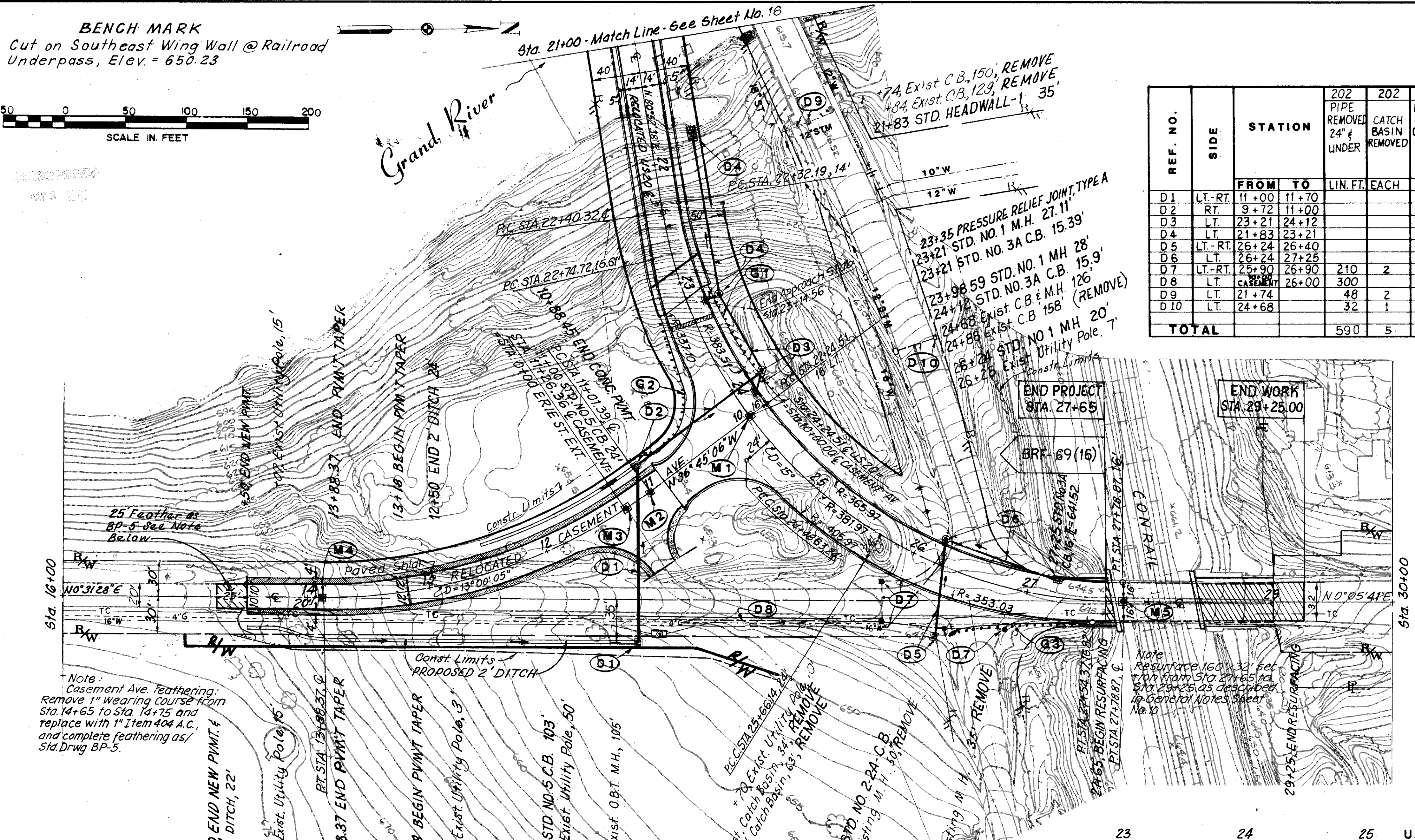


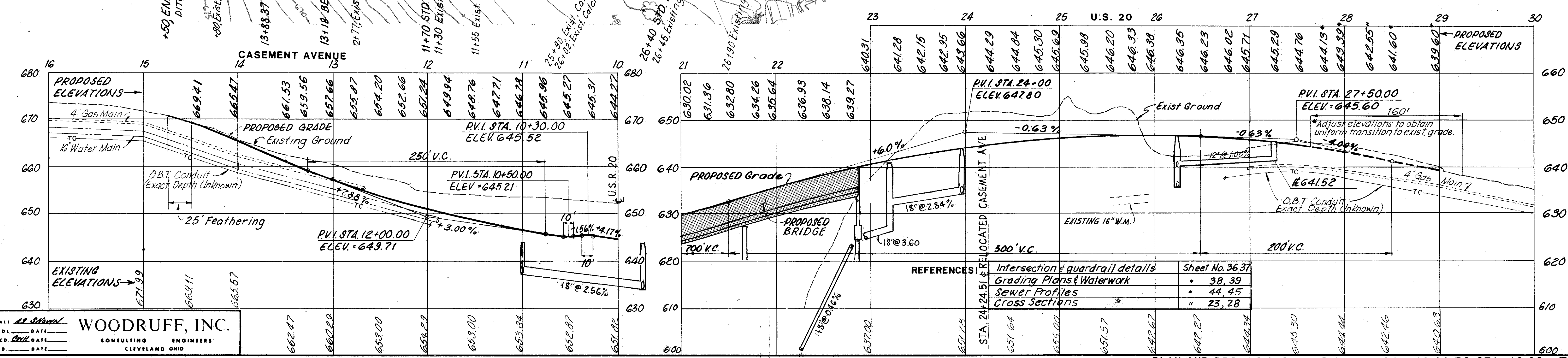
**BENCH MARK**  
Cut on Southeast Wing Wall @ Railroad Underpass, Elev. = 650.23



| REF. NO.     | SIDE  | STATION  | 202                      |                     | 601                            |                                           | 602              |                   | 603                |                    | 603                |                    | 603                 |                               | 604             |                                      | 604                                 |                 | 202 |   |
|--------------|-------|----------|--------------------------|---------------------|--------------------------------|-------------------------------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-------------------------------|-----------------|--------------------------------------|-------------------------------------|-----------------|-----|---|
|              |       |          | PIPE REMOVED 24" & UNDER | CATCH BASIN REMOVED | RIP-RAP 6" REIN. CONCRETE SLAB | ROCK CHANNEL PROTECTION TYPE A W/ BEDDING | CONCRETE MASONRY | 6" CONDUIT TYPE F | 12" CONDUIT TYPE B | 12" CONDUIT TYPE C | 18" CONDUIT TYPE B | 18" CONDUIT TYPE C | 18" STD. NO. 1 M.H. | 2-2-A STD. NO. 3A CATCH BASIN | STD. NO. 1 M.H. | STD. NO. 3A CATCH BASIN W/ 1/4" GATE | STD. NO. 5 CATCH BASIN W/ 1/4" GATE | MANHOLE REMOVED |     |   |
| D1           | LT-RT | 11+00    | 11+70                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D2           | RT    | 9+72     | 11+00                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D3           | LT    | 23+21    | 24+12                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D4           | LT    | 21+83    | 23+21                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D5           | LT-RT | 26+24    | 26+40                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D6           | LT    | 26+24    | 27+25                    |                     |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D7           | LT-RT | 25+90    | 26+90                    | 210                 | 2                              |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D8           | LT    | CASEMENT | 26+00                    | 300                 |                                |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D9           | LT    | 21+74    |                          | 48                  | 2                              |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| D10          | LT    | 24+68    |                          | 32                  | 1                              |                                           |                  |                   |                    |                    |                    |                    |                     |                               |                 |                                      |                                     |                 |     |   |
| <b>TOTAL</b> |       |          |                          |                     | 590                            | 5                                         | 6                | 6                 | 2.2                | 40                 | 172                | 30                 | 275                 | 122                           | 86              | 1                                    | 3                                   | 3               | 2   | 2 |

| REF. NO.     | SIDE | STATION | 606              |                        | 606                             |                        | 606                               |                          | 606 |  | 606 |  |
|--------------|------|---------|------------------|------------------------|---------------------------------|------------------------|-----------------------------------|--------------------------|-----|--|-----|--|
|              |      |         | GUARDRAIL TYPE 5 | ANCHOR ASSEMBLY TYPE A | BRIDGE TERMINAL ASSEMBLY TYPE A | ANCHOR ASSEMBLY TYPE T | BRIDGE TERMINAL ASSEMBLY TYPE "A" | ANCHOR ASSEMBLY TYPE "B" |     |  |     |  |
| G1           | LT   | 24+45   | 100              | 1                      | 1                               |                        |                                   |                          |     |  |     |  |
| G2           | RT   | 10+90   | 137.5            |                        |                                 |                        |                                   |                          |     |  |     |  |
| G3           | RT   | 27+50   | 112.5            |                        |                                 |                        |                                   |                          |     |  |     |  |
| <b>TOTAL</b> |      |         | 350.0            | 2                      | 2                               | 1                      | 1                                 | 1                        | 1   |  |     |  |

| REF. NO.     | SIDE | STATION  | 604               |      |
|--------------|------|----------|-------------------|------|
|              |      |          | MONUMENT ASSEMBLY | EACH |
| M1           | F    | 24+24.5  | 1                 |      |
| M2           | F    | 11+01.68 | 1                 |      |
| M3           | F    | 11+26.36 | 1                 |      |
| M4           | F    | 13+88.37 | 1                 |      |
| M5           | F    | 27+78.87 | 1                 |      |
| <b>TOTAL</b> |      |          | 5                 |      |



WOODRUFF, INC.  
CONSULTING ENGINEERS  
CLEVELAND OHIO

|                                  |                  |
|----------------------------------|------------------|
| Intersection & guardrail details | Sheet No. 36, 37 |
| Grading Plans & Waterwork        | " 38, 39         |
| Sewer Profiles                   | " 44, 45         |
| Cross Sections                   | " 23, 28         |