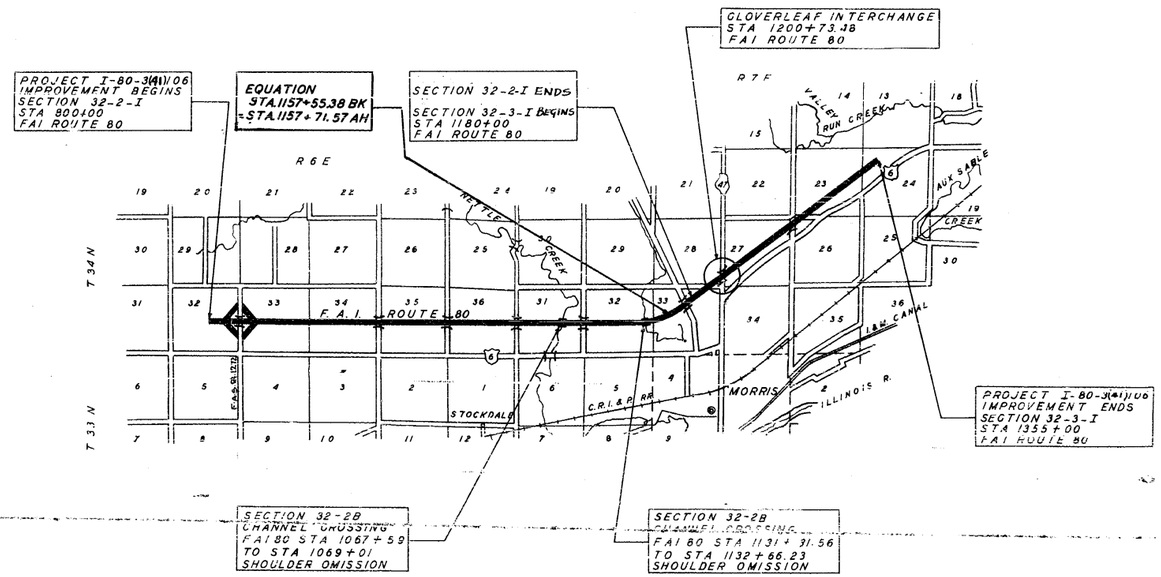
SCALES			
	PLAN	1 INCH	100 FT.
	PROFILE, HOR.	1 INCH	100 FT.
	PROFILE, VERT.	1 INCH	10 FT.
	CROSS-SECTIONS	1 INCH	5 FT.

FAI ROUTE 80
GRUNDY COUNTY
SECTIONS 32-2-I , 32-3-I
PROJECT I-80-3(41)106



LOCATION OF SECTION INDICATED THUS:—

ROADWAY CLASSIFICATION
D.H.V. 3600(1951)-T-70



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

SUBMITTED April 17 1961
Chief Highway Engineer

EXAMINED April 17 1961
Division of Field Plans and Contracts

PASSED April 17 1961
Secretary of Highways

APPROVED April 17 1961
Director of Highways

APPROVED April 17 1961
Chief Highway Engineer

DIRECTOR

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER

DATE

NET LIMITS: SECTION 32-2-I 37 707.14 FEET 7.142 MILES
SECTION 32-3-I 17 500.00 FEET 3.314 MILES
TOTAL LIMITS OF CONTRACT: 55 207.14 FEET 10.456 MILES

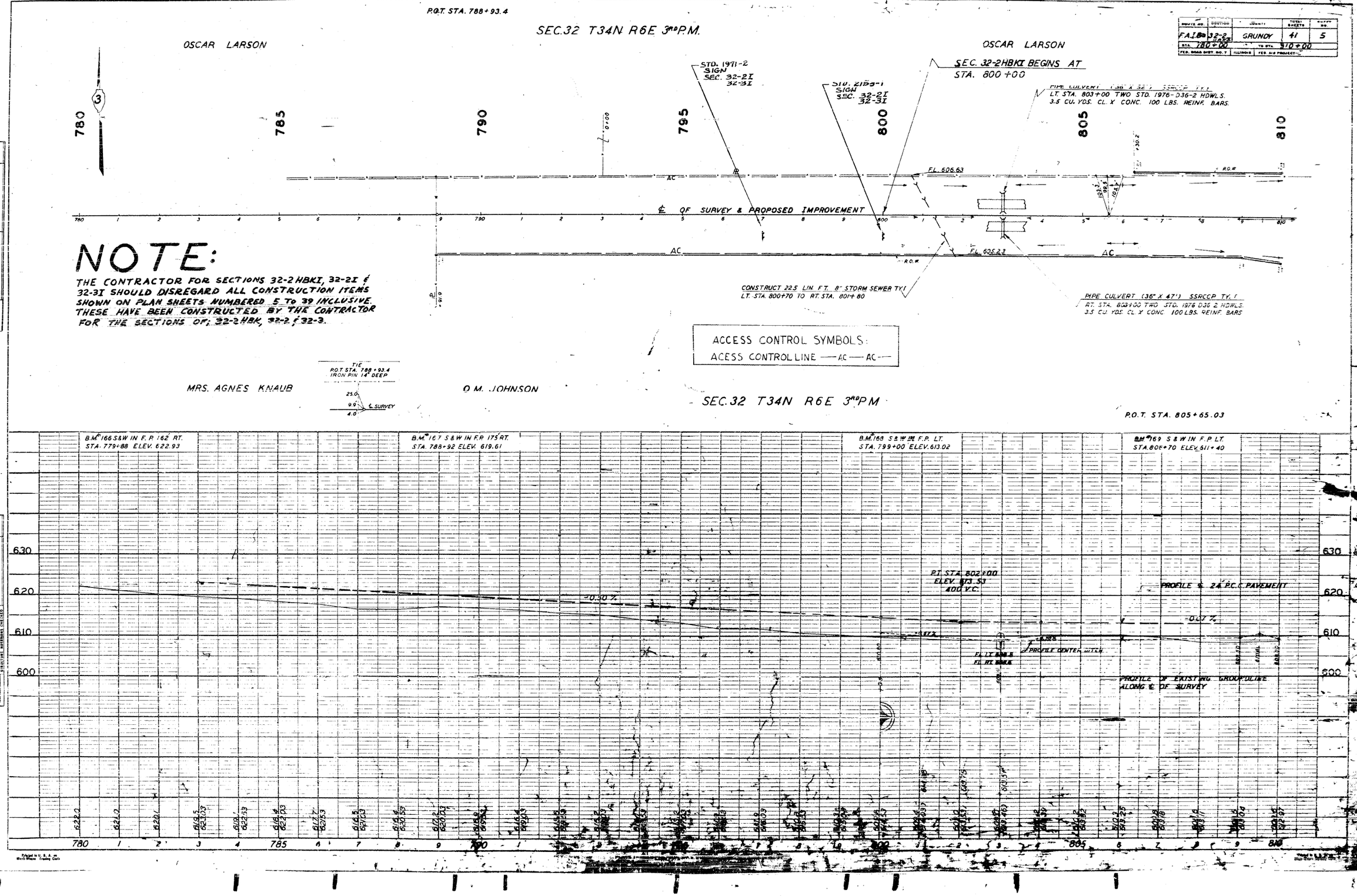
Job No. 20872

K+E 178 IMPERIAL

GRUNDY COUNTY SECTIONS 32-2-I 32-3-I F.A.I. ROUTE 80

F.A.I. RT. 80 SEC. 32-2HBKI GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2 HBKI	GRUNDY	41	5
STA. 780+00		TO STA. 810+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT —		



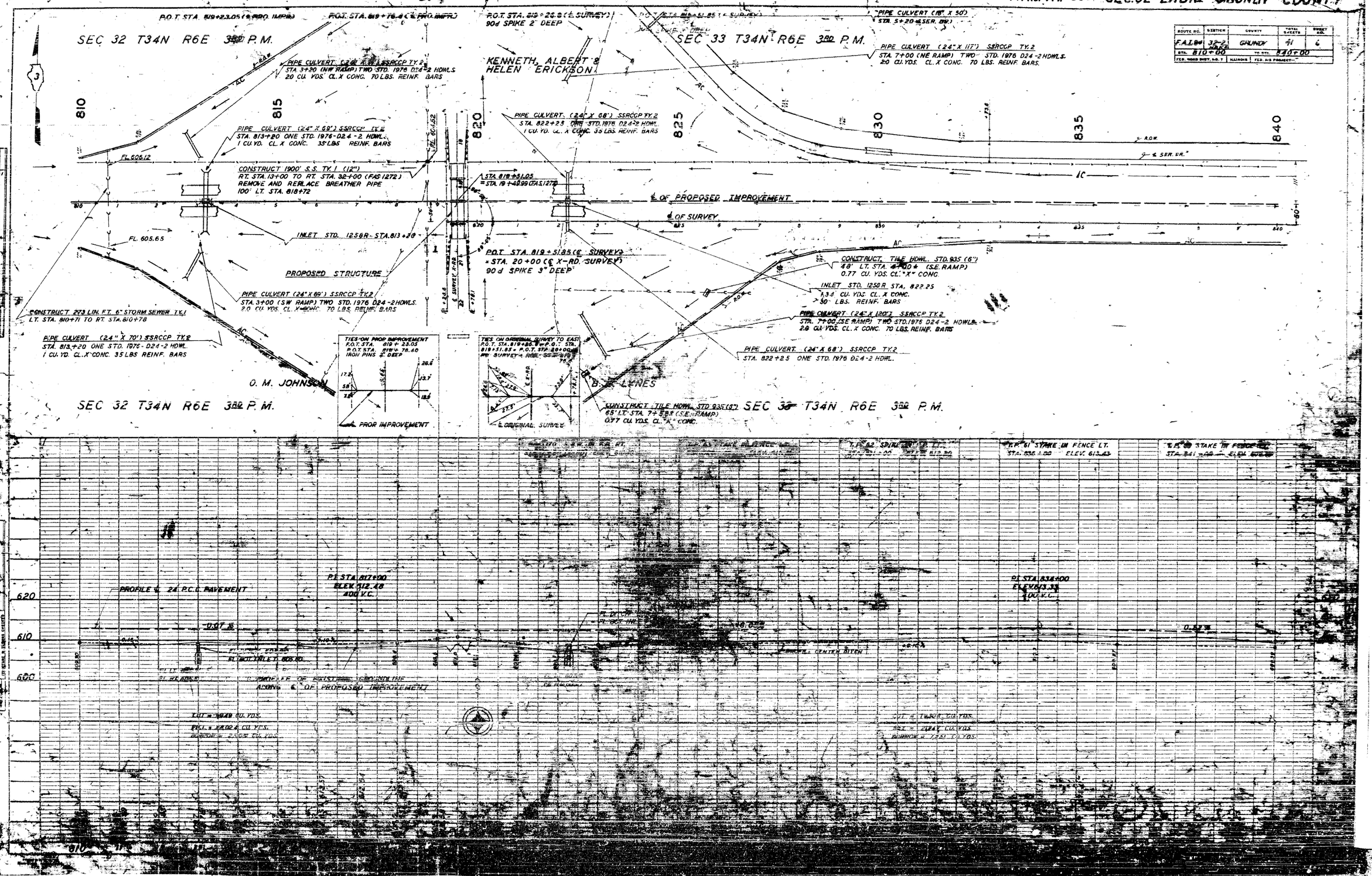
PLAN — SURVEYED: NOTE BOOK No. — ESTIMATE: LEAVE BLANK — CHECKED: — RT. OF WAY CHECKED: — DATE: 12-20-76

PROFILE — SURVEYED: — PLOTTED: — NOTE BOOK No. 117 — GRADES CHECKED: — B.M.'S NOTED: — ISSUED FOR: WORKING STRUCTURE — DATE: 12-20-76

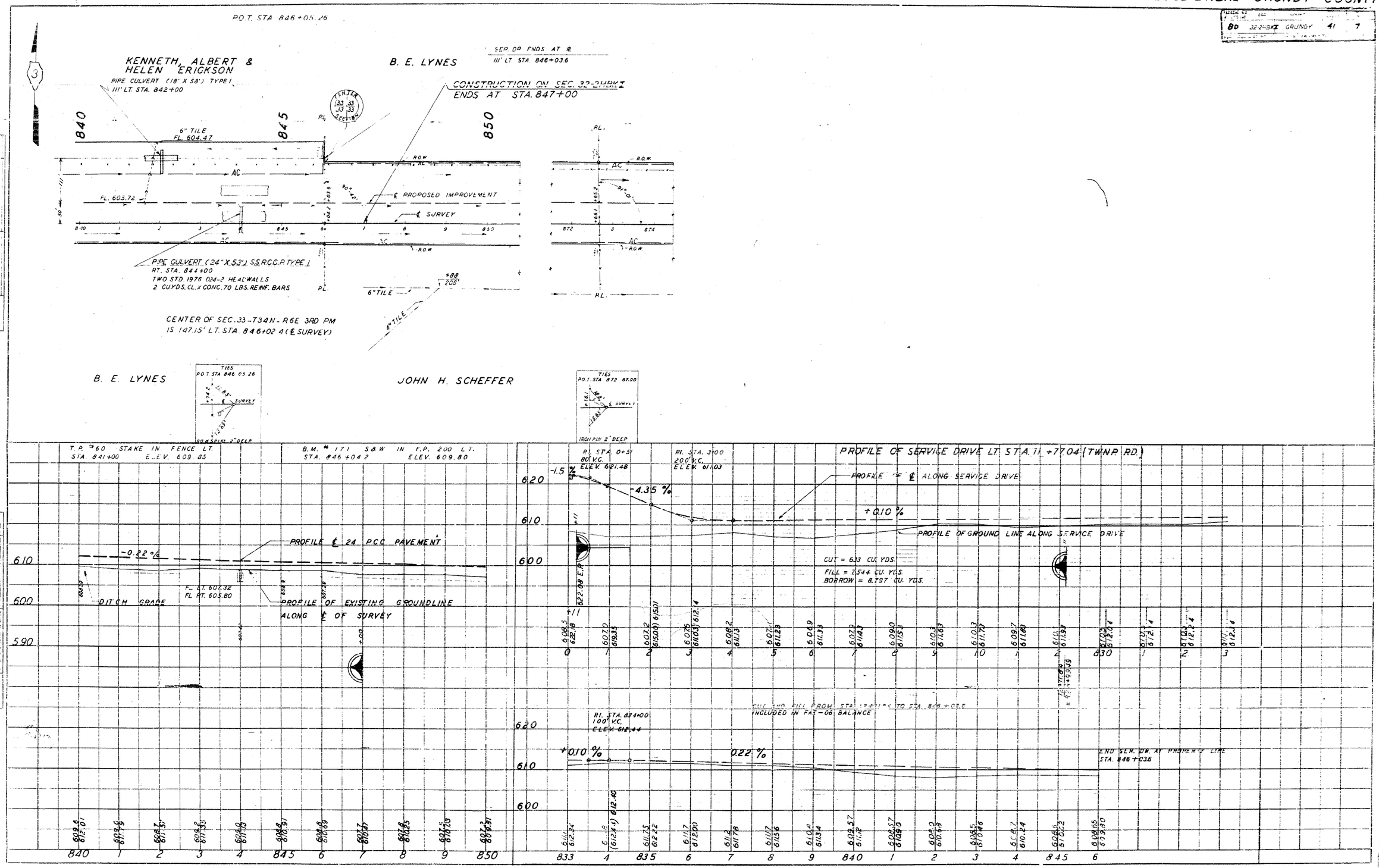
Printed in U.S.A. by Mid-Western Printing Co.

F.A.I. RT. 80 SEC. 32-2HBKI GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2 HBKI	GRUNDY	41	4
STA. 810+00		TO STA. 840+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT—		

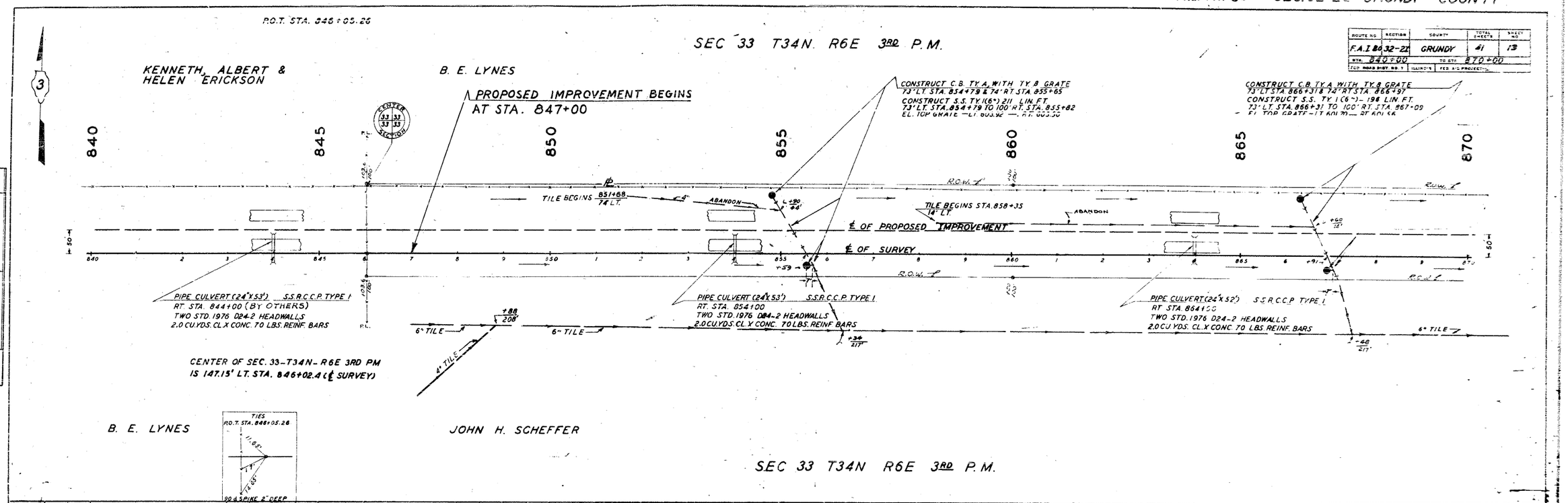


FEDERAL NO.	SEC	COUNTY		
80	32-2-HBKI	GRUNDY	41	7



F.A.I. RT. 80 SEC. 32-21 GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-21	GRUNDY	41	13
STA. 840+00		TO STA. 870+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

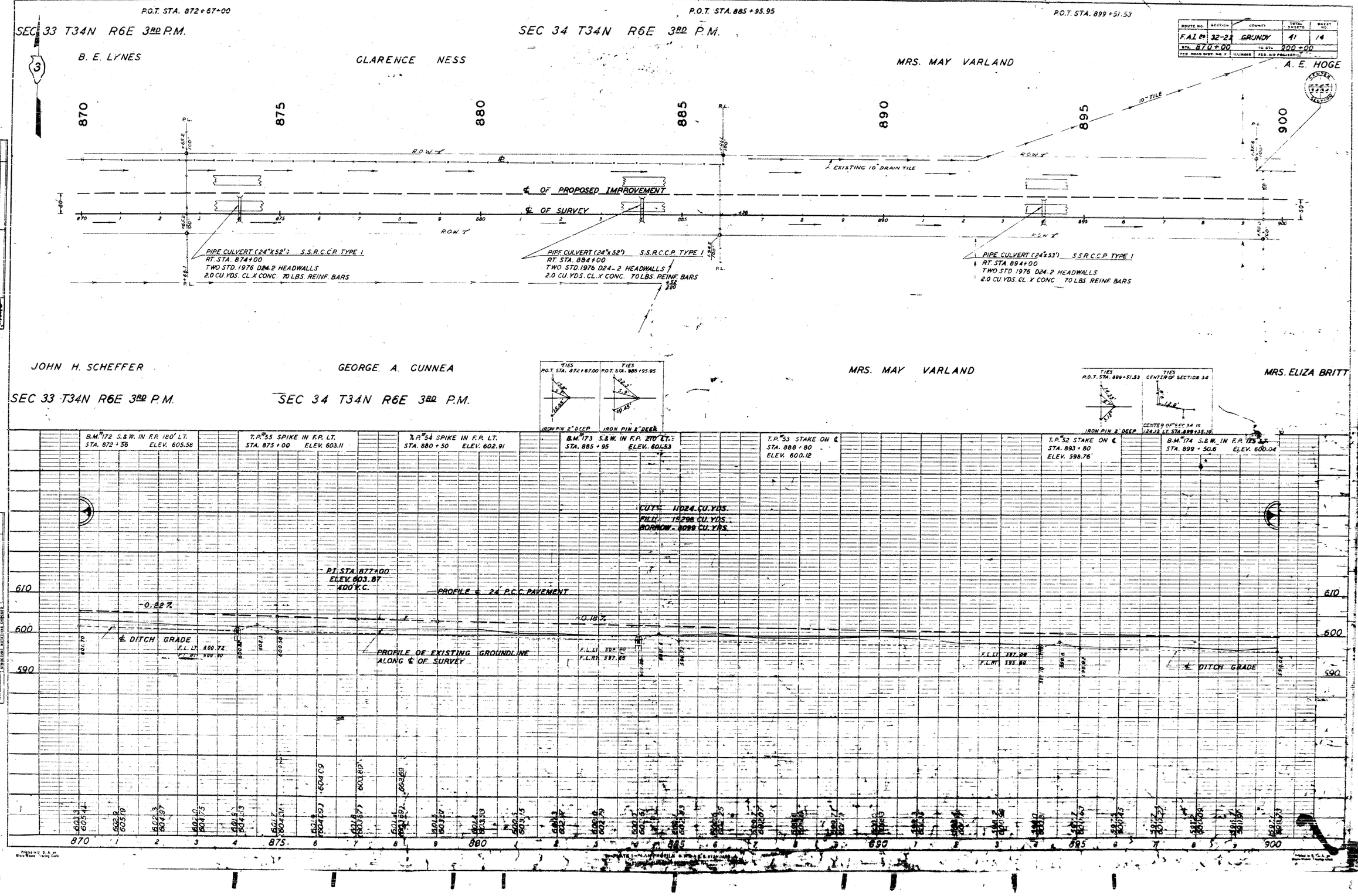


PLAN
NOTED: C.L.S.
PLOTTED: J.E.S.
ALIGNMENT CHECKED: R.S.S.
NOTE BOOK
No. 12/13
ST. OF MT. CALCULED
DATE

PROFILE
SAY-TEER
PLOTTED
GRADES CHECKED
NOTE BOOK
No. 12/15
DATE

F.A.I. RT. 80 SEC. 32-21 GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-21	GRUNDY	41	14
STA. 870+00		TO STA. 900+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



PLAN
NOTE BOOK No. 1225
NOTED: B.K.
PLOTTED: B.K.
CHECKED: C.H.G.
NOTES CHECKED: J.L.S.
BY OF NEY CHECKED:

PROFILE
NOTED: B.K.
PLOTTED: B.K.
CHECKED: C.H.G.
NOTES CHECKED: J.L.S.
R.N. NOTED:
BY OF NEY CHECKED:
NOTE BOOK No. 1225

F.A.I. RT. 80 SEC. 32-2I GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32 2I	GRUNDY	41	15
STA. 900+00		TO STA. 930+00		
ROAD DIST. NO. 1	ILLINOIS	FED. A.D. PROJECT		

P.O.T. STA. 912+59.84
IRON PIN 14" DEEP

P.O.T. STA. 925+75.27
IRON PIN 2" DEEP

P.O.T. STA. 925+96.37
= STA. 15+00 ℄ X-RD.
90 ∠ SPIKE 3" DEEP

P.O.T. STA. 926+21.41

SEC 34 T34N R6E 3RD P.M.

A. E. HOGE

A. E. HOGE

SEC. 35 T34N R6E 3RD P.M.

CLARENCE HOGE

900 905 910 915 920 925 930

R.O.W.

℄ OF PROPOSED IMPROVEMENT

℄ OF SURVEY

PIPE CULVERT (18"X30') S.S.R.C.C.P. TYPE 1
STA 924+46 TO STA 924+76
ONE STD 1976 D18-2 HEADWALL STA 924+46
0.65 CU YDS CL X CONC 30 LBS REINF. BARS

STA 929+49 CATCH BASIN TYPE "C" WITH TYPE "B" GRATE
20 LIN. FT STORM SEWER TYPE 2 12"
FROM 1 RT STA 929+50 TO 14' RT STA 929+64

PIPE CULVERT (24"X54') S.S.R.C.C.P. TYPE 1
RT STA 904+00
TWO STD 1976 D24-2 HEADWALLS
2.0 CU YDS. CL X CONC 70 LBS REINF BARS

PIPE CULVERT (24"X56') S.S.R.C.C.P. TYPE 1
RT STA 914+00
TWO STD 1976 D24-2 HEADWALLS
2.0 CU YDS CL X CONC 70 LBS REINF BARS

SPECIAL CULVERT STD 2031 SPL (5'-4" X 123'-8-1/4") STA 924+79
PIPE CULVERT (18"X30') S.S.R.C.C.P. TYPE 1
STA 924+82 TO STA 925+12
ONE STD 1976 D18-2 HEADWALL STA 925+12
0.65 CU YDS CL X CONC 30 LBS REINF BARS

PIPE CULVERT (36"X126') S.S.R.C.C.P. TYPE 1
RT & LT STA 926+27
TWO STD 1976 D36-2 HEADWALLS
3.5 CU YDS CL X CONC 100 LBS REINF BARS

PIPE CULVERT (36"X177') S.S.R.C.C.P. TYPE 2
RT & LT STA 929+80
TWO STD 1981 D36-2 45° SKEW HEADWALLS
7.4 CU YDS CL X CONC 200 LBS REINF BARS

BRIDGE BY CONTRACTOR FOR SEC 32-2 HB
STA. 925+96.0
3 SPAN R.C. CONT.
2 SPANS @ 5'-3" & 2 SPANS @ 3'-1-1/2"
LENGTH B TO B ABUTMENTS 190'-0"

SEC 35 T34N R6E 3RD P.M.

MRS. ELIZA BRITT

SEC 34 T34N R6E 3RD P.M.

MRS. ELIZA BRITT

CLARENCE HOGE

SEE SHEET NO. 7 OF 1 FOR DETAILS OF SERVICE DRIVE LT STA 9+00 TO STA 11+00 SIDE ROAD

NOTE: MANHOLE & STORM SEWER DATA SHOWN ON SIDE ROAD PLAN SHEET No. 17

QUARTER SEC. COR. STA. 925+94.99

STONE

T.P. "51" STAKE ON ℄
STA. 902+00
ELEV. 598.11

T.P. "50" STAKE ON ℄
STA. 907+00
ELEV. 593.9

T.P. "49" STAKE ON ℄
STA. 912+00
ELEV. 596.04

T.P. "48" STAKE ON ℄
STA. 917+00
ELEV. 593.57

T.P. "45" SPIKE IN F.R. LT.
STA. 929+00 ELEV. 585.99

PROFILE TEMPORARY SIDE ROAD APPROACH RT & LT STA 925+36.37 TO STA 14+56 SD. RD.

PI STA 13+60
20' V.C.
El 589.5

℄ FAI 80

PI STA 15+40
20' V.C.
El 588.40

P.I. STA. 910+00
ELEV. 597.93
400' V.C.

PROFILE ℄ 24' P.C.C. PAVEMENT

-0.18 %

PROFILE OF EXISTING GROUNDLINE ALONG ℄ OF SURVEY

F.L. LT 595.20
F.L. RT 593.80

F.L. LT 592.88
F.L. RT 590.70

-0.36 %

℄ DITCH GRADE

P.I. STA. 929+00
ELEV. 591.09
400' V.C.

-0.14 %

F.L. C.B. 587.30
F.L. C.B. 585.00

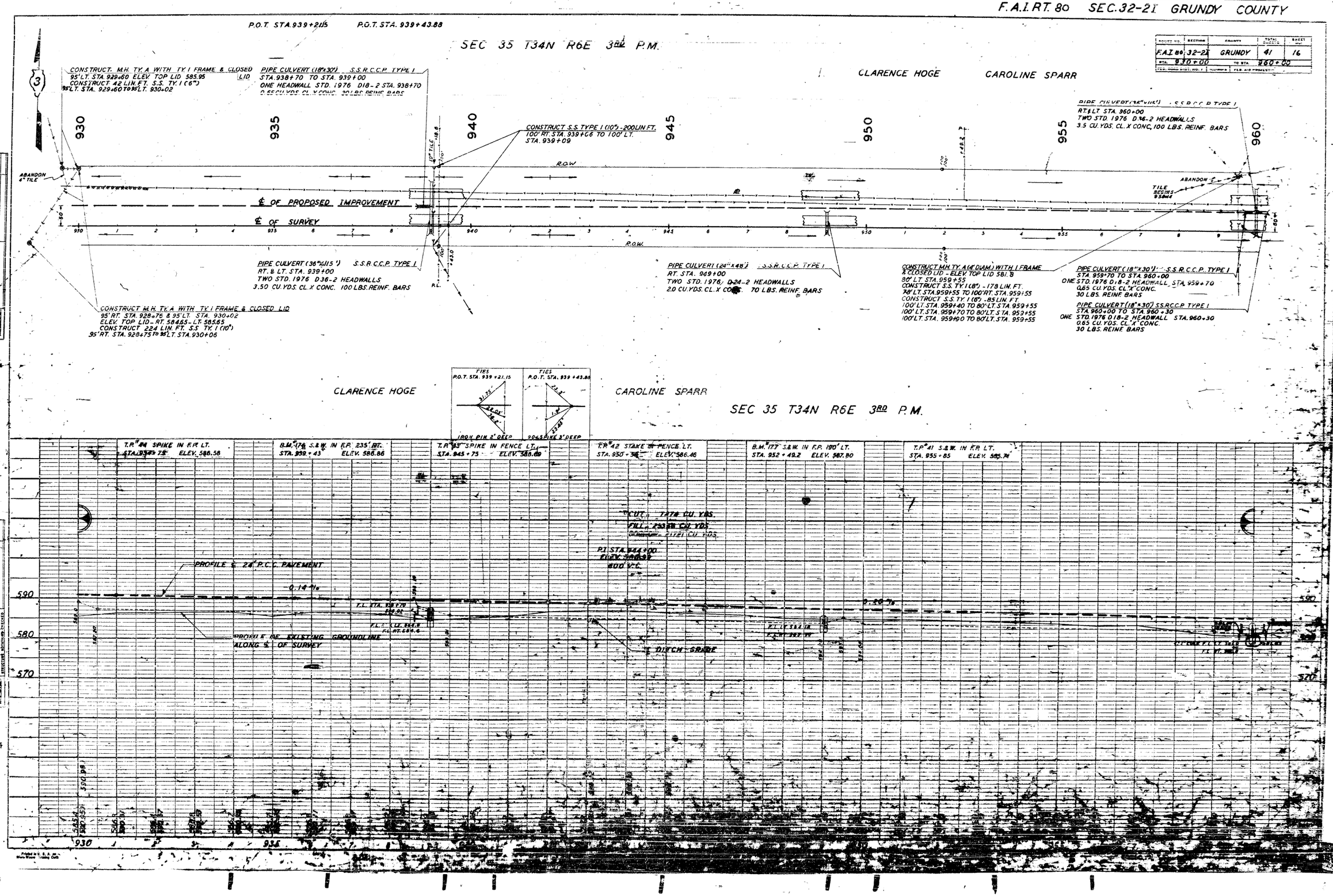
CUT - 18317 CU. YDS.
FILL - 23160 CU. YDS.
BORROW - 10983 CU. YDS.

600 590 580

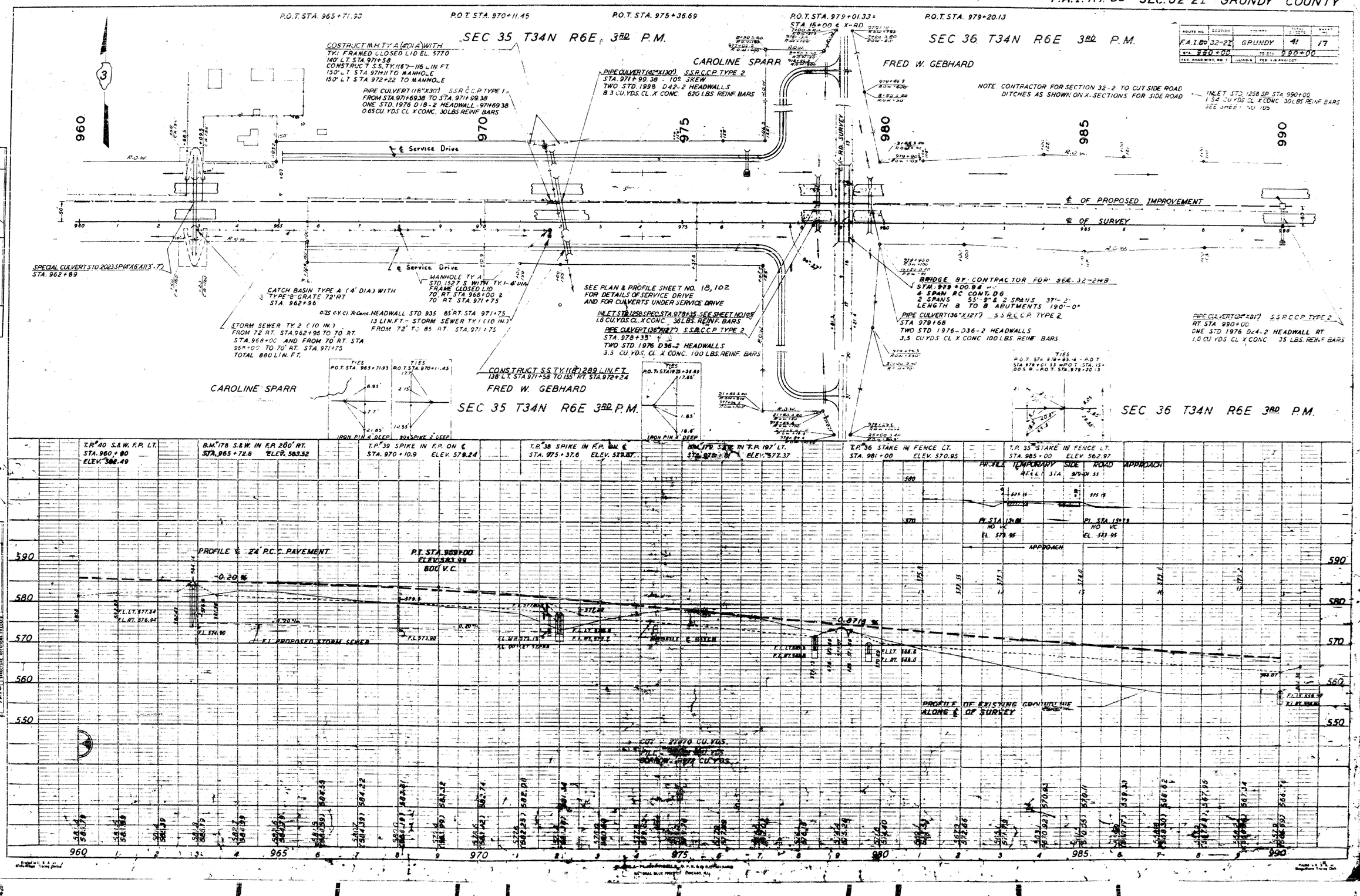
900 1 2 3 4 905 6 7 8 9 910 11 12 13 14 915 16 17 18 19 920 1 2 3 4 925 6 7 8 9 930

F.A.I. RT. 80 SEC. 32-21 GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-21	GRUNDY	41	16
STA. 930+00		TO STA. 960+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

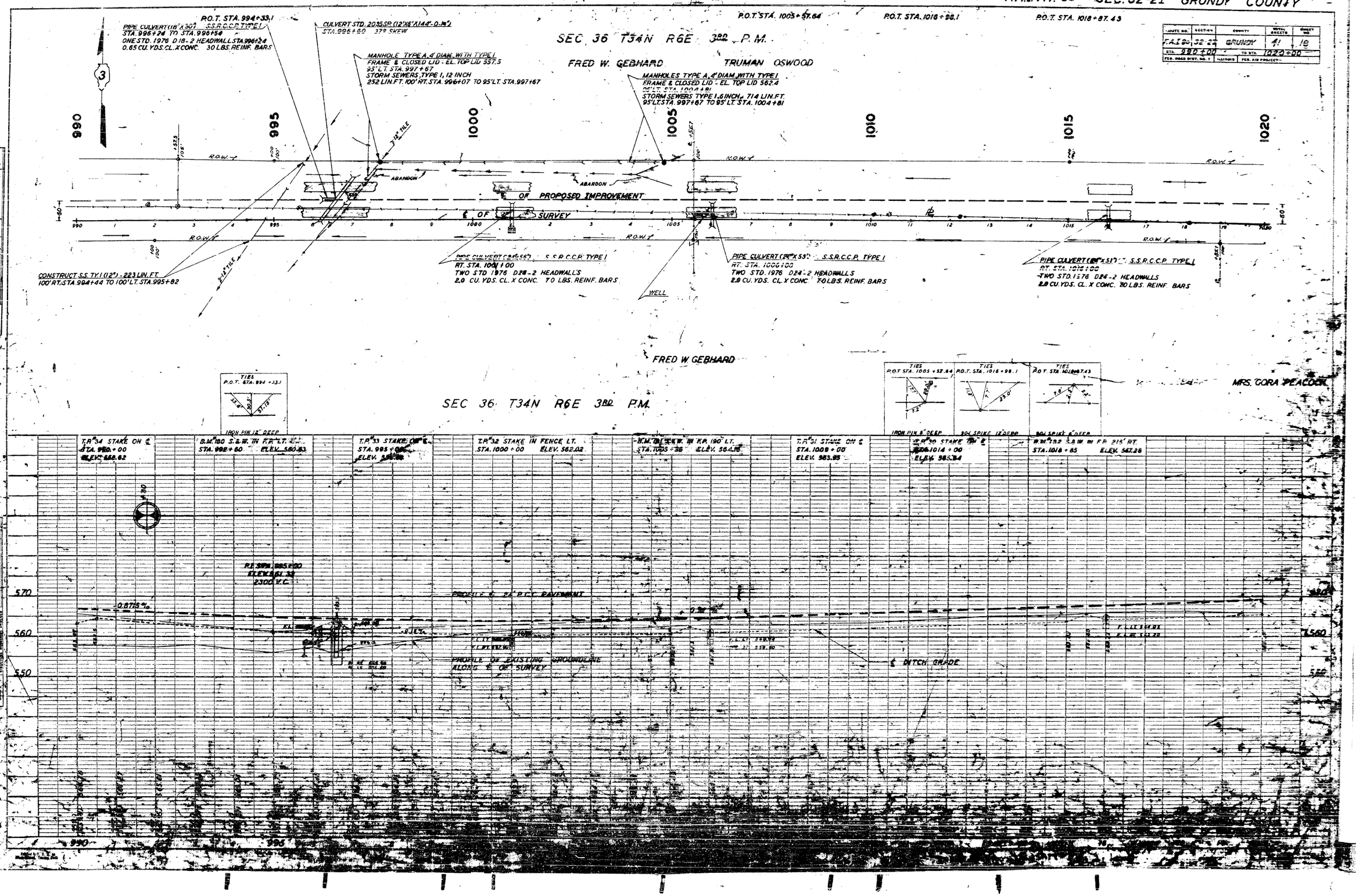


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	17
STA. 960+00		TO STA. 990+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



F.A.I. RT. 80 SEC. 32-2I GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	18
STA. 980+00		TO STA. 1020+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT --		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	19
STA. 1020+00		TO STA. 1050+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-I		

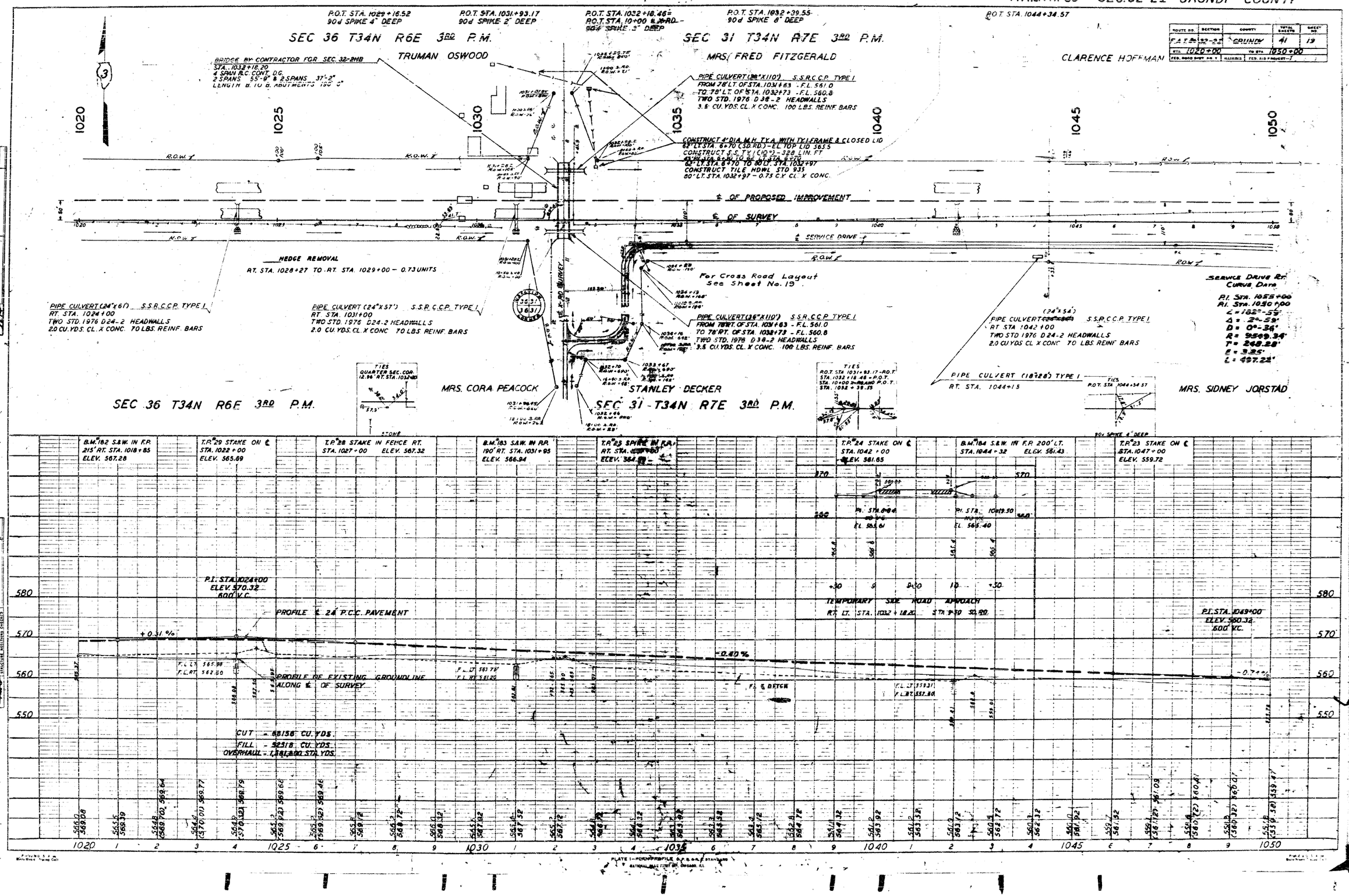
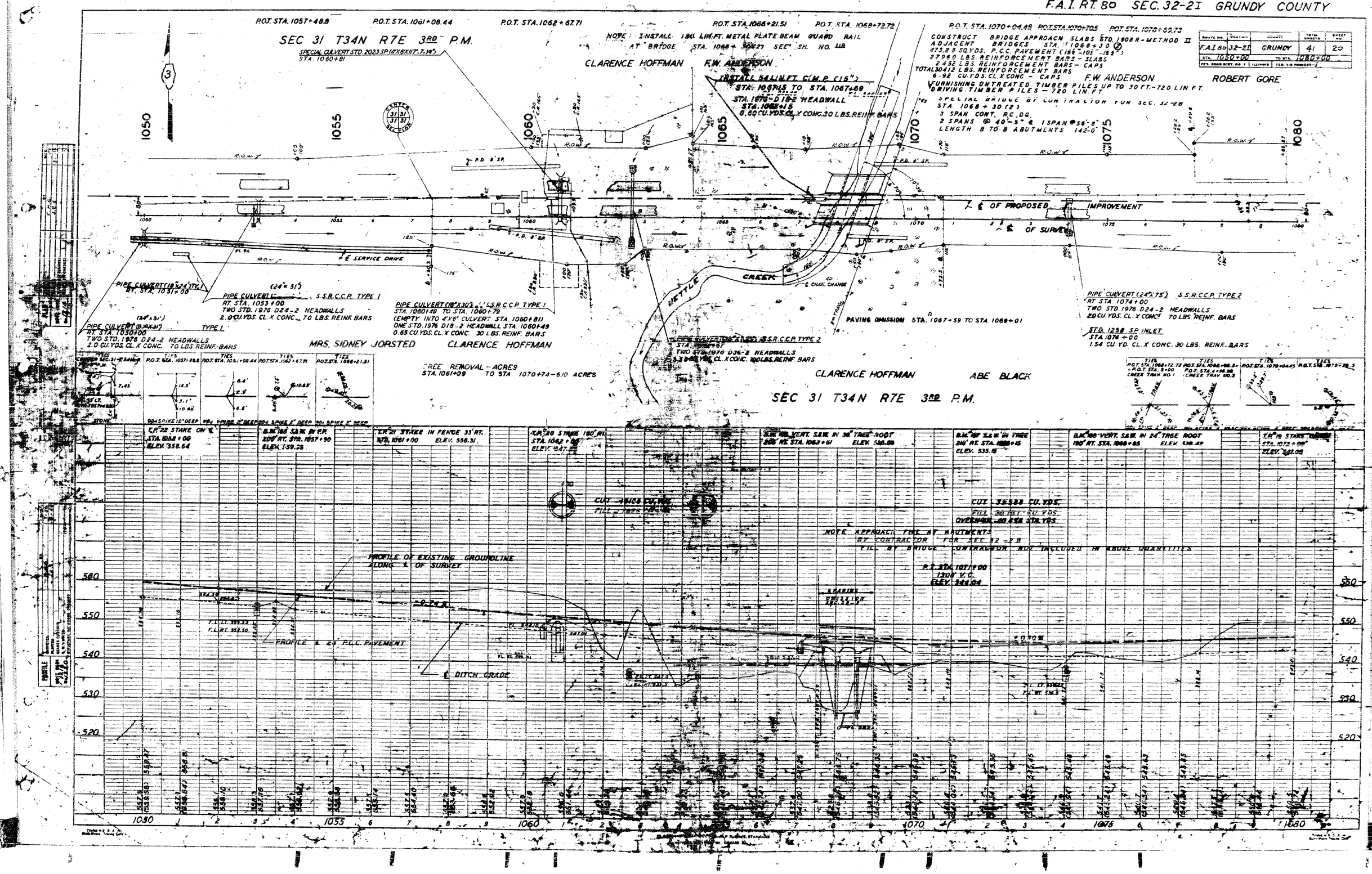


PLATE 1—ROAD PROFILE, A.A.S.H.O. STANDARD
NATIONAL BITUMINOUS PAVING CO. CHICAGO, ILL.

F.A.I. RT. 80 SEC. 32-2I GRUNDY COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	20
STA. 1020+00		TO STA. 1080+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-I		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-21	GRUNDY	41	21
STA. 1080+00		TO STA. 1110+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

P.O.T. STA 1081+97.7
90 d SPIKE 1½" DEEP

P.O.T. STA. 1083+84.12
90 d SPIKE 3" DEEP

P.O.T. STA. 1083+95.03 =
P.O.T. STA. 15+00 X-RD.
90 d SPIKE 3" DEEP

P.O.T. STA. 1084+12.55
90 d SPIKE 2" DEEP

P.O.T. STA. 1097+22.24

SEC 31 T34N R7E 3RD P.M.

SEC 32 T34N R7E 3RD P.M.

ROBERT GORE

LAURA M. STEPHANS

LAURA M. STEPHANS

ABE BLACK

ABE BLACK

SEC 31 T34N R7E 3RD P.M.

SEC 32 T34N R7E 3RD P.M.

PIPE CULVERT (36" X 104'-0") S.S.R.C.C.P. TYPE 2
FROM 77' LT. STA. 1083+43.51
TO 77' LT. STA. 1084+47.51
STD 1976 D36-2 HEADWALLS
3.5 CU. YDS. CL. X CONC. 100 LBS. REINF. BARS

INLET STD. 1258 SPEC. STA. 1085+00
1.5 CU YDS. CL. X. CONC. 30 LBS. REINF BARS

CONSTRUCT 4' DIAM. M.H. TY. A. WITH TY. 1 FRAME & CLOSED LID
78' RT STA 1094+66 - EL. TOP LID 545.7
CONSTRUCT S.S. TY. 1 (6') - 353 LIN. FT.
100' RT. STA. 1093+68 TO 78' RT. STA. 1094+66
78' RT. STA. 1094+66 TO 100' LT. STA. 1096+51

℄ OF PROPOSED IMPROVEMENT

℄ OF SURVEY

ABANDON

6" TILE BEGINS
32' RT STA. 1101+51

PIPE CULVERT (36" X 104'-0") S.S.R.C.C.P. TYPE 2
FROM 77' RT. OF STA. 1083+42.91
TO 77' RT. OF STA. 1084+46.91
STD. 1976 D-36-2 HEADWALLS
3.5 CU. YDS. CL. X CONC. 100 LBS. REINF. BARS

PIPE CULVERT (24" X 64') S.S.R.C.C.P. TYPE 2
RT. STA. 1085+00
ONE STD 1976 D24-2 HEADWALL
1.0 CU. YDS. CL. X CONC. 35 LBS. REINF BARS

BRIDGE BY CONTRACTOR (FOR STA. 1085+00)
4 SPAN P.C. CONT. DS
2 SPANS @ 58'-9" & 2 SPANS @ 37'-2"
LENGTH ℄ TO ℄ ABUTMENTS = 190'-0"

PIPE CULVERT (24" X 48') S.S.R.C.C.P. TYPE 1
RT STA 1106+00
TWO STD 1976 D24-2 HEADWALLS
2.0 CU YDS CL. X CONC 70 LBS. REINF BARS

P.O.T. STA. 1083+84.12
TIES – P.O.T. STA. 1083+95.03
P.O.T. STA. 1084+12.55

TIES
P.O.T. STA. 1083+95.03

T.P. 17 STAKE ON ℄
STA. 1081+00
ELEV. 551.38

B.M. 169 A S.&W. IN RR LT.
STA. 6+30 (X-RD.)
ELEV. 553.74

B.M. 169 S.&W. IN RR 225' RT.
STA. 1084+12 ELEV. 552.02

T.P. 14 STAKE IN FENCE LT.
STA. 1085+70 ELEV. 550.81

T.P. 13 STAKE ON ℄
STA. 1088+00
ELEV. 550.30

B.M. 170 S.&W. IN F.P. 200' RT.
STA. 1097+23 ELEV. 550.53

T.P. 12 STAKE ON ℄
STA. 1100+00
ELEV. 550.25

T.P. 11 STAKE ON ℄
STA. 1105+00
ELEV. 548.49

B.M. 171 S.&W. IN F.P. 225' RT.
STA. 1110+12 ELEV. 550.08

PROFILE TAPE FENCE
RT. & LT. STA. 1085+50 RT. & STA. 14+50 X-RD.

PI. STA. 1088+00
20' VC
EL. 547.80

PI. STA. 1088+00
20' VC
EL. 547.80

PI. STA. 1088+00
20' VC
EL. 550.40

PI. STA. 1097+00
ELEV. 550.84
400' V.C.

PROFILE OF EXISTING GROUNDLINE
ALONG ℄ OF SURVEY

+0.80%

-0.14%

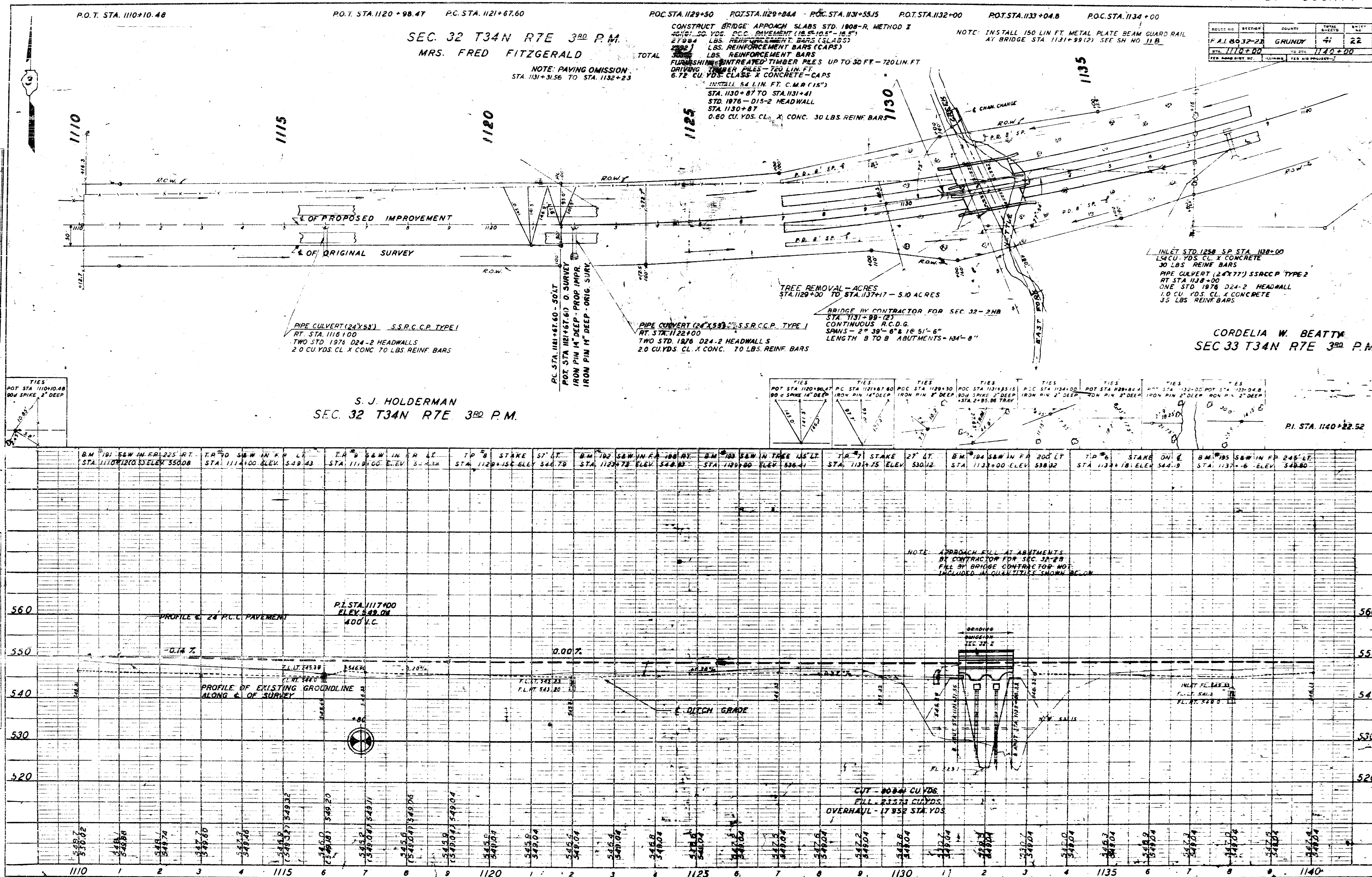
F.L. LT. 548.10
F.L. RT. 548.10
PROFILE ℄ 24' P.C.C. PAVEMENT

PROFILE ℄ DITCH

F.L. LT. 548.77
F.L. RT. 548.40

CUT - 20,500 CU. YDS.
FILL - 15,590 CU. YDS.
OVERHAUL - 18,543 STA. YDS.

PROFILE
PLAN
NOTE BOOK
ALIGNMENT CHECKED
B.M.'s VERIFIED
APPROVED
F.E.S.
DATE 8-66


P.O.T. STA. 1110+10.48
P.O.T. STA. 1120+98.47
P.C. STA. 1121+67.60
P.O.C. STA. 1129+50
P.O.T. STA. 1129+84.4
P.O.C. STA. 1131+55.15
P.O.T. STA. 1132+00
P.O.T. STA. 1133+04.8
P.O.C. STA. 1134+00
SEC. 32 T34N R7E 3RD P.M.
MRS. FRED FITZGERALD
NOTE: PAVING OMISSION STA. 1131+31.56 TO STA. 1132+23
CONSTRUCT BRIDGE APPROACH SLABS STD. 1908-R, METHOD II
LBS. REINFORCEMENT BARS (CAPS)
TOTAL LBS. REINFORCEMENT BARS
FURNISHING UNTREATED TIMBER PILES UP TO 30 FT. – 720 LIN. FT.
DRIVING TIMBER PILES – 720 LIN. FT.
6.72 CU. YDS. CLASS X CONCRETE – CAPS
INSTALL 54 LIN. FT. C.M.P. (15")
STA. 1130+87 TO STA. 1131+41
STD. 1976 – D15-2 HEADWALL
STA. 1130+87
0.60 CU. YDS. CL. X CONC. 30 LBS. REINF. BARS
NOTE: INSTALL 150 LIN. FT. METAL PLATE BEAM GUARD RAIL AT BRIDGE STA. 1131+99 (2) SEE SH NO 11B
F.A.I. 80 32-2I GRUNDY 41 22
STA. 1110+00 TO STA. 1140+00
1110
1115
1120
1125
1130
1135
R.O.W.
℄ OF PROPOSED IMPROVEMENT
℄ OF ORIGINAL SURVEY
℄ CHAN. CHANGE
P.D. 8' SP.
PLAN
NOTE BOOK No. 1216
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY C.H.G. E.P.D.
DATE 10-56 11-56
PIPE CULVERT (24"X53') S.S.R.C.C.P. TYPE I
RT. STA. 1116+00
TWO STD 1976 D24-2 HEADWALLS
2.0 CU. YDS. CL. X CONC. 70 LBS. REINF. BARS
P.C. STA. 1121+67.60 – 50' LT.
P.O.T. STA. 1121+67.60 O. SURVEY
IRON PIN 14" DEEP – PROP. IMPR.
IRON PIN 14" DEEP – ORIG. SURV.
PIPE CULVERT (24"X53') S.S.R.C.C.P. TYPE I
RT. STA. 1122+00
TWO STD. 1976 D24-2 HEADWALLS
2.0 CU. YDS. CL. X CONC. 70 LBS. REINF. BARS
TREE REMOVAL – ACRES
STA. 1129+00 TO STA. 1137+17 – 5.10 ACRES
BRIDGE BY CONTRACTOR FOR SEC. 32-2HB
STA. 1131+99-(2)
CONTINUOUS R.C.D.G.
SPANS – 2 @ 39'-6" & 1 @ 51'-6"
LENGTH B TO B ABUTMENTS = 134'-8"
EAST FORK
INLET STD. 1258 SP STA. 1138+00
1.54 CU. YDS. CL. X CONCRETE
30 LBS. REINF. BARS
PIPE CULVERT (24"X77') SSRCCP TYPE 2
RT STA 1138+00
ONE STD 1976 D24-2 HEADWALL
1.0 CU. YDS. CL. X CONCRETE
35 LBS. REINF. BARS
CORDELIA W. BEATTY
SEC 33 T34N R7E 3RD P.M.
S. J. HOLDERMAN
SEC. 32 T34N R7E 3RD P.M.
TIES POT STA 1110+10.48 90d SPIKE 2" DEEP
TIES POT STA 1120+98.47 90d SPIKE 14" DEEP
TIES PC STA 1121+67.60 IRON PIN 14" DEEP
TIES POC STA 1129+50 IRON PIN 2" DEEP
TIES POC STA 1131+55.15 90d SPIKE 2" DEEP +STA. 2+95.96 TRAV
TIES POC STA 1134+00 IRON PIN 2" DEEP
TIES POT STA 1129+84.4 IRON PIN 2" DEEP
TIES POT STA 1132+00 IRON PIN 2" DEEP
TIES POT STA 1133+04.8 IRON PIN 2" DEEP
P.I. STA. 1140+22.52
B.M. 191 S&W IN F.P. 225' RT. STA. 1110+12(0.5) ELEV. 550.08
T.P. 10 S&W IN F.P. LT. STA. 1114+00 ELEV. 549.43
T.P. 9 S&W IN F.P. LT. STA. 1119+00 ELEV.
T.P. 8 STAKE 57' LT. STA. 1120+15 ELEV. 546.79
B.M. 192 S&W IN F.P. 198' RT. STA. 1123+72 ELEV. 548.83
B.M. 193 S&W IN TREE 135' LT. STA. 1129+80 ELEV. 536.41
T.P. 7 STAKE 27' LT. STA. 1131+75 ELEV. 530.12
B.M. 194 S&W IN F.P. 200' LT. STA. 1133+00 ELEV. 538.32
T.P. 6 STAKE ON ℄ STA. 1134+18 ELEV. 544.19
B.M. 195 S&W IN F.P. 245' LT. STA. 1137+6 ELEV. 549.80
NOTE: APPROACH FILL AT ABUTMENTS BY CONTRACTOR FOR SEC. 32-2B FILL BY BRIDGE CONTRACTOR NOT INCLUDED IN QUANTITIES SHOWN BELOW
560
550
540
530
520
PROFILE ℄ 24' P.C.C. PAVEMENT
P.I. STA. 1117+00
ELEV. 549.04
400' V.C.
-0.14 %
0.00 %
PROFILE OF EXISTING GROUNDLINE ALONG ℄ OF SURVEY
F.L. LT. 545.38
F.L. RT. 544.0
F.L. LT. 543.23
F.L. RT. 543.20
℄ DITCH GRADE
GRADING OMISSION SEC. 32-2I
B. ABUT. STA. 1131+31.56
B. ABUT. STA. 1132+
H.W. 532.15
FL 523.1
INLET FL 545.33
FL. RT. 540.0
CUT – 20841 CU. YDS.
FILL – 23573 CU. YDS.
OVERHAUL – 17952 STA. YDS.
PROFILE
NOTE BOOK No. 1216
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS CHECKED
548.7 550.02
548.1 549.88
548.1 549.74
547.7 549.60
547.3 549.46
545.9 (549.32)
546.0 (549.18)
545.2 (549.04)
545.6 (549.04)
545.9 (549.04)
545.9 549.04
545.8 549.04
546.4 549.04
546.4 549.04
546.8 549.04
547.5 549.04
547.6 549.04
547.2 549.04
543.8 549.04
532.7 549.04
530.7 549.04
540.0 549.04
546.3 549.04
548.9 549.04
547.3 549.04
547.0 549.04
547.5 549.04
547.8 549.04
1110
1115
1120
1125
1130
1135
1140
Printed in U.S.A. on Micro-Weave Tracing Cloth

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	23
BEG. 1140+00		END 1170+00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

P.I. STA. 1140+22.52
IRON PIN 14" DEEP

CONSTRUCT S.S. TY I (6") - 280 LIN. FT.
APPROX. RT. STA. 1140+59 TO APPROX.
LT. STA. 1141+46

P.O.C. STA. 1151+00 IRON PIN 14" DEEP
P.O.T. STA. 1152+57.0 IRON PIN 2" DEEP

P.T. STA. 1157+55.38 (AHEAD)
= STA. 1157+71.57 (BACK)
90 d SPIKE 14" DEEP

SEC 33 T34N R7E 3RD P.M.

CORDELIA BEATTY

CONSTRUCT S.S. TY I (6") - 264 LIN. FT.
APPROX. 116' RT. STA. 1145+32 TO APPROX.
110' LT. STA. 1146+67

EQUATION
PT. STA. 1157+55.38 BACK =
STA. 1157+71.57 AHEAD

P.O.T. STA. 1164+55.4 (℄ SURVEY)
= STA. 14+45.4 (℄ LISBON RD.)
NAIL & WASHER

P.O.T. STA. 1164+71.06 P.O.T. STA. 1168+29.5

EUGENE GORE ESTATE

CONSTRUCT S.S. TY I (6") - 80 LIN. FT.
74' RT. STA. 11+60 TO 80' RT. STA. 12+28
(LISBON ROAD)

LORETTA McNELLIS

CONSTRUCT S.S. TY I (8") - 180' LIN. FT.
80' RT. STA. 12+28 TO 100' LT. STA. 12+22 LISBON RD.

PIPE ULT. (12"X.6) SSRCCP TY I
79' LT. STA. 1164+159 TO 79' LT. STA. 1165+319
STD. 1997-1 42-2 HEADWALLS
79' LT. STA. 1164+159 & 79' LT. STA. 1165+319
310 CU. YDS. CL. X CONC. 200 LBS. REINF. BARS-EACH

CONSTRUCT 4' DIA. M.H. TY A WITH TY I
FRAME & CLOSED LID ELEV. TOP LID
80' RT. STA. 12+28 (SD. RD.)
CONSTRUCT S.S. TY I (12") - 382 LIN. FT.
105' RT. STA. 1162+58 TO 230' LT. STA. 1164+10

℄ OF PROPOSED IMPROVEMENT

STD. 12.58 SP. INLET
STA. 1144+00
1.54 CU. YDS. CL. X CONC. 30 LBS. REINF. BARS
PIPE CULVERT (24"X74') S.S.R.C.C.P. TYPE 2
RT. STA. 1144+00
TWO STD. 1976 D24-2 HEADWALLS
1.0 CU. YDS. CL. X CONC. 3 5LBS. REINF. BARS

For Cross Road Layout
See Sheet No. 20

CURVE DATA

P.I. = STA. 1140+22.52
∠ = 144° 07' 20"
Δ = 35° 52' 40"
R = 5729.65'
D = 1° 00'
T = 1854.92'
L = 3587.78'
E = 292.78'
S = 0.01 FT/FT
P.C. = STA. 1121+67.60
P.T. = STA. 1157+55.38 (CURVE)
= STA. 1157+71.57 (ORIGINAL SURVEY)

REMOVE CROWN & ATTAIN SUPERELEVATION { STA 1121+10 TO STA 1122+10 ; STA. 1158+21.19 TO STA 1157+05 }

FULL SUPERELEVATION & NO CROWN - STA. 1122+10 TO STA. 1157+05

PIPE CULVERT (24"X62') S.S.R.C.C.P. TYPE 1
RT. STA. 1154+00
TWO STD. 1976 D24-2 HEADWALLS
2.0 CU. YDS. CL. X CONC. 70 LBS. REINF. BARS

PIPE CULVERT (24"X58') S.S.R.C.C.P. TYPE 1
RT. STA. 1163+00
TWO STD. 1976 D24-2 HEADWALLS
2.0 CU. YDS. CL. X CONC. 70 LBS. REINF. BARS

BRIDGE BY CONTRACTOR FOR SEC. 32-2HB
STA. 1164+55.40
4 SPAN R.C. CONT. D.G.
2 SPANS @ 57'-8" & 2 SPANS @ 41'-3"
LENGTH B. TO B. ABUTMENTS 202'-0"

PIPE CULV. T. 36"X116' SSRCCP TY I
79' RT. STA. 1163+78.69 TO 79' RT. STA. 1164+94.65
STD. 1976-D36-2 HEADWALLS
RT. STA. 1163+78.65 & RT. STA. 1164+94.65
1.75 CU. YDS. CL. X CONC. & 50 LBS. REINF. BARS-EACH

PIPE CULVERT (24"X57') S.S.R.C.C.P. TYPE 1
RT. STA. 1166+00
TWO STD. 1976 D24-2 HEADWALLS
2.0 CU. YDS. CL. X CONC. 70 LBS. REINF. BARS

TIES
POC STA. 1151+00
POT STA. 1152+57.1
℄ SURVEY

CORDELIA BEATTY

EUGENE GORE ESTATE

SEC 33 T34N R7E 3RD P.M.

LORETTA McNELLIS

TIES
POT STA. 1164+55.4
STA. 14+45.4 (℄ - RD.)
POT STA. 1168+29.5

TIES
POT STA. 1152+57.1
90 d SPIKE 6" DEEP
℄ SURVEY

B.M. #195 S&W IN F.P. 245' LT.
STA. 1137+16 ELEV. 549.80

T.P. #5 STAKE LT.
STA. 1142+26
ELEV. 548.27

T.P. #4 STAKE LT.
STA. 1146+78
ELEV. 548.18

B.M. #196 S&W IN F.P. 216' LT.
STA. 1153+05 ELEV. 548.97

B.M. #197 S.W. IN N. END OF W. HDWL. X-RD. CULV.
225' LT. STA. 1164+83 ELEV. 548.64

B.M. #198 S&W IN P.P. 150' LT.
STA. 1169+85 ELEV. 547.59

PROFILE TEMPORARY HAUL ROAD AFTERDARK
RT & LT. STA. 1164+55.40 FAI 06 ST. 14+45.4 ℄ SD. RD.

PROFILE ℄ 24' P.C.C. PAVEMENT

0.00% ELEVATION 549.04

-0.90% -0.20% -0.20% +0.20% +0.20%

F.L. LT. 541.69
F.L. RT. 540.60

F.L. LT. 545.23
F.L. RT. 541.60

F.L. LT. 545.23
F.L. RT. 545.23

F.L. LT. 545.23
F.L. RT. 542.80

PROFILE OF EXISTING GROUNDLINE
ALONG ℄ OF SURVEY

℄ DITCH GRADE

+80

CUT - 10,880 CU. YDS.
FILL - 8212 CU. YDS.

STA. 1157+55.38 Back
STA. 1157+71.57 Ahead

CUT - 7354 CU. YDS.
FILL - 5,654 CU. YDS.
STOCKPILE ON LISBON RD. R.O.W.
303 CU. YDS. (INCLUDED IN FILL QUANTITIES)

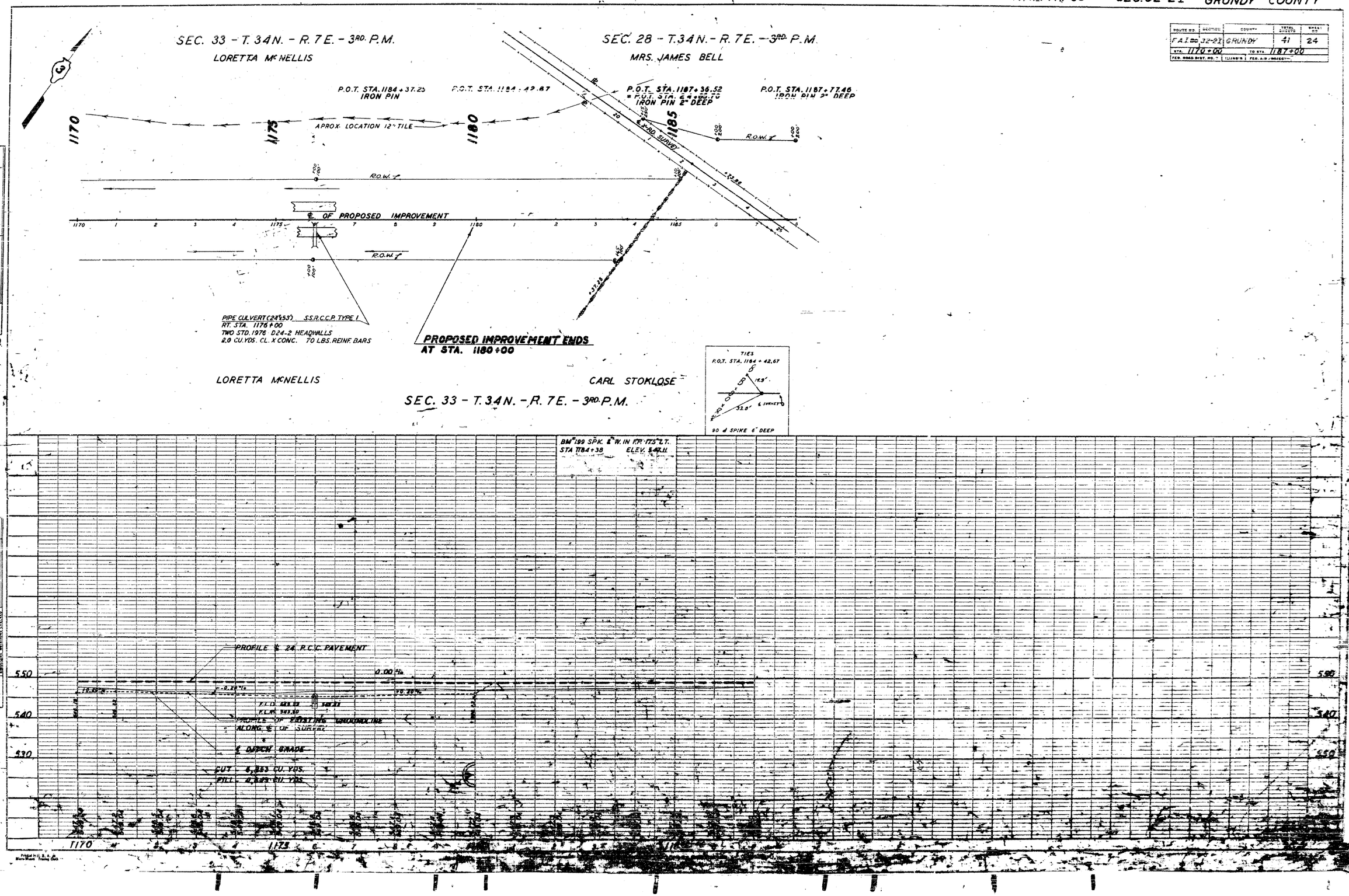
+55.4

+10

CUT - 2,551 CU. YDS.
FILL - 1,970 CU. YDS.
STOCKPILE ON LISBON RD. R.O.W.
1651 CU. YDS. (INCLUDED IN FILL QUANTITIES)

547.6 548.04 | 547.6 548.04 | 547.5 549.04 | 546.8 549.04 | 546.3 549.04 | 546.3 548.04 | 546.8 548.04 | 546.8 548.04 | 547.7 548.04 | 546.6 548.04 | 547.7 548.04 | 547.6 548.04 | 547.1 548.04 | 547.5 548.04 | 547.1 548.04 | 547.4 548.04 | 547.2 548.04 | 547.1 548.04 | 546.9 548.04 | 546.8 548.04 | 546.9 548.04 | 546.8 548.04 | 546.7 549.04 | 546.8 548.04 | 546.7 548.04 | 547.0 548.04

1140 1 2 3 4 1145 6 7 8 9 1150 1 2 3 4 1155 6 7 8 9 1160 1 2 3 4 1165 6 7 8 9 1170

PROFILE
SCALE: HORIZ. 1" = 20' VERT. 1" = 5'
NOTE BOOK No. 1210
SURVEYED: DATE 12-56
PLOTTED: DATE 12-56
DRAWN: DATE 12-56
CHECKED: DATE
DESIGNED: DATE
R.M. 73 72 72-65
LENGTH: ALIGNMENT CHECKED
TO BE BY DESIGNED

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	32-2I	GRUNDY	41	24
STA. 1170+00		TO STA. 1187+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT