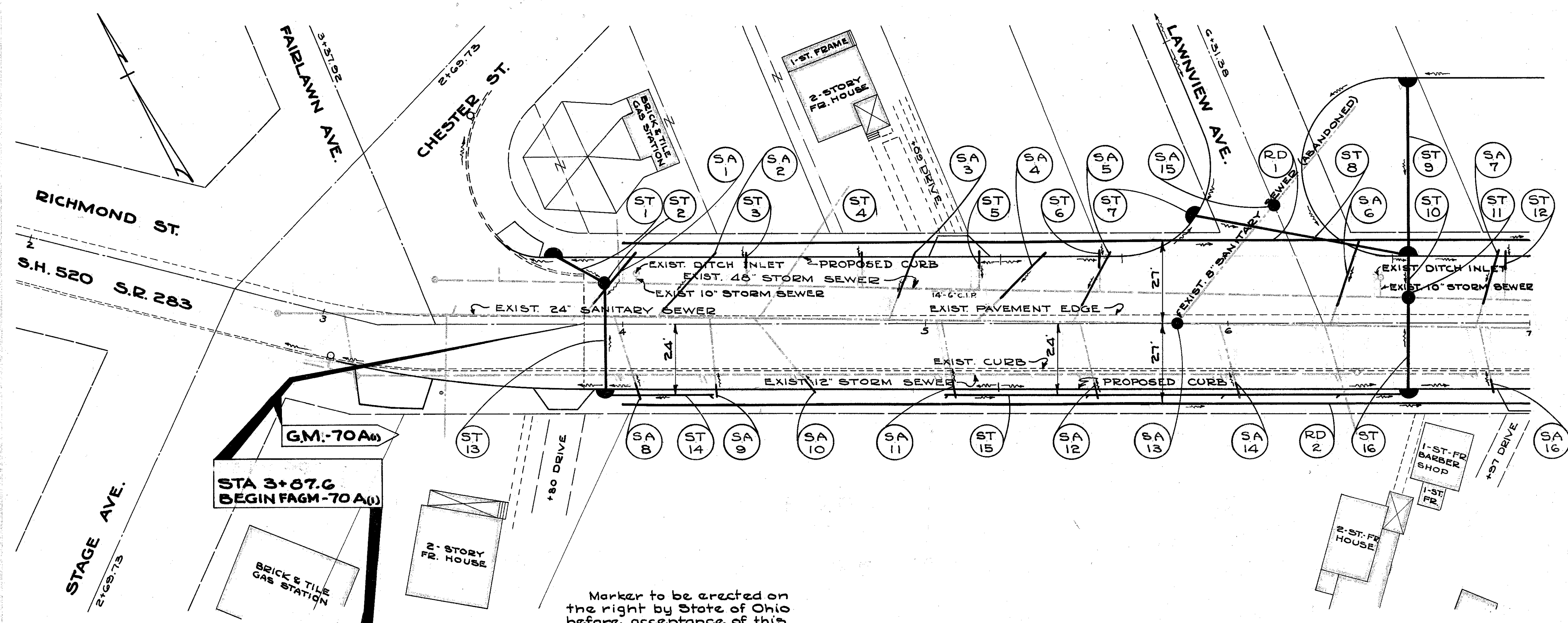


LAKE COUNTY  
S.H. 520 SEC. PAINESVILLE (PT)  
GRADE SEPARATION



### STORM SEWERS

| MARK  | STATION FROM TO | SIDE | STORM SEWER UNDER PAVEMENT |    |     | No. 2 M.H. EACH | No. 6 PIPE-SP. INLET EACH | No. 8 PIPE-SP. INLET EACH | No. 12 PIPE-SP. INLET EACH |   |     |    |
|-------|-----------------|------|----------------------------|----|-----|-----------------|---------------------------|---------------------------|----------------------------|---|-----|----|
|       |                 |      | 6"                         | 8" | 12" |                 |                           |                           |                            |   |     |    |
| ST-1  | 3+77            | 3+94 | L                          |    |     |                 | 1                         |                           |                            |   |     |    |
| ST-2  | 3+94            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-3  | 4+42            |      | L                          | 6  | 6   |                 |                           |                           |                            |   |     |    |
| ST-4  | 4+80            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-5  | 5+18            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-6  | 5+58            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-7  | 5+89            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-8  | 5+89            | 6+60 | L                          |    |     |                 | 70                        |                           |                            |   |     |    |
| ST-9  | 6+60            |      | L                          |    |     |                 |                           |                           | 55                         |   |     |    |
| ST-10 | 6+60            |      | L                          |    |     |                 | 12                        |                           |                            |   |     |    |
| ST-11 | 6+60            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-12 | 6+91            |      | L                          |    |     |                 |                           |                           |                            |   |     |    |
| ST-13 | 3+94            |      | L&R                        |    |     |                 | 33                        |                           |                            |   |     |    |
| ST-14 | 3+96            | 4+30 | R                          |    |     |                 |                           |                           | 32                         |   |     |    |
| ST-15 | 5+06            | 6+58 | R                          |    |     |                 |                           |                           | 4                          |   |     |    |
| ST-16 | 6+60            |      | L&R                        |    |     |                 | 29                        |                           | 144                        |   |     |    |
| TOTAL |                 |      |                            | 30 |     |                 | 160                       | 2                         | 6                          | 5 | 176 | 55 |

### SANITARY SEWER

| MARK  | STATION FROM TO | SIDE | SAN. SEWER UNDER PAV'T. | ADJUST M.H. EACH |
|-------|-----------------|------|-------------------------|------------------|
|       |                 |      |                         |                  |
| SA-1  | 3+94            | 4+04 | L                       | 22               |
| SA-2  | 4+13            | 4+31 | L                       | 20               |
| SA-3  | 4+91            | 4+97 | R                       | 16               |
| SA-4  | 5+29            | 5+40 | L                       | 22               |
| SA-5  | 5+52            | 5+62 | L                       | 20               |
| SA-6  | 6+36            | 6+44 | L                       | 22               |
| SA-7  | 6+84            | 6+90 | L                       | 18               |
| SA-8  | 4+05            | 4+07 | R                       | 6                |
| SA-9  | 4+32            |      | R                       | 6                |
| SA-10 | 4+61            | 4+64 | R                       | 6                |
| SA-11 | 5+09            | 5+10 | R                       | 6                |
| SA-12 | 5+56            | 5+58 | R                       | 6                |
| SA-13 | 5+83            |      | R                       | 1                |
| SA-14 | 6+03            | 6+05 | R                       | 6                |
| SA-15 | 6+15            |      | L                       | 1                |
| SA-16 | 6+87            | 6+88 | R                       | 6                |
| TOTAL |                 |      | 188                     | 2                |

SEWER NOTE - All Existing Storm & Sanitary Lateral Sewer Stubs for House connections will be extended to two feet outside the proposed Pav't as shown.

### REMOVAL OF EXISTING STRUCTURES (LUMP)

| STA. | SIDE | CURB | DITCH | INLET | INLET |
|------|------|------|-------|-------|-------|
| 4+04 | L    |      |       | 1     |       |
| 6+49 | L    |      |       | 1     |       |
| 6+43 | R    |      |       | 1     |       |
|      |      | 1    | 2     |       |       |

### PIPE REMOVAL LIN. FT.

| STATION FROM TO | SIDE | STORAGE |            |
|-----------------|------|---------|------------|
| 3+16            | 6+42 | R       | 326        |
| 6+44            | 7+00 | R       | 56         |
| 5+02            | 5+16 | L       | 14         |
| 3+06            | 6+40 | R       | 334        |
| 6+43            | 7+00 | R       | 57         |
| TOTAL           |      |         | 14 382 391 |

\* Existing Curb Underdrain  
@ Existing 12" Storm Sewer

### ROADWAY DRAINAGE

| MARK  | STATION FROM TO | SIDE | FD. FOR B.F. 6" PIPE L.F. |
|-------|-----------------|------|---------------------------|
| RD-1  | 4+00            | 7+00 | L. 300                    |
| RD-2  | 4+00            | 7+00 | R. 300                    |
| TOTAL |                 |      | 600                       |

