

QUANTITIES NOT OTHERWISE SHOWN

TWP.	COUNTY	SECTION	TWP. HWY. NO.	SHEET NO.	TOTAL SHEETS
TOULON	STARK	03-06114-00-SP	46	2	6

CONTRACT# 89305

EROSION CONTROL PLAN

- DO EARTHWORK (SMALL QUANTITY) AND CUT DITCHES.
- INSTALL PIPE CULVERTS.
- INSTALL DITCH CHECKS AT UPSTREAM END OF PIPES.
- PLACE PERIMETER EROSION CONTROL FENCE ON FILL SECTIONS, IF NEEDED.
- COMPLETE AGGREGATE AND BITUMINOUS CONCRETE WORK WHILE MAINTAINING TEMPORARY EROSION CONTROL.
- PLACEMENT OF PERMANENT EROSION CONTROL.
- REMOVE AND PROPER CLEAN UP OF TEMPORARY EROSION CONTROL.
- FINAL GRADING, PLACING AGGREGATE SURFACES AND OTHER MISCELLANEOUS ITEMS.

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	QUANTITY
40' LT STA 102+00	12.0 UNITS
24' LT STA 103+50	14.0 UNITS
23' LT STA 104+25	14.0 UNITS
	40.0 UNITS
	USE 40.0 UNITS

20200100 EARTH EXCAVATION

(SEE EARTHWORK COMPUTATION SHEETS)

LOCATION	QUANTITY
TR 46 (MAIN ROAD)	827.7 CU YD
TR 117 (SIDE ROAD)	818.7 CU YD
	1646.4 CU YD
	USE 1647 CU YD

40600100 BITUMINOUS MATERIAL PRIME COAT

LOCATION	MATERIAL	WIDTH	QUANTITY
TR 46 STA 88+00 TO 96+50	RC 70	19'	179.4 GAL
TR 46 STA 96+50 TO 105+50	MC 30	21'	840.0 GAL
TR 117 STA 0+12 TO 4+50	MC 30	21'	408.8 GAL
TR 117 STA 4+50 TO 9+00	RC 70	18'	90.0 GAL
TR 46 STA 105+50 TO 116+82	RC 70	20'	251.5 GAL
MAILBOX STA 100+50 (SEE DETAIL PAGE 3)	MC 30	8'	16.0 GAL
ENTRANCES (SEE DETAIL PAGE 3)	MC 30	VAR	265.0 GAL
INTERSECTION LT 102+00 (SEE DETAIL PAGE 3)	MC 30	VAR	36.4 GAL
			2087.1 GAL
			USE 2087 GAL

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION	QUANTITY
ENTIRE JOB	0.8 acre @ 100#/acre
	80.0 POUNDS
	80.0 POUNDS
	USE 80 POUNDS

20400800 FURNISHED EXCAVATION

(SEE EARTHWORK COMPUTATION SHEETS - USE 32% SHRINKAGE)

LOCATION	CALCULATION	QUANTITY
TR 46	1247 - [828 x (1-.32)]	684.0 CU YD
TR 117	242 - [819 x (1-.32)]	315.0 CU YD
		369.0 CU YD
		USE 369.0 CU YD

X4066614 BITUMINOUS CONCRETE BINDER COURSE
SUPERPAVE, IL-19.0, N50

LOCATION	WIDTH	SQ YARD	QUANTITY
TR 46 STA 88+00 TO 96+50	19'	1794.4	276.3 TON
TR 46 STA 96+50 TO 105+50	21'	2100.0	323.4 TON
TR 46 105+50 TO 116+82	20'	2515.6	387.4 TON
TR 117 STA 0+12 TO 4+50	21'	1022.0	157.4 TON
TR 117 4+50 TO 9+00	18'	900.0	138.6 TON
18" WIDENING AT CURVE	18"	143.1	22.0 TON
INTERSECTION (SEE DETAILS PAGE 3)	VAR	91.1	14.0 TON
			1319.1 TON
			USE 1319 TON

28000400 PERIMETER EROSION BARRIER

LOCATION	QUANTITY
TR 46 RT + LT STA 98+50 TO 100+00	300.0 FEET
TR 46 RT STA 101+50 TO 104+00	250.0 FEET
TR 117 RT STA 0+12 TO 1+00	100.0 FEET
	650.0 FEET
	USE 650.0 FEET

35101400 AGGREGATE BASE COURSE, TYPE B 10"

LOCATION	WIDTH	SQ YARD	QUANTITY
TR 46 STA 96+50 TO 105+50	22'	2200.0	1252.8 TON
TR 117 STA 0+12 TO 4+50	22'	1070.7	609.7 TON
EXTRA WIDTH INSIDE OF CURVE	2'	190.8	108.6 TON
INTERSECTION (SEE DETAIL PAGE 3)	VAR	124.4	70.9 TON
MAILBOX (SEE DETAIL PAGE 3)	8'	40.0	22.8 TON
			2064.8 TON
			USE 2065 TON

X4066414 BITUMINOUS CONCRETE SURFACE COURSE
SUPERPAVE MIX "C", N50

LOCATION	WIDTH	SQ YARD	QUANTITY
TR 46 STA 88+00 TO 96+50	19'	1794.4	125.6 TON
TR 46 STA 96+50 TO 105+50	21'	2100.0	147 TON
TR 46 105+50 TO 116+82	20'	2515.6	176.1 TON
TR 117 STA 0+12 TO 4+50	21'	1022.0	71.5 TON
TR 117 4+50 TO 9+00	18'	900.0	63.0 TON
18" WIDENING AT CURVE	18"	143.1	10 TON
INTERSECTION (SEE DETAILS PAGE 3)	VAR	91.1	6.4 TON
ENTRANCES (SEE DETAILS PAGE 3)	VAR	215.3	48.24 TON
MAIL BOX (SEE DETAILS PAGE 3)	VAR	40	8.96 TON
			656.8 TON
			USE 657 TON

28000300 TEMPORARY DITCH CHECKS

LOCATION	QUANTITY
TR 46 LT STA 97+80	1.0 EACH
TR 46 RT STA 98+00	1.0 EACH
TR 46 LT STA 101+88	1.0 EACH
TR 46 RT STA 103+50	1.0 EACH
TR 46 LT STA 103+80	1.0 EACH
TR 117 RT STA 5+00	1.0 EACH
	6.0 EACH
	USE 6.0 EACH

78001110 PAINT PAVEMENT MARKING LINE 4"

LOCATION	LENGTH	QUANTITY
EDGE STRIPES (WHITE)		
TR 46 STA 88+00 TO 116+82	2882'	5764.0 FT
TR 117 STA 0+12 TO 9+00	888'	1776.0 FT
		7540.0 FT
NO PASSING (YELLOW)		
TR 46 RT STA 88+00 TO 103+00	1500'	1500.0 FT
TR 466 LT STA 88+00 TO 108	2000'	2000.0 FT
TR 117 RT STA 0+12 TO 9+00	888'	888.0 FT
TR 117 LT STA 0+12 TO 2+00	188'	188.0 FT
TR 46 C 2+00 TO 9+00	700'	175.0 FT
TR 46 C 103+00 TO 116+82	1382'	345.5 FT
TR 46 C 106+00 TO 116+82	882'	220.5 FT
		5317.0 FT

25001000 SEEDING CLASS 2 (SPECIAL)

LOCATION	WIDTH	QUANTITY
TR 46 STA 96+50 TO 105+50	22'	0.454 ACRE
TR 117 STA 0+30 TO 4+50	26'	0.251 ACRE
AREAS NORTH OF INTERSECTION		
100+50 TO 1+75	VAR	0.088 ACRE
		0.793 ACRE
		USE 0.8 ACRE

48101200 AGGREGATE SHOULDERS TYPE B
NOTE: 2 SIDES @ 3' WIDE @ 4" DEEP - USE 2.05 TON/CU YD

LOCATION	SQ YARD	QUANTITY
TR 46 STA 88+00 TO 116+82	960.7	437.8 TON
TR 117 STA 0+12 TO 9+00	296.0	134.8 TON
		572.6 TON
		USE 573.0 TON

TOTAL 12857.0 FT