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STATE OF TEXAS STATE HIGHWAY DEPARTMENT PLANS OF PROPOSED STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT
FHIS(14)
WICHITA COUNTY

GRADING, STRUCTURES, FOUNDATION COURSE,
ASPHALTIC CONCRETE PAVEMENT, CONCRETE
PAVEMENT, & REST AREA DRIVES

US HIGHWAY 287

FROM 7.7 MILES EAST OF ELECTRA TO
1.0 MILES WEST OF IOWA PARK

Final
September 12, 1970

NET LENGTH ROW = 37,133.94 FT = 7.046 MI.
NET LENGTH DRIVECS = 327.26 FT = 0.061 MI.
NET LENGTH PROJECT = 37,461.20 FT = 7.107 MI.

RETURN TO
RECORDS MANAGEMENT
DEPARTMENT OF
TRANSPORTATION



EQUATIONS STA 643+00 BK = 643+33.39 FWD
STA 701+00 BK = 701+35.60 FWD
STA 927+00 BK = 927+35.60 FWD

NO EXCEPTIONS

NO R.R. CROSSINGS ELIMINATED

LAYOUT SCALE 1 IN. = 5280 FT.

STATE HIGHWAY DEPARTMENT

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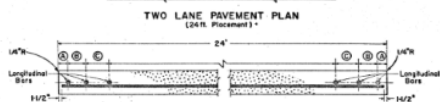
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SLAB WIDTHS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND SHOULD NOT BE USED IF IN CONFLICT WITH TYPICAL CROSS SECTIONS SHOWN ELSEWHERE IN THE PLANS.



TRANSVERSE CONSTRUCTION JOINT
Section X-X

- ### GENERAL NOTES

- [illegible]

Parent Trench Type	Bar Size	24 ft. Placement with Spacing C-C				32 ft. Placement with Spacing C-C				Add'l. Steel G. Trans. Const'd						
		No. of Bars	No. of Splices	No. of Bars	No. of Splices	No. of Bars	No. of Splices	No. of Bars	No. of Splices	Size	Add'l. Splices	Trans. Const'd	Weight w/ft.			
6	No.5	3	6	75	39	1766	3	525	75	20	1825	3	5/8" x 8"	14	10	2.61
7	No.5	3	5	85	85	1629	4	85	85	17	1970	4	3/4" x 8"	16	10	2.61
6	No.4	3	45	7	42	1293	3	6	7	21	1293	3	3/4" x 8"	8	18	3.00

NOTE:

- 1 THE SPACING ϕ TAKEN IN THE ABOVE PLACEMENT TABLES ARE THE MINIMUM ALLOWED FOR EACH CASE. WHERE THE PROPOSED SPACING IS NOT LISTED, THE SPACING SHALL BE THE MINIMUM OF THE FOLLOWING: THE SPACING ϕ AND THE ADJACENT SPACING ϕ_{ADJ} SHALL BE ADJUSTED TO ACCOMMODATE A REINFORCEMENT ARRANGEMENT THAT EQUALS OR EXCEEDS THE MINIMUM REINFORCEMENT RATIO REQUIRED BY THE ENGINEER.
- 2 INCLINED REINFORCEMENT GEOMETRIC AND TRANSVERSE BARS SHALL BE PLACED AT A MINIMUM OF 100 mm (4 INCHES) FROM THE TOP AND BOTTOM SURFACES AND ALL TRANSVERSE STEEL SHALL BE 4 BARS AT 250 mm (10 INCHES).
- 3 THERE SHALL BE TWO MINIMUM NUMBER OF ADDITIONAL STEEL BARS TO BE PLACED AS LAPS. THE SPACING OF THE ADDITIONAL STEEL BARS SHALL BE VARIOUSLY SPACED IN ORDER TO PROVIDE A MINIMUM CLEARANCE OF 50 mm FROM EACH REGULAR LONGITUDINAL REINFORCING BAR.

① ENCLOSED BOTH REGULAR LONGITUDINAL AND TRANSVERSE BARS BASED UPON 1 FOOT PAVEMENT LENGTHS. FOR THE WIDTH INDICATE ALL TRANSVERSE BARS AT 4 BARS AT 20" CENTERS.

① THE TOTAL BE THE MINIMUM NUMBER OF ADDITIONAL STEEL BARS TO BE PLACED PER LANE. THE SPACING OF THE ADDITIONAL STEEL BARS SHALL BE VARIOUS AS DIRECTED IN ORDER TO PROVIDE A MINIMUM CLEARANCE OF 2 IN. FROM EACH REGULAR LONGITUDINAL REINFORCING BAR.

TEXAS HIGHWAY DEPARTMENT
CONCRETE PAVEMENT DETAILS
CONTINUOUSLY REINFORCED

STEEL BARS

CPCR (8)-67 (1) MOD

[illegible]