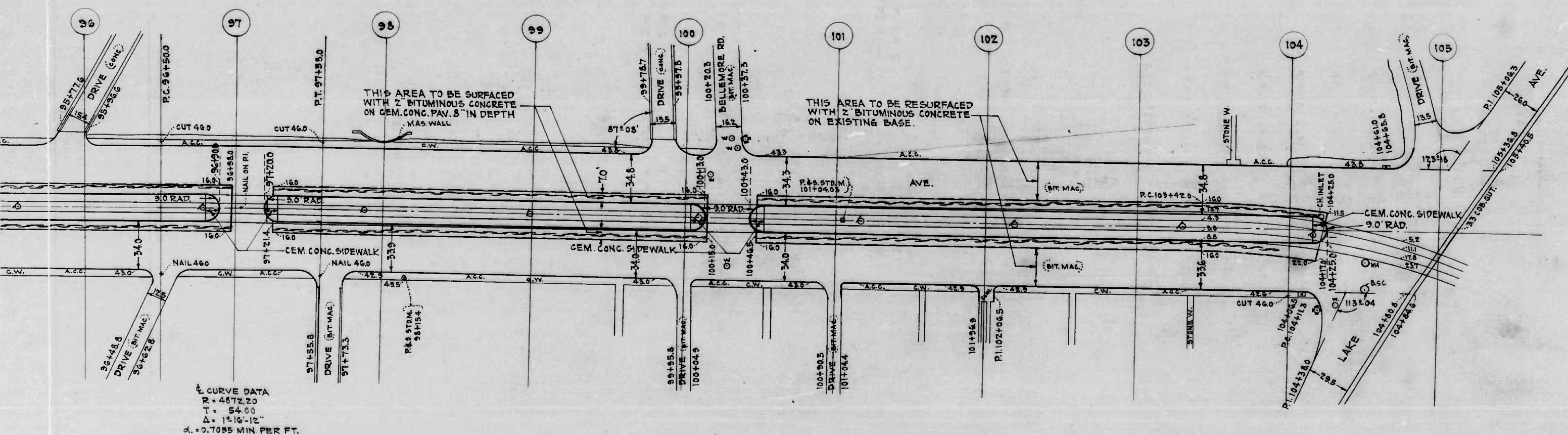
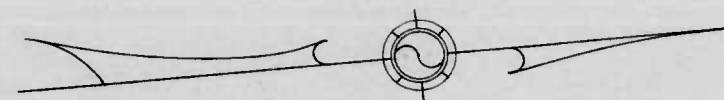


1008  
1009  
944

RATIO - 24

2



NOTE:  
SOIL STABILIZATION MATERIALS  
AND/OR UNDERDRAINS ARE NOT  
REQUIRED.

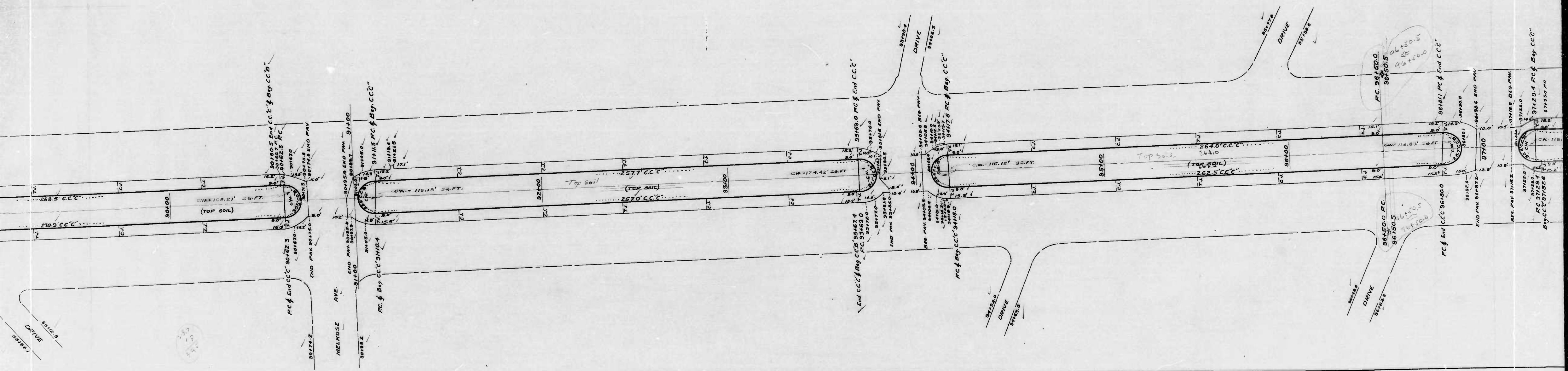
CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS  
PLAN OF  
ROLAND AVE. - 1040' N. OF DEEPDENE RD. TO LAKE AVE.  
SCALE - 1" = 40'

APPROVED: *Henry Weisberg* ASSOCIATE ENGINEER  
APPROVED: *James H. McKeown* HIGHWAYS ENGINEER  
APPROVED: *Edward M. McKeown* ENGINEER OF SURVEYS  
APPROVED: *P. L. Horan* DIRECTOR OF PUBLIC WORKS

4

Curve Data  
R = 4572.20  
T = 54.00  
Δ = 151° 12' 12"  
d = 0.7095 MIN. PER FT.



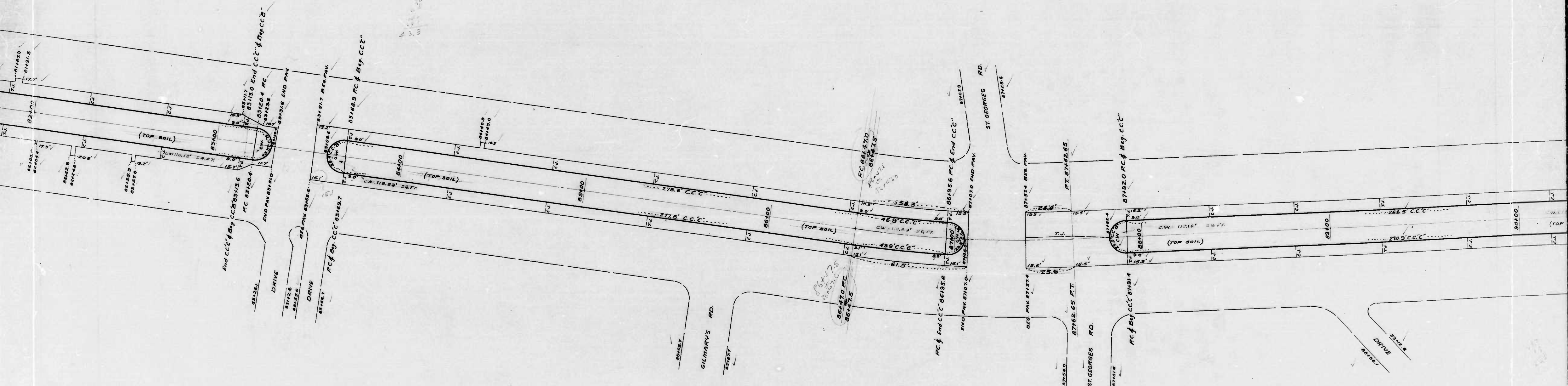




1008, 1009, 944

RATIO - 24

7

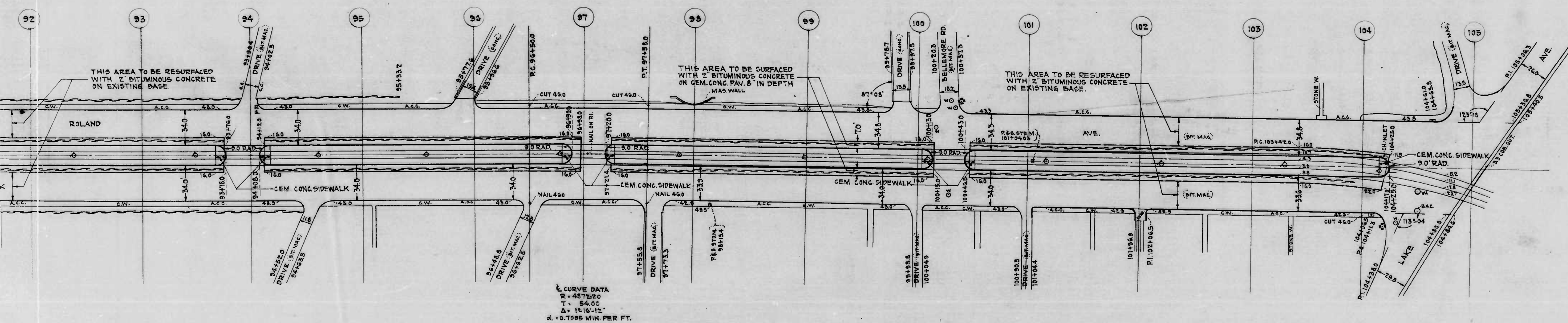
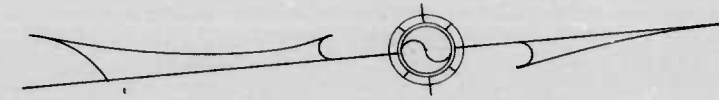




1008  
1009  
944

RATIO - 24

2

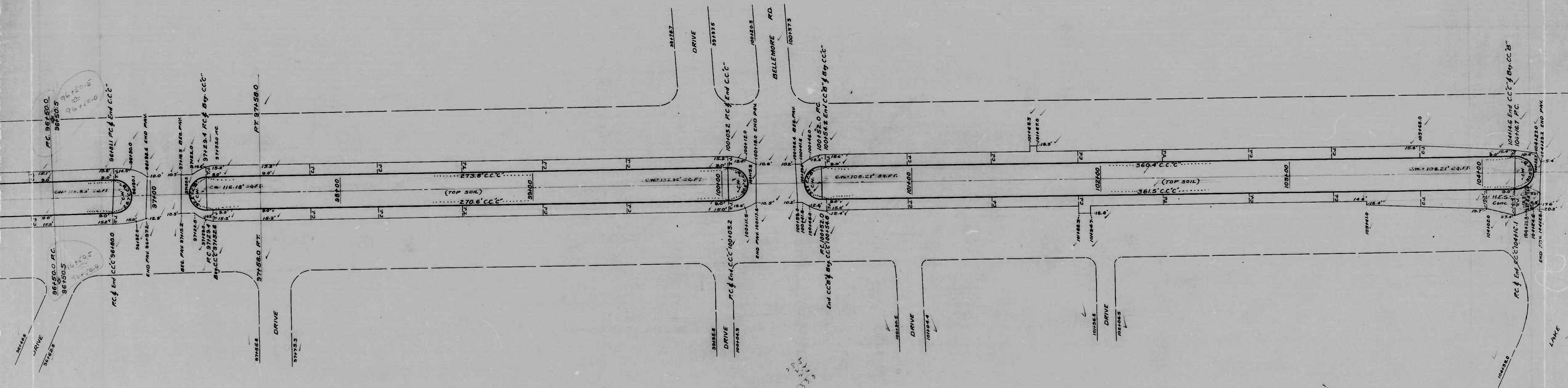




1008, 1009, 944

RATIO - 24

7

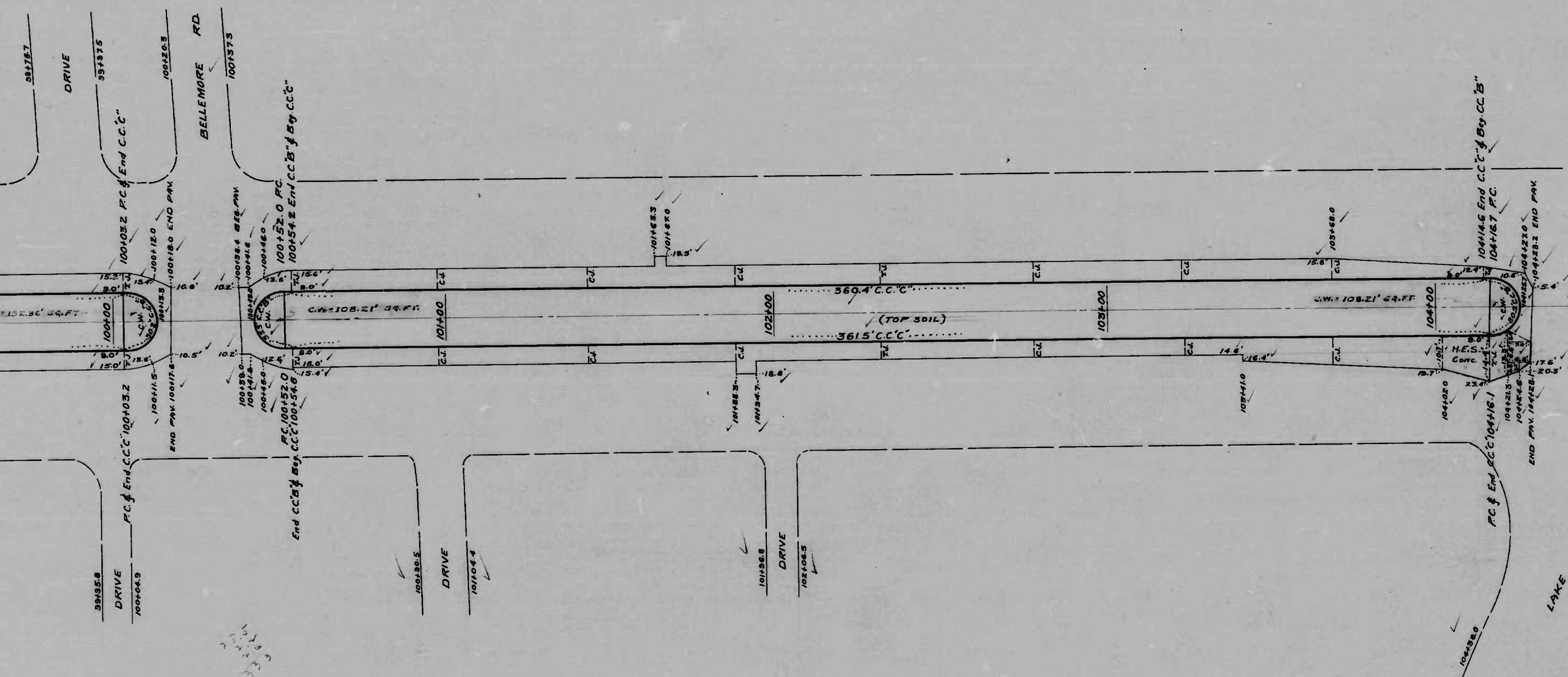
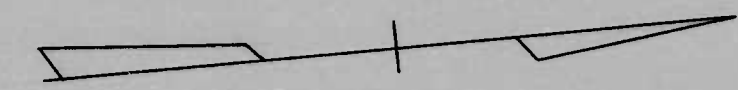




1008, 1009, 944

RATIO - 24

7



CITY OF BALTIMORE  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF HIGHWAYS  
 CONT. N° 944  
 ROLAND AVE. - 1015' N. DEEPDENE RD. - LAKE AVE.  
 SHEET ASPHALT PAVING ONE (1) INCH WEARING SURFACE  
 & ONE (1) INCH BINDER ON EIGHT (8) INCH CEMENT  
 CONCRETE PAVING AND O.K. BASE.  
 MAHONEY BROS. CONTRACTOR  
 STARTED 1-4-49 COMPLETED 6-2-49  
 SCALE - 1" = 200' DATE: JUNE 17, 1949

5

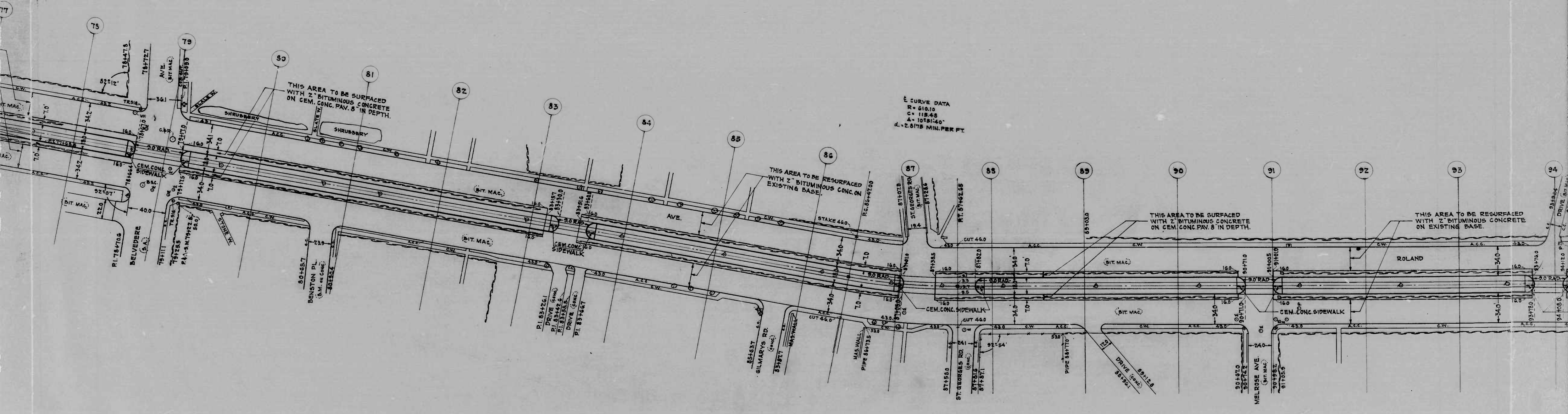
6



1008  
1009  
944

RATIO - 24

2

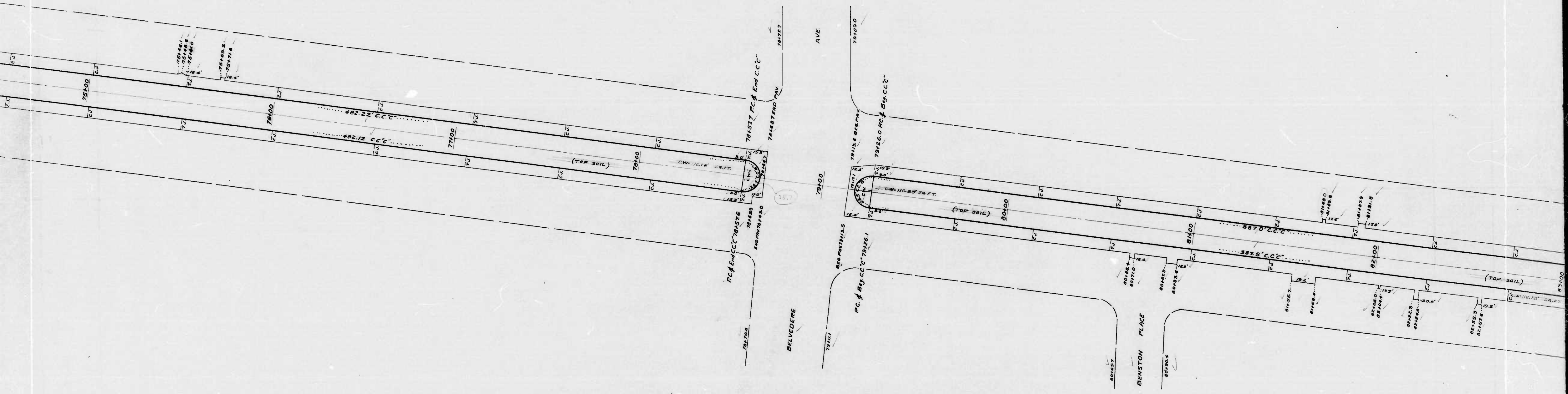




1008, 1009, 944

RATIO - 24

7









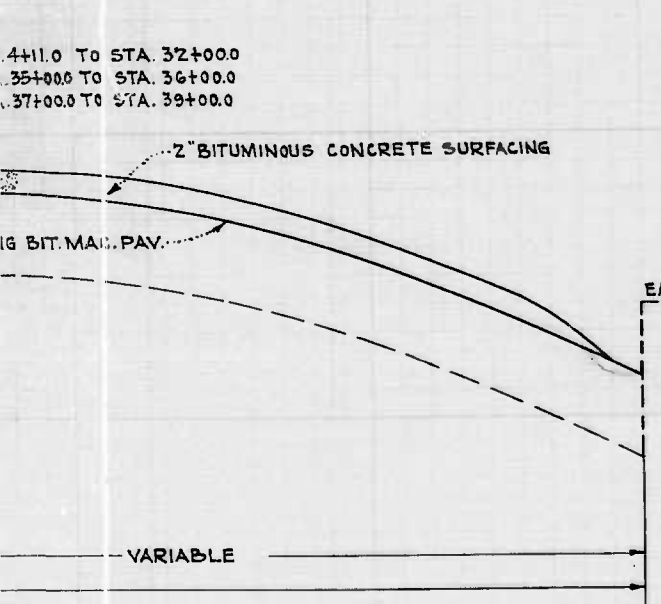
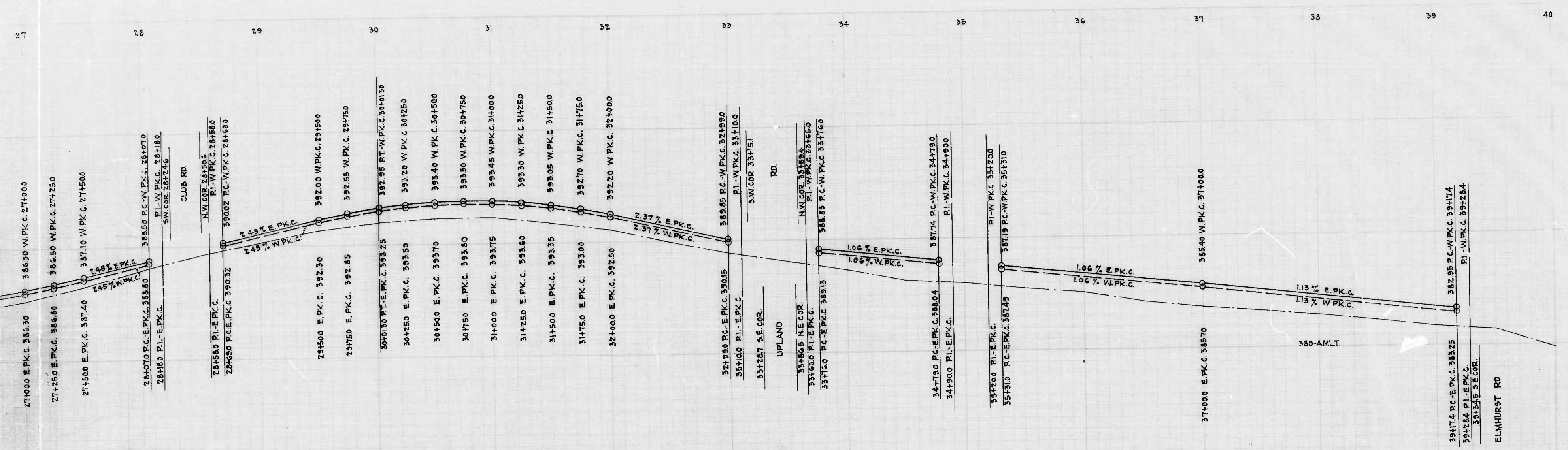




1008  
1009  
944

RATIO - 24

4



CITY OF BALTIMORE  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF HIGHWAYS  
 PROFILE OF  
 ROLAND AVE. - UNIVERSITY PKWY. TO ELMHURST RD.  
 CONT. N<sup>o</sup> 344 1008  
 SCALE - HOR. - 1" = 40' BOOK N<sup>o</sup> 215-A, 640  
 VER. - 1" = 40' NOV. 16, 1948

APPROVED - *Henry Meisinger*  
 ASSOCIATE ENGINEER

APPROVED - *James H. McHugh*  
 HIGHWAYS ENGINEER

APPROVED - *Edward J. Haefliger*  
 ENGINEER OF SURVEYS

APPROVED - *P. L. Howard*  
 DIRECTOR OF PUBLIC WORKS

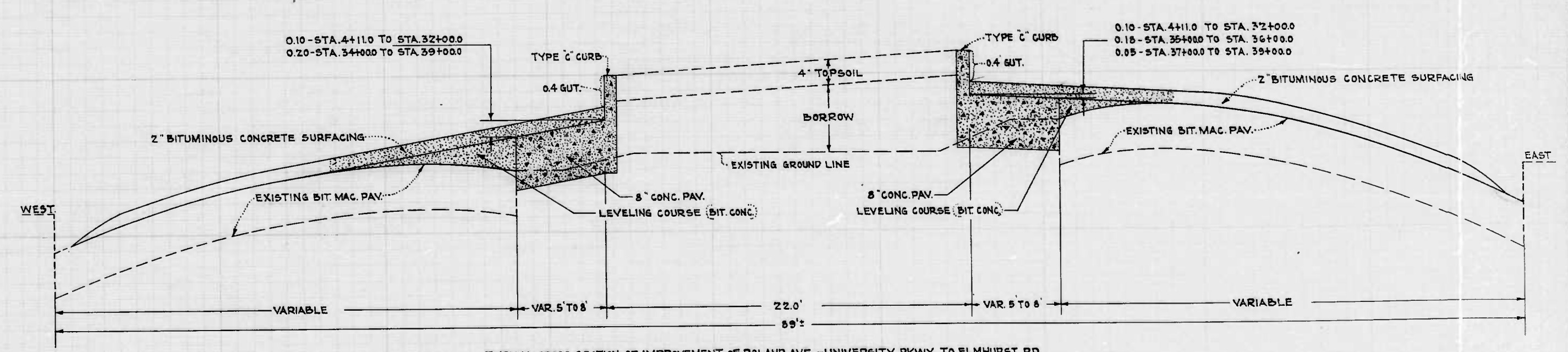
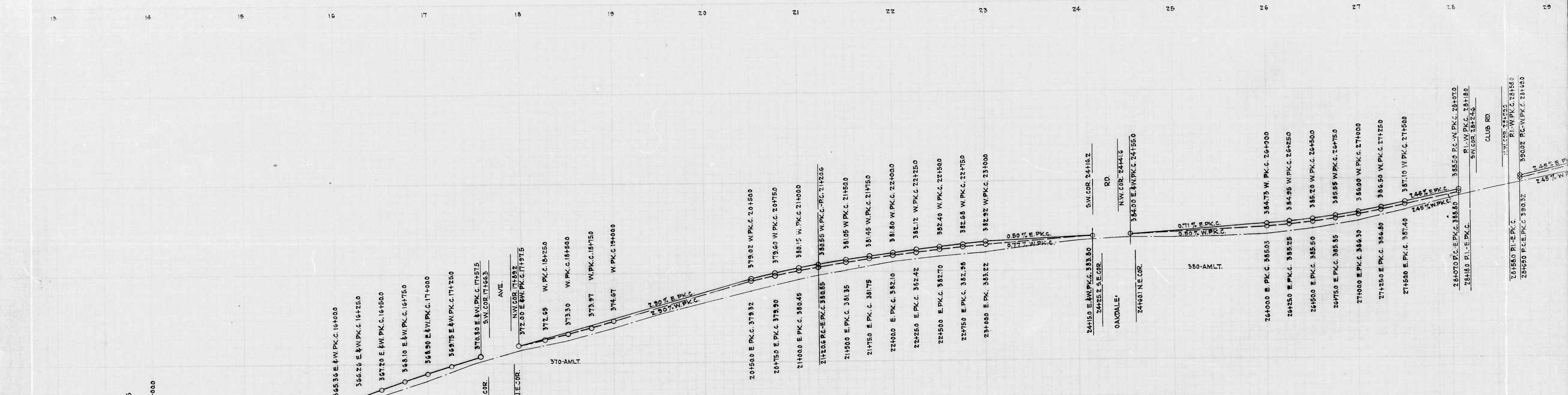
3



1008  
1009  
944

RATIO - 24

4



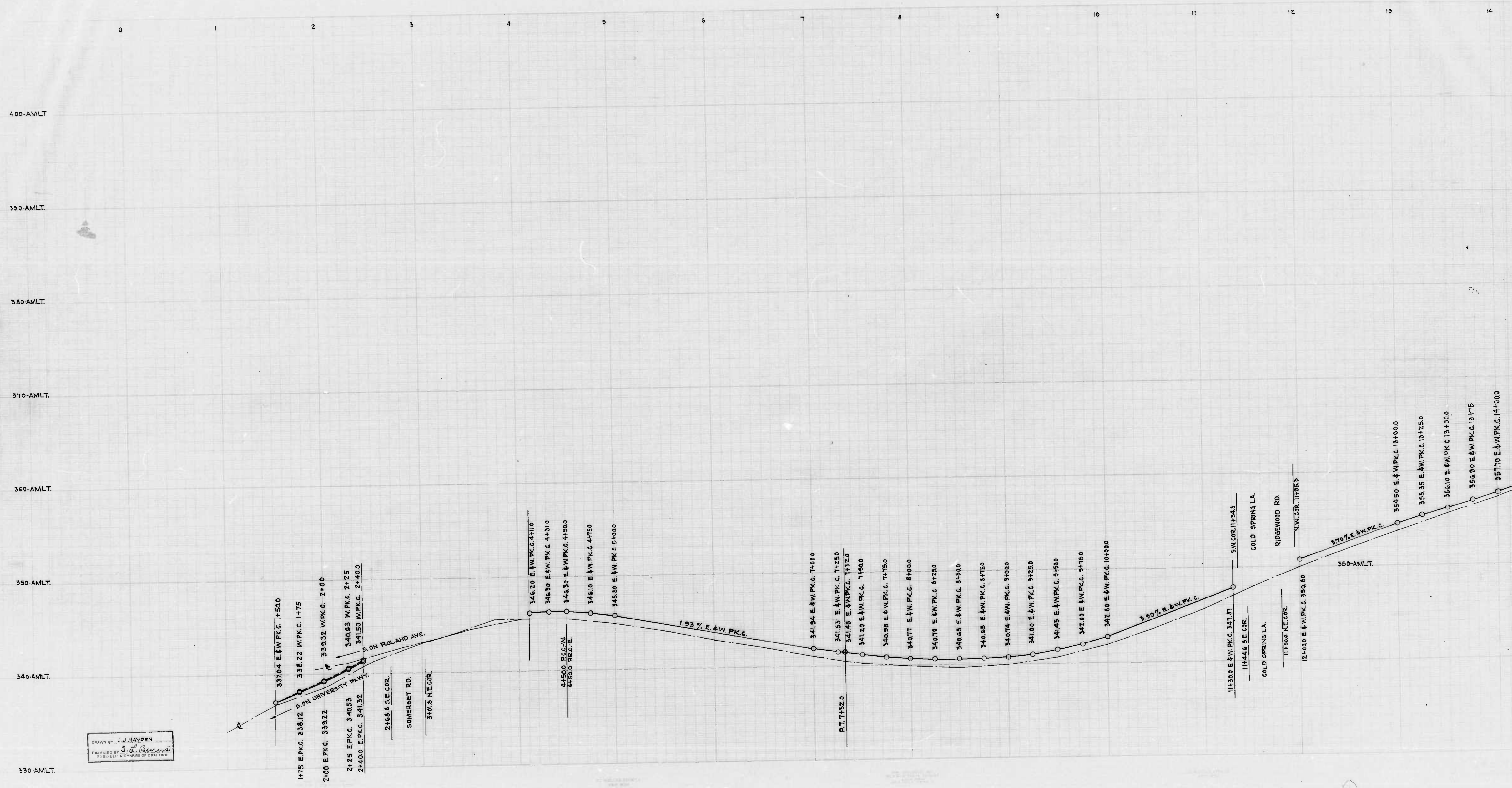
2



1008  
1009  
944

RATIO - 24

4



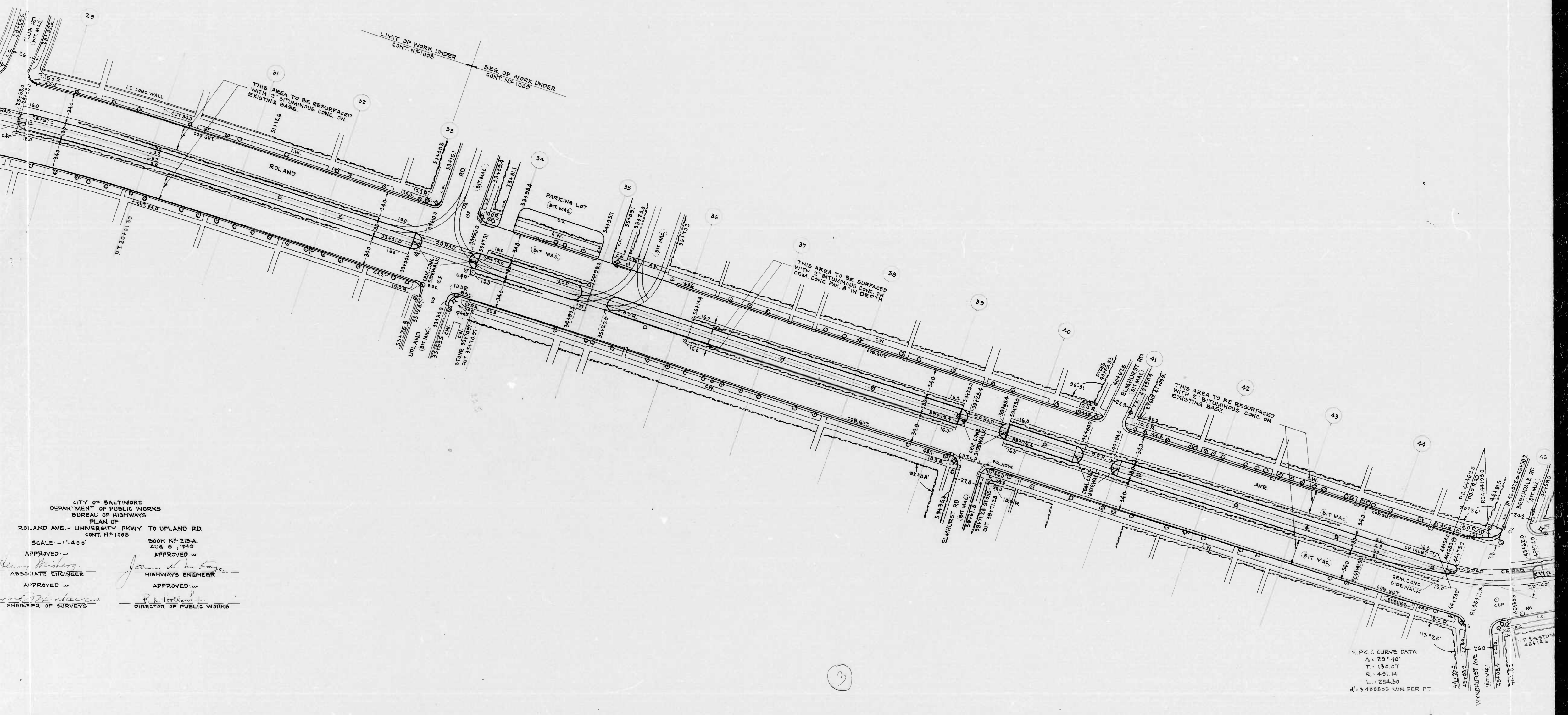
DRAWN BY: J. HAYDEN  
EXAMINED BY: S. G. [Signature]  
PROBES IN CHARGE OF SURVEYING



1008  
1009  
944

RATIO - 24

1



CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS  
PLAN OF  
ROLAND AVE. - UNIVERSITY PKWY. TO UPLAND RD.  
CONT. NO. 1008

SCALE - 1" = 40'  
APPROVED: *Henry Weisberg*  
ASSOCIATE ENGINEER

BOOK NO. 215-A  
AUG. 6, 1949  
APPROVED: *James A. Deane*  
HIGHWAYS ENGINEER

APPROVED: *Robert H. Holliday*  
ENGINEER OF SURVEYS

APPROVED: *R. H. Holliday*  
DIRECTOR OF PUBLIC WORKS

E. PK. C. CURVE DATA  
Δ = 293.40'  
T = 130.07'  
R = 491.14'  
L = 254.30'  
d = 3.499803 MIN. PER FT.

3



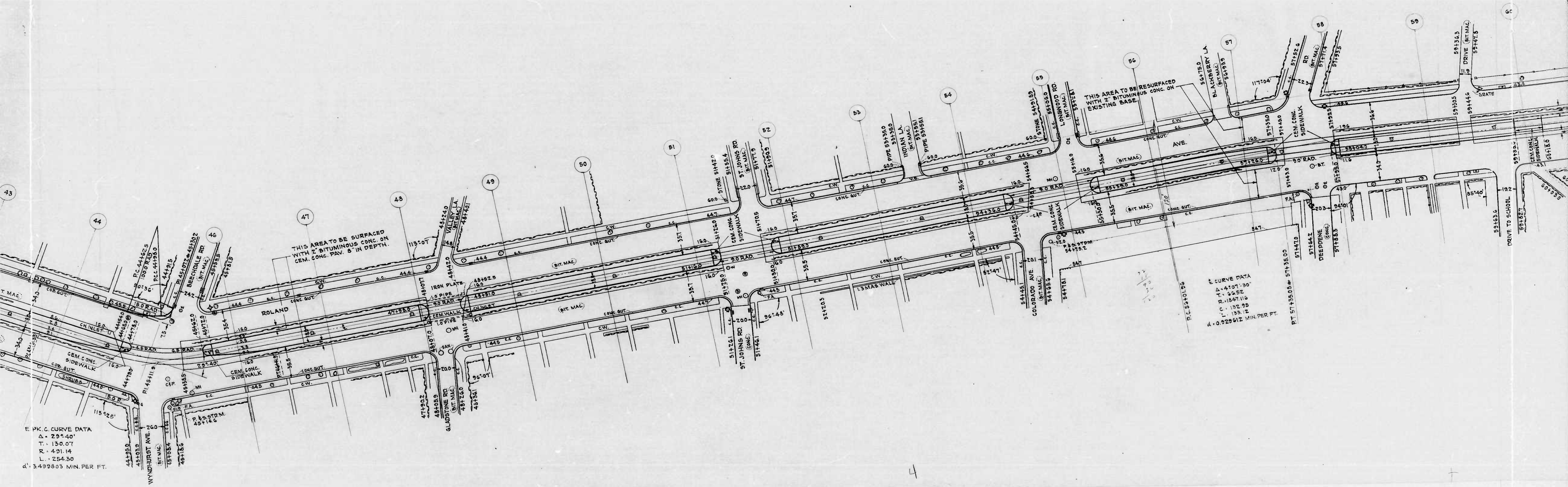




1008  
1009  
944

RATIO - 24

1





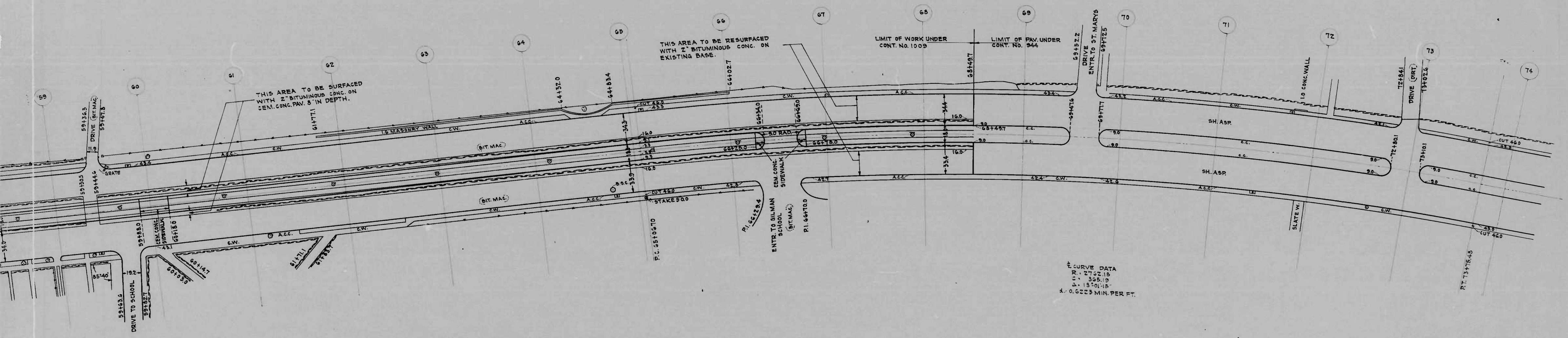
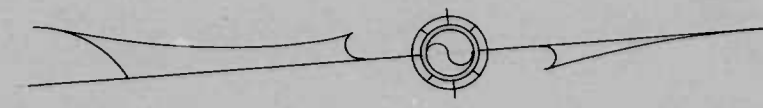




1008  
1009  
944

RATIO - 24

1



CURVE DATA  
R. 2752.15  
C. 355.13  
Δ. 15°01'15"  
Δ. 0.6223 MIN. PER FT.

NOTE:  
SOIL STABILIZATION MATERIALS  
AND DRAINAGE DRAINAGE ARE NOT  
REQUIRED.

CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS  
PLAN OF  
ROLAND AVE. - UPLAND RD. TO 1040' N. OF DEEPDENE RD.  
CONT. NO. 1009

SCALE: 1"=40.0'  
APPROVED: *Henry Wiskey*  
ASSOCIATE ENGINEER

BOOK NE-215-A  
AUG. 5, 1949  
APPROVED: *Wm. H. Taylor*  
HIGHWAYS ENGINEER

APPROVED: *Edward M. ...*  
ENGINEER OF SURVEYS

APPROVED: *R. H. ...*  
DIRECTOR OF PUBLIC WORKS

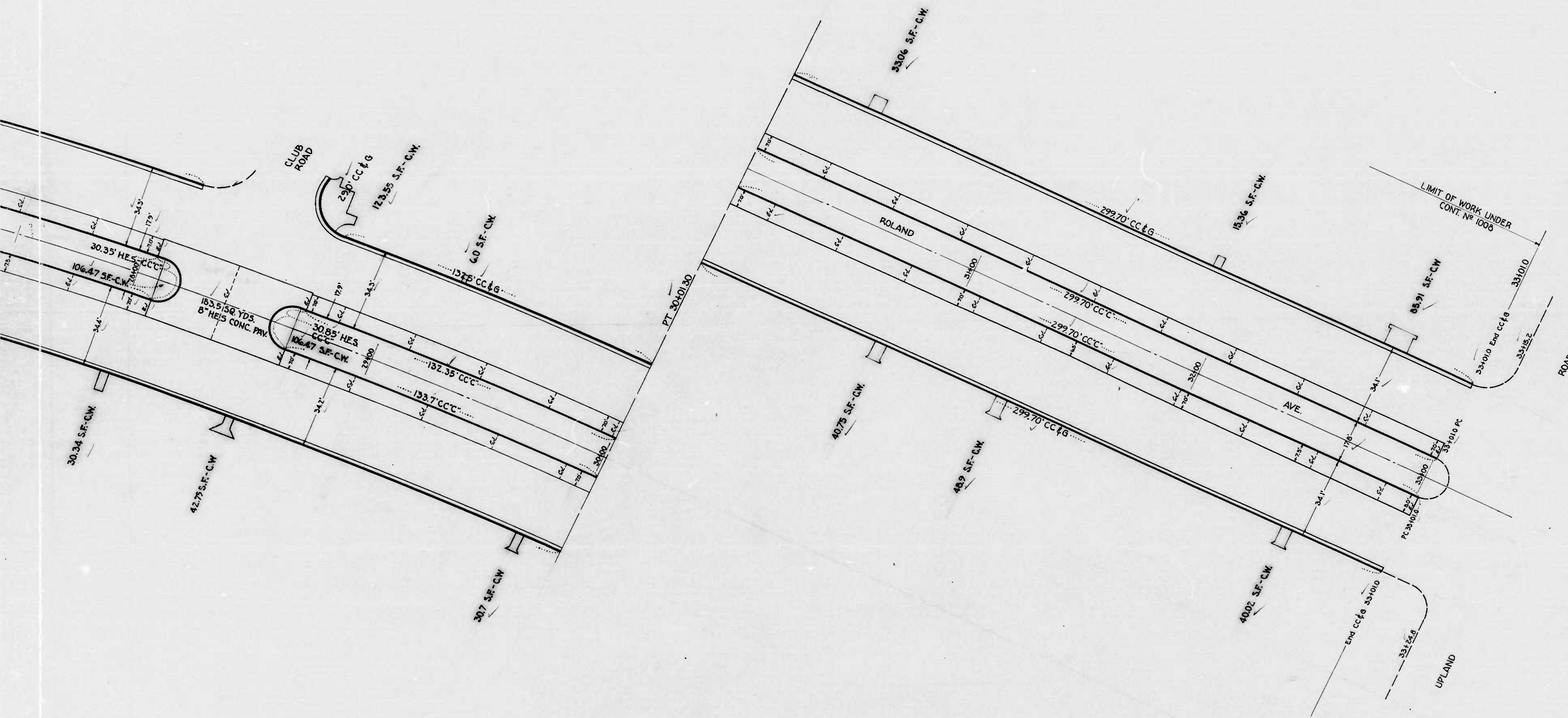
REVISED - 8-26-49



1008, 1009, 944

RATIO - 24

5



CITY OF BALTIMORE  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF HIGHWAYS

ROLAND AVE.  
 UNIVERSITY PKWY.-UPLAND RD.  
 CONT. N° 1008

BIT CONC. SURF. TWO (2) INCHES IN DEPTH ON EIGHT (8) INCH CEM. CONC. PAV. OR ON EXISTING BASE. CONTRACTOR  
 AMERICAN PAVING & CONTRACTING CO. CONTRACTOR  
 STARTED - 8-17-49 COMP. - 10-5-49  
 SCALE - 1"=20.0' DATE - MAR. 31, 1950

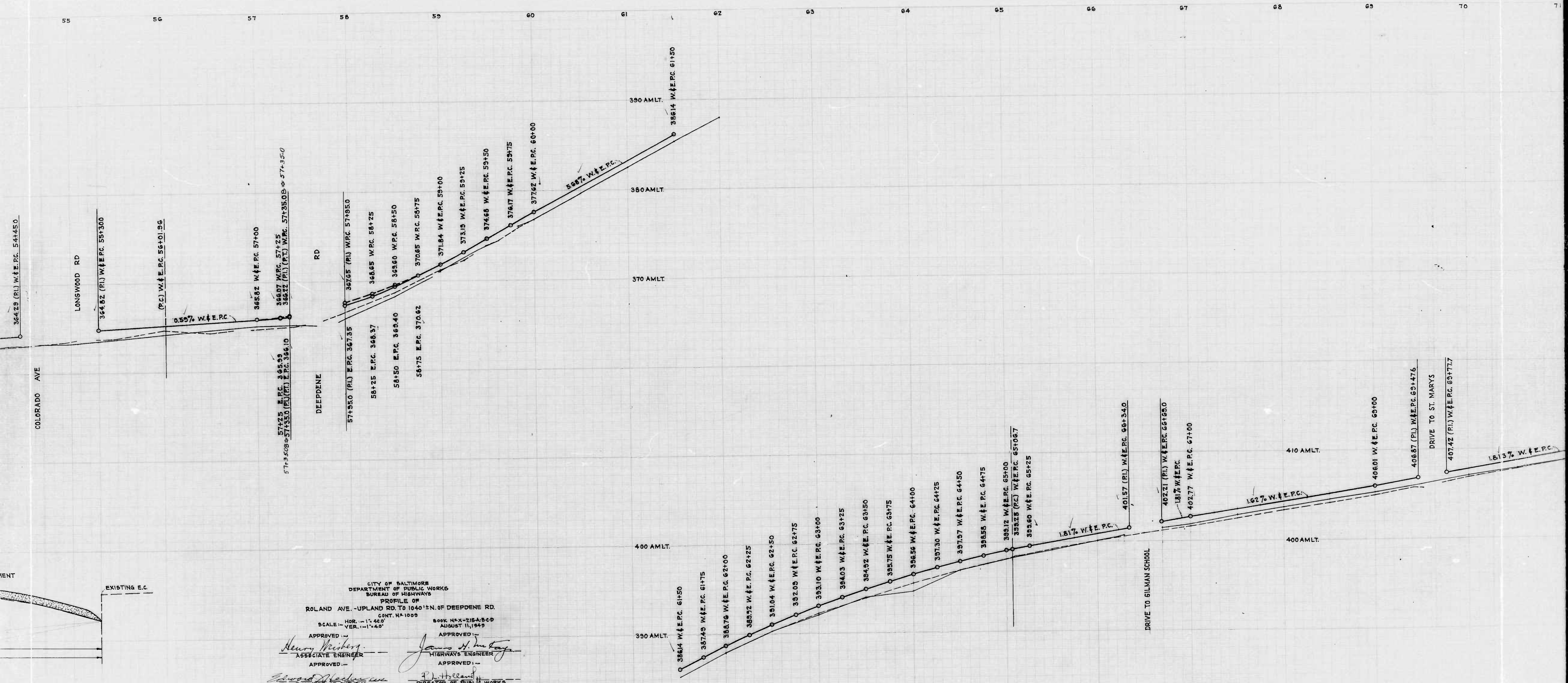
5



1008  
1009  
944

RATIO - 24

3



CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS

PROFILE OF  
ROLAND AVE. - UPLAND RD. TO 1040' N. OF DEEPEENE RD.  
CONT. NA-1009 BOOK NA-X-215-A-B-C-D  
AUGUST 11, 1949

SCALE: HOR. - 1" = 40' VER. - 1" = 4' 0"

APPROVED: *Henry Weisberg* ASSOCIATE ENGINEER  
APPROVED: *James H. Mays* HIGHWAYS ENGINEER  
APPROVED: *Edward H. ...* ENGINEER OF SURVEYS  
APPROVED: *P. J. ...* DIRECTOR OF PUBLIC WORKS

REVISED - 8-26-49

5

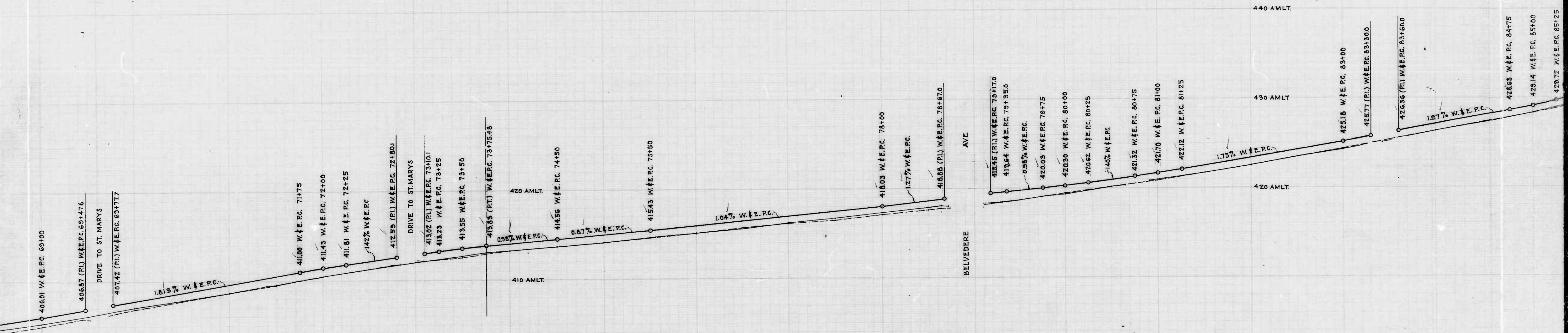


1008  
1009  
944

RATIO - 24

3

69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85



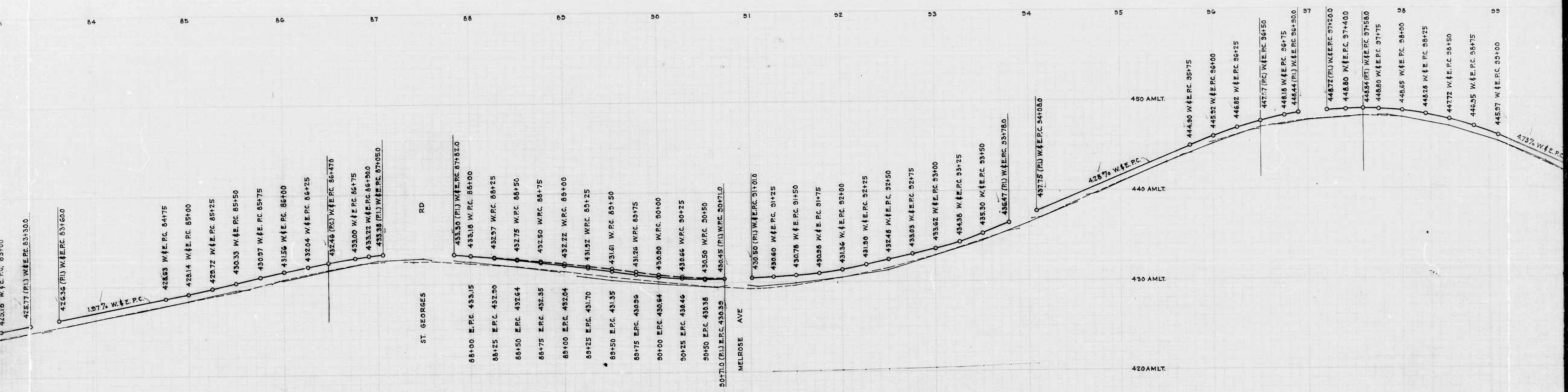
6



1008  
1009  
944

RATIO - 24

3

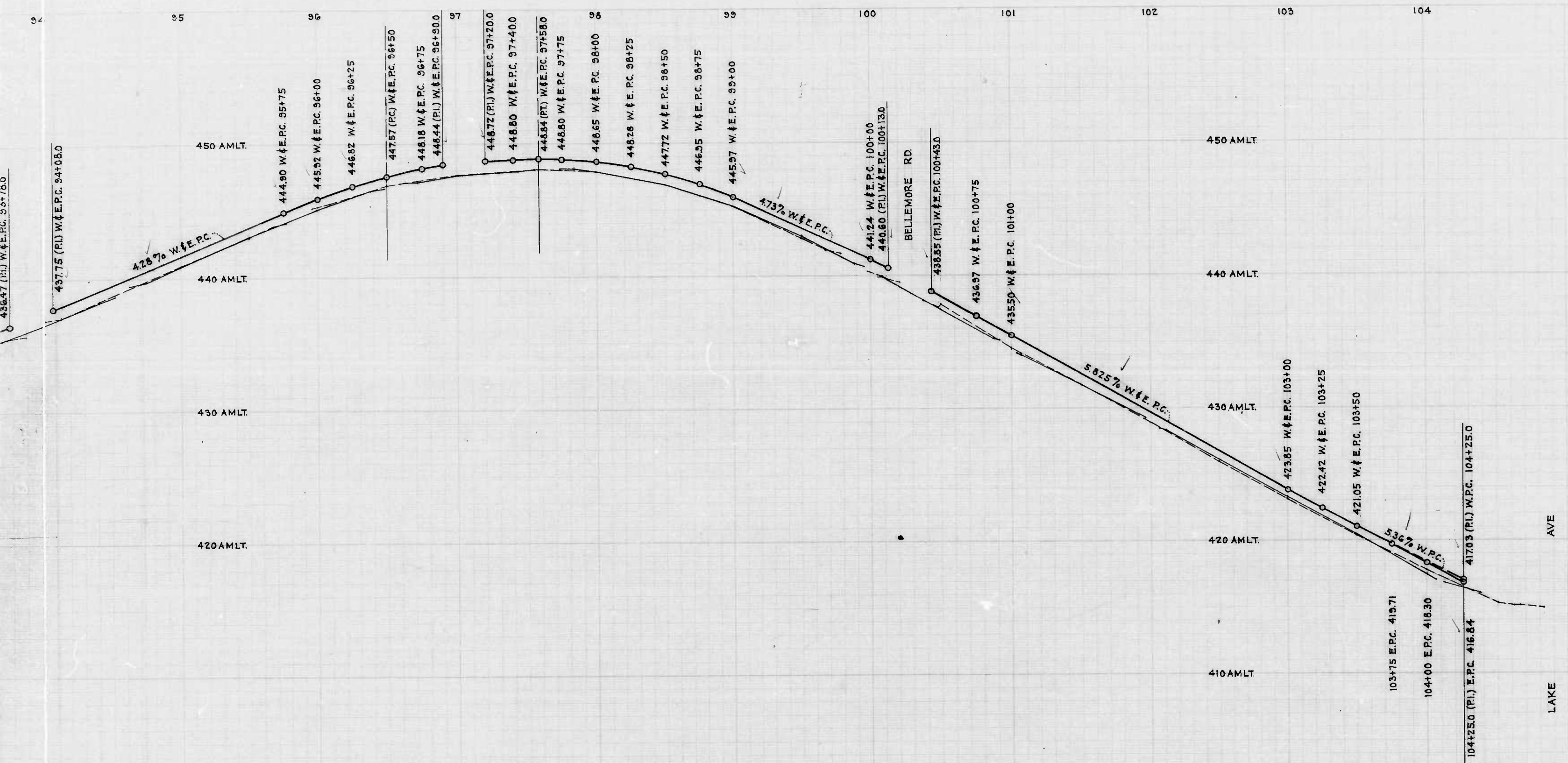




1008  
1009  
944

RATIO - 24

3



CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS  
PROFILE OF  
ROLAND AVE.-1040'±N. OF DEEPDENE RD. TO LAKE AVE.  
CONT. N<sup>o</sup> 944  
SCALES: HOR. 1"=400' VER. 1"=40'  
APPROVED: *Henry Wisberg* ASSOCIATE ENGINEER  
APPROVED: *John A. ...* HIGHWAYS ENGINEER  
APPROVED: *Edward ...* ENGINEER OF SURVEYS  
APPROVED: *R. ...* DIRECTOR OF PUBLIC WORKS  
BOOK MAX-215-A-B-C-D  
NOV. 16, 1948

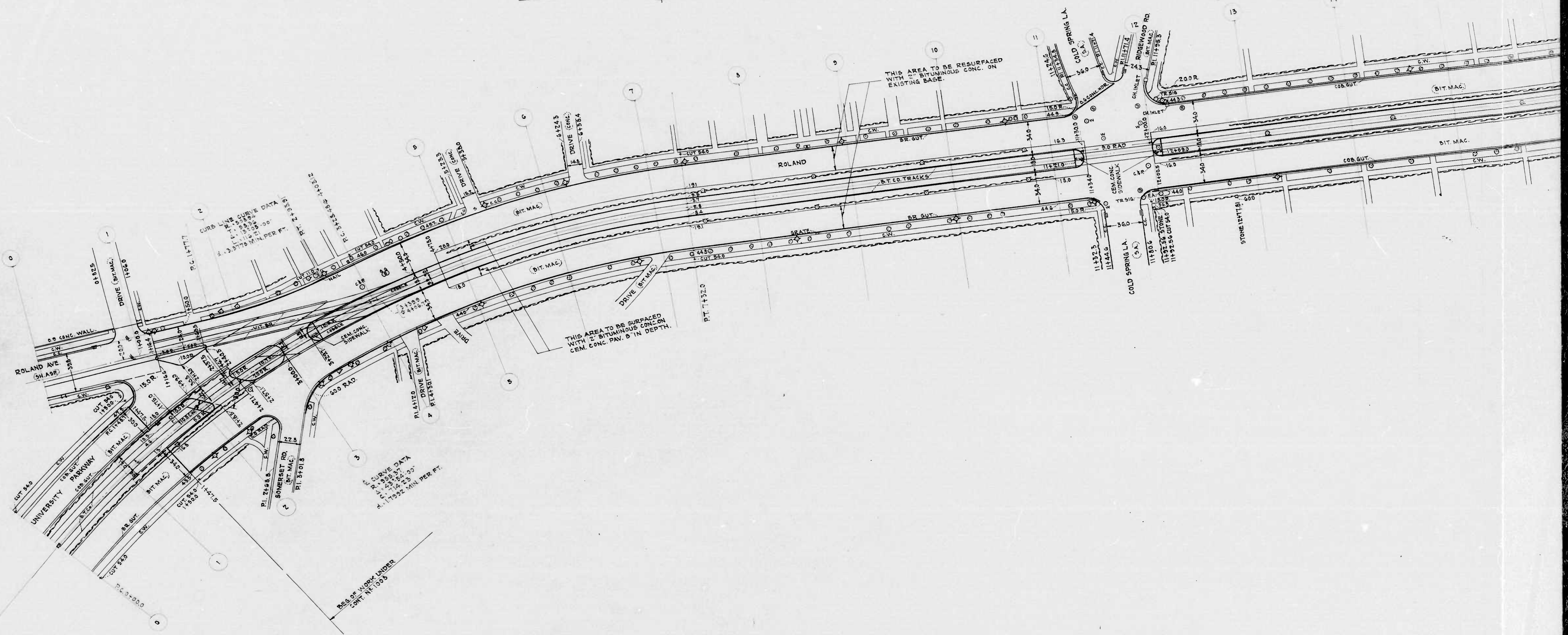
8



1008  
1009  
944

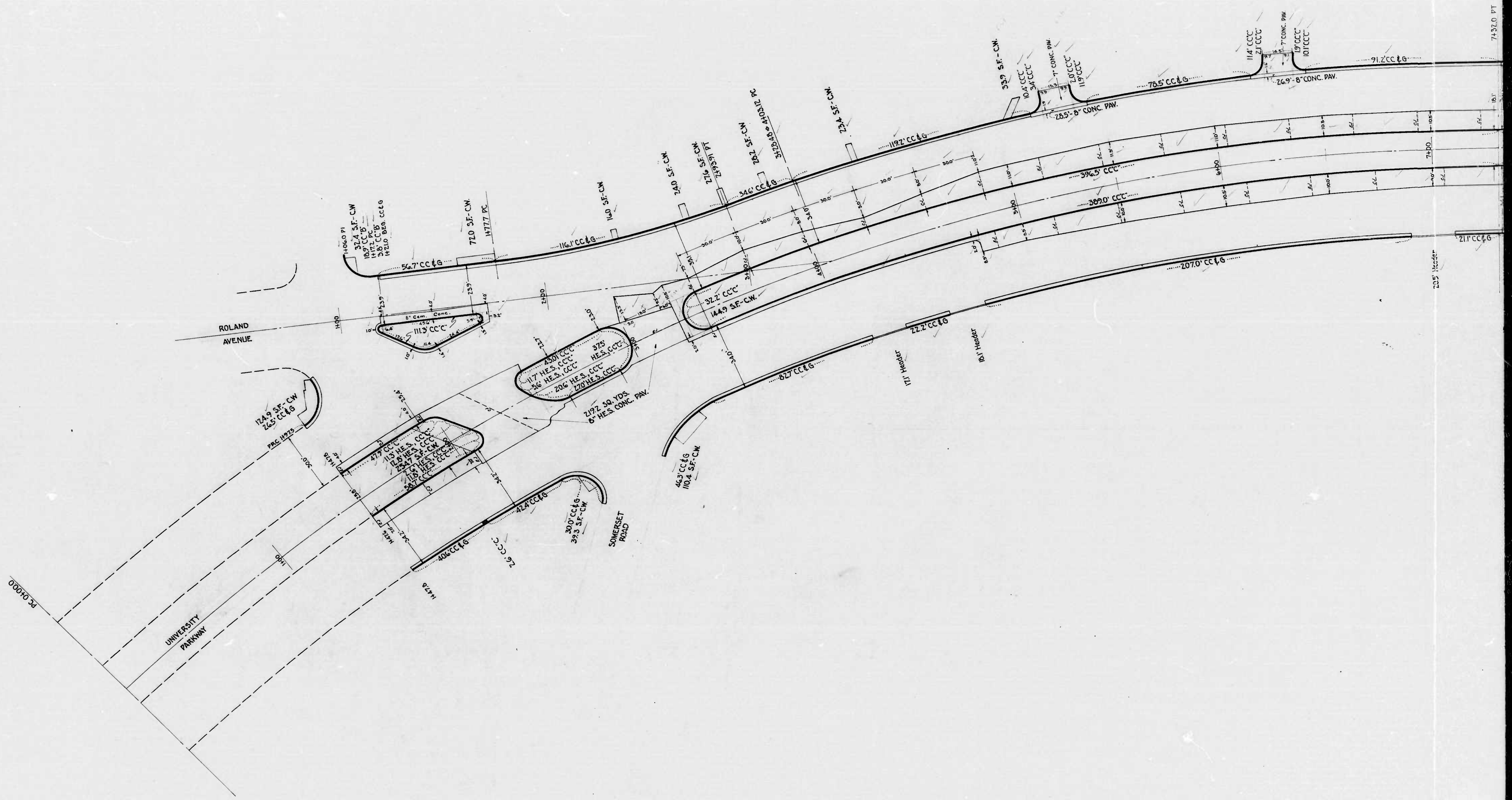
RATIO - 24

1



J.J. HAYDEN  
Civil Engineer





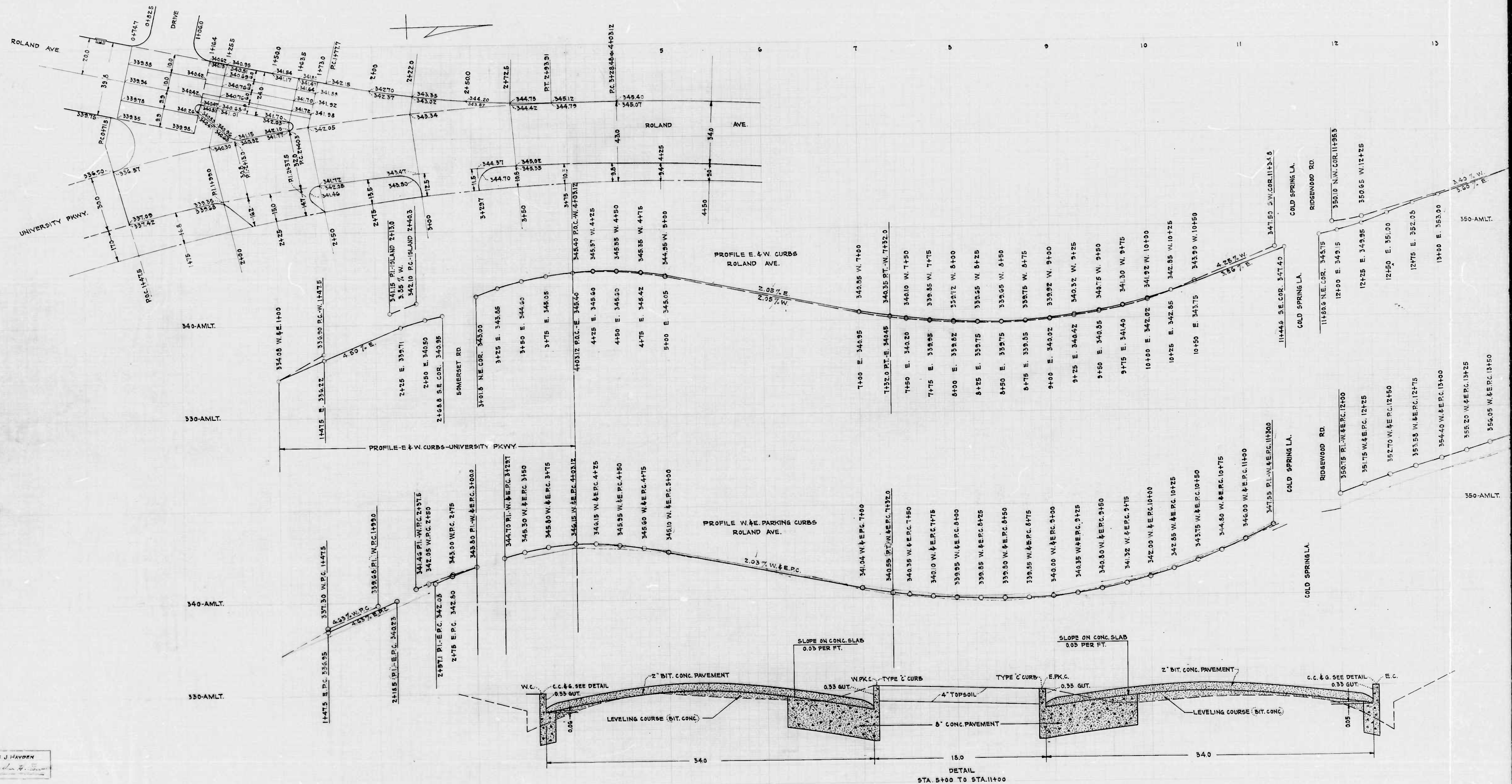
James A. Smith  
Civil Engineer



1008  
1009  
944

RATIO - 24

3



J. J. HAYDEN  
Civil Engineer

NOTE  
SOIL STABILIZATION MATERIALS  
AND/OR UNDERDRAINS ARE NOT  
REQUIRED.

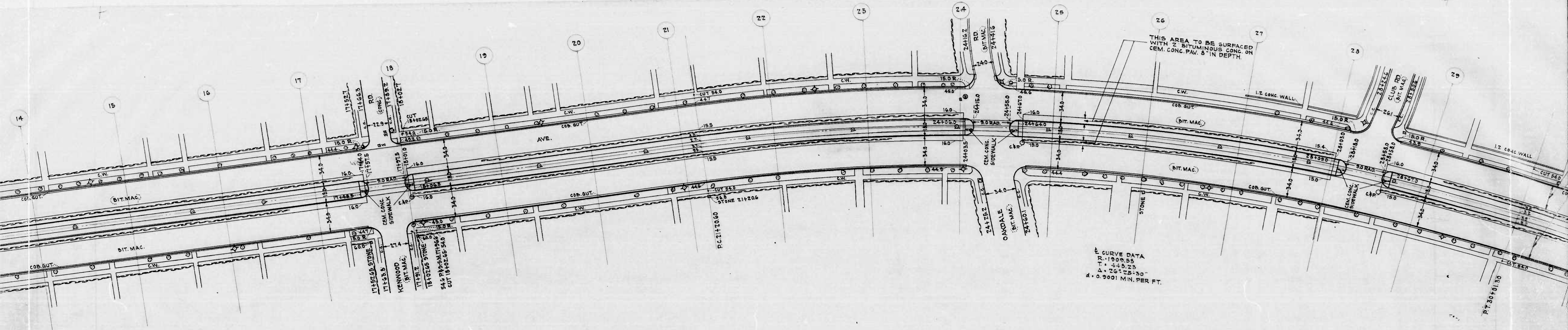
DETAIL  
STA. 5+00 TO STA. 11+00



1008  
1009  
944

RATIO - 24

1



± CURVE DATA  
R = 1500.55  
T = 445.23  
Δ = 26° 55' 30"  
4.0 0.001 MN. PER FT.

NOTE:  
SOIL STABILIZATION MATERIALS  
AND OR UNDERDRAINS ARE NOT  
REQUIRED.

CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS  
PLAN OF  
ROLAND AVE. - UNIVERSITY PKWY. TO UPLAND RD.  
CONT. NO. 1008  
SCALE: 1" = 40'  
BOOK NO. 215-A  
AUG. 8, 1945  
APPROVED: Henry Wisberg, ASSOCIATE ENGINEER  
APPROVED: [Signature], HIGHWAYS ENGINEER  
APPROVED: [Signature], ENGINEER OF SURVEYS  
APPROVED: [Signature], DIRECTOR OF PUBLIC WORKS



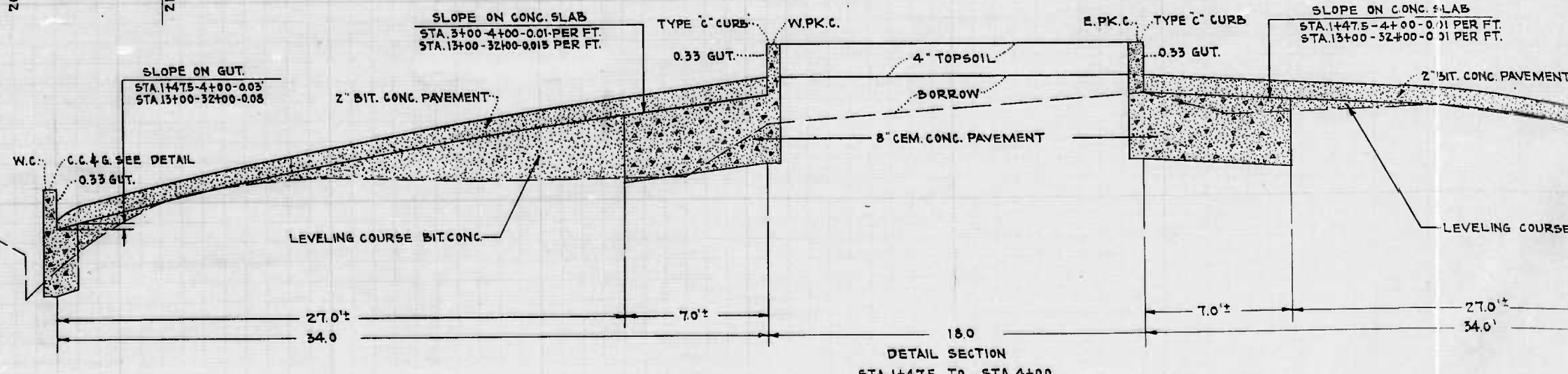
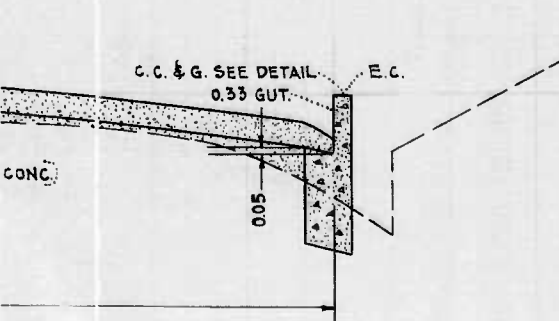
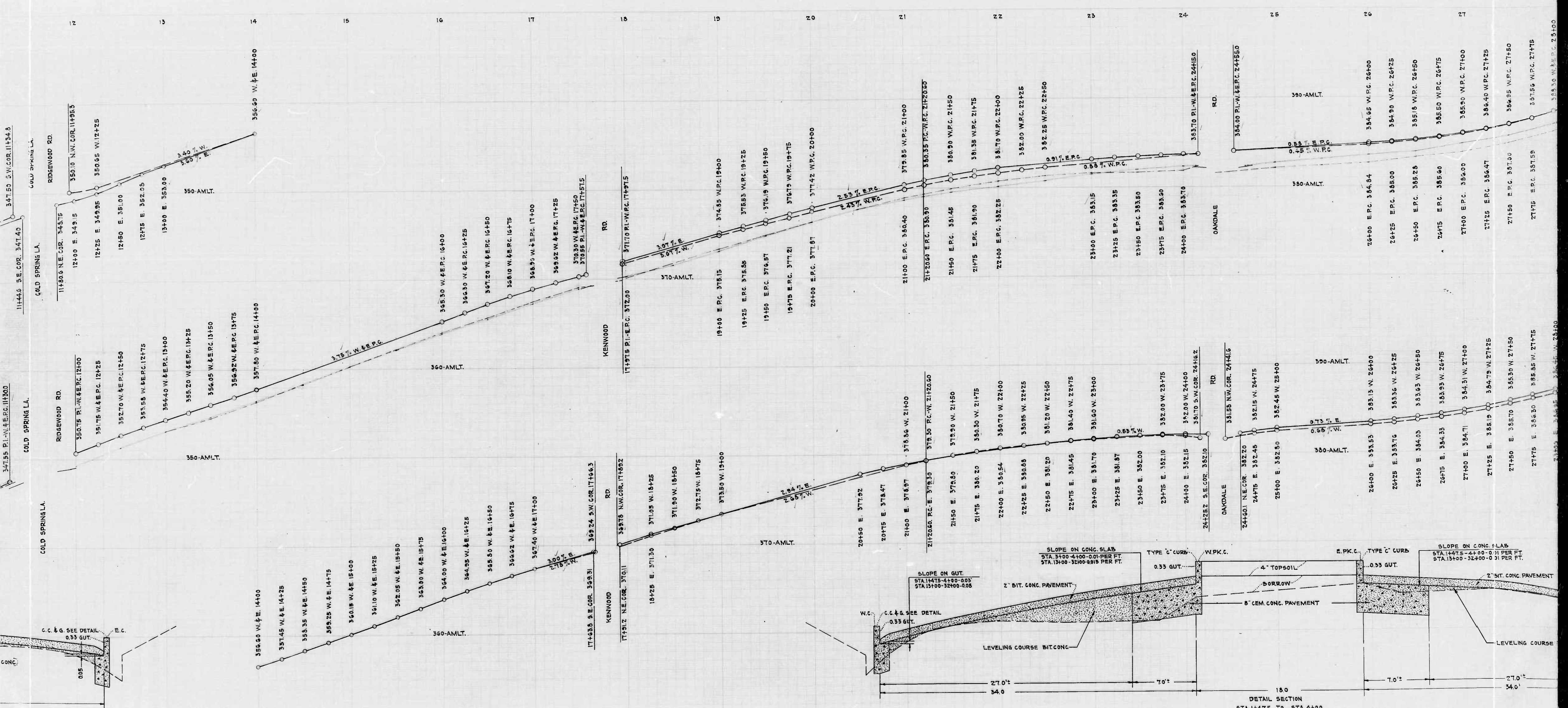




1008  
1009  
944

RATIO - 24

3

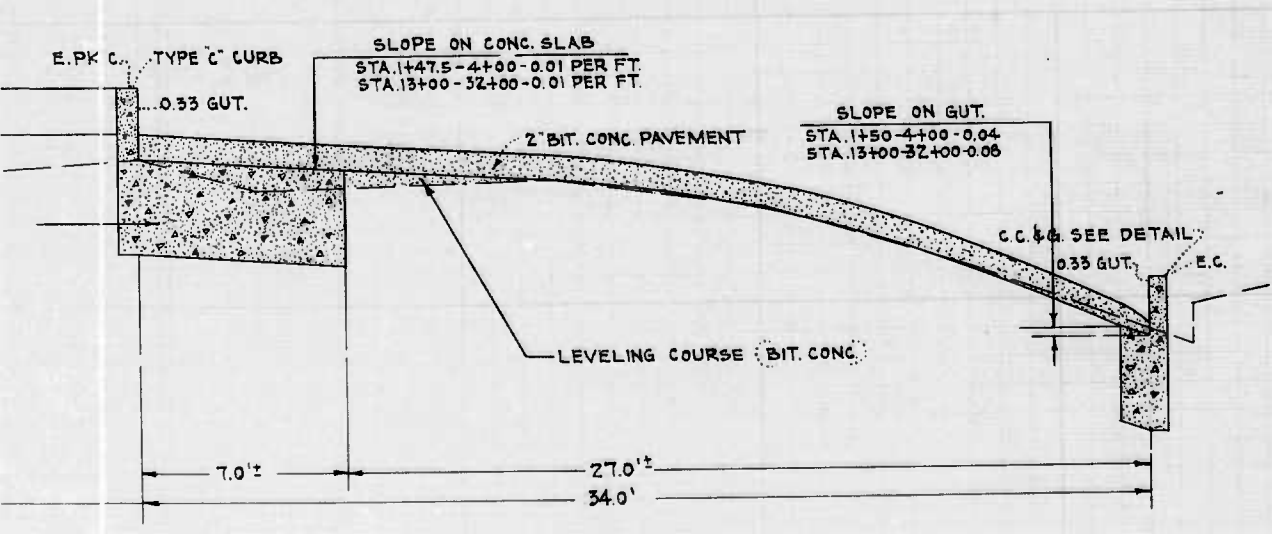
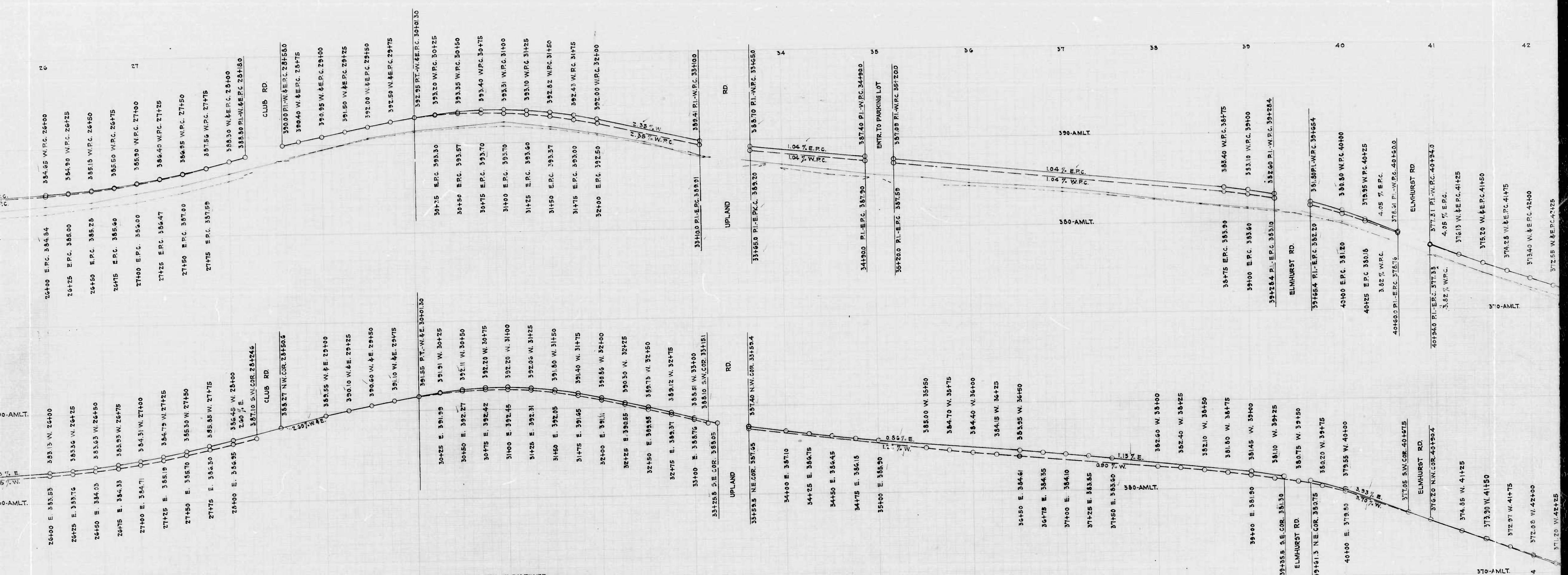


NOTE: -  
SOIL STABILIZATION MATERIALS  
AND/OR UNDERDRAINS ARE NOT  
REQUIRED.

DETAIL SECTION  
STA. 14475 TO STA. 4+00  
STA. 13400 TO STA. 32+00



1008  
1009  
944



CITY OF BALTIMORE  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS

PROFILE OF  
ROLAND AVE. - UNIVERSITY PKWY. TO UPLAND RD.  
CONT. N° 1003  
BOOK N° X 215-A-800  
AUGUST 5, 1949  
VER. - 1: 4"

APPROVED: *Henry Wisberg*  
ASSOCIATE ENGINEER

APPROVED: *James W. Hester*  
HIGHWAYS ENGINEER

APPROVED: *Edward H. Adams*  
ENGINEER OF SURVEYS

APPROVED: *R. H. Holland*  
DIRECTOR OF PUBLIC WORKS

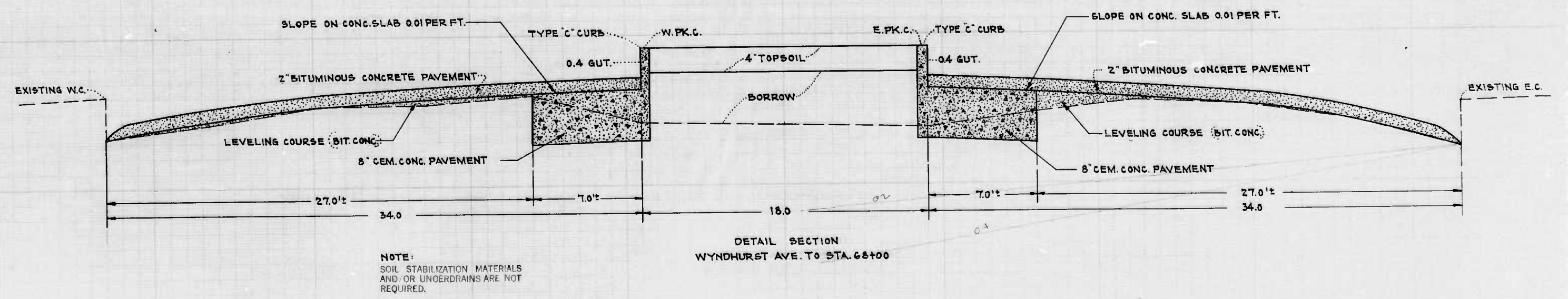
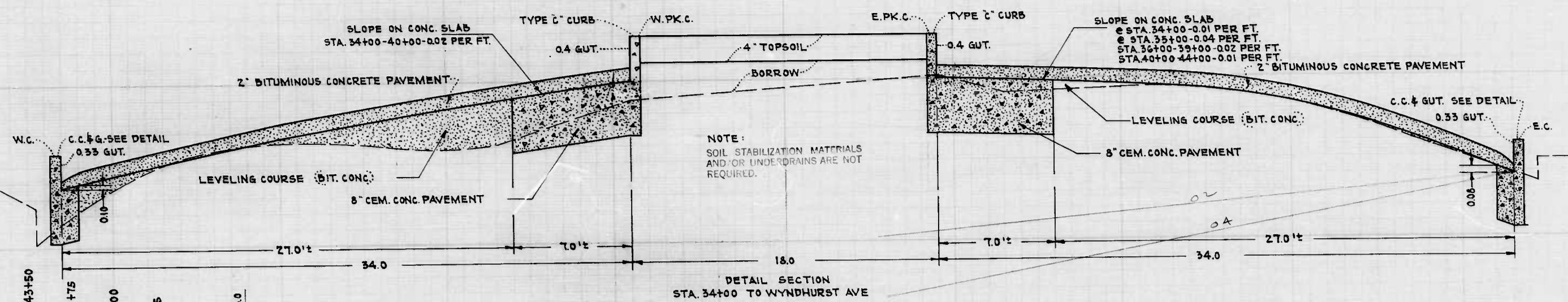
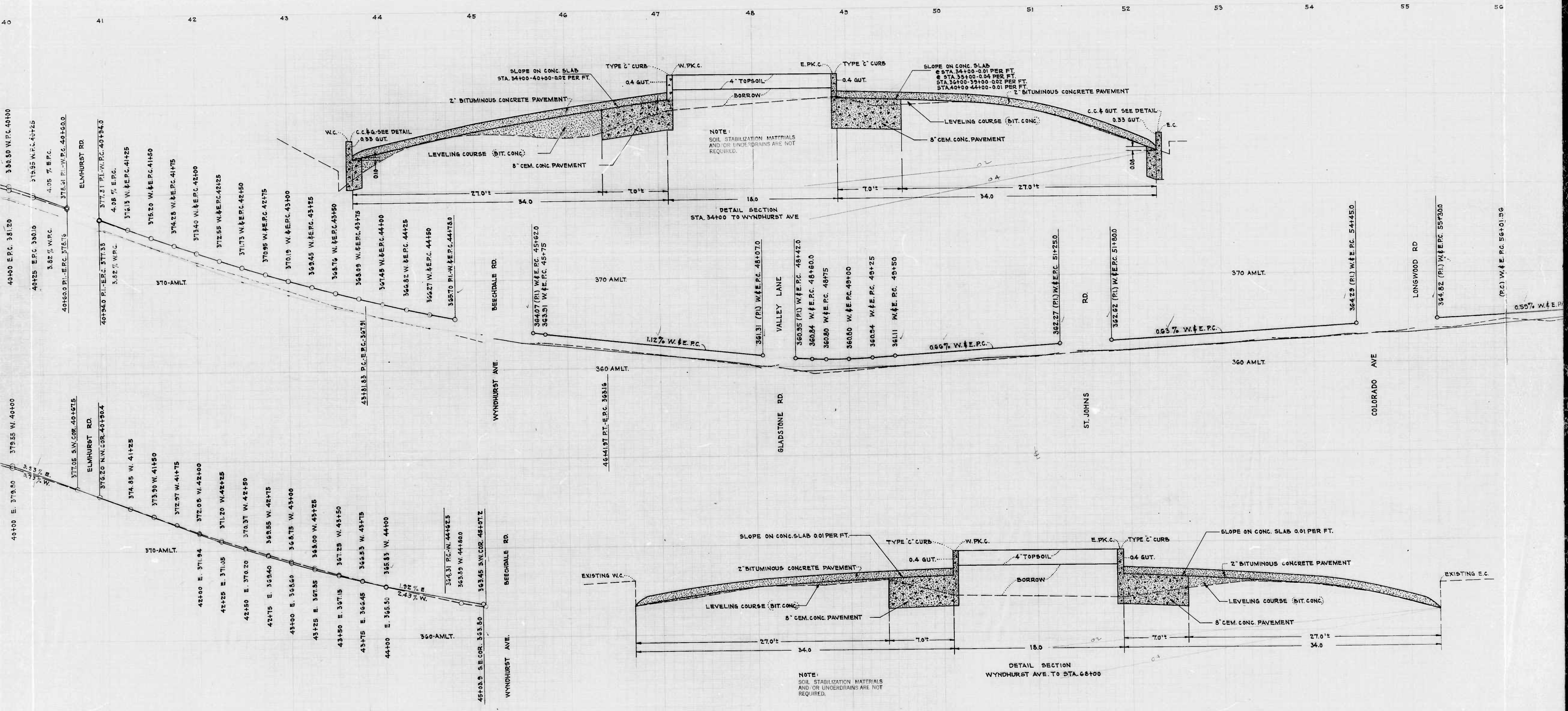
3



1008  
1009  
944

RATIO - 24

3



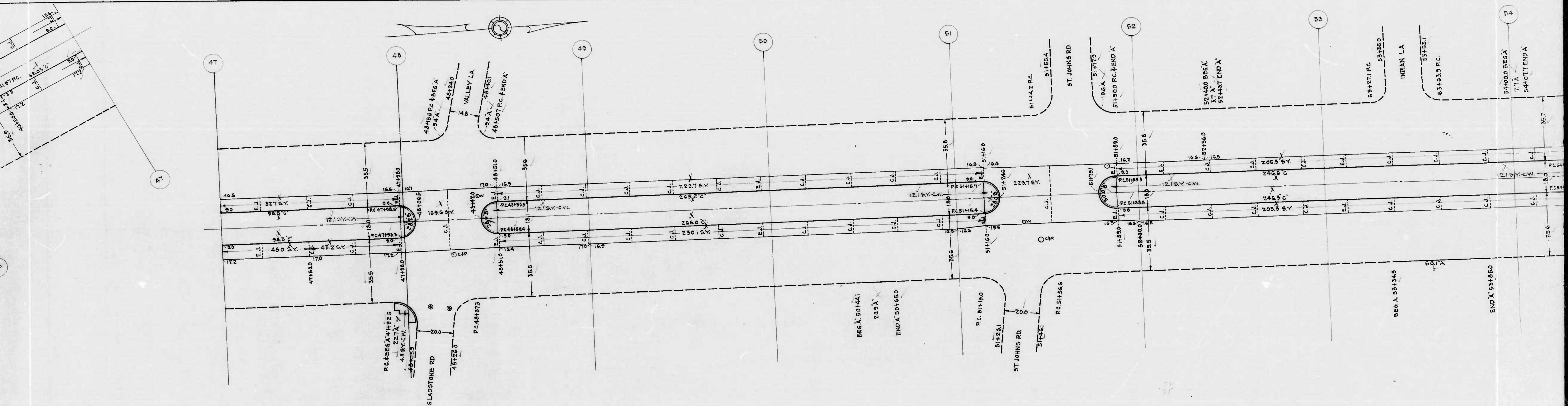
4



1008, 1009, 944

RATIO - 24

6

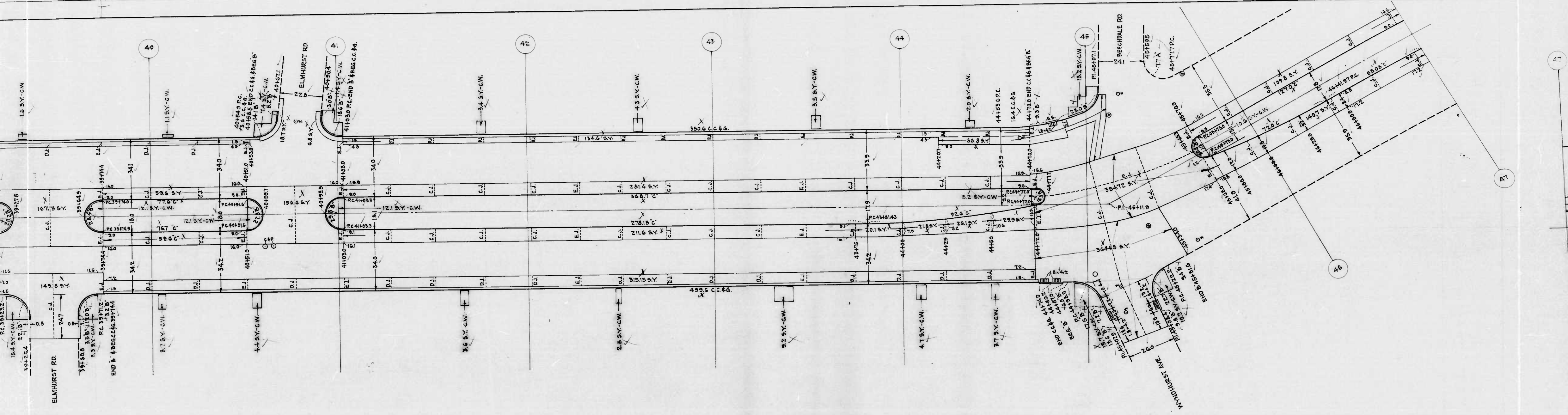




1008, 1009, 944

RATIO - 24

6

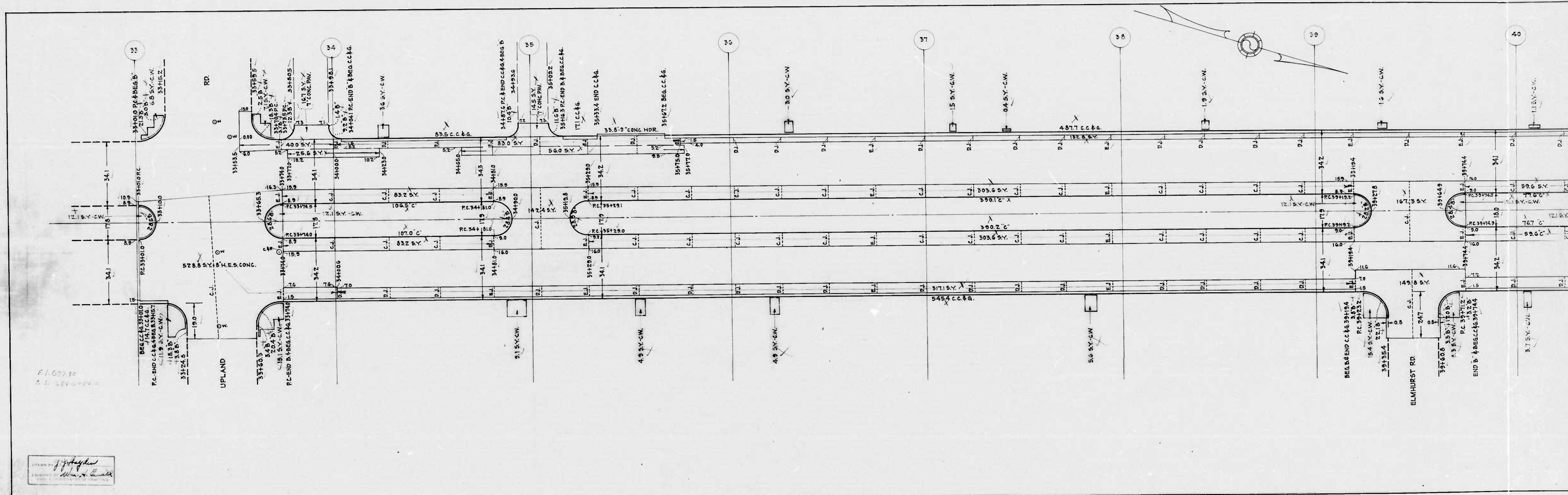




1008.1009, 944

RATIO - 24

6



E.I. 67730  
S.D. 2274444

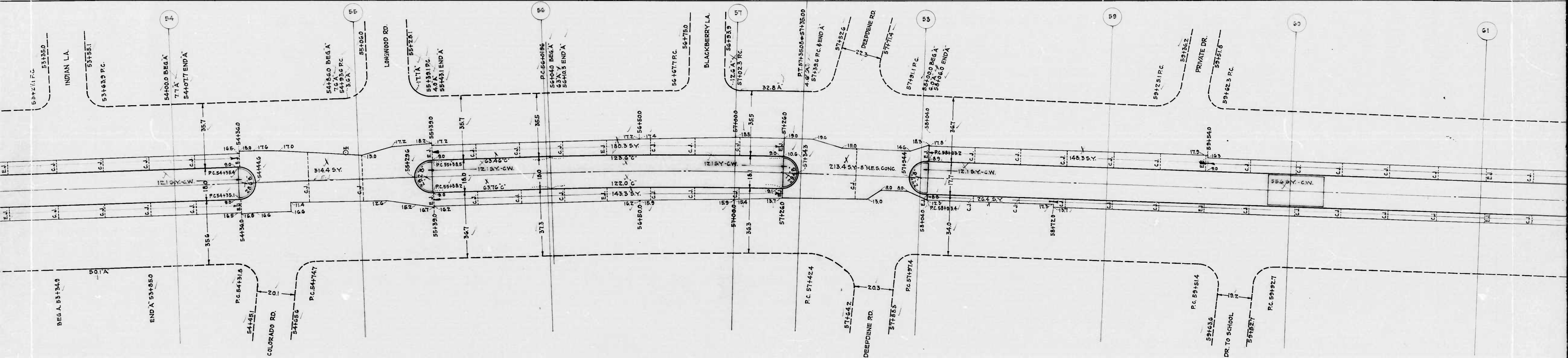
DESIGNED BY *J. J. Hagan*  
EXAMINED BY *Wm. A. Ewell*



1008, 1009, 944

RATIO - 24

6

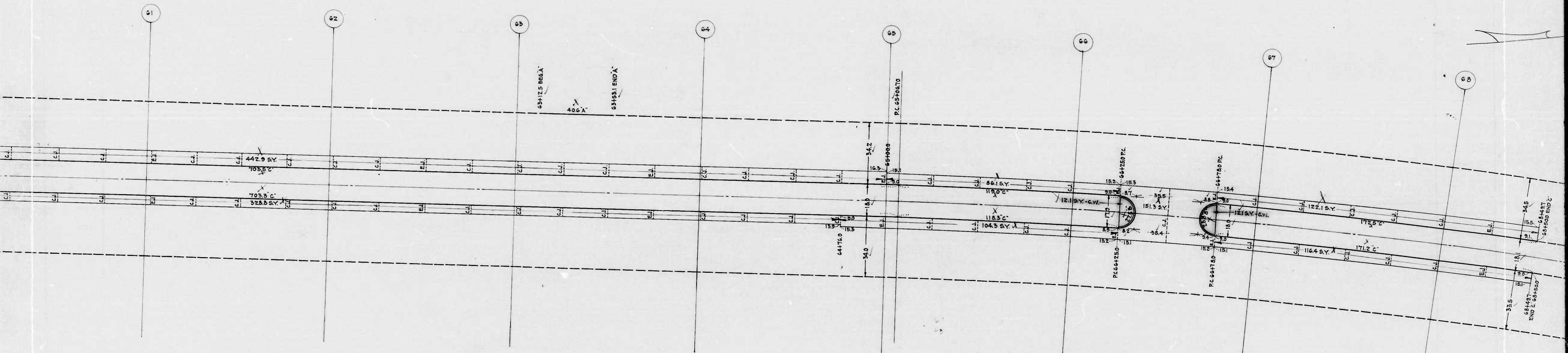




1008, 1009, 944

RATIO - 24

6



5



