

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.U. 6385	00-00182-01-BR	McLEAN	31	2
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT - BRN-827403	

GENERAL NOTES

CONTRACT NO. 87269
 ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2002," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE WILL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL OR PAVEMENT REMOVAL. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER.

THE LOCATIONS OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER.
SEEDING, CLASS 2A (SPECIAL) = 0.28 ACRES

THE CONTRACTOR SHALL NOT OPERATE PAVEMENT ROLLERS ON AREAS OF BRIDGE DECK GROOVING.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS CONCRETE	112 LB/IN/SQ YD
POROUS GRANULAR EMBANKMENT	2.0 TON/CU YD
AGGREGATE SHOULDERS	2.0 TON/CU YD
BITUMINOUS MATERIALS (PRIME COAT):	0.1 GAL/SQ YD OR 0.35 GAL/SQ YD
STONE RIPRAP	1.75 TON/CU YD
AGGREGATE (PRIME COAT)	4 LB/SQ YD
AGGREGATE COURSE TYPE B	2.0 TON/CU YD SHRINKAGE FACTOR = 1.15

SUMMARY OF QUANTITIES				
CODE NO	ITEM	UNIT	CONSTRUCTION CODE	
			1000	X071-2A TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	116	116
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32	32
20200100	EARTH EXCAVATION	CU YD	190	190
20300100	CHANNEL EXCAVATION	CU YD		220
20400800	FURNISHED EXCAVATION	CU YD	440	440
20700110	POROUS GRANULAR EMBANKMENT	TON		250
25001020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.28	0.28
25100630	EROSION CONTROL BLANKET	SQ YD	921	921
* 28101500	RIPRAP, SPECIAL	SQ YD		1060
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	302	302
35101400	AGGREGATE BASE COURSE, TYPE B	TON	110	110
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	169	169
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	426	426
42001165	BRIDGE APPROACH PAVEMENT	SQ YD		282
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	56	56
44000100	PAVEMENT REMOVAL	SQ YD	500	500
44000400	GUTTER REMOVAL	FOOT	155	155
* 44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	693	693
48101200	AGGREGATE SHOULDERS, TYPE B	TON	152	152
* 48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	90	90
50100100	REMOVAL OF EXISTING STRUCTURES	EACH		1
50104650	SLOPE WALL REMOVAL	SQ YD	765	765
50300225	CONCRETE STRUCTURES	CU YD	83.0	83.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	249.4	249.4
50300260	BRIDGE DECK GROOVING	SQ YD	763	763
50300300	PROTECTIVE COAT	SQ YD	903	903
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1
50500505	STUD SHEAR CONNECTORS	EACH	3042	3042
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	73100	73100
51201500	FURNISHING STEEL PILES HP10X57	FOOT	1300	1300
51202700	DRIVING STEEL PILES	FOOT	1300	1300
51203500	TEST PILE STEEL HP10X57	EACH	2	2
51204315	CONCRETE ENCASEMENT	CU YD	28.8	28.8
51500100	NAME PLATES	EACH	1	1
* 54215547	METAL END SECTIONS 12"	EACH	1	1
* 60103500	PIPE DRAINS, CORRUGATED STEEL 12" (PRECOATED GALVANIZED)	FOOT	15	15
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	142	142
* 60900315	TYPE D INLET BOX, STANDARD 609006	EACH	1	1
60900515	CONCRETE THRUST BLOCKS	EACH	1	1
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	125	125
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4
* 63100215	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	1	1
* 67100100	MOBILIZATION	L SUM	1	1
* 70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	L SUM	1	1
* 78200400	GUARDRAIL REFLECTORS	EACH	11	11
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	13	13
* X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	TON	82	82
* X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	115	115
* X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	40	40
* X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1	1
* X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1	1
Z0002600	BAR SPLICERS	EACH	84	84
Z0017900	DRAINAGE SCUPPERS	EACH	5	5
XX004199	AGGREGATE BASE COURSE SPECIAL (6")	TON	178	178

* -SEE SPECIAL PROVISIONS

MIXTURE REQUIREMENTS	
LOCATION(S):	CH 70 (WHITE OAK DR.) AND WEST GRAHAM ST.
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE SUPERPAVE
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE D
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	CH 70 (WHITE OAK DR.) AND WEST GRAHAM ST.
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE
AC/PG:	PG 64-22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	CH 70 (WHITE OAK DR.)
MIXTURE USE(S):	LEVELING BINDER (MACHINE METHOD) SUPERPAVE
AC/PG:	PG 64-22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	SHOULDERS
MIXTURE USE(S):	BITUMINOUS SHOULDERS SUPERPAVE (TOP LIFT)
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	SHOULDERS
MIXTURE USE(S):	BITUMINOUS SHOULDERS SUPERPAVE (BOTTOM LIFT)
AC/PG:	PG 58-22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	DRIVEWAYS
MIXTURE USE(S):	INCIDENTAL BITUMINOUS SURFACING
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION:	
(GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS / SY / INCH THICKNESS

HLR
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 Account Number: 12-59-0033-1
 Date: 11/15/05
 DESIGNED: L.F.S. | CHECKED: S.W.M. | DRAWN: D.T.M.

SUMMARY OF QUANTITIES

SECTION 00-00182-01-BR
 F.A.U. 6385 / C.H. 70
 McLEAN COUNTY