

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
405	04-00035-01-BR	WARREN	16	4
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT NO. BRS-405(103)	
CONTRACT NO. 89381				

AGGREGATE SHOULDERS, TYPE A

STA. 32+34.25 TO STA. 33+54.22, LT	42.01	SQ YD
STA. 32+34.25 TO STA. 33+54.20, RT	46.48	SQ YD
STA. 34+31.80 TO STA. 35+51.75, LT	41.65	SQ YD
STA. 34+31.78 TO STA. 35+51.75, RT	43.40	SQ YD
TOTAL	174	SQ YD
TOTAL	40	TON

TEMPORARY DITCH CHECKS

STA. 33+50.00, LT.	1	EACH
STA. 33+50.00, RT.	1	EACH
STA. 34+40.00, LT.	1	EACH
STA. 34+40.00, RT.	1	EACH
TOTAL	4	EACH

PERIMETER EROSION BARRIER

STA. 32+30.00 TO STA. 33+60.00, RT	130	FEET
STA. 33+00.00 TO STA. 33+60.00, LT	60	FEET
STA. 34+25.00 TO STA. 35+55.00, RT	130	FEET
STA. 34+25.00 TO STA. 35+55.00, LT	130	FEET
TOTAL	450	FEET

BITUMINOUS MATERIAL (PRIME COAT)

MILLED SURFACE

STA. 32+34.25 TO STA. 32+79.25	102.14	SQ YD
STA. 35+06.75 TO STA. 35+51.75	101.80	SQ YD
TOTAL	203.94	SQ YD

(1 APPLICATION @ 0.10 GAL/SY)

SUB-TOTAL	21	GAL
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BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50

TOP LIFT

STA. 32+34.25 TO STA. 33+54.25	296.69	SQ YD
STA. 34+31.75 TO STA. 35+51.75	295.90	SQ YD
TOTAL	592.59	SQ YD

SUB-TOTAL	50	TON
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TEMPORARY EROSION CONTROL SEEDING

0.10 ACRES (100 LB/ACRE) x 4 APPLICATIONS = 40 LB

TOPSOIL, SEEDING & FERTILIZER NUTRIENTS

TOPSOIL FURNISH AND PLACE, 4" (SQ YD)	SEEDING, CLASS 2A (ACRE)	MULCH, METHOD 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT 90 (LB/ACRE) (LB)	PHOSPHORUS FERTILIZER NUTRIENT 90 (LB/ACRE) (LB)	POTASSIUM FERTILIZER NUTRIENT 90 (LB/ACRE) (LB)
TOTAL	358	0.10	0.10	9	9

GRAVEL SURFACE

STA. 32+34.25 TO STA. 33+54.25, LT	12.49	SQ YD
STA. 32+34.25 TO STA. 33+54.25, RT	12.25	SQ YD
STA. 34+31.75 TO STA. 35+51.75, LT	11.20	SQ YD
STA. 34+31.75 TO STA. 35+51.75, RT	12.67	SQ YD
TOTAL	48.61	SQ YD

(1 APPLICATION @ 0.50 GAL/SY)

SUB-TOTAL	25	GAL
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BOTTOM LIFT

STA. 32+79.25 TO STA. 33+54.25	190.89	SQ YD
STA. 34+31.75 TO STA. 35+06.75	190.58	SQ YD
TOTAL	381.47	SQ YD

SUB-TOTAL	51	TON
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TOTAL FROM BRIDGE PLANS

SUB-TOTAL	49	TON
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TOTAL	150	TON
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STONE DUMPED RIPRAP, CLASS A5 (SPECIAL)

BRIDGE PLANS	316	TONS
TOTAL	316	TONS

EXISTING PAVEMENT

STA. 32+79.25 TO STA. 33+54.25	169.81	SQ YD
STA. 34+31.75 TO STA. 35+06.75	169.98	SQ YD
TOTAL	339.79	SQ YD

(1 APPLICATION @ 0.05 GAL/SY)

SUB-TOTAL	17	GAL
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GUARDRAIL REMOVAL

STA. 33+28.10 TO STA. 33+69.20, LT	41	FEET
STA. 33+28.75 TO STA. 33+68.93, RT	40	FEET
STA. 34+31.80 TO STA. 34+72.45, LT	41	FEET
STA. 34+31.89 TO STA. 34+72.70, RT	41	FEET
TOTAL	163	FEET

NEW PAVEMENT

STA. 32+79.25 TO STA. 33+54.25	169.81	SQ YD
STA. 34+31.75 TO STA. 35+06.75	169.98	SQ YD
TOTAL	339.79	SQ YD

(1 APPLICATION @ 0.03 GAL/SY)

SUB-TOTAL	11	GAL
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BITUMINOUS SURFACE REMOVAL-BUTT JOINT

STA. 32+34.25 TO STA. 32+79.25	102.14	SQ YD
STA. 35+06.75 TO STA. 35+51.75	101.86	SQ YD
TOTAL	204	SQ YD

EARTHWORK

A EARTH EXCAVATION (CU YD)	B EMBANKMENT (CU YD)	C ADJ. EARTH EXCAVATION (A x(1-0.25)) (CU YD)	D FURNISHED EXCAVATION (B-C) (CU YD)
TOTAL	27	341	20
			321

TOTAL FROM BRIDGE PLANS

SUB-TOTAL	28	GAL
TOTAL	102	GAL

TRAFFIC BARRIER TERMINAL, TYPE 6A

STA. 33+41.00 TO STA. 33+54.25, RT	1	EACH
STA. 33+41.00 TO STA. 33+54.25, LT	1	EACH
STA. 34+31.75 TO STA. 34+45.00, RT	1	EACH
STA. 34+31.75 TO STA. 34+45.00, LT	1	EACH
TOTAL	4	EACH

* ADJUSTED FILL IS BASED ON 25% SHRINKAGE FACTOR.

EARTH EXCAVATION AND EMBANKMENT QUANTITIES DETERMINED FROM CROSS SECTIONS USING END AREA METHOD.

AGGREGATE BASE COURSE, TYPE A

STA. 32+34.25 TO STA. 33+54.25, LT	12.49	SQ YD
STA. 32+34.25 TO STA. 33+54.25, RT	12.25	SQ YD
STA. 34+31.75 TO STA. 35+51.75, LT	11.21	SQ YD
STA. 34+31.75 TO STA. 35+51.75, RT	12.67	SQ YD
TOTAL	48.62	SQ YD
TOTAL	42	TON

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

STA. 32+91.00 TO STA. 33+41.00, RT	1	EACH
STA. 32+91.00 TO STA. 33+41.00, LT	1	EACH
STA. 34+45.00 TO STA. 34+95.00, RT	1	EACH
STA. 34+45.00 TO STA. 34+95.00, LT	1	EACH
TOTAL	4	EACH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.S. 405
 SECTION 04-00035-01-BR
 WARREN COUNTY
 COUNTY HIGHWAY 1 OVER MIDDLE HENDERSON CREEK

SCHEDULE OF QUANTITIES

SCALE: VERT. _____
 HORIZ. _____
 DATE 02/06/06

DRAWN BY RLA
 CHECKED BY JDS

HANSON
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 REVIEWED: JDS 02/03/06 #FILES