

FILE NO.	STATE	FEDERAL NO.
6	TEXAS	5NFAP 149
STATE	COUNTY	
5NFAP 149ABC(5)	20 Orange	20
C 306-1-9	20 Orange	30

SUMMARY FIELD CA
HAW. US-90 SN F40

No. Description

- 1 Placing 3/4 Lin Ft. of 10 plain conc. pipe with special headwalls
- 2 Building two box inlets at intersecting sanitary sewer
- 3 Change method of curing for catch mats to Maintenance Flow
- 4 Placing longitudinal steel through pavement dummy
- 5 Reduce the overall width of 24'-6" pavement to 24'-0"
- 6 Change length and shape of raised blister
- 7 Eliminate trench sodding. To be planted in Spring by Maint. Dept.

FEDERAL AID PROJECT.
SNFAP 149ABC(5) & C 306-1-9

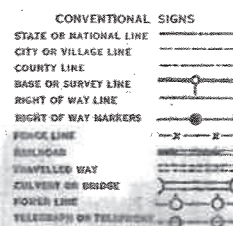
PLAN: 1 IN. = 100 FT.
PROFILE: 1 IN. HOR. = 100 FT., 1 IN. VERT. = 10 FT.
CROSS-SECTIONS: 1 IN. HOR. AND VERT. = 5 FT.
OTHERS AS NOTED.

NET LENGTH OF PROJECT = 22,370.09 FT. = 4.350 MI.

SNFAP 149ABC(5) Cont 28-11-24 Hwy. No. U.S. 90
CITY RURAL TOTALS
1,027.96 FT. = 0.194 MI. 14,418.2 FT. = 2.731 MI. 15,446.16 FT. = 2.925 MI.
Cont. 306-1-9 State Hwy. No. 87
7,487.93 FT. = 1.418 MI. 7,487.93 FT. = 1.418 MI.
TOTAL LENGTH = 22,470.09 FT. = 4.350 MI.

DELIVERY POINTS FOR MATERIAL			
RAILROAD DEL POINT	RAILROAD	DIST. FROM PROP PROJECT	CAR CAP.
Orange	M. P.	3200' from Sta	
		186 Cont 306-1	3
Orange	T & N. A.	1500' from Sta 01-00	
		Control 28-11	Ample
Int. of O & N.W.R.R.	O & N. W.	12 mi. from Sta 192	
U.S. Hwy. 90		Control 28-11	3

- 1 Change method of currying from cotton mats to Membrane Process
Sta 280-24
Sta 853+
- 2 Run longitudinal steel through pavement during jts.
Sta 780-29
Sta 853+
- 3 Reduce the overall width of 24'-6" Ar Transverse Circle
pavement to 24'-0"



NO EQUATIONS
EXCEPTIONS

CONTRACT 306-1-9

Sta 107+36.92 - 107+143.08 = 6.17' (Curb)
Sta 108+143.46 - 109+64.50 = 12.14' (P.E. XX)
Sta 109+143.14 - 112+06.00 = 12.86' (")
Total = 21.17'

CONTRACT 28-12-24 Sta 107+35 - 117+65 = 110.30' (Bridge)
LAYOUT SCALE: 1 IN = 1000 FT.

Required Special Provisions for Federal
Aid Projects Approved May 12/1992

Federal Project Markers of Approved Design Have
Been Erected at Each End of Project

STATE HIGHWAY DEPARTMENT	
CORRECT;	RECOMMENDED FOR APPROVAL:
<u>Sept 25 10 43</u>	[Redacted]
<u>P. H. Brown</u> RESIDENT ENGINEER	BRIDGE ENGINEER [Redacted]
RECOMMENDED FOR APPROVAL	RECOMMENDED FOR APPROVAL
[Signature] 10	[Redacted]
[Redacted]	APPROVED
[Redacted]	[Redacted]

COUNTY ORANGE PROJ. NO. SH-FAP/149-ARC(3)
HWY. NO. 9068 LETTING DATE _____
DATE ACCEPTED _____

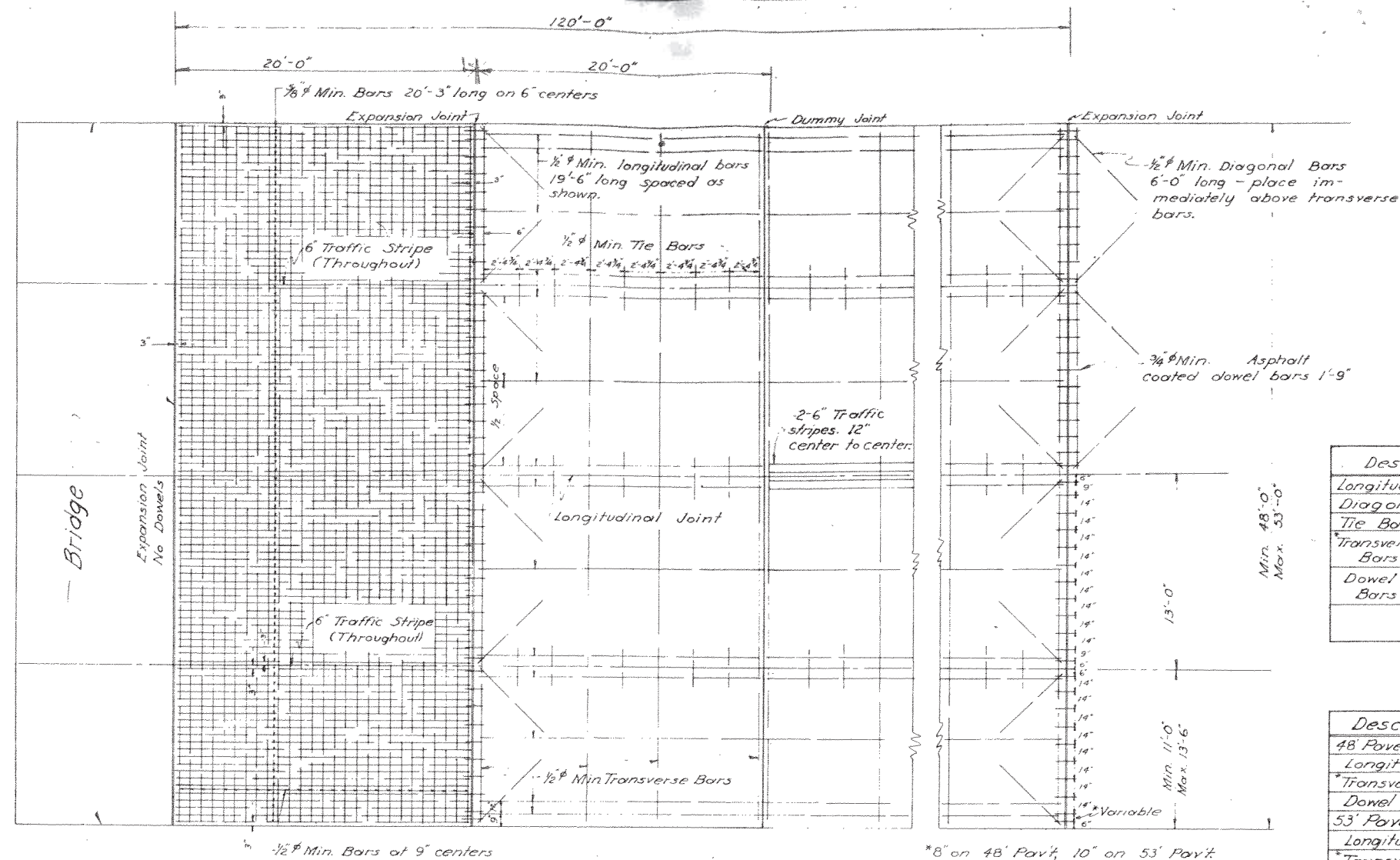


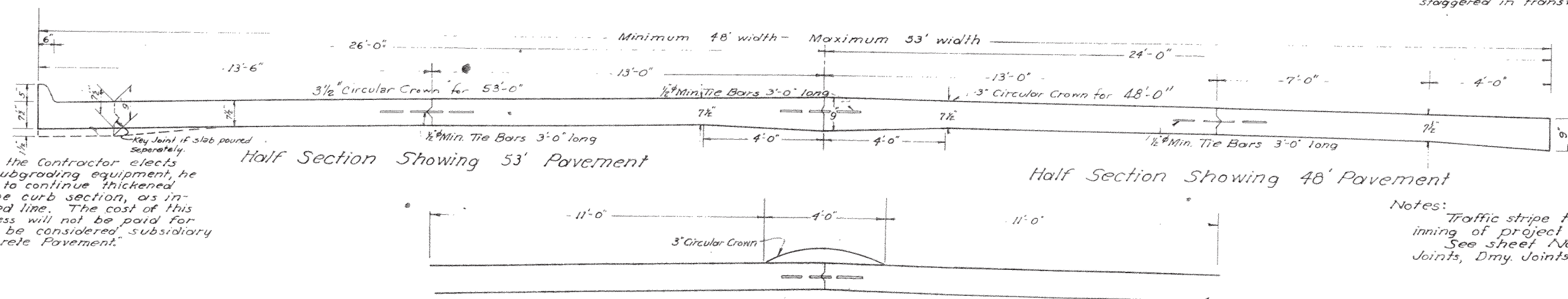
TABLE OF STEEL
For One 120' Slab

For One 120' Strip					
Description		No.	Size	Length	Total Weight
Longitudinal Bars		84	$\frac{3}{8}$ " Min.	19'-6"	1708.43
Diagonal Bars		16	$\frac{1}{2}$ " Min.	6'-0"	100.13
Tie Bars		90	$\frac{1}{2}$ " Min.	3'-0"	281.61
* Transverse Bars	48' Pav't	24	$\frac{1}{2}$ " Min.	49'-6"	1239.08
	53' Pav't	24	$\frac{1}{2}$ " Min.	56'-6"	1414.31
Dowel Bars	48' Pav't	44	$\frac{3}{4}$ " Min.	1'-9"	115.65
	53' Pav't	48	$\frac{3}{4}$ " Min.	1'-9"	126.17
Totals		48' Pavement			3444.90
		53' Pavement			3630.65

FLOATING SLAB
For one 20' Slab

Description	No	Size	Length	Total Weight
48' Pavement				
Longitudinal Bars	96	1/2" Min.	20'-3"	2027.59
Transverse Bars	27	1/2" Min.	49'-6"	1393.97
Dowel Bars	22	3/4" Min.	1'-9"	57.03
53' Pavement				
Longitudinal Bars	104	3/8" Min.	20'-3"	2196.56
Transverse Bars	27	1/2" Min.	56'-6"	1591.10
Dowel Bars	24	3/4" Min.	1'-9"	63.08

*Lengths of transverse bars includes an 2' for each 25' length of bar. Laps are to be staggered in transverse steel in floating.



Notes: In the event the Contractor elects not to change subgrading equipment, he will be permitted to continue thickened edge through the curb section, as indicated by dashed line. The cost of this additional thickness will not be paid for directly but will be considered subsidiary to the item "Concrete Pavement."

Notes: Traffic stripe to be omitted from beginning of project to approx. Sta. 9+00. See sheet No. 10 for details of Joints, Dmy. Joints, and Long. Joints.

Section Showing Asphalt Traffic Divider

Approx. Sta. 25 to Approx. Sta. 51+75
and as shown on detail of traffic circle on Sheet No. 6

CONCRETE PAVING DETAILS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJECT NO.
6	TEXAS	SV PAF 1454
STATE DIST. NO.	COUNTY	SECTION NO.
20	Orange	28