SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY BO!FED. 20%.STATE	BRIDGE Y068	`	
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.02	0.02		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20	20		
28000400	PERIMETER EROSION BARRIER	FOOT	120	120		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	12	12		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
50200100	STRUCTURE EXCAVATION	CU YD	123	123		
50700105	TREATED TIMBER	F.B.M.	5296	5296		
50700305	HARDWARE	POUND	182	182		
51200510	FURNISHING TREATED PILES 20.1 TO 38 FEET	F00T	616	616		
51202305	DRIVING PILES	FOOT	616	616		
51202900	TEST PILE TIMBER	EACH	4	4		
51204650	PILE SHOES	EACH	26	26		
56300300	ADJUSTING WATER SERVICE LINES	FOOT	46	46		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
X0321100	GEOTEXTILE RETAINING WALL	SQ FT	327	327		
X0325712	RELOCATE EXISTING ELECTRICAL SYSTEM	L SUM	1	1		

FILE NAME =	USER	Ne
\D774337-sht-SOQ.DGN		
Johnson, Depp & Quisenberry	PLOT	SC
CONSULTING ENGINEERS Springfield, Illinois	PLOT	DA

	USER NAME = DCD	DESIGNED -	REVISED -
		DRAWN -	REVISED -
у	PLOT SCALE = 10.0000 '/ IN.	CHECKED ~	REVISED -
	PLOT DATE = 02/10/2009 12:19:55	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

•		E CHANTITIES & OFNIERAL MOTES			T.R. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
SUMMARY OF QUANTITIES & GENERAL NOTES				389A	D-7 Bridge	Appr.	2009-1	SHELBY	14	2		
		- 1								CONTRACT	NO.	4337
	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. R	DAD DIST. NO.	ILLINO	IS FED. AI	D PROJECT		

GENERAL NOTES

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

THE WORK ON THIS PROJECT IS LOCATED AT EXISTING SN 087-0019, THOMPSON MILL COVERED BRIDGE, CARRYING PEDESTRIAN TRAFFIC OVER THE KASKASKIA RIVER. THE THOMPSON MILL COVERED BRIDGE IS LOCATED APPROXIMATELY ONE MILE EAST OF COWDEN IN SHELBY COUNTY. THE WORK INCLUDED IN SECTION D-7 BRIDGE APPROACH 2009-1 CONSISTS OF COMPLETE REMOVAL AND REPLACEMENT OF BOTH BRIDGE APPROACH SPANS AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROFILE AT THE NORTH END OF THE BRIDGE IS ABOUT 1.5 FEET HIGHER THAN THE EXISTING PROFILE. THE ADDITIONAL HEIGHT SHALL BE TRANSITIONED TO MEET THE EXISTING GRADE OVER A LENGTH OF ABOUT 50 FEET FROM THE NORTH ABUTMENT, USING MATERIAL FROM THE STRUCTURE EXCAVATION. THE COST OF THE EMBANKMENT PLACEMENT IS INCLUDED IN THE BID FOR "STRUCTURE EXCAVATION". A 2 INCH THICK "AGGREGATE SURFACE COURSE TYPE B" SHALL BE APPLIED OVER THE NEW GRADE TRANSITION. THE MATERIAL USED FOR "AGGREGATE SURFACE COURSE TYPE B" SHALL BE CRISHED STONE.

SEEDING AND MULCH SHALL BE APPLIED TO AREAS AT THE SOUTH AND NORTH ABUTMENTS THAT ARE DISTURBED BY THE CONSTRUCTION, AND AS DIRECTED BY THE ENGINEER.

EROSION CONTROL GENERAL NOTES

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:

- (g) 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.
- (d) 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. EROSION CONTROL BLANKET SHALL BE PLACED ON ALL DISTURBED AREAS.
- (q) 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.