

SUMMARY OF QUANTITIES
FUNDING CODE: X071-2A

FAS ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
174	*	DEKALB	17	2

ILLINOIS PROJECT ARA-0174 (118)
* 05-00213-00-BR
CONTRACT NO. 87403

0
SCALE: 1"=

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	277
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.14
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	764
35101400	AGGREGATE BASE COURSE, TYPE B	TON	74
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.2
40600982	HOT-MIX ASPHALT SURFACE COURSE REMOVAL - BUTT JOINT	SQ YD	74
40603310	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	55
48101200	AGGREGATE SHOULDERS, TYPE B	TON	84
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	18.7
50300255	CONCRETE SUPERSTRUCTURE	CU YD	61.3
50300260	BRIDGE DECK GROOVING	SQ YD	174
50300300	PROTECTIVE COAT	SQ YD	189
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	840
50700305	HARDWARE	POUND	1117
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	13,986
Δ 50901050	STEEL RAILING, TYPE SM	FOOT	98
51200957	FURNISHING METAL SHELL PILES 12" x 0.250"	FOOT	270
51202305	DRIVING PILES	FOOT	270
51203200	TEST PILE METAL SHELLS	EACH	1
51500100	NAME PLATES	EACH	1
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	5
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	256
Δ 63000002	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6.75 FOOT POSTS	FOOT	225
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
Δ * 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
* 63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	400
67100100	MOBILIZATION	L SUM	1
Δ * 78200455	BIDIRECTIONAL GUARD RAIL REFLECTORS	EACH	8
Δ * 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* X5121800	PERMANENT STEEL SHEET PILING	SQ FT	2691

QUANTITY NOTES:
Δ SPECIALTY ITEMS
* SEE SPECIAL PROVISIONS
PERIMETER EROSION BARRIER IS AN ESTIMATED QUANTITY. LOCATIONS ARE TO BE DETERMINED IN FIELD BY THE ENGINEER

SCHEDULE OF QUANTITIES

LOCATION	FOOT
RT. STA. 9+05.75 TO RT. STA. 10+18.25	112.5
LT. STA. 10+93.75 TO LT. STA. 12+06.25	112.5
TOTAL	225

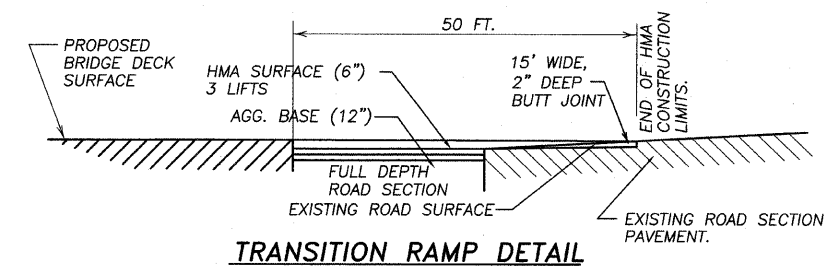
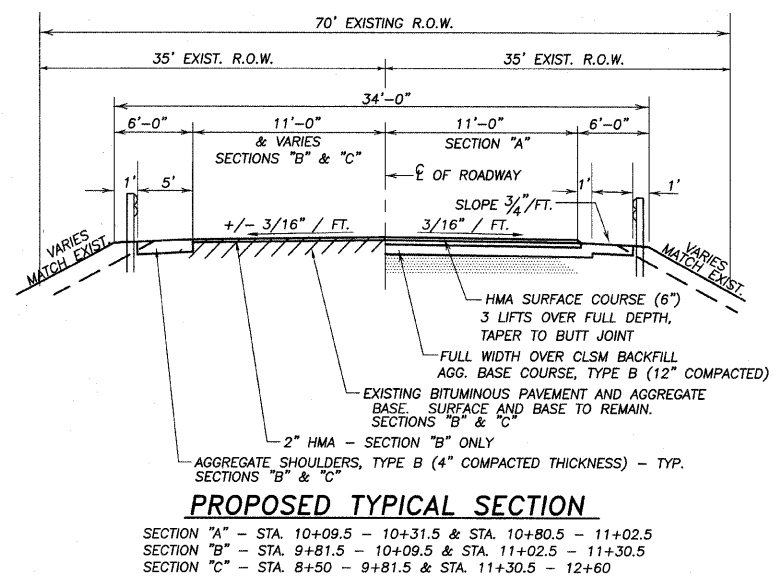
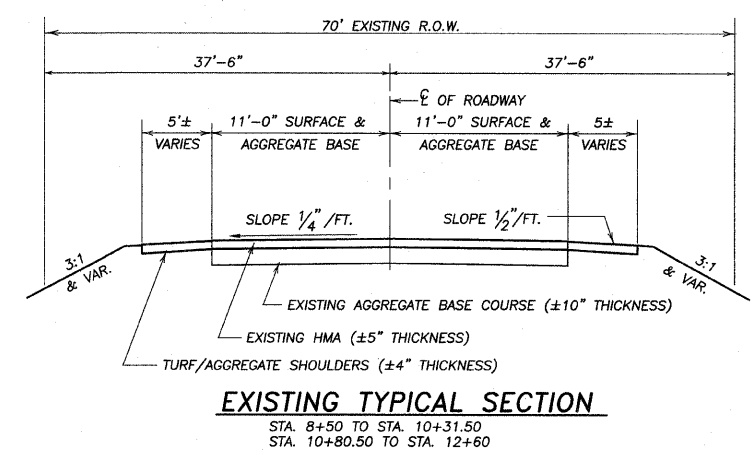
LOCATION	EACH
RT. STA. 10+18.25 TO RT. STA. 10+31.5	1
LT. STA. 10+18.25 TO LT. STA. 10+31.5	1
RT. STA. 10+80.5 TO RT. STA. 10+93.75	1
LT. STA. 10+80.5 TO LT. STA. 10+93.75	1
TOTAL	4

LOCATION	EACH
RT. STA. 8+55.75 TO RT. STA. 9+05.75	1
LT. STA. 9+68.25 TO LT. STA. 10+18.25	1
RT. STA. 10+93.75 TO RT. STA. 11+43.75	1
LT. STA. 12+06.25 TO LT. STA. 12+56.25	1
TOTAL	4

LOCATION	TON
STA. 10+09.5 - STA. 10+31.50	37
STA. 10+80.50 - STA. 11+02.5	37
TOTAL	74

LOCATION	TON
STA. 9+81.5 - STA. 10+31.50	27.5
STA. 10+80.50 - STA. 11+30.5	27.5
TOTAL	55

LOCATION	CU. YD.
STA. 8+50 - STA. 10+31.50	15
STA. 10+80.50 - STA. 12+60	7
TOTAL	22



HOT-MIX ASPHALT CHART

HMA SURFACE	
PG GRADE	PG58-22
MAX % RAP ALLOWABLE**	30%
DESIGN AIR Voids	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5L
FRICTION AGGREGATE	MIXTURE C
DENSITY TEST METHOD	LR 1030

**IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

REVISIONS	DATE

DESIGNED BY:	RLR
DRAWN BY:	RLR
CHECKED BY:	
DATE:	

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GROUND-BREAKING SOLUTIONS
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Illinois Professional Design Firm No. 784-000848

SUMMARY AND SCHEDULE OF QUANTITIES
OF
SHABBONA ROAD BRIDGE REPLACEMENT
FOR
DEKALB COUNTY HIGHWAY

SHEET TITLE

JOB NUMBER
2080381

DATE
2/27/2009

SHEET NO.

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SUMMARY OF QUANTITIES
SECTION 05-00213-00-BR
SHABBONA ROAD
DEKALB COUNTY