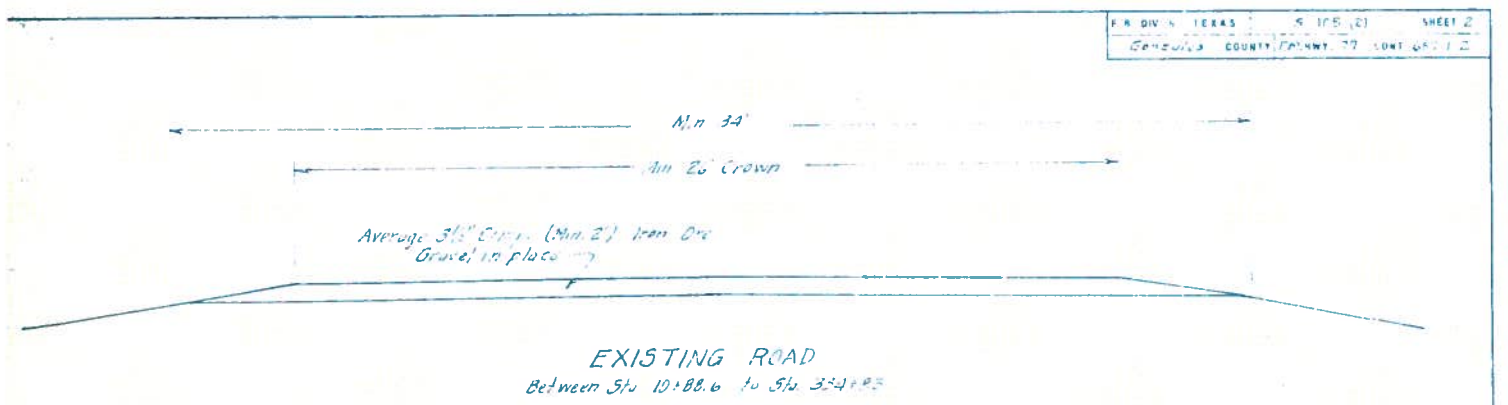
ESTIMATE SUMMARY

ITEM	DESCRIPTION	QUANTITIES		UNIT
		Estimated	Final	
202 & Sp.	Sprinkling	322	570.1	M. Gal
203 B.B. Sp.	Rolling	161	149.C	Hr.
204 & Sp.	Blading	161	196.5	Hr.
300	Prime Coat (MC-1)	18091	18105	Gal.
304 A & Sp.	Asphalt (OA-175)	23405	20761	Gal.
304 A & Sp.	Aggregate	836		C.Y.

Basis of Estimation
Sprinkling — 1000 Gal./Sta.
Rolling — ½ Hr. Per Sta.
Blading — ½ Hr. Per Sta.

QUANTITY SUMMARY



Note All Curves to be Superelevated and Widened in accordance with attached Sht. S.W.C. 39 Table 12 except Curve Sta 12+17.8 to 22+17.8 which shall be Superelevated .3 of a foot.
Between Sta 10+88.6 to 12+17.8 the roadbed and Surf. Tr. shall be Widened 4 feet.

Rates of Application for Single Asph Surf. Tr.

Location	Tack Coat (MC-1)	Asphalt (OA-175)	Aggregate
Trial	0.3 Gal./S.Y.	0.4 Gal./S.Y.	1 C.Y. to 90 S.Y.

TYPICAL SECTIONS

LAND SERVICE ROADS SHEET 1

INDEX OF SHEETS

1 TITLE SHEET
2 TYPICAL SECTIONS
STRUCTURE SUMMARY
3 QUANTITY SUMMARY
4 S.W.C. 39
5 B.W.-41

TEXAS HIGHWAY DEPARTMENT

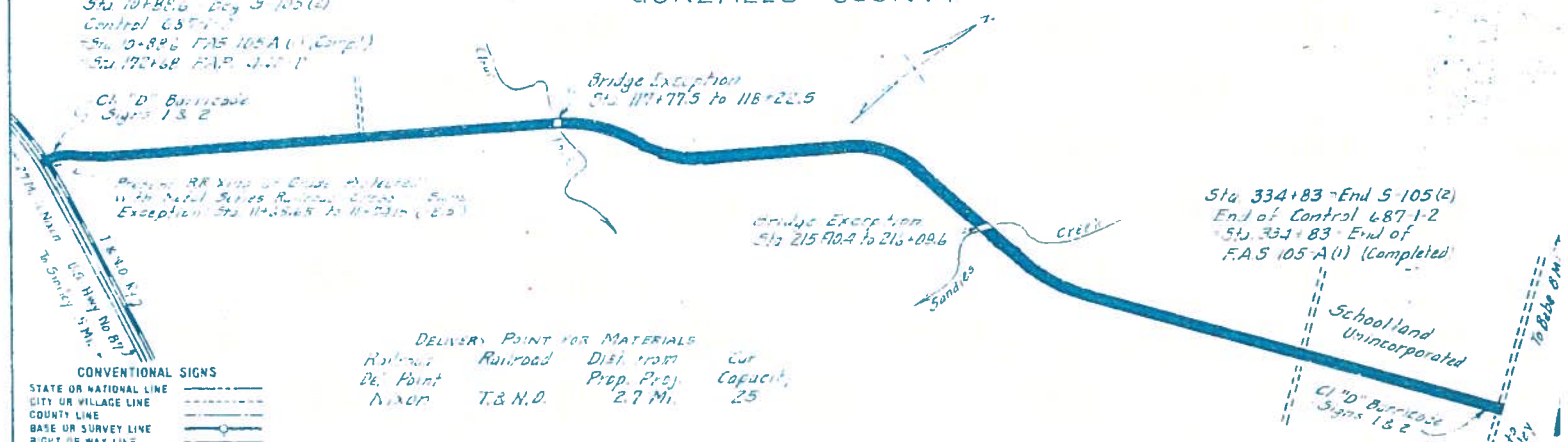
F. M. HIGHWAY NO. 77

FEDERAL AID PROJECT NO. S-105 (2)

PLANS OF PROPOSED

RESHAPING BASE COURSE AND SINGLE ASPH SURF TR.
NET LENGTH 32,242.5 FT = 6.106 MILES
FROM JCT. WITH U.S. HWY 87 TO SCHOOLLAND
GONZALES COUNTY

FED. RD. DIV. NO.	STATE	FEDERAL PROJECT NO.			SHEET NO.
6	TEXAS	S-105 (2)			1
STATE DIST. NO.	COUNTY	CONT.	SECT.	JOB	HIGHWAY NO.
13	GONZALES	687	1	2	FM. 77



DELIVERY POINT FOR MATERIALS

Material	Railroad	Dist. from Prop. Proj.	Cap.
Del. Point			
Rock	T. & N.O.	2.7 Mi.	25

CONVENTIONAL SIGNS

STATE OR NATIONAL LINE
CITY OR VILLAGE LINE
COUNTY LINE
BASE OR SURVEY LINE
RIGHT OF WAY LINE
RIGHT OF WAY MARKERS
FENCE LINE
RAILROAD
TRAVELLED WAY
CULVERT OR BRIDGE
POWER LINE
TELEGRAPH OR TELEPHONE

FEDERAL PROJECT MARKERS OF APPROVED DESIGN WILL BE ERECTED AT EACH END OF PROJECT PRIOR TO COMPLETION

SPECIFICATIONS ADOPTED BY THE STATE HIGHWAY DEPARTMENT OF TEXAS JANUARY 13 1938 AND APPROVED BY THE PUBLIC ROADS ADMINISTRATION FEBRUARY 10 1939 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS SHALL GOVERN ON THIS PROJECT. REQUIRED SPECIAL PROVISIONS FOR FEDERAL AID PROJECTS, APPROVED SEPT. 16, 1945.

EQUATION:
Sta. 240+08.8 = 241+07.8 (-59.2)
EXCEPTIONS:
Sta. 11+65.65 to 11+74.15 (-8.5)
Sta. 117+77.5 to 118+22.5 (+45.)
Sta. 215+70.4 to 216+09.6 (-39.2)
TOTAL EXCEPTIONS 92.7 Ft.
No R.R. Grade Crossings Eliminated
One R.R. Grade Crossing Retained (Area)

SCALE 0 1000 2000 — 1" = 2000 F T

TEXAS HIGHWAY DEPARTMENT

CORRECT. Jan 1946
RESIDENT ENGINEER
RECOMMENDED FOR APPROVAL Jan 28, 1946
DISTRICT ENGINEER
RECOMMENDED FOR APPROVAL
ENGINEER LAND SERVICE ROADS
APPROVED
ASST. STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL:
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
APPROVED
DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY