



COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500002065

Description:

ROW Plans 11X17

Route # and Mile Points:

US 550

Originating Office:

ROW/Survey

File Name:

F 019-2(4)_ROW(.PDF)

Box Location:

32 of 38

COLORADO STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FO19-2(4)	1	

INDEX OF SHEETS

- SHEET NO. 1 TITLE SHEET AND SKETCH MAP, TABULATION OF LENGTH AND DESIGN DATA.
2 TYPICAL SECTIONS, SURFACING PLAN, SELECTED BORROW PLAN AND SUMMARY OF QUANTITIES.
3 SUMMARY OF SOIL PROFILE TESTS AND TABULATION OF WIDENING OF OIL PROCESSED MAT AT CURVES.
4 PIT LOCATIONS.
5 STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES.
6 STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT AND WIDENING AT BRIDGES AND AT CREST OF GRADES.
7 STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS.
8-9 ALIGNMENT PLAN AND PROFILE.

M-1-B
M-2-DM
M-2-DS

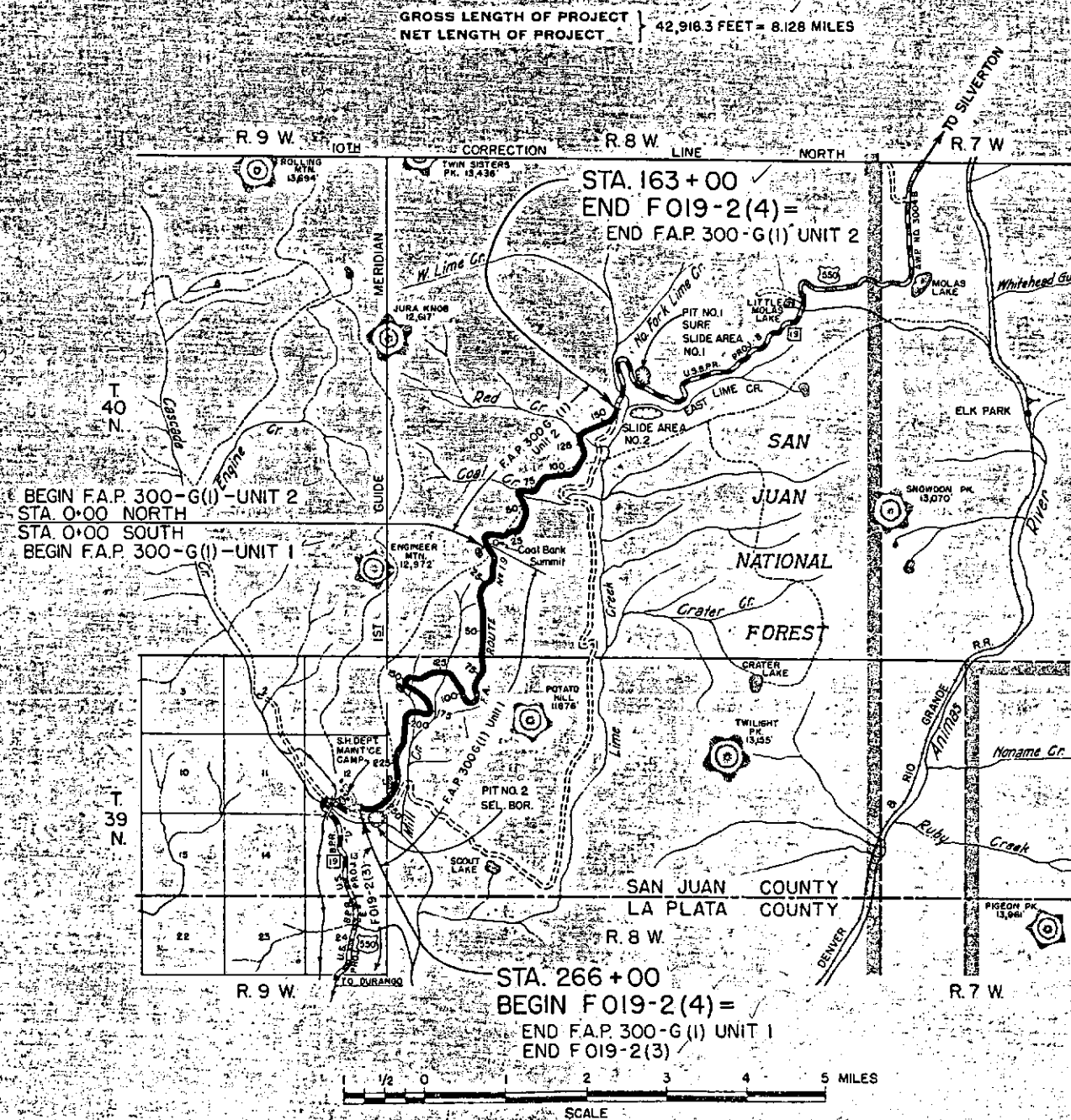
FEDERAL AID PROJECT NO. FO19-2(4) STATE HIGHWAY NO. 19 SAN JUAN COUNTY

CONVENTIONAL SIGNS

CENTER LINE	Title Sheet
COUNTY LINE	
TOWNSHIP OR RANGE LINE	T. 40 N., R. 9 W.
SECTION LINES	T. 39 N., R. 9 W.
RAILROAD	

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY		
	LIN. FT.		
266+00 Begin FO19-2(4) = End F.A.P. 300-G(1) Unit 1 = End FO19-2(3)	3945.0		
226+55.0 Ah. = 226+53.7 Bk. = EQUA.	6583.5		
160+70.2 Ah. = 160+68.9 Bk. = EQUA.	3367.7		
127+01.2 Ah. = 127+00.0 Bk. = EQUA.	8145.7		
45+54.3 Ah. = 45+53.4 Bk. = EQUA.	2984.7		
15+68.7 Ah. = 15+69.4 Bk. = EQUA.	1569.4		
0+00 South - Begin F.A.P. 300-G(1) Unit 1 = 0+00 North - Begin F.A.P. 300-G(1) Unit 2	960.1		
9+60.1 Bk. = 9+42.0 Ah. = EQUA.	1402.0		
23+44.0 Bk. = 23+44.6 Ah. = EQUA.	1475.5		
38+20.1 Bk. = 38+09.7 Ah. = EQUA.	1253.5		
50+63.2 Bk. = 50+67.2 Ah. = EQUA.	1319.5		
63+86.7 Bk. = 63+78.2 Ah. = EQUA.	5938.5		
123+16.7 Bk. = 123+26.8 Ah. = EQUA.	3973.2		
163+00 End FO19-2(4) = End F.A.P. 300-G(1) Unit 2			
TOTALS	42,918.3		
SUMMARY		LIN. FT.	MILES
FO19-2(4) Roadway		42,918.3	8.128
TOTALS		42,918.3	8.128
DESIGN DATA			
Maximum Degree of Curve		28°	
Maximum Grade		7.00 %	
Minimum N.P.S.D. - Horizontal		220'	
Minimum N.P.S.D. - Vertical		368'	
Maximum Design Speed		30 M.P.H.	



NOTE

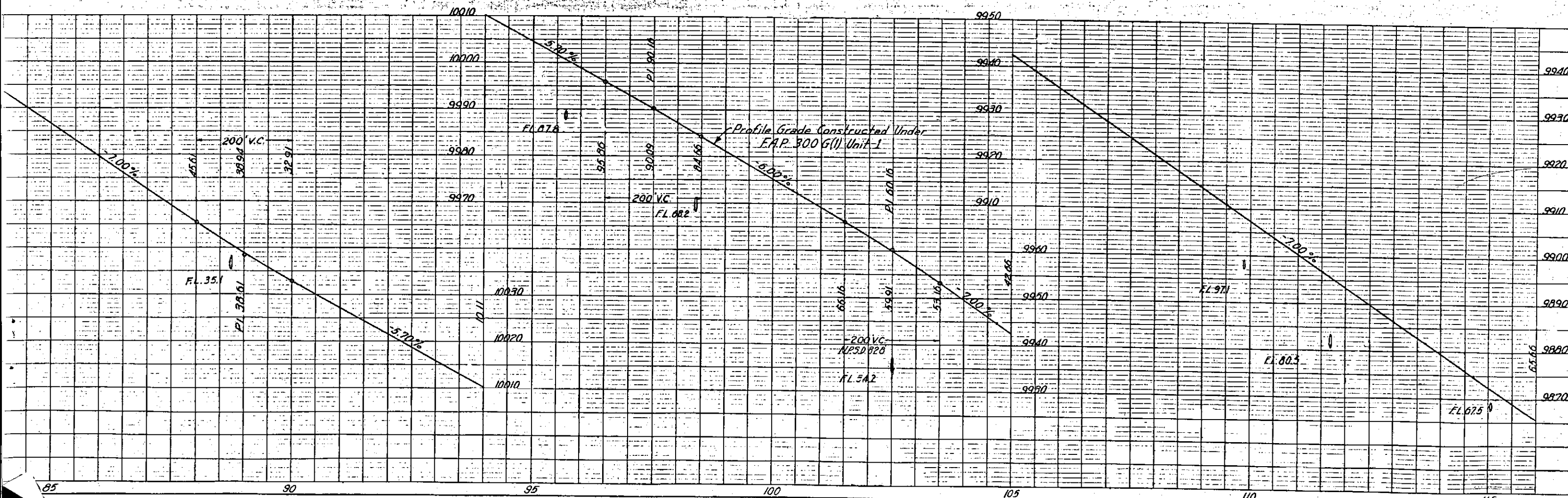
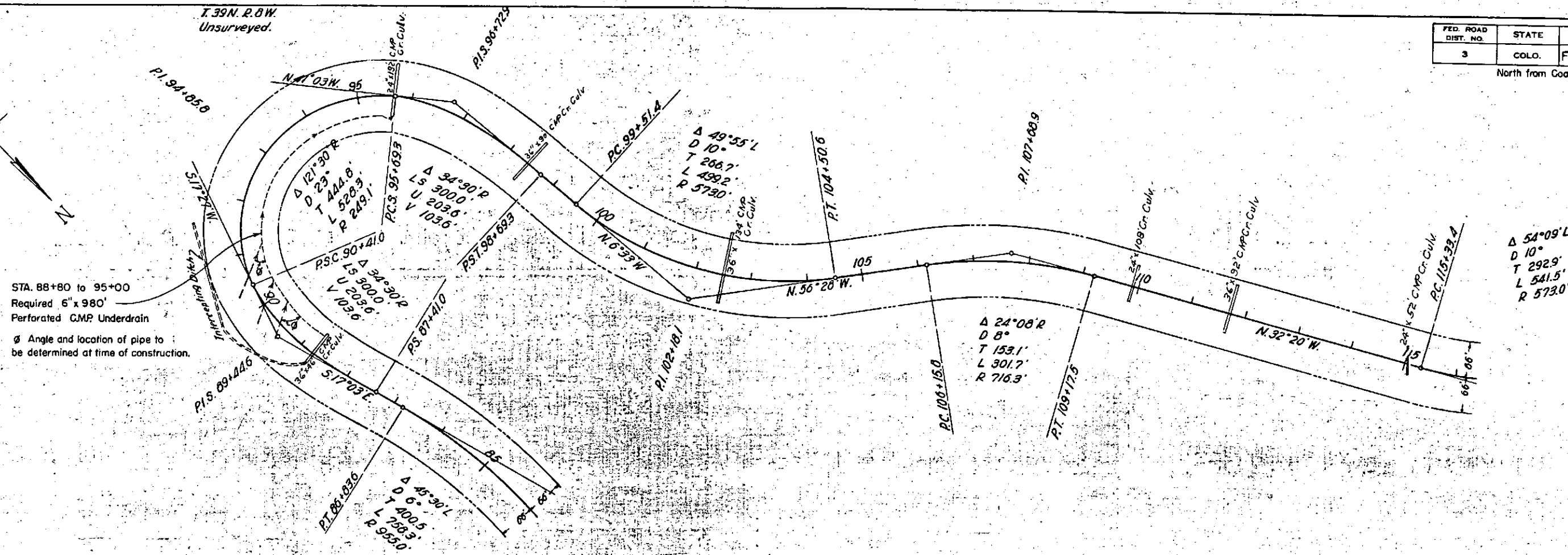
IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:
J.E. CASEY, CONSTRUCTION ENGINEER, DURANGO
G.F. McNICHOLAS, RESIDENT ENGINEER, DURANGO

HIGHWAY DEPARTMENT STATE OF COLORADO	
RECOMMENDED FOR APPROVAL:	
<i>James M. Bell</i>	4-4-51
ASSISTANT ENGINEER	DATE
APPROVED:	
<i>Mark C. Watson</i>	4-5-51
STATE HIGHWAY ENGINEER	DATE

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER	
DATE	
APPROVED:	
DIVISION ENGINEER	
DATE	

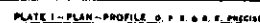
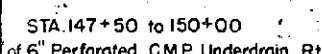
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F 019-2 (4)	9	

North from Coal Bank Summit



N.W. 1/4, S.E. 1/4. Sec. 6
T. 39 N. R. 8 W.

South from Coal Bank Summit

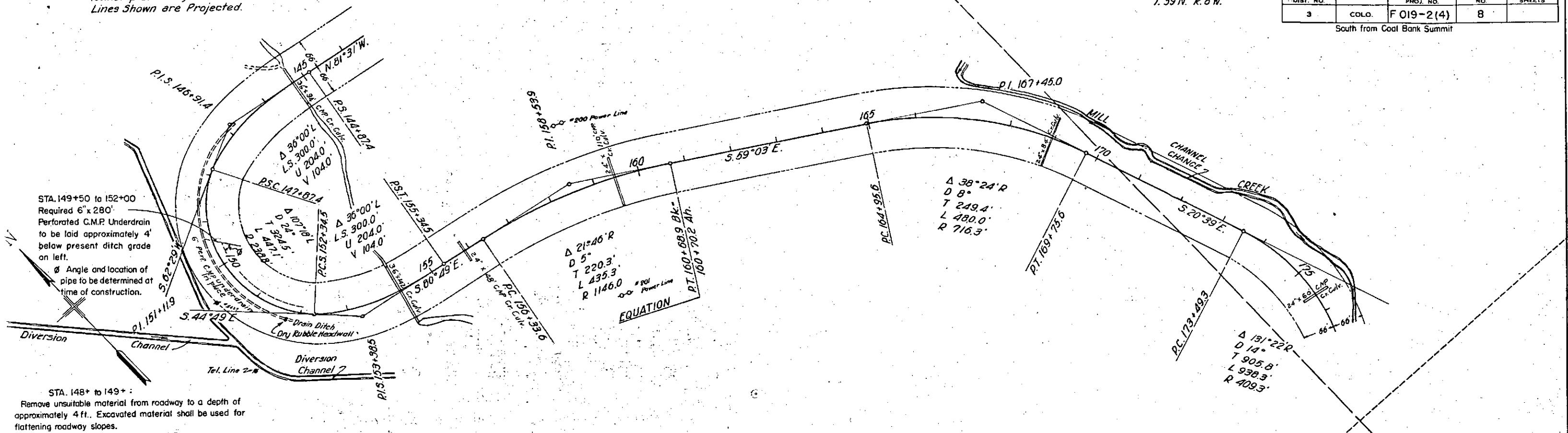


Township Unsurveyed. Section
Lines Shown are Projected.

N.W. 1/4, S.E. 1/4, Sec. 6
T. 39 N. R. 8 W.

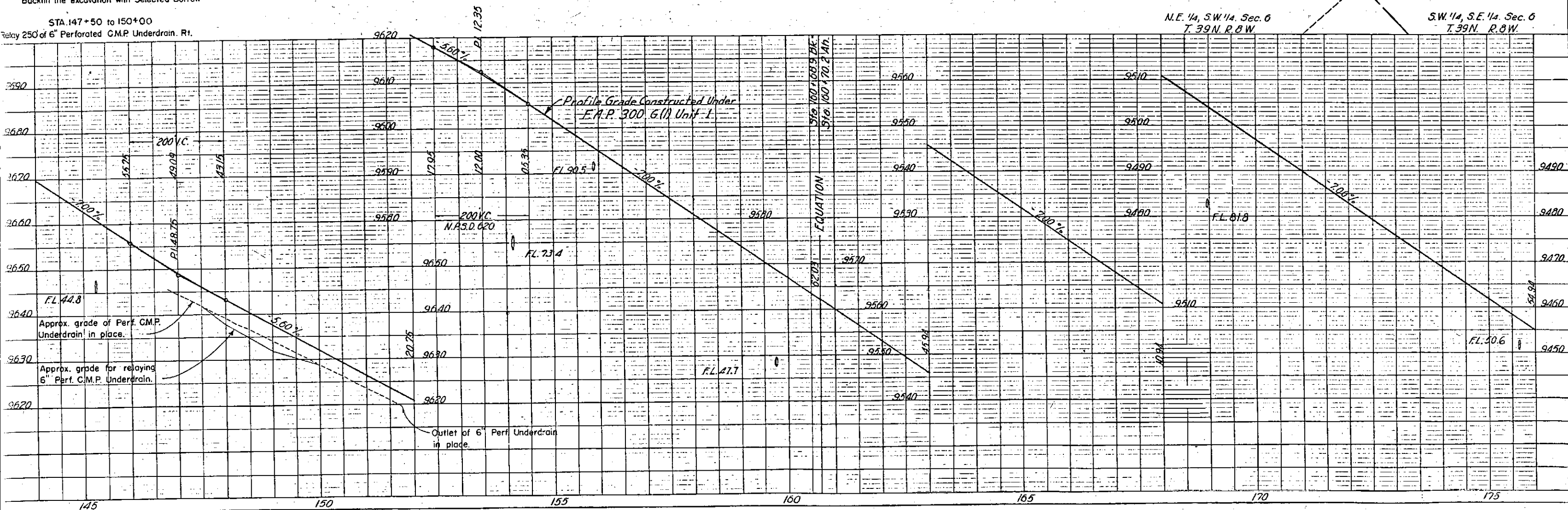
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South from Coal Bank Summit



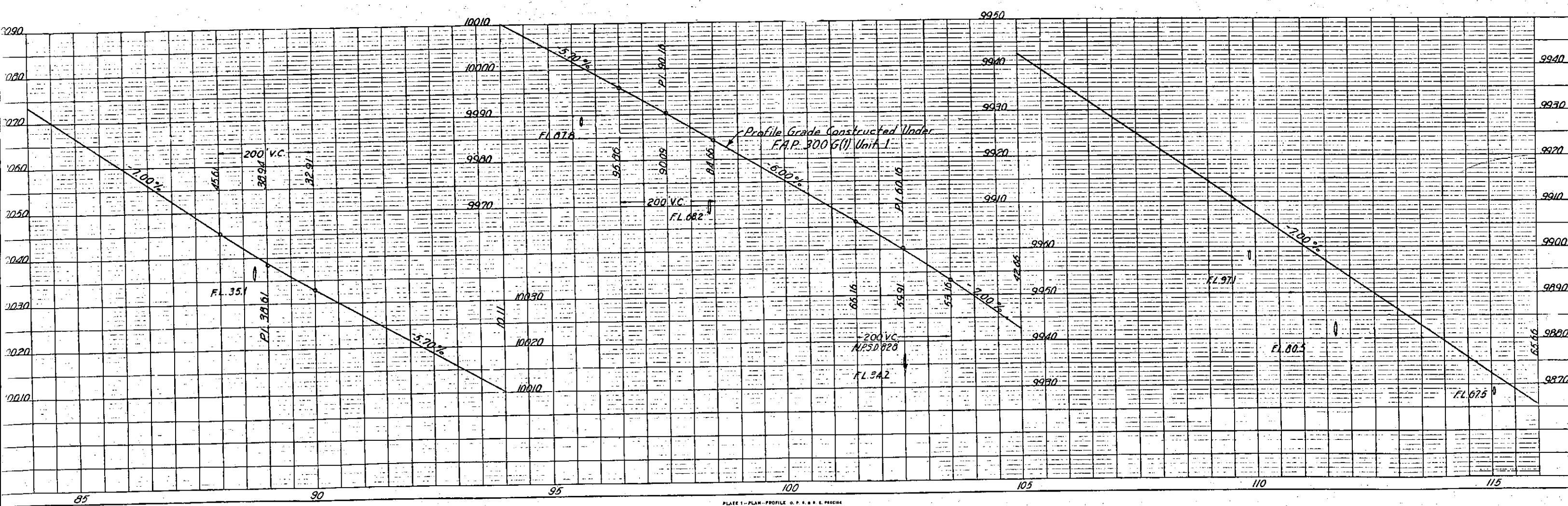
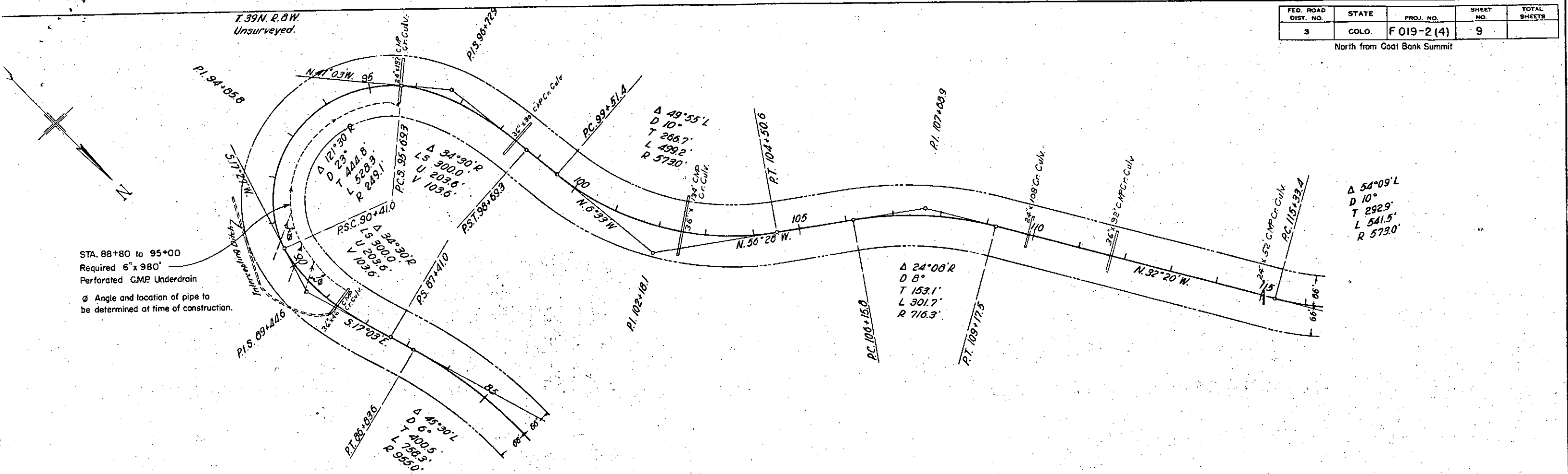
STA. 148+ to 149+ :
Remove unsuitable material from roadway to a depth of
approximately 4 ft. Excavated material shall be used for
flattening roadway slopes.
Backfill the excavation with Selected Borrow

STA. 147+50 to 150+00
Relay 250' of 6" Perforated G.M.P. Underdrain. Rt.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F 019-2 (4)	9	

North from Coal Bank Summit



COLORADO STATE HIGHWAY DEPARTMENT

FEDERAL AID PROJECT NO. F019-2(4) STATE HIGHWAY NO. 19 SAN JUAN COUNTY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	COLORADO	F019-2(4)	1	

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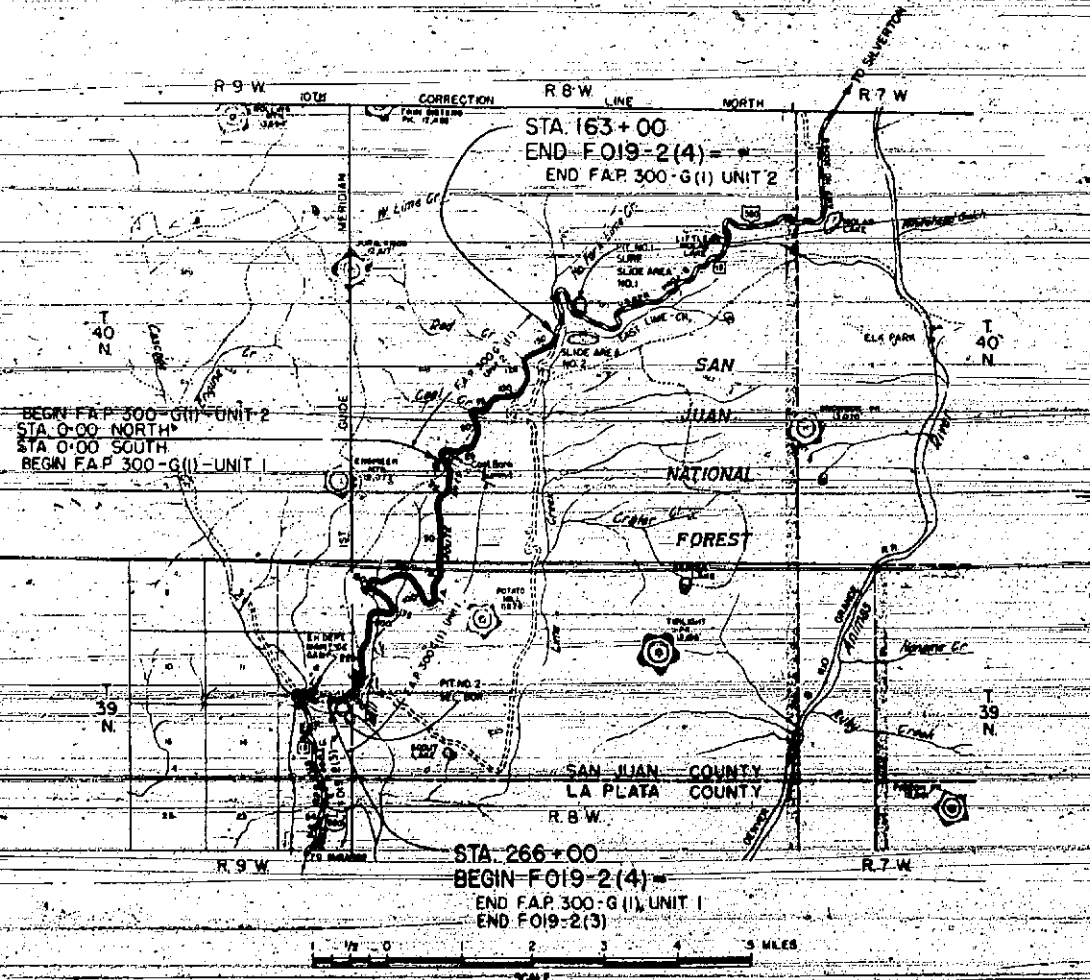
CONVENTIONAL SIGNS

CENTER LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
RAILROAD

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY LIN. FT.	
266+00 Begin F019-2(4) = End FAP 300-G(1) Unit 1 = End F019-2(3)		
226+55.0 A.R. = 226+53.7 B.R. =	3945.0	
160+702 A.R. = 160+689 B.R. =	6583.5	
127+012 A.R. = 127+000 B.R. =	3367.7	
45+543 A.R. = 45+534 B.R. =	8145.7	
15+687 A.R. = 15+694 B.R. =	2984.7	
0+00 South = Begin FAP 300-G(1) Unit 1 = 0+00 North = Begin FAP 300-G(1) Unit 2	1569.4	
9+601 B.R. = 9+420 A.R. =	950.1	
23+440 B.R. = 23+448 A.R. =	1402.0	
38+201 B.R. = 38+087 A.R. =	1475.5	
50+832 B.R. = 50+672 A.R. =	1253.5	
63+867 B.R. = 63+782 A.R. =	1319.5	
123+167 B.R. = 123+168 A.R. =	5938.5	
163+00 End F019-2(4) = End FAP 300-G(1) Unit 2	1973.2	
TOTALS	42,918.3	
SUMMARY		
F019-2(4) Roadway	42,918.3	8.128
TOTALS	42,918.3	8.128
DESIGN DATA		
Maximum Degree of Curve	28°	
Maximum Grade	7.00%	
Minimum A.P.S.D. - Horizontal	220	
Minimum A.P.S.D. - Vertical	168	
Minimum Curve Speed	10 M.P.H.	

LENGTH OF PROJECT 42,918.3 FEET = 8.128 MILES
NET LENGTH OF PROJECT



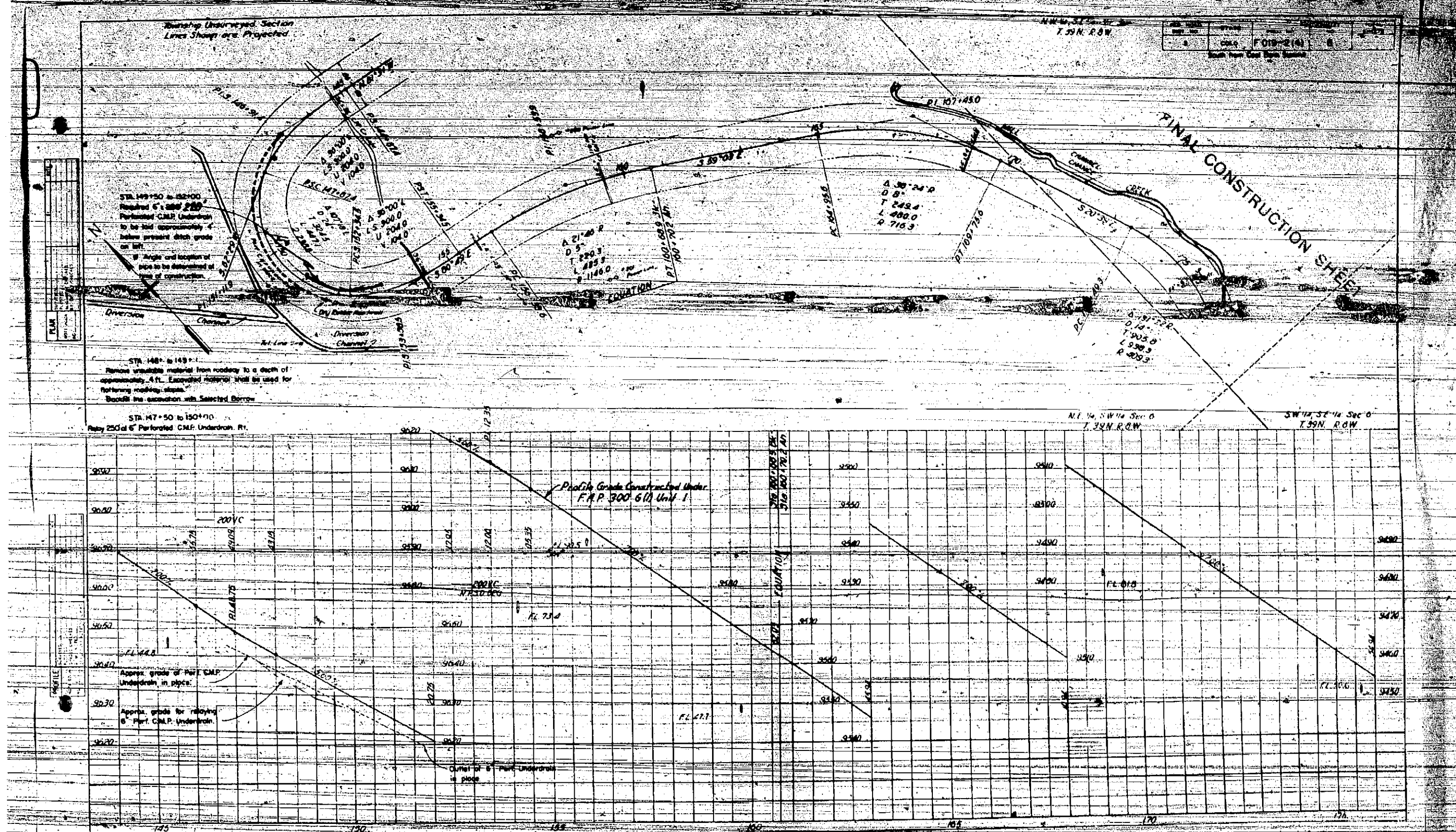
FINAL CONSTRUCTION SHEET

NOTE

IT IS RECOMMENDED THAT BOOKS ON THIS PROJECT GO OVER THE PLANS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:
J.E. CASEY, CONSTRUCTION ENGINEER, DURANGO
G.E. NICHOLAS, RESIDENT ENGINEER, DURANGO

HIGHWAY DEPARTMENT STATE OF COLORADO	
RECOMMENDED FOR APPROVAL	DATE
<i>James H. Bell</i>	4-4-51
ASSISTANT ENGINEER	
APPROVED	DATE
<i>Wm. C. Patton</i>	4-5-51
STATE HIGHWAY ENGINEER	

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL	DATE
DISTRICT ENGINEER	
APPROVED	DATE
DIVISION ENGINEER	



North from Coal Bank Summit

FINAL CONSTRUCTION SHEET

