| TYPE | YEAR | PROJECT NO. | SHEET NO. |
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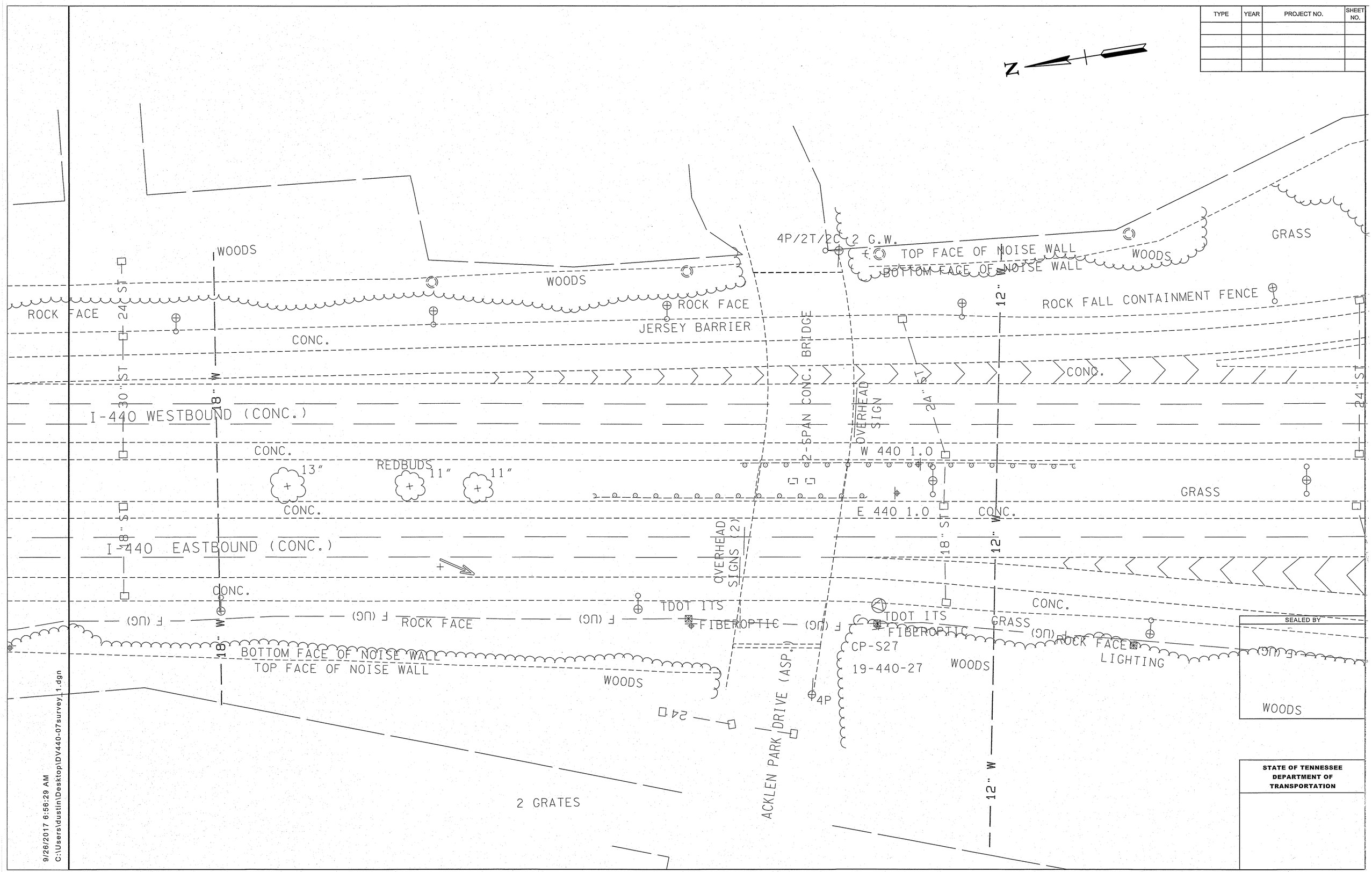


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TRANSPORTATION

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| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 1983 | I-440-4(53)206 | 84 |
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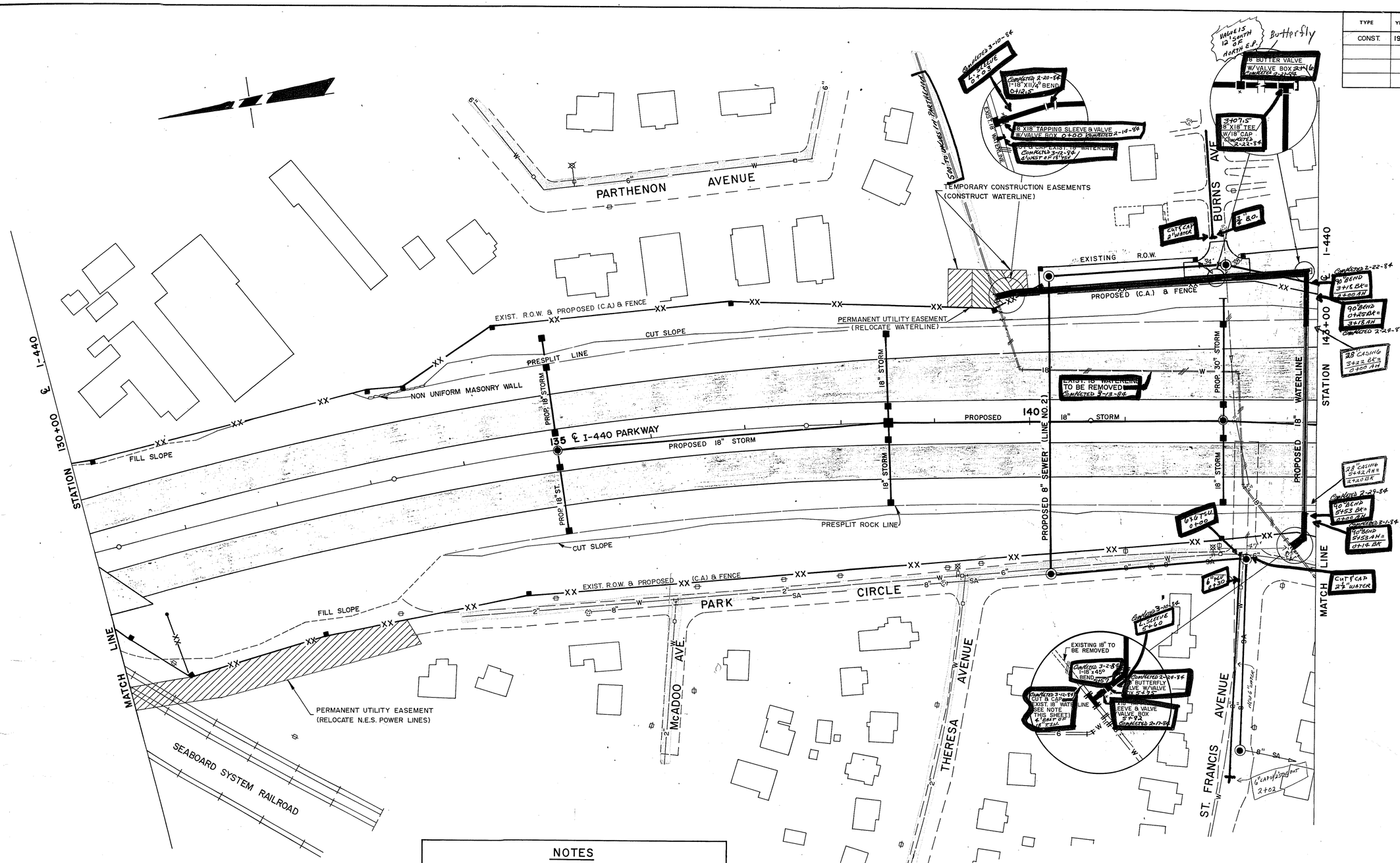


## NOTES

PROPOSED 18" WATERLINE SHOWN IS TO BE IN SERVICE PRIOR TO THE CUTTING & CAPPING OF EXISTING 18" WATERLINE.

PROFILE OF PROPOSED WATERLINE CROSSING AT STATION 142+80 ℄ I-440 PARKWAY IS SHOWN ON SHEET NO. 92.

CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND CONNECTION OF WATER SERVICES TO PROPOSED WATERLINE(S) WHERE REQUIRED.

SEE SHEET NO. 96 FOR DETAILS OF PROPOSED SANITARY SEWER.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

# PRESENT LAYOUT UTILITIES ADJUSTMENT

STA. 130+00 TO STA. 143+00
BURNS AVENUE

SCALE: 1" = 50'

BRINING 29411

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 1983 | I-440-4(53)206 | 85 |
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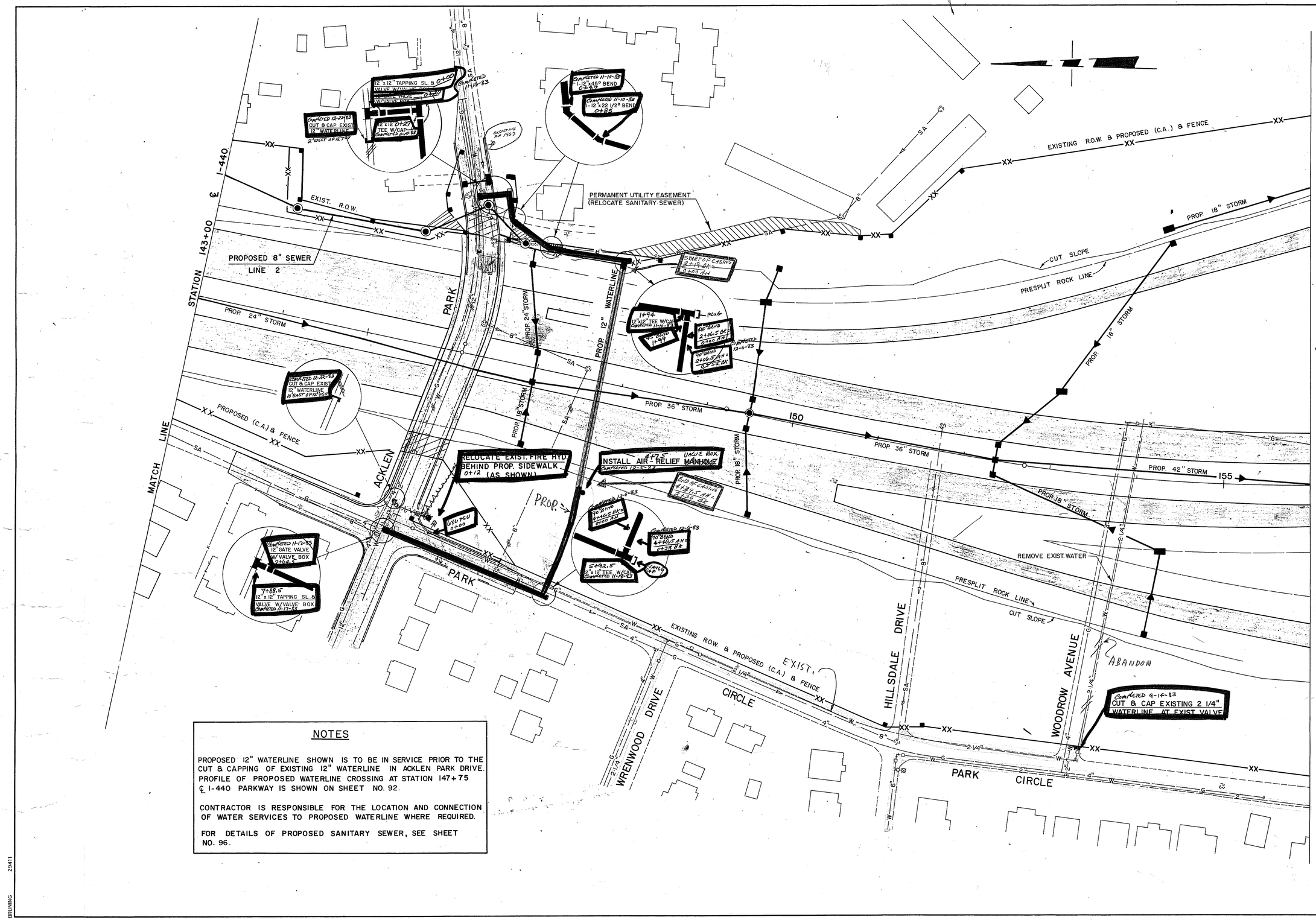


## NOTES

PROPOSED 12" WATERLINE SHOWN IS TO BE IN SERVICE PRIOR TO THE CUT & CAPPING OF EXISTING 12" WATERLINE IN ACKLEN PARK DRIVE. PROFILE OF PROPOSED WATERLINE CROSSING AT STATION 147+75 ℄ I-440 PARKWAY IS SHOWN ON SHEET NO. 92.

CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND CONNECTION OF WATER SERVICES TO PROPOSED WATERLINE WHERE REQUIRED.

FOR DETAILS OF PROPOSED SANITARY SEWER, SEE SHEET NO. 96.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

PRESENT LAYOUT
UTILITIES ADJUSTMENTS

STA. 143+00 TO STA. 156+00
ACKLEN PARK DRIVE

SCALE: 1" = 50'

BRUNING 29411

(2)

| TYPE | YEAR | PROJECT NO. | SH |
|---|---|---|---|
| CONST. | 1983 | I-440-4(53)206 | S |
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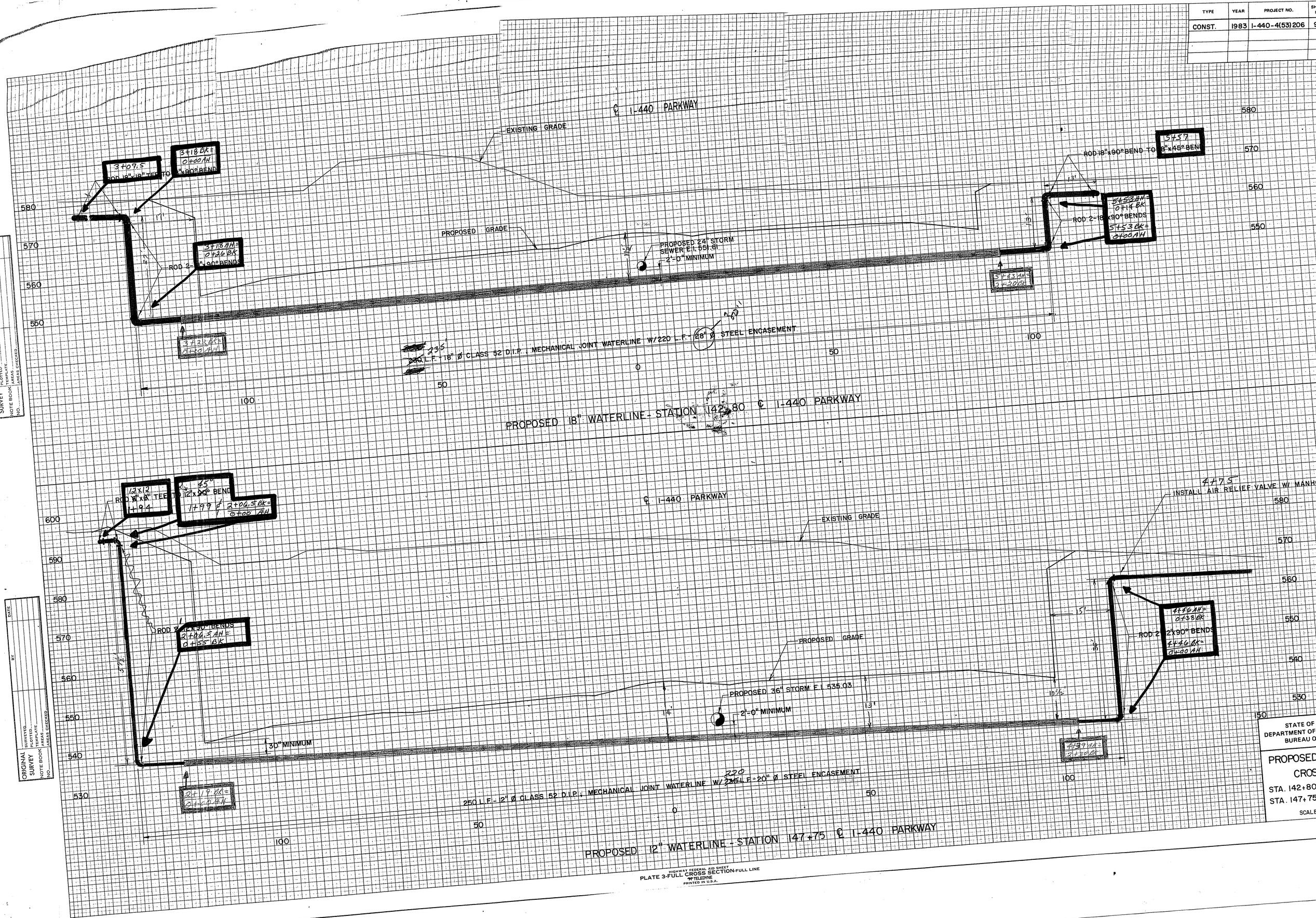


HIGHWAY FEDERAL AID SHEET
PLATE 3-FULL CROSS SECTION-FULL LINE
TELEDYNE
PRINTED IN U.S.A.

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
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N

NOISE WALL
NOISE WALL
WOODS
TOP-567.78
8" SA
CONC. DITCH
24" ST
CONC. DITCH
GRASS
36" ST
36" ST
18" ST
36" ST
CROSSWALK
CONC.
CONC.
OVERHEAD SIGN
SELECT
11"
GRASS
16" W
36" ST
ROCK FACE
RET. WALL ROCK FACE
CONC.
CONC.
I-440 OFF/RAMP TO WEST END AV. SB (CONC.)
ROCK FACE
CONC.
18" ST
JERSEY BARRIER
JERSEY BARRIER
WEST END AV. NB ON RAMP TO I-440 WB (CONC.)
8" SA
42" ST
CONC.
CP-S97
19-440-97
16" W
GRASS
CONC.
CONC.
16"
GRASS
CONC.
CONC.
WOODS
E 440 1.4
W 440 1.4
4 SPAN CONC. BRIDGE
8" ST
CONC.
CP-S10
19-440-10
GRASS
TDOT ITS
F (UG)
FIBEROPTIC
CONC.
F (UG)
TDOT ITS
F (UG)
RET. WALL
TDOT ITS
F (UG)
ROCK F
FIBEROPTIC
I-440 EB OFF RAMP TO WEST END AV. SB (CONC.)
F (UG)
F (UG)
TDOT ITS
18" ST
FIBEROPTIC
16"
10"
11"
13"
17"
18" ST
15"
9"
14"
WOODS
FIBEROPTIC
13"
10"
WOODS
8" ST
CONC.
CONC.
8" SA
18" ST
S.W.

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| TYPE | YEAR | PROJECT NO. | SHEET NO. |
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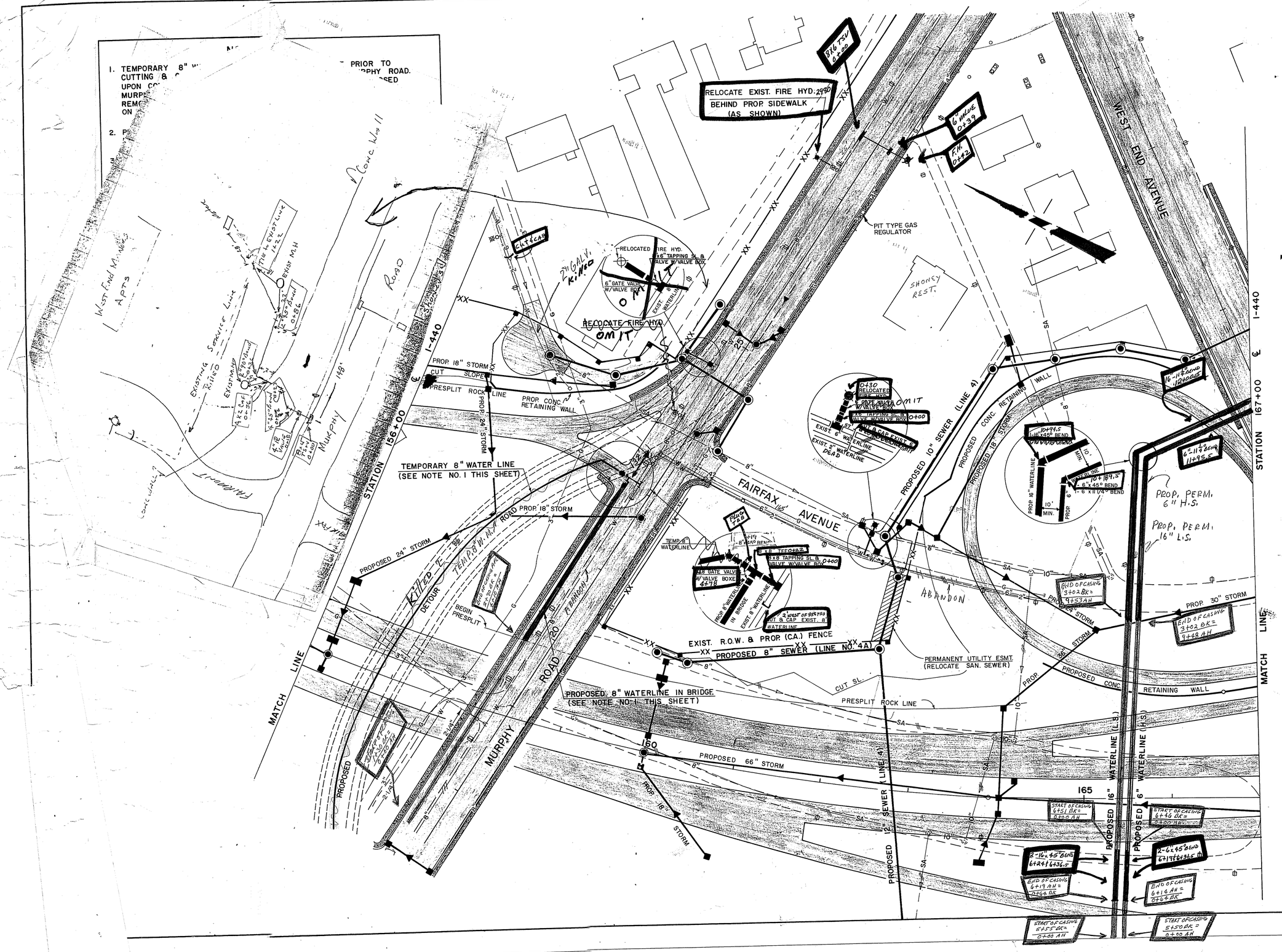
| CONST. | 1983 | I-440-4(53)206 | 86 |




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

PRESENT LAYOUT
UTILITIES ADJUSTMENTS
STA. 156+00 TO STA. 167+00
MURPHY RD.

SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 1983 | I-440-4(53)206 | 88 |
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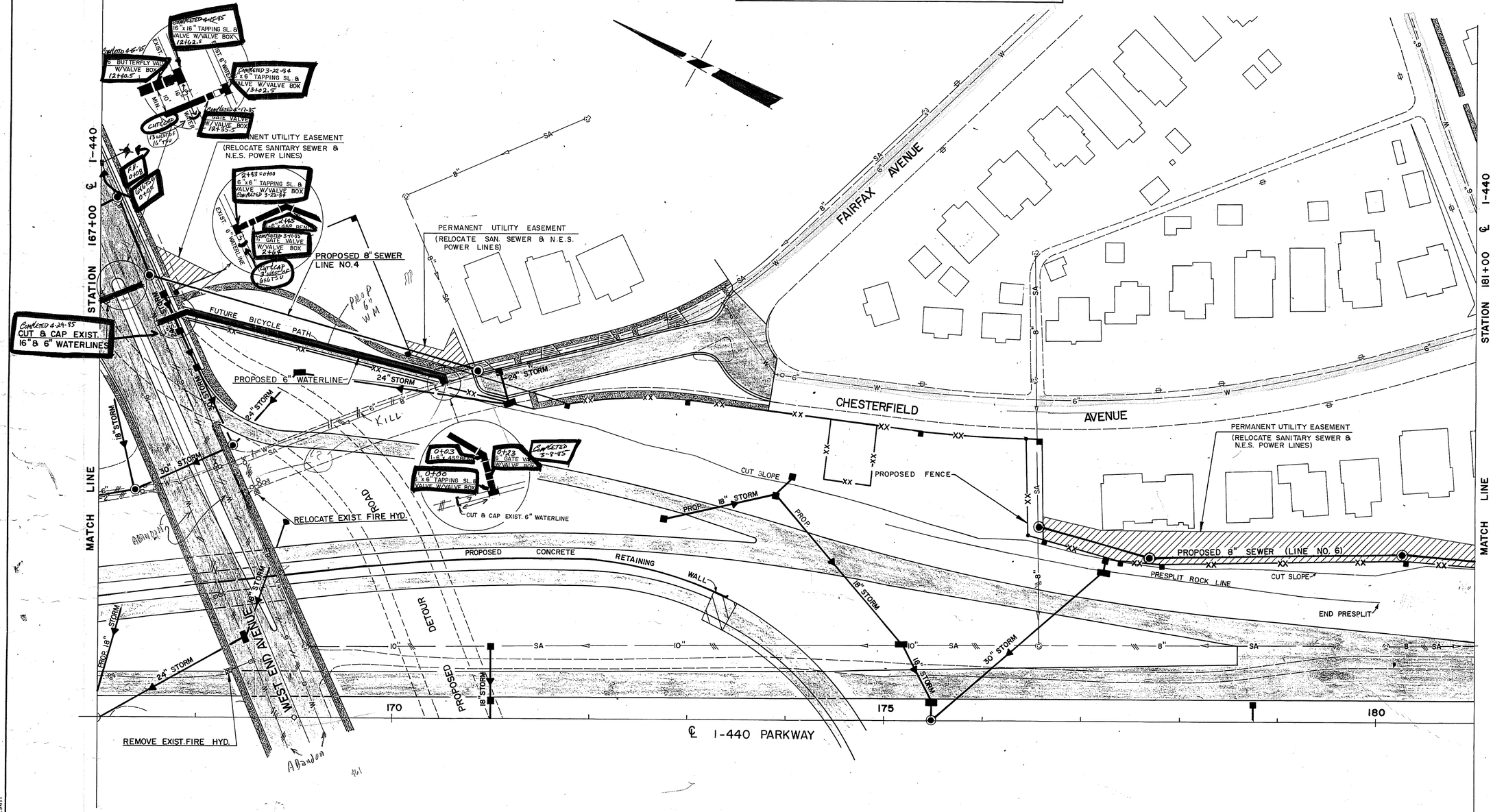
## NOTES

1. PROPOSED 16" & 2-6" WATERLINES ARE TO BE IN SERVICE PRIOR TO THE CUTTING & CAPPING OF EXISTING 16" & 6" WATERLINES IN WEST END AVENUE.
2. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF & CONNECTION OF EXISTING WATER SERVICES TO PROPOSED WATERLINE S WHERE REQUIRED.
3. SEE SHEET NOS. 99 & 102 FOR DETAILS ON PROPOSED SANITARY SEWER.




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

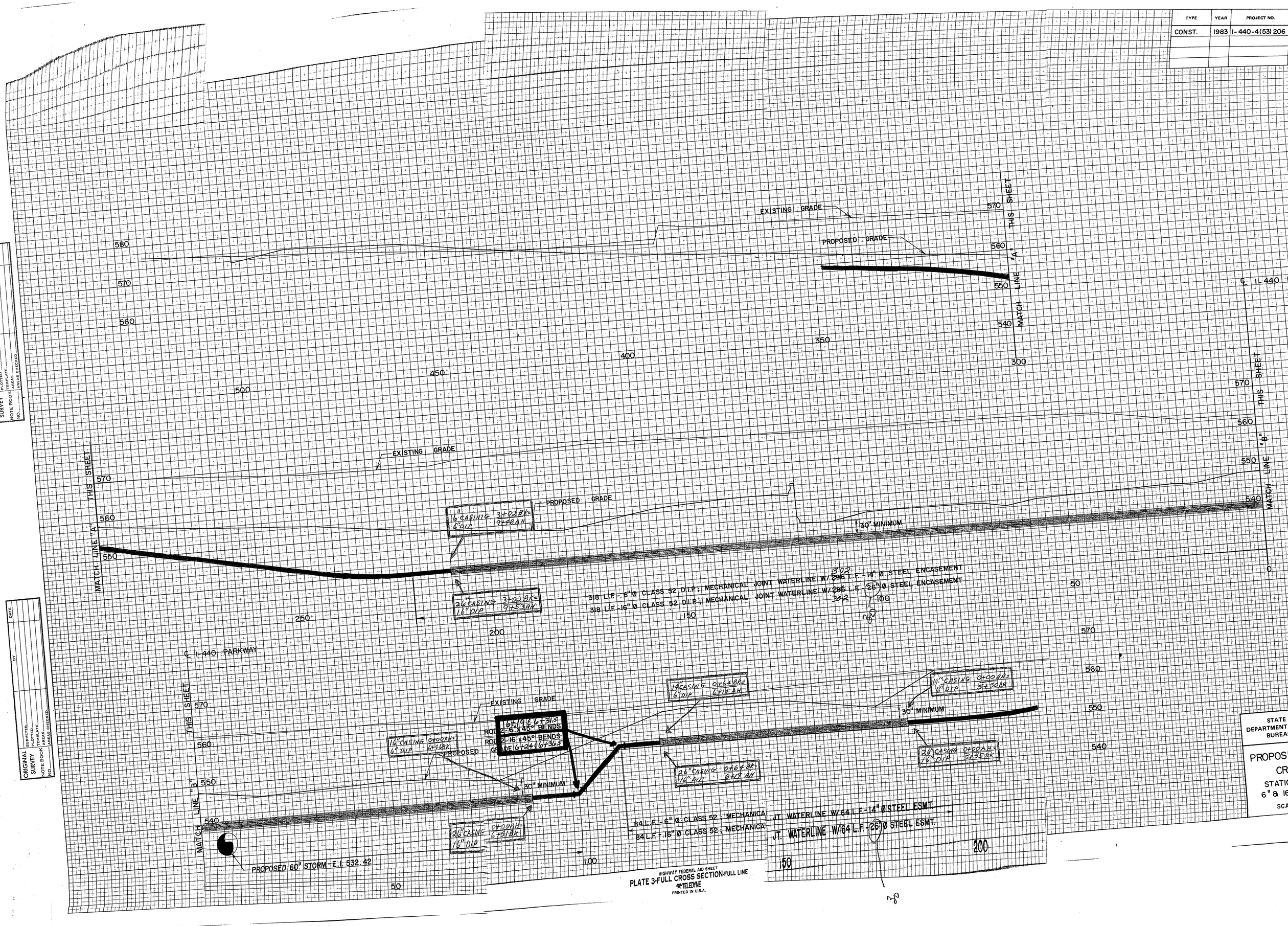
# PRESENT LAYOUT UTILITIES ADJUSTMENT

STA. 167+00 TO STA. 181+00
WEST END AVENUE
(EAST PORTION)

SCALE: 1" = 50'

BRUNING 29411

| TYPE | YEAR | PROJECT NO. |
|---|---|---|
| CONST. | 1983 | I-440-4(53) 206 |



| TYPE | YEAR | PROJECT NO. | SHEET NO. |
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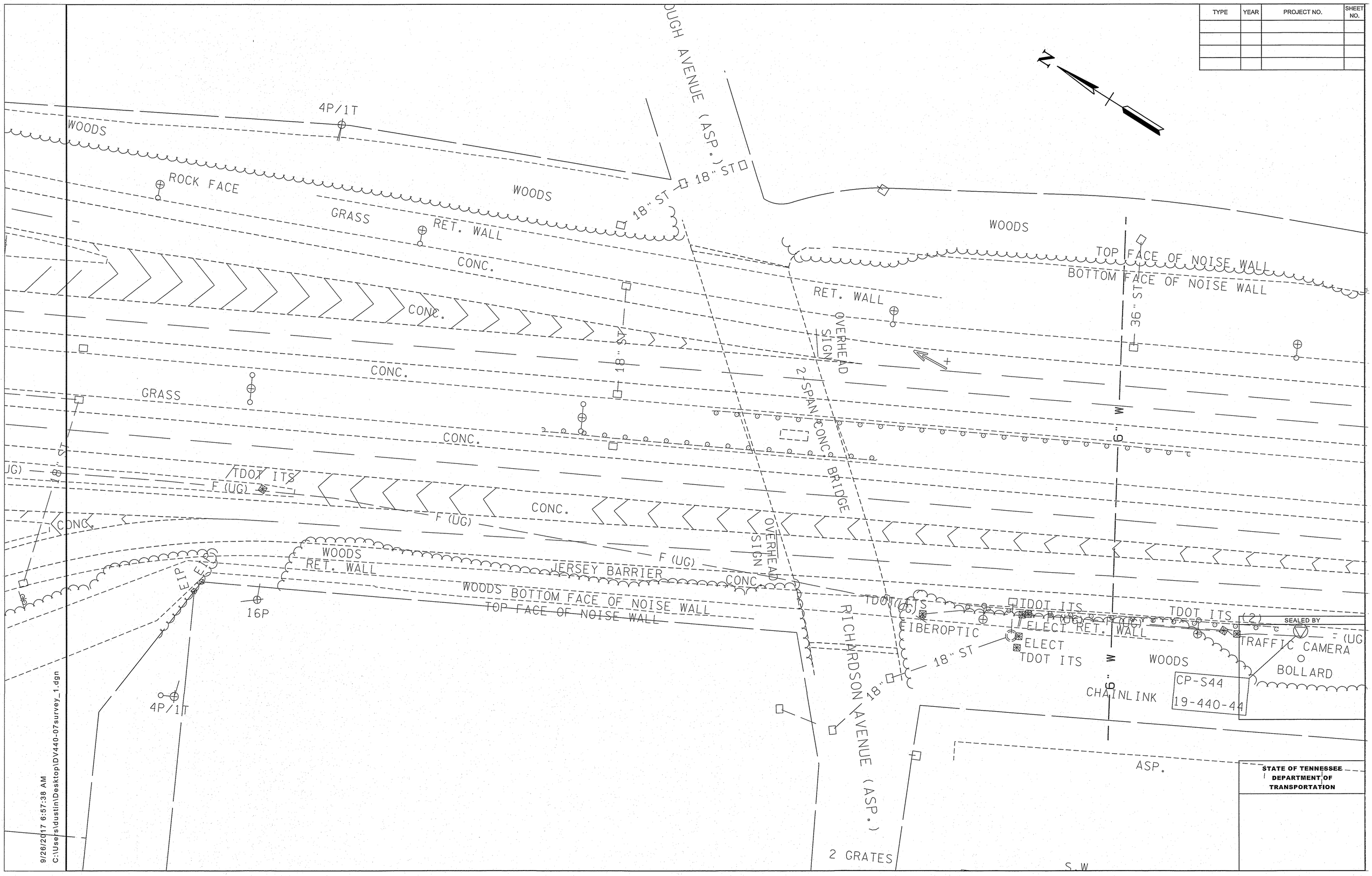


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| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 1983 | I-440-4(53)206 | 90 |
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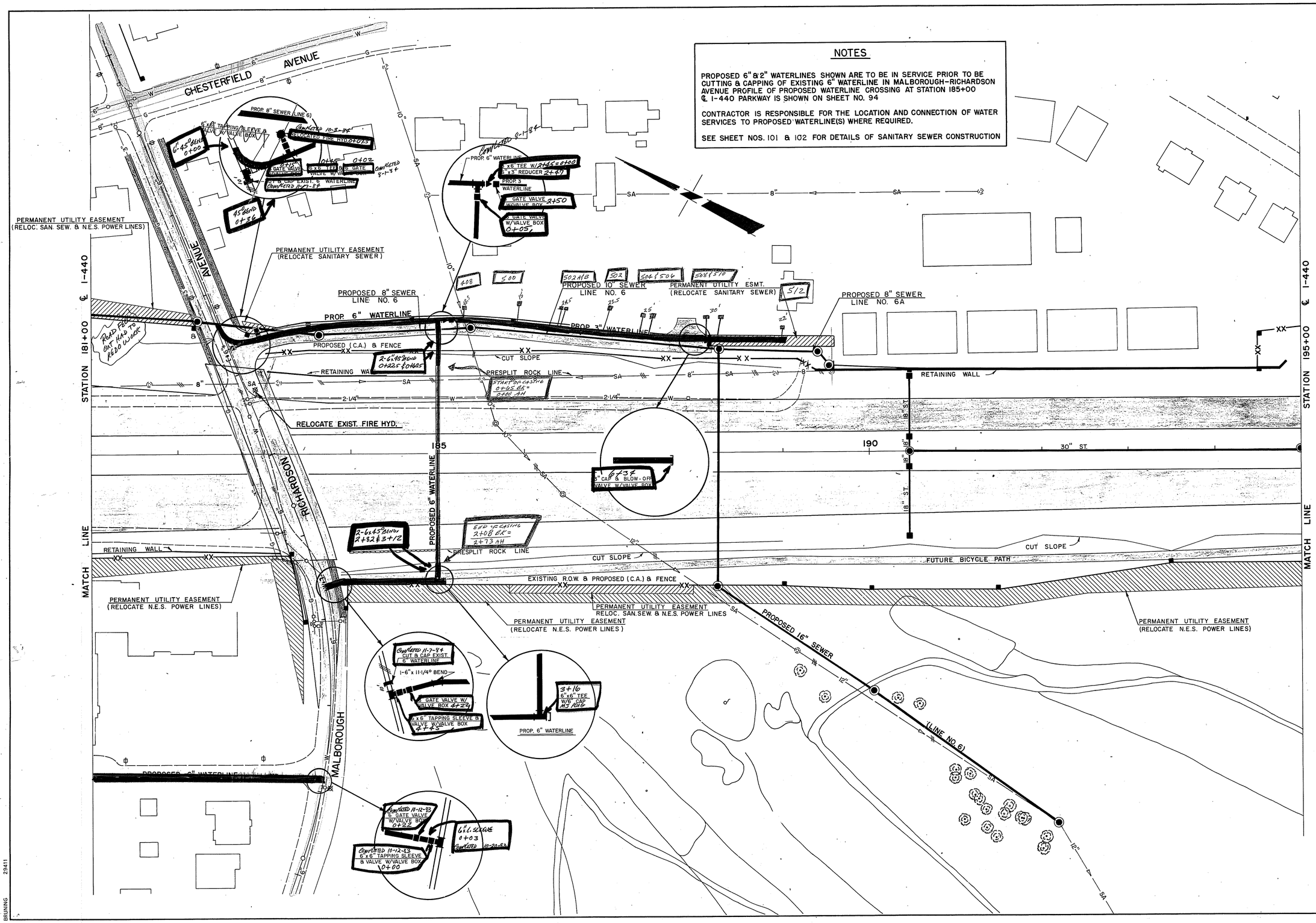
## NOTES

PROPOSED 6" & 2" WATERLINES SHOWN ARE TO BE IN SERVICE PRIOR TO BE CUTTING & CAPPING OF EXISTING 6" WATERLINE IN MALBOROUGH-RICHARDSON AVENUE PROFILE OF PROPOSED WATERLINE CROSSING AT STATION 185+00 ℄ I-440 PARKWAY IS SHOWN ON SHEET NO. 94

CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND CONNECTION OF WATER SERVICES TO PROPOSED WATERLINE(S) WHERE REQUIRED.

SEE SHEET NOS. 101 & 102 FOR DETAILS OF SANITARY SEWER CONSTRUCTION




STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

PRESENT LAYOUT
UTILITIES ADJUSTMENT

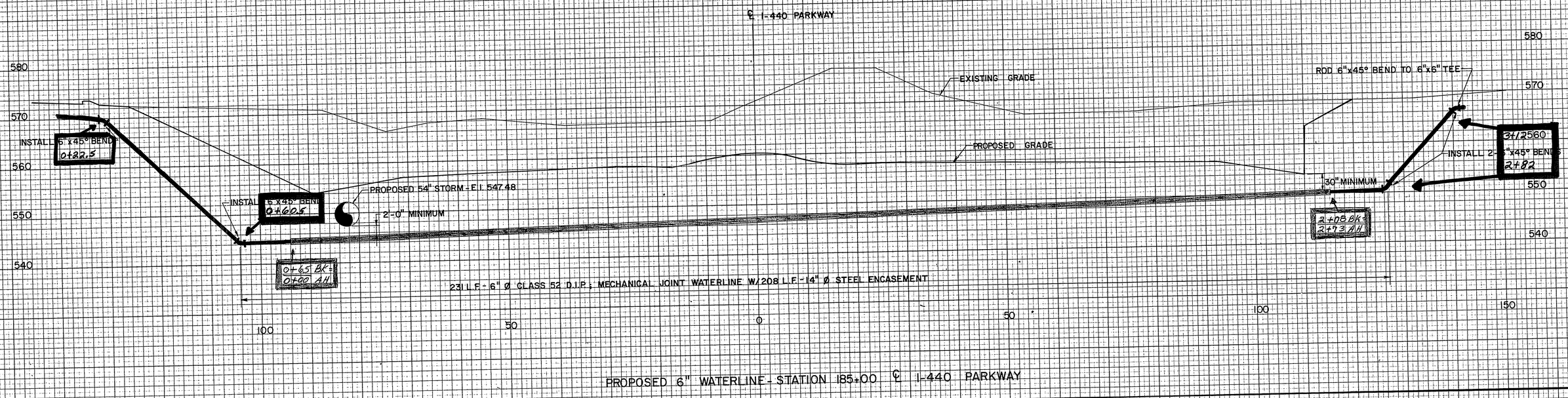
STA. 181+00 TO STA. 195+00
MALBOROUGH - RICHARDSON AVENUE
SCALE: 1" = 50'

29411
BRUNING

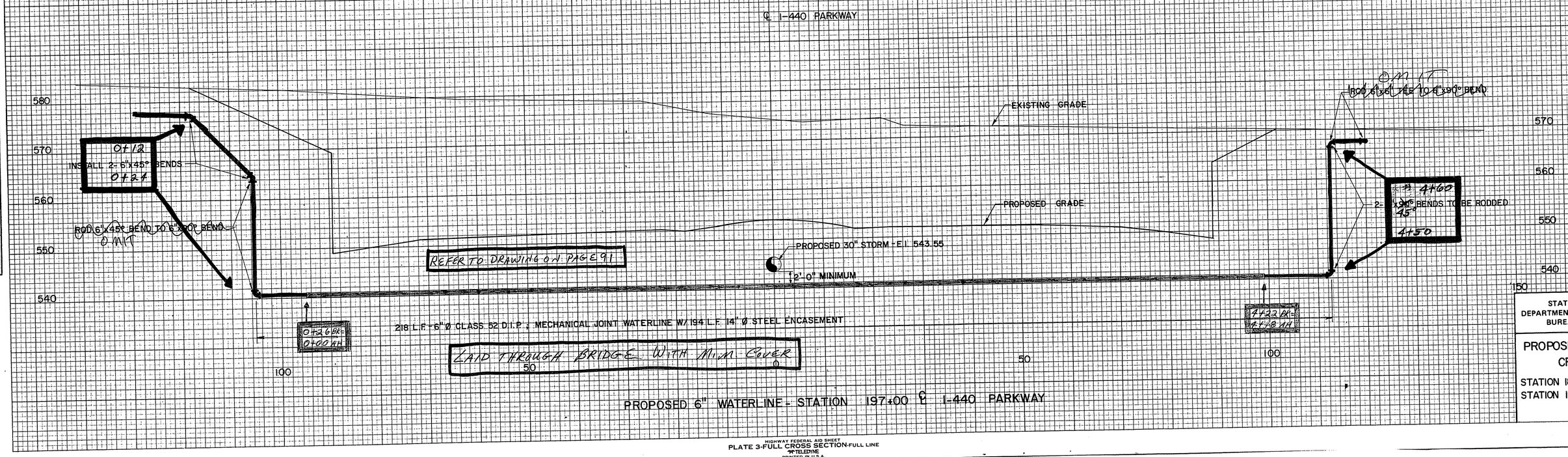
| TYPE | YEAR | PROJECT NO. |
|---|---|---|
| CONST. | 1983 | I-440 - 4(53) 206 |

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO.

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE




PROPOSED 6" WATERLINE - STATION 185+00 ℄ I-440 PARKWAY




PROPOSED 6" WATERLINE - STATION 197+00 ℄ I-440 PARKWAY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPOR
BUREAU OF HIGHWAY

PROPOSED WATER
CROSSINGS

STATION 185+00 - 6" W
STATION 197+00 - 6" W

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
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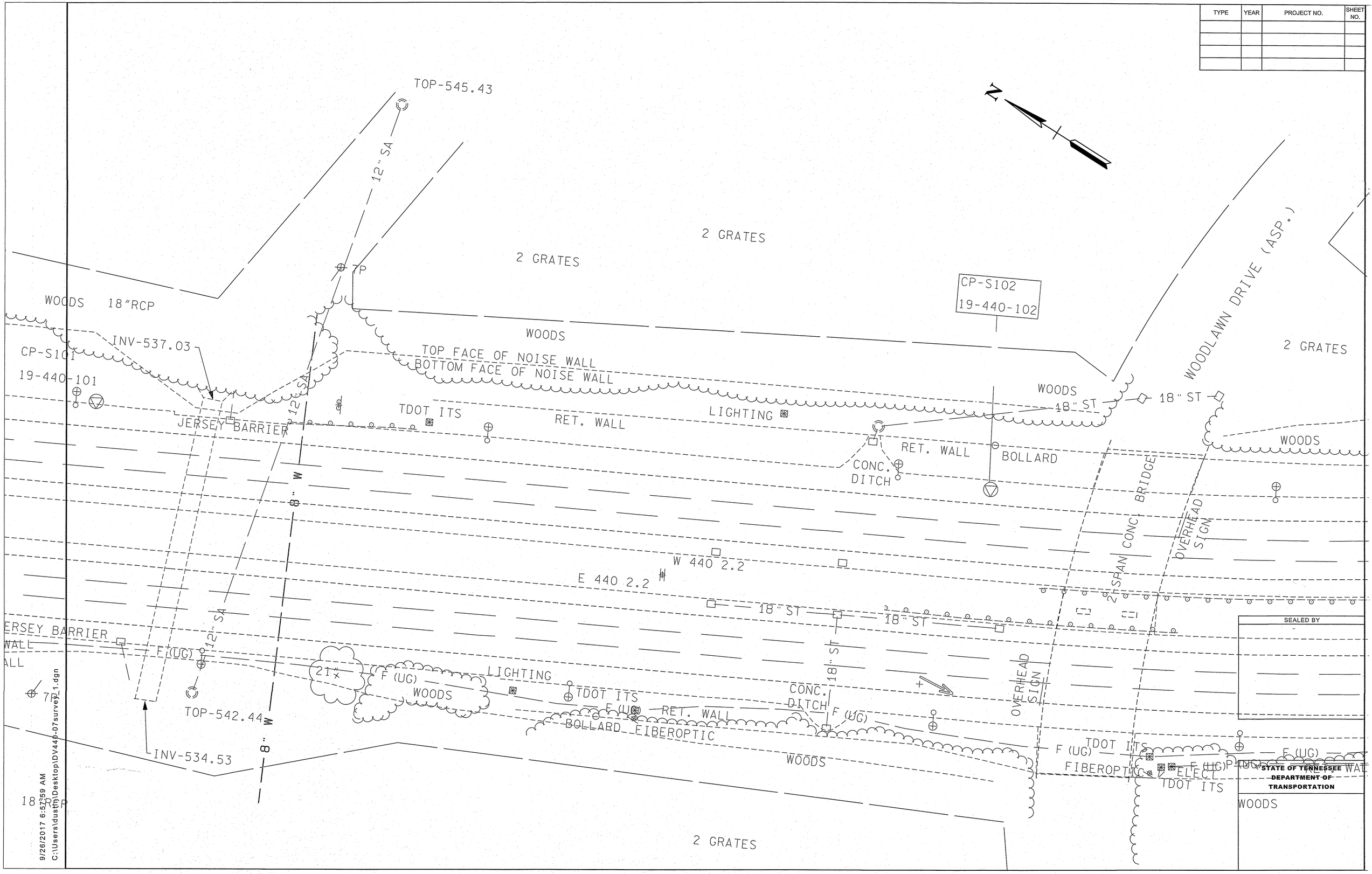


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| CONST. | 1982 | I-440-4(49)206 | |
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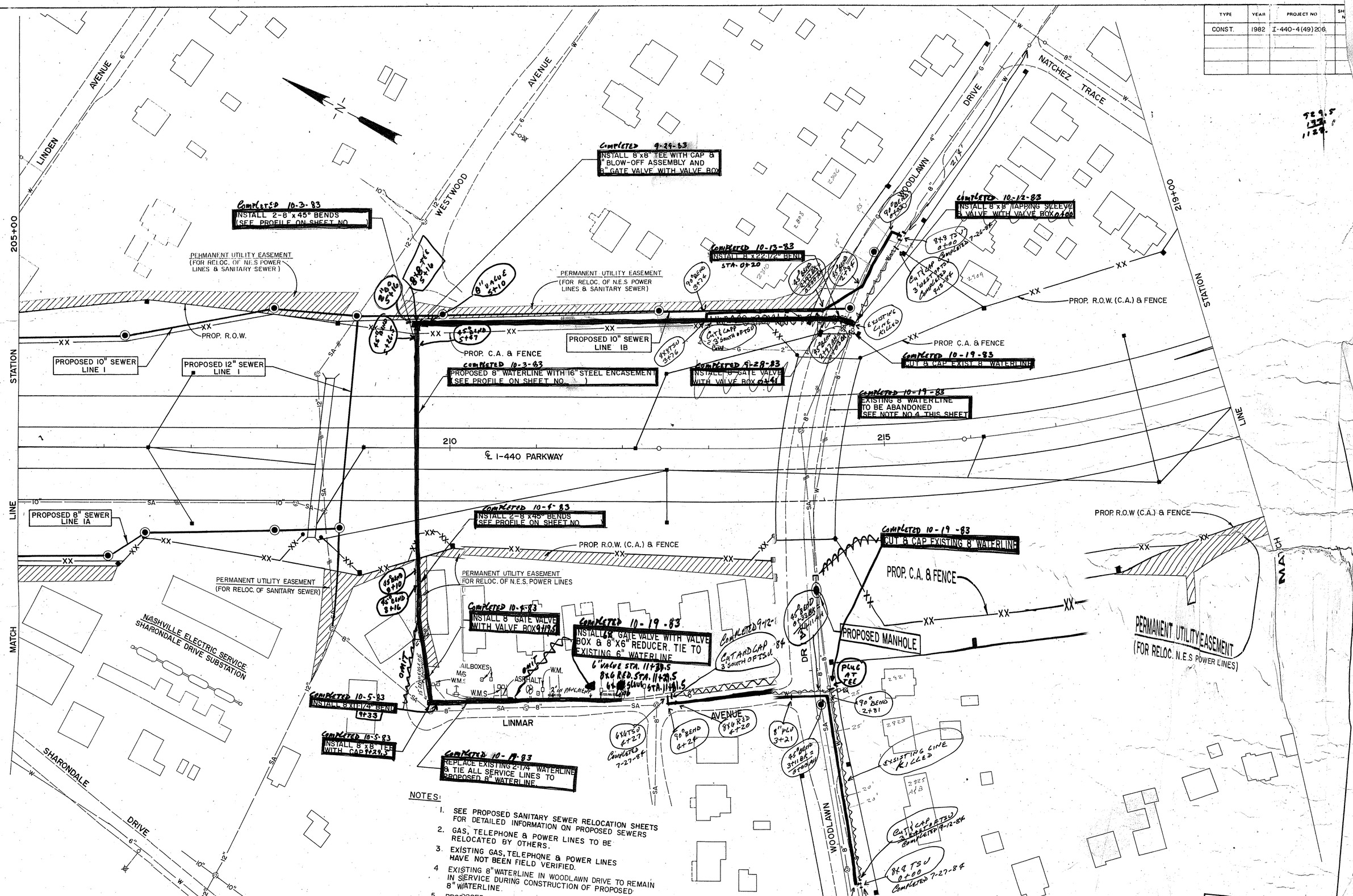


NOTES:

1. SEE PROPOSED SANITARY SEWER RELOCATION SHEETS FOR DETAILED INFORMATION ON PROPOSED SEWERS
2. GAS, TELEPHONE & POWER LINES TO BE RELOCATED BY OTHERS.
3. EXISTING GAS, TELEPHONE & POWER LINES HAVE NOT BEEN FIELD VERIFIED.
4. EXISTING 8" WATERLINE IN WOODLAWN DRIVE TO REMAIN IN SERVICE DURING CONSTRUCTION OF PROPOSED 8" WATERLINE.
5. PROPOSED WATERLINE TO HAVE 30" MINIMUM COVER.
6. OPEN JOINT DEFLECTION OF PROPOSED WATERLINE AS REQUIRED IN FIELD NOT TO EXCEED 3 DEGREES PER JOINT.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

I-440 PARKWAY
PRESENT LAYO
UTILITIES ADJUST

STA. 205+00 TO STA
WOODLAWN

| TYPE | YEAR | PROJECT NO. | NO. |
|---|---|---|---|
| CONST. | 1982 | I-440-4(49)206 | 41-J |
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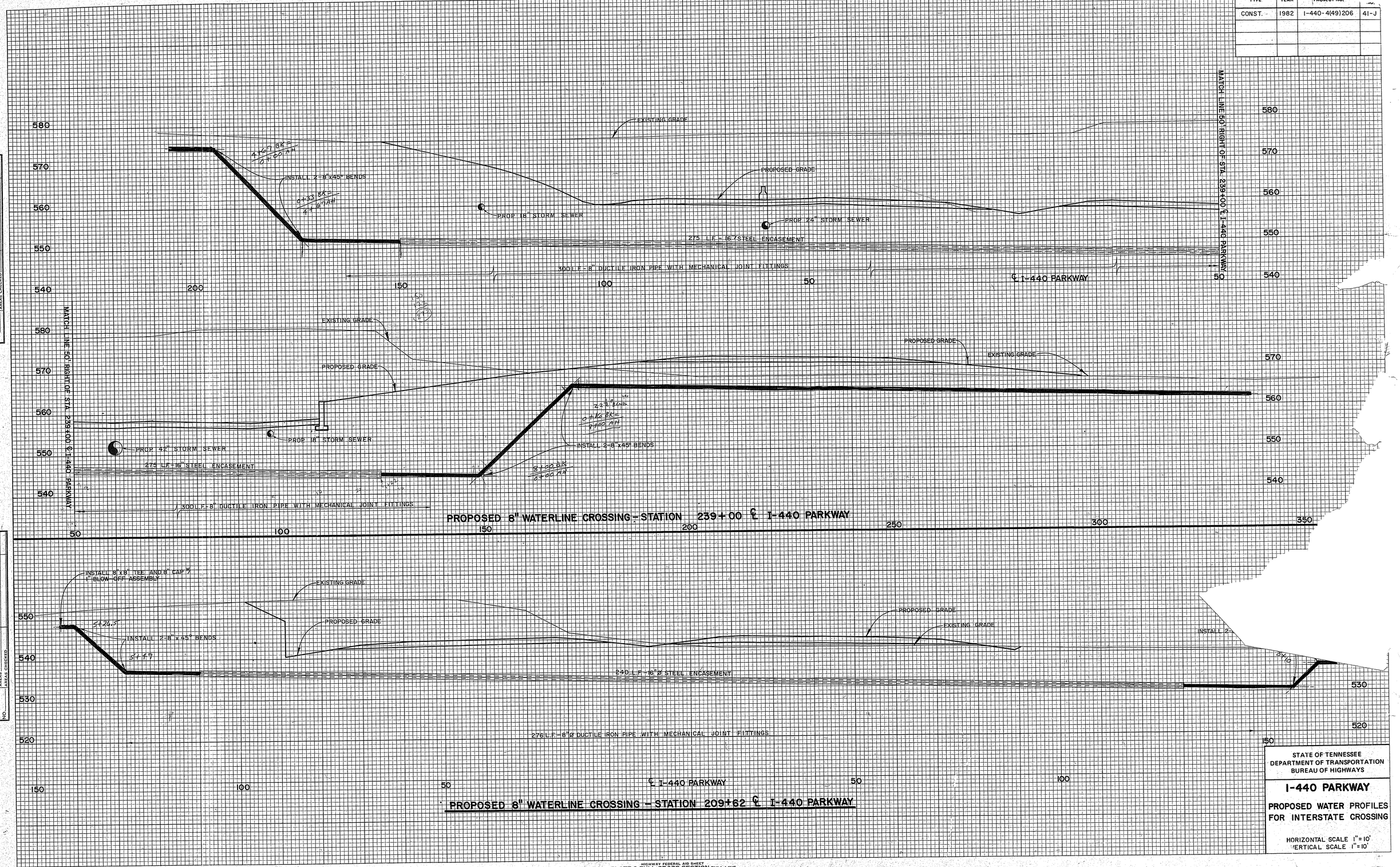


FINAL SURVEY — NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

**I-440 PARKWAY**

**PROPOSED WATER PROFILES FOR INTERSTATE CROSSING**

HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

HIGHWAY FEDERAL AID SHEET
PLATE 3-FULL CROSS SECTION-FULL LINE
4-TELEDYNE
PRINTED IN U.S.A.