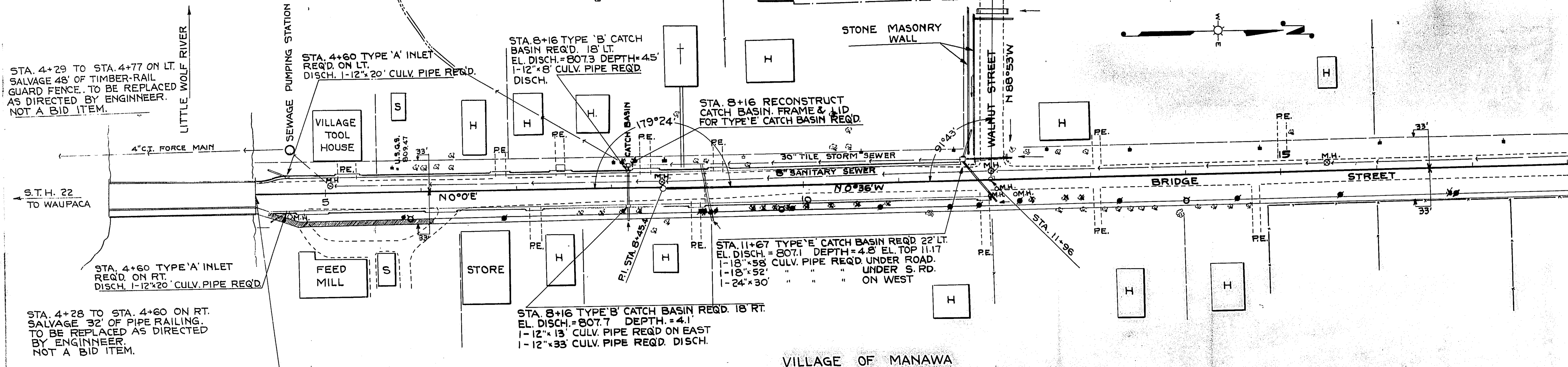


STA. 4+29 TO STA. 4+77 ON LT.
SALVAGE 48' OF TIMBER-RAIL
GUARD FENCE. TO BE REPLACED
AS DIRECTED BY ENGINEER.
NOT A BID ITEM.



VILLAGE OF MANAWA

NET LENGTH OF CENTERLINE STA. 4+26.25 TO STA. 12+00 = 773.75 LIN. FT.
NET LENGTH OF CENTERLINE STA. 12+00 TO STA. 18+00 = 600 LIN. FT.

UNCLASSIFIED EXCAVATION	UNC. EXC.
EMBANKMENT	F
BORROW EXCAVATION	B.
SHRINKAGE	SHG.
PRIVATE ENTRANCE	P.E.
MARSH EXCAVATION	M.
PROPERTY LINE	PL.
SIDE ROADS	S.R.
NOTE: USE 15' RADII ON R.E. APPR.	
USE 25' MINIMUM RADII ON S.R. APPR.	

BEGINNING OF PROJECT S0482 (3)
STA. 4+26.25

UNC. EXC. - 869 C.Y.
F. - 345 C.Y.
WASTE - 408 C.Y.
SHRG. - 33 1/3 %

STA 11+96	REMOVE 18"x18"x36' REINF. CONC. CULV.
-----------	---------------------------------------

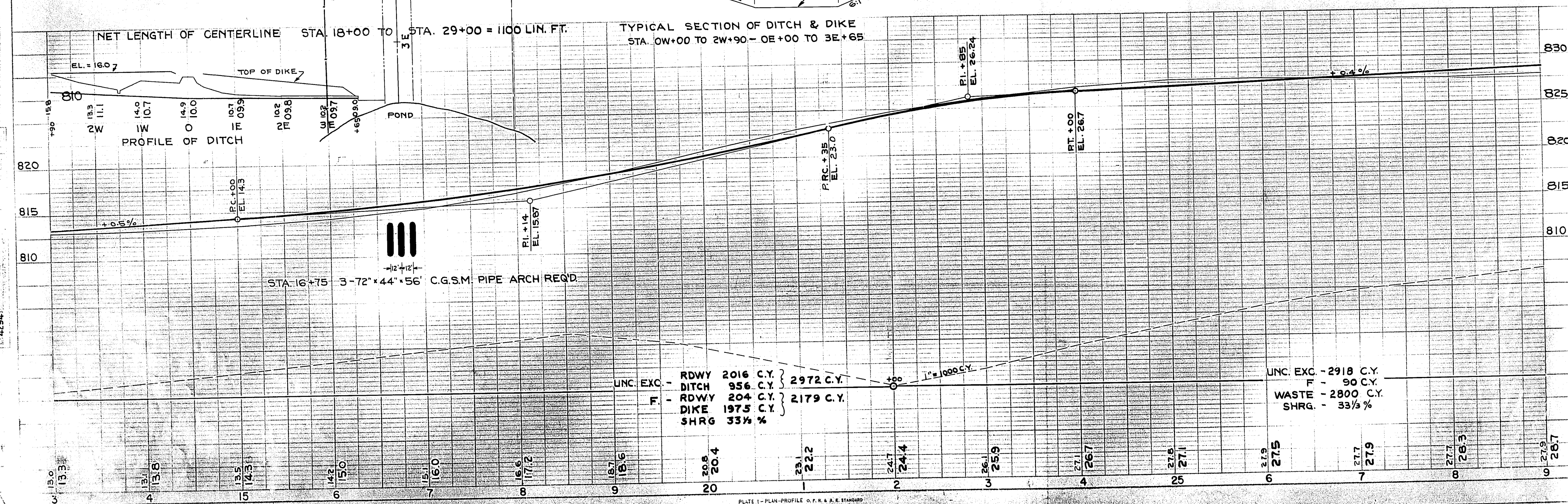
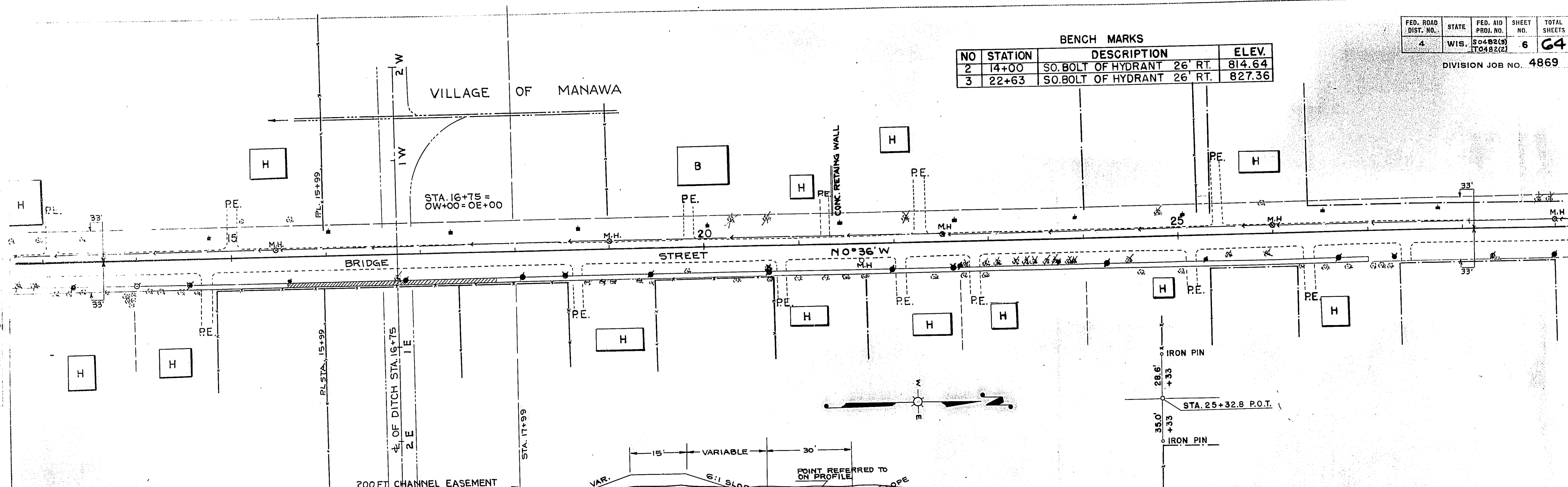
STA. 8+98 REMOVE 18" x 18" x 36' REINF. CONC. CULV.
STA. 9+04 12" x 60' CULV. PIPE REQD.
TO BE TAPPED INTO 30" STORM SEWER

PLAN LEGEND
CURB & GUTTER TO BE CONSTRUCTED
CONCRETE SIDEWALK IN PLACE
PERFORATED CORR. GAL. SH. METAL
CULV. PIPE UNDER DRAIN "6"
UNCLASSIFIED EXCAVATION
HYDRANT IN PLACE
MANHOLE IN PLACE
CONCRETE SIDEWALK TO BE REMOVED

PLATE 1-PLAN-PROFILE B. F. ALSTANDAR
LUCINE RITZGEN CO. CHICAGO, ILL.

DIVISION JOB NO. 4869

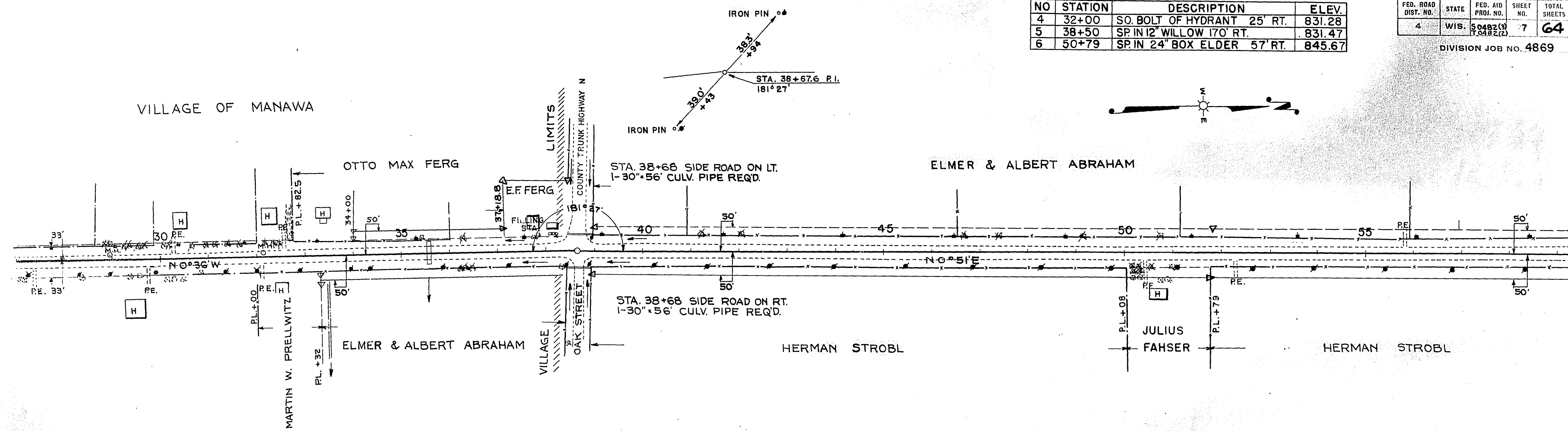
NO	STATION	DESCRIPTION	ELEV.
2	14+00	SO. BOLT OF HYDRANT 26' RT.	814.64
3	22+63	SO. BOLT OF HYDRANT 26' RT.	827.36



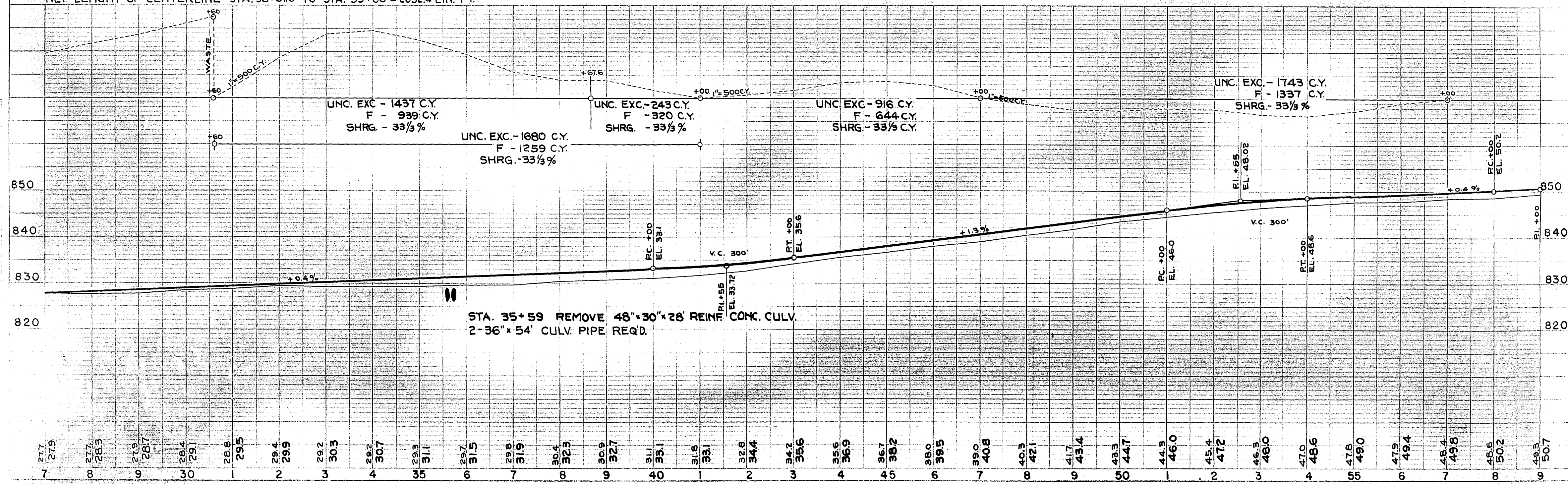
BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
4	32+00	SO. BOLT OF HYDRANT 25' RT.	831.28
5	38+50	SP. IN 12' WILLOW 170' RT.	831.47
6	50+79	SP. IN 24' BOX ELDER 57' RT.	845.67

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	50482(3)	7	64

DIVISION JOB NO. 4869



NET LENGTH OF CENTERLINE STA. 29+00 TO STA. 38+67.6 = 967.6 LIN. FT.
 NET LENGTH OF CENTERLINE STA. 38+67.6 TO STA. 59+00 = 2032.4 LIN. FT.



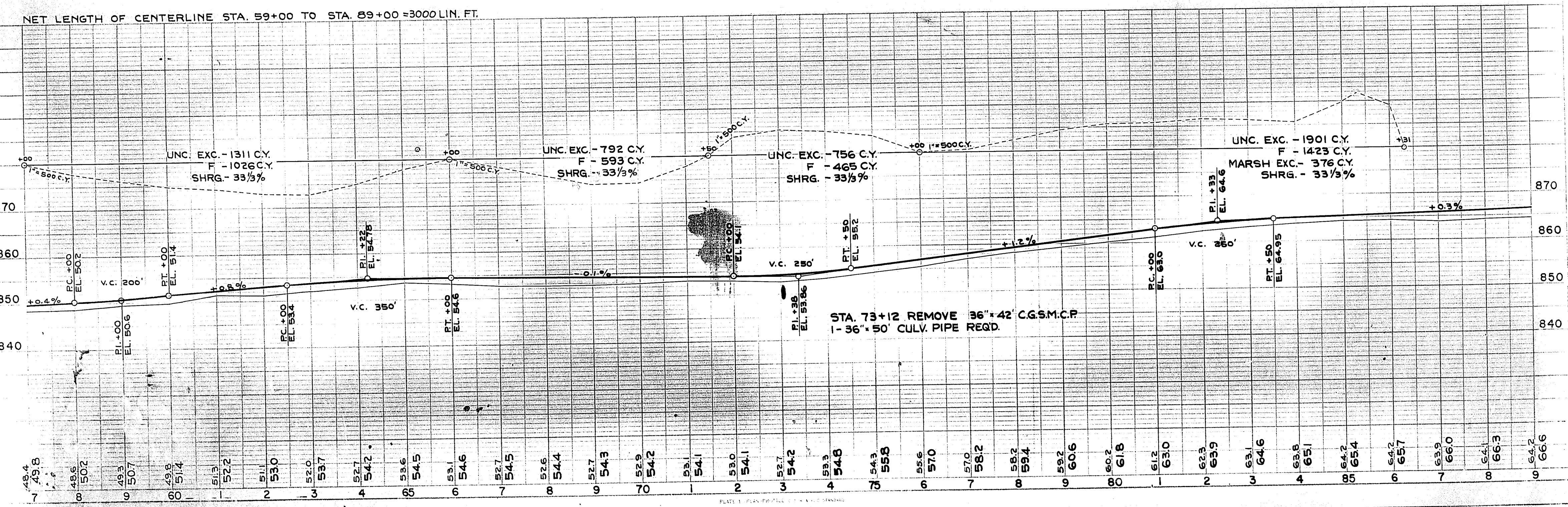
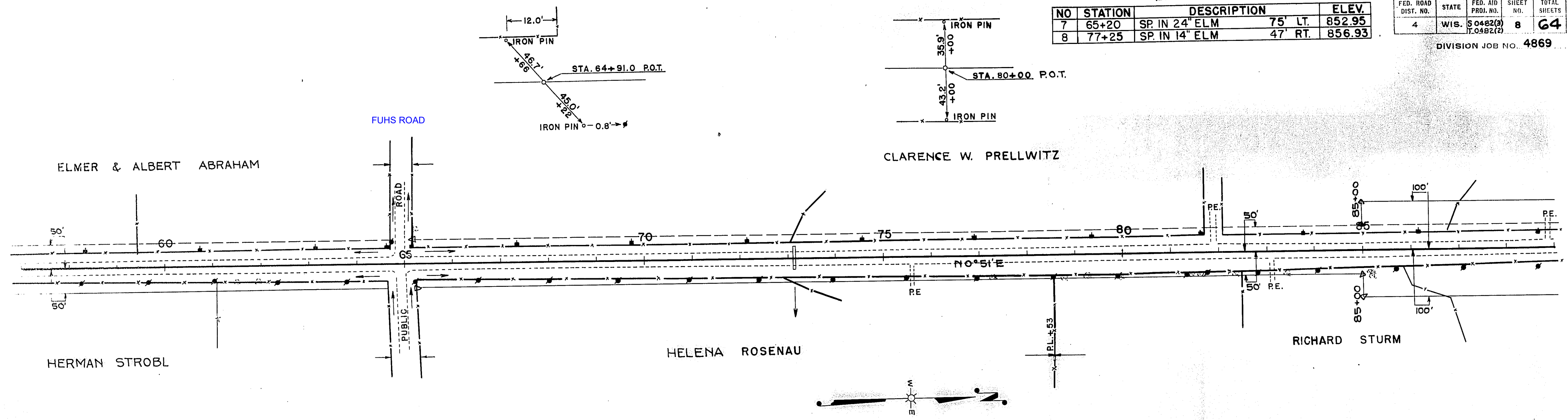
PLAN
 SURVEYED
 PLOTTED
 NOTE BOOK
 ALGAMAY
 NO. 4293

PROFILE
 SURVEYED
 PLOTTED
 NOTE BOOK
 ALGAMAY
 NO. 4294

NO	STATION	DESCRIPTION	ELEV.
7	65+20	SP. IN 24" ELM	75' LT. 852.95
8	77+25	SP. IN 14" ELM	47' RT. 856.93

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	50482(2)	8	64

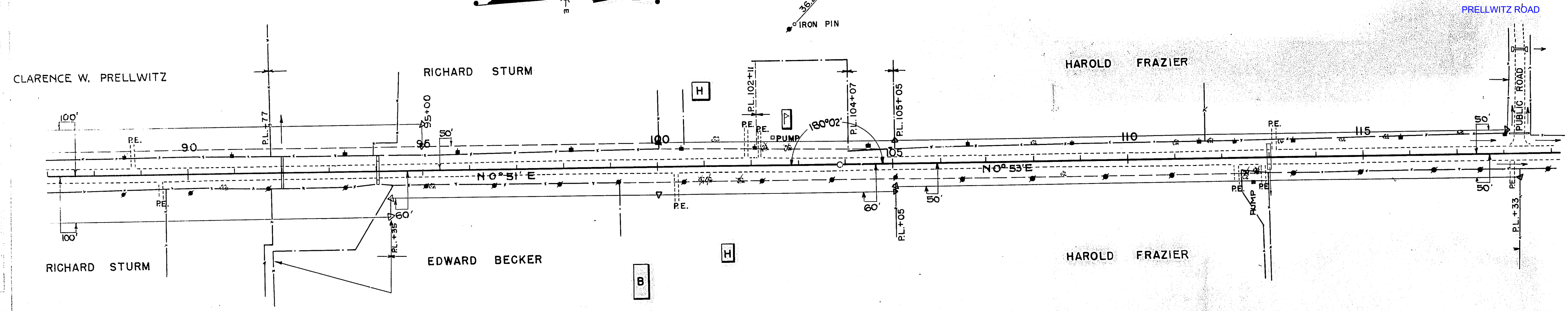
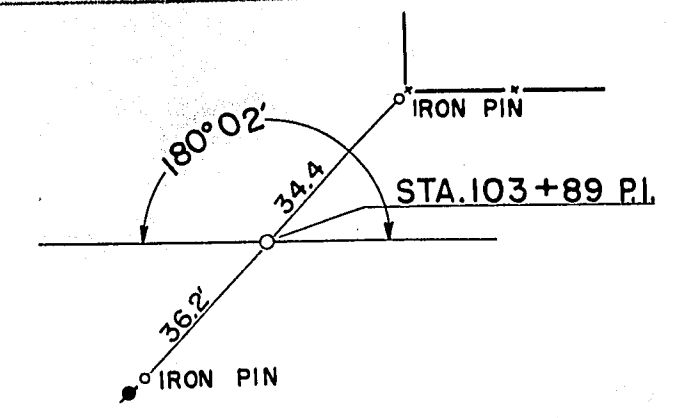
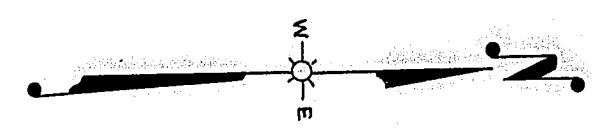
DIVISION JOB NO. 4869



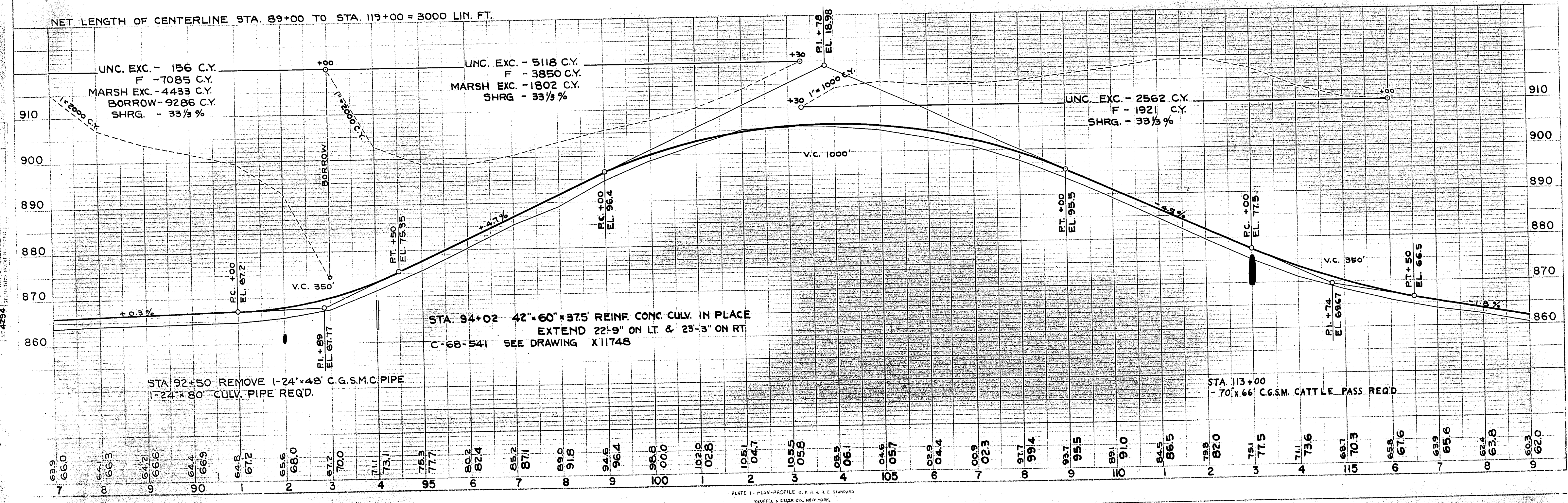
BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
9	90+76	SP IN 14" OAK TREE 29' RT.	864.72
10	95+15	SP IN 28" OAK TREE 32' RT.	877.79
11	102+78	X N.E. COR. TOP STEP	910.77
12	118+35	SP IN 14" ELM TREE 57' RT.	861.10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	50482(3) 70482(2)	9	64

DIVISION JOB NO. 4869



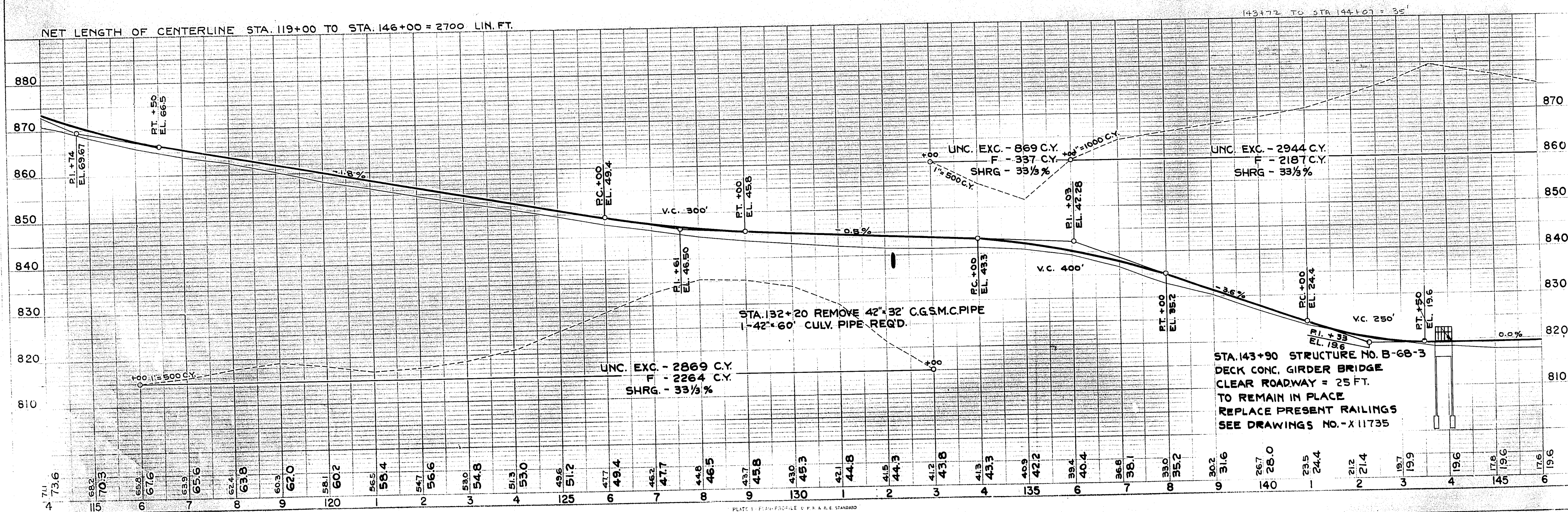
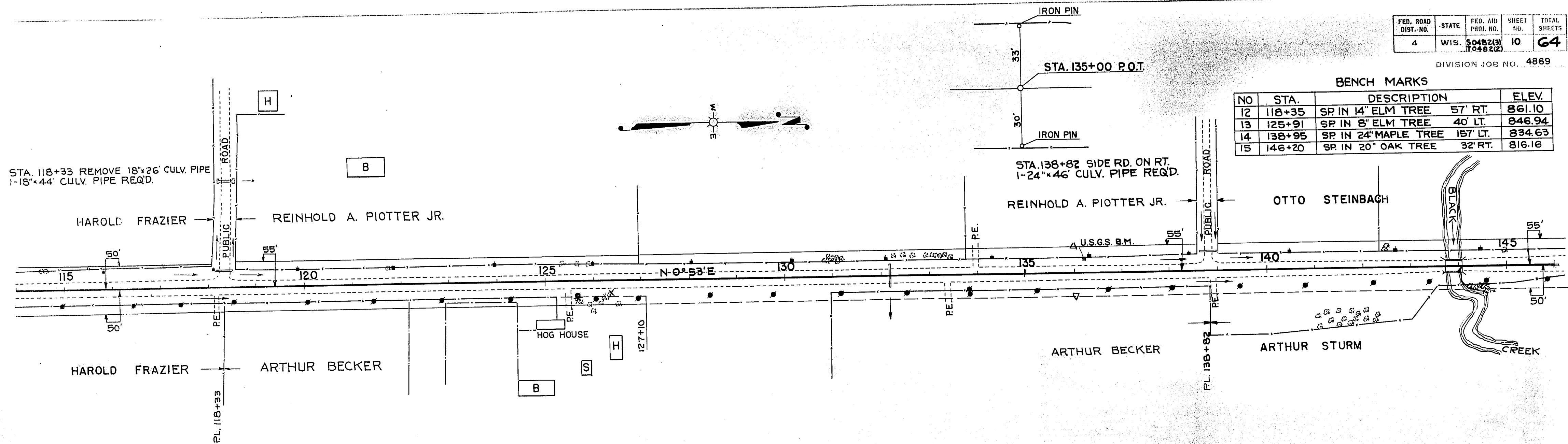
NET LENGTH OF CENTERLINE STA. 89+00 TO STA. 119+00 = 3000 LIN. FT.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	S0482(3) T0482(2)	10	64

DIVISION JOB NO. **4869**

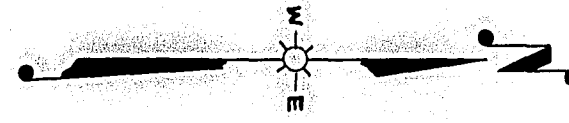
NO	STA.	DESCRIPTION	ELEV.
12	118+35	SP IN 14" ELM TREE 57' RT.	861.10
13	125+91	SP IN 8" ELM TREE 40' LT.	846.94
14	138+95	SP IN 24" MAPLE TREE 157' LT.	834.63
15	146+20	SP IN 20" OAK TREE 32' RT.	816.16



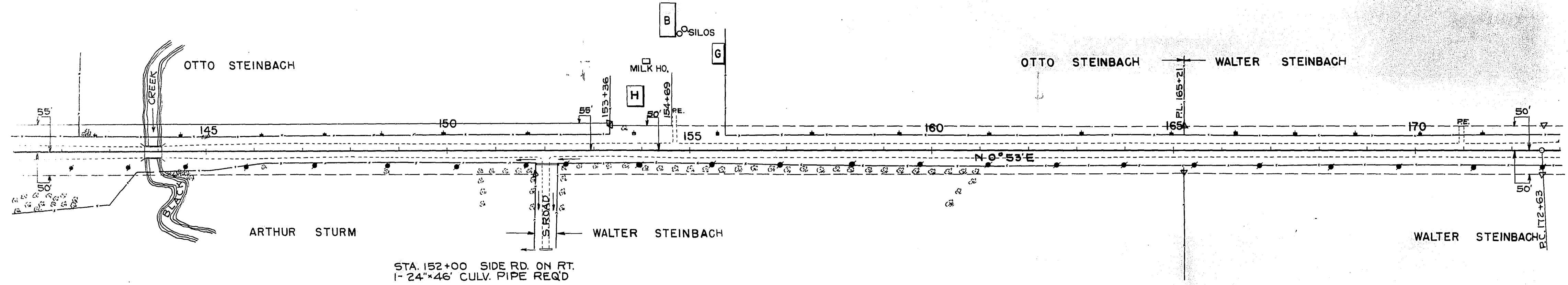
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	S0482(3) T0482(2)	11	64

DIVISION JOB NO. 4869

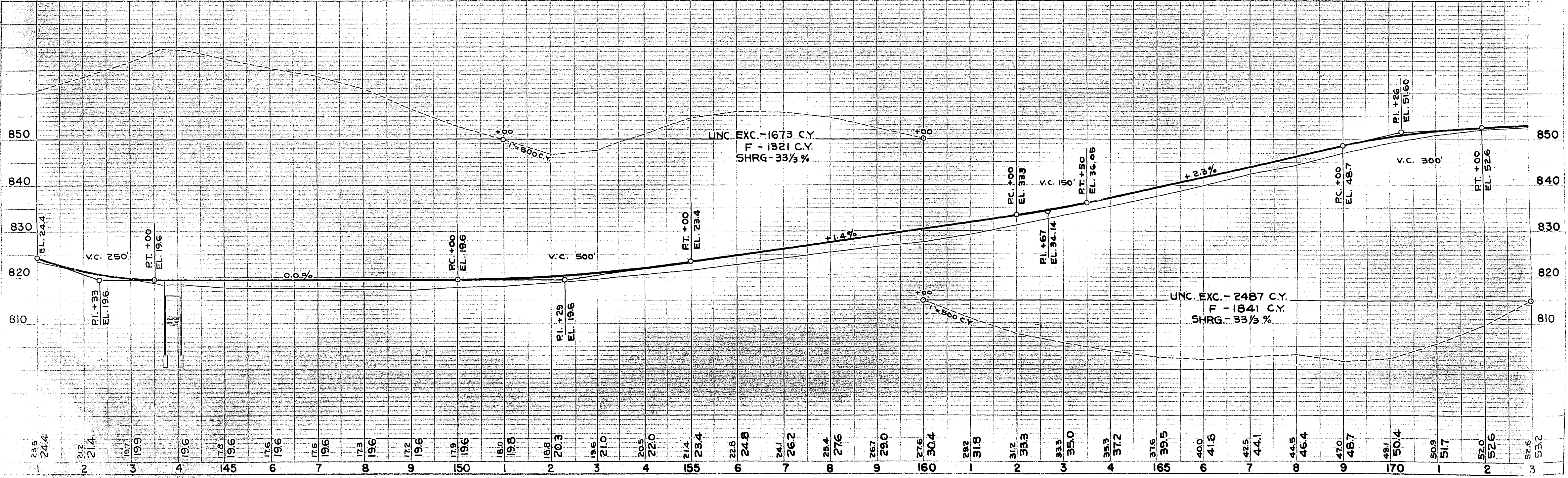
BENCH MARKS				
NO	STA.	DESCRIPTION	ELEV.	
15	146+20	SP. IN 20" OAK TREE 32 RT.	816.16	
16	160+75	SP. IN 12" BASS TREE 40 LT.	827.66	



PLAN
DATE
NOTE BOOK
4293



NET LENGTH OF CENTERLINE STA. 146+00 TO STA. 173+00 = 2700 LIN. FT.



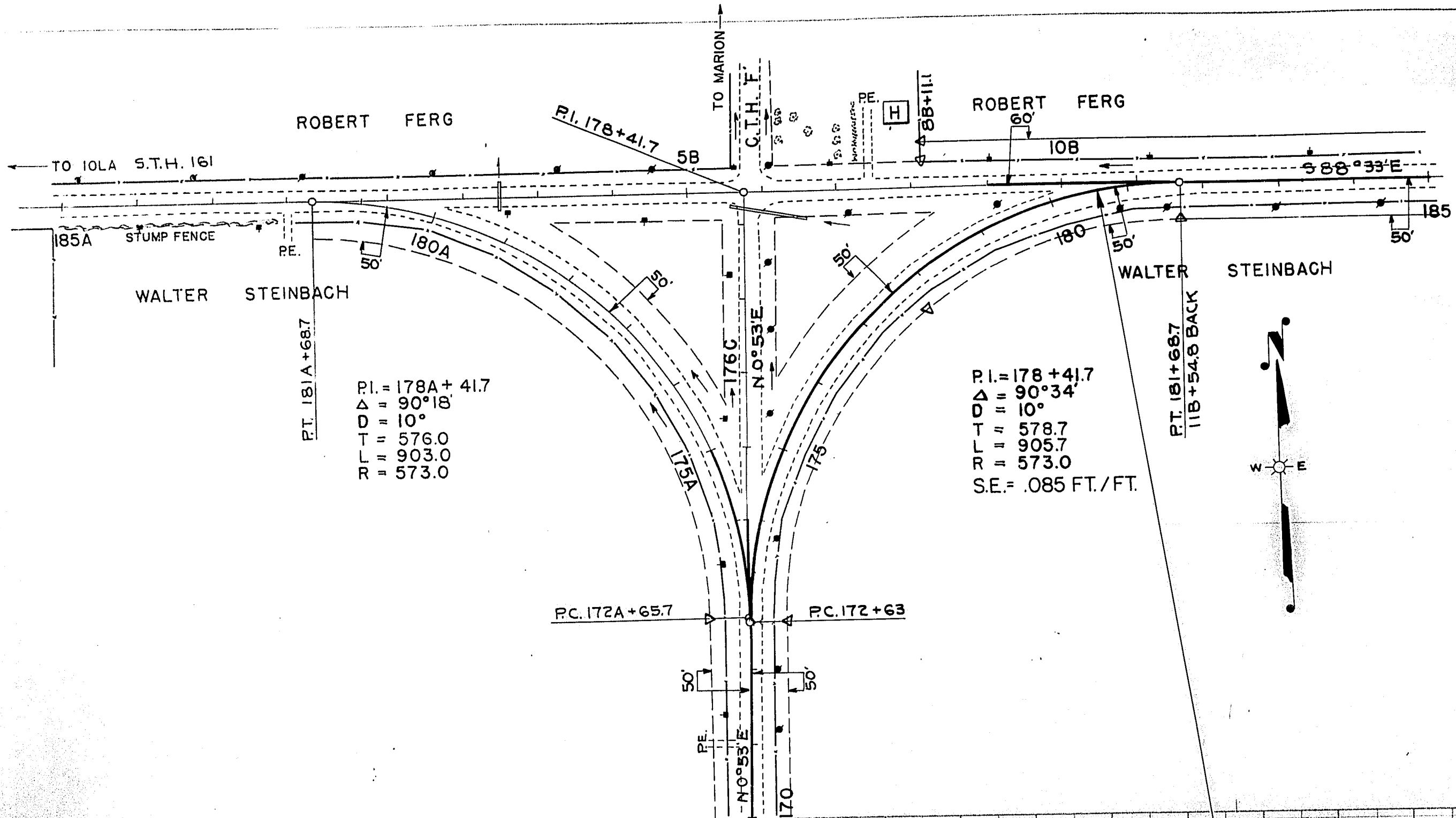
PROFILE
DATE
NOTE BOOK
4294

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	S 0482(3) T 035(4)	12	64

DIVISION JOB NO. 4869

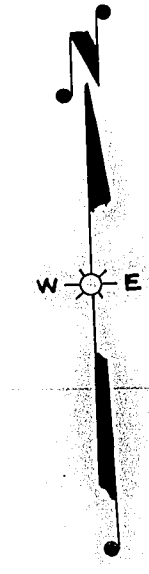
BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
17	175+00	SP IN POWER POLE 31' LT.	852.55



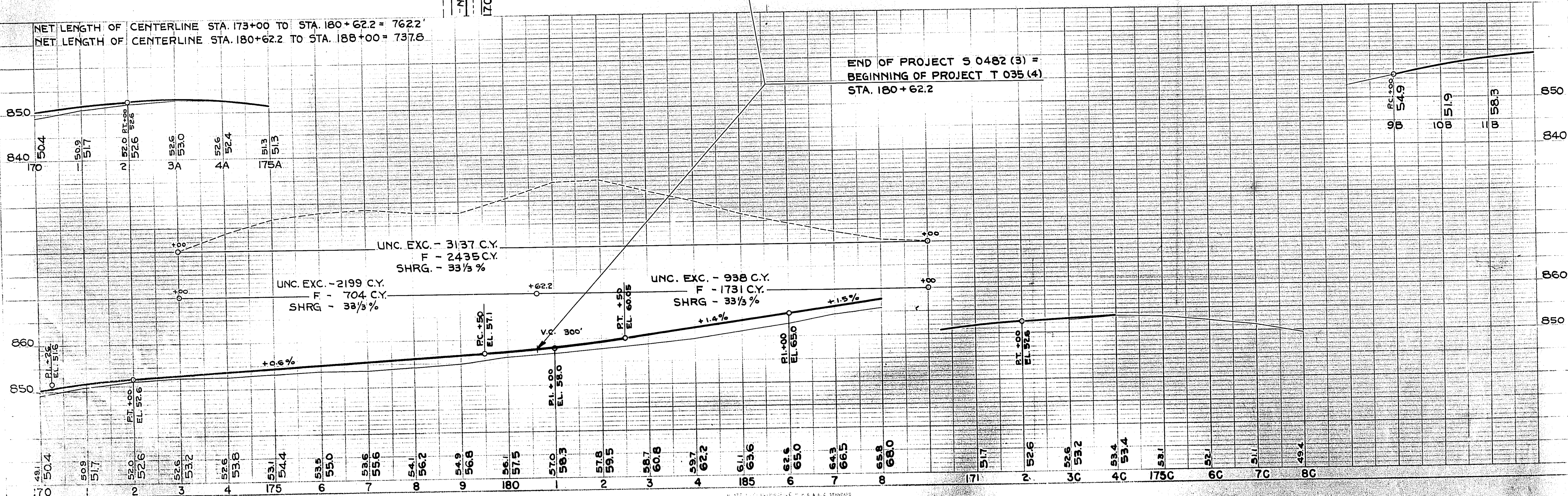
P.I. = 178A+41.7
Δ = 90°18'
D = 10°
T = 576.0
L = 903.0
R = 573.0

P.I. = 178+41.7
Δ = 90°34'
D = 10°
T = 578.7
L = 905.7
R = 573.0
SE = .085 FT./FT.



NET LENGTH OF CENTERLINE STA. 173+00 TO STA. 180+62.2 = 762.2'
NET LENGTH OF CENTERLINE STA. 180+62.2 TO STA. 188+00 = 737.8

END OF PROJECT S 0482 (3) =
BEGINNING OF PROJECT T 035 (4)
STA. 180+62.2



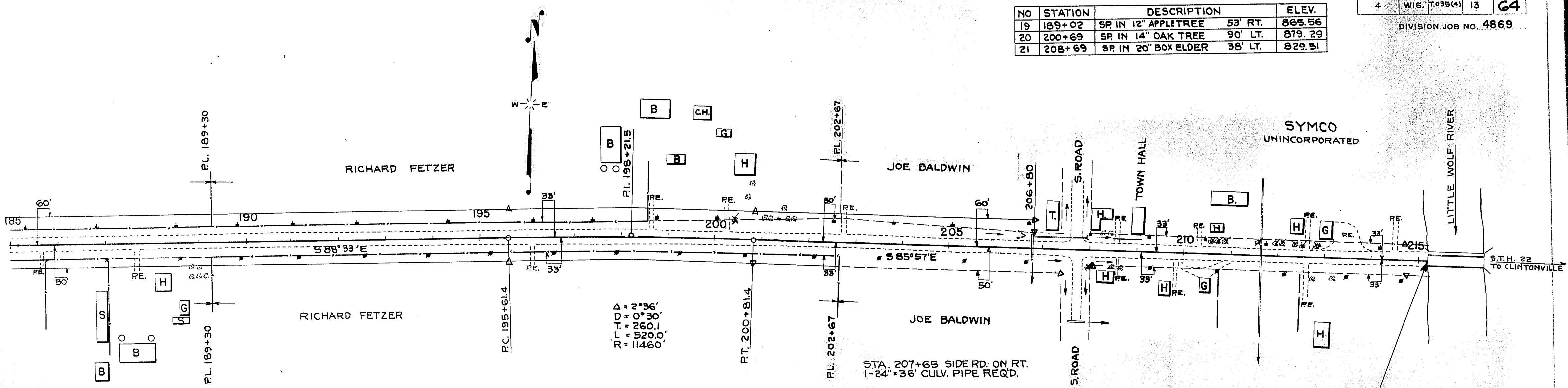
PLAN
NO. 4893
DATE
BY
S.W.B.
J.A.C.
CHECKED
DATE

PROFILE
DATE
BY
S.W.B.
J.A.C.
CHECKED
DATE

BENCH MARKS				
NO	STATION	DESCRIPTION		ELEV.
19	189+02	SP IN 12" APPLE TREE	53' RT.	865.56
20	200+69	SP IN 14" OAK TREE	90' LT.	879.29
21	208+69	SP IN 20" BOX ELDER	38' LT.	829.51

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	T035(4)	13	64

DIVISION JOB NO. 4869



NET LENGTH OF CENTERLINE STA. 188+00 TO STA. 215+20.3 = 2720.3 LIN. FT.

