

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1081	CRAWFORD	15	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 74292	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 781 (IL RTE. 33)
SECTION 1081
CRAWFORD COUNTY
C-97-038-08

INDEX OF SHEETS

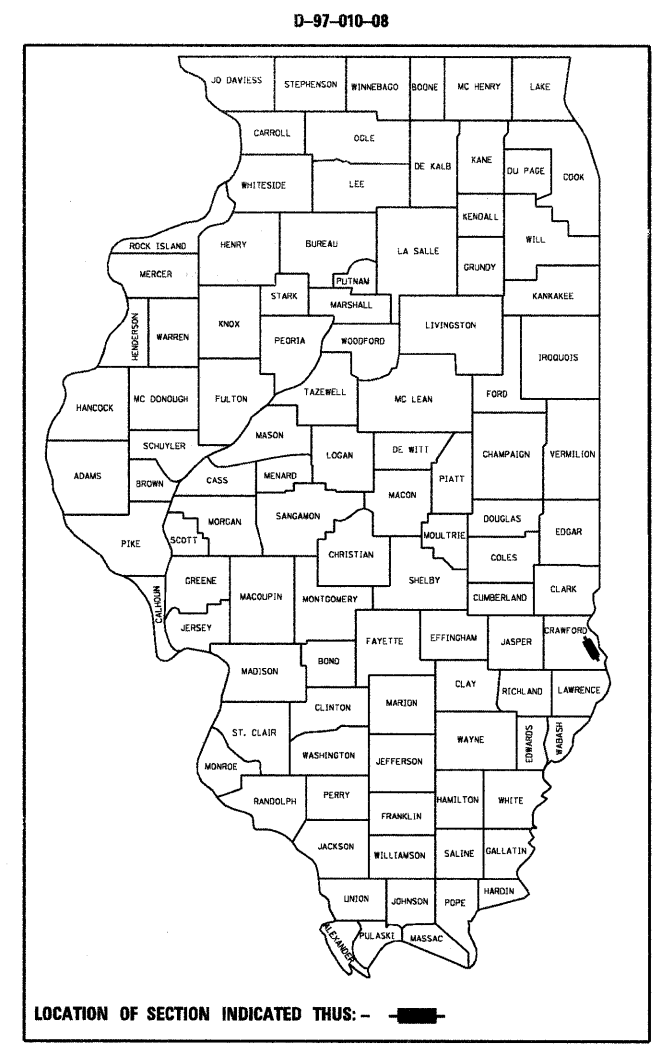
SHEET NO.	TITLE
1	COVER SHEET, INDEX OF SHEETS AND LIST OF STANDARDS
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES & DITCH TYPICAL SECTION
5-6	PLAN & PROFILE SHEET
7	EROSION CONTROL DETAILS
8-15	CROSS-SECTION SHEETS

THE FOLLOWING STANDARDS ARE PART OF THESE PLANS AND ARE INCLUDED FOLLOWING SHEET NUMBER 15:

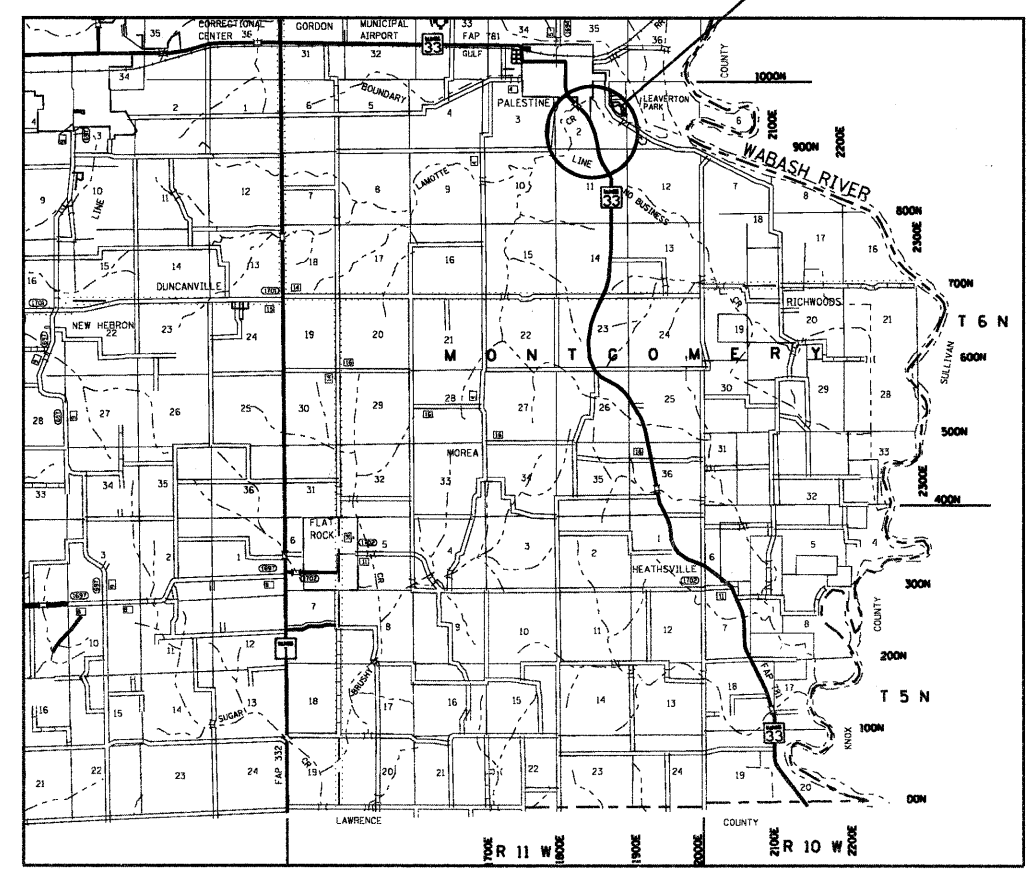
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEM
701001-01	OFF-ROAD OPERATIONS, 2L, 2W MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-02	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701901	TRAFFIC CONTROL DEVICES

STATION EQUATION

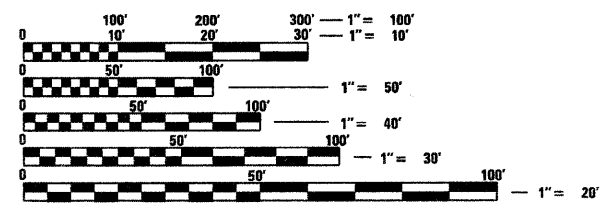
STA. 27+82.6 TO STA. 28+36.9



FAP ROUTE 781 (L. RTE. 33)
SECTION 1081
DITCH CLEANING
CRAWFORD COUNTY
STA. 27+75 TO STA. 35+00



ADT 2005 = 2000



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER GARY WELTON
PROJECT MANAGER MYRA OLTMAN

CONTRACT NO. 74292

GROSS LENGTH = 725 FEET = 0.13 MILES
NET LENGTH = 725 FEET = 0.13 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 6 20 08

Christine M. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 21, 20 08

Eric E. Hamm
ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 20 08

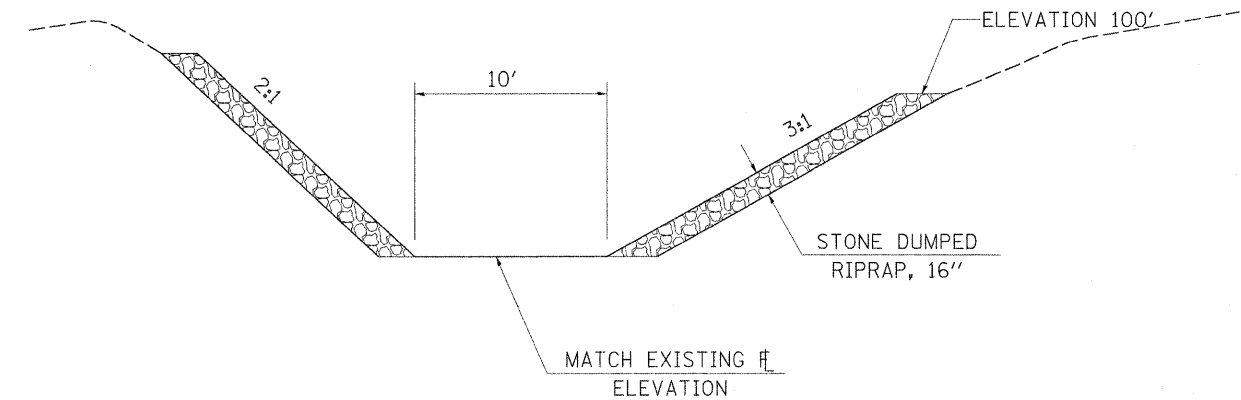
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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SUMMARY OF QUANTITIES			1001 STATE	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	Y009
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	569	569
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	443	443
20200100	EARTH EXCAVATION	CU YD	3891	3891
25000200	SEEDING, CLASS 2	ACRE	0.5	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	49	49
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	49	49
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	49	49
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.1	1.1
25100115	MULCH, METHOD 2	ACRE	0.5	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	55	55
28000300	TEMPORARY DITCH CHECKS	EACH	4	4
28000400	PERIMETER EROSION BARRIER	FOOT	150	150
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	1848	1848
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	14	14
A2002316	TREE, BETULA NIGRA (RIVER BIRCH), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
A2005816	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	14	14
C2003324	SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 2' HEIGHT, BALLED AND BURLAPPED	EACH	13	13

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	OFFSET	QUANTITY
27+58	43' LT	12
28+42	52' LT	13
28+57	70' LT	9
28+63	65' LT	8
28+85	67' LT	11
29+10	67' LT	12
29+35	60' LT	9
30+35	47' LT	9
30+55	55' LT	11
30+60	54' LT	7
30+60	80' LT	9
30+70	56' LT	6
30+75	58' LT	9
30+75	40' LT	12
30+75	40' LT	6
30+80	33' LT	10
30+85	55' LT	7
30+93	54' LT	10
30+95	38' LT	15
31+23	50' LT	6
31+42	50' LT	11
31+53	38' LT	7
31+53	38' LT	12
31+67	38' LT	10
31+67	38' LT	15
31+75	40' LT	8
31+85	38' LT	6
31+86	40' LT	6
32+08	40' LT	13
32+08	80' LT	12
32+08	80' LT	7
32+08	80' LT	9
32+10	80' LT	12
32+10	80' LT	15
32+23	40' LT	7
32+28	80' LT	8
32+40	38' LT	6
32+40	44' LT	11
32+40	47' LT	6
32+55	49' LT	9
32+56	49' LT	8
32+78	39' LT	10
32+79	42' LT	9
32+80	42' LT	14
32+80	42' LT	7
32+90	75' LT	6
32+90	41' LT	15
33+00	75' LT	6
33+25	80' LT	6
33+25	80' LT	6
33+29	64' LT	10
33+33	64' LT	15
33+36	65' LT	12
33+56	75' LT	8
33+56	81' LT	7
33+68	81' LT	8
33+70	81' LT	13
33+85	85' LT	11
34+05	87' LT	8
34+05	87' LT	9
TOTAL		569

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	OFFSET	QUANTITY
27+59	48' LT	26
27+80	57' LT	16
28+47	68' LT	21
28+70	30' LT	24
29+00	30' LT	24
29+18	67' LT	17
29+35	60' LT	24
29+50	71' LT	17
29+85	50' LT	28
30+08	55' LT	18
30+53	53' LT	21
30+93	54' LT	23
31+44	50' LT	22
31+67	80' LT	23
32+02	36' LT	16
33+18	75' LT	40
33+56	81' LT	25
33+70	81' LT	20
33+90	91' LT	20
33+92	85' LT	18
TOTAL		443



TYPICAL DITCH SECTION

EARTHWORK SCHEDULE	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) CU YD	EARTH FILL CU YD	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-) CU YD
27+75.0 TO 28+00.0	12.5	9.4	0.0	9.4
28+00.0 TO 28+50.0	206.2	154.7	0.0	154.7
28+50.0 TO 29+00.0	395.1	296.3	0.0	296.3
29+00.0 TO 29+50.0	366.9	275.1	0.0	275.1
29+50.0 TO 30+00.0	284.4	213.3	0.0	213.3
30+00.0 TO 30+50.0	245.3	184.0	0.0	184.0
30+50.0 TO 31+00.0	247.9	185.9	0.0	185.9
31+00.0 TO 31+50.0	251.4	188.5	0.0	188.5
31+50.0 TO 32+00.0	270.8	203.1	0.0	203.1
32+00.0 TO 32+50.0	308.2	231.2	0.0	231.2
32+50.0 TO 33+00.0	354.0	265.5	0.0	265.5
33+00.0 TO 33+25.0	154.7	116.0	0.0	116.0
33+25.0 TO 33+50.0	119.6	89.7	0.0	89.7
33+50.0 TO 34+00.0	253.1	189.8	0.0	189.8
34+00.0 TO 34+50.0	272.3	204.2	0.0	204.2
34+50.0 TO 35+00.0	148.4	111.3	0.0	111.3
TOTALS	3891.0	2918.0	0.0	2918.0

TREE PLANTING SCHEDULE		
TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED		14
TREE, BETULA NIGRA (RIVER BIRCH), 2" CALIPER, BALLED AND BURLAPPED		13
TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED		13
TREE, CERCIS CANADENSIS (EASTERN REDBUD) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED		14
TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED		13
SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 2' HEIGHT, BALLED AND BURLAPPED		13

STONE DUMPED RIPRAP, CLASS A4, TON			
STATION TO STATION	FEET	TON	
28+00	28+50	50.00	52
28+50	29+00	50.00	131
29+00	29+50	50.00	148
29+50	30+00	50.00	114
30+00	30+50	50.00	92
30+50	31+00	50.00	98
31+00	31+50	50.00	129
31+50	32+00	50.00	169
32+00	32+50	50.00	195
32+50	33+00	50.00	290
33+00	33+25	25.00	239
33+25	33+50	25.00	41
33+50	34+00	50.00	30
34+00	34+50	50.00	61
34+50	35+00	50.00	61
TOTAL			1849

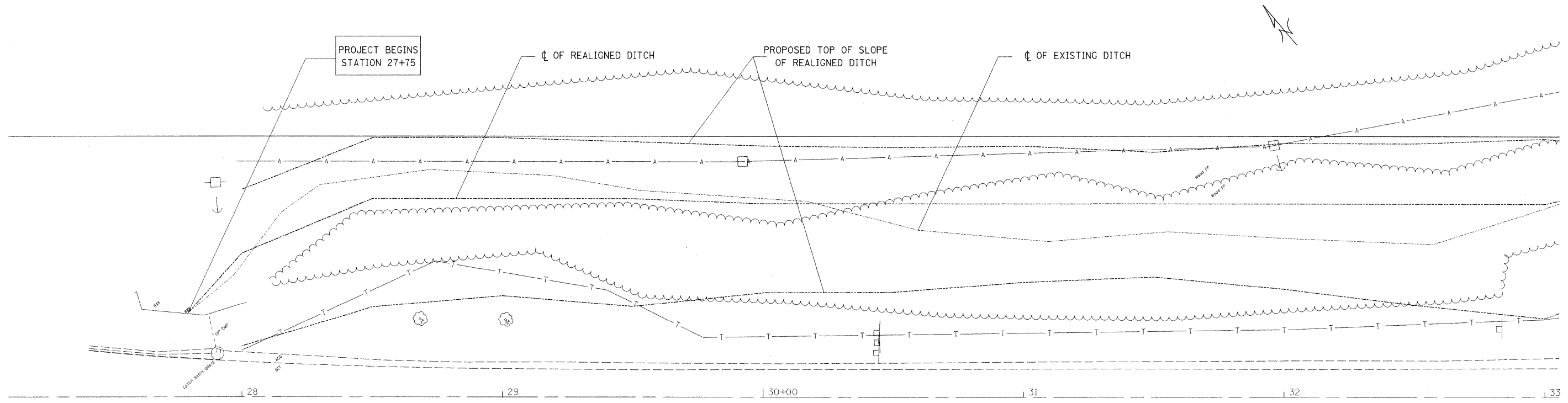
SEEDING SCHEDULE		
SEEDING CLASS 2	0.5	ACRES
NITROGEN FERTILIZER	49	LBS
PHOSPHORUS FERTILIZER NUTRIENT	49	LBS
POTASSIUM FERTILIZER NUTRIENT	49	LBS
AGRICULTURAL GROUND LIMESTONE	1.1	TONS
MULCH METHOD 2	0.5	ACRES
TEMPORARY EROSION CONTROL SEEDING	55	POUND

PERIMETER EROSION BARRIER		
STATION 35+00	150	FOOT

TEMPORARY DITCH CHECKS		
29+50	1	EACH
31+00	1	EACH
32+50	1	EACH
34+00	1	EACH
TOTAL	4	EACH

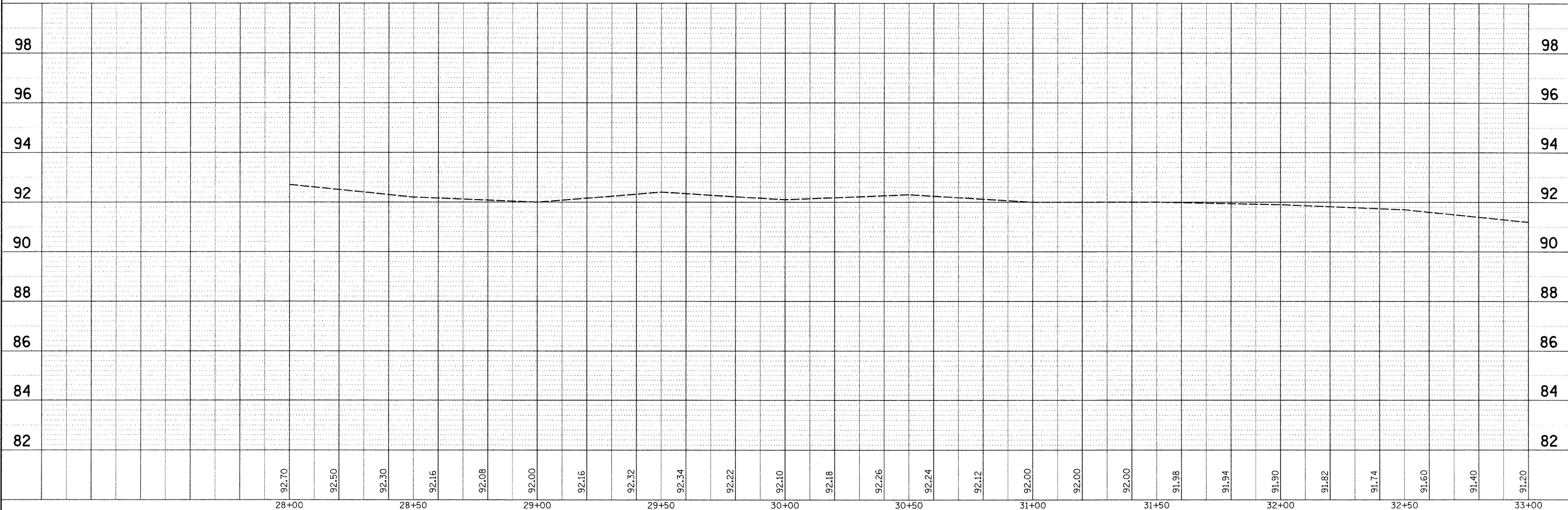
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BM 100 # 5 RE-BAR WITH IDOT CAP
STATION 27+15.15 OFFSET 100' LEFT
ASSUMED ELEVATION 100.00

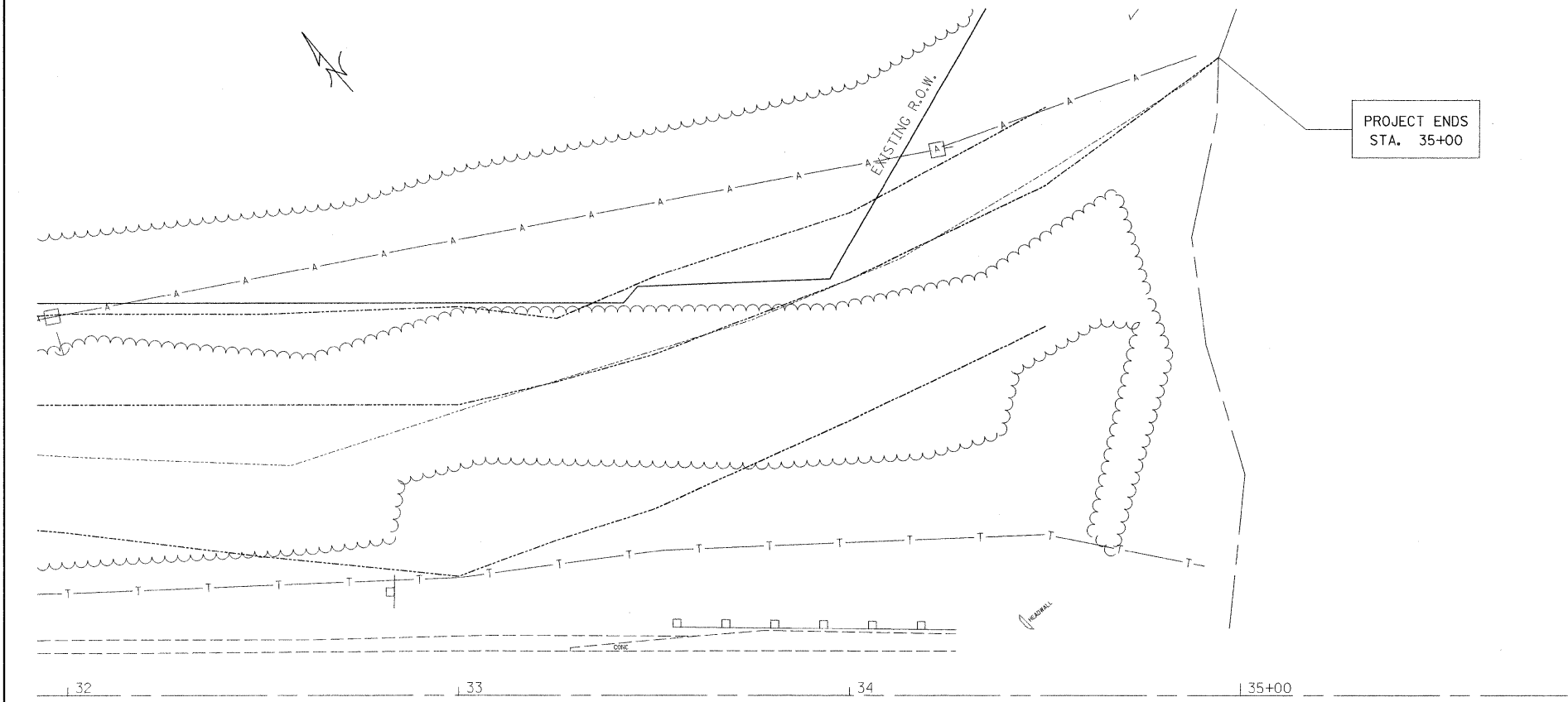
BM 101 # 5 RE-BAR WITH IDOT CAP
STATION 31+26.07 OFFSET 16.21' LEFT
ASSUMED ELEVATION 107.06



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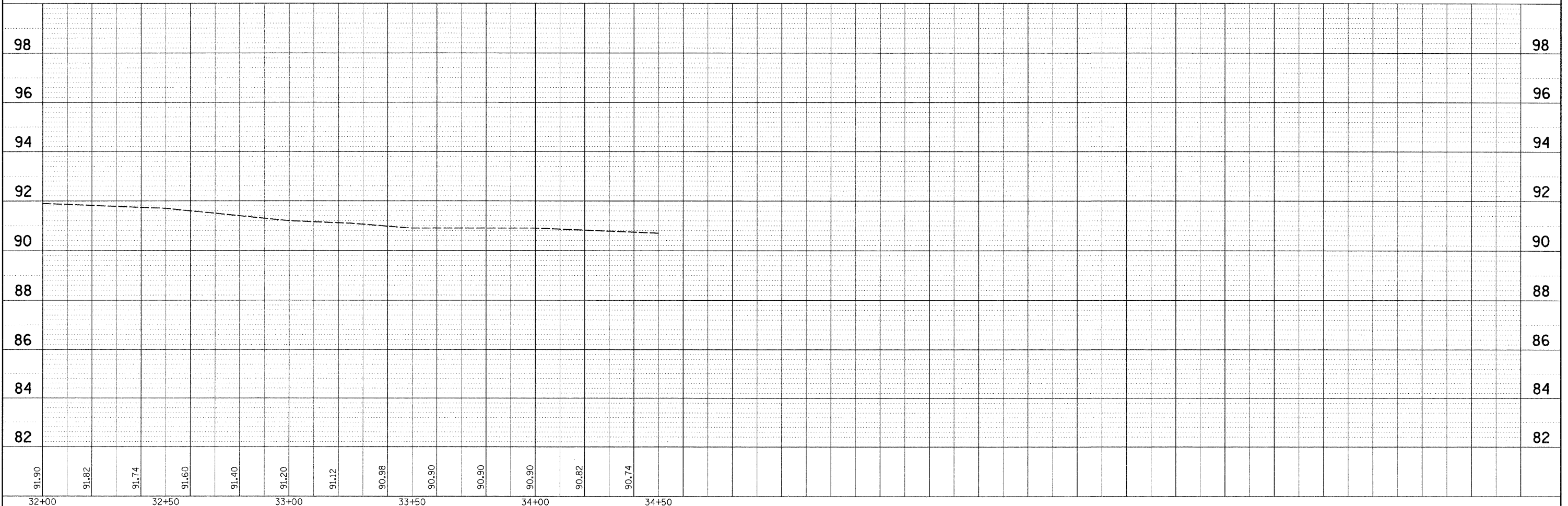
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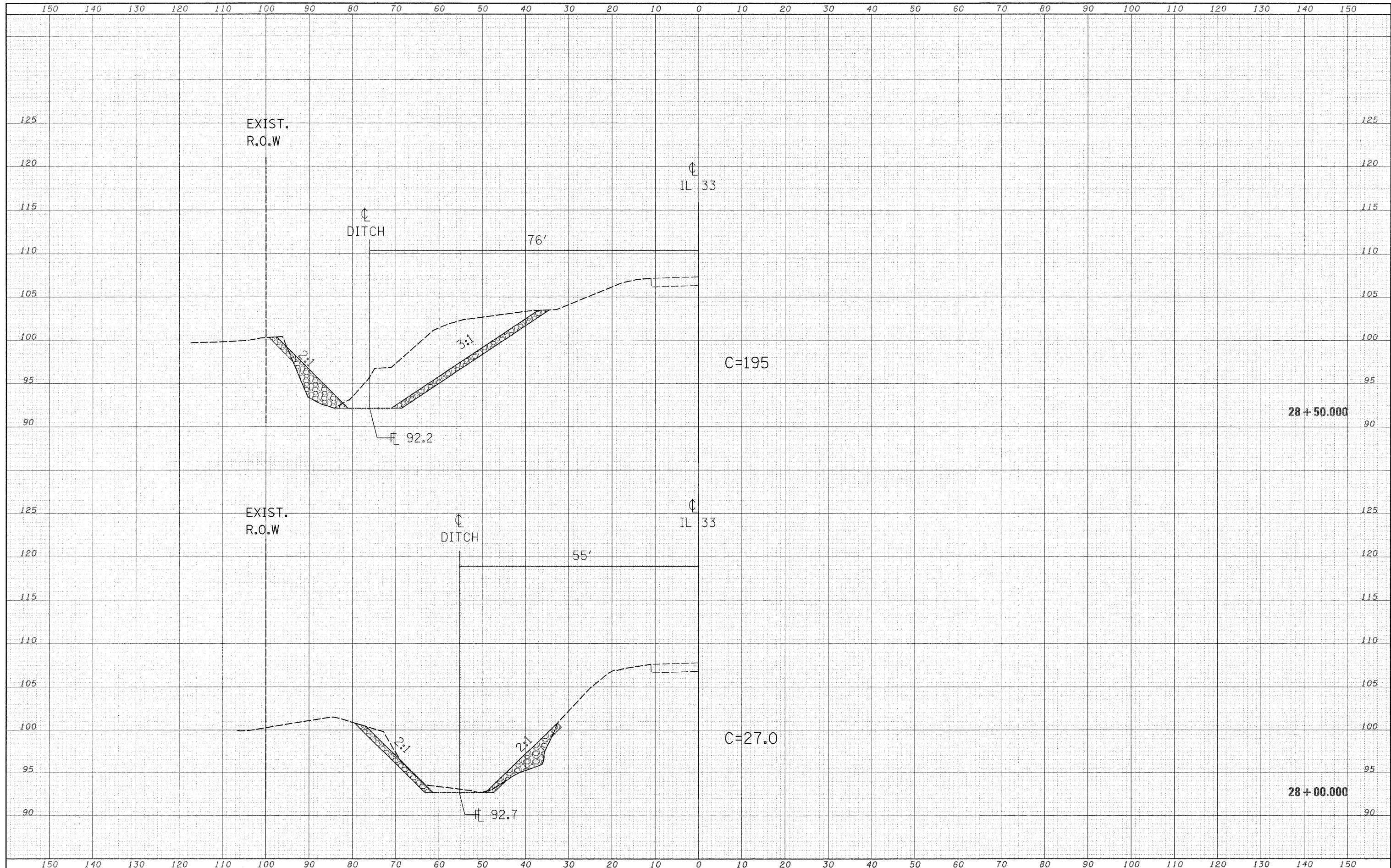
CENTERLINE OF DITCH		
STATION	OFFSET	ELEVATION
28+00	55	92.7
28+50	76	92.2
29+00	76	92.0
29+50	76	92.4
30+00	74	92.1
30+50	74	92.3
31+00	74	92.0
31+50	74	92.0
32+00	74	91.8
32+50	74	91.7
33+00	74	91.2
33+25	80	91.1
33+50	87	90.9
34+00	106	90.9
34+50	130	90.7

DITCH SLOPE OFFSETS		
LEFT	STATION	RIGHT
79.5	28+00	19.7
99.4	28+50	34.5
99.4	29+00	38.8
97.9	29+50	34.7
96.3	30+00	40.0
95.7	30+50	40.2
96.3	31+00	44.0
93.9	31+50	46.0
97.3	32+00	41.4
97.2	32+50	35.3
99.1	33+00	30.4
96.1	33+25	39.5
106.7	33+50	47.5
123.0	34+00	70.0
150.0	34+50	94.0



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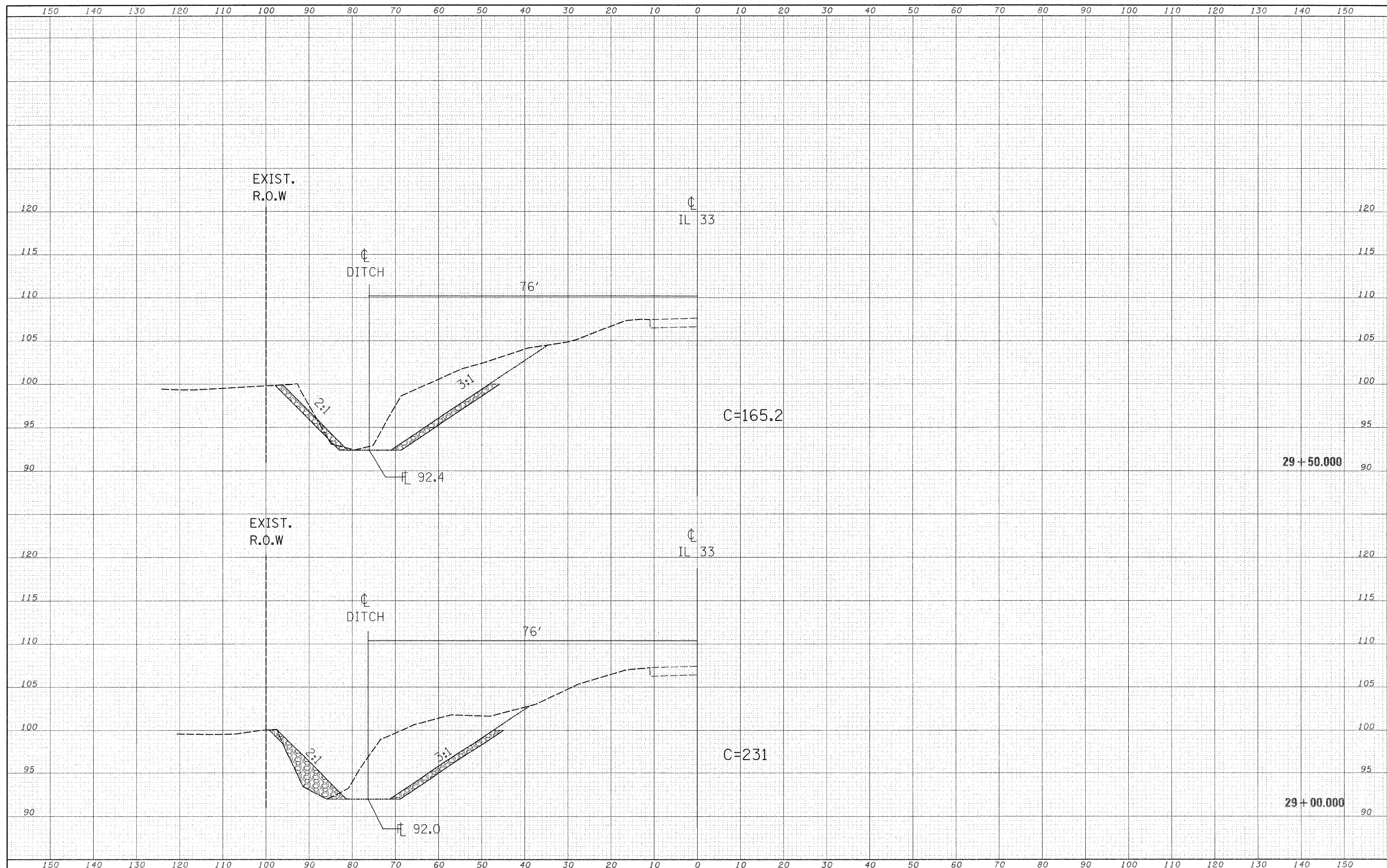
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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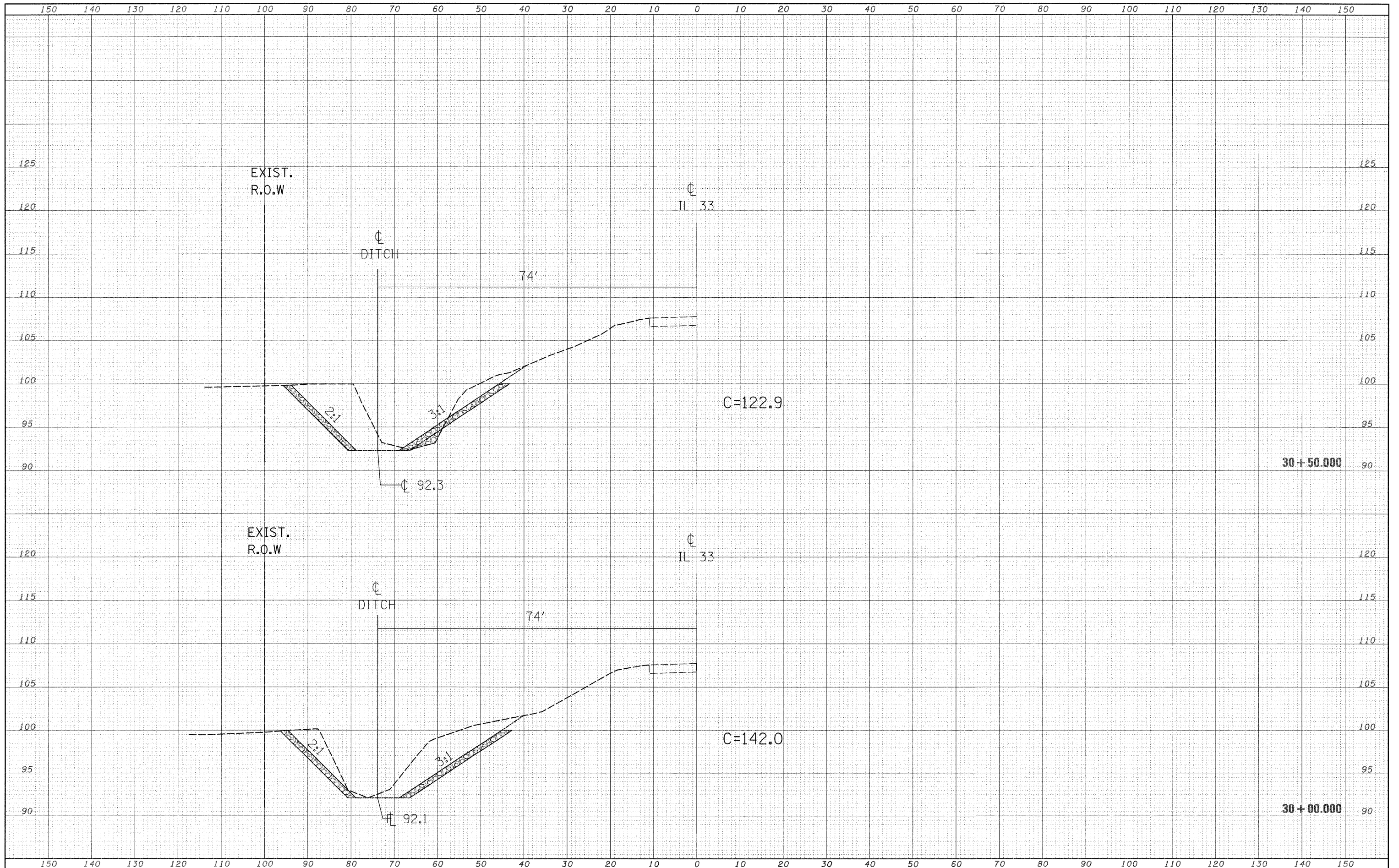
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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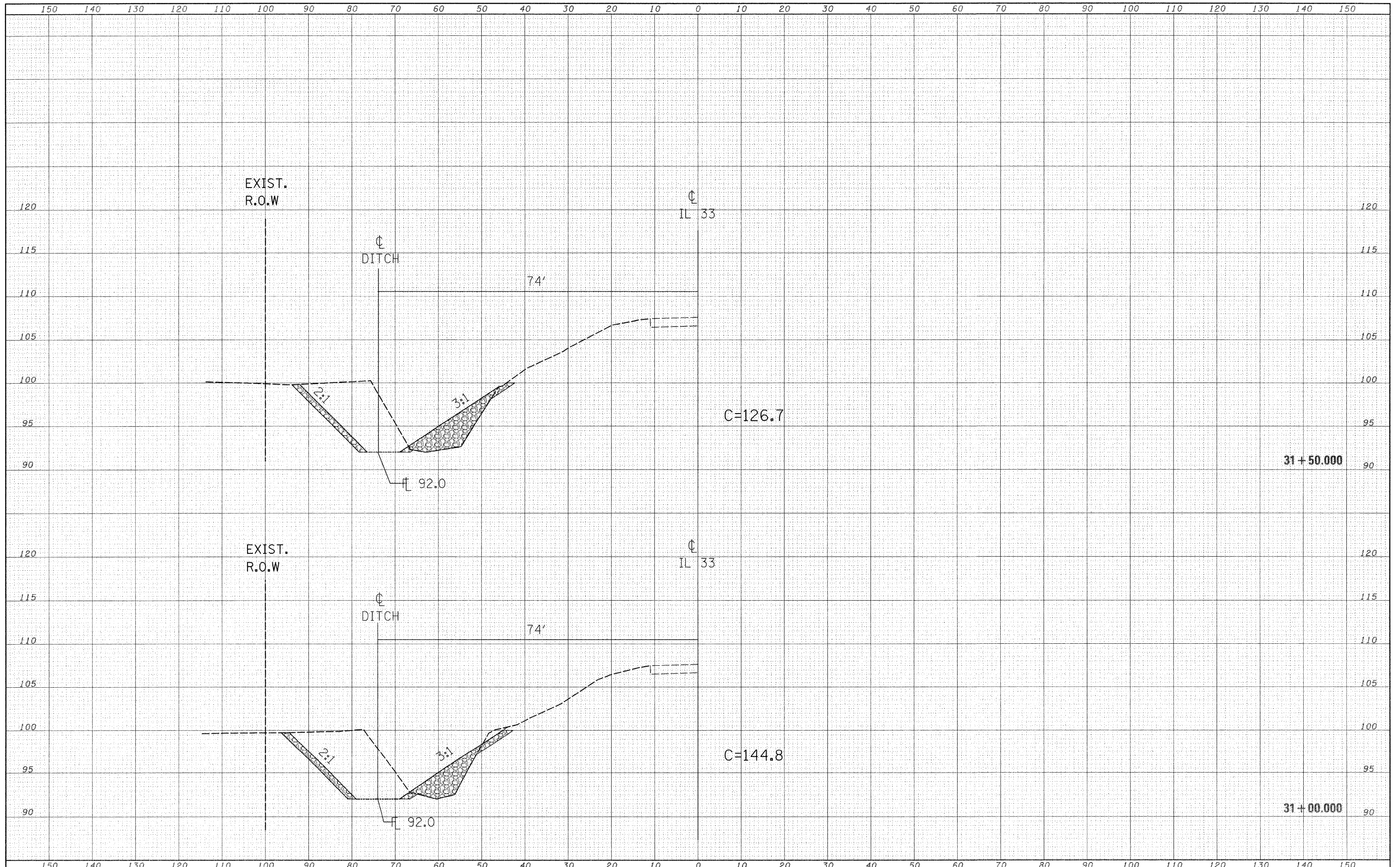
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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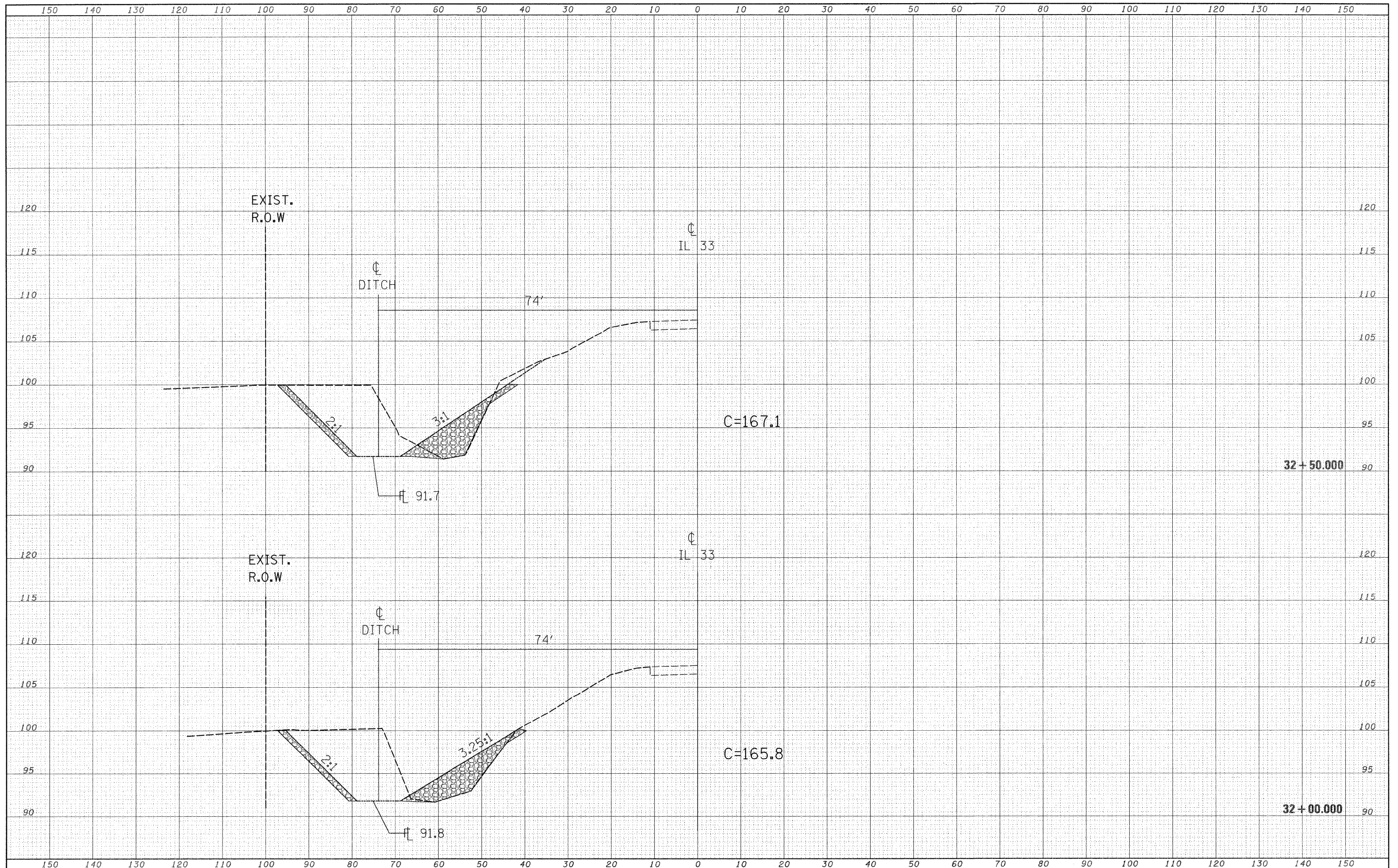
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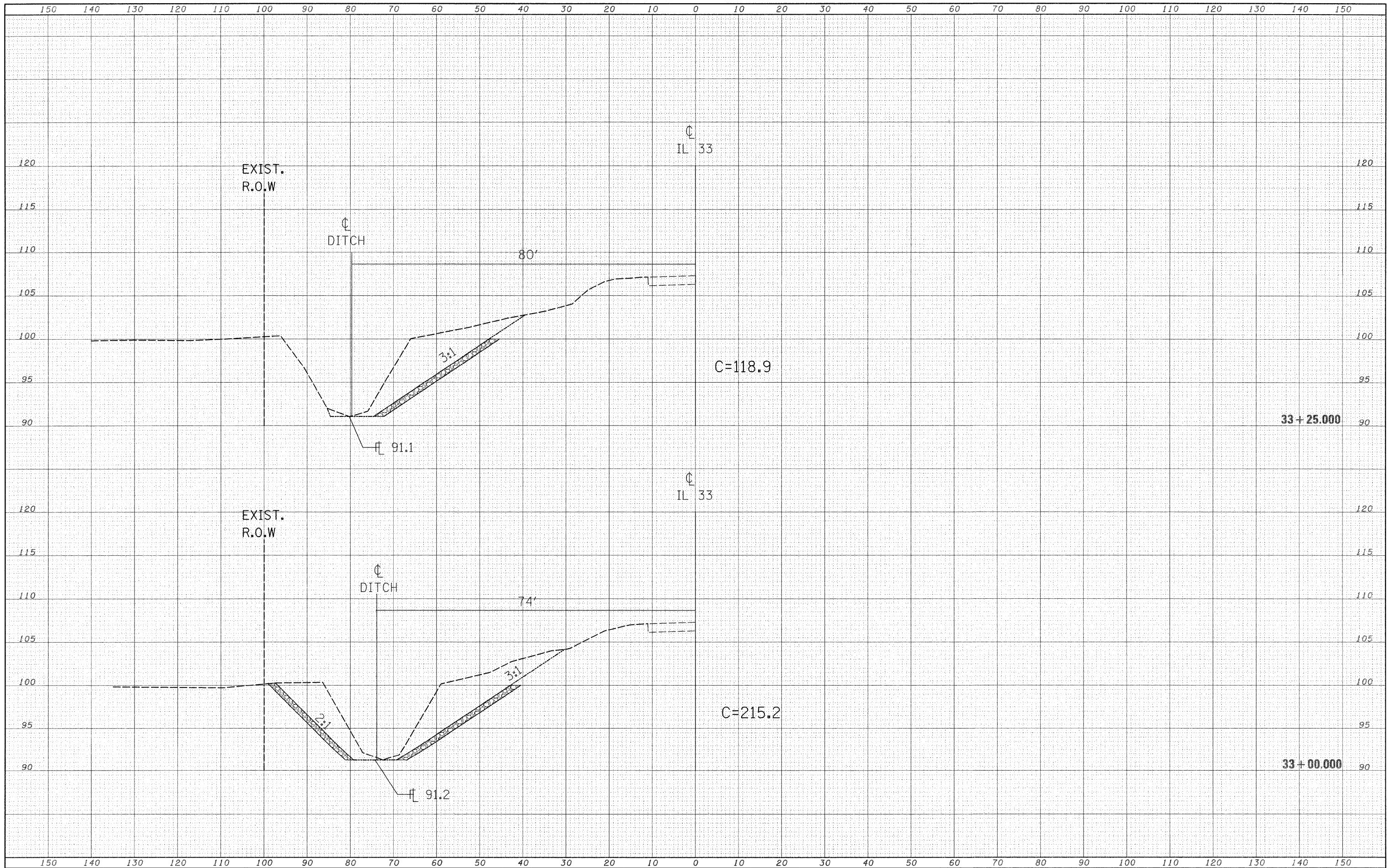
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74292	

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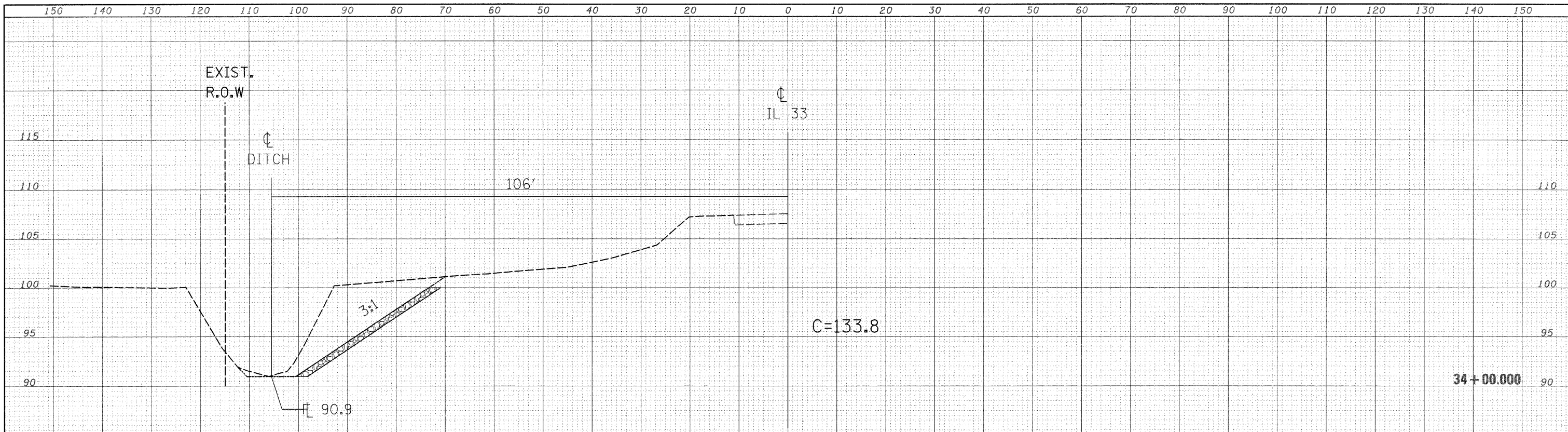
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 DEPARTMENT OF TRANSPORTATION**

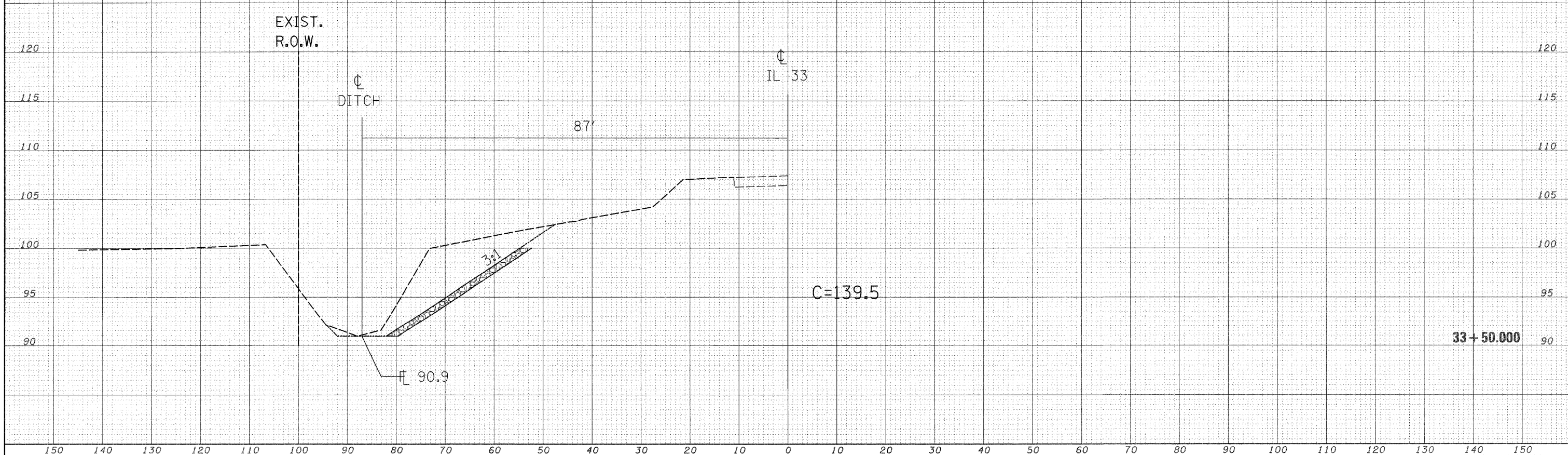
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74292	

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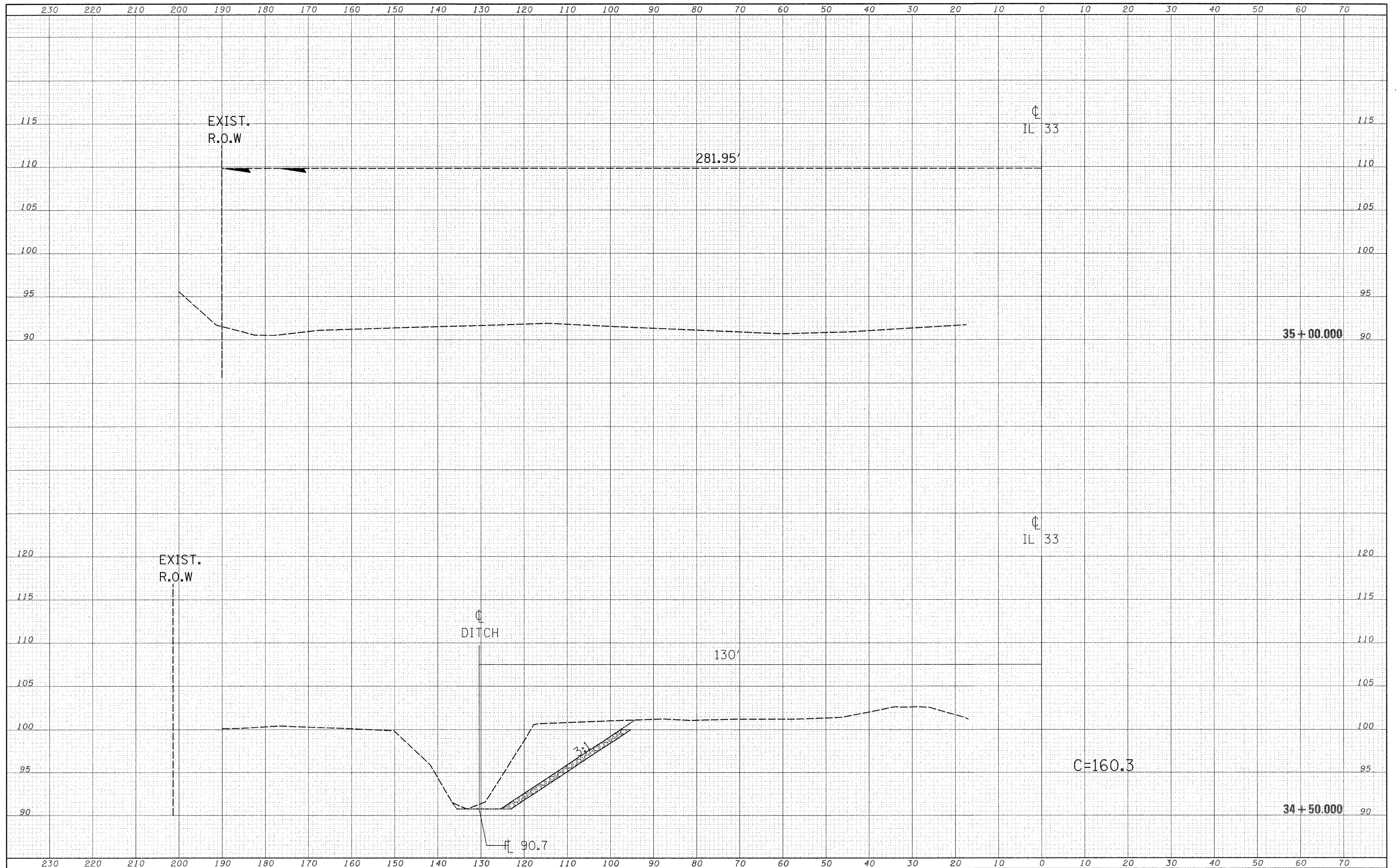
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. 33+50.000 TO STA. 34+00.000

F.A.P. RTE. 781	SECTION 1081	COUNTY CRAWFORD	TOTAL SHEETS 15	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74292	

DATE	
BY	
SURVEYED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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 PLOT DATE = 2/7/2008

DESIGNED - MMO
 DRAWN - MMO
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. 34+50.00 TO STA. 35+00.00

F.A.P. RTE. 781	SECTION 108I	COUNTY CRAWFORD	TOTAL SHEETS 15	SHEET NO. 15
CONTRACT NO. 74292				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				