

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	31BR	MADISON	11	2
STA.	N/A	TO STA.	N/A	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

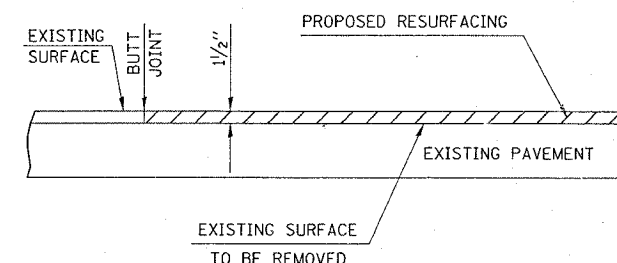
# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I000	X020-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48	48	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	46	46	
20200100	EARTH EXCAVATION	CU YD	414	414	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	11	11	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	97		97
20700220	POROUS GRANULAR EMBANKMENT	CU YD	97		97
25000200	SEEDING, CLASS 2	ACRE	0.25	0.25	
25100105	MULCH, METHOD 1	ACRE	0.25	0.25	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	17	17	
28000300	TEMPORARY DITCH CHECKS	EACH	8	8	
28100107	STONE RIPRAP, CLASS A4	SQ YD	450		450
28200200	FILTER FABRIC FOR USE WITH RIPRAP	SQ YD	450		450
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	25	25	
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	159	159	
35600100	BITUMINOUS CONCRETE BASE COURSE WIDENING 6 INCHES	SQ YD	25	25	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.1	0.1	
40600300	AGGREGATE (PRIME COAT)	TON	0.4	0.4	
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	245	245	
44000100	PAVEMENT REMOVAL	SQ YD	145	145	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	43	43	
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	60	60	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	209	209	
<del>50200100</del>	<del>STRUCTURE EXCAVATION</del>	<del>CU YD</del>	<del>290</del>		<del>290</del>
50800105	REINFORCEMENT BARS	POUND	31980		31980
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	430		430
51500100	NAME PLATES	EACH	1		1
54003000	CONCRETE BOX CULVERTS	CU YD	168.3		168.3
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	2	2	
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1	1	
54248500	CONCRETE HEADWALLS	CU YD	30		30
54248510	CONCRETE COLLAR	CU YD	0.5	0.5	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	27	27	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I000	X020-2A
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	52	52	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	169	169	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	500	500	
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	50	50	
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4	
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	375	375	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	10	10	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	5	5	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	824	824	
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	41	41	
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	80	80	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	10	10	
78200530	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	

## PAVEMENT MIX

MIXTURE USE	SURFACE	BSE CSE	BINDER	SHOULDERS
AC/PG	PG 64-22	PG 58-22	PG 64-22	PG 58-22
RAP % (MAX)	15%	30%	15%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=50	2.0% @ Ndes=50	4.0% @ Ndes=50	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)			IL 19.0	
FRICTION AGG.	MIXTURE C	BSE CSE	MIXTURE B	BAM



## MILLING DETAIL

STA. 42+20 TO STA. 42+75  
STA. 43+65 TO STA. 44+20

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES,  
PVMT MIX & MILLING DETAIL**

TR 336A  
SECTION 31BR  
MADISON COUNTY

DRAWN BY  
CHECKED BY

DATE

\*SPECIALTY ITEMS

PLT DATE = 3/14/2006  
PLT TIME = 10:58:54 AM  
PLT SCALE = 43.9997 / IN.  
REFERENCE = #REF#