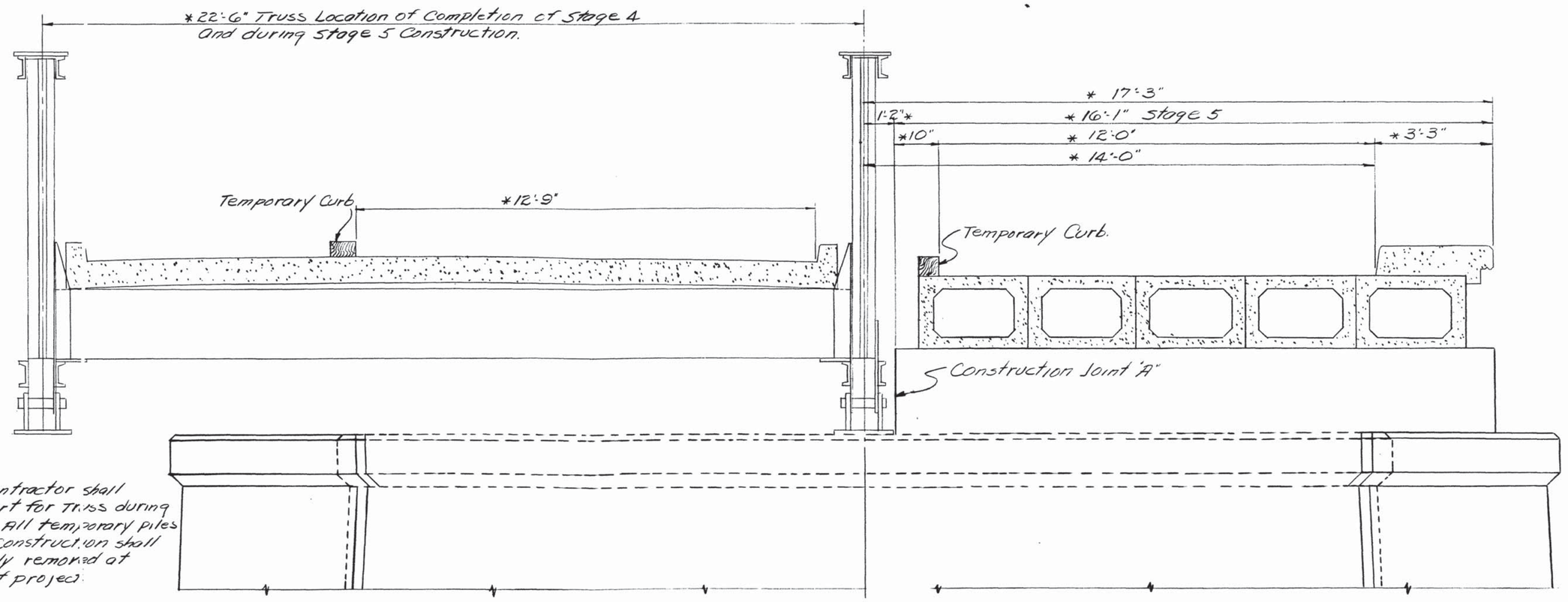
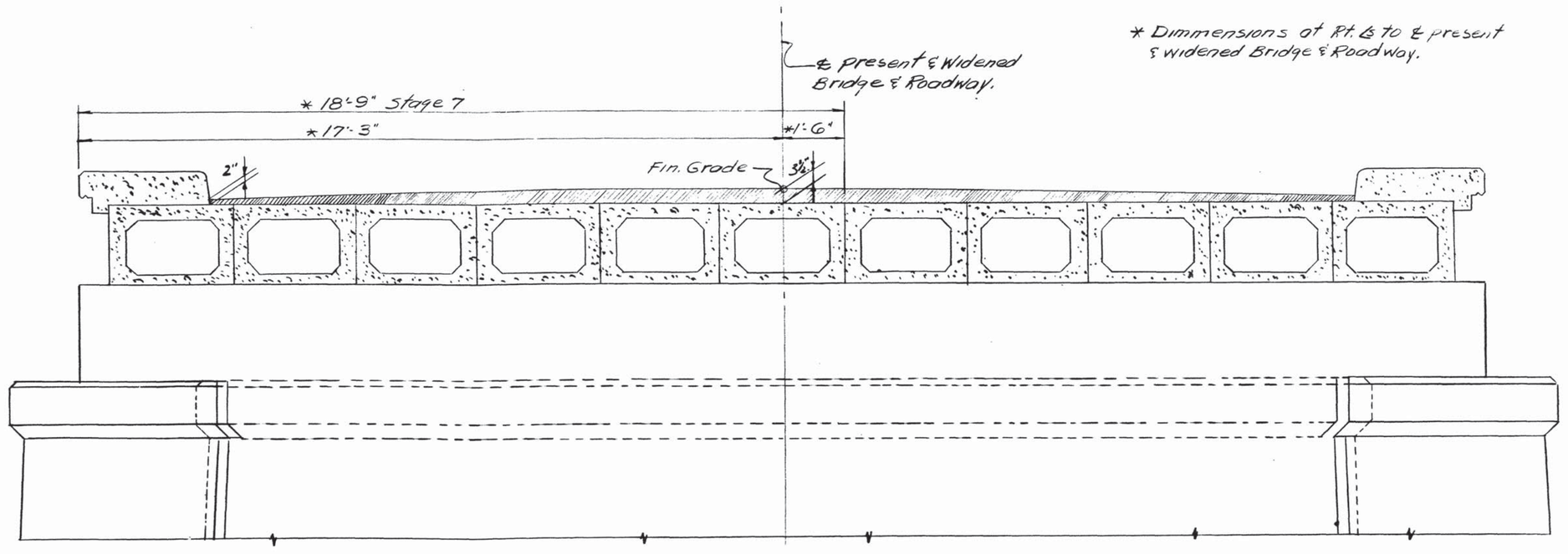
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	
3	TENN.		19		



NOTE: The Contractor shall provide support for truss during Construction. All temporary piles used during Construction shall be completely removed at Completion of project.



* Dimmensions at Rt. & To & present & widened Bridge & Roadway.

CONSTRUCTION SCHEDULE

STAGE 1: Widen Bents No. 1-20 & Abutments No. 1 & 2 as shown on Dwg. No. K-15-76 & K-43-35

STAGE 2: Widen Piers No. 1 & 2 pouring riser blocks for 26'-6" spans monolithic with widenings as shown on Dwg. K-43-36

STAGE 3: Widen Spans No. 1-5, 7 & 8, 10 & 11, 13-23 as shown on Std. Dwg. K-15-66, 67, 68 & 73. Widen Spans No. 6 & 12 as shown on Dwg. No. K-43-33

STAGE 4: Relocate existing span No. 9 to position shown on this sheet and provide for one lane of traffic across same.

STAGE 5: Build riser blocks on Piers No. 1 & 2 to Construction Joint "A" for Span No. 9. Place 5 Box Beams and Construct Curb and handrail.

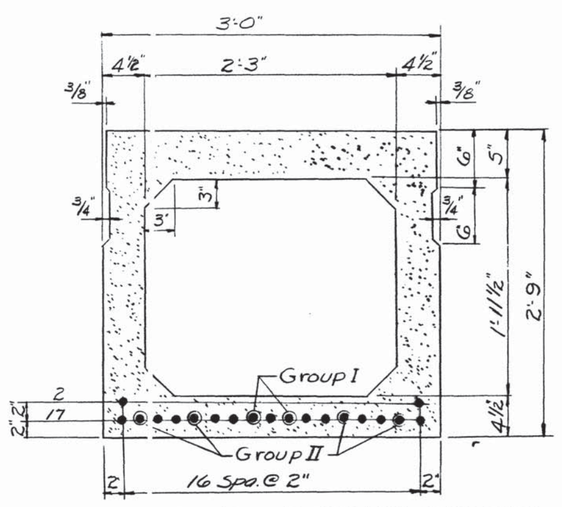
STAGE 6: Reroute traffic to stage 5 Construction and remove steel truss and slab of span No. 9.

STAGE 7: Complete riser blocks on piers No. 1 & 2 and place remainder of box beams. Construct curb and handrail necessary for Completion of span No. 9.

ESTIMATED QUANTITIES

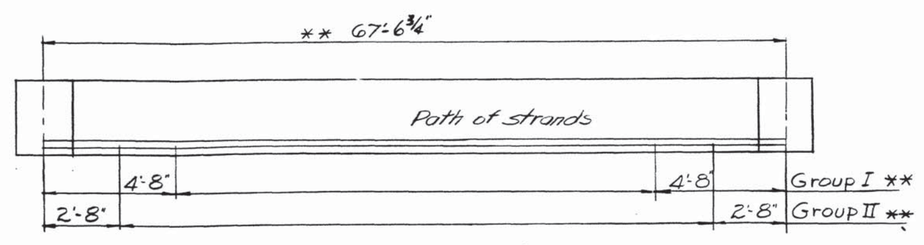
For One Prestressed Box Beam

Prestressing Steel Lbs.	No. ½ Strands	Weight Basic Member Lbs.	Class "A" Concrete Cu. Yds.	Reinforcing Steel Lbs.
634	19	53,977	13.3	950



SECTION SHOWING STRAND PATTERN

NOTE: Prestressed Box Beam details shown this sheet supersede those shown on Dwgs. F-10-84, 85 & 85A.

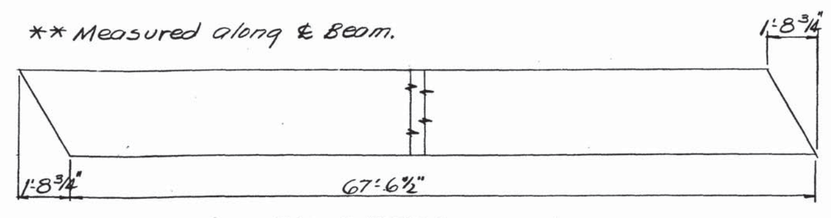


BEAM ELEVATION

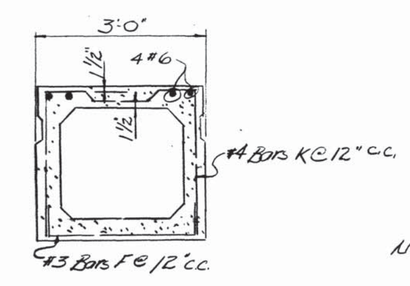
Showing Bond Break

NOTE: All prestressing strands to be ½" Φ. 7 wire uncoated stress relieved prestressing strands. A force of 25,200 lbs. shall be applied to each strand in all box beams in Span No. 9.
Note: Bond to be broken, at the ends of the Beams, for Groups I & II strands for the lengths shown. Bond break to be accomplished by wrapping individual strands in water resistant paper.

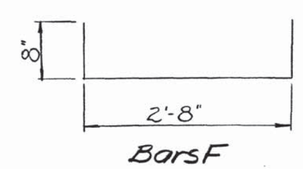
** Measured along ℄ Beam.



PLAN - BEAM

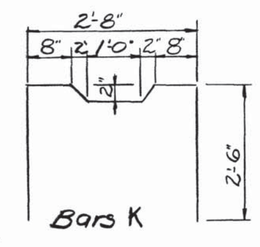


SECTION SHOWING STEEL REINFORCEMENT



Bars F

NOTE: Bar dimmensions are c.c. of bars.



Bars K

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS
NASHVILLE

DETAILS OF BRIDGE WIDENING
CONSTRUCTION SCHEDULE
AND
PRESTRESSED BOX BEAM DETAILS
FOR SPAN NO. 9
STA. 1193+87.9
SHELBY COUNTY
1964

DESIGNED BY _____ DATE _____
DRAWN BY R. Bingham DATE 9-28-64
TRACED BY _____ DATE _____
CHECKED BY _____ DATE _____

CORRECT Fred Green
BRIDGE ENGINEER

APPROVED R. A. Dunlap
STATE HIGHWAY ENGINEER

K-43-34

PRINTED B.P.R. 3-26-65

Revised: 4-2-65 - Bond Break Note.

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