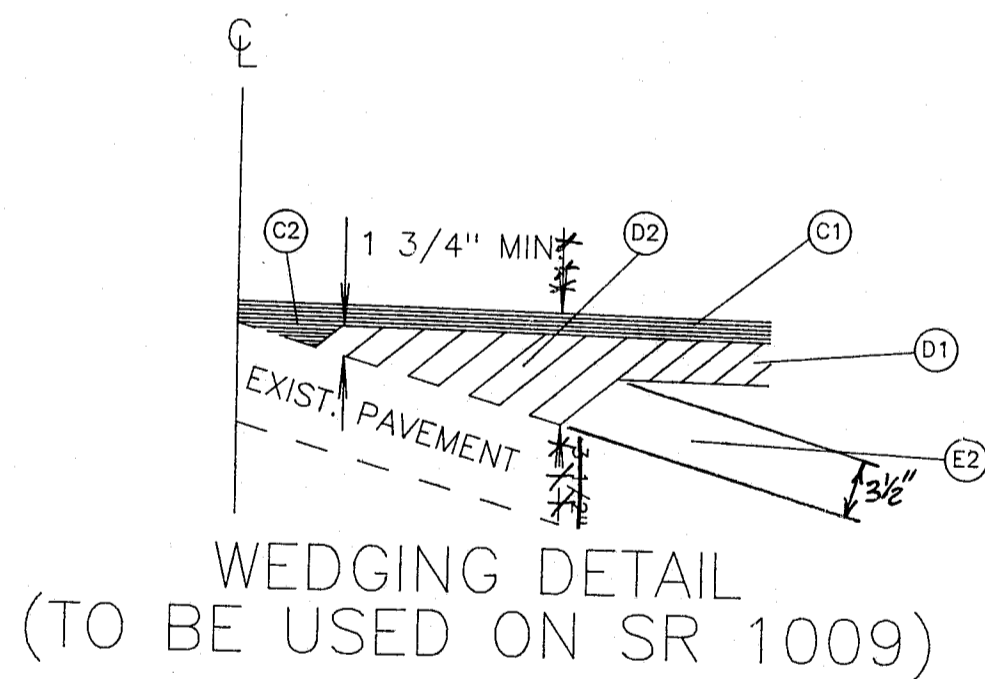


TYPICAL SECTION NO. 5  
SR 1009 STA. 48+21 TO 71+50 ±

NOTE: C1 & C2 SURFACE COURSES WILL BE APPLIED BY OTHERS  
BETWEEN STA 48+21 AND STA 51+30. D1 BINDER  
COURSE SHALL BE CONSTRUCTED UP TO EXISTING GRADE.



Centerline Sta	TC Left	Slope Left	Centerline El.	Slope Right	TC Right
4825.00			398.02	-0.0500	398.84
4850.00			398.38	-0.0500	397.19
4875.00			398.87	-0.0500	397.49
4900.00			398.94	0.0500	397.77
4925.00			398.18	0.0500	398.01
4950.00			398.39	-0.3500	398.22
4975.00			398.57	0.0500	398.40
5000.00			398.72	0.0500	398.54
5025.00			398.63	0.0500	398.66
5050.00			398.01	0.0500	398.74
5075.00			398.58	0.0462	398.68
5100.00			398.98	0.0393	398.49
5125.00			398.98	0.0374	398.29
5150.00			398.91	0.0244	398.06
5175.00			398.83	-0.0176	397.80
5200.00			398.72	0.0105	397.60
5225.00			398.68	0.0036	397.17
5250.00			398.40	-0.0034	396.81
5275.00			398.19	-0.0103	396.42
5300.00			398.35	-0.0173	395.99
5325.00			398.67	-0.0208	395.62
5350.00			398.37	-0.0208	395.38
5375.00			398.08	-0.0208	394.98
5400.00			394.68	-0.0208	394.61
5425.00			394.39	-0.0208	394.00
5450.00			393.69	-0.0208	393.43
5475.00			393.69	-0.0208	393.64
5500.00			393.43	-0.0208	393.38
5525.00			393.21	-0.0208	393.16
5550.00			393.02	-0.0208	392.95
5575.00			392.88	-0.0208	392.80
5600.00			392.70	-0.0208	392.65
5625.00			392.55	-0.0208	392.50
5650.00			392.40	-0.0208	392.35
5675.00			392.25	-0.0208	392.20
5700.00			392.09	-0.0208	392.04
5725.00			391.94	-0.0208	391.89
5750.00			391.79	-0.0208	391.74
5775.00			391.64	-0.0208	391.69
5800.00			391.49	-0.0208	391.44
5825.00			391.39	-0.0208	391.31
5850.00			391.25	-0.0208	391.24
5875.00			391.29	-0.0208	391.24
5900.00			391.58	-0.0208	391.79
5925.00			391.50	-0.0208	391.45
5950.00			391.70	-0.0208	391.65
5975.00			391.97	-0.0208	391.92
6000.00			392.31	-0.0208	392.28
6025.00			392.71	-0.0208	392.58
6050.00			393.18	-0.0208	393.12
6075.00			393.70	-0.0208	393.65
6100.00			394.28	-0.0208	394.24
6125.00			394.94	-0.0208	394.89
6150.00			395.54	-0.0208	395.50
6175.00			396.43	-0.0208	396.38
6200.00			397.27	-0.0208	397.22
6225.00			398.17	-0.0208	398.11
6250.00			399.13	-0.0208	399.07
6275.00			400.16	-0.0208	400.10
6300.00			401.29	-0.0208	401.18
6325.00			402.37	-0.0208	402.32
6350.00			403.52	-0.0190	403.52
6375.00			404.68	-0.0170	404.73
6400.00			405.85	-0.0140	405.98
6425.00			407.05	-0.0110	407.28
6450.00			408.26	-0.0085	408.55
6475.00			409.54	-0.0050	409.88
6500.00			410.82	-0.0030	411.24
6525.00			412.13	-0.0005	412.62
6550.00			413.47	0.0020	414.02
6575.00			414.83	0.0044	415.45
6600.00			416.22	0.0073	416.91
6625.00			417.64	0.0100	418.40
6650.00			419.07	0.0125	419.91
6675.00			420.50	0.0152	421.42
6700.00			421.93	0.0177	422.92
6725.00			423.36	0.0205	424.42
6750.00			424.79	0.0231	425.93
6775.00			426.97	0.0257	427.17
6800.00			427.20	0.0283	428.48
6825.00			428.38	0.0309	429.73
6850.00			429.49	0.0335	430.92
6875.00			430.56	0.0360	432.25
6900.00			431.58	0.0380	433.02
6925.00			432.60	0.0380	434.06
6950.00			434.28	0.0325	435.68
7000.00			435.12	0.0300	436.44
7025.00			435.99	0.0275	437.15
7050.00			436.82	0.0250	437.81
7075.00			437.29	0.0222	438.40
7100.00			437.91	0.0200	438.96

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2 B	
F.A. PROJ. NO.			

PAVEMENT SCHEDULE

- (C1) Prop. Approx. 2 1/2" Bit. Conc. Surface Course, Type HDS, at an Average Rate of 140 lbs. per Sq. Yd. in each of two layers.
- (C2) Prop. Var. Depth Bit. Conc. Surface course, Type HDS, at an Average Rate of 112 Lbs. per Sq. Yd. per 1" Depth to be placed in layers not less than 1 1/4" or greater than 1 3/4".
- (D1) Prop. Approx. 3 1/2" Bit. Conc. Binder Course, Type HDB at an Average Rate of 392 lbs. per Sq. Yd.
- (D2) Prop. Var. Depth Bit. Conc. Binder Course, Type HDB, at an Average Rate of 112 lbs. per Sq. Yd. per 1" Depth to be placed in layers not less than 1 3/4" or greater than 3 1/2" in Depth.
- (E1) Prop. Approx. 3 1/2" Bit. Conc. Base Course Type HB, at an Average Rate of 385 Lbs. per Sq. Yd.
- (E2) Prop. Var. Depth Bit. Conc. Base Course, Type HB, at an Average Rate of 110 Lbs. Per Sq. Yd. per 1" Depth to be placed in layers not greater than 5 1/2" in Depth or less than 3" in Depth.
- (J1) Prop. 8" Aggregate Base Course
- (J2) Prop. 10" Aggregate Base Course
- (J3) Prop. Var. Depth Aggregate Base Course
- (L) Subgrade to be Stabilized with 200 to 400 lbs. per Sq. Yd. of Stabilizer Aggregate Mixed with the top 3" of subgrade soil at Locations directed by the Engineer.
- (R1) 2' 6" Concrete Curb and Gutter
- (R2) 1' 6" Concrete Curb and Gutter
- (S) 5' Wide 4" Concrete Sidewalk
- (T) Earth Material
- (U) Existing Pavement
- (W) Variable Depth Bituminous Pavement (See Wedging Detail)

STRUCTURE LOCATION	STORM DRAINAGE DESIGN				PIPE DESIGN				STRUCTURE SPECS		
	Station & Top Offset	AREA (Ac.)	C	I <sub>10</sub> (cfs)	PIPE DIA.	MR %	UP SLOPE	DOWN SLOPE	LENGTH	GRADE TYPE	GRATE TYPE
1 50+90 RT 47	393.97	0.36	0.73	7.5	2.0					CB	TYPE-G
2 50+00 RT 47					1 - 24	0.0	0.10	390.75	385.90	170	2.58
2a 50+20 RT 28.5'					24 - 2	2.0	0.08	383.52	385.00	38	1.38
3 50+00 RT 47										42" Collar	
3a 50+00 RT 55'					3 - 36	115.0	1.30	383.54	383.30	12	2.00
5 50+88 RT 29'	391.19	0.36	0.73	7.5	2.0					Open end pipe	
6 54+90 RT 28'	393.45	0.36	0.73	7.5	2.0					CB	TYPE-E
4 50+16 RT 56'					6 - 4	0.0	0.10	389.90	386.00	155	2.52