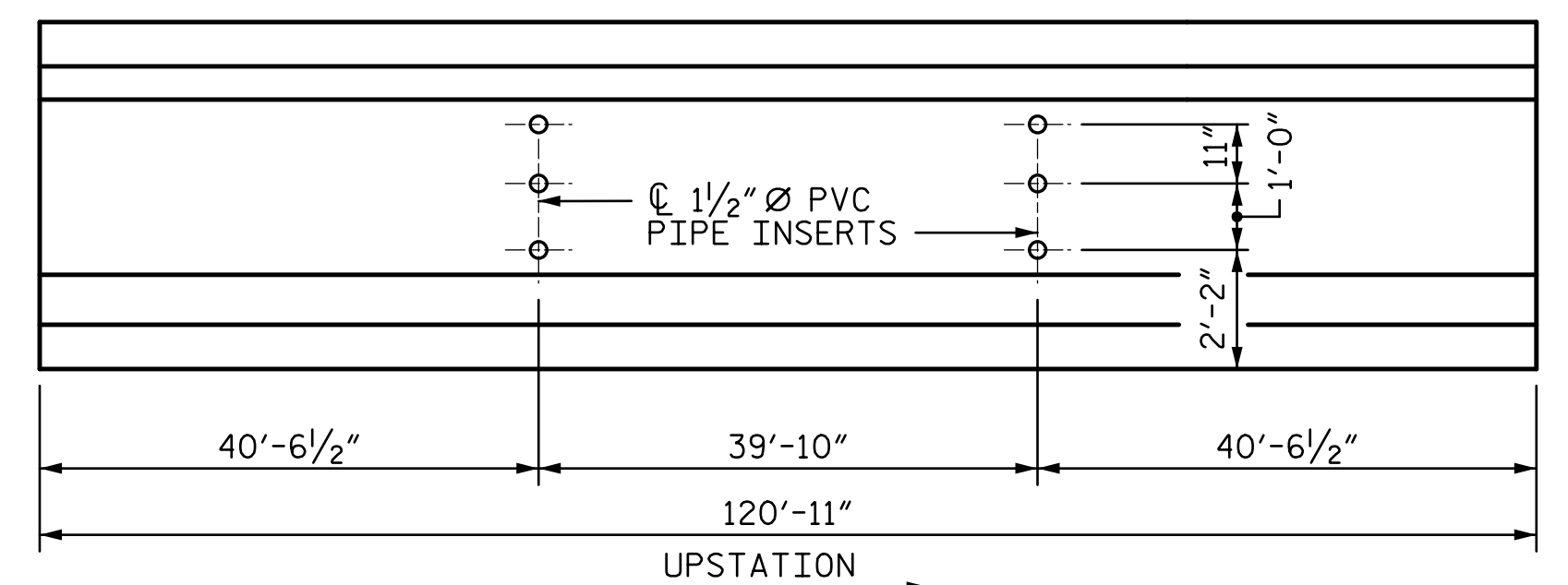


**FRAMING PLAN**  
 FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS,  
 SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR 63" MODIFIED  
 BULB TEE PRESTRESSED CONCRETE GIRDERS" SHEET.



**NOTES:**  
 ALL GIRDER ALONE IN PLACE CAMBERS AND DEFLECTIONS  
 ARE SHOWN IN DECIMAL FEET.  
 ▲ DOES NOT INCLUDE FUTURE WEARING SURFACE.

DEAD LOAD DEFLECTION TABLE																					
GIRDERS 1 & 5																					
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.046	0.091	0.134	0.173	0.207	0.236	0.260	0.277	0.287	0.291	0.287	0.277	0.260	0.236	0.207	0.173	0.134	0.091	0.046	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. ▲ ↓	0.000	0.030	0.059	0.088	0.115	0.138	0.158	0.175	0.186	0.193	0.196	0.193	0.186	0.175	0.158	0.138	0.115	0.088	0.059	0.030	0.000
FINAL CAMBER ↑	0"	3/16"	3/8"	9/16"	1 1/16"	1 3/16"	1 5/16"	1"	1 1/16"	1 1/8"	1 1/8"	1 1/8"	1 1/16"	1"	1 5/16"	1 3/16"	1 1/16"	9/16"	3/8"	3/16"	0"

DEAD LOAD DEFLECTION TABLE																					
GIRDERS 2-4																					
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.046	0.091	0.134	0.173	0.207	0.236	0.260	0.277	0.287	0.291	0.287	0.277	0.260	0.236	0.207	0.173	0.134	0.091	0.046	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. ▲ ↓	0.000	0.032	0.062	0.093	0.122	0.147	0.168	0.185	0.198	0.205	0.208	0.205	0.198	0.185	0.168	0.147	0.122	0.093	0.062	0.032	0.000
FINAL CAMBER ↑	0"	3/16"	3/8"	1/2"	5/8"	3/4"	13/16"	7/8"	1 1/16"	1"	1"	1"	1 5/16"	7/8"	1 3/16"	3/4"	5/8"	1/2"	3/8"	3/16"	0"

DRAWN BY : MBC DATE : 9-16  
 CHECKED BY : AJP DATE : 9-16  
 DESIGN ENGINEER OF RECORD: T. LAWS DATE : 9-16

**GIRDER INSERTS**

PROJECT NO. R-2707C  
CLEVELAND COUNTY  
 STATION: 32+31.41 -Y11REV2-



DocuSigned by:  
 Tony R. Laws, Jr.  
 3762017



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
**FRAMING PLAN &  
 DEAD LOAD DEFLECTIONS**

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 27

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