

91306

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
TR 38	*	Vermilion	18	3
FED. ROAD DIST. NO. 7		FED. AID PROJECT		

*00-19134-00-BR

SEEDING, CLASS 2	
LOCATION	ACRE
STA 113+00 TO STA 118+82.38	0.57
STA 121+88.28 TO STA 127+00	1.02
TOTAL	1.59

TRAFFIC BARRIER TERMINAL, TYPE 5A	
LOCATION	EACH
LT STA 118+62.79 TO STA 118+76.04	1
RT STA 118+75.38 TO STA 118+88.63	1
LT STA 121+82.04 TO STA 121+95.29	1
RT STA 121+94.63 TO STA 122+07.88	1
TOTAL	4

PIPE CULVERTS, TYPE 1 ALUMINIZED CORRUGATED STEEL PIPE, 18" DIA	
LOCATION	FOOT
RT STA 116+30 TO STA 116+70	40
STA 117+45	70
LT STA 124+06 TO STA 124+46	40
TOTAL	150

MULCH, METHOD 2	
LOCATION	ACRE
STA 113+00 TO STA 118+82.38	0.57
STA 121+88.28 TO STA 127+00	1.02
TOTAL	1.59

BARBED WIRE FENCE REMOVAL	
LOCATION	FOOT
LT STA 113+00 TO STA 119+00	600
RT STA 113+00 TO STA 115+00	200
LT STA 122+00 TO RT STA 127+00	500
TOTAL	1300

AGGREGATE BASE COURSE, TYPE B, 8"		
LOCATION	WIDTH (FT)	SQ. YD.
STA 114+80.08 TO STA 118+82.38	20	894
STA 121+88.28 TO STA 124+02.60	20	476
TOTAL		1370

TREE REMOVAL	
LOCATION	ACRE
STA. 117+00 TO STA. 119+00	0.10
STA. 120+80 TO STA. 125+00	0.60
TOTAL	0.70

CONSTRUCTION LAYOUT	
LOCATION	L SUM
SEC. 00-19134-00-BR	1
TOTAL	1

AGGREGATE SURFACE COURSE, TYPE B	
LOCATION	TON
STA 113+00.00 TO STA 114+80.08	118.2
STA 124+02.60 TO STA 127+00.00	204.5
RT STA 116+50	68.3
LT STA 124+25	25.0
TOTAL	416.0

STEEL PLATE BEAM GUARDRAIL, TYPE A	
LOCATION	FOOT
LT STA 117+87.79 TO STA 118+62.79	75
RT STA 117+87.88 TO STA 118+75.38	87.5
LT STA 121+95.29 TO STA 122+32.79	37.5
RT STA 122+07.88 TO STA 122+32.88	25
TOTAL	225

TRAFFIC BARRIER TERMINAL, TYPE 1	
LOCATION	EACH
LT STA 117+62.79 TO STA 117+87.79	1
RT STA 117+62.88 TO STA 117+87.88	1
LT STA 122+32.79 TO STA 122+57.79	1
RT STA 122+32.88 TO STA 122+57.88	1
TOTAL	4

PIPE CULVERT REMOVAL	
LOCATION	FOOT
STA 117+45	28
TOTAL	28

BITUMINOUS RESURFACING SCHEDULE									
STATION TO STATION	LENGTH (FT)	BIT. CONC. SURF. CSE. SUPERPAVE MIX "C," N50 (TON)			BIT. CONC. BINDER CSE. SUPERPAVE MIX C, IL-19.0, N50 (TON)			BITUMINOUS MATERIALS PRIME COAT (GALLON)	AGGREGATE PRIME COAT (TON)
		WIDTH (FT)	AREA (SQ. FT)	QUANTITY (TON)	WIDTH (FT)	AREA (SQ. FT)	QUANTITY (TON)		
STA 114+80.08 TO STA 118+82.38	402.30	20.0	8,046	76	20.0	8,046	76	358	2.3
STA 118+82.38 TO STA 121+88.28	305.90	27.0	8,259	110					
STA 121+88.28 TO STA 124+02.60	214.32	20.0	4,286	40	20.0	4,286	40	190	1.2
TOTAL				226			116	548	3.5

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS:	TR 38	TR 38
MIXTURE USE(S):	SURFACE	LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22
RAP %:	15%	25%
DESIGN AIR VOIDS:	4.0% @ N _{des} =50	4.0% @ N _{des} =50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIX C	MIX C

DSGN	K.E. Brandau				
DR	R.T. Mumm				
CHK	K.E. Brandau				
APVD	K.E. Brandau	NO.	DATE	REVISION	BY

FRAUENHÖFFER

Frauenhoffer and Associates, P.C. Consulting Engineers
3002 Crossing Court Champaign, IL 61822 217-351-6268

SCHEDULE OF QUANTITIES		SHEET 3
VANCE ROAD DISTRICT SECTION 00-19134-00-BR VERMILION COUNTY		DWG NO. schdl.dgn DATE AUG2004 PROJ NO. 2088