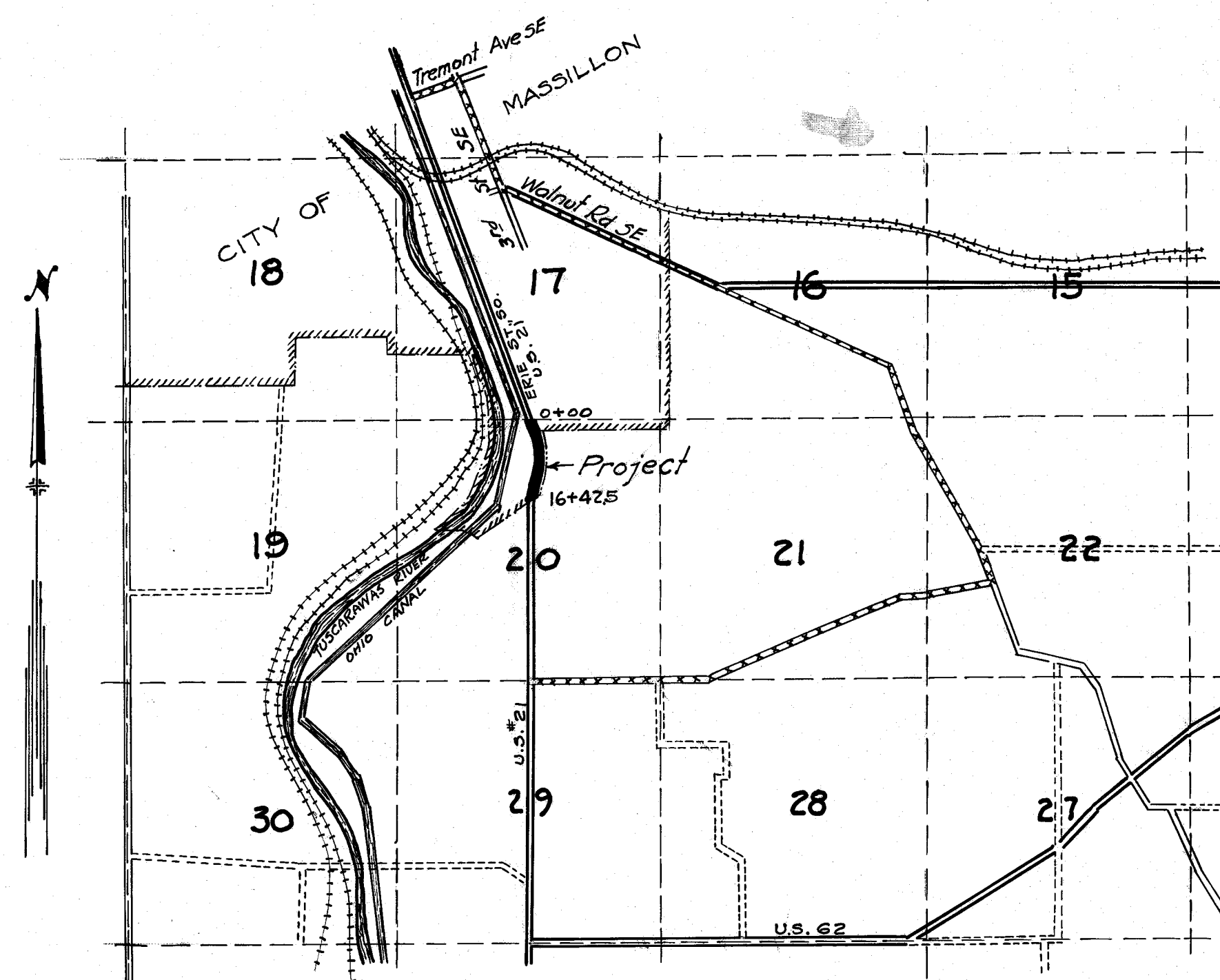


ERIE ST., SO., PAVING MASSILLON, OHIO.

REPAVING U.S. ROUTE 21 IN SOUTH END OF MASSILLON



LOCATION PLAN
SCALE - 1/4" = 1/2 MILE

Portion to be improved
Hard surface roads
Gravel roads (good condition)
Secondary roads (dirt)
Detours

Length of project 1642.5 Feet
Length of project 0.3111 Mile

I hereby approve these plans and declare that the making of the improvement will require the closing to traffic of the highway and that the detour will be provided as indicated on this plan. This detour is on paved and good gravel roads and no special precautions needed, except marking of the detour.

Date: Aug 2 - 33

C. B. Rice
City Engineer

Approved _____

Date: _____

Chief Eng. Bureau of Construction.

Approved _____

Date: _____

First Asst. Director & Chief Eng.

Approved _____

Date: _____

Director of Highways.

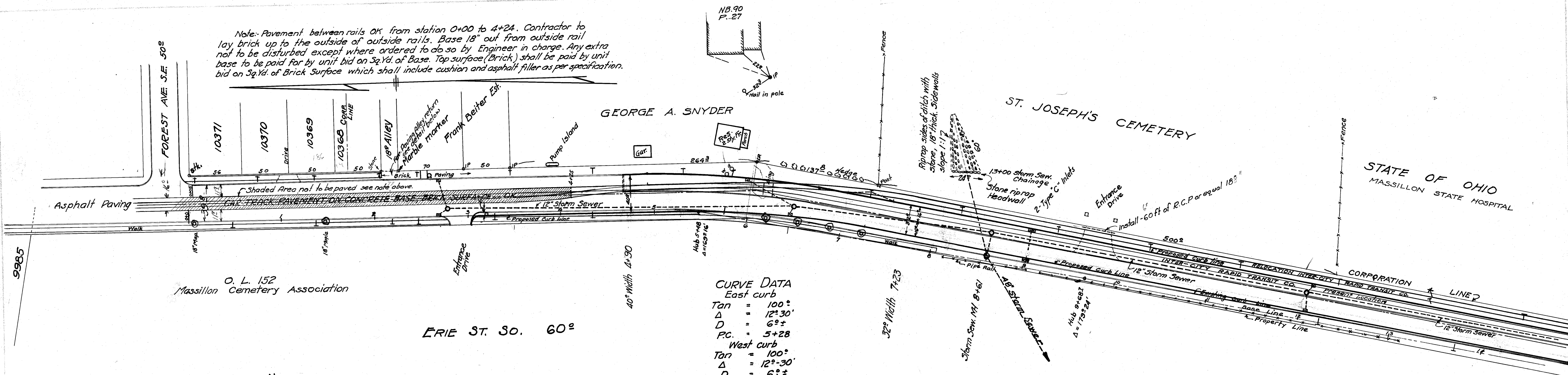
1
7

CITY OF MASSILLON, OHIO
ERIE ST., SO., PAVING
ON U.S. ROUTE 21
FROM FOREST AVE., SE., TO SOUTH CORR LINE.

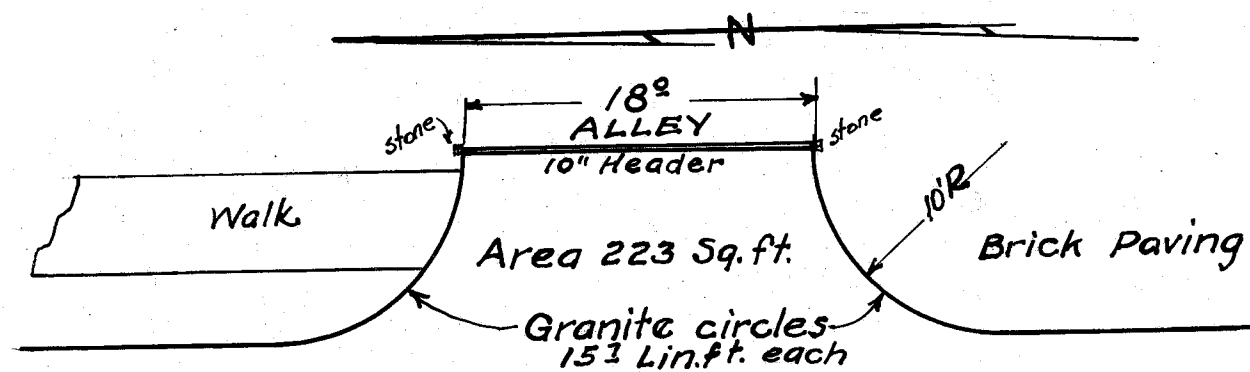
APPROVED <i>C. B. Rice</i> CITY ENGINEER	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION
Dr by G.C. Wallace August 1st 1933	Scale as noted NB 114 P 26

FILE No. P151 Acc No. 1243

Note: Pavement between rails OK from station 0+00 to 4+24. Contractor to lay brick up to the outside of outside rails. Base 18" out from outside rail not to be disturbed except where ordered to do so by Engineer in charge. Any extra base to be paid for by unit bid on Sq.Yd. of Base. Top surface (Brick) shall be paid by unit bid on Sq.Yd. of Brick Surface which shall include cushion and asphalt filler as per specification.



CURVE DATA
 East curb
 Tan = 100°
 Δ = 12°30'
 D = 6°±
 P.C. = 5+28
 West curb
 Tan = 100°
 Δ = 12°30'
 D = 6°±
 P.C. = 4+90



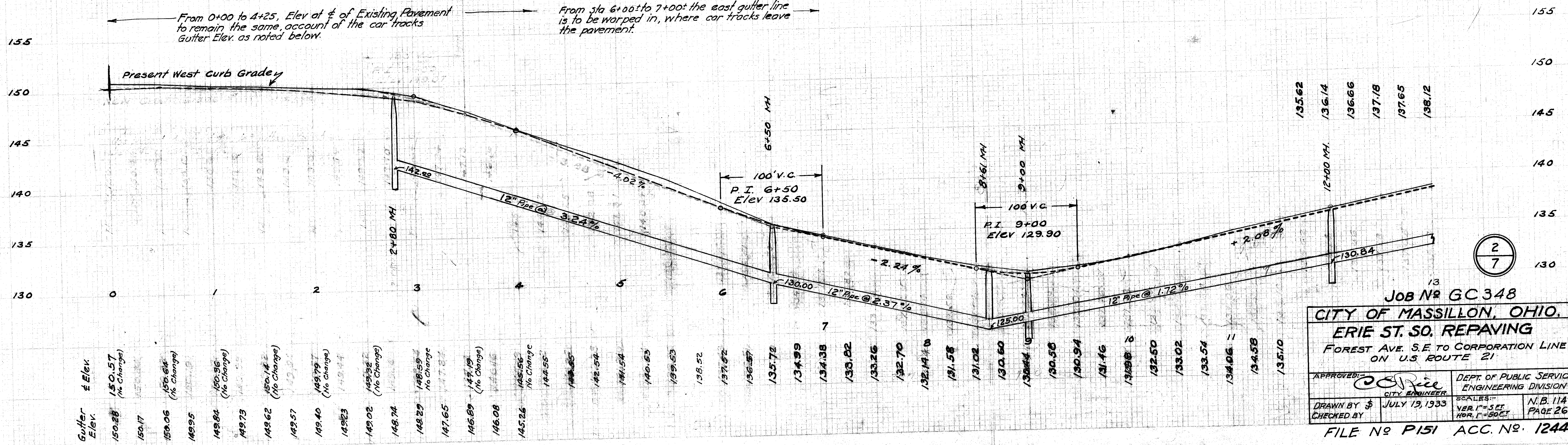
From Sta 4+25 to point where tracks leave pavement Traction Co. to put in slag base to end of ties, contractor to place slag cushion, 3/4" Brick surface and Asphalt Filler at unit bid price of 3/4" Brick surface.

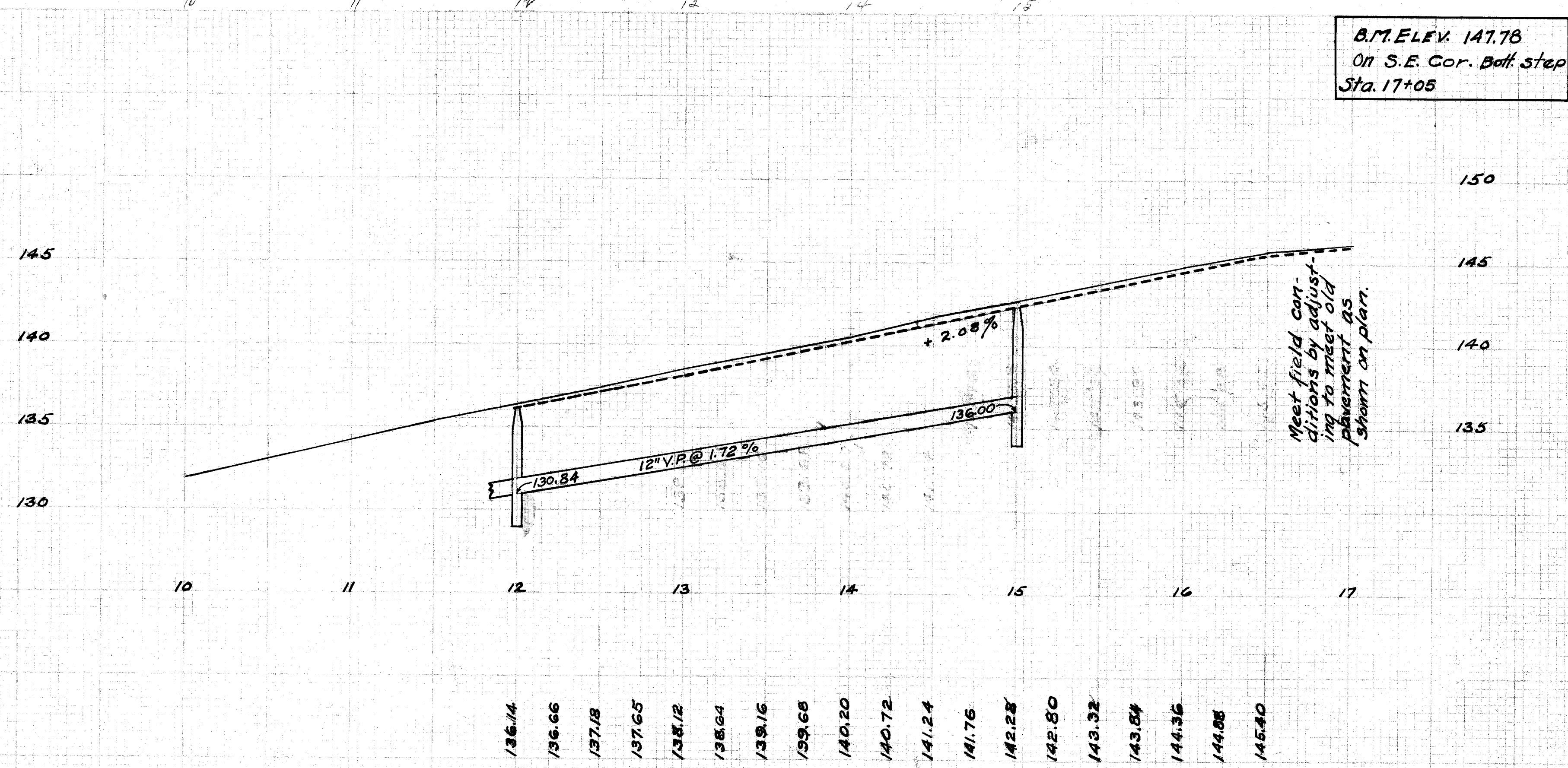
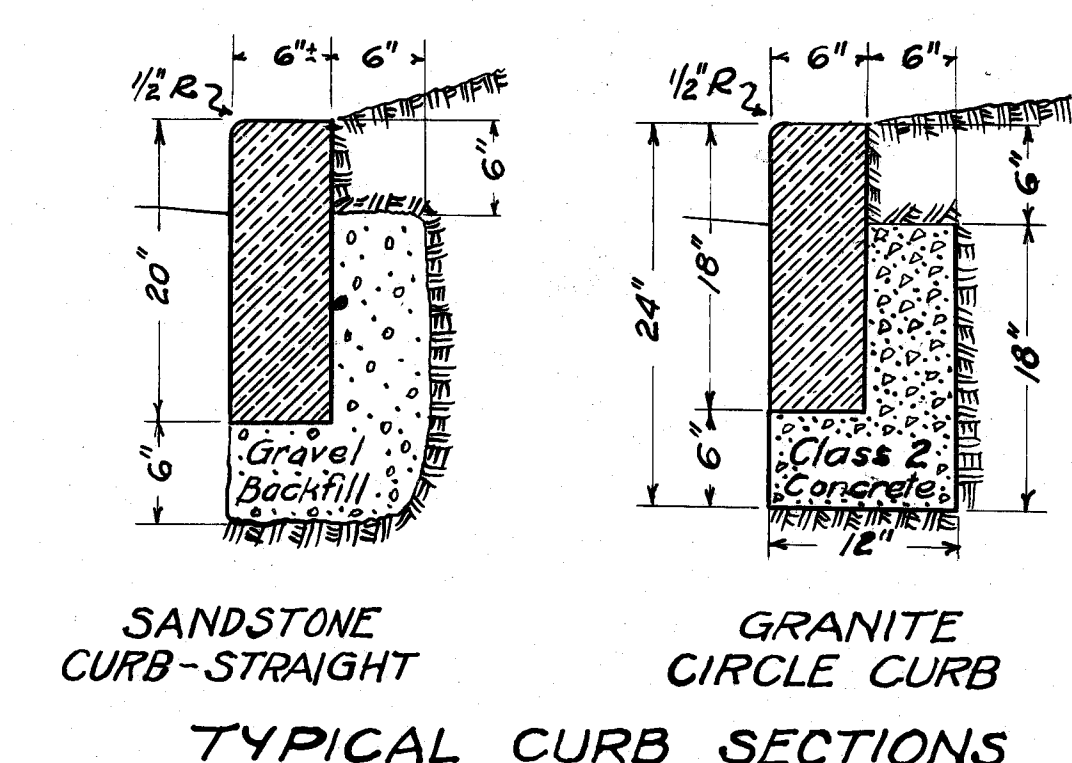
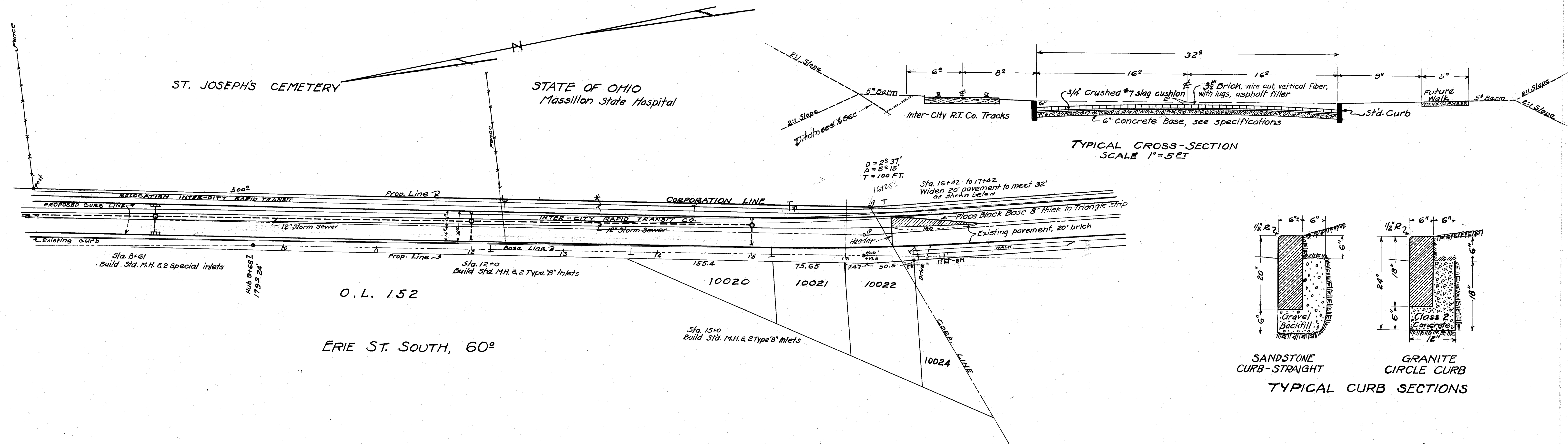
Note to Contractor:

Service on Car Line has to be maintained at all times. Contractors first job is to cut embankment on east side of present car tracks to grade, using excavated material for fill on east side of present car tracks between stations 6+00± to 9+50±. Where curbing is set in new location use the old curb that is taken out from old curb line, the Engineer in Charge will mark any curbing that is to be scrapped. Storm Sewer from 6+50 Southerly to be put in after the Traction Co. have moved their tracks to new location, but prior to working on the pavement excavation or pavement west of present car tracks. 48" Sewer can be put in when job is started.

B.M. ELEV. 125.30
 on S.W. Cor. of So. Wing Wall
 Heiman Vault in
 St. Josephs Cemetery

EQUATION
 Elev. o.o City Datum
 Equals 849.04, U.S.G.S. Datum





SUMMARY OF QUANTITIES

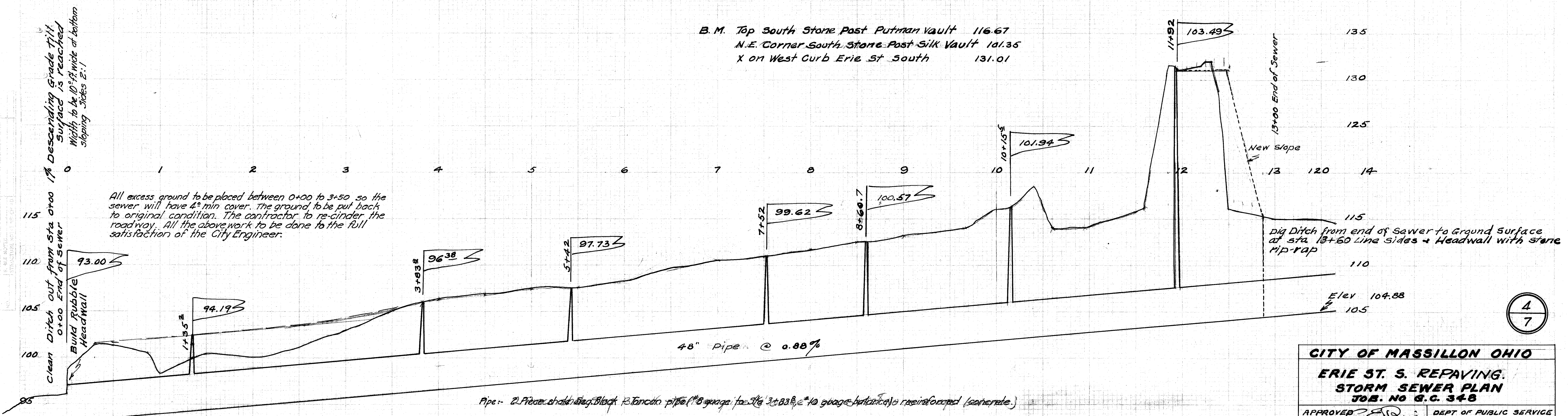
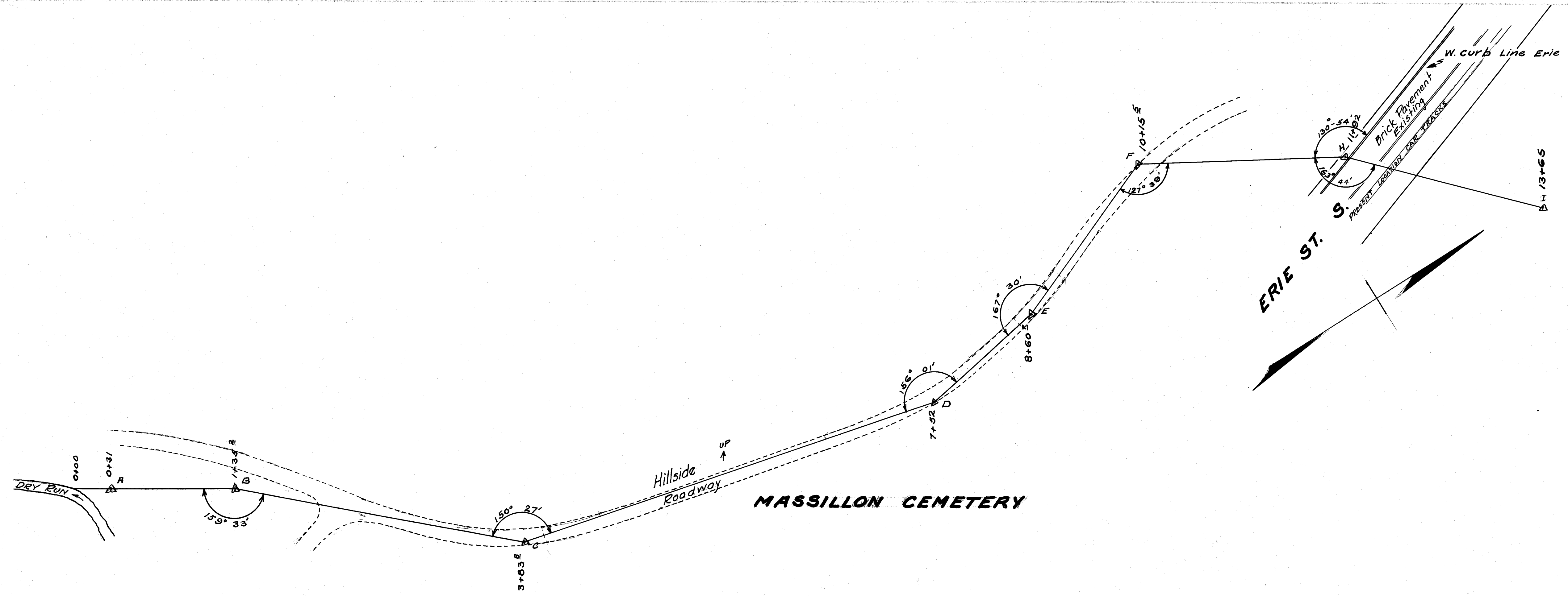
Excavation	4803 Cu.Yd.
Concrete Base	5644 Sq.Yd.
Brick Paving, 3 1/2" Wire cut	5924 Sq.Yd.
48" Segment Blk. sewer	1300 Lin.ft.
12" Storm Sewer	1220 Lin.ft.
12" C.B. Conn.	200 Lin.ft.
Stone Curb (5" x 18") New.	1500 Lin.ft.
Granite circle curb	82 Lin.ft.
4" Conc. sidewalk	200 Sq.ft.
6" Conc. sidewalk	200 Sq.ft.
Plan "B" Inlets	6 No.
Plan "C" Inlets	2 No.
Manholes, Storm Sewer,	116 Ver.ft.
Plan "B" inlet castings	10 No.
Std. Manhole Castings & lids	14 No.
Stone Curb reset	642 Lin.ft.
Stone Curb reset and redressed	800 Lin.ft.
Stone Curb redressed in place	300 Lin.ft.
Plan "C" Inlet castings	2 No.
Headwall, rubble,	1 No.
Brick relay, sand and, asphalt filler.	10 Sq.Yd.
Rip rap walls and ditching at storm sewer inlet	1 No.
Concrete Header 2 1/4" x 10"	30 lin.ft.

Note: Contractor to furnish The City of Massillon Std. Castings.

18" Pipe under Cemetery Drive 60 lin.ft.

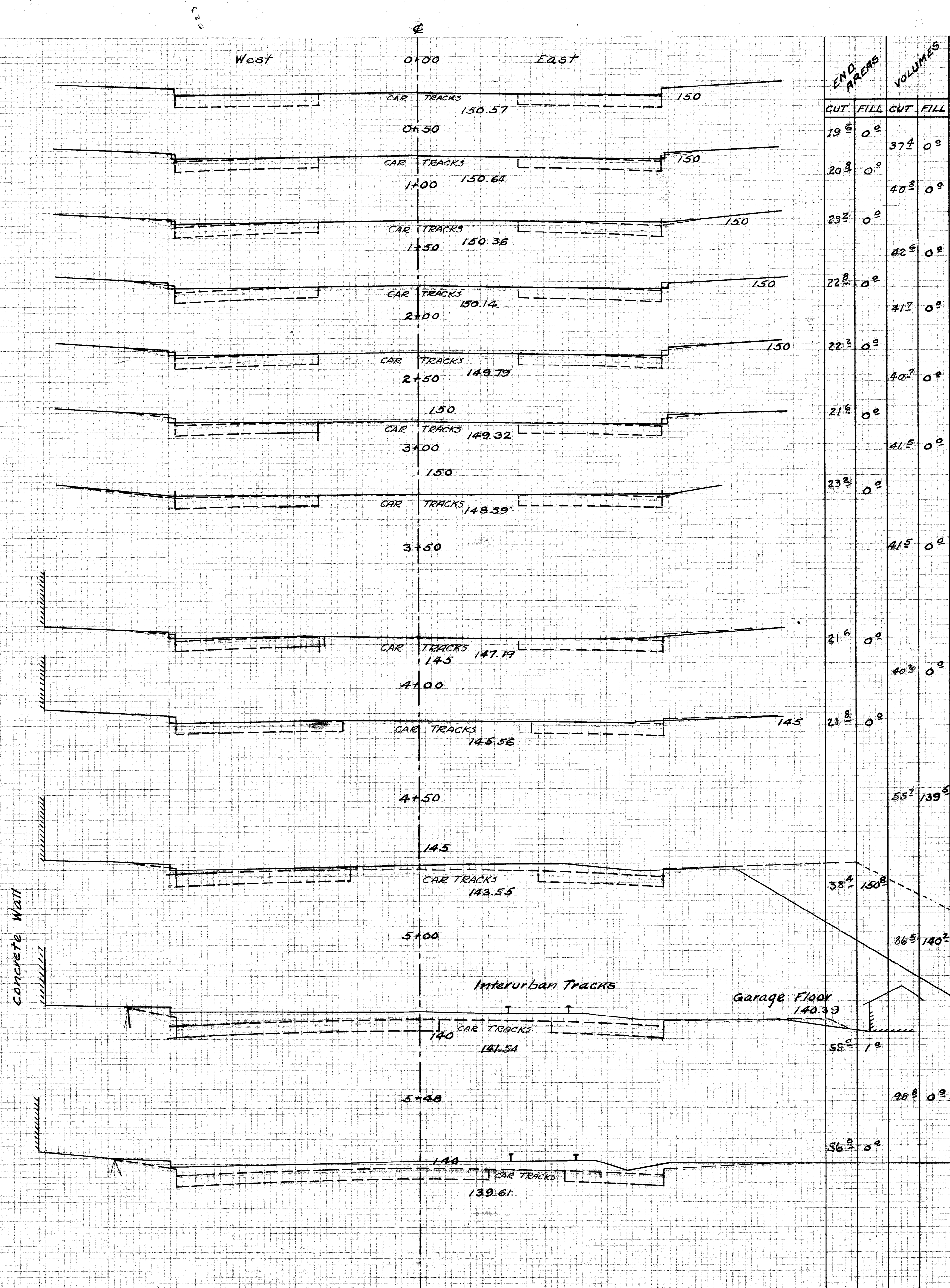
Note: Contractor to furnish The City of Massillon Std. Castings.
18" Pipe under Cemetery Drive 60 l

PLAN
 DATE
 DRAWN BY
 CHECKED BY
 APPROVED BY

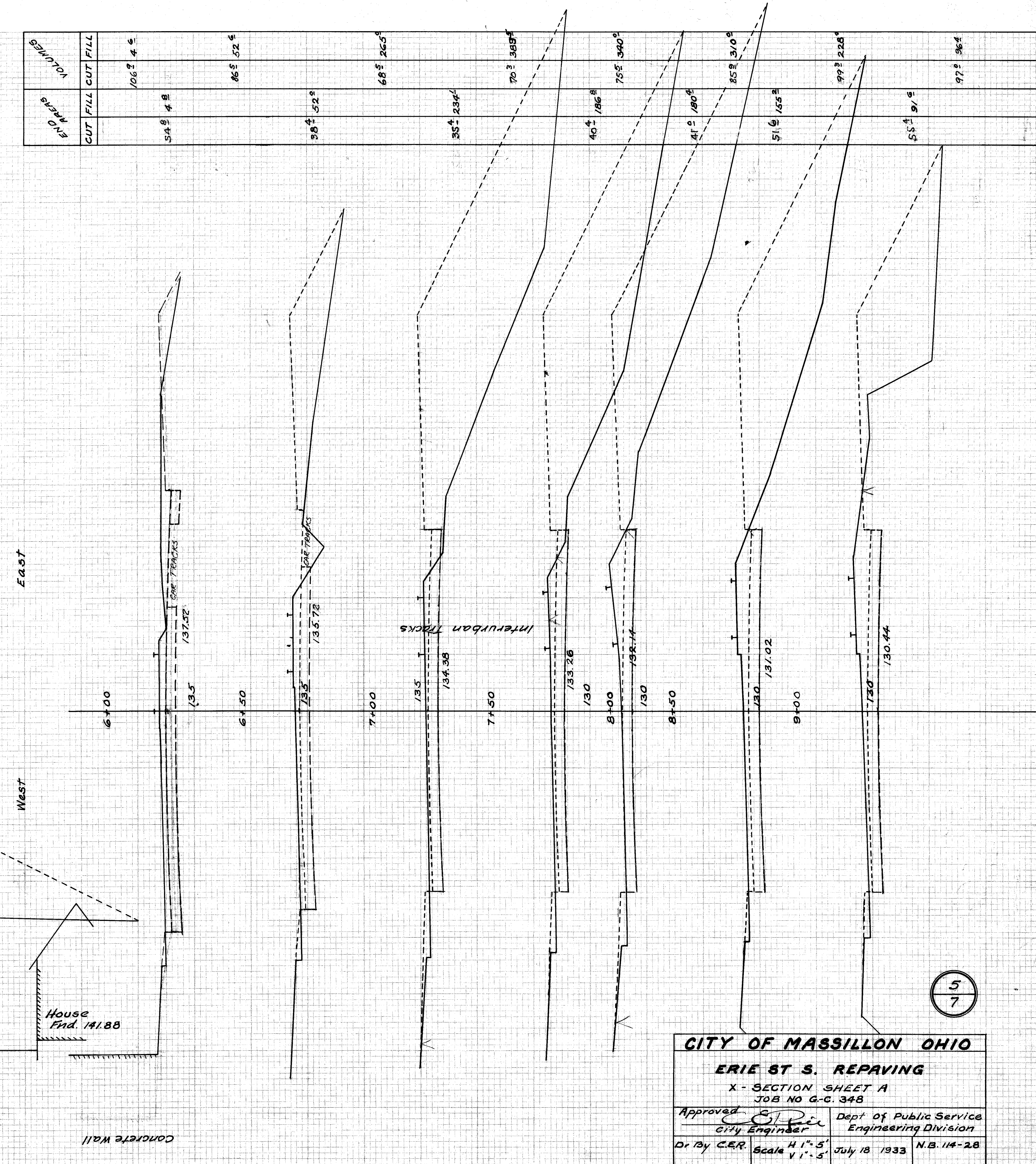


B.M. Top South Stone Post Putman Vault 116.67
 N.E. Corner South Stone Post Silk Vault 101.35
 X on West Curb Erie St South 131.01

CITY OF MASSILLON OHIO			
ERIE ST. S. REPAVING.			
STORM SEWER PLAN			
JOB. NO. G.C. 348			
APPROVED	CITY ENGINEER	DEPT. OF PUBLIC SERVICE	ENGINEERING DIVISION
DR. BY	SCALE	DATE	N.B.
GER	H 1" = 50'	JULY 26-33	PG. 33
FILE No. P.151 Acc No. 1246			



END AREAS		VOLUMES	
CUT	FILL	CUT	FILL
19.8	0.0	37.4	0.0
20.2	0.0	40.8	0.0
23.2	0.0	42.6	0.0
22.8	0.0	41.2	0.0
22.3	0.0	40.2	0.0
21.6	0.0	41.5	0.0
23.2	0.0	41.5	0.0
21.6	0.0	40.2	0.0
21.8	0.0	40.2	0.0
55.2	139.6		
38.4	150.0		
86.5	140.2		
55.2	1.0		
98.8	0.0		
56.0	0.0		



END AREAS		VOLUMES	
CUT	FILL	CUT	FILL
106.2	4.6		
54.8	4.8		
86.5	52.6		
98.4	52.2		
35.4	23.4		
70.2	38.5		
40.4	18.6		
41.0	18.6		
51.6	15.5		
54.4	9.5		
97.0	9.6		

CITY OF MASSILLON OHIO

ERIE ST S. REPAVING

X - SECTION SHEET A

JOB NO G-C. 348

Approved *C. P. C.* City Engineer

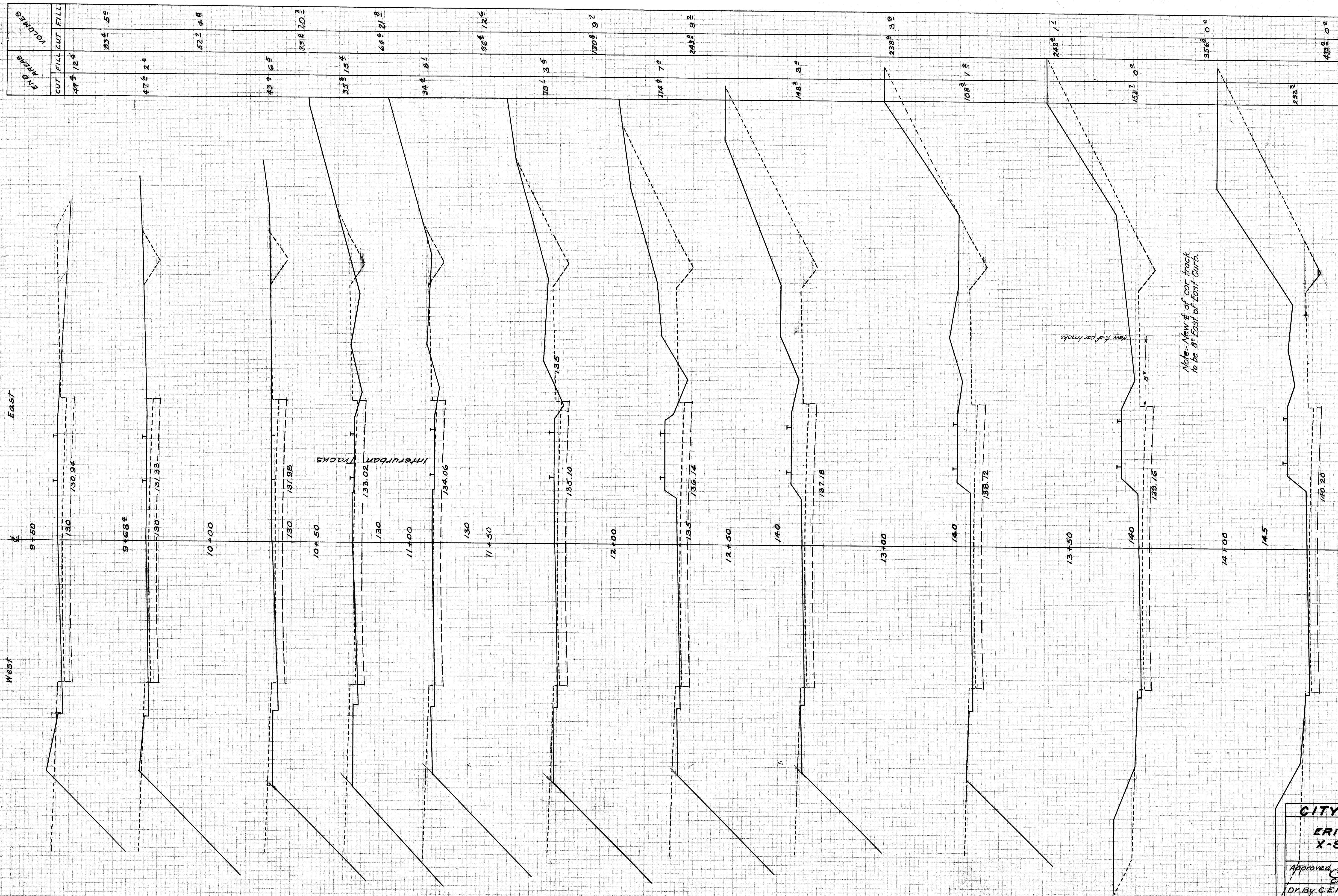
Dr. By C.E.R. Scale 1" = 5'

July 18 1933

Dept. of Public Service Engineering Division

N.B. 114-28

FILE No. P151 Acc No 1247



Note: New ϕ of car track to be 8° East of East Curb.

New E of car tracks

CITY OF MASSILLON OHIO

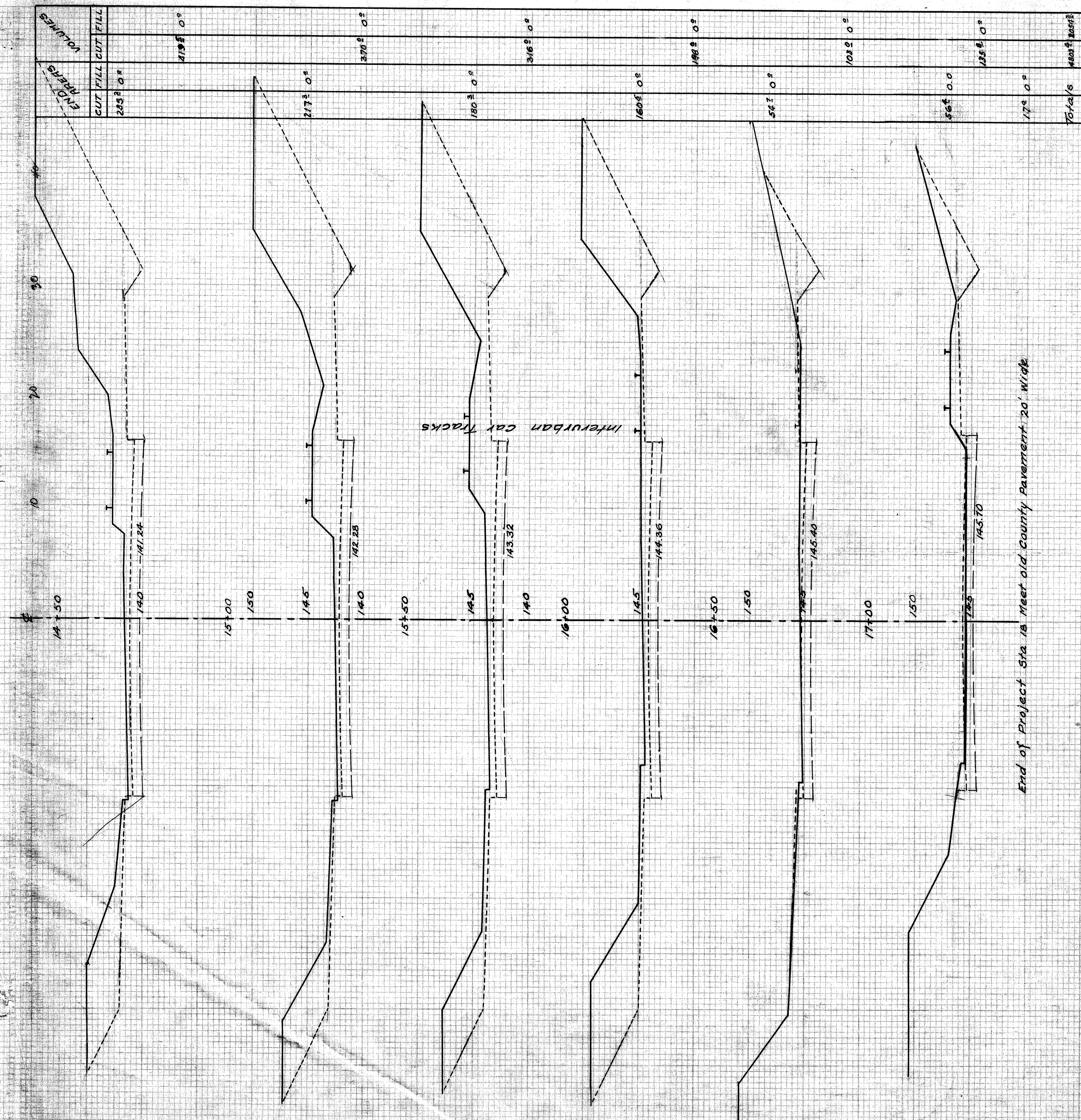
ERIE ST S. REPAVING

X-SECTIONS SHEET B

JOB NO G.C. 348

Approved <i>C. E. Rie</i> City Engineer	Dept of Public Service Engineering Division
DR. BY G.E.R.	Scale V 1" = 5' H 1" = 5'
July 18-1933	N.B. 114 Page 30

FILE No R151 Acc No 1248



End of Project Sta 18 meet old County Pavement 20' wide

CITY OF MASSILLON OHIO			
ERIE ST S. WIDENING U.S. 21			
X-SECTION SHEET C.			
JOB. NO. G.C. 348			
APPROVED	<i>[Signature]</i>	DEPT. OF PUBLIC SERVICE	
CITY ENGINEER		ENGINEERING DIVISION	
DR. BY.	SCALE V 1"=4'	JULY 26-33	N.B. 114
CER	SCALE H 1"=5'	PG. 32	
FILE No P.151 ACC No. 1249			