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ROUTE NO.	SECTION	COUNTY		SHEETS	SHEET NO.	SHEET NO. 1
FAS 203	9BR-М	ROCK ISLAND		21	11	7 SHEETS
FED. ROAD DIST. ND. 7		ILLINOIS	FED. ALD PROJECT-			
Contract M	· 64710			1.16.72	Solution	

Contract No. 64719

LOADING HS20-44 (New Construction)

No Allowance for future wearing surface.

DESIGN SPECIFICATIONS (New Construction) 2002 AASHTO

DESIGN STRESSES

PRECAST PRESTRESSED UNITS

- $f'_{c} = 5,000 \ psi$ $f'_{ol} = 4,000 \ psi$
- $f'_{s1} = 270,000 \text{ psi} (l_2" \phi \text{ low lax. strands})$ $f'_{s1} = 201,960 \text{ psi} (l_2" \phi \text{ low lax. strands})$

*Existing Beam Removal and Proposed Beam Erection Sequence:

1. Two adjacent lines of existing beams shall be removed. 2. One new beam shall be installed and doweled into position. 3. One adjacent existing beam shall be removed. 4. Repeat steps 2 and 3 for remainder of beams.

* If the Contractor chooses an alternate method of beam removal and replacement, the contractor must submit details and calculations for a bracing system for approval. The details are to be signed & sedled by an Illinois licensed Structural Engineer.



MOLINE ROAD OVER ZUMA CREEK F.A.S. ROUTE 203-SECTION 9BR-M ROCK ISLAND COUNTY STATION 92+92.75 STRUCTURE NO. 081-0034