

CONTRACT 87526

SUMMARY OF QUANTITIES			FUND CODE	0005
ITEM #	CODE #	ITEM	UNIT	QUANTITY
*1	LR400740	COLD IN PLACE RECYCLING, 4.0"	SQ YD	49,950
*2	LR400005	CIR-FDR EMULSIFIED ASPHALT	GALLON	84,900
3	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,650
4	40600300	AGGREGATE (PRIME COAT)	TON	200
*5	40600625	LEVEL BINDER (MACHINE METHOD), N50	TON	4,200
*6	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	732
7	40600990	TEMPORARY RAMP	SQ YD	90
*8	40603310	HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50	TON	3,600
*9	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	236
*10	48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,400
11	67100100	MOBILIZATION	L SUM	1
*12	X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
13	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,175
14	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,642
*15	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	686
^16	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6,642
*17	Z0076600	TRAINEES	HR	1,000
*18	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HR	1,000

* SEE SPECIAL PROVISIONS Δ FUND CODE 0042
 ^ SPECIALTY ITEMS

STRUCTURAL OVERLAY

FLEXIBLE PAVEMENT IN PLACE RECYCLING FOR CLASS III ROADS USING CHAPTER 46-6

DESIGN PERIOD D. P. = 20 YEARS

DESIGN YEAR = 2022 PV=88% SU=7% MU=5%

DESIGN ADT = 600 IBV = 2.00 TRAFFIC FACTOR = 0.16

SN_F = 3.50 SN_R = 2.38 D_o = 2.80

MIXTURE TABLE		
	HMA LEVEL BINDER	HMA SURFACE
PG GRADE	PG64-22	PG64-22
DESIGN AIR Voids	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 12.5 OR IL 9.5
FRICITION AGGREGATE		MIXTURE C
DENSITY TEST METHOD	GROWTH CURVE	GROWTH CURVE

GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE TYPICAL X-SECTION IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA & CIR LIFTS.

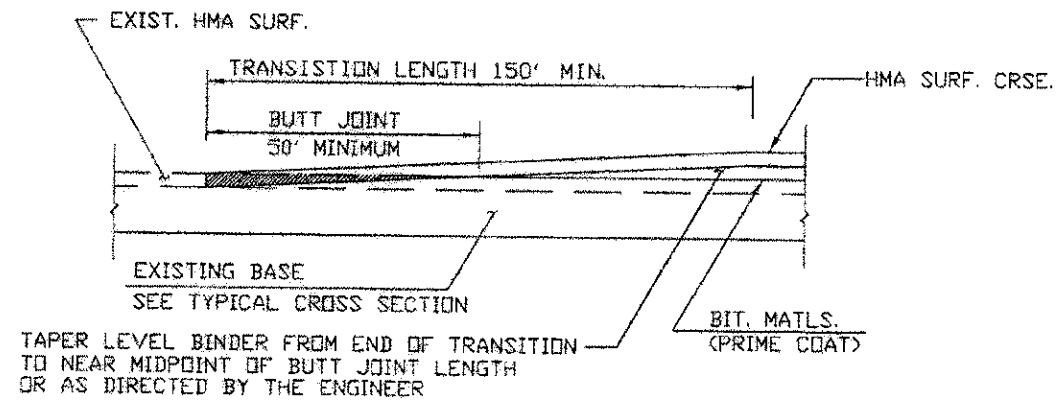
FOR ALL PAVEMENT MARKINGS ON FINAL SURFACES (I.E., MAINLINE PAVEMENT), ONLY TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUALITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.05	GAL/SQ YD
AGGREGATE PRIME COAT	0.002	TONS/SQ YD
LEVELING BINDER (MACHINE METHOD)	112	LBS/SQ YD/INCH
HOT MIX ASPHALT SURFACE COURSE	112	LBS/SQ YD/INCH
SHORT TERM PAVEMENT MARKING	4	FT/40 FT OF APPLICATION
PAINT PAVEMENT MARKING - LINE 4"	10	FT/40 FT OF APPLICATION
ENGINEERED ASPHALT EMULSION	1.70	GAL/SQ YD

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



SECTION NOTES

THE PROPOSED IMPROVEMENT CONSISTS OF COLD IN PLACE RECYCLING, LEVELING BINDER, HOT MIX ASPHALT SURFACE COURSE INCLUDING SHOULDER STONE AND ALL WORK NECESSARY TO COMPLETE THE PROJECT ACCORDING TO THE PLANS AND SPECIFICATIONS.

COUNTY HIGHWAY 37 WAS CONSTRUCTED UNDER SECTIONS:
 SECTION 219: 219G, 219Q, 219-Q1 AND 92-00219-00-SM
 SECTION 222: 222G, 222-Q AND 88-00222-01-RS