

INDEX OF SHEETS

| | |
|---------------|--|
| SHEET NO. 1 | TITLE |
| SHEET NO. 1 | TYPICAL CROSS SECTIONS |
| SHEET NO. 1 | ESTIMATE OF QUANTITIES |
| SHEET NO. — | MISCELLANEOUS QUANTITIES |
| SHEET NO. — | RIGHT OF WAY PLAT |
| SHEET NO. 2-8 | PLAN AND PROFILE STA. 43+00 TO STA. 409+82.7 |
| SHEET NO. 9 | STANDARD DETAILS |
| SHEET NO. — | DRAINAGE STRUCTURES |
| SHEET NO. — | CROSS SECTIONS |



STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

| COUNTY AND HIGHWAY | ROUTE AND SECTION | CLASS AND AGREEMENT | | FEDERAL DIVISION OFFICE | SHEET NUMBER | TOTAL SHEETS |
|--------------------|-------------------|---------------------|---------|-------------------------|--------------|--------------|
| | | STATE | FEDERAL | | | |
| 37.6 | 531.0 | | 11.5 | WIS. 4 | 1 | 9 |

PLAN AND PROFILE OF PROPOSED
S.T.H. 29 — S.T.H. 52
C.T.H. "J"
MARATHON COUNTY
PROJECT S 0531 (5)

SCALES { PLAN 1 IN. = 200 FT.
PROFILE HOR. 1 IN. = 200 FT. VERT. 1 IN. = 20 FT.

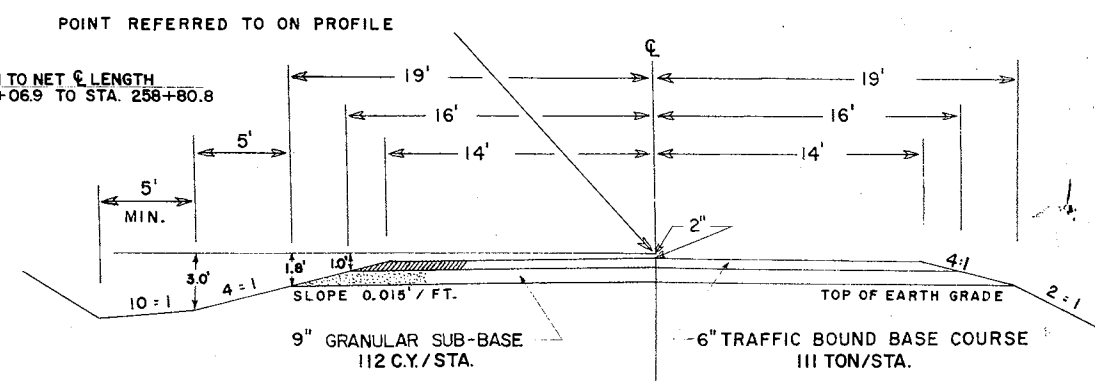
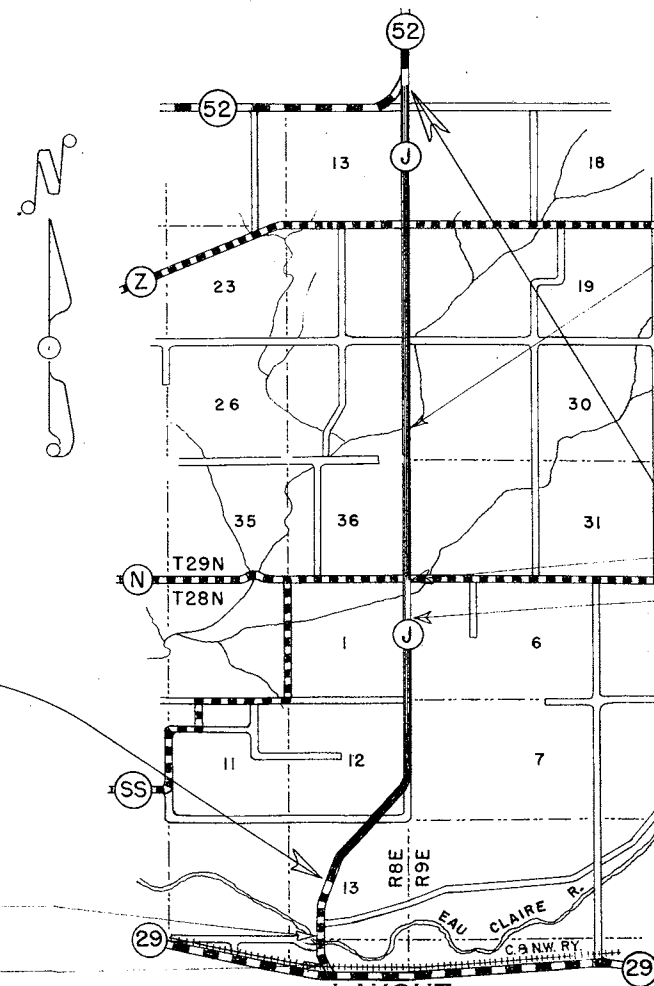
NOTE: PLAN AND PROFILE SHEETS ARE INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY, OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT.

ESTIMATE OF QUANTITIES

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1957, SUBMITTED FOR APPROVAL MARCH 28, 1957, FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED JANUARY 31, 1955 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

| STATION TO STATION | ITEM NO. | NET LENGTH OF CENTER-LINE | | GRANULAR SUB-BASE | TRAFFIC BOUND BASE COURSE |
|--------------------|----------|---------------------------|----------|-------------------|---------------------------|
| | | UNIT | LIN. FT. | C.Y. | TON |
| 43+00 — 409+82.7 | | | 34418.8 | 39310 | 39400 |

*INCLUDES 430 C.Y. FOR P.E.'S AND 330 C.Y. FOR S.R.'S
**INCLUDES 645 TON FOR P.E.'S AND 550 TON FOR S.R.'S



BEGINNING OF PROJECT S0531(5)
STATION 43+00.0
1718.8' EAST & 100' SW OF NW COR. OF SW 1/4 SEC. 13, T28N, R8E

END OF PROJECT S0531(5)
STA. 409 + 82.7
999.8' NORTH OF NE COR. SEC. 13, T29N, R8E

CONVENTIONAL SIGNS

| | | | |
|---------------------------|------------------|-------------------------------|-------|
| STATE LINE | ..... | CULVERTS IN PLACE | ..... |
| COUNTY LINE | ..... | CULVERTS REQUIRED | ..... |
| TOWNSHIP OR RANGE LINE | ..... | DROP INLET | ..... |
| SECTION LINE | ..... | POWER POLE | ..... |
| NEW RIGHT OF WAY LINE | ..... | TELEPHONE OR TELEGRAPH POLE | ..... |
| PRESENT RIGHT OF WAY LINE | ..... | RIGHT OF WAY MARKERS | ..... |
| WIRE FENCE (WOVEN) | ..... | REFERENCE STAKE FOR HUBS ONLY | ..... |
| WIRE FENCE (BARBED) | ..... | MARSH | ..... |
| LOT LINE | ..... | HEDGE | ..... |
| CORPORATE OR CITY LIMITS | ..... | TREES | ..... |
| PROPERTY LINE | P.L. # 326 | | |
| TRAVELED WAY OR P.E. | ..... |  |  |
| RAILROADS | ..... |  |  |
| BASE OR SURVEY LINE | ..... |  |  |

END OF PROJ. S0531(3)
STA. 22+00

BEG. OF PROJ. S0531(3)
STA. 7+00

LAYOUT

SCALE ONE MILE

TOTAL NET LENGTH OF CENTERLINE = 6.519 MI.

APPLICABLE STD. DETAIL DRAWINGS
CONSTRUCTION BARRICADE 7-412

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WISCONSIN

SURVEYOR: C.E.C. NOTE BOOK: M 444
DISTRICT COMPUTER: C.A.L. M.G. CHECKER
DISTRICT CHECKER: L.A.K. CORRECT.

CORRECT.

DATE: 5/29/57 *A.W. Pelt* DISTRICT ENGINEER

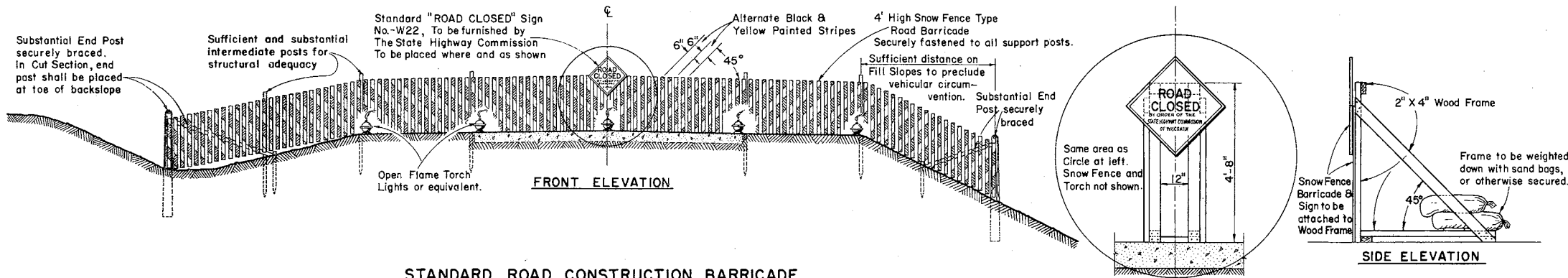
RECOMMENDED FOR APPROVAL:
DATE: 6-4-57 *J.S. Pelt* ENGINEER OF DESIGN

APPROVED:
DATE: 6/5/57 *E.C. Ruston* STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DISTRICT ENGINEER

S0531(5)



STANDARD ROAD CONSTRUCTION BARRICADE

SNOW FENCE TYPE-"A"

**WOOD FRAME SUPPORT AT ϕ
FOR SNOWFENCE TYPE BARRICADE
When Barricade is Erected on Rigid Type Surfacing**

GENERAL NOTES

The Contractor shall construct, place and maintain barricades as shown on this drawing and as required by the Standard Specifications Section 1107 for the duration of the project. Barricades shall be painted and structurally maintained for maximum visibility at all times.

Provision shall be made in the construction of barricades to provide for ingress and egress for local access as may be required.

ALTERNATE DESIGNS

Contractors may submit to the Engineer for approval, designs for Barricades other than shown on this drawing, and upon the Engineer's approval may be used as alternates.

MEASUREMENT & PAYMENT

All Barricades, unless otherwise provided for in the Plans and/or Special Provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.

**CONSTRUCTION
BARRICADE**

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

6/2/55
DATE

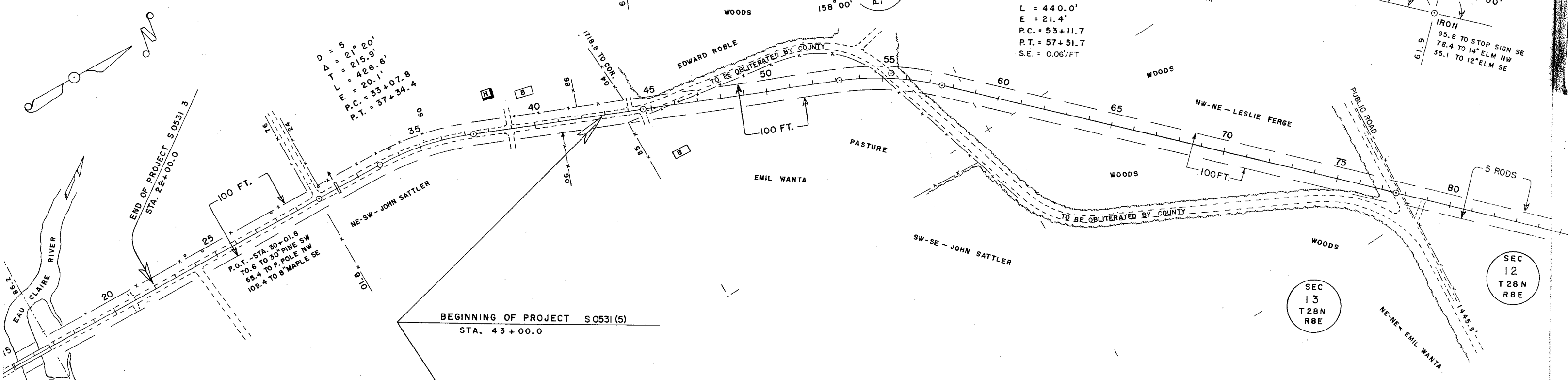
J. S. Pelt
ENGINEER OF DESIGN

APPROVED:

6/2/55
DATE

E. C. Rutledge
STATE HIGHWAY ENGINEER

| BENCH MARKS | | | | |
|-------------|-------|--------------------|-------|---------|
| 4 | 18+60 | SPIKE IN 24" MAPLE | 70'R | 1228.42 |
| 5 | 29+76 | " " 4" ELM | 50'L | 1232.35 |
| 6 | 44+03 | " " 6" MAPLE | 85'L | 1266.94 |
| 7 | 54+70 | " " 12" ELM | 110'L | 1295.30 |
| 8 | 61+25 | " " 4" MAPLE | 65'R | 1295.37 |
| 9 | 78+94 | " " 24" PINE | 65'R | 1290.29 |



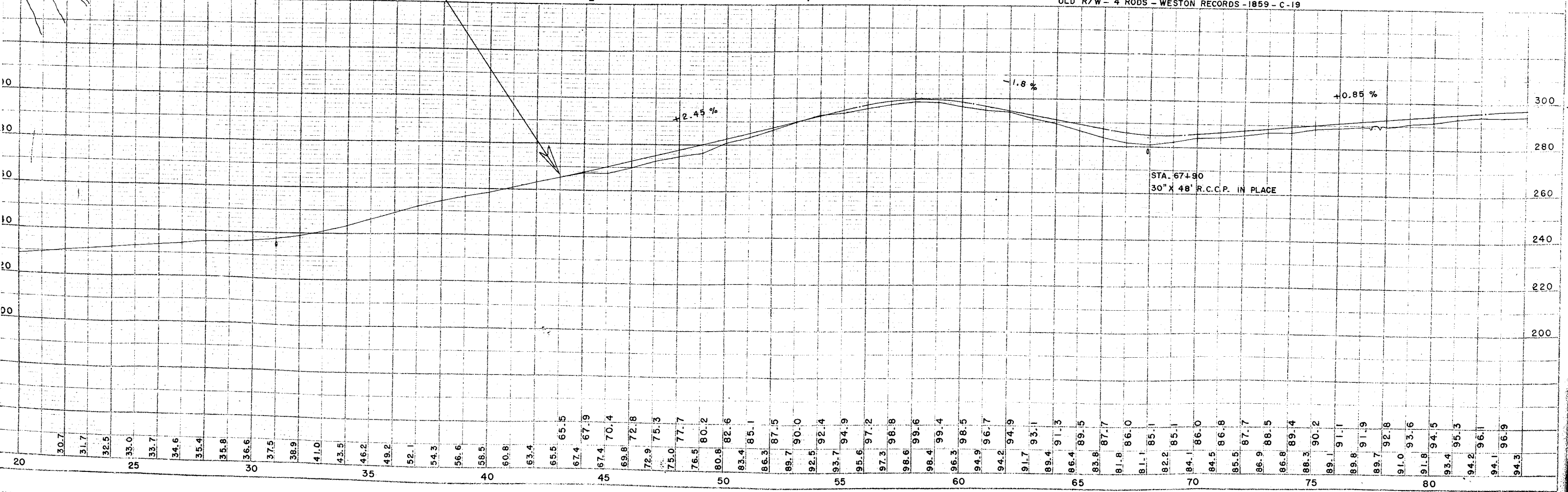
$D = 5$
 $\Delta = 21^\circ 20'$
 $T = 215.9'$
 $L = 426.6'$
 $E = 20.1'$
 $P.C. = 33+07.8$
 $P.T. = 37+34.4$

$D = 5$
 $\Delta = 22^\circ 00'$
 $T = 222.8'$
 $L = 440.0'$
 $E = 21.4'$
 $P.C. = 53+11.7$
 $P.T. = 57+51.7$
 $S.E. = 0.06/FT$

BEGINNING OF PROJECT S0531(5)
STA. 43+00.0

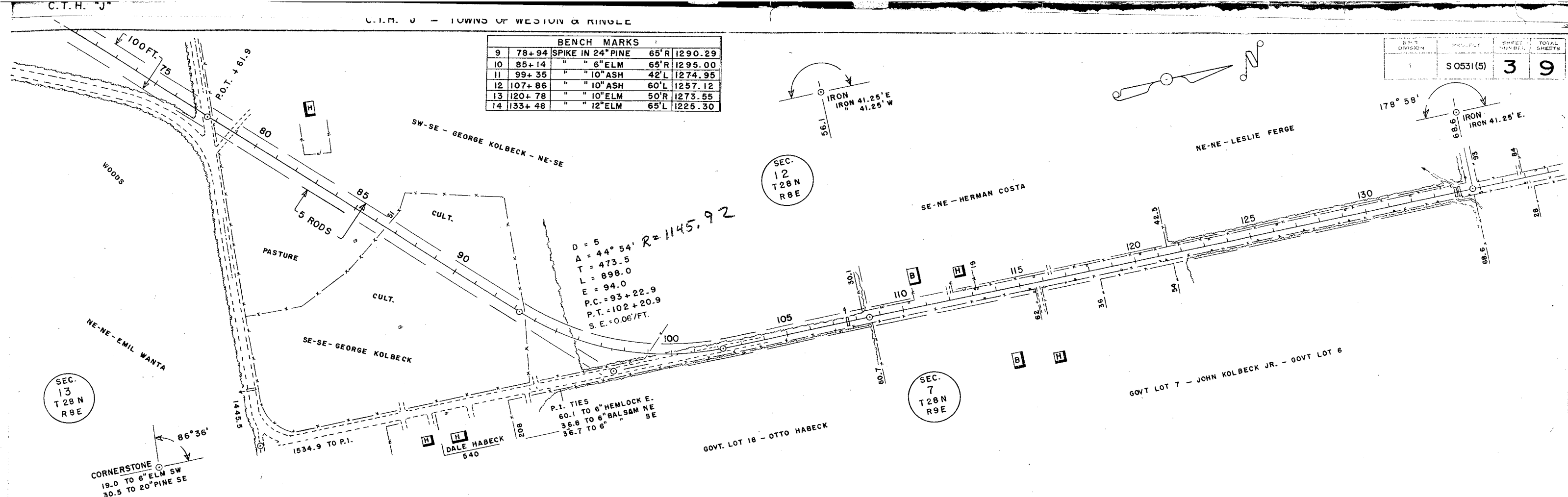
NET LENGTH OF \varnothing STA. 43+00.0 TO STA. 83+00.0 = 4,000.0 LINEAL FT.

OLD R/W - 4 RODS - WESTON RECORDS - 1859 - C-19



| BENCH MARKS | | | | |
|-------------|--------|-------------------|------|---------|
| 9 | 78+94 | SPIKE IN 24" PINE | 65'R | 1290.29 |
| 10 | 85+14 | " 6" ELM | 65'R | 1295.00 |
| 11 | 99+35 | " 10" ASH | 42'L | 1274.95 |
| 12 | 107+86 | " 10" ASH | 60'L | 1257.12 |
| 13 | 120+78 | " 10" ELM | 50'R | 1273.55 |
| 14 | 133+48 | " 12" ELM | 65'L | 1225.30 |

| DIST. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|----------------|----------|--------------|--------------|
| | S0531(5) | 3 | 9 |



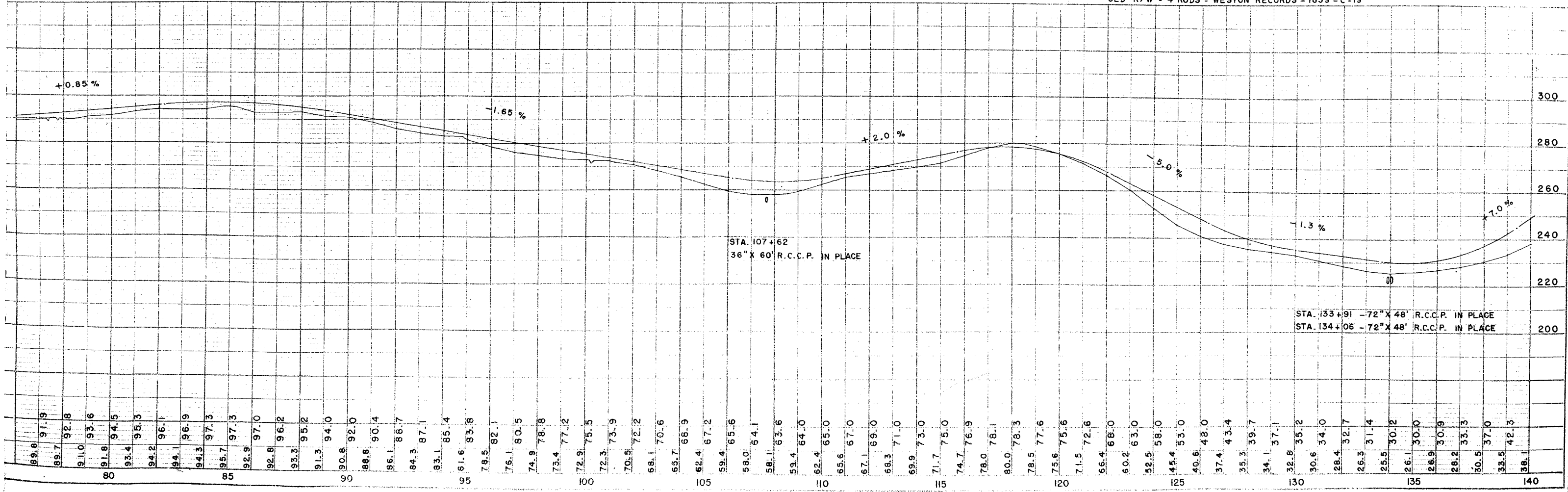
SEC. 13
T28N
R8E

SEC. 12
T28N
R8E

SEC. 7
T28N
R9E

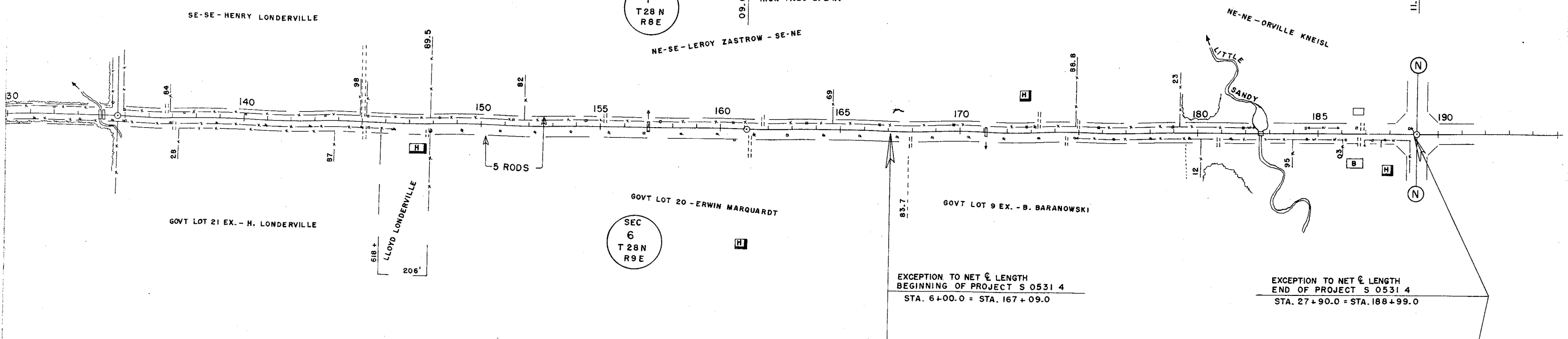
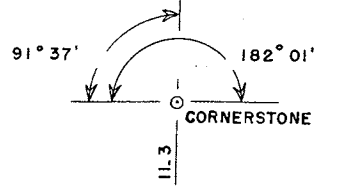
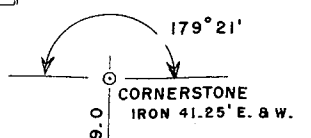
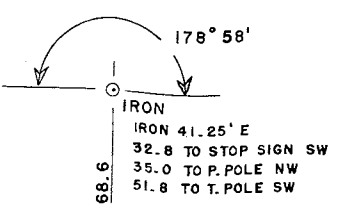
NET LENGTH OF C STA. 83+00.0 TO STA. 134+68.6 = 5,168.6 LINEAL FT.

OLD R/W = 4 RODS - WESTON RECORDS - 1859 - C-19

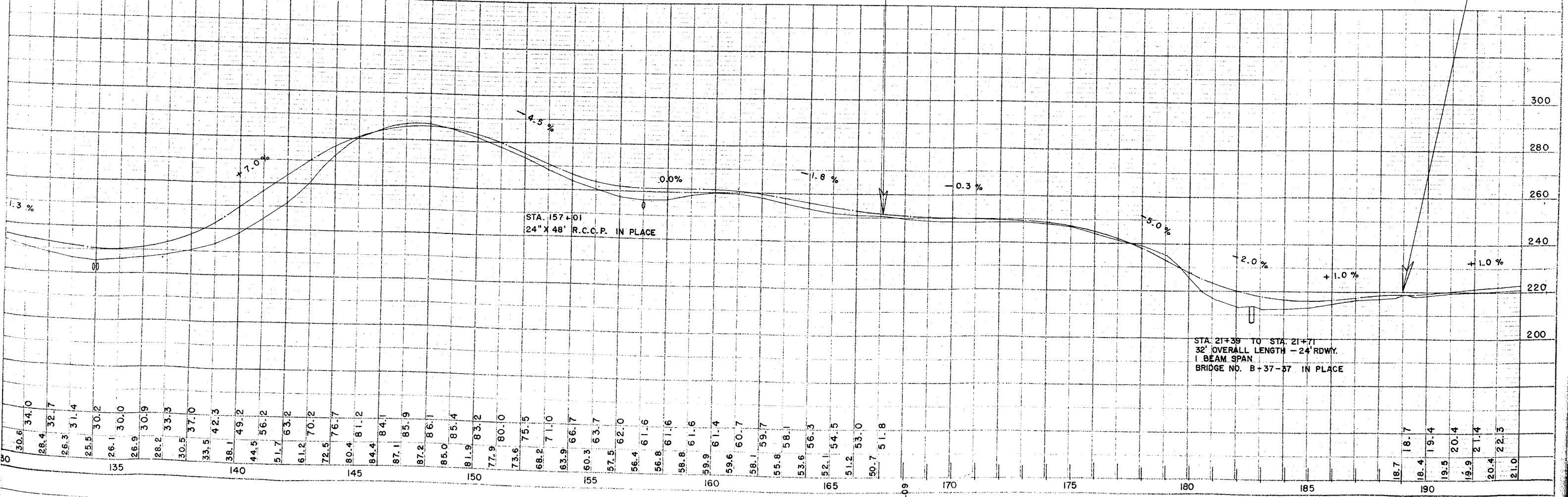


| BENCH MARKS | | | | |
|-------------|--------|------------------|-------|---------|
| 14 | 133+48 | SPIKE IN 12" ELM | 65'L | 1225.30 |
| 15 | 160+66 | " " 12" APPLE | 48'R | 1262.76 |
| 16 | 180+11 | " " 10" MAPLE | 46'L | 1225.61 |
| 17 | 188+33 | " " 10" PINE | 110'L | 1219.81 |
| 18 | 192+96 | U.S.G.S. | 20'R | 1220.46 |

| S.P.D. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|-----------------|----------|--------------|--------------|
| 4 | S0531(5) | 4 | 9 |

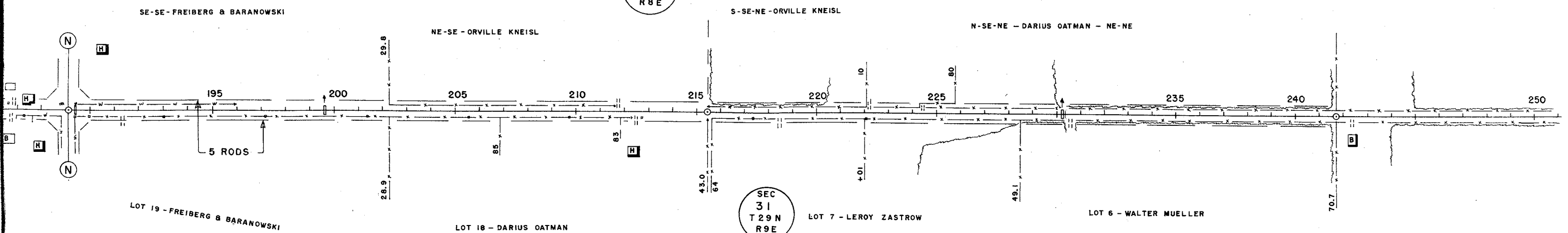
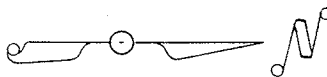
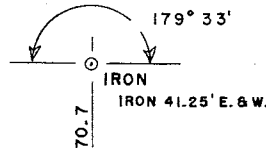
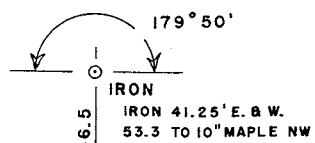
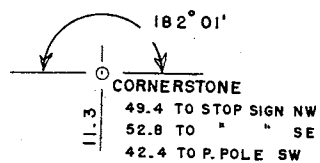


NET LENGTH OF \bar{c} STA. 134 + 68.6 TO STA. 189 + 11.3 = 3252.7 LINEAL FT.



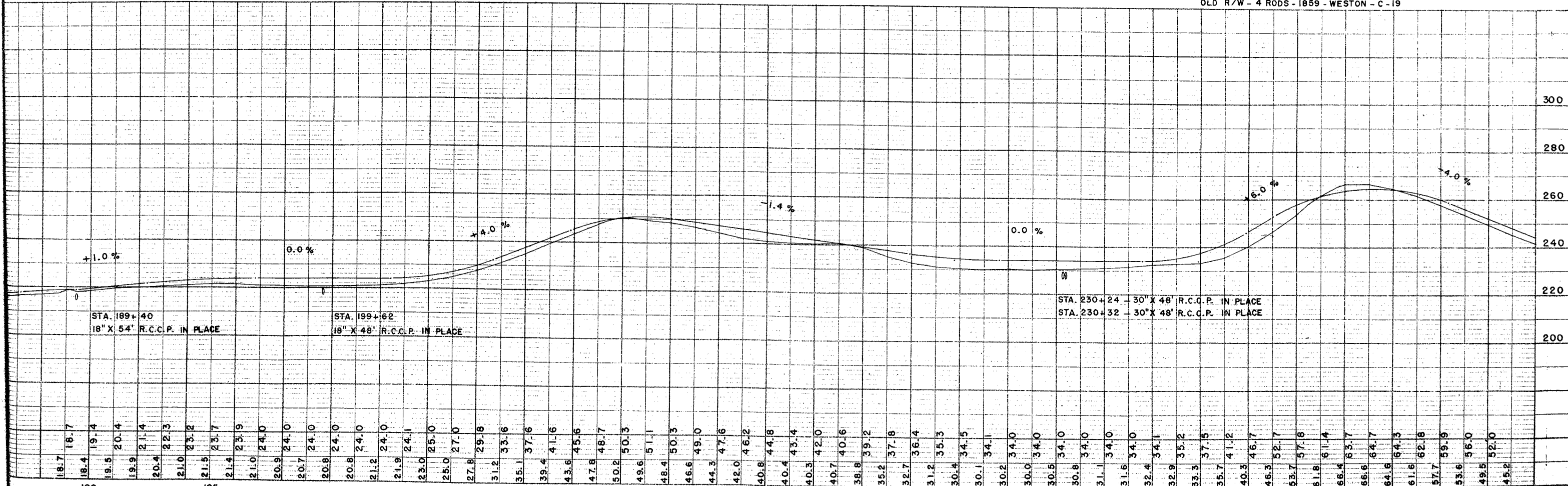
| BENCH MARKS | | | | |
|-------------|--------|-------------------|-------|---------|
| 18 | 192+96 | U.S.G.S. | 20'R | 1220.46 |
| 19 | 201+80 | SPIKE IN 30" PINE | 100'L | 1221.78 |
| 20 | 215+62 | " " 10" MAPLE | 50'L | 1244.13 |
| 21 | 230+76 | " " 12" ELM | 60'L | 1229.47 |
| 22 | 241+60 | " " 6" ELM | 70'L | 1266.79 |

| S.P.R. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|-----------------|-----------|--------------|--------------|
| 4 | S0531 (5) | 5 | 9 |



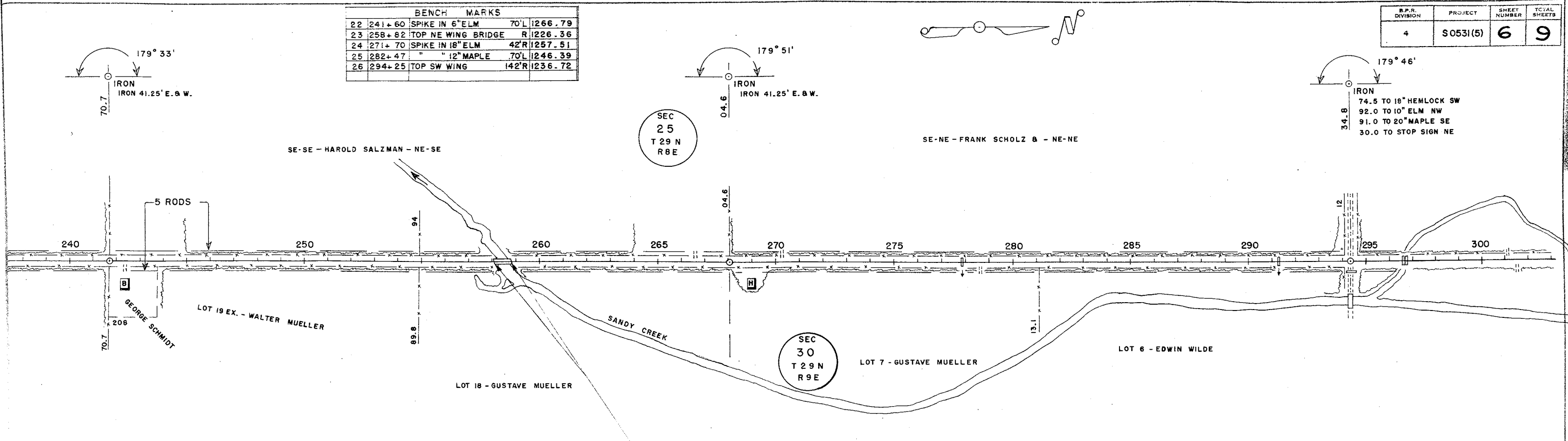
NET LENGTH OF C STA. 189+11.3 TO STA. 241+70.7 = 5,259.4 LINEAL FT.

OLD R/W - 4 RODS - 1859 - WESTON - C - 19



| BENCH MARKS | | | |
|-------------|--------|--------------------|---------------|
| 22 | 241+60 | SPIKE IN 6" ELM | 70'L 1266.79 |
| 23 | 258+82 | TOP NE WING BRIDGE | R 1226.36 |
| 24 | 271+70 | SPIKE IN 18" ELM | 42'R 1257.51 |
| 25 | 282+47 | " " 12" MAPLE | 70'L 1246.39 |
| 26 | 294+25 | TOP SW WING | 142'R 1236.72 |

| B.P.R. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|-----------------|----------|--------------|--------------|
| 4 | S0531(5) | 6 | 9 |



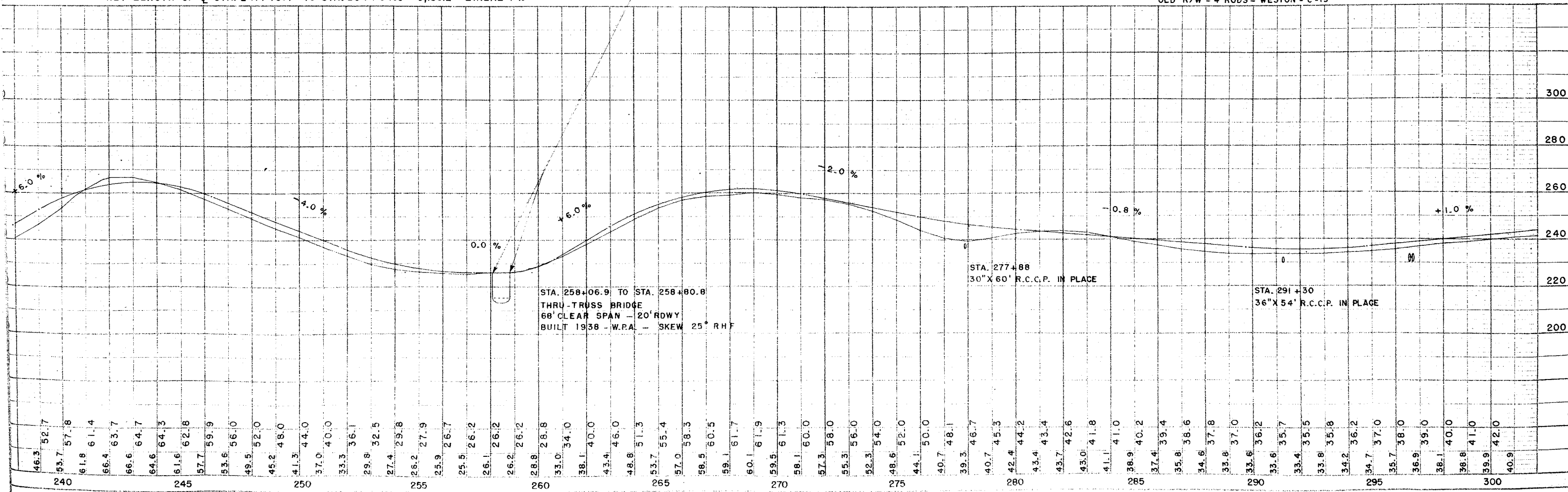
SEC 25
T 29 N
R 8 E

SEC 30
T 29 N
R 9 E

EXCEPTION TO NET CENTERLINE LENGTH
STA. 258+06.9 TO STA. 258+80.8

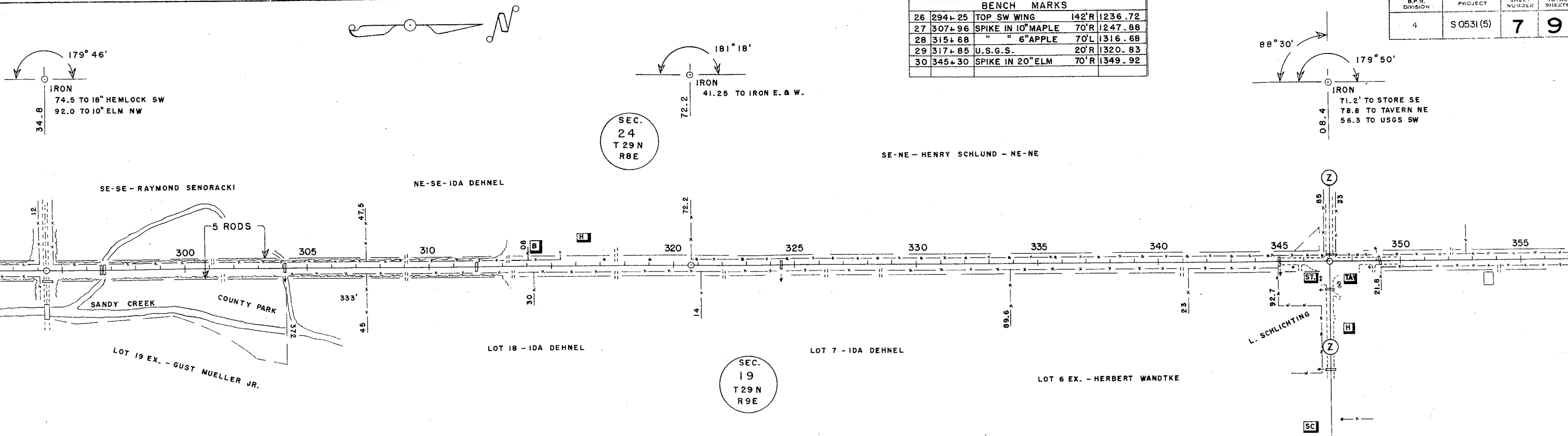
NET LENGTH OF C STA. 241+70.7 TO STA. 294+34.8 = 5,190.2 LINEAL FT.

OLD R/W - 4 RODS - WESTON - C-19



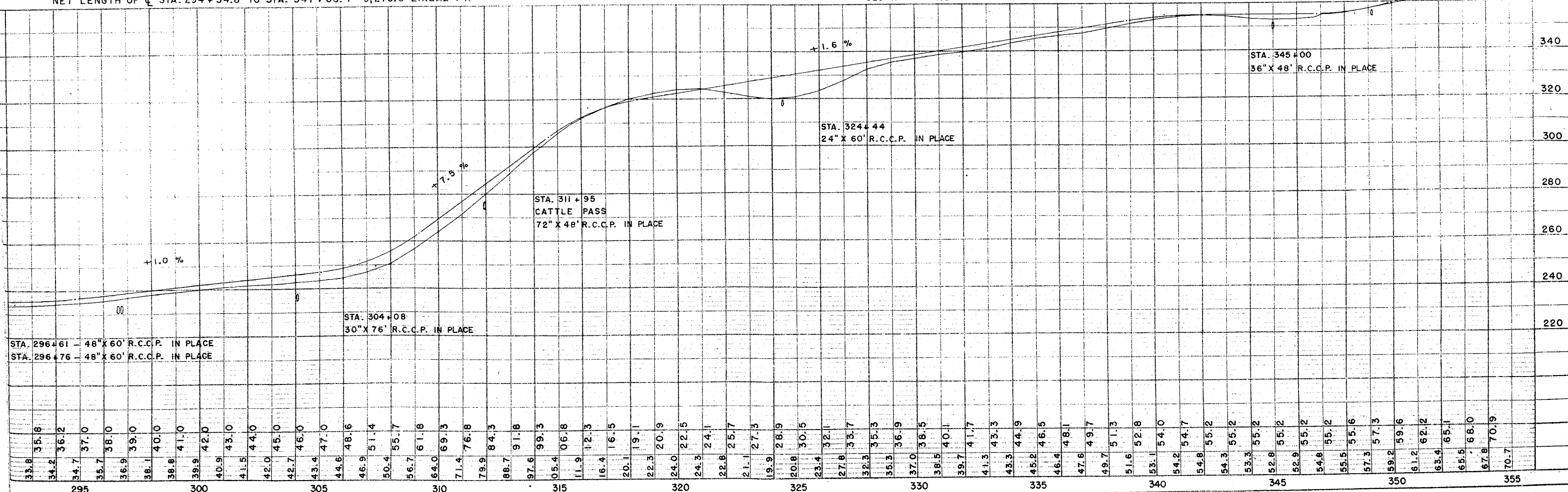
| R.P.R. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|-----------------|----------|--------------|--------------|
| 4 | S0531(5) | 7 | 9 |

| BENCH MARKS | | | |
|-------------|--------|--------------------|---------------|
| 26 | 294+25 | TOP SW WING | 142'R 1236.72 |
| 27 | 307+96 | SPIKE IN 10" MAPLE | 70'R 1247.88 |
| 28 | 315+68 | " 6" APPLE | 70'L 1316.68 |
| 29 | 317+85 | U.S.G.S. | 20'R 1320.83 |
| 30 | 345+30 | SPIKE IN 20" ELM | 70'R 1349.92 |



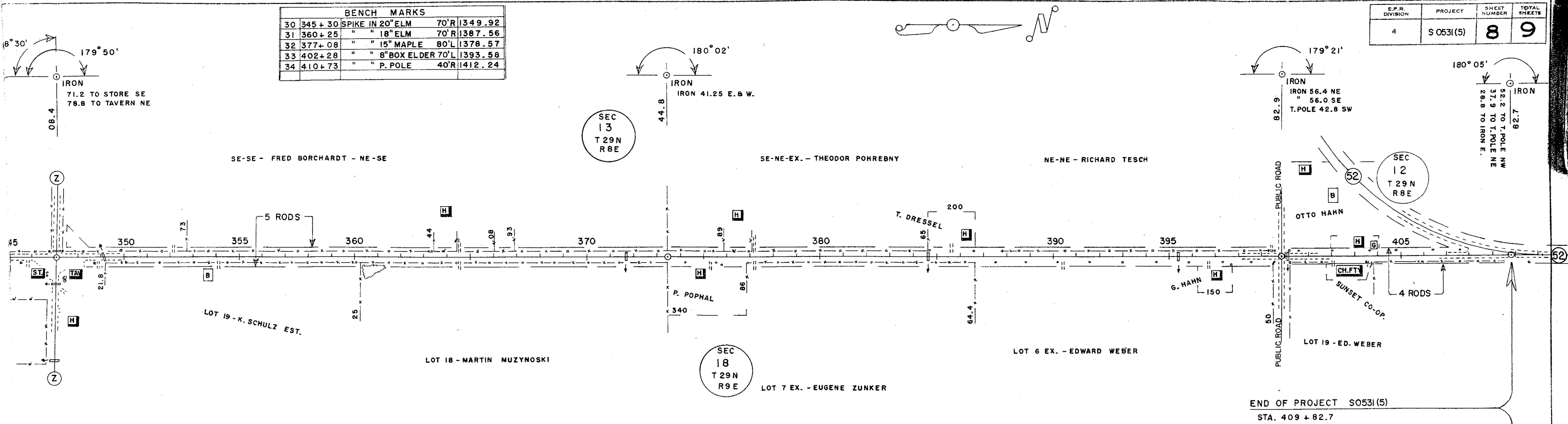
NET LENGTH OF C STA. 294+34.8 TO STA. 347+08.4 = 5,273.6 LINEAL FT.

OLD R/W - 4 RODS - 1859 - WESTON - C-19



| BENCH MARKS | | | | |
|-------------|--------|------------------|------|---------|
| 30 | 345+30 | SPIKE IN 20" ELM | 70'R | 1349.92 |
| 31 | 360+25 | " " 18" ELM | 70'R | 1387.56 |
| 32 | 377+08 | " " 15" MAPLE | 80'L | 1378.57 |
| 33 | 402+28 | " " 8" BOX ELDER | 70'L | 1393.58 |
| 34 | 410+73 | " " P. POLE | 40'R | 1412.24 |

| E.P.R. DIVISION | PROJECT | SHEET NUMBER | TOTAL SHEETS |
|-----------------|-----------|--------------|--------------|
| 4 | S 0531(5) | 8 | 9 |



NET LENGTH OF C STA. 347+08.4 TO STA. 409+82.7 = 6,274.3 LINEAL FT.

OLD R/W - 4 RODS - 1859 - WESTON - C-19

