

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	OGLE	593	94
STA. 739+00		TO STA. 755+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

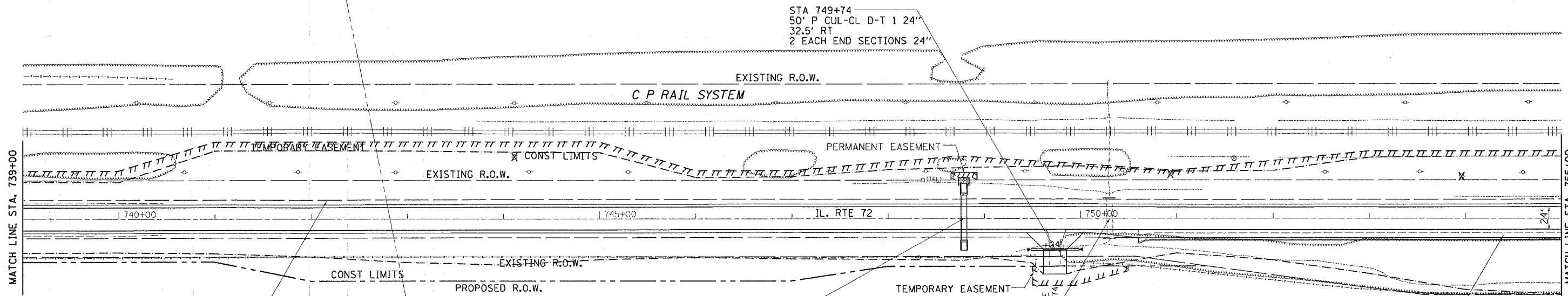
Drainage Area = 10 Ac		Existing Low Grade Elevation: 719.53 ft @ 750+30		Proposed Low Grade Elevation: 719.72 ft @ 750+30			
Flood	Frequ	Dischar	Waterway Opening (sq ft)	Natur H.W.	Head (ft)	Headwater Elev. (ft)	
	Y		Exist		Exist	Propos	
Ten-Year	10	11	5.1	5.8	718.37	0.00	718.29
Design	50	19	6.2	7.0	718.56	0.07	718.63
Base	100	23	6.7	7.4	718.63	0.15	718.78
Overlapping							
Max. Calc	500	30	7.4	8.1	718.75	0.28	717.03
10-Year Velocity through Existing Culvert = 3.9 fps						10-Year Velocity through Proposed Culvert = 3.9 fps	716.89

GLEN M. BORNEMAN

ALL RAILROAD COMMUNICATION POLES LOCATED WITHIN TEMPORARY EASEMENT LIMITS, INCLUDING WIRING AND GUY WIRES, SHALL BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN THE UNIT COST PER CUBIC YARD FOR EARTH EXCAVATION. LT. STA. 697+00 TO THE END OF THE PROJECT.



PLAN	DATE
BY	
DATE	
DATE	
DATE	
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GLEN M. BORNEMAN

PROFILE	DATE
BY	
DATE	
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