

| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3                   | COLO. | F1 002-1(1) | 1         |              |

# INDEX OF SHEETS

(FOR P.S. 8E1)

- SHEET NO. 1. SKETCH MAP AND TITLE PAGE  
2. TYPICAL SECTION AND GENERAL NOTES.  
3. TABULATIONS OF BALLAST AND SURFACING.  
4. TABULATIONS OF FENCING AND SELECTED BORROW.  
5-27. ALIGNMENT PLAN AND PROFILE.

## COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID INTERSTATE PROJECT NO. F.1.002-1(1) STATE HIGHWAY NO. 185 LARIMER AND WELD COUNTIES.

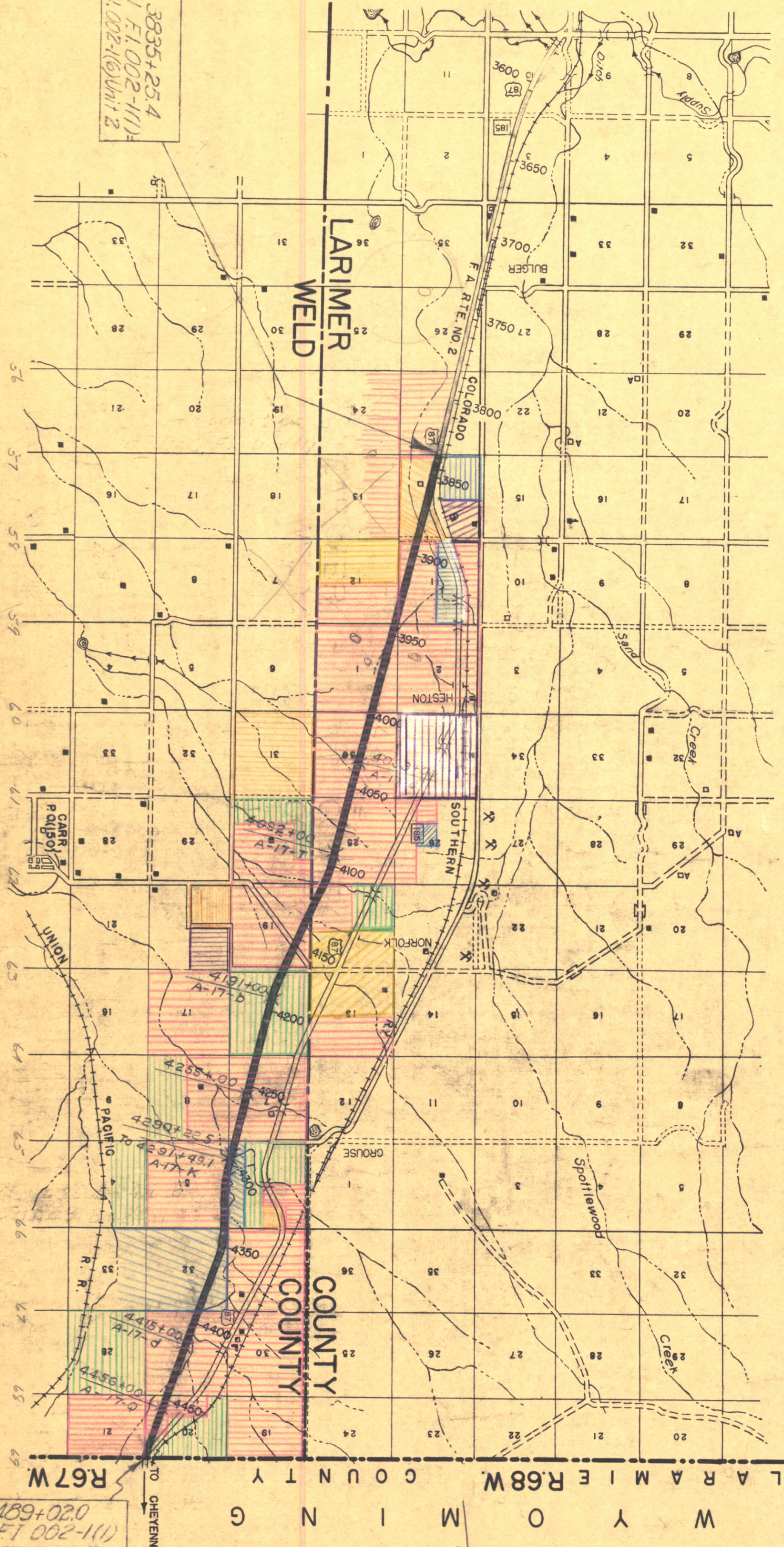
SCALES OF ORIGINAL TRACINGS  
ON PLAN, 1 IN. = 100 FT.  
ON PROFILE 1 1/2 IN. = 100 FT. HORIZONTAL  
1 1/2 IN. = 10 FT. VERTICAL  
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD  
GROSS LENGTH OF PROJECT } 65,376.6 FT. = 12.381 MI.  
NET LENGTH OF PROJECT }



T.10N

T.11N

T.12N



Scale in Miles

### CONVENTIONAL SIGNS

CENTER LINE OF SURVEY \_\_\_\_\_  
RIGHT OF WAY LINES \_\_\_\_\_  
COUNTY LINE \_\_\_\_\_  
TOWNSHIP LINES \_\_\_\_\_  
SECTION LINES \_\_\_\_\_  
ONE QUARTER SECTION LINES \_\_\_\_\_  
BARBED WIRE FENCE \_\_\_\_\_  
COMBINATION WIRE FENCE \_\_\_\_\_  
TELEPH. & TELEG. LINE \_\_\_\_\_  
POWER LINE \_\_\_\_\_

### NOTE:

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.

Harvey T. Stitt, District Engineer, Denver, Colorado.  
Edward W. Oviatt, Construction Engineer, Greeley, Colorado.

|                                                  |      |
|--------------------------------------------------|------|
| HIGHWAY DEPARTMENT<br>STATE OF COLORADO          |      |
| RECOMMENDED FOR APPROVAL                         | DATE |
| ASSISTANT ENGINEER                               | DATE |
| APPROVED:                                        | DATE |
| STATE HIGHWAY ENGINEER                           |      |
| DATE                                             |      |
| DEPARTMENT OF COMMERCE<br>BUREAU OF PUBLIC ROADS |      |
| RECOMMENDED FOR APPROVAL                         | DATE |
| DISTRICT ENGINEER                                | DATE |
| APPROVED:                                        | DATE |
| DIVISION ENGINEER                                | DATE |

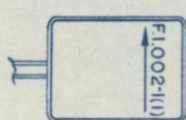






N.W. 1/4 SEC. 23

NOTE:  
Access back of STA. 3835 + 98.2  
Purchased on Proj. FI 002-1(16)



N.E. 1/4 SEC. 23 T.10N. R.68 W.

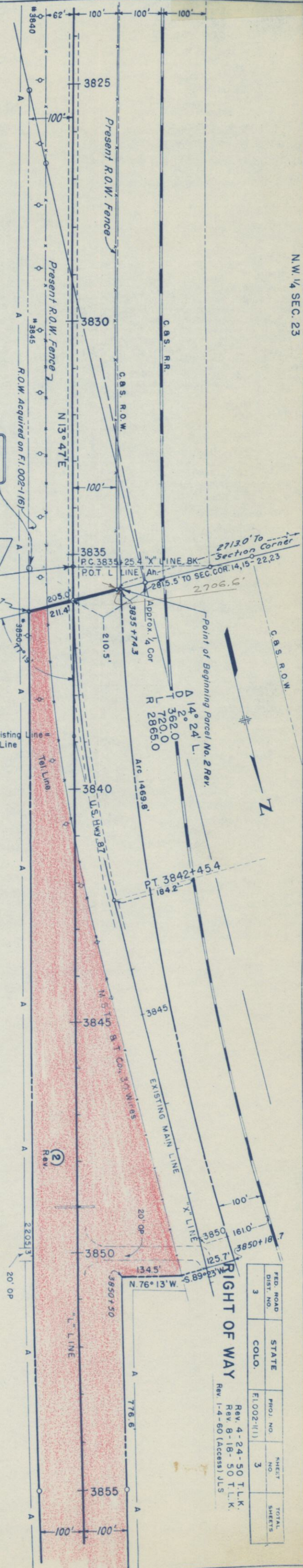
S.E. 1/4 SEC. 14 T.10N. R.68 W.

EXCAV. FACTOR  
EXCAV. X FACTOR  
EMBANK.  
STA. Y.D.O. H  
Y.D.M.O.H  
BORROW SOURCE

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-----------|--------------|
| 3                   | COLO. | F1002-1(1) | 3         |              |

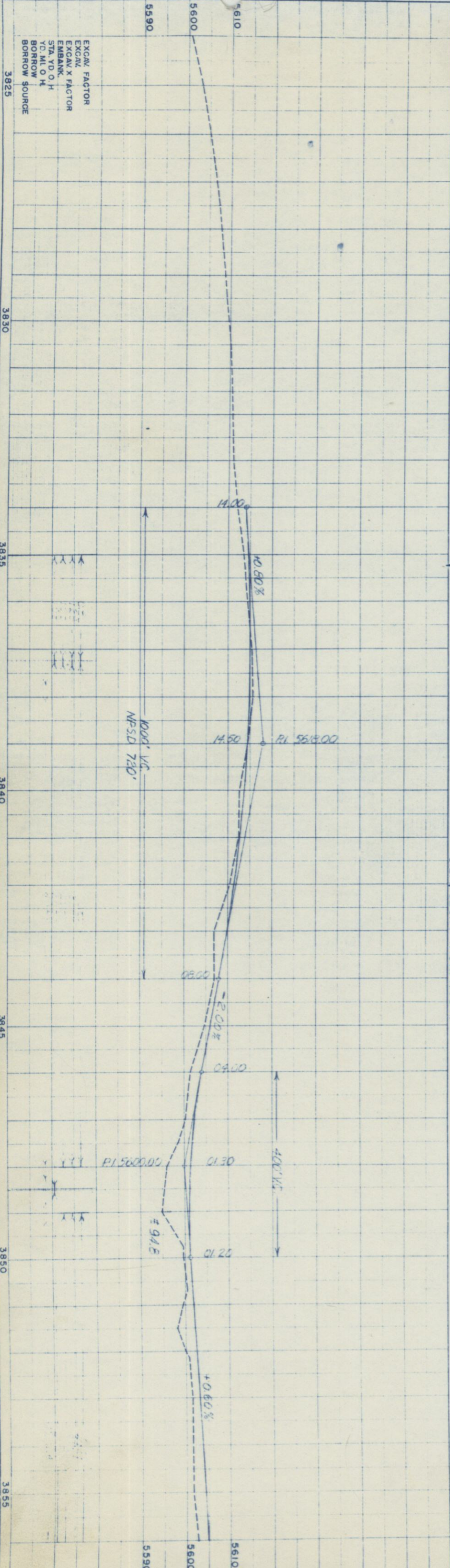
Rev. 4-24-50 T.L.K.  
Rev. 8-18-50 T.L.K.  
Rev. 1-4-60 (Access) JLS

RIGHT OF WAY

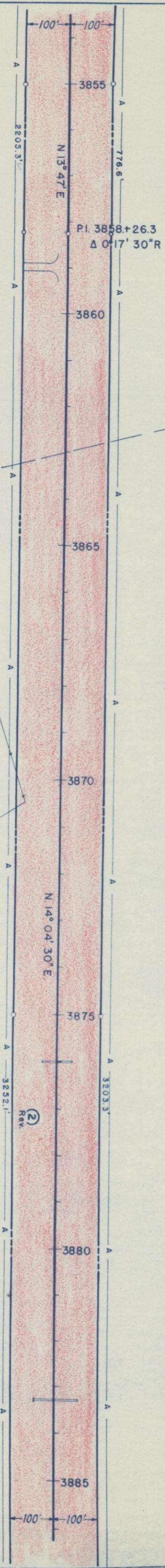


② ALEX E. & GLADYS BARRETT  
Rev 2002 S. LAFAYETTE  
DENVER, COLO.

① VOID





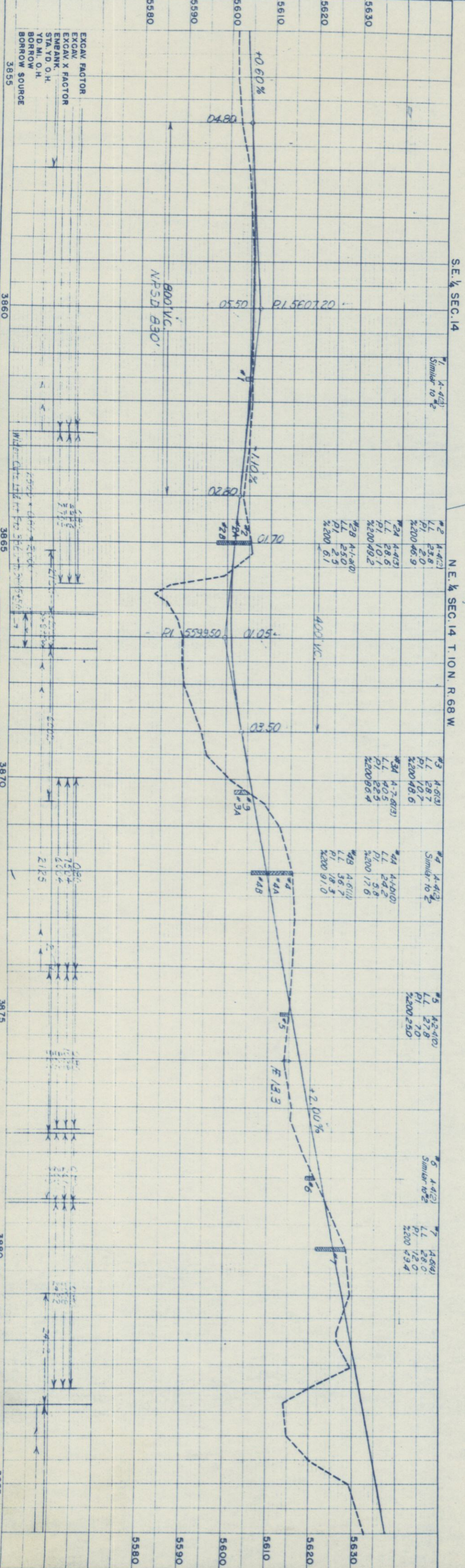


ALEX E. & GLADYS BARRETT  
Rev. 2002 S. LAFAYETTE  
DENVER, COLO.

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-----------|--------------|
| 3                   | COLO. | FLOOZ-II  | 4         |              |

RIGHT OF WAY

L Line Rev. 4-24-50 T.L.K.  
Rev. 1-4-60 (Access) J.L.S.









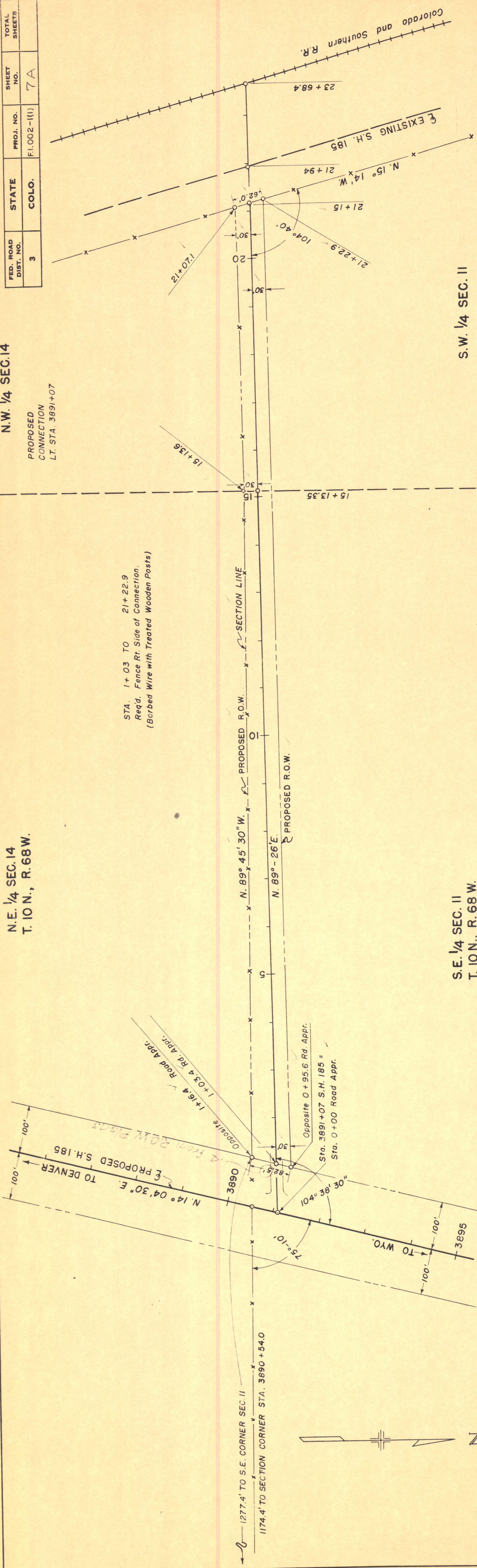




N.E. 1/4 SEC. 14  
T. 10N., R. 68W.

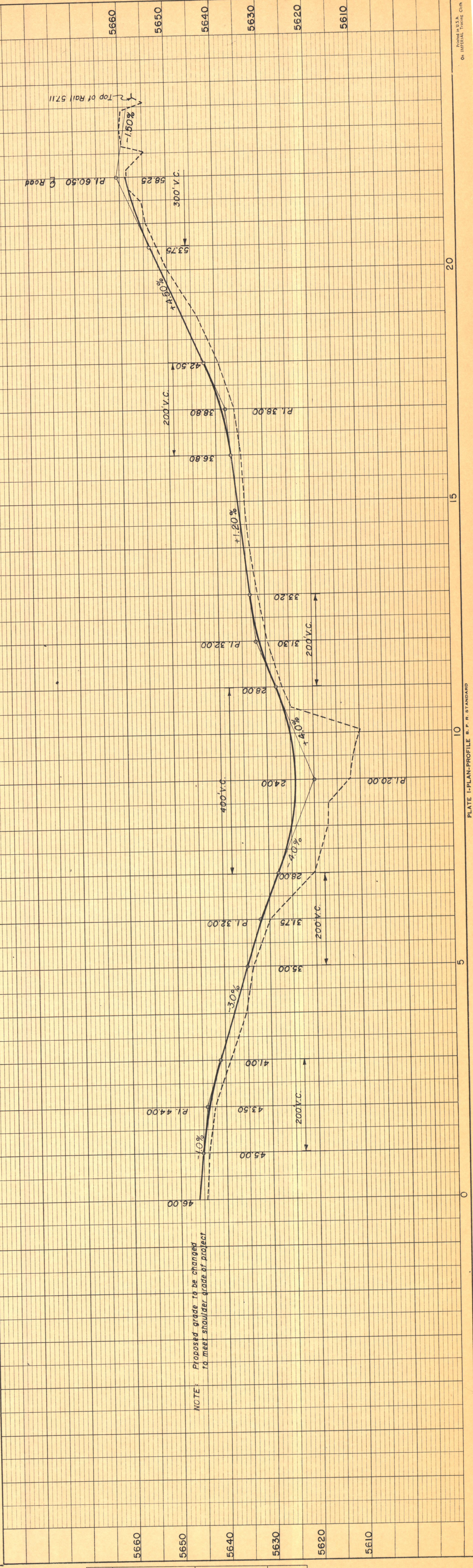
N.W. 1/4 SEC. 14  
PROPOSED  
CONNECTION  
LT. STA. 3891+07

| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO.  | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|------------|--------------|-----------------|
| 3                      | COLO. | FL002-1(1) | 7A           |                 |



S.E. 1/4 SEC. 11  
T. 10N., R. 68W.

S.W. 1/4 SEC. 11



| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
| 1   |      |    |          |

| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
| 1   |      |    |          |



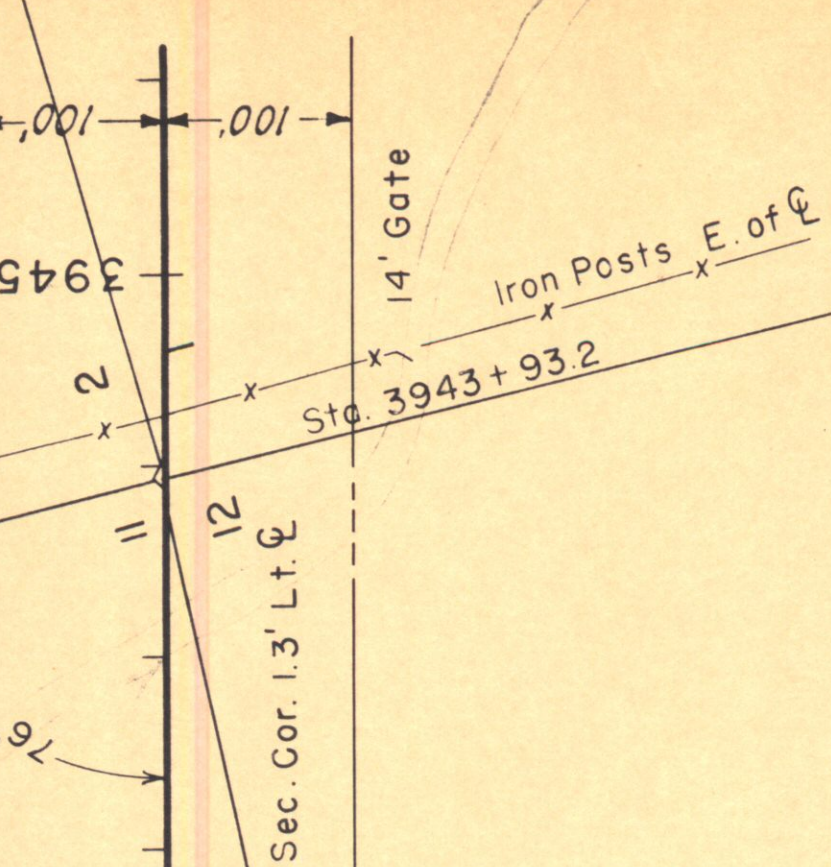
N.E. 1/4 SEC. 11 T. 10 N. R. 68 W. S.E. 1/4 SEC. 2 T. 10 N. R. 68 W.

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | SHEET TOTAL SHEETS |    |
|---------------------|-------|------------|--------------------|----|
|                     |       |            | NO.                | OF |
| 3                   | COLO. | FL002-1(1) | 6                  | 6  |

No Cor. Found  
Used Fence Cor.

3939+00~Reg'd 18"x26"  
Side Drain & Road Appl. Lt.  
Inlet & Outlet Ditches (W=10)

3934+00~Reg'd 24"x90"  
Cross Culv. Inlet & Outlet  
Ditches (W=10)



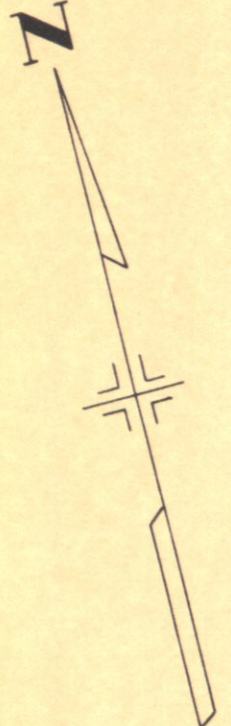
N. 14° 04' 30" E.

End Ditch

Overflow Ditch

Reservoir

Earth Dam H=4'

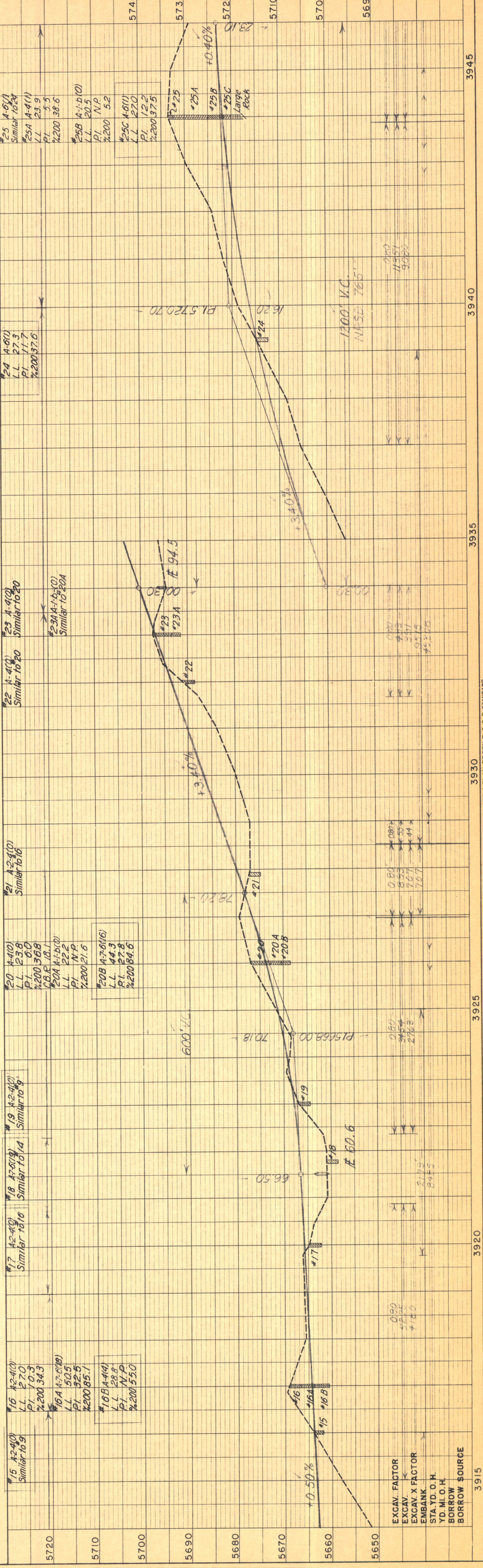


| DATE | BY |
|------|----|
|      |    |

|                    |           |
|--------------------|-----------|
| NO. 13605          | NOTE BOOK |
| ALIGNED            | PLOTTED   |
| RT. OF WAY CHECKED |           |

N.W. 1/4 SEC. 12

S.W. 1/4 SEC. 1



| DATE | BY |
|------|----|
|      |    |

|                 |           |
|-----------------|-----------|
| NO. 13608       | NOTE BOOK |
| STRUCTURE NOTED | PLOTTED   |
| GRADES CHECKED  |           |



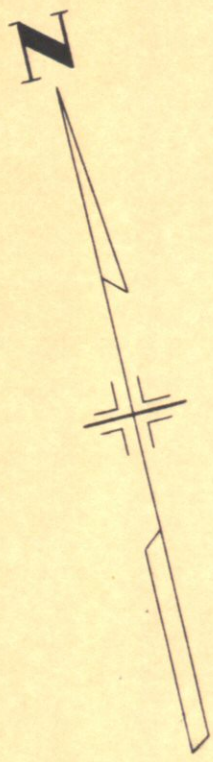




| FED. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-----------|--------------|
| 3                   | COLO. | F1002-11  | 10        |              |

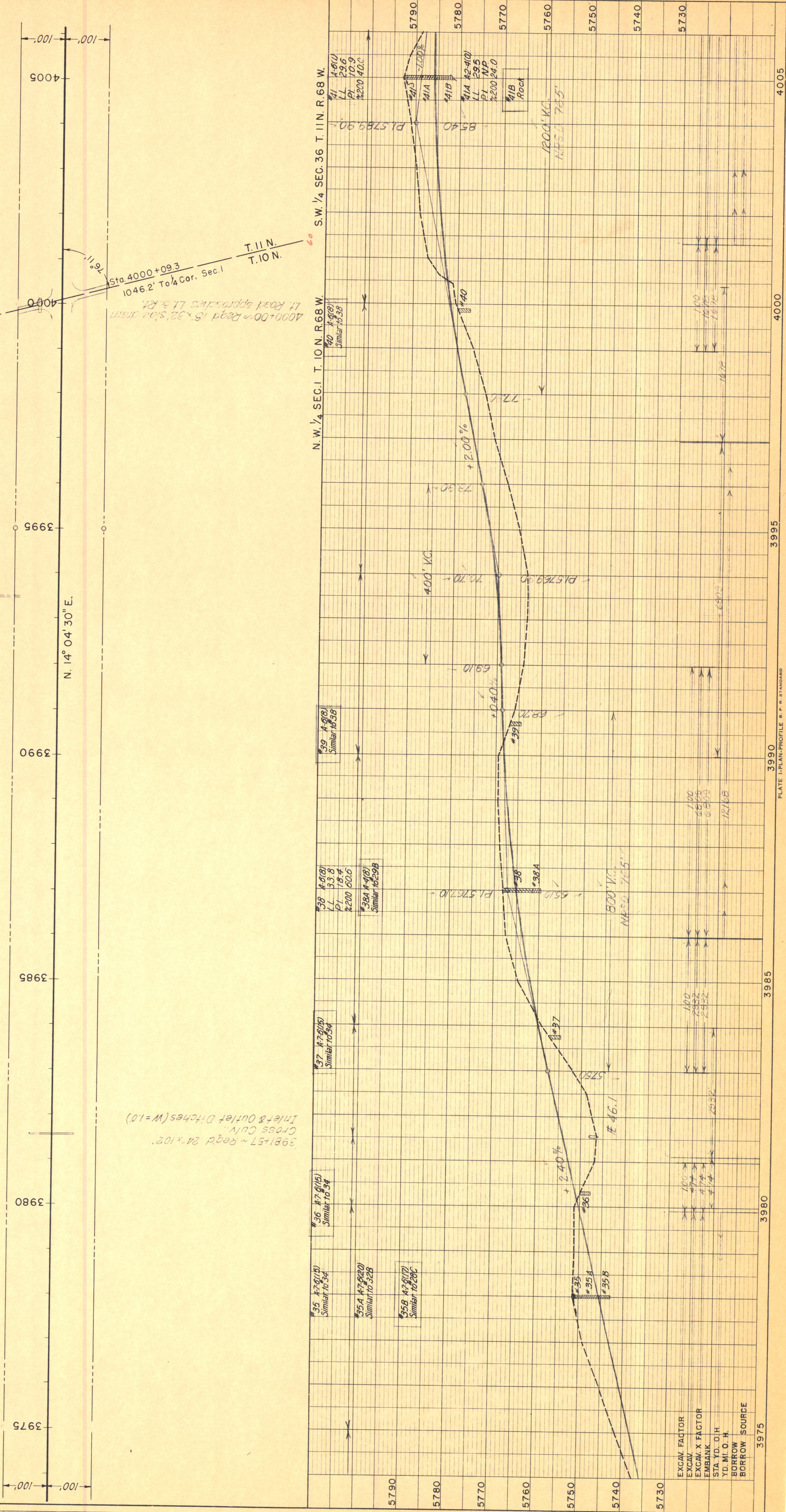
L Line

3993+50 Reg'd.  
Outlet Ditch Lt.  
for Drainage (W=10)



| PLAN            | NO. 13605          |
|-----------------|--------------------|
| SURVEYED        | NOTE BOOK          |
| ALIGNED CHECKED | MT. OF WAY CHECKED |
| PLOTTED         |                    |
| DATE            | BY                 |

| PROFILE        | NO. 13608                   |
|----------------|-----------------------------|
| SURVEYED       | NOTE BOOK                   |
| GRADES CHECKED | B.M. NOTED                  |
| PLOTTED        | STRUCTURE NOTATIONS CHECKED |
| DATE           | BY                          |



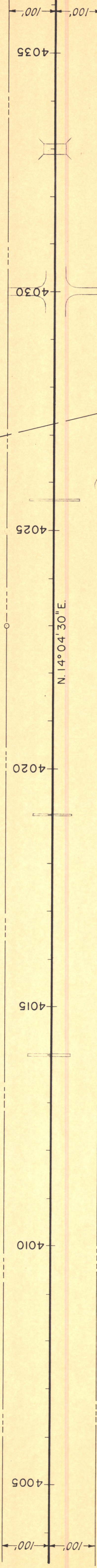


S.W. 1/4 SEC. 36 T.11N. R.68 W. N.W. 1/4 SEC. 36 T.11N. R.68 W.

| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3                   | COLO. | F1.002-1(1) | 11        | 11           |

L Line

4030+00 ~ Reg'd.  
Road Appr. Lt.



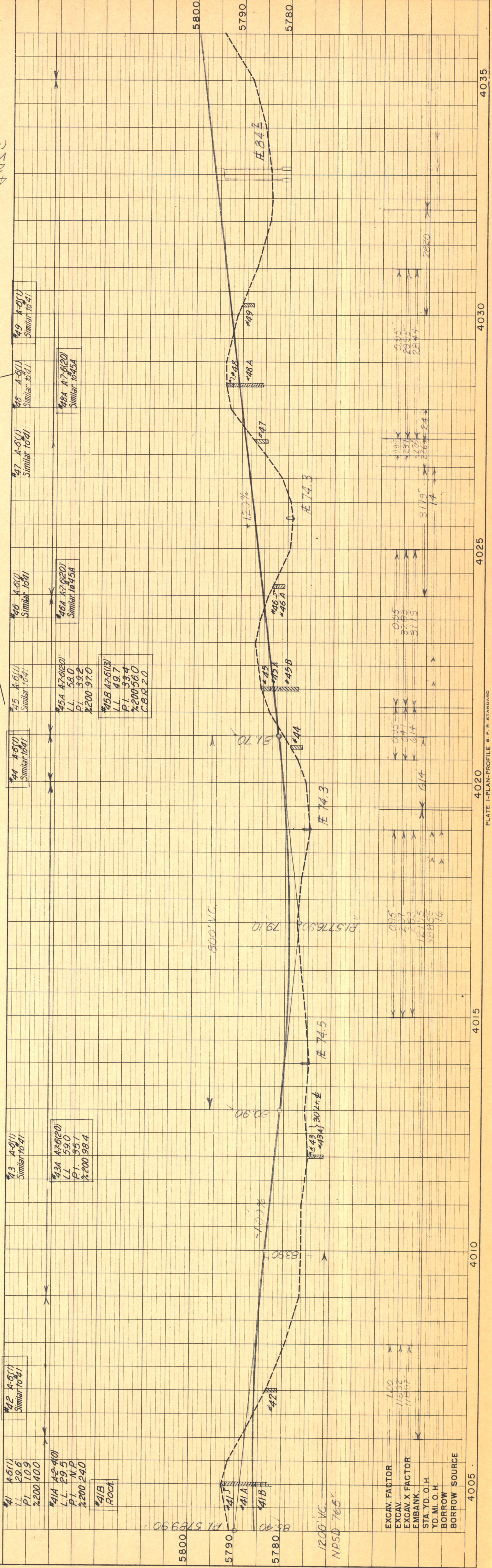
4025+63 ~ Reg'd. 24' x 108'  
Inlet & Outlet Ditches (W=10')

4019+00 ~ Reg'd. 24' x 84'  
Inlet & Outlet Ditch (W=10')

4014+00 ~ Reg'd.  
24' x 80' Cross Culv.  
Inlet & Outlet Ditch (W=10')

4033+00 ~ Reg'd.  
20' x 12' x 44' C.B.C.  
With Struts  
(Stock Pass)

4030+00 ~ Reg'd.  
Road Appr. Lt.



|                 |      |
|-----------------|------|
| EXCAV. FACTOR   | 1.20 |
| EXCAV. X FACTOR | 1.15 |
| EMBANK.         | 1.15 |
| STA. YD. O.H.   |      |
| YD. M.O.H.      |      |
| BORROW SOURCE   |      |

|          |           |
|----------|-----------|
| PLAN     | NO. 13605 |
| SURVEYED | NOTE BOOK |
| ALIGNED  | FLOTTED   |
| BY       | DATE      |

|          |           |
|----------|-----------|
| PROFILE  | NO. 13608 |
| SURVEYED | NOTE BOOK |
| ALIGNED  | FLOTTED   |
| BY       | DATE      |

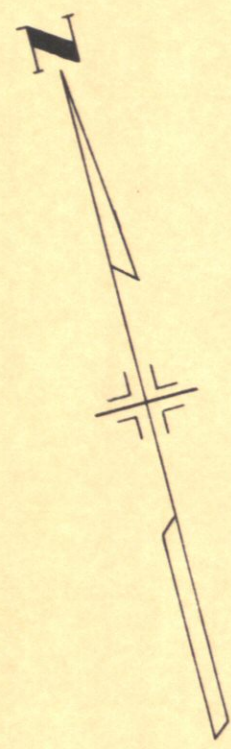






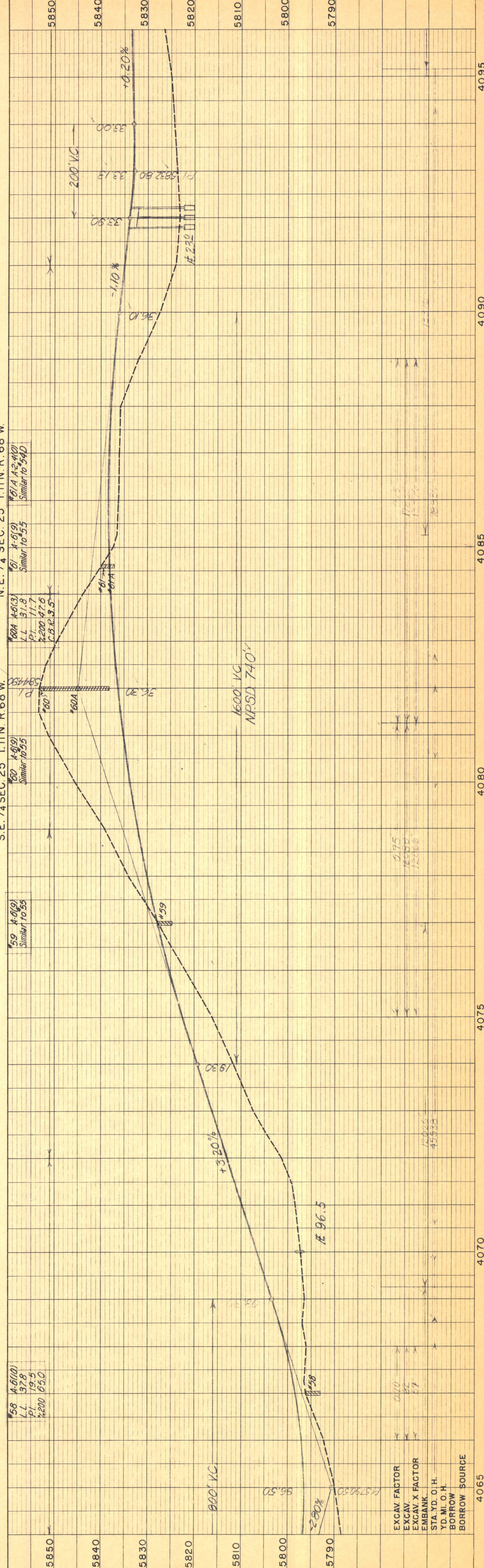
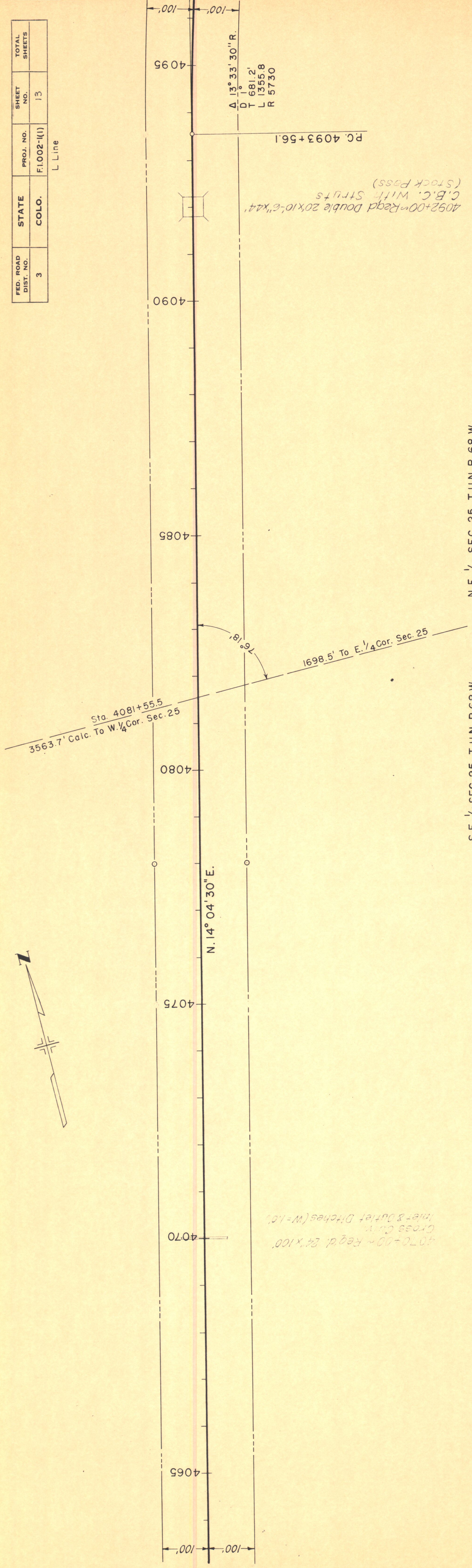
| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3                   | COLO. | F.1002-1(1) | 13        |              |

L Line



| PLAN           | NO. 13605       |
|----------------|-----------------|
| SURVEYED       | NOTE BOOK       |
| GRADES CHECKED | ALIGNED CHECKED |
| BT             | DATE            |

| PROFILE        | NO. 13608       |
|----------------|-----------------|
| SURVEYED       | NOTE BOOK       |
| GRADES CHECKED | ALIGNED CHECKED |
| BT             | DATE            |









S.E. 1/4 SEC. 24 T.11N. R.68W.

Approx. 1/4 Cor.  
Used Fence Cor.

COUNTY  
R.68W.  
WELD  
LARMER  
R.67W.

Iron Posts

4142+00 ~ Reg'd 18"x30"  
side drain & road apprx. Lt.

4142+00 ~ Reg'd 18"x30"  
side drain & road

No Barb Wire

4138+00 ~ Reg'd 48"x8"  
Cross Culv.

4155+00 ~ Reg'd 24"x66"  
Cross Culv.  
Inlet & Outlet Ditches (W=1.0)

L Line

| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3                   | COLO. | FI.002-1(1) | 15        |              |

|                          |      |
|--------------------------|------|
| NO. 13605                | PLAN |
| NOTE BOOK                |      |
| STRUCTURE NOTATIONS CHKD |      |
| BY                       | DATE |

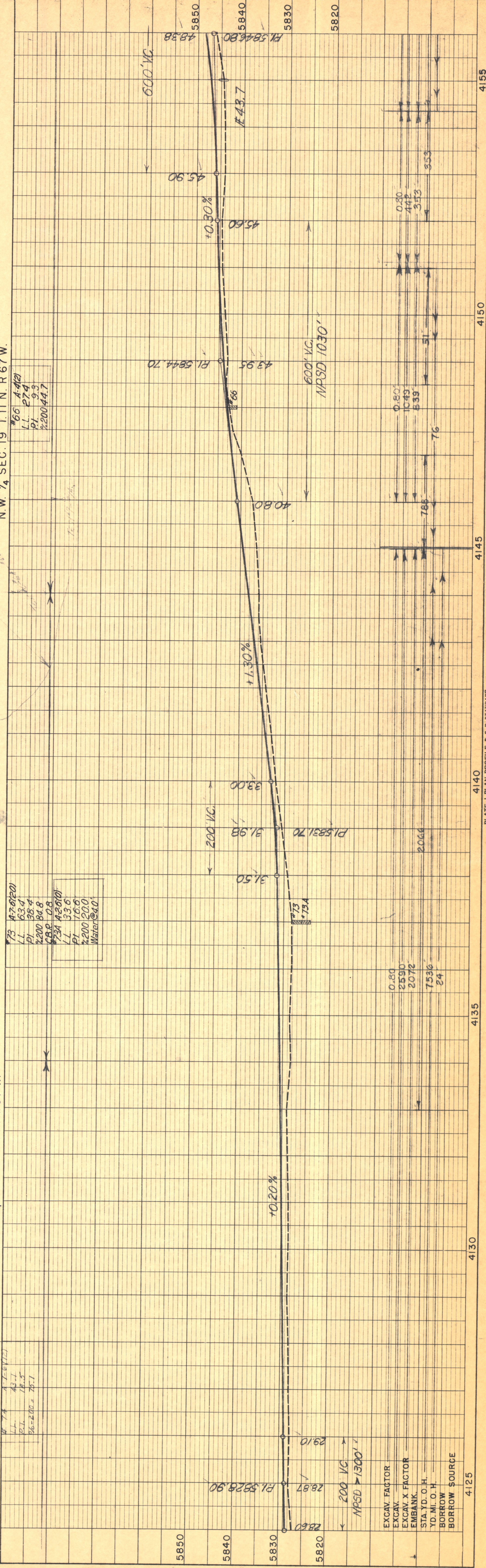
S.W. 1/4 SEC. 19 T.11N. R.67W.

N.W. 1/4 SEC. 19 T.11N. R.67W.

|         |         |
|---------|---------|
| #73     | 4270.20 |
| LL      | 63.4    |
| PI      | 38.4    |
| 2200    | 84.8    |
| 68.8    | 0.8     |
| #73A    | 4261.00 |
| LL      | 33.6    |
| PI      | 16.6    |
| 2200    | 200     |
| Water @ | 4.0     |

|      |      |
|------|------|
| #66  | 4442 |
| LL   | 27.4 |
| PI   | 9.9  |
| 2200 | 44.7 |

|                          |         |
|--------------------------|---------|
| NO. 13609                | PROFILE |
| NOTE BOOK                |         |
| STRUCTURE NOTATIONS CHKD |         |
| BY                       | DATE    |





S.W. 1/4 SEC. 18 T. 11 N. R. 67 W.

| FED. ROAD DIST. NO. | STATE | COLO. | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------|--------------|-----------|--------------|
| 3                   |       |       | F.1.002-1(1) | 10        |              |

Δ 14° 20' 30" L  
D 1°  
T 7209  
L 14342  
R 5730

L Line  
PT. 4181+44.0  
N 13° 17' 30" E

4180+00 ~ Reg'd. 24" x 110"  
Inlet & Outlet Ditches (W=1.0)

P.I. 4174+30.7

4168+00 ~ Reg'd. 30" x 102"  
Cross Culv.  
Inlet & Outlet Ditches (W=1.0)

4159+00 ~ Reg'd. 24" x 68"  
Cross Culv.  
Inlet & Outlet Ditches (W=1.0)

4158+49 ~ Reg'd.  
Road Appr. Rt.

4158+49 ~ Reg'd.  
Road Appr. Lt.

14' Gate

14' Gate

14' Gate

14' Gate

14' Gate

14' Gate

14' Gate

14' Gate

14' Gate

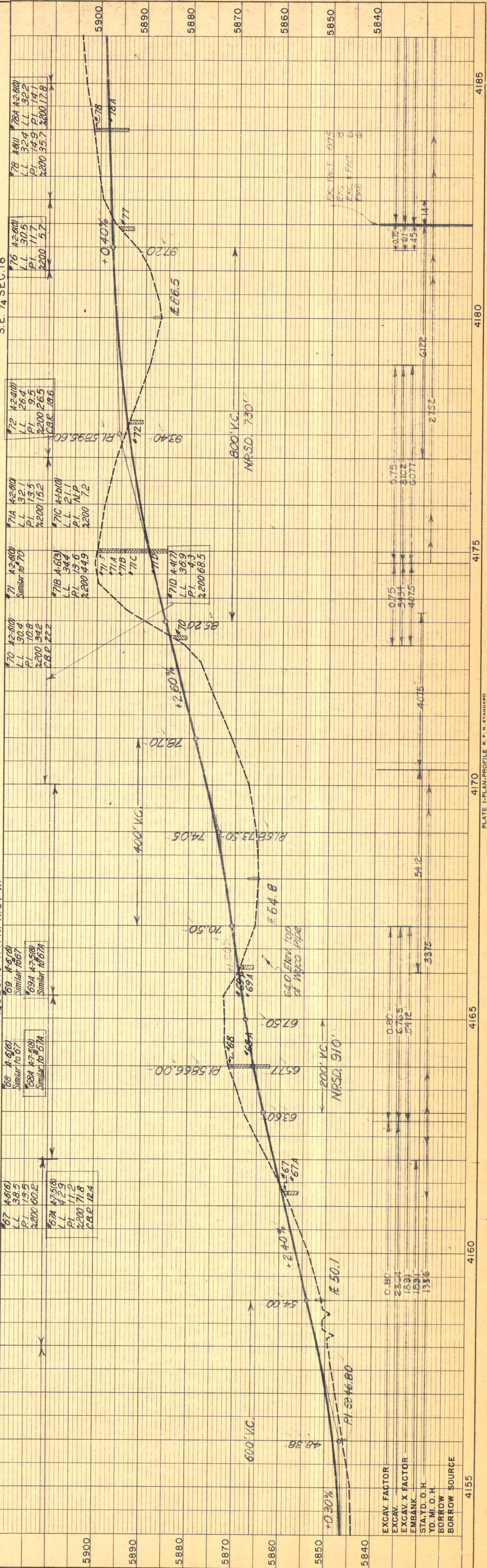
14' Gate

14' Gate

| PLAN               |
|--------------------|
| NO. 13605          |
| NOTE BOOK          |
| AT. OF MAY CHECKED |
| PLOTTED            |
| SURVEYED           |
| DATE               |
| BY                 |

N.W. 1/4 SEC. 19 T. 11 N. R. 67 W.

S.E. 1/4 SEC. 18

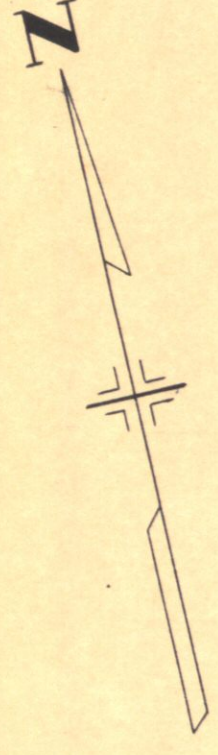


| PROFILE            |
|--------------------|
| NO. 13609          |
| NOTE BOOK          |
| AT. OF MAY CHECKED |
| PLOTTED            |
| SURVEYED           |
| DATE               |
| BY                 |



S.W. 1/4 SEC. 18 T.11 N. R. 67 W.

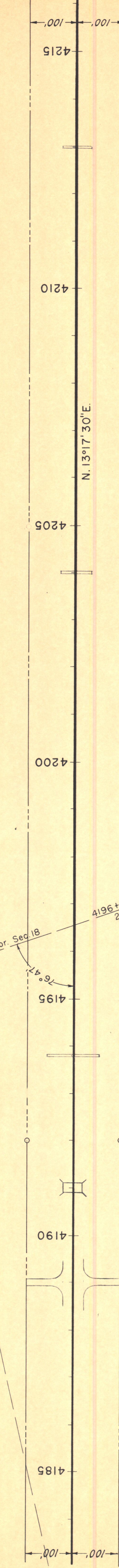
No Cor. Found  
Used Fence Cor.



| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3                   | COLO. | F1.002-1(1) | 17        |              |

L Line

| DATE | BY | SURVEYED | NOTE BOOK | NO. 13605 |
|------|----|----------|-----------|-----------|
|      |    |          |           |           |



4189+00 ~ Reg'd Road Approaches  
Lt & Rt

4191+00 ~ Reg'd 20'x10'x44' C.B.C.

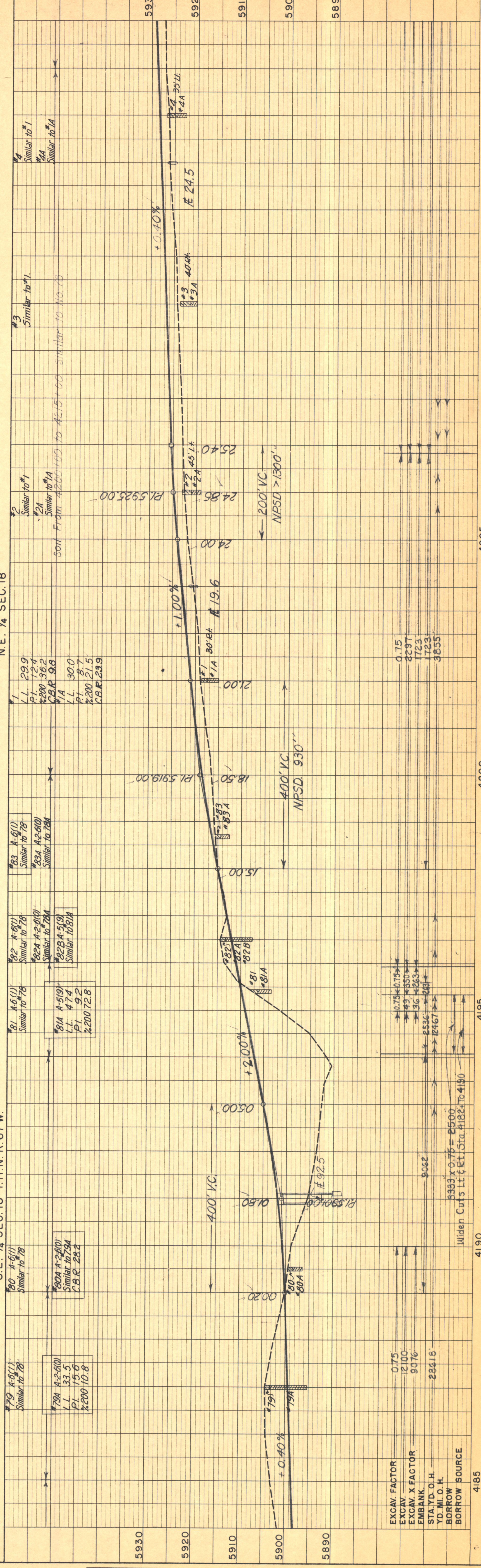
4193+79 ~ Reg'd 36"x110"  
Cross Culv.

4204+00 ~ Reg'd 24"x66"  
Cross Culv.  
Inlet & Outlet Ditches (W=10')

4213+00 ~ Reg'd 24"x62"  
Cross Culv.  
Inlet & Outlet Ditches (W=10')

S.E. 1/4 SEC. 18 T.11 N. R. 67 W.

N.E. 1/4 SEC. 18



| DATE | BY | SURVEYED | NOTE BOOK | NO. 13609 |
|------|----|----------|-----------|-----------|
|      |    |          |           |           |



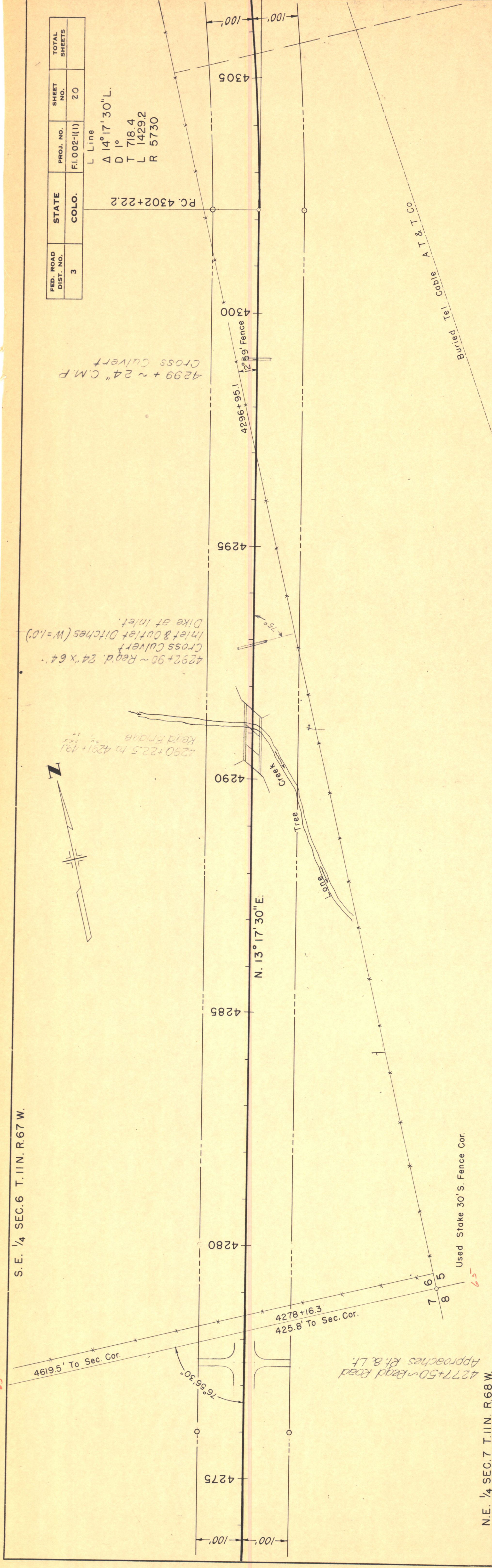








S.E. 1/4 SEC. 6 T. 11N. R. 67W.



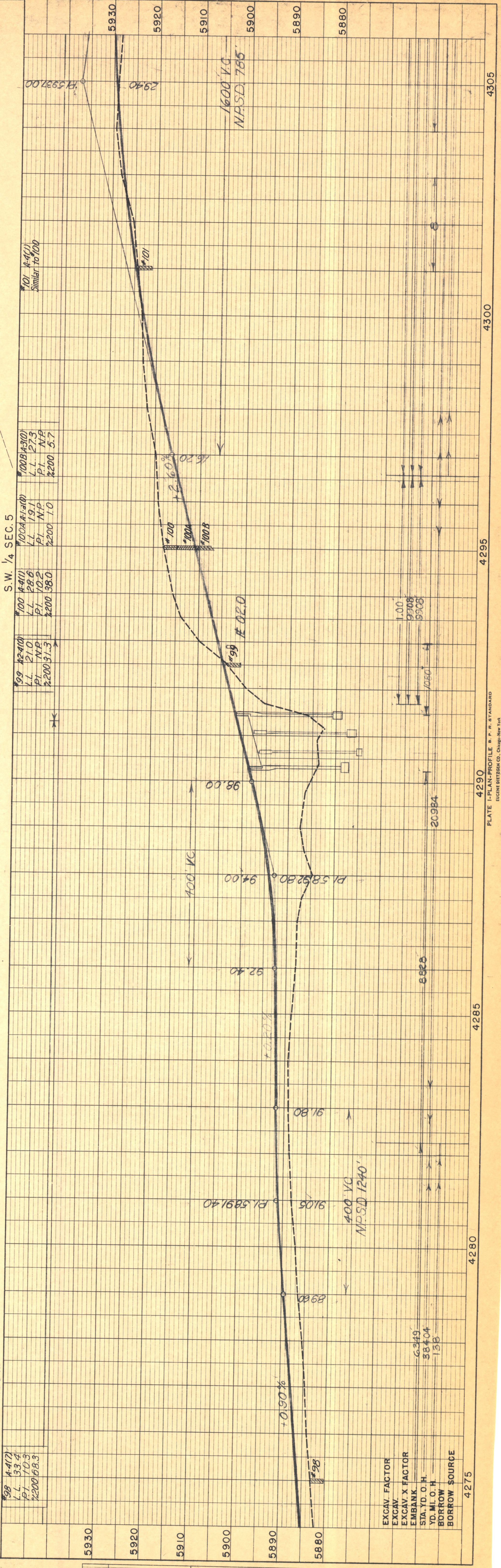
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-----------|--------------|
| 3                   | COLO. | FL002-1(1) | 20        |              |

L Line  
Δ 14° 17' 30" L.  
D 1°  
T 718.4  
L 1429.2  
R 5730

4299 + ~ 24" C.M.P.  
Cross Culvert

4292 + 90 ~ Road. 24" x 64"  
Cross Culvert  
Inlet & Outlet Ditches (W=1.0')  
Dike at Inlet.

4290 + 22.5 to 4291 + 49.1  
Key Profile



| S.W. 1/4 SEC. 5 |           |          |          |
|-----------------|-----------|----------|----------|
| 100             | 100       | 100      | 100      |
| LL 21.0         | LL 28.6   | LL 19.1  | LL 27.3  |
| PI 21.0         | PI 28.6   | PI 19.1  | PI 27.3  |
| 2200 31.3       | 2200 38.0 | 2200 1.0 | 2200 5.7 |

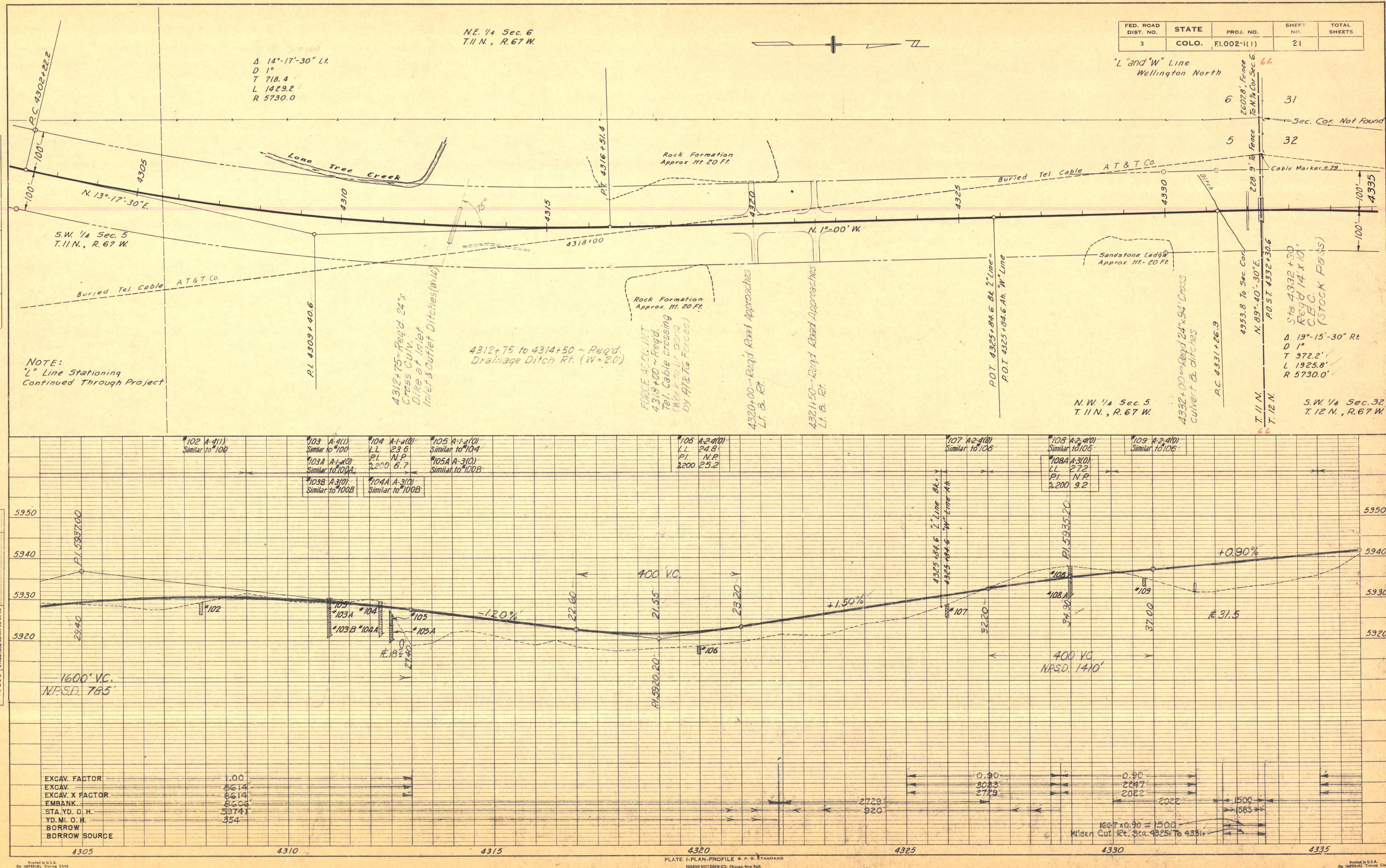
| PROFILE                 |                |
|-------------------------|----------------|
| NO. 13609               | NOTE BOOK      |
| STRUCTURE NOTATION CHKD | GRADES CHECKED |
| DATE                    | BY             |

| PLAN              |           |
|-------------------|-----------|
| NO. 13605         | NOTE BOOK |
| ALIGNMENT CHECKED | FLATTED   |
| DATE              | BY        |



| PLAN      | DATE  | BY             | DATE  | BY             |
|-----------|-------|----------------|-------|----------------|
| NOTE BOOK | 9-47  | H. J. Winter   | 9-47  | H. J. Winter   |
| 13603     | 10-47 | R. E. Mortimer | 10-47 | R. E. Mortimer |
| NO. 13683 |       |                |       |                |
| NO. 13683 |       |                |       |                |

| PROFILE   | DATE  | BY             | DATE  | BY             |
|-----------|-------|----------------|-------|----------------|
| NOTE BOOK | 9-47  | H. J. Winter   | 9-47  | H. J. Winter   |
| 13603     | 10-47 | R. E. Mortimer | 10-47 | R. E. Mortimer |
| NO. 13683 |       |                |       |                |
| NO. 13683 |       |                |       |                |















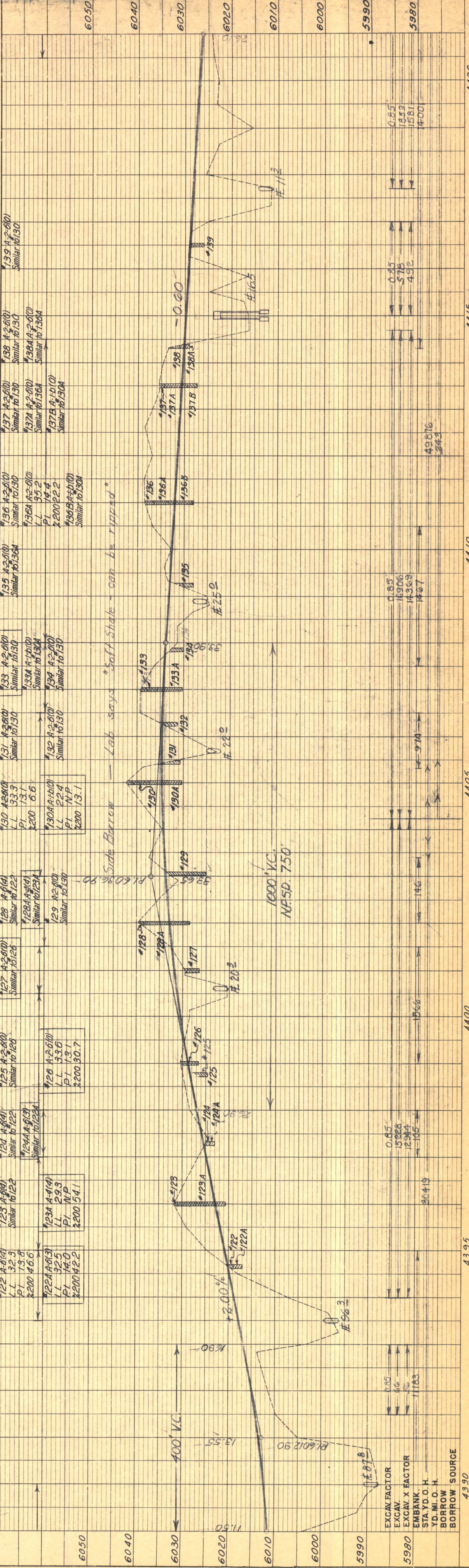
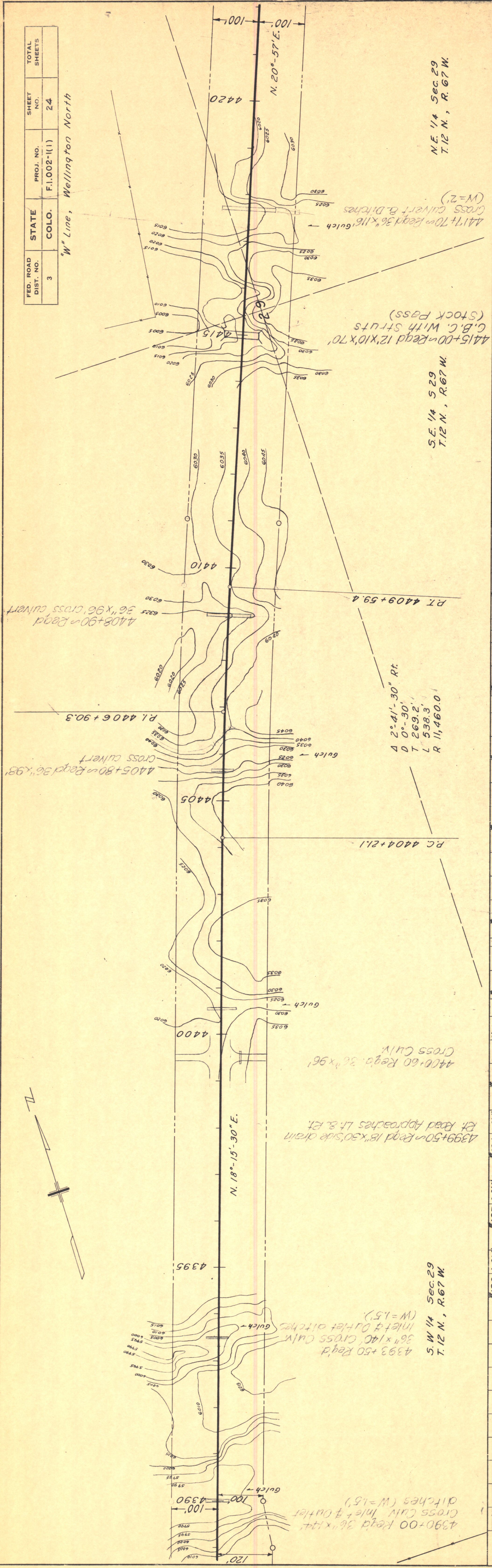


| FED. ROAD DIST. NO. | STATE | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-----------|--------------|
| 3                   | COLO. | F.1.002-1(1) | 24        |              |

W Line, Wellington North

NE 1/4 Sec. 29  
T.12 N., R. 67 W.

SE 1/4 Sec. 29  
T.12 N., R. 67 W.



| STATION | ELEVATION | REMARKS              |
|---------|-----------|----------------------|
| 4390    | 5980      | EXCAV. FACTOR        |
| 4390    | 5980      | EXCAV. X FACTOR      |
| 4390    | 5980      | EMBANK. STA. Y.O. H. |
| 4390    | 5980      | Y.O. MI. O. H.       |
| 4390    | 5980      | BORROW SOURCE        |

ON MATERIAL TYPICAL CHN

PLATE 1-PLAN-PROFILE B. P. R. STANDARD  
EUGENE BOUTIN CO. Chicago, Ill.

| DATE | BY            | NOTE BOOK | ALIGNED | NOTED | NOTED |
|------|---------------|-----------|---------|-------|-------|
| 9-47 | R. L. Markley | NO. 3683  | NOTED   | NOTED | NOTED |

| DATE | BY            | NOTE BOOK | ALIGNED | NOTED | NOTED |
|------|---------------|-----------|---------|-------|-------|
| 9-47 | R. L. Markley | NO. 3683  | NOTED   | NOTED | NOTED |



| FED. ROAD DIST. NO. | STATE | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-----------|--------------|
| 3                   | COLO. | F.1.002-1(1) | 25        |              |

"W" Line, Wellington North

| DATE  | BY           | NOTED   | NO. 3683 |
|-------|--------------|---------|----------|
| 10-27 | H. J. Winter | ALIGNED | NO. 3683 |
| 10-27 | H. J. Winter | PLANNED | NO. 3683 |
| 10-27 | H. J. Winter | NOTED   | NO. 3683 |

| DATE  | BY           | NOTED   | NO. 3683 |
|-------|--------------|---------|----------|
| 10-27 | H. J. Winter | ALIGNED | NO. 3683 |
| 10-27 | H. J. Winter | PLANNED | NO. 3683 |
| 10-27 | H. J. Winter | NOTED   | NO. 3683 |

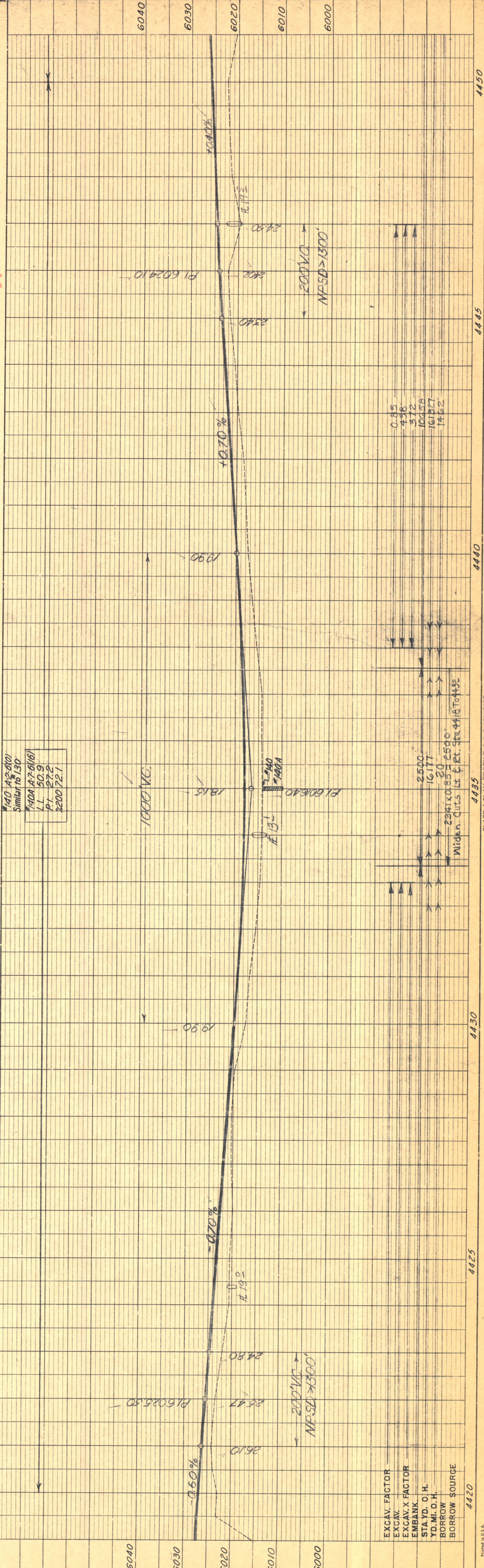
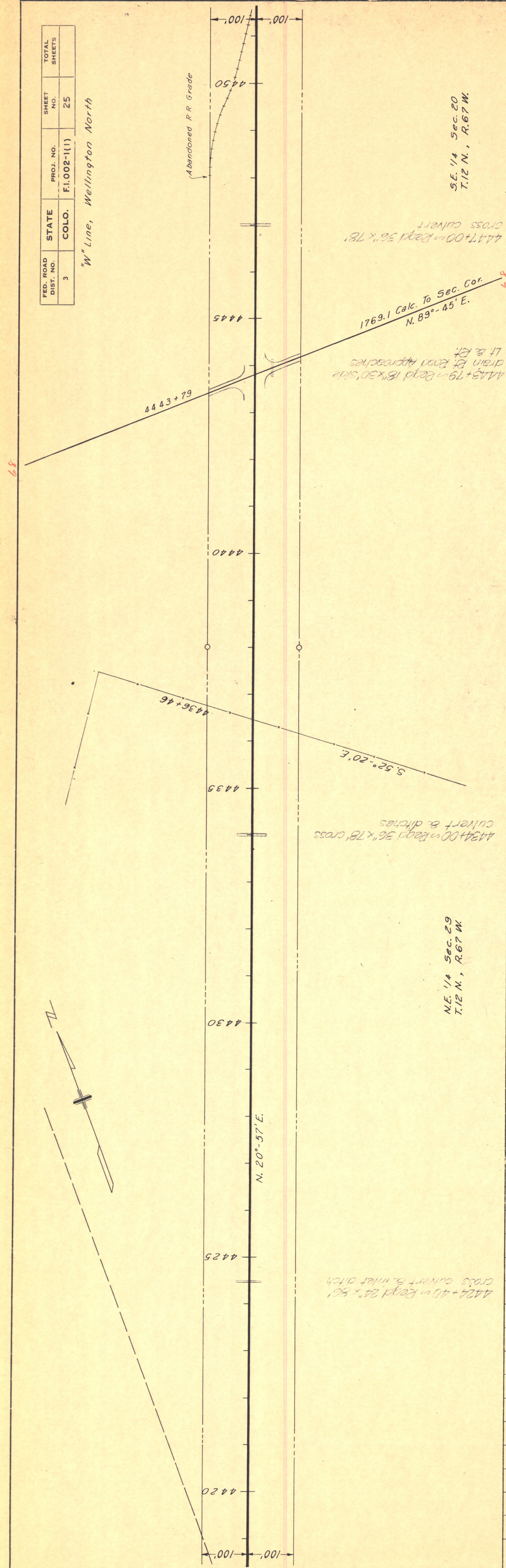


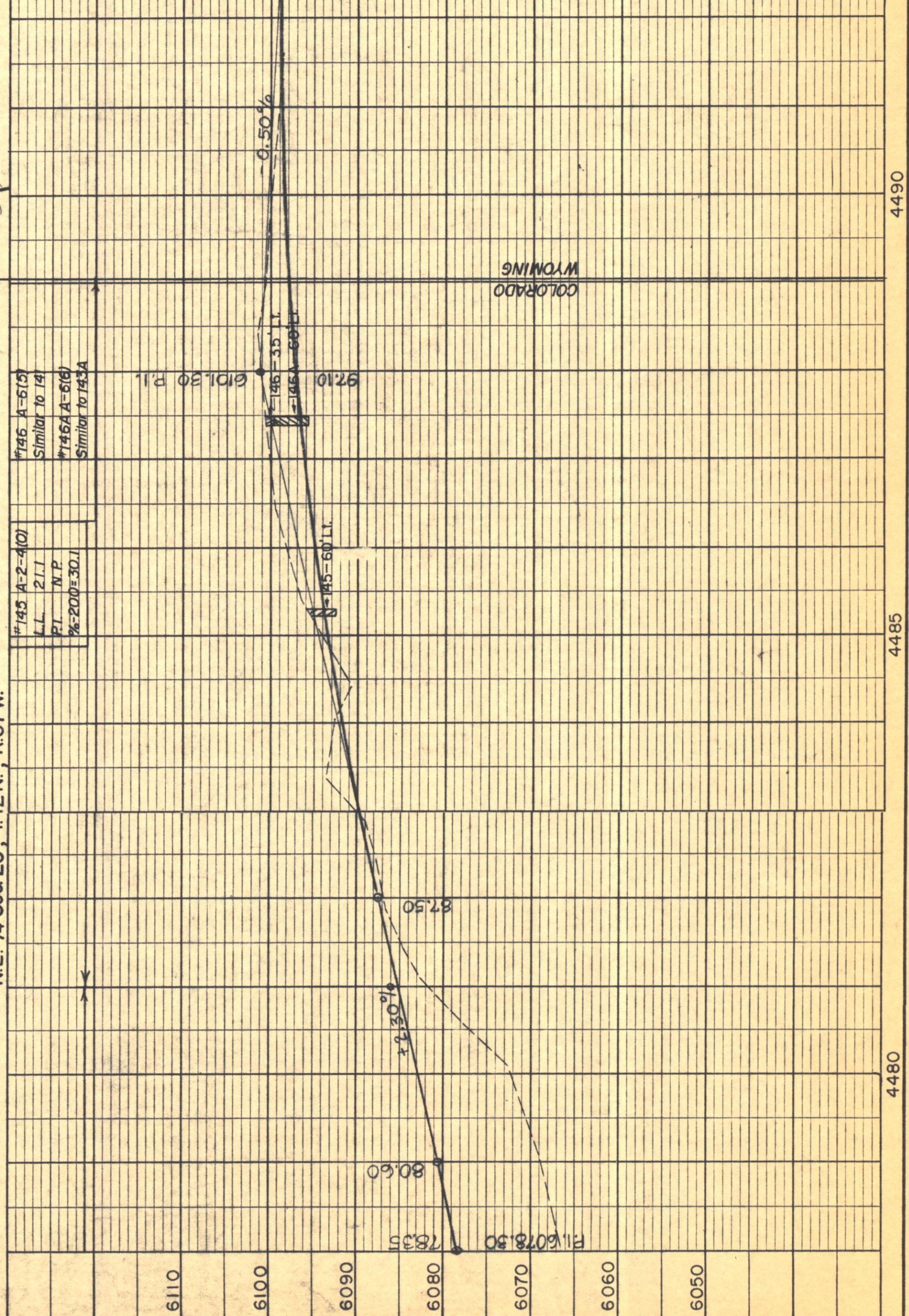
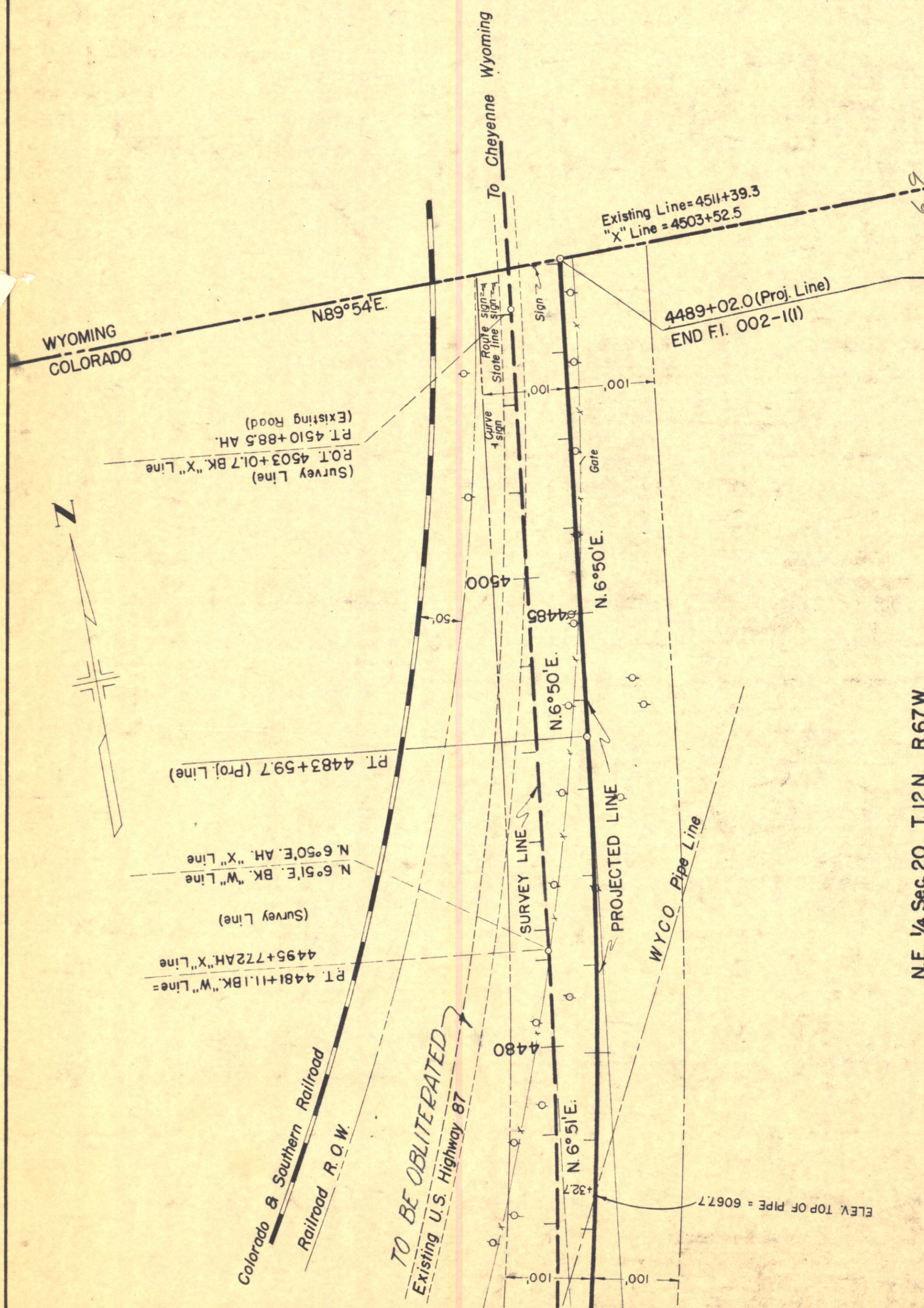
PLATE 1-PLAN-PROFILE R. P. STANDARD  
EUGENE DITTMER CO. CHICAGO, ILL.







| FED. ROAD<br>DIV. NO. | DIST. | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|--------------|--------------|-----------------|
| 9                     | COLO. | F.I. 002-(1) | 27           |                 |



| PLAN      | DATE |
|-----------|------|
| SURVEYED  |      |
| PLOTTED   |      |
| NOTE BOOK |      |
| ALIGNED   |      |
| CHECKED   |      |
| BY        |      |

| PROFILE        | DATE |
|----------------|------|
| SURVEYED       |      |
| PLOTTED        |      |
| NOTE BOOK      |      |
| GRADES CHECKED |      |
| BY             |      |