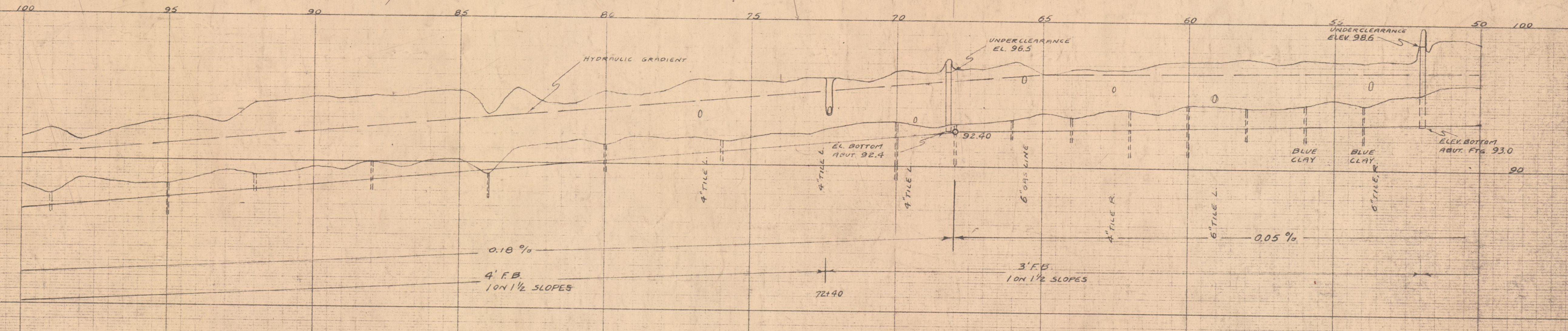
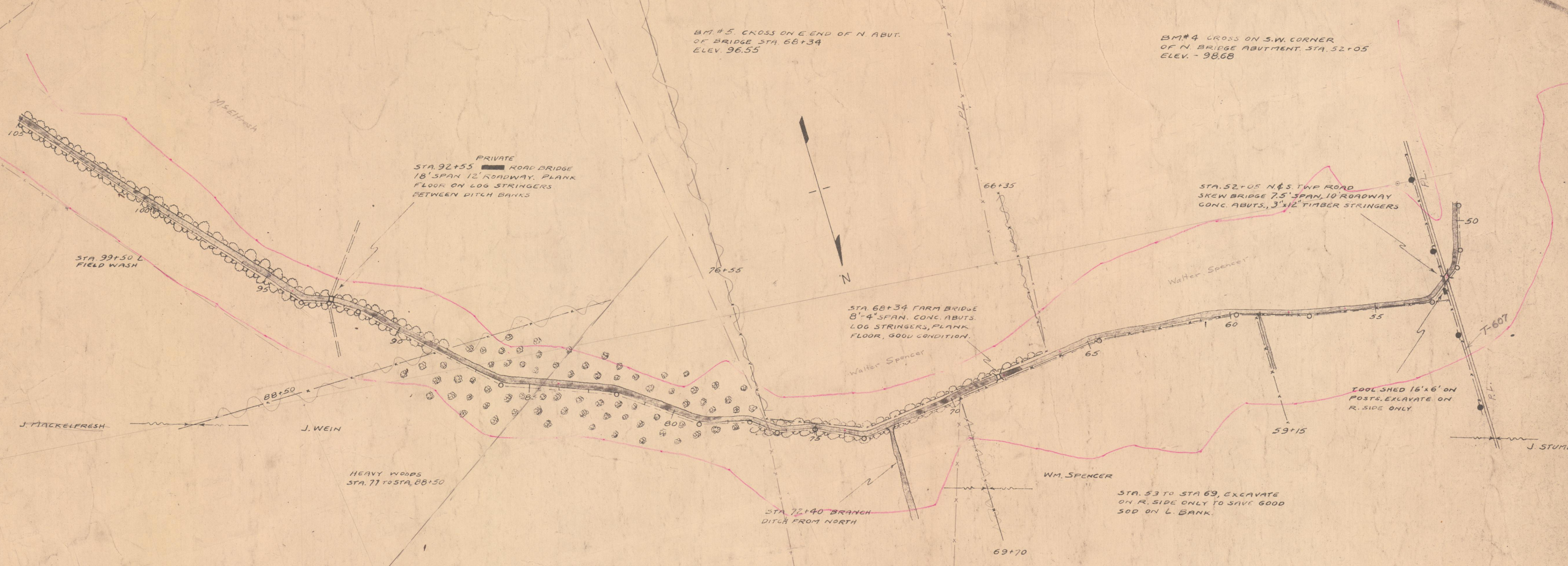




CROSS SECTION STA. 98

| HYDRAULIC DATA             |         |
|----------------------------|---------|
| ACRES DRAINED              | 1180    |
| EFFECTIVE DEPTH            | 3.6 FT. |
| CROSS SECTIONAL AREA       | 30.5    |
| HYDRAULIC RADIUS           | 1.79    |
| HYD. SLOPE                 | .0017   |
| VELOCITY                   | 2.45 SF |
| DISCHARGE CAP.             | 1.60    |
| (INCHES RUNOFF PER 24 HRS) |         |

CROSS SECTION STA. 74

| HYDRAULIC DATA             |              |
|----------------------------|--------------|
| ACRES DRAINED              | 1110         |
| EFFECTIVE DEPTH            | 3.5 FT.      |
| CROSS SECTION AREA         | 34.5 SQ. FT. |
| HYD. RADIUS                | 1.65         |
| HYD. SLOPE                 | .0017        |
| VELOCITY                   | 2.35 SF      |
| DISCHARGE CAPACITY         | 1.74         |
| (INCHES RUNOFF PER 24 HRS) |              |

CROSS SECTION STA. 72

| HYDRAULIC DATA             |              |
|----------------------------|--------------|
| ACRES DRAINED              | 884          |
| EFFECTIVE DEPTH            | 3.5 FT.      |
| CROSS SECTION AREA         | 28.8 SQ. FT. |
| HYD. RADIUS                | 1.73         |
| HYD. SLOPE                 | .0017        |
| VELOCITY                   | 2.40 SF      |
| DISCHARGE CAPACITY         | 1.86         |
| (INCHES RUNOFF PER 24 HRS) |              |

PLAN - 1"=200'  
PROFILE - HORIZONTAL 1"=200'  
VERTICAL 1"=4'  
CROSS SECTIONS - 1"=5'

|                                   |                |                    |                     |
|-----------------------------------|----------------|--------------------|---------------------|
| PLAN - PROFILE                    |                |                    |                     |
| REGION - 3 DAYTON, OHIO           |                |                    |                     |
| U.S. DEPARTMENT OF AGRICULTURE    |                |                    |                     |
| SOIL CONSERVATION SERVICE         |                |                    |                     |
| H.H. BENNETT, CHIEF               |                |                    |                     |
| LYE RUN DITCH MUSKINGUM Co., OHIO |                |                    |                     |
| Camp SC-22, Zainsville, Ohio      |                |                    |                     |
| CARTOGRAPHIC APPROVAL             |                | TECHNICAL APPROVAL |                     |
| DRAWN: H.W.M.                     | TRACED: H.W.M. | CHECKED:           | DATE: Sept. 1, 1941 |