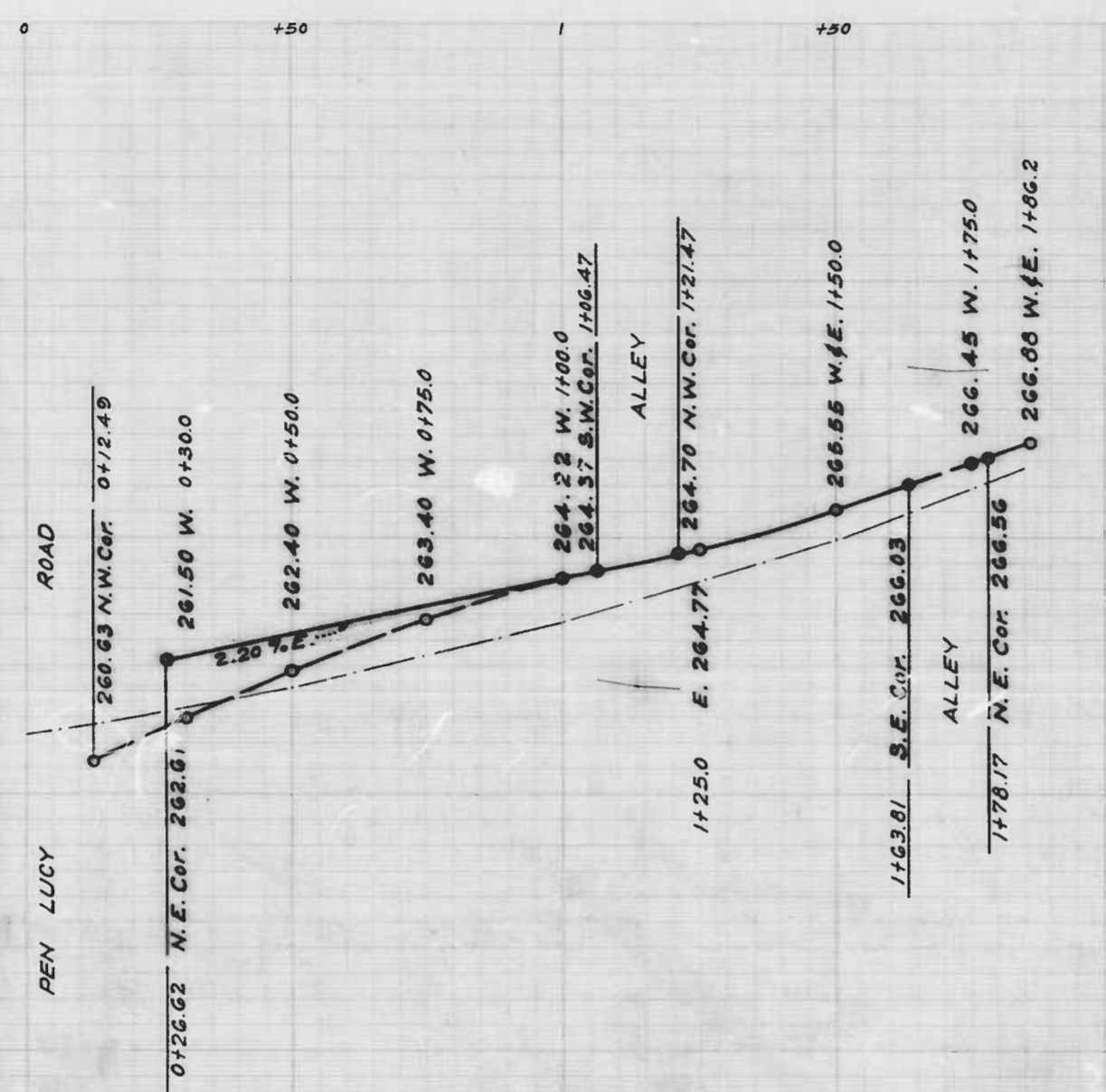
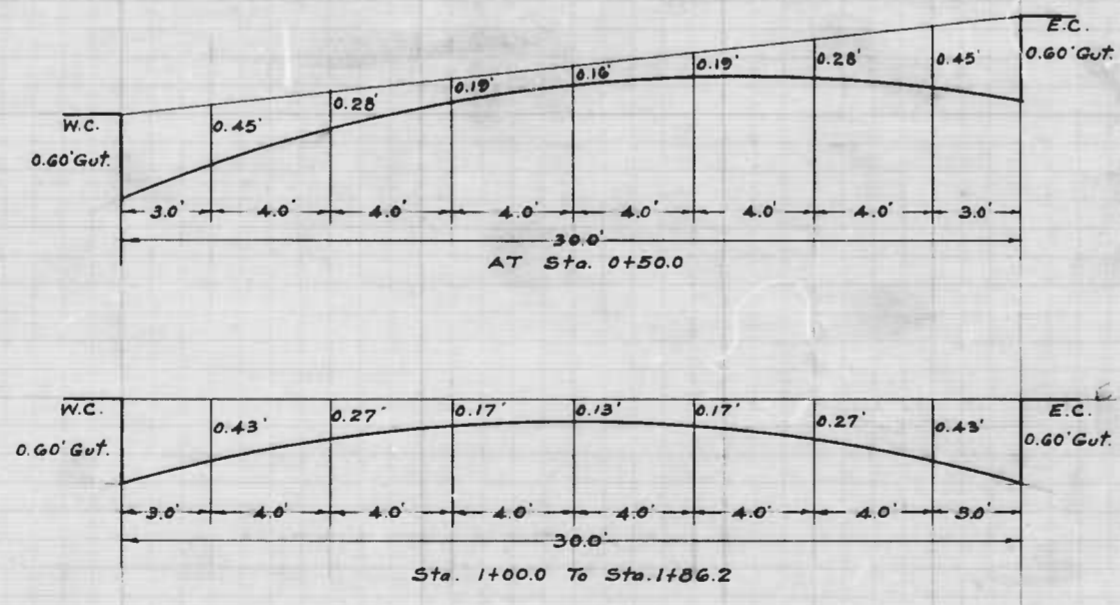


HILLDENE RD - PEN LUCY RD - 157' NORTH
COM. No. 833

HILLDENE RD - PEN LUCY RD - 157' NORTH
COM. No. 833



Note
The issuance of this Profile does not
commit the City to the Acceptance and/or
Improvement of any Thoroughfares shown hereon.

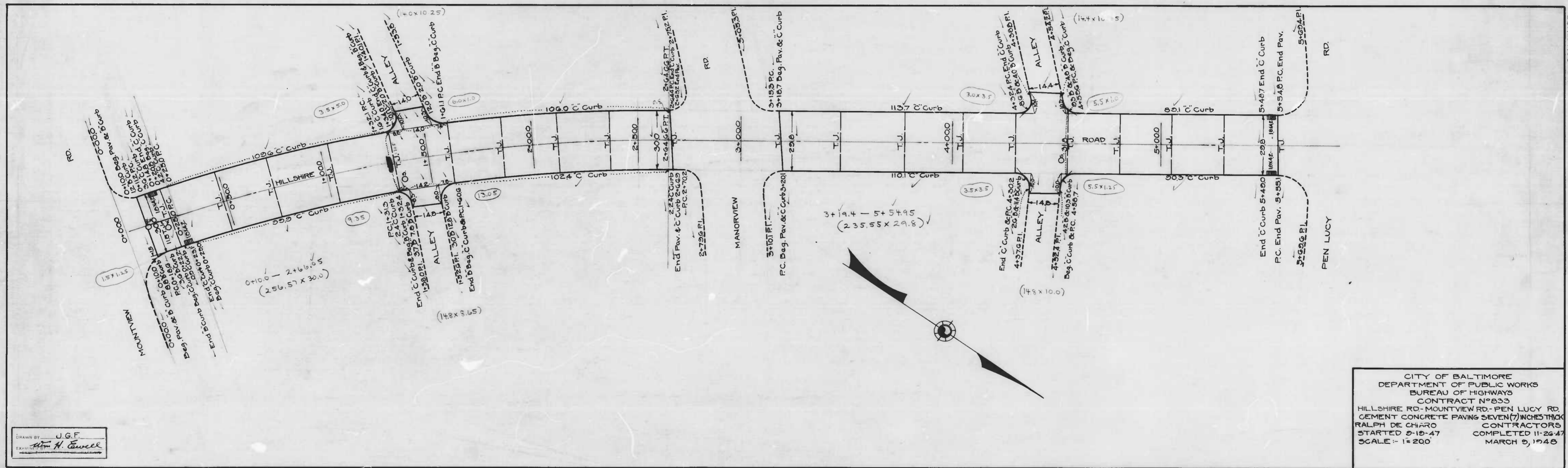


Drawn by *Arthur H. Connel*
Reviewed by *S. L. Curran*

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
PROFILE OF
HILLDENE RD. - PEN LUCY RD. - 157' NORTH
Hor. 1" = 20.0' Book No. X-232
Scale: Ver. 1" = 2.0' Date: Sept. 24, 1947.
Cont. No. 833

APPROVED *Henry Wisberg* ASSOCIATE ENGINEER
APPROVED *James A. McTear* HIGHWAYS ENGINEER
APPROVED *Edward J. Macfarlan* ENGINEER OF SURVEYS
APPROVED *Richard P. Smith* DIRECTOR OF PUBLIC WORKS

c.s. grade used

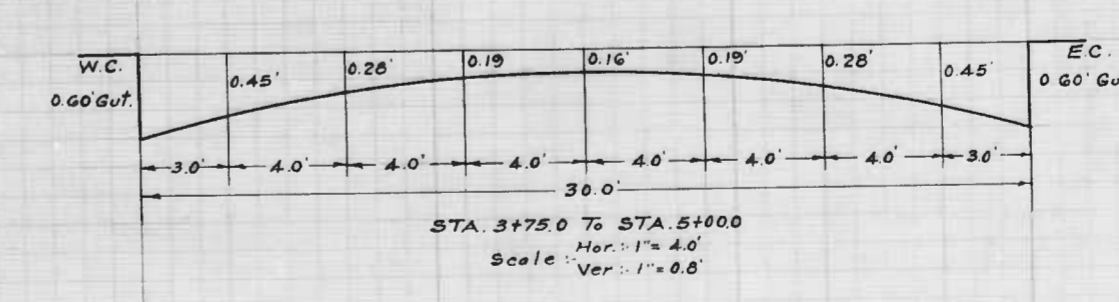
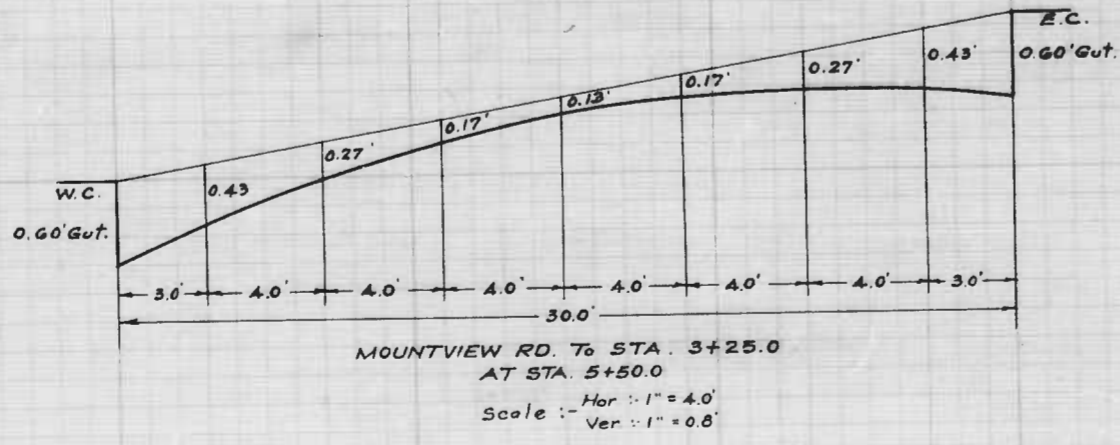
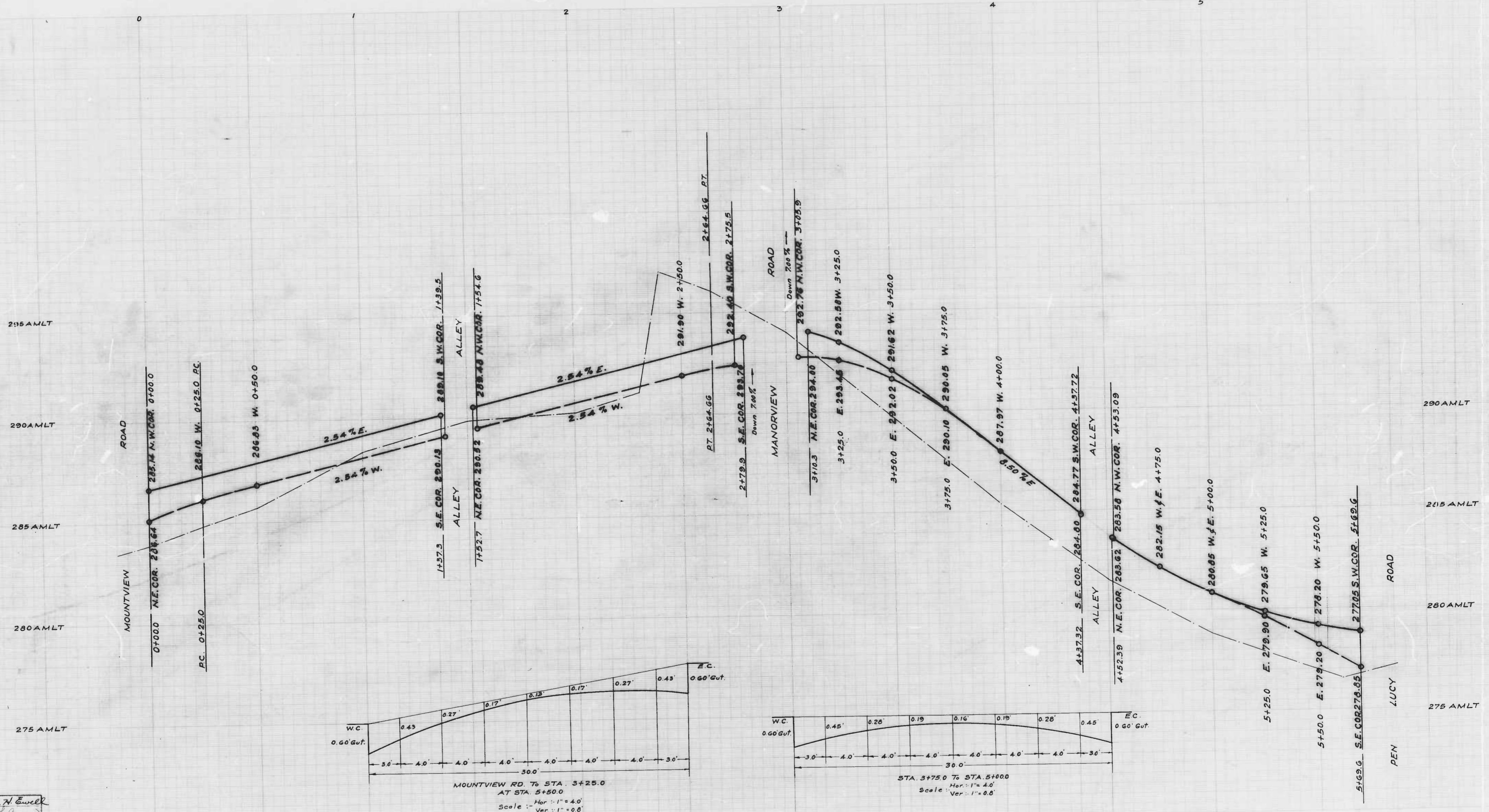


HILLSHIRE RD - MOUNTVIEW RD - PEN LUCY RD. CONT. 10-833

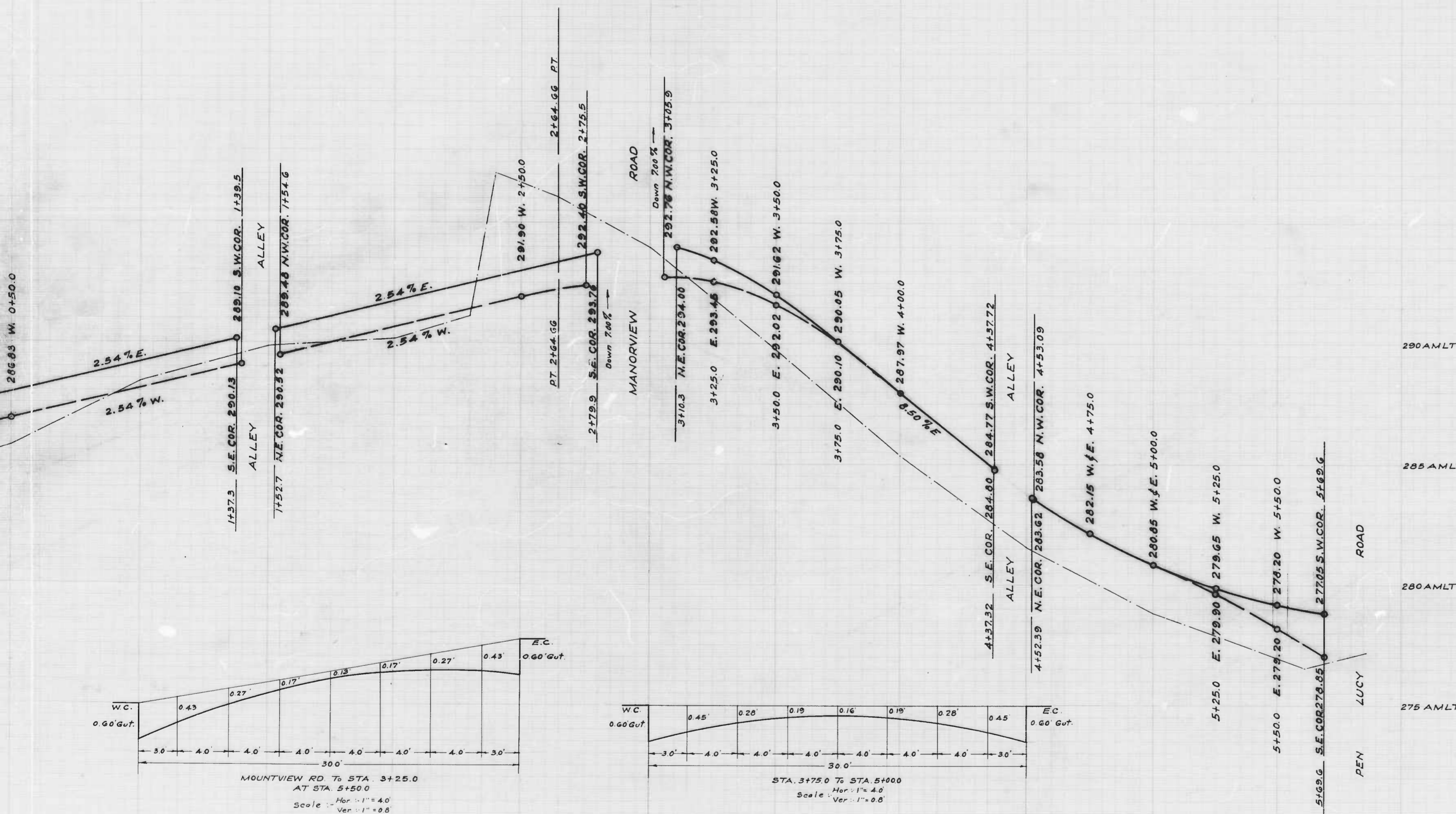
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 833
 HILLSHIRE RD - MOUNTVIEW RD - PEN LUCY RD.
 CEMENT CONCRETE PAVING SEVENTEEN INCHES THICK
 RALPH DE CHARO CONTRACTORS
 STARTED 8-18-47 COMPLETED 11-26-47
 SCALE - 1" = 200' MARCH 9, 1948

DRAWN BY J.G.F.
 H. H. Cawell

HITCHCOCK RD - MANORVIEW RD - VER TICA RD
COMD. 11/13/33



DRAWN BY *Wm. H. Howell*
 ENGINEER IN CHARGE OF DRAFTING



"NOTE"
 The issuance of this Profile does not commit the City to the Acceptance and/or Improvement of any Thoroughfares shown herein.

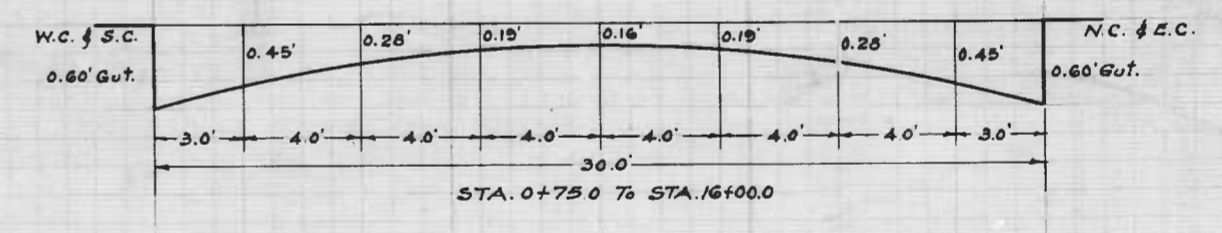
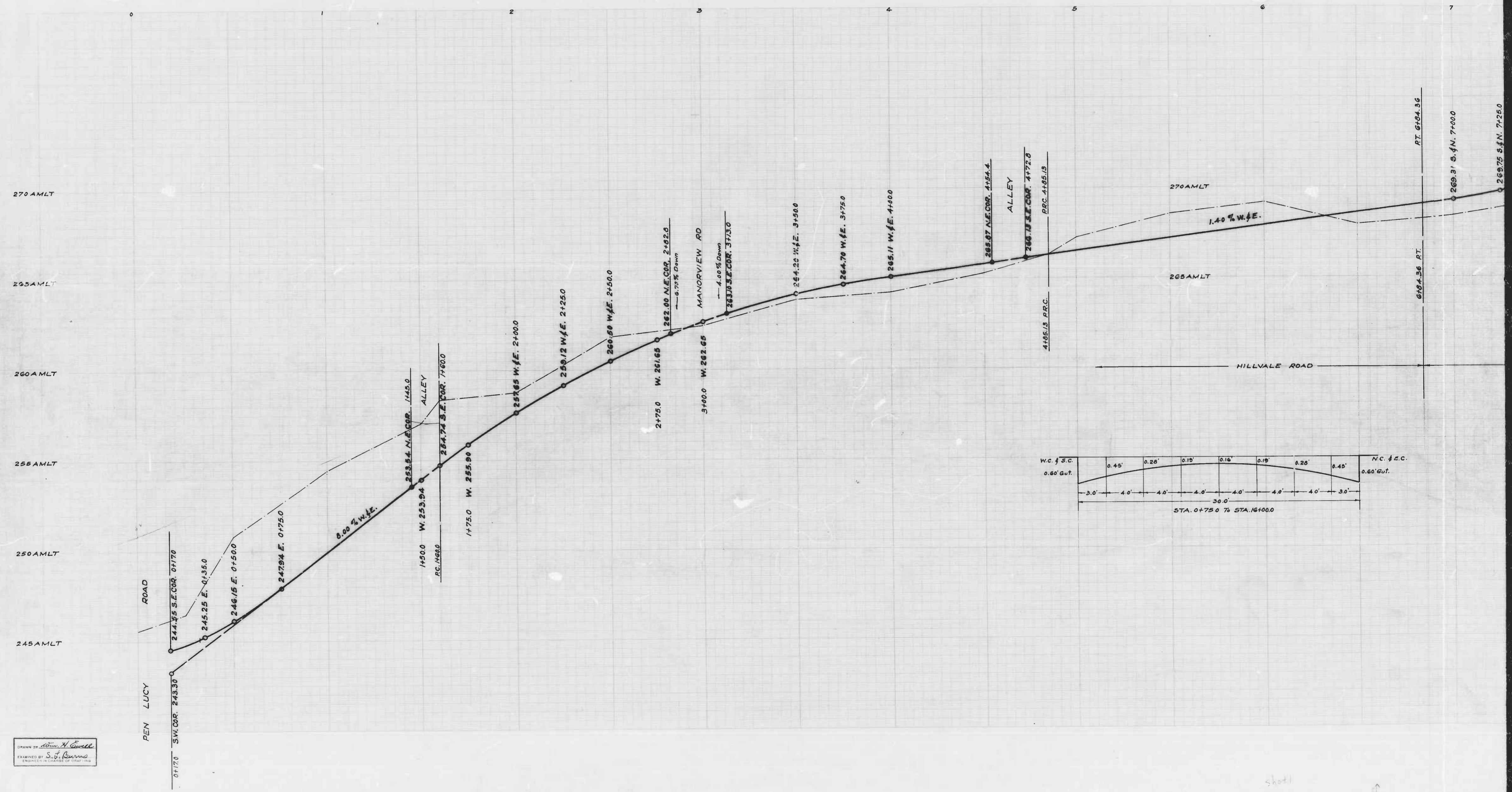
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 PROFILE OF
 HILLSHIRE RD.-MOUNTVIEW RD.-PEN LUCY ROAD.
 Scale: Hor. 1" = 20.0' Book N° C-833
 Ver. 1" = 2.0' Date: June 6, 1947.
 CONT. N° 833

APPROVED
Henry Weisberg
 ASSOCIATE ENGINEER

APPROVED
W. J. Z. Z...
 HIGHWAYS ENGINEER

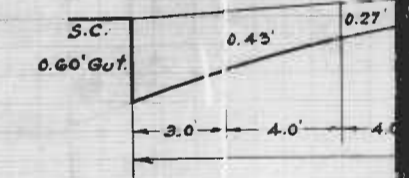
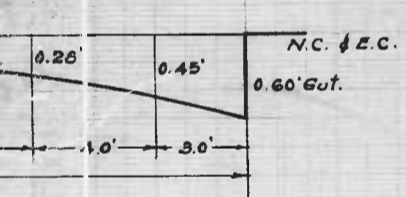
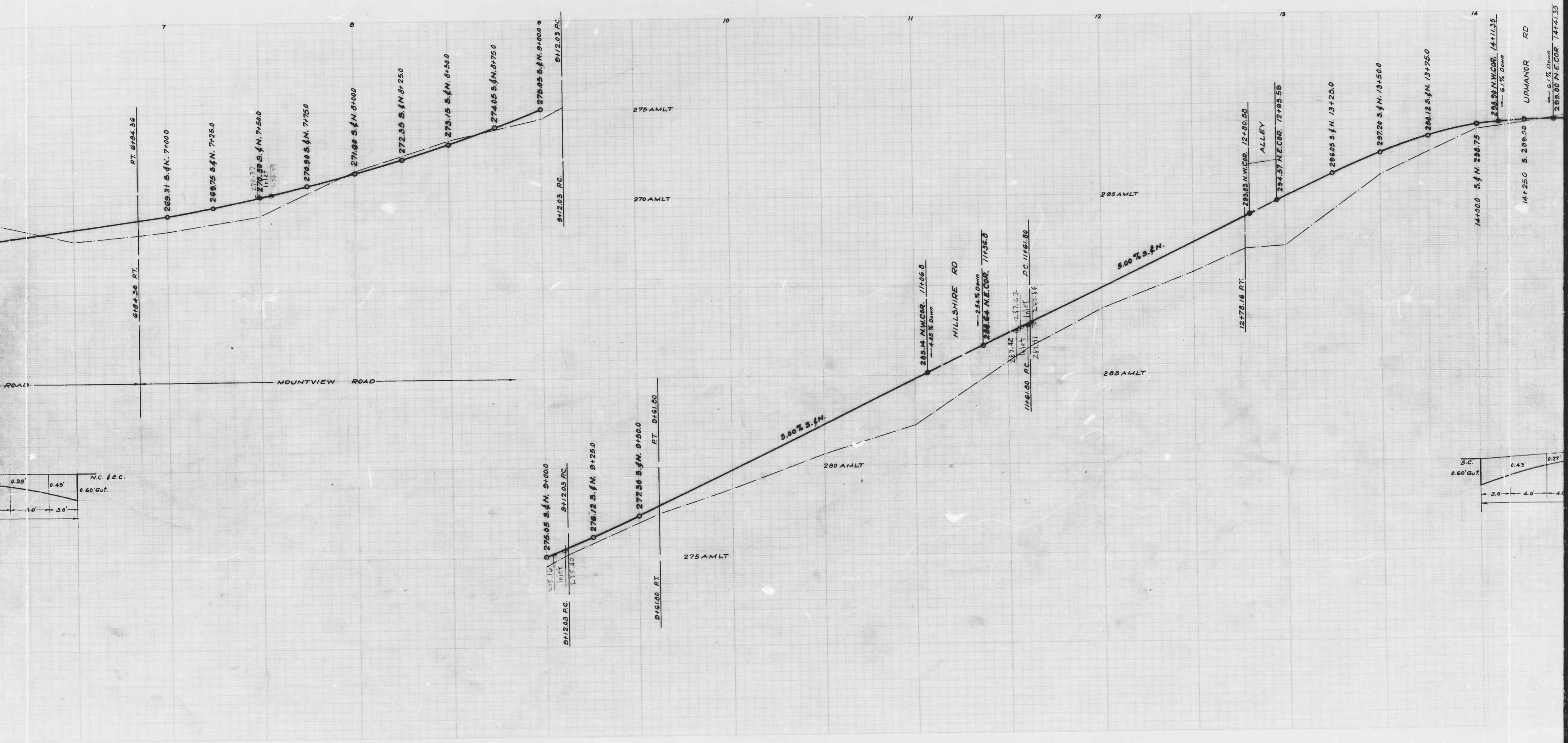
APPROVED
Edward J. Hasler
 ENGR. OF SURVEYS

APPROVED
Joseph R. Smith
 DIRECTOR OF PUBLIC WORKS

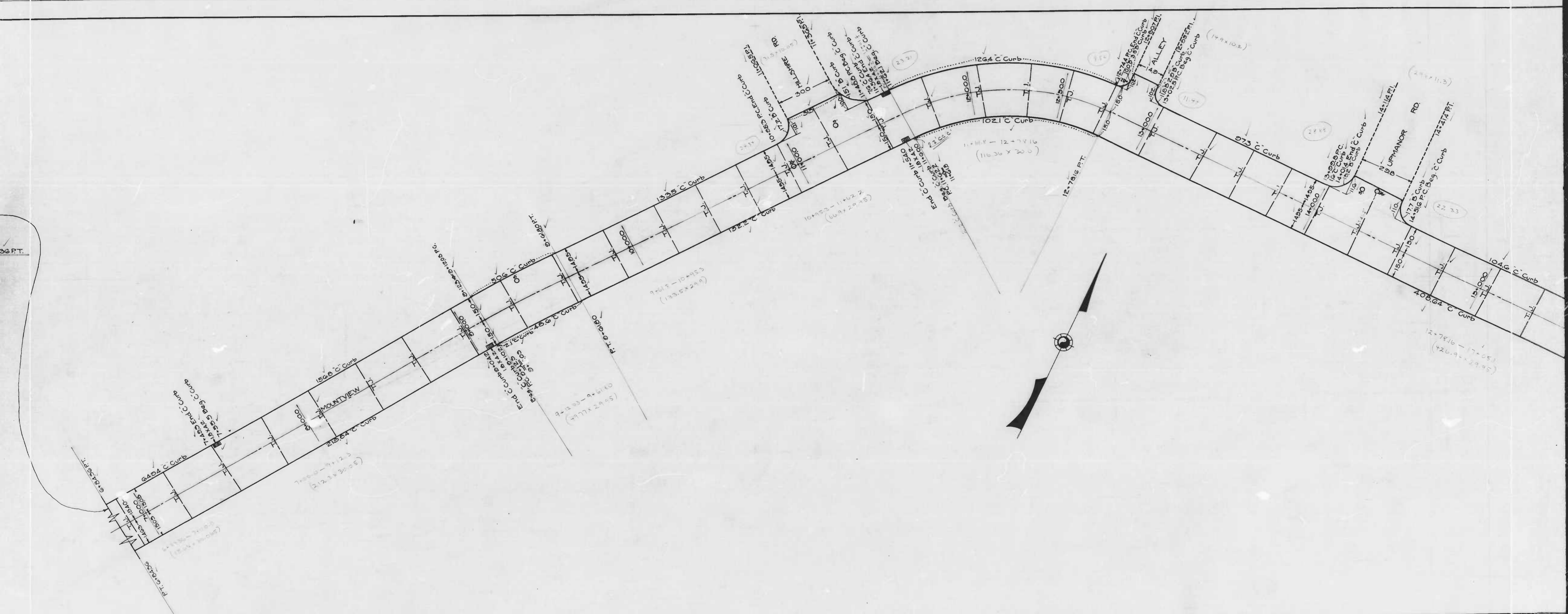


DRAWN BY *John H. Conell*
 EXAMINED BY *D. J. Burns*
 ENGINEER IN CHARGE OF DRAWING

shot

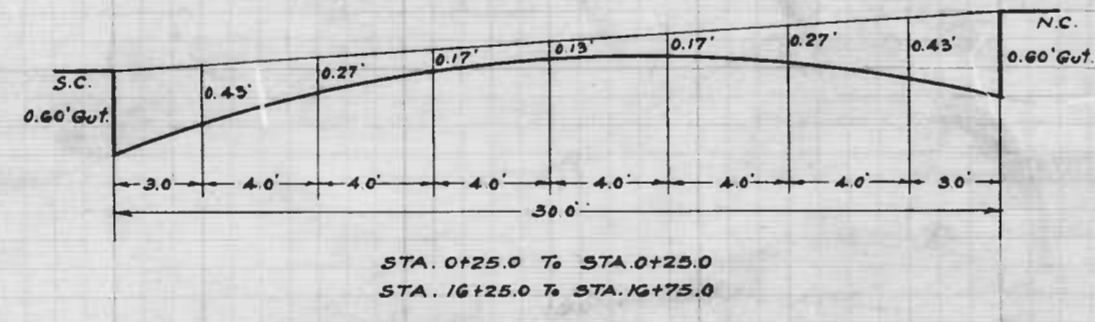
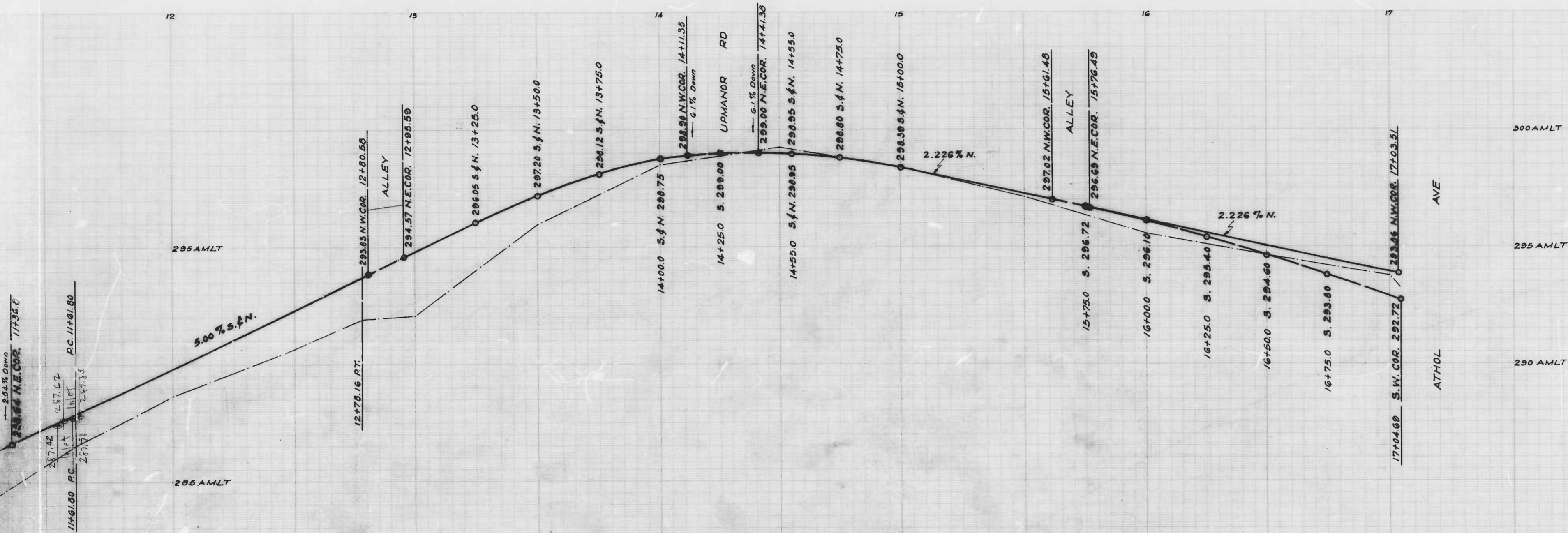


shot 2



0.00 FT.

20



NOTE
 The issuance of this Profile does not
 commit the City to the Acceptance and/or
 improvement of any Thoroughfares shown hereon

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 PROFILE OF
 HILLVALE RD. - PEN LUCY RD. - MOUNTVIEW RD.
 MOUNTVIEW RD. - HILLVALE RD. - ATHOL AVENUE.
 Map 1" = 200' Book No C-833
 Scale: Ver. 1" = 20' Date: May 25, 1947
 CONT No 833

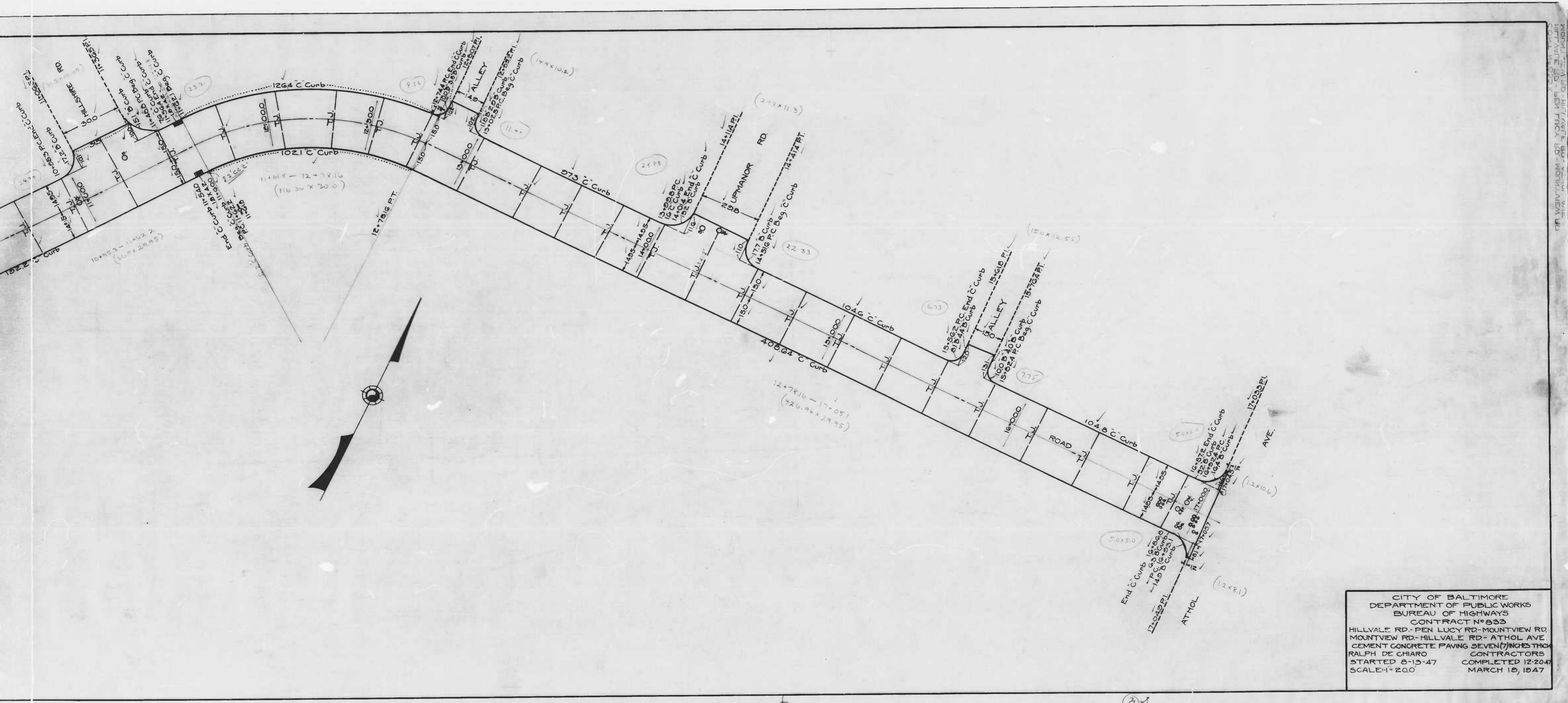
APPROVED
Henry Weisberg
 ASSOCIATE ENGINEER
 APPROVED

APPROVED
W. J. P. [Signature]
 HIGHWAYS ENGINEER
 APPROVED

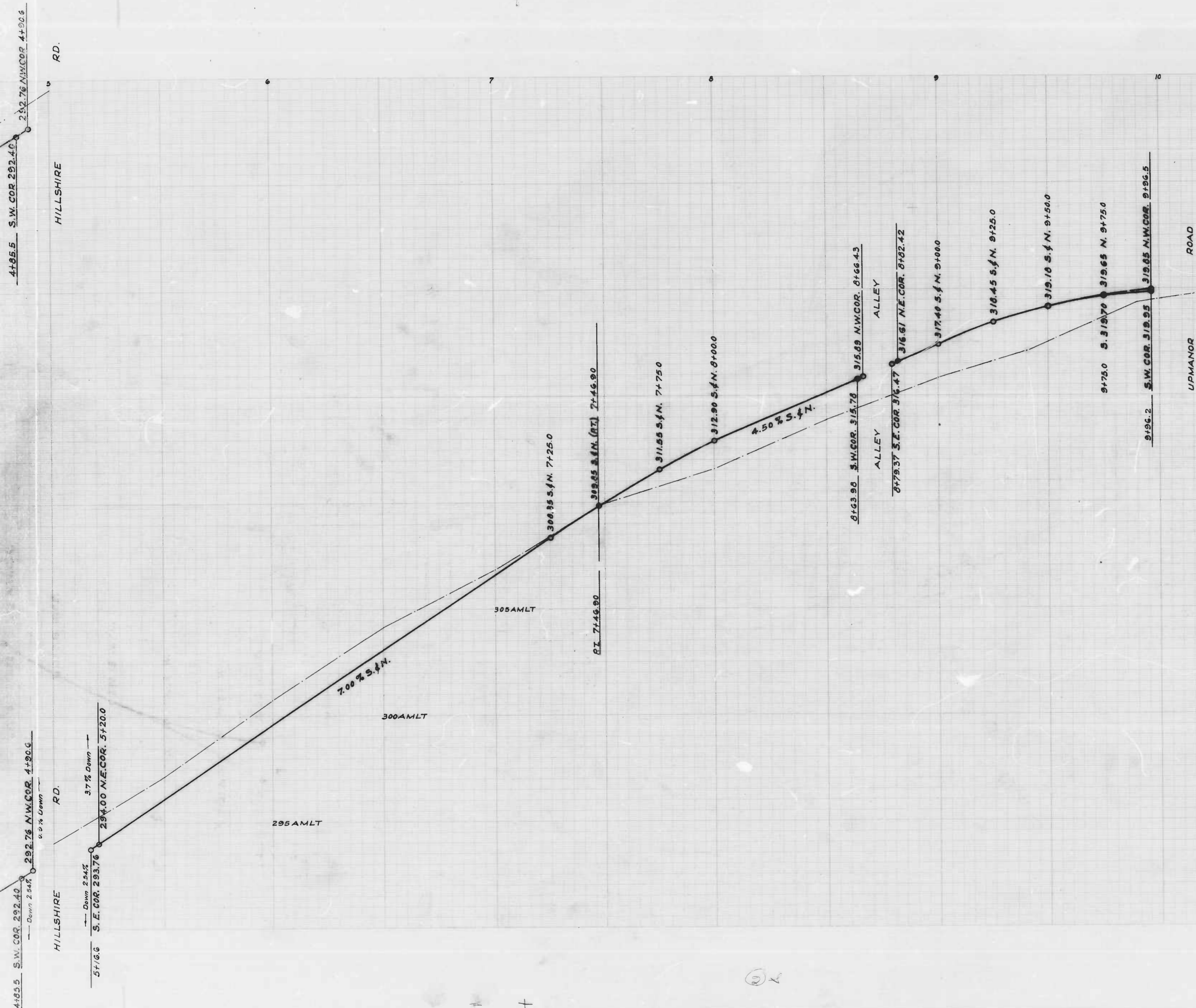
Edward J. [Signature]
 ENGR. OF SURVEYS

Mathew R. [Signature]
 DIRECTOR OF PUBLIC WORKS

shot 3



CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 833
 HILLVALE RD - PEN LUCY RD - MOUNTVIEW RD
 MOUNTVIEW RD - HILLVALE RD - ATHOL AVE
 CEMENT CONCRETE PAVING SEVEN (7) INCHES THICK
 RALPH DE CHIARO CONTRACTORS
 STARTED 8-13-47 COMPLETED 12-20-47
 SCALE 1" = 200' MARCH 10, 1947



"NOTE"
 The issue of this Profile does not commit
 the City to the Acceptance and/or Improvement of
 any Thoroughfares shown herein.

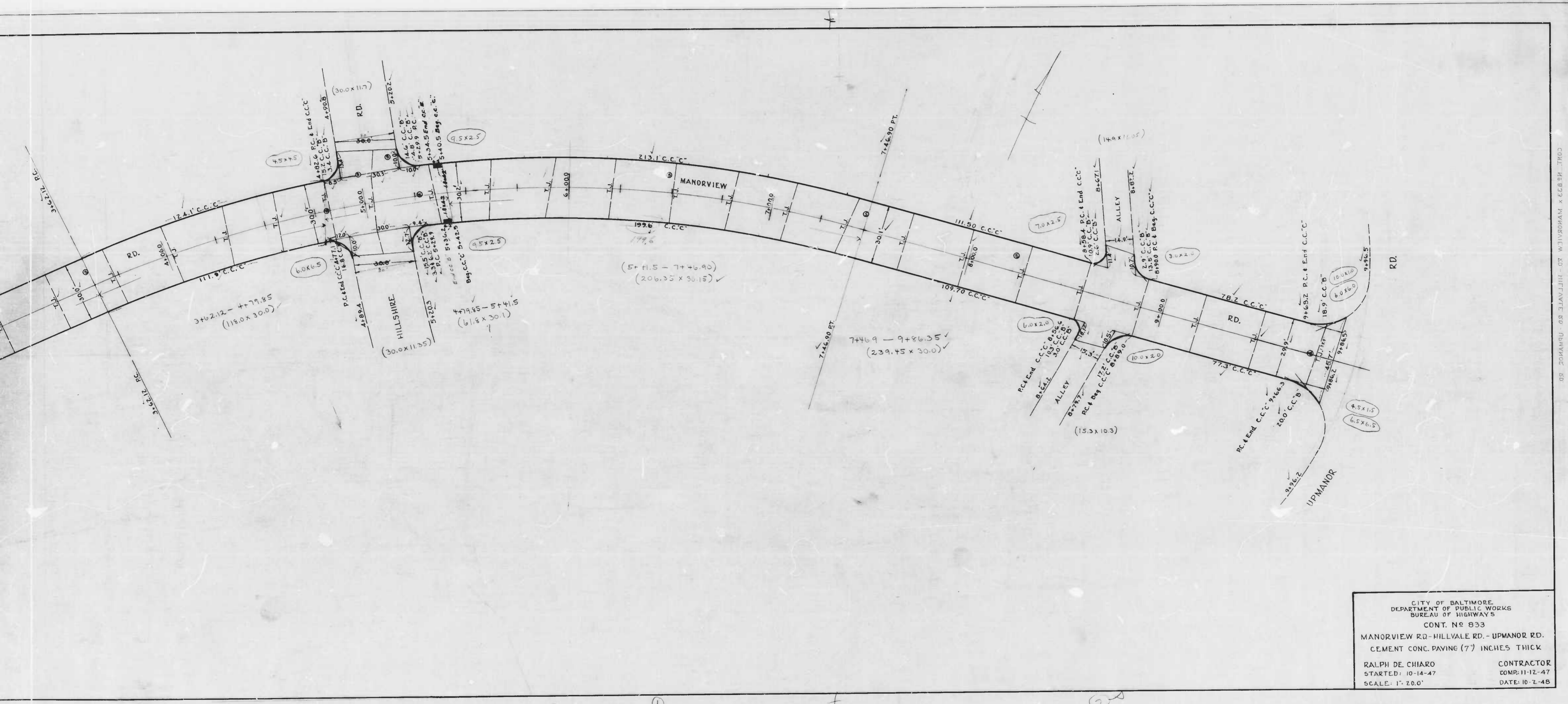
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 PROFILE OF
 MANORVIEW AVE.-HILLVALE RD.-UPMANOR RD.
 Scale: Hor: 1" = 20.0' Book No: C-833
 Ver: 1" = 2.0' Date: June 3, 1947
 CONT. No: 833

APPROVED
Henry Shickler
 ASSOCIATE ENGINEER
 APPROVED

APPROVED
W. J. J. Fisher
 HIGHWAYS ENGINEER
 APPROVED

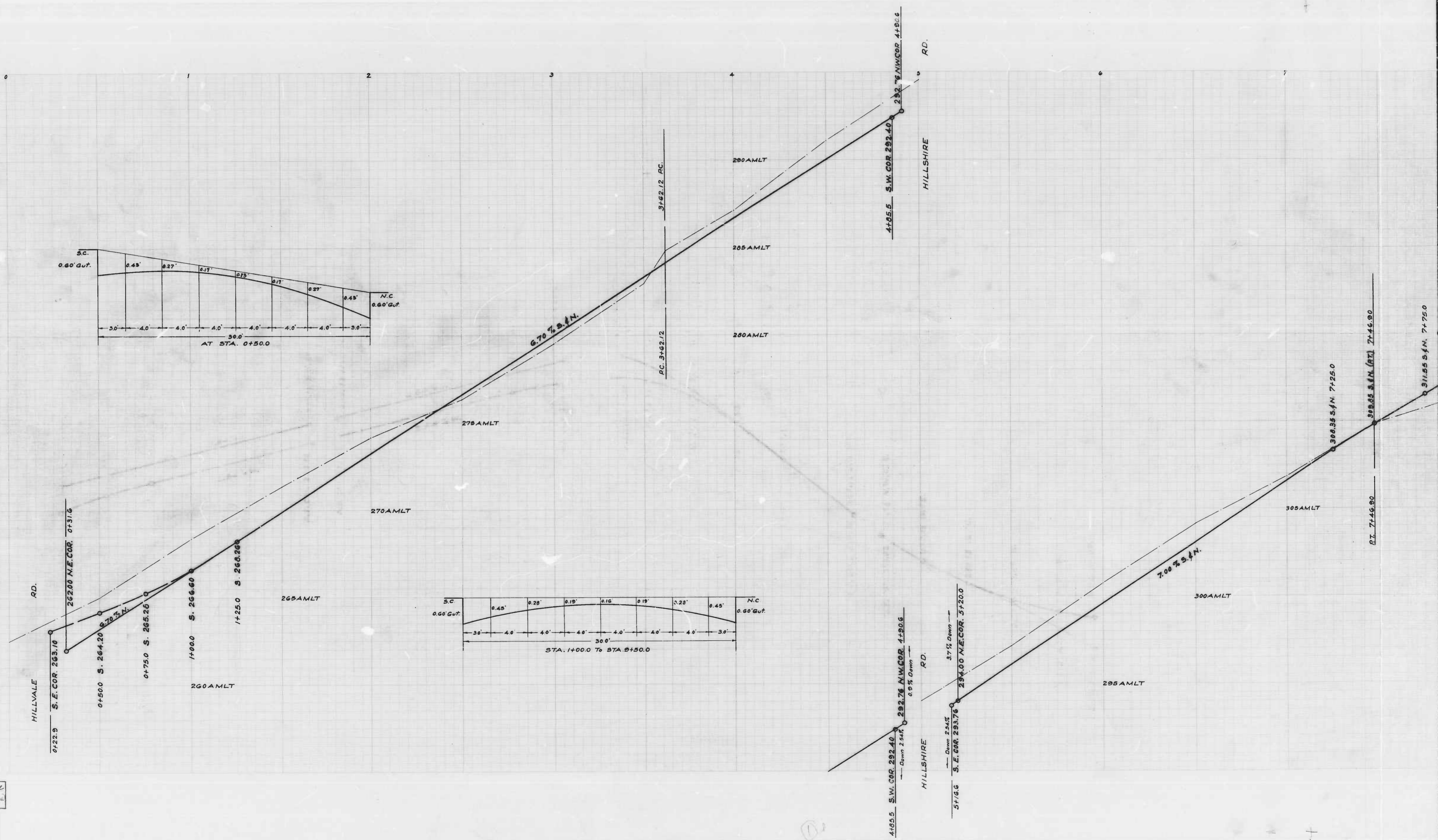
ENGR OF SURVEYS
Arthur R. Smith
 DIRECTOR OF PUBLIC WORKS

MANORVIEW AVE - HILLVALE RD - UPMANOR RD
 PROFILE
 BOOK NO. C-833
 CONT. NO. 833

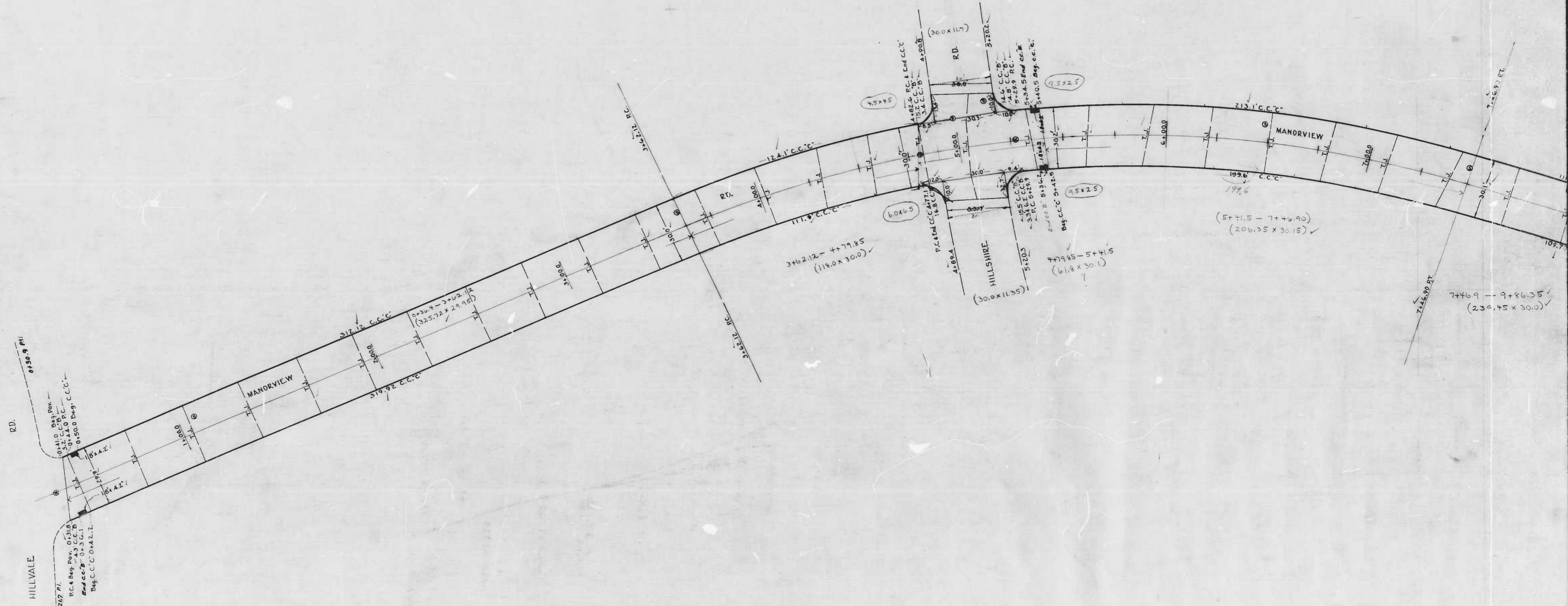


CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONT. NO 833
 MANORVIEW RD - HILLVALE RD. - UPMANOR RD.
 CEMENT CONC. PAVING (7") INCHES THICK
 RALPH DE CHIARO CONTRACTOR
 STARTED: 10-14-47 COMP: 11-12-47
 SCALE: 1" = 20.0' DATE: 10-7-48

COMD. 10-8-48 833 MANORVIEW RD - HILLVALE RD. - UPMANOR RD.



DRAWN BY *John H. Powell*
 ENGINEER BY *John H. Powell*
 ENGINEER IN CHARGE OF DRAFTING



HILLVALE
RD. 6130.9 ft

1/2 0+247 P.I.
P.C.A. Beg. Pav. 0+318
E.C.C. 0+350
Beg. C.C.C. 0+442.1

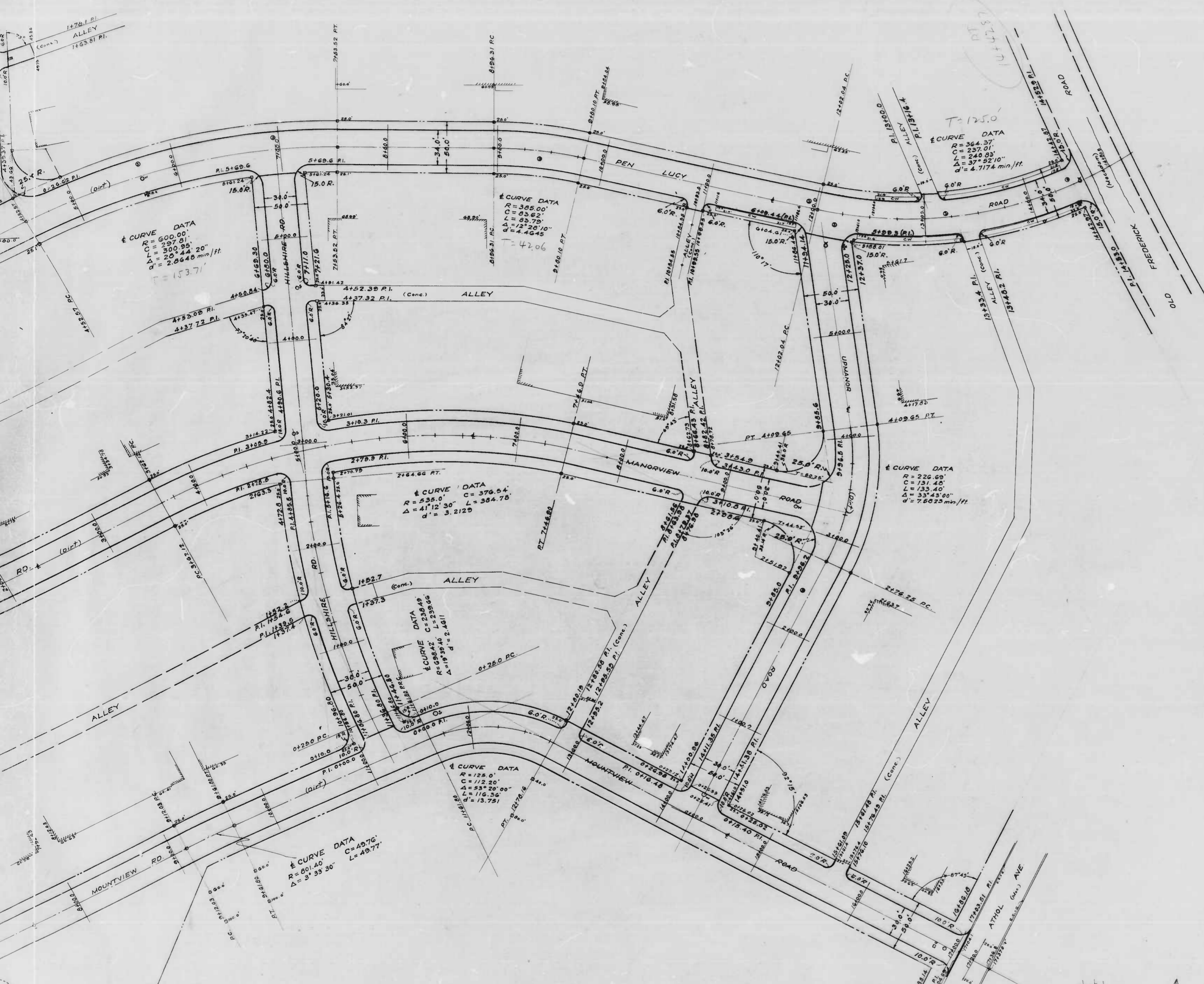
MANORVIEW

HILLSHIRE
(30.0 x 11.35)

MANORVIEW

7+46.9 -- 9+86.35
(236.45 x 30.0)

Drawn by R.J. Winkler
Checked by W.H. Curren



"NOTE"
 The issuance of this Plan does not commit the City to the Acceptance and/or Improvement of any Thoroughfares shown hereon.
 To be Cement Concrete Paving Seven Inches Thick, Soil Stabilization Materials and/or Underdrains are not required.

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS

HILLDENE RD. - PEN LUCY ROAD - 157¹/₂ NORTH
 PEN LUCY RD. - 80¹/₂ W. HILLVALE RD. - OLD FREDERICK RD
 MANORVIEW RD. - HILLVALE ROAD - UPMANOR ROAD
 MOUNTVIEW RD. - HILLVALE ROAD - ATHOL AVENUE
 HILLVALE RD. - PEN LUCY ROAD - MOUNTVIEW RD.
 HILLSHIRE RD. - PEN LUCY ROAD - MOUNTVIEW RD.
 UPMANOR RD. - PEN LUCY ROAD - MOUNTVIEW RD.

Scale: 1" = 40.0' BOOK No. X-252 & C-633 Date: 5-23-47
 CONT. No. 833

APPROVED
Henry Wisberg
 ASSOCIATE ENGINEER

APPROVED
Wm. P. ...
 HIGHWAYS ENGINEER

APPROVED
Edward J. ...
 ENGR. OF SURVEYS

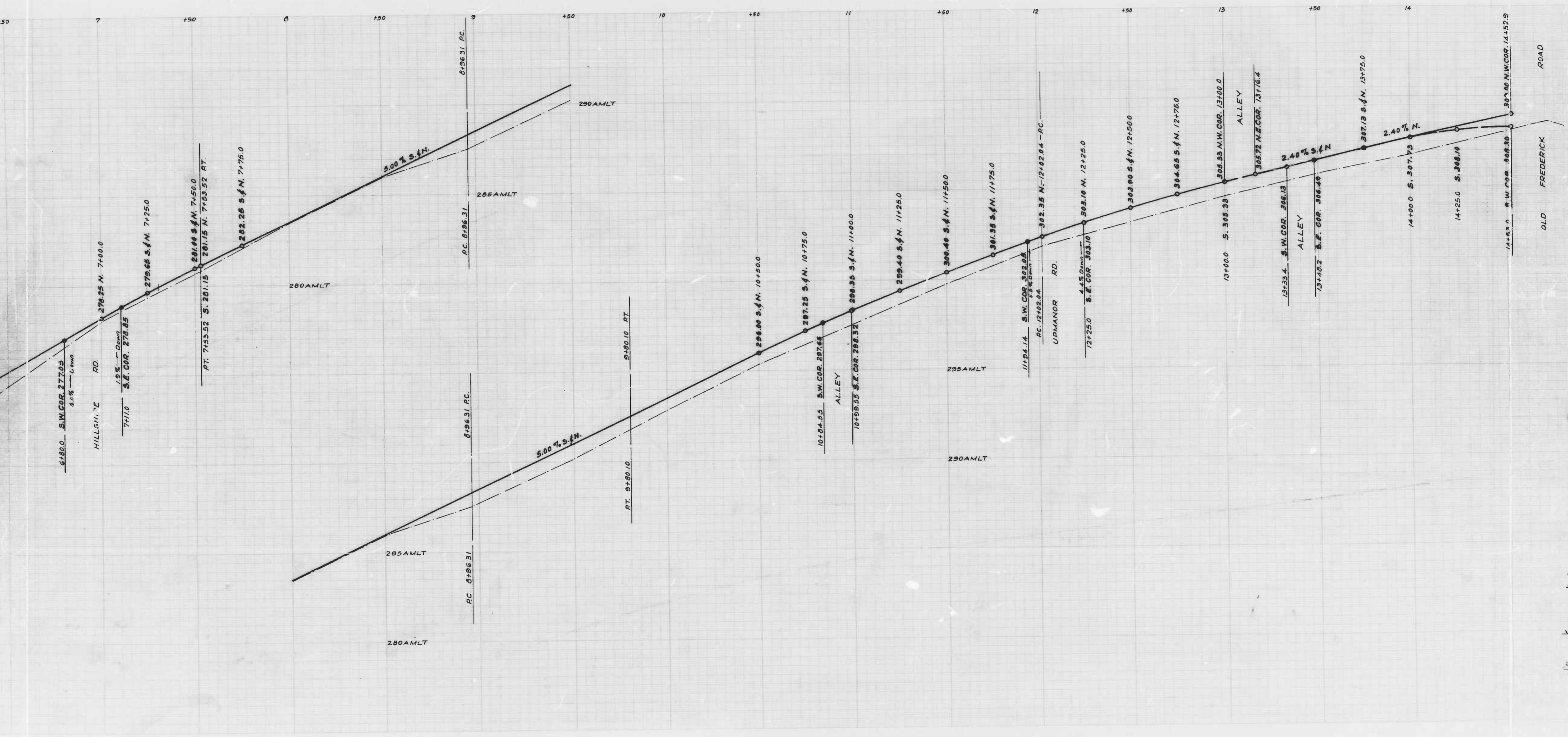
APPROVED
Wm. ...
 DIRECTOR OF PUBLIC WORKS

shot 1

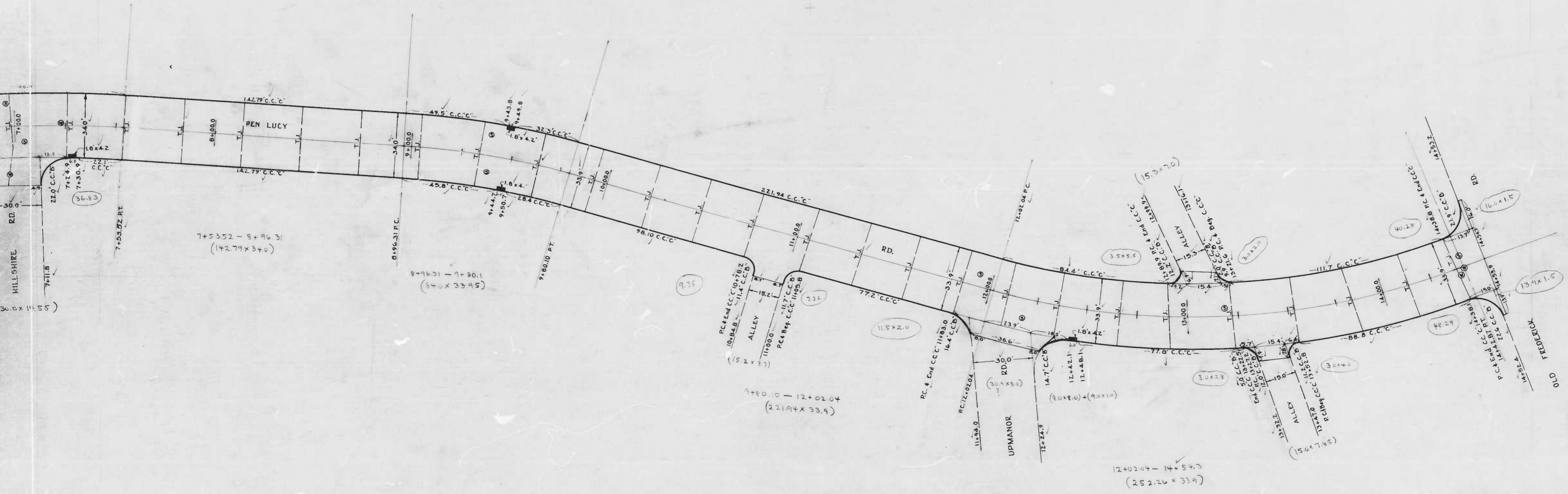
shot 2

833

RATIO 4



shot 2

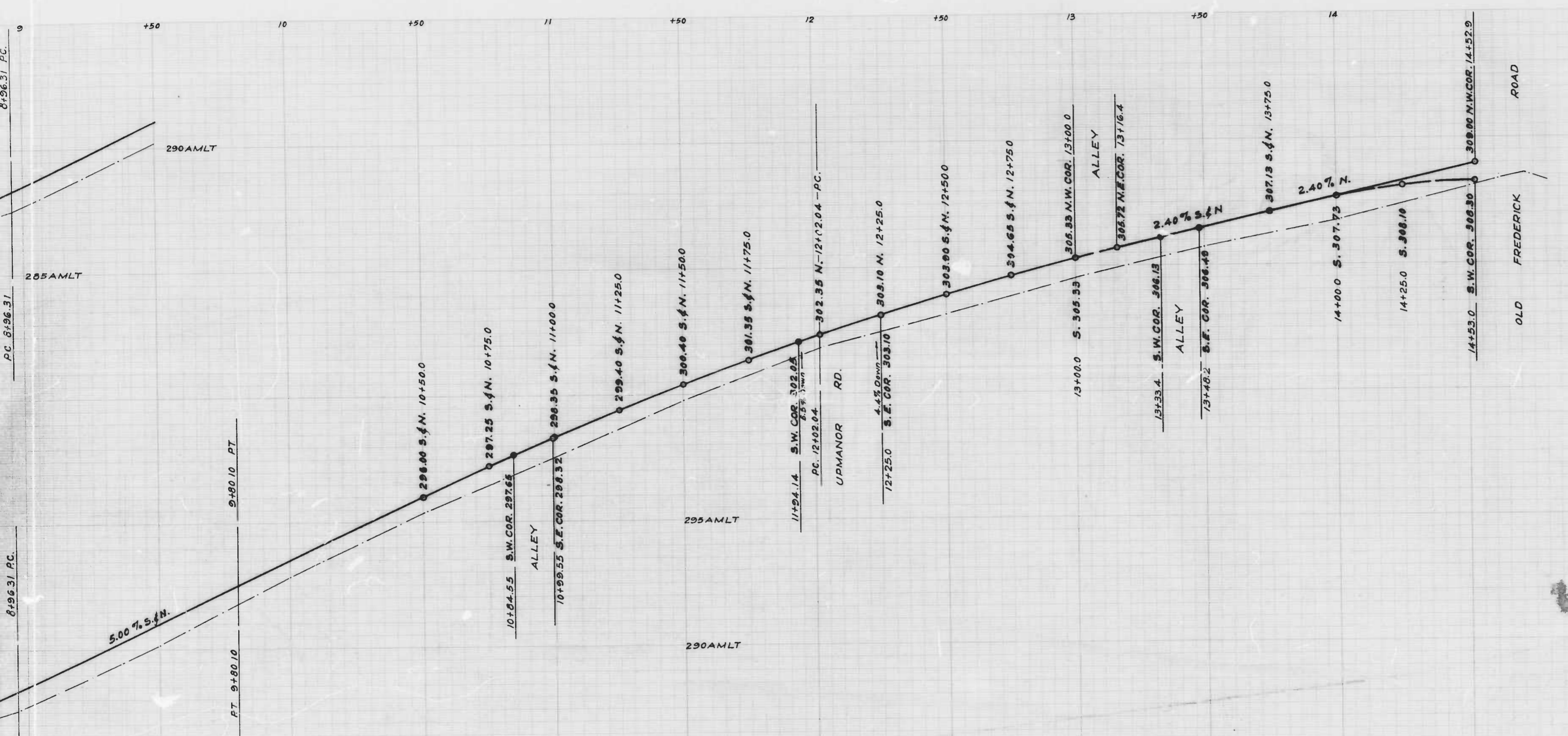


shot 2

shot 3

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONT. NO. 833
 PEN LUCY RD. - 60' W. OF HILLVALE RD. - OLD FRI
 HILL DENE RD. - NBL. PEN LUCY RD. - 1573
 CEMENT CONC. PAVING SEVEN (7") INCHES
 RALPH DECHIARO
 STARTED: 6-9-47
 SCALE: 1" = 20.0'

CON.
 DATE:



"NOTE"
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 commit the City to the Acceptance and/or
 Improvement of any Thoroughfares shown hereon

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 PROFILE OF
 PEN LUCY RD. - 80' W. HILLVALE RD. - OLD FREDERICK RD.
 Scale - HOR: 1" = 20.0' BOOK N^o X-232
 VER: 1" = 2.0' DATE - MAY 23, 1947
 CONT N^o C-833

APPROVED
Henry Weinberg
 ASSOCIATE ENGINEER
 APPROVED

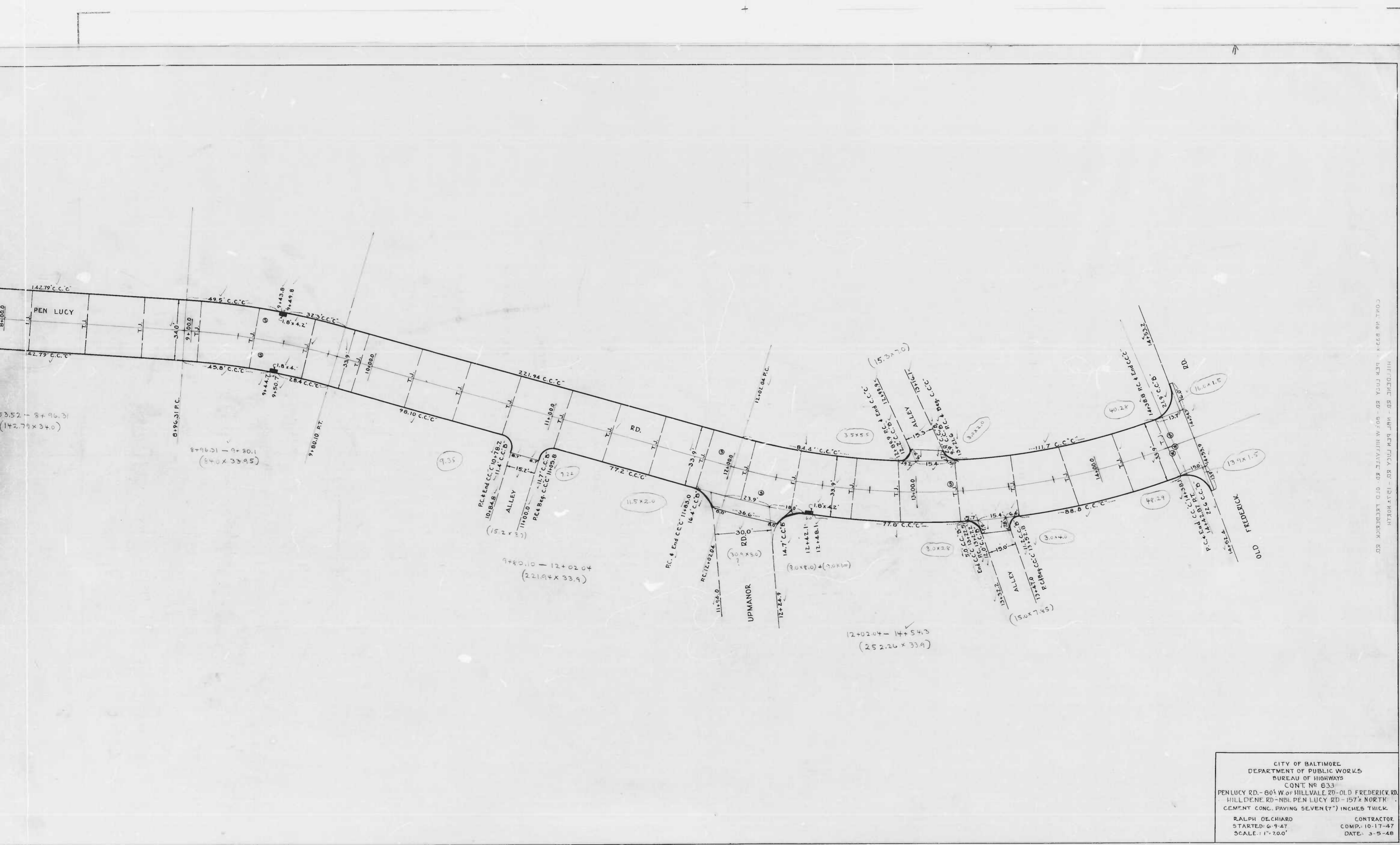
APPROVED
W. J. I. [Signature]
 HIGHWAYS ENGINEER
 APPROVED

Edward J. Haefler, Jr.
 ENGINEER OF SURVEYS

Director R. [Signature]
 DIRECTOR OF PUBLIC WORKS

shot 3

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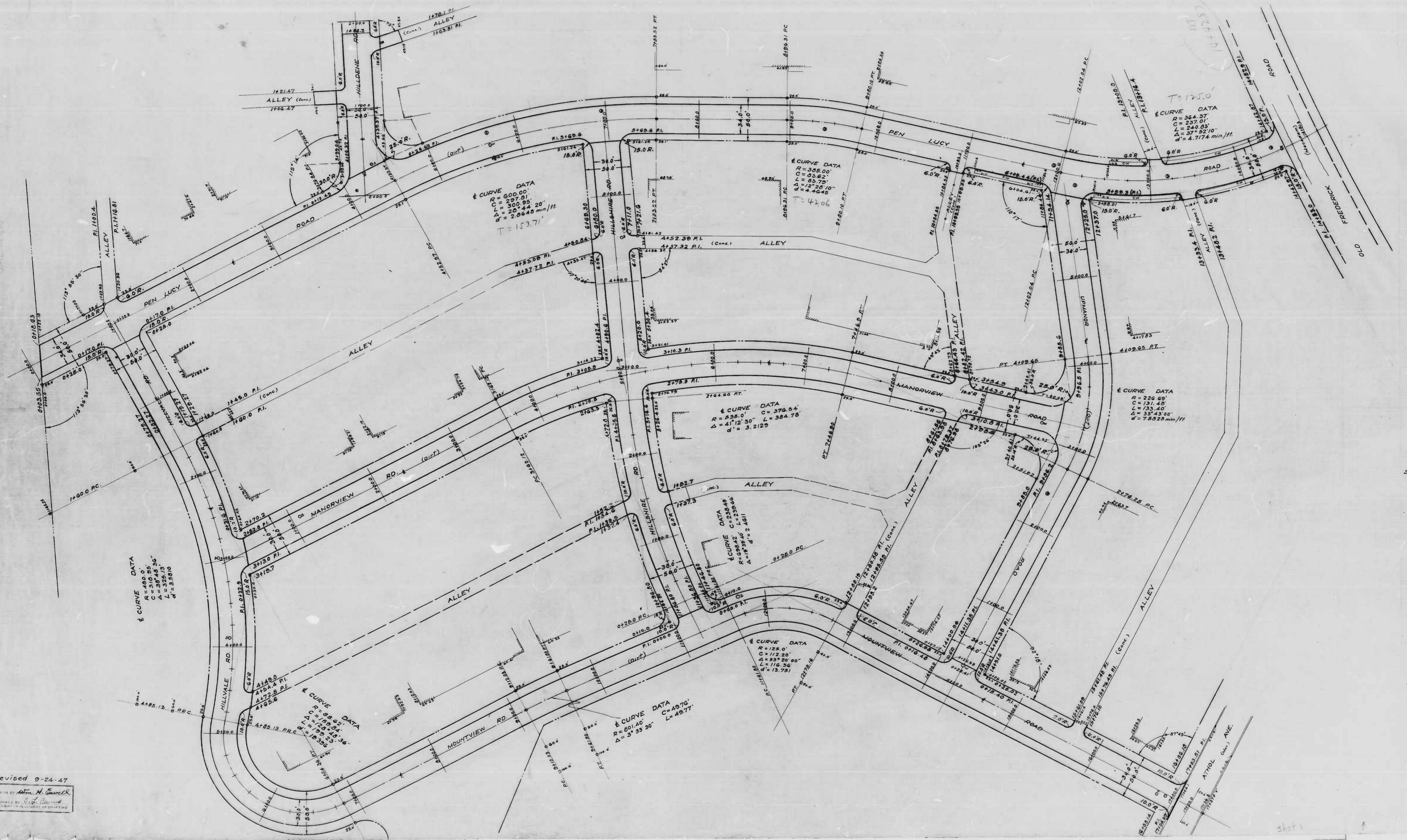


HILLDENE RD - NBL PEN LUCY RD - 157' NORTH
 HILLDENE RD - 60' W. OF HILLVALE RD - OLD FREDERICK RD

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONT. NO. 833
 PEN LUCY RD. - 60' W. OF HILLVALE RD - OLD FREDERICK RD.
 HILLDENE RD - NBL PEN LUCY RD - 157' NORTH
 CEMENT CONC. PAVING SEVEN (7") INCHES THICK
 RALPH DECHIARO CONTRACTOR
 STARTED: 6-9-47 COMP. 10-17-47
 SCALE: 1" = 20.0' DATE: 3-5-48

shot 2

shot 3



& CURVE DATA
 R = 600.00
 C = 297.51
 L = 300.95
 Δ = 20° 44' 20"
 d = 2.0648 min/ft.
 T = 153.71

& CURVE DATA
 R = 385.00
 C = 85.62
 L = 85.78
 Δ = 12° 20' 10"
 d = 4.4645
 T = 42.06

& CURVE DATA
 R = 364.37
 C = 237.01
 L = 240.83
 Δ = 37° 52' 10"
 d = 4.7174 min/ft.

& CURVE DATA
 R = 535.0' C = 376.54
 Δ = 41° 12' 30" L = 384.75
 d = 3.2125

& CURVE DATA
 R = 226.69
 C = 131.45
 L = 133.40
 Δ = 33° 43' 00"
 d = 7.5225 min/ft.

& CURVE DATA
 R = 480.0
 C = 510.48
 L = 328.13
 Δ = 32° 55' 00"

& CURVE DATA
 R = 898.0
 C = 129.94
 L = 129.94
 Δ = 129.94
 d = 1.8336

& CURVE DATA
 R = 601.40
 C = 49.76
 L = 49.76
 Δ = 3° 35' 30"

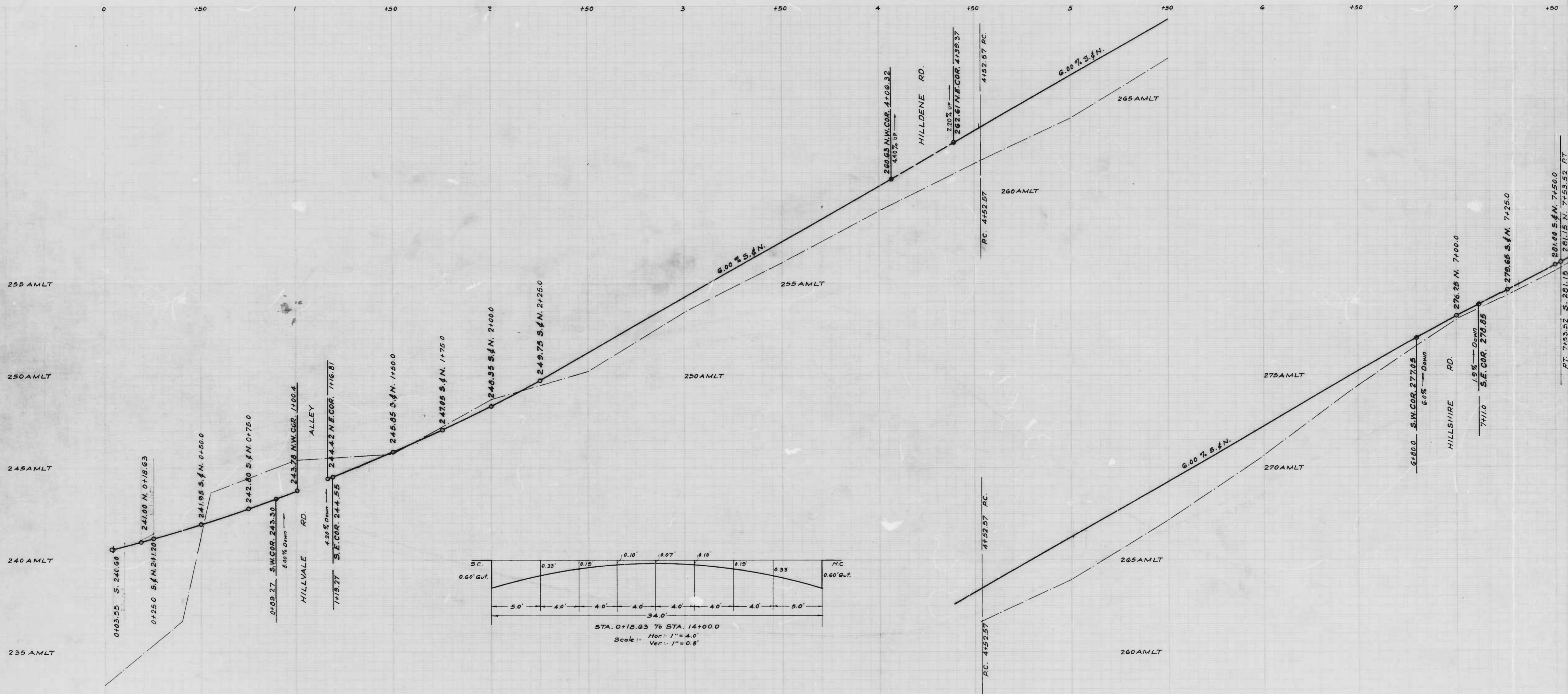
& CURVE DATA
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 C = 112.20
 L = 112.20
 Δ = 53° 20' 00"
 d = 116.36
 T = 15.751

The Issuance
 of this City to the Acco-
 mpany Through Forces
 To be Comert
 Soil Stabilization Me

DE
 HILLDENE RD.
 PEN LUCY RD.
 MANORVIEW RD.
 MOUNTVIEW RD.
 HILLSHIRE RD.
 UPMANOR RD.
 Scale 1" = 40.0'

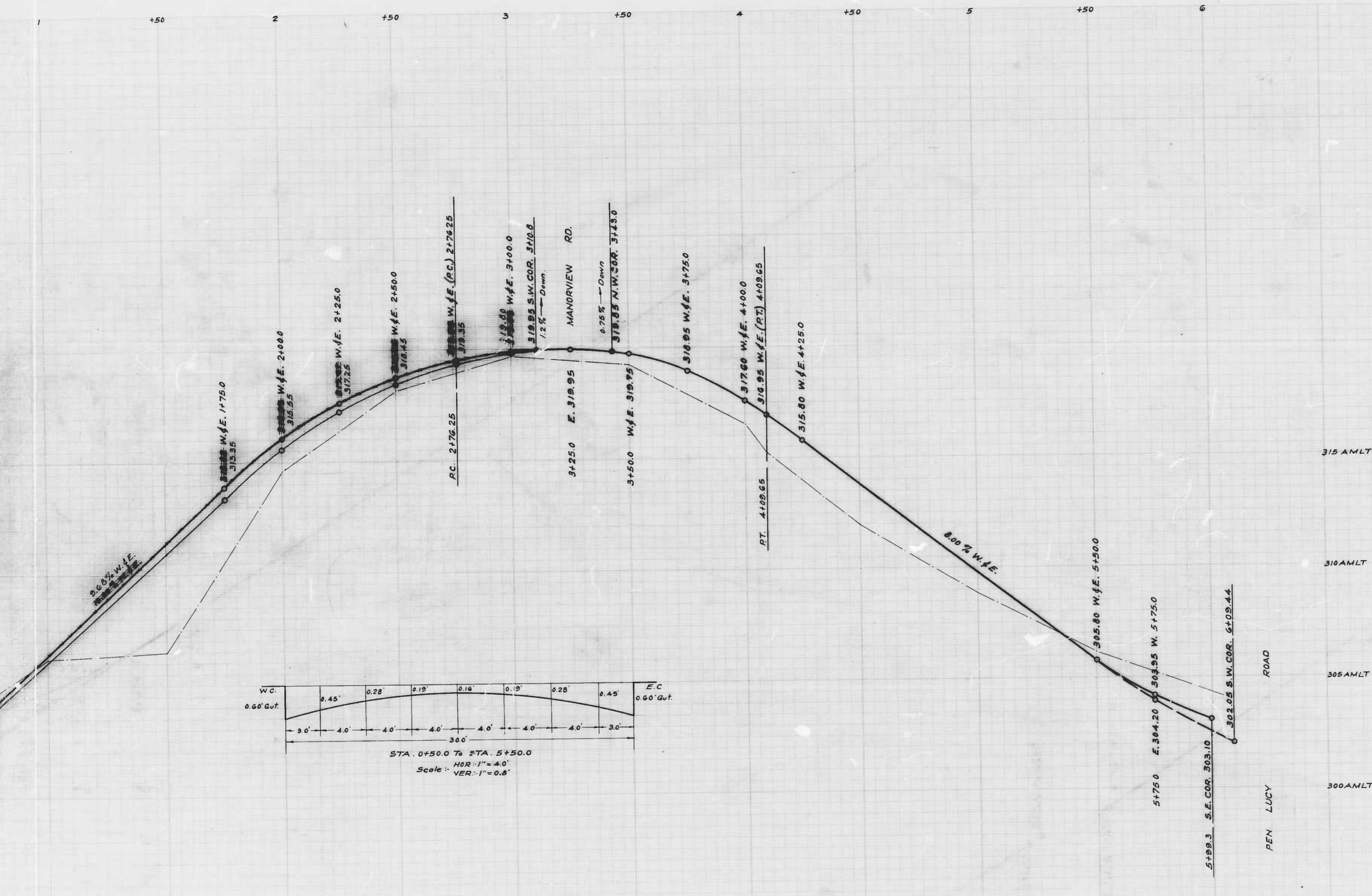
APPROVED
 Associate ENR
 APPROVED
 ENGR. OF SURV

Revised 9-24-47
 DRAWN BY
 EXAMINED BY
 ENGINEER IN CHARGE OF DRAFTING



DRAWN BY: *Wm. H. Evers*
 EXAMINED BY: *John J. ...*
 ENGINEER IN CHARGE OF DRAWING

Sheet 1



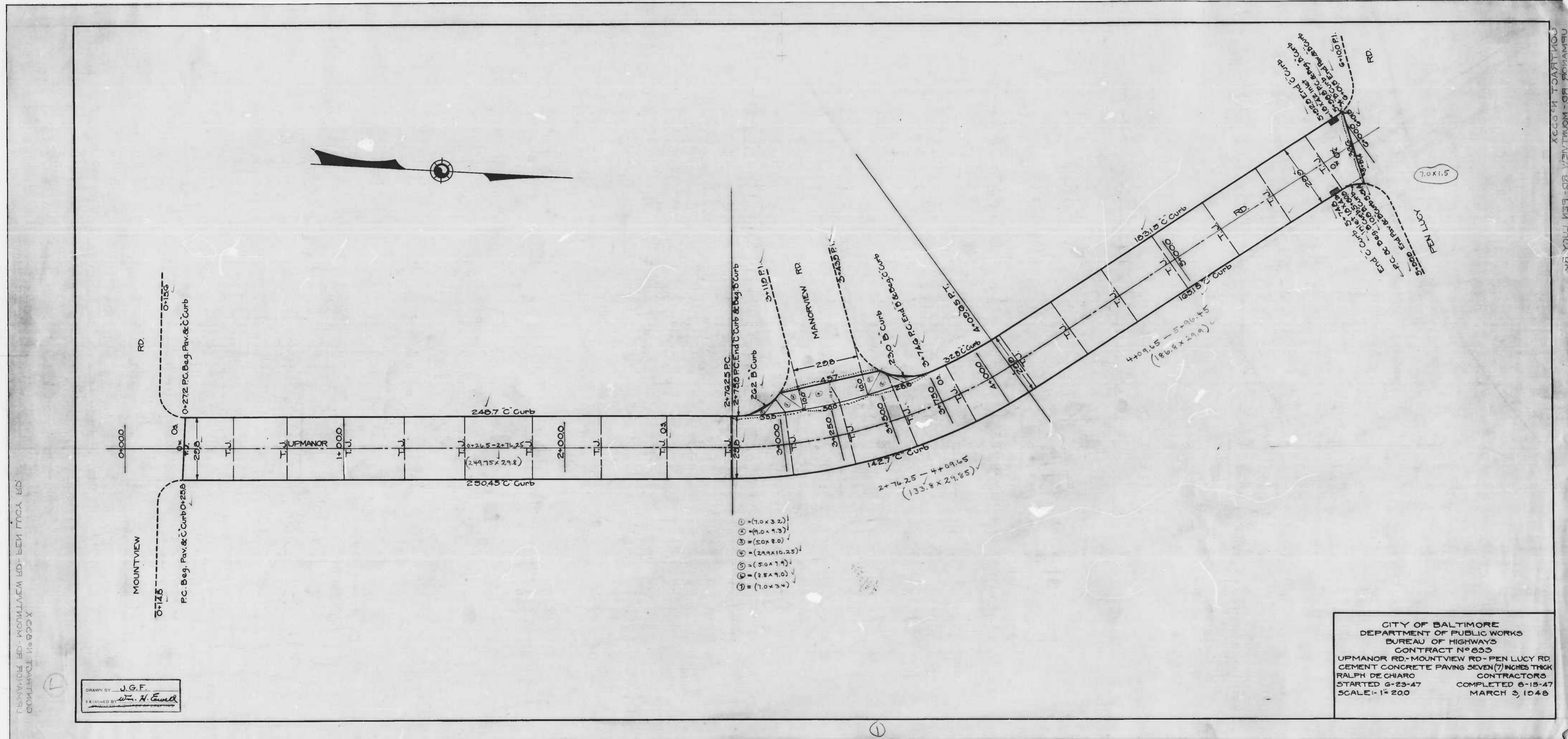
NOTE
 The issuance of this Profile does not
 commit the City to the Acceptance and/or
 Improvement of any Thoroughfares shown herein

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 PROFILE OF
 UPMANOR RD. - MOUNTVIEW RD. - PEN LUCY RD.
 Scale: - HOR. 1" = 20.0' BOOK N° X-232
 VER. 1" = 2.0' Date: - MAY 24, 1947.
 CONT. N° 833

APPROVED APPROVED
Wm. H. ... *W. J. ...*
 ASSOCIATE ENGINEER HIGHWAYS ENGINEER
 APPROVED APPROVED

Edward J. Hedeman *Stephen R. ...*
 ENGINEER OF SURVEYS DIRECTOR OF PUBLIC WORKS

PEN LUCY ROAD - MOUNTVIEW RD. - UPMANOR RD.
 BALTIMORE, MARYLAND
 COMPLAN. 833

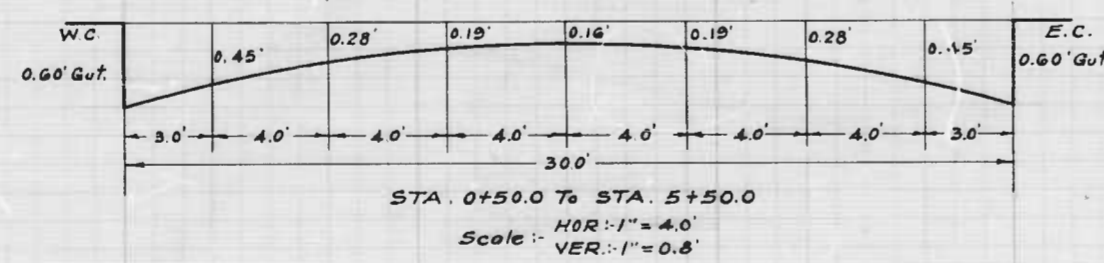
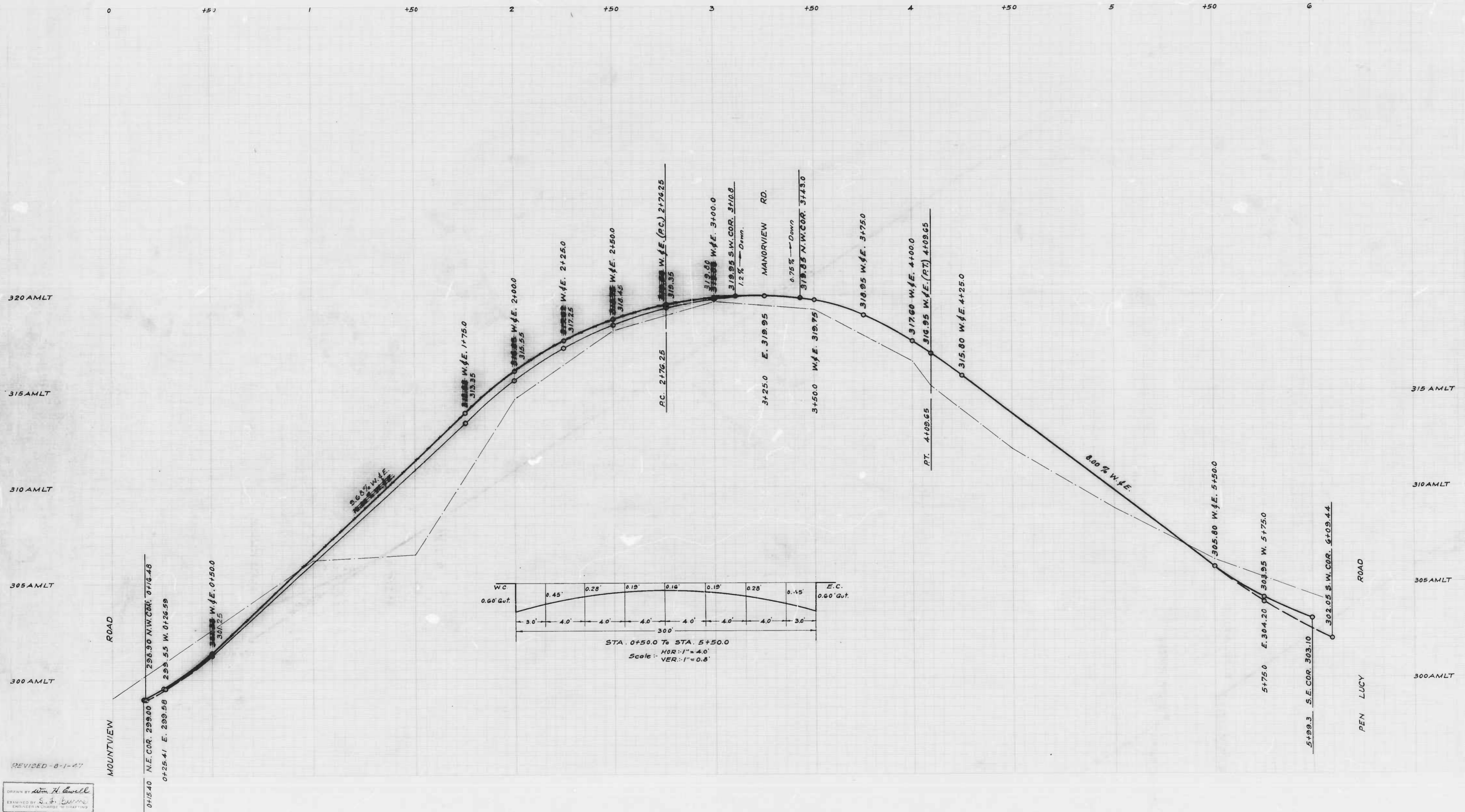


DRAWN BY J.G.F.
 CHECKED BY W. H. Ewell

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 833
 UPMANOR RD - MOUNTVIEW RD - FEN LUCY RD
 CEMENT CONCRETE PAVING SEVEN (7) INCHES THICK
 RALPH DE CHARO CONTRACTORS
 STARTED 6-23-47 COMPLETED 6-15-47
 SCALE: 1" = 200' MARCH 3, 1948

UPMANOR RD - MOUNTVIEW RD - FEN LUCY RD
 CONTRACT NO. 833

UPMANOR RD - MOUNTVIEW RD - FEN LUCY RD
 CONTRACT NO. 833



REVISED - 8-1-47

DRAWN BY *Wm. H. Cowell*
 ENGINEER BY *S. J. Burns*
 ENGINEER IN CHARGE

The Issuer
 certifies that the City
 Improvement of

CITY OF
 DEPARTMENT
 BUREAU
 PRO
 UPMANOR RD. - MOUNT
 Scale: - HOR: 1" = 20'
 VER: 1" = 2.0'
 CON

APPROVED
Edward J. Hasler
 ASSOCIATE ENGINEER
 APPROVED
Edward J. Hasler
 ENGINEER OF SURVEY