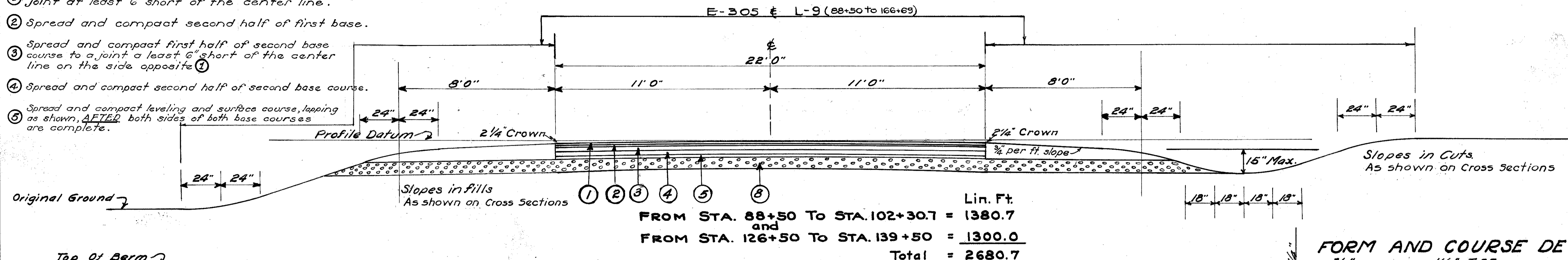


TYPICAL SECTIONS

SCALE 3/8" = 1'-0"
T-35

Painesville Euclid Road.
S.H. 520 Sec. B (Pt.) & Lakeline
Lake County.

- Spread and compact first half of first base to a joint at least 6" short of the center line.
- Spread and compact second half of first base.
- Spread and compact first half of second base course to a joint a least 6" short of the center line on the side opposite ①
- Spread and compact second half of second base course.
- Spread and compact leveling and surface course, lapping as shown, AFTER both sides of both base courses are complete.

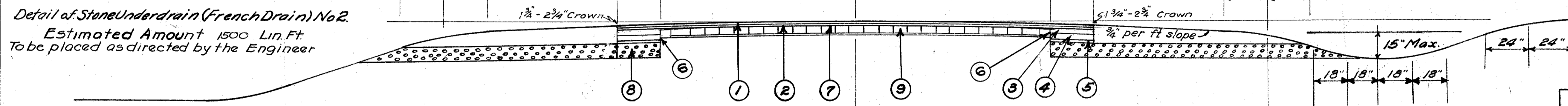


Lin. Ft.
FROM STA. 88+50 To STA. 102+30.7 = 1380.7
and
FROM STA. 126+50 To STA. 139+50 = 1300.0
Total = 2680.7

Detail of Stone Underdrain (French Drain) No. 2.
Estimated Amount 1500 Lin. Ft.
To be placed as directed by the Engineer.

1" No. 46 Stone
7" No. 2 Stone
Apply 0.5 Gal. Per Sq. Yd. Bit. Mat. Sec. M-5-1 A-1 with sufficient fines to prevent excess penetration.

A. Hand tamp lightly No. 2 stone to a finished depth of 7" before placing No. 46 stone.
B. Hand tamp lightly No. 46 stone to a finished depth of 1" before applying the Bit. Mat.
C. In the application of the Bit. Mat. see that the trench is covered the full width forming an impervious mat.

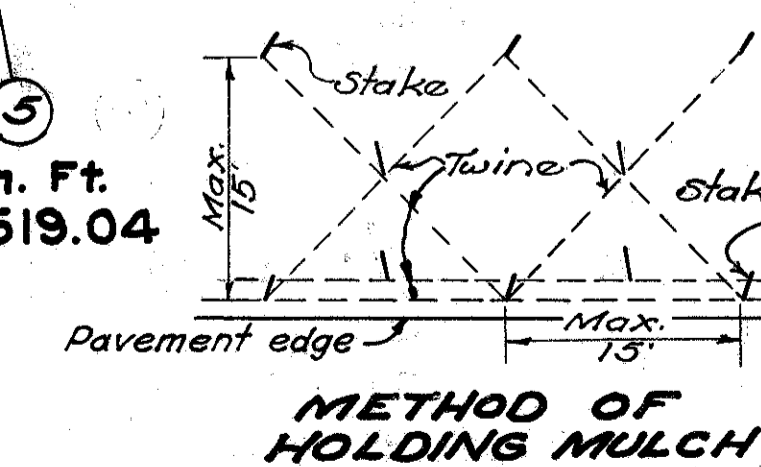


Lin. Ft.
FROM STA. 103+34.21 To STA. 126+50 = 2315.79
and
FROM STA. 139+50 To STA. 166+69.25 = 2719.25
Total = 5035.04

- Item T-35 1/4" Asphaltic Concrete Surface Course Type A.
- Item B-35 3/4" Minimum Thickness Asphaltic Concrete Leveling Course
- Item B-35 3" Asphaltic Concrete Second Base Course.
- Item B-35 3" Asphaltic Concrete First Base Course.
- Item I-19 1/4" Insulation Course
- Item E-10 Sealing Edge of Existing Pavement Using Bit. Mat. Sec. M-5-12, AE-3, Applied At The rate Of 0.15 Gal. Per Sq. Yd.
- Item T-30 Bitu Prime Coat Using Bit. Mat. Sec. M-5-12, AE-3, Applied At The Rate Of 0.15 Gal. Per Sq. Yd. And Sand Cover 4 To 7 Pounds Per Sq. Yd.
- Item I-9 Stone Underdrain (See detail above.)
- Existing Brick Pavement.

Note: Old Guard Rail to be removed by State Highway Maintenance Dept.
Note: Pipe Removed & Stored to include Removal & Disposal of existing headwalls
Note: Engineer to adjust new grades to overcome tilted pavement where necessary.
Note: Intersections to be built as directed by the Engineer, using amount set up on plan sheets.

SEEDING & PROTECTING NOTES
① L-9 Commercial Fert. - 11 lbs per 1000 sq. ft. at rate of 20 lbs per 1000 sq. ft.
(1) Compaction will not be required on the top 3" of embank due to seeding.
(2) Items E-305 & L-9 shall be performed on all earth area within limits of work.
(3) Seed shall be sown at the rate of 4 lbs per 1000 sq. ft. using the following mixture: 60% Kentucky Blue Grass, 20% Domestic Rye Grass & 20% Red Top.
(4) Straw shall be held in place by lath stakes 4" to 8" long, and binder twine as shown in sketch.
The two lines of twine along pavement edge shall be further held by no. 9 wire staples 6" long spaced 4 feet apart.



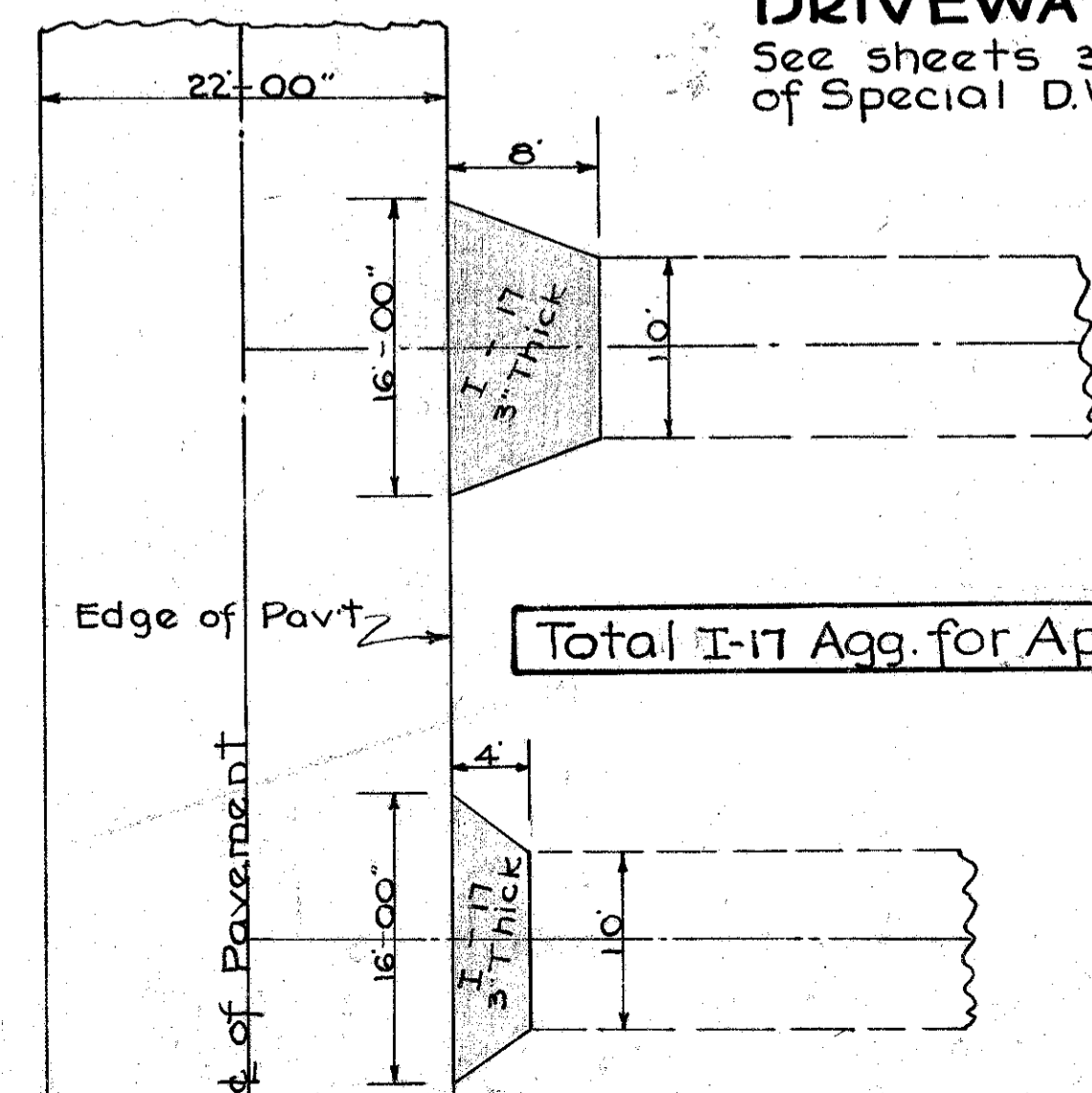
MAIL BOX APPROACHES
Estimated for Mail Box Approaches
40. Cu. Yds I-17

GAS STATION APPROACHES (3" Thick)

| Sta. | Side | Length | Depth | Cu. Yds I-17 |
|--------|------|--------|-------|--------------|
| 76+72 | Rt. | 40 | 10 | 3.7 |
| 95+00 | Lt. | 150 | 19 | 26.4 |
| 161+50 | Lt. | 200 | 19 | 35.2 |
| Total | | | | 65.3 |

Side Approaches shall be constructed of 60% No. 4 Aggregate and 40% No. 7 Aggregate compacted with a roller weighing not less than 2 1/2 tons.

DRIVEWAY APPROACHES
See sheets 30-31-32-33 for details of Special D.W. Approaches.



TYPICAL DRIVEWAY APPROACH
FROM STA 88+50 TO STA 166+69.25
 $[(16+10)/2] \times 8 \times .25 \div 27 = 1.0$ Cu. Yd
No. of Drives = 20
20 x 1.0 = 20. Cu. Yds I-17

TYPICAL DRIVEWAY APPROACH
FROM STA 43+30.96 TO 88+50
 $[(16+10)/2] \times 4 \times .25 \div 27 = 0.5$ Cu. Yd
No. of Drives = 56
56 x 0.5 = 28. Cu. Yds I-17