

**SUMMARY OF QUANTITIES**

FUND CODE 1000

CODE NO.	ITEM	UNIT	QUANTITY
△ 20201100	GRADING EXISTING SHOULDER	UNIT	762
△ 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	7,500
40600300	AGGREGATE (PRIME COAT)	TON	100
* 40600625	LEVEL BINDER, (MACHINE METHOD) N 50	TON	500
40600990	TEMPORARY RAMP	SQ YD	110
△ 40603310	HOT MIX ASPHALT, SURFACE COURSE, MIX "C", N 50	TON	8,300
40800050	INCIDENTAL HOT MIX ASPHALT SURFACING	TON	316
△ 44000157	HOT MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	93,134
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	122
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,000
67100100	MOBILIZATION	L SUM	1
△ 70100460	TRAFFIC CONTROL PROTECTION, 701306	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,620
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,270
** 78005110	EPOXY PAVEMENT MARKING, LINE 4"	FOOT	90,000
△ XX007274	LEVEL BINDER (MACHINE METHOD) SPECIAL	TON	11,600

LEVEL BINDER, MACHINE METHOD, N 50: Work is to be performed as a separate operation, before the Level Binder (Machine Method) Special and Surface Courses are placed on the road. This is to allow for superelevation correction through the curves near the Intersection of Ashley, Rd. and Caton Farm Rd. as directed by the engineer.

△ SPECIAL PROVISION ITEMS

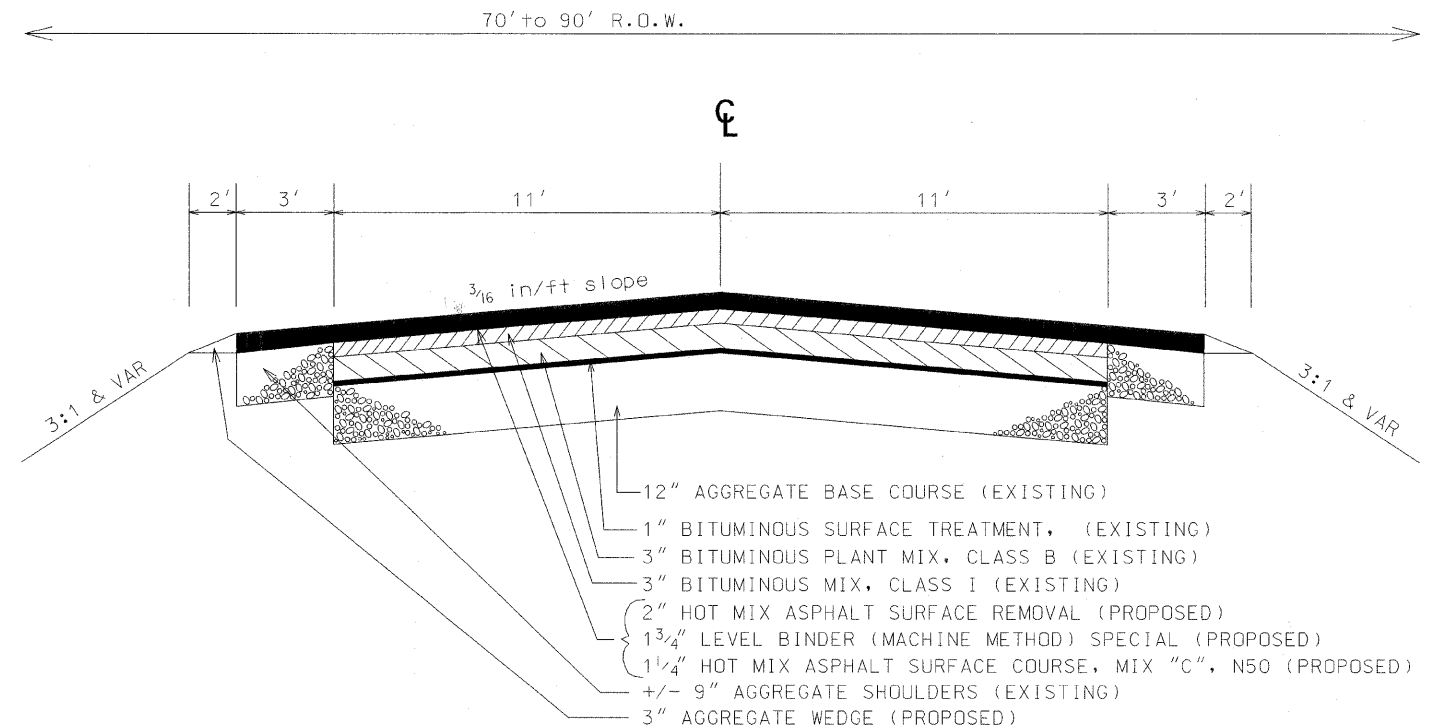
\*\* SPECIALTY ITEMS

**SIDE ROAD / ENTRANCE SCHEDULE**

DESCRIPTION	NUMBER	TONS /EACH	LEV BIND CSE SUPER, N50	HMA, SURF CSE, SUP MIX "C", N50	INC BIT SURFACING
MAILBOX TURNOUTS	25	0.60 (LEVEL BINDER) 0.42 (SURFACE)	15	11	
FIELD ENTRANCES	40	0.55 (LEVEL BINDER) 0.40 (SURFACE)	22	9	
PRIVATE ENTRANCES	36	6.0 (SURFACE)			216
SIDE ROADS	10	10.0 (SURFACE)			100
<b>TOTALS</b>			<b>* 37</b>	<b>* 20</b>	<b>316</b>

\* PAID FOR AS PART OF MAINLINE QUANTITIES

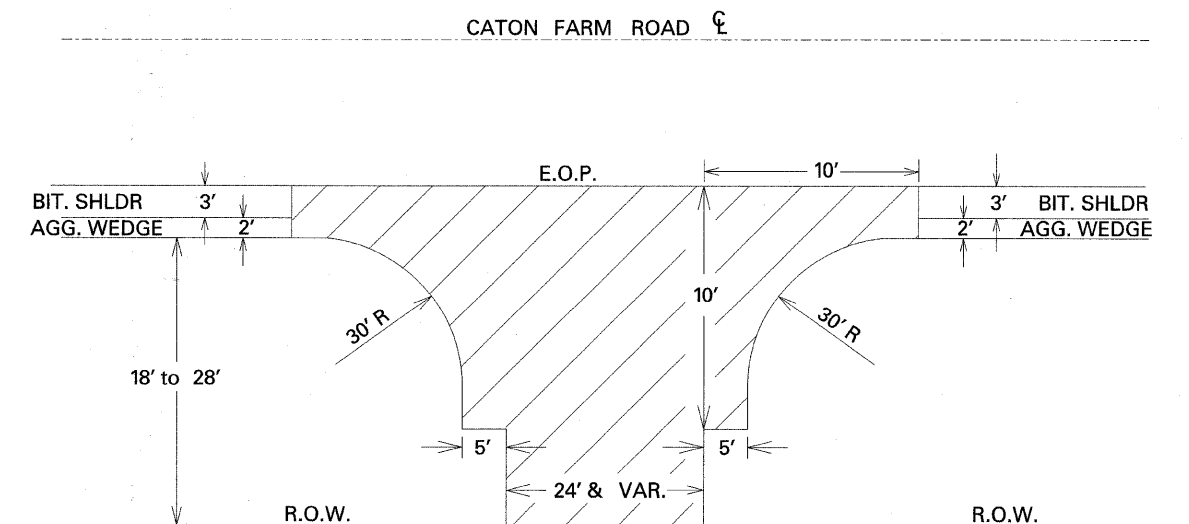
**TYPICAL SECTION CATON FARM ROAD**



F.A.S. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
300	KENDALL	2	2

SECTION 05-00082-00-RS  
JOB C-93-059-07  
CONTRACT 87348  
PROJECT RS-300(106)

**SIDE ROAD DETAIL**



**STRUCTURAL DESIGN INFORMATION**

CATON FARM ROAD  
SECTION 05-00082-00-RS

ROAD CLASSIFICATION: COLLECTOR, CLASS II  
STRUCTURAL DESIGN YEAR: 2016 (8-YR DESIGN)  
2016 ADT: 3550 PV (97%) = 3443 SU (2%) = 71 MU (1%) = 36  
TRAFFIC FACTOR = 0.168 IBV = 3  
STRUCTURAL NUMBER = 3.15

**PAVEMENT STRUCTURE MATERIALS**

Aggregate Base Course (Existing)	(12.00')(0.08)	=	0.96
Bituminous Surface Treatment, A-3 (Existing)	(1.5')(0.15)	=	0.23
Bituminous Plant Mix, Class B (Existing)	(3.00')(0.17)	=	0.51
Bituminous Mix Class I (Existing After Grinding)	(1.00')(0.30)	=	0.30
Hot Mix Asphalt, Level Binder & Surface Course (Proposed)	(3.00')(0.40)	=	1.20
			<b>3.20</b>

**SUPERELEVATION CORRECTIONS**

Curve Station	Existing Super	Proposed Super	Corrective Action
Curve 1 (PC) 300+50 (PT) 304+75	1.0% to 1.9% & var.	4.00%	Correct w/ level binder
Curve 2 (PC) 306+75 (PT) 310+50	1.5% to 2.9% & var.	4.00%	Correct w/ level binder
Curve 3 (PC) 314+00 (PT) 317+75	2.3% to 5.7% & var.	4.00%	Rotomill the high side of the super Correct with level binder
Curve 4 (PC) 319+75 (PT) 323+50	1.3% to 4.3% & var.	4.00%	Rotomill the high side of the super Correct with level binder