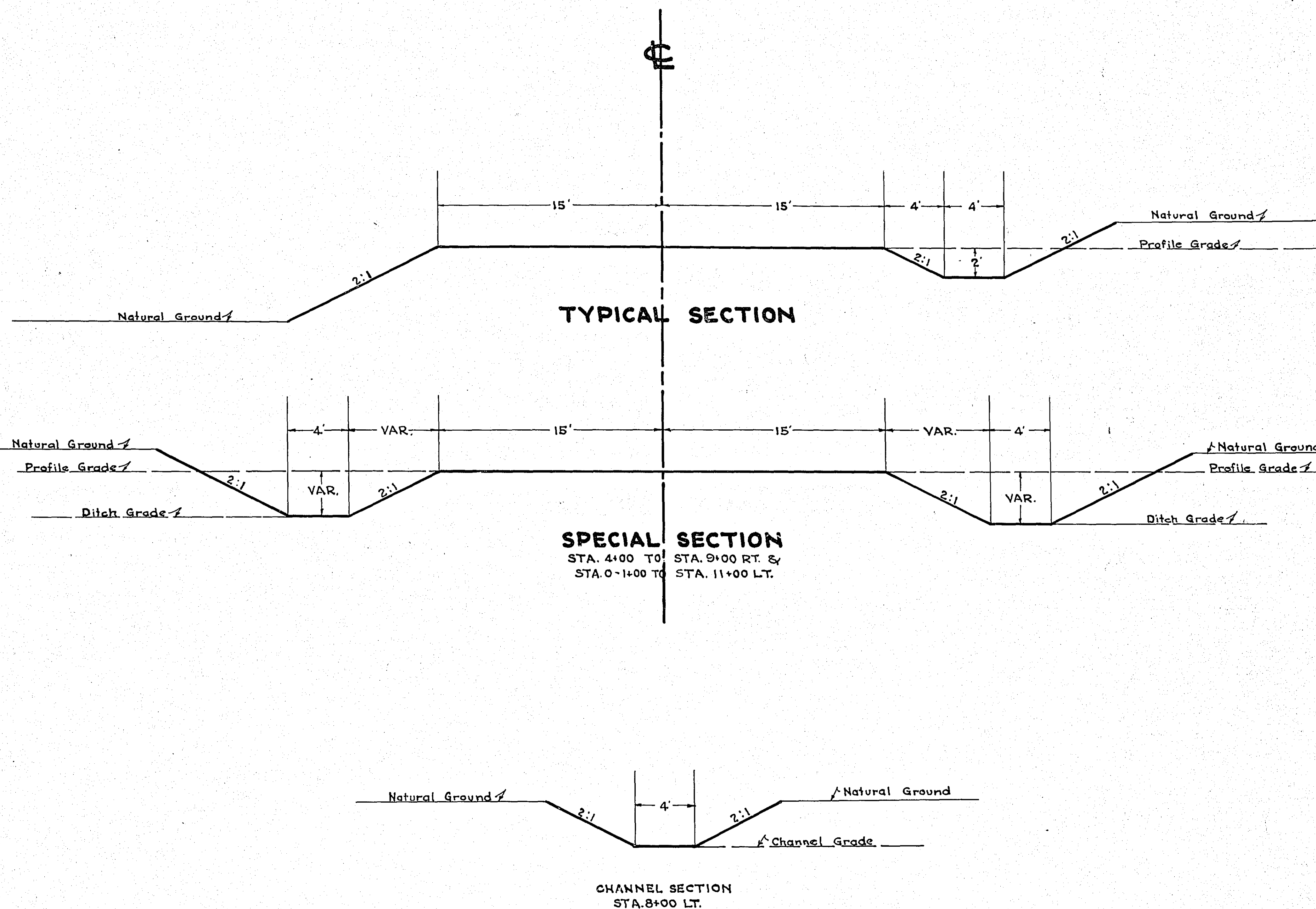


STATEMENT OF ESTIMATED QUANTITIES

| CLASS                 | ITEM | UNIT                       | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | MILE From To | TOTAL ESTIMATED QUANTITIES |
|-----------------------|------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------|
| GRADING               | 1    | Clearing                   | Trees        | 110          |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Grubbing                   | Trees        | 110          |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Clearing                   | Acres        | 1.5          |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Grubbing                   | Acres        | 1.5          |              |              |              |              |              |              |              |              |                            |
|                       | 5    | Excavation Earth           | Cu. Yds.     | 6739         |              |              |              |              |              |              |              |              |                            |
|                       | 6    | Excavation Loose Rock      | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    | Excavation Solid Rock      | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    | Excavation Overhaul        | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 9    | Excavation Special         | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 10   | Excavation Hand Ditch      | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 11   | Install 12" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 12   | Install 15" C.M.           | Lin. Ft.     | 400          |              |              |              |              |              |              |              |              |                            |
|                       | 13   | Install 18" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 14   | Install 24" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 15   | Install 30" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 16   | Install                    | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 17   | Install 18" Conc.          | Lin. Ft.     | 50           |              |              |              |              |              |              |              |              |                            |
|                       | 18   | Install 24" P3             | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 19   | Install 30" Conc.          | Lin. Ft.     | 42           |              |              |              |              |              |              |              |              |                            |
|                       | 20   | Install 36" P3             | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 21   | Install                    | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 22   | Install                    | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 23   | Remove Old Culvert         | Lin. Ft.     | 20           |              |              |              |              |              |              |              |              |                            |
|                       | 24   | Replace Old Culvert        | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 25   | Finishing                  | Sq. Yds.     | 20000        |              |              |              |              |              |              |              |              |                            |
|                       | 26   | Rubble Gutter              | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 27   | Headwall Concrete          | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 28   | Headwall Steel             | Lbs.         |              |              |              |              |              |              |              |              |              |                            |
|                       | 29   | Riprap                     | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 30   | Remove Fence               | Lin. Ft.     | 2800         |              |              |              |              |              |              |              |              |                            |
|                       | 31   | Replace Fence              | " "          | 2800         |              |              |              |              |              |              |              |              |                            |
|                       | 32   |                            |              |              |              |              |              |              |              |              |              |              |                            |
| C.M. CULVERTS         | 1    | Furnish 12" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Furnish 15" C.M.           | Lin. Ft.     | 400          |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Furnish 18" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Furnish 24" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 5    | Furnish 30" C.M.           | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    | Furnish                    | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    | Furnish 12" C.M. Band      | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    | Furnish 15" C.M. Band      | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 9    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 10   |                            |              |              |              |              |              |              |              |              |              |              |                            |
| P3 CULVERTS           | 1    | Furnish 18" Conc.          | Lin. Ft.     | 50           |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Furnish 24" P3             | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Furnish 30" Conc.          | Lin. Ft.     | 42           |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Furnish 36" P3             | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 5    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    |                            |              |              |              |              |              |              |              |              |              |              |                            |
| GUARD RAIL            | 1    | Guard Rail - Cable         | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Guard Rail Anchors         | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Dummy Posts                | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    |                            |              |              |              |              |              |              |              |              |              |              |                            |
| SIDEWALKS AND CURBING | 1    | Concrete Curb - Straight   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Concrete Curb - Radius     | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Remove Old Curb            | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Remove Old Curb and Gutter | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 5    | Remove Old Sidewalk        | Sq. Ft.      |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    | Replace Old Sidewalk       | Sq. Ft.      |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    | Construct New Sidewalk     | Sq. Ft.      |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    | Curb Inlet                 | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 9    | Catch Basin Complete       | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 10   |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 11   |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 12   |                            |              |              |              |              |              |              |              |              |              |              |                            |
| SEWER                 | 1    | 12" Vitrified Sewer Pipe   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 2    | 15" Vitrified Sewer Pipe   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | 18" Vitrified Sewer Pipe   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    | 20" Vitrified Sewer Pipe   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 5    | 24" Vitrified Sewer Pipe   | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    | Manhole Complete           | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    | Catch Basin Complete       | Each         |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 9    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 10   |                            |              |              |              |              |              |              |              |              |              |              |                            |
| SURFACE               | 1    | Gravel on Site             | Cu. Yds.     | 250          |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Hauling Gravel             | C.Y. Mi.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Shaping & Compacting       | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Oil Stabilization          | Sq. Yds.     | 6500         |              |              |              |              |              |              |              |              |                            |
|                       | 5    | Cut-back                   | Sq. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    |                            |              |              |              |              |              |              |              |              |              |              |                            |
| STRUCTURES            | 1    | Concrete                   | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 2    | Reinforcing Steel          | Lbs.         |              |              |              |              |              |              |              |              |              |                            |
|                       | 3    | Excavation                 | Cu. Yds.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 4    | Piling                     | Lin. Ft.     |              |              |              |              |              |              |              |              |              |                            |
|                       | 5    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 6    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 7    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 8    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 9    |                            |              |              |              |              |              |              |              |              |              |              |                            |
|                       | 10   |                            |              |              |              |              |              |              |              |              |              |              |                            |

DETAILS

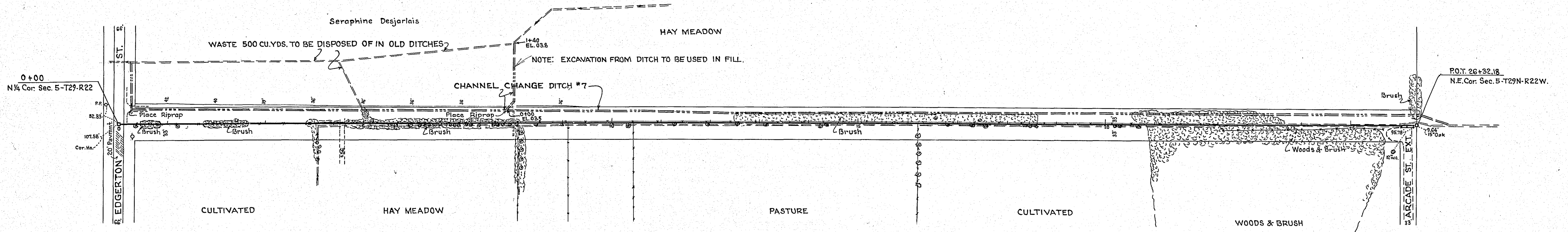


OFFICE OF  
 RAMSEY COUNTY SURVEYOR  
 HARRY S. BRONSON  
 GRADING PLAN OF  
**COUNTY ROAD "D"**  
 FROM EDGERTON ST. TO ARCADE ST. EXTN.  
 SEPT. 1939 SCALE AS SHOWN

PLANS APPROVED 9/27 1939 *Harry S. Bronson*  
 COUNTY SURVEYOR  
 APPROVED 10/2 1939 *W. J. Jallon*  
 CHAIRMAN COUNTY BOARD  
 APPROVED 9/29 1939 *Richard J. Jallon*  
 CHAIRMAN WHITE BEAR TOWNSHIP BOARD  
 APPROVED 9/29 1939 *Lewis J. Jallon*  
 CHAIRMAN NEW CANADA TOWNSHIP BOARD



0+24 L.H. Inp. 15'x20' C.M. Remove.  
 0+24 C. Pl. 18'x50' Conc.  
 8+00 C. Pl. 30'x42' Conc.  
 Place 20 - 15'x20' C.M. As Directed By The Engineer.



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