

STATE OF TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

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PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT
IR 35-6(242)472

INTERSTATE HIGHWAY 35
DENTON COUNTY

FROM: COOKE COUNTY LINE
TO: US 77 NORTH OF DENTON

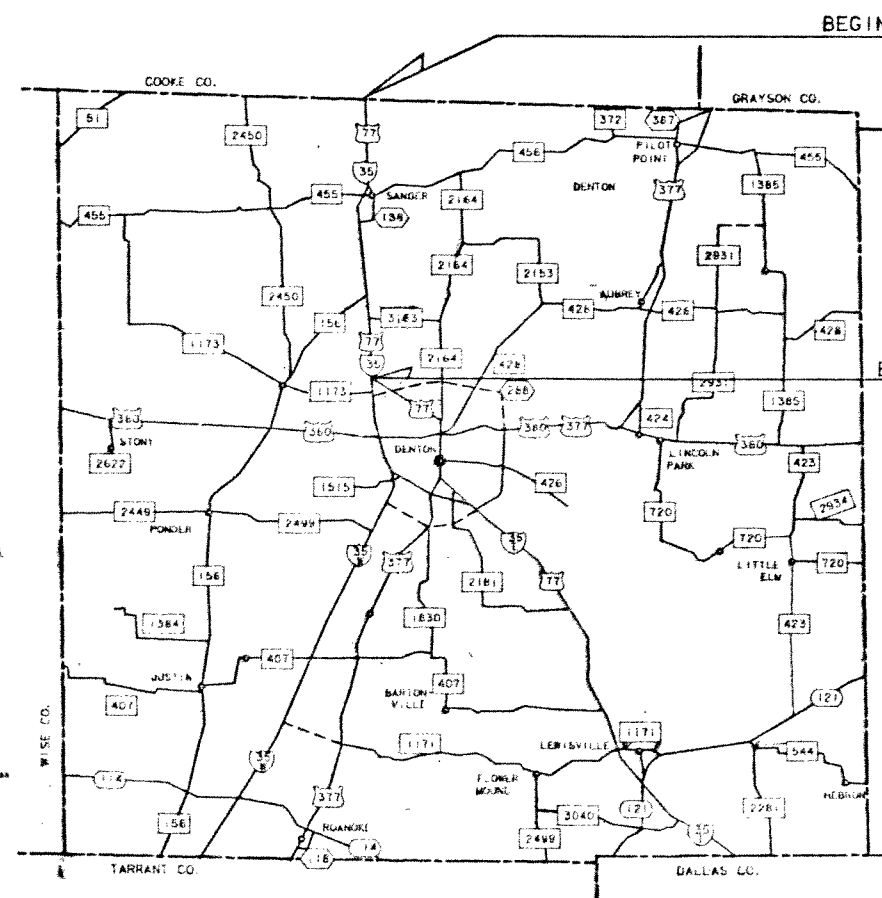
ROADWAY 57,109.79 FT = 10.816 MI
BRIDGES 2,352.91 FT = 0.445 MI
NET LENGTH OF PROJECT 59,462.70 FT = 11.261 MI

TYPE: GRADING, STRUCTURES, CONCRETE PAVEMENT REPAIR, ASPHALT STABILIZED BASE, FLEXIBLE BASE, SEAL COAT, TWO COURSE SURFACE TREATMENT, CONCRETE PAVEMENT, ASPHALTIC CONCRETE PAVEMENT, STORM SEWERS, RETAINING WALLS, SIGNING AND PAVEMENT MARKINGS.

FINAL PLANS

NOTES: THE CONTRACTOR SHALL MAKE HIS OWN INVESTIGATION AND ARRANGEMENTS FOR RAIL DELIVERY POINTS AND TRackage FACILITIES.

THE CONTRACTOR SHALL PROVIDE AND ERECT BARRICADES AND WARNING SIGNS IN ACCORDANCE WITH BC-(1) THRU (7)-1982 AT POINTS INDICATED AND AT OTHER POINTS AS DIRECTED BY THE ENGINEER.



BEGIN PROJECT CONTROL 0195-02-036
STA 0+00.00

EQUATIONS: STA 215+08.3 BK = STA 215+31.2 FWD
STA 398+06.1 BK = STA 398+15.0 FWD
STA 453+90.1 BK = STA 453+95.6 FWD

NO EXCEPTIONS

END PROJECT CONTROL 0195-02-036
STA 595+00.00

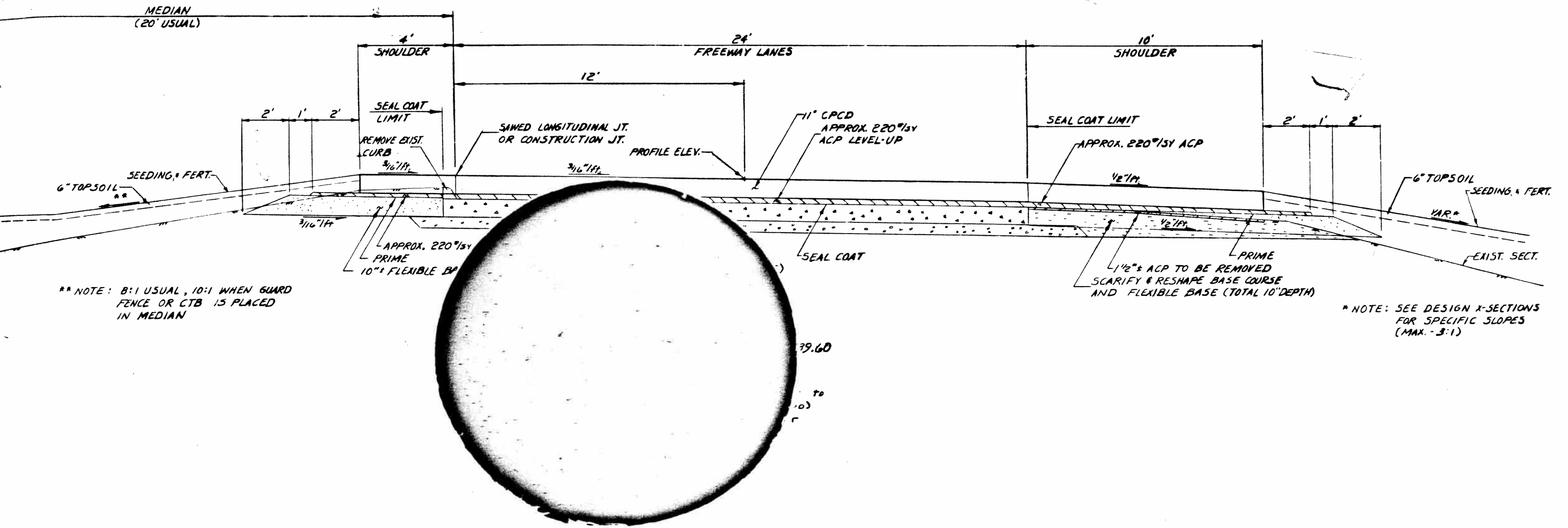
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION

CORRECTED: *Oct 14, 1986*
Donald L. Bird
SUPERVISING RESIDENT ENGINEER
APPROVED: *Nov 13, 1986*
John D. Stanger
DISTRICT DESIGN ENGINEER
RECOMMENDED FOR APPROVAL: *Nov 14, 1986*
Robert C. Thibault
APPROVED: *12-16-86*
Russ Hogg
BRIDGE ENGINEER
APPROVED: *Jan 1, 1987*
Jim J. Bell
DIVISION ADMINISTRATOR

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED: _____
DIVISION ADMINISTRATOR
DATE: _____

NOTE: SPECIFICATIONS ADOPTED BY THE STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION OF TEXAS, SEPTEMBER 1, 1982, AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT. REQUIRED CONTRACT PROVISIONS, ALL FEDERAL AID CONSTRUCTION CONTRACTS (FORM PR-1273, SEPTEMBER, 1975 AND ITS AMENDMENT, JANUARY 1980).

H.35 (SYMM.)



** NOTE: 8:1 USUAL, 10:1 WHEN GUARD FENCE OR CTB IS PLACED IN MEDIAN

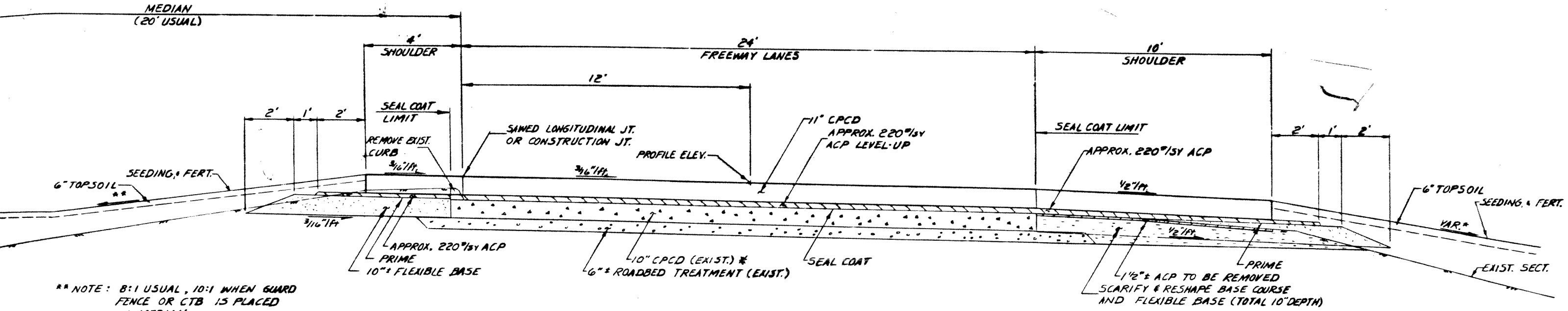
* NOTE: SEE DESIGN X-SECTIONS FOR SPECIFIC SLOPES (MAX. - 3:1)

GENERAL NOTES:
1. P.V.M.T. X-SLOPES SHOWN ARE FOR NORMAL SECTIONS. FOR SPECIFIC X-SLOPES SEE DESIGN X-SECTIONS.
2. TRANSITION NORMAL SHOULDER SLOPE TO STRUCTURE SLOPE IN 100' ADJACENT TO BRIDGE APPROACH SLABS.

TYPICAL SECTIONS
FREEWAY LANES BASE & PAVEMENT
SHEET 1 OF 8

FED. RD. DIST. NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.
18	TEXAS	1R35-6(242)+72	2
COUNTY	CONTRACT	SECTION	MILEAGE
DENTON	195	2	951.53

4.35 (51MM)



** NOTE: 8:1 USUAL, 10:1 WHEN GUARD FENCE OR CTB IS PLACED IN MEDIAN

FREEWAY LANES
BEG. OF PROJ. ~ STA. 574+39.60

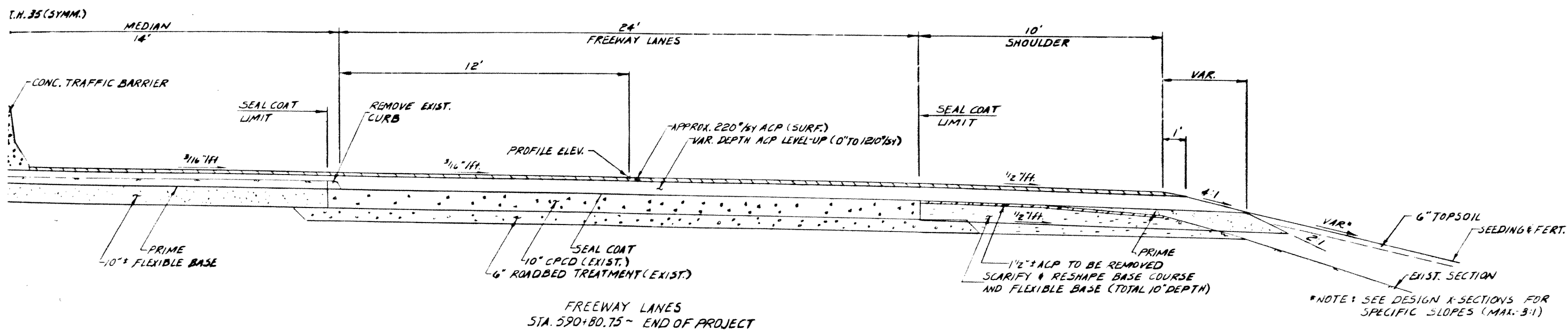
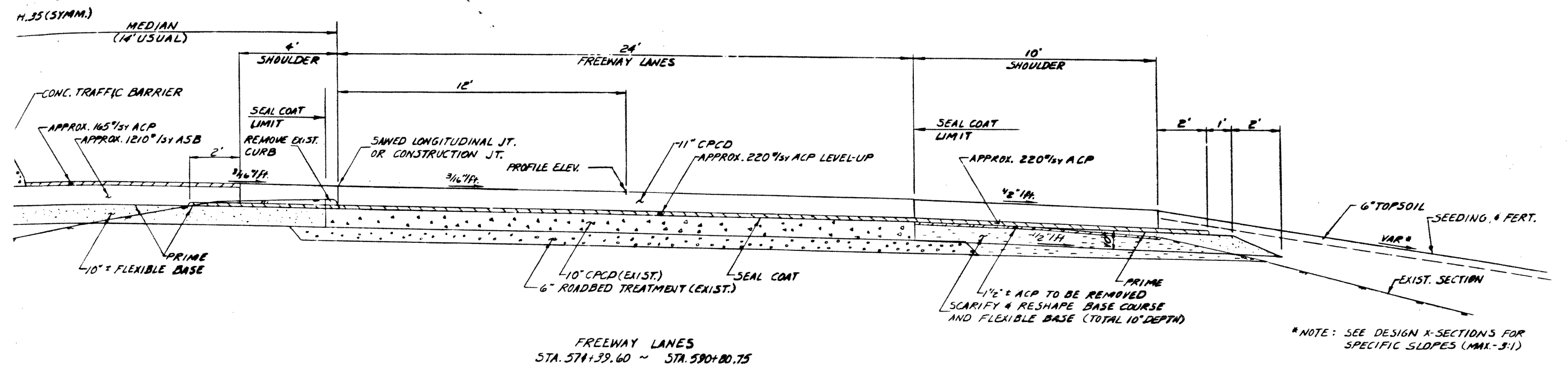
* SB Lanes from Beg of Project to FM 55 Overpass (Approx sta 212+00) to be Broken and Sealed prior to overlay.

* NOTE: SEE DESIGN X-SECTIONS FOR SPECIFIC SLOPES (MAX. -3:1)

GENERAL NOTES:
1. PMVT. X-SLOPES SHOWN ARE FOR NORMAL SECTIONS. FOR SPECIFIC X-SLOPES SEE DESIGN X-SECTIONS.
2. TRANSITION NORMAL SHOULDER SLOPE TO STRUCTURE SLOPE IN 100' ADJACENT TO BRIDGE APPROACH SLABS.

TYPICAL SECTIONS
FREEWAY LANES BASE & PAVEMENT
SHEET 1 OF 8

DES. NO.	STATE	FEDERAL PROJECT NO.
10	TEXAS	1R35-6(242)472
STATE	COUNTY	CONTRACT
10	DEALTON	100 2 1 1 1

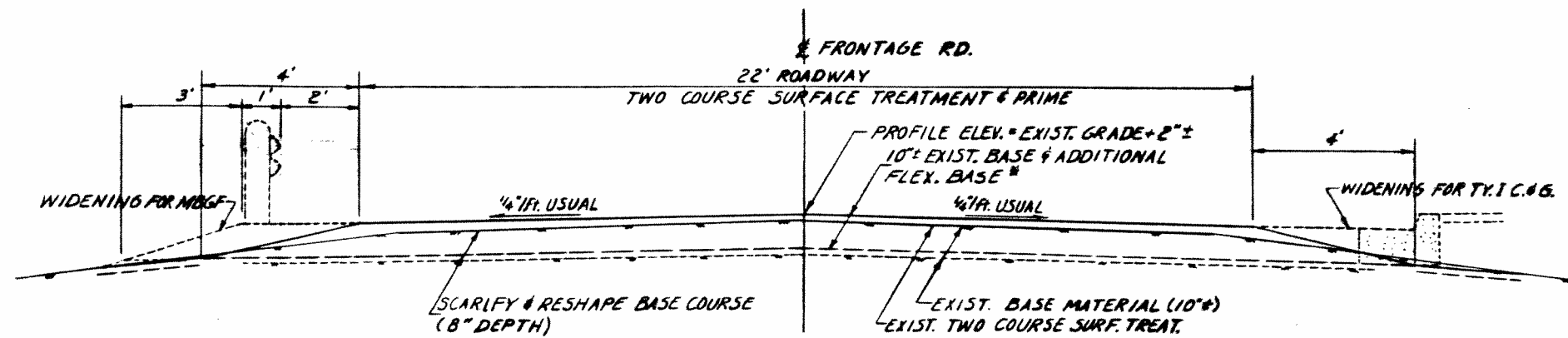


GENERAL NOTES:

1. PVMT X-SLOPES SHOWN ARE FOR NORMAL SECTIONS, FOR SPECIFIC X-SLOPES SEE DESIGN X-SECTIONS.
2. TRANSITION NORMAL SHOULDER SLOPE TO STRUCTURE SLOPE IN 100' ADJACENT TO BRIDGE APPROACH SLABS.

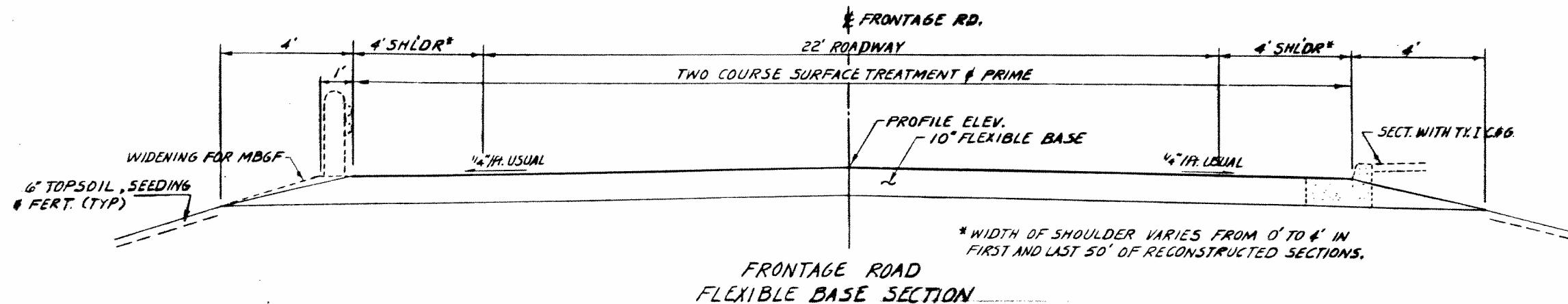
FED. RD. DIST. NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.
18	TEXAS	1R35-6(242) 472	3
COUNTY	COUNT	SHEET	FROM
DENTON	95	2	35

3

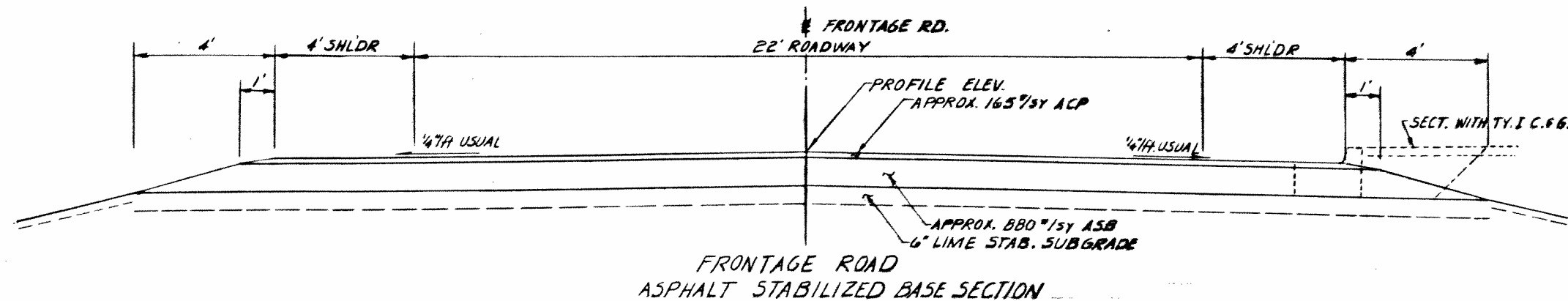


*ADDITIONAL FLEX. BASE ESTIMATED
AT 35 TONS PER STATION.

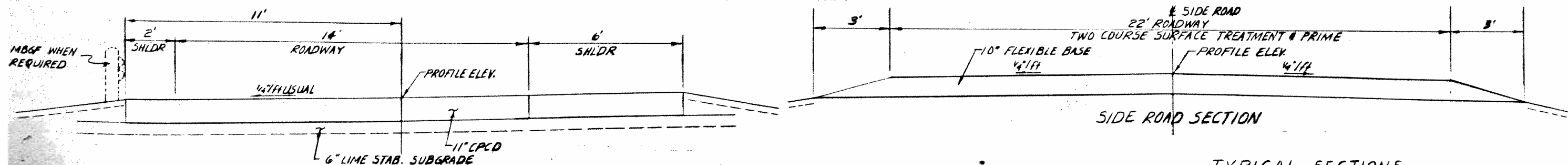
<u>LIMITS</u>			
<u>LEFT FRONTAGE RD.</u>		<u>RIGHT FRONTAGE RD.</u>	
FROM STA.	TO STA.	FROM STA.	TO STA.
0+00 (COUNTY LINE)	23+00	0+00 (COUNTY LINE)	28+50
35+50	65+00	37+00	65+00
77+50	106+75	77+50	92+00
120+50	165+00	101+50	107+50
177+50	165+00	120+50	165+00
252+00	284+92	177+50	182+00
289+00	313+00	252+00	313+00
325+00	334+00	325+00	335+00
339+00	405+00	339+50	365+19
402+95	422+50	369+14	402+00
431+50	471+00	403+25	422+50
477+00	572+83	431+50	461+00
		463+00	576+30



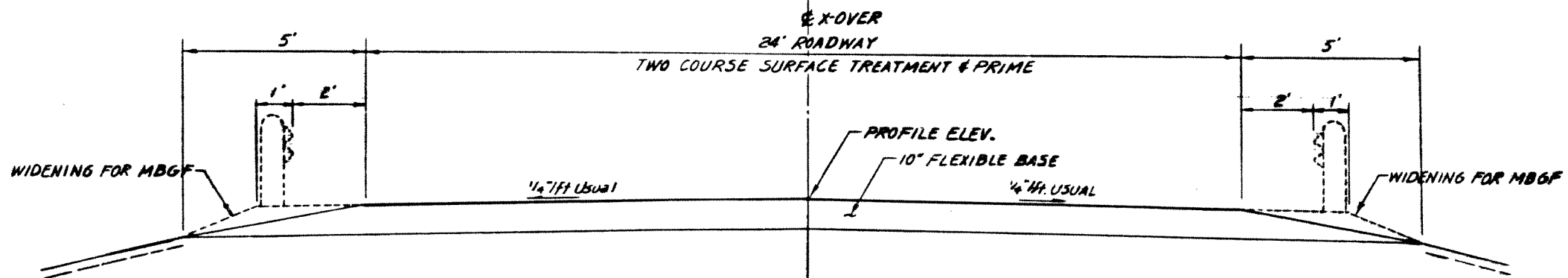
<u>LIMITS</u>	
<u>LEFT FRONTAGE RD.</u>	<u>RIGHT FRONTAGE RD.</u>
FROM STA.	TO STA.
23+00	35+50
65+00	77+50
106+75	120+50
165+00	177+50
284+92	289+00
422+50	431+50
471+00	477+00



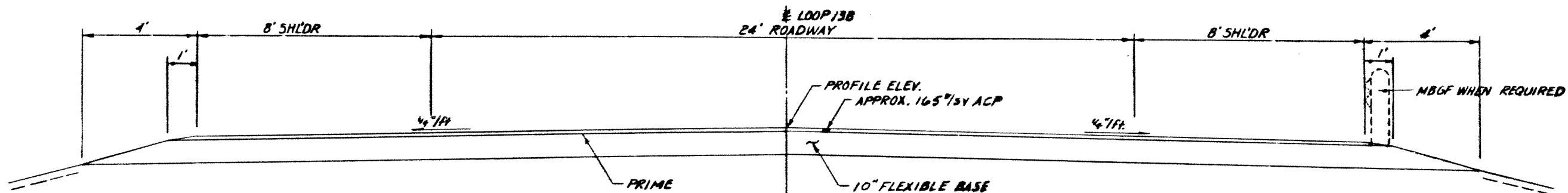
<u>LIMITS</u>			
<u>LEFT FRONTAGE RD.</u>		<u>RIGHT FRONTAGE RD.</u>	
<u>FROM STA.</u>	<u>TO STA.</u>	<u>FROM STA.</u>	<u>TO STA.</u>
185+00	196+50	182+00	198+00
572+83	591+00	576+30	581+00



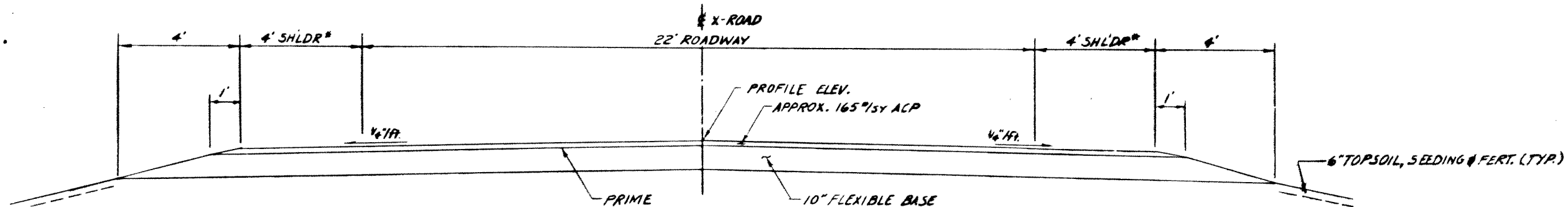
TYPICAL SECTIONS
FRONTAGE ROAD &
SIDE ROADS



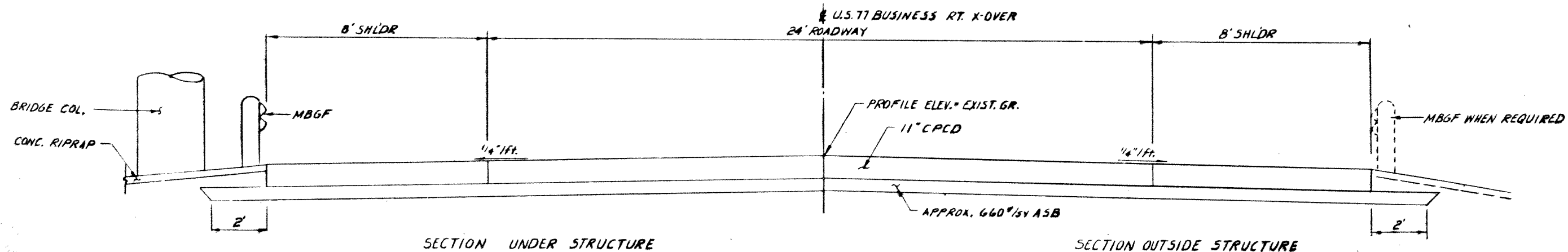
X-OVERS AT
STA. 28+00, 72+50, 115+00, & 172+50



LOOP 138



X-ROADS AT
STA. 367+50, 461+94, & 518+60



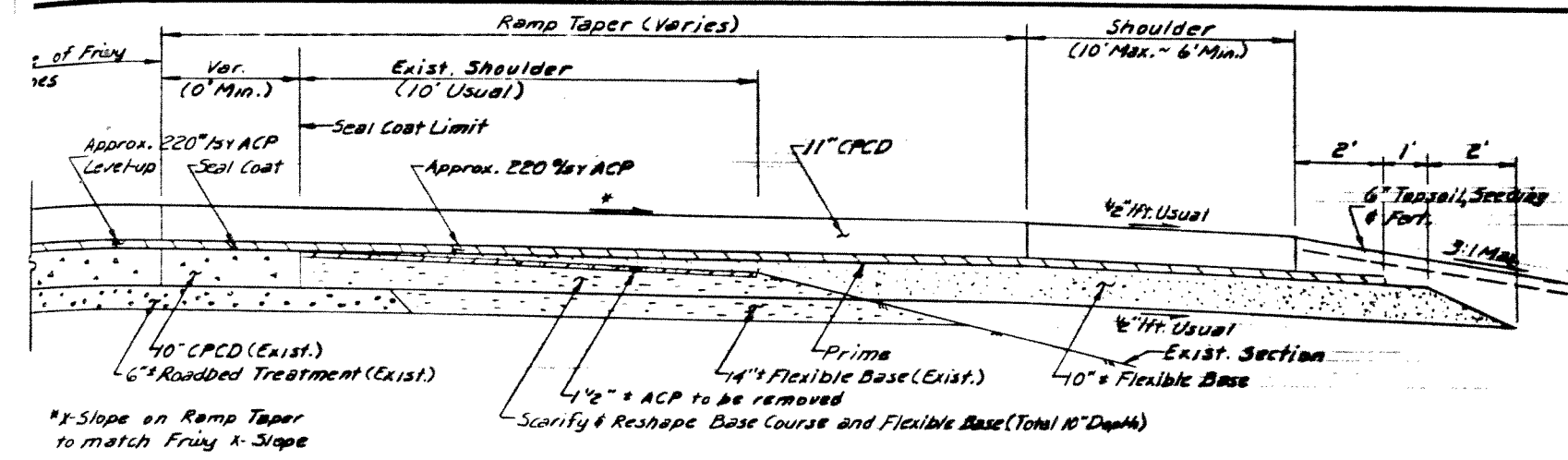
SECTION UNDER STRUCTURE

SECTION OUTSIDE STRUCTURE

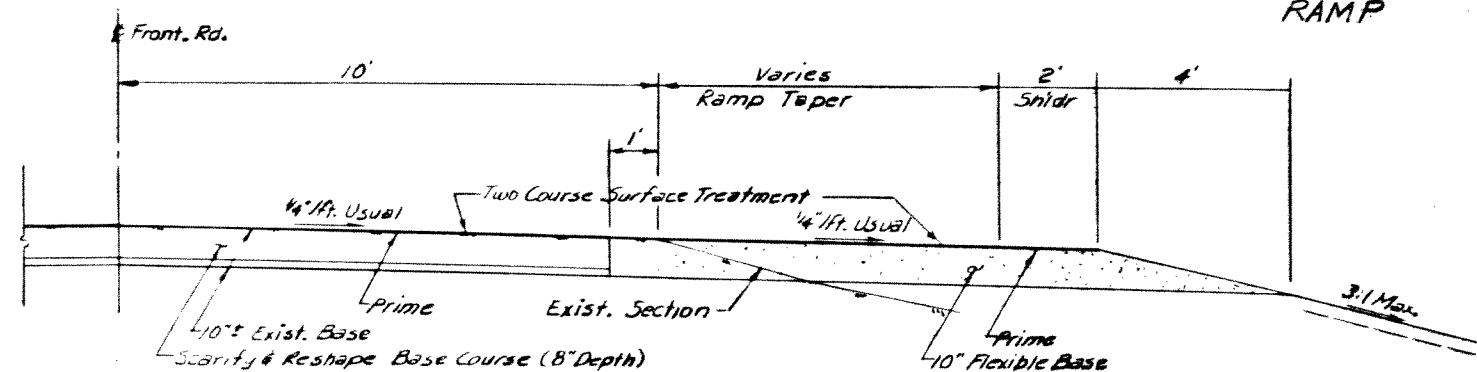
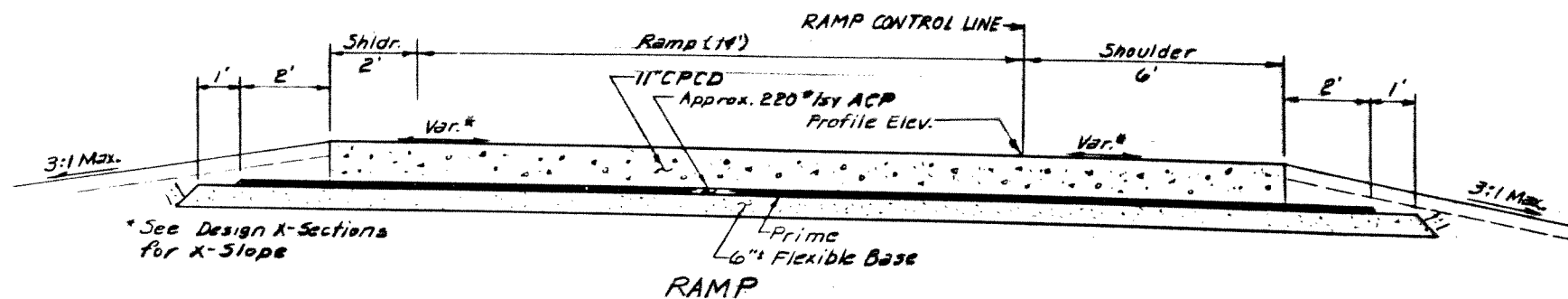
U.S. 77 BUSINESS RT. X-OVER

TYPICAL SECTIONS
X-ROADS

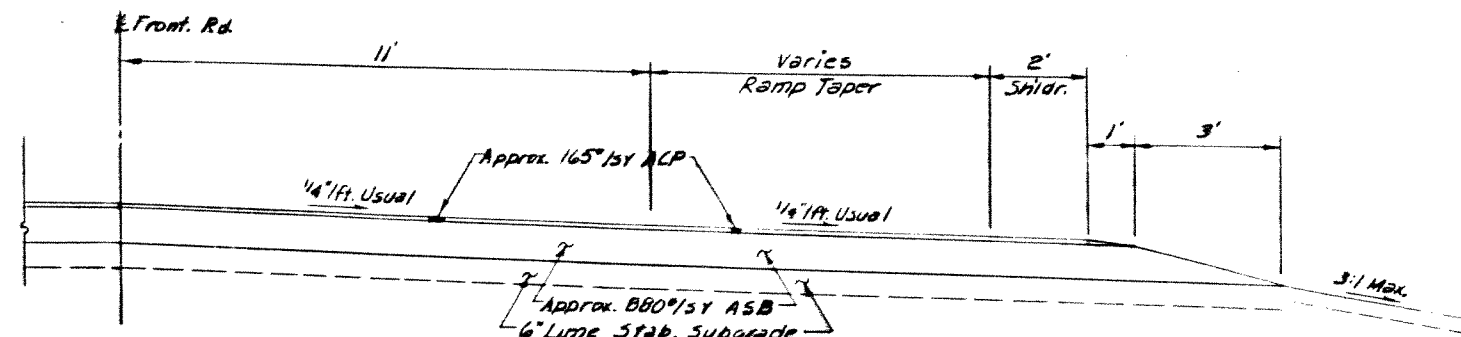
NO.	STATE	PROJECT NO.	SHEET NO.
1	TEXAS	1R35-6(242)472	5
DATE	COUNTY	CONTRACT	NO.
10/1/88	DADE	100	5



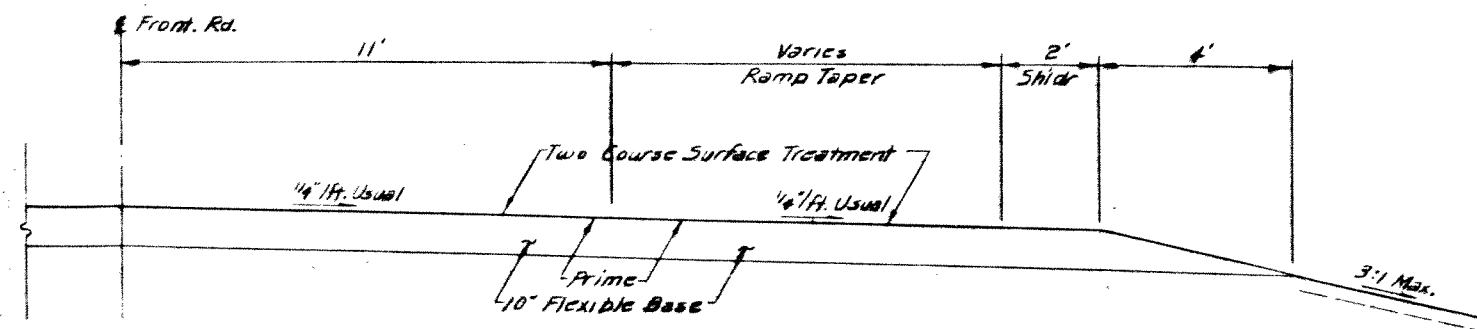
RAMP TAPER ALONG FREEWAY LANES



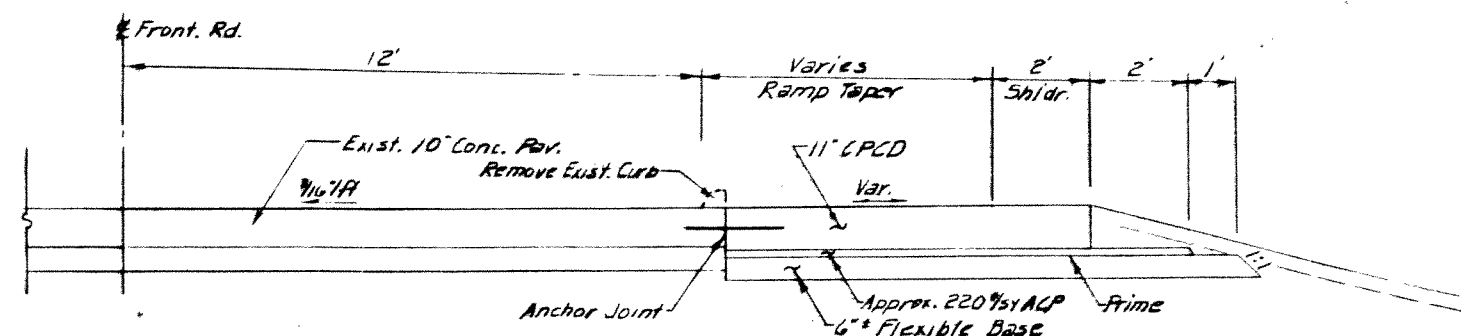
RAMP TAPER ALONG FRONTAGE RD.
(SCARIFY & RESHAPE SECTION)



RAMP TAPER ALONG FRONTAGE RD.
(ASPHALT STAB. BASE SECTION)



RAMP TAPER ALONG FRONTAGE RD.
(FLEXIBLE BASE SECTION)

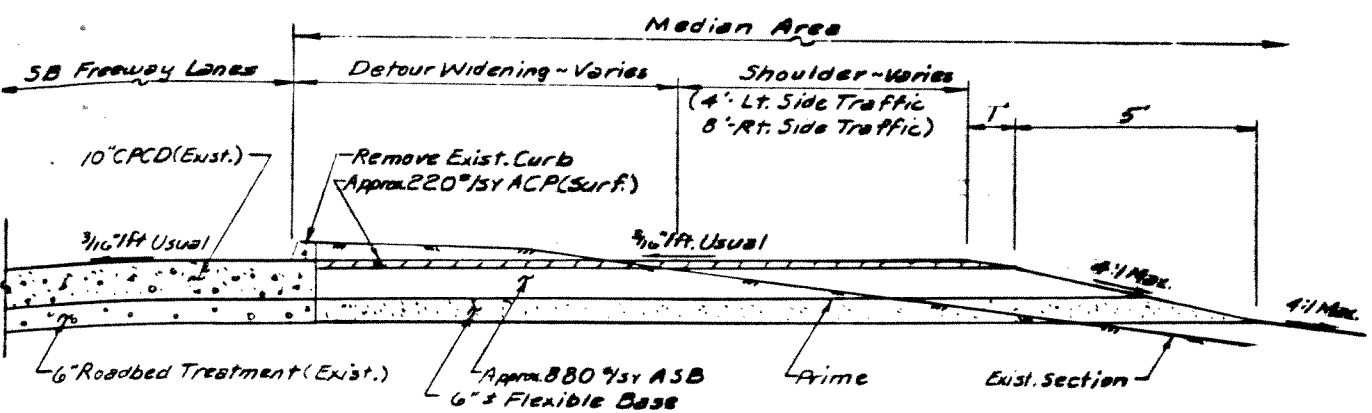


RAMP TAPER ALONG FRONTAGE RD.
(EXIST. CONC. PVMT. SECTION)

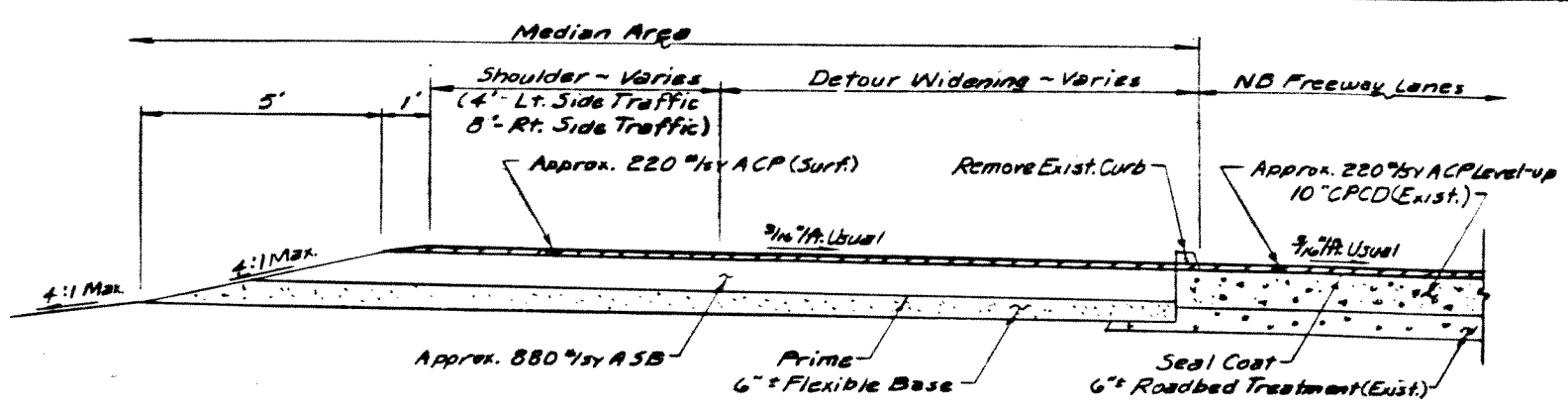
TYPICAL SECTIONS
RAMP & RAMP TAPERS BASE & PAVEMENT

PWD NO.	STATE	PROJECT NO.
REV. NO.	TEXAS	1R 35-6(242)472
DATE	COUNTY	CONTRACT
BY	NO.	NO.

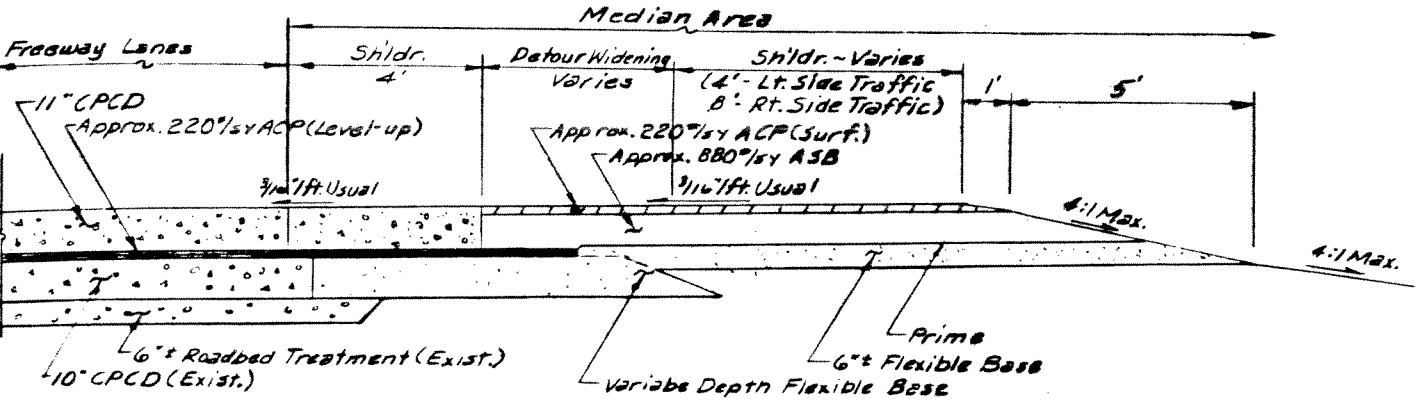
6



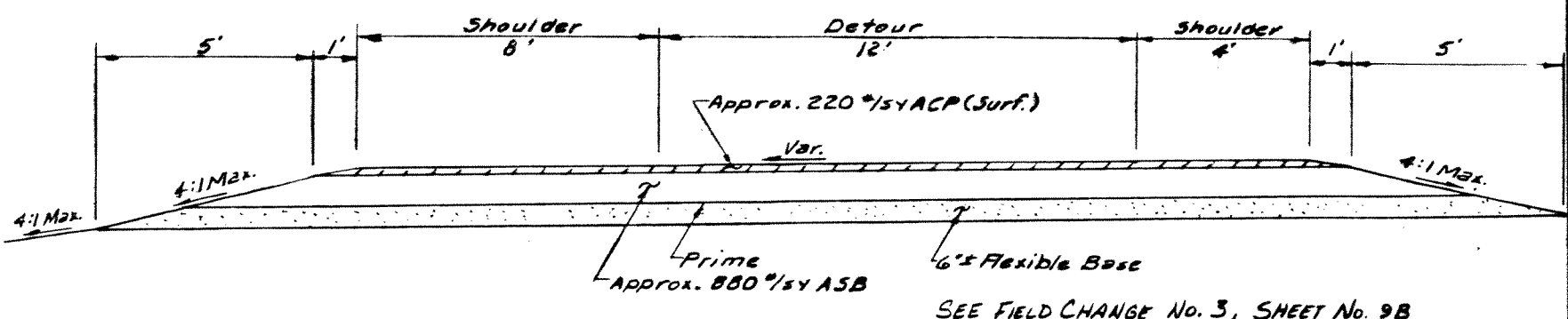
FREEWAY DETOUR WIDENING ON EXISTING SB LANES



FREEWAY DETOUR WIDENING ON EXISTING NB LANES

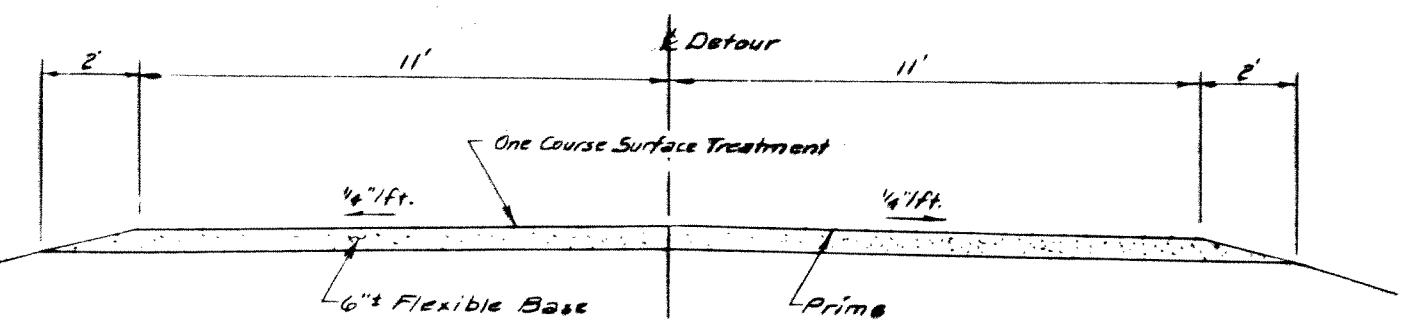


FREEWAY DETOUR WIDENING ON PROPOSED NB & SB LANES

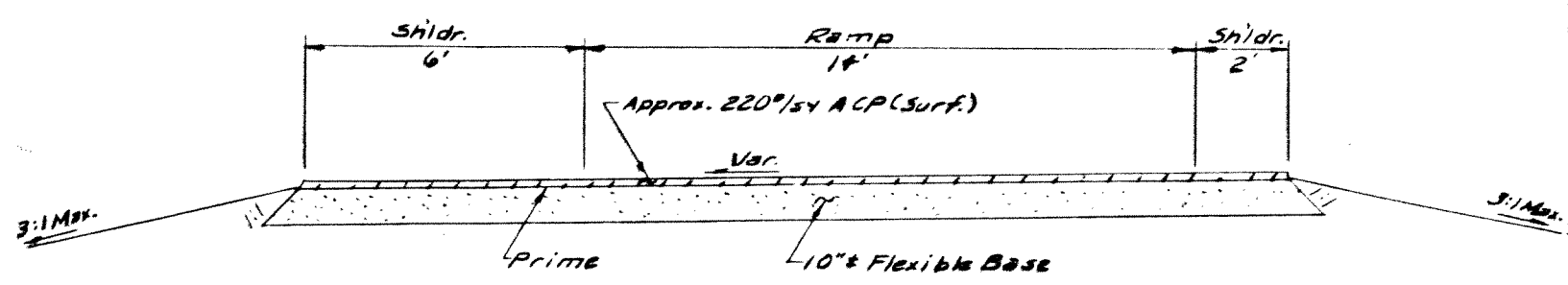


FREEWAY DETOUR

FREEWAY LANE DETOUR



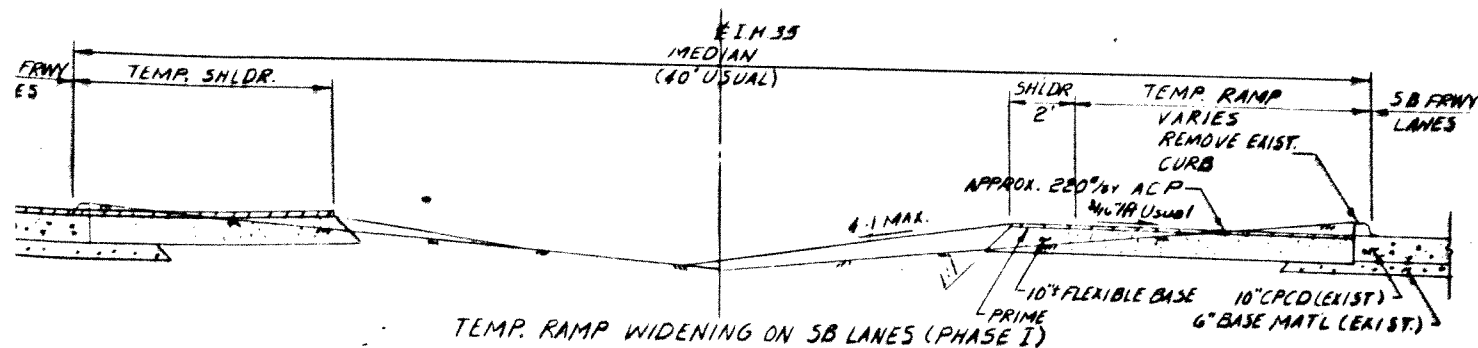
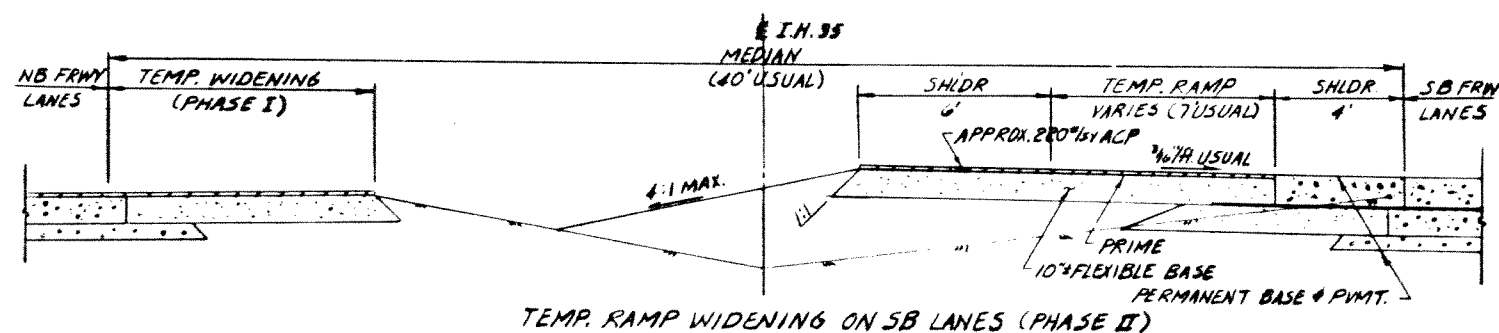
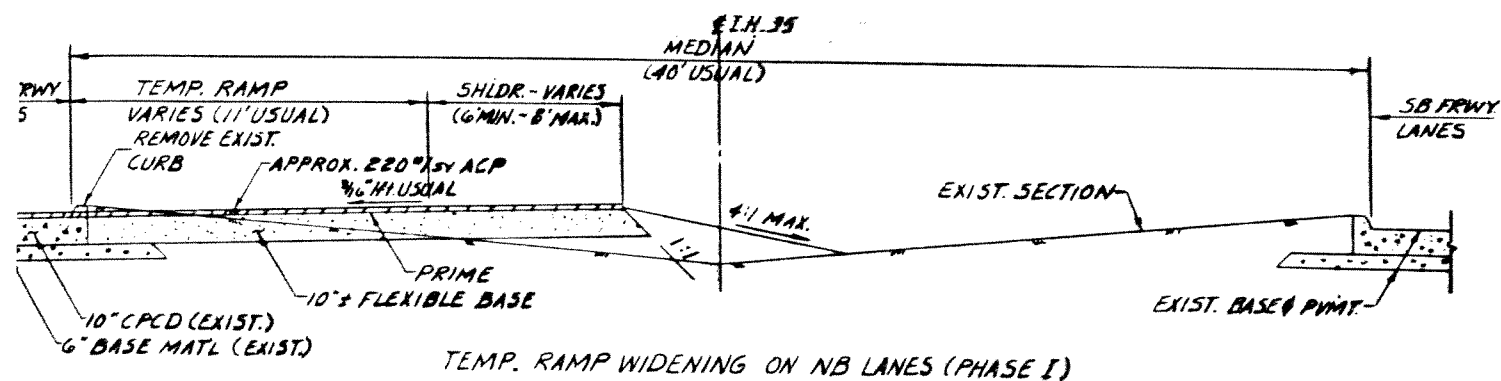
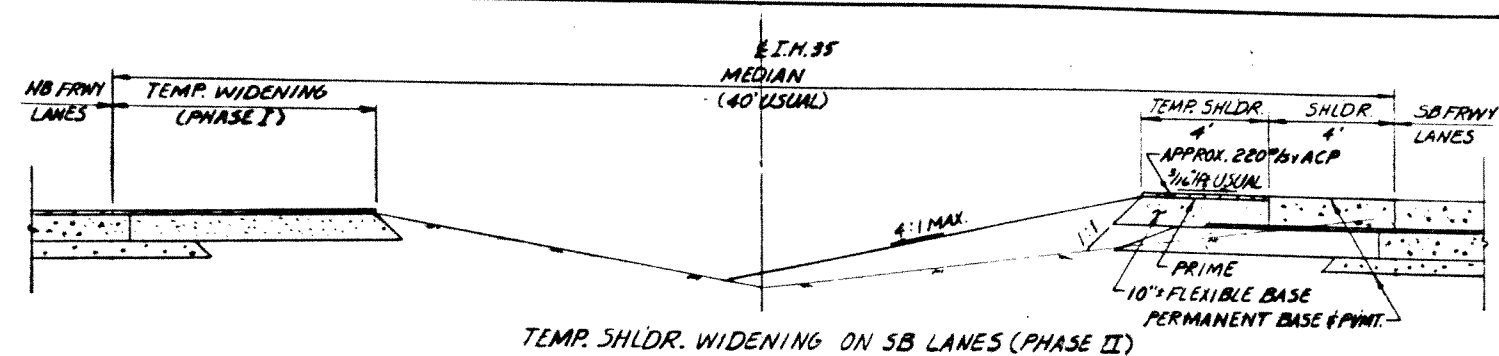
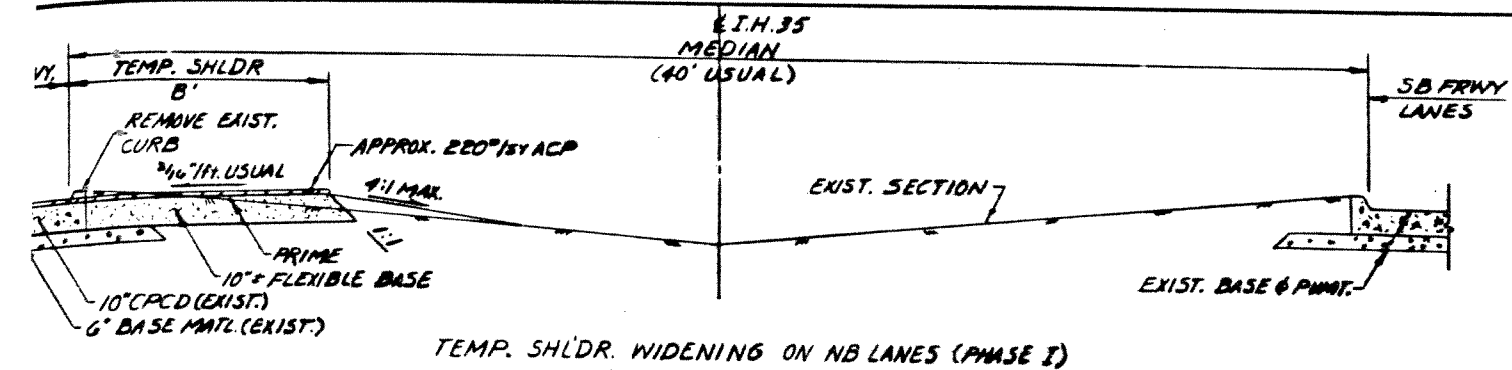
FRONTAGE ROAD DETOUR



RAMP DETOUR

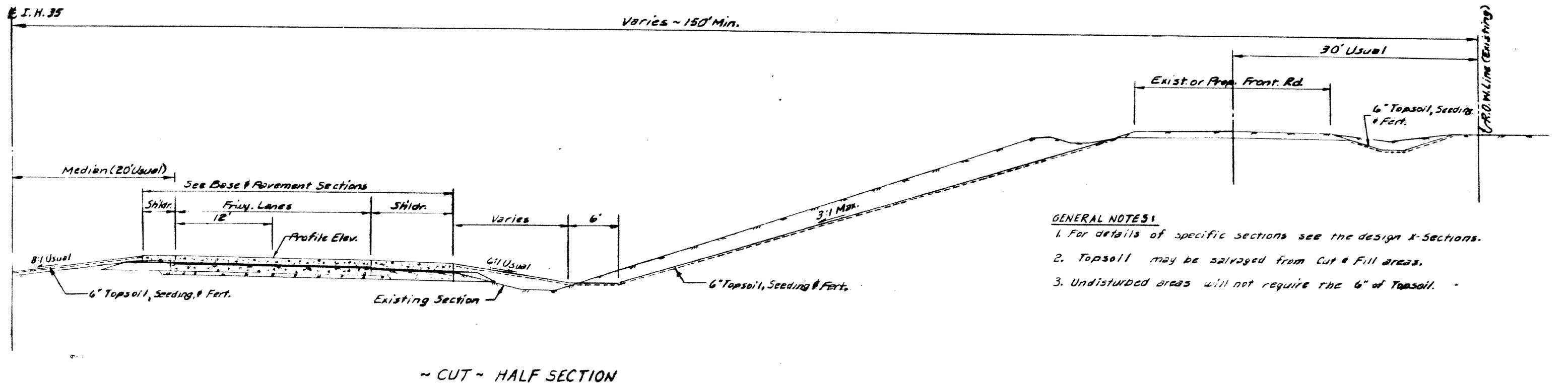
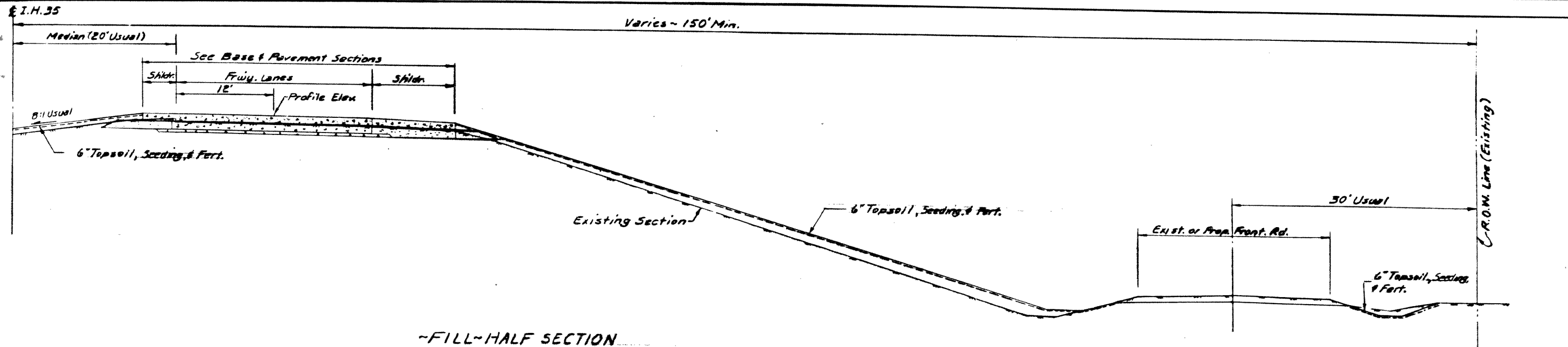
TYPICAL SECTIONS
FREEWAY, RAMP, & FRONTAGE RD. DETOURS

PROJ. NO.	STATE	PROJECT NO.	SHEET NO.
135-6(242)472	TEXAS		7
COUNTY	CONTRACT	DATE	REVISION



TYPICAL SECTIONS
TEMPORARY SHLDR. & RAMP WIDENING

FED. RD. DIST. NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.
6	TEXAS	TR-35-6(242) 472	8
STATE DIST. NO.	COUNTY	CONTRACT NO.	SECTION NO.



GENERAL NOTES:

1. For details of specific sections see the design X-Sections.
2. Topsoil may be salvaged from Cut & Fill areas.
3. Undisturbed areas will not require the 6" of Topsoil.

TYPICAL SECTIONS
GRADING

SHEET 8 OF 8

PROJ. NO.	STATE	PROJECT NO.	SHEET NO.
18	TEXAS	1R 35-6(242)472	9
COUNTY	CONTRACT	DATE	BY
DENTON	195 2	75	LS