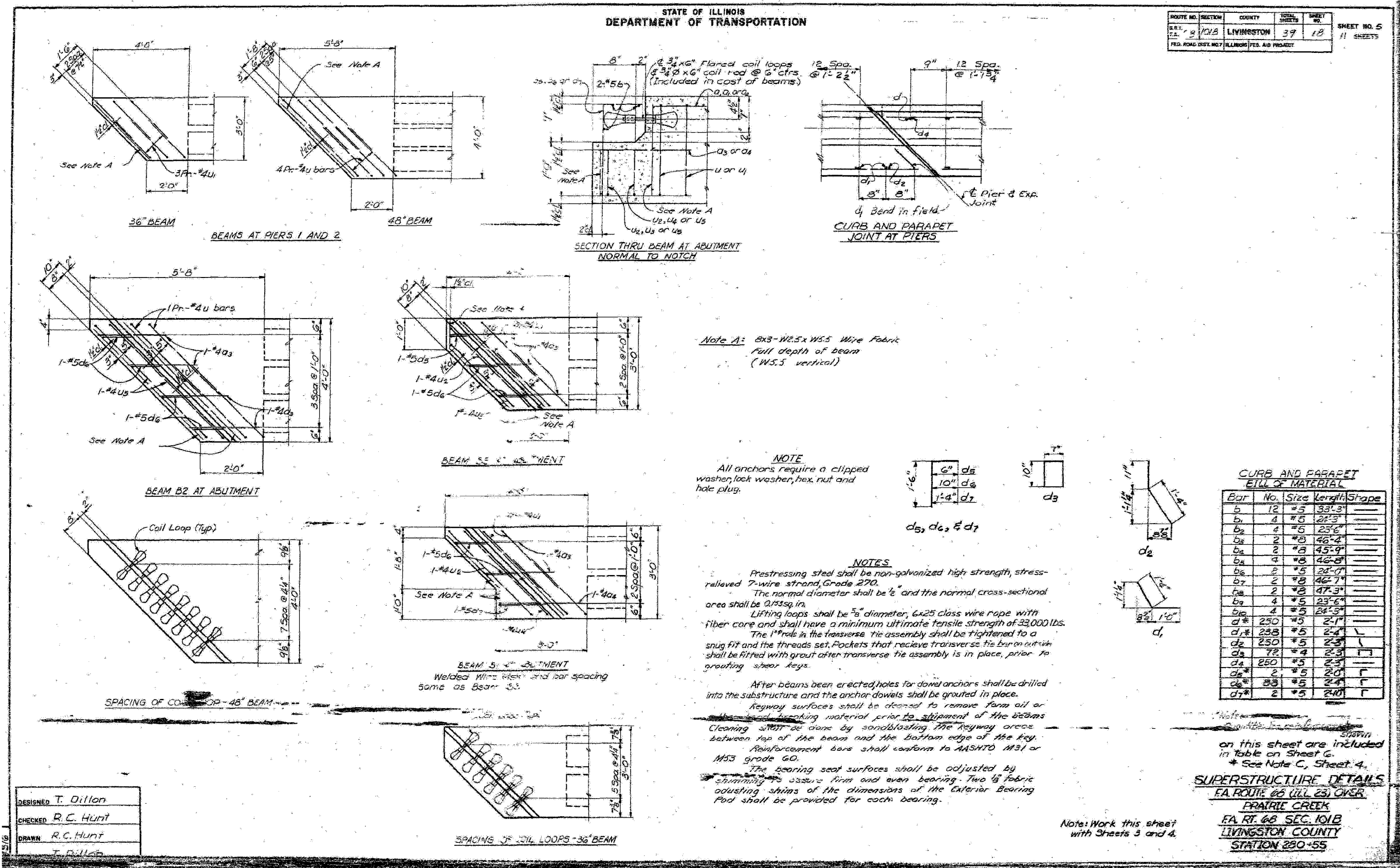


FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	101BR	LIVINGSTON	47	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	101B	LIVINGSTON	39	18
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 5
11 SHEETS



Note A: 6x3-W6.5xW5.5 Wire Fabric
Full depth of beam
(W5.5 vertical)

NOTE
All anchors require a clipped washer, lock washer, hex. nut and hole plug.

NOTES
Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270.
The normal diameter shall be 1/2" and the normal cross-sectional area shall be 0.153sq. in.
Lifting loops shall be 7/8" diameter, 6x25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 33,000 lbs.
The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bars on outside shall be fitted with grout after transverse tie assembly is in place, prior to grouting shear keys.

After beams been erected holes for dowel anchors shall be drilled into the substructure and the anchor dowels shall be grouted in place.
Keyway surfaces shall be cleaned to remove form oil or other bonding material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas between top of the beam and the bottom edge of the key.
Reinforcement bars shall conform to AASHTO M31 or M53 grade 60.
The bearing seat surfaces shall be adjusted by shimming to assure firm and even bearing. Two 1/2" fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.

CURB AND PARAPET
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
b	12	#5	33'-3"	
b ₁	4	#5	24'-3"	
b ₂	4	#5	23'-6"	
b ₃	2	#8	46'-4"	
b ₄	2	#8	45'-9"	
b ₅	4	#8	46'-8"	
b ₆	8	#5	24'-0"	
b ₇	2	#8	46'-7"	
b ₈	2	#8	47'-3"	
b ₉	4	#5	24'-5"	
b ₁₀	4	#5	24'-5"	
d*	250	#5	2'-1"	
d ₁ *	238	#5	2'-4"	
d ₂	250	#5	2'-3"	
d ₃	72	#4	2'-3"	
d ₄	250	#5	2'-3"	
d ₅ *	2	#5	2'-0"	
d ₆ *	33	#5	2'-4"	
d ₇ *	2	#5	2'-0"	

on this sheet are included in Table on Sheet 6.
* See Note C, Sheet 4.
SUPERSTRUCTURE DETAILS
FA. ROUTE 66 (ILL. 25) OVER
PRAIRIE CREEK
FA. RT. 68 SEC. 101B
LIVINGSTON COUNTY
STATION 280+55

Note: Work this sheet with Sheets 3 and 4.

DESIGNED	T. Dillon
CHECKED	R.C. Hunt
DRAWN	R.C. Hunt
	T. Dillon