

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	373 E(1)	1	

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FED. AID SECONDARY PROJ. NO. F.A.S. 373 E (I) STATE HIGHWAY NO. 74 JEFFERSON COUNTY

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 4. DETAILS OF SPECIAL CONCRETE BOX CULVERT STA. 252+
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 6. SPECIAL 6'x7' CONCRETE BOX CULVERTS M-101 B
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SCALES ON ORIGINAL TRACINGS

ON PLAN, 1 IN. = 100 FT.
 ON PROFILE 1 IN. = 100 FT. HORIZONTAL
 1 IN. = 10 FT. VERTICAL

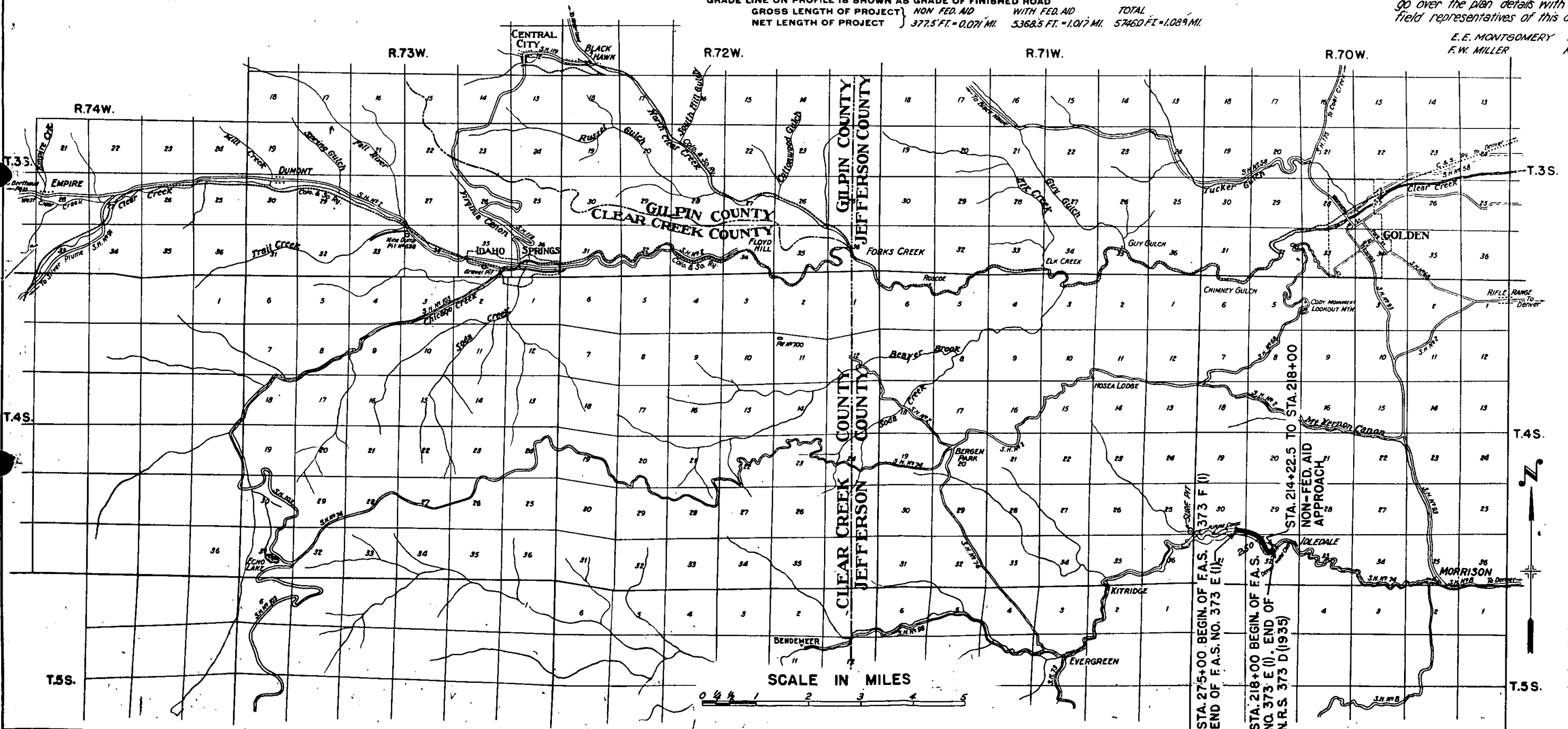
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
 GROSS LENGTH OF PROJECT } NON FED. AID WITH FED. AID TOTAL
 NET LENGTH OF PROJECT } 377.5 FT. = 0.071 MI. 5368.5 FT. = 1.012 MI. 5746.0 FT. = 1.089 MI.

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
 RIGHT OF WAY LINES
 RANGE LINES
 SECTION LINES
 ONE QUARTER SECTION LINES
 PRESENT ROAD
 BARBED WIRE FENCE
 GUARD FENCE
 TELEPHONE LINES

NOTE
 It is recommended that the bidders on this Project go over the plan details with one of the following field representatives of this department.

E.E. MONTGOMERY DIVISION ENGINEER DENVER, COLO.
 F.W. MILLER RESIDENT ENGINEER DENVER, COLO.



RECOMMENDED FOR APPROVAL
 J.H. Young, Jr. ASSISTANT ENGINEER
 APPROVED
 Chas. S. Sailer STATE HIGHWAY ENGINEER
 RECOMMENDED FOR APPROVAL
 DIST. ENG. BUREAU PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 CHIEF ENG. BUREAU PUBLIC ROADS
 APPROVED
 DIRECTOR BUREAU PUBLIC ROADS

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
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TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

CUT SLOPE TREATMENT IN EARTH CUTS

The intersection of cut slopes with the existing ground shall be rounded in earth cuts beginning 5' outside the slope stake and extending 5' down the cut slope. Where the cut slope is less than 5', reduce each of the above widths of slope treatment to the actual slope distance. Quantities shall be included in "Unclassified Excavation."

*Excavation or Borrow below 6:1 Sl. will not be permitted.

GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Dept., adopted June 1, 1937.

All quantities on preliminary plans are to be considered approximate only.

All roadway excavation required to construct this project is to be obtained as indicated on the plans. Quantities involved beyond the limits of the ditch as shown on the Typical Section, either noted on the Profile as "Borrow" or on the List of Structures as "Embankment" are to be classified and paid for as "Unclassified Excavation."

These quantities are to be stated as part of the Original Excavation at locations indicated on the Plans. Slope stakes beyond the limits of the Typical Section are subject to change by the Engineer to fit Embankment requirements actually encountered during construction.

All curves are to be super-elevated & widened as provided for by the Standard Superelevation Sheet included with plans.

All poles encroaching on construction are to be moved by owners.

All corrugated metal pipe cross culverts are to be provided with one headwall on the inlet end, unless otherwise noted on the plans.

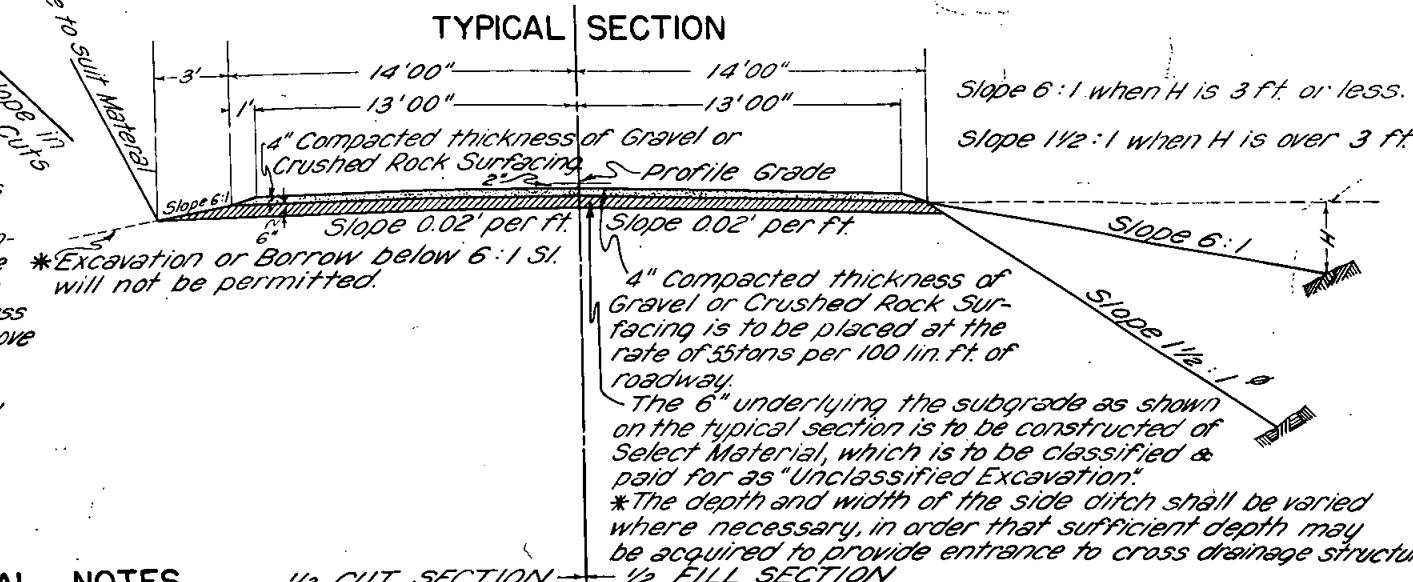
All side approach roads to the project shall be gravel surfaced with a 4 inch thickness of "Gravel or Crushed Rock Surfacing" extending approximately 30 ft. from edge of highway. Estimated tonnage of surfacing material required in this operation is shown in List of Structures.

Overhaul will be paid for as measured along center line of project, unless otherwise noted on the plans.

At all places on the Project where the new work lies along the present traveled road, the Contractor shall, at his own expense, prosecute construction in such manner that traffic may readily pass over the road. Also the Contractor shall maintain in safe condition and at his own expense, all temporary approaches to and crossings of intersecting roads.

New right of way fences for this project shall be constructed entirely within the Highway right of way as shown on plans.

All work involved in the placement of "Gravel or Crushed Rock Surfacing" will be done under Construction Division No. 2 of the Project.



HAND PLACED FILLS

At locations indicated below, where embankments are constructed of rock, fill slopes shall be hand placed if necessary to secure a slope not to exceed one to one (1:1). Serration of the present ground to stabilize embankment slopes in such areas will also be required.

No extra compensation will be allowed for this work. The cost of hand placing and slope serration shall be included in the contract price bid for the project.

266+00 to 268+11 ~1 1/4 to 1 Fill Slope on Lt.

SURFACING PLAN

(CONST. DIV. NO. 2)

It is estimated that material for gravel or crushed rock surfacing for the project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in the operation are shown below.

Alteration of the surfacing plan as here outlined will not be allowed without written permission from the Dept.

MATERIAL TO BE PLACED	SOURCE	QUANTITY		OVERHAUL TON/MILE
		AVAILABLE	USED	
		TONS	TONS	
STA. 214+22.5 TO 218+00 Approaches	STA. 214+22.5 TO 218+00 (NO FEDERAL AID) Pit located in S.E. 1/4 SEC. 25, T.4S., R.71W., 400' Rt. of Sta. 328+00		208 30	235 35
STA. 218+00 TO 275+00 Transitions Approaches	STA. 218+00 TO 275+00 (FEDERAL AID) Pit located in S.E. 1/4 SEC. 25, T.4S., R.71W., 400' Rt. of Sta. 328+00		29.53 114 30	1720 94 18
TOTAL STA. 214+22.5 TO 218+00			238	270
TOTAL STA. 218+00 TO 275+00			309.7	1832

SUMMARY OF APPROXIMATE QUANTITIES

NO.	ITEM	UNIT	ROADWAY CONST. DIV. NO. 1		ROADWAY CONST. DIV. NO. 2		PROJECT TOTAL
			214+22.5 to 218+00	218+00 to 275+00	214+22.5-218+00	218+00-275+00	
			NO FEDERAL AID	WITH FEDERAL AID	NO FEDERAL AID	WITH FEDERAL AID	
108	CLEAR & GRUBB ENTIRE PROJECT	LMP SM					
110	REMOVE HEADWALL & CUT KEYWAY	EACH	1				1
128	REMOVING FENCE	LIN. FT.		300			300
128	REMOVING & REBUILDING FENCE	LIN. FT.		900			900
136	UNCLASSIFIED EXCAVATION	CU. YD.	600	88,400			89,000
143	DRY ROCK EXCAVATION (STRUCTURAL)	CU. YD.	15	375			390
140	DRY COMMON EXCAVATION (STRUCTURAL)	CU. YD.	15	375			390
146	WET ROCK EXCAVATION (STRUCTURAL)	CU. YD.	5	125			130
140	WET COMMON EXCAVATION (STRUCTURAL)	CU. YD.	5	125			130
188	STATION YARD OVERHAUL	STA. YD.	2700	225,300			228,000
180	YARD MILE OVERHAUL	YD. MI.	100	1400			1500
268	GRAVEL OR CRUSHED ROCK SURFACING	TON			240	3100	3340
268	OVERHAUL OF SURFACING	TON MI.			275	1850	2125
468	CLASS "A" CONCRETE	CU. YD.	39	532			571
47	REINFORCING STEEL	LB.	3510	47,890			51,400
49	CEMENT RUBBLE MASONRY	CU. YD.		26			26
536	24" CORRUGATED METAL CULVERT PIPE	LIN. FT.		936			936
74	WIRE CABLE GUARD FENCE	LIN. FT.		1440			1440
74x	TIMBER GUARD POSTS	EACH		36			36
766	BARBED WIRE FENCE (METAL POSTS)	LIN. FT.	400	7600			8000
76h	DRIVEWAY GATES	EACH		1			1
818	PROJECT MARKER	EACH		1			1
818	RIGHT OF WAY MARKERS	EACH	2	15			17
110	40 LB. RAILS	LB.		5300			5300
	FORCE ACCOUNT ITEMS						
	MOVING TELEPHONE LINE STA. 259 TO 282 (WORK TO BE DONE BY TELEPHONE CO. FORCES)	LMP SM					

LIST OF STRUCTURES

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	373 E (I)	3	

LOCATION	DESCRIPTION	REMOVE STRUCTURE NO.	UNCLASSIFIED EXCAVATION		STRUCTURAL EXCAVATION			GRAVEL SURFACING TONS	CONCRETE		REINFORC- ING STEEL LBS.	CEMENT RUBBLE MASONRY CU. YD.	CORRUGATED METAL CULVERT PIPE						40 LB. STEEL RAILS LBS.	MISCELLANEOUS
			UNCL.	EMBANK	#	CU. YD.			CU. YD.				LIN. FT.							
						CLASS	CLASS		A"	B"				13"	24"	30"	36"	42"		
214+22.5 216+83	Approach to Project Remove Headwall, Cut keyway & extend 8'x8' C.B.C. (Type B-1) 12' on Lt. (*see detail)		25		40			30	38.4		3503								Remove Headwall & Cut Keyway	
218+00 220+34 223+19 230+10 233+18 235+40 238+00 243+00 246+00 252+06 256+75 255+50 261+45 264+06 268+02 271+81 272+68 226+90	Project Marker, Road Approach Lt. C.M.P. Cross Culv. (Sk 70° Rt.) C.M.P. Cross Culv. (Intercept headwall) & Inlet Ditch C.M.P. Cross Culv. (Intercept headwall) & Inlet Ditch C.M.P. Cross Culv. & Inlet Ditch C.M.P. Cross Culvert C.M.P. Cross Culv. & Inlet Ditch C.M.P. Cross Culv. & Inlet Ditch C.M.P. Cross Culv. & Inlet Ditch 10'x10'x68' C.B.C. (Special) 8'x8'x63' C.B.C. (Type B-1) (Skewed 63° Rt.) & Channel Improvement Road Approach on Lt. 10'x10'x41' C.B.C. (Type 10 II) 6'x7'x39' C.B.C. (Std. M-10-B) & Inlet Ditch C.M.P. Cross Culv. (Sk 45° Lt.) & Inlet Ditch C.M.P. Cross Culv. & Inlet Ditch C.M.P. Cross Culv. & Inlet Ditch C.M.P. Cross Culvert			720	15			20				205	78						Project Marker	
			40		20							230	46							
			20		40							230	48							
			10		30							205	48							
			40		40							205	150							
					25							205	48							
			10		20							205	126							
			10		15							205	38							
			20		135			10	2020	17950								5280		
					2774				1390	12921										
			25		70				1394	12620										
			10		55				516	4367										
					30							2.05	84							
			30		25							205	42							
			50		30							205	54							
					10							205	170							
TOTALS NO FEDERAL AID				25	40			30	38.4		3503									
TOTALS FEDERAL AID				265	720	990		30	532.0		47858	25.10	936					5280		
PROJECT TOTALS				290	720	1030		60	570.4		51361	25.10	1336					5280		

* Structural Excavation is estimated to 50% Crumpled and 50% Rock and is subject to inspection and approval.

* Structural Excavation is estimated to 50% Common and 50% Rock, each of which is estimated to be 75% Dry and 25% Wet
* Included for payment in Profile Quantities.

FENCING REQUIREMENTS

STATION TO STATION	SIDE	REMOVE FENCE LIN. FT.	REMOVE AND REBUILD LIN. FT.	BUILD BARBED WIRE LIN. FT.	GATES	
					DRIVEWAY	NO.
214+22.5 to 218+00	R			378		
218+00 to 275+00	R			5380		
241+00 to 264+32	L			1990		
254+90	X	180				
264+44	X	100				
264+32 to 273+00	L		870			
273+00 to 275+00	L			205		
255+50	L					1
TOTAL NO FEDERAL AID				378		
TOTAL FEDERAL AID		280	870	7575		1
PROJECT TOTALS		280	870	7953		1

TIMBER GUARD POSTS

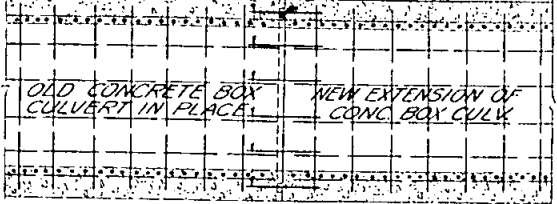
STATION TO STATION	SIDE	SPACING	NO.
237+45 to 240+25	Lt.	40	8
241+00 to 245+80	Lt.	40	13
251+50 to 252+50	Rt.	50	3
260+75 to 261+75	Rt.	50	3
265+50 to 269+50	Lt.	50	9
TOTAL			36

GUARD FENCE

STATION TO STATION	SIDE	LIN. FT.
225+00 to 237+048	Lt.	1224
242+30 to 244+46	Rt.	216
TOTAL		1440

DETAIL OF JOINT FOR CONCRETE BOX CULVERT EXTENSION

Dowel new extension to old box with 16"x2" dowels



The cost of removing headwall and cutting keyway is to be paid for at the contract unit price each.

Place one Dowel to each U-bar shown on Standard concrete Box Culvert Sheet M-104-D. Dowel bars are to be grouted in place with cement grout composed of one part cement and two parts of clean, well-graded sand. The cost of drilling holes, grouting and placing dowels is to be included in payment for Reinforcing Steel.

R.O.W. MARKERS

STATION	SIDE	NO.
215+80	R	1
216+60	L	1
224+00	L	1
225+50	L	1
236+00	R	1
237+50	R	1
240+00	L	1
254+83	R	1
252+00	L	1
253+00	L	1
256+00	R	1
256+58	L	1
264+32	L	1
264+46	R	1
265+50	L	1
274+00	L	1
275+00	L	1
TOTAL NO FED. AID		2
TOTAL FED. AID		15
PROJECT TOTAL		17

NOTE:

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

R.O.W. Fencing, Gates, Guard Fence, Timber Guard Posts, and R.O.W. Markers are Tabulated on Sheet No. 3.

214+22.5 - Reqd. 25 Cu Yds. Excav. for Approach to Project

216+83 - Remove Headwall and Cur Keyway. Reqd. Extend 8'x8' Conc. Box Culvert (Type B1) 12' on Left. See detail at Joint on Sheet No. 3



218+00 - Reqd. 200 Cu Yds. Embankment for Road Approach on Lt.

218+00 - Reqd. Project Marker

220+34 - Reqd. 24"x48" C.M.P. Cross Culvert (Shew 70' RI)

223+19 - Reqd. 24"x46" C.M.P. Cross Culvert with Intersecting Headwall; also Reqd. 40 Cu Yds. Excavation for Inlet Ditch

226+00 - Reqd. 24"x70" C.M.P. Cross Culvert

230+10 - Reqd. 24"x48" C.M.P. Cross Culvert with Intersecting Headwall; also Reqd. 20 Cu Yds. Excavation for Inlet Ditch

233+18 - Reqd. 24"x48" C.M.P. Cross Culvert and 10 Cu Yds. Excavation for Inlet Ditch

235+40 - Reqd. 24"x154" C.M.P. Cross Culvert

238+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

240+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

242+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

244+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

246+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

248+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

250+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

252+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

254+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

256+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

258+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

260+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

262+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

264+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

266+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

268+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

270+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

272+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

274+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

276+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

278+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

280+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

282+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

284+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

286+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

288+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

290+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

292+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

294+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

296+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

298+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

300+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

302+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

304+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

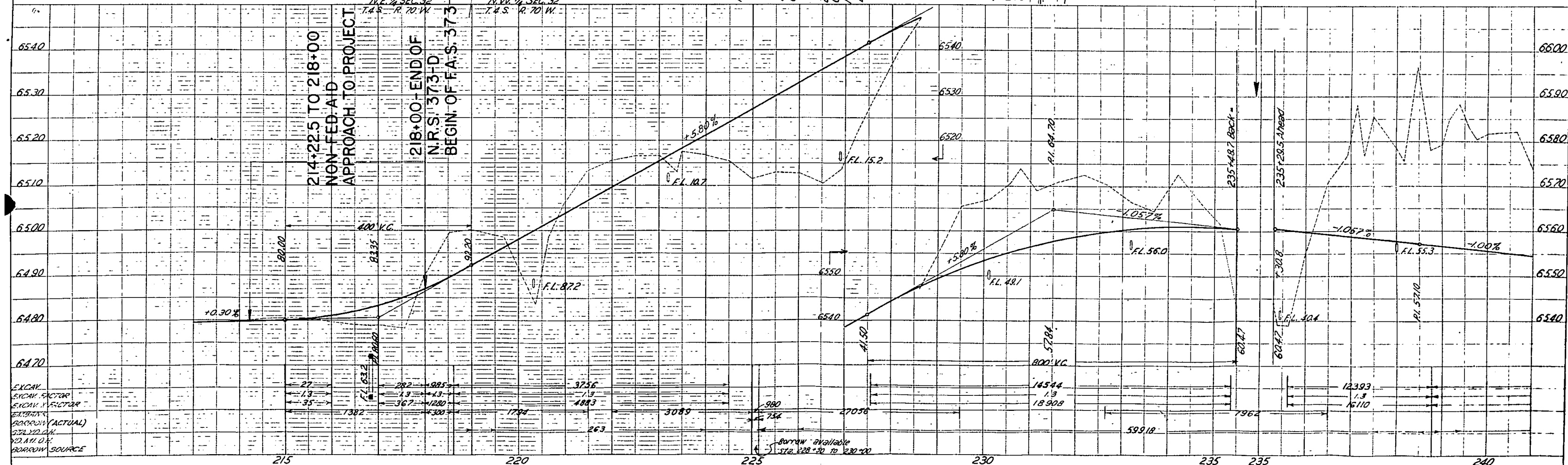
306+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

308+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

310+00 - Reqd. 24"x48" C.M.P. Cross Culvert and 40 Cu Yds. Excavation for Inlet Ditch

CLEARING AND GRUBBING:
Sta. 214+00 to 225+00 - 91 Cu Yds.
" 225+00 to 240+00 - Brush, Scattered trees.

EQUATION



N.W. 1/4 SEC. 32
T.4 S. R.70 W.

N.E. 1/4 SEC. 31
T.4 S. R.70 W.

STATE OF COLORADO
F.A.S. PROJECT NO. 373-E(11)
SHEET NO. 14
TOTAL SHEETS

CLEARING AND GRUBBING
Sta. 240+00 to 266+00 - Brush
" 266+00 to 270+00 - Brush and Scattered Trees

256+75 - Req'd. 8'x8'x63' Conc.
Box Culv. (Type B III) Skewed 63° Rt
and 20 Cu Yds. Excav. for Channel
Improvement.

255+50 - Req'd. 2774 Cu Yds.
Embankment for Road Approach
on Lt. Mat'l. to be obtained from
Roadway Excavation Sta. 274+29
to 275+00

261+45 - Req'd. 10'x16'x41'
Concrete Box Culv. (Type I-11)

264+46 - Req'd. 6'x7'x39' Conc. Box Culv.
(Std M-11-B) and 25 Cu Yds. Excav. for
Inlet Ditch.

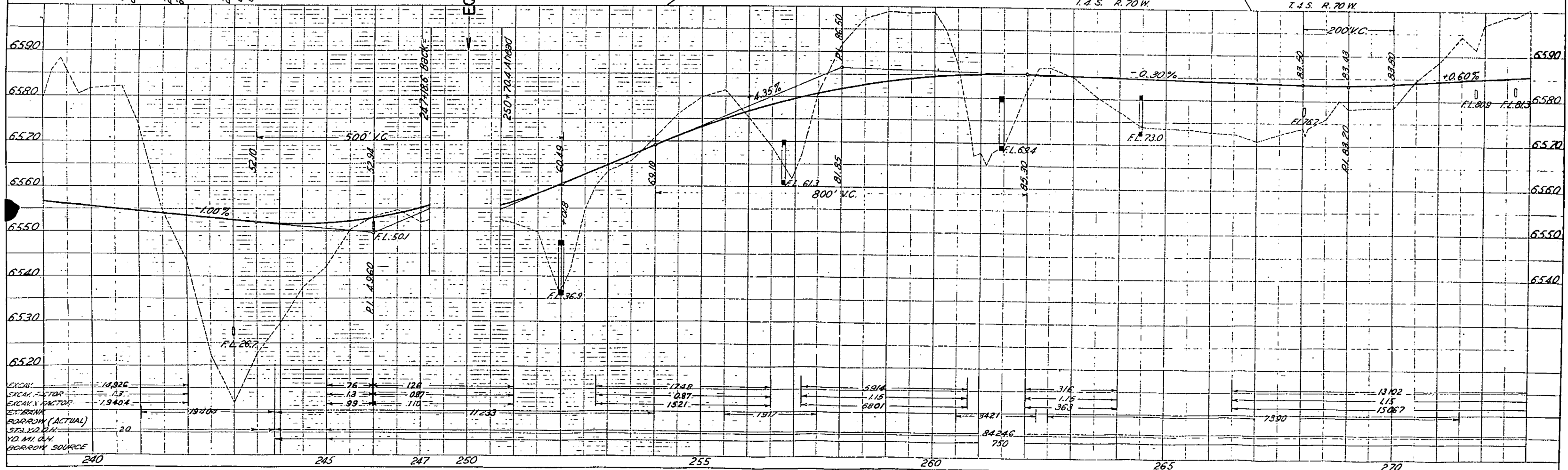
268+02 - Req'd. 24'x84'x45' M.P. Cross Culvert (Sk. 45° Lt.)
and 10 Cu Yds. Excav. for Inlet Ditch.

NOTE: -
266+00 to 268+11 Fill Slope
on Left is to be made of rock
and is to be hand placed if
necessary to secure a one
and one quarter to one (1 1/4:1)
Slope.

S.W. 1/4 SEC. 29
T.4 S. R.70 W.

S.E. 1/4 SEC. 30
T.4 S. R.70 W.

EQUATION



CLEARING AND GRUBBING:
fr. 270+00 to 275+00 - Scattered trees
and brush.

271+81 - Reqd. 24"x42" C.M.P.
Cross Culvert and 30 Cu Yds. Excav.
for Inlet Ditch.

272+68 - Reqd. 24"x54" C.M.P.
Cross Culvert and 50 Cu Yds. Excav.
for Inlet Ditch.

P.I. 272+280
Δ 2°55'30" L
D 1200'
T 132.1'
L 146.3'
R 288.50'

277+56 - Reqd. 24"x38" C.M.P.
Cross Culvert and 5 Cu Yds. Excav.
for Inlet Ditch.

279+20 - Reqd. 24"x38" C.M.P.
Cross Culvert and 10 Cu Yds. Excav.
for Inlet Ditch.

281+83 - Reqd. 8'x6" Concrete Box
Culvert (Special) Skewed 20° 1/2'
See detail on Sheet No. 15; also Reqd.
30 Cu Yds. Excav. for Channel Improve-
ment.

285+43 - Reqd. 24"x38" C.M.P. Cross Culvert
and 5 Cu Yds. Excav. for Inlet Ditch.

287+10 - Reqd. 24"x38" C.M.P. Cross Culvert
with Intersecting Headwall; also Reqd.
40 Cu Yds. Excav. for Inlet Ditch and
52 Sq. Yds. Graveled Rubble Slope Raising
at Outlet.

291+33 - Reqd. 8'x8" CONC.
Box Culvert (Special) Skewed
72° 56' 1/2'. See detail on
Sheet No. 15.

Δ 26°01' L
D 1600'
T 220.6'
L 433.6'
R 955.0'

293+22 - Reqd. 24"x48"
C.M.P. Cross Culvert with
Intersecting Headwall; also
Reqd. 30 Cu Yds. Excav.
for Inlet Ditch.

N.E. 1/4 SEC. 31
T.4 S. R. 70 W.

N.W. 1/4 SEC. 31
T.4 S. R. 70 W.

STATE
3 COLO

F.A.S.
373-E(11)

SHEET
15

EQUATION

STA. 275+00
END OF F.A.S.
NO. 373 E (1)
BEGIN. OF F.A.S.
NO. 373 F (1)

P.C. 279+89.2
P.T. 282+21.7

PRESENT

1/4 SECTION LINE

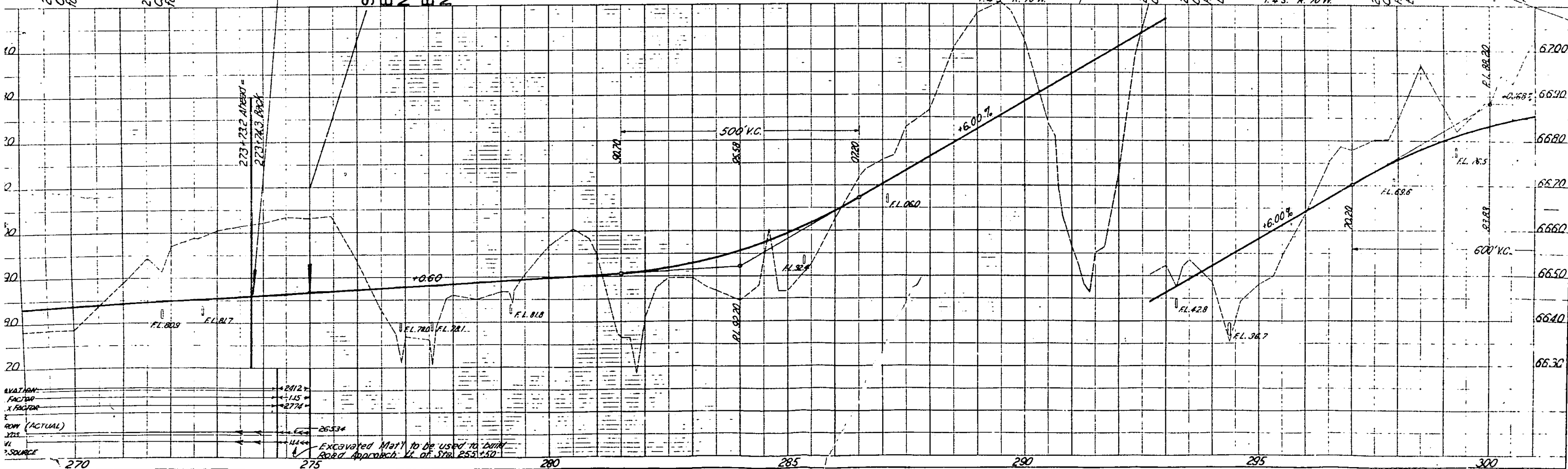
294+37 - Reqd. 36"x102" C.M.P.
Cross Culvert

297+90 - Reqd. 24"x48" C.M.P.
Cross Culvert with Intersecting
Headwall; also Reqd. 15 Cu Yds.
Excavation for Inlet Ditch.

S.W. 1/4 SEC. 30
T.4 S. R. 70 W.

299+27 - Reqd. 24"x54" C.M.P.
Cross Culvert with Intersecting
Headwall; also Reqd. 50 Cu Yds.
Excavation for Inlet Ditch.

SECTION LINE



AVATAR
FACTOR
X FACTOR
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Excavated Mat to be used to build
Road Approach at Sta. 253+50