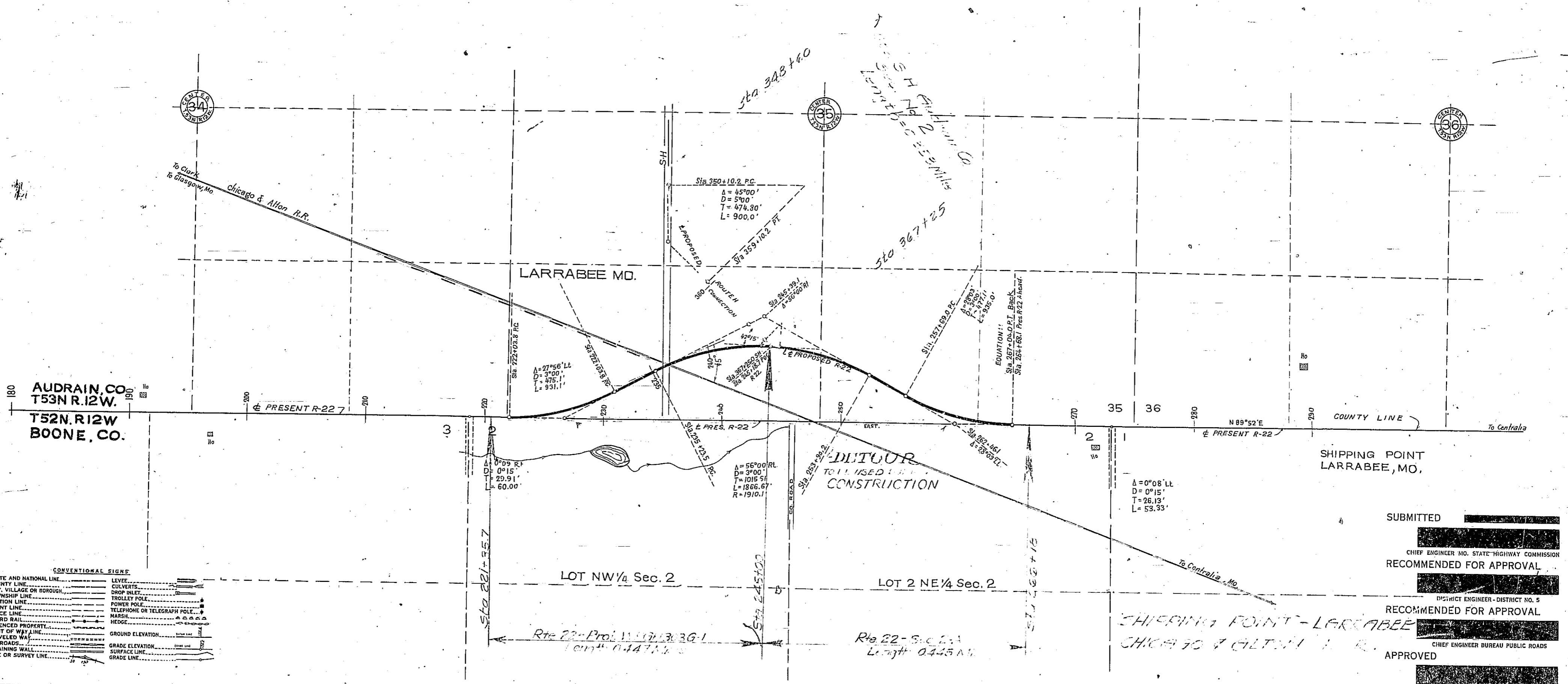
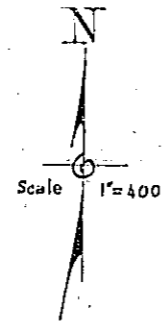


MISSOURI
STATE HIGHWAY COMMISSION
PLAN AND PROFILE
OF PROPOSED
STATE ROAD
 FEDERAL AID PROJECT
AUDRAIN COUNTY

PLAN 1 IN. = 100 FT.
 PROFILE, HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
 CROSS-SECTIONS 1 IN. = 5 FT.

U.S. WORKS PROGRAM
GRADE CROSSING PROJ. NO. W.P.G.H. 303 G-1

RTE. 34 - SEC. 2 - AUDRAIN CO.



CONVENTIONAL SIGNS

STATE AND NATIONAL LINE	LEVEE
COUNTY LINE	CULVERTS
CITY, VILLAGE OR BOROUGH	DROP INLET
TOWNSHIP LINE	TROLLEY POLE
SECTION LINE	POWER POLE
GRANT LINE	TELEPHONE OR TELEGRAPH POLE
FENCE LINE	MARSH
GUARD RAIL	HEDGE
UNFENCED PROPERTY	GROUND ELEVATION
RIGHT OF WAY LINE	GRADE ELEVATION
TRAVELED WAY	SURFACE LINE
RAILROADS	GRADE LINE
RETAINING WALL	
BASE OR SURVEY LINE	

SUBMITTED [Redacted]
 CHIEF ENGINEER MO. STATE HIGHWAY COMMISSION
 RECOMMENDED FOR APPROVAL [Redacted]
 DISTRICT ENGINEER - DISTRICT NO. 5
 RECOMMENDED FOR APPROVAL [Redacted]
 CHIEF ENGINEER BUREAU PUBLIC ROADS
 APPROVED [Redacted]
 DIRECTOR BUREAU OF PUBLIC ROADS

Name of Road **MONROE CO. LINE TO RT. 22**

MISSOURI STATE HIGHWAY COMMISSION

County of **AUDRAIN**

Type of Improvement **24' G.E. & GRAV. SURF.**

ESTIMATE SHEET

Length **0.353** Miles

PROJECT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		2A	
DIV. NO.	COUNTY	ROUTE	SHEET NO.	
	AUDRAIN	SH	2	

EXCAVATION				REINFORCED CONCRETE BOX CULVERTS					LENGTH OF PROJECT			SUMMARY							
Station	Class	Excavation	Fill	STATION	STANDARD	SIZE	LENGTH	CONCRETE	REINF.	EXCAV.	REMARKS	Station	Station	Item No.	DESCRIPTION	UNIT	TOTAL UNITS	NO. UNITS	
348+60	A			NO BOX CULVERTS									367+25	348+60	1-D	Class 'A' Excavation	Cu. Yd.	2887	✓
357+00	783	633		V.C. PIPE CULVERTS									1865	1865	1-I	Culvert Excavation	Cu. Yd.	19	✓
362+26	434	332												13-C	Gravel Surfacing (B)	Ton	299.1	✓	
367+25	27	1643	1405											13-CC	Gravel (B) in Stock Piles	Ton	48.8	✓	
														18-E	18" V.C. Pipe Culverts - T.S.	Lin. Ft.	98	✓	
Sub-TOTAL	1244	1643	2370	STATION	18"	Excav.	REMARKS												
Borrow	1643		EE-14	353+00	58'	18"	45° SK-RA.												
				364+00	40'														
GRAND TOTAL	2887	2384		TOTAL	98'	19'													
				F. ENT. & S. ROAD APPROACHES															
				STATION	SIDE	GRAVEL FILL	REMARKS												
				352+0	RI	No PIPE 652'	0 SR See Relay Sec.												
				359+0	RI	No PIPE 30'	6 EE												
				359+0	LT	No PIPE 30'	8 FE												
				TOTAL		1262	14												
				TABULATION OF GRAVEL BOOKS															
				Book No.	STATION TO STATION	DATE	POUNDS												
				1	348+60 to 359+00	October 19 & 20	284 737												
				*2	359+00 to 367+25	" 20	279 182												
				3	SR & FE & Int. Rt. 22	" 20	25 598												
				1-S.P.	357+85 - 358+16	" 20	8 749												
				*Includes Intersection Rte 22 (Additional)															
				TOTAL POUNDS =			598 266												
							= 299.133 TONS												
				GRAVEL "B" IN STOCK PILES															
				Book No.	STATION	SIDE	DATE	POUNDS											
				1	358+25	Rt.	October 20	97 689											
							= 48.845 TONS												
				GRAVEL ON WYE AT INTERSECTION RT. 22															
				S. ROAD & F. ENT. APPROACHES					= 25.43 TONS										
									= 12.62 "										
				TOTAL					= 38.05 "										
				TOTAL ROADWAY GRAVEL					= 299.13 TONS										
				DEDUCT					38.05 " (S.R., FE & Int. Rt. 22)										
									= 261.08 TONS ON SURFACE										

SE 1/4 NW 1/4 Sec. 35

T.52N. R.12W

NE 1/4 SW 1/4 Sec. 35

STRUCTURES UNDER ROADWAY

Station	Std	Size	Length	Cul.	Cl. @	Remarks
343+60	Pipe	30"	80'	35'		30° skew Dble. line
353+00	Pipe	18"	58'	17'		45° skew

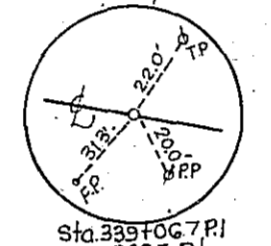
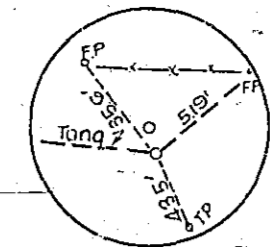
F.E. & S.R. APPROACHES

Station	Side	Size	Length	Cl. @	Fill	Gravel	Remarks
330+62	Lt.	18"	20'	8'	6'		F.E.
338+12	Rt.	18"	20'	8'	6'		F.E.
339+28	Rt.	No	12	12			F.E.
339+28	Lt.	No	12	12			F.E.
340+60	Lt.	18"	20'				F.E.
352+00	Rt.	No	Pipe	227	12.0		S.R. Skew
359+00	Rt.	No	Pipe				F.E.
359+00	Lt.	No	Pipe	4	18		F.E.

STRUCTURES IN PLACE

Station	Description	Remarks	Cul. Evg.
332+64	4x2x18 Conc. box	Use in Place	
343+26	2x16 Conc. Arch Floor Condition	Remove 13	

3 AUDRAIN SH 2
SE 1/4 SW 1/4 Sec. 35



Note: Survey for Relocation of Rt. SH Audrain Co. Begins @ Sta. 345+00

Note: New Fence Posts Set - Wire not string

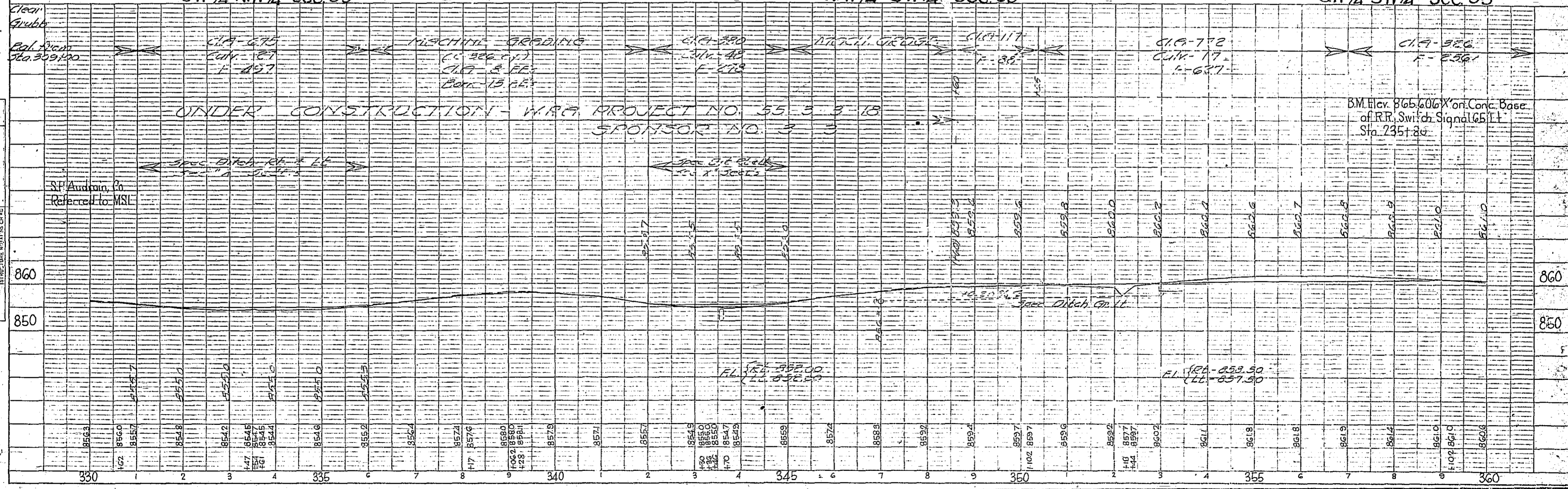
Cultivated
STA. 348+60 BEGIN RT. SH. SEC. NO. 2
Down Est.

Power Poles Lt.
PRESENT RT. SH. 7 UNDER CONSTRUCTION
Tel. Poles Rt.

SW 1/4 NW 1/4 Sec. 35

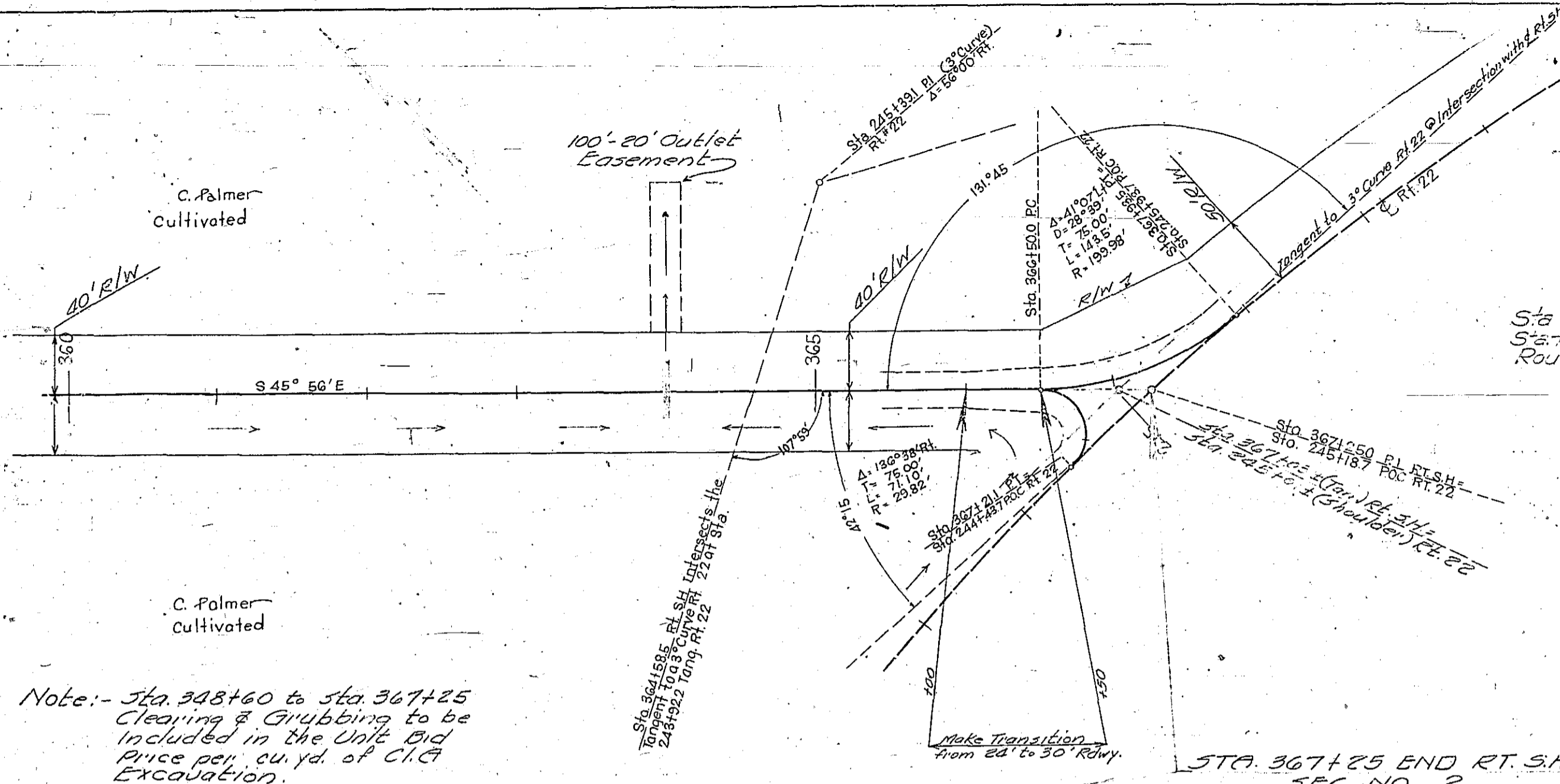
NW 1/4 SW 1/4 Sec. 35

SW 1/4 SW 1/4 Sec. 35



DATE
BY
CHECKED
NO.
PLAN
NOTE BOOK
NO.
DATE CHECKED
NO.

DATE
BY
CHECKED
NO.
PROFILE
NOTE BOOK
NO.
DATE CHECKED
NO.



STRUCTURES UNDER ROADWAY				
Station	Std.	Size	Length	Remarks
364+00	Pipe	18"	25'	E.E.

Sta 367+25 Construct
 Standard Supplementary
 Route Intersection.

Note: - Sta. 348+60 to Sta. 367+25
 Clearing & Grubbing to be
 included in the Unit Bid
 Price per cu. yd. of C.I.A
 Excavation.

Station	Structure	Remarks
360		
361		
362		
363		
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400		

C.I.A. - 27
 Base - 15.75
 Curb - 2'
 1:1 Slope
 All Stone (1 1/2" max)

Elevation: 859.5
 859.0

Spec. Ditch RT
 365' x 12'

P.O.C. RT. 22
 (Equation 1)