SUMMARY OF QUANTITIES

	CODE NUMBER	PAY ITEM	UNIT	TOTAL
	20101000	TEMPORARY FENCE	FOOT	815
	20200100	EARTH EXCAVATION	CU YD	113
	20300100	CHANNEL EXCAVATION	CU YD	320
	28000400	PERIMETER EROSION BARRIER	FOOT	1,180
	28100109	STONE RIPRAP, CLASS A5	SQ YD	770
	28200200	FILTER FABRIC	SQ YD	770
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	36
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	35
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	30
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	137
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10
	44000100	PAVEMENT REMOVAL	SQ YD	186
	48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	627
*	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50200100	STRUCTURE EXCAVATION	CU YD	287
	50300225	CONCRETE STRUCTURES	CU YD	116.9 ⚠
	50300280	CONCRETE ENCASEMENT	CU YD	5.8
*	50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	7,467
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	13,470
Δ	50901050	STEEL RAILING, TYPE SM	FOOT	456
	51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	1,690
	51202305	DRIVING PILES	FOOT	1,690
	51203200	TEST PILE METAL SHELLS	EACH	2
	51500100	NAME PLATES	EACH	1
	58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	830
	58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1,360
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	70.3
Δ	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	225.0
Δ	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1
Δ	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
Δ	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3
	63200310	GUARDRAIL REMOVAL	FOOT	304
	67100100	MOBILIZATION	L SUM	1
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	558
Δ*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3
•	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
•	X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
•	X5080600	MECHANICAL SPLICERS	EACH	56

• SPECIAL PROVISION Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: 0011
BRIDGE TYPE CODE: X080

[redacted]

GENERAL NOTES

1. WHERE PERMANENT SURVEY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.

2. THE ENGINEER SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUBCONTRACTOR, SHALL HAVE NO SUPERVISION OF THE PERSONS DOING THE WORK, SHALL HAVE NO CHARGE OF THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORT, FORMS OR OTHER WORK AIDS.

3. THE FOLLOWING RATES WERE USED IN CALCULATION QUANTITIES FOR THIS PROJECT:

AGGREGATE SHOULDERS:	2.05 TONS/CU YD
AGGREGATE BASE AND SURFACE COURSE:	2.05 TONS/CU YD
BITUMINOUS MATERIALS (COVER AND SEAL COAT):	0.35 GAL/SQ YD
BITUMINOUS MATERIALS (PRIME COAT):	0.10 GAL/SQ YD
	0.30 GAL/SQ YD
SEAL COAT AGGREGATE:	23 LBS/SQ YD
HOT MIX ASPHALT:	112 LBS/SQ YD/INCH

4. CONTRACTOR SHALL FOLLOW CONSTRUCTION REQUIREMENTS OF SECTION 611 WHEN EXISTING FIELD TILE IS ENCOUNTERED UNLESS DIRECTED OTHERWISE BY THE ENGINEER. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

5. THE CONTRACTOR SHALL REPLACE ALL STREET SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE WORK ITEMS SPECIFIED.

6. THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND CROSS SECTION SHEETS ARE THE ELEVATIONS FOR THE FINISHED SURFACE AT THE LOCATIONS INDICATED.

7. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF THE UTILITIES AND CARRY ON HIS/HER WORK OPERATIONS ACCORDINGLY.

8. SEE SPECIAL PROVISIONS FOR DETOUR PLAN.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	DESIGN AIR VOIDS
HMA SURFACE CSE	IL-9.5 OR 12.5 MIX "C"	PG 64-22	4.0% @ N50

HOT-MIX ASPHALT QUANTITIES BASED ON 112 LB./SQ. YD./INCH

GUARDRAIL SCHEDULE

LOCATION	63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	63100045 TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	63100087 TRAFFIC BARRIER TERMINAL, TYPE 6A (EACH)	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)
STA. 97+50.88 TO STA. 98+00.88, LT				1
STA. 98+00.88 TO STA. 98+38.38, LT	37.5			
STA. 98+38.38 TO STA. 98+82.13, LT			1	
STA. 98+19.48 TO STA. 98+20.73, RT		1		
STA. 98+20.73 TO STA. 98+38.38, RT	25.0			
STA. 98+38.38 TO STA. 98+82.13, RT			1	
STA. 101+09.88 TO STA. 101+53.63, LT			1	
STA. 101+53.63 TO STA. 102+78.63, LT	125.0			
STA. 102+78.63 TO STA. 103+28.63, LT				1
STA. 101+09.88 TO STA. 101+53.63, RT			1	
STA. 101+53.63 TO STA. 101+91.13, RT	37.5			
STA. 101+91.13 TO STA. 102+41.13, RT				1
TOTAL	225.0	1	4	3

EARTHWORK SCHEDULE

LOCATION	20200100 EARTH EXCAVATION	23000100 CHANNEL EXCAVATION	FOR INFORMATIONAL ONLY: EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.75)	FOR INFORMATIONAL ONLY: EMBANKMENT (FILL)	20400800 EMBANKMENT (FILL)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 97+17.00 TO STA. 98+82.13	71		53	92	-39
STA. 98+82.13 TO STA. 101+09.88		320	240		240
STA. 101+09.88 TO STA. 103+63.00	42		32	153	-121
TOTAL	113	320	325	245	80
EARTH EXCAVATION SHRINKAGE FACTOR = 25%					

USER NAME = dheberling	DESIGNED -	REVISED - ⚠ 11-8-11	
FILE NAME = D612345-sht-genera...dgn	CHECKED -	REVISED -	
PLOT DATE = 9/7/2011	DRAWN -	REVISED -	
PLOT TIME = 11:08:33 AM	CHECKED -	REVISED -	

WHKS & CO. ENGINEERING
7018 KINGSMILL CT., SPRINGFIELD, IL
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DESIGN FIRM #184001036

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES
CH 4 OVER BUCKART CREEK

SCALE: NTS | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
556	08-00119-04-BR	SANGAMON	25	2
SN 084-0480		CONTRACT NO. 93556		
	ILLINOIS FED. AID PROJECT			