

CONTRACT NO: 91313

### General Notes

The area to be seeded shall consist of all disturbed earth surfaces within the right-of-way and easement as directed by the Engineer. Seeding shall be done when the soil becomes unfrozen and can be worked in the spring until the soil becomes frozen in the fall.

Seeding dates for all classes of seeding will be as listed below:

Class of Seeding	Beginning Dates	Termination Dates
1,1A,1B,2,2A,3 (in spring)	April 1	May 15
1,1A,1B,2,2A,3 (in fall)	August 15	October 15

Layout of erosion control items may be varied in the field to suit ground conditions as directed by the Engineer.

It shall be the Contractor's responsibility to determine the actual location of all underground utility facilities. He shall also obtain from the respective utility companies detailed information relative to the location of their facilities and the working schedules of the utility companies for their marling of the exact location.

J.U.L.I.E. – Joint Utility Location Information For Excavators System (800) 892-0123.

For all lifts of Bituminous Concrete Superpave that are placed at a rate of 75 tons per hour or more, a pneumatic tired roller shall be used as an "intermediate roller."

All leveling binder and bituminous base course shall be given a fog coat of prime before the surface course in placed when directed by the Engineer. An application rate of 0.025 gallons per square yard shall be used for fog coats.

Mixture requirement for all of the bituminous materials are shown the contract Special Provisions.

**Lime Modified Soil Application Rates:**

- Lime = 45 pounds/ square yard
- Water = 5 gallons/ square yard

### SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	1000-2A QUANTITY
20200100	EARTH EXCAVATION	CU YD	972.0
20400800	FURNISHED EXCAVATION	CU YD	852.0
20800150	TRENCH BACKFILL	CU YD	14.0
25000200	SEEDING, CLASS 2	ACRE	1.6
25000400	NITROGEN FERT NUTR	POUND	144.0
25000500	PHOSPHOROUS FERT NUTR	POUND	144.0
25000600	POTASSIUM FERT NUTR	POUND	144.0
25100115	MULCH, METHOD 2	ACRE	1.6
28000300	TEMP DITCH CHECK	EA	8.0
28000400	PERM EROSION CONT BAR	FOOT	2260.0
28000500	INLET & PIPE PROTECTION	EACH	9.0
28100105	STONE RIPRAP CL A3	SQ YD	36.0
31000600	PROC LIME STAB SOIL M12	SQ YD	4300.0
30201500	LIME	TON	97.0
40200800	AG SURF CRSE, TY B	TON	50.0
40600100	BIT MATLS PR CT	GAL	2742.0
40600980	BIT SURF REM, BUTT JT	SQ YD	587.0
40800040	INCIDENTAL BIT.	TON	169.0
44004400*	PAVT REMOVAL SPL	SQ YD	3798.0
44201741	CL D PATCH T2 8	SQ YD	15.0
44201745	CL D PATCH T3 8	SQ YD	20.0
48100500	AGGREGATE SHLDS A 6	SQ YD	1933.0
48101200	AGGREGATE SHLDS, TY B	TON	742.0
50105220	PIPE CULVERT REMOV	FOOT	174.0
54213663	PRC FLAR END SEC 18	EACH	2.0
54214509	PRC FL END S EQ RS 24	EACH	2.0
54216940*	R C PIPE TEE 24 RCEP 18R, SP	EACH	2.0
542D0220	P CUL CL D 1 15	FOOT	100.0
550A0090	STORM SEW, CL A 1 18	FOOT	220.0
550B0010	STORM SEW CL B 1 4	FOOT	12.0
55034300	SS 1 RCEP S30 R19	FOOT	80.0
60240301	INLETS TB T8G	EACH	3.0
70100460	TC-PROT 701306	L SUM	1.0
70300100	SHORT-TERM PAVT	FOOT	2067.0
78001110	PAINT PVT MK LINE 4	FOOT	29203.0
78001180	PAINT PVT MK LINE 24	FOOT	24.0
X4066414	BC SC SUPER C, N50	TON	1968.0
X4066765	LEV BIND, MM, SUPER, N50	TON	984.0
X4073041	BIT C PVT FD SUP 8	SQ YD	3960.0
X7013015	TRAF CONT RD CLOSURE	L SUM	1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	8.0