

OCT 9 1965  
GROUND PHOTOGRAPH

OTTAWA CO. RD. 135  
OTTAWA COUNTY

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
FEDERAL AID SECONDARY SYSTEM  
COUNTY ROAD NO. 135  
(BAYSHORE ROAD)  
OTTAWA COUNTY, DANBURY TWP, OHIO

CONVENTIONAL SIGNS

COUNTY LINE	_____
TOWNSHIP LINE	_____
SECTION LINE	_____
CORPORATION LINE	_____
FENCE LINE	_____
CENTER LINE	_____
POLE LINE (TELEPHONE & POWER)	_____
RAILROAD	_____
GUARD RAIL (EXISTING & PROPOSED)	_____
PROPERTY LINE	_____
RIGHT OF WAY	_____

INDEX OF SHEETS

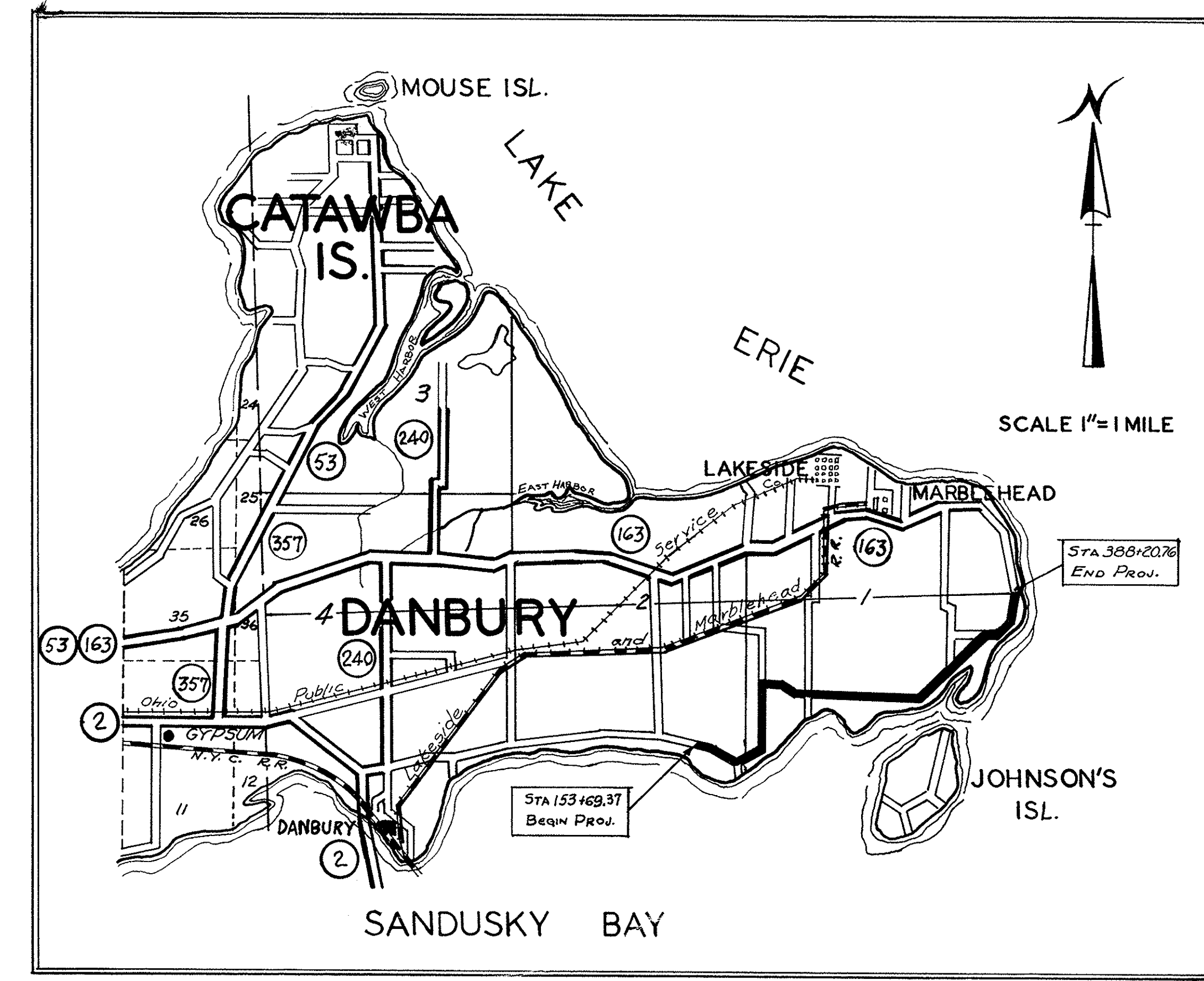
TITLE SHEET	PAGE 1
TYPICAL SECTIONS	PAGE 2
COMPUTATIONS & GENERAL SUMMARY	PAGE 2
PLAN & PROFILE	PAGE 3-6

LINE DATA

BEGIN PROJECT & WORK STA. 153+69.37  
END PROJECT & WORK STA. 388+20.76  
7 STATION EQUATIONS ÷ DEDUCT 246.24 LIN. FT.  
NET LENGTH OF PROJECT AND WORK 23,205.15 L.F.T. OR 4.394 MI.

SCALES

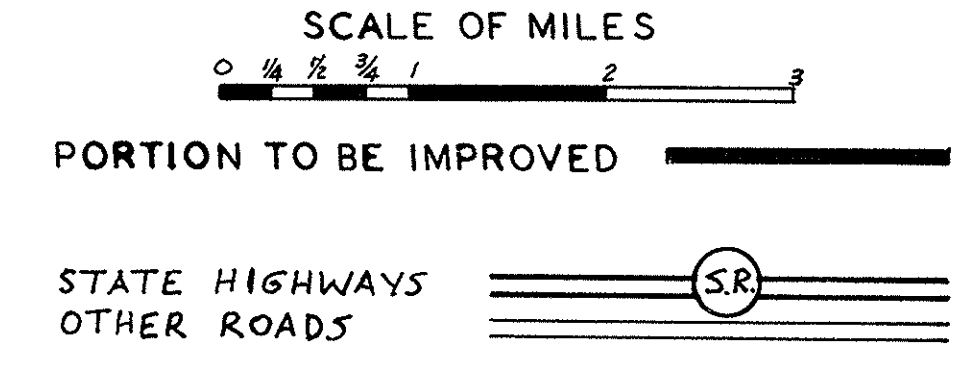
PLAN	1" = 100'
PROFILE HORIZ.	1" = 100'
PROFILE VERT.	1" = 10'



DELIVERY POINT - DANBURY

AVERAGE LENGTH OF HAUL ~ 5 MILES

LOCATION PLAN



THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF HIGHWAYS, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

WE, THE COMMISSIONERS OF OTTAWA COUNTY HEREBY APPROVE THESE PLANS AND CERTIFY THAT THE NECESSARY RIGHT OF WAY IS AVAILABLE.  
APPROVED \_\_\_\_\_  
DATE 12/18/61 BOARD OF COUNTY COMMISSIONERS

I, HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF THE HIGHWAY TO TRAFFIC AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED DATE 12-18-61 COUNTY ENGINEER  
APPROVED DATE 3-15-62 DIVISION DEPUTY DIRECTOR  
APPROVED DATE 5-2-62 DEPUTY DIRECTOR OF PLANNING & PROGRAMMING  
APPROVED DATE 4-27-62 ENGINEER OF LOCATION AND DESIGN  
APPROVED DATE 4-27-62 DEPUTY DIRECTOR OF DESIGN & CONSTRUCTION  
APPROVED DATE 5-2-62 FIRST ASSISTANT DIRECTOR  
APPROVED DATE 5-2-62 DIRECTOR OF HIGHWAYS

RICHARD E. MUTZ  
CONSULTING ENGINEER  
NORWALK, OHIO

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS			
G-7.07	6-1-56	FACI-1	12-27-61
I-1	11-15-60	FACI-2	12-27-61
T-35	1-2-56		
DR-1	1-3-55		

SUPPLEMENTAL SPECIFICATIONS	
I-128	7-31-59
I-129 Rev.	4-5-61
M-107.18 Rev.	4-3-61
M-109.28 Rev.	8-12-59

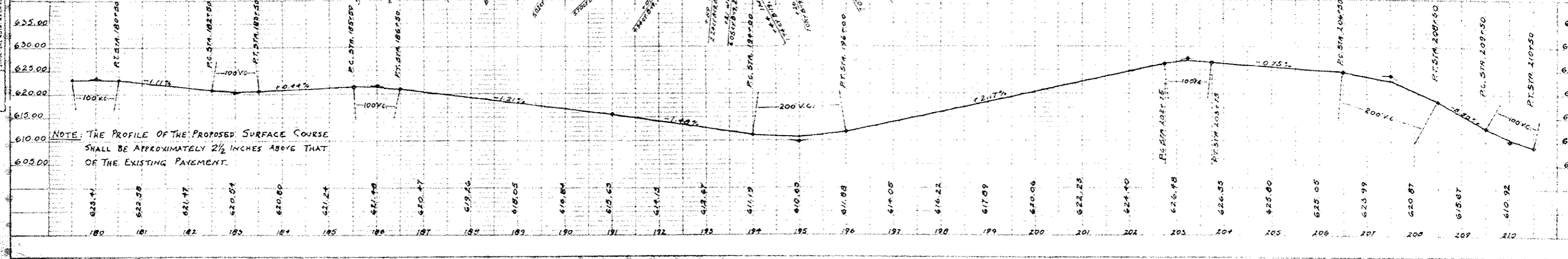
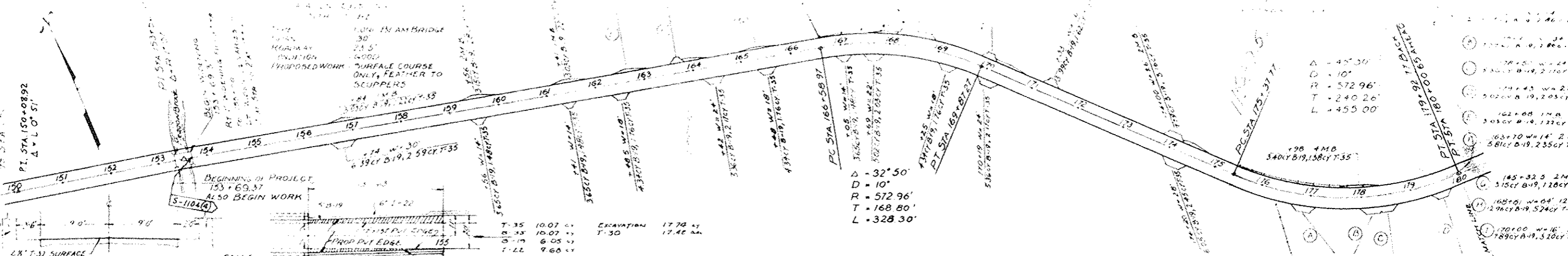
FILE NO. \_\_\_\_\_  
OTTAWA COUNTY ROAD 135  
DATE OF LETTING \_\_\_\_\_  
CONTRACT NO. \_\_\_\_\_

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
DIVISION ENGINEER DATE \_\_\_\_\_

NOTE: MARKER WILL BE FURNISHED AND ERECTED ON THE RIGHT BY STATE OFFICE PRIOR TO ACCEPTANCE OF THIS IMPROVEMENT.

NOTE: HORIZONTAL ALIGNMENT IS TANGENT FOR 1000' WITH PT. STA. 150+08.92  $\Delta = L 0' 51"$



NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE SHALL BE APPROXIMATELY 2 1/2 INCHES ABOVE THAT OF THE EXISTING PAVEMENT.

REVISIONS

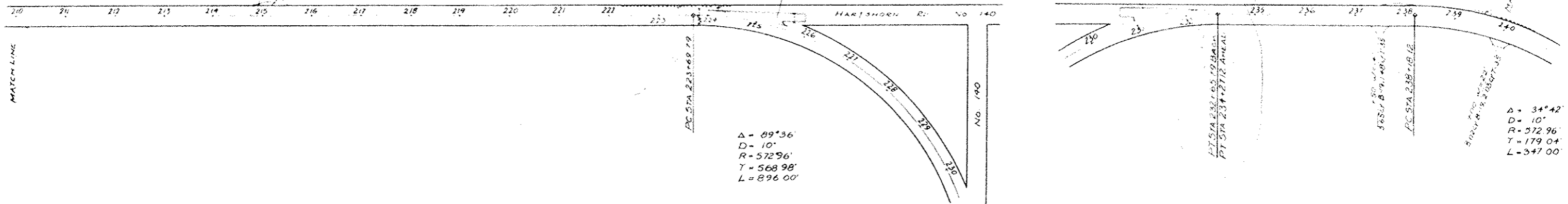
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

$\Delta = 4^\circ 30'$   
 $D = 10'$   
 $R = 572.96'$   
 $T = 240.26'$   
 $L = 455.00'$

$\Delta = 32^\circ 50'$   
 $D = 10'$   
 $R = 572.96'$   
 $T = 168.80'$   
 $L = 328.30'$

$\Delta = 5^\circ 59'$   
 $D = 8'$   
 $R = 716.20'$   
 $T = 57.43'$   
 $L = 74.79'$

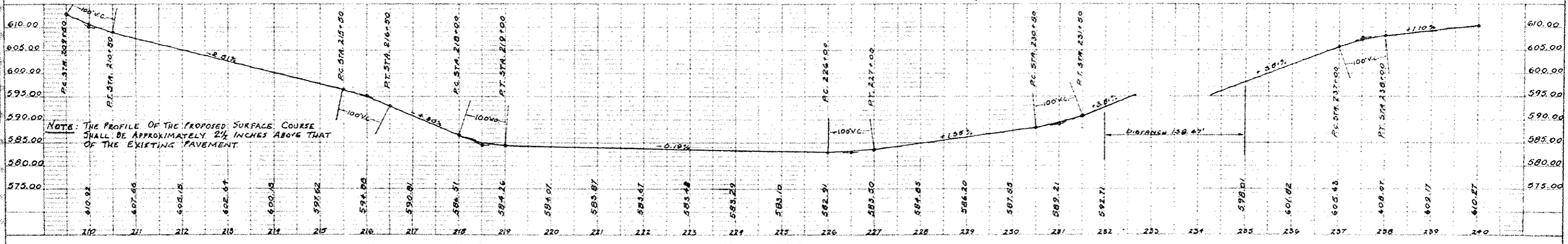
$\Delta = 62^\circ 18'$   
 $D = 14^\circ 50'$   
 $R = 386.20'$   
 $T = 233.45'$   
 $L = 420.00'$



$\Delta = 89^{\circ}36'$   
 $D = 10'$   
 $R = 572.96'$   
 $T = 568.98'$   
 $L = 896.00'$

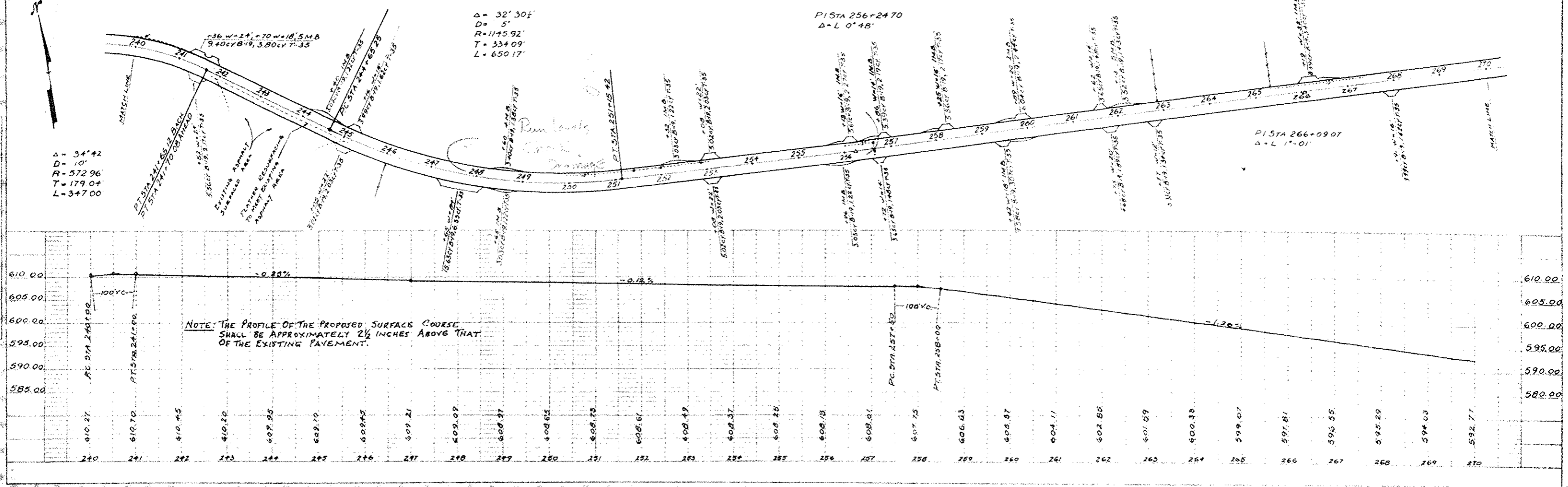
$\Delta = 34^{\circ}42'$   
 $D = 10'$   
 $R = 572.96'$   
 $T = 179.04'$   
 $L = 347.00'$

PLAN  
 NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE SHALL BE APPROXIMATELY 2 1/2 INCHES ABOVE THAT OF THE EXISTING PAVEMENT.



NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE SHALL BE APPROXIMATELY 2 1/2 INCHES ABOVE THAT OF THE EXISTING PAVEMENT.

PROFILE  
 NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE SHALL BE APPROXIMATELY 2 1/2 INCHES ABOVE THAT OF THE EXISTING PAVEMENT.



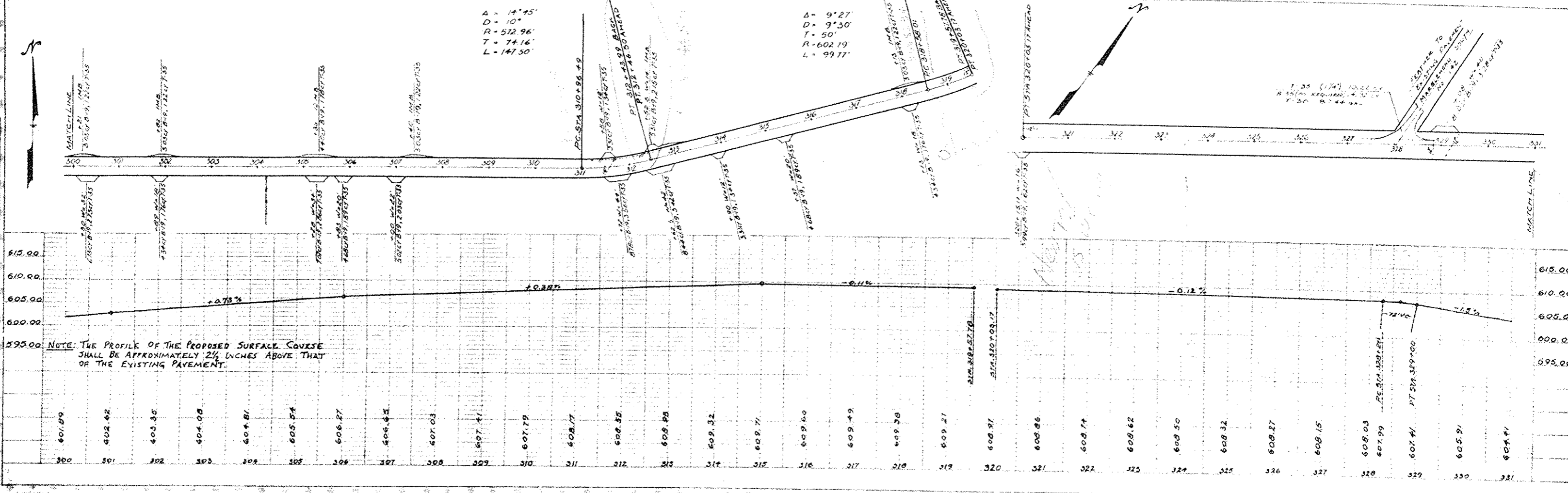
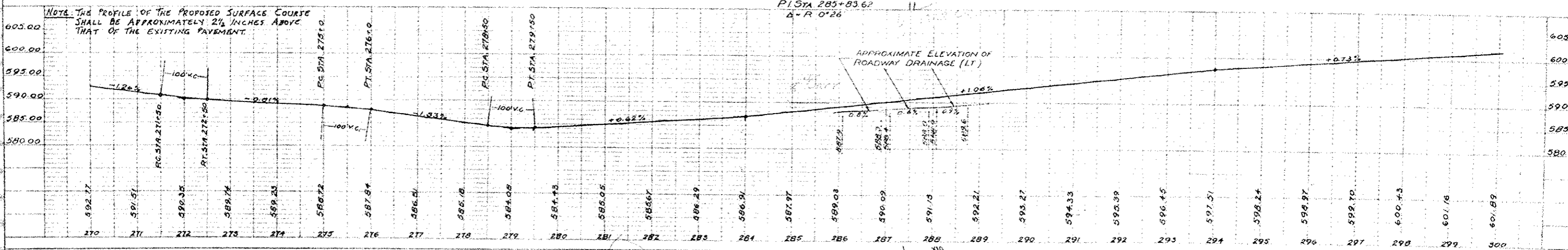
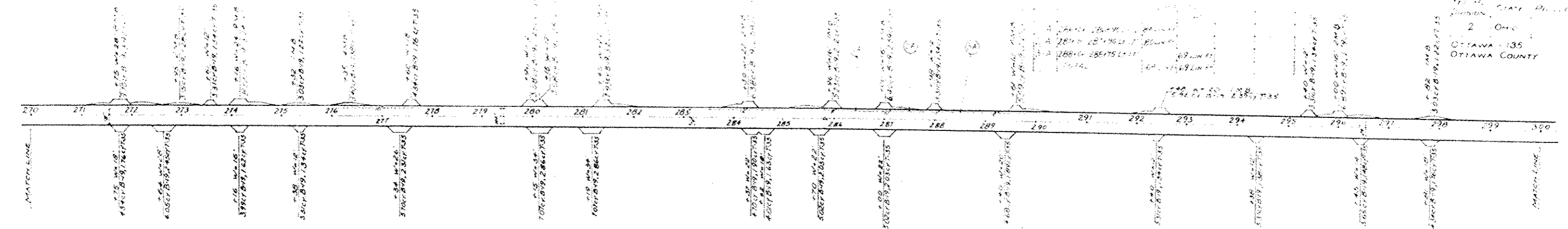
$\Delta = 32^{\circ}30'$   
 $D = 5'$   
 $R = 1115.92'$   
 $T = 334.09'$   
 $L = 650.17'$

PI STA 256+24.70  
 $\Delta = L = 0^{\circ}48'$

PI STA 266+09.07  
 $\Delta = L = 1^{\circ}01'$

$\Delta = 34^{\circ}42'$   
 $D = 10'$   
 $R = 572.96'$   
 $T = 179.04'$   
 $L = 347.00'$

NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE SHALL BE APPROXIMATELY 2 1/2 INCHES ABOVE THAT OF THE EXISTING PAVEMENT.



PLAN

DATE	NO.	REVISION

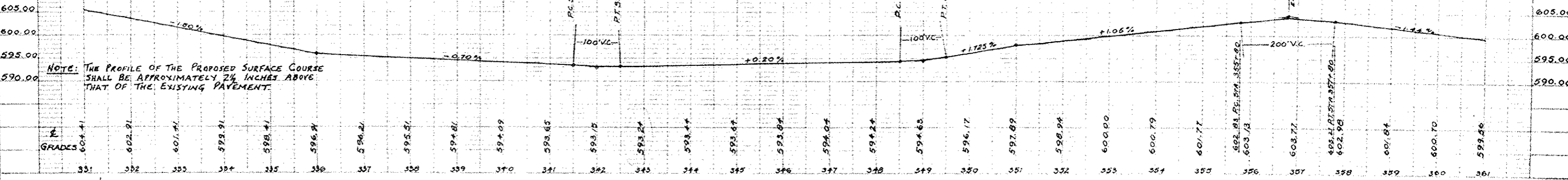
PROFILE

DATE	NO.	REVISION

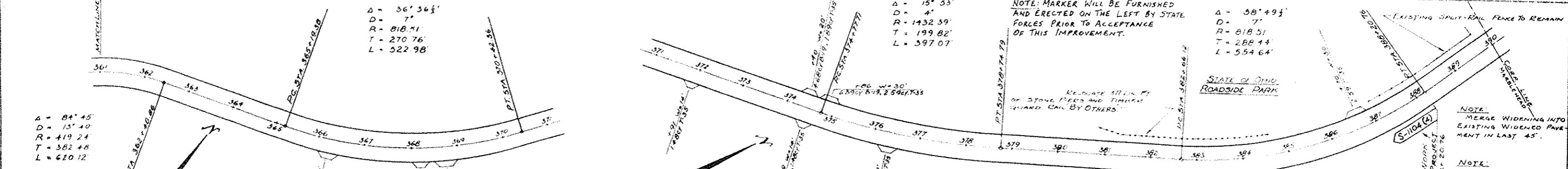
331 332 333 334 335 336 337 338 339 340



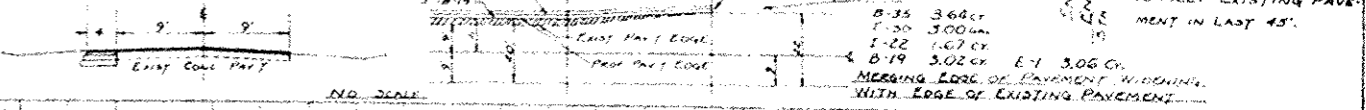
GRADES SHOWN ARE FOR INSIDE OF CURVES  
 AT PAVEMENT EDGE



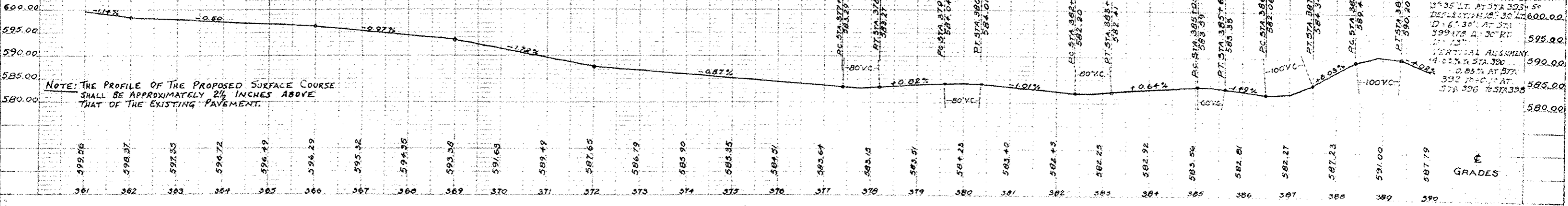
STATION	GRADES
331	604.41
332	602.91
333	601.41
334	599.91
335	598.41
336	596.91
337	594.21
338	595.51
339	594.81
340	594.09
341	593.85
342	593.75
343	593.24
344	593.44
345	593.44
346	593.84
347	594.04
348	594.24
349	594.68
350	596.17
351	597.89
352	598.94
353	600.00
354	600.79
355	601.77
356	602.83
357	603.77
358	602.98
359	601.84
360	600.70
361	599.56



TYPICAL SECTION ADJOINING PAVEMENT



GRADES SHOWN ARE FOR INSIDE OF CURVES  
 AT PAVEMENT EDGE



NOTE: THE PROFILE OF THE PROPOSED SURFACE COURSE  
 SHALL BE APPROXIMATELY 2 1/4 INCHES ABOVE  
 THAT OF THE EXISTING PAVEMENT.

STATION	GRADES
361	599.56
362	598.37
363	597.35
364	596.72
365	596.49
366	596.29
367	595.32
368	594.85
369	593.98
370	591.63
371	589.49
372	587.65
373	586.79
374	585.90
375	585.35
376	584.51
377	583.64
378	583.13
379	583.51
380	584.23
381	583.49
382	582.43
383	582.23
384	582.92
385	583.26
386	582.81
387	582.27
388	587.23
389	591.00
390	587.79

NOTE: HORIZONTAL  
 ALIGNMENT TANGENT TO  
 STA 390+00 WITH DEFLECTION  
 15°35' AT STA 323+50  
 DEFLECTION 10°30' AT 600.00  
 D=6°30' AT STA  
 399+78 Δ=36°R  
 11°13'  
 VERTICAL ALIGNMENT  
 4.2% AT STA 390  
 0.85% AT STA  
 392 10-0.1% AT  
 STA 396 TO STA 398