INDEX OF SHEETS

SHEET NO TITLE

COVER SHEET, INDEX OF SHEETS AND LIST OF STANDARDS

GENERAL NOTES

SUMMARY OF QUANTITIES

SCHEDULE OF QUANTITIES & DITCH TYPICAL SECTION

PLAN & PROFILE SHEET 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 280001-04

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STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

701001-01

TEMPORARY EROSION CONTROL SYSTEM

701006-02

OFF-ROAD OPERATIONS, 2L, 2W MORE THAND 15' AWAY OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE

701201-02

LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS >- 45 MPH LANE CLOSURE 2L. 2W MOVING OPERATIONS - DAY ONLY

701311-02 701901

TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

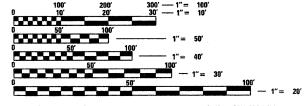
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

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

STATION EQUATION STA. 27 + 82.6 TO STA. 28 + 36.9

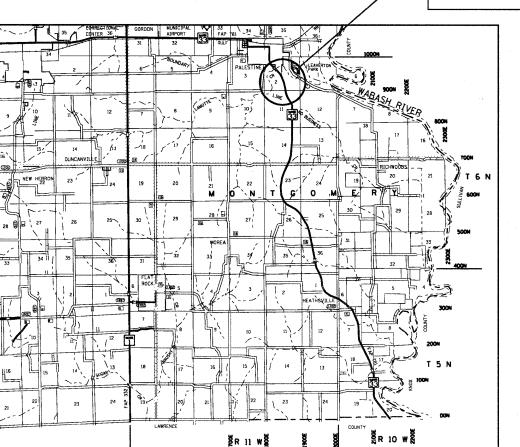
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FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER GARY WELTON PROJECT MANAGER MYRA OLTMAN FAP ROUTE 781 (L. RTE. 33) SECTION 1081 DITCH CLEANING CRAWFORD COUNTY STA. 27+75 TO STA. 35+00



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

781 1081 CRAWFORD ILLINOIS CONTRACT NO. 74292 FED. ROAD DIST. NO.

D-97-010-08



DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS** SUBMITTED February 6 March 21, 20 08 Eriz E. Harn/B)
Intern Engineer of Design and Environment Christine M. Reed (KD)

STATE OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CONTRACT NO. 74292

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2008, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THIS PROJECT IS LOCATED ALONG ILL ROUTE 33 IN PALESTINE FROM VINCENNES STREET TO LAMOTTE CREEK. FROM STATION 28+00 TO STATION 35+00. THE WORK INCLUDED IN THIS SECTION CONSISTS OF EARTH EXCAVATION AND PLACEMENT, RIPRAP, SEEDING, TREE REMOVAL AND REPLACEMENT AND OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL DISTURBANCES TO THIS SITE WILL BE KEPT TO A MINIMUM.

FILTER FABRIC AND BEDDING WILL NOT BE REQUIRED FOR PLACEMENT OF THE STONE DUMPED RIPRAP.

IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS, TEMPORARY OR PERMANENT SEEDING, MULCH, PERIMETER EROSION BARRIER AND TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED IMMEDIATELY UPON COMPLETION OF THE EARTHWORK PAY ITEMS IN THE DITCH. TEMPORARY DITCH CHECKS MAY BE REQUIRED BEFORE COMPLETION OF THE PAY ITEMS AT THE DIRECTION OF THE ENGINEER.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE TREES LISTED IN THE TREE SCHEDULE SHALL BE HAND PLANTED AT LOCATIONS AS INDICATED BY PATRICIA SCHOFIELD, PRESIDENT, VILLAGE OF PALESTINE, 301 S MAIN, PALESTINE, ILLINOIS 62451, ON PUBLIC RIGHT OF WAY, WITHIN THE VILLAGE LIMITS OF PALESTINE. THE CONTRACTOR WILL BE REQUIRED TO GIVE TWO WEEKS NOTICE TO SCHEDULE TIME FOR THESE LOCATIONS TO BE STAKED. IN ADDITION, TWO WEEKS NOTICE SHALL BE GIVEN TO ROADSIDE MAINTENANCE TECHNICIAN, TOM WILSON (217) -342-8270 TO SCHEDULE A DELIVERY DATE OF THE TREES TO THE JOBSITE AND ON DELIVERY DAY HE WILL INSPECT FOR ACCEPTANCE, THE PLANTING MATERIAL LISTED IN THE TREE PLANTING SCHEDULE.

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	F							COUNTY	TOTAL	SHEET NO.
		GE	NERAL NO	IES		781	108[CRAWFORD	15	2
	·							CONTRAC	T NO.	74292
SCALE: N/A	SHEET NO.	0F	SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO. ILLINOIS FE	D. AID PROJECT		

	SUMMARY OF QUANTITIES		1001, STATE	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT	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

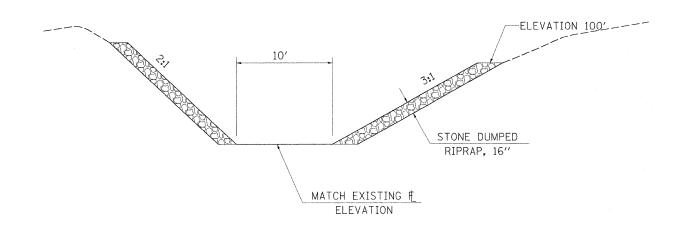
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STATION	OFFSET	QUANTITY
27+58	43' LT	12
28+42	52' LT	13
28+57	70' LT	9
28+63	65' LT	8
28+85	67' LT	11
29+10	67' LT	12
29+35	60' LT	9
30+35	47' LT	9
30+55	55' LT	11
30+60	54' LT	7
30+60	80' LT	9
30+70	56' LT	6
30+75	58' LT	9
30+75	40' LT	12
30+75	40' 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
	50' LT	11
31+42		7
31+53		
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

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

TREE REM	OVAL (OVER 15 UN	VITS DIAMETER)
STATION	OFFSET	QUANTIT
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

EARTHWORK SCHEDULE	E EARTH EXCAVATION	C EARTH EXCAVATION ADJUSTED → FOR SHRINKAGE (25%)	C EARTH FILL	E EARTHWORK BALANCE,
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



TYPICAL DITCH SECTION

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" CALIF	ER, BALLED AND BURLAPPED 13			
TREE, CERCIS CANADENSIS (EASTERN REDBUD) 2" CALIF	ER, TREE FORM, BALLED AND BURLAPPED 14			
TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIF	ER, BALLED AND BURLAPPED 13			
SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL),	2' HEIGHT, BALLED AND BURLAPPED 13			

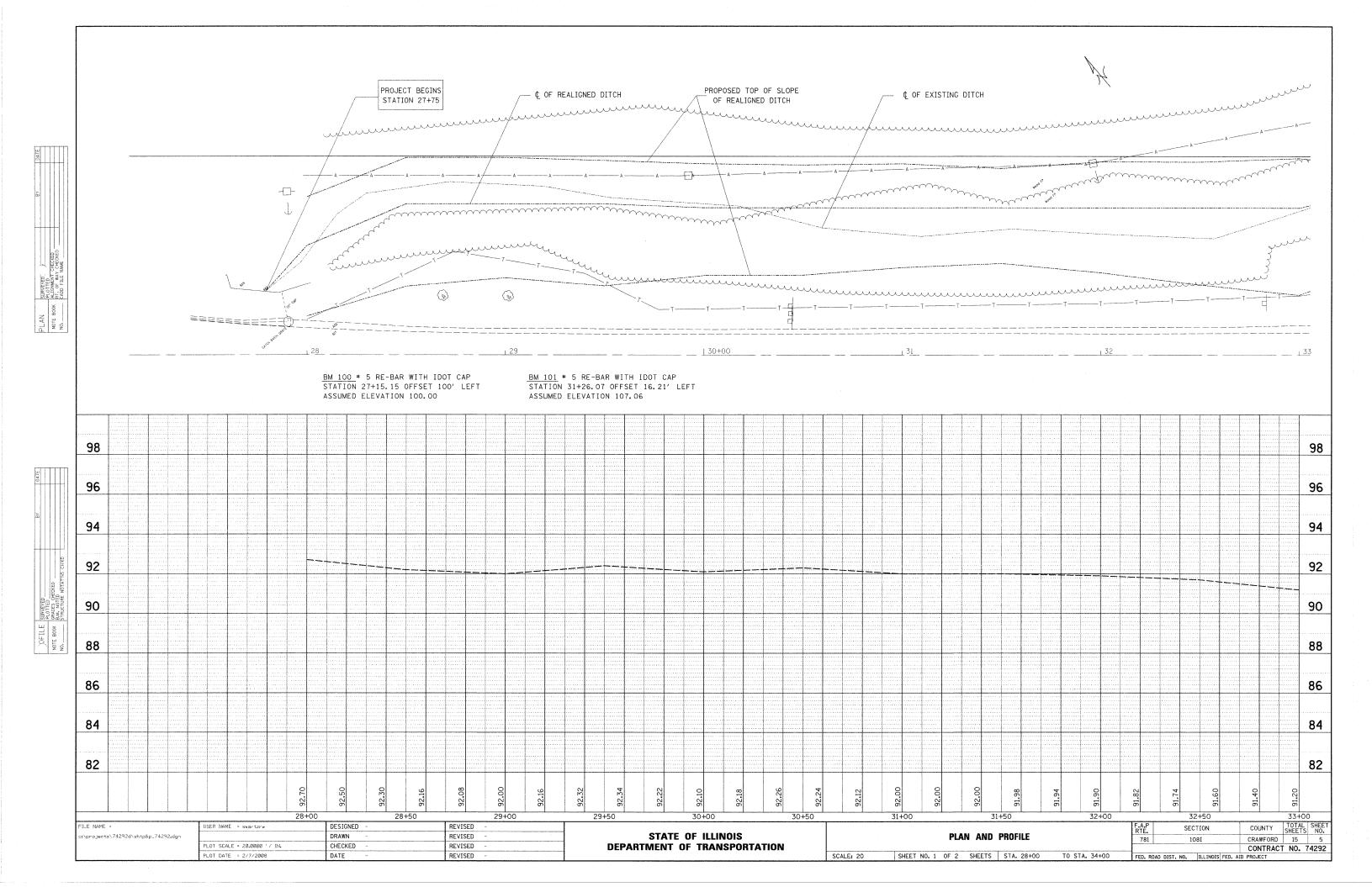
STONE	DUMPED RI	PRAP, CLASS A	44, TON
STATION TO	STATION	FEET	TON
28+00	28+50	50.00	52
28+50	29+00	50.00	131
29+00	29+50	50.00	148
29+50	30+00	50.00	114
30+00	30+50	50.00	92
30+50	31+00	50.00	98
31+00	31+50	50.00	129
31+50	32+00	50.00	169
32+00	32+50	50.00	195
32+50	33+00	50.00	290
33+00	33+25	25.00	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

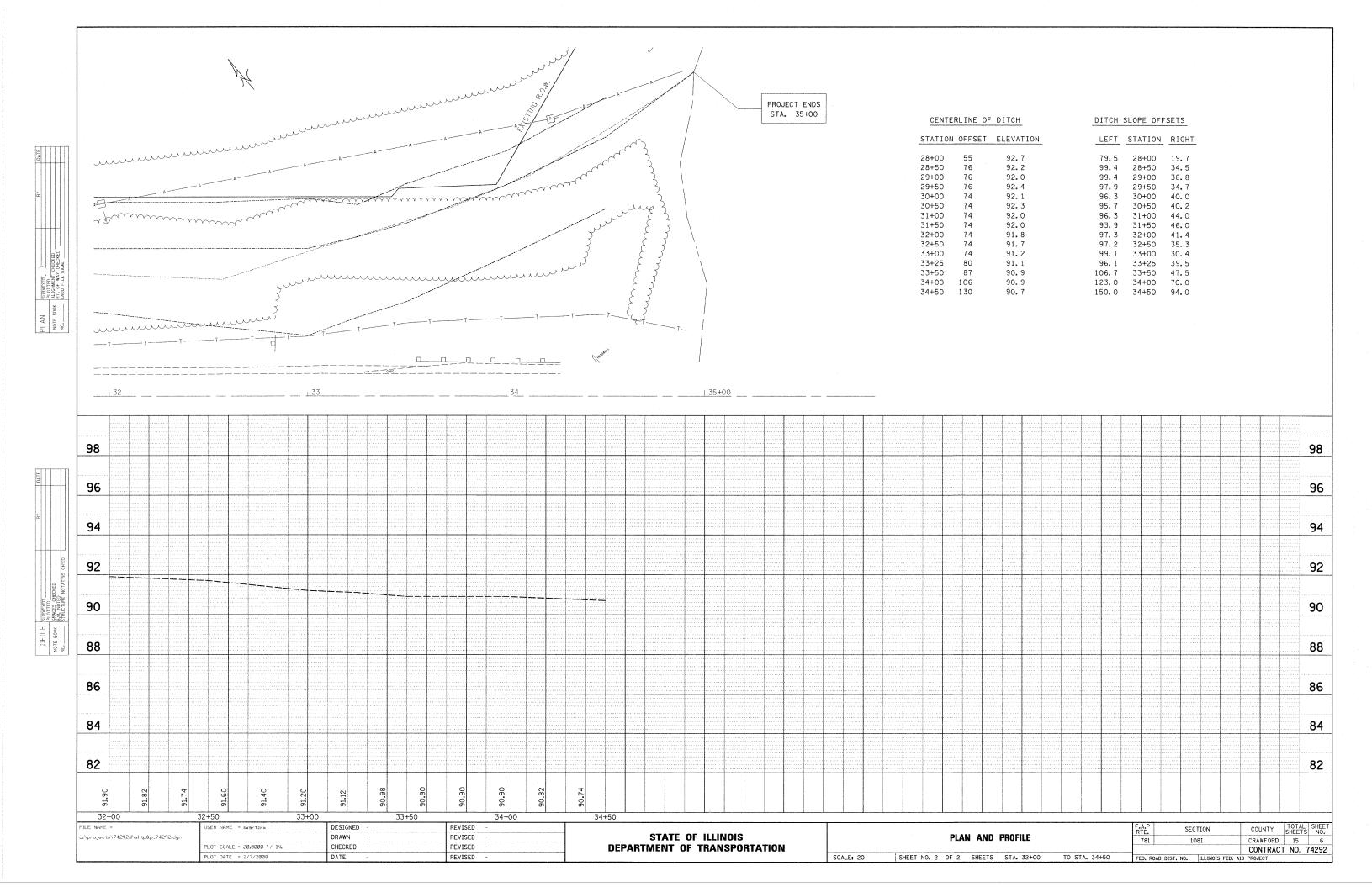
SEEDING SCHEDULE			
SEEDING CLASS 2	0.5	ACRES	
NITROGEN FERTILIZER	49	LBS	
PHOSPHORUS FERTILIZER NUTRIENT	49	LBS	
POTASSIUM FERTILIZER NUTRIENT	49	LBS	
AGRICULTURAL GROUND LIMESTONE	1.1	TONS	
MULCH METHOD 2	0, 5	ACRES	
TEMPORARY EROSION CONTROL SEEDING	55	POUND	

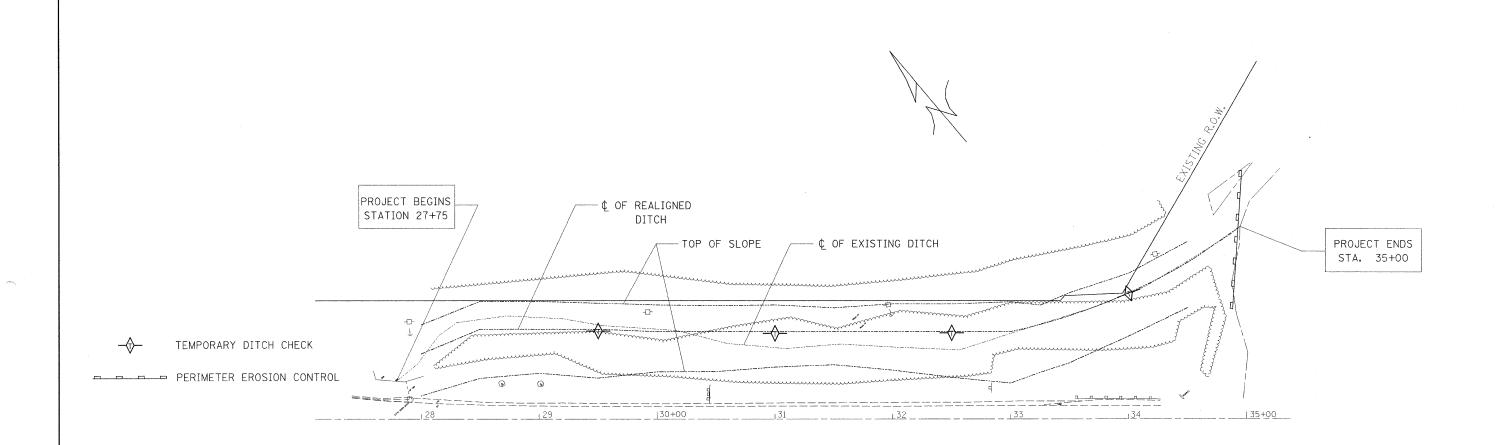
PERIMET	ER EROSION	BARRIER	
STATION 35+0	0	150	FOOT

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

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c:\projects\74292d\shtsch_74292.dgn		DRAWN -	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES AND DITCH TYPICAL SECTION	781	108I CF	CRAWFORD	15 4
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EROSION CONTROL MEASURES AT THE START OF CONSTRUCTION:

- 1. THE AREAS OF EXCAVATION AND EMBANKMENT PLACEMENT SHALL BE MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE IMPROVEMENT AREA, REDUCING WATER FLOW BY TEMPORARY DIVERSION, MINIMIZING SILTATION AT THE RIGHT-OF-WAY LINE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION CONTROL BARRIER. WORK AT THE START OF CONSTRUCTION SHALL CONSIST OF THE FOLLOWING:
 - (d) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL, AND OTHER ACTIVITIES THAT WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPMENT.
 - (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 - (c) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE START OF CONSTRUCTION WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN CALENDAR DAYS.

EROSION CONTROL MEASURES DURING CONSTRUCTION:

- 1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
- (a) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE A HIGH FLOW OF WATER, AS DETERMINED BY THE ENGINEER, SHALL REMAIN UNDISTURBED UNTIL CONTINUOUS OPERATIONS CAN ENSURE TIMELY COMPLETION OF WORK IN THESE AREAS TO MINIMIZE SOIL EROSION.
- (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN CALENDAR DAYS.

EROSION CONTROL MEASURES AFTER FINAL GRADING:

- 1. EXCAVATION AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADE. MULCH SHALL BE PLACED ON ALL DISTURBED AREAS.
 - (a) TEMPORARY EROSION CONTROL SYSTEMS SHALL REMAIN IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY WITH ALL PROPOSED TURF AREAS SEEDED AND A PROPER STAND ESTABLISHED.

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EROSION CONTROL DETAILS AND SCHEDULES		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
		781	1081	CRAWFORD	15	7				
								CONTRACT	NO. 7	74292
LE: 40	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO. ILLINOIS FED. A	D PROJECT		

