

GENERAL NOTES & SUMMARY

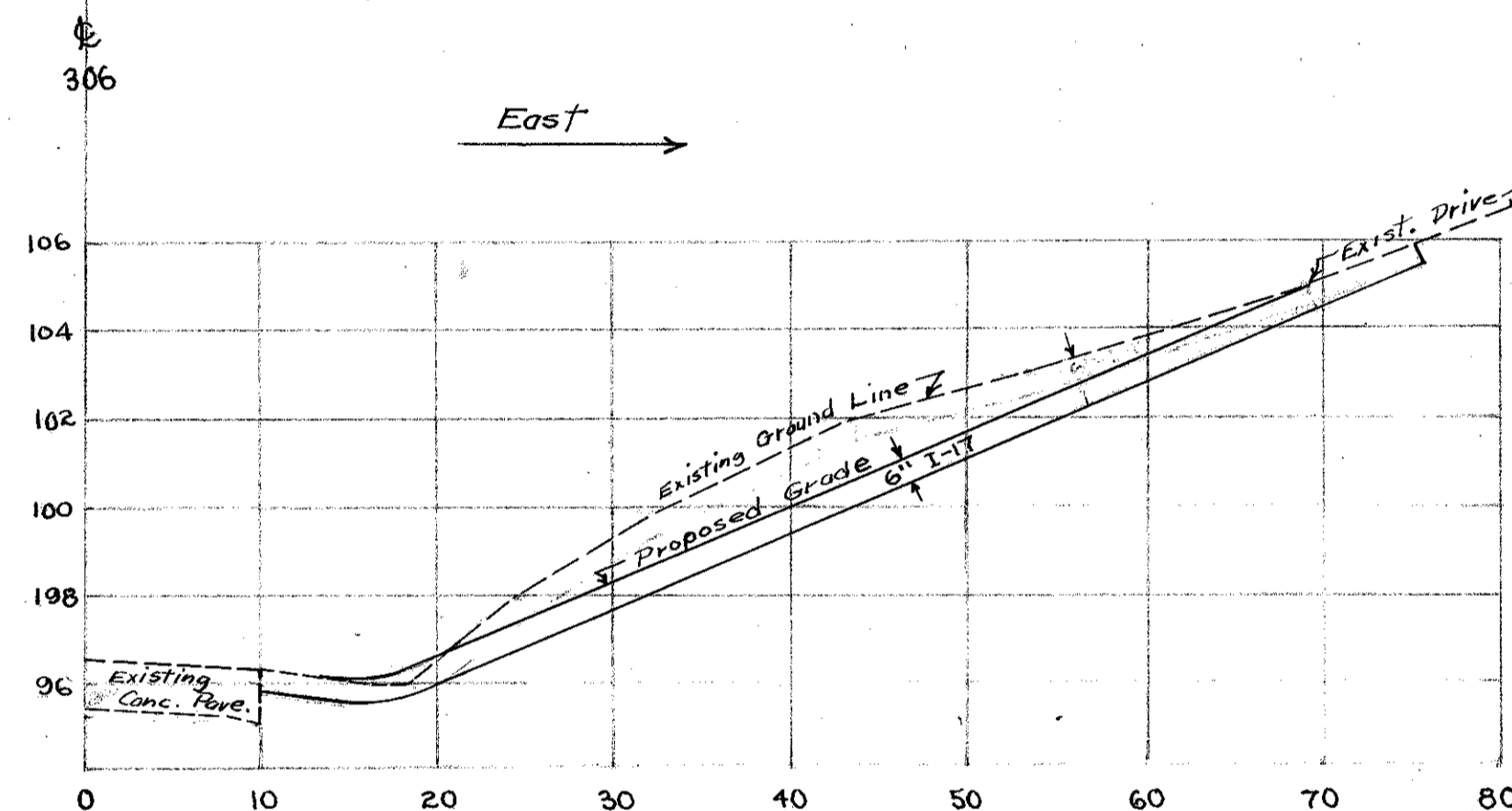
TRAFFIC: Two way traffic shall be maintained at all times. The item of Maintaining Traffic shall include furnishing lights, all signs, barricades, and watchmen according to the requirements of Sec. G-8.07, barricades danger & warning signs to secure the flow of traffic twenty-four (24) hours daily.

UTILITIES: Any and all work required for public or private Utilities will be done by and at the expense of their respective owners.

The cost of the removal and disposal of all pipe and concrete headwalls shall be included in Item S-24. The lump sum price bid for the removal and disposal of the existing structure.

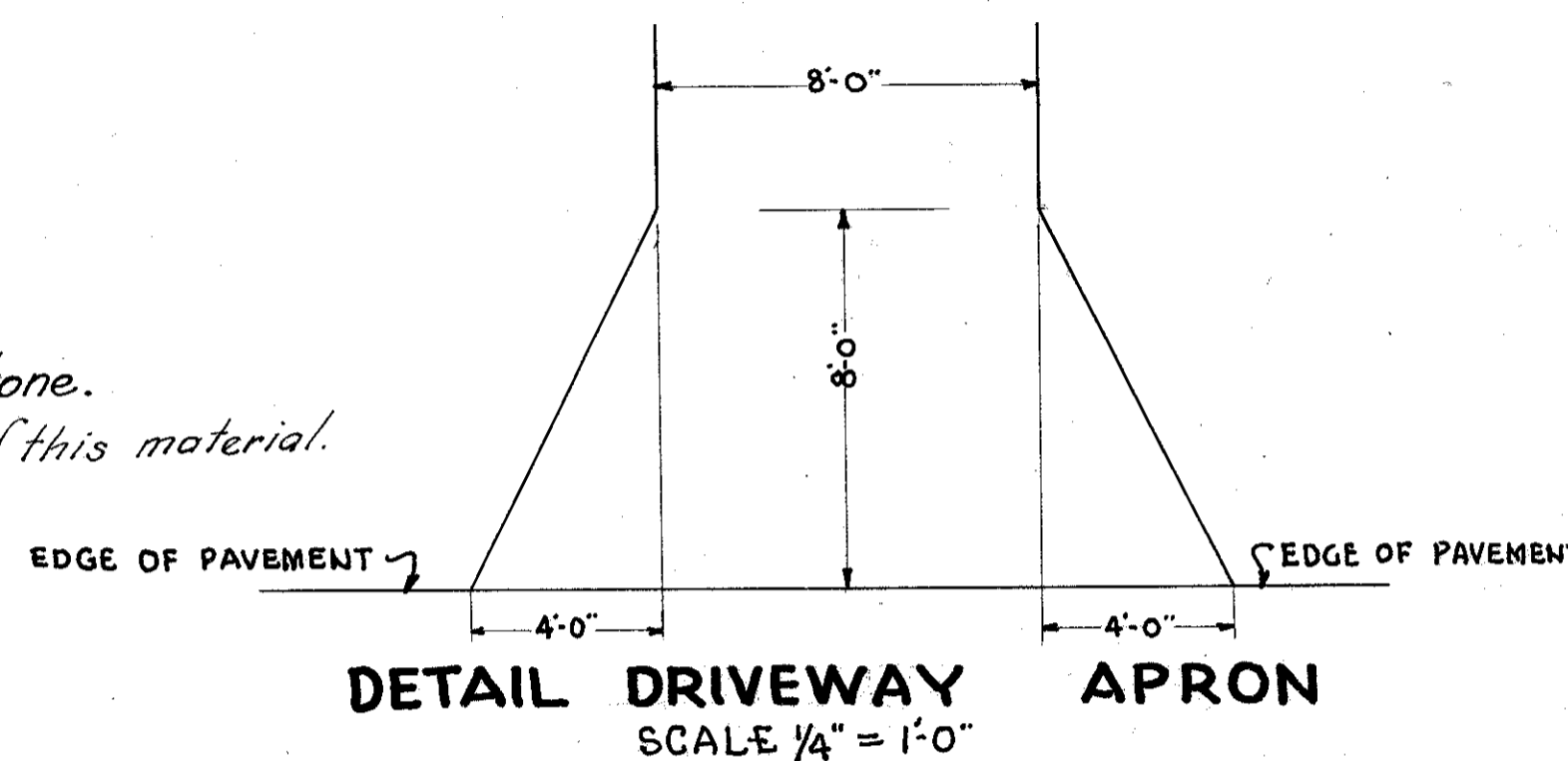
ITEMS T-71 & I-7 - Hand finishing will be permitted as per Sec. T-71.211 of the specifications.

ITEM I-17 Aggregate for this item shall be either slag or crushed stone. Special care shall be taken to obtain maximum compaction of this material.



PROFILE OF DRIVEWAY RELOCATION

SCALE Vert. = 1" = 4'
SCALE Hor. = 1" = 10'



CALCULATION FOR I-17 DRIVEWAY EXCAVATION

$$(70' \times 8' \times 6') \div (12 \times 27) = 10.3 \text{ Cu. Yds. Use } 12 \text{ Cu. Yds.}$$

$$10.3 \times 115\% = 11.8 \text{ Cu. Yds.}$$

CALCULATION FOR DRIVEWAY EXCAVATION

$$(4.0 + \frac{17.64}{2} \times 40) \div 27 = 16.02 \text{ Cu. Yds.}$$

$$(\frac{17.64 + 4.0}{2} \times 30) \div 27 = 12.10 \text{ Cu. Yds.}$$

28.12 Cu. Yds. - Add 1 c.y. for adjoining Pavement
29.12 Cu. Yds. Excavation.

CALCULATION FOR T-35 ASPHALTIC CONCRETE SURFACE COURSE 2-1/4"

Sta. 228+34.71 (Back) to 228+49.71 (Back) & Sta. 231+40.83 (Ahead) to 231+55.83 (Ahead)

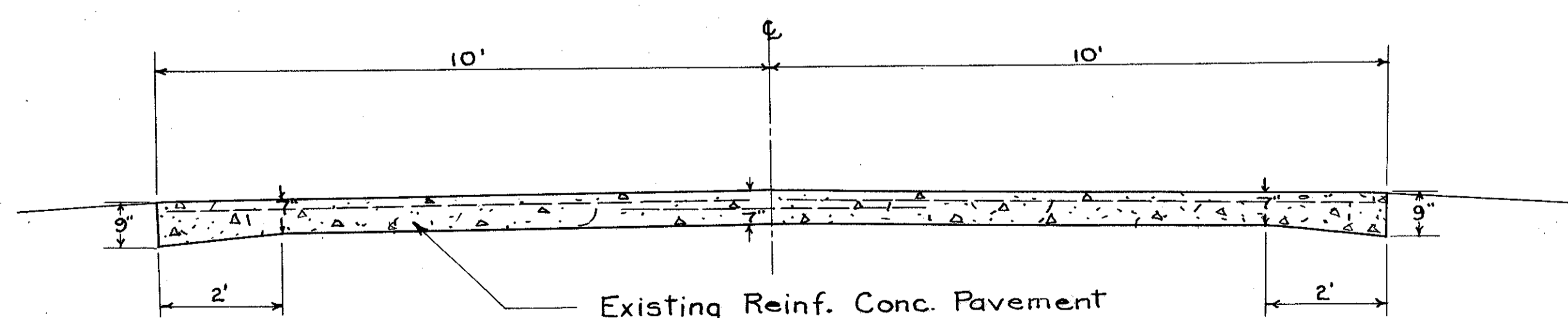
$$40 \text{ sq. yds. } (40 \times 2.5 \div 36) \div 2 = 5.55 \text{ Cu. Yds. } + 40.14$$

Use 6 Cu. Yds.

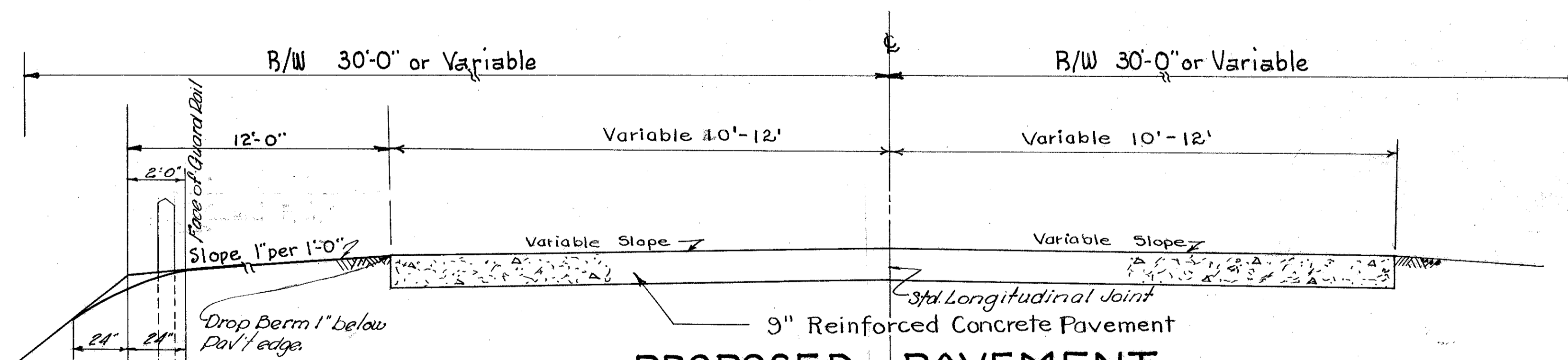
* REF. NO.	TYPE CODE	TOTAL	UNIT	GENERAL SUMMARY DESCRIPTION
R	E-8	301	Sq. Yds.	Removal and Disposal of Existing Pavement
R	T-71	135	Sq. Yds.	9" Reinforced Portland Cement Concrete Pavement
R	I-7	80	Sq. Yds.	Standard Reinforced Concrete Approach Slabs
R	I-15	319.10	Lin. Ft.	Guardrail, Steel Beam Type (Deep)
R	I-15	250	Lin. Ft.	Guardrail Removed and Stored
R	I-17	12	Cu. Yds.	Side Approaches, Mail Box Turnouts, And Berm Material As Per Plan
D	I-2	46	Lin. Ft.	12" Pipe For Storm Sewers
D	I-2	68	Lin. Ft.	18" Pipe For Storm Sewers
D	T-30	8	Gals.	Bituminous Tack Coat, See M-55 MS-2 or SS-1 on Outlets
R	E-9	4	Each	Removal of Trees and Stumps
D	S-1	1	Cu. Yds.	Concrete for Structures, Class "C" Gate Headwall
D	S-4	26	Lbs.	Reinforcing Steel for Concrete Roadway
R	L-9	2000	Sq. Yds.	Seeding & Protecting Type "A"
R	L-9	0.18	Tons	Commercial Fertilizer (10-6-4)
D	I-8	1	Each	Standard No. 1-2-A Catch Basin
D	I-8	1	Each	Standard No. 1 Manhole
R	E-1	30	Cu. Yds.	Roadway Excavation
D	T-35	6	Cu. Yd.	Asphaltic Concrete Surface Course, Type "A" or "B" (75-100)

* D - Pavement Quantities
* R - Roadway Quantities
* D - Drainage Quantities

STRUCTURE OVER 20 FOOT SPAN
FOR ESTIMATED QUANTITIES SEE SHEET NO. 6



ADJOINING PAVEMENT TYPICAL SECTION
Sta. 217+82 TO Sta. 295+43
Scale 1/2" = 1'



PROPOSED PAVEMENT TYPICAL SECTION
Sta. 228+09.2 to Sta. 228+34.71 & Sta. 231+55.83 to Sta. 231+87.76
SCALE 1/2" = 1'