

ZIP CODE DYE NO.	STATE	FEDERAL AID NO.
6	TEXAS	F05244M P-F0105
STATE DIST. NO.	COUNTY	CON
20	JEFFERSON CHAMBERS	208- 508-

STATE OF TEXAS
STATE HIGHWAY DEPARTMENT
PLANS OF COMPLETED
STATE HIGHWAY IMPROVEMENT
FEDERAL AID PROJECT

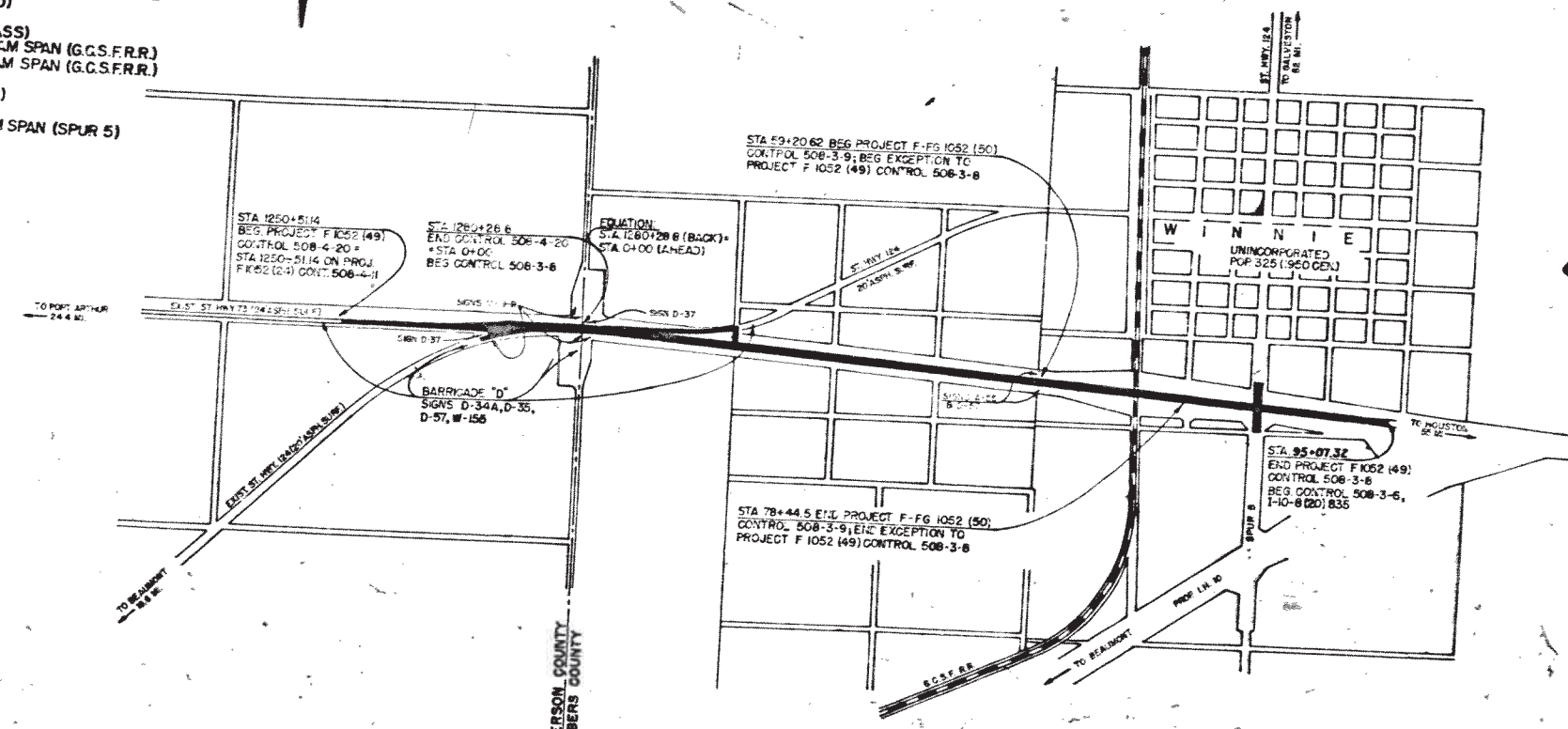
FEDERAL AID PROJECT.
F 1052(49) AND F-FG 1052 (50)

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

NET LENGTH OF PROJECT = 12,464.96 FT. = 2,363 MI.

CONTROL 508-3-8 F1052 (49)	CONTROL 508-3-9 F-61052(50)	CONTROL 508-4-20 F1052 (49)
ROADWAY 7,383.44 FT = 398 MI.	ROADWAY 1,658.86 FT = 0.314 MI.	ROADWAY 2,977.66 FT = 0.564 MI.
BRIDGES 200.00 FT = 0.037 MI.	BRIDGES 266.00 FT = 0.050 MI.	BRIDGES 0.00 FT = 0.000 MI.
TOTAL 7,583.44 FT = 1.435 MI.	TOTAL 1,923.86 FT = 0.364 MI.	TOTAL 2,977.66 FT = 0.564 MI.

STATE HIGHWAY 73
JEFFERSON & CHAMBERS COUNTIES
FROM 0.563 MILES EAST OF JEFFERSON-CHAMBERS COUNTY LINE WEST
TO INTERSECTION WITH INTERSTATE HIGHWAY 10
GRADING, STRUCTURES, FLEXIBLE BASE AND ASPHALTIC CONCRETE PAVEMENT



FINAL PLANS

SUMMARY

Field Change No. 2 -
to and of project ch
5.6' (24" Wide), 9" Se
200731 Hot Flux; (2)
on South Main Lane
out drainage along S
Sta. 1240 to Sta. 12

Field Change No. 3 - P
Anchorage (CPTA-C)
Overpasses.

SUMMARY OF FIELD CHANG.

Field Change No. 2. - (1) On Frontage Roads fr. to end of project change design depths to 5" G (24" Wide), 9" Select Material, 9" Flex. Ba. 200%/sr Hot Mix; (2) Provide left turn refu. on South Main Lane of County Line Road, (3, out drainage along South side of S.H. 73 fr Sta. 1240 to Sta. 1266.

Field Change No. 3. - Provide Concrete Avmt. Anchorage (CPTA-G) on West end of the Spu Overpasses.

Field Change No. 4. - Rout and seal Contraction

Field Change No. 6. - Place one course surface fr. on flexible base before placing asphaltic. cov

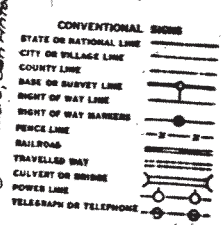
Field Change No. 7. - Place flex. base and one c. surface treatment on all frontage roads, turn a roads, and ramps East of G.C.S.F. R.R. for which do not provide base or surfacing.

Field Change No. 8. - Place Hot Mix (Type D @ 20. on North Frontage Road between Sta. 1266 + and Sta. 5+80.

Field Change No. 9. - Revision in quantities and unit price of "Common Barrow" and "Del. Barrow."

PROJECT CONSTRUCTED AND FINAL PLANS
PREPARED BY:
William A. Potts 6-7-62
RESIDENT ENGINEER

COUNTY Del Mar - Chambers PROJ. NO. E05249, E.F.S. 1051 (20)
HWY. NO. 37 75 LETTING DATE _____
DATE June 7 1962 _____
Cege Brothers, San Antonio, Contract for



EXCEPTION: F 1052 (49) STA. 59+20.62 TO STA. 78+44.5 = 1,923.68 FT.

EQUATION: STA. 1280+28.8 (BACK) = STA. 0+00 (AHEAD) + 128,028.8 FT.

CORRECT: STATE HIGHWAY DEPARTMENT

William A. Potter
DESIGN ENGINEER

RECOMMENDED
FOR APPROVAL: 6-11 59

H. E. S. S. S.
DISTRICT ENGINEER

APPROVED: [REDACTED]
[REDACTED]
BRIDGE ENGINEER
[REDACTED]
[REDACTED]
[REDACTED]

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

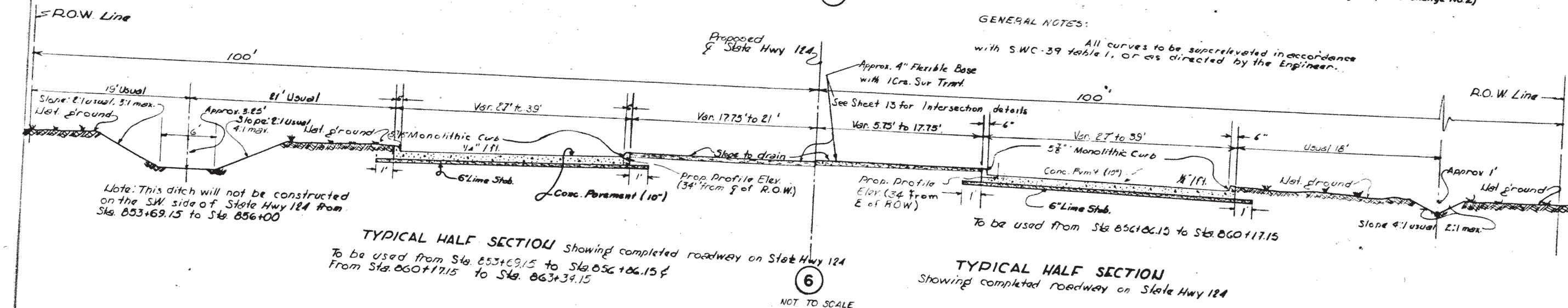
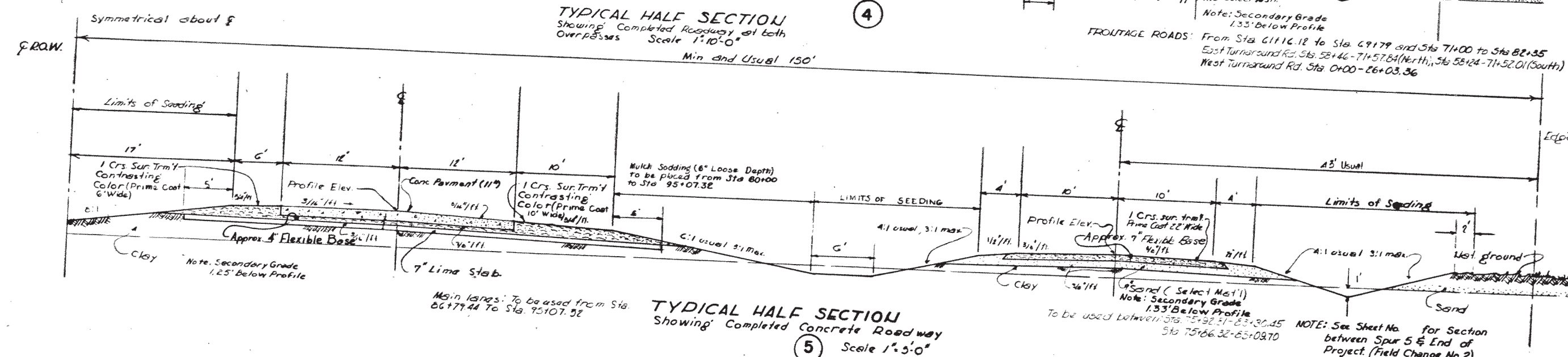
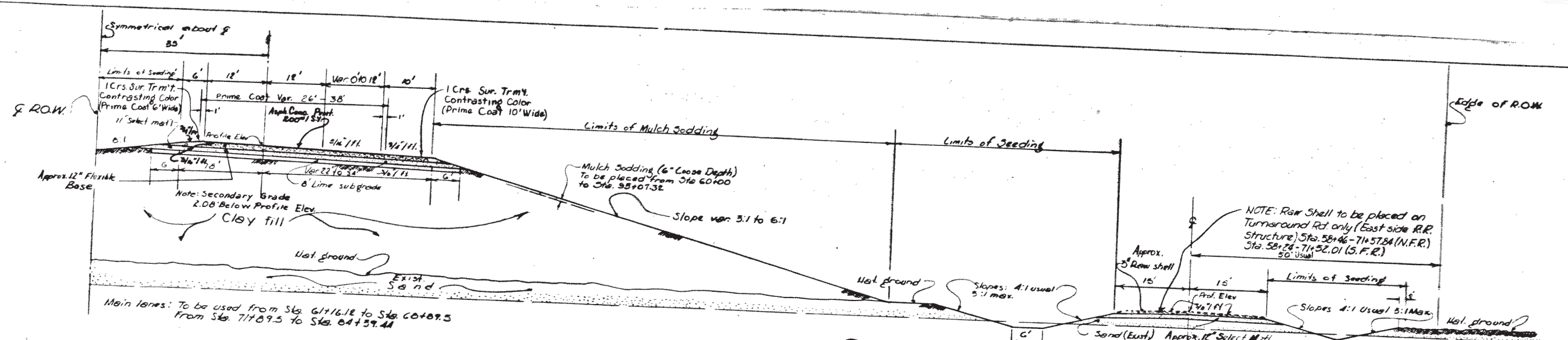
[Redacted]

APPROVED: [Redacted]

DIVISION ENGINEER

DATE [Redacted]

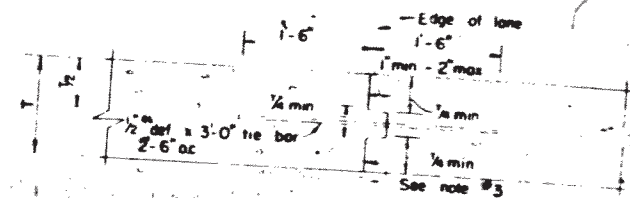
LAYOUT SCALE: 1 IN. = 1,000 FT.



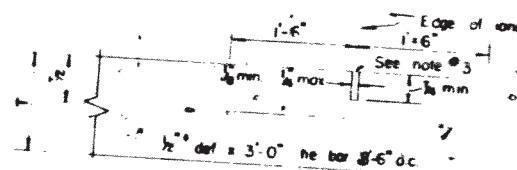
**TYPICAL SECTIONS
SHEET 2 of 2 SHEETS**

PROJECT NO.	1705249	DATE	05/21/01
DIST.	20	SECTION	4
DATE	05/21/01	BY	SP
CHECKED	05/21/01	BY	SP

LONGITUDINAL JOINTS

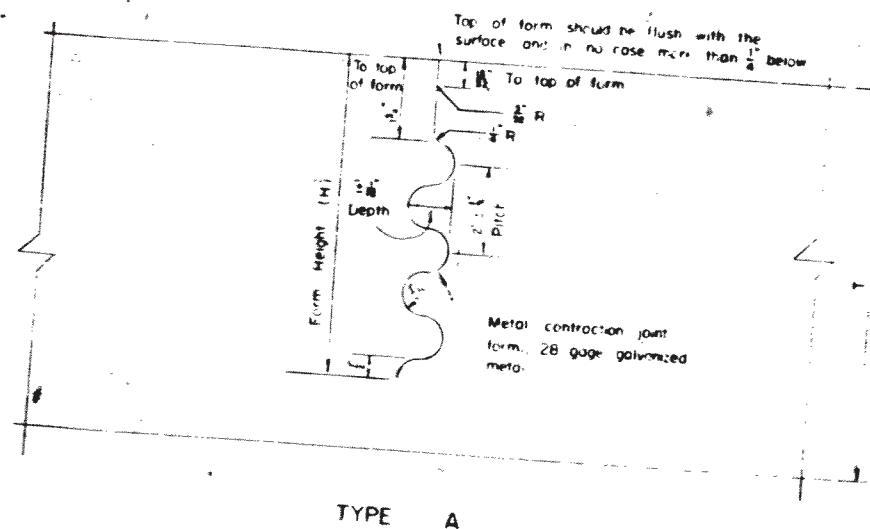


TYPE 1

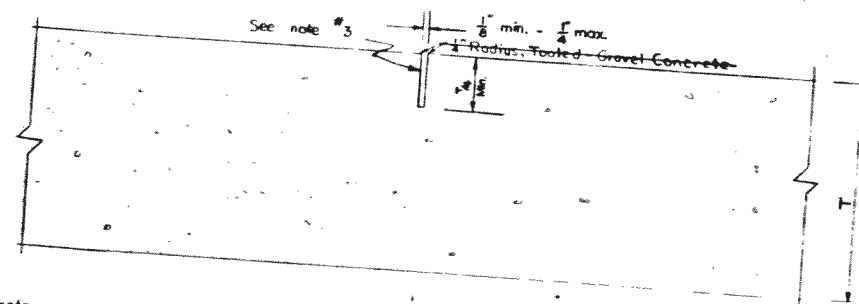


TYPE 2

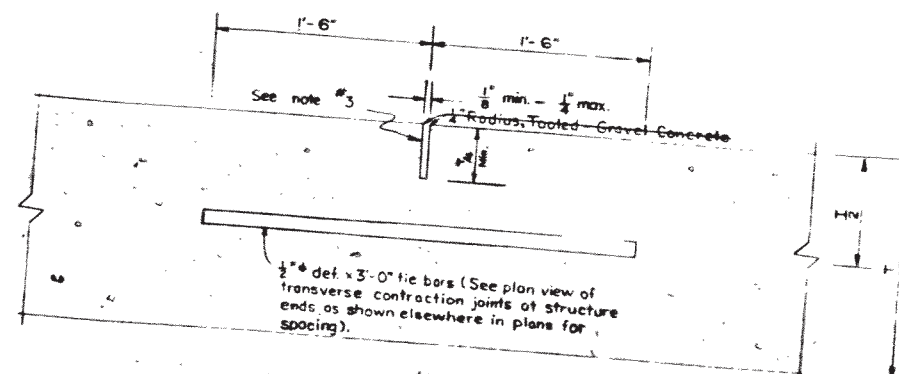
TRANSVERSE CONTRACTION JOINTS



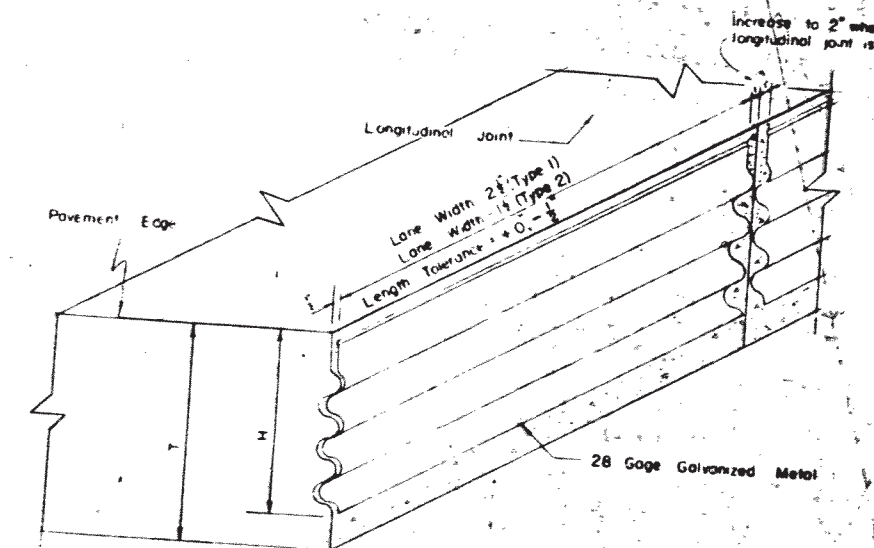
TYPE A



TYPE B



TYPE C



OBLIQUE SECTION SHOWING METAL CONTRACTION JOINT FORM IN PLACE

TABLE OF FORM HEIGHTS (H)		6	7	8	9	10	11	12
SLAB THICKNESS (T) (in.)	FORM HEIGHT (H) (in.)	5 1/4	5 1/2	5 3/4	6 1/4	7 1/4	8 1/4	9 1/4

The values shown above are minimum heights.

General Notes:

1. Crown, pavement width, and pavement thickness shall be as shown on typical sections elsewhere in plans. Where more than one is shown on the typical sections, the Type 1 longitudinal joint shall be used as a construction joint, unless a traveling form is used as a construction joint.
2. The use of Types A & B transverse contraction joints is optional except at headers and structure ends. Type C transverse contraction joints shall be provided at all headers and of all structure ends as shown elsewhere in plans. Other means of load transfer may be used when approved by the Engineer.
3. The weakened plane in Types 1, 2, A, B, & C shall be true to line, vertical, and of depth shown. For Types 2, B, & C, the weakened plane shall be formed by (a) sawing by an approved machine, or (b) an asphalt board strip held in an approved continuous metal shield and continuously in a groove cut in the concrete, by an approved mechanical device operating in advance of the longitudinal joint, or (c) an asphalt board strip held in an approved continuous metal shield and continuously in a groove cut in the concrete, by an approved mechanical device operating in advance of the longitudinal joint, or (d) an alternate method which, prior to its use, has been approved by the Engineer. The weakened plane shall be formed by sawing with an approved machine if it shall be sealed with rubber joint compound. The weakened plane shall be sealed with rubber joint compound just prior to surfacing. The minimum length of the weakened plane as shown in Types 2, B, & C does not apply to (b) and (c) above.
4. Type 1 longitudinal joint may be formed by a metal form, wood form, or other means, which prior to its use, has been approved by the Engineer.
5. The Contractor will be required to vibrate the concrete adjacent to the form to the extent necessary that all corrugations are filled. Concrete. Over vibration shall be avoided in all cases.
6. Tie bars shall be secured parallel to the pavement surface and perpendicular to the weakened plane by a bar chair or accurately positioned on the screeded concrete by means of an approved template and forced to the proper position with suitable test, other means, which prior to its use, has been approved by the Engineer.
7. When work is stopped due to breakdown or other cause, concrete shall be removed beyond last contraction joint in place and header bar its use, has been approved by the Engineer.
8. On two lane pavements where circular or parabolic crown is specified, the Metal Contraction Joint Form shall be placed with ends of its use, has been approved by the Engineer.
9. Unless otherwise specified by the Engineer, the minimum length of Metal Contraction Joint Form shall be one width minus 1/8 inch. Where shorter are permitted, they shall be held together by any means which holds adjoining sheets in line and which is approved by the Engineer.
10. Expansion joints shall be provided only at structure ends as shown elsewhere in plans.

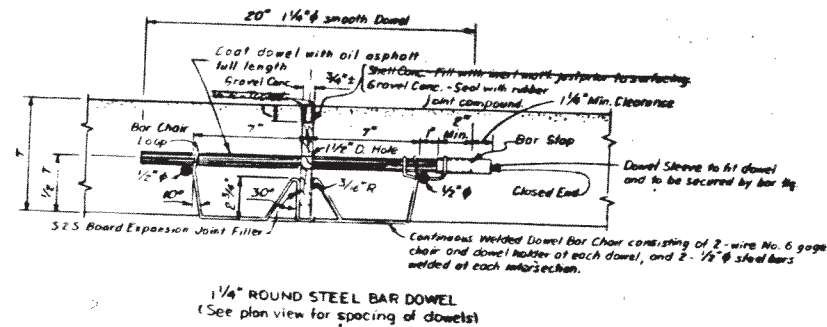
PLAN VIEW OF LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS

TEXAS HIGHWAY DEPARTMENT
CONCRETE PAVEMENT
CONTRACTION DESIGN
CPCD- 57 MOD.

ON	REF	DATE	12-57	STATE	FEDERAL PROJECT NO.			
CH	REF	CHANGED	12-57	0	PLANS	412-149		
5	5	Modified District 20	5-58	STATE	COUNTY	ROOM	SECT	NO.
5	JAN			20	Chambers	508	5	5



Board Joint Filter of specified type shall be secured on subgrade in exact position and line as illustrated or by other approved device. Pias shall be removed after passage of finishing machine, then pavement resurfaced by second pass of finishing machine. After second passage of finishing machine remove concrete to 1" below top of board and nail 3/4" x 3/8" wood strip to top of board filter to form joint seal space. Replace concrete and finish with longitudinal float. The wood top strip shall not be removed until immediately prior to filling joint.

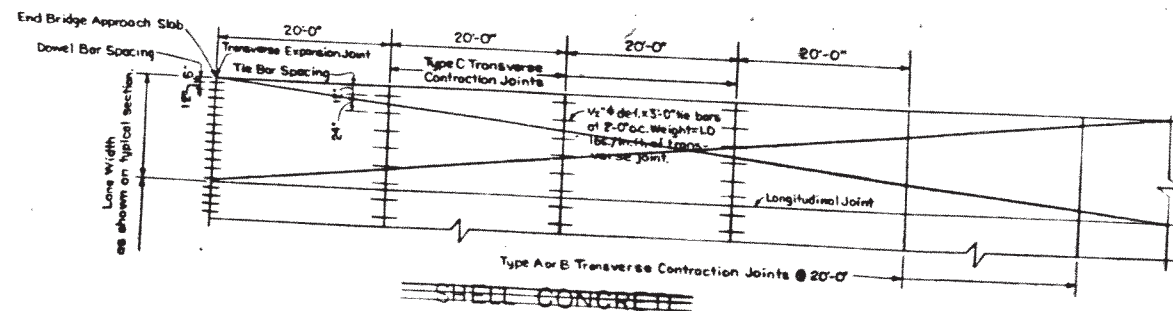
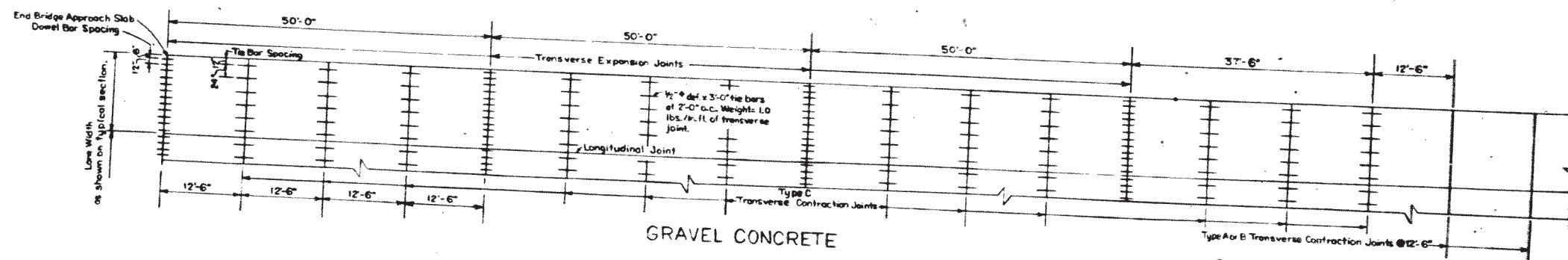


The Contractor shall hold and save the State, its officers, its agents, and its employees harmless to liability of any nature or kind, including costs and expenses, for or on account of any patent or unpatented invention, article or appliance manufactured or used in accordance with the details of these plans.

TRANSVERSE EXPANSION JOINT

GENERAL NOTES

- METAL NOTES**
1. If the Contractor desires to use any other alternate device, he shall, prior to its use, secure its approval by the Engineer.
 2. Dowels shall be secured parallel to the pavement surface and center line.
 3. All joints, including all materials, devices, and work required shall be considered subsidiary work and shall be included in unit prices for this for "Concrete Pavement-Base-Concrete Base". No direct payment will be made for any material, bar, chain, steel, or any other device shown, nor for its installation.



PLAN VIEW OF TRANSVERSE
EXPANSION & CONTRACTION
JOINTS AT STRUCTURE ENDS

Note: For details of Types A, B, & C transverse contraction joints see CPD-57 MOD. standard.

CONCRETE PAVEMENT
EXPANSION JOINT DETAILS AND
JOINT LAYOUT AT STRUCTURE ENDS

PUR. NO. 0	STATE TEXAS	FEDERAL PROJECT NO. F1053(49)			NO. 35
STATE PUR. NO. 20	COUNTRY Chomeros	CONF.	DECL.	AGE	NO.
		5000	3	A	TA