PAVING PLANS FOR

SHANNON WOODS AT TALLGRASS

SHANNON WOODS	:	FROM THE CENTERLINE OF SHANNON WOODS COURT TO THE NORTH LINE OF LOT 1, BLOCK 1, LAKEPOINT FROM THE CENTERLINE OF SHANNON WOODS CIRCLE TO THE EAST LINE OF LOT 6, BLOCK 1 AND PLUMTHICKET FROM THE NORTH LINE OF LOT 6, BLOCK 1 TO THE NORTH LINE OF LOT 1, BLOCK 1.
SHANNON WOODS CIRCLE	:	FROM THE WEST LINE OF SHANNON WOODS TO AND INCLUDING THE CUL-DE-SAC.
SHANNON WOODS	:	FROM THE WEST LINE OF WEBB ROAD TO THE EAST LINE OF PLUMTHICKET.

PROJECT NO.

472-76-245-81594-000-000-001

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

JULY 1989

INDEX NO. 760116

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
2. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).
3. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
5. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 1-800-344-7233

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

ARKLA GAS COMPANY	942-8350 or 263-8161
BELL TELEPHONE	1-316-571-2611
CABLEVISION	262-4270 or 262-2061
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4071
WILLIAMS NATURAL GAS CO.	529-0491 or 524-3501

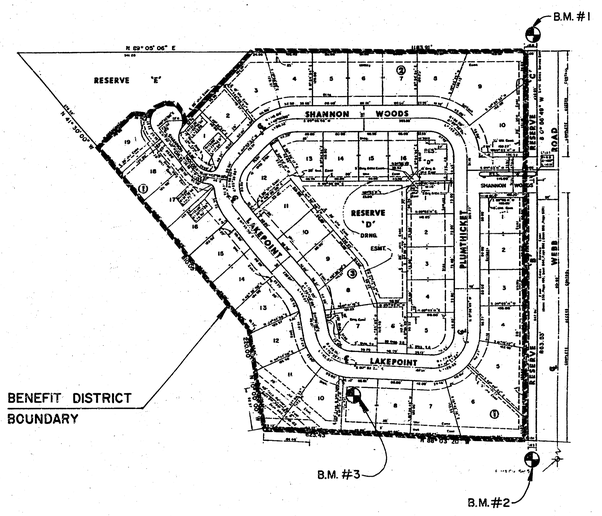
6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.
7. THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DEPRESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF, ARE TO BE CONSTRUCTED WITH THIS PROJECT.
8. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
9. SEVERAL TREES HAVE BEEN REMOVED. CONTRACTOR SHOULD VERIFY REMAINING TREES BEFORE PREPARING HIS BID.

BENCH MARKS

B.M. #1: Top of "U" Post 4.5' W & 2' N of the NE cor. of Res. "C" Shannon Woods at Tallgrass
ELEV. = 222.20'

B.M. #2: RR spike in W. face Hedge tree 185'± N of CL Entrance to Woodsprings and 30' W CL Webb
ELEV. = 225.20'

B.M. #3: T-post 3' S of P.C. on Lot 9, Blk. 1, Shannon Woods at Tallgrass
ELEV. = 216.41'

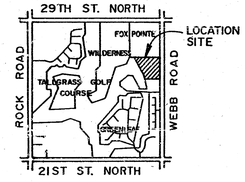


N

SCALE : 1" = 150'

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-4	PAVING DETAILS
5	SHANNON WOODS
6	SHANNON WOODS/PLUMTHICKET
7	LAKEPOINT
8	LAKFPOINT
9	SHANNON WOODS (ENTRANCE)
10	SHANNON WOODS CIRCLE
11-22	CROSS SECTIONS
23	FINAL PLAT



LOCATION MAP

GREGORY J. ALLISON LICENSED 11158 KANSAS PROFESSIONAL ENGINEER

SHANNON WOODS AT TALLGRASS	Design GJA; Drawn by KSM; Checked by DSS; Date AUG. 1989; Job no.
PAVING PLANS	Sheet 1 of 23

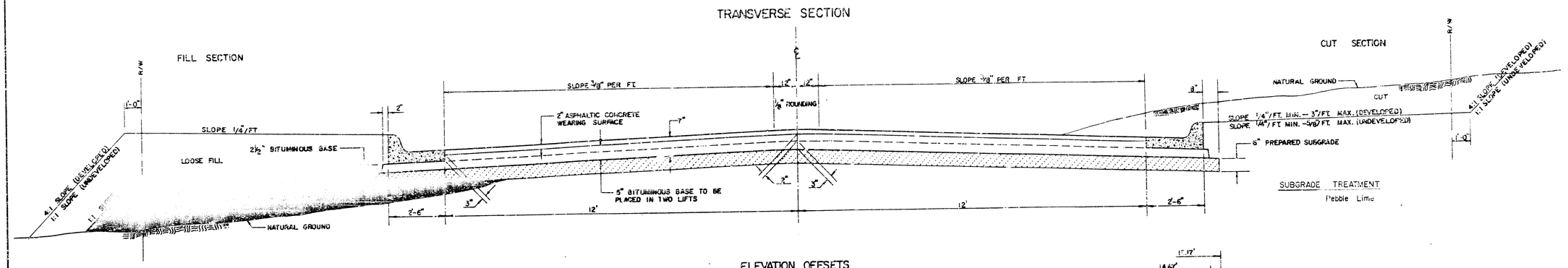
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226 636-5566

89-27-113-E

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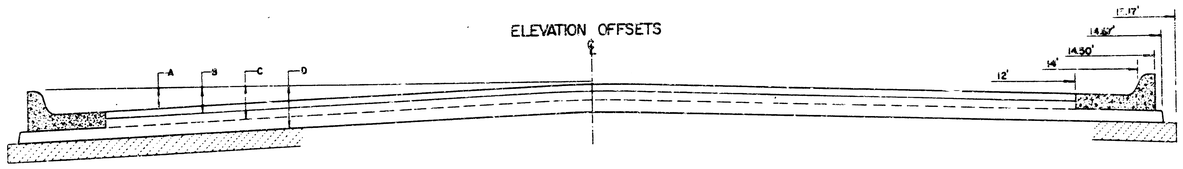
TYPICAL 29' PAVEMENT DETAILS

TRANSVERSE SECTION



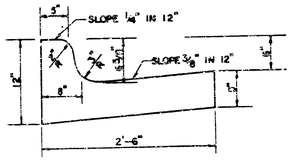
SUBGRADE TREATMENT
Pebble Lime

ELEVATION OFFSETS

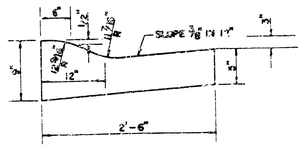


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

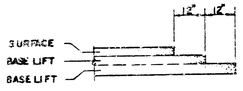
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE SID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

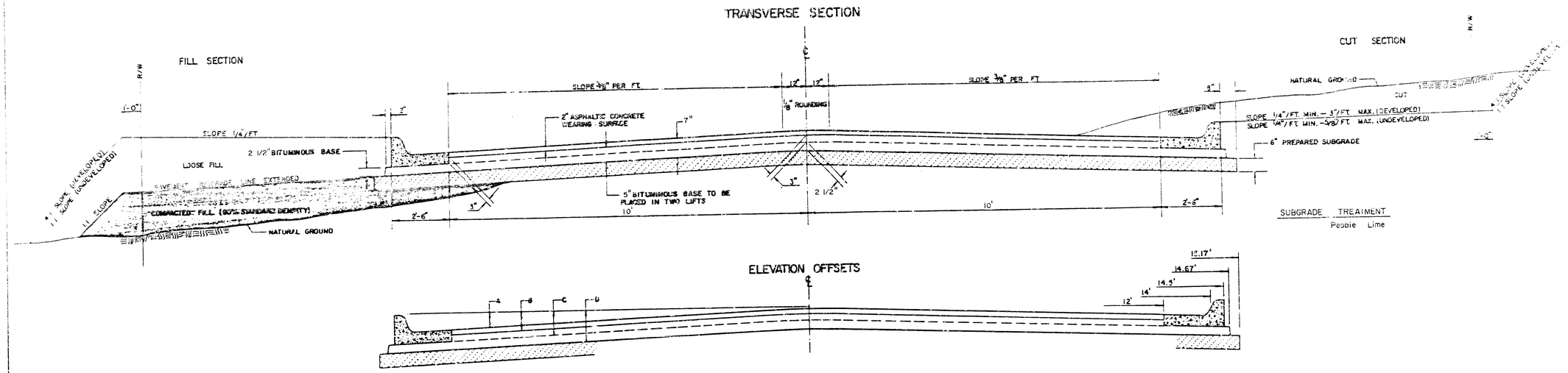
2/23

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-81594-000-000-001

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TYPICAL 25' PAVEMENT DETAILS

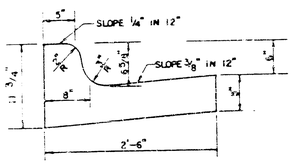
TRANSVERSE SECTION



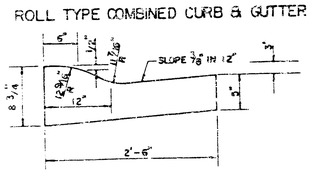
ELEVATION OFFSETS

	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	12.50'	12.67'	13.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.20	.24	.30	.37	.40	.43	.49	—	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.37	.41	.47	.54	.57	.60	.66	—	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.62	.66	.72	.79	.82	.85	.91	.97	.99	1.00	—	—
D: TOP OF CURBS TO TOP OF SUBGRADE	.83	.87	.93	1.00	1.03	1.06	1.12	1.18	1.20	1.21	1.22	—

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE 5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

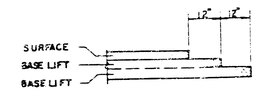
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4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS

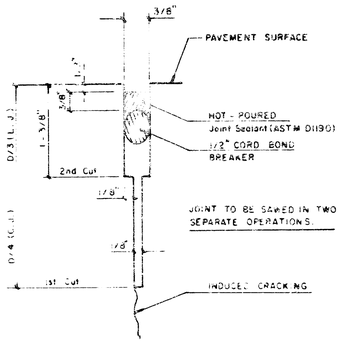


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE 5" BITUMINOUS BASE).

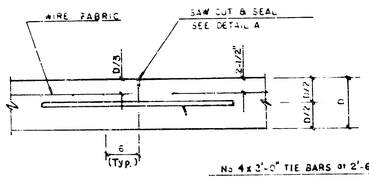
3/23

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-81594-000-000-001

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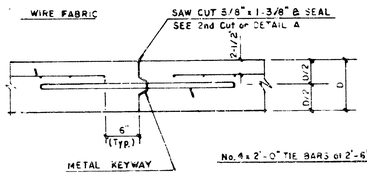


DETAIL A

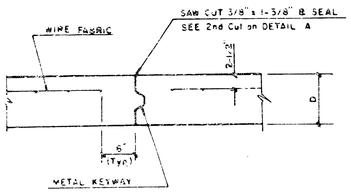


No 4 x 2'-0" TIE BARS at 2'-6" CTRS.

LONGITUDINAL JOINT DETAIL (L.J.)

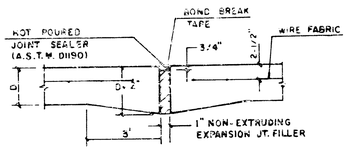


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
(Alternate L.J.)



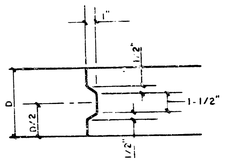
OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
(Alternate C.J.)

NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER

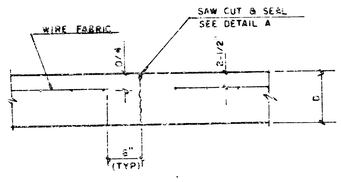


EXPANSION JOINT

NOTE: EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF SQ YDS PAVEMENT.

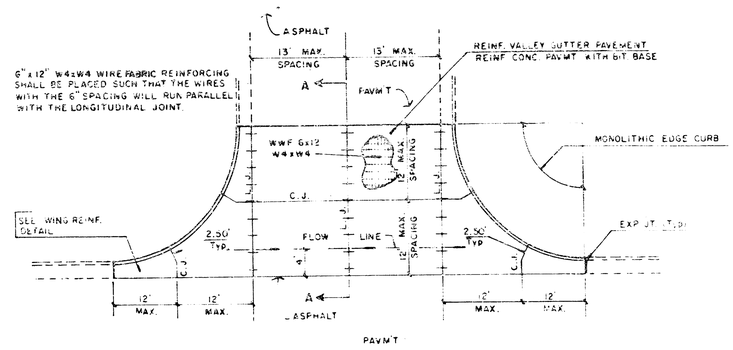


KEYWAY DETAIL

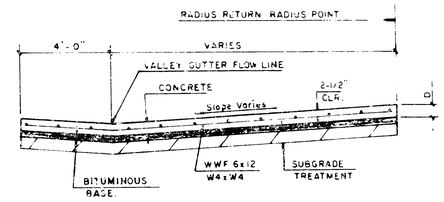


CONTRACTION JOINT DETAIL (C.J.)

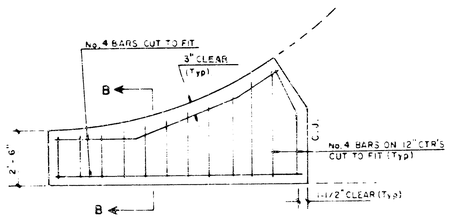
L E G E N D
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT



PLAN
REINFORCED VALLEY GUTTER

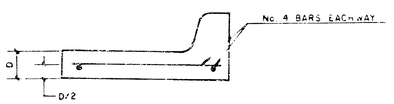


SECTION A-A



NOTE: OMIT WIRE FABRIC REINFORCING IN THIS SECTION.

WING REINFORCING DETAIL

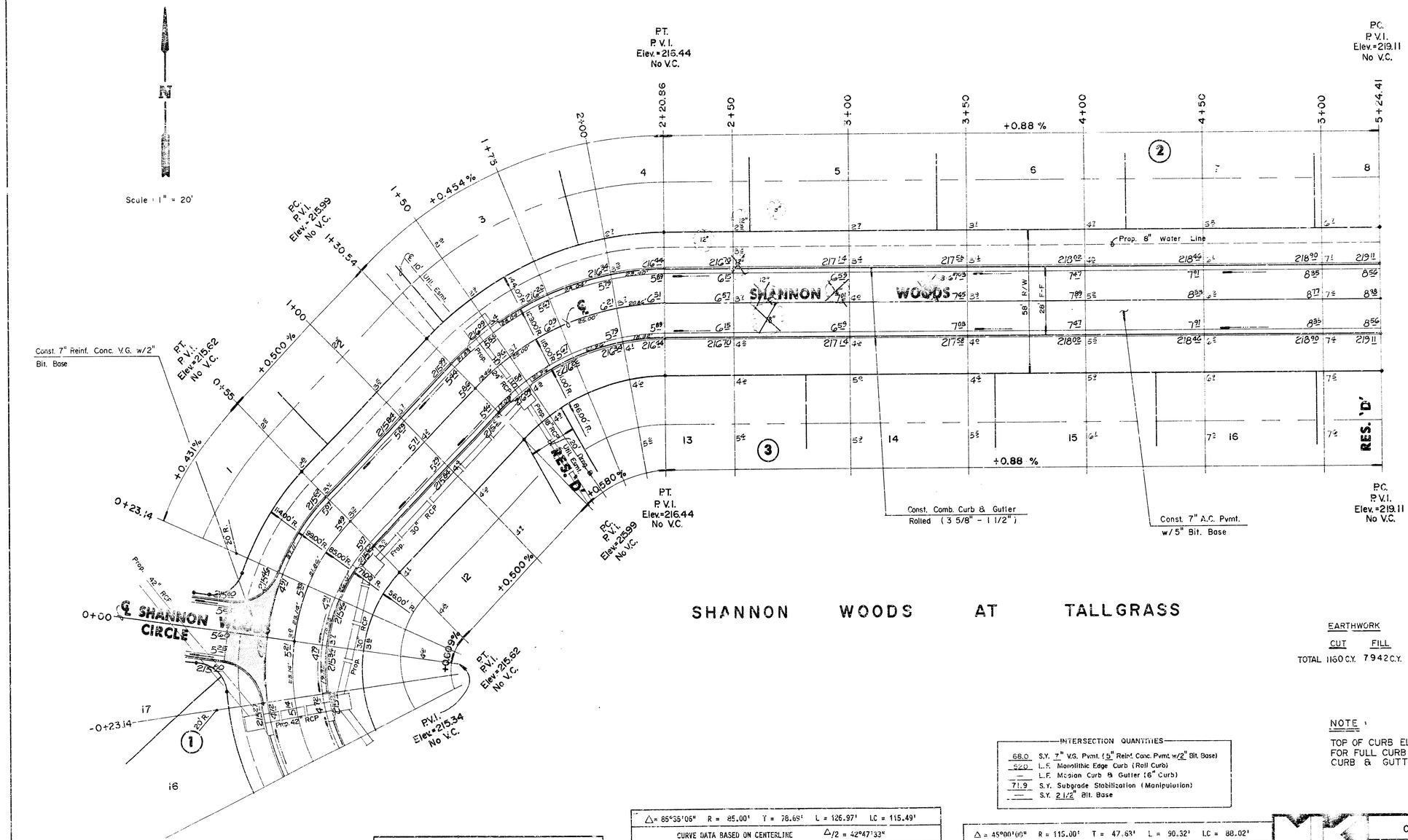


SECTION B-B

PROJECT DESCRIPTION
VALLEY GUTTER DETAILS
PROJECT NUMBER
472 - 76 - 245 - 81594 - 000-000-001
4/23

89-27-113 E

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SHANNON WOODS/PLUMTHICKET			
WATER VALVE BOXES			
Station	Dist. From	Ex.El.(Plan)	P. y. El.
0+23.47	21.75' Lt.		215.71
6+57.88	21.75' Lt.		219.92
9+86.25	23' Lt.		220.25
9+80.24	23' Lt.		220.25

△= 85°55'05" R = 85.00' T = 78.69' L = 126.97' LC = 115.49'					
CURVE DATA BASED ON CENTERLINE △/2 = 42°47'33"					
STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
-0+71.97	-	-	-	00°00'00"	00°00'00"
-0+50.00	21.97'	27.58'	16.24'	07°24'17"	07°24'17"
-0+23.41	20.59'	25.85'	15.22'	06°56'22"	14°20'39"
-0+16.76	6.27'	7.89'	4.65'	02°08'48"	16°27'27"
0+00.00	23.14'	29.04'	17.10'	07°47'56"	24°15'23"
0+23.14	23.14'	29.04'	17.10'	07°47'56"	32°03'19"
0+55.00	31.86'	39.87'	23.47'	10°44'14"	42°47'33"
				Def/Ft =20.22204 Min.	

△ = 45°00'00" R = 115.00' T = 47.63' L = 90.32' LC = 88.02'					
CURVE DATA BASED ON CENTERLINE △/2 = 22°30'00"					
STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
1+30.54	-	-	-	00°00'00"	00°00'00"
1+50.00	19.46'	23.16'	15.72'	04°50'52"	04°50'52"
1+75.00	25.00'	29.72'	20.18'	06°13'40"	11°04'32"
2+00.00	25.00'	29.72'	20.18'	06°13'40"	17°18'12"
2+20.86	20.86'	24.82'	16.85'	05°11'38"	22°30'00"
				Def/Ft =14.94672 Min.	

INTERSECTION QUANTITIES

68.0	S.Y. 7" V.G. Pvmt. (5" Reinf. Conc. Pvmt. w/2" Bit. Base)
52.0	L.F. Monolithic Edge Curb (Roll Curb)
—	L.F. Median Curb & Gutter (6" Curb)
71.9	S.Y. Subgrade Stabilization (Manipulation)
—	S.Y. 2 1/2" Bit. Base

EARTHWORK

CUT	FILL
TOTAL 1160 C.Y.	7942 C.Y.

NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

CITY OF WICHITA

SHANNON WOODS

PROJECT NO.
472-76-245-81534-000-000-001

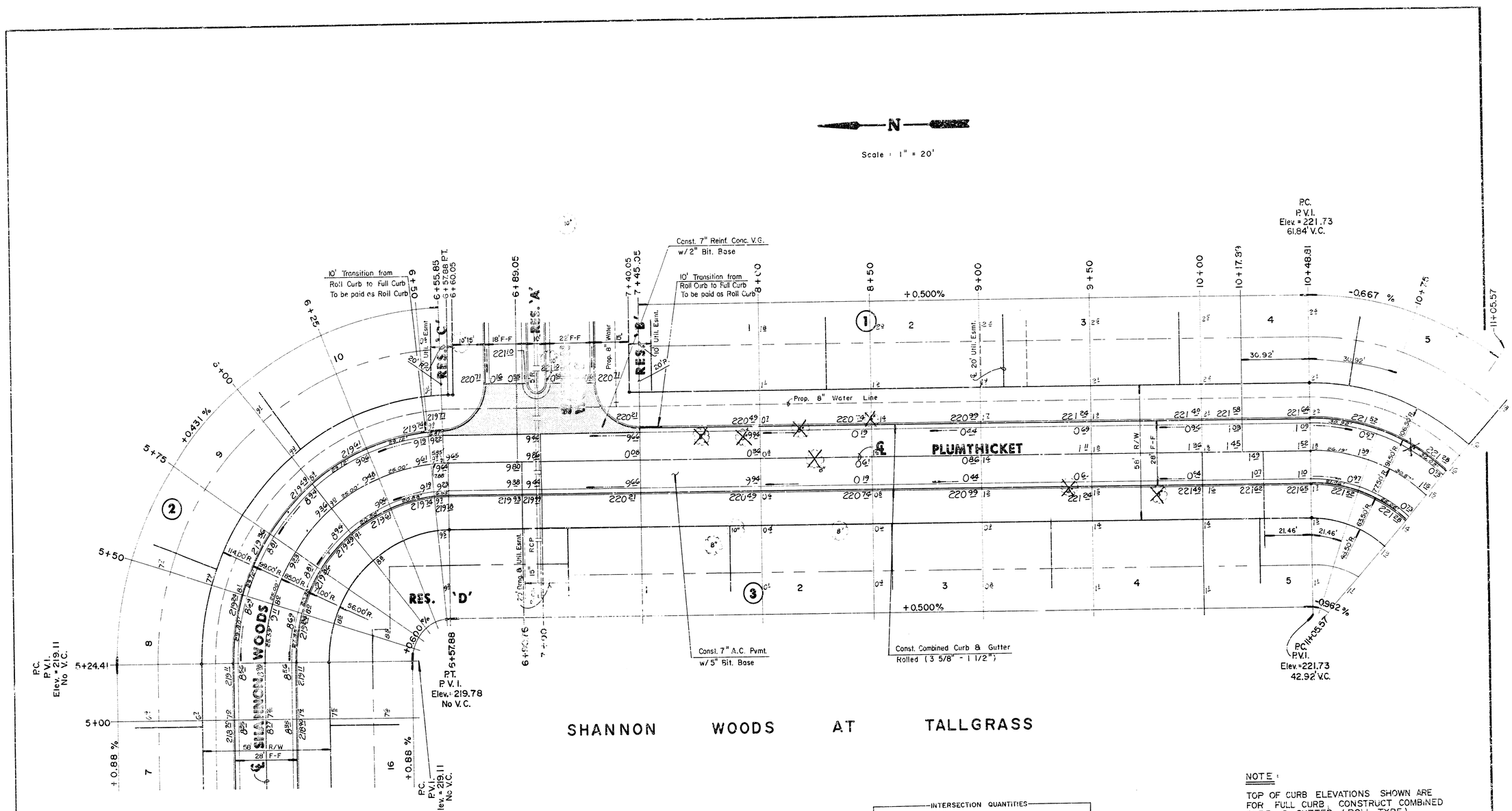
Design: GJA
Drawn by: KSM
Checked by: DSS
Date: AUG. 1989
Job No.:

Sheet 5 of 23

MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566

89-27-113 E

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△ = 89°58'06"	R = 85.00'	T = 84.95'	L = 133.47'	LC = 120.17'	
CURVE DATA BASED ON CENTERLINE			△/2 = 44°59'03"		
STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
5+24.41	-	-	-	03°00'03"	00°00'00"
5+50.00	25.59'	32.03'	18.90'	03°27'03"	03°27'03"
5+75.00	25.00'	31.35'	18.48'	03°23'33"	17°00'06"
6+00.00	25.00'	31.35'	18.48'	03°23'33"	23°23'39"
6+25.00	25.00'	31.35'	18.46'	03°23'33"	33°54'08"
6+50.00	25.00'	31.36'	18.46'	03°23'33"	42°19'41"
6+55.35	5.35'	7.36'	-	01°38'18"	44°17'59"
6+57.88	2.03'	-	5.34'	00°41'04"	44°59'03"
				Def/Ft =20.22204 Min.	

INTERSECTION QUANTITIES

146.0	S.Y. 7" V.G. Pvmt. (5" Reinf. Conc. Pvmt. w/2" Bit. Base)
62.4	L.F. Monolithic Edge Curb (Roll Curb)
14.1	L.F. Median Curb & Gutter (6" Curb)
159.1	S.Y. Subgrade Stabilization (Manipulation)
4.2	S.Y. 2 1/2" Bit. Base

△ = 41°57'47"	R = 77.50'	T = 29.72'	L = 56.76'	LC = 55.50'	
CURVE DATA BASED ON CENTERLINE			△/2 = 20°59'53"		
STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
10+48.81	-	-	-	00°00'00"	00°00'00"
10+75.00	26.19'	33.46'	18.67'	09°40'52"	09°40'52"
11+05.57	30.57'	38.99'	21.75'	11°18'01"	20°58'53"
				Def/Ft =22.17901 Min.	

NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB. CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

CITY OF WICHITA

SHANNON WOODS/ PLUMTHICKET

PROJECT NO.
472-76-245-81594-000-000-001

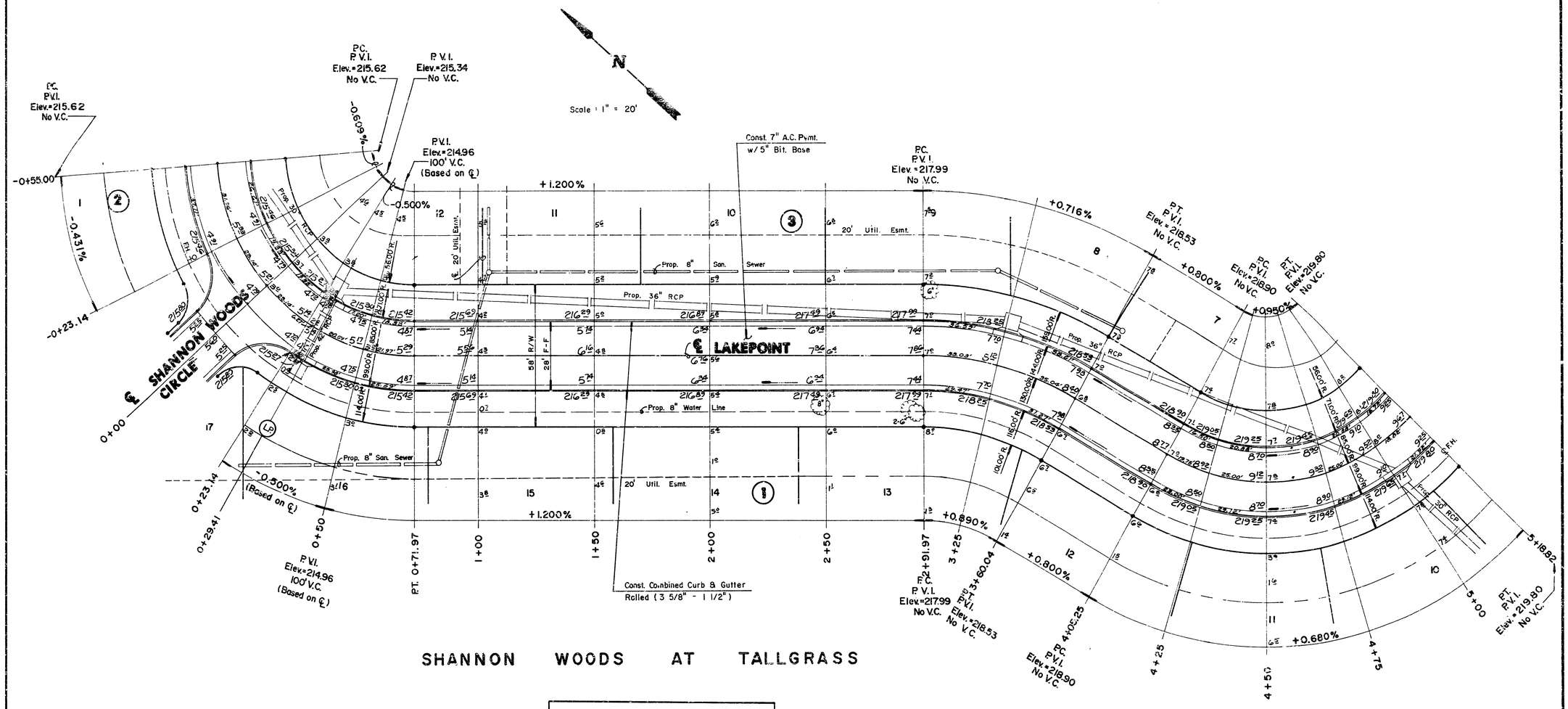
Design: DJA
Drawn By: KSM
Checked by: DSS
Date: AUG 1989
Job No.:

MID-KANSAS ENGINEERING CONSULTANTS, P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566

Sheet 6 of 23

89-27-113E

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SHANNON WOODS AT TALLGRASS

LAKEPOINT			
WATER VALVE BOXES			
Station	Dist. From	Ex.El.(Plan)	Prop. El.
0+41.56	27' Rt.		215.65
0+44.58	30' Rt.		215.65
5+15.80	23' Rt.		220.06
5+18.82	21.75' Rt.		220.06

△= 85°35'06" R = 85.00' T = 78.69' L = 126.97' LC = 115.49'

CURVE DATA BASED ON CENTERLINE △/2 = 42°47'33"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
-0+55.00	-	-	-	00°00'00"	00°00'00"
-0+23.14	31.86'	23.48'	39.87'	10°44'16"	10°44'16"
0+00.00	23.14'	17.10'	29.04'	07°47'56"	18°32'13"
0+23.14	23.14'	17.10'	29.04'	07°47'56"	26°20'08"
0+29.41	6.27'	4.65'	7.89'	02°06'48"	28°26'57"
0+50.00	20.59'	15.22'	25.83'	06°56'22"	35°23'19"
0+71.97	21.97'	16.24'	27.58'	07°24'14"	42°47'33"
				Def/Ft =20.22204 Min.	

△= 30°00'00" R = 130.00' T = 34.83' L = 68.07' LC = 67.29'

CURVE DATA BASED ON CENTERLINE △/2 = 15°00'00"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
2+91.97	-	-	-	00°00'00"	00°00'00"
3+25.00	33.03'	38.52'	27.37'	07°16'44"	07°16'44"
3+60.04	35.04'	40.84'	29.02'	07°43'16"	15°00'00"
				Def/Ft =13.22210 Min.	

△= 76°33'20" R = 85.00' T = 67.08' L = 113.57' LC = 105.31'

CURVE DATA BASED ON CENTERLINE △/2 = 38°16'40"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
4+06.25	-	-	-	00°00'00"	00°00'00"
4+25.00	18.75'	14.51'	24.01'	08°39'23"	08°39'23"
4+50.00	25.00'	18.46'	31.36'	08°25'33"	15°04'55"
4+75.00	25.00'	18.46'	31.36'	08°25'33"	23°30'29"
5+00.00	25.00'	18.46'	31.36'	08°25'33"	31°56'02"
5+18.82	18.82'	13.92'	23.65'	06°20'38"	38°16'40"
				Def/Ft =20.22204 Min.	

NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

CITY OF WICHITA

LAKEPOINT

PROJECT NO. 472-76-245-81594-000-000-001

Design: GJA
Drawn by: KSM
Checked by: DSS
Date: AUG. 1989
Job No.:

MID-KANSAS ENGINEERING CONSULTANTS P.A.
1500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67206
636-5566

Sheet 7 of 23

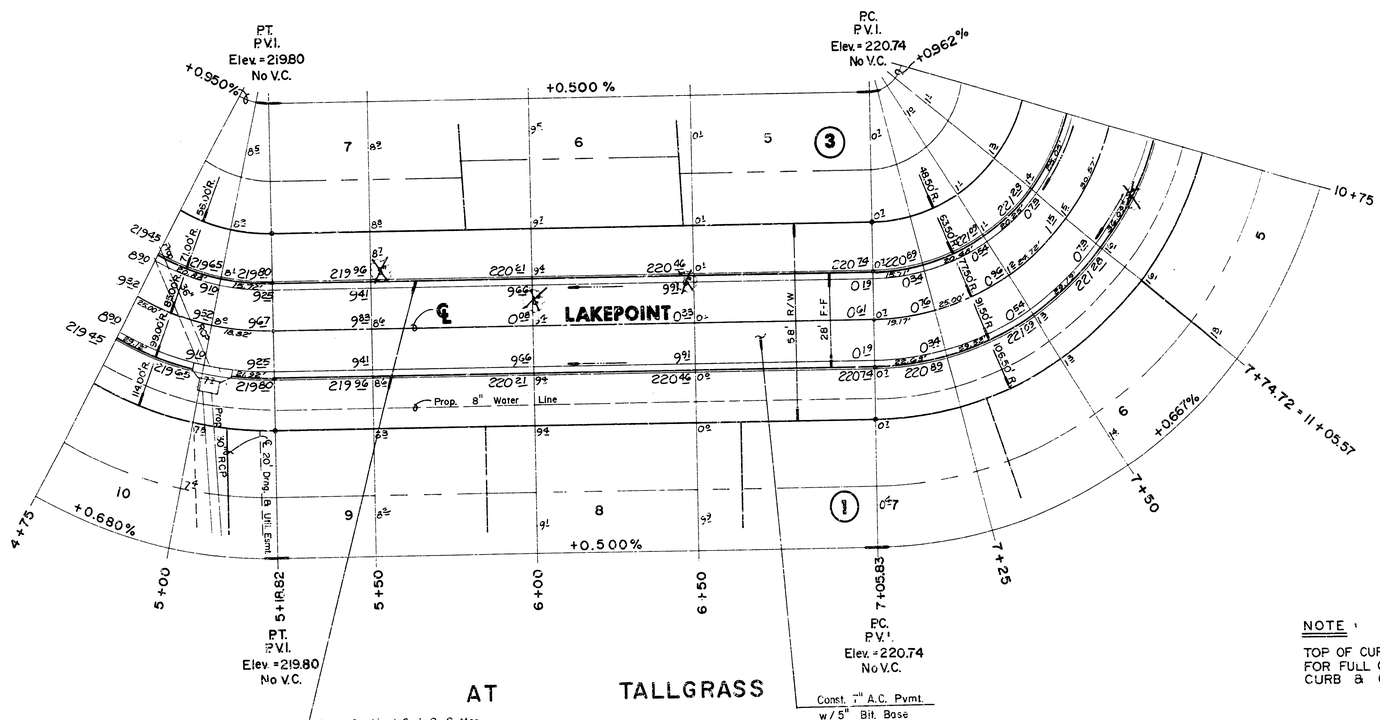
89-27-113E

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N

Scale : 1" = 20'

SHANNON WOODS AT TALLGRASS



NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

△ = 50°55'42" R = 77.50' T = 36.91' L = 68.89' LC = 66.64'

CURVE DATA BASED ON CENTERLINE △/2 = 25°27'51"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
7+05.83	"	"	"	00°00'00"	00°00'00"
7+25.00	19.17'	13.63'	24.55'	07°05'10"	07°05'10"
7+50.00	25.00'	17.83'	31.36'	09°14'29"	16°19'39"
7+74.72	24.72'	17.63'	31.60'	09°08'12"	25°27'51"
				Def/Ft = 22.17901 Min.	

CITY OF WICHITA

LAKEPOINT

PROJECT NO.
472-76-245-81594-000-000-001

Design: GJA
Drawn by: KSM
Checked by: DSS
Date: AUG. 1989
Job No.:

MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566

Sheet 8 of 23

89-27-1.3 E

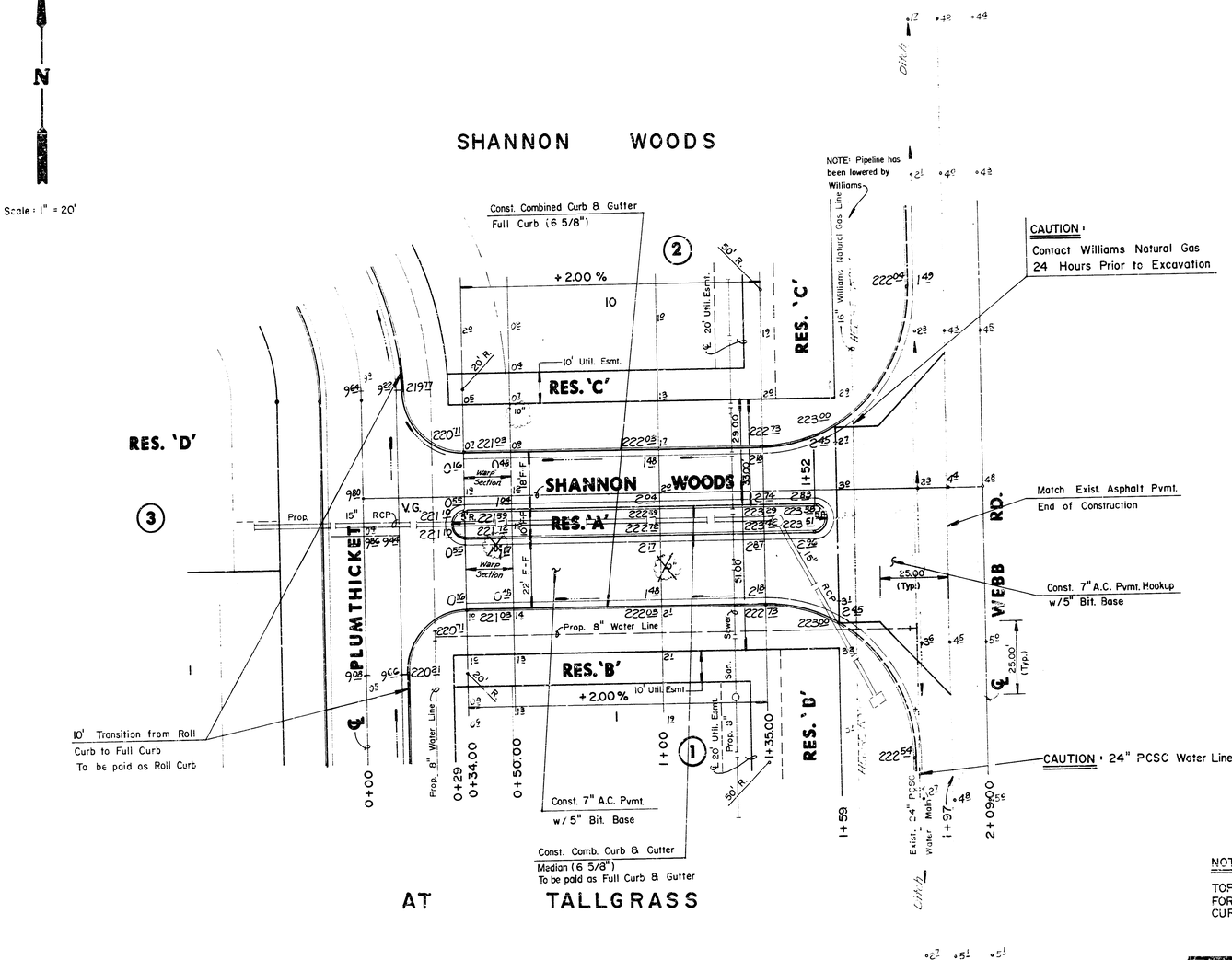
FILMED FROM THE BEST AVAILABLE COPY

N

Scale : 1" = 20'

SHANNON WOODS

AT TALLGRASS



NOTE:

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

CITY OF WICHITA

SHANNON WOODS
(ENTRANCE)

PROJECT NO.
472-76-245-81594-000-000-001

Design: GJA
Drawn by: KSM
Checked by: DSS
Date: AUG. 1989
Job No.:

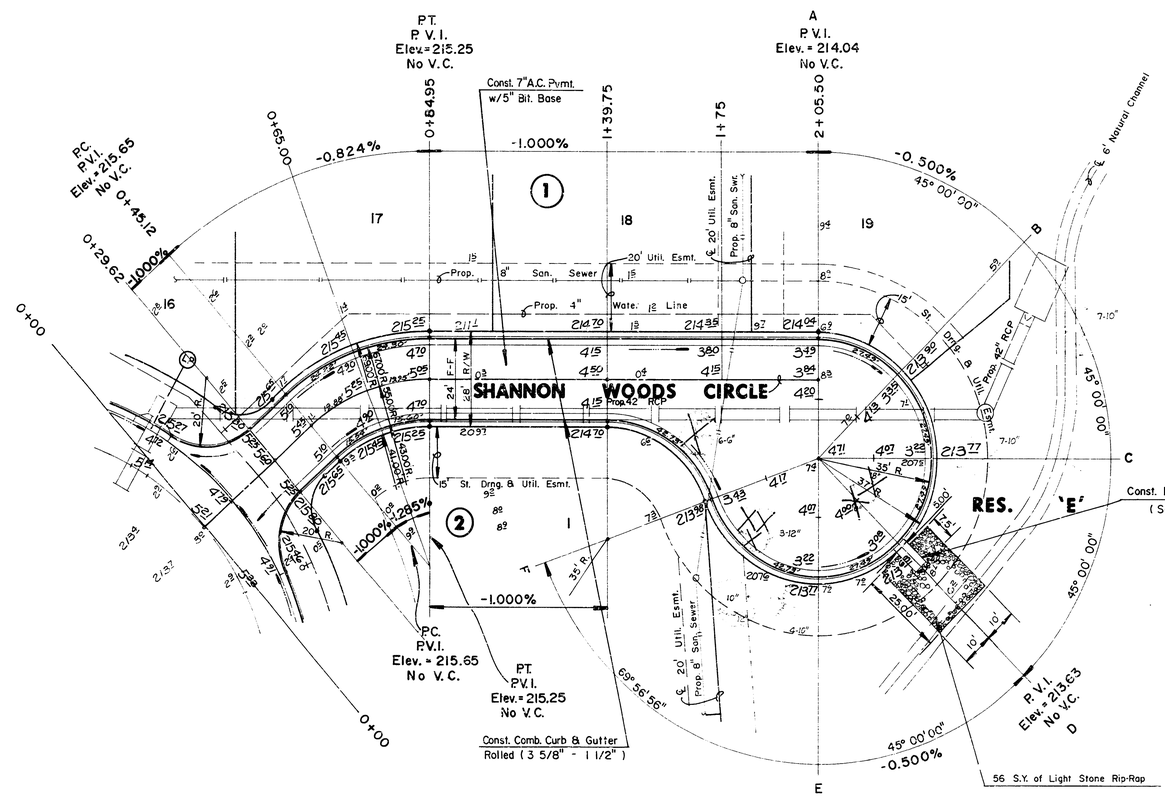
MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566

Sheet 9 of 23

89-27-113 E

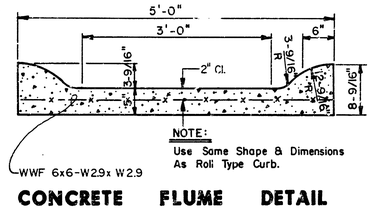
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SHANNON WOODS AT TALLGRASS



N

Scale : 1" = 20'



CONCRETE FLUME DETAIL

NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE)

△= 41°29'20" R = 55.00' T = 20.83' L = 39.83' LC = 38.96'					
CURVE DATA BASED ON CENTERLINE △/2 = 20°44'40"					
STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
0+45.12	-	-	-	00°00'00"	00°00'00"
0+65.00	19.88'	26.96'	12.58'	10°21'18"	10°21'18"
0+84.95	19.95'	27.05'	12.62'	10°23'22"	20°44'40"
				Def/Ft =31.25224' Min.	

CITY OF WICHITA

SHANNON WOODS CIRCLE

PROJECT NO.
472-76-245-81594-000-000-001

Design: GJA
Drawn by: KSM
Checked by: DSS
Date: AUG. 1989
Job No.:

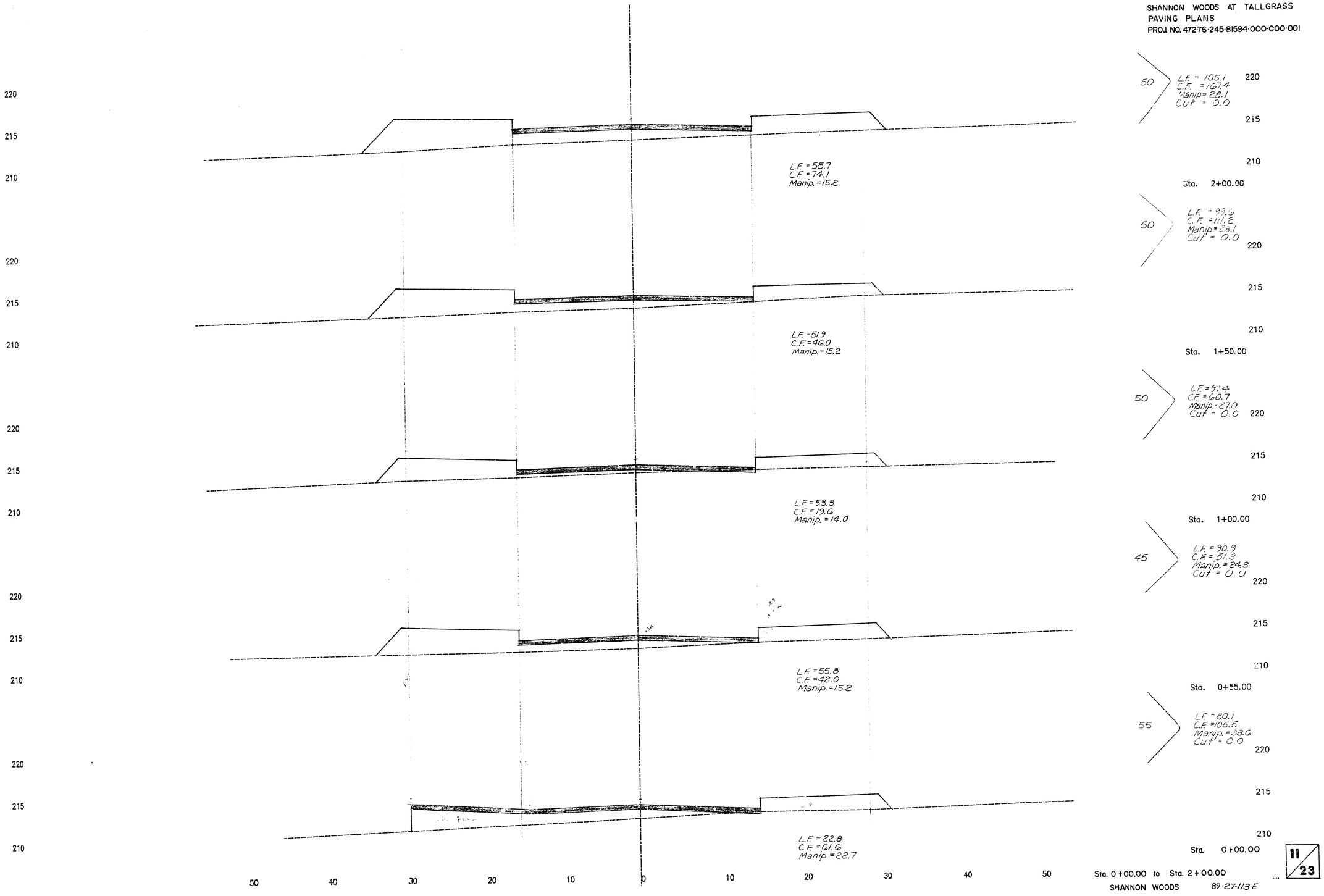
MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566

Sheet 10 of 23

89-27-113 E

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ NO. 472-76-245-81594-000-000-001



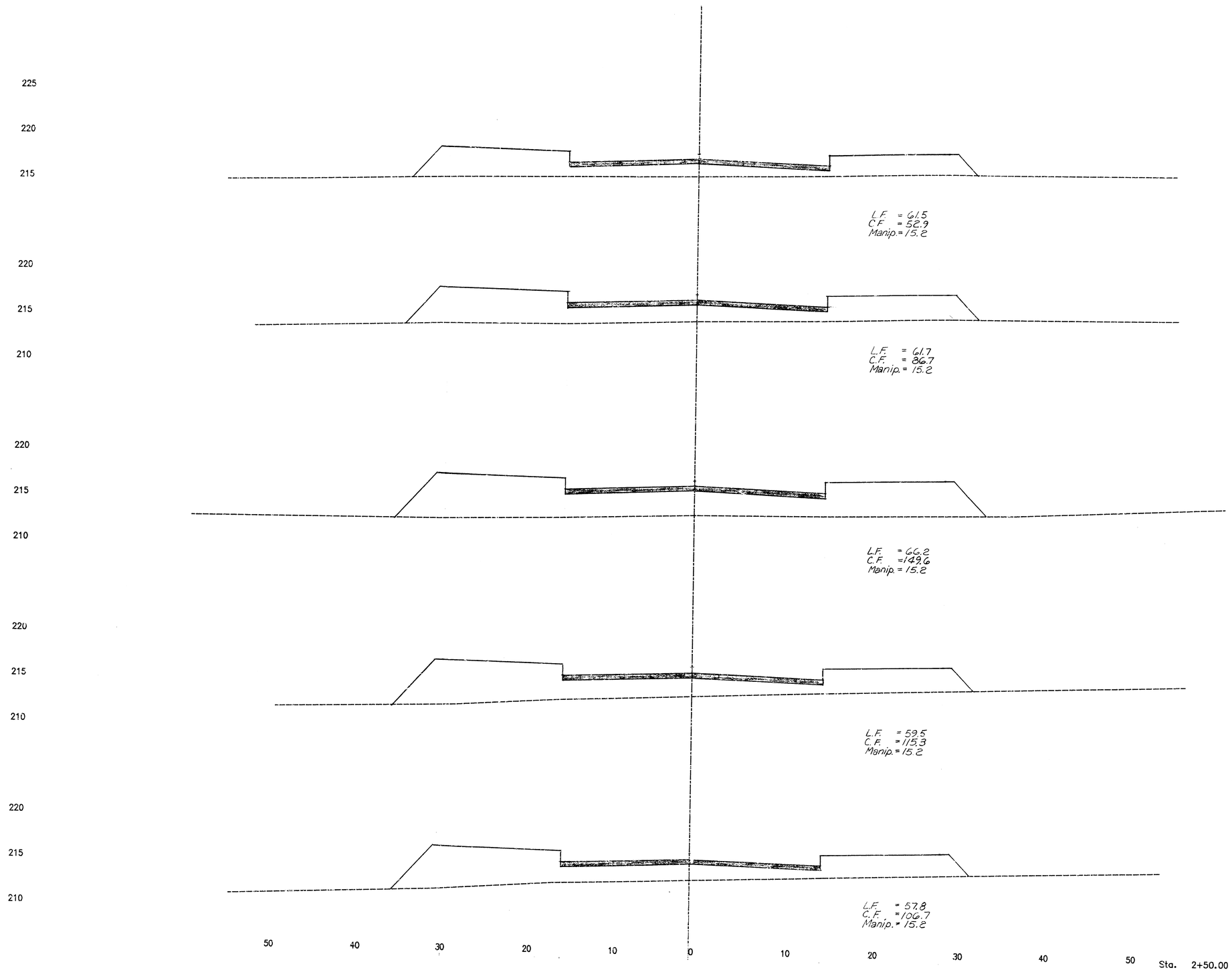
Sta. 0+00.00 to Sta. 2+00.00

SHANNON WOODS 89-27-113 E

11/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001



50
L.F. = 107.9
C.F. = 71.2
Manip. = 28.1
Cut = 0.0
225
220
215
Sta. 4+50.00

50
L.F. = 116.1
C.F. = 169.3
Manip. = 28.1
Cut = 0.0
220
215
210
Sta. 4+00.00

50
L.F. = 118.4
C.F. = 218.8
Manip. = 28.1
Cut = 0.0
220
215
210
Sta. 3+50.00

50
L.F. = 116.4
C.F. = 245.3
Manip. = 28.1
Cut = 0.0
220
215
210
Sta. 3+00.00

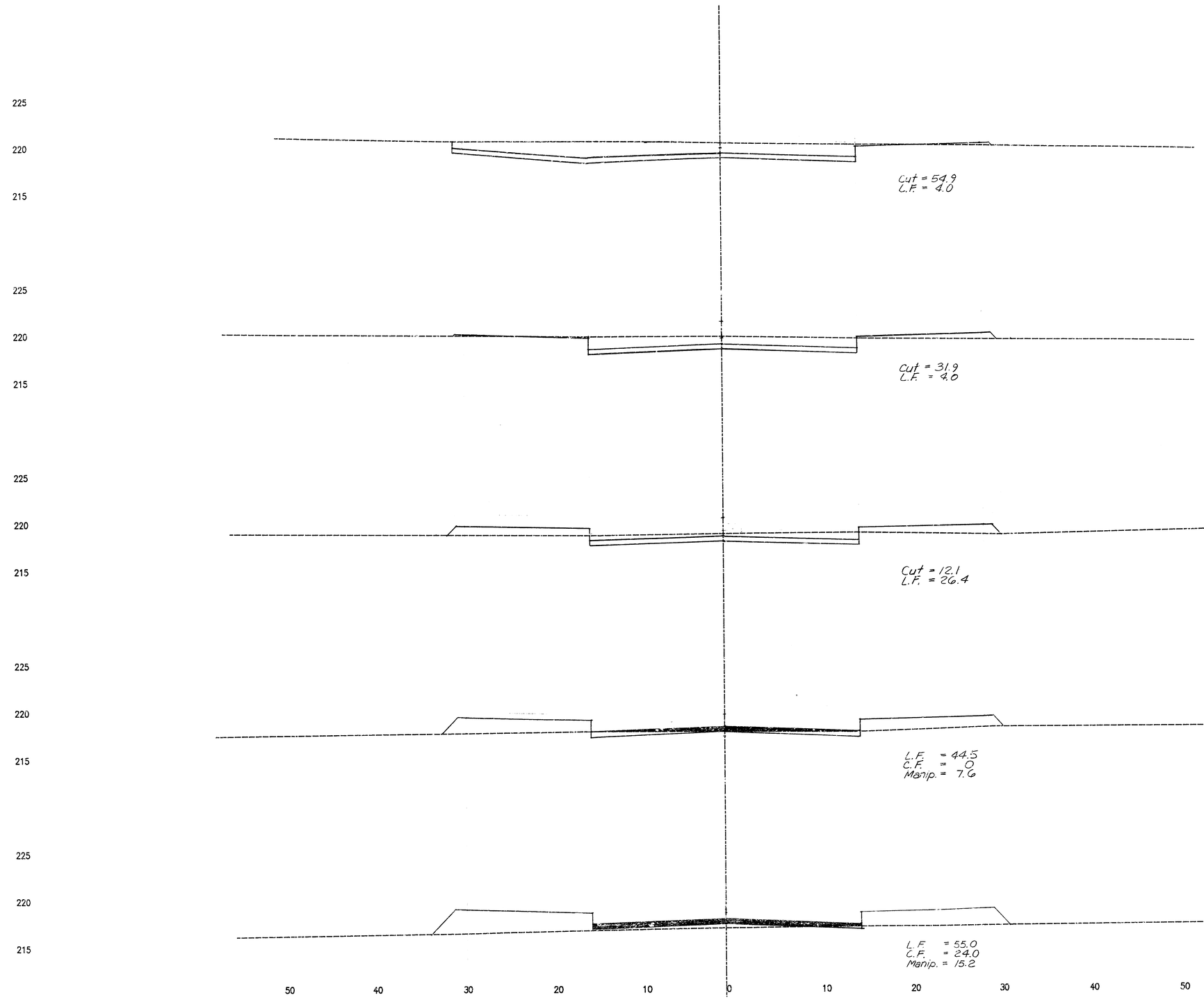
50
L.F. = 108.6
C.F. = 205.6
Manip. = 28.1
Cut = 0.0
220
215
210
Sta. 2+50.00

12/23

SHANNON WOODS 89-27-113E

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001



46.05
L.F. = 5.4
C.F. = 0.0
Manip. = 0.0
Cut = 81.8

Sta. 7+00.00

50
L.F. = 7.4
C.F. = 0.0
Manip. = 0.0
Cut = 80.4

Sta. 6+50.00

50
L.F. = 28.1
C.F. = 0.0
Manip. = 0.0
Cut = 40.7

Sta. 6+00.00

50
L.F. = 65.6
C.F. = 0.0
Manip. = 7.0
Cut = 11.2

Sta. 5+50.00

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L.F. = 92.1
C.F. = 22.2
Manip. = 21.1
Cut = 0.0

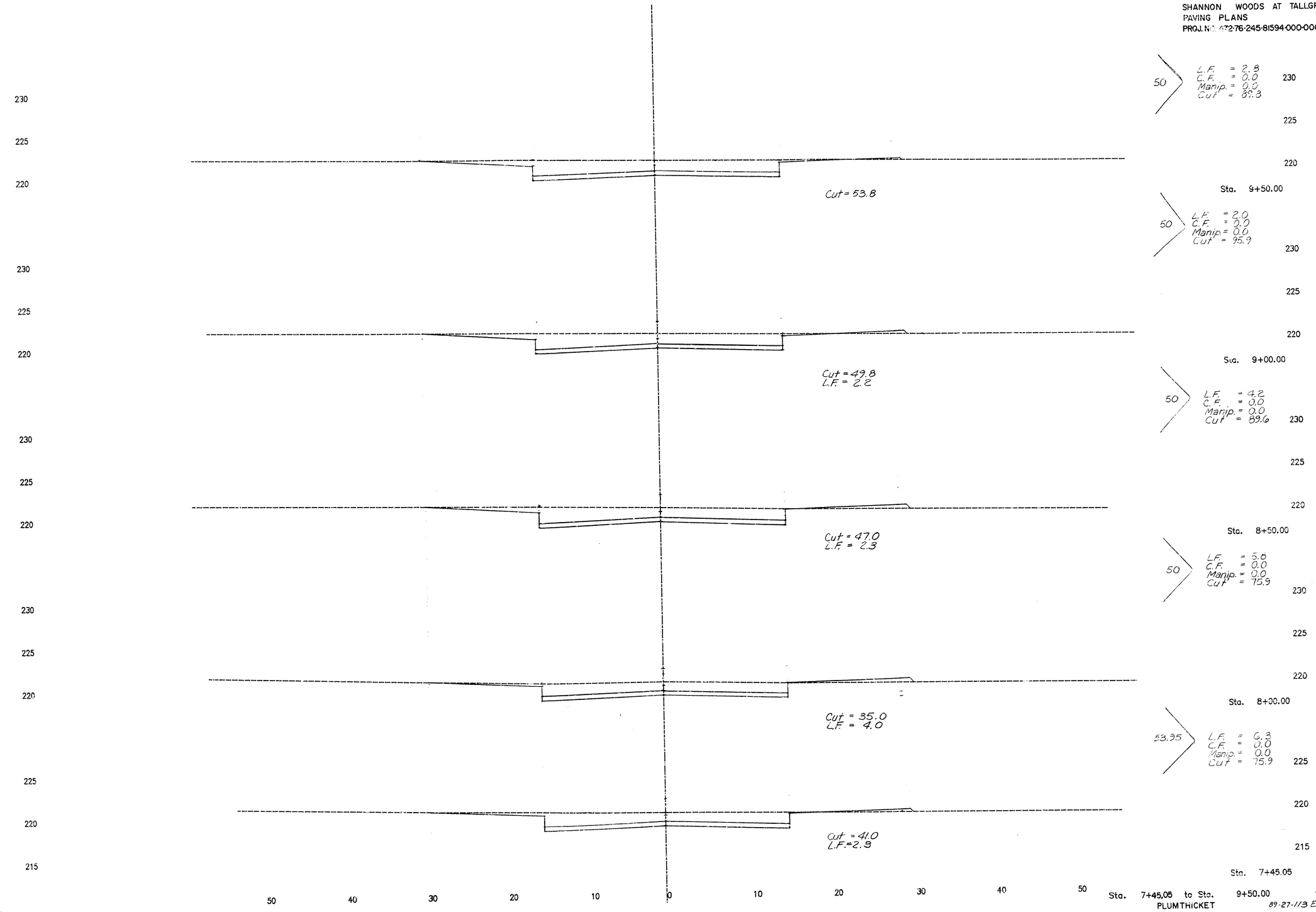
Sta. 5+00.00

Sta. 5+00.00 to Sta. 7+00.00
PLUMTHICKET 89-27.113 E

13/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001



Sta. 7+45.05 to Sta. 9+50.00
PLUMTHICKET 89-27-113 E

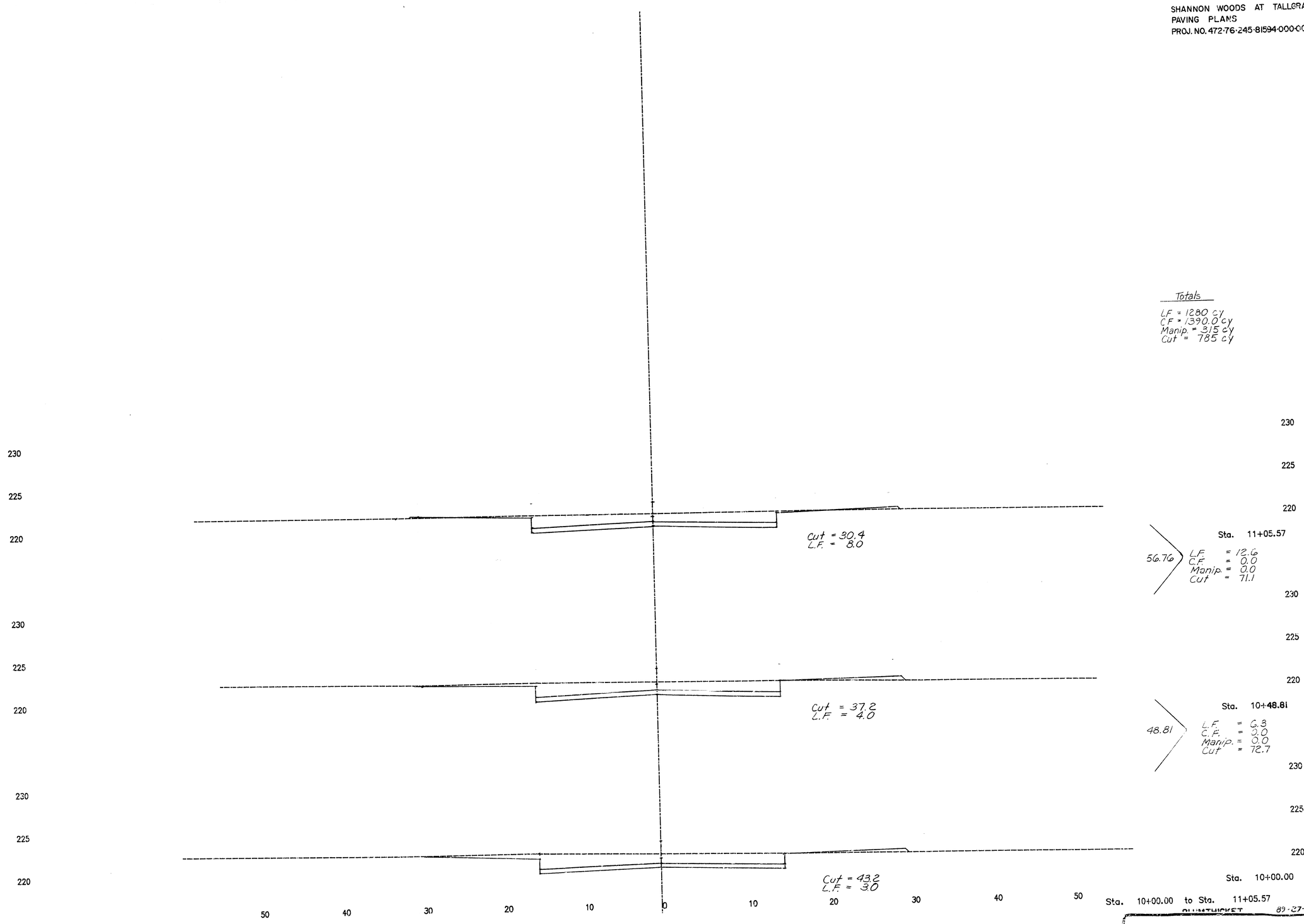
14/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-00

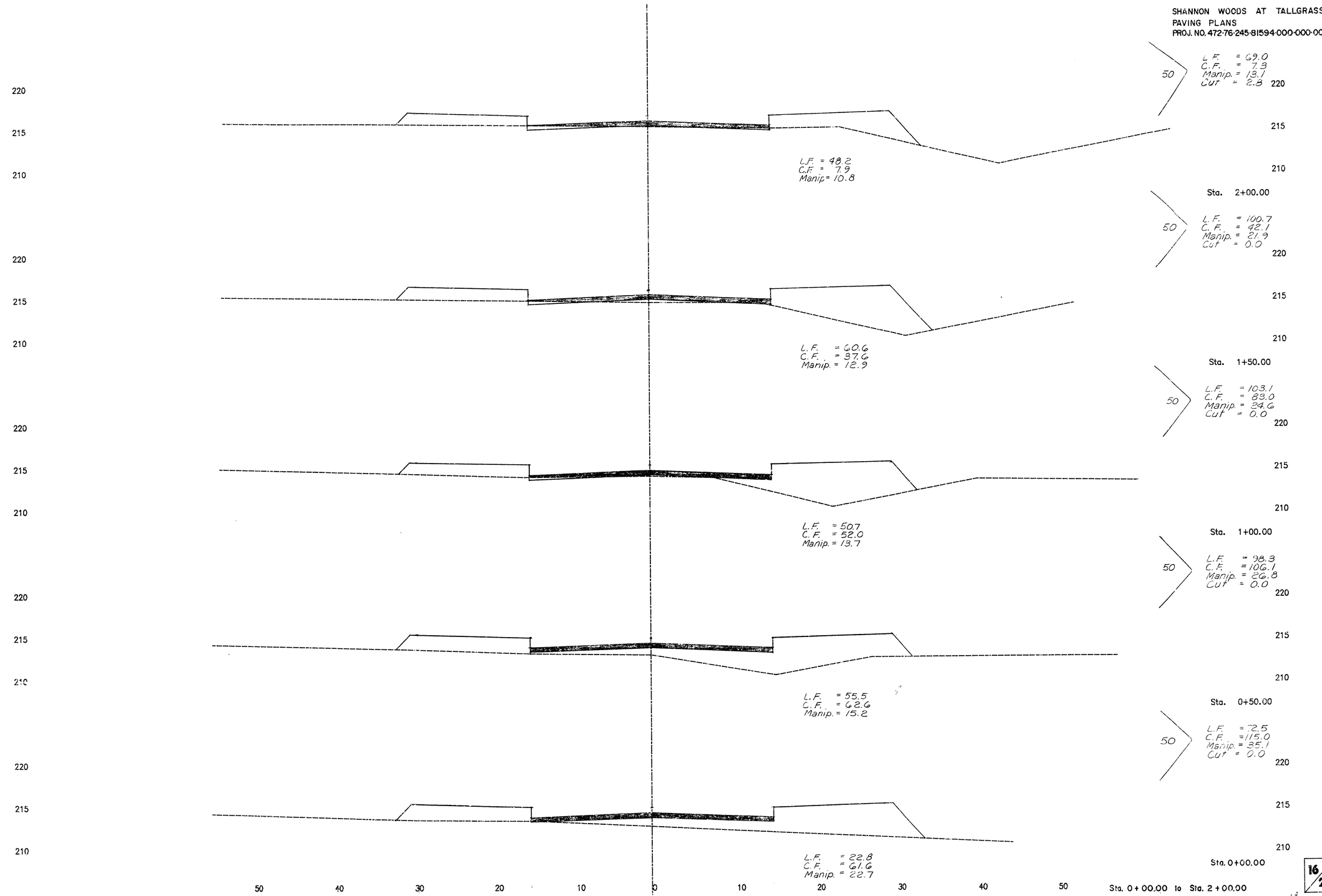
Totals

LF = 1280 cy
CF = 1390.0 cy
Manip. = 315 cy
Cut = 785 cy



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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001



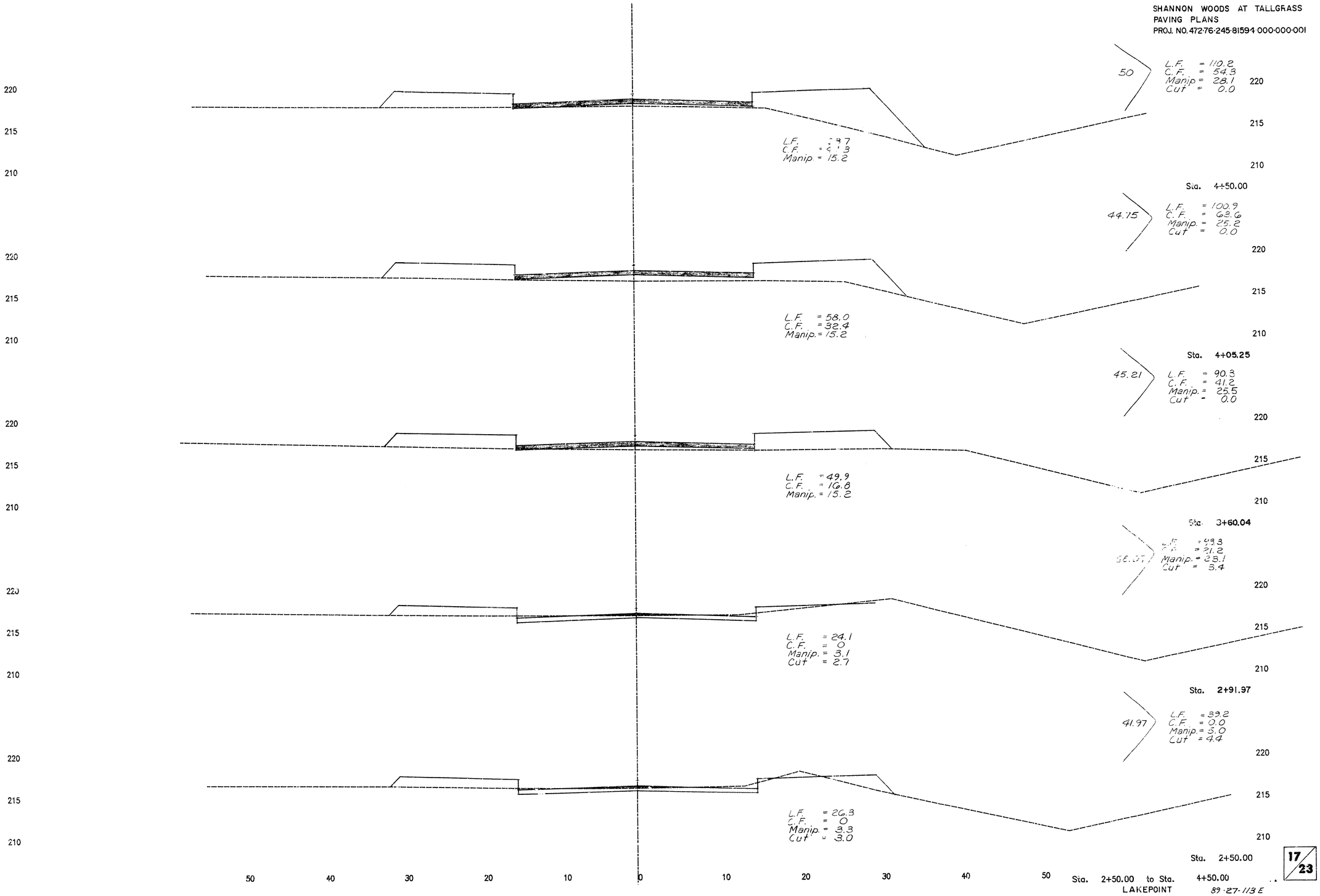
Sta. 0+00.00 to Sta. 2+00.00

LAKEPOINT 89-27-113E

16/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001

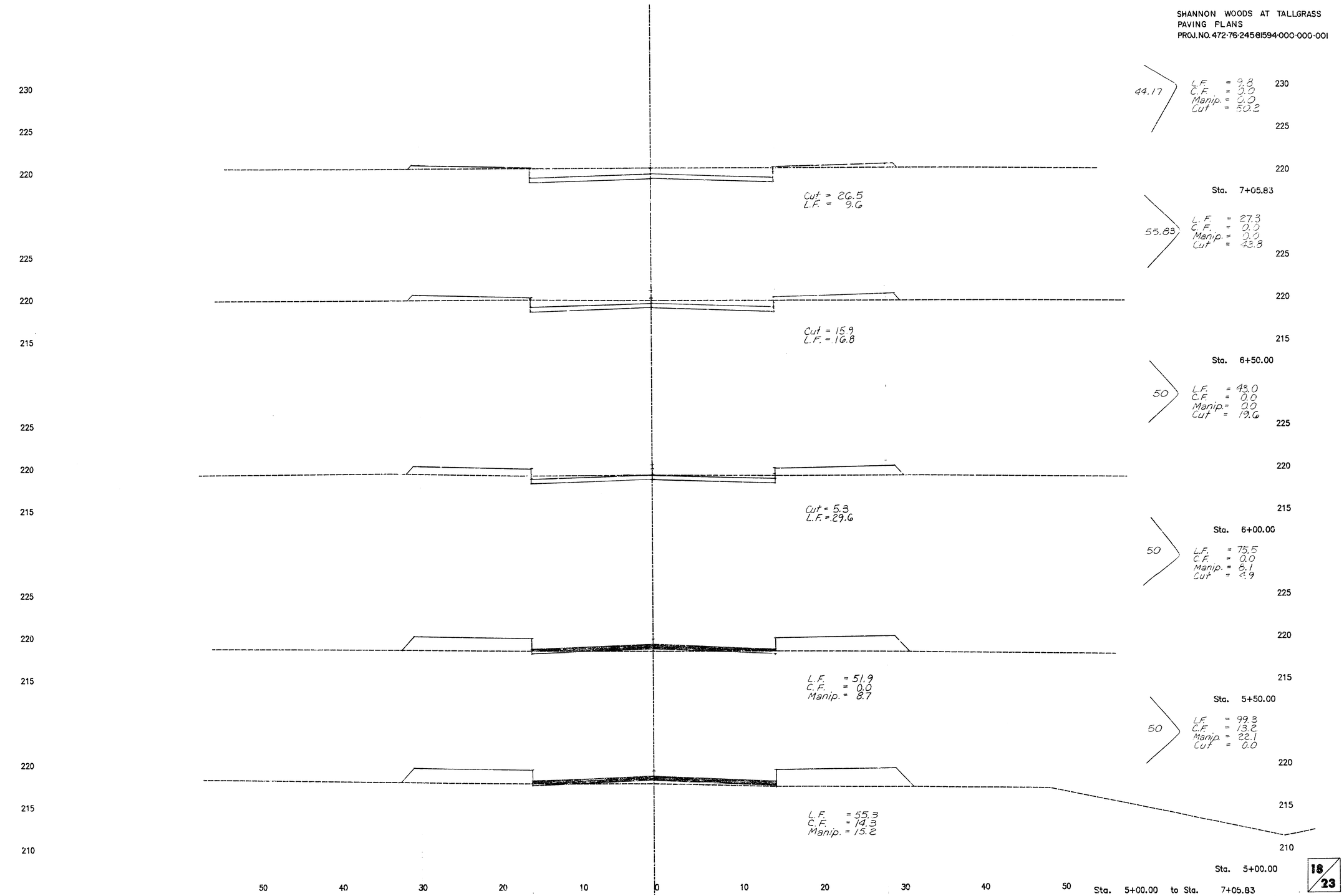


LAKEPOINT 89-27-113E

17/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-24581594-000-000-001



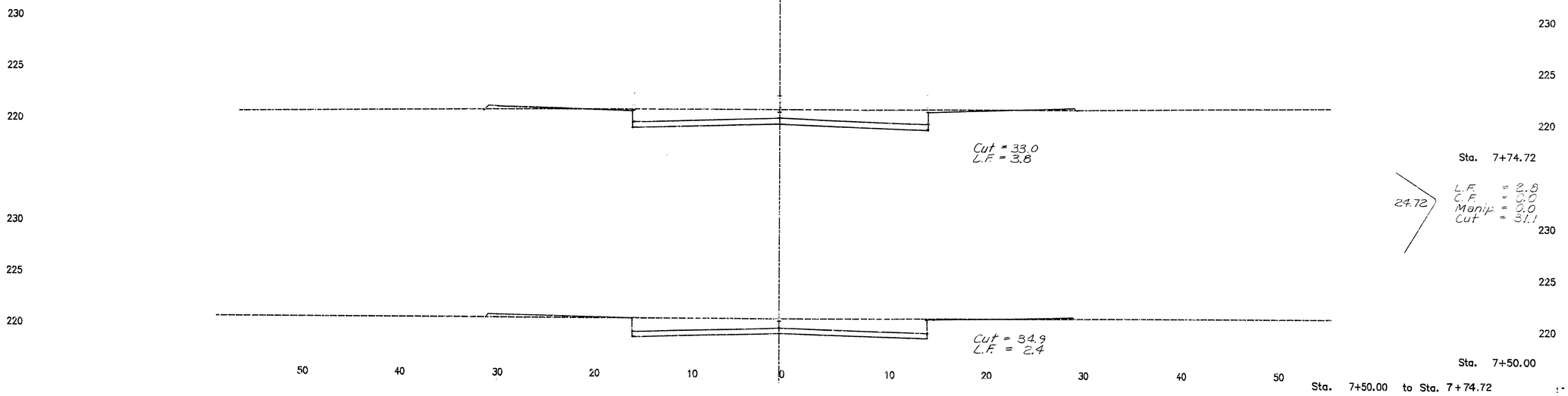
Sta. 5+00.00 to Sta. 7+05.83
LAKEPOINT 69-27-113E

18/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001

Totals
L.F. = 1135 cy
C.F. = 545 cy
Manip. = 260 cy
Cut = 160 cy

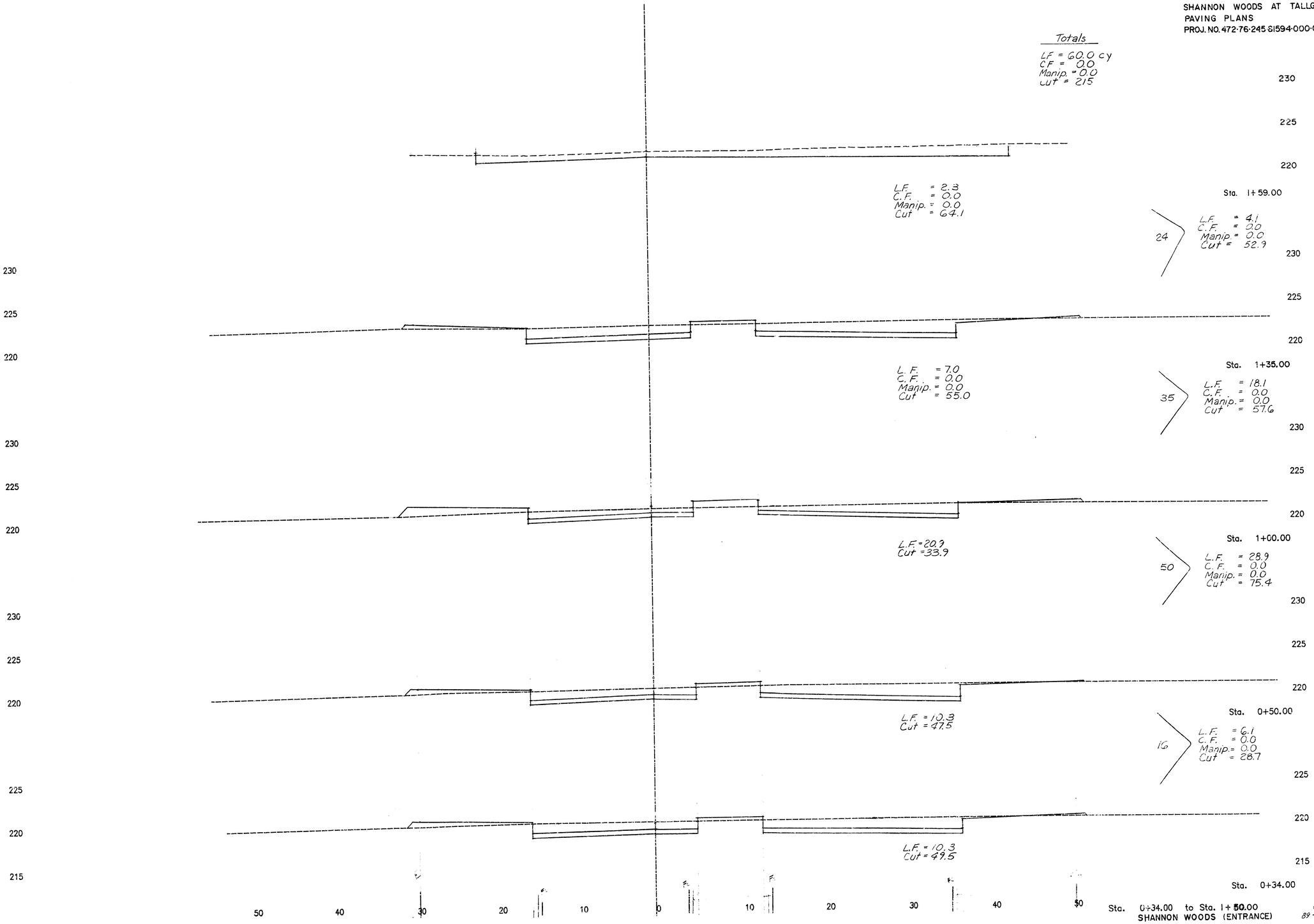


Sta. 7+50.00 to Sta. 7+74.72
LAKEPOINT 89-27-113 E

19/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245 &1594-000-000-001

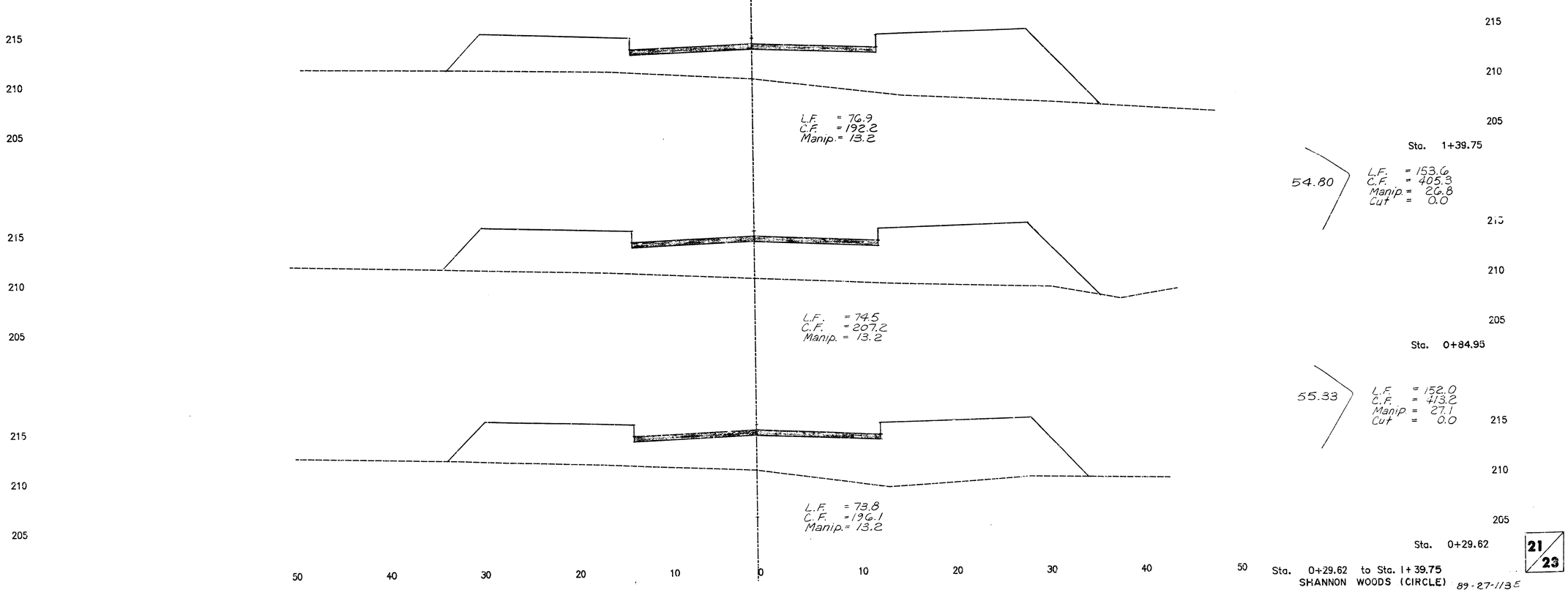


20/23

89-27-113 E

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001

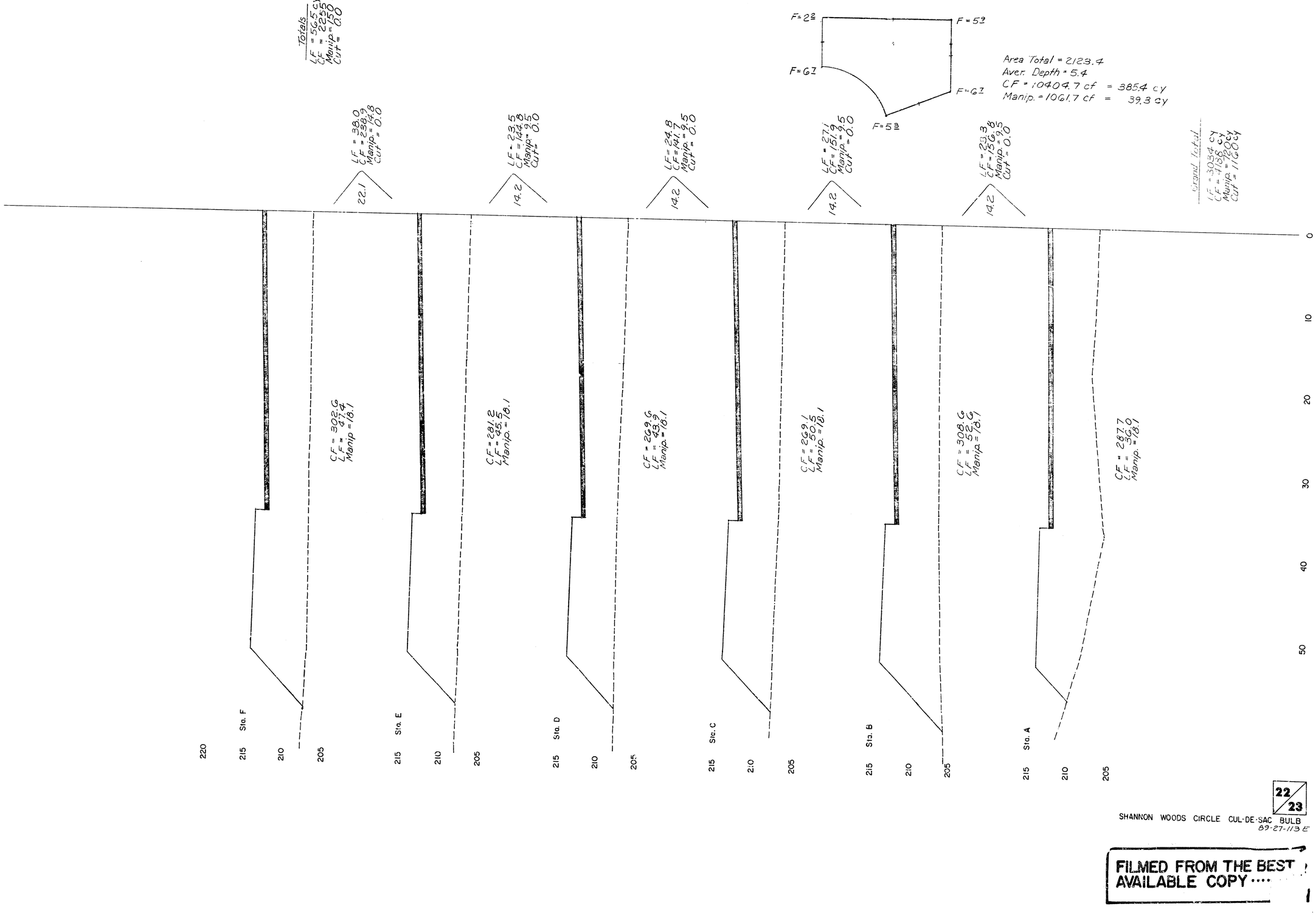


Sta. 0+29.62 to Sta. 1+39.75
SHANNON WOODS (CIRCLE) 89-27-1135

21/23

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SHANNON WOODS AT TALLGRASS
PAVING PLANS
PROJ. NO. 472-76-245-81594-000-000-001



22/23

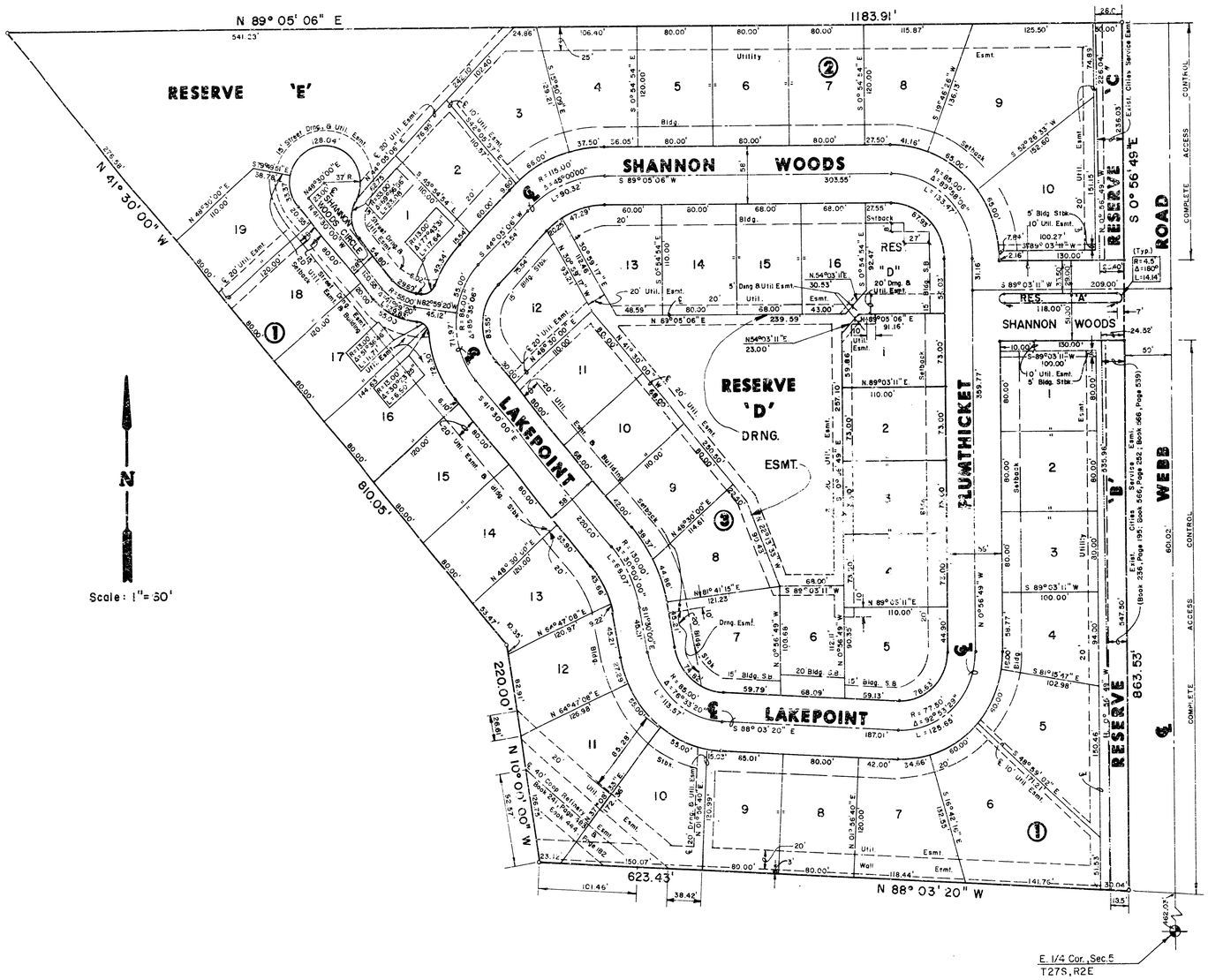
SHANNON WOODS CIRCLE CUL-DE-SAC BULB
89-27-113 E

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FINAL PLAT OF

SHANNON WOODS AT TALLGRASS

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "Shannon Woods at Tallgrass" an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, Streets and Reserves, the same being accurately set forth in the accompanying plat and described herein:

A replat of DEER RUN, an addition to Wichita, Sedgwick County, Kansas.

All Lots, Blocks, Streets (except Webb Road right of way), Easements and Building setbacks are hereby vacated and replatted by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this ____ day of ____, 1989.

Kenneth H. Bengtson, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800
Wichita, KS 67226

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's and Registered Land Surveyor's Certificate, have caused the same to be surveyed and platted into Lots, Blocks, Reserves, and Streets, the same to be known as Shannon Woods at Tallgrass", an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Reserves A, B, C, and E are platted for the construction and maintenance of drainage. Reserves A, B, and C, are also platted for walls, entry monuments, irrigation systems, and landscaping. Reserve D is platted for landscaping, walks, gazebos, swimming pools and related structures, and irrigation systems. The Reserves shall be owned and maintained by the Homeowners Association. Easements for the construction and maintenance of public utilities, drainage and streets as indicated on the accompanying plat, are hereby granted. The 3.00 foot wall easements, as indicated on the accompanying plat, are granted for the purpose of construction and maintenance of a private wall. Utilities may cross the wall. All abutters rights of access to and from Webb Road over and across the East lines of Reserves B and C are hereby granted to the City of Wichita, Kansas.

B.B.B.R. CORPORATION

By: _____
Jay W. Russell

STATE OF KANSAS)
) ss:
SEDGWICK COUNTY)

Be it remembered that on this ____ day of _____, 1989, before me a Notary Public in and for said State and County, came Jay W. Russell for B.B.B.R. Corporation to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

_____, Notary Public

My Appointment Expires: _____

This plat of "Shannon Woods at Tallgrass" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this ____ day of _____, 1989.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

_____, Chairman
Sue L. Crockett

_____, Secretary
Marvin S. Krout

This plat approved and all dedications shown hereon, if any, accepted by the City Council of the City of Wichita, Kansas, this ____ day of _____, 1989.

_____, Mayor
Bob Knight

_____, City Clerk
John Mair

Entered on transfer record this ____ day of _____, 1989.

_____, County Clerk
Don Wright

STATE OF KANSAS)
) SS:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this ____ day of _____, 1989.

_____, Register of Deeds
Pat Kettler

_____, Deputy
Ed Resa

23/23

89-27-113 E

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