

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	SP 10-8-515	1	

INDEX OF SHEETS

SHEET NO.1	SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH AND DESIGN DATA
2	TYPICAL SECTIONS, DETAILS OF STORAGE LANE, CONCRETE GUTTER, CONCRETE COMBINATION CURB AND GUTTER, MEDIAN CURBS, MEDIAN CURBS AT INTERSECTIONS, CONC SIDEWALKS & DETLS. OF MEDIAN CROSSING, STA. 99+
3	SUMMARY OF APPROXIMATE QUANTITIES, GENERAL NOTES AND DETAIL OF JOINT FOR CONCRETE BOX CULVERT CONNECTION STA. 94+
4	SURFACING PLAN AND BALLAST MATERIAL TABULATION
5	SIDEWALK, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN CURBING REQUIREMENTS, BREAKING AND REMOVING CONCRETE AND ADJUST MANHOLE RING AND COVER
6	LIST OF STRUCTURES
7	DETAILS OF DROP INLET, DROP INLETS AT INTERSECTIONS AND CURBING AROUND MANHOLES
8	DETAILS OF 3'x1' C.B.C., STA. 66+
9	STANDARD MARKER POSTS
10	STANDARD CONCRETE BOX CULVERTS
11	STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS
12	STANDARD TYPES OF DITCHES AND CONSTRUCTION METHODS
13-16	ALIGNMENT PLAN AND PROFILE
17-34	CROSS SECTIONS
35	SUMMARY OF EARTHWORK QUANTITIES

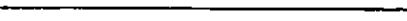
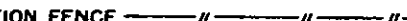
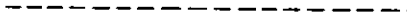
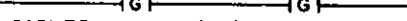
M-7-B
M-103-H
M-2-DS
M-107-C

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED STATE PROJECT NO. SP 10-8-515 STATE HIGHWAY NO. 8 ADAMS & ARAPAHOE COUNTIES

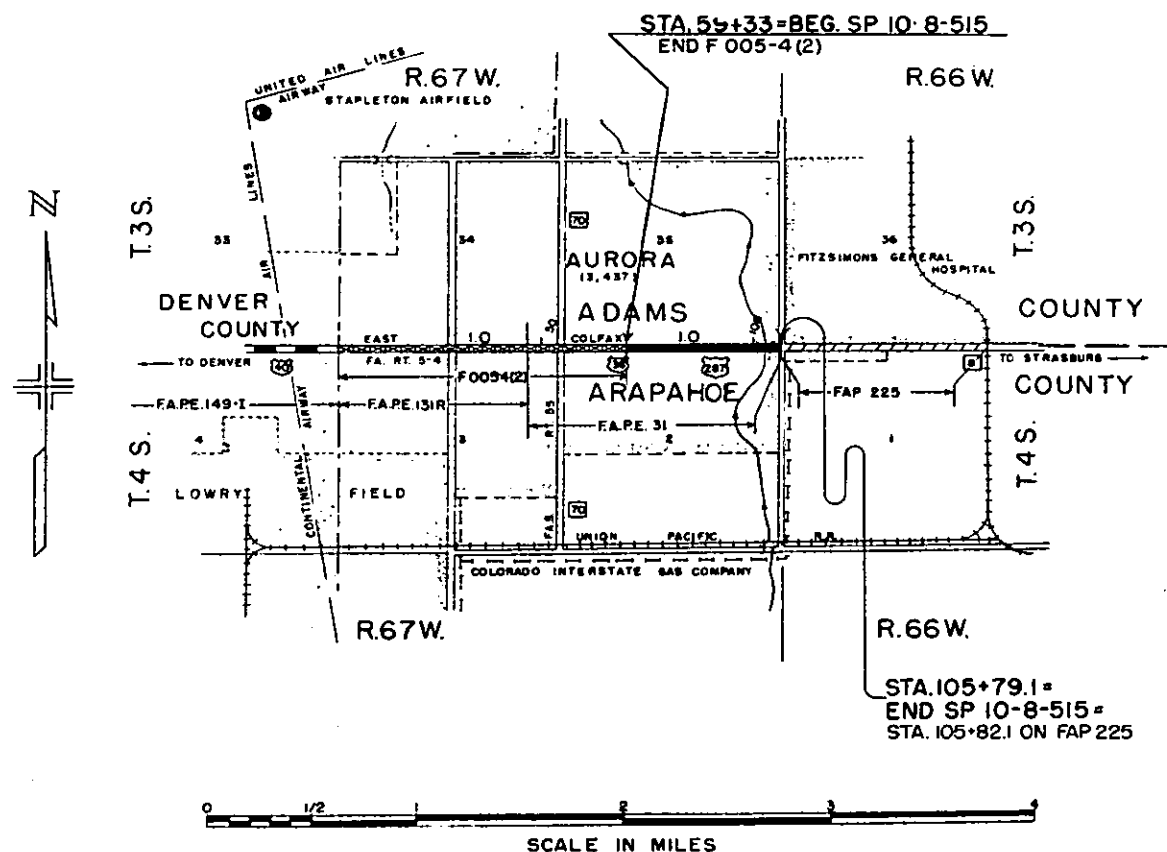
SCALE OF ORIGINAL TRACING
ON PLAN, 1 IN. = 50 FT.
ON PROFILE 1 IN. = 50 FT. HORIZONTAL
1 IN. = 5 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 4,646.1 FEET = 0.880 MILES
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY 
RIGHT OF WAY LINE 
COUNTY LINE 
TOWNSHIP OR RANGE LINE 
SECTION LINE 
QUARTER SECTION LINE 
CITY LIMITS 
RAILROAD 
BARBED WIRE FENCE 
WOVEN WIRE COMBINATION FENCE 
TELEPH. & TELEG. LINE 
POWER LINE & LIGHT POLES 
WATER MAIN 
GAS MAIN 
UNDERGROUND TELEPH. CABLES 
CURB AND GUTTER IN PLACE 
CURB AND GUTTER REQUIRED 
PICKET FENCE 

TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY	
	LIN. FT.	
59+33 = BEG. SP 10-8-515 = END F005-4 (2)	4,646.1	
105+79.1 = END SP 10-8-515 = STA. 105+82.1 ON FAP 225		
TOTAL	4,646.1	
SUMMARY		
	LIN. FT.	MILES
SP 10-8-515 ~ ROADWAY	4,646.1	0.880
TOTAL ~ SP 10-8-515	4,646.1	0.880
DESIGN DATA		
MAXIMUM DEGREE OF CURVE ~	---	
MAXIMUM GRADE ~	2.17 %	
MINIMUM N.P.S.D. ~ HORIZONTAL ~	---	
MINIMUM N.P.S.D. ~ VERTICAL ~	485 FT.	
MAXIMUM DESIGN SPEED ~	60 M.P.H. (CITY STREET)	



NOTE:
It is recommended that bidders on this project go over the plan details with one of the following field representatives of this Department:
Glen McEldowney - Construction Engineer, Denver, Colo.
F.P. McNamara - Resident Engineer, Aurora, Colo.

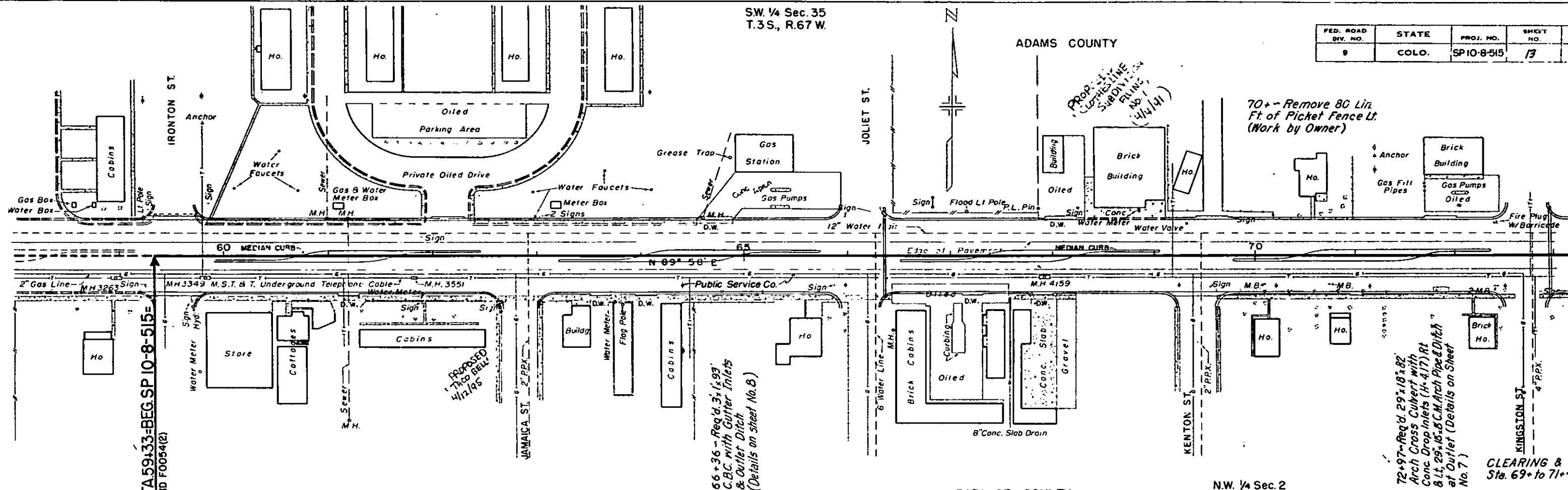
COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED
Mark H. Watson 4-16-52
CHIEF ENGINEER DATE

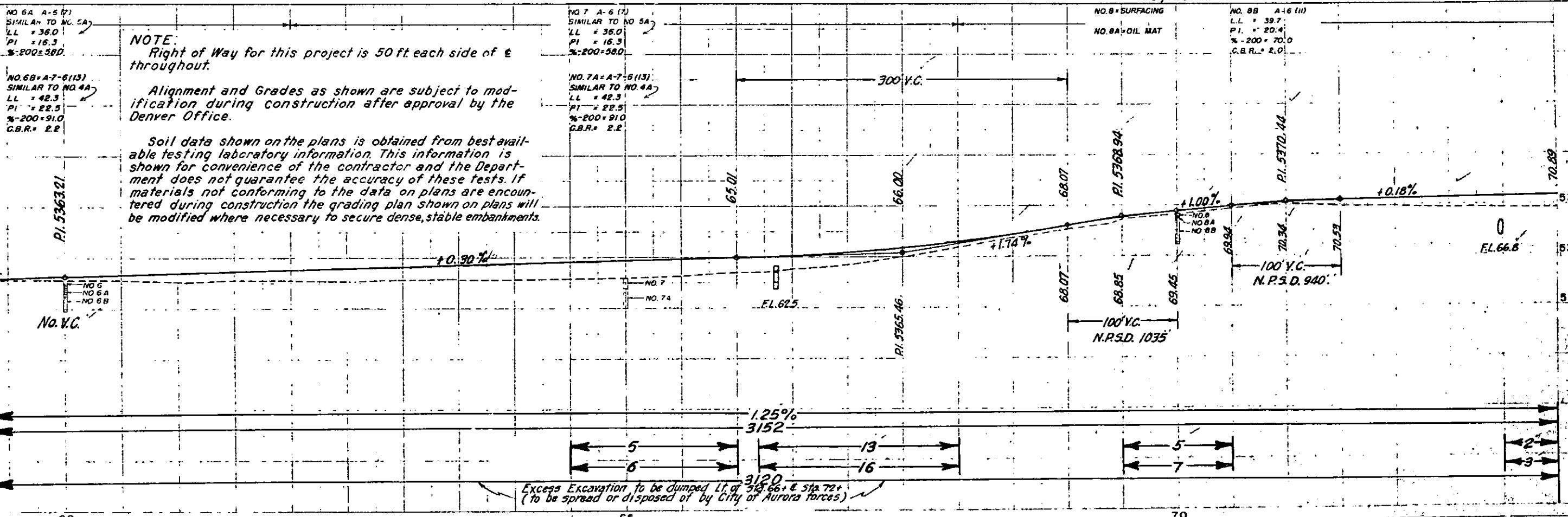
SW 1/4 Sec. 35
T.3S., R.67 W.

ADAMS COUNTY

FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	SP10-8-515	13	



STA 59+33=BEG SP 10-8-515
END F0054(2)



NOTE:
Right of Way for this project is 50 ft each side of & throughout.
Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.
Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

Excess Excavation to be dumped Lt. of Sta 66+ & Sta 72+ (to be spread or disposed of by City of Aurora forces)

Embankment Factor
Excavation
Embankment
Embankment X Factor
Excess Excavation

S.W. 1/4 Sec. 35
T.3S., R.67W.

S.E. 1/4 Sec. 35
T.3S., R.67W.

FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	SP 10-8515	14	

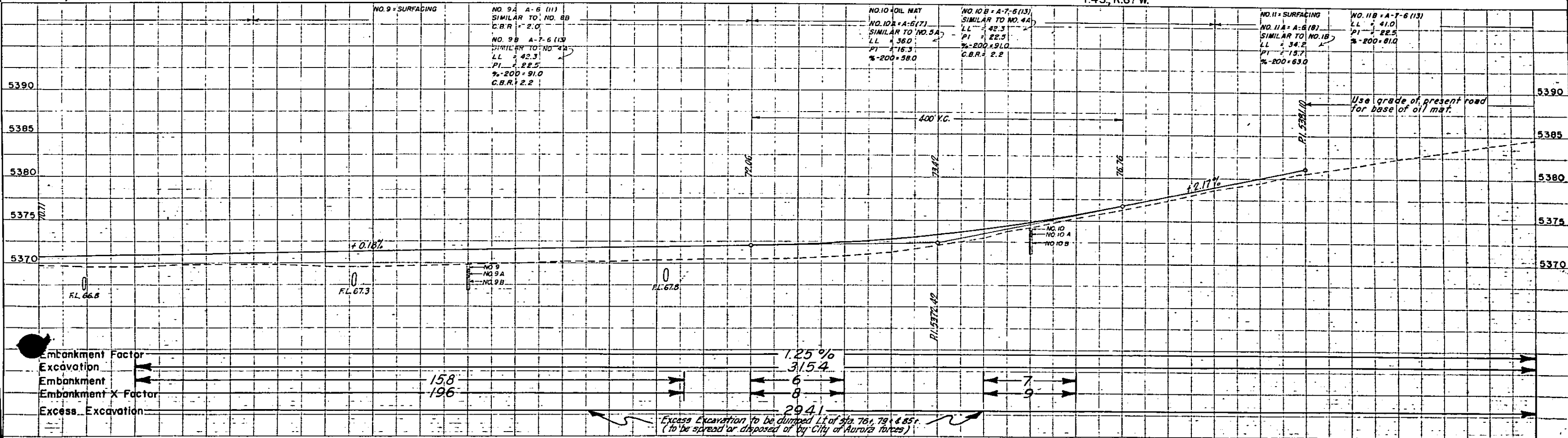
ADAMS COUNTY

ARAPAHOE COUNTY

CLEARING & GRUBBING
Sta. 78+ to 79+ - Trees Rt.

N.W. 1/4 Sec. 2
T.4S., R.67W.

N.E. 1/4 Sec. 2
T.4S., R.67W.



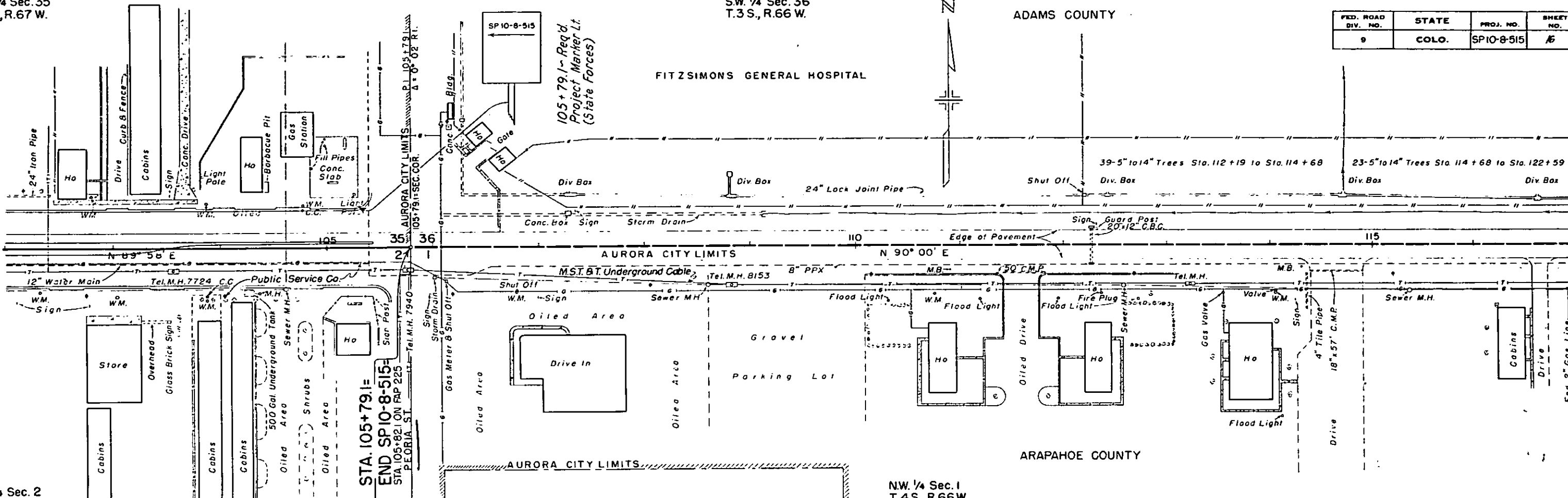
S.E. 1/4 Sec. 35
T.3S., R.67 W.

SW. 1/4 Sec. 36
T.3S., R.66 W.

ADAMS COUNTY

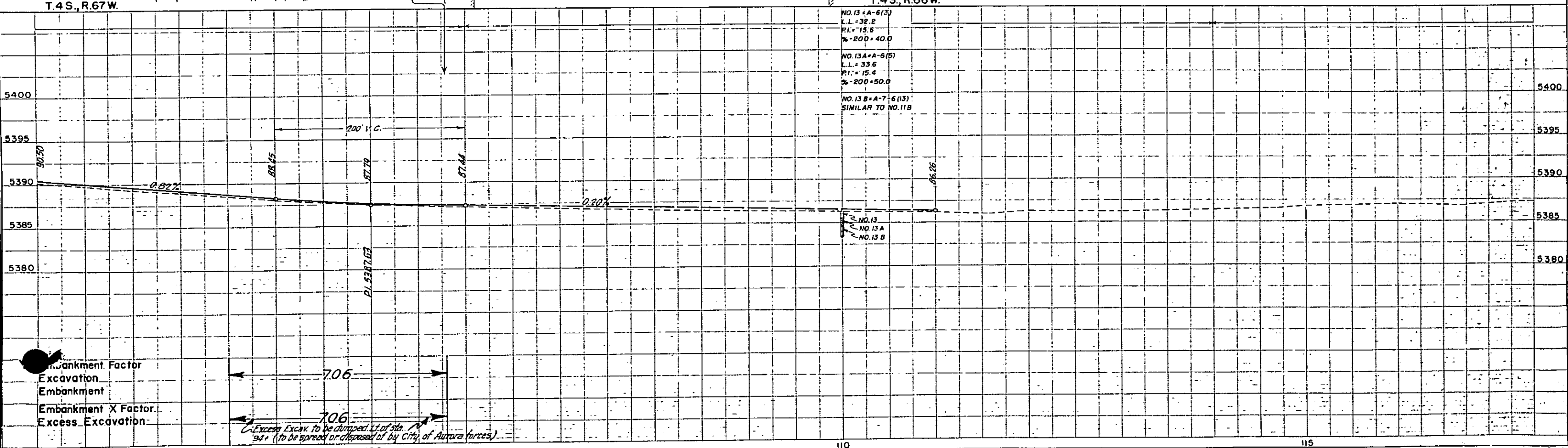
FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	SP10-8-515	16	

FITZSIMONS GENERAL HOSPITAL



S.E. 1/4 Sec. 2
T.4S., R.67 W.

N.W. 1/4 Sec. 1
T.4S., R.66 W.



Bankment Factor
Excavation
Embankment
Embankment X Factor
Excess Excavation