

DEPARTMENT OF HIGHWAYS STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S 0020(II) STATE HIGHWAY NO 94

LINCOLN COUNTY RIGHT OF WAY INFORMATION OBTAINED FROM AVAILABLE COUNTY RECORDS

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
LENGTH OF ROW PROJECT = 7 999 Miles

FEDERAL ROAD REC ON NO	DIVISION	PROJECT NO	SHEET NO.
9	COLORADO	S0020(II)	1

RIGHT OF WAY
Punkin Center-East

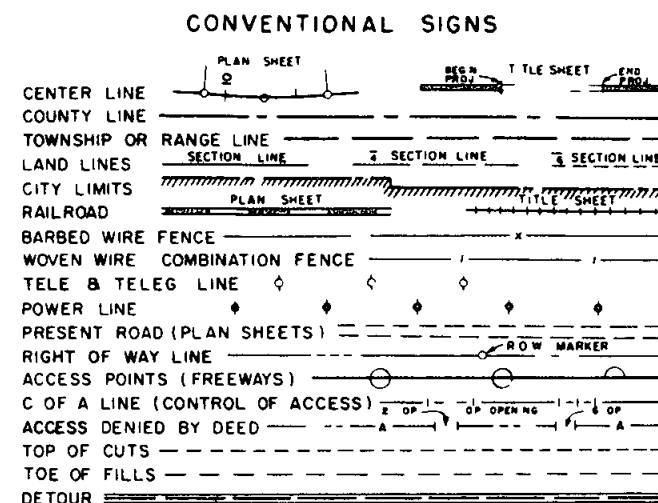
INDEX OF SHEETS

SHEET NO
1
2
3-17

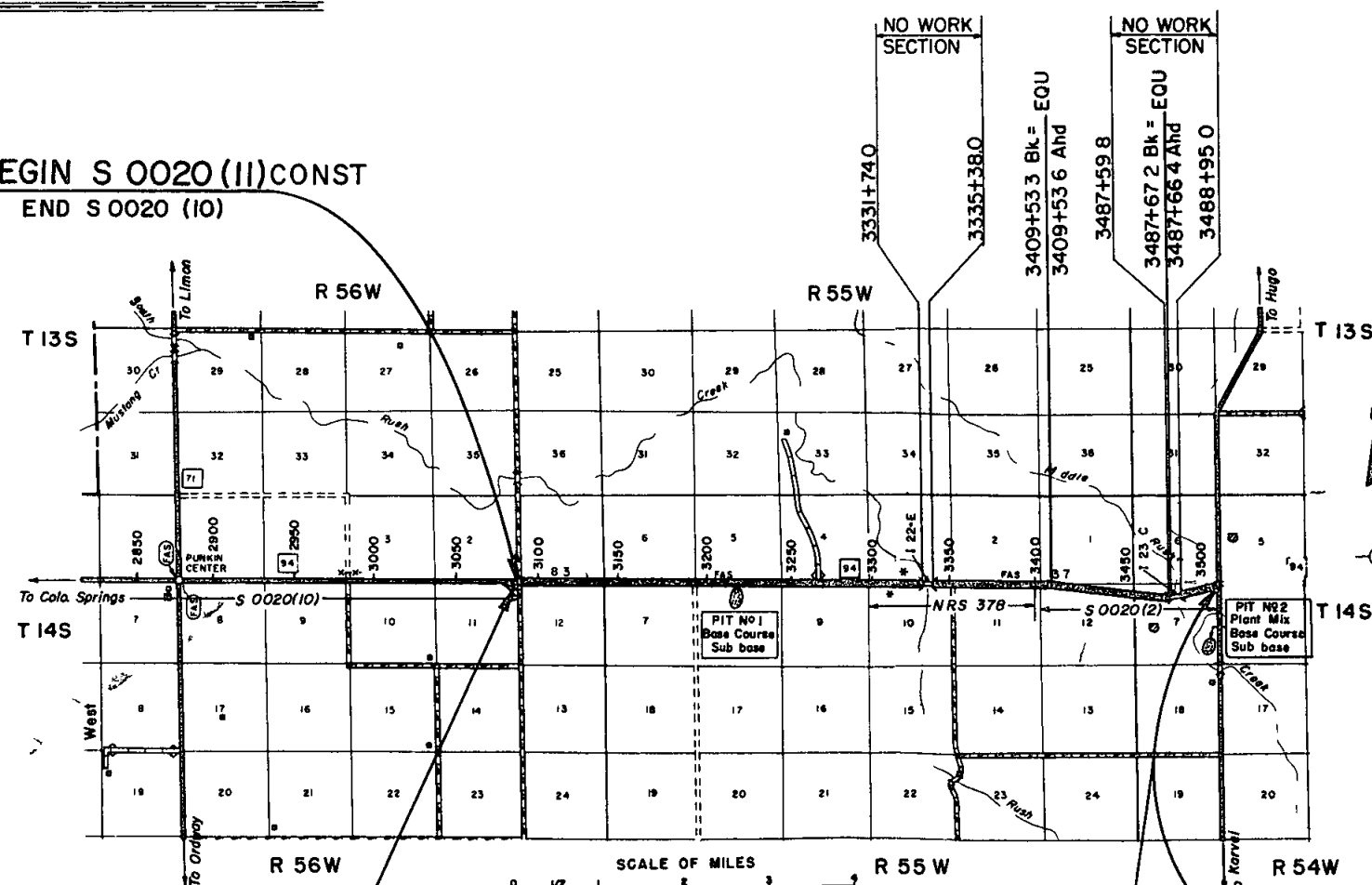
TITLE PAGE
TABULATION OF PROPERTIES
PLAN & PROFILE SHEETS SHOWING ROW

REVISIONS		
4 8 66	Add Sheets 15, 16 & 17	D. I.

NOTE
Plans and descriptions on this project are
calculated and checked by field forces



3087+720 BEGIN S 0020(II)CONST
3087+720 END S 0020(10)



BEGIN ROW P I 3088+054 S0020(II)

END ROW Sta 3510+412 S0020(II)=
Sta 107+819 ON S0020(2)

3510+920 END S 0020(II)CONST
108+327 ON S 0020(2)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJECT NO	SHEET NO
9	COLORADO	S 0020 (II)	2

RIGHT OF WAY Punkin Center-East

[illegible]

SE 1/4 SEC 2
T 14 S R 56 W
State of Colorado

SW 1/4 SEC 1
T 14 S R 56 W

NE 1/4 SEC 11
T 14 S R 56 W
Dorrie & Dorothy Rutledge

NW 1/4 SEC 12
T 14 S R 56 W

B M ELEV 5232.29
H & G 30' LT 3085+00
TEST NO 18 A 2 4(D)
LL NV
PI = NP
% = 200 = 19

B M ELEV 5231.86
NAIL IN POWER POLE 67' RT
3088+38
TEST NO 1 A 2-4(D)
LL = NV
PI = NP
R = 78
% = 200 = 16

B M ELEV 5223.73
H & G 33' LT 3090+00
B M ELEV 5210.23
H & G 33' LT 3095+00

B M ELEV 5196.36
H & G 33' LT 3100+00

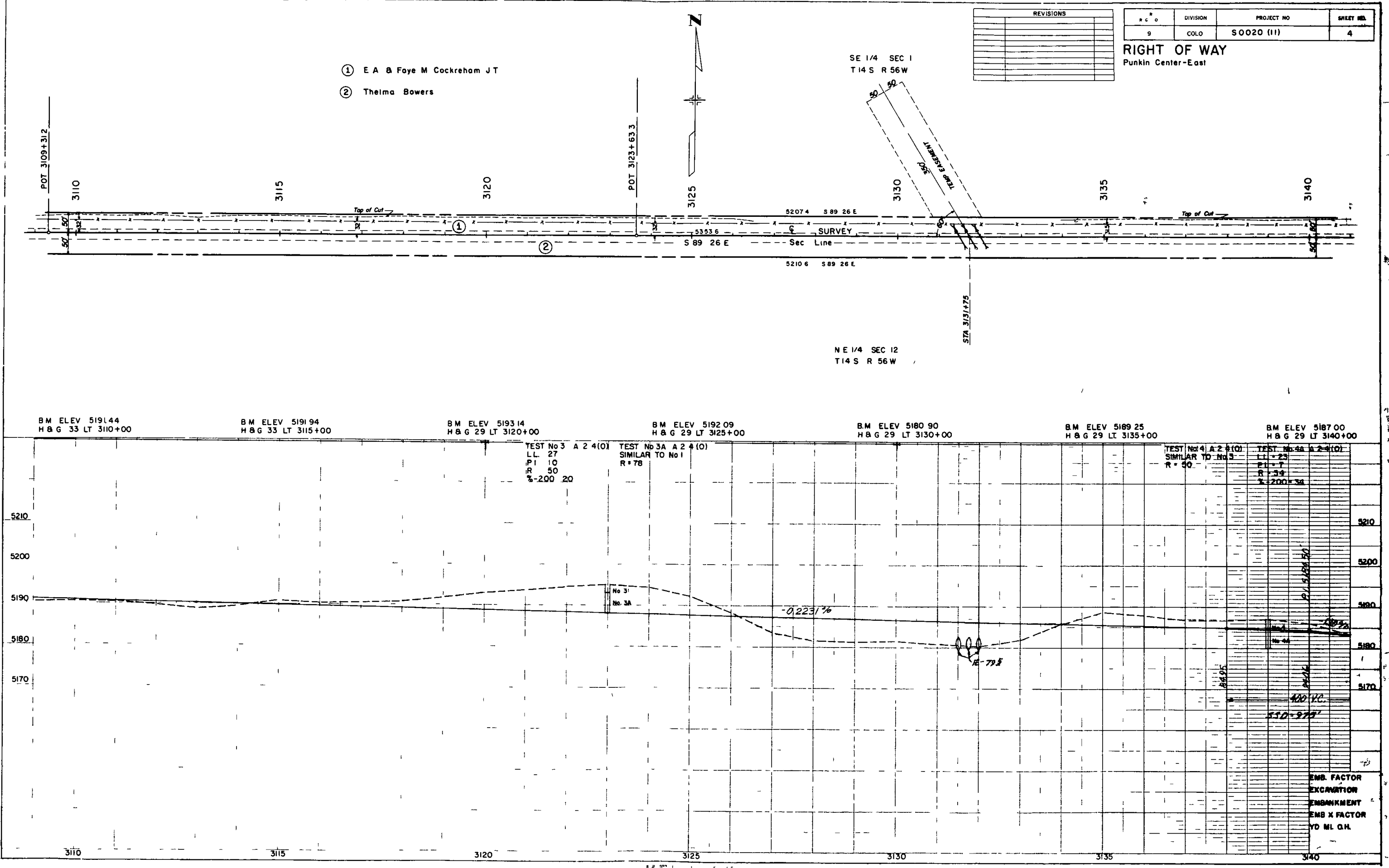
B M ELEV 5187.62
H & G 33' LT 3105+00

TEST NO 2 A 6(D)
LL = 26
PI = 11
C.B.R. = 8.3
% = 200 = 36
TEST NO 2 A 2 4(D)
SIMILAR TO NO. 1
R = 78

EMB FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
YD. ML. Q.M.

PLAN

PROFILE



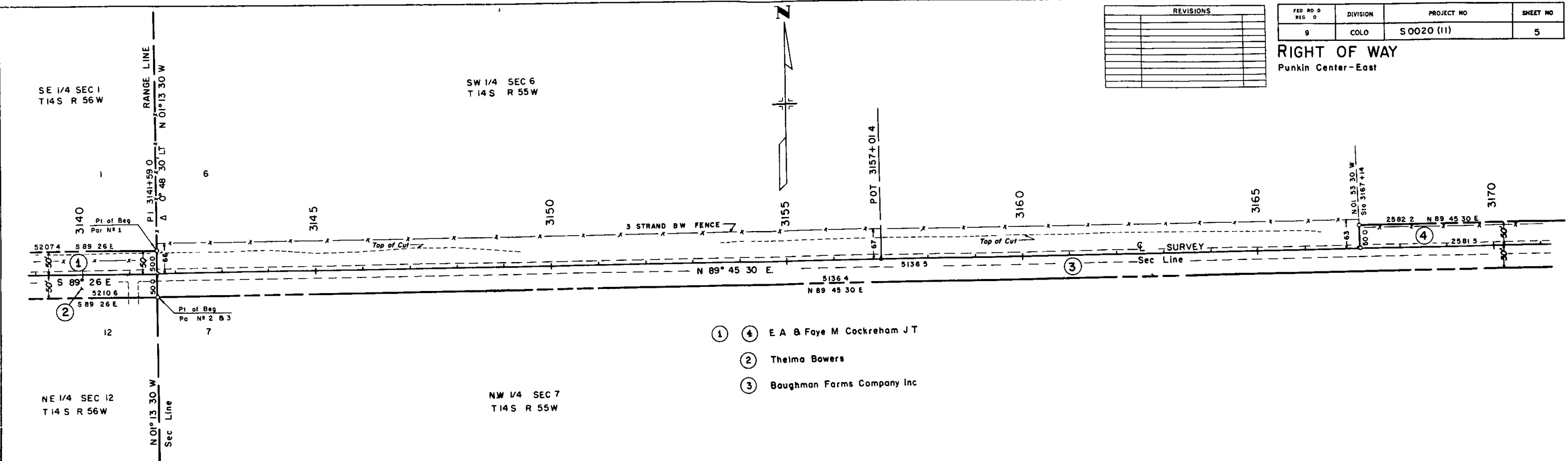
REVISIONS	

FED RD D REG D	DIVISION	PROJECT NO	SHEET NO
9	COLO	S0020 (11)	5

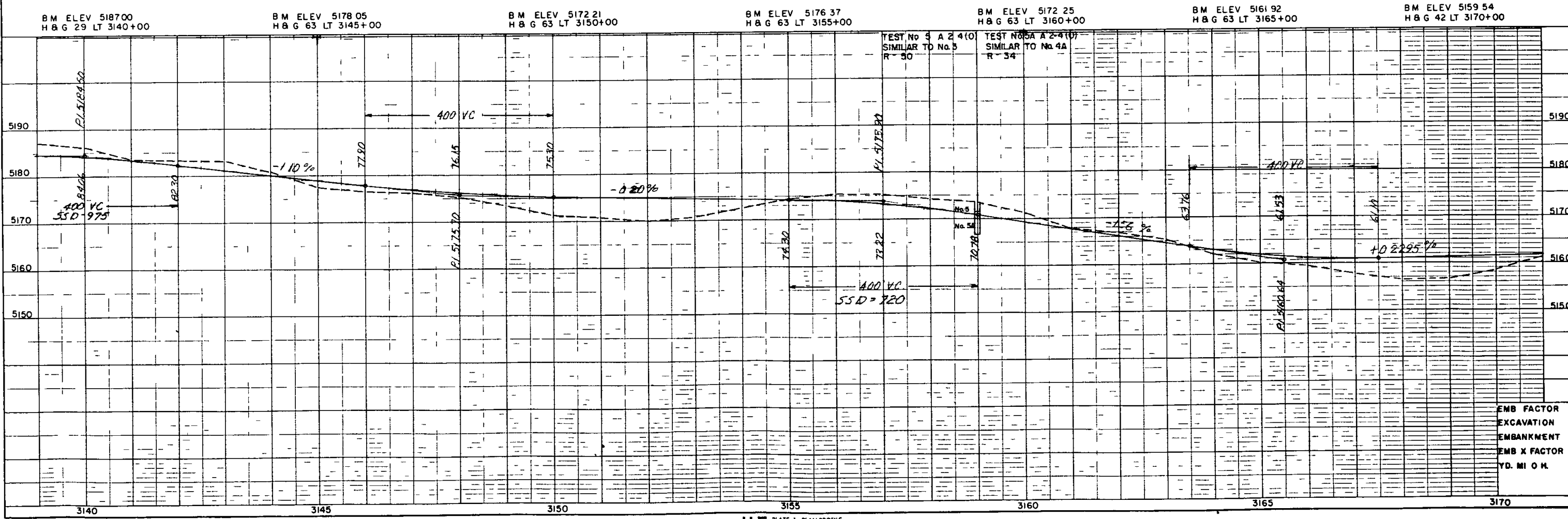
RIGHT OF WAY
Punkin Center-East

PLAN
0 100

PROFILE
0 100
NO



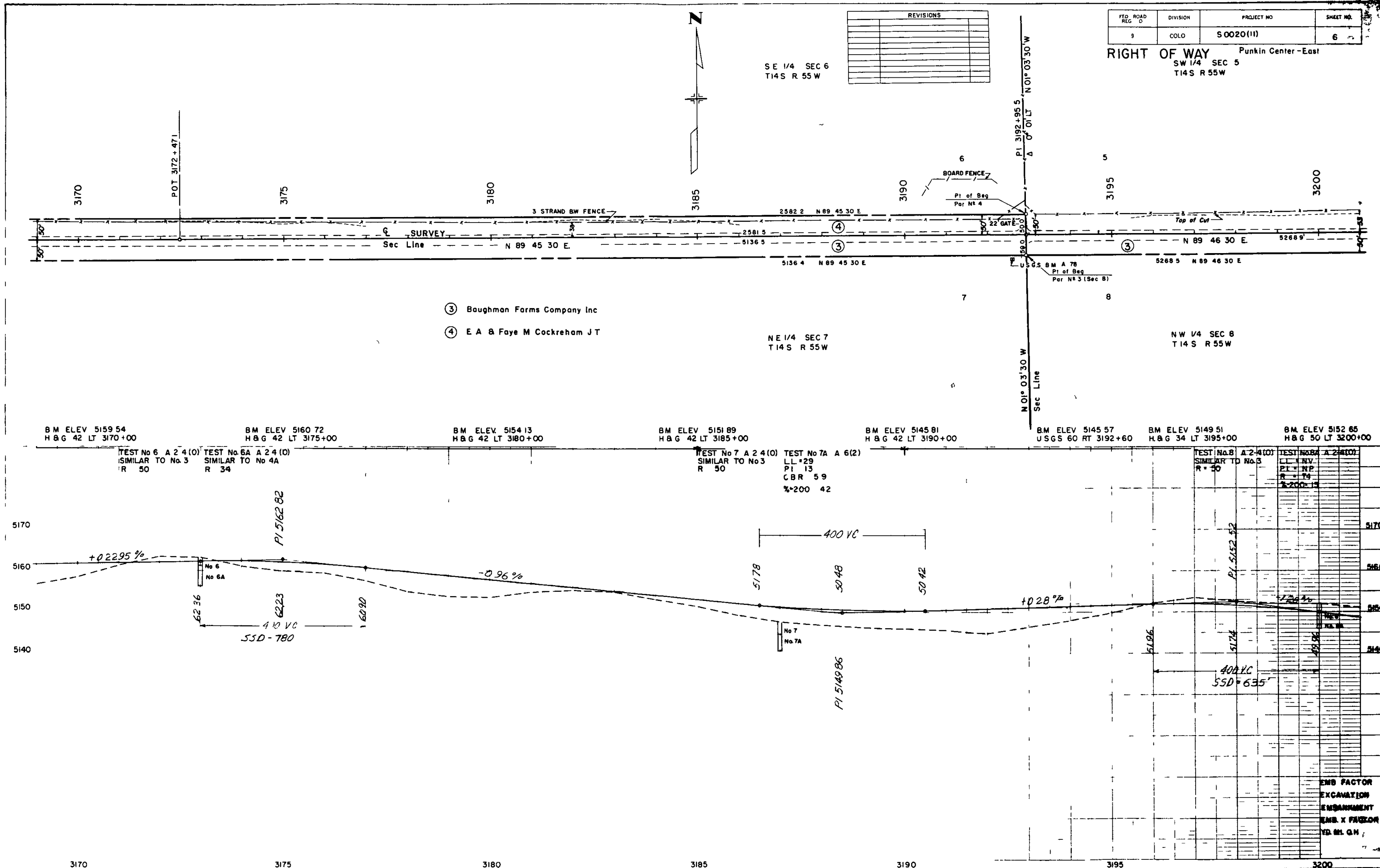
- ① ④ E A & Faye M Cockreham JT
- ② Thelma Bowers
- ③ Baughman Farms Company Inc



REVISIONS	

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	S0020(II)	6

RIGHT OF WAY
SW 1/4 SEC 5
T14S R 55W
Punkin Center - East



- ③ Baughman Farms Company Inc
- ④ E A & Faye M Cockreham JT

BM ELEV 5159.54 H & G 42 LT 3170+00
BM ELEV 5160.72 H & G 42 LT 3175+00
BM ELEV 5154.13 H & G 42 LT 3180+00
BM ELEV 5151.89 H & G 42 LT 3185+00
BM ELEV 5145.81 H & G 42 LT 3190+00
BM ELEV 5145.57 U.S.G.S. 60 RT 3192+60
BM ELEV 5149.51 H & G 34 LT 3195+00
BM ELEV 5152.65 H & G 50 LT 3200+00

TEST No 6 A 2 4 (O) SIMILAR TO No 3 R 50
TEST No 6A A 2 4 (O) SIMILAR TO No 4A R 34
TEST No 7 A 2 4 (O) SIMILAR TO No 3 R 50
TEST No 7A A 2 (2) LL *29 PI 13 CBR 59 %*200 42
TEST No 8 A 2 4 (O) SIMILAR TO No 3 R 50
TEST No 8A A 2 4 (O) LL *29 PI 13 CBR 59 %*200 42
TEST No 9 A 2 4 (O) SIMILAR TO No 3 R 50
TEST No 9A A 2 4 (O) LL *29 PI 13 CBR 59 %*200 42

EMB. FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
YD. ML. Q.M.

REVISIONS		

FED. RD. DIST.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	S0020(11)	7

RIGHT OF WAY
Punkin Center-East

S E 1/4 SEC 5
T 14 S R 55 W

S W 1/4 SEC 5
T 14 S R 55 W

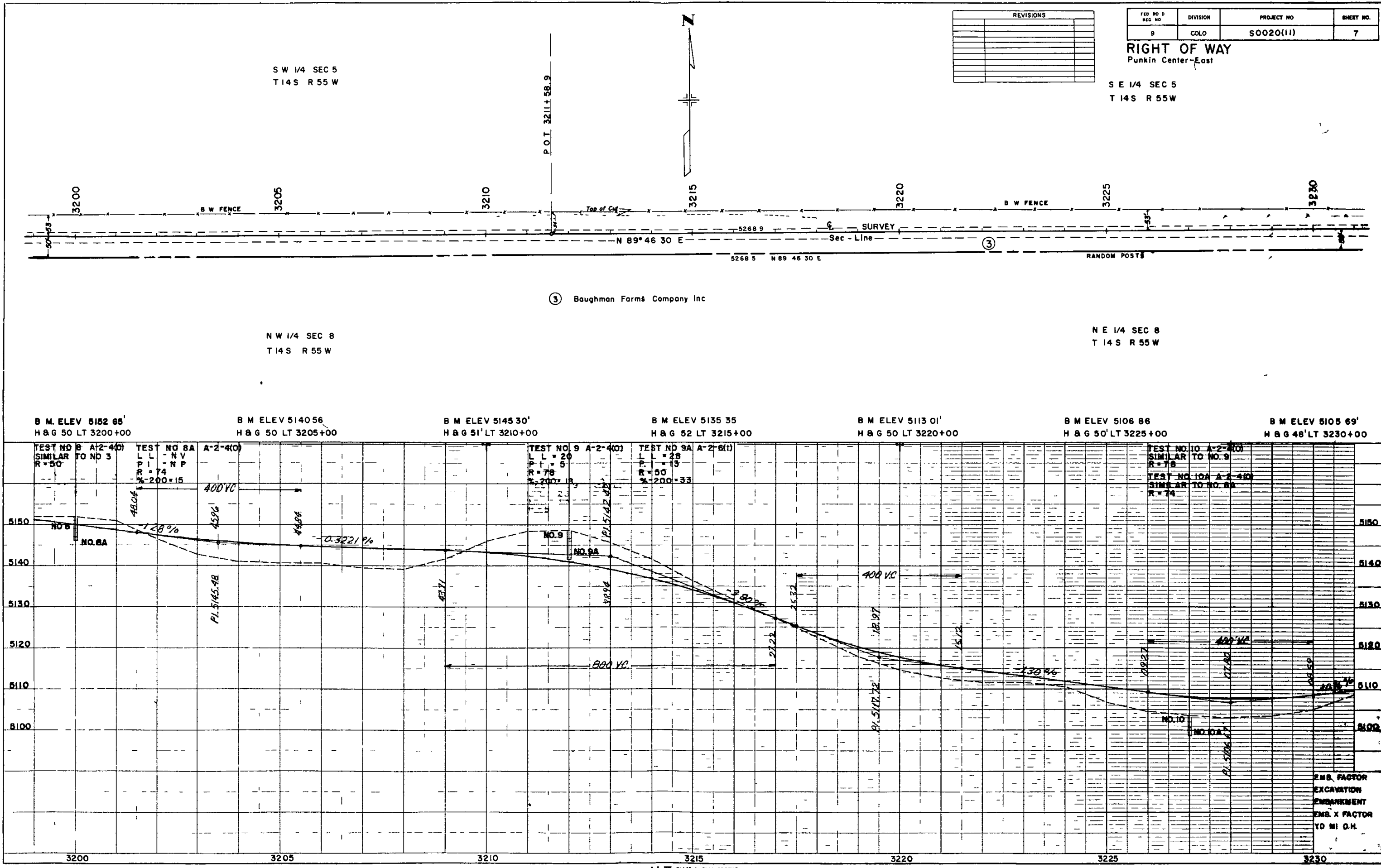
N W 1/4 SEC 8
T 14 S R 55 W

N E 1/4 SEC 8
T 14 S R 55 W

③ Baughman Farms Company Inc

PLAN
0 100

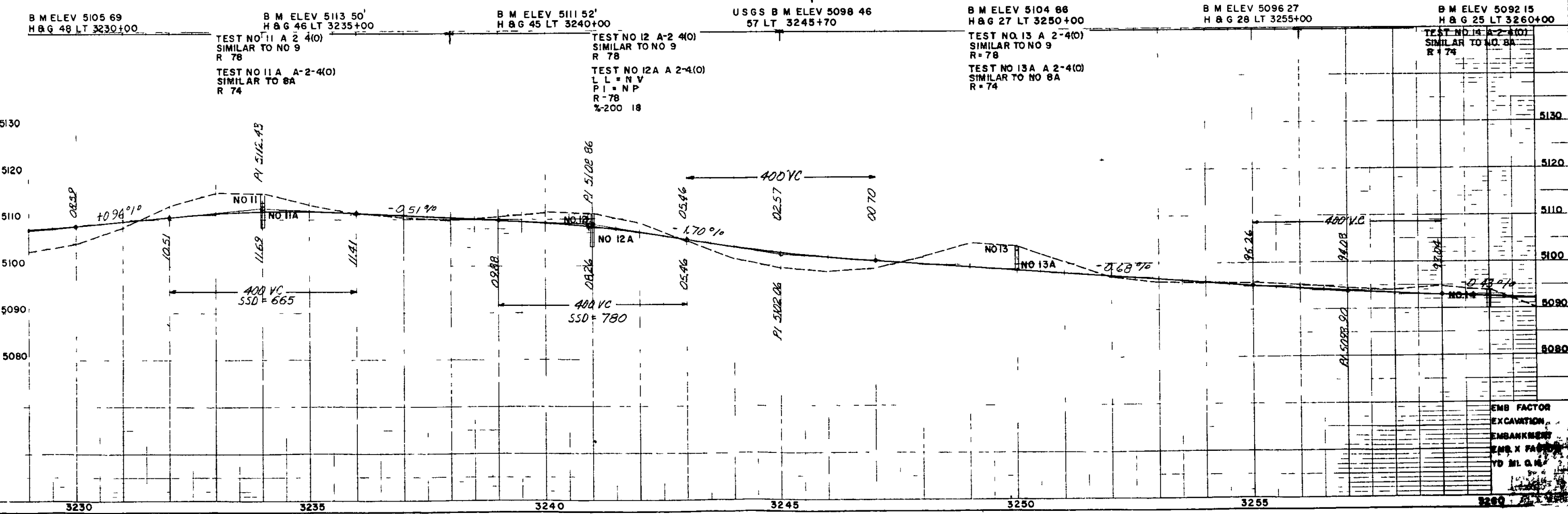
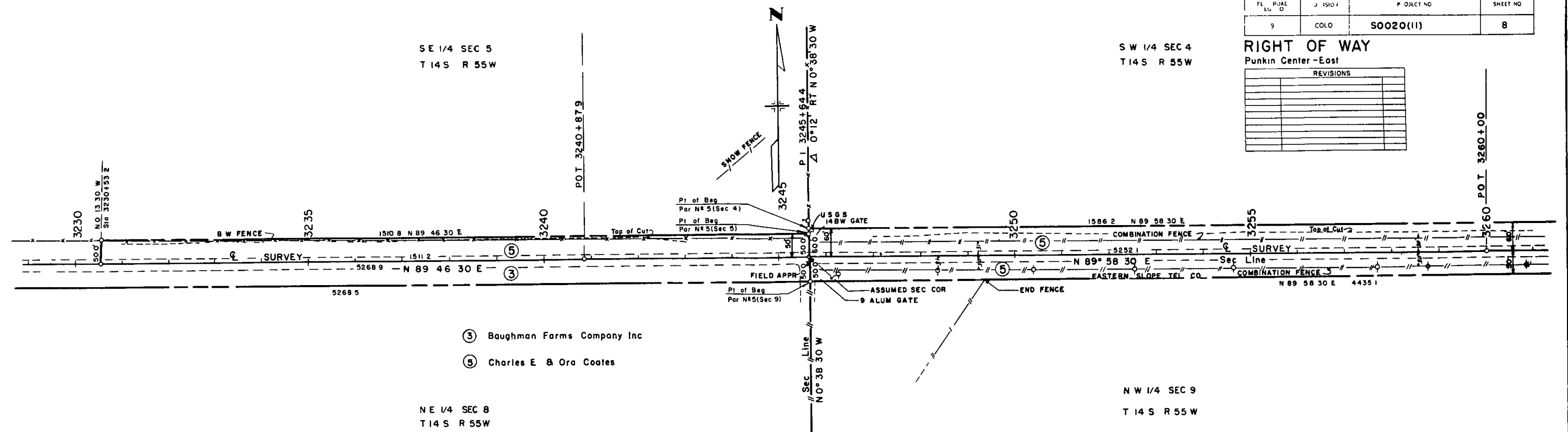
PROFILE
0 10



FL. PAGE	J. 1510-1	P. 01510-1	SHEET NO.
9	COLO.	50020(11)	8

RIGHT OF WAY
Punkin Center - East

REVISIONS



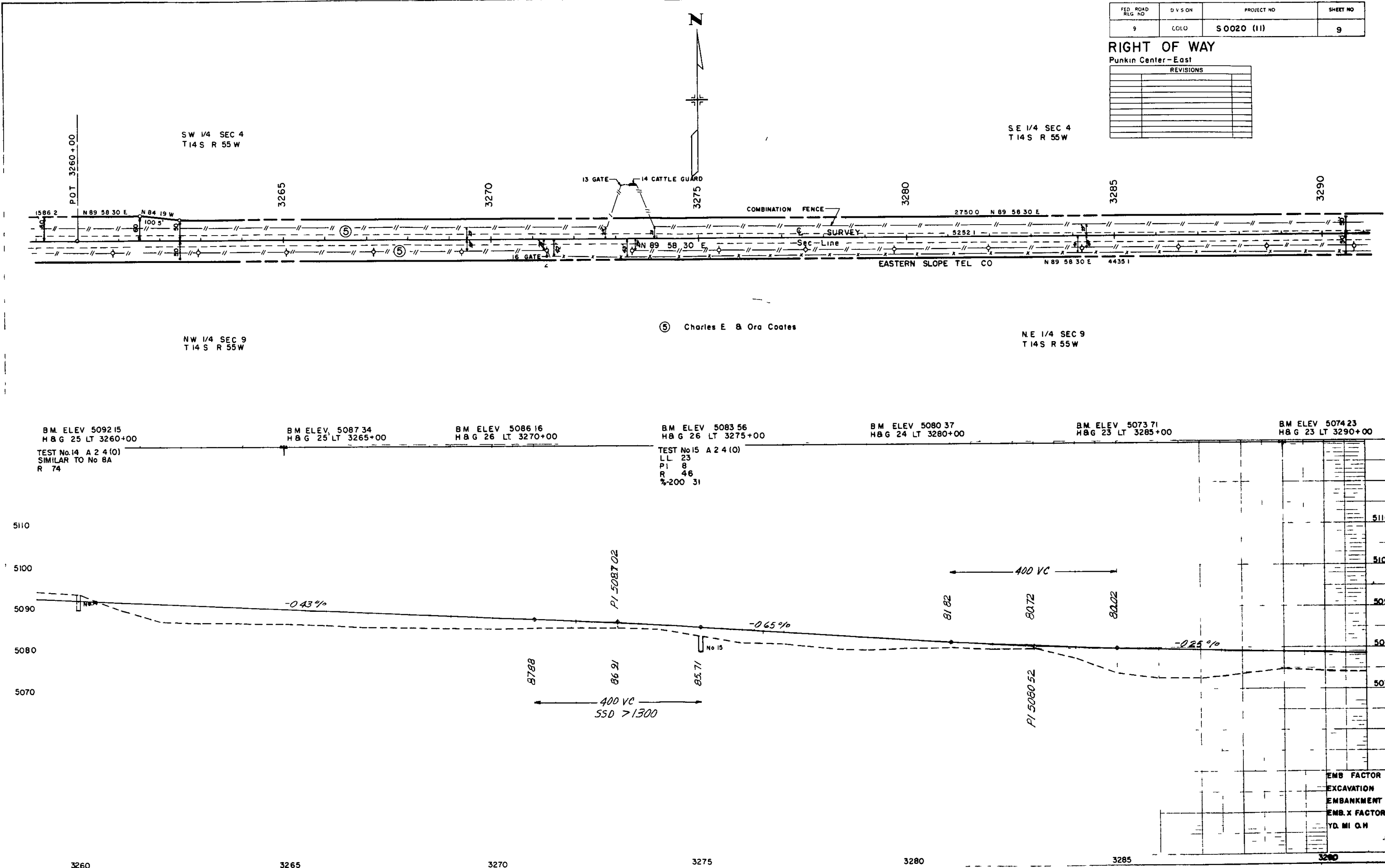
EMB. FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
YD. M. G. M.

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	S 0020 (II)	9

RIGHT OF WAY

Punkin Center-East

REVISIONS	



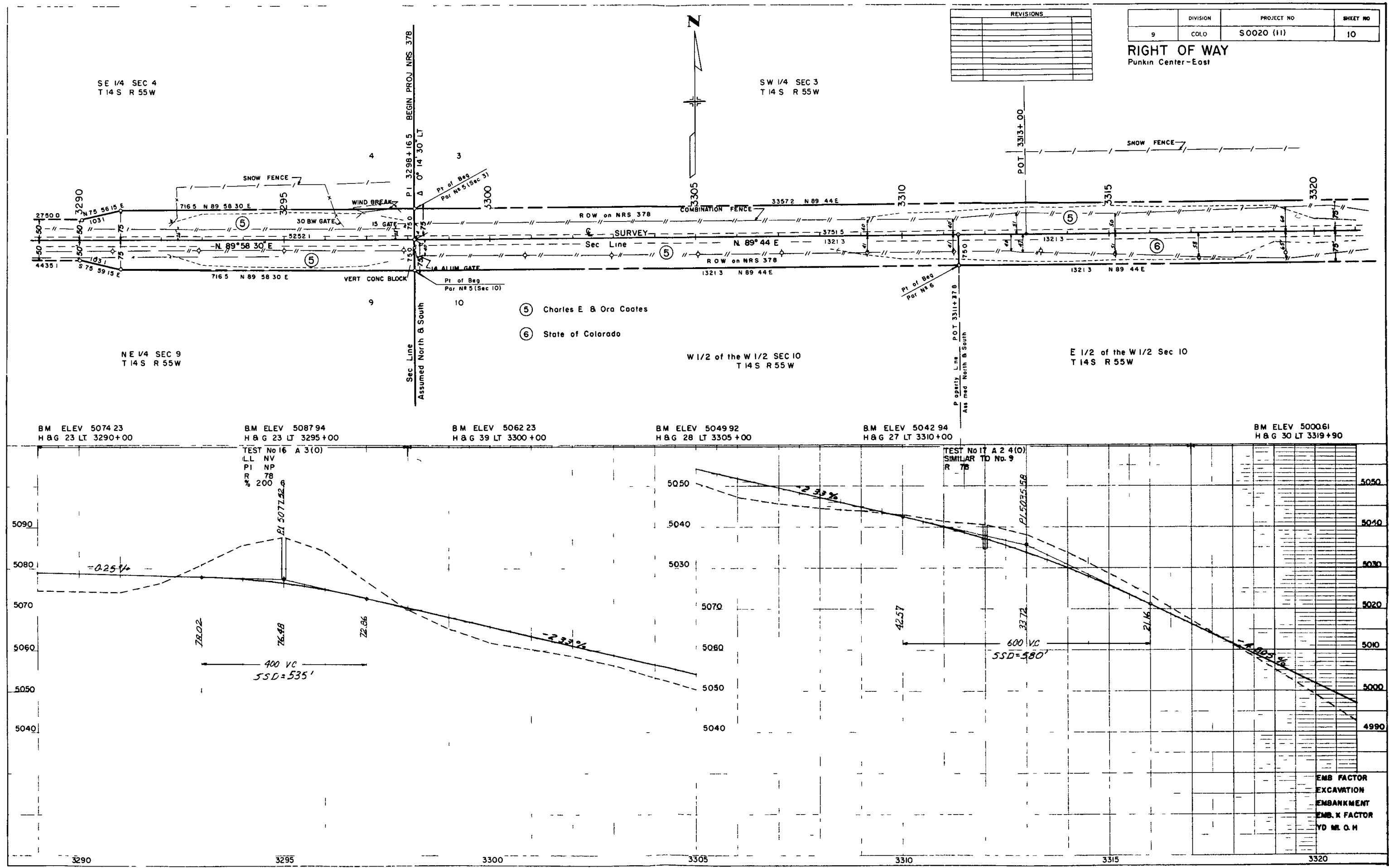
REVISIONS	

DIVISION	PROJECT NO	SHEET NO
9	COLO S0020 (11)	10

RIGHT OF WAY
Punkin Center-East

PLAN

PROFILE



0	DIVISION	PROJECT NO	SHEET NO
9	COLO	SOO20(11)	11

RIGHT OF WAY Punkin Center-East

SE 1/4 SEC 3
T 14 S R 55 W

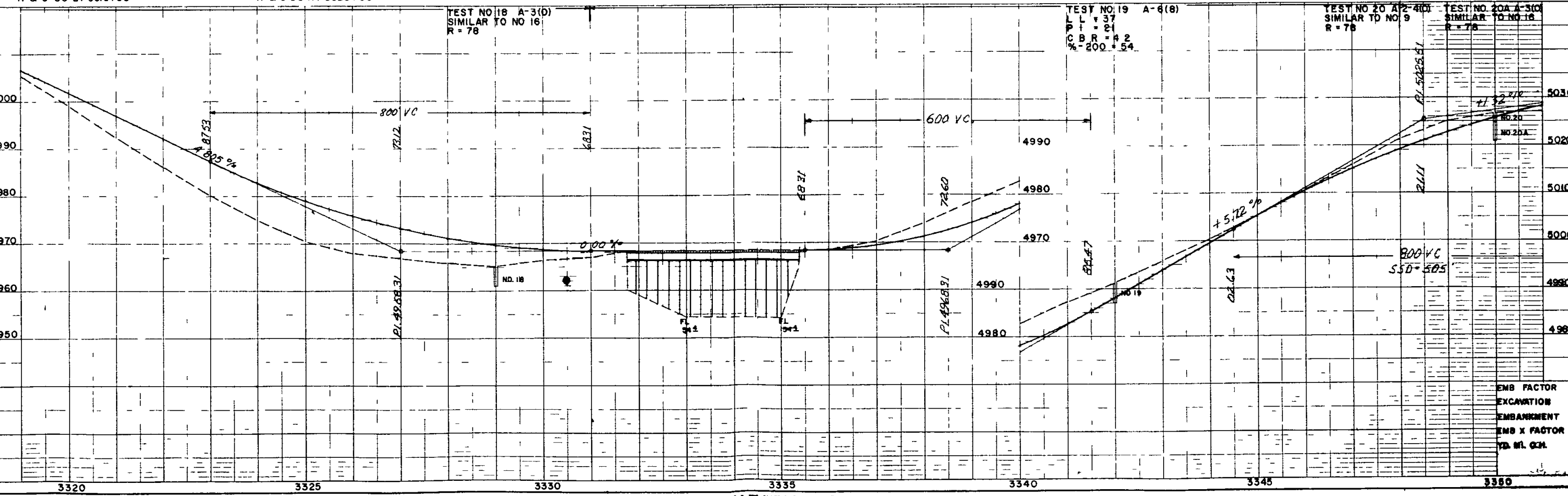
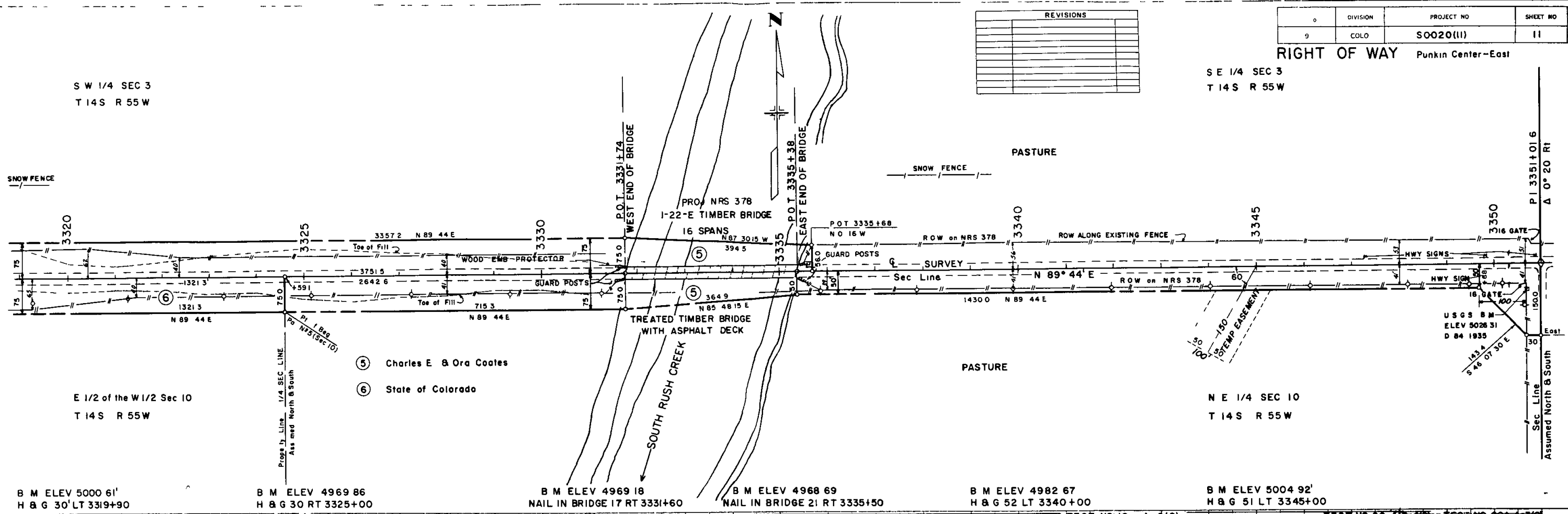
REVISIONS

SW 1/4 SEC 3
T 14 S R 55 W

E 1/2 of the W 1/2 Sec 10
T 14 S R 55 W

NE 1/4 SEC 10
T 14 S R 55 W

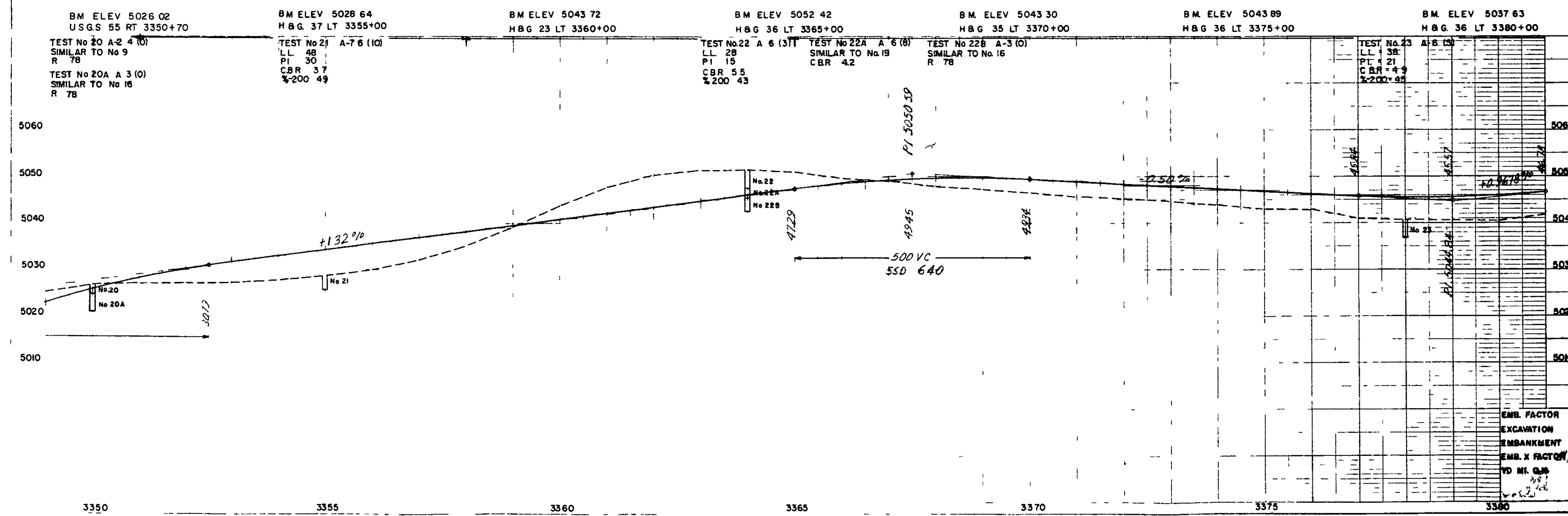
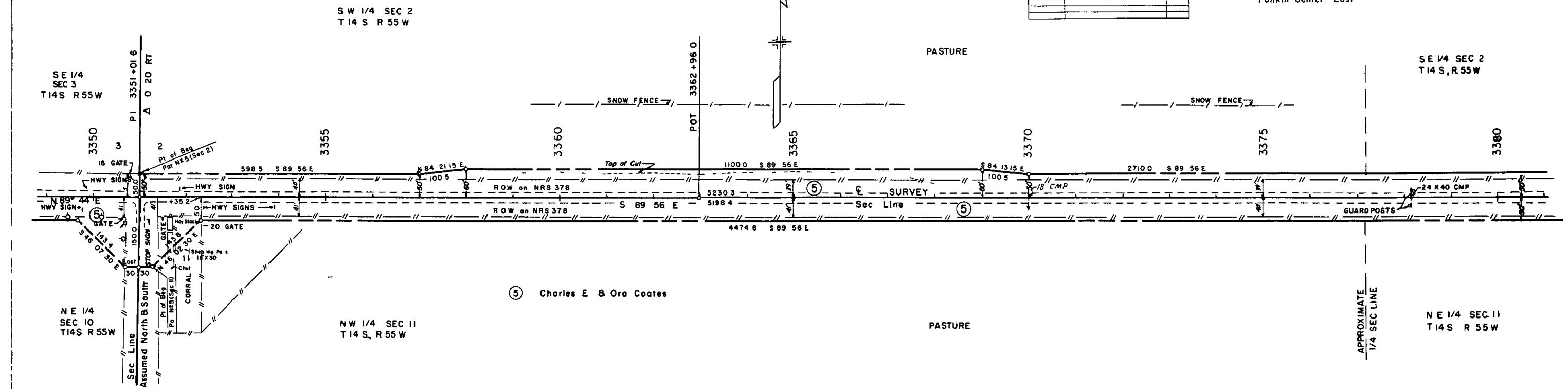
- ⑤ Charles E. & Ora Coates
- ⑥ State of Colorado



REVISIONS		

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	S 0020 (II)	12

RIGHT OF WAY
Punkin Center - East



RIGHT OF WAY PUNKIN CENTER-EAST	
4	66
Add Sheet No. 14	
D 1	

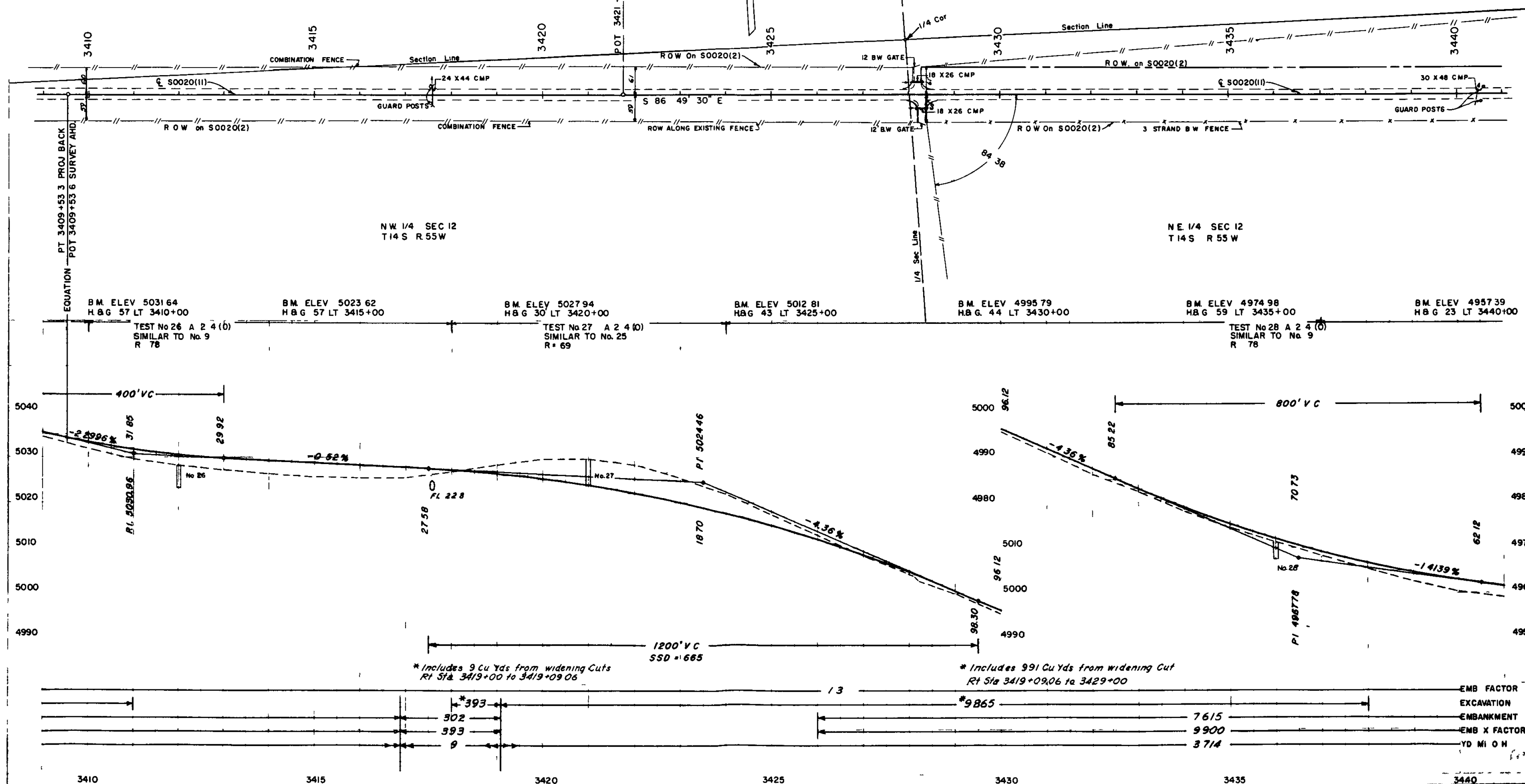
REVISIONS	
4	66
Add Sheet No. 14	
D 1	

SW 1/4 SEC. 1
T14 S R 55 W

SE 1/4 SEC. 1
T14 S R 55 W

NW 1/4 SEC. 12
T14 S R 55 W

NE 1/4 SEC. 12
T14 S R 55 W



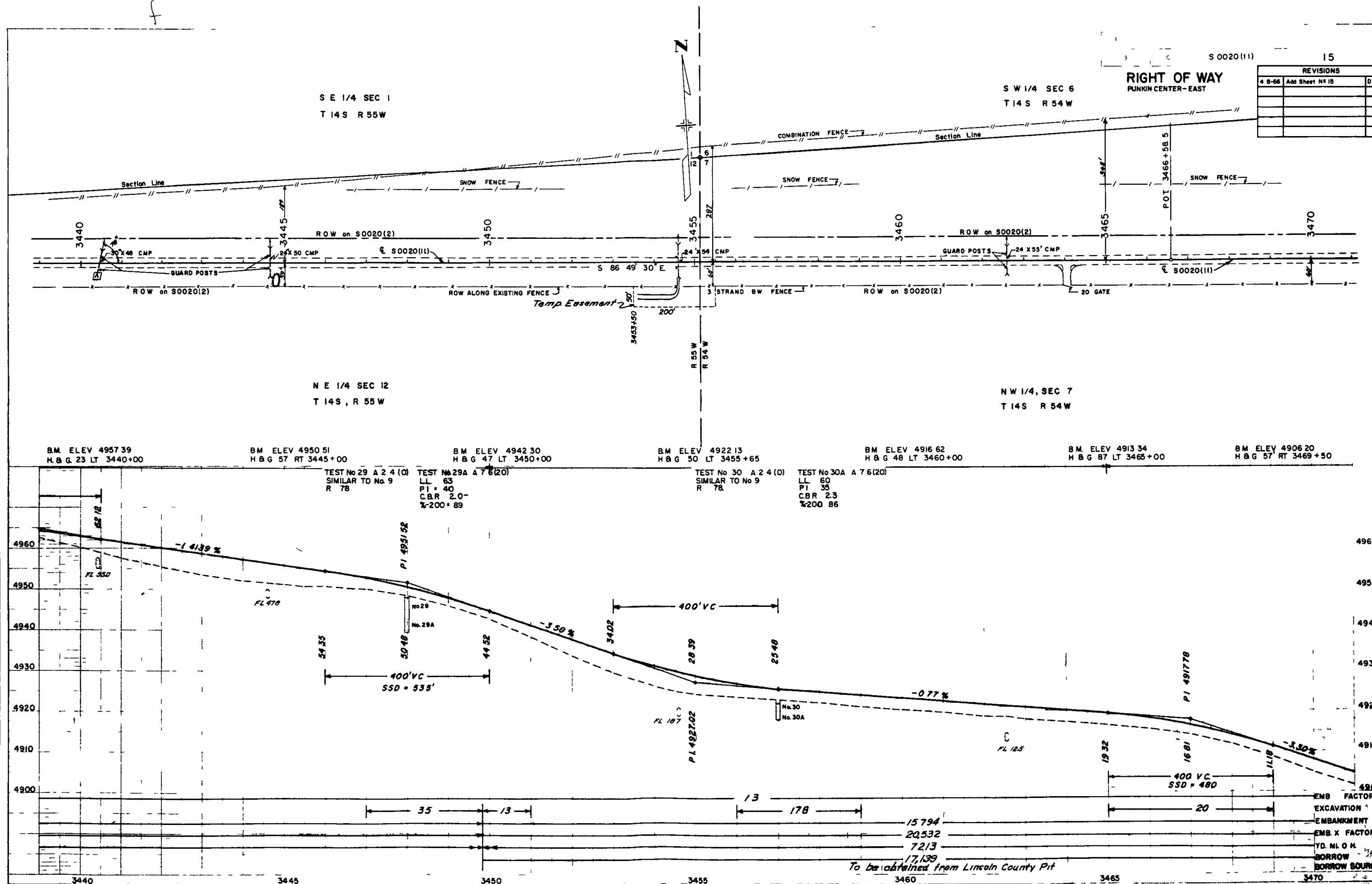
RIGHT OF WAY

PUNKIN CENTER~EAST

REVISIONS		
4 8-66	Add Sheet N ^o 15	D

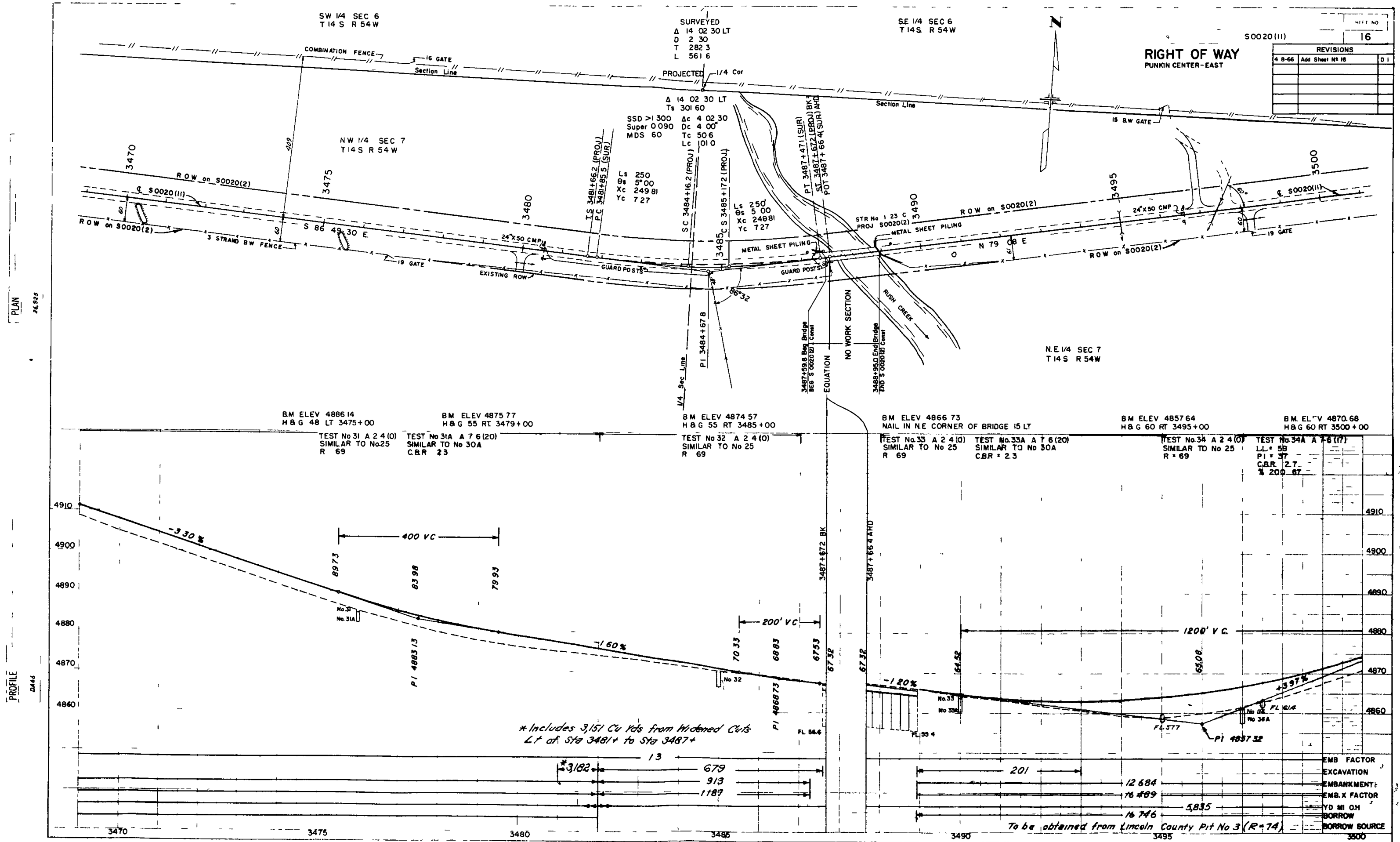
S E 1/4 SEC 1
T 14 S R 55 W

S W 1/4 SEC 6
T 14 S R 54 W



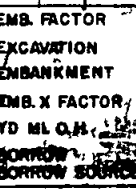
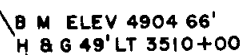
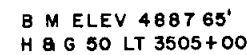
To be obtained from Lincoln County Pit

EMB FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
YD. ML O H
BORROW
BORROW SOURCE



RIGHT OF WAY
Punkin Center East

PLAN
0 00
026.925



IT IS ESTIMATED THAT MATERIAL FOR SURFACING
AND SUBBASE PLANS FOR THE PROJECT IS AVAILABLE
IN THE VICINITY OF THE PITS INDICATED IN THE
FOLLOWING TABULATIONS. ESTIMATED QUANTITIES INVOLVED
IN THESE OPERATIONS ARE SHOWN BELOW

ALTERATIONS OF THESE PLANS AS WERE OUTLINED WILL BE
ALLOWED ONLY ON WRITTEN PERMISSION FROM THE DEPARTMENT

FEDERAL ROAD REGION NO	DIVISION	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLORADO	S0020(11)	7	

[R-1] Rev 3 23 66 MEV - Fencing Requirements

SURFACING PLAN

MATERIAL TO BE PLACED	SOURCE	TONS USED		TON MILE	
		HOT BITUMINOUS PAVEMENT GRADE F	AGGREGATE BASE COURSE CLASS 7	HOT BITUMINOUS PAVEMENT	AGGREGATE BASE COURSE
3087 + 72 to 3211 + 00	H B P PIT NO 2	3 698	7 397	29 021	9 756
3211 + 00 to 3331 + 74		3 622	7 244	20 055	9 380
3335 + 38 to 3409 + 53 BK		2 225	4 449	8 060	14 279
3409 + 53 6A to 3487 + 59 B	A B C PIT NO 1	2 342	4 684	5 108	21 785
3488 + 95 0 to 3510 + 92 0	R = 79	659	1 318	796	7 412
FROM LISTS OF STRUCTURES		94	441	335	1 447
TOTALS		12 640	25 533	63 375	64 059

R O W MARKERS

STATION	SIDE	NO
3087 + 72	RT & LT	2
3114 + 12	RT & LT	2
3141 + 59	RT & LT	2
3167 ±	RT & LT	2
3193 ±	RT & LT	2
3219 + 40	RT & LT	2
3245 +	RT & LT	2
3260 ±	RT & LT	2
3290 ±	RT & LT	2
3316 + 40	RT & LT	2
3331 +	RT & LT	2
3335 +	RT & LT	2
3357 + 00	RT & LT	2
3370 + 00	RT & LT	2
3403 +	RT & LT	2
3429 + 40	RT & LT	2
3455 + 80	RT & LT	2
3482 + 20	RT & LT	2
3508 + 60	RT & LT	2
TOTAL		38

TABULATION OF DELINEATORS

STATION	SIDE	SPACING	TYPE	
			I EACH	III EACH
3330 + 14 to 3331 + 74	RT	BRIDGE	4	1
3335 + 38 to 3336 + 98	LT	BRIDGE	4	1
3475 + 66 2 to 3493 + 66 4	LT & RT	4° CURVE	15	
3485 + 99 8 to 3487 + 59 8	RT	BRIDGE	4	1
3488 + 95 to 3490 + 55	LT	BRIDGE	4	1
TOTALS			31	4

SUBBASE MATERIAL PLAN

MATERIAL TO BE PLACED	SOURCE	APPROX THICKNESS	TONS USED		TON MILE
			AGGREGATE BASE COURSE CLASS 3	AGGREGATE BASE COURSE	
3087 + 72 to 3095 + 00		4	502		1 214
3100 + 00 to 3128 + 00		4	1 932		3 842
3128 + 00 to 3181 + 00		8	7 632		9 323
3181 + 00 to 3192 + 00	PIT NO 1	4	759		467
3202 + 00 to 3211 + 00	R = 65	4	621		147
3211 + 00 to 3218 + 00		4	483		105
3326 + 00 to 3331 + 74		9	947		2 258
3335 + 38 to 3359 + 00		9	3 897		10 642
3365 + 00 to 3400 + 00		8	5 165		17 484
EST FOR IRREGULARITIES			2 181		4 513
TOTALS			24 119		49 995

* BASED ON DESIGN CURVE "C"

SNOW FENCE

STATION	TO STATION	SIDE	LIN FT
3108 +	3126 +	LT	1,800
3133 +	3149 +	LT	1,600
3154 +	3166 +	LT	1,200
3171 +	3174 +	LT	300
3196 +	3202 +	LT	600
3209 +	3216 +	LT	700
3231 +	3243 +	LT	1,200
3247 +	3261 +	LT	1,400
3292 +	3298 +	LT	600
3309 +	3320 +	LT	1,100
3336 +	3342 +	LT	600
3346 +	3351 +	LT	500
3359 +	3368 +	LT	900
3386 +	3392 +	LT	600
3401 +	3405 +	LT	400
3419 +	3425 +	LT	600
3457 +	3458 +	LT	100
3482 +	3487 +	LT	500
TOTAL			14 700

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE	BUILD B W FENCE	BUILD COMB FENCE	16 B W GATES	RESET GATE
		LIN FT	LIN FT	LIN FT	EACH	EACH
3088 + 32 to 3141 + 59	LT	5 475	5 450			
3167 + 14 to 3192 + 50	LT	2 585	2 535			
3230 + 53 to 3245 + 64	LT	1 515	1 515			
3245 + 50	LT				1	
[R-1] 3245 + 64 to 3272 + 85	LT	2 740	2 725			
[R-1] 3273 + 90 to 3331 + 74	LT	5 800	5 800			
3298 + 00	LT				1	
[R-1] 3350 + 68 to 3403 + 32	LT	5 300	5 270			
3350 + 76	LT				1	
3400 + 00	LT				1	
[R-1] 3141 + 59 to 3273 + 39	RT	2 775	13 180			
3245 + 70	RT					1
[R-1] 3273 + 39 to 3298 + 16	RT	4 640	2 480			
[R-1] 3298 + 16 to 3350 + 68	RT	5 350	5 400			
3298 + 25	RT					1
3350 + 60	RT				1	
[R-1] 3351 + 37 to 3403 + 39	RT	5 400	5 250			
3351 + 45	RT					1
3352 + 00	RT				1	
3400 + 00	RT				1	
3480 + 00	RT	20	20		1	
3409 + 45 to 3510 + 45	RT	200	150			
TOTALS		41 800	49 775			3

[R-1] EST 64 CORNER AND LINE BRACE POSTS EST 17 END POSTS

4 / 11