

DETAIL A (South Abutment Shown, North Abutment Similar)

INTERIOR	BEAM REAG	CTION TABLE
		Abut.
R _{DC1}	(k)	62.2
R DC2	(k)	12.0
Row	(k)	15.9
R & + IM	(k)	85.5
R Total	(k)	175.6

Mow

('k)

(k/')

('k)

(k/')

('k)

('k)

1415

0.263 273

0.35

1540

- prestressed beam (in.3). St': Composite section modulus for the top fiber of the
- prestressed beam (in.³).
- DC1: Un-factored non-composite dead load (kips/ft.).
- M_{DCI}: Un-factored moment due to non-composite dead load (kip-ft.).
- DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
- M_{DC2}: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
- DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
- Mow: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft).
- M4 + IM: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

	USER NAME = bdecraene	DESIGNED - NPH	TT		FRAMING PLAN	F.A.P. SECTION	COUNTY TOTAL SHEET
V:\3195\Structure\032-0123\0320123-66883-01	ructure\032-0123\0320123-66B83-016-FRAMING.dgn	CHECKED - JOH	Hutchison Engineering, Inc. JACKSONVILLE-SHOREWOOD-PEORIA	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 032-0123	326 110BR-1	GRUNDY 644 374
	PLOT SCALE = NONE	DRAWN - RMD				CONTRACT NO. 66B83	
	PLOT DATE = 8/6/2013	CHECKED - JOH/NPH			SHEET NO. 16 OF 30 SHEETS	ILLIN0I:	S FED. AID PROJECT