

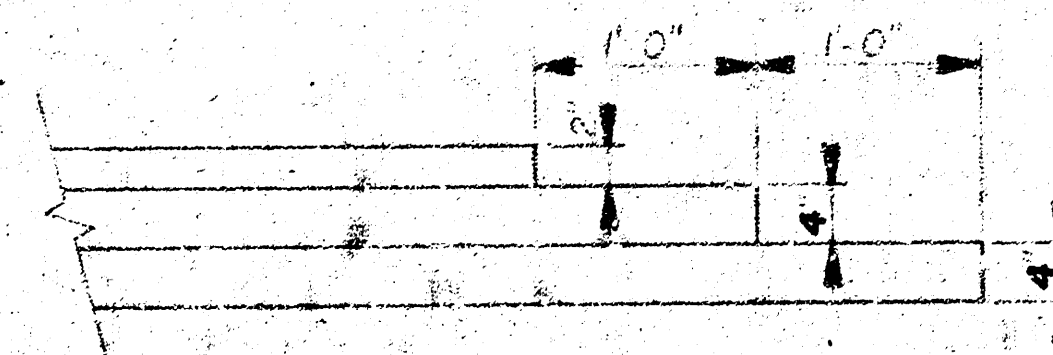
TYPICAL SECTION

27' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

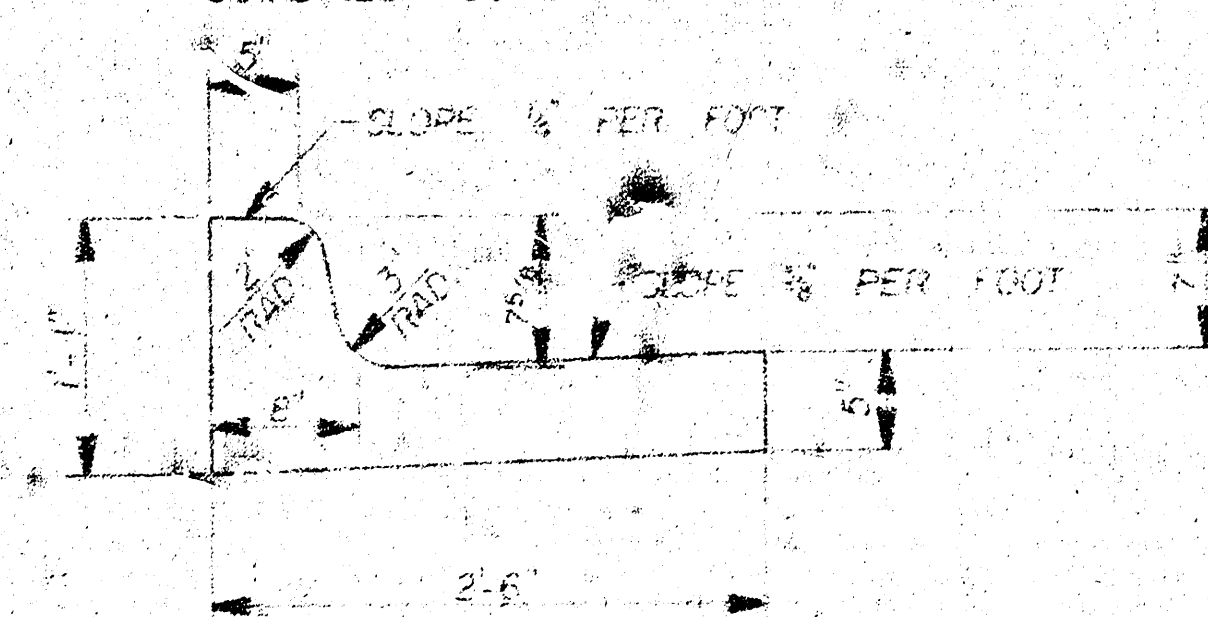
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



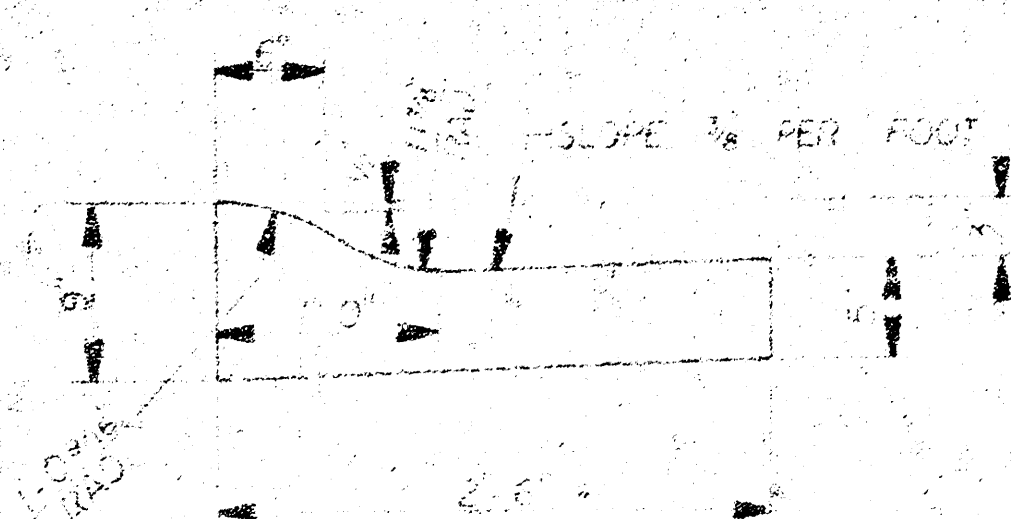
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQ YDS OF ASPHALTIC CONCRETE PAVEMENT.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB & GUTTER SHALL BE PAID AS SQ YDS 10\"/>

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



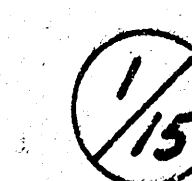
MEAD AVE.
 @ 21st ST. TO 106 FT. NORTH
 OF THE @ 24th ST. NO.

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS - ENGINEERING

R. W. LINN

CITY ENGINEER



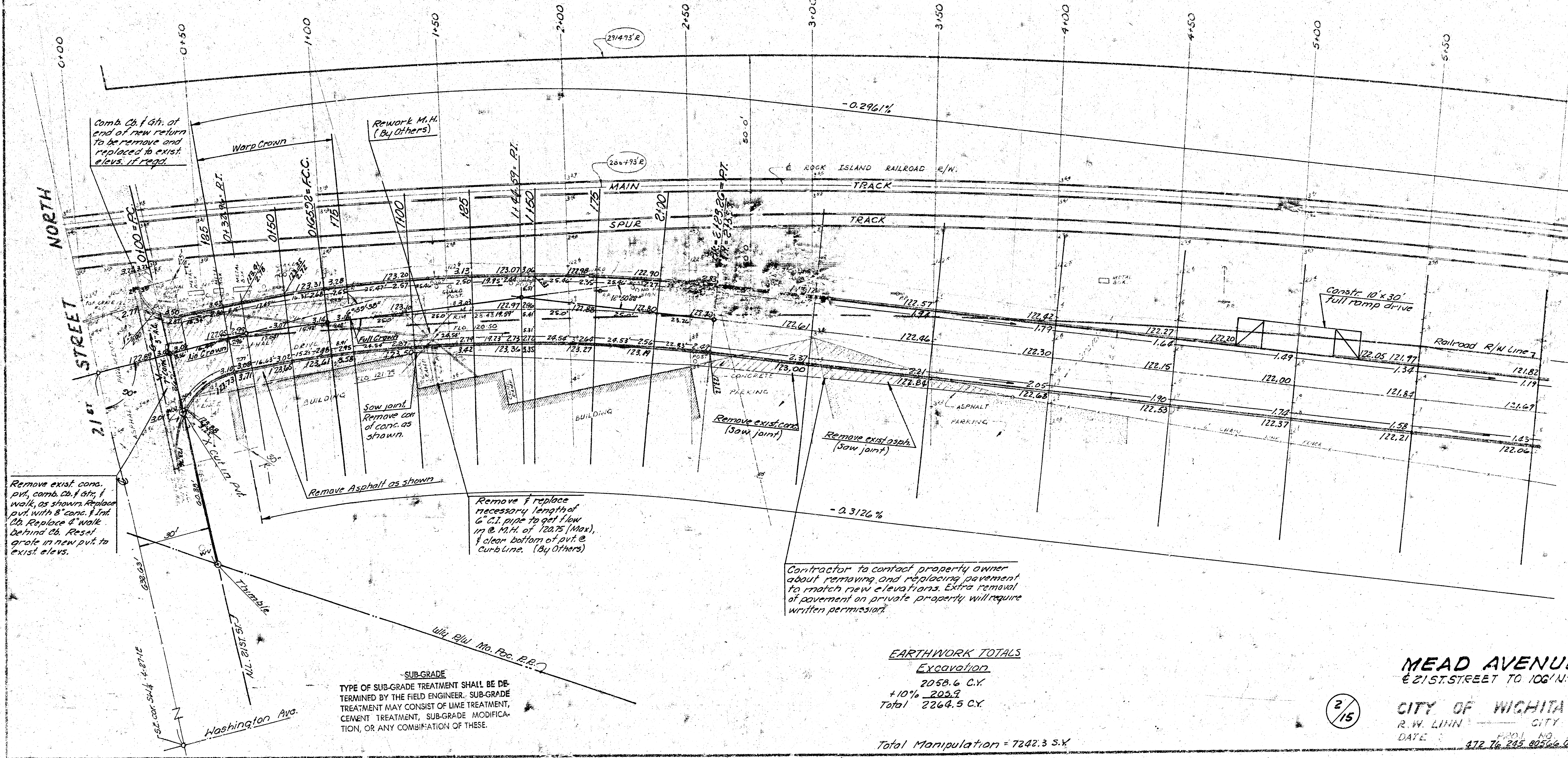
DATE _____ PROJ. NO. DAKS 577074
 472 76 245 80566-000 000 001

SCALE: 1" = 20'

BASELINE IS 30' E. OF 1/4 ROCK ISLAND R.R. R/W.

B.M. 122.79 - WASHINGTON & 25TH STREET, CITY B.M. DISC.
 32' S. 28' E. OF 1/4 SEC. COR.
 B.M. 125.42 - CITY B.M. DISC. S. END GUARD RAIL TUN.
 DOUBLE 12' x 10' R.C.B.C. ON MEAD AVE. APP. 1450' N. OF 21ST ST.
 B.M. 123.73 - 1/4 CUT BK. WK. N.L. 21ST ST & 3/4' E. OF
 E. L. MEAD AVENUE.
 B.M. 123.64 R.R. SPIKE N. FACE ST. LIGHT POLE S. SIDE 21ST, APPROX. W.L. MEAD

NOTE: The Contractor will contact R.I. Railroad Co. for relocation of railroad facilities.



EARTHWORK TOTALS

Excavation
 2058.6 C.Y.
 +10% 205.9
 Total 2264.5 C.Y.

Total Manipulation = 7242.3 S.Y.

MEAD AVENUE

E 21ST STREET TO 106' N. - E 24TH STREET NO.

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

DATE: APRIL 10, 1957

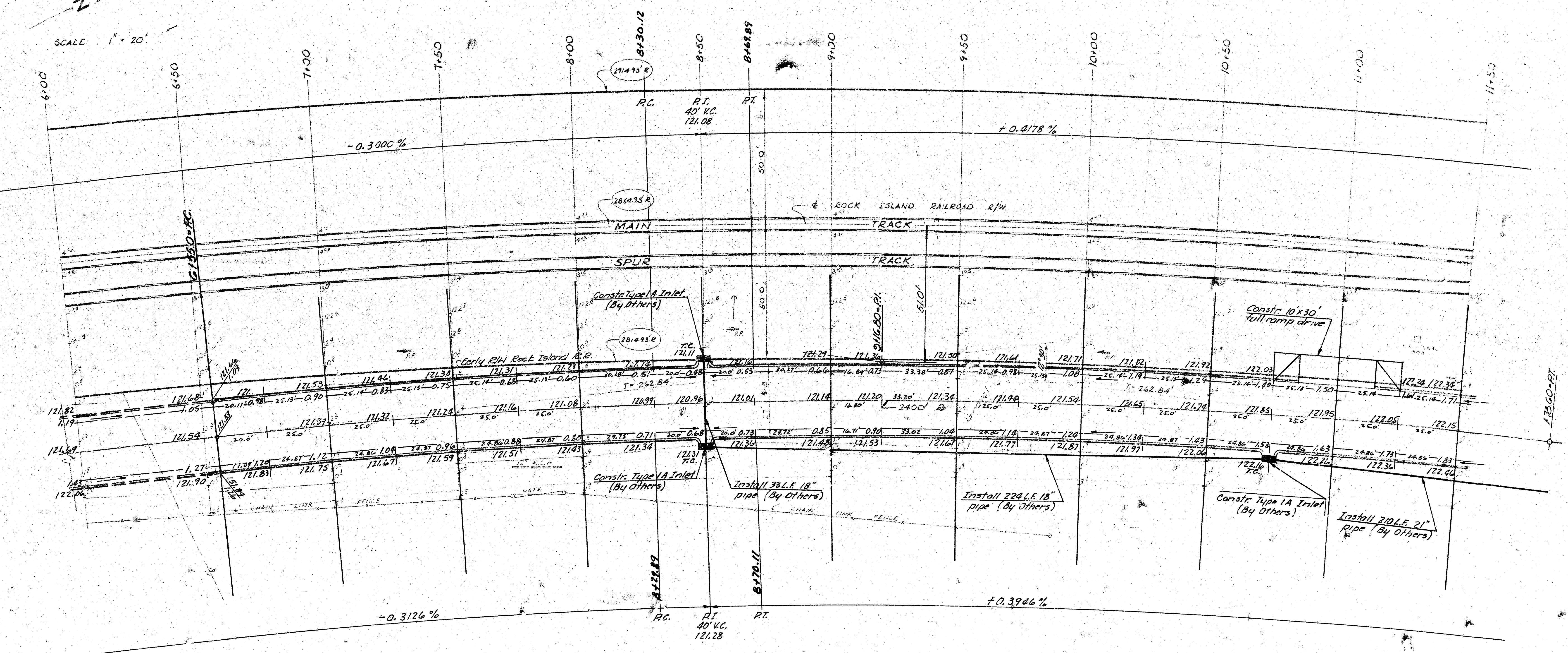
FILMED FROM THE BEST AVAILABLE COPY.....

Survey A. 2-23-33, Bl. 202
Plan. D.L. KROG
EX. C. H. SHERMAN

SCALE 1" = 20'

BASELINE IS 30' E. OF $\frac{1}{4}$ ROCK ISLAND R.R. R/W.

B.M. = 122.79 - WASHINGTON & 25TH STREET, CITY B.M. DISC
32' S. & 28' E. OF $\frac{1}{4}$ SEC. COR.
B.M. = 125.42 - CITY B.M. DISC S. END GUARD RAIL ON DOUBLE
12' x 10' R.C.B.C. ON MEAD AVENUE APP. 1450' N. OF 21ST ST.
B.M. = 123.73 - " CUT BK. WK. N.L. 21ST STREET & 3-4' E. OF
E.L. MEAD AVENUE.



MEAD AVE.

3/15

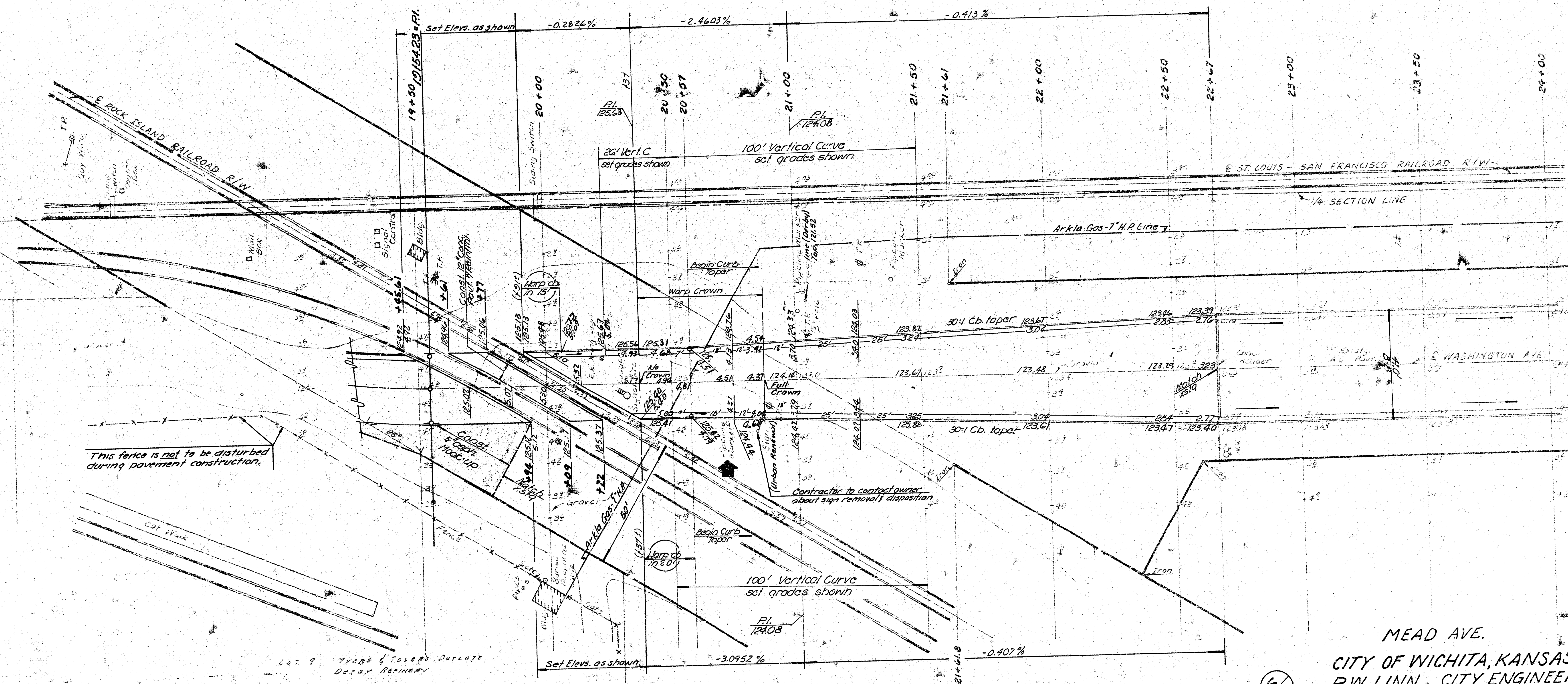
CITY OF WICHITA, KANSAS.
R.W. LINN. CITY ENGINEER 3/1
DATE 1934 MAY 5 577074
472 76 245 80566 000 000 001

FILMED FROM THE BEST
AVAILABLE COPY

FILMED FROM THE BEST
AVAILABLE COPY

Please check with K. O. & Fier
Southwestern Bell
Telephone Co. for Location

N 
Scale: 1" = 20'



MEAD AVE.
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
DATE PROJ. NO. DAKS 577074
472 76 245 80566 000 000 001

FILMED FROM THE BEST
AVAILABLE COPY

$\Delta=6^{\circ}59'30''$ R=540.03' T=33.00' L=65.92' L.C.=65.88'
CURVE DATA BASED ON ϵ RAD. $\frac{\Delta}{2} = 3^{\circ}29'49''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+00			0°00'00"	0°00'00"
0+08.36	8.36	8.36	0°27'15"	0°27'15"
0+16.72	16.72	16.72	0°54'30"	0°54'30"
0+25.08	25.08	25.08	1°21'45"	1°21'45"
0+33.44	33.44	33.44	1°49'00"	2°39'09"
0+41.80	41.80	41.80	2°16'15"	3°29'49"

DEFL./FT = 3.182698 MIN.

STA. 0+00 TO STA. 0+65.92

$\Delta=12^{\circ}50'22''$ R=702.13' T=79.00' L=157.34' L.C.=157.01'
CURVE DATA BASED ON ϵ RAD. $\frac{\Delta}{2} = 6^{\circ}25'11''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+65.92			0°00'00"	0°00'00"
0+74.28	8.36	8.36	0°22'14"	0°22'14"
0+82.64	16.72	16.72	0°44'28"	0°44'28"
0+91.00	25.08	25.08	1°06'42"	1°06'42"
0+99.36	33.44	33.44	1°28'56"	2°28'38"
0+107.72	41.80	41.80	1°51'10"	3°29'48"

DEFL./FT = 2.448095 MIN.

STA. 0+65.92 TO STA. 2+23.26

$\Delta=12^{\circ}30'00''$ R=2400' T=262.88' L=523.60' L.C.=522.56'
CURVE DATA BASED ON ϵ RAD. $\frac{\Delta}{2} = 6^{\circ}15'00''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
6+55			0°00'00"	0°00'00"
6+75	20.0	20.0	0°14'19"	0°14'19"
7+00	25.0	25.0	0°17'54"	0°32'13"
7+25	25.0	25.0	0°17'54"	0°50'01"
7+50	25.0	25.0	0°17'54"	1°07'55"
7+75	25.0	25.0	0°17'54"	1°25'49"
8+00	25.0	25.0	0°17'54"	1°43'43"
8+25	25.0	25.0	0°17'54"	2°01'37"
8+50	25.0	25.0	0°17'54"	2°19'31"
8+75	25.0	25.0	0°17'54"	2°37'25"
9+00	25.0	25.0	0°17'54"	2°55'19"
9+25	25.0	25.0	0°17'54"	3°13'13"
9+50	25.0	25.0	0°17'54"	3°31'07"
9+75	25.0	25.0	0°17'54"	3°49'01"
10+00	25.0	25.0	0°17'54"	4°06'55"
10+25	25.0	25.0	0°17'54"	4°24'49"
10+50	25.0	25.0	0°17'54"	4°42'43"
10+75	25.0	25.0	0°17'54"	5°00'37"
11+00	25.0	25.0	0°17'54"	5°18'31"
11+25	25.0	25.0	0°17'54"	5°36'25"
11+50	25.0	25.0	0°17'54"	5°54'19"
11+75	25.0	25.0	0°17'54"	6°12'13"

DEFL./FT = 0.716196 MIN.

STA. 6+55 TO STA. 11+68.60

$\Delta=30^{\circ}35'00''$ R=288.94' T=79.00' L=154.23' L.C.=152.41'
CURVE DATA BASED ON ϵ RAD. $\frac{\Delta}{2} = 15^{\circ}17'30''$

STA.	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		BOFF	DIFF BOFF	DIFF BOFF	DIFF BOFF
18+00				0° 00' 00"	0° 00' 00"
18+05.24	5.24	4.86	5.63	0° 31' 10"	0° 31' 10"
18+10.48	10.48	10.32	11.27	1° 57' 33"	2° 28' 43"
18+15.72	15.72	15.36	16.73	3° 29' 24"	3° 58' 12"
18+20.96	20.96	20.32	22.19	5° 01' 14"	5° 59' 26"
18+26.20	26.20	25.36	27.65	6° 33' 05"	6° 52' 16"
18+31.44	31.44	30.24	33.11	8° 04' 56"	7° 47' 11"
18+36.68	36.68	35.28	38.57	9° 36' 46"	8° 43' 57"
18+41.92	41.92	40.08	44.03	11° 08' 37"	9° 40' 34"
18+47.16	47.16	44.64	49.49	12° 40' 27"	10° 37' 01"
18+52.40	52.40	49.44	54.95	14° 12' 18"	11° 33' 19"
18+57.64	57.64	54.24	60.41	15° 44' 08"	12° 29' 27"
19+02.88	62.88	58.88	65.87	17° 15' 59"	13° 25' 35"
19+08.12	68.12	63.68	71.33	18° 47' 50"	14° 21' 43"
19+13.36	73.36	68.48	76.79	20° 19' 40"	15° 17' 51"
19+18.60	78.60	73.28	82.25	21° 51' 31"	16° 14' 22"
19+23.84	83.84	78.08	87.71	23° 23' 22"	17° 10' 44"
19+29.08	89.08	82.88	93.17	24° 55' 12"	18° 07' 15"
19+34.32	94.32	87.68	98.63	26° 27' 03"	19° 03' 46"
19+39.56	99.56	92.48	104.09	27° 58' 54"	19° 59' 58"
19+44.80	104.80	97.28	109.55	29° 30' 44"	20° 56' 29"
19+50.04	109.96	102.08	115.01	31° 02' 35"	21° 52' 41"
19+55.28	115.20	106.88	120.47	32° 34' 25"	22° 48' 53"
19+60.52	120.44	111.68	125.93	34° 06' 16"	23° 45' 05"
19+65.76	125.68	116.48	131.39	35° 38' 06"	24° 41' 17"
19+71.00	130.92	121.28	136.85	37° 09' 57"	25° 37' 29"
19+76.24	136.16	126.08	142.31	38° 41' 47"	26° 33' 41"
19+81.48	141.40	130.88	147.77	40° 13' 38"	27° 29' 53"
19+86.72	146.64	135.68	153.23	41° 45' 28"	28° 26' 05"
19+91.96	151.88	140.48	158.69	43° 17' 19"	29° 22' 17"
19+97.20	157.12	145.28	164.15	44° 49' 09"	30° 18' 29"
20+02.44	162.36	150.08	169.61	46° 21' 00"	31° 14' 41"
20+07.68	167.60	154.88	175.07	47° 52' 50"	32° 10' 53"
20+12.92	172.84	159.68	180.53	49° 24' 41"	33° 07' 05"
20+18.16	178.08	164.48	185.99	50° 56' 31"	34° 03' 17"
20+23.40	183.32	169.28	191.45	52° 28' 22"	34° 59' 29"
20+28.64	188.56	174.08	196.91	54° 00' 12"	35° 55' 41"
20+33.88	193.80	178.88	202.37	55° 32' 03"	36° 51' 53"
20+39.12	199.04	183.68	207.83	57° 03' 53"	37° 48' 05"
20+44.36	204.28	188.48	213.29	58° 35' 44"	38° 44' 17"
20+49.60	209.52	193.28	218.75	60° 07' 34"	39° 40' 29"
20+54.84	214.76	198.08	224.21	61° 39' 25"	40° 36' 41"
20+60.08	219.96	202.88	229.67	63° 11' 15"	41° 32' 53"
20+65.32	225.20	207.68	235.13	64° 43' 06"	42° 29' 05"
20+70.56	230.44	212.48	240.59	66° 14' 56"	43° 25' 17"
20+75.80	235.68	217.28	246.05	67° 46' 47"	44° 21' 29"
20+81.04	240.92	222.08	251.51	69° 18' 37"	45° 17' 41"
20+86.28	246.16	226.88	256.97	70° 50' 28"	46° 13' 53"
20+91.52	251.40	231.68	262.43	72° 22' 18"	47° 10' 05"
20+96.76	256.64	236.48	267.89	73° 54' 09"	48° 06' 17"
21+02.00	261.88	241.28	273.35	75° 26' 00"	49° 02' 29"
21+07.24	267.12	246.08	278.81	76° 57' 50"	49° 58' 41"
21+12.48	272.36	250.88	284.27	78° 29' 41"	50° 54' 53"
21+17.72	277.60	255.68	289.73	80° 01' 31"	51° 51' 05"
21+22.96	282.84	260.48	295.19	81° 33' 22"	52° 47' 17"
21+28.20	288.08	265.28	300.65	83° 05' 12"	53° 43' 29"
21+33.44	293.32	270.08	306.11	84° 37' 03"	54° 39' 41"
21+38.68	298.56	274.88	311.57	86° 08' 53"	55° 35' 53"
21+43.92	303.80	279.68	317.03	87° 40' 44"	56° 32' 05"
21+49.16	309.04	284.48	322.49	89° 12' 34"	57° 28' 17"
21+54.40	314.28	289.28	327.95	90° 44' 25"	58° 24' 29"
21+59.64	319.52	294.08	333.41	92° 16' 15"	59° 20' 41"
22+04.88	324.76	298.88	338.87	93° 48' 06"	60° 16' 53"
22+10.12	329.96	303.68	344.33	95° 19' 56"	61° 13' 05"
22+15.36	335.20	308.48	349.79	96° 51' 47"	62° 09' 17"
22+20.60	340.44	313.28	355.25	98° 23' 37"	63° 05' 29"
22+25.84	345.68	318.08	360.71	99° 55' 28"	64° 01' 41"
22+31.08	350.92	322.88	366.17	101° 27' 18"	64° 57' 53"
22+36.32	356.16	327.68	371.63	102° 59' 09"	65° 54' 05"
22+41.56	361.40	332.48	377.09	104° 31' 00"	66° 50' 17"
22+46.80	366.64	337.28	382.55	106° 02' 50"	67° 46' 29"
22+52.04	371.88	342.08	388.01	107° 34' 41"	68° 42' 41"
22+57.28	377.12	346.88	393.47	109° 06' 31"	69° 38' 53"
23+02.52	382.36	351.68	398.93	110° 38' 22"	70° 35' 05"
23+07.76	387.60	356.48	404.39	112° 10' 12"	71° 31' 17"
23+13.00	392.84	361.28	409.85	113° 42' 03"	72° 27' 29"
23+18.24	398.08	366.08	415.31	115° 13' 53"	73° 23' 41"
23+23.48	403.32	370.88	420.77	116° 45' 44"	74° 19' 53"
23+28.72	408.56	375.68	426.23	118° 17' 34"	75° 16' 05"
23+33.96	413.80	380.48	431.69	119° 49' 25"	76° 12' 17"
23+39.20	419.04	385.28	437.15	121° 21' 15"	77° 08' 29"
23+44.44	424.28	390.08	442.61	122° 53' 06"	78° 04' 41"
23+49.68	429.52	394.88	448.07	124° 24' 56"	79° 00' 53"
23+54.92	434.76	399.68	453.53	125° 56' 47"	79° 57' 05"
24+00.16	439.96	404.48	458.99	127° 28' 37"	80° 53' 17"
24+05.40	445.20	409.28	464.45	129° 00' 28"	81° 49' 29"
24+10.64	450.44	414.08	469.91	130° 32' 18"	82° 45' 41"
24+15.88	455.68	418.88	475.37	132° 04' 09"	83° 41' 53"
24+21.12	460.92	423.68	480.83	133° 36' 00"	84° 38' 05"
24+26.36	466.16	428.48	486.29	135° 07' 50"	85° 34' 17"
24+31.60	471.40	433.28	491.75	136° 39' 41"	86° 30' 29"
24+36.84	476.64	438.08	497.21	138° 11' 31"	87° 26' 41"
24+42.08	481.88	442.88	502.67	139° 43' 22"	88° 22' 53"
24+47.32	487.12	447.68	508.13	141° 15' 12"	89° 19' 05"
24+52.56	492.36	452.48	513.59	142° 47' 03"	90° 15' 17"
24+57.80	497.60	457.28	519.05	144° 18' 53"	91° 11' 29"
25+03.04	502.84	462.08	524.51	145° 50' 44"	92° 07' 41"
25+08.28	508.08	466.88	529.97	147° 22' 34"	93° 03' 53"
25+13.52	513.32	471.68	535.43	148° 54' 25"	93° 59' 65"
25+18.76	518.56	476.48	540.89	150° 26' 15"	94° 55' 77"
25+24.00	523.80	481.28	546.35	151° 58' 06"	95° 51' 29"
25+29.24	529.04	486.08	551.81	153° 29' 56"	96° 47' 41"
25+34.48	534.28	490.88	557.27	155° 01' 47"	97° 43' 53"
25+39.72	539.52	495.68	562.73	156° 33' 37"	98° 39' 65"
25+44.96	544.76	500.48	568.19	158° 05' 28"	99° 35' 77"
25+50.20	549.96	505.28	573.65	159° 37' 18"	100° 31' 29"
25+55.44	555.20	510.08	579.11	161° 09' 09"	101° 27' 41"
26+00.68	560.44	514.88	584.57	162° 41' 00"	102° 23' 53"
26+05.92	565.68	519.68	590.03	164° 12' 50"	103° 20' 05"
26+11.16	570.92	524.48	595.49	165° 44' 41"	104° 16' 17"
26+16.40	576.16	529.28	600.95	167° 16' 31"	105° 12' 29"
26+21.64	581.40	534.08	606.41	168° 48' 22"	106° 08' 41"
26+26.88	586.64	538.88	611.87	170° 20' 12"	107° 04' 53"
26+32.12	591.88	543.68	617.33	171° 52' 03"	108° 01' 05"
26+37.36	597.12	548.48	622.79	173° 23' 53"	108° 57' 17"
26+42.60	602.36	553.28	628.25	174° 55' 44"	109° 53' 29"
26+47.84	607.60	558.08	633.71	176° 27' 34"	110° 49' 41"
26+53.08	612.84	562.88	639.17	177° 59' 25"	111° 45' 53"
26+58.32	618.08	567.68	644.63	179° 31' 15"	112° 42' 05"
27+03.56	623.32	572.48	650.09	181° 03' 06"	113° 38' 17"
27+08.80	628.56	577.28	655.55	182° 34' 56"	114° 34' 29"
27+14.04	633.80	582.08	661.01	184° 06' 47"	115° 30' 41"
27+19.28	639.04	586.88	666.47	185° 38' 37"	116° 26' 53"
27+24.52	644.28	591.68	671.93	187° 10' 28"	117° 23' 05"
27+29.76	649.52	596.48	677.39	188° 42' 18"	118° 19' 17"
27+35.00	654.76	601.28	682.85	190° 14' 09"	119° 15' 29"
27+40.24	659.96	606.08	688.31	191° 46' 00"	120° 11' 41"
27+45.48	665.20	610.88	693.77	193° 17' 50"	121° 07' 53"
27+50.72	670.44	615.68	699.23	194° 49' 41"	122° 04' 05"
27+55.96	675.68	620.48	704.69	196° 21' 31"	123° 00' 17"
28+01.20	680.92	625.28	710.15	197° 53' 22"	123° 56' 29"
28+06.44	686.16	630.08	715.61	199° 25' 12"	124° 52' 41"
28+11.68	691.40	634.88	721.07	200° 57' 03"	125° 48' 53"
28+16.92	696.64	639.68	726.53	202° 28' 53"	126° 45' 05"
28+22.16	701.88	644.48	731.99	204° 00' 44"	127° 41' 17"
28+27.40	707.12	649.28	737.45	205° 32' 34"	128° 37' 29"
28+32.64	712.36	654.08	742.91	207° 04' 25"	129° 33' 41"
28+37.88	717.60	658.88	748.37	208° 36' 15"	130° 29' 53"
28+43.12	722.84	663.68	753.83	210° 08' 06"	131° 26' 05"
28+48.36	728.08	668.48	759.29	211° 39' 56"	132° 22' 17"
28+53.60	733.32	673.28	764.75	213° 11' 47"	133° 18' 29"
28+58.84	738.56	678.08	770.21	214° 43' 37"	134° 14' 41"
29+04.08	743.80	682.88	775.67	216° 15' 28"	135° 10' 53"
29+09.32	749.04	687.68	781.13	217° 47' 18"	136° 07' 05"
29+14.56	754.28	692.48	786.59	219° 19' 09"	137° 03' 17"
29+19.80	759.52	697.28	792.05	220° 51' 00"	137° 59' 29"
29+25.04	764.76	702.08	797.51	222° 22' 50"	138° 55' 41"
29+30.28	769.96	706.88	802.97	223° 54' 41"	139° 51' 53"
29+35.52	775.20	711.68	808.43	225° 26' 31"	140° 48' 05"
29+40.76	780.44	716.48	813.89	226° 58' 22"	141° 44' 17"
29+46.00	785.68	721.28	819.35	228° 30' 12"	142° 40' 29"
29+51.24	790.92	726.08	824.81	230° 02' 03"	143° 36' 41"
29+56.48	796.16	730.88	830.27	231° 33' 53"	144° 32' 53"
30+01.72	801.40				