

1965 CONSTRUCTION FROM  
SLM 15.06 TO SLM 17.18

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

I-71-5(19) 249

| FED. RD. DIVISION | STATE | PROJECT        |  |
|-------------------|-------|----------------|--|
| 2                 | OHIO  | I-71-5(19) 249 |  |

CUY-71-15.06

CUY-71-15.06

GRADE SEPARATION WITH NORFOLK & WESTERN RAILWAY CO.

CITY OF CLEVELAND  
CITY OF BROOKLYN  
CUYAHOGA COUNTY

LIMITED ACCESS

This improvement is especially designed for through traffic and 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 of the Revised Code of Ohio.

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 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 of the highway to traffic and that provisions for the maintenance and safety of traffic will be as set forth on these plans and estimates.

Approved Charles M. Gurich  
Date 3-16-65 Division Deputy Director  
Approved C. H. Alfano  
Date 4-7-65 Engineer of Bridges  
Approved R. D. Ricker  
Date 4-13-65 Engineer of Location and Design  
Approved P. E. Shultz  
Date 4-13-65 Deputy Director of Design and Construction  
Approved T. H. Harned  
Date 3-30-65 Deputy Director of Right of Way  
Approved J. W. Wiskul  
Date 4-23-65 Deputy Director of Planning and Programming  
Approved \_\_\_\_\_  
Date \_\_\_\_\_ First Assistant Director  
Approved 4-23-65 P. E. Mahan  
Date \_\_\_\_\_ Director of Highways  
Approved Louis L. Thacker  
Date 3/16/65 Director of Public Service, City of Cleveland, Ohio

CONVENTIONAL SIGNS

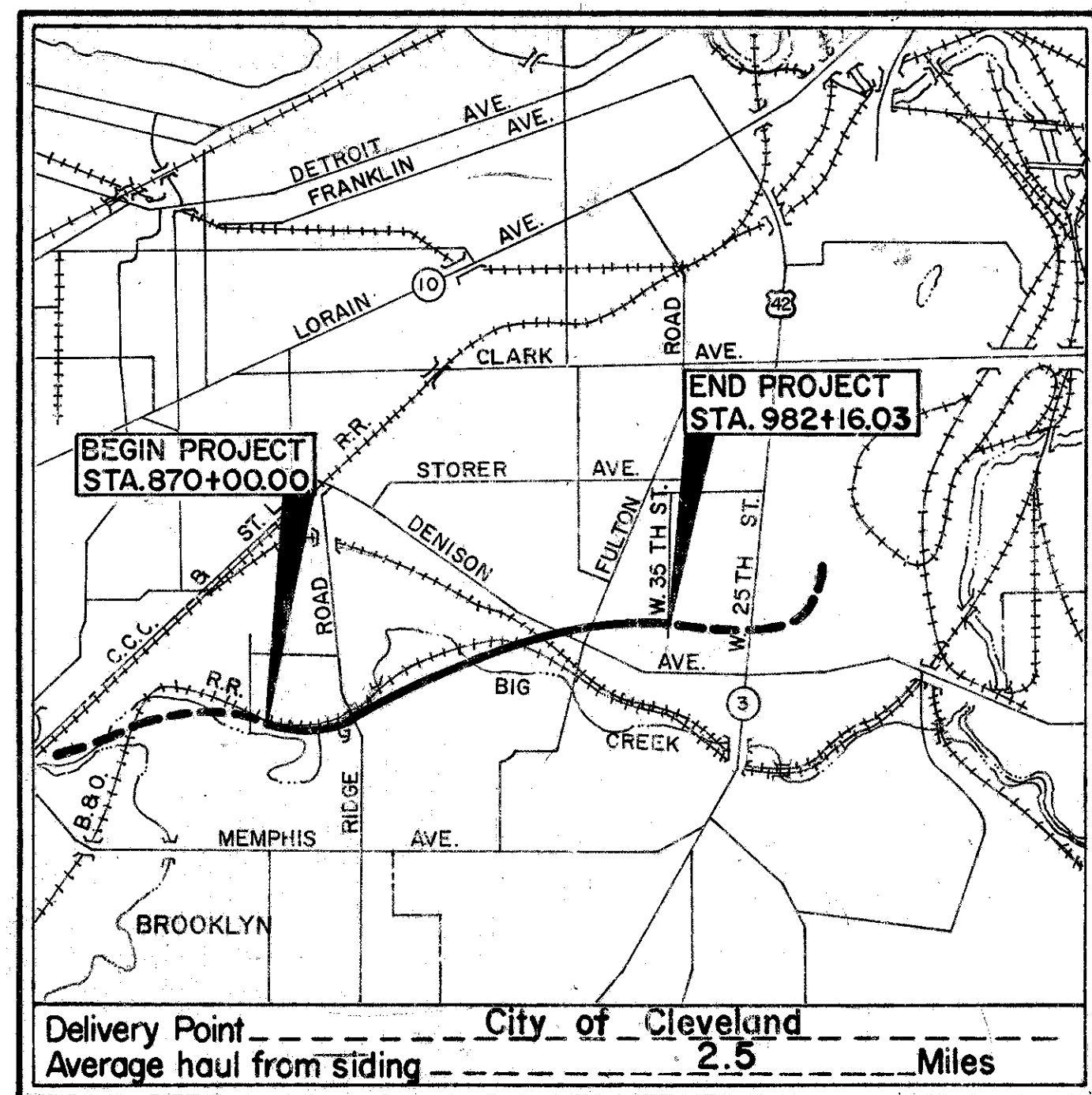
|                                 |         |
|---------------------------------|---------|
| County Line                     | -----   |
| Corporation Line                | -----   |
| Center Line                     | -----   |
| Township Line                   | -----   |
| Section Line                    | -----   |
| Fence Line                      | x x x x |
| Guard Rail (existing)           | -----   |
| Guard Rail (proposed)           | -----   |
| Railroad                        | -----   |
| Power Poles                     | P P P P |
| Telephone Poles                 | T T T T |
| Trees or stumps (existing)      | ⊗ ⊗ ⊗ ⊗ |
| Trees or stumps (to be removed) | ⊗ ⊗ ⊗ ⊗ |
| Limited Access Line             | -----   |
| Right of Way Line               | -----   |
| Limited Access and Right of Way | -----   |

INDEX SHEETS

|                              |                   |                          |                               |
|------------------------------|-------------------|--------------------------|-------------------------------|
| Title Sheet                  | 1                 | West 45th Street         | 208                           |
| Schematic Layout             | 2-4               | Pavement Details         | 209-215                       |
| Typical Sections             | 5-13              | Cul-de-sac               | 216-218                       |
| General Notes                | 14-16             | Drainage Plans           | 219-242, 242A, 242B           |
| Superelevation Charts        | 17-20             | Miscellaneous Details    | 243-249                       |
| General Summary              | 21-24             | Water Plans              | 251 251A, 251B, 252-278       |
| Sub-Summary                  | 25-27             | Lighting Plans           | 279, 282, 282A, 282B, 283-299 |
| Constant Pavement Sheet      | 28                | Signing Plans            | 300-317                       |
| I-71 Plan Sheet              | 29-39             | Landscaping Plans        | 318, 318A, 319-330            |
| Supplemental Quantity Sheets | 40-42             | Structures Over 20' Span | 331-368                       |
| I-71 Profile Sheets          | 43-62             | Retaining Walls          | 370-387                       |
| Cross Section Matchlines     | 63-68             | Right of way             | 388-428                       |
| I-71 Cross Sections          | 70-150            |                          |                               |
| West 58th St. Extension      | 151-166           |                          |                               |
| Denison Avenue               | 167-176, 176A     |                          |                               |
| Service Road No. 1           | 177-184           |                          |                               |
| Service Road No. 2           | 185-190           |                          |                               |
| Fulton Road Interchange      | 191-205 205A 205B |                          |                               |
| West 39th Street             | 206-207           |                          |                               |

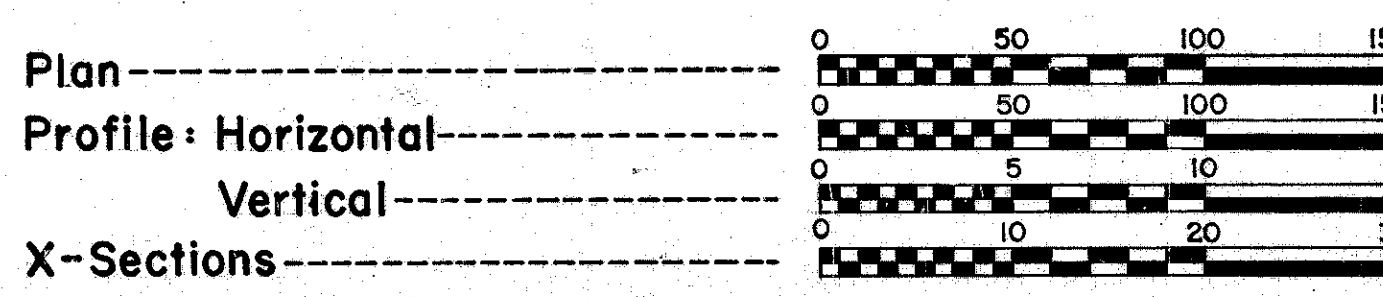
LINE DATA

|                       |                |                  |                                 |
|-----------------------|----------------|------------------|---------------------------------|
| Begin Project         | Sta. 870+00    | - Sta. 931+57.16 | = 6,157.16 lin. ft.             |
| End Project           | Sta. 931+08.00 | - Sta. 982+16.03 | = 5,108.03 lin. ft.             |
| Net Length of Project |                |                  | 11,265.19 lin. ft. or 2.133 mi. |
| Add for Approaches:   |                |                  |                                 |
| Denison Ave.          | Sta. 7+00.00   | - Sta. 19+25.00  | = 1,225.00 lin. ft.             |
| Fulton Rd.            | Sta. 13+28.06  | - Sta. 27+00.00  | = 1,371.94 lin. ft.             |
|                       | Sta. 867+40    | - Sta. 870+00    | = 260.00 lin. ft.               |
|                       | Sta. 982+16.03 | - Sta. 982+25    | = 8.97 lin. ft.                 |
| Net Length of Work    |                |                  | 14,131.10 lin. ft. or 2.676 mi. |



Portion to be improved  
State Roads  
Construction under other contract  
Other Roads

SCALES



| Supplemental Prints of Standard Construction Drawings |          |               |        |         |        |         |           |          |         |          |             |
|---|----------|---------------|--------|---------|--------|---------|-----------|----------|---------|----------|-------------|
| B-T-70-71   | 11-15-60 | 1-8CB-2-2A82  | 2-1-63 | 1-8     | 1NO.2  | 2-1-63  | LJ NO.1   | 7-1-55   | SD-1-63 | 11-12-63 | HW NO.1     |
| B-T-71R   | 3-2-53   | 1-8CB-2-3B2-4 | 2-1-63 | 1-8     | 1NO.2A | 2-1-63  | RI-1      | 9-1-64   | RB-1-55 | 2-2-59   | HW NO.2     |
| FACI-1  | 2-25-64  | 1-8CB NO.3    | 2-1-63 | 1-12    |        | 2-1-63  | T-35      | 1-2-56   | AR-1-57 | 4-2-62   | HW NO.3     |
| FACI-2  | 2-25-64  | 1-8CB NO.3A   | 2-1-63 | 1-15    | NO.2A  | 8-17-60 | TJ        | 9-12-60  | AS-1-54 | 7-5-62   | 1-8 MH NO.2 |
| G-7.07  | 4-1-64   | 1-8CB NO.5    | 2-1-63 | 1-15    | NO.6   | 2-1-63  | 1-15 NO.1 | 11-15-60 | CS-2-54 | 2-2-59   | L-3         |
| I-1   | 11-15-60 | 1-8CB-2-5-2-6 | 2-1-63 | 1-14    |        | 1-22-52 | DR-1      | 1-3-55   | F-1     | 2-1-63   | L-3A        |
| HW-E  | 2-1-63   | 1-8 M.H. NO.1 | 2-1-63 | 1-21-23 |        | 3-10-64 | L-1       | 4-1-50   | F-3     | 2-1-63   | SP-55       |

| Supplemental Specifications |              |
|-----------------------------|--------------|
| CE-101.04                   | 5-22-56      |
| I-124                       | REV. 3-30-61 |
| I-129                       | REV. 4-5-61  |
| L-120                       | REV. 1-2-62  |
| T-335                       | 10-28-63     |
| S-101                       | 7-12-62      |
| S-307                       | REV. 10-1-64 |
| I-212                       | REV. 6-23-61 |
| M-106.11                    | 1-2-61       |

PLANS PREPARED BY  
RACKOFF ASSOCIATES  
ENGINEERS COLUMBUS, OHIO  
Melvin Rackoff  
MELVIN RACKOFF

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

|                 |                              |
|-----------------|------------------------------|
| File No.        | CUYAHOGA COUNTY CUY-71-15.06 |
| Date of Letting | 19                           |
| Contract No.    |                              |