

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	64
20400800	FURNISHED EXCAVATION	CU YD	382
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
28000310	AGGREGATE DITCH CHECKS	EACH	4
28100210	STONE RIPRAP, CLASS A5 (SPECIAL)	TON	860
35101400	AGGREGATE BASE COURSE, TYPE B	TON	325
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	224
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	78
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	58
42001300	PROTECTIVE COAT	SQ YD	790
44000100	PAVEMENT REMOVAL	SQ YD	676
48101200	AGGREGATE SHOULDERS, TYPE B	TON	182
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1
50102400	CONCRETE REMOVAL	CU YD	8.9
50300225	CONCRETE STRUCTURES	CU YD	7.4
50300260	BRIDGE DECK GROOVING	SQ YD	722
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	6,960
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	10,620
50901050	STEEL RAILING, TYPE SM	FOOT	468
51500100	NAME PLATES	EACH	1
52000110	PREFORMED JOINT STRIP SEAL	FOOT	63
58700300	CONCRETE SEALER	SQ FT	560
59000200	EPOXY CRACK INJECTION	FOOT	12
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	16
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4
60107600	PIPE UNDERDRAINS 4"	FOOT	430
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	80
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	182
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	75
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,150
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	5.0
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	6.0
X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	773
X6330103	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT	EACH	4
Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	88

* SPECIAL PROVISION
 Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: X080-2A

EARTH WORK SCHEDULE

LOCATION	20200100 EARTH EXCAVATION	*EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (COL 1 x 0.75) (CU. YD.)	*EMBANKMENT (FILL)	20400800 FURNISHED EXCAVATION
477+0600 TO 478+37.49	29	22	195	173
480+71.41 TO 482+30.00	35	26	235	209
TOTAL	64	48	430	382
EARTH EXCAVATION SHRINKAGE FACTOR = 25%				
ITEMS MARKED WITH AN ASTERISK (*) ARE FOR INFORMATIONAL PURPOSES ONLY				

GENERAL NOTES

- 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.
- 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.
- THE FOLLOWING RATES WERE USED IN CALCULATING QUANTITIES FOR THIS PROJECT:
 RIPRAP: 1.5 TONS/CU YD
 AGGREGATE SHOULDERS: 2.05 TONS/CU YD
 AGGREGATE BASE COURSE: 2.05 TONS/CU YD
 BITUMINOUS MATERIALS (PRIME COAT): 0.35 GAL/SY
- CONTRACTOR SHALL FOLLOW CONSTRUCTION REQUIREMENTS OF SECTION 611 WHEN EXISTING FIELD TILE IS ENCOUNTERED UNLESS DIRECTED OTHERWISE BY 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.
- 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.

SCHEDULES **

REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A (63301210)

STA. 477+85.54	TO	STA. 477+98.04,	LT. =	12.5 FT	
STA. 477+76.94	TO	STA. 477+89.44,	RT. =	12.5 FT	
STA. 481+19.46	TO	STA. 481+44.46,	LT. =	25.0 FT	
STA. 481+10.86	TO	STA. 481+35.86,	RT. =	25.0 FT	
				TOTAL =	75.0 FT

REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT (X6330103)

STA. 477+35.54	TO	STA. 477+85.54,	LT. =	1 EACH	
STA. 477+26.94	TO	STA. 477+76.94,	RT. =	1 EACH	
STA. 481+44.46	TO	STA. 481+94.46,	LT. =	1 EACH	
STA. 481+35.86	TO	STA. 481+85.86,	RT. =	1 EACH	
				TOTAL =	4 EACH

TRAFFIC BARRIER TERMINAL, TYPE 6A (63100087)

STA. 477+98.04	TO	STA. 478+44.62,	LT. =	1 EACH	
STA. 477+89.44	TO	STA. 478+36.02,	RT. =	1 EACH	
STA. 480+72.88	TO	STA. 481+19.46,	LT. =	1 EACH	
STA. 480+64.28	TO	STA. 481+10.86,	RT. =	1 EACH	
				TOTAL =	4 EACH

GUARDRAIL REMOVAL (63200310)

STA. 477+91.79	TO	STA. 478+41.79,	LT. =	50 FOOT	
STA. 477+91.19	TO	STA. 478+33.19,	RT. =	42 FOOT	
STA. 480+75.71	TO	STA. 481+16.71,	LT. =	41 FOOT	
STA. 480+67.11	TO	STA. 481+16.11,	RT. =	49 FOOT	
				TOTAL =	182 FOOT

** STATIONS AND REMOVAL QUANTITIES ARE APPROXIMATE.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

LOCATION	COUNTY HIGHWAY 10	
MIXTURE USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	25	15
DESIGN AIR VOIDS	4.0% @ Ndes=50	
MIX COMP	IL-19.0	IL-9.5
FRICTION AG	NA	MIX C

USER NAME = dheber1ing
 PLOT SCALE = 2.0000' / IN.
 PLOT DATE = 8/18/2009

DESIGNED - JAC	REVISED -
DRAWN - DLH	REVISED -
CHECKED - CWC	REVISED -
DATE -	REVISED -

WHKS & CO.
 ENGINEERING
 7018 KINGSMILL CT.,
 SPRINGFIELD, IL
 (217) 483-9457
 DESIGN FIRM #184001036

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES
CH 10 OVER NORTH FORK SALT CREEK

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
543	09-00025-01-BR	DEWITT	17	2
				CONTRACT NO. 91423
[ILLINOIS] FED. AID PROJECT				