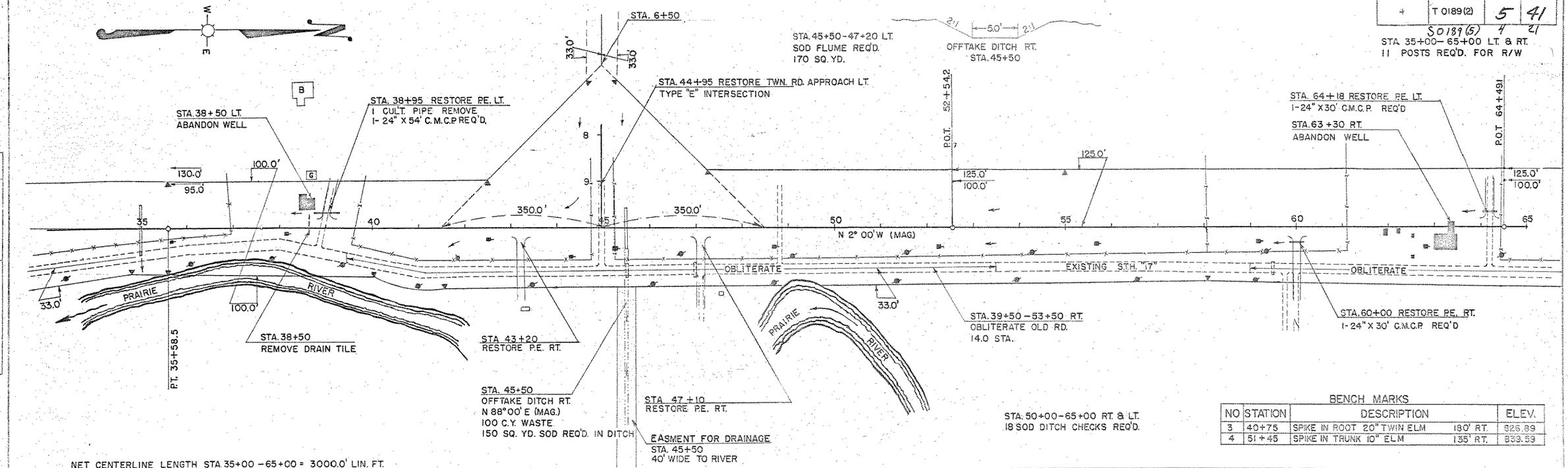
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(2)	5	41
	S0189(5)	4	21

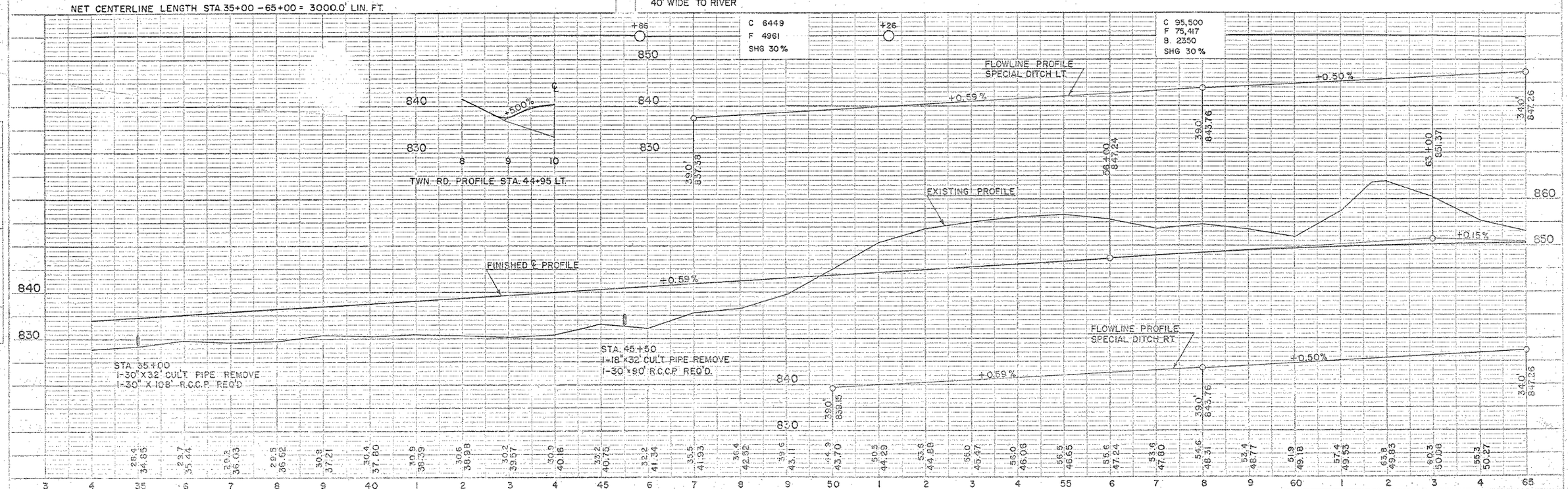
STA. 35+00 – 65+00 LT. & RT.
11 POSTS REQ'D. FOR R/W



BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
3	40+75	SPIKE IN ROOT 20" TWIN ELM	180' RT.	826.89
4	51+45	SPIKE IN TRUNK 10" ELM	135' RT.	839.59

NET CENTERLINE LENGTH STA. 35+00 – 65+00 = 3000.0' LIN. FT.



PLAN & PROFILE STA. 35+00 – 65+00

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT STATE	CLASS AND AGREEMENT FEDERAL	B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
35.2 34.2	189.0 189.0		11.5 11.6	4 WIS.	1	21

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. 2 MISCELLANEOUS QUANTITIES
SHEET NO. – RIGHT OF WAY PLAT
SHEET NO. 3-20 PLAN AND PROFILE STA. 5+15 / 332+05 TO STA. 332+05 / 506+00
SHEET NO. 21 STANDARD DETAILS
SHEET NO. – DRAINAGE STRUCTURES
SHEET NO. – CROSS SECTIONS

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

DUDLEY-EAST COUNTY LINE ROAD

S.T.H. 17 LINCOLN COUNTY PROJECT S 0189(5)

WEST COUNTY LINE-NORTH COUNTY LINE ROAD

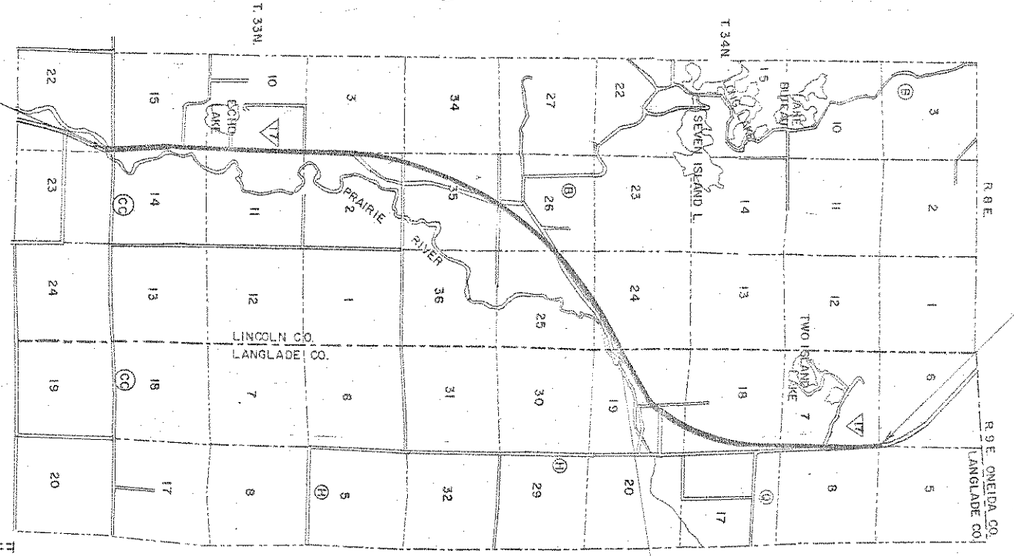
S.T.H. 17 LANGLADE COUNTY PROJECT S 0189(6)

S.T.H. 17

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.

N

STA. 5+15 =
BEGINNING OF PROJECT S 0189(5)
= STA. 844+62 DIV. JOB 7056
± 180' S. & 151.4' E. OF S.W. SEC. COR.,
SEC. 14, T. 33N., R. 8E.



STA. 506+00 =
END OF PROJECT S 0189(6)
= STA. 25+68 DIV. JOB 7095
± 685' N. & ± 238' W. OF N.E. SEC. COR.
OF SEC. 7, T 34N., R. 9 E.

STA. 332+05 =
BEGINNING OF PROJECT S 0189(6)
= END OF PROJECT S 0189(5)
± 1065' S. OF THE W. 1/4 COR.
OF SEC. 19, T. 34N., R. 9E.

CONVENTIONAL SIGNS

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 — P.L. + 32.6
TRAVELED WAY OR R.E.
RAILROADS
BASE OR SURVEY LINE — 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY — 361.7 / 359
MARSH
HEDGE
TREES
GROUND ELEVATION ..... DATUM LINE — 739
GRADE ELEVATION ..... DATUM LINE — 756

LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 6.191 MI. S 0189(5)
3.295 MI. S 0189(6)
TOTAL 9.486

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR J. KAY NOTE BOOK 35.76
DIVISION COMPUTER E.S. M. O. CHECKER R.L.
DISTRICT CHECKER T.S. CORRECT

CORRECT:
DATE 7-11-61 Max Smith DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 7-8-61 J. L. Pfiffner CHIEF ENGINEER, DIVISION

APPROVED:
DATE 7-18-61 E. C. Rustman STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: DATE

DIVISION ENGINEER

S 0189(5) & (6)

D.A.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189 (2)	4	41
	S0189(5)	3	21

STA. 6+95 RESTORE TWN. RD. APPR. LT.
1-30"X32' CULT. PIPE-REMOVE
1-30"X38' C.M.C.P. REQ'D.
TYPE "E" INTERSECTION

P.I. - 10+28.9
Δ - 8° 36' LT.
D - 1° 00'
T - 430.8
L - 860.0'
SE - 0.03'/FT.
TRANS. 200.0'

STA. 5+15 - 15+00 LT.
SOD DITCH REQ'D.
1642 SQ. YD.

STA. 14+95 LT.
TEMPORARY DITCH DAM REQ'D.
1 CU. YD. RIPRAP REQ'D.

STA. 15+00 - 25+00 LT.
15 SOD DITCH CHECKS REQ'D.

STA. 11+00 - 17+00 LT
OBLITERATE OLD RD.
6.0 STA.

OFFTAKE DITCH LT.
STA. 31+00 - 35+00

STA. 5+00 - 35+00 LT. & RT.
16 POSTS REQ'D. FOR R/W

STA. 26+26 RESTORE P.E. LT.
1-24"X30' C.M.C.P. REQ'D.

STA. 31+00 - 35+00
OFFTAKE DITCH LT. 125 C.Y. WASTE
5 SOD DITCH CHECKS REQ'D.

RIVER
PRAIRIE
OBLITERATE
EXISTING S.T.H. 17
N 1° 12' W. (MAG)
N 9° 48' W. (MAG)
60.0' TO ℄ OF OLD ROAD
P.C. 5+98.1
P.T. 14+58.1
P.C. 25+18.7

STA. 5+15 BEGIN PROJECT T0189(2) & S0189(5)

STA. 5+15 FOUR BRIDGE CORNERS LT. & RT.
STEEL PLATE BEAM GUARD REQ'D.
3 PANELS & 2 TERMINALS AT
EACH CORNER - 162 LIN. FT.

STA. 9+00 RESTORE P.E. RT.

STA. 7+15 WOODEN STAKE 48.0' RT.
RESTORE SECTION CORNER

P.I. - 30+39.2
Δ - 7° 48' RT.
D - 0° 45'
T - 520.8'
L - 1040.0'
SE - 0.02'/FT.
TRANS. - 200.0'

STA. 28+50 - 32+30 RT.
OBLITERATE OLD RD.
3.8 STA.

STA. 32+49 RESTORE
TWN. RD. APPROACH RT.
TYPE "E" INTERSECTION

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
1	3+35	SPIKE IN TRUNK 24" WHITE PINE 35' RT.	800.00
1A	13+75	SPIKE IN ROOT 12" MAPLE 75' LT.	814.00
1B	22+40	SPIKE IN TRUNK 14" POPLAR 105' RT.	822.20
2	29+45	SPIKE IN ROOT 24" WHITE PINE 105' RT.	826.55

NET CENTERLINE LENGTH STA. 5+15 - 35+00 = 2985.0 LIN. FT.

C 39,141
F 28,966
SHG. 35 %

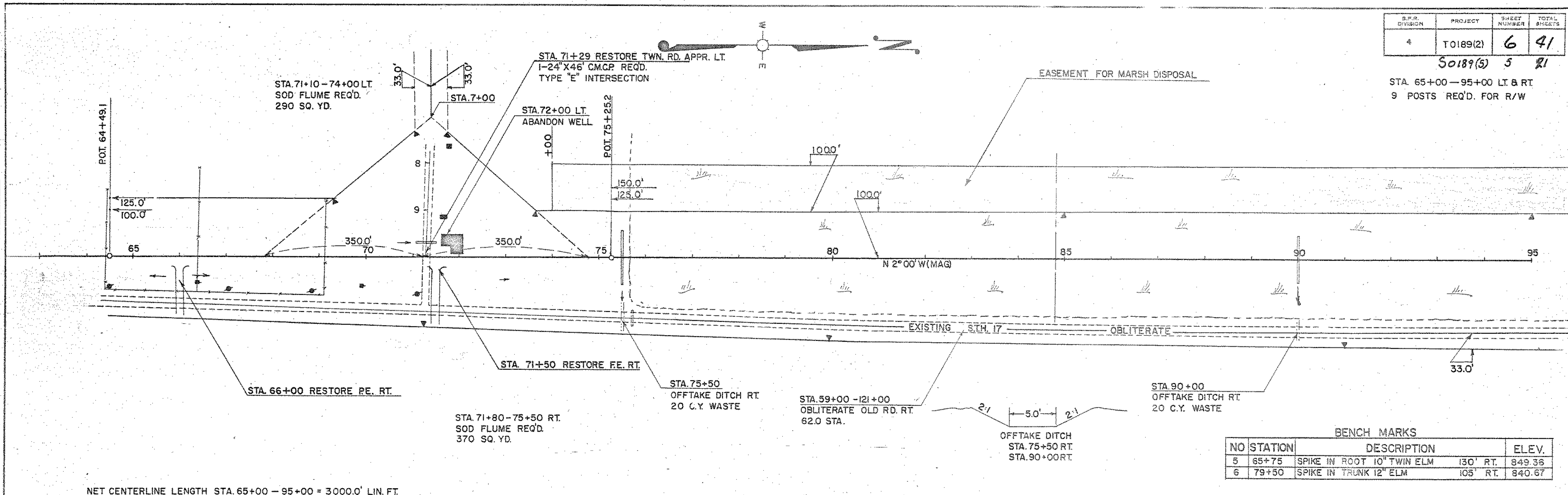
EXISTING PROFILE ℄
FINISHED ℄ PROFILE
+0.20%
+1.66%
+0.59%
-5.00%
STA. 15+00
1-24"x68' C.M.C.P. REQ'D.

TWN. RD. PROFILE STA. 6+95 LT.
TWN. RD. PROFILE STA. 32+49 RT.

STA.	ELEV.
5+15	800.57
6+00	801.14
11+00	806.72
10+85	806.44
22+00	827.18
35+00	833.67

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(2)	6	41
	S0189(5)	5	21

STA. 65+00 — 95+00 LT. & RT.
9 POSTS REQ'D. FOR R/W

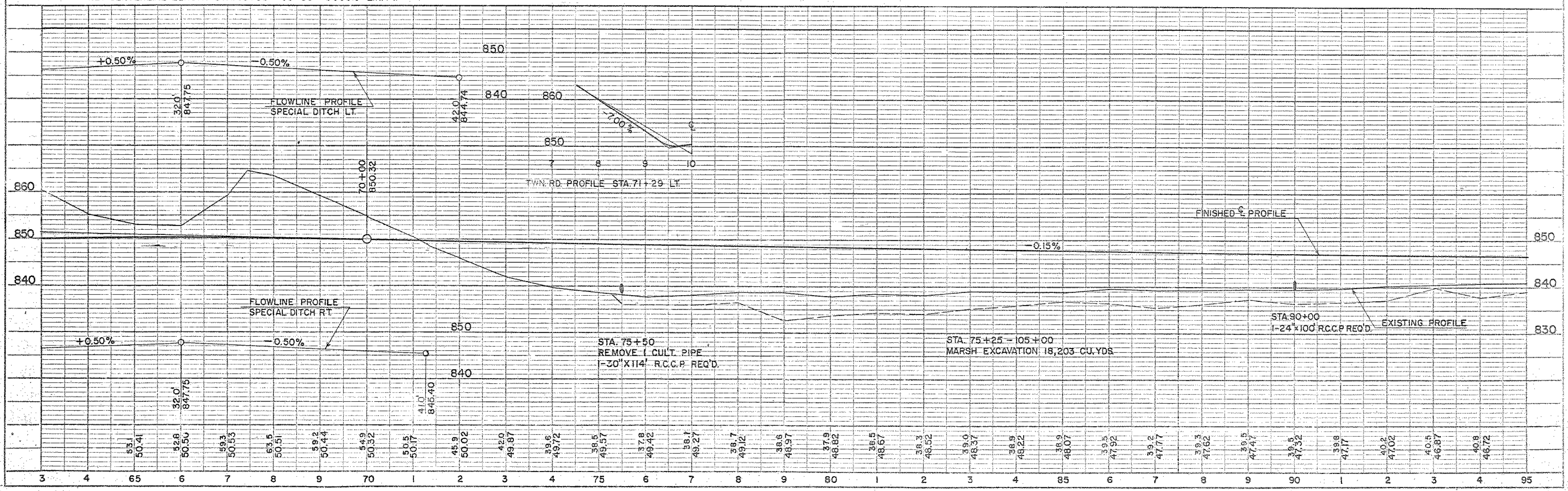


BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
5	65+75	SPIKE IN ROOT 10" TWIN ELM	130' RT.	849.36
6	79+50	SPIKE IN TRUNK 12" ELM	105' RT.	840.67

PLAN	SURVEYED	J.S.K.	57
NOTE BOOK No. 857.6	PLOTTED	M.S.H.	60
	ALIGNMENT CHECKED	P.M.J.	60
	RT. OF WAY CHECKED	M.S.H.	60

NET CENTERLINE LENGTH STA. 65+00 — 95+00 = 3000.0' LIN. FT.

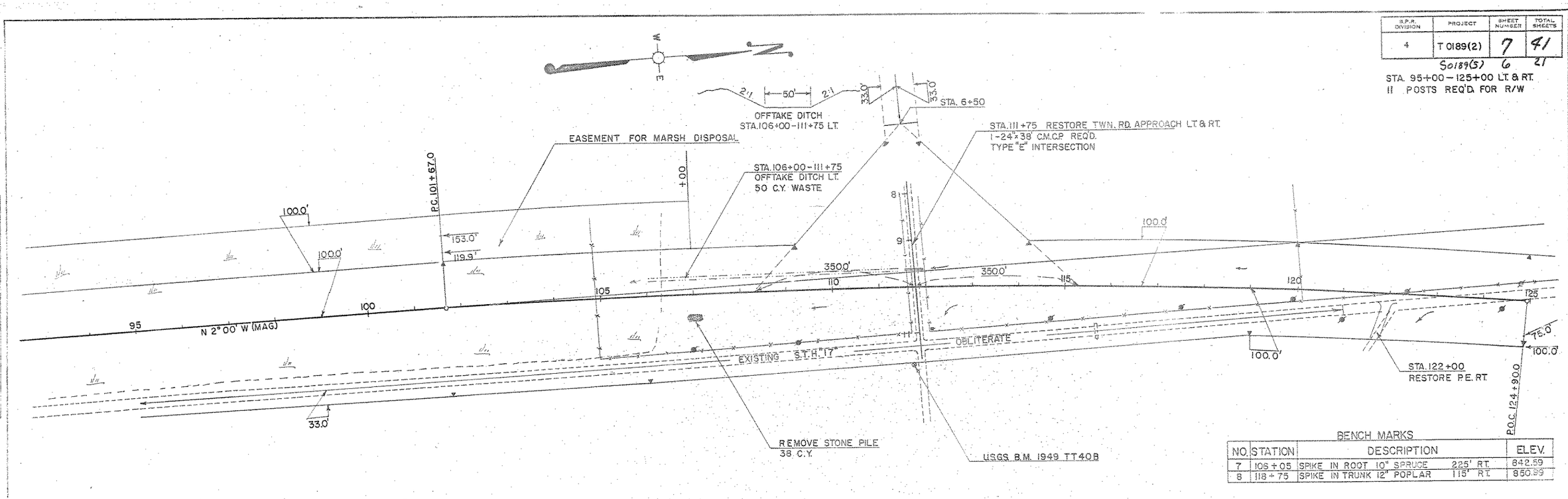


PROFILE	SURVEYED	J.S.K.	57
NOTE BOOK No. IBM	PLOTTED	J.S.K.	60
	GRADES CHECKED	M.S.H.	60
	B.M.'S NOTED	P.M.J.	60
	STRUCTURE NOTATIONS CH'KD.		

PLATE 1—PLAN PROFILE S. P. R. STANDARD
FREDERICK POST CO., CHICAGO

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(2)	7	41
	S0189(5)	6	27

STA. 95+00 – 125+00 LT. & RT.
11 POSTS REQ'D. FOR R/W



BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
7	105+05	SPIKE IN ROOT 10" SPRUCE	225' RT.	842.59
8	118+75	SPIKE IN TRUNK 12" POPLAR	115' RT.	850.99

NET CENTERLINE LENGTH STA. 95+00 – 125+00 = 3000.0 LIN. FT.

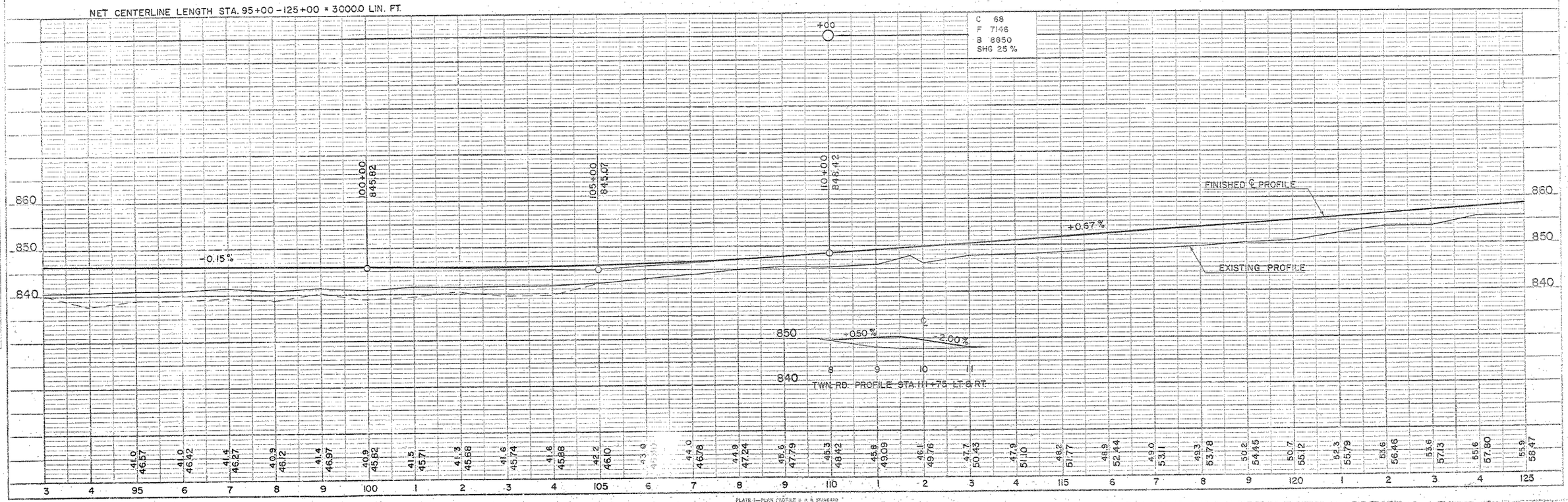
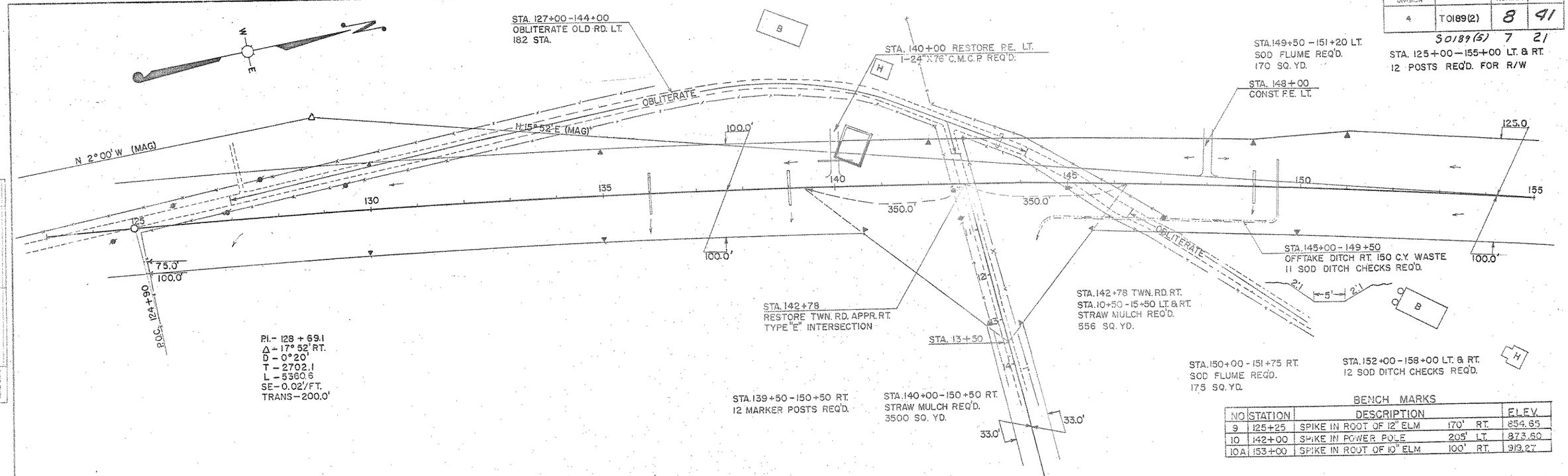


PLATE 1—PLAN PROFILE U. P. R. STANDARD
FREDERICK POST CO., CHICAGO

PLAN & PROFILE STA. 95+00–125+00

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(2)	8	41

S0189(5) 7 21



BENCH MARKS

NO	STATION	DESCRIPTION			ELEV.
9	125+25	SPIKE IN ROOT OF 12" ELM	170'	RT.	854.65
10	142+00	SPIKE IN POWER POLE	205'	LT.	873.60
10A	153+00	SPIKE IN ROOT OF 10" ELM	100'	RT.	919.27

PLAN & PROFILE STA. 125+00 - 155+00

D.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(2)	9	41
	S 0189(5)	8	21

STA. 163+65 – 165+30 LT.
STRAW MULCH REQ'D.
825 SQ. YD.

STA. 164+00 – 165+50 LT.
4 MARKER POSTS REQ'D.

STA. 162+80 – 166+80 LT. & RT.
SOD FLUME REQ'D.
400 SQ. YD. LT.
400 SQ. YD. RT.

STA. 175+00 – 177+00 LT. & RT.
6 SOD DITCH CHECKS REQ'D.

STA. 177+00 – 182+00 LT.
SOD FLUME REQ'D.
500 SQ. YD.

STA. 155+00 – 185+00 LT. & RT.
13 POSTS REQ'D. FOR R/W

STA. 177+00 CONST. F.E. LT.
1-24"X30' C.M.C.P. REQ'D.

STA. 182+52 RESTORE
TWN. RD. APPR. LT.
TYPE "E" INTERSECTION

P.O.T. 166+72.5

125.0'
150.0'
125.0'
125.0'
100.0'
100.0'
125.0'

155 160 165 170 175 180 185

350.0' 108°11' 350.0'

N 15° 52' E (MAG)

STA. 155+00 CONST. P.E. RT.
1-24"X30' C.M.C.P. REQ'D.

236.95
267.45

P.T. 155+27.6

STA. 146+00 – 184+00
OBLITERATE OLD RD. RT.
40.0 STA.

STA. 168+45 CONST. TWN. RD. APPR. RT.
TYPE "E" INTERSECTION

OBLITERATE

50.0' 50.0'

STA. 13+50

H. B.

EXISTING S.T.H. 17

STA. 15+00 RESTORE P.E. LT.
1-24"X30' C.M.C.P. REQ'D.
LOCATE 33.0' FROM ℄ OF
EXISTING S.T.H. 17

STA. 177+00 – 180+00 RT.
SOD FLUME REQ'D.
300 SQ. YD.

STA. 163+65 – 165+30 RT.
STRAW MULCH REQ'D.
917 SQ. YD.

STA. 163+50 – 165+50 RT.
5 MARKER POSTS REQ'D.

STA. 168+45 TWN. RD. RT.
STA. 10+50 – 15+50 LT. & RT.
STRAW MULCH REQ'D.
2778 SQ. YD.

BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
11	163+30	SPIKE IN TRUNK 18" HARD MAPLE	200' LT.	910.27
12	175+80	SPIKE IN TRUNK 12" MAPLE	150' LT.	912.35

NET CENTERLINE LENGTH STA. 155+00 – 185+00 = 3000.0 LIN. FT.

C 90,753
F 72,587
SHG 25%

FLOWLINE PROFILE
SPECIAL DITCH LT.

160 +00 916.78
320' 900.96
-0.50%
360' 900.11
+0.50%
350' 901.28
320' 901.98

+2.33%
-1.08%

STA. 165+00
1-30"X148" CLASS IV
R.C.C.P. REQ'D.

FLOWLINE PROFILE
SPECIAL DITCH RT.

EXISTING PROFILE

FINISHED ℄ PROFILE

STA. 169+00
1-24"X88' R.C.C.P. REQ'D.

176+00 895.50
-3.00%

TWN. RD. PROFILE STA. 168+45 RT.

STA. 178+00
1-72"X80' R.C. CATTLE PASS REQ'D.

+5.00%

TWN. RD. PROFILE STA. 182+52 LT.

STA. 182+00
1-24"X120' R.C.C.P. REQ'D.

910 900 890 880

3 4 155 6 7 8 9 160 1 2 3 4 165 6 7 8 9 170 1 2 3 4 175 6 7 8 9 180 1 2 3 4 185

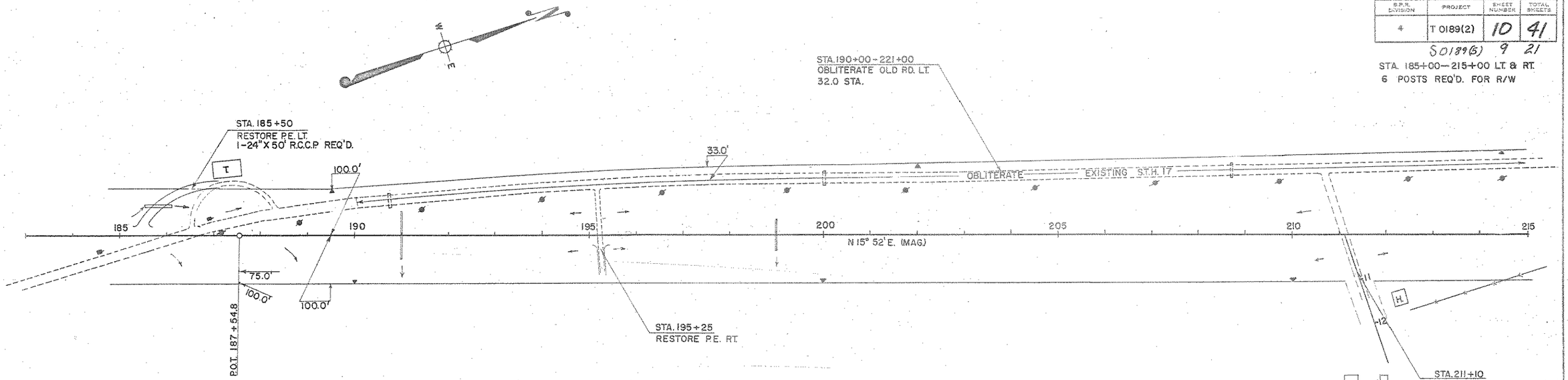
13.2 98.68 | 15.8 99.79 | 16.5 00.79 | 17.8 01.69 | 19.0 02.16 | 19.7 03.14 | 20.1 03.71 | 19.9 04.78 | 10.7 04.54 | 8.5.5 04.79 | 8.1.3 04.93 | 9.7.7 04.97 | 15.1 04.90 | 14.0 04.73 | 9.7.2 04.45 | 8.6.7 04.06 | 14.1 03.57 | 17.1 02.97 | 17.3 02.26 | 17.7 01.45 | 16.1 00.53 | 21.5 99.50 | 9.7.8 98.42 | 8.6.7 97.34 | 8.5.3 96.26 | 8.3.6 95.18 | 8.1.7 94.10 | 8.0.5 93.02 | 8.0.0 91.94 | 7.9.6 90.86

PLATE 1—PLAN PROFILE S. P. R. STANDARD
FREDERICK POST CO., CHICAGO

PLAN & PROFILE STA. 155+00 – 185+00

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(2)	10	41
	S0189(6)	9	21

STA. 185+00—215+00 LT. & RT.
6 POSTS REQ'D. FOR R/W



BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
13	186+60	SPIKE IN TRUNK 14" HARD MAPLE 115' LT.	882.09
14	196+75	SPIKE IN ROOT 18" ELM 150' LT.	882.62
15	212+50	SPIKE IN TRUNK 24" MAPLE 130' LT.	889.90

NET CENTERLINE LENGTH STA. 185+00 — 215+00 = 3000.0 LIN. FT.

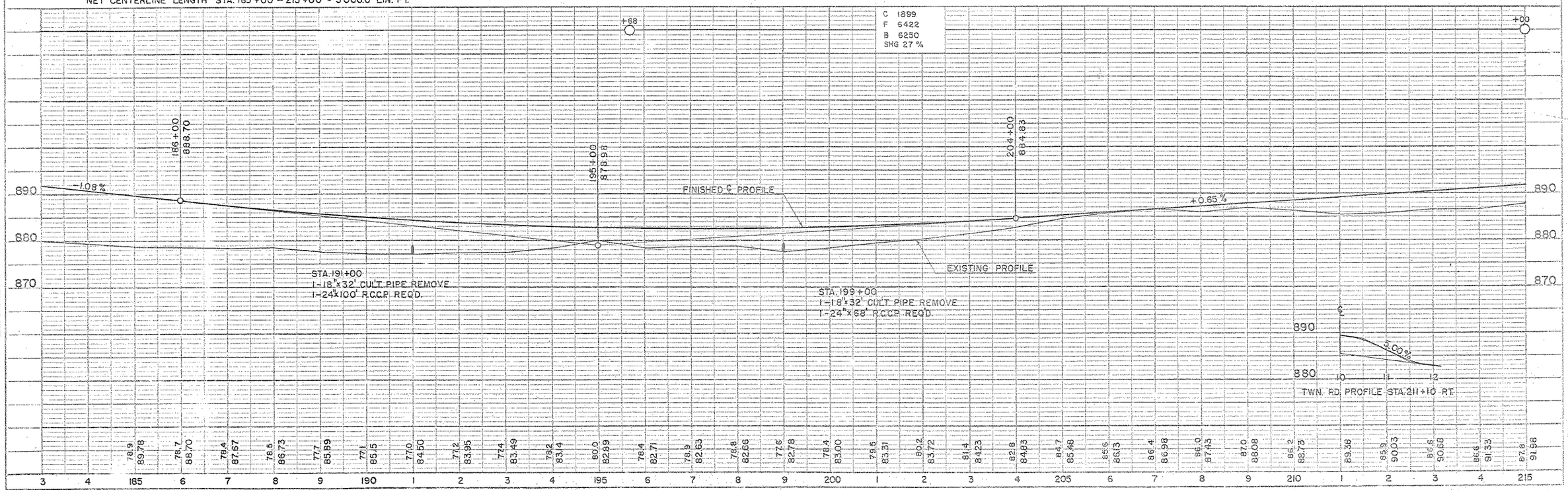
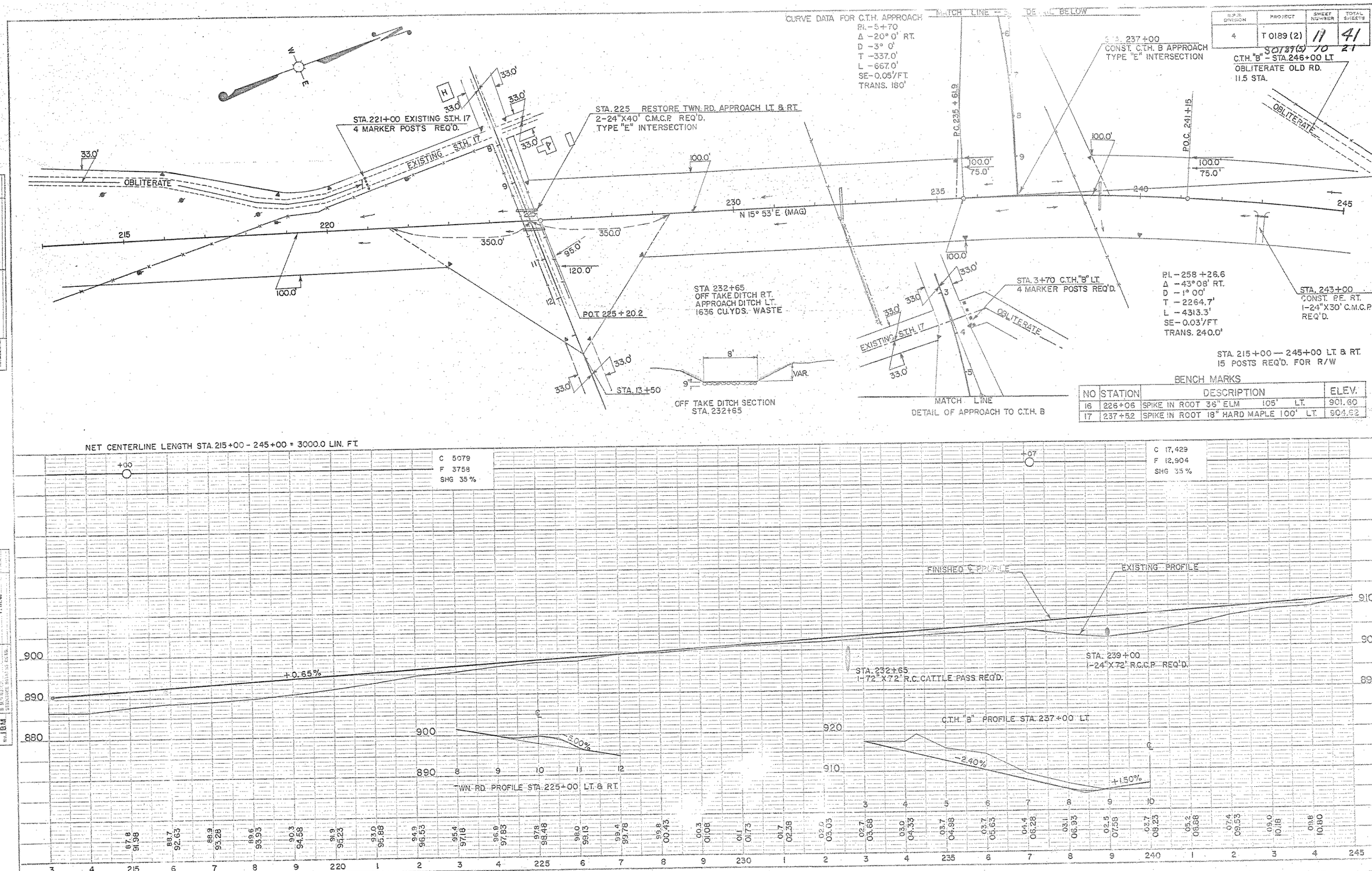


PLATE 1—PLAN PROFILE & P. & H. STANDARD
FRIDSTROM PRINT CO., CHICAGO

R.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189 (2)	11	41

SO189(5) 10 21



BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
16	226+06	SPIKE IN ROOT 36" ELM 105' LT.	901.60
17	237+52	SPIKE IN ROOT 18" HARD MAPLE 100' LT.	904.62

PLAN & PROFILE STA. 215+00-245+00

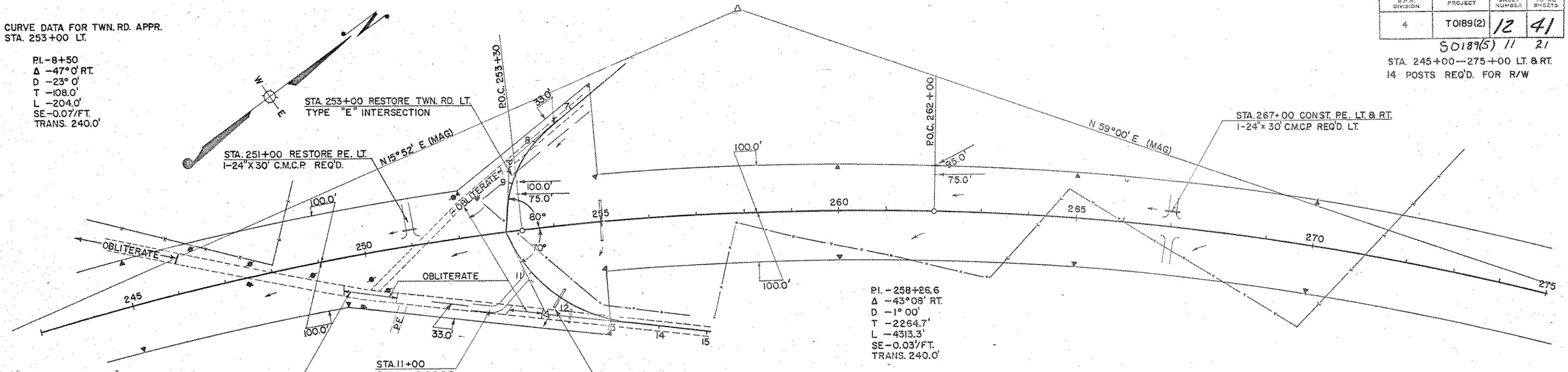
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(2)	12	41

S0189(5) 11 21

STA. 245+00—275+00 LT. & RT.
14 POSTS REQ'D. FOR R/W

CURVE DATA FOR TWN. RD. APPR.
STA. 253+00 LT.

P.I.-8+50
Δ -47° 0' RT.
D -23° 0'
T -108.0'
L -204.0'
SE-0.07/FT.
TRANS. 240.0'



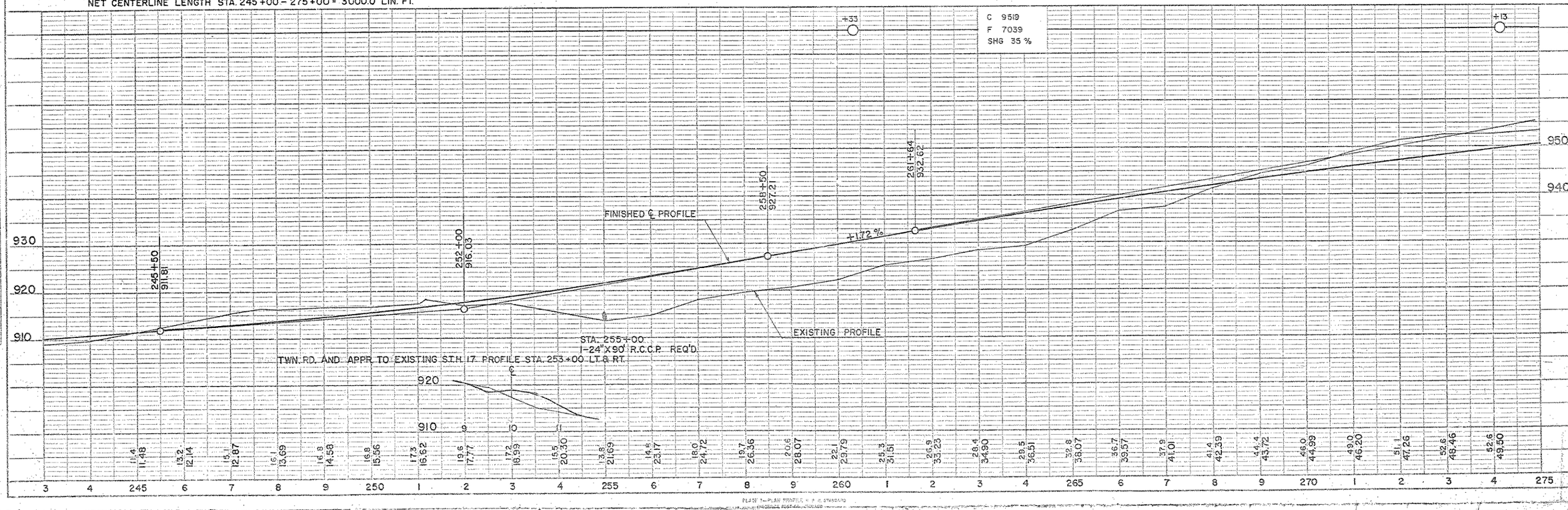
CURVE DATA FOR APPR.
EXISTING S.T.H. 17 RT.

P.I.-11+90
Δ -52° 0' RT.
D -19° 0'
T -147.0'
L -240.0'
SE-0.07/FT.
TRANS. 240.0'

NET CENTERLINE LENGTH STA. 245+00 - 275+00 = 3000.0 LIN. FT.

BENCH MARKS

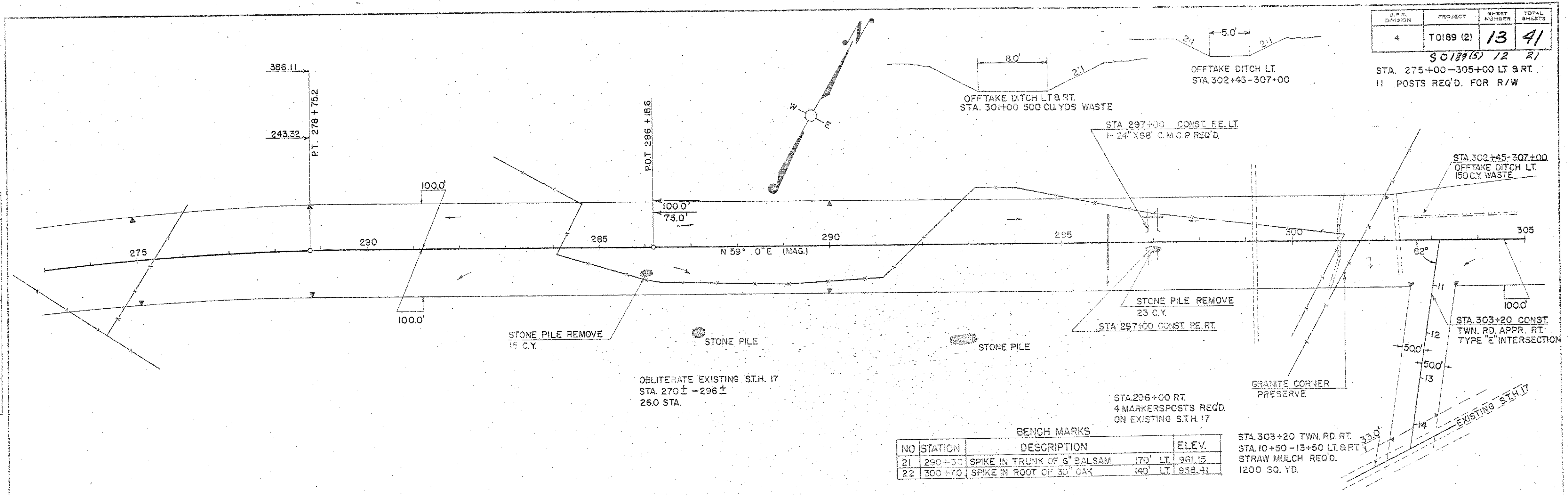
NO	STATION	DESCRIPTION	ELEV.
18	251+60	SPIKE IN ROOT 18" ELM 120' LT.	921.79
19	263+45	SPIKE IN TRUNK 18" CHERRY 125' RT.	926.83
20	273+75	SPIKE IN ROOT 14" MAPLE 120' LT.	957.71



PLAN & PROFILE STA. 245+00-275+00

U.F.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189 (2)	13	41
	S0189(5)	12	21

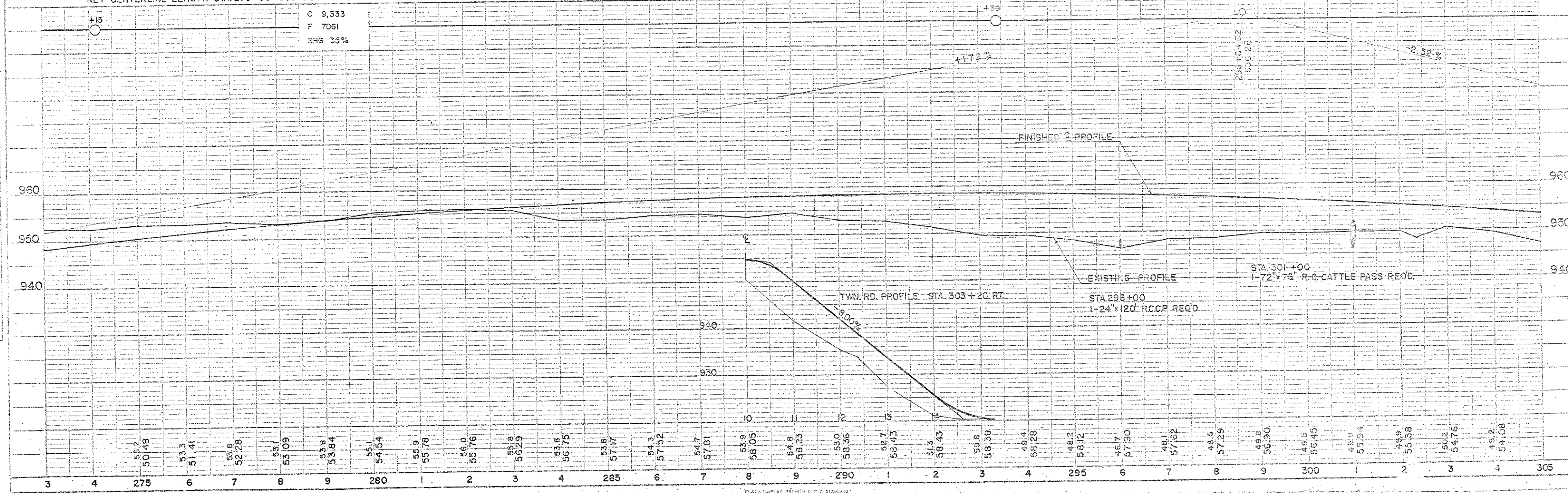
STA. 275+00—305+00 LT. & RT.
11 POSTS REQ'D. FOR R/W



BENCH MARKS

NO	STATION	DESCRIPTION			ELEV.
21	290+30	SPIKE IN TRUNK OF 6" BALSAM	170'	LT.	961.15
22	300+70	SPIKE IN ROOT OF 30" OAK	140'	LT.	958.41

NET CENTERLINE LENGTH STA. 275+00-305+00 = 3000.0 LIN. FT.



PLAN AND PROFILE STA 275+00—305+00

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(2)	14	41
	S 0189(5)	13	21

STA. 314+00–318+00 LT.
INTERCEPTING EMBANKMENT REQ'D.
200 C.Y. WASTE
266 C.Y. SOD REQ'D. IN DITCH

STA. 314+65 LT.
BACKSLOPE SOD FLUME REQ'D.
166 SQ.YD.

P.O.T. 316+83.7

145'
100'

STA. 319+00–320+40 LT.
4 MARKER POSTS REQ'D.

STA. 318+50 LT.
BACKSLOPE SOD FLUME REQ'D.
50 SQ.YD.

275.0'

STA. 321+00–329+00 LT.
16 SOD DITCH CHECKS REQ'D.

STA. 328± CONST. PE. LT.
1–24"X30" C.M.C.P. REQ'D.

STA. 329+00–332+05 LT.
SOD FLUME REQ'D.
305 SQ.YD.

EASEMENT FOR MARSH DISPOSAL

305 310 315 320 325 330 335

N 59° 00' E (MAG)

100'
125'

P.O.T. 308+53.7

STA. 318+30–320+00 LT. & RT.
SOD FLUME REQ'D.
170 SQ.YD. LT.
170 SQ.YD. RT.

STA. 319+00–321+00 RT.
5 MARKER POSTS REQ'D.

100.0'

P.O.T. 327+34.0

150.0'
175.0'

COUNTY LINE

STA. 305+00–332+05 LT. & RT.
5 POSTS REQ'D. FOR R/W

STA. 308+00–319+00 LT. & RT.
32 SOD DITCH CHECKS REQ'D.

STRAW MULCH REQ'D.
STA. 319+00–320+00 LT.
667 SQ.YD.
STA. 319+50–321+00 RT.
1083 SQ.YD.

STA. 321+00–326+00 RT.
11 SOD DITCH CHECKS REQ'D.

STA. 326+00–329+00 RT.
SOD FLUME REQ'D.
300 SQ.YD.

STA. 331+00–332+05 RT.
STRAW MULCH REQ'D.
420 SQ.YD.

STA. 332+05 END PROJ. T0189(2)
& S 0189(5) = BEGIN PROJ. T 0189(3) &
S 0189(6)

BENCH MARKS

NO	STATION	DESCRIPTION			ELEV.
23	311+25	SPIKE IN TRUNK	12" POPLAR	125' RT.	935.08
24	319+20	SPIKE IN TRUNK	6" BIRCH	100' RT.	934.86
25	329+45	SPIKE IN ROOT	10" ELM	130' RT.	904.86

NET CENTERLINE LENGTH STA. 305+00–332+05 = 2705.0 LIN. FT

C 32,218
F 25,774
SHG 25%

+36

C 22,865
F 18,292
SHG 25%

+52

C 203,673
F 9,025
SHG 25%

+05

HAUL OUT 192,383 CU. YDS. TO STA. 332+05–365+71

EXISTING PROFILE

FINISHED ℄ PROFILE

2.52%

STA. 320+00
1–48"X184' CLASS V R.C.C.P. REQ'D.

950
940

940 930 920 910 900 890 880

3 4 305 6 7 8 9 310 1 2 3 4 315 6 7 8 9 320 1 2 3 4 325 6 7 8 9 330 1 2 3 4 335

47.0 53.34 | 47.0 52.55 | 48.4 51.70 | 51.0 50.79 | 51.5 49.83 | 52.1 48.81 | 50.0 47.73 | 48.5 46.59 | 50.3 45.40 | 51.9 44.15 | 53.2 42.84 | 54.0 41.47 | 53.4 40.05 | 57.8 38.57 | 58.2 37.03 | 62.1 35.44 | 62.8 33.78 | 57.2 32.07 | 54.5 30.31 | 69.1 28.49 | 76.9 26.60 | 58.7 24.66 | 26.3 22.67 | 19.1 20.61 | 13.9 18.50 | 07.3 16.34 | 07.1 14.11 | 02.1 11.85 | 01.5 09.49 | 07.09

PLOTTED FROM PLAN PROFILE B.P.R. STANDARD

PLAN & PROFILE STA. 305+00–332+05

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(3)	4	30

S 0189(6) 14 21

STA. 333+00 - 345+00 LT.
13 MARKER POSTS REQ'D.

EASEMENT FOR MARSH DISPOSAL

STA. 345+00 - 347+00 LT.
OBLITERATE OLD RD.
2.2 STA.

STA. 332+05 — 350+00 LT & RT.
8 POSTS REQ'D. FOR R/W

COUNTY LINE

EXISTING S.T.H. 17

OBLITERATE

TOTE RD.

PRAIRIE RIVER

BOORD

N 59°-00' E (MAG.)

P.O.T. 327+34

STA. 345+25 CONST. APPROACH TO EXISTING S.T.H. 17
1-36"X54' R.C.C.P. REQ'D.
TYPE "E" INTERSECTION

WAYSIDE SITE

STA. 332+05 END PROJ. T0189(2) &
S 0189(5) = BEGIN PROJ. T0189(3) & S0189(6)

STA. 332+00 - 345+00 R.T.
14 MARKER POSTS REQ'D.

NET CENTERLINE LENGTH STA. 332+05 - 350+00 = 1795.0 LIN. FT.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
25	329+45	SPIKE IN 10" ELM 130' R.T.	904.86
26	341+30	" " 6" SPRUCE 120' L.T.	875.18
27	352+60	" " 10" ELM 90' L.T.	887.37

APPROACH TO EXISTING S.T.H. 17 PROFILE STA. 345+25 RT.

FINISHED PROFILE

EXISTING PROFILE

FINISHED ℄ PROFILE

EXISTING PROFILE

STA. 333+65 - 344+50
MARSH EXCAVATION - 21,683 CU. YDS.

STA. 339+00
1-18"X35' C.M.C.P. REMOVE
1-36"X200' CLASS IV R.C.C.P. REQ'D.

PLAN & PROFILE STA. 332+05 — 350+00

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189 (3)	5	30

S 0189(6) 15 21

STA. 366+00 – 367+00 LT.
SOD FLUME REQ'D.
100 SQ. YD.

STA. 367+00 – 372+00 LT. & RT.
12 SOD DITCH CHECKS REQ'D.

STA. 372+00 – 383+00 LT.
10 SOD DITCH CHECKS REQ'D.

STA. 373+50 – 376+00 LT.
FILL TO MAINTAIN LONGITUDINAL DITCH DRAINAGE

STONE PILE

STA. 368+60 EXISTING S.T.H. 17
4 MARKER POSTS REQ'D.

STA. 368+00 – 374+00
OBLITERATE OLD RD. LT.
4.2 STA.

OFFTAKE DITCH LT.
STA. 351+50 – 357+00
STA. 363+00

STA. 366+82
RESTORE TWN. RD. APPROACHES LT. & RT.
1–24"×40' C.M.C.P. REQ'D. LT.
TYPE "E" INTERSECTION LT. & RT.

STA. 363+00
CONST. OFFTAKE DITCH LT.
20 C.Y. WASTE

STA. 355+00 – 364+00
OBLITERATE OLD RD. LT.
11.0 STA.

STA. 360+00 EXISTING S.T.H. 17
4 MARKER POSTS REQ'D.

STA. 350+00
RESTORE P.E. LT.

STA. 351+50 – 357+00
CONST. OFFTAKE DITCH LT.
100 C.Y. WASTE

CURVE DATA FOR TWN. RD. APPR.
P.I. – 11+40
Δ – 36°00' RT.
D. – 19°00'
T. – 98.0'
L. – 190.–
S.E. – 007½ FT.
TRANS. – 240.0'

STA. 374+50
CONST. APPROACH TO EXISTING S.T.H. 17
TYPE "E" INTERSECTION

STA. 350+00 – 380+00 LT. & RT.
16 POSTS REQ'D. FOR R/W

STA. 366+82 TWN. RD. RT.
STA. 10+50 – 12+00 LT. & RT.
SOD FILL SLOPES REQ'D.
400 SQ. YD.

STA. 361+00 – 383+50 RT.
STRAW MULCH REQ'D.
1000 SQ. YDS.

EASEMENT FOR MARSH DISPOSAL

NET CENTERLINE LENGTH STA. 350+00 – 380+00 = 3000.0 LIN. FT.

BENCH MARKS

NO.	STA.	DESCRIPTION		ELEV.
27	352+60	SPIKE IN 10" ELM	90' LT.	887.37
28	365+90	" " 12" "	190' RT.	900.35
29	378+20	" " 18" "	105' RT.	921.83

C 675
F 156,250
B 2260
SHG 25%
HAUL IN 192,363 CU. YDS.
FROM STA. 320+52 – 332+05

C 2,824
F 2,094
SHG 35 %

C 2,637
F 1,948
SHG 35 %

C 1,533
F 1,139
SHG 35 %

FINISHED ℄ PROFILE

EXISTING PROFILE

SOUNDINGS

STA. 351+50
1–24"×41' CULT. PIPE REMOVE
1–30"×76' R.C.C.P. REQ'D.

STA. 351+00 – 360+40
MARSH EXCAVATION – 4,908 CU. YDS.

STA. 361+00
1–30"×108' R.C.C.P. REQ'D.

STA. 375+00
1–24"×60' C.M.C.P. REQ'D.

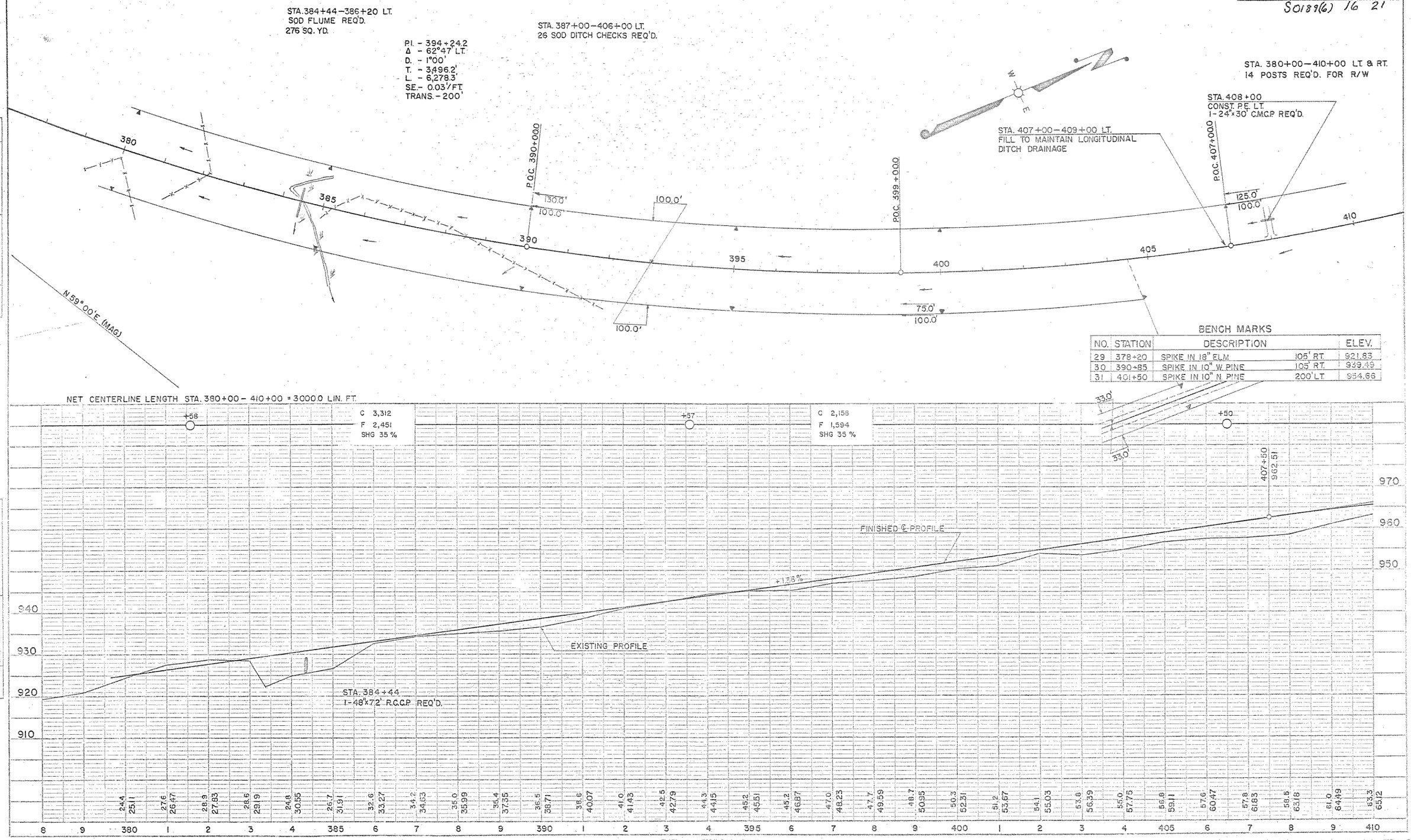
TWN. RD. PROFILE STA. 366+82 LT. & RT.

APPROACH TO EXISTING S.T.H. 17 PROFILE STA. 374+50 RT.

PLAN & PROFILE STA. 350+00 – 380+00

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189 (3)	6	30

S0189(6) 16 21



BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
29	378+20	SPIKE IN 18" ELM	105' RT.	921.83
30	390+85	SPIKE IN 10" W. PINE	105' RT.	939.49
31	401+50	SPIKE IN 10" N. PINE	200' LT.	954.66

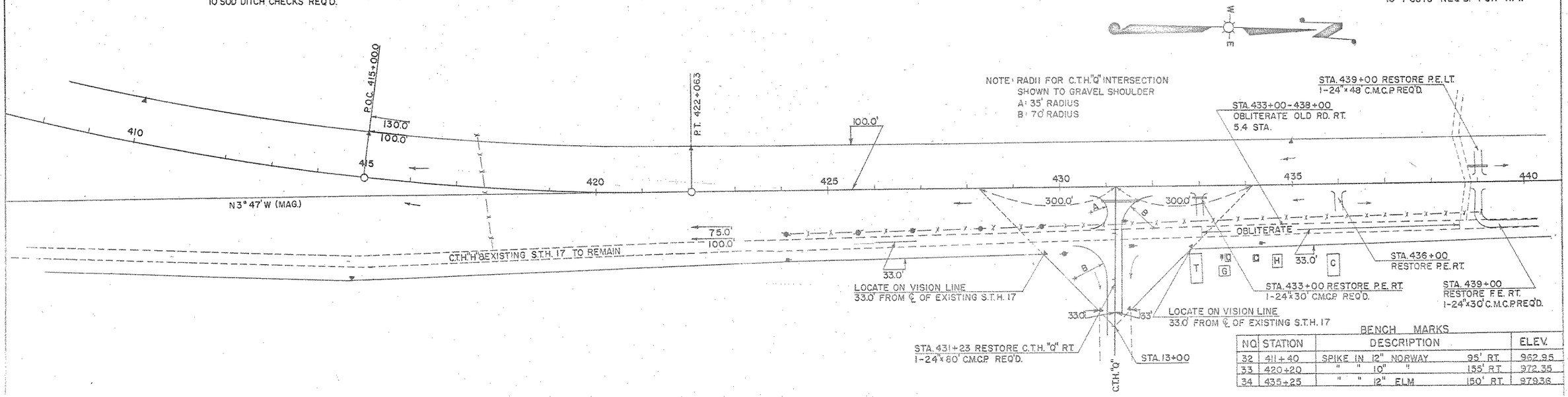
PLAN & PROFILE STA. 380+00 – 410+00

B.H.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(3)	7	30

S0189(6) 17 21

STA. 411+00 – 420+00 LT.
10 SOD DITCH CHECKS REQ'D.

STA. 410+00 – 440+00 LT. & RT.
10 POSTS REQ'D. FOR R/W



BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
32	411+40	SPIKE IN 12" NORWAY	95' RT.	962.95
33	420+20	" " 10" "	155' RT.	972.35
34	435+25	" " 12" ELM	150' RT.	979.36

NET CENTERLINE LENGTH STA. 410+00 – 440+00 = 3000.0 LIN. FT.

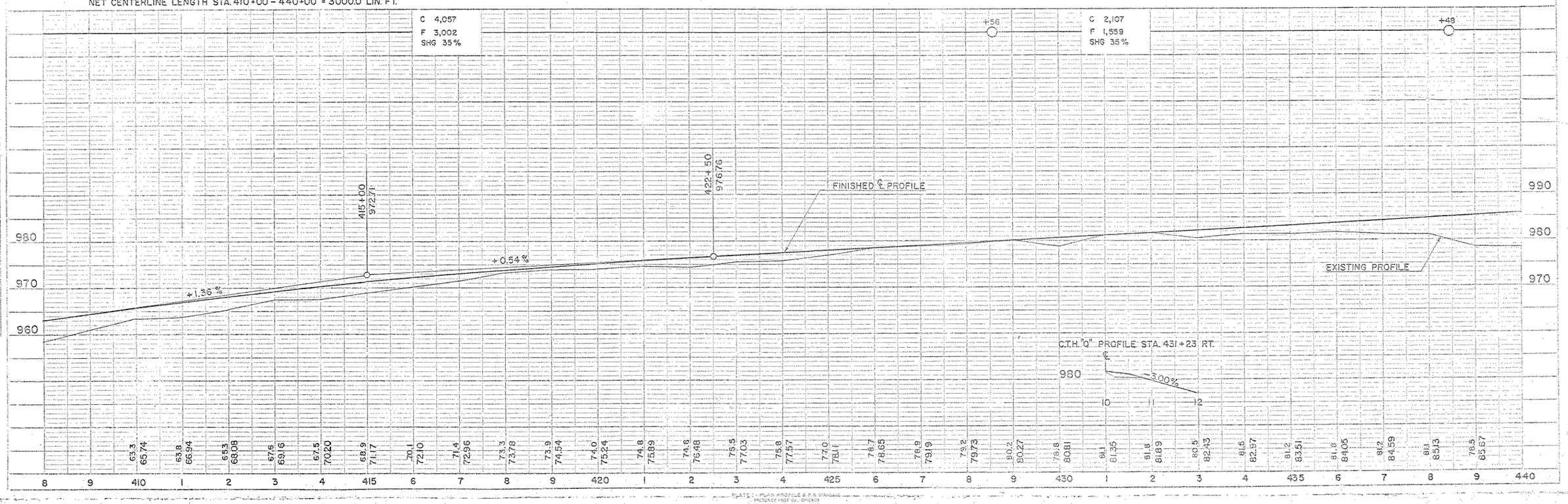


PLATE I - PLAN PROFILE & P.S.& STANDARDS
PRINCESS PRINT CO., CHICAGO

PLAN & PROFILE STA. 410+00 – 440+00

R.F.D. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(3)	8	30

S0189(6)
18-21

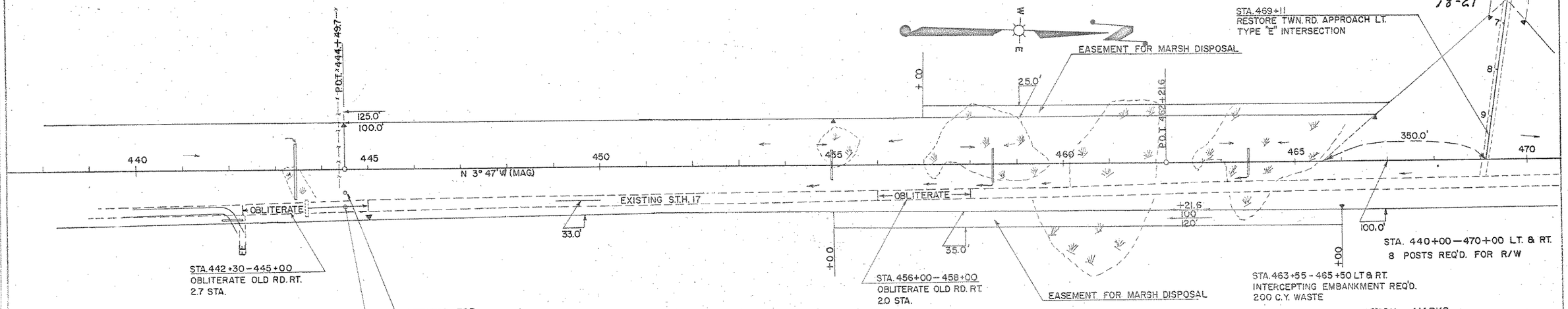
STA. 442+00 - 443+40 LT.
STRAW MULCH REQ'D.
467 SQ. YD.

STA. 458+00 - 459+00 LT.
INTERCEPTING EMBANKMENT REQ'D.
50 C.Y. WASTE

STA. 458+50 LT.
BACKSLOPE SOD FLUME REQ'D.
85 SQ. YD.

STA. 464+00 LT. & RT.
BACKSLOPE SOD FLUME REQ'D.
85 SQ. YD. LT.
85 SQ. YD. RT.

STA. 469+11
RESTORE TWN. RD. APPROACH LT.
TYPE "E" INTERSECTION



STA. 442+30 - 445+00
OBLITERATE OLD RD. RT.
2.7 STA.

STA. 456+00 - 458+00
OBLITERATE OLD RD. RT.
2.0 STA.

STA. 463+55 - 465+50 LT & RT.
INTERCEPTING EMBANKMENT REQ'D.
200 C.Y. WASTE

STA. 440+00 - 470+00 LT. & RT.
8 POSTS REQ'D. FOR R/W

STA. 441+00 - 449+00 RT.
STRAW MULCH REQ'D.
3200 SQ. YD.

STA. 440+00 - 450+00 RT.
11 MARKER POSTS REQ'D.

STA. 453+00 - 458+00 RT.
5 MORTAR RUBBLE DITCH CHECKS
23 SQ. YDS. SOD REQ'D.
4.1 CU. YDS. MORTAR RUBBLE MASONRY REQ'D.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
35	446+58	SPIKE IN 14" ASH 120' RT.	970.23
36	454+75	NO DESCRIPTION APPROX. 130' RT.	999.66
37	469+25	SPIKE IN 12" WHITE BIRCH 140' RT.	1001.69

NET CENTERLINE LENGTH STA. 440+00 - 470+00 = 3000.0 LIN. FT.

C 68,816
F 59,110
B 10,250
SHG 34%

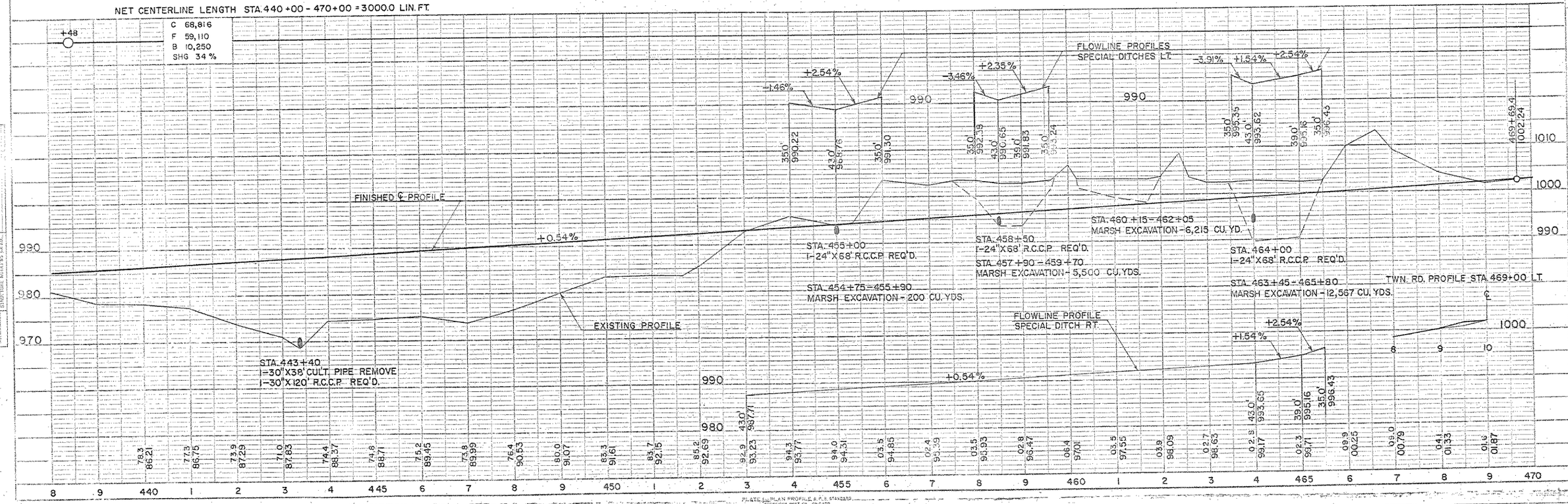
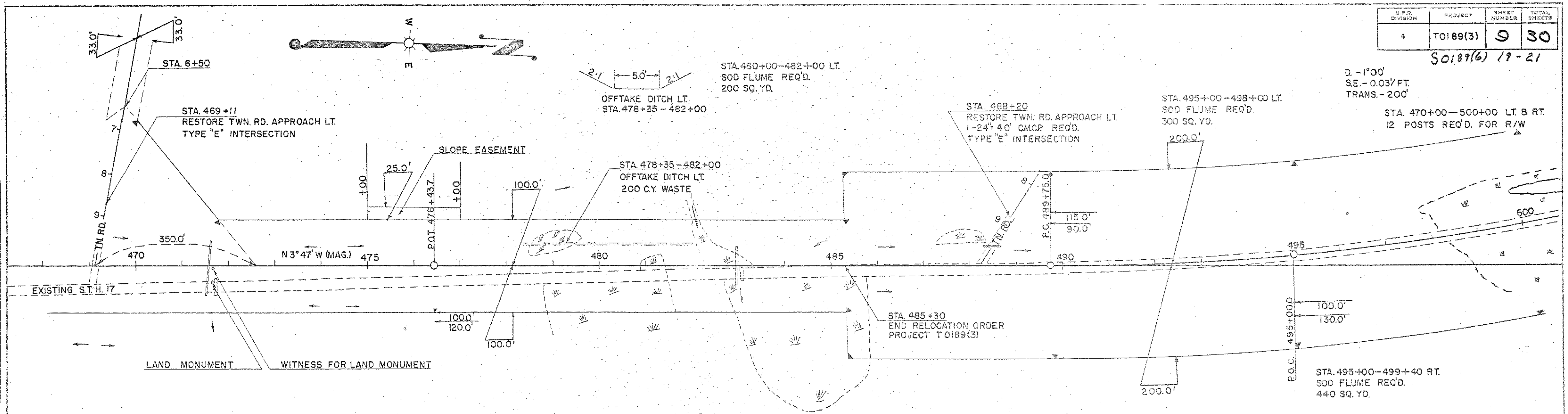


PLATE 1 - PLAN PROFILE & P.S. STANDARD

PLAN & PROFILE STA. 440+00-470+00

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T0189(3)	9	30

S0189(6) 19-21

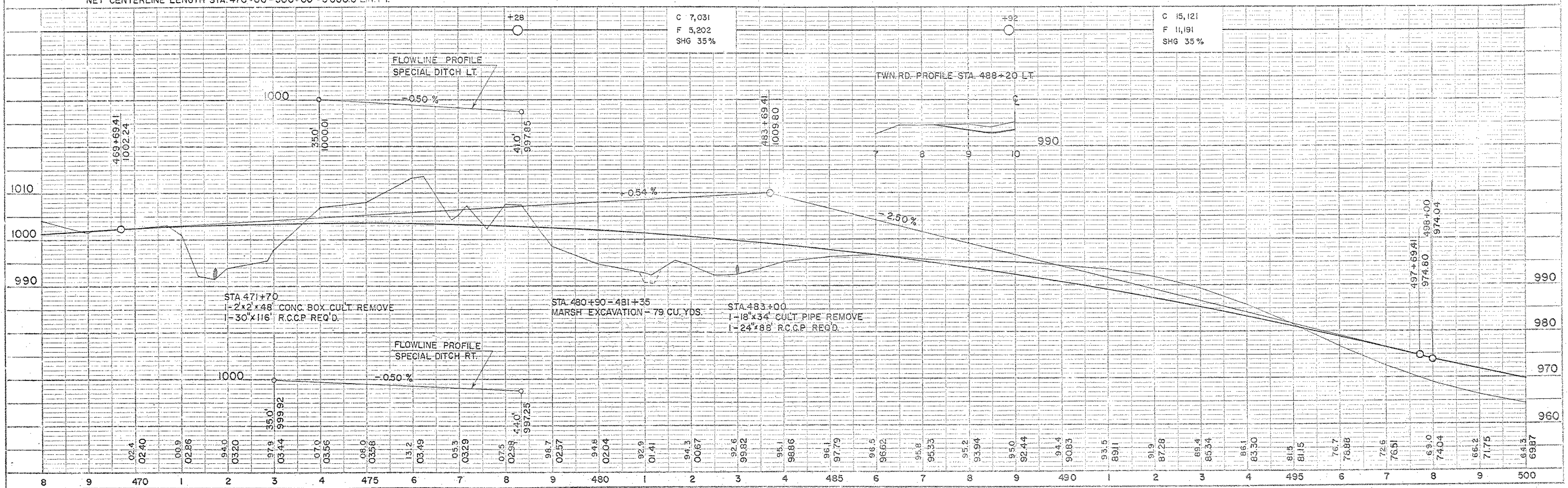


PLAN		BY	DATE
NOTE BOOK NO. 8544	SURVEYED	J.S.K.	57
	PLOTTED	E.R.D.	58
	ALIGNMENT CHECKED	A.M.H.	58
	RT. OF WAY CHECKED	M.S.H.	60

BENCH MARKS

NO.	STATION	DECRIPTION				ELEV.
37	469+25	SPIKE IN	12" WHITE BIRCH		140' RT.	1001.69
38	482+00	" "	7" POPLAR		100 RT.	997.14
39	490+20	" "	8"	"	60' RT.	991.08

NET CENTERLINE LENGTH STA. 470+00-500+00 = 3 000.0 LIN. FT.



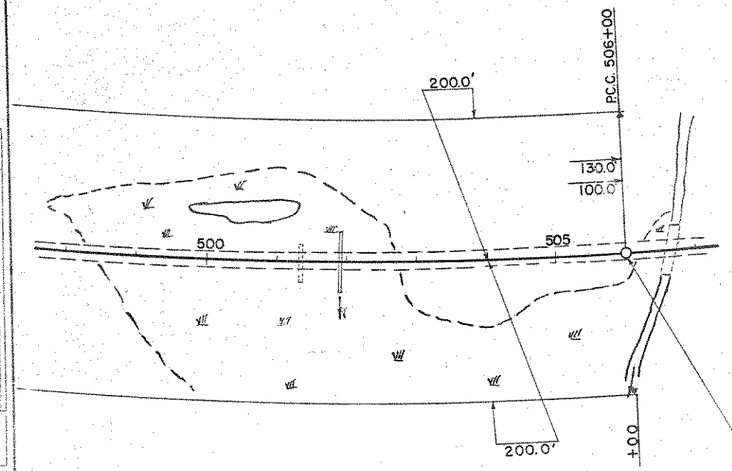
PROFILE		BY	DATE
NOTE BOOK NO. IBM	SURVEYED	J.S.K.	57
	PLOTTED	E.R.D. E.Y.	58
	GRADES CHECKED	E.R.D. E.Y.	58
	B.M.'S NOTED / STRUCTURE NOTATIONS LSTD.	P.M.J.	60

PLATE I - PLAN, PROFILE & R.A. STANDARD
FREDERICK POST CO., CHICAGO

PLAN & PROFILE STA. 470+00-500+00

S.F.H. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 0189(3)	10	30
	S0189(6)	20	21

STA. 500+00 — 506+00 LT. & RT.
2 POSTS REQ'D. FOR R/W



STA. 506+00 END PROJECT T0189(3) & S 0189(6)

NET CENTERLINE LENGTH STA. 500+00 - 506+00 = 600.0 LIN. FT.

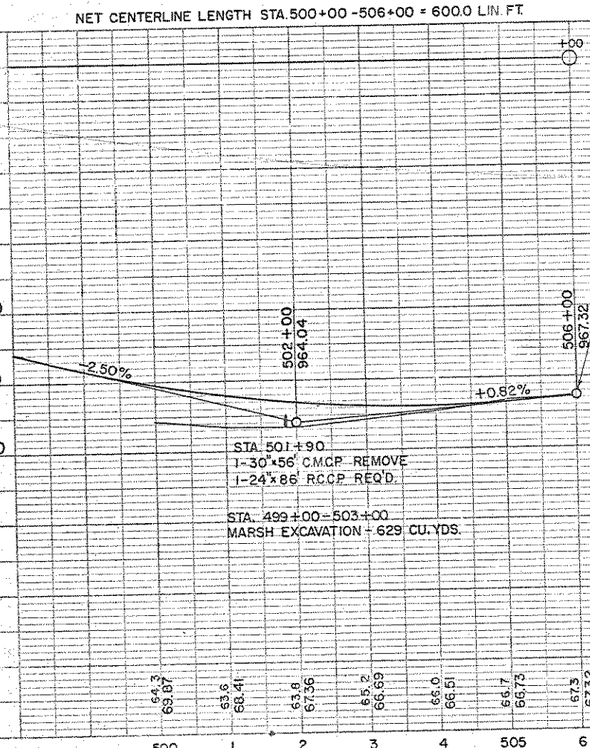


PLATE I - PLAN-PROFILE & R.R. STANDARD
TO ACCOMPANY PERMIT NO. 25-1-89

PLAN & PROFILE STA 500+00 - 506+00