

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES

LOCATION OF WORK				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				ROADWAY		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000		
20100110	TREE REMOVAL (OVER 6 TO 15 UNITS DIAMETER)	UNIT	134	134		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	17	17		
20100500	TREE REMOVAL, ACRES	ACRE	14.53	14.53		
20200100	EARTH EXCAVATION	CU YD	15,979	15,979		
25000200	SEEDING, CLASS 2	ACRE	5.5	5.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1053	1053		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1053	1053		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1053	1053		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	23.4	23.4		
25001750	SEEDING, CLASS 4 (SPECIAL)	ACRE	6.3	6.3		
25100115	MULCH, METHOD 2	ACRE	10.5	10.5		
25101005	HEAVY DUTY EXCELSIOR BLANKET	SQ YD	3000	3000		
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	125	125		
28000300	TEMPORARY DITCH CHECKS	EACH	68	68		

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SCALE: VERT. HORIZ.
 DATE

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Rev. 9-6-05

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LOCATION OF WORK				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				ROADWAY		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000		
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	165	165		
*78000100	THERMOPLASTIC PAVEMENT MARKING, - LETTERS AND SYMBOLS	SQ FT	111	111		
*78000300	THERMOPLASTIC PAVEMENT MARKING, - LINE 5"	FOOT	1,624	1,624		
*78000500	THERMOPLASTIC PAVEMENT MARKING, - LINE 8"	FOOT	374	374		
*78000600	THERMOPLASTIC PAVEMENT MARKING, - LINE 12"	FOOT	164	164		
X0300626	CURB AND GUTTER REMOVAL	FOOT	75	75		
X3550500	BITUMINOUS BASE COURSE, SUPERPAVE, 8"	SQ YD	41	41		
X4032500	BITUMINOUS MATERIALS (COVER AND SEAL COATS), SPECIAL	GALLON	1,060	1,060		
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	1,577	1,577		
X4040100	SEAL COAT AGGREGATE, SPECIAL	TON	140	140		
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	1,051	1,051		
Z0005000	BITUMINOUS MIXTURE FOR PATCHING POTHOLES (COLD MIX)	TON	60	60		
Z0007800	BUMPER BLOCKS	EACH	18	18		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
*X0325056	FURNISH AND INSTALL POND LINER	SQ YD	3571	3571		
*X0325057	DRILLING AND INSTALLING WATER WELL	EACH	1	1		

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Rev. 9-6-05 *SPECIALTY ITEMS

TREE REMOVAL SCHEDULE			
LOCATION (STA, OFFSET or STA TO STA)	TREE REMOVAL 6" TO 15" DIA	TREE REMOVAL > 15" DIA	TREE REMOVAL (ACRE)
<u>SAND RIDGE ROAD</u>			
STA. 20+12.33 TO STA. 33+00.00	-	-	1.24
STA. 33+00.00 TO STA. 48+00.00	-	-	1.67
STA. 48+00.00 TO STA. 63+00.00	-	-	1.85
STA. 63+00.00 TO STA. 78+00.00	-	-	1.9
STA. 78+00.00 TO STA. 93+00.00	-	-	1.64
STA. 93+00.00 TO STA. 108+00.00	-	-	1.68
STA. 108+00.00 TO STA. 123+00.00	-	-	1.66
STA. 123+00.00 TO STA. 138+00.00	-	-	1.77
STA. 138+00.00 TO STA. 150+00.00	-	-	1.12
<u>SAND RIDGE ROAD BORROW PIT</u>			
STA. 202+71.36 @ 116.47' RT	6	-	-
STA. 202+73.67 @ 93.26' RT	6	-	-
<u>SAND RIDGE ROAD BORROW PIT</u>			
STA. 10+70.85 @ 15.42' LT	9	-	-
STA. 11+00.83 @ 50.52' RT	12	-	-
STA. 11+52.21 @ 48.88' RT	13	-	-
STA. 11+52.78 @ 164.41' LT	12	-	-
STA. 11+56.61 @ 159.40' LT	10	-	-
STA. 11+59.70 @ 16.03' LT	-	-	-
STA. 11+60.38 @ 1.44' LT	8	-	-
STA. 11+61.77 @ 73.13' LT	-	17	-
STA. 12+23.96 @ 172.35' LT	7	-	-
STA. 12+88.02 @ 40.78' LT	9	-	-
STA. 13+31.28 @ 4.33' LT	6	-	-
STA. 13+35.70 @ 1.00' RT	7	-	-
STA. 13+46.42 @ 135.72' LT	10	-	-
STA. 13+66.08 @ 52.21' LT	10	-	-
STA. 13+66.32 @ 52.39' LT	9	-	-
STA. 13+71.64 @ 31.33' LT	-	-	-
TOTAL =	134	17	14.53

EARTHWORK SCHEDULE					
LOCATION (STATION TO STATION)	EARTH EXCAV. (CU YD)	EMBANK. (CU YD)	EMBANK. X 1.25 (CU YD)	WASTE (BOR.) (CU YD)	ACC. W/(B) (CU YD)
<u>SAND RIDGE ROAD</u> STA 20+12.33 TO STA 148+50.00	8484	12783	15979	(7495)	-7495
<u>WETLAND MITIGATION POND</u> STA 200+20 TO STA 203+85.38	6998	0	0	6998	497
SUB-TOTAL=	15482	12783	15979	(497)	497
<u>BORROW PIT (EST.)</u> STA 10+00.00 TO STA 14+00.00	497	0	0	(497)	0
TOTAL=	15979	12783	15979	0	0

NOTES:

- THE ABOVE SCHEDULE CONSIDERS A SHRINKAGE OF 20% TO DETERMINE THE AMOUNT OF WASTE OR BORROW REQUIRED (SHRINKAGE FACTOR = 1 / (1.0 - 0.2) = 1.25).
- ALL EXCAVATION WILL BE REQUIRED TO BE USED AS EMBANKMENT BY THE ENGINEER AND APPROVED BY IDNR.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR HAULING OR COMPACTING THE MATERIAL.
- A BORROW SITE ON THIS IDNR SITE HAS BEEN DESIGNATED TO BE USED TO OBTAIN THE NECESSARY ADDITIONAL MATERIAL REQUIRED FOR EMBANKMENT. THE DETAILS IN THE PLANS SHOWS CONTOURS OF A FUTURE POND. THE CONTRACTOR SHALL ONLY EXCAVATE THE AMOUNT OF MATERIAL NEEDED FOR EMBANKMENT ON THIS PROJECT.
- THE NECESSARY EXCAVATION, HAULING, AND EMBANKMENT OF THE MATERIAL FROM THE BORROW SITE WILL BE PAID FOR AT THE CONTRACT UNIT BID PRICE PER CUBIC YARD FOR "EARTH EXCAVATION."

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BITUMINOUS SURFACE TREATMENT, A-3				
LOCATION	BIT. MAT. (PRIME COAT) (TON)	BIT. MAT. (COVER AND SEAL COAT) (TON)	COVER COAT AGG (TON)	SEAL COAT AGG (TON)
<u>SAND RIDGE ROAD</u>				
STA 20+12.33 TO STA 185+50.12	53.9	161.7	756.0	378.0
HUNTER PARKING AREA NO. 1	1.0	2.8	13.0	6.5
HUNTER PARKING AREA NO. 2	0.6	1.7	8.0	4.0
HUNTER PARKING AREA NO. 3	0.4	1.2	5.7	2.9
HUNTER PARKING AREA NO. 4	1.0	3.0	13.8	6.9
HUNTER PARKING AREA NO. 5	0.8	2.5	11.8	5.9
HUNTER PARKING AREA NO. 6	0.5	1.4	6.6	3.3
TOTAL =	58.2	174.3	814.9	407.5

PIPE CULVERT, END SECTION, DELINEATOR, & INLET SCHEDULE						
LOCATION	PIPE CULVERTS		END SEC		DELIN. S. -WHITE CRYSTAL (EACH)	ADJUST INLETS (EACH)
	TYPE 1-15 CS, AA (FOOT)	TYPE 1-18" RCCP (FOOT)	METAL 15" (EACH)	PRC FL 18" (EACH)		
	<u>SAND RIDGE ROAD & HUNTER PARKING</u>					
STA 25+00		30.0		2	2	
RT STA 26+79.45	44.0					
STA 35+00		30.0		2	2	
RT STA 42+00	49.0					
STA 43+00		30.0		2	2	
LT STA 43+36.16	48.0					
LT STA 54+76.53	44.0					
RT STA 56+56.32	50.0		2			
STA 57+00		30.0		2	2	
STA 67+00		30.0		2	2	
STA 78+00		30.0		2	2	
LT STA 79+01.66	50.0					
RT STA 82+28.77	55.0					
STA 89+00		30.0		2	2	
STA 95+00		30.0		2	2	
STA 101+00		30.0		2	2	
STA 110+00		30.0		2	2	
STA 116+00		30.0		2	2	
STA 121+00		30.0		2	2	
RT STA 121+76.00	50.0		2			
STA 135+00		30.0		2	2	
STA 145+00		30.0		2	2	
STA 176+70		30.0		2	2	
<u>JAKE WOLF FISH HATCHERY PARKING AREA</u>						
STA. 5+16.17 @ 27.85' LT						1
STA. 5+93.04 @ 26.09' RT						1
STA. 6+84.74 @ 25.41' RT						1
TOTAL =	390.0	450.0	4	30	30	3

ESTIMATED QUANTITIES		
ITEMS	UNIT	TOTAL
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR REPAIR OF HAUL ROADS (SEE SPECIAL PROVISIONS)		
BITUMINOUS MIXTURE FOR PATCHING POTHoles (COLD MIX)	TON	60
BITUMINOUS MATERIALS (COVER AND SEAL COATS), SPECIAL	GALLON	1060
SEAL COAT AGGREGATE, SPECIAL	TON	140

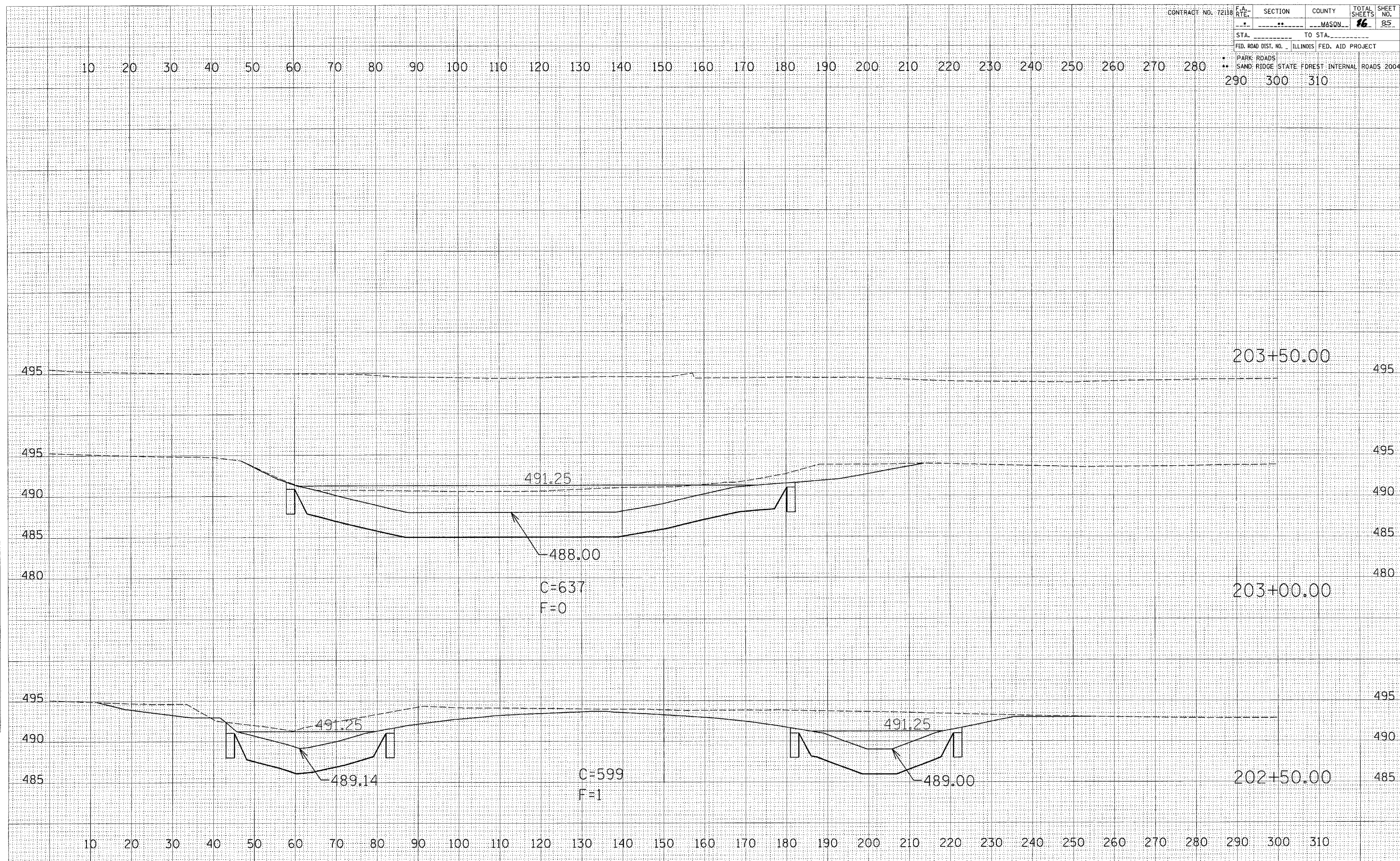
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CONTRACT NO. 72118	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			MASON	16	85
STA.	TO STA.				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
	PARK ROADS	SAND RIDGE STATE FOREST	INTERNAL ROADS	2004	
	290	300	310		

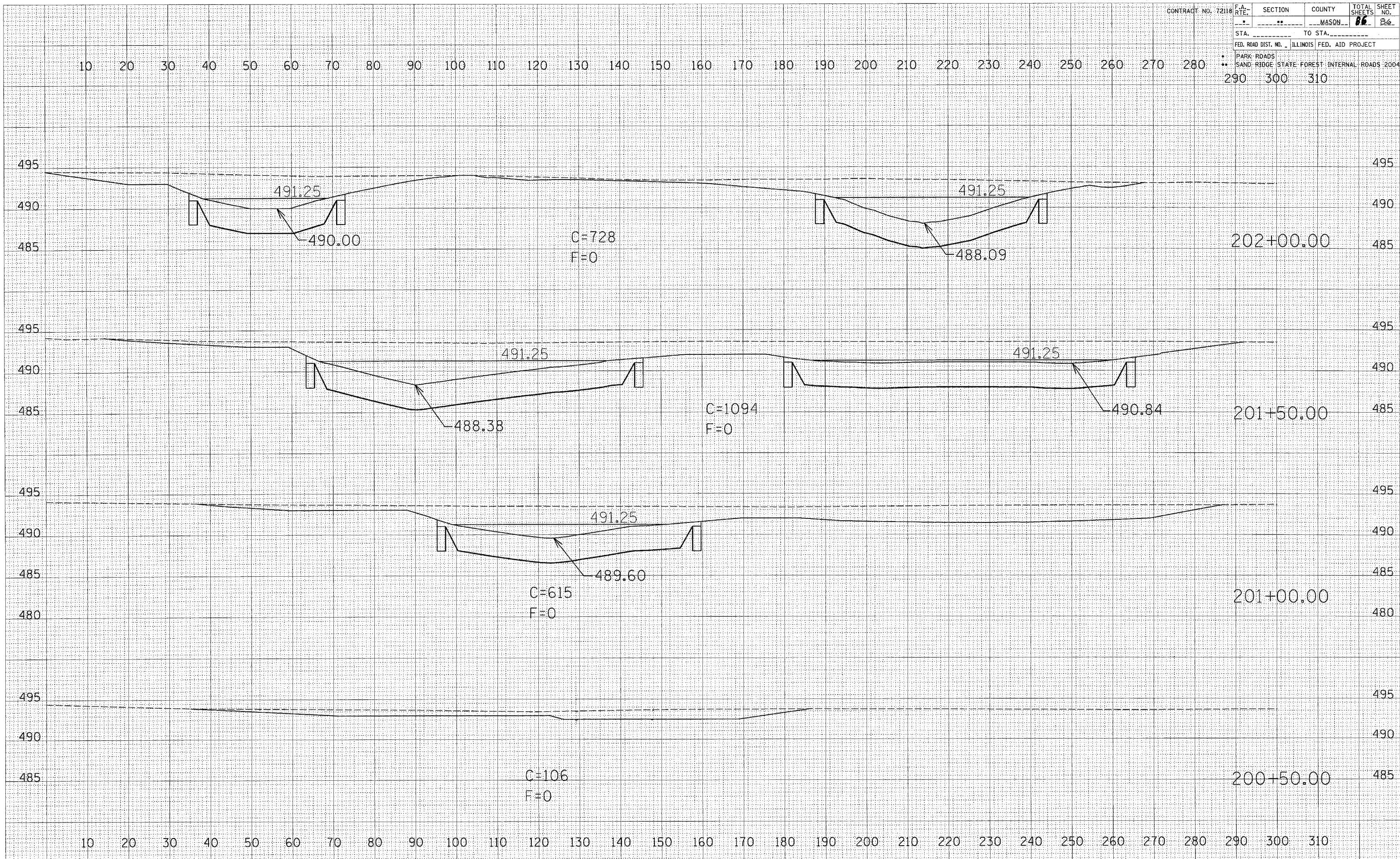
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BY	
FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	



WETLAND MITIGATION POND

CONTRACT NO. 72118		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		**	MASON		86	86
STA. _____		TO STA. _____				
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT				
* PARK ROADS						
** SAND RIDGE STATE FOREST INTERNAL ROADS 2004						
290	300	310				



WETLAND MITIGATION POND

FINAL SURVEY SURVEYED PLOTTED TEMPLATE NOTE BOOK AREAS CHECKED

ORIGINAL SURVEY SURVEYED PLOTTED TEMPLATE NOTE BOOK AREAS CHECKED