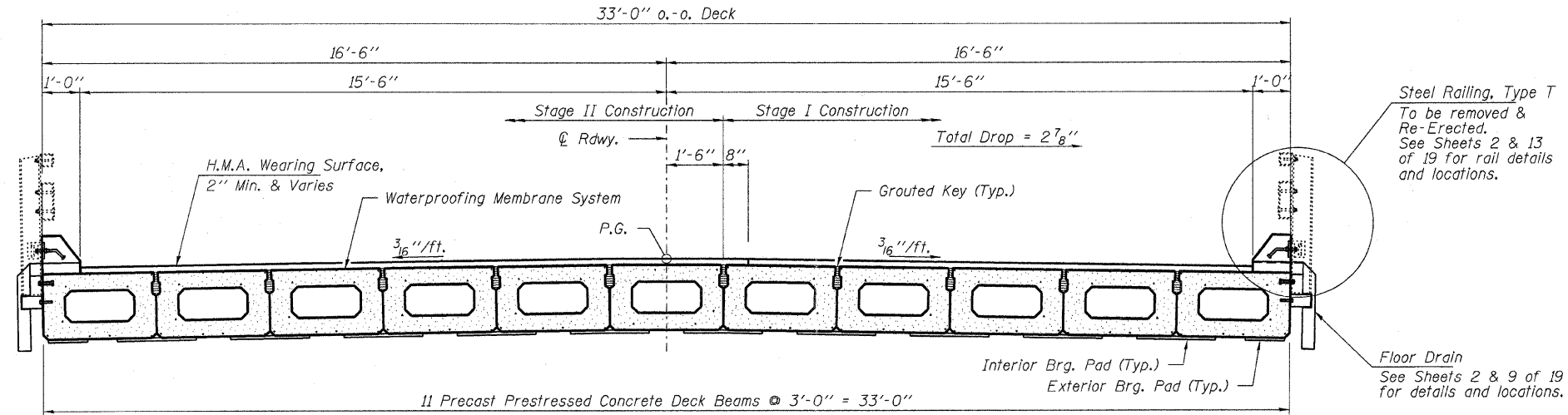


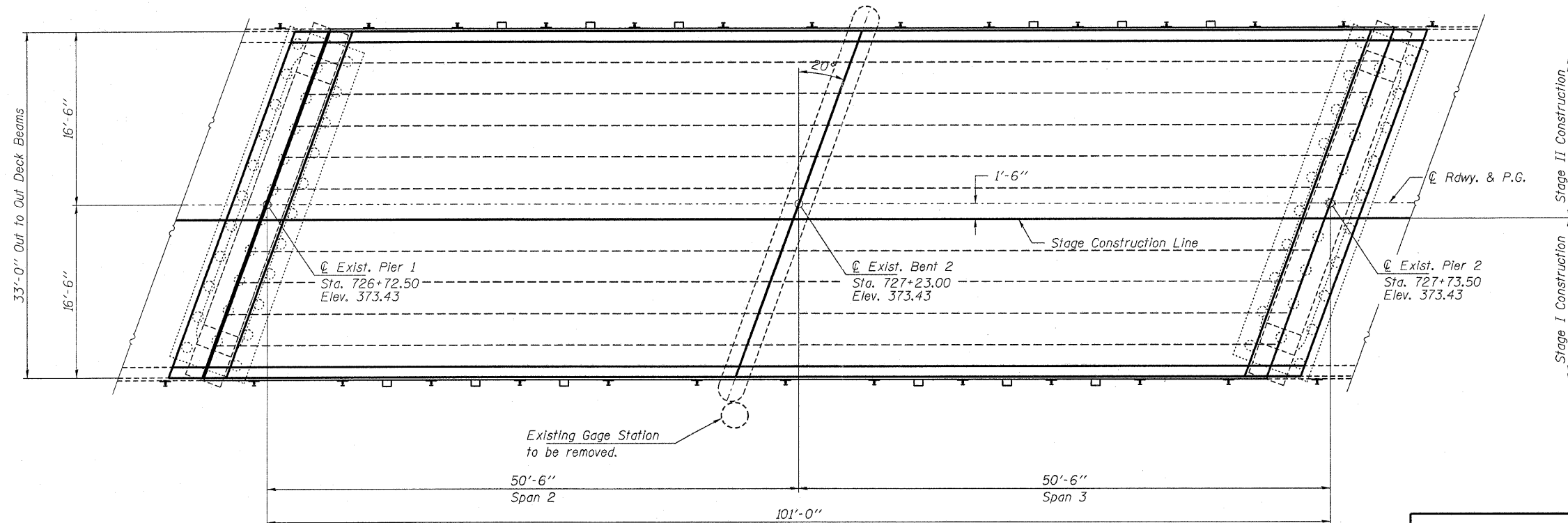
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 5 19 SHEETS
F.A.P. 885	107BR-1	Johnson	94	26	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #78030



**CROSS SECTION**  
(Looking East)



**PLAN - SPAN 2 & SPAN 3**

**MIN. BAR LAP**  
#5 bar = 2'-2"  
#6 bar = 2'-7"

**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	96	#5	15'-8"	—
a <sub>1</sub> (E)	96	#5	18'-10"	—
d(E)	64	#5	5'-9"	└
e(E)	8	#6	26'-5"	—
x(E)	272	#5	2'-8"	└
Hot-Mix Asphalt Surface Course, Mix "C" N90			Ton	135
Concrete Removal			Cu. Yd.	23.2
Floor Drains			Each	12
Concrete Superstructure			Cu. Yd.	32.1
Protective Coat			Sq. Yd.	34
Reinforcement Bars, Epoxy Coated			Pound	4,910
Bar Splicers			Each	96
Removing & Re-Erecting Exist. Rail			Foot	202
Waterproofing Membrane System			Sq. Yd.	1,348
Portland Cement Mortar Fairing Cse.			Foot	1,010
Deck Slab Repair (Full Depth)			Sq. Yd.	1
Deck Slab Repair (Partial)			Sq. Yd.	100

For additional superstructure details, see sheets 6, 7, 8, 9, 10 & 11 of 19.

**HAMPTON, LENZINI & RENWICK, INC.**  
CIVIL & STRUCTURAL ENGINEERS  
LAND SURVEYORS

**HLR**

3085 STEVENSON DRIVE, SUITE 201  
SPRINGFIELD, ILLINOIS 62703  
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-52-0007-1 DATE: 04/02/08  
DESIGNED: S.M.S. CHECKED: M.D.C. DRAWN: D.T.M.

**SUPERSTRUCTURE SPANS 2 & 3**

**IL. ROUTE 146 OVER CACHE RIVER**  
**F.A.P. ROUTE 885 / SECTION 107BR-1**  
**JOHNSON COUNTY**  
**STATION 727+23.00**  
**STRUCTURE NO. 044-0014**