



**DEFLECTION ANGLES
 TRANSITION T.S. SIGHT-ON-POINT NUMBER**

- 0°-00'-36"
- 0°-02'-36"
- 0°-05'-36"
- 0°-10'-00"
- 0°-15'-36"
- 0°-22'-36"
- 0°-30'-36"
- 0°-40'-00"
- 0°-50'-36"
- 1°-02'-36"

SPIRAL DATA

L.S. = 250'
 T.S. = 257'-11.97"
 L.C. = 166.63'
 S.C. = 83.32'
 L.C. = 249.97'

B.M. Spike in S.E. Side of N.E. Black Walnut of 4 Trees S.W. of Andrews Dwelling. 150'± Left of Sta. 255+00 Elevation 784.451

CURVE DATA

Δ = 28°-45'-42"
 D_s = 2°-30"
 Δ_c = 22°-30'-42"
 T_s = 456.11'
 T_c = 2294.93'
 L_s = 894.69'
 L_c = 900.47'
 T_s = 712.91'
 L_s = 250'

PIPE UNDERDRAINS (INTERCEPTING)

Ref. No.	Station	Side	Lin. Ft. I-4		I-5
			Underdrains	Outlets	
1-Q	254+50	Lt.	560	52	1
2-Q	253+50	Rt.	660	50	1
TOTALS			1220	102	2

PAVEMENT REMOVAL

Ref. No.	Station	E-s Removal and Disposal Of Existing Pavement-Sq.Yds.
1-R	262+97	467
TOTAL		467

DRIVES

Ref. No.	Station	Side	Item I-1				Item E-1		Item E-2		Apron Type 1 or 2
			12" Pipe for Driveways	Excavation	Excavation Deduction	Aggregate	Pipe Removed & Disposed of	Excavation	Excavation Deduction		
2A	264+15	Lt.	16	21.7	6.0	11.9				#1	
3A	264+55.43	Rt.	20	119.3	6.0	19.6	50			#2	
4A	264+92.5			90.0	6.0	16.5	28			#1	
TOTALS			36	231.0	18.0	48.0	78				

STORM SEWERS

Ref. No.	Station	Side	Lin. Ft. I-2					I-5	I-8	Std. #1 M.H.	Location of Structure		
			12"	12" Under Pavt	15"	15" Under Pavt	18"						
1-5	252+00	Lt.					18			252+35			
2-5	252+25	Lt.	15	2			14	24	1	252+25			
3-5	252+55	Rt.					342		1	252+55			
4-5	256+00	Lt.	20	24				2	1	256+00			
5-5	256+00	Rt.					322		1	256+00			
6-5	259+25	Lt.								259+50			
7-5	259+25	Rt.			364	27				259+25			
8-5	263+25	Lt.	27	24						263+25			
9-5	263+25	Rt.			172					263+25			
TOTALS			265	76	364	27	678	24	18	2	6	2	1

GUARD RAIL

Ref. No.	Station	Side	Item E-15	
			Guard Rail Posts	Each
1-G	257+55	Lt.	8	
2-G	262+98	Lt.	9	
TOTALS			17	

Note: Posts Placed on 4' Centers

PIPE UNDERDRAINS (LONGITUDINAL)

Ref. No.	Station	Side	Lin. Ft. I-4		I-5	Pipe Specials
			Underdrains	Outlets		
1-L	256+00	Lt.	597	17		1
2-L	256+00	Rt.	597	17		1
TOTALS			1194	34		2

EXCAVATION 130,485 CU. YDS.
 EMBANKMENT 189 CU. YDS.
 EMBANKMENT+15% 277 CU. YDS.

PLAN AND PROFILE STA. 252+00 TO STA. 265+00