

MICROFILMED  
JUN 23 1967  
GROUND PHOTO LAB

1964 PROJECT FROM VALLEY PARKWAY (SLM 3.38)  
TO JUST SOUTH OF FOWLES ROAD (SLM 5.72)

CUY-IR71-3.38

I-71-5(11)236

| FED. RD. DIVISION | STATE | PROJECT       |
|-------------------|-------|---------------|
| 2                 | OHIO  | I-71-5(11)236 |

263

MICROFILMED  
JUN 23 1967  
GROUND PHOTO LAB

CUYAHOGA COUNTY  
CUY-42-3.38  
PART I  
FOR PART II, SEE PLANS FOR  
SPRAGUE RD. - CH. 67  
LIMITED ACCESS

THIS IMPROVEMENT HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR  
FREEWAY BY ACTION OF THE DIRECTOR OF HIGHWAYS IN ACCORDANCE WITH THE  
PROVISIONS OF SECTION 5511.02, REVISED CODE OF OHIO, AND IS ESPECIALLY  
DESIGNED FOR THROUGH TRAFFIC.

### 1963 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF  
HIGHWAYS, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED  
IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

THE RIGHT-OF-WAY NECESSARY FOR THIS IMPROVEMENT WILL BE PROVIDED  
BY THE STATE OF OHIO.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF  
THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE  
HIGHWAY AND THAT PROVISION FOR THE MAINTENANCE AND SAFETY OF  
TRAFFIC WILL BE AS SET FORTH ON THESE PLANS AND ESTIMATES.

APPROVED: Charles M. Lurich  
DATE 7-13-64 DIVISION DEPUTY DIRECTOR

APPROVED: C. H. Altvater  
DATE 9-4-64 ENGINEER OF BRIDGES

APPROVED: R. D. Ricketts  
DATE 9-8-64 ENGINEER OF LOCATION & DESIGN

APPROVED: W. E. Shurt  
DATE 9-9-64 DEPUTY DIRECTOR, DESIGN & CONSTRUCTION

APPROVED: T. H. Broun  
DATE 7-3-64 DEPUTY DIRECTOR, RIGHT OF WAY

APPROVED: J. S. Wilson  
DATE 9/18/64 DEPUTY DIRECTOR, PLANNING & PROGRAMMING

APPROVED: \_\_\_\_\_  
DATE \_\_\_\_\_ FIRST ASSISTANT DIRECTOR

APPROVED: C. E. H.  
DATE 9/8/64 DIRECTOR OF HIGHWAYS

PLANS PREPARED BY  
J. E. GREINER COMPANY  
CONSULTING ENGINEERS - BALTIMORE, MARYLAND

MICROFILMED  
JUN 23 1967  
GROUND PHOTO LAB

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
APPROVED: \_\_\_\_\_  
DIVISION ENGINEER DATE

# STATE OF OHIO DEPARTMENT OF HIGHWAYS CUY-42-3.38 CUYAHOGA COUNTY CITY OF STRONGSVILLE AND CITY OF MIDDLEBURG HEIGHTS

ORIGINAL CONSTRUCTION OF CFNS  
180710358, 180710359, 180710378, 180710405, 180710422, 180710468, 180710474  
180710495, 180710498, 180710505, 180710522, 180710534, 180710535, 180710552  
180710562

### CONVENTIONAL SIGNS

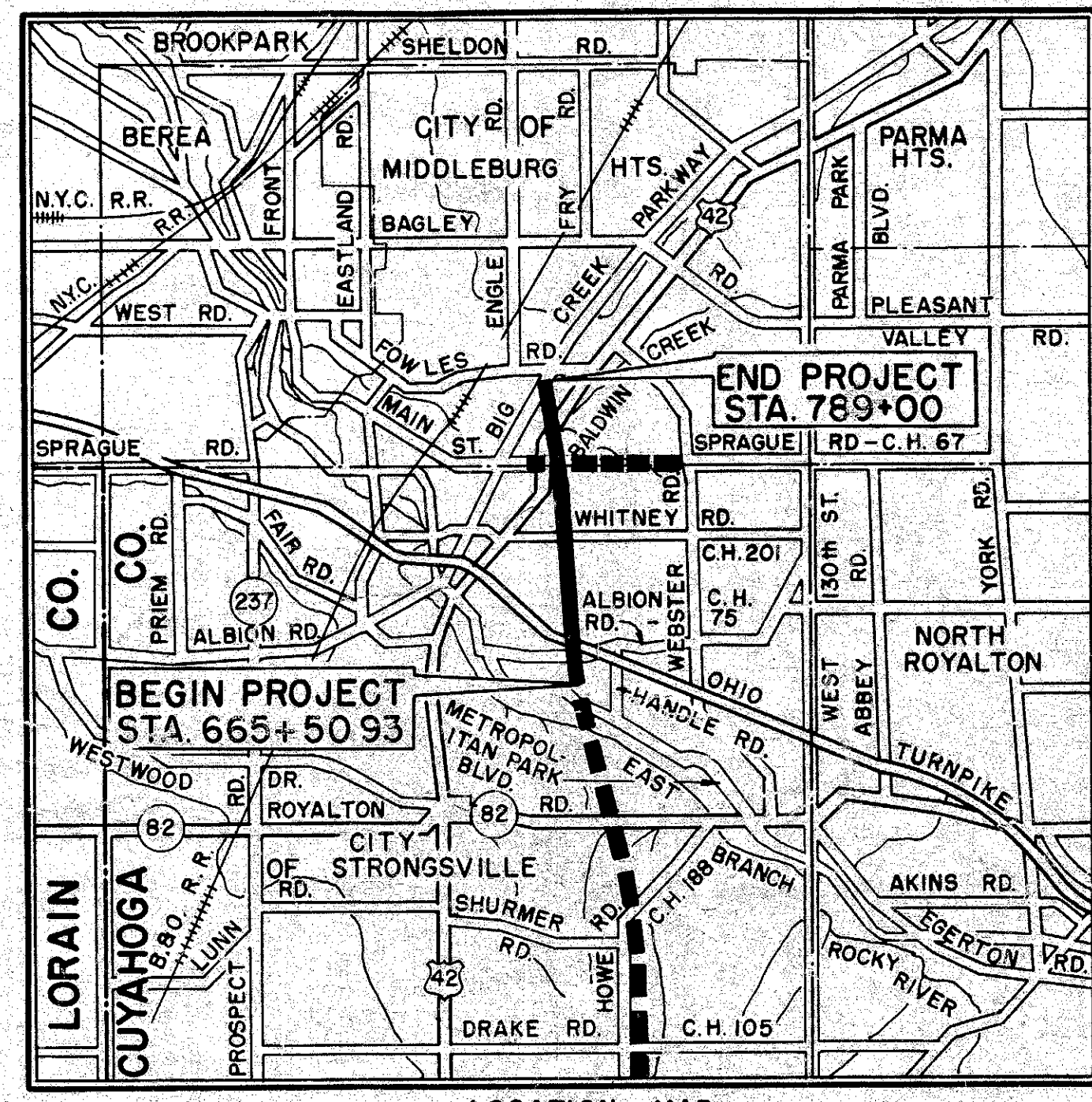
|                                     |     |
|-------------------------------------|-----|
| COUNTY LINE                         | --- |
| TOWNSHIP LINE                       | --- |
| SECTION LINE                        | --- |
| CORPORATION LINE                    | --- |
| CENTER LINE                         | --- |
| FENCE LINE                          | --- |
| POWER POLES                         | --- |
| TELEPHONE POLES                     | --- |
| GUARD RAIL - EXISTING               | --- |
| GUARD RAIL - PROPOSED               | --- |
| SOD DITCHES                         | --- |
| PAVED DITCHES                       | --- |
| SEED & MULCH DITCHES                | --- |
| DUMPED ROCK                         | --- |
| JUTE MATTING                        | --- |
| RIGHT OF WAY WITH LIMITED ACCESS    | LA  |
| RIGHT OF WAY WITHOUT LIMITED ACCESS | R/W |
| EXISTING RIGHT OF WAY               | --- |
| EXISTING STREAMS                    | --- |
| CONSTRUCTION LIMIT LINE             | --- |

### INDEX OF SHEETS

|                                   |                            |
|-----------------------------------|----------------------------|
| TITLE SHEET                       | 1                          |
| SCHEMATIC LAYOUT PLANS            | 2-3                        |
| TYPICAL SECTIONS                  | 4-11                       |
| GENERAL NOTES                     | 12-14                      |
| GENERAL SUMMARY                   | 15-17, 17A                 |
| CALCULATIONS                      | 18                         |
| PLAN & PROFILE                    | 19-32                      |
| CROSS SECTIONS                    | 33-75                      |
| ALBION RD. - C.H. 75              | 76-78                      |
| WHITNEY RD. - C.H. 201            | 79-82                      |
| SPRAGUE RD. - C.H. 67             | 83-85                      |
| PEARL RD. - U.S. 42               | 86-97                      |
| TEMPORARY RUNAROUNDS              | 98-99                      |
| OHIO TURNPIKE INTERCHANGE         | 100-111                    |
| U.S. 42 INTERCHANGE               | 115-141                    |
| STRUCTURES 20 FOOT SPAN AND UNDER | 142-155                    |
| MISCELLANEOUS DETAILS             | 156-162                    |
| BALDWIN CREEK RELOCATION          | 163-167                    |
| LIGHTING DRAWINGS                 | 168-175                    |
| SIGN SUPPORT DRAWINGS             | 176-186, 176A, 180A        |
| WATER MAIN DETAILS                | 187-202, 197A, 198A & 202A |
| STRUCTURES OVER 20 FOOT SPAN      | 203-241                    |
| RIGHT-OF-WAY PLANS                | 242-263, 263A              |
| SHEETS DELETED FROM PLAN          | 112, 113, 114              |

### LINE DATA

|                               |   |
|-------------------------------|---|
| Begin Project Part I          | Sta. 665+50.93  |
| End Project Part I            | Sta. 789+00.00  |
| No deductions                 |   |
| Net Length of Project Part I  | I-71-5(11)236 12,349.07 Lin. Ft. or 2.338 Mi.                           |
| Net Length of Project Part II | Sprague Rd. 5,770.61 Lin. Ft. or 1.092 Mi. ← 4,610.00 L.F. or 0.873 Mi. |
| TOTAL PROJECT                 | 18,119.68 Lin. Ft. or 3.431 Mi. ← 16,959.07 L.F. or 3.211 Mi.           |
| Add for Approaches:           |   |
| C.H. 75                       | Sta. 45+25 to 53+00 775.00 Lin. Ft.                                     |
| C.H. 201                      | Sta. 45+70 to 57+32 1,162.00 Lin. Ft.                                   |
| C.H. 67 (Part I)              | Sta. 215+03.16 to 218+42.55 339.39 Lin. Ft.                             |
| U.S. 42                       | Sta. 37+58.56 to 60+19.66 2,261.10 Lin. Ft.                             |
| North Approach                | Sta. 789+00 to 790+25 125.00 Lin. Ft.                                   |
| Length of Work Part I         | I-71-5(11)236 17,011.56 Lin. Ft. or 3.221 Mi.                           |
| Length of Work Part II        | Sprague Rd. 7,490.61 Lin. Ft. or 1.418 Mi.                              |
| TOTAL WORK                    | 24,502.17 Lin. Ft. or 4.640 Mi.   |



DELIVERY POINT - BEREA N.Y.C. R.R.  
SCALE IN MILES  
AVERAGE HAUL - 4.0 MILES

PORTION TO BE IMPROVED  
STATE HIGHWAYS  
OTHER ROADS  
OTHER PROJECTS

SCALES  
PLAN 1" = 50'  
PROFILE - HORIZONTAL 1" = 50'  
PROFILE - VERTICAL 1" = 5'  
CROSS SECTIONS 1" = 10'

Revisions made on the following sheets:  
Part I - 15, 16, 17, 17A, 19, 23, 24, 100, 115, 211, 176A, 193, 194  
Part II - 1, 6, 8, 9, 10, 11, 12  
Rev. 12-18-64 C.E.H.

### STANDARD CONSTRUCTION DRAWINGS

|           |          |                  |         |             |          |                    |         |
|-----------|----------|------------------|---------|-------------|----------|--------------------|---------|
| L-1       | 4-1-50   |                  |         |             |          |                    |         |
| F3B-1-62  | 1-15-63  | A5-1-54          | 7-5-62  | SD-1-63     | 11-12-63 | AR1-57             | 4-2-62  |
| B-T-70-71 | 11-15-60 | I-8 C.B. 2-2-ARB | 2-1-63  | I-15 NO.1   | 11-15-60 | L.J. NO.1          | 7-1-55  |
| B-T-71R   | 3-2-53   | I-8 C.B. NO.3-A  | 2-1-63  | I-15 NO.2 A | 8-17-60  | RI-1               | 7-15-58 |
| DR-1      | 1-3-55   | I-8 C.B. NO.4    | 2-1-63  | I-15 NO.5-B | 2-1-63   | T-35               | 1-2-56  |
| FACI-1    | 2-25-64  | I-8 C.B. NO.5    | 2-1-63  | I-15 NO.6   | 2-1-63   | T.J.               | 9-12-60 |
| FACI-2    | 2-25-64  | I-8 C.B. NO.6    | 2-1-63  | I-21-23     | 8-1-56   | H.W. No.1          | 8-1-63  |
| G-7-07    | 4-1-64   | I-8 M.H. NO.1    | 2-1-63  | L-3         | 4-1-50   | H.W. No.2          | 8-1-63  |
| HW-E      | 2-1-63   | I-12             | 2-1-63  | L-3-A       | 4-1-50   | H.W. No.3          | 8-1-63  |
| I-1       | 11-15-60 | I-14 G           | 1-22-52 | SF-53       | 6-30-61  | I-8 C.B. 2-3 & 2-4 | 2-1-63  |
| F-1       | 2-1-63   | F-2              | 2-1-63  | F-3         | 2-1-63   | I-8 M.H. No.1 A    | 2-1-63  |

### SUPPLEMENTAL SPECIFICATIONS

| NUMBER   | DATE         | NUMBER      | DATE     |
|----------|--------------|-------------|----------|
| B-112    | 8-21-61      | S-307       | 8-23-60  |
| I-125    | 6-26-61 Rev. | SSCE-101.04 | 5-22-56  |
| I-127    | 1-15-62 Rev. | M-106.11    | 1-26-61  |
| I-129    | 4-5-61 Rev.  | T-335       | 10-28-63 |
| I-212    | 6-23-61 Rev. |             |          |
| L-120    | 1-2-62 Rev.  |             |          |
| M-107.18 | 4-3-61 Rev.  |             |          |
| S-101    | 7-12-62      |             |          |

Length of Work Part I I-71-5(11)236 = 17,011.56' or 3.221 Mi.  
Length of Work Part II I-71-5(11)236 = 1,162.00' or 0.219 Mi.  
Total length of Work I-71-5(11)236 = 18,173.56' or 3.441 Mi.  
Length of Work S-11-1465(1) = 6,330.00' or 1.198 Mi.  
Total Work = 24,502.17 L.F. or 4.640 Mi.  
00254 R

FILE NO. CUY-42-3.38  
DATE OF LETTING \_\_\_\_\_ 19  
CONTRACT NO. \_\_\_\_\_

Rev. 12-18-64 C.E.H.