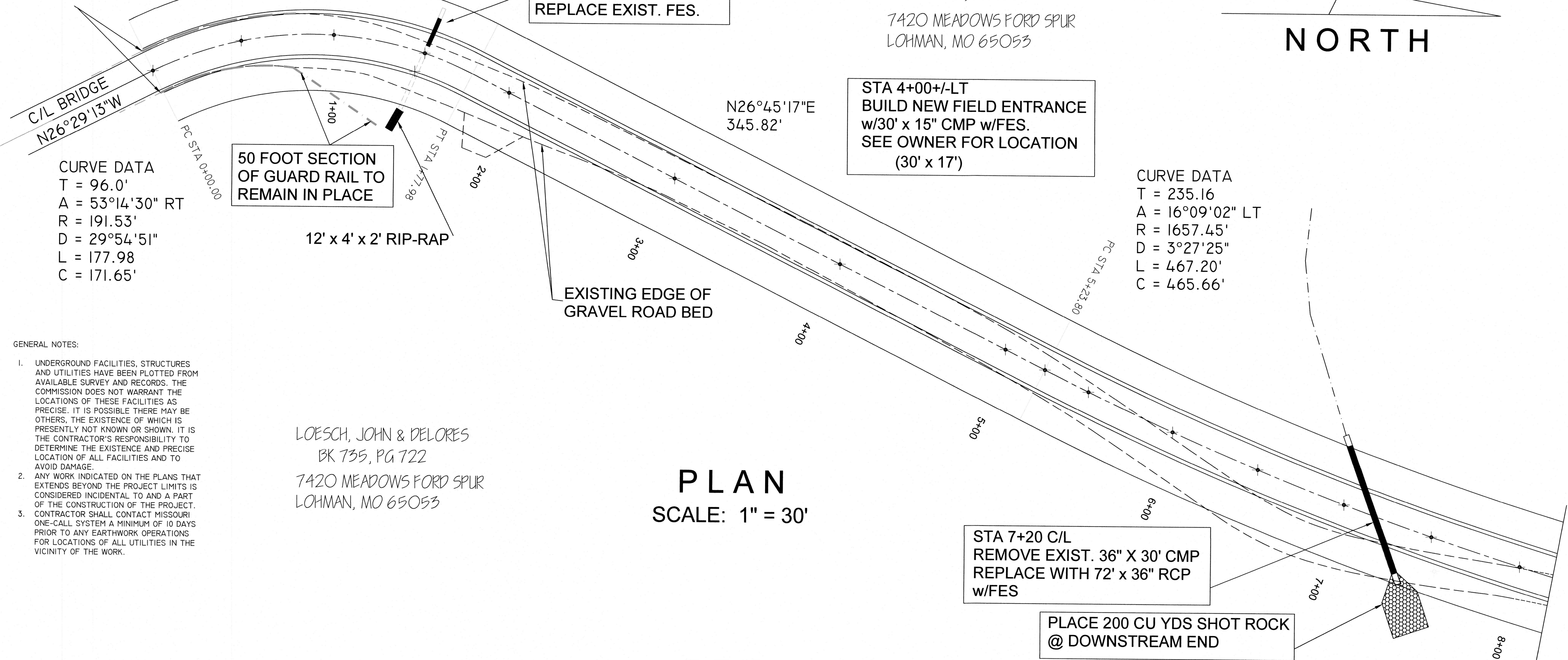


BEGINNING AT END OF CONC. BRIDGE APPROACH
REMOVE 80 FEET OF GUARD RAIL LEFT AND RIGHT SIDE.
REPLACE WITH NEW GUARD RAIL TO MATCH NEW
PAVEMENT AND SHOULDERS.

STA 1+50 C/L
EXISTING 24" RCP w/FES
REMOVE FES & EXTEND
w/16" x 24" RCP
REPLACE EXIST. FES.

LOESCH, JOHN & DELORES
BK 735, PG 722
7420 MEADOWS FORD SPUR
LOHMAN, MO 65053

NORTH



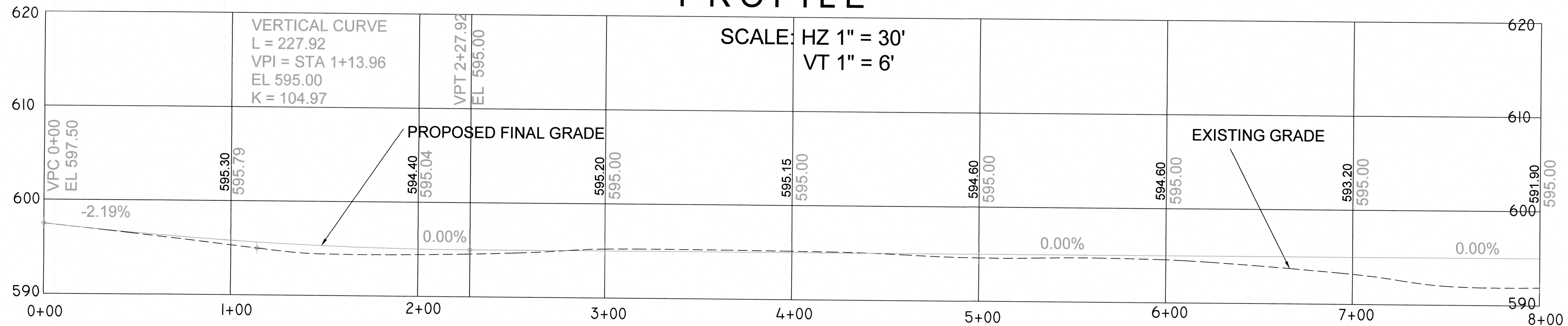
GENERAL NOTES:

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE COMMISSION DOES NOT WARRANT THE LOCATIONS OF THESE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID DAMAGE.
2. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THE PROJECT.
3. CONTRACTOR SHALL CONTACT MISSOURI ONE-CALL SYSTEM A MINIMUM OF 10 DAYS PRIOR TO ANY EARTHWORK OPERATIONS FOR LOCATIONS OF ALL UTILITIES IN THE VICINITY OF THE WORK.

LOESCH, JOHN & DELORES
BK 735, PG 722
7420 MEADOWS FORD SPUR
LOHMAN, MO 65053

PLAN
SCALE: 1" = 30'

PROFILE



NO.	REVISION	DATE
1	NOTES CORRECTED	9/14/22

COLE COUNTY, MISSOURI
DEPARTMENT OF PUBLIC WORKS
5055 MONTICELLO ROAD
JEFFERSON CITY, MO 65109
PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
LOESCH ROAD
GRAVEL ROAD UPGRADE



DATE: 8/11/2022
DWN BY: S.C.
SHT NO: 1
PLAN - PROFILE

LOESCH, JOHN & DELORES
BK 735, PG 722
7420 MEADOWS FORD SPUR
LOHMAN, MO 65053

NORTH

CURVE DATA
T = 235.16
A = 16°09'02" LT
R = 1657.45'
D = 3°27'25"
L = 467.20'
C = 465.66'

CURVE DATA
T = 75.0'
A = 12°50'32" LT
R = 666.42'
D = 8°35'51"
L = 149.37'
C = 149.06'

STA 15+00 C/L
PLACE 64' x 18" RCP
w/FES
12' x 4' x 2' RIP-RAP

CURVE DATA
T = 110.32'
A = 57°45'45" LT
R = 200.00'
D = 28°38'52"
L = 201.63'
C = 193.20'

STA 12+50+/-LT
BUILD NEW FIELD ENTRANCE
w/30' x 18" CMP w/FES SEE
OWNER FOR LOCATION
(30' x 17')

REMOVE
EXIST. 47' X 18"
CMP

STA 14+50 RT
EXIST. FIELD ENTRANCE
NO CMP (30'x 50')

LOESCH, JOHN & DELORES
BK 735, PG 722
7420 MEADOWS FORD SPUR
LOHMAN, MO 65053

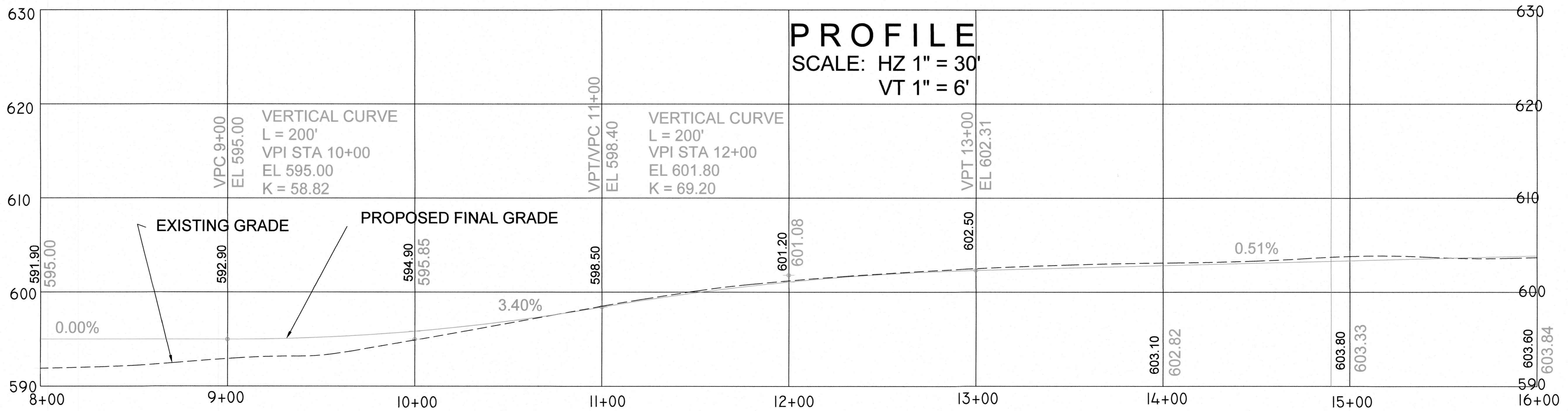
Existing Fence
Leave in Place

EDGE OF EXISTING
GRAVEL ROAD BED

Existing Fence
Leave in Place

PLAN

SCALE: 1" = 30'



NO.	REVISION	DATE
1	NOTES CORRECTED	9/14/22

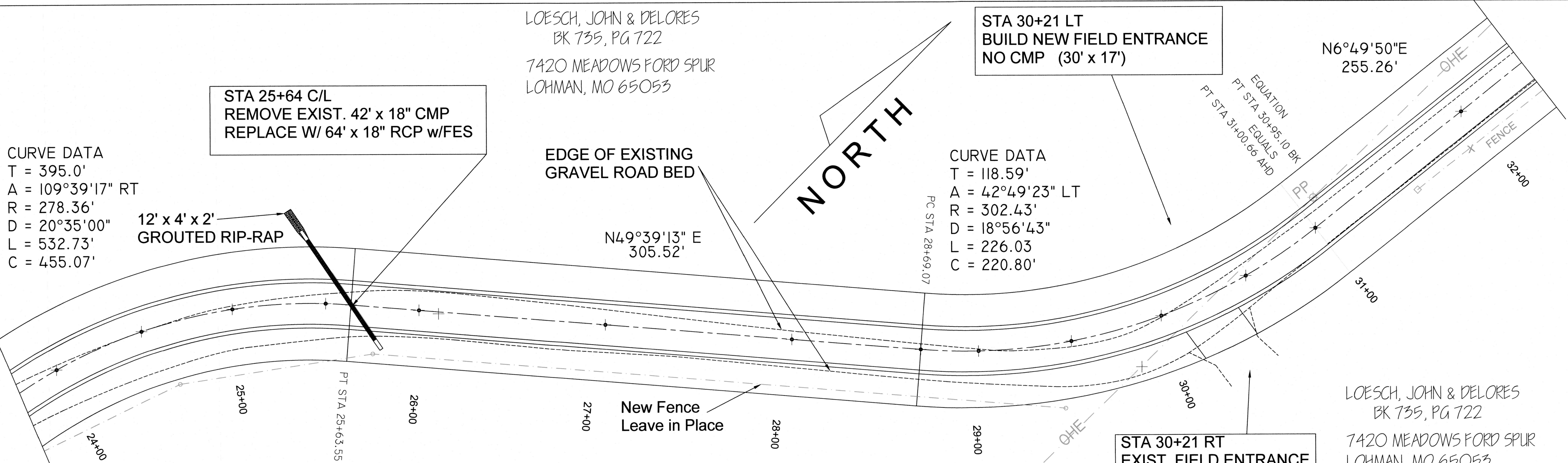
COLE COUNTY, MISSOURI
DEPARTMENT OF PUBLIC WORKS
5055 MONTICELLO ROAD
JEFFERSON CITY, MO 65109
PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
LOESCH ROAD
GRAVEL ROAD UPGRADE

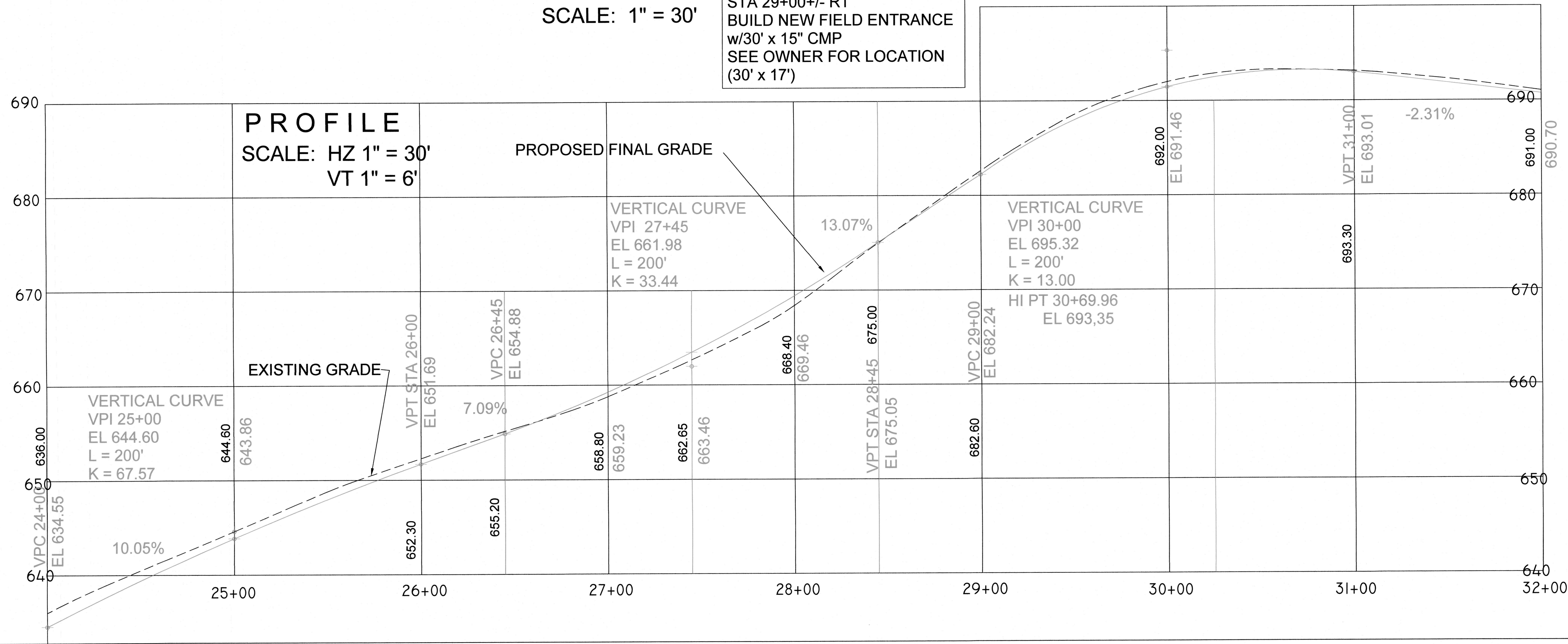


DATE: 8/11/2022
DWN BY: S.C.
SHT NO: 2
PLAN - PROFILE

CURVE DATA
 T = 395.0'
 A = 109°39'17" RT
 R = 278.36'
 D = 20°35'00"
 L = 532.73'
 C = 455.07'



PLAN
 SCALE: 1" = 30'

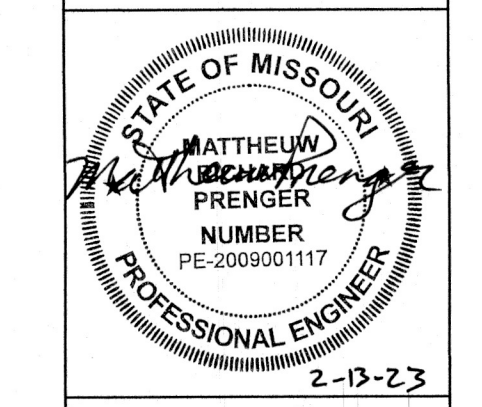


PROFILE
 SCALE: HZ 1" = 30'
 VT 1" = 6'

NO.	REVISION	DATE
1	ENTRANCES ADDED	9/14/22

COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS
 5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE



DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 4
 PLAN - PROFILE

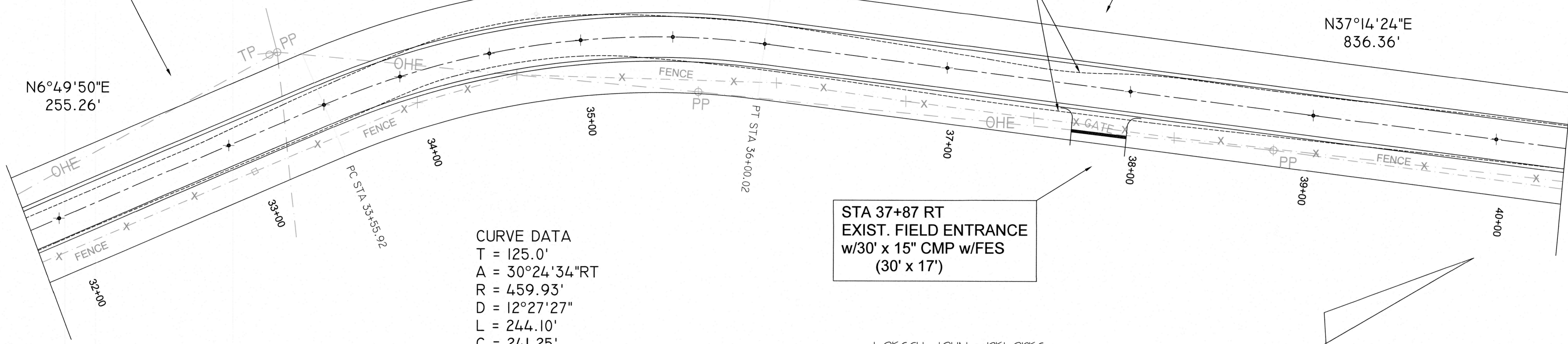
STA 33+00+/- LT
 BUILD NEW FIELD ENTRANCE
 SEE OWNER FOR LOCATION
 NO CMP (30' x 17')

LOESCH, JOHN & DELORES
 BK 735, PG 722
 7420 MEADOWS FORD SPUR
 LOHMAN, MO 65053

STA 37+87 LT
 BUILD NEW FIELD ENTRANCE
 NO CMP (30' x 17')

STA 37+87 RT
 EXIST. FIELD ENTRANCE
 w/30' x 15" CMP w/FES
 (30' x 17')

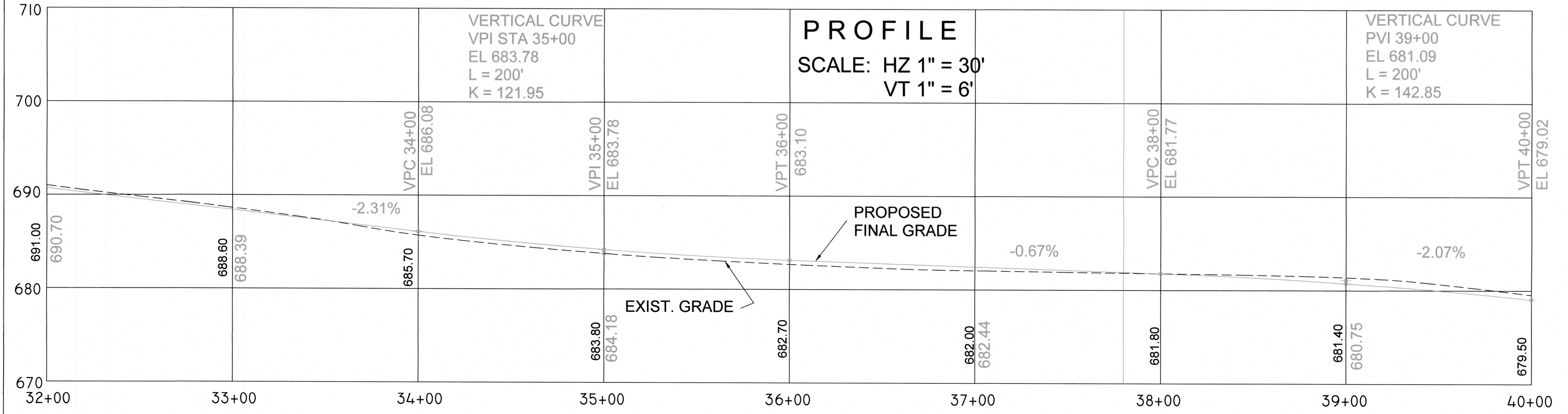
LOESCH, JOHN & DELORES
 BK 735, PG 722
 7420 MEADOWS FORD SPUR
 LOHMAN, MO 65053



CURVE DATA
 T = 125.0'
 A = 30°24'34"RT
 R = 459.93'
 D = 12°27'27"
 L = 244.10'
 C = 241.25'

PLAN
 SCALE: 1" = 30'

NORTH



PROFILE
 SCALE: HZ 1" = 30'
 VT 1" = 6'

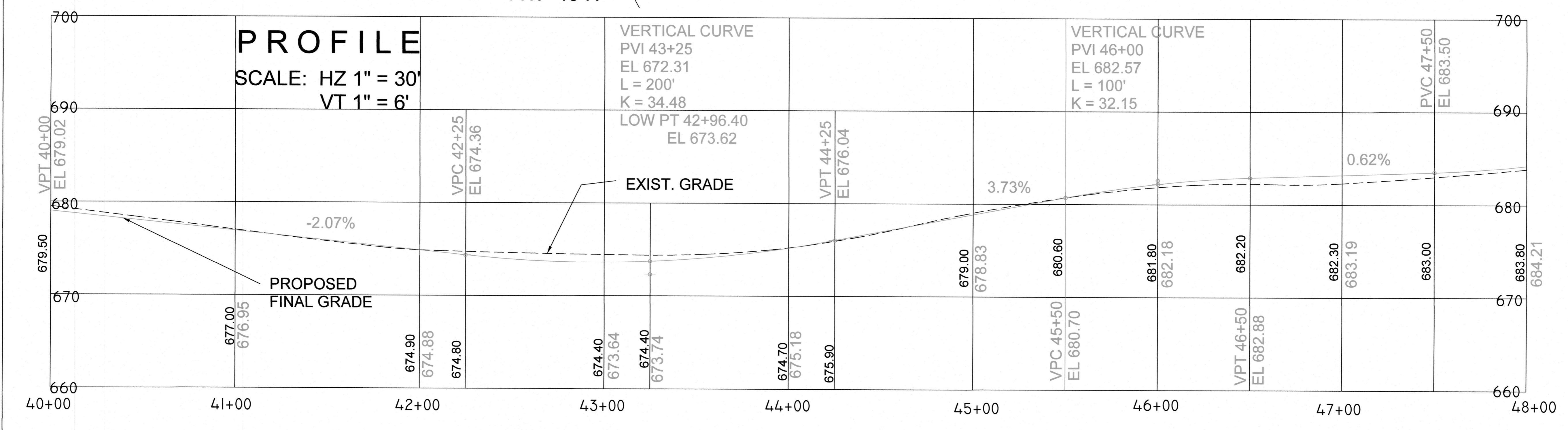
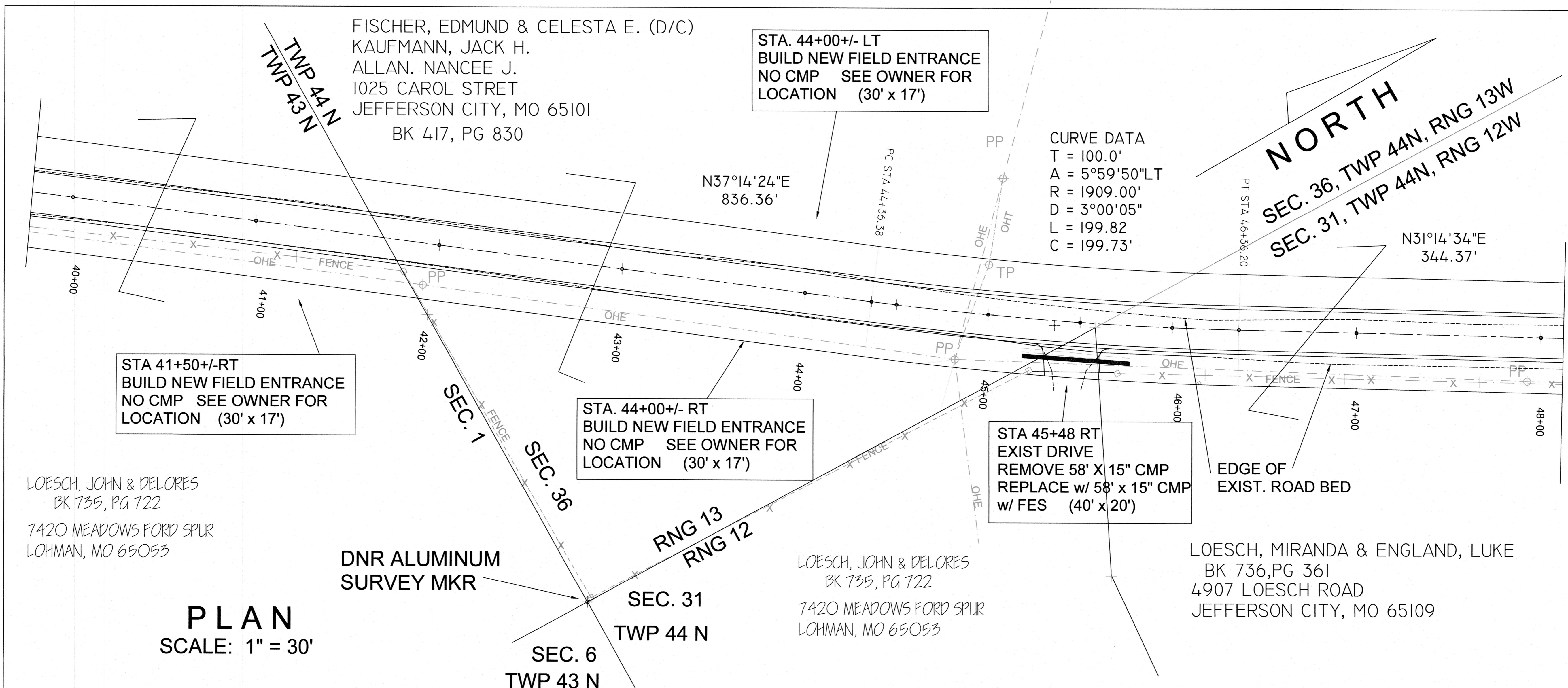
NO.	REVISION	DATE
1	ENTRANCES ADDED	9/14/22

COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS
 5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE



DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 5
 PLAN - PROFILE



NO.	REVISION	DATE
1	ENTRANCE ADDED	9/14/22

COLE COUNTY, MISSOURI
DEPARTMENT OF PUBLIC WORKS

5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8889

PROJECT:
LOESCH ROAD
GRAVEL ROAD UPGRADE

STATE OF MISSOURI
PROFESSIONAL ENGINEER
 MATTHEW PRENGER
 NUMBER PE-2008001117
 2-13-23

DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 6
 PLAN - PROFILE

LOESCH, MIRANDA & ENGLAND, LUKE
BK 736, PG 361
4907 LOESCH ROAD
JEFFERSON CITY, MO 65109

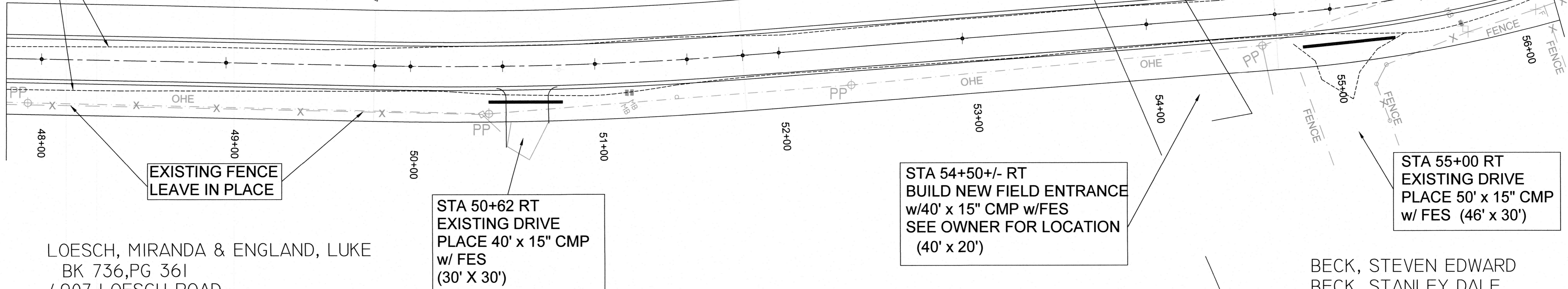
EDGE OF EXIST.
GRAVEL ROAD BED
N31°14'34"E
344.37'

STA 50+62 LT
BUILD NEW FIELD ENTRANCE
NO CMP (30' x 17')

CURVE DATA
T = 100.0'
A = 5°32'00" LT
R = 2069.32'
D = 2°46'08"
L = 199.84
C = 199.77'

NORTH
N25°42'33"E
289.48'

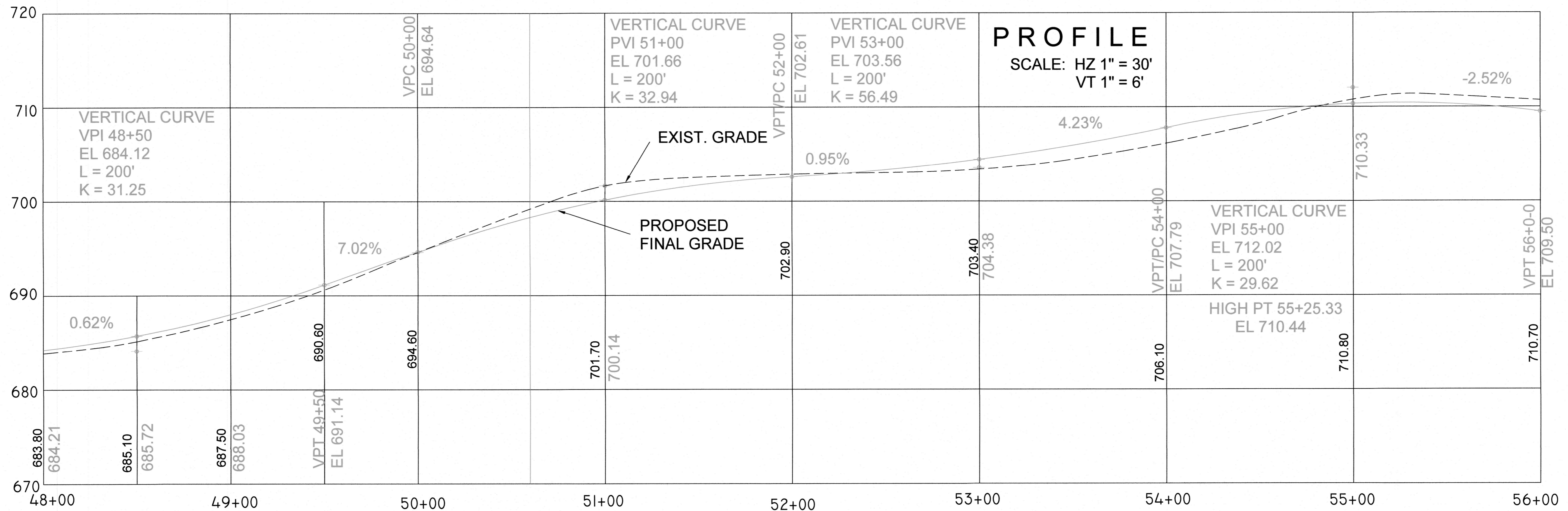
CURVE DATA
A = 14°49'11"
R = 768.92'
D = 7°27'05"
L = 198.88'
T = 100.00'
C = 198.33'



LOESCH, MIRANDA & ENGLAND, LUKE
BK 736, PG 361
4907 LOESCH ROAD
JEFFERSON CITY, MO 65109

BECK, STEVEN EDWARD
BECK, STANLEY DALE
TRUSTEES
100 E. 109TH ST
KANSAS CITY, MO 64114

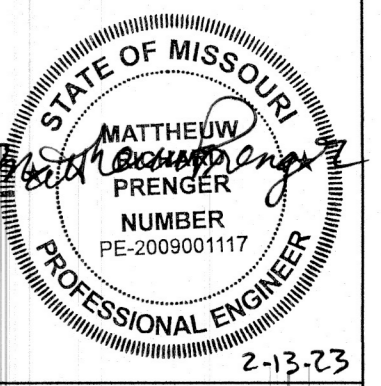
PLAN
SCALE: 1" = 30'



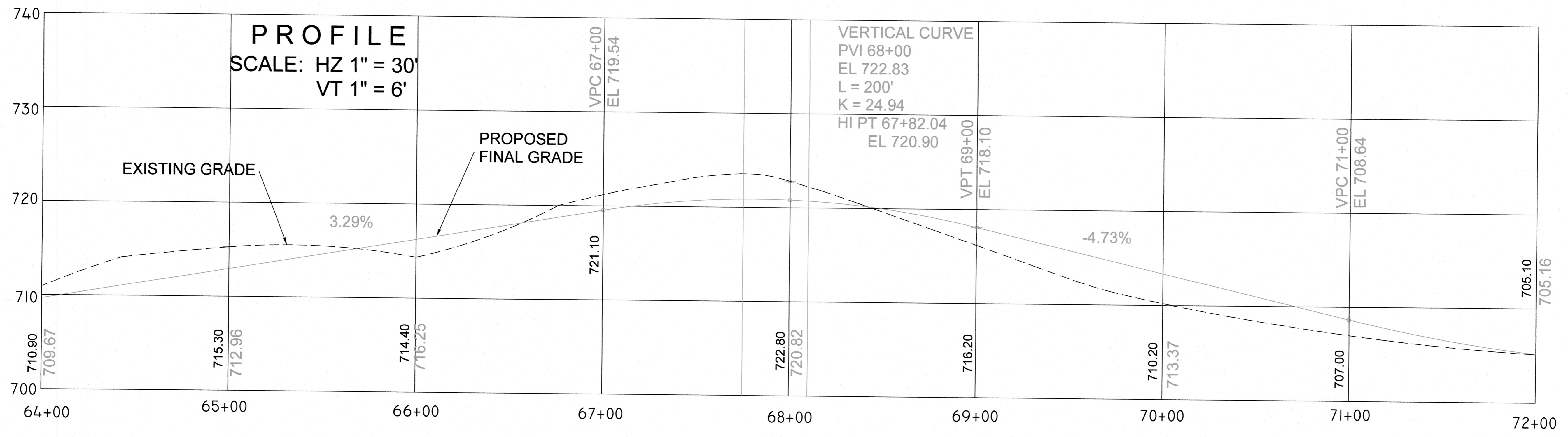
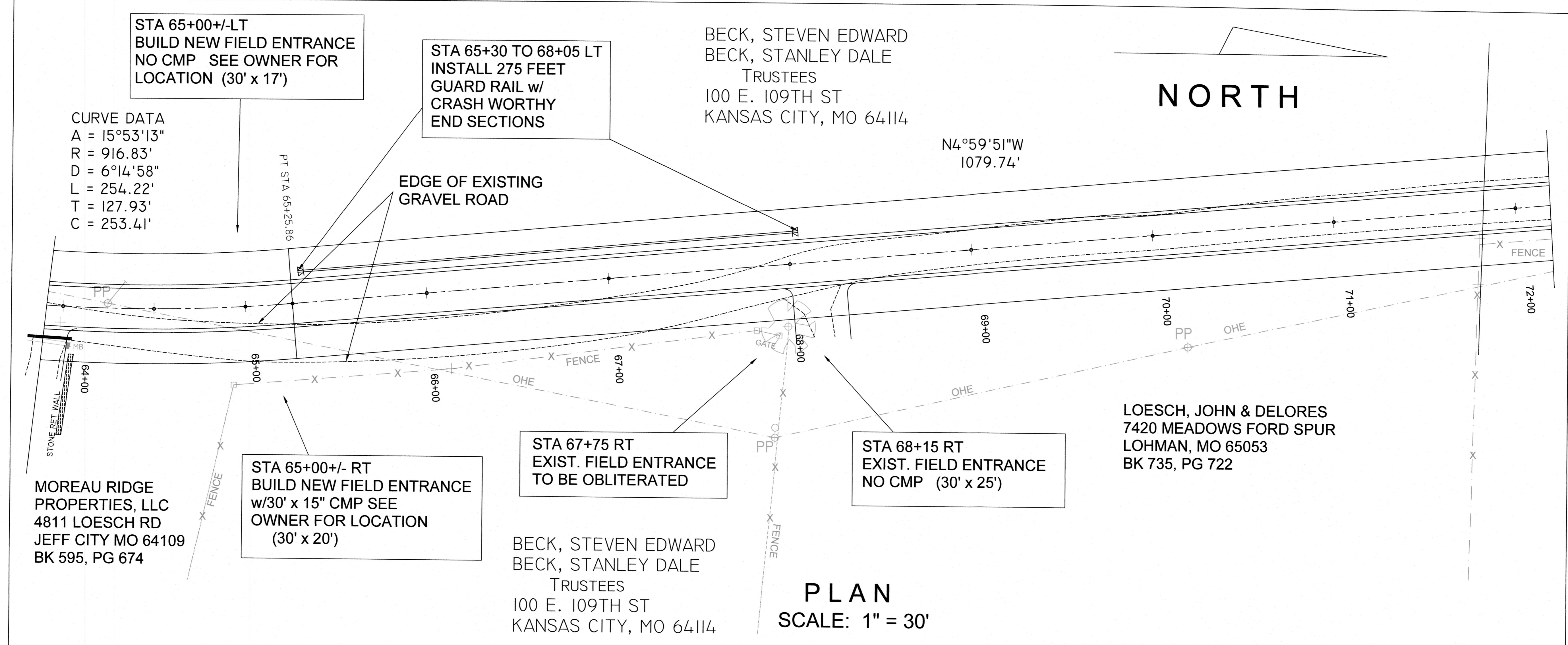
NO.	REVISION	DATE
1.	ENTRANCE ADDED	9/14/22

COLE COUNTY, MISSOURI
DEPARTMENT OF PUBLIC WORKS
5055 MONTICELLO ROAD
JEFFERSON CITY, MO 65109
PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
LOESCH ROAD
GRAVEL ROAD UPGRADE



DATE: 8/11/2022
DWN BY: S.C.
SHT NO: 7
PLAN - PROFILE



NO.	REVISION	DATE

**COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS**

**PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE**

**STATE OF MISSOURI
 MATTHEW PRENGER
 PROFESSIONAL ENGINEER
 NUMBER PE-248990117
 2-15-23**

DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 9
 PLAN - PROFILE

5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109

NORTH

INSTALL 575' GUARD RAIL
 w/CRASHWORTHY END
 SECTIONS
 STA 74+55 TO 80+30 LT SIDE

CURVE DATA
 A = 32°08'35"
 R = 347.10'
 D = 16°30'24"
 T = 100.00'
 L = 194.73'
 C = 192.18'

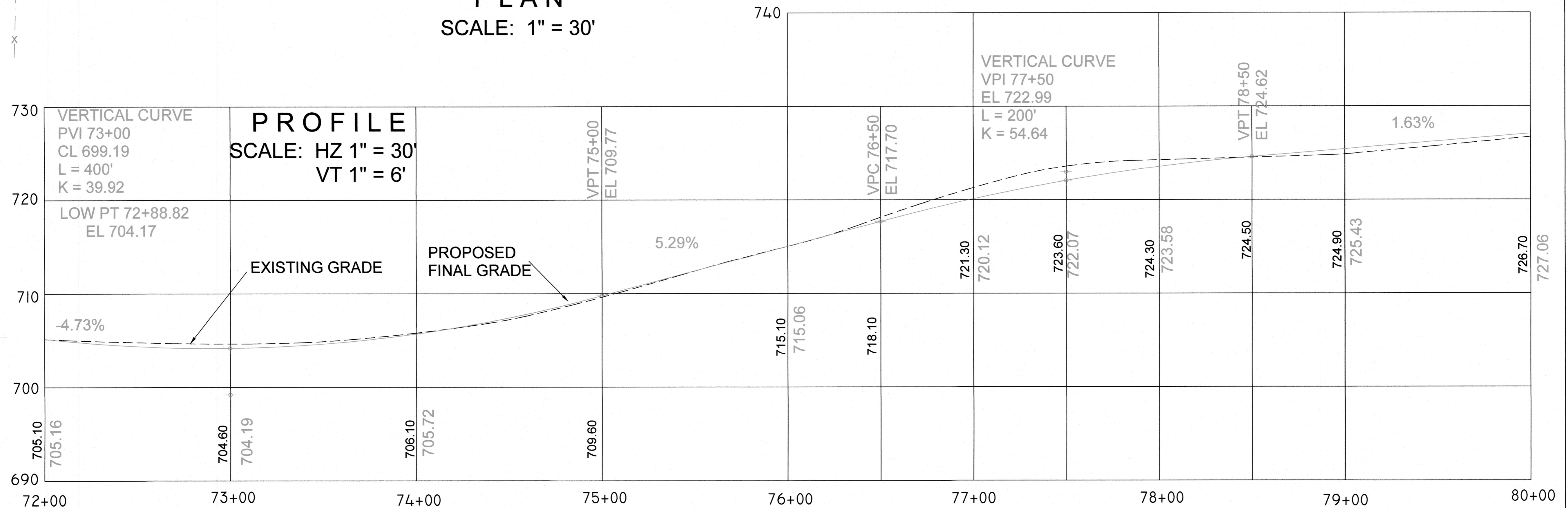
CURVE DATA
 A = 40°31'07" RT
 R = 323.51'
 D = 17°42'38"
 T = 119.41'
 L = 228.78'
 C = 224.04'

N4°59'51"W
 1079.74'

EDGE OF EXISTING
 ROAD BED

LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109

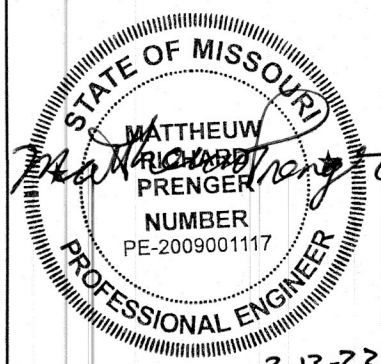
PLAN
 SCALE: 1" = 30'



NO.	REVISION	DATE
1	GUARD RAIL LENGTH	9/14/22

COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS
 5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE



DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 10
 PLAN - PROFILE

LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109

STA 81+20 LT
 BUILD NEW FIELD ENTRANCE
 PLACE 30' x 15" CMP
 w/FES (30' x 17')

STA 82+68 LT
 EXIST. FIELD ENTRANCE
 REMOVE 26' x 15" CMP
 REPLACE w/30' x 15" CMP
 w/FES (30' x 17')

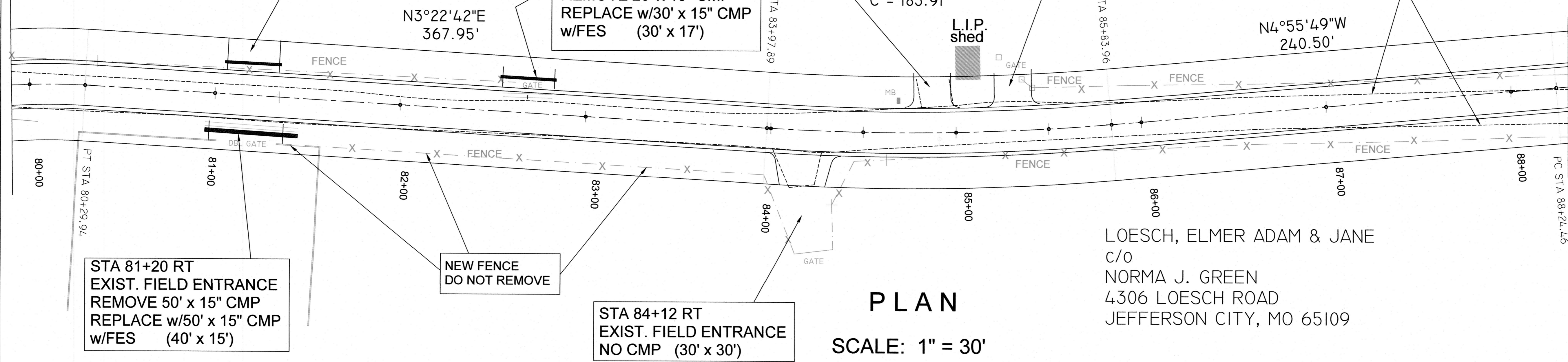
STA 84+87 LT
 EXIST. DRIVE
 NO CMP (25' x 25')

CURVE DATA
 A = 8°18'31"
 R = 1283.15
 D = 4°27'55"
 L = 186.07
 T = 93.20'
 C = 185.91

STA 85+20 LT
 EXIST. FIELD ENTRANCE
 PLACE 30' x 15" CMP
 w/FES (30' x 17')

NORTH

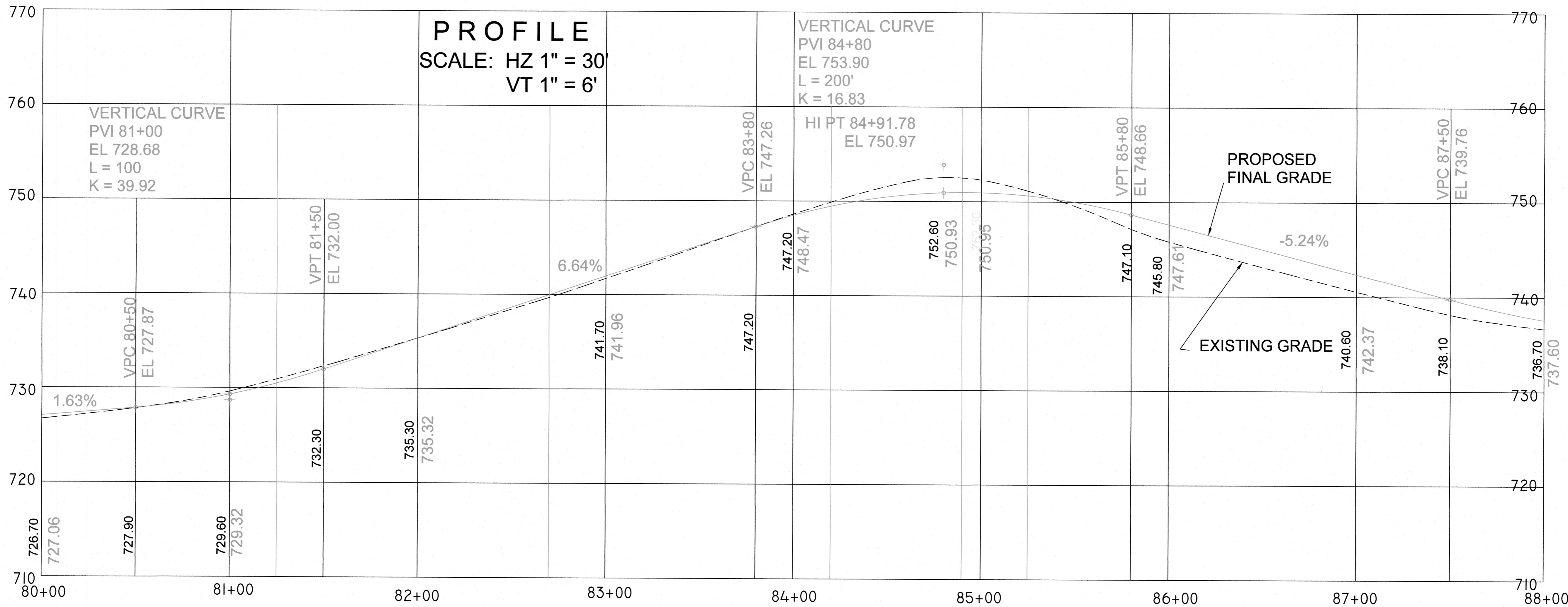
EDGE OF EXISTING
 ROAD BED



PLAN

SCALE: 1" = 30'

LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109



PROFILE

SCALE: HZ 1" = 30'
 VT 1" = 6'

VERTICAL CURVE

PVI 84+80
 EL 753.90
 L = 200'
 K = 16.83

HI PT 84+91.78
 EL 750.97

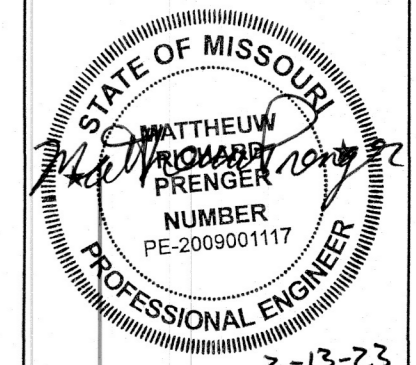
PROPOSED
 FINAL GRADE

EXISTING GRADE

NO.	REVISION	DATE
1	REV. ENTRANCES	9/14/22

COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS
 5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

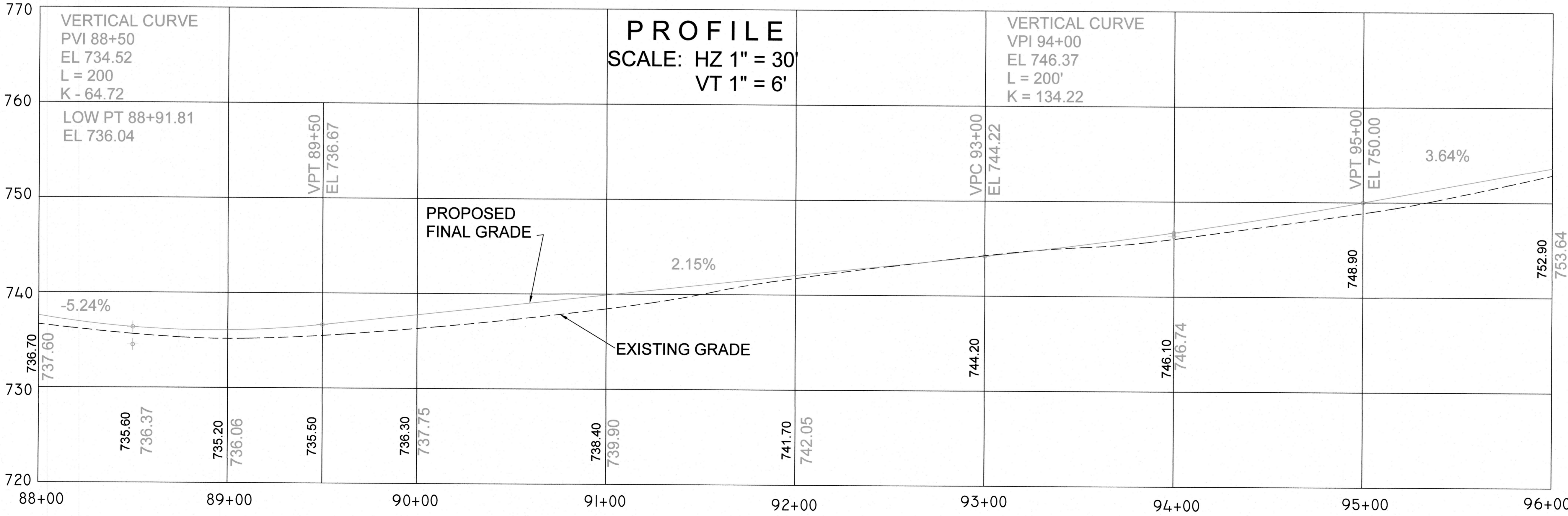
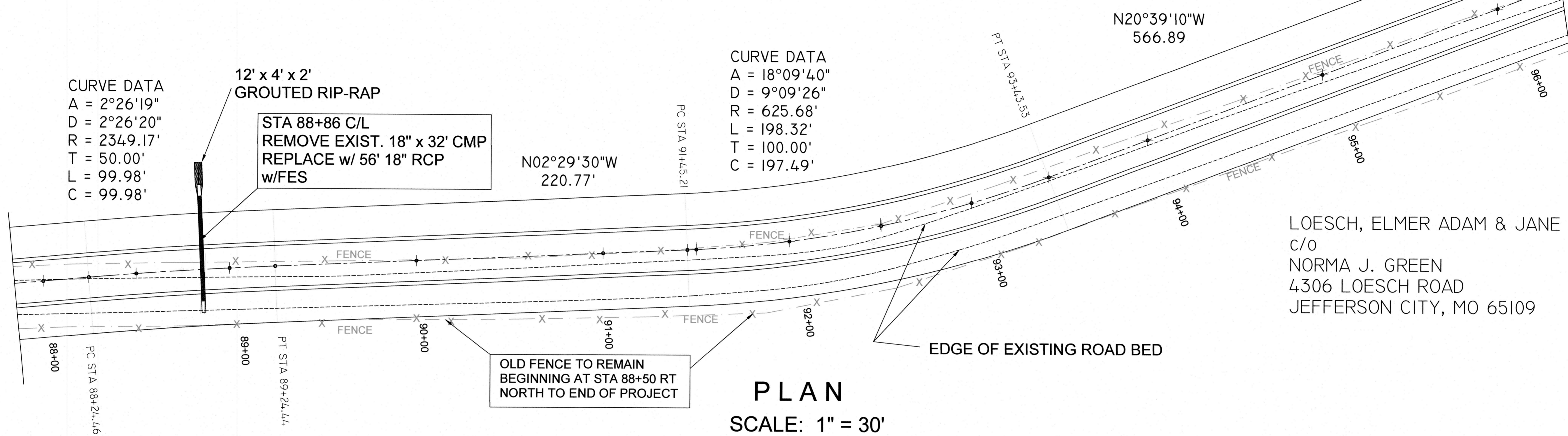
PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE



DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 11
 PLAN - PROFILE

LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109

NORTH

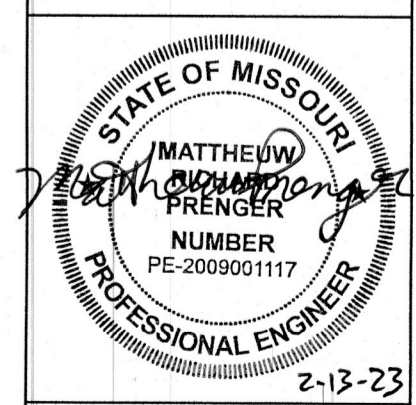


LOESCH, ELMER ADAM & JANE
 C/O
 NORMA J. GREEN
 4306 LOESCH ROAD
 JEFFERSON CITY, MO 65109

NO.	REVISION	DATE

COLE COUNTY, MISSOURI
 DEPARTMENT OF PUBLIC WORKS
 5055 MONTICELLO ROAD
 JEFFERSON CITY, MO 65109
 PHONE - 573-636-3614 FAX - 573-636-8389

PROJECT:
 LOESCH ROAD
 GRAVEL ROAD UPGRADE



DATE: 8/11/2022
 DWN BY: S.C.
 SHT NO: 12
 PLAN - PROFILE

PROJECT QUANTITIES

2" BASE ROCK				
STATION-STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	3,095.10	28	4	9,629.2
31+00.66 - 78+00.33	4,699.67	28	4	14,621.2
78+01.16 - 99+10.42	2,109.26	28	4	6,562.2
TOTAL:				30,812.6

AGGREGATE BASE - TYPE 5				
STATION-STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	3,095.10	28	4	9,629.2
31+00.66 - 78+00.33	4,699.67	28	4	14,621.2
78+01.16 - 99+10.42	2,109.26	28	4	6,562.2
TOTAL:				30,812.6

SHOULDER AGGREGATE BASE - TYPE 1				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	6,190.20	2	6	1,375.6
31+00.66 - 78+00.33	9,399.34	2	6	2,088.74
78+01.16 - 99+10.42	4,218.52	2	6	937.45
TOTAL:				4,401.8

BITUMINOUS BASE MIXTURE PG 64-22 (BASE)				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	3,095.10	22	4	7,565.8
31+00.66 - 78+00.33	4,699.67	22	4	11,488.1
78+01.16 - 99+10.42	2,109.26	22	4	5,156.0
TOTAL:				24,209.9

BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-1)				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	3,095.10	22	2	7,565.8
31+00.66 - 78+00.33	4,699.67	22	2	11,488.1
78+01.16 - 99+10.42	2,109.26	22	2	5,156.0
99+10.42 - 100+70.42	160.0	VARIABLES	2	690.0
TOTAL:				24,899.9

COLDMILL EXISTING ASPHALT PAVEMENT				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	TOTAL (SY)
APPROACH TO ZION RD	VARIABLES	VARIABLES	2	690.0
TOTAL:				690.0

MOBILIZATION 1 LUMP SUM

TRAFFIC CONTROL 1 LUMP SUM

CLEARING AND GRUBBING 1 LUMP SUM

LINEAR GRADING		
STA - STA	LENGTH (FT)	STATIONS
0+00 - 30+95.10	3,095.10	
31+00.66 - 78+00.33	4,699.67	
78+01.16 - 99+10.42	2,109.26	
TOTAL:		99.04

SUBGRADE SCARIFYING IN FILL		
STA - STA	LENGTH (FT)	STATIONS
0+19.10 - 2+81.70	262.6	2.63
4+43.63 - 10+73.44	629.8	6.30
15+53.93 - 23+25.61	771.7	7.72
26+62.34 - 28+50.00	187.7	1.88
33+52.66 - 38+00.00	447.3	4.47
41+26.00 - 42+00.00	74.0	0.74
44+05.86 - 44+63.77	57.9	0.58
45+50.00 - 50+00.00	450.0	4.50
52+28.64 - 54+83.00	254.4	2.54
59+57.97 - 63+64.26	406.3	4.06
68+41.68 - 72+02.59	360.9	3.61
74+18.28 - 75+53.72	135.4	1.35
78+43.51 - 80+55.63	212.1	2.12
82+00.00 - 83+76.00	176.0	1.76
85+38.64 - 92+51.00	712.4	7.12
93+28.87 - 96+96.35	367.5	3.68
TOTAL:		5506.0

SUBGRADE COMPACTING IN CUT		
STA - STA	LENGTH (FT)	STATIONS
2+81.70 - 4+43.63	161.9	1.62
10+73.44 - 15+53.93	480.5	4.80
23+25.61 - 26+62.34	336.7	3.37
28+50.00 - 33+52.66	502.7	5.03
38+00.00 - 41+26.00	326.0	3.26
42+00.00 - 44+05.86	205.9	2.06
44+63.77 - 45+50.00	86.2	0.86
50+00.00 - 52+28.64	228.6	2.29
54+83.00 - 59+57.97	475.0	4.75
63+64.26 - 68+41.68	477.4	4.77
72+02.59 - 74+18.28	215.7	2.16
75+53.72 - 78+43.51	289.8	2.90
80+55.63 - 82+00.00	144.4	1.44
83+76.00 - 85+38.64	162.6	1.63
92+51.00 - 93+28.87	77.9	0.78
96+96.35 - 98+00.00	103.7	1.04
TOTAL:		4274.9

DRIVEWAY AGGREGATE - TYPE 1					
STATION	LOCATION	WIDTH (FT)	LENGTH (FT)	THICKNESS (IN)	TOTAL (SY)
* 4+00	LT	30	15	4	50.0
* 12+50	LT	30	17	4	56.7
14+50	RT	30	50	4	166.7
21+40	LT	30	30	4	100.0
* 29+00	RT	30	17	4	56.7
* 30+21	LT	30	17	4	56.7
30+21	RT	30	30	4	100.0
* 33+00	LT	30	17	4	56.7
* 37+87	LT	30	17	4	56.7
37+87	RT	30	17	4	56.7
* 41+50	RT	30	17	4	56.7
* 44+00	RT	30	17	4	56.7
* 44+00	LT	30	17	4	56.7
45+48	RT	40	20	4	88.9
* 50+62	LT	30	17	4	56.7
50+62	RT	40	20	4	88.9
* 54+50	RT	40	20	4	88.9
55+00	RT	46	30	4	153.3
63+94	RT	30	17	4	56.7
* 64+00	LT	30	17	4	56.7
* 65+00	LT	30	17	4	56.7
* 65+00	RT	30	17	4	56.7
68+15	RT	30	25	4	83.3
* 81+20	LT	30	17	4	56.7
81+20	RT	40	15	4	66.7
82+68	LT	30	17	4	56.7
84+12	RT	30	30	4	100.0
84+87	LT	25	25	4	69.4
85+20	LT	30	17	4	56.7
97+00	LT	30	17	4	56.7
TOTAL:					2,176.7

* NOTES NEW ENTRANCE - SEE OWNER FOR LOCATION

REMOVAL OF IMPROVEMENTS		
STATION	LOCATION	REMARKS
0+00 TO 0+80	LT & RT	GUARD RAIL
7+20	C/L	30' x 36" CMP
15+00	C/L	47' x 18" CMP
21+13	C/L	44' x 18" CMP
25+64	C/L	42' x 18" CMP
45+48	RT	58' x 15" CMP
63+94	RT	24' x 15" CMP
81+20	RT	50' x 15" CMP
82+68	LT	26' x 15" CMP
88+90	C/L	32' x 18" CMP
1 LUMP SUM		



COLE COUNTY
DEPARTMENT OF PUBLIC WORKS

5055 MONTICELLO ROAD
JEFFERSON CITY, MO 65109
Phone 573/636-3614 - Fax 573/636-8389

PROJECT: LOESCH ROAD GRAVEL ROAD UPGRADE PROJECT

DATE:	8/16/2022
DWN BY:	S.C.
REVISED:	
REVISED:	

PROJECT QUANTITIES

ADDITIONAL CLEARING ADJACENT TO R/W FOR RELOCATION OF OVER HEAD ELECTRIC LINES		
STATION -LT/RT	LENGTH x WIDTH	AREA
30+00 - 46+00 RT SIDE	1600' X 30'	1.10 ACRE
51+00 - 54+00 RT SIDE	300' x 30'	.20 ACRE
54+00 - 65+00 LT SIDE	1100' x 30'	.76 ACRE
72+00 - 77+00 RT SIDE	500' x 30'	.34 ACRE
77+00 - 78+00 LT SIDE	100' x 30'	.07 ACRE
TOTAL:		2.47 ACRES

SUBGRADE STABILIZATION (AS DIRECTED BY THE ENGINEER)				
STA - STA	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	CUBIC YARDS
1+50-21+00	1,950	31	18	2,239.0
TOTAL:				2,239.0

GEOTEXTILE FABRIC (AS DIRECTED BY THE ENGINEER)			
LENGTH	WIDTH	SQ. YDS.	
1+50-21+00	1,950	34	7,367.0
TOTAL:			7,367.0

REINFORCED CONCRETE PIPE						
STATION	18" DIA LIN. FT.	24" DIA LIN. FT.	36" DIA LIN. FT.	18" DIA F.E.S.	24" DIA F.E.S.	36" DIA F.E.S.
1+50		16			NONE	
7+20			72			2
15+00	64			2		
21+05	56			2		
25+64	64			2		
88+86	56			2		
TOTAL:	240	16	72	8		2

CORRUGATED METAL DRIVEWAY CULVERTS				
STATION	15" DIA. LIN. FT.	15" F.E.S.	18" DIA. LIN. FT.	18" F.E.S.
* 4+00+ LT	30	2		
* 12+50 LT			30	2
* 29+00 RT	30	2		
37+87 RT	30	2		
45+48 RT	58	2		
50+62 RT	40	2		
* 54+50 RT	40	2		
55+00 RT	50	2		
63+94 RT	30	2		
* 65+00 RT	30	2		
* 81+20 LT	30	2		
81+20 RT	50	2		
82+68 LT	30	2		
85+20 LT	30	2		
TOTAL:	478	26	30	2

* NOTES NEW ENTRANCE - SEE OWNER FOR LOCATION

TEMPORARY EROSION CONTROL					REMARKS
STATION	LOCATION	SILT FENCE (LIN FT)	STRAW BALE DITCH CHECKS (EACH)	ROCK DITCH CHECKS (EACH)	
VARIOUS	VARIOUS	5000	50	50	AS MARKED BY THE ENGINEER
TOTAL:		5000	50	50	

FOUR (4) INCH PAVEMENT MARKING PAINT			
STA - STA	WHITE (LINEAR FT x 2)	YELLOW (LINEAR FT x 2)	REMARKS
0+00 - 30+95 10	6,190.20	6,190.20	DOUBLE YELLOW CENTERLINE
31+00.66 - 78+00.33	9,399.34	9,399.34	
78+01.16 - 99+10.42	4,218.52	4,218.52	
99+10.42 - 100+70	320.0	320.0	INTERSECTION /ZION ROAD
TOTAL:		20,128.06	20,128.06

DITCH STABILIZATION STRUCTURES			
LENGTH (FT)	WIDTH (FT)	TOTAL EACH	LOCATION
4	6	100	AS DIRECTED BY THE ENGINEER
TOTAL:		100	

SEEDING, FERTILIZING, LIMING AND MULCH				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	SEEDING, FERTILIZING, LIMING, MULCHING ACRES	REMARKS
0+00 - 99+10	9,910	34	7.75	WITHIN ROAD RIGHT OF WAY
VARIOUS			2.47	SEE TABLE ON EXTRA CLEARING
TOTAL:			10.2	

GUARDRAIL				
STA - STA	LT/RT	TOTAL LENGTH (FT)	TYPE A GUARDRAIL (6' POSTS) (LIN FT)	CRASHWORTHY END TERMINAL (25' LENGTH) (EACH)
0+00 - 0+80	LT	80	55	1
0+00 - 0+80	RT	80	55	1
65+30-68+05	LT	275	225	2
74+55-80+30	LT	575	525	2
TOTAL:		1,010	860	6

ROCK LINING (NON GROUTED RIP-RAP)					
STATION	LT/RT	LENGTH FT	WIDTH FT	THICK FT	SQ. YDS.
1+ 50	RT	12'	4'	2'	5.33
15+00	LT	12'	4'	2'	5.33
21+05	LT	12'	4'	2'	5.33
TOTAL:					16.0

ROCK LINING (GROUTED RIP-RAP)					
STATION	LT/RT	LENGTH FT	WIDTH FT	THICK FT	SQ. YDS.
25+ 64	LT	12'	4'	2'	5.33
88+86	LT	12'	4'	2'	5.33
TOTAL:					10.7



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