FED. ROAD CLASS. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	134-D	1	

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. 134-D
STATE HIGHWAY NO. 4
KIT CARSON COUNTY

INDEX OF SHEETS

CONVENTIONAL SIGNS

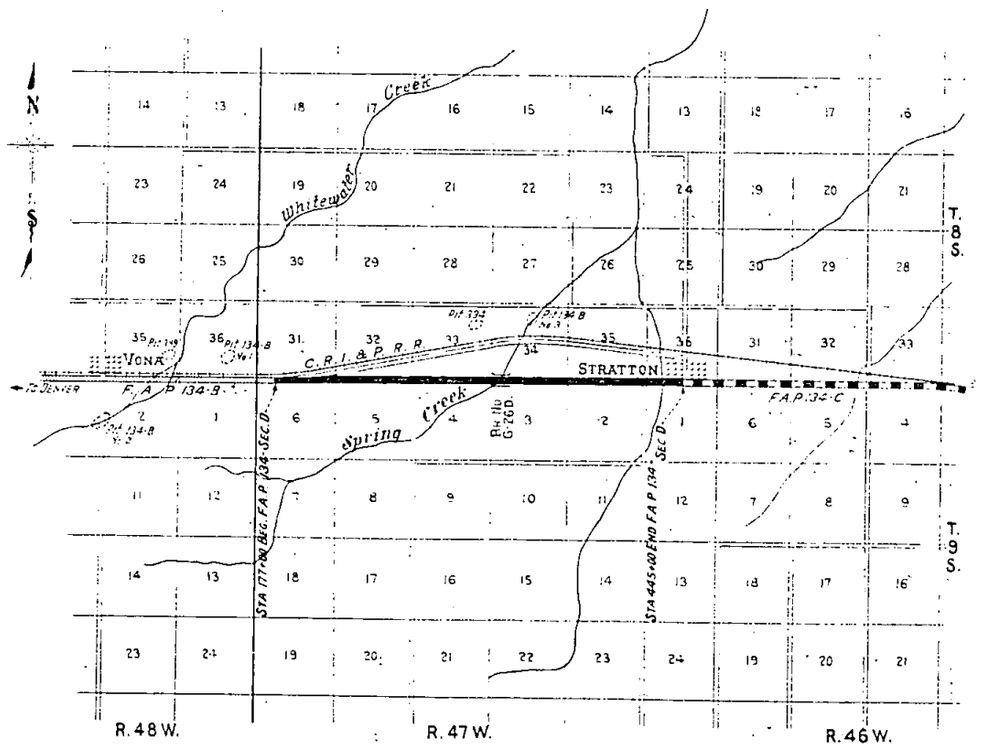
- SURVEY LINE
- RIGHT OF WAY LINE
- SECTION LINE
- ONE-QUARTER SEC LINE
- FENCE LINE
- RAILROAD LINE
- POLE LINE

SCALES

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 } 26,800.0 FT. = 5.076 MI.
NET LENGTH OF PROJECT }



SCALE: 1 INCH = 1 MILE

RECOMMENDED FOR APPROVAL 2/14/31
ASSISTANT ENGINEER

APPROVED
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL
DIST. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL
CHIEF ENG. BUREAU PUBLIC ROADS

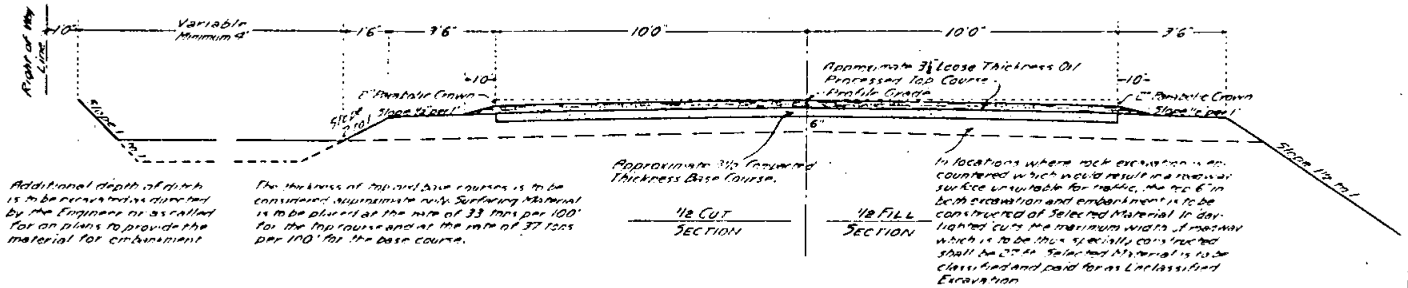
APPROVED
BUREAU PUBLIC ROADS

H.W.M.-1931

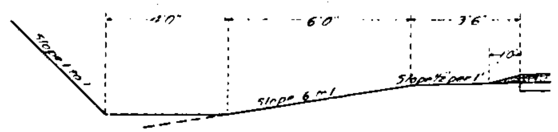
TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Sheet No.	Total Sheets
3	COLO	134 D	2	

Revised 2-31
May 16, 1932
Revised as Constructed 4-22-33 KSK



TYPICAL SECTION



TYPICAL SECTION OF FILL SLOPES & DITCH
THRU STRATTON - STA. 434 TO STA. 445

GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted January 1, 1930.
All Quantities on preliminary plans are to be considered approximate only.
All Roadway Excavation required to construct the 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 plans and structure tabulation as "Embankment," or required as "Selected Material" for backfilling the subgrade, are to be classified and paid for as "Unclassified Excavation". These quantities are to be staked as part of the original excavation at locations indicated on the plans. Slope stakes beyond the limits of the typical ditch as shown are subject to change by the Engineer to fit embankment conditions actually encountered during construction.
All Excavation Quantities in Embankment outside the lines of the Typical Section are to be considered as Waste, and no payment shall be made unless specifically provided for by written order from the Department to the Contractor.
Unless otherwise noted, all Cross Culverts are to be provided with one headwall, that at the inlet end. Side drains do not require headwalls.

No Overhaul on Surfacing Material will be paid on this Project. The contract prices covering surfacing shall include all hauling.
From Sta. 177 to Sta. 188 where the new work is upon the present traveled roadway, the Contractor shall, at his own expense, so prosecute construction that traffic can 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 highways.

BARBED WIRE FENCING

Station to Station	Side	Remove Fence Lin. Ft.	Build Fence Lin. Ft.
183+72 - 234+96	R	6,124	
191+28 - 259+55	L		6,827
260+05	X	80	
260+08 - 418+85	L		15,877
260+08 - 280+30	R	2,022	
260+08 - 418+80	R		15,872
278+55 - 283+05	L	450	
281+85 - 286+55	R	470	
284+10 - 286+55	L	245	
313+35 - 418+80	L	10,545	
341+75 - 366+40	R	2,465	
370+35 - 418+80	R	4,845	
419+43 - 433+85	R	--	1,412
419+43 - 437+22	L		1,779
419+45 - 433+90	R	1,445	
419+45 - 437+22	L	1,777	
185+78 - 259+50	R		7,372
Totals		30,468	49,169

GATES

Station	Side	No
211+60	R	1
212+30	L&R	2
233+85	L&R	2
264+60	R	1
286+55	L&R	2
313+10	R	1
313+25	L	1
313+40	L	1
363+00	L	1
330+15	R	1
331+10	R	1
415+25	L	1
Total		15

RIGHT OF WAY MARKERS

Station	No
177+00	2
185+63	1
191+55	2
211+85	2
235+80	2
260+10	2
286+40	2
313+06	4
339+15	2
366+30	2
392+70	4
418+80	2
443+75	2
Total	29

SUMMARY OF APPROXIMATE QUANTITIES

No	Item	Unit	Quantity Roadway	Quantity Bridge	Quantity Total
	CONSTRUCTION DIVISION NO. 1				
11a	Removing Structure, Sta 435+	Lump Sum	•		•
12a	" Fence	Lin. Ft.	30,468		30,468
13c	Unclassified Excavation	Cu. Yd.	78,743		78,743
14a	Dry Rock Excavation (Struct.)	" "		41	41
14b	" Common " "	" "	316	195	511
18a	Station Yard Overhaul	Sta. Yd.	188,306		188,306
18b	Yard Mile Overhaul	Yd. Mi.	29.5		29.5
30c	Gravel or Crushed Rock Surfacing	Tons	9914.5		9914.5
44a	Miscellaneous Untreated Timber	M Ft. B.M.		0.2	0.2
46a	Class "A" Concrete	Cu. Yd.	126.6	237.7	364.3
46b	" "B" "	" "	38.3		38.3
47	Reinforcing Steel	Lbs.	11,629	36,451	48,080
48	Structural "	"		93,500	93,500
53a	15" Corr. Metal Culvert Pipe	Lin. Ft.	260		260
53b	18" " " " "	" "	362		362
53c	24" " " " "	" "	162		162
53d	30" " " " "	" "	32		32
53e	36" " " " "	" "	172		172
62a	Precast Concrete Piling	" "		416	416
72	Wire Cable Guard Fence	" "	2,500	600	3,100
75a	Galvanized Barbed Wire Fence	" "	49,169		49,169
75b	Gates in " " "	Each	15		15
77	Picket Snow Fence	Lin. Ft.	2,268		2,268
78	Project Marker	Each	1		1
79	Right of Way Marker	"	29		29
82	Sheet Copper	Lbs.		304	304
89	Drain Pipes	Each		20	20
	ITEMS NOT RECEIVING FEDERAL AID				
	Removing Trash Dump, Sta 366+	Lump Sum	•		•
	Removing Pig Pen, Sta 390	" "	•		•
	CONSTRUCTION DIVISION NO. 2				
31a	Road Mix Oil Processed Surfacing	Ton	9051		9051
38a	Base Course Oiling	Gal	31,656		31,656
38b	Oil Processing Base	Mile	5.041		5.041
	MATERIALS TO BE FURNISHED & WORK TO BE DONE BY STATE FORCES				
31e	65%-75% Asphaltic Road Oil	Gal.	141,644		141,644
	Building & Shaping Shoulders	Lump Sum	•		•
	ITEMS NOT RECEIVING FEDERAL AID				
32a	Oil Process Surf. for Stock Piles (Contractor)	Ton	249		249
31e	65%-75% Asphaltic Road Oil (Furn. by State)	Gal	5,069		5,069
38b	Oil Processing Base	Mile	0.019		0.019
31a	Road Mix Oil Processed Surfacing	Ton	33		33
38a	Base Course Oiling	Gal	45		45
31e	65%-75% Asphaltic Road Oil	Gal.	365		365

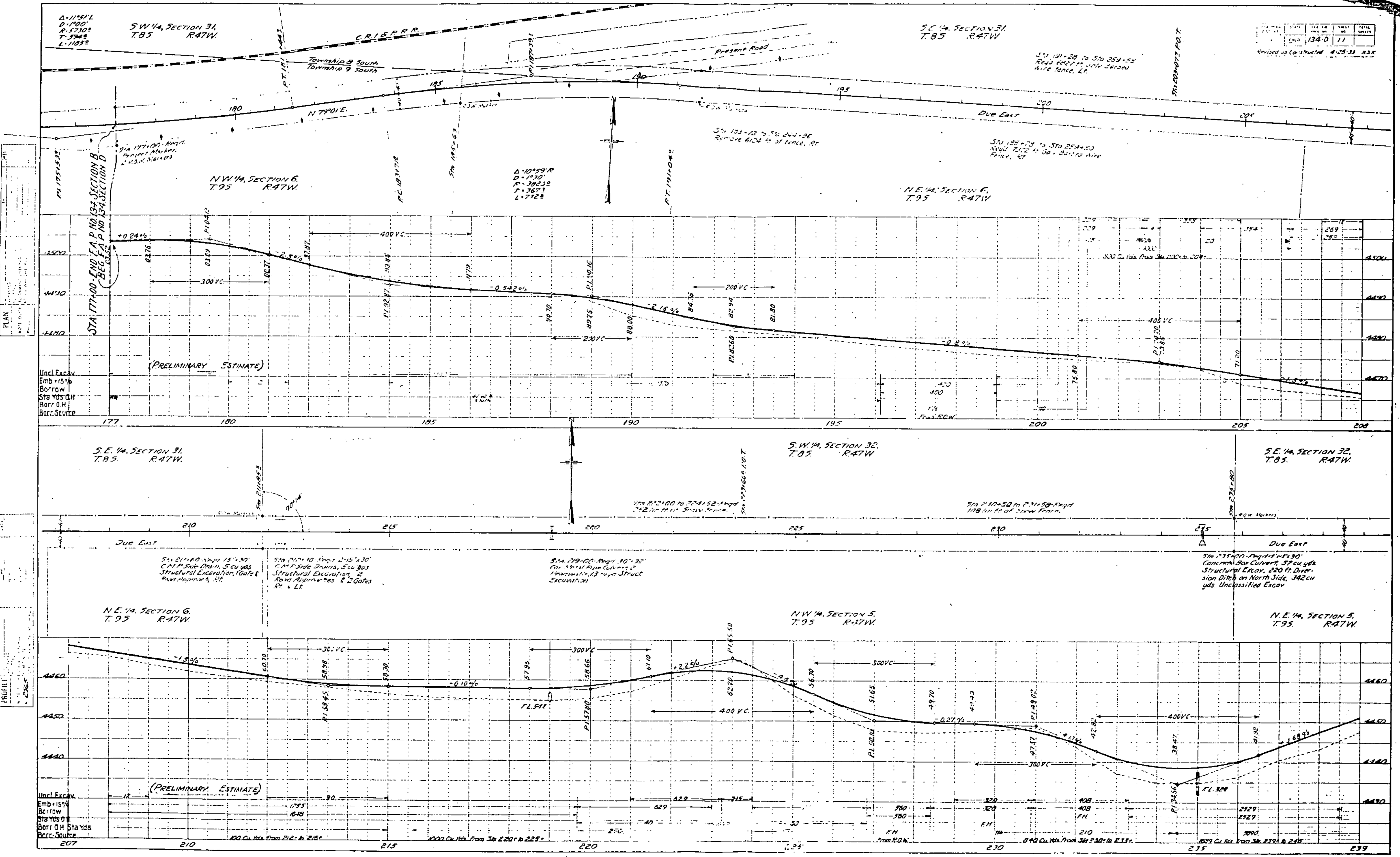
TABULATION OF STRUCTURES

Station	Description	Remove Structures No. & Kind	Excavation Cu. Yd. Uncl.	Excavation Cu. Yd. Emb.	Structural Excavation Cu. Yd. Dry Rock	Dry Com.	Wet Rock	Wet Com.	Concrete Cu. Yd. Cl. A	Cl. B	Reinf. Steel Lbs.	Corrugated Metal Culvert Pipe Lin. Ft. 15"	18"	24"	30"	36"	Wire Cable Guard Fence Lin. Ft.	Picket Snow Fence Lin. Ft.
177+00	Project Marker (1)																	
211+60	Side Drain & Road Approach Rt					5						30						
212+30	2 Side Drains & 2 Rd Approaches, R&L.					5						60						
219+00	C.M.P. Culvert, Outlet, 2 Headwalls					13				4.5					32			
222+00 - 224+52	Snow Fence																	252
230+50 - 231+58	" "																	108
235+00	4'x4'x30' Conc. Box Culv., 220' Diversion Ditch		342			57			30.1		2260							
256+90	C.M.P. Culvert, 2 Headwalls					6				2.2			32					
258+50 - 259+58	Snow Fence																	108
259+75	Side Drain Rt, 2 Rd. Apprs, 110' Divers. Ditch		50			5								90				
266+00	C.M.P. Culvert, 2 Headwalls					10				6.0						32		
268+00 - 270+04	Snow Fence																	204
278+66	C.M.P. Culvert, 2 Headwalls					9				2.2			32					
287+50	" " " "					9				2.2			32					
289+70 - 290+26	Snow Fence																	156
302+00	C.M.P. Culv., 2 Hdwls, Diversion Ditch		207			6				2.2			32					
320+40 - 322+90	Guard Fence																500	
322+00	C.M.P. Culvert, 1 Hdwl.					5				1.7				58				
330+80	" " 1 "					6				1.7				42				
339+19 - 341+31	I Beam Bridge (Quantities in Summary)																	
350+30 - 356+50	Guard Fence																1340	
352+50	C.M.P. Culvert, 1 Hdwl.					42				3.8						94		
365+30 - 369+10	Guard Fence																760	
366+70	6'x6'x68' C.B.C. (Sn*5), Diversion Ditch		128			56			96.5		9369							
375+50 - 381+50	Snow Fence																	600
383+40	C.M.P. Culvert, 2 Headwalls					11				3.3				32				
390+15	Side Drains Road Approach Rt					5						30						
391+20	Side Drain & Road Approach Rt.					10						30						
403+50	C.M.P. Culvert, 2 Headwalls					8				2.2			32					
404+75 - 406+19	Snow Fence																	144
407+90 - 410+40	" "																	252
413+80	C.M.P. Culvert, 1 Hdwl.					10				1.1			46					
416+00 - 417+56	Snow Fence																	156
418+20	C.M.P. Culvert, 1 Hdwl.					4				1.1			38					
419+11	Side Drain Rt, 2 Rd. Appr. R&L, Divers. Ditches		500			10							40					
423+33	C.M.P. Culvert, 1 Hdwl.					5				3.0						46		
430+00 - 432+88	Snow Fence																	288
435+85	Remove C.M.P., Build 18"x78' C.M.P. Culv.	1 Culv.				4				1.1			78					
437+55	Side Drain Lt.					5						40						
437+70	2 Road Approaches, R&L.																	
441+35	Side Drain Rt. 2 Rd. Appr. R&L.					5						40						
284+00 to +45	3 Road Approaches, 2 Rt, 1 Lt.																	
313+20 to +30	2 " " R&L.																	
432+50	Road Approach Lt.																	
432+50	Side Drain, Lt.					5						30						
434+00	Road Approach Rt.																	
	Totals	(In Summary)	1227			316			126.6	39.3	11,629	260	362	162	32	172	2,500	2,268

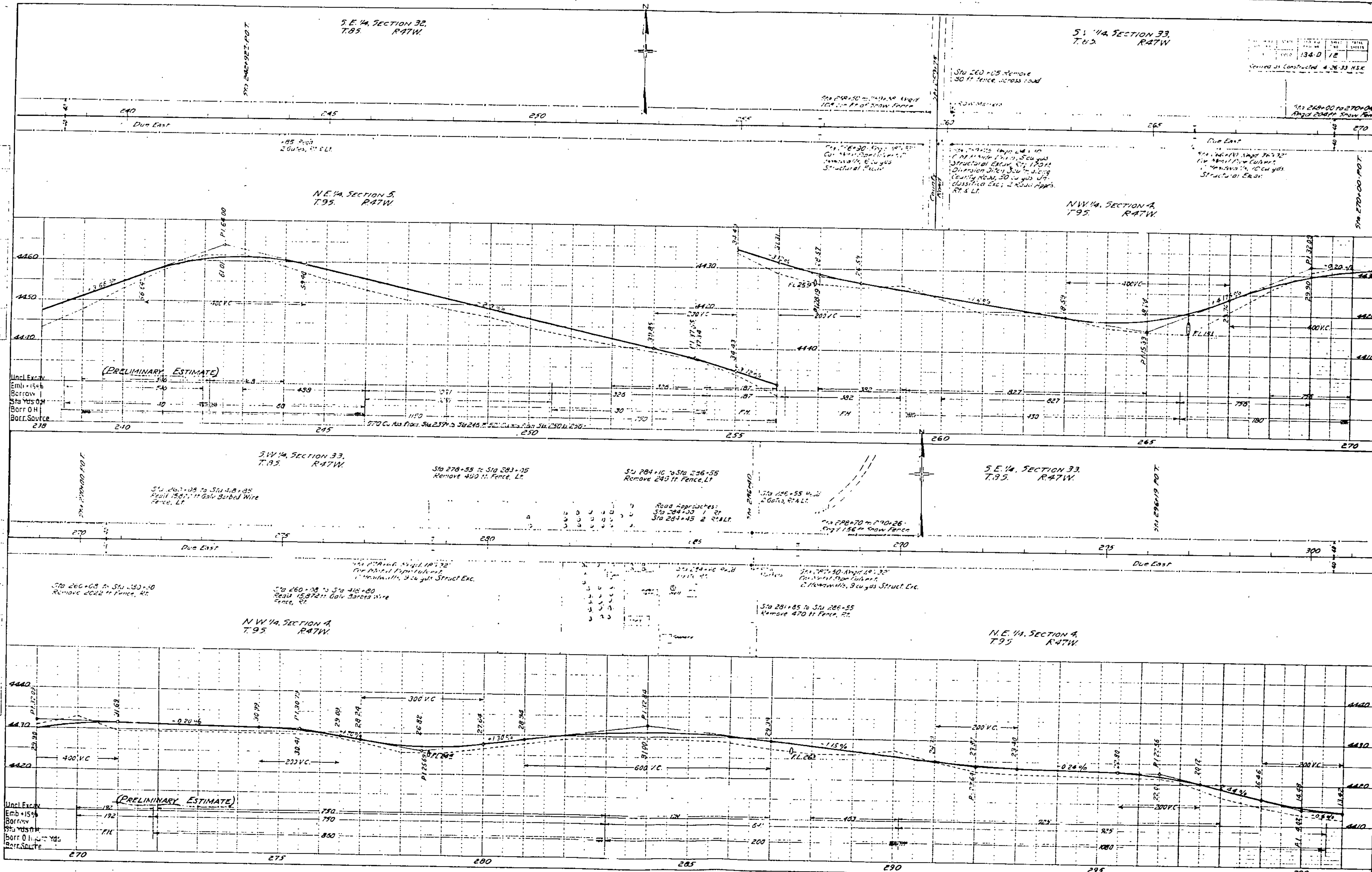
(PRELIMINARY ESTIMATE)
CONSTRUCTION DIVISION No. 2
ROAD APPROACHES

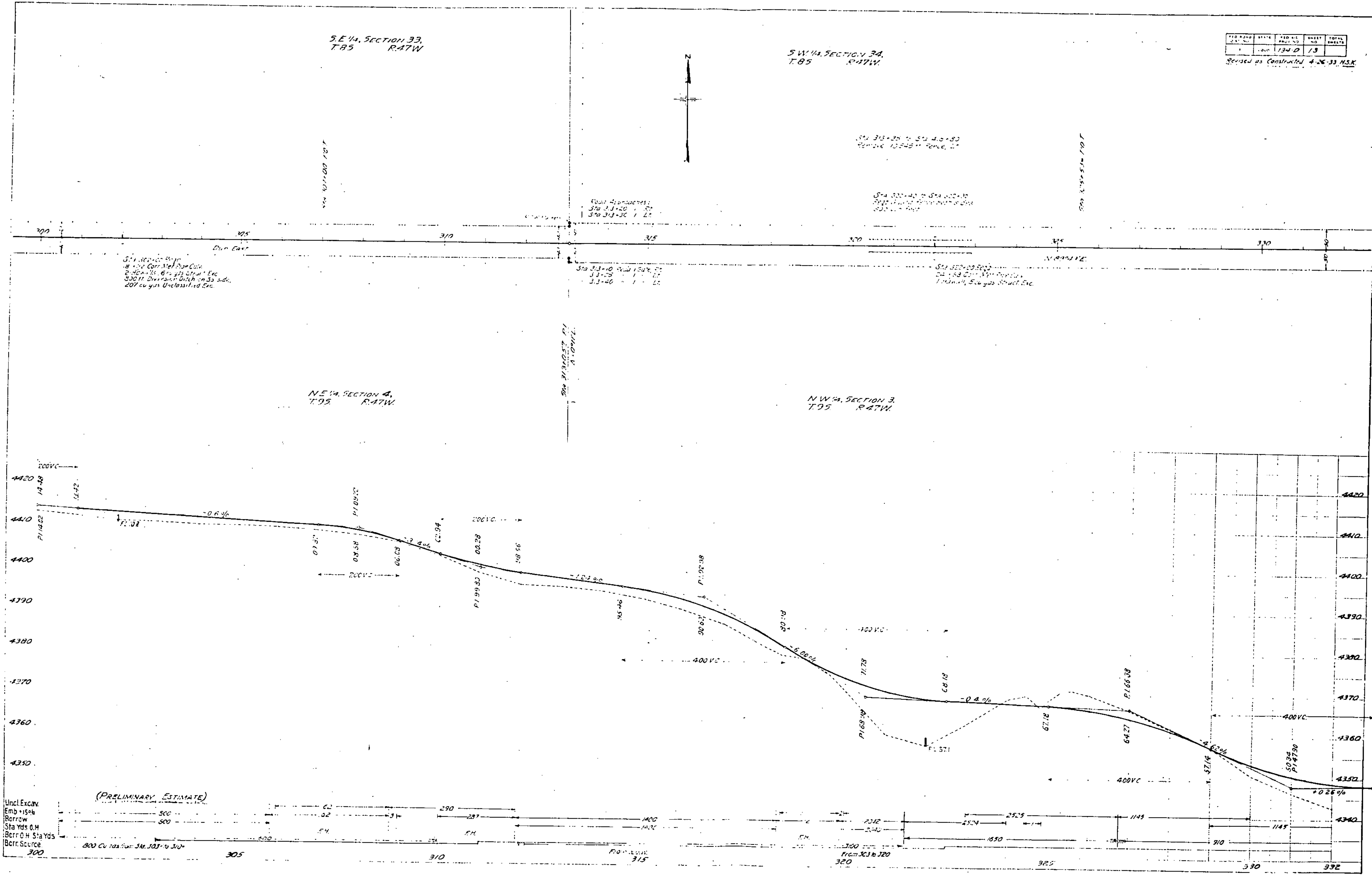
At the locations tabulated below, oil processed surfacing is to be placed, approximate 3½" loose thickness, and compacted to produce a suitable approach to the project. The quantities involved in these approaches are listed as follows:

LOCATION	SIDE	OIL PROCESS SURF. - TONS
188	Lt	20
259+	Lt & Rt	40
287	Lt	20
419+	Lt & Rt	40
437+	" " "	40
441+	" " "	40
445	" " "	40
TOTAL	(PRELIM. EST.)	240

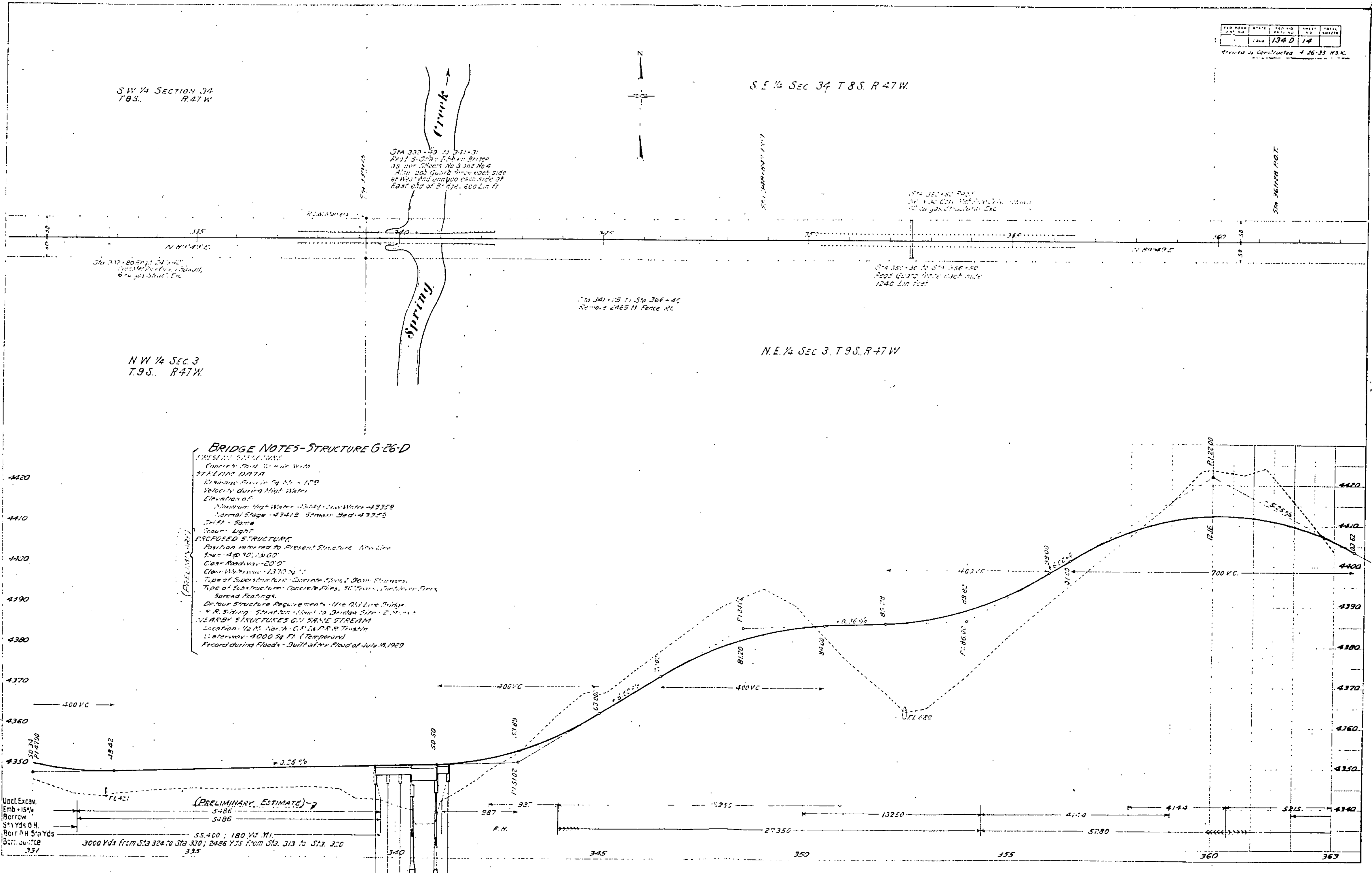


Δ = 11°51' L
D = 1°00'
R = 5730±
T = 594±
L = 1185±
S.W. 1/4, SECTION 31, T.8S. R.47W.
C.R.I.&P.R.R.
Township 8 South
Township 9 South
P.T. 181+44±
Present Road
P.I. 187+39±
S.E. 1/4, SECTION 31, T.8S. R.47W.
Sta 191+28 to Sta 259+55 Reqd 6827 ft. 3 Strand Barbed Wire Fence, Lt.
Sta 203+07± P.O.T.
Revised as Constructed 4-25-33 N.S.K.
134-D
11
N 79°01' E.
Due East
P.I. 175+53±
Sta 177+00 - Reqd. Project Marker, 2 R.O.W. Markers
STA. 177+00 - END F.A.P. NO. 134, SECTION B
BEG. F.A.P. NO. 134, SECTION D
P.C. 183+71±
Sta 185+63
Δ = 10°59' R
D = 1°30'
R = 3823±
T = 367±
L = 732±
P.T. 191+04±
Sta 188+12 to Sta 249+96 Remove 6124 ft. of fence, Rt.
Sta 185+78 to Sta 259+50 Reqd 7372 ft. 3 Strand Barbed Wire Fence, Rt.
N.W. 1/4, SECTION 6, T.9S. R.47W.
N.E. 1/4, SECTION 6, T.9S. R.47W.
+0.24%
P.I. 04.12
400 V.C.
300 V.C.
-2.5%
-0.542%
P.I. 90.16
200 V.C.
-2.16%
P.I. 82.60
200 V.C.
400 V.C.
-0.8%
P.I. 92.87
P.I. 79.20
-1.5%
4500
4490
4480
4470
(PRELIMINARY ESTIMATE)
Uncl. Excav.
Emb. +15%
Borrow
Sta. Yds. O.H.
Borr. O.H.
Borr. Source
500 Cu. Yds. From Sta. 200+ to 204+
F.H. From R.O.W.
177
180
185
190
195
200
205
208
S.E. 1/4, SECTION 31, T.8S. R.47W.
S.W. 1/4, SECTION 32, T.8S. R.47W.
S.E. 1/4, SECTION 32, T.8S. R.47W.
Sta 211+85±
90°14'
Sta 222+00 to 224+52 - Reqd 252 lin. ft. of Snow Fence.
Sta 223+66± P.O.T.
Sta 230+50 to 231+58 - Reqd 108 lin. ft. of Snow Fence.
Sta 235+80
R.O.W. Markers
Due East
Sta 211+60 - Reqd 15" x 30' C.M.P. Side Drain, 5 cu. yds Structural Excavation, 1 Gate & Road Approach, Rt.
Sta 210+30 - Reqd 2-15" x 30' C.M.P. Side Drains, 5 cu. yds Structural Excavation, 2 Road Approaches & 2 Gates Rt. & Lt.
Sta. 219+00 - Reqd 30" x 32' Cor. Metal Pipe Culvert & Headwalls, 13 cu. yds Struct. Excavation
Sta 235+00 - Reqd 4' x 8' x 30' Concrete Box Culvert, 37 cu. yds. Structural Excav., 220 ft. Diversion Ditch on North Side, 342 cu. yds. Unclassified Excav.
N.E. 1/4, SECTION 6, T.9S. R.47W.
N.W. 1/4, SECTION 5, T.9S. R.47W.
N.E. 1/4, SECTION 5, T.9S. R.47W.
-1.5%
300 V.C.
-0.10%
P.I. 58.45
F.L. 54±
300 V.C.
P.I. 57.80
+2.2%
P.I. 65.50
400 V.C.
300 V.C.
P.I. 50.10
-0.27%
P.I. 49.02
300 V.C.
400 V.C.
P.I. 34.56
F.L. 32±
+1.69%
4460
4450
4440
4430
(PRELIMINARY ESTIMATE)
Uncl. Excav.
Emb. +15%
Borrow
Sta. Yds. O.H.
Borr. O.H. Sta. Yds.
Borr. Source
100 Cu. Yds. From 212+ to 215+
1000 Cu. Yds. From Sta 220+ to 225+
840 Cu. Yds. From Sta 230+ to 235+
1539 Cu. Yds. From Sta 239+ to 245
F.H. From R.O.W.
207
210
215
220
225
230
235
239
PLAN
PROFILE

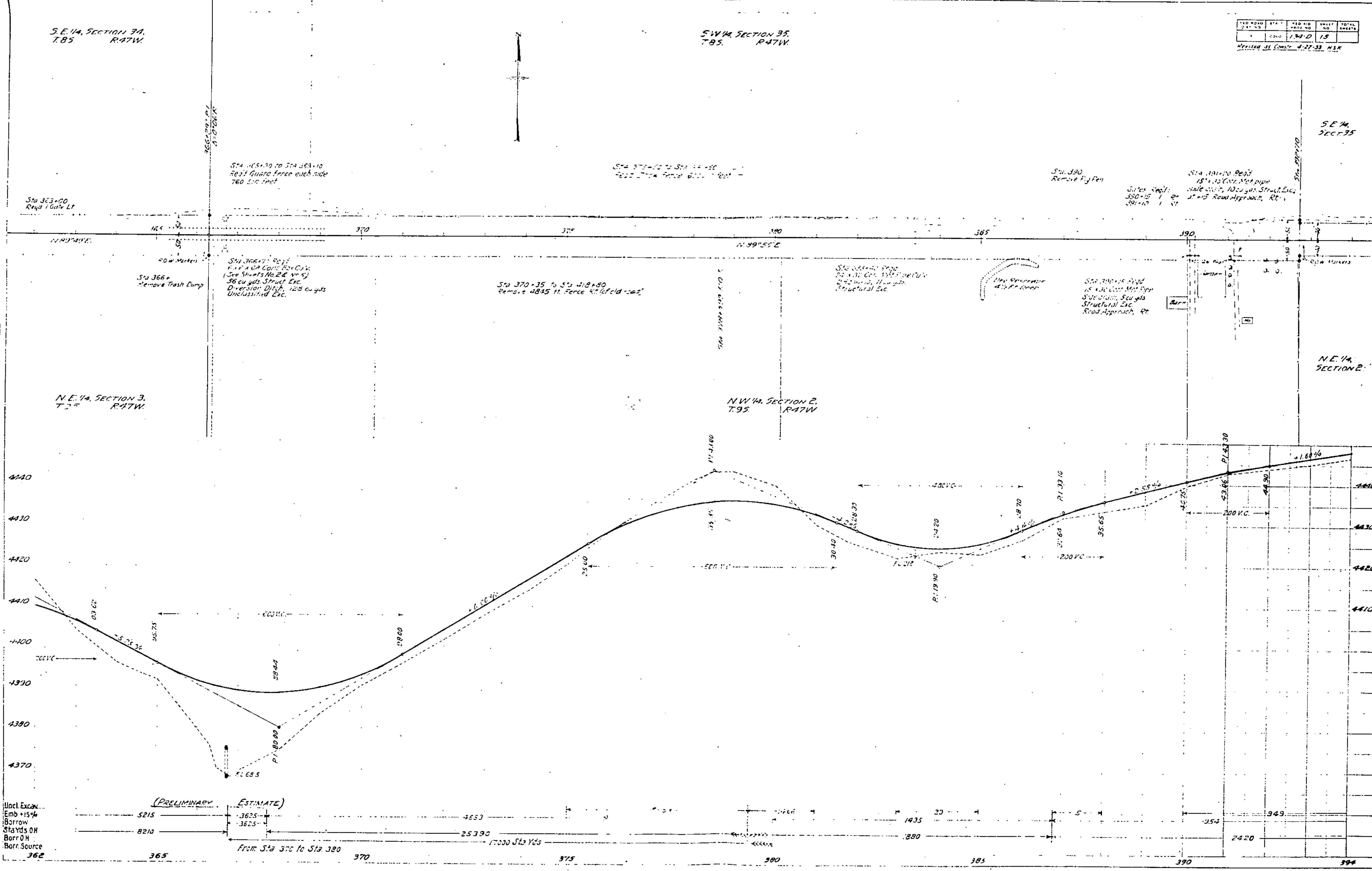

Project No. 134-D
Sheet No. 12
Revised as Constructed 4-26-33 H.S.K.
S.E. ¼, Section 32, T.85. R47W.
Sta 242+92.7 P.O.T.
Due East
+85 Reqd 2 Gates, Rt & Lt.
N.E. ¼, Section 5, T.95. R47W.
Sta 258+50 to 259+58 Reqd 108 Lin Ft of Snow Fence
Sta 260+05 Remove 30 ft Fence across road
R.O.W. Markers
County Road
S.E. ¼, Section 33, T.85. R47W
Sta 268+00 to 270+04 Reqd 204 ft Snow Fence
Due East
Structural Excav
Diversion Ditch South along County Road, 50 cu yds Unclassified Exc; 2 Road Apprs. Rt & Lt.
Cor Metal Pipe Culvert, Headwalls, 10 cu yds Structural Excav.
N.W. ¼, Section 4, T.95. R47W.
Sta 270+00 P.O.T.
P.I. 64.00
400' V.C.
200' V.C.
400 V.C.
F.L. 25.9
F.L. 15.1
P.I. 15.33
P.I. 32.09
P.I. 28.19
(Preliminary Estimate)
Uncl Excav
Emb +15%
Borrow
Sta Yds O.H.
Borr O.H.
Borr Source
570 Cu Yds from Sta 239+ to Sta 246 = 52 Cu Yds from Sta 250 to 250+
F.H.
238
240
245
250
255
260
265
270
4460
4450
4440
4430
4420
4410
S.W. ¼, Section 33, T.85. R47W.
Sta 270+00 P.O.T.
Sta 260+08 to Sta 418+85 Reqd 15,872 ft Galv Barbed Wire Fence, Lt.
Sta 278+55 to Sta 283+05 Remove 450 ft Fence, Lt.
Sta 284+10 to Sta 286+55 Remove 245 ft Fence, Lt
Road Approaches: Sta 284+00 1 Rt; Sta 284+45 2 Rt & Lt.
Sta 286+40
Sta 286+55 Reqd 2 Gates, Rt & Lt.
Sta 288+70 to 290+26 Reqd 156 ft Snow Fence
S.E. ¼, Section 33, T.85. R47W.
Sta 296+19 P.O.T.
Due East
Sta 260+08 to Sta 280+30 Remove 2022 ft Fence, Rt.
Sta 260+08 to Sta 416+80 Reqd 15,872 ft Galv Barbed Wire Fence, Rt.
Cor Metal Pipe Culvert, 2 Headwalls, 9 cu yds Struct Exc.
Well
Sta 281+85 to Sta 286+55 Remove 470 ft Fence, Rt.
N.W. ¼, Section 4, T.95. R47W.
N.E. ¼, Section 4, T.95 R47W.
P.I. 32.09
-0.20%
400' V.C.
200' V.C.
300' V.C.
600' V.C.
200' V.C.
+1.30%
-1.15%
-0.24%
P.I. 25.69
P.I. 30.79
P.I. 32.84
P.I. 27.64
P.I. 22.56
F.L. 26
(Preliminary Estimate)
Uncl Excav
Emb +15%
Borrow
Sta Yds O.H.
Borr O.H. Cu Yds
Borr Source
270
275
280
285
290
295
300
4440
4430
4420
4410



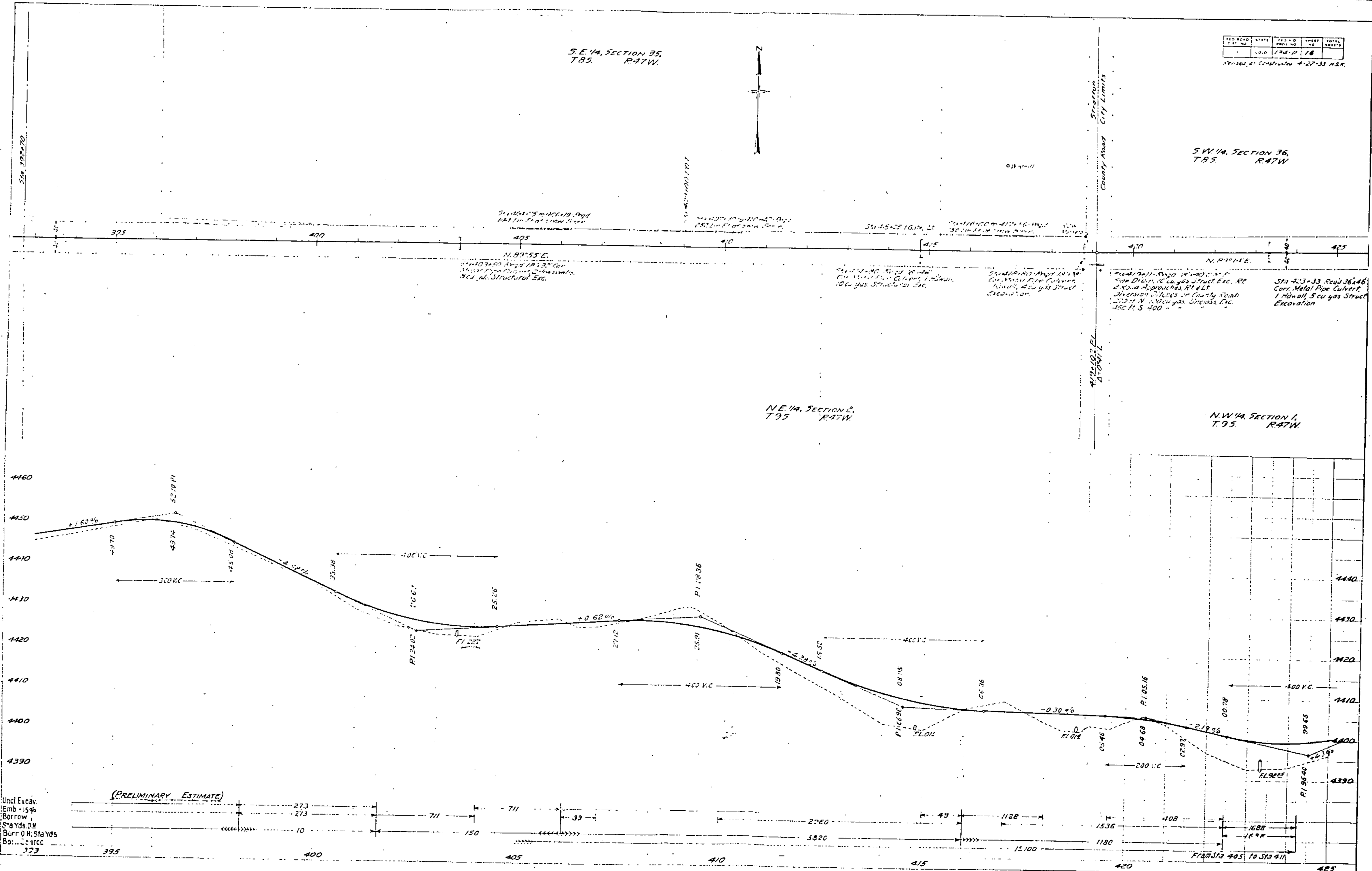
S.E ¼, SECTION 33, T.85 R.47W
S.W. ¼, SECTION 34, T.85 R.47W.
N
FED. AID PROJ. NO. 134-D
SHEET NO. 13
Revised as Constructed 4-26-33 H.S.K.
Sta 313+35 to Sta 4..+80 Remove 10,545 ft Fence, Lt
Road Approaches: Sta 313+20 1 Rt, Sta 313+30 1 Lt
Sta 313+10 Road Gate, Rt; 313+25 1 Lt; 313+40 1 Lt
300
305
310
315
320
325
330
Due East
N 89°... E
207 cu yds Unclassified Exc.
Sta 313+10.57 P.I. Δ 0°11' L.
N.E ¼, SECTION 4, T.95 R.47W.
N.W. ¼, SECTION 3, T.95 R.47W.
4420
4410
4400
4390
4380
4370
4360
4350
4340
200VC
-0.6%
P.I. 14.02
P.I. 09.92
200VC
P.I. 99.83
-1.04%
P.I. 92.08
400VC
-6.00%
400VC
P.I. 69.18
-0.4%
F.L. 57.1
P.I. 66.38
67.18
64.27
-4.62%
57.14
400VC
400VC
50.34 P.I. 47.90
+0.26%
(PRELIMINARY ESTIMATE)
Uncl. Excav.
Emb +15%
Borrow
Sta Yds O.H.
Borr. O.H. Sta Yds
Borr. Source
500
500
62
290
287
1400
2525
2524
1145
1145
1650
910
F.H.
800 Cu Yds from Sta 303 to 310
From 303 to 320
332



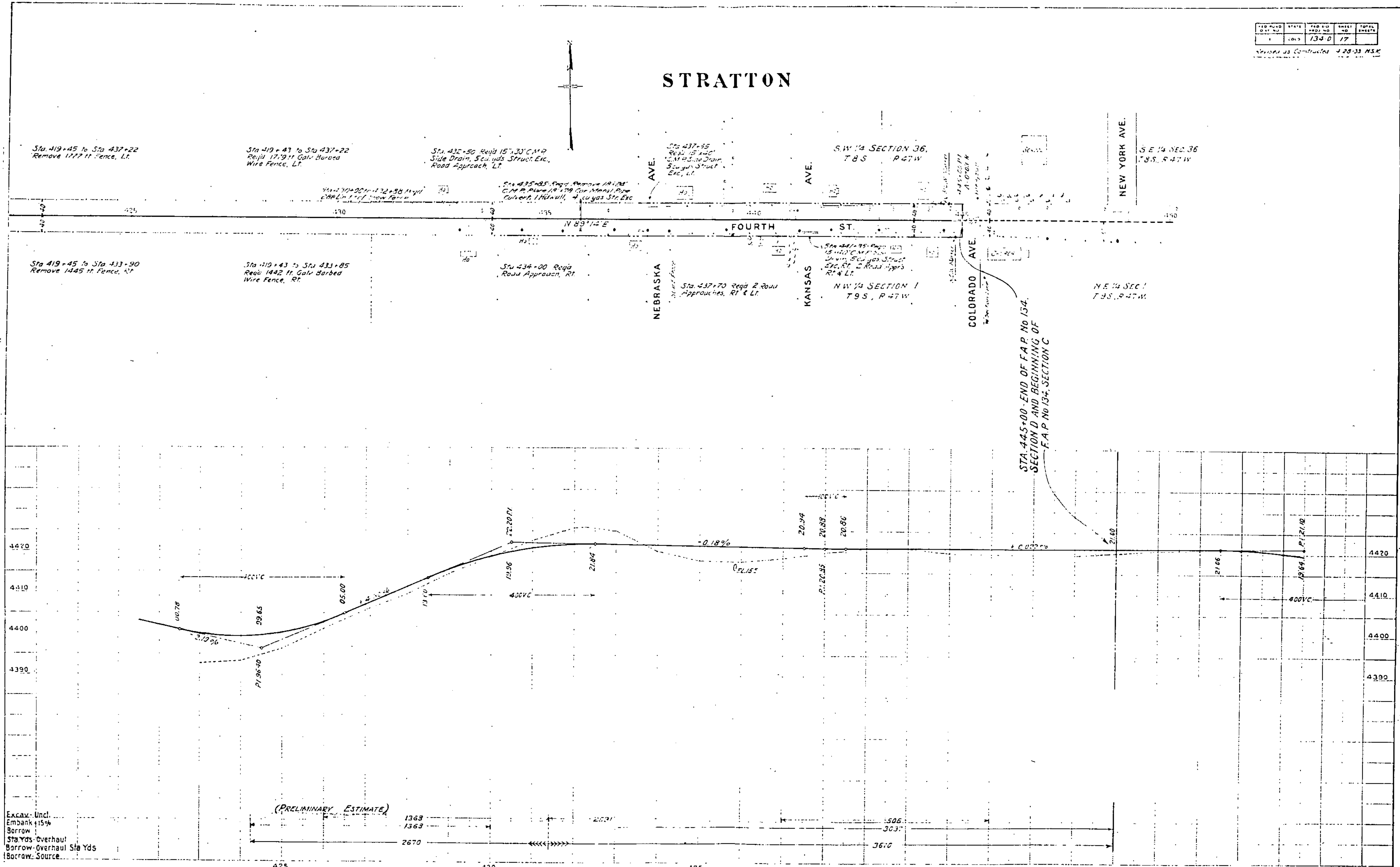
134 D
14
S W ¼ Section 34
T 8 S. R 47 W
S. E ¼ Sec 34 T 8 S. R 47 W.
N W ¼ Sec. 3
T. 9 S. R 47 W.
N. E. ¼ Sec 3. T 9 S. R 47 W
Spring
Creek
N
Sta 341+75 to Sta 364+40
Remove 2465 ft Fence Rt.
Sta 350+30 to Sta 356+50
Read Guard Fence each side
1240 Lin Feet
BRIDGE NOTES - STRUCTURE G-26-D
STREAM DATA
Velocity during High Water
Elevation of
Normal Stage
Drift - Some
Scour - Light
PROPOSED STRUCTURE
Position referred to Present Structure
Clear Roadway - 20'0"
Spread Footings.
Detour Structure Requirements - Use Old Line Bridge.
NEARBY STRUCTURES ON SAME STREAM
Waterway - 4000 Sq Ft. (Temporary)
Record during Floods - Built after Flood of July 18, 1929
(PRELIMINARY)
4420
4410
4400
4390
4380
4370
4360
4350
4340
400 V.C.
700 V.C.
+0.26 %
+0.36 %
+6.00 %
-5.25 %
Uncl. Excav.
Emb + 15%
Borrow
Sta Yds O.H.
Bor. O.H. Sta Yds
(PRELIMINARY ESTIMATE)
5486
55.400 ; 180 Yd. Mi.
3000 Yds from Sta 324 to Sta 330 ; 2486 Yds from Sta. 313 to Sta. 320
13250
27350
5080
4144
5215
335
340
345
350
355
360
363



Revised as Constr. 4-27-33 HSR
S.E. 1/4, SECTION 34. T.8S. R.47W.
S.W. 1/4, SECTION 35. T.8S. R.47W.
S.E. 1/4, SECT. 35
N.E. 1/4, SECTION 3. R.47W.
N.W. 1/4, SECTION 2. T.9S. R.47W
N.E. 1/4, SECTION 2.
Sta 363+00 Reqd 1 Gate Lt
Sta 365+30 to Sta 368+10 Reqd Guard Fence each side 760 Lin. feet
Sta 366+ Remove Trash Dump
Unclassified Exc.
Sta 370+35 to Sta 418+80 Remove 4845 ft. Fence Rt (old road)
N.89°55'E
Sta. 390 Remove Pig Pen
Structural Exc.
Road Approach, Rt.
R.O.W. Markers
Barn
4440
4430
4420
4410
4400
4390
4380
4370
+1.60%
+2.55%
+6.00%
200 V.C.
P.I. 80.00
P.I. 19.90
P.I. 33.10
P.I. 43.30
(PRELIMINARY ESTIMATE)
Uncl. Excav.
Emb +15%
Borrow
Sta Yds O.H.
Borr. O.H.
Borr. Source
5215
8210
3625
4653
25390
17000 Sta Yds
From Sta 370 to Sta 380
1435
1880
949
2420
362
365
370
375
380
385
390
394



Sheet No. 16
Fed. Aid Proj. No. 194-D
Colo.
Revised as Constructed 4-27-33 H.S.K.
S.E. 1/4, Section 35, T 8 S. R 47 W.
S.W. 1/4, Section 36, T 8 S. R 47 W
N.E. 1/4, Section 2, T 9 S R 47 W.
N.W. 1/4, Section 1, T 9 S. R 47 W.
N
Sta. 392+70
N. 89°55' E.
Sta. 403+50 Req'd 18"x32" Corr. Metal Pipe Culvert 2 Headwalls, 8 cu. yd. Structural Exc.
Sta. 415+25 10 ft. Lt.
Stratton City Limits
County Road
419+10.7 P.I.
Oil well
Sta. 423+33 Req'd 36"x46" Corr. Metal Pipe Culvert, 1 Headwall, 5 cu. yds. Struct. Excavation
Excavation
395
400
405
410
415
420
425
4460
4450
4440
4430
4420
4410
4400
4390
+1.60%
52.10 P.I.
49.70
49.74
45.08
300 V.C.
400 V.C.
33.38
P.I. 24.02
F.L. 22
25.26
+0.62%
27.12
P.I. 28.36
25.91
400 V.C.
19.80
-4.38%
15.52
08.15
P.I. 00.96
F.L. 01
06.36
-0.30%
F.L. 01
05.46
P.I. 05.16
04.68
200 V.C.
02.97
-2.19%
00.78
400 V.C.
99.65
+4.39%
F.L. 92
P.I. 96.40
(Preliminary Estimate)
Uncl. Excav.
Emb. +15%
Borrow
Sta. Yds. O.H.
Borr. O.H. Sta. Yds.
273
273
711
711
10
150
39
2060
5820
49
1128
1536
408
1180
15100
1688
1698
From Sta. 405 to Sta. 411



STRATTON
Sta. 419+45 to Sta. 437+22 Remove 1777 ft. Fence, Lt.
Sta. 419+43 to Sta. 437+22 Req'd 1779 ft. Galv. Barbed Wire Fence, Lt.
Sta. 432+50 Req'd 15"x30' C.M.P. Side Drain, 5 cu. yds. Struct. Exc., Road Approach, Lt.
Sta. 419+45 to Sta. 433+90 Remove 1445 ft. Fence, Rt.
Sta. 419+43 to Sta. 433+85 Req'd 1442 ft. Galv. Barbed Wire Fence, Rt.
Sta. 434+00 Req'd Road Approach, Rt.
Sta. 437+70 Req'd 2 Road Approaches, Rt. & Lt.
N 89°14' E
FOURTH
ST.
NEBRASKA
AVE.
KANSAS
AVE.
COLORADO
AVE.
NEW YORK AVE.
S.W. 1/4 SECTION 36, T8S, R47W
S.E. 1/4 SEC. 36 T8S, R47W
N.W. 1/4 SECTION 1 T9S, R47W
N.E. 1/4 SEC. 1 T9S, R47W
STA. 445+00 END OF F.A.P. No. 134, SECTION D AND BEGINNING OF F.A.P. No. 134, SECTION C
425
430
435
440
4420
4410
4400
4390
-0.18%
400' V.C.
(PRELIMINARY ESTIMATE)
Excav. Uncl.
Embank. +15%
Borrow
Sta. Yds. Overhaul
Borrow Overhaul Sta. Yds.
Borrow Source
1368
1368
2670
506
3037
3610