

ROADWAY DRAINAGE									
Item	From Sta.	To Sta.	Pipe Size	Pipe Material	Pipe Spacing	Pipe Under	Pipe Under	Pipe Under	Remarks
1-RD	243+00	246+36	12"	R	20'	20'	20'	20'	Deduct 48" for Y's
2-RD	246+36	253+09	12"	R	20'	20'	20'	20'	" 28" for Y's
3-RD	253+09	257+59	12"	R	20'	20'	20'	20'	" 14" for Y's
4-RD	257+59	260+00	12"	R	20'	20'	20'	20'	
Totals									

ROADWAY DRAINAGE (PAVEMENT DRAINS)									
Item	Station	Side	Drain	Drain	Drain	Drain	Drain	Drain	Remarks
1-PD	246+20	R	1"	1"	1"	1"	1"	1"	
2-PD	246+25	L	1"	1"	1"	1"	1"	1"	
3-PD	252+00	L	1"	1"	1"	1"	1"	1"	
4-PD	252+00	R	1"	1"	1"	1"	1"	1"	
5-PD	257+00	L	1"	1"	1"	1"	1"	1"	
6-PD	257+00	R	1"	1"	1"	1"	1"	1"	
Total									

TREES TO BE PROTECTED									
STATION	SIDE	DIST.	SIZE and KIND	RIPRAP	GEAR	GEAR	GEAR	GEAR	GEAR
246+36	Rt	32'	30 Maple						
247+18	Rt	33'	30 Maple						
247+37	Rt	34'	16 Maple						
247+53	Rt	34'	20 Maple						
247+79	Rt	35'	16 Maple						
TOTAL									

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	1(4)	1938

MUSKINGUM COUNTY
S.H. No. 1 SEC. R(P)

PIPE UNDERDRAINS*									
Item	From Sta.	To Sta.	Pipe Size	Pipe Material	Pipe Spacing	Pipe Under	Pipe Under	Pipe Under	Remarks
1-U	246+00	252+80	12"	R	20'	20'	20'	20'	
2-U	252+80	257+24	12"	R	20'	20'	20'	20'	
3-U	257+24	259+79	12"	R	20'	20'	20'	20'	
Totals									

* See sheet 167 for explanation of A, B & C dimensions.
Equation - Station 243+00 of F.A.P. 1 2nd. Re. equals Station 243+00 of F.A.P. 1(4)

WEARING COURSE REMOVAL									
Item	From Station	To Station	Sq. Yds.	Ave. Width	Remarks	Remarks	Remarks	Remarks	Remarks
1-WC	243+00	260+00	3261	17.26					
Totals									

DRIVES AND APPROACHES									
Item	Station	Side	12" Pipe	Remove	12" Pipe	Remove	12" Pipe	Remove	Remarks
1-A	244+04	R	28'	12" x 16' Corr.	4				
2-A	244+79	L			4				
3-A	246+37	L			7				
4-A	246+63	R			6				
5-A	248+60	R	28'	12" x 16' Corr.	6				
6-A	256+00	L	28'	10" x 16' Corr.	4				
7-A	257+31	L	28'	8" x 16' Corr.	4				
Totals									

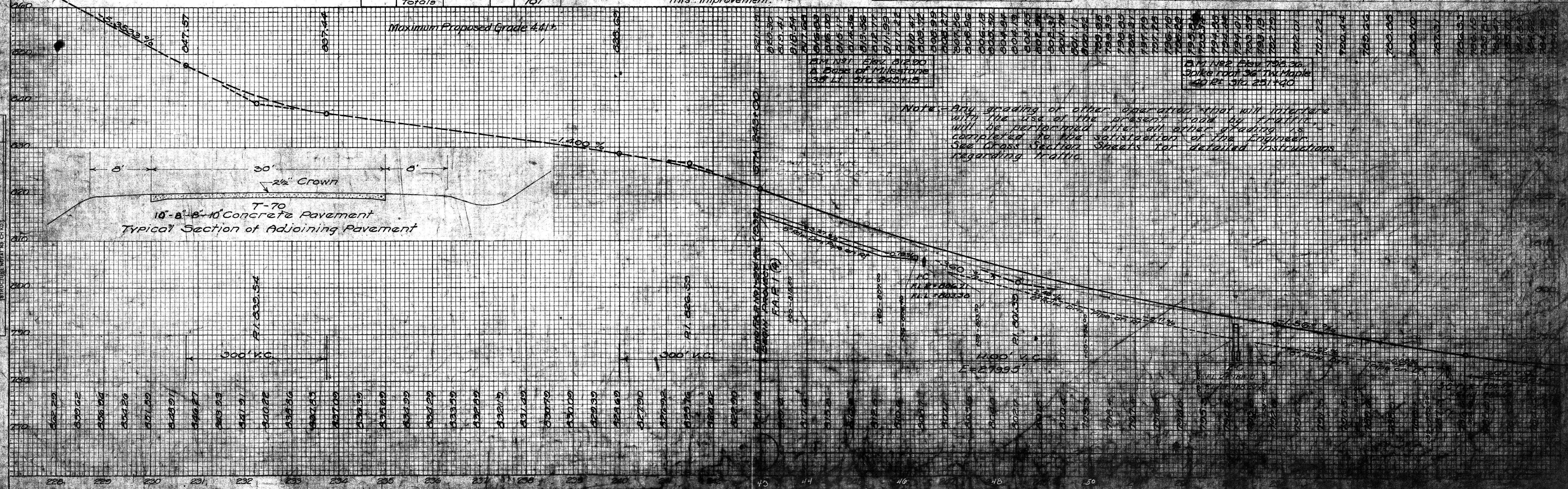
PI = 235+37.00
Δ = 10°43' R+
D = 2°00' R+
T = 268.71
L = 535.83
Ex = 2864.79

GUARD RAIL REMOVAL									
Item	From Station	To Station	Side	Lin. Ft.	Remarks	Remarks	Remarks	Remarks	Remarks
1-GRR	243+00	244+01	L	101					
Totals									

Sta 243+00 Marker to be furnished and erected by the State of Ohio, on the right, before acceptance of this improvement.

GUTTERS ON SLOPES & DITCHES									
Item	Station	Side	Lin. Ft.	Remarks	Remarks	Remarks	Remarks	Remarks	Remarks
1-GS	245+75	R	8						
Totals									

STRUCTURES - 20 FT. SPAN AND UNDER									
No	Station	Type	Present Size	Length	Type	Proposed Size	Length	Sheet No.	Remarks
1-C	246+48	C.I. P.	15"	36'	Pipe	15"	Ext. 12' R, 24' L	164	
2-C	253+08	Slab Top	10' x 4'	36'	Slab Top	10' x 4'	Ext. 7' R, 7' L	164	
3-C	257+64	15" Pipe	15"	44'	Pipe	15"	Ext. 12' R, 10' L	164	



Note - Any grading or other operation that will interfere with the use of the present road by traffic, will be performed after all other grading is completed to the satisfaction of the Engineer. See Cross Section Sheets for detailed instructions regarding traffic.