

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		1927

1/8

I.C.H. 21 SEC. Q
FULTON COUNTY

STATE OF OHIO
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS
TOLEDO - ANGOLA - ROAD
 I.C.H. No. 21 SEC. Q. PET No. 5455
FULTON COUNTY
GORHAM & CHESTERFIELD TOWNSHIPS 1927

The Standard Specifications of the State of Ohio Division of Highways in force on date of Contract will govern this improvement.

I hereby approve these Plans and declare that the making of this improvement will require the closing to traffic of the Highway and that detours will be provided as shown on the Plan & Estimates.

Approved *R. W. Bates*
 Date 7-14-27 Resident Engineer

Approved *M. L. Averbach*
 Date 7-16-27 Resident Deputy
 State Highway Commissioner

Approved _____
 Date _____ Chief Engineer
 Bureau of Construction

Approved _____
 Date _____ Chief Engineer
 Bureau of Maintenance

Approved _____
 Date _____ Chief Engineer
 Bureau of Bridges

Approved _____
 Date _____ State Highway Engineer

Approved _____
 Date _____ Director of Highways
 & Public Works

Approved _____
 Date _____ District Engineer
 Bureau of Public Roads

Approved _____
 Date _____ Chief Engineer
 Bureau of Public Roads

Approved _____
 Date _____ Chief of Bureau

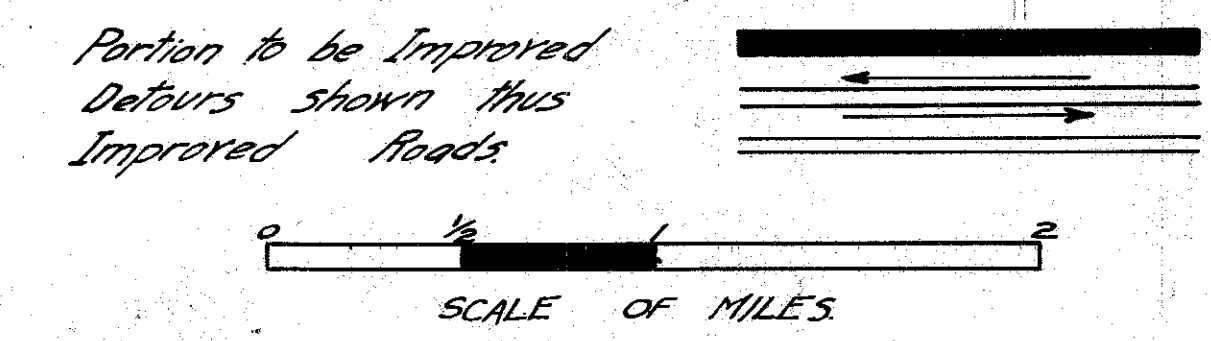
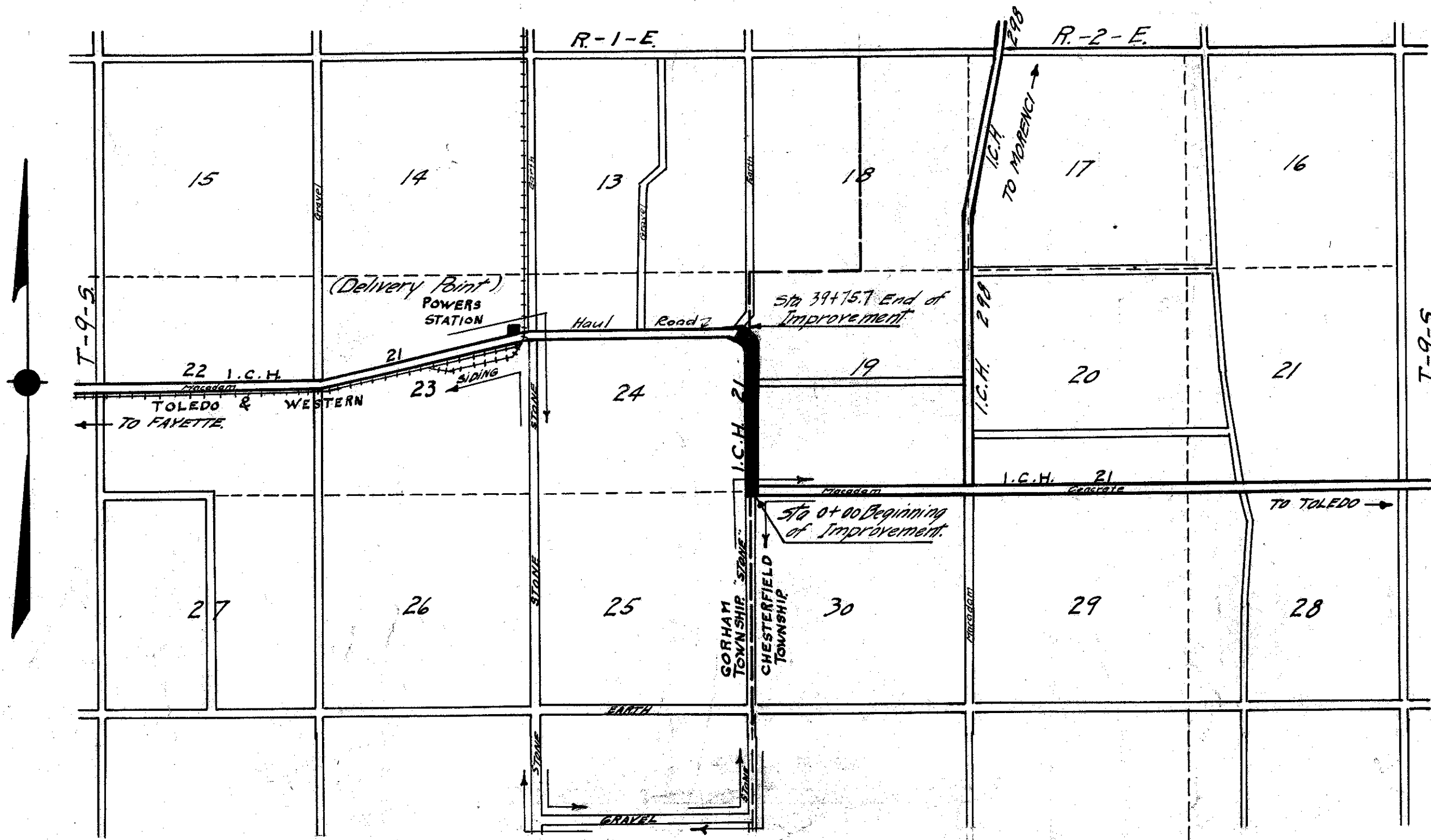
CONSTRUCTION BUREAU
 JUN 21 1955
 GROUND PHOTO LAB

INDEX

Title Page	P-1
Typical Cross-Sections	P-2
Plan & Profile	P-3&4
Cross Sections	P-5,6&7
Structural Plans	P-8
Summary Sheet	P-8
Approaches	P-4

CONVENTIONAL - SIGNS

State Line	_____
County Line	_____
Township Line	_____
Section Line	_____
Property Line (Not fenced)	_____
Center Line	_____
City or Village Line	_____
Fence Line	X-X-X-X-X
Telephone or Telegraph	T-T-T-T-T
Steam Railroad	_____
Electric Line	_____
Guard Rail	_____
Drain Pipe (Old)	_____
Drain Pipe (New)	_____
Trees & Stumps	⊙ ⊙ ⊙ ⊙ ⊙



SCALES
 Plan 1" = 100'
 Profile (Vertical) 1" = 10'
 Profile (Horizontal) 1" = 100'
 Cross-Sections 1" = 5'

We the Commissioners of Fulton County hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above highway.

 M. A. Bettorf County Commissioners
 Edwin Russell

Date 7-14-27 1927

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TYPICAL SECTION

ROUGH GRADE NOTE.

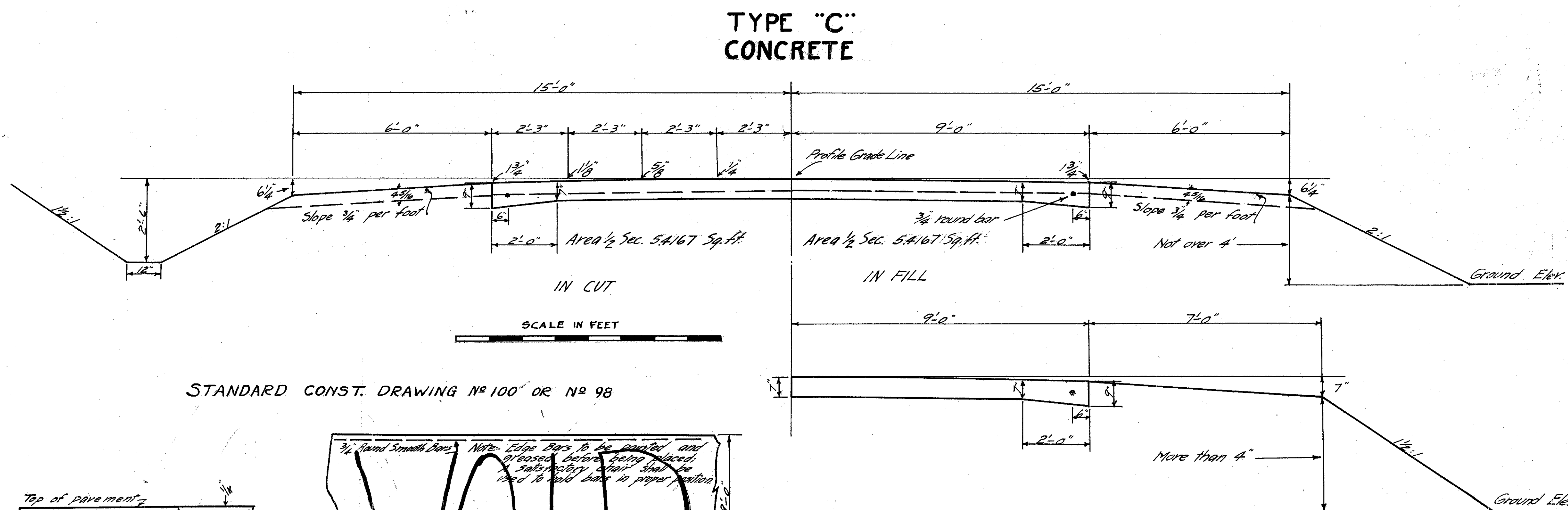
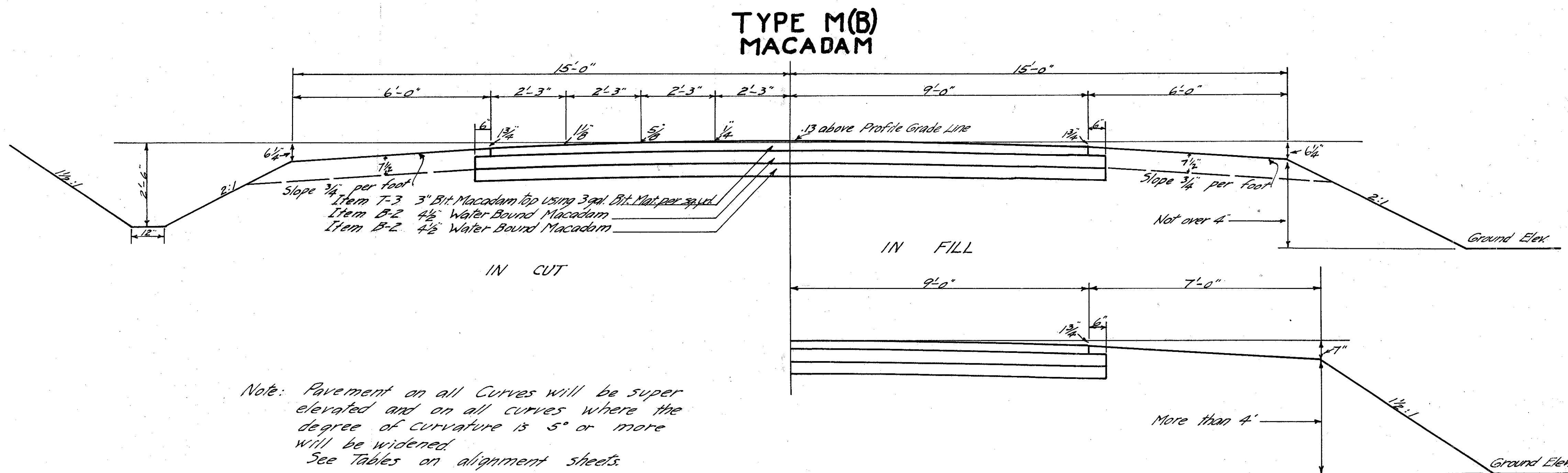
Rough Grading will be completed to the Cross-Section indicated by the Broken line for all Types. All Earth below the broken line for the width of the pavement and the full width of the berms shall be scarified to the depth of the sub-grade and parallel to the slope of the broken line before any excavated material is placed on the shoulders. The Sub-Grade shall then be prepared as provided for in the specifications for the Type of Pavement to be built and the material removed from the sub-grade or adjacent thereto be placed on the shoulders.

EXCAVATION NOTES.

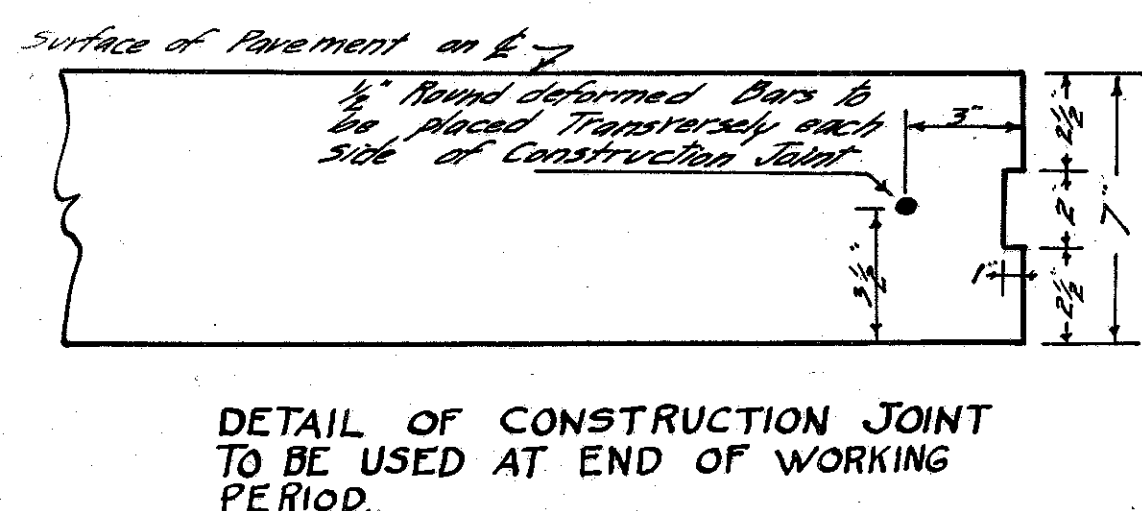
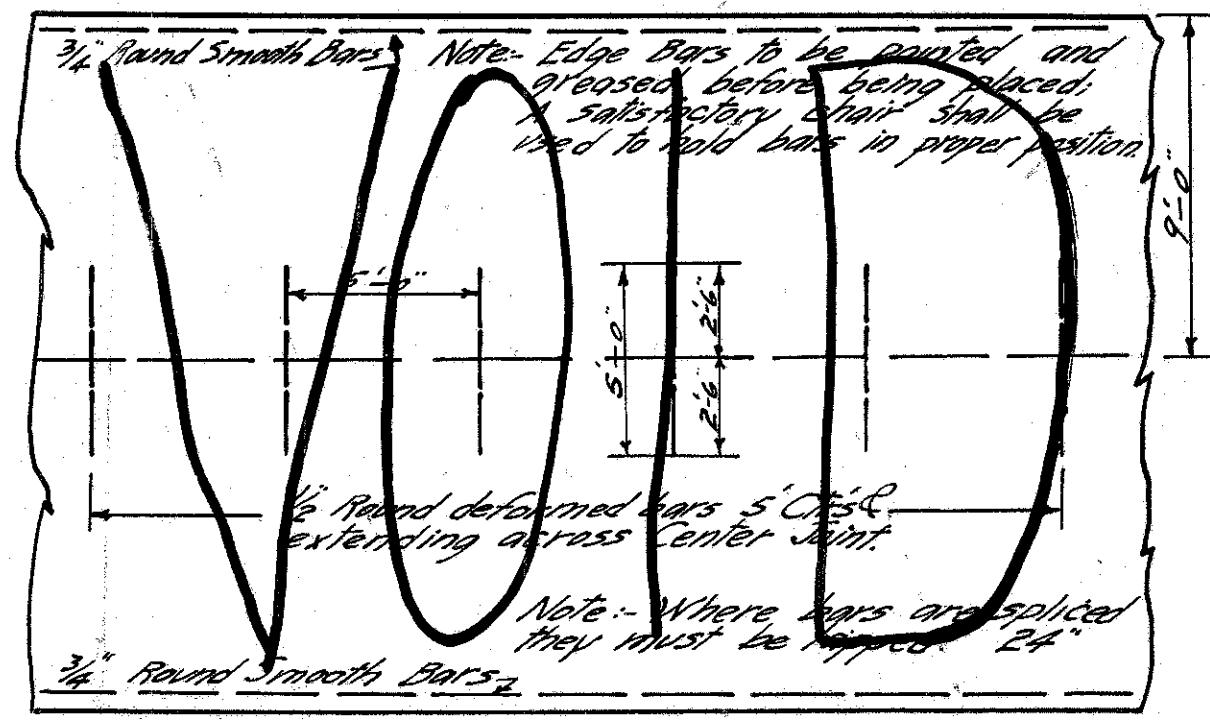
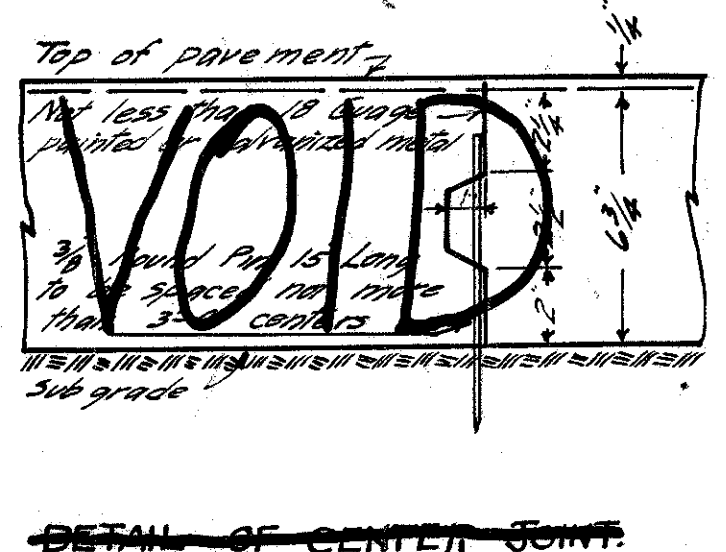
Cross Sections are drawn and excavation is calculated for Type C Pavement.
 For Type M(B) Pavement raise Grade line .168
 Average depth of Type M(B) pavement 1.00
 Average depth of Type C Pavement .602
 Difference in depth .398
 Raise grade for Type M(B) pavement .168
 Extra depth of Trench exca for Type M(B) .221
 Increased cut for Type M(B) Pavement $19 \times .221 = 4.20$
 Decreased Cut for Type M(B) Pavement $25 \times .168 = 4.20$
 Excavation remains the same.

CONSTRUCTION NOTES

Bermes Slopes & Ditches shall be finished to conform to cross-sections as shown for each Station and put in shape for immediate Seeding.
 There shall be no open Ditches along Yards & Drives and where the new Grade is finished above the present Grade of Yards & Drives the Slope shall be continued back to conform with the Berm Slope.
 Pipe & Tile shall be placed as shown on plans and cross-sections.
 Contractor shall connect all lateral drains with tile providing the Land Owner does the extra excavating and furnishes the necessary tile at the time Contractor is laying tile under his Contract Care shall be taken not to damage any side drains along open ditches.
 All Pipe laid in side road ditches for over-flow water shall be laid true to line and Grade.
 All materials removed from Roadway which are not to be used as per contract shall be piled neatly on Right of Way not more than 300 feet from place of removal for the County Commissioners.
 All Monuments or Land Markers found by Contractor during progress of Work shall not be disturbed until Engineer has established witnesses to same.
 The joints of all Pipe laid at Outlet end of tile shall be thoroughly closed with Concrete.
 All Back-filling located within the limits of the Roadbed shall be made by depositing and thoroughly tamping good sound material in layers not exceeding six (6) inches in thickness.
 Joints where size of tile change, special connections lateral connections and upstream end of tile drains shall be thoroughly sealed and covered with concrete.
 Contractor shall remove no trees within limits of Right of Way unless he is directed to do so by the Engineer in Charge.



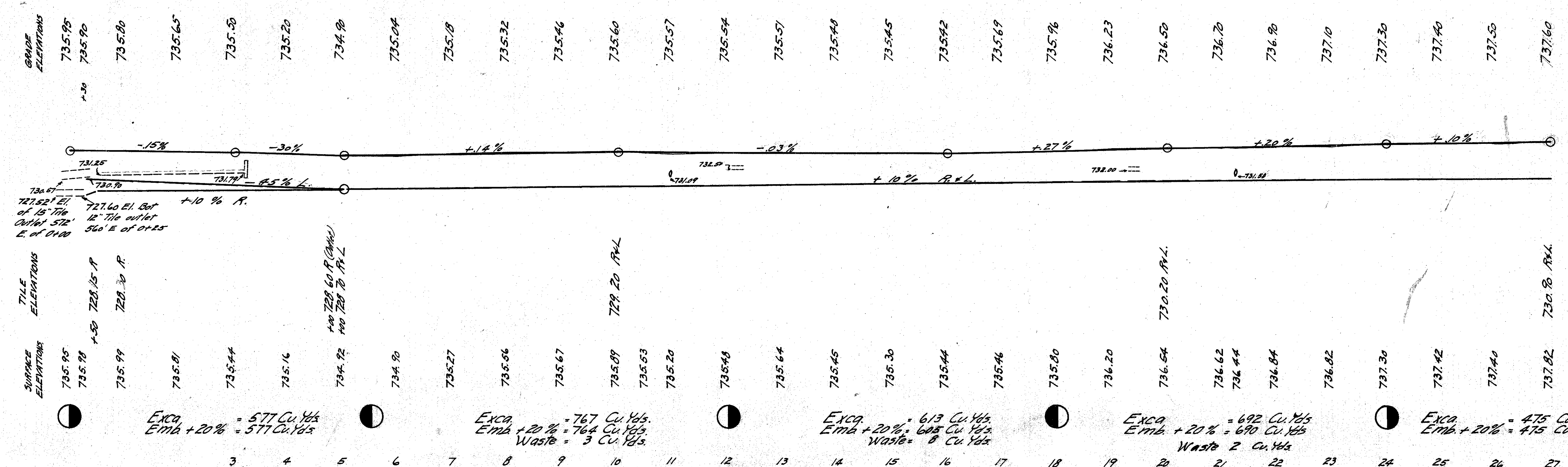
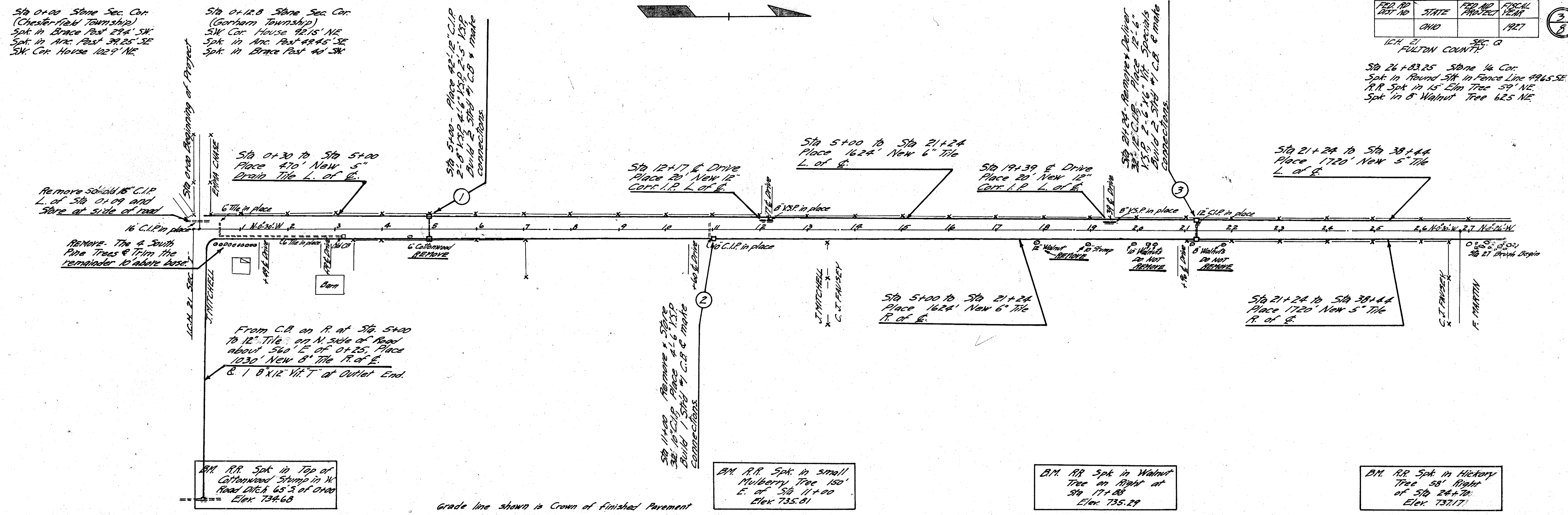
STANDARD CONST. DRAWING No 100 OR No 98



DETAIL OF CONSTRUCTION JOINT TO BE USED AT END OF WORKING PERIOD.

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16.11 SEC. 3
FULTON COUNTY



Exca = 577 Cu Yds
Emb + 20% = 577 Cu Yds

Exca = 767 Cu Yds
Emb + 20% = 764 Cu Yds
Waste = 3 Cu Yds

Exca = 613 Cu Yds
Emb + 20% = 605 Cu Yds
Waste = 8 Cu Yds

Exca = 692 Cu Yds
Emb + 20% = 690 Cu Yds
Waste = 2 Cu Yds

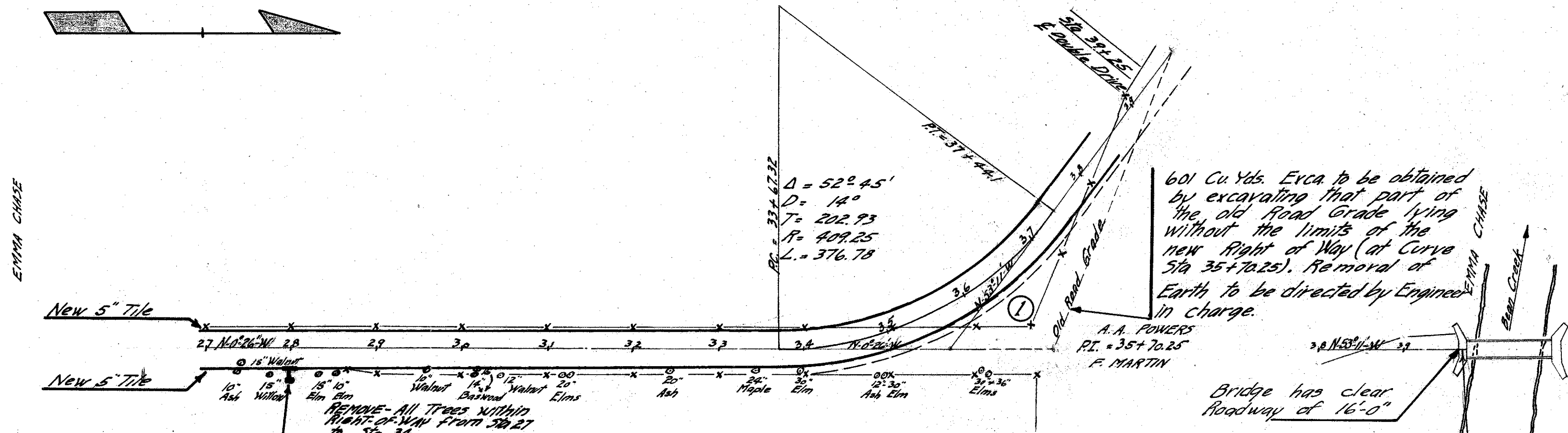
Exca = 475 Cu Yds
Emb + 20% = 475 Cu Yds

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1.
8

Sta 35+70.25 P.I. (Iron Pin on Sec. Line)
Spk. + Blaze S side Beach Tree 53'4" SE
Spk. + Blaze N. side Elm Tree 45'35" NE

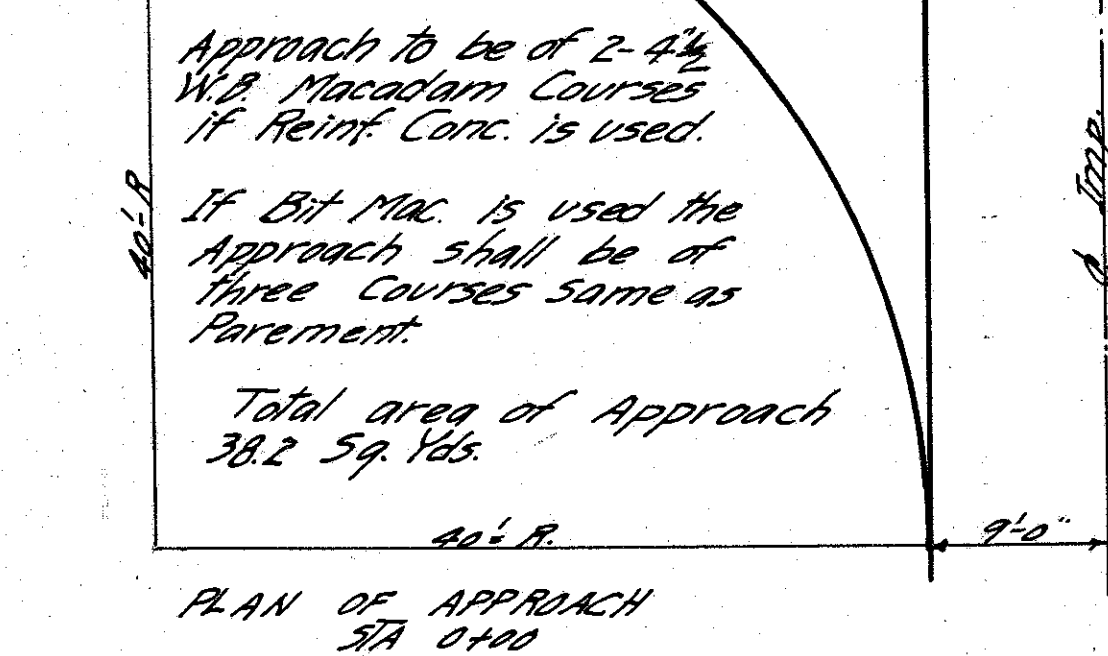


Left				Right			
Edge of Pav.	Width	Station	Grade El.	Width	Edge of Pav.	Grade El.	Edge of Pav.
736.91	9'	32+67.32	737.13	9'	736.92		
737.01	9'7"	33+17.32	737.16	9'	737.06		
737.03	11'9"	33+67.32	737.18	9'	737.98		
737.06	13'25"	34+17.32	737.21	9'	738.71		
737.08	13'25"	34+50	737.23	9'	738.73		
737.10	13'25"	35+00	737.25	9'	738.75		
737.13	13'25"	35+50	737.28	9'	738.78		
737.15	13'25"	36+00	737.30	9'	738.81		
737.17	13'25"	36+50	737.32	9'	738.82		
737.20	13'25"	36+94.1	737.35	9'	738.85		
737.22	11'9"	37+44.1	737.37	9'	738.13		
737.22	11'58"	37+50	737.37	9'	738.07		
737.31	10'39"	37+75	737.44	9'	738.07		
737.44	9'7"	37+94.1	737.63	9'	738.03		
737.54	9'6.3"	38+00	737.71	9'	738.04		
737.96	9'	38+25	738.11	9'	738.12		
738.36	9'	38+44.1	738.51	9'	738.36		

190.3 Sp Yds Extra Pavement

601 Cu Yds. Exca to be obtained by excavating that part of the old Road Grade lying without the limits of the new Right of Way (at Curve Sta 35+70.25). Removal of Earth to be directed by Engineer in Charge.

Bridge has Clear Roadway of 16'-0"



B.M. - Large Spk in Elm Tree 100' East of Sta. 36+00 Elev 737.40

B.M. Top Conc Wall to N. of NE. Corner Plate of Bridge 12'-R of 39+75.25 Elev 741.26

