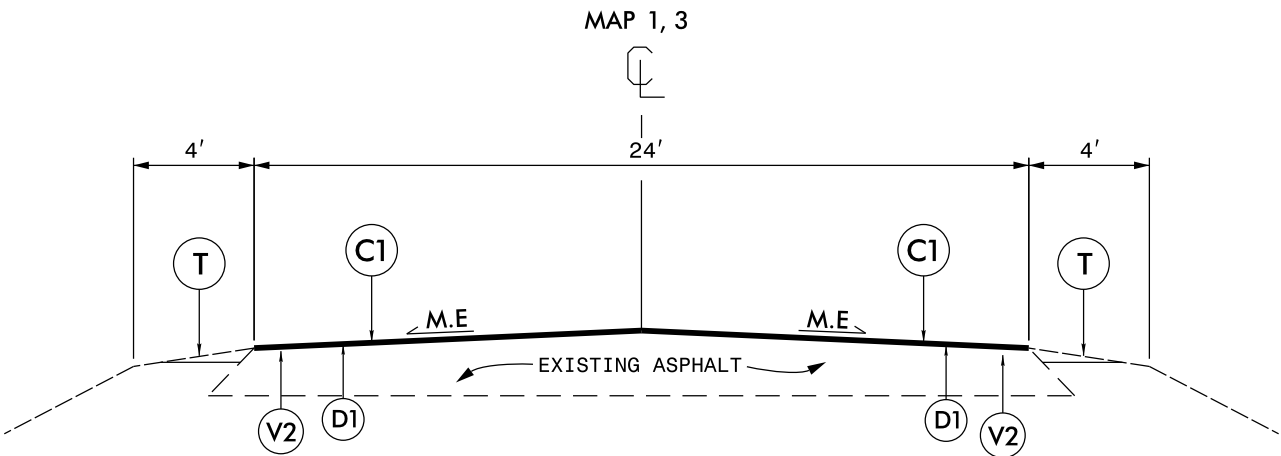
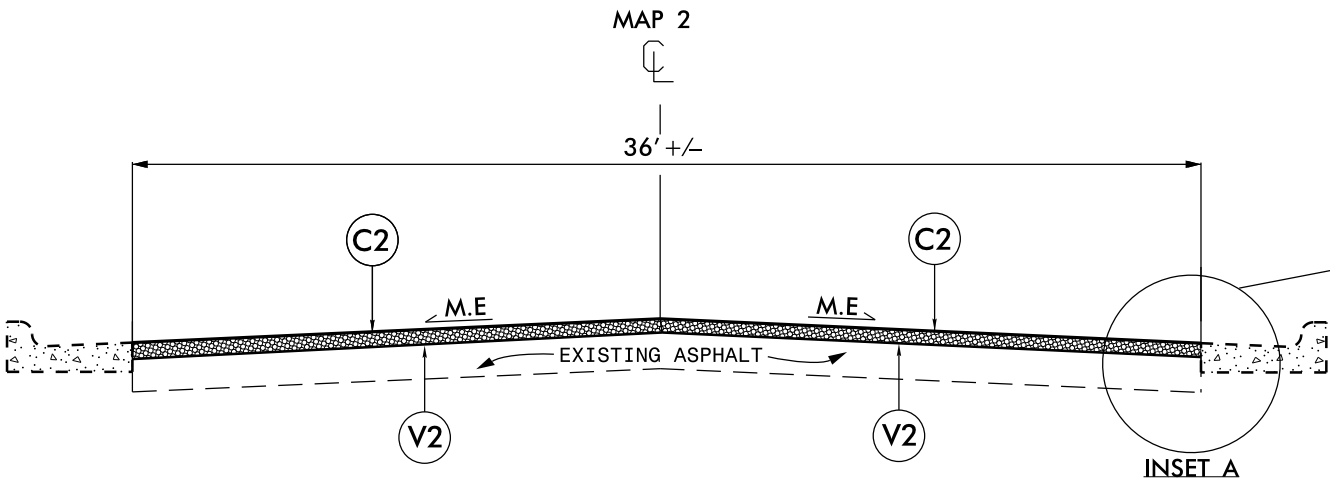


TYPICAL SECTION NO. 1



- NOTE:
1. PERFORM 2" DEPTH MILLING OF EXISTING PAVEMENT FULL WIDTH.
 2. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
 3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
 4. PLACE ASPHALT INTERMEDIATE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
 5. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

TYPICAL SECTION NO. 2



- NOTE:
1. MILL FULL WIDTH OF THE ENTIRE ROADWAY.
 2. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
 3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.

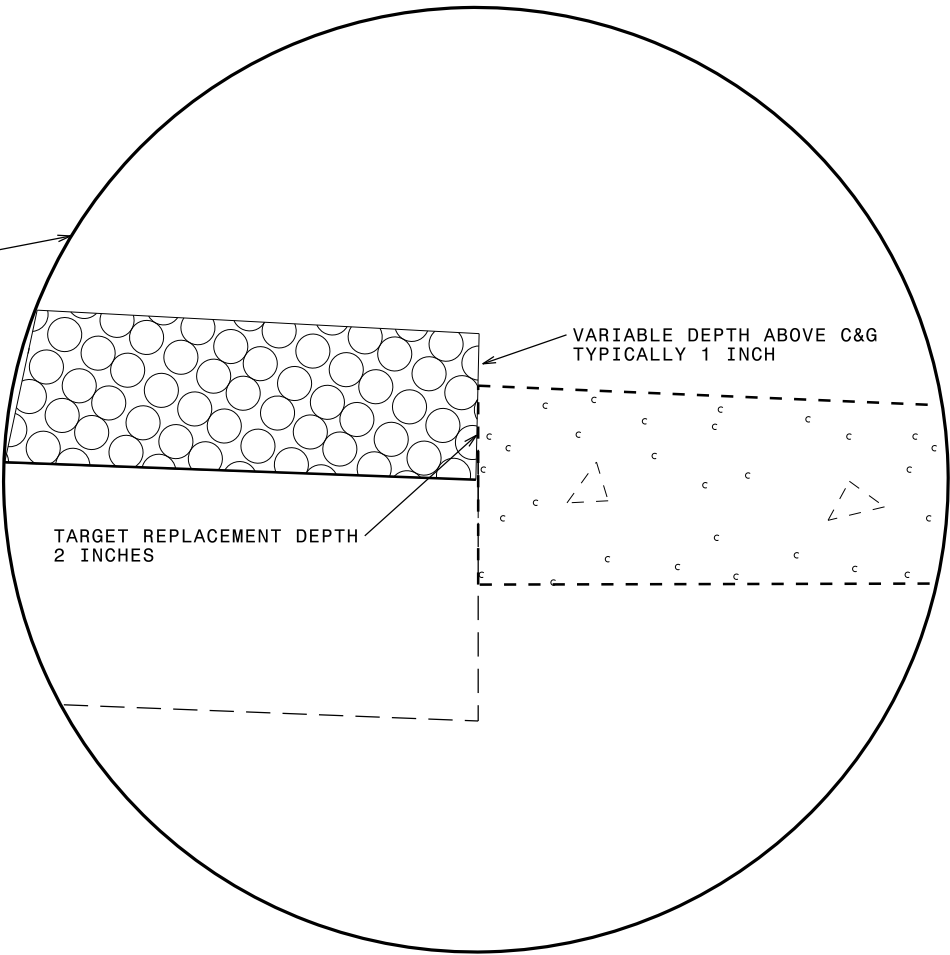
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S 9.5C, AT AN AVERAGE RATE OF 224.0 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING
V2	MILLING DEPTH OF 2"

DRAWINGS NOT TO SCALE

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

INSET A



PROJECT NO.	SHEET NO.	TOTAL NO.
DB00432	3	

SUMMARY OF QUANTITIES

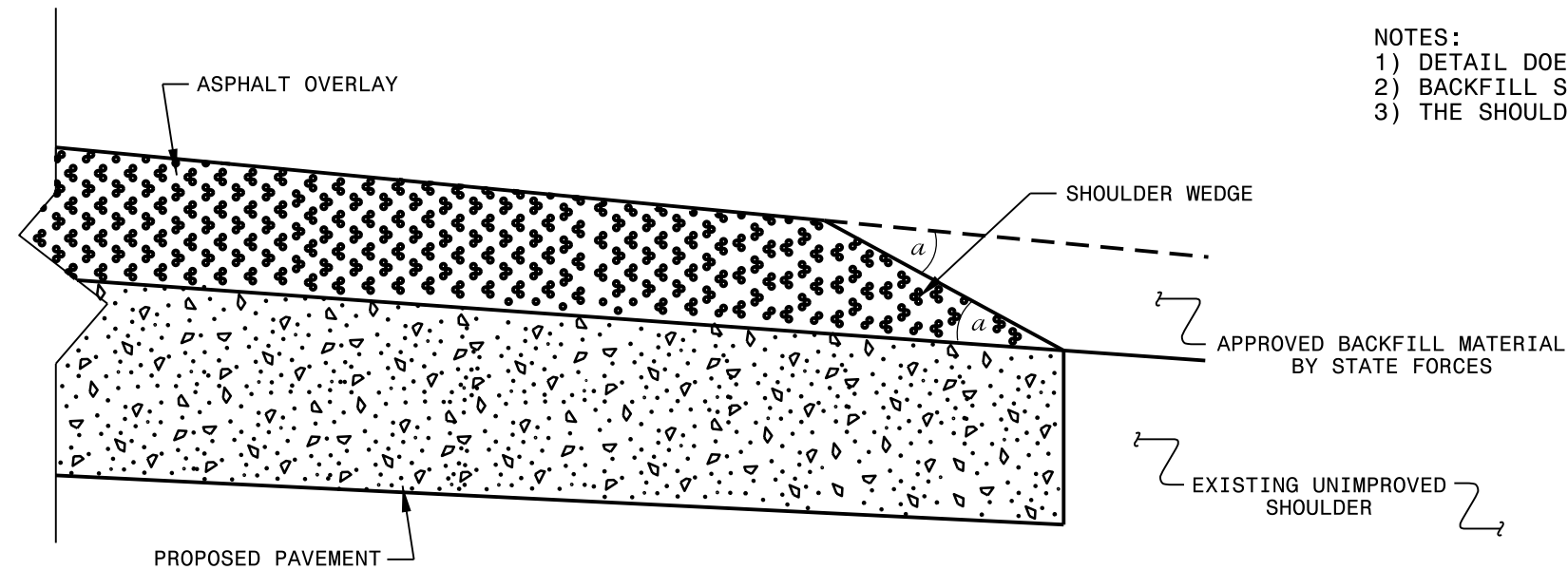
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0262000000-N	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1503000000-E	1523000000-E	1575000000-E	2600000000-N	2752000000-E	2800000000-N	2815000000-N	2830000000-N	2845000000-N	6000000000-E	6071010000-E	6084000000-E	6117000000-N
												HAULING NCDOT SUPPLIED SHOULDER MATERIAL EA	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTI ON SMI	2" MILLING SY	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	RETROFIT EXISTING CURB RAMP EA	2'6" CURB & GUTTER - REMOVE/REPLA CE LF	ADJ. OF CATCH BASIN EA	ADJ. OF DROP INLET EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC	RESPONSE FOR EROSION CONTROL EA
2019CPT.02.15.10401	Greene	1	NC 903	FROM LENOIR CO TO SR 1104 (C&G)	1	2	2WU	NO	NO	7.75	24	388	388	15.50	112,500	500	17,400	10,400	1,459							100	80	9.69	1
TOTAL FOR MAP NO. 1										7.75		388	388	15.50	112,500	500	17,400	10,400	1,459							100	80	9.69	1
2019CPT.02.15.10401	Greene	2	NC 903	FROM SR 1104 (C&G) TO US 258 (C&G)	2	2	2WU	NO	NO	0.55	36				13,600			1,600	96	5	90	1	1	1	1				
TOTAL FOR MAP NO. 2										0.55					13,600			1,600	96	5	90	1	1	1	1				
TOTAL FOR PROJ NO. 2019CPT.02.15.10401										8.30		388	388	15.50	126,100	500	17,400	12,000	1,555	5	90	1	1	1	1	100	80	9.69	1
2019CPT.02.16.10541	Lenoir	3	NC 903	FROM SR 1514 TO GREENE CO	1	2	2WU	NO	NO	3.79	24	190	190	7.58	54,000	400	8,400	5,000	703							100	40	4.74	1
TOTAL FOR MAP NO. 3										3.79		190	190	7.58	54,000	400	8,400	5,000	703							100	40	4.74	1
TOTAL FOR PROJ NO. 2019CPT.02.16.10541										3.79		190	190	7.58	54,000	400	8,400	5,000	703							100	40	4.74	1
GRAND TOTAL										12.09		578	578	23.08	180,100	900	25,800	17,000	2,258	5	90	1	1	1	1	200	120	14.43	2

MAP NO						STATION	STATION	LT	RT
						CURB & GUTTER REPAIR			
2						10+30	10+42		12'
2						17+75	18+00	25'	
2						18+36	18+64		28'
2						18+60	18+85	25'	
						STRENGTHENING - I19.0C			
1						0+00	409+22		
3						0+00	200+30		
						2" MILLING			
1						0+00	409+22		
2						0+00	29+12	-L-	
3						0+00	200+30		

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00432	4	

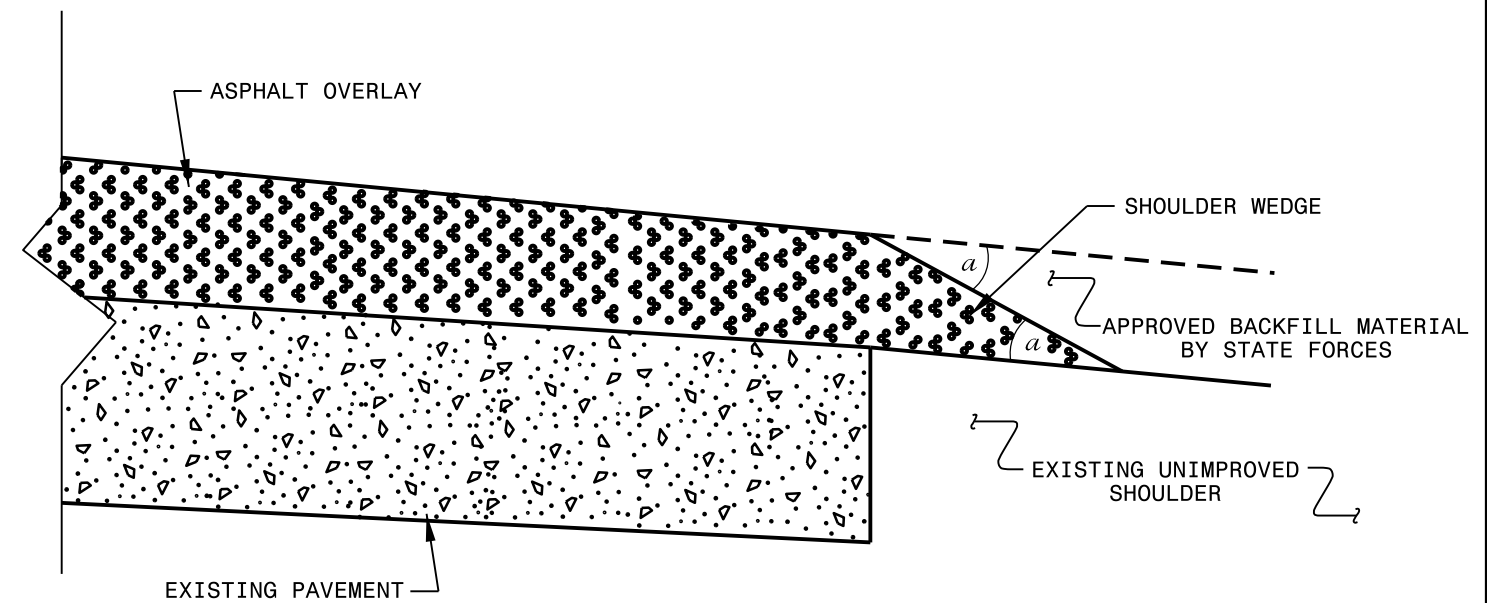
THERMOPLASTIC AND PAINT QUANTITIES

										4413000000-E	4457000000-N	4815000000-E		4825000000-E	4835000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" WHITE PAINT	6" YELLOW PAINT	12" WHITE PAINT	24" WHITE PAINT
								MI	FT	SF	LS	LF	LF	LF	LF
2019CPT.02.15.10401	Greene	1	NC 903	FROM LENOIR CO TO SR 1104 (C&G)	1	2	2WU	7.75	24	900	0.550	86,000	51,500		
TOTAL FOR MAP NO. 1								7.75		900	0.550	86,000	51,500		
2019CPT.02.15.10401	Greene	2	NC 903	FROM SR 1104 (C&G) TO US 258 (C&G)	2	2	2WU	0.55	36	70	0.040	400	5,800	500	100
TOTAL FOR MAP NO. 2								0.55		70	0.040	400	5,800	500	100
TOTAL FOR PROJ NO. 2019CPT.02.15.10401								8.30		970	0.590	86,400	57,300	500	100
												143,700			
2019CPT.02.16.10541	Lenoir	3	NC 903	FROM SR 1514 TO GREENE CO	1	2	2WU	3.79	24	425	0.270	42,000	16,000		
TOTAL FOR MAP NO. 3								3.79		425	0	42,000	16,000		
TOTAL FOR PROJ NO. 2019CPT.02.16.10541								3.79		425	0	42,000	16,000		
												58,000			
GRAND TOTAL								12.09		1,395	1	128,400	73,300	500	100
												201,700			

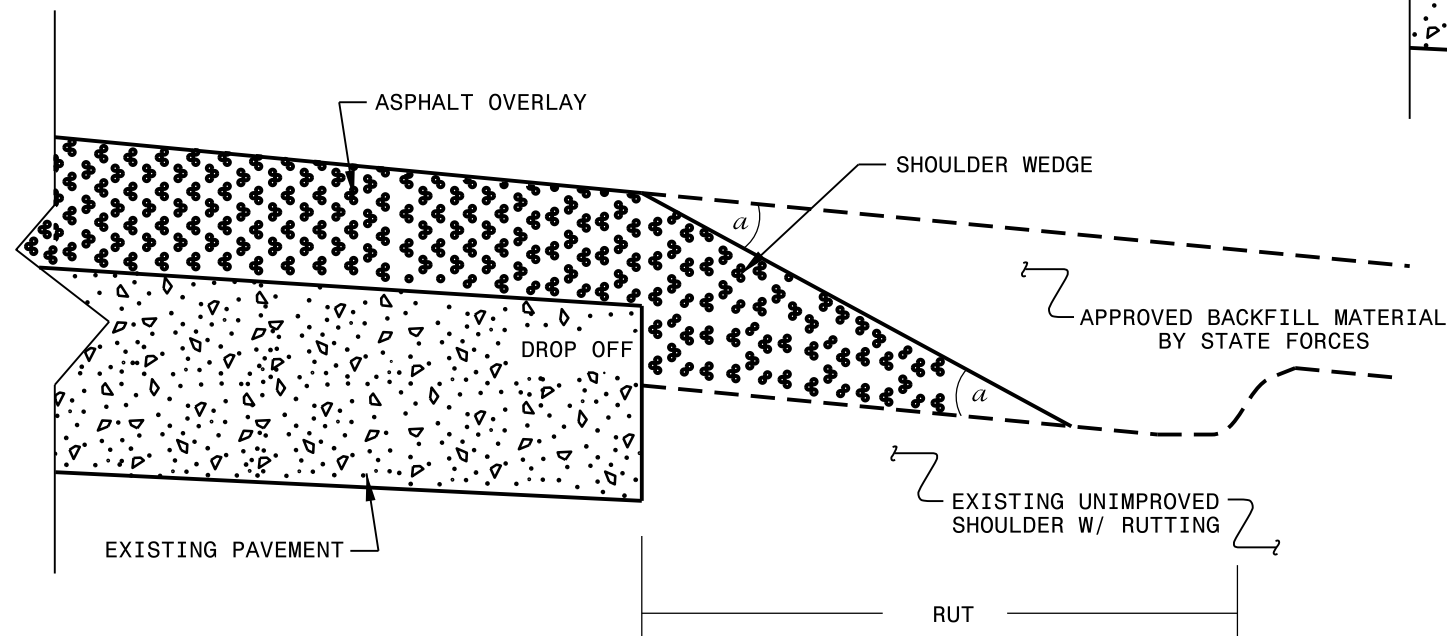


- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

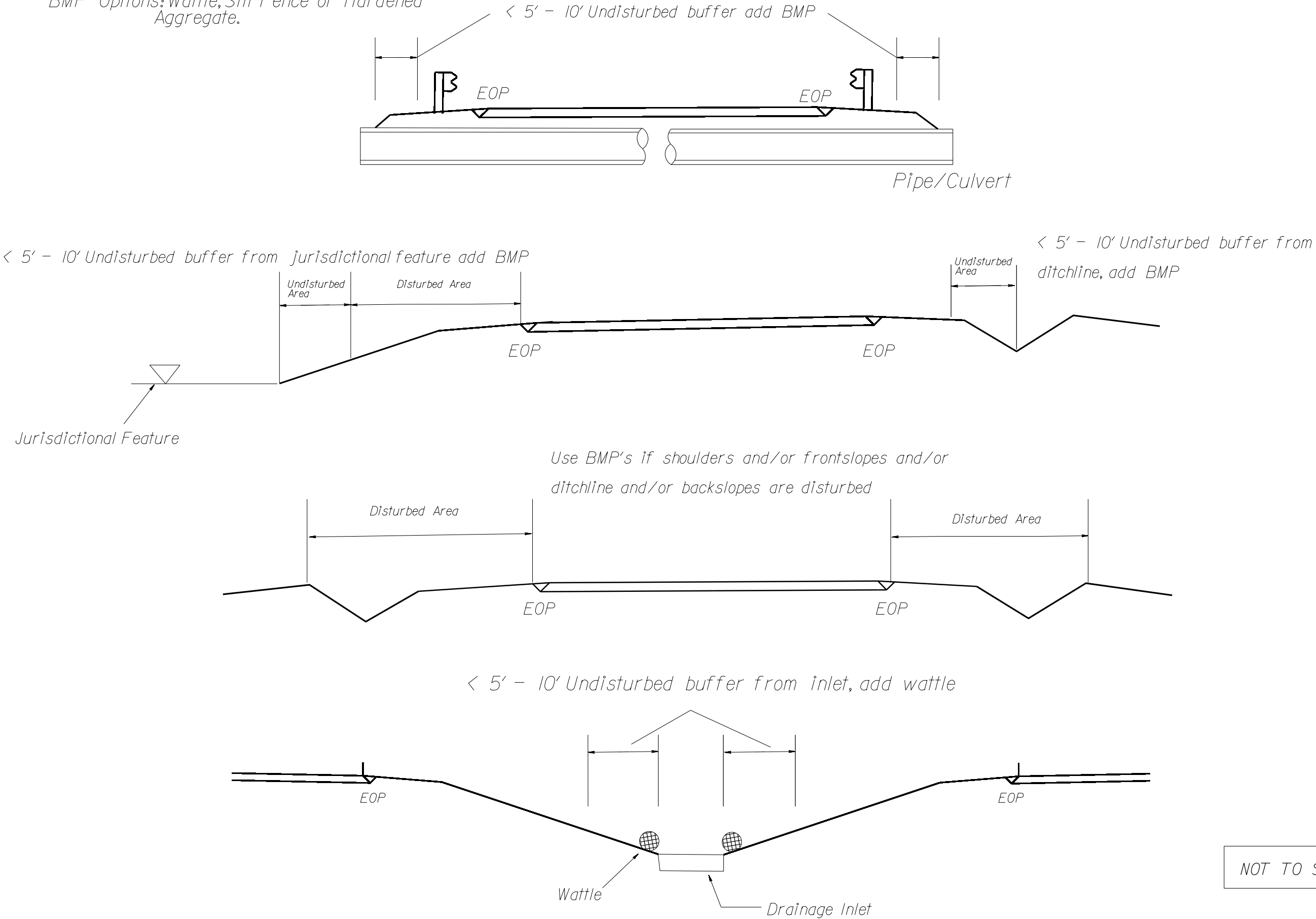
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn			

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

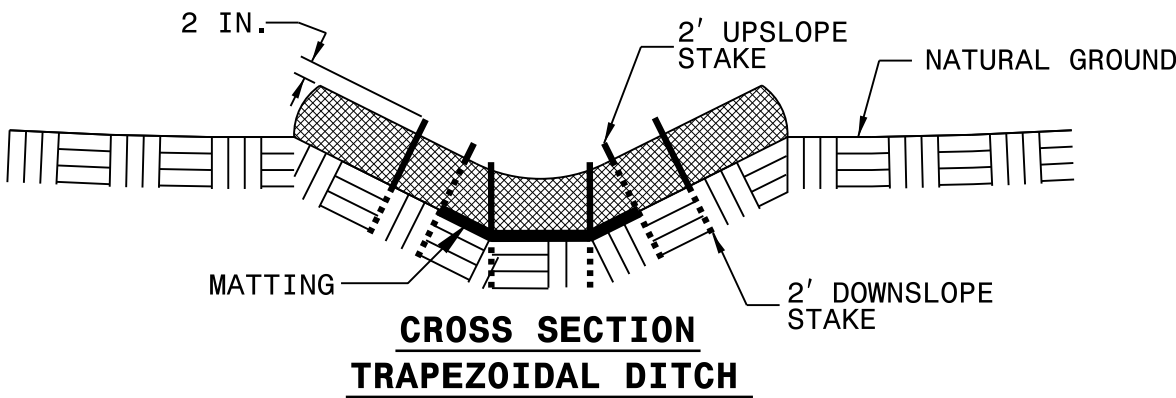
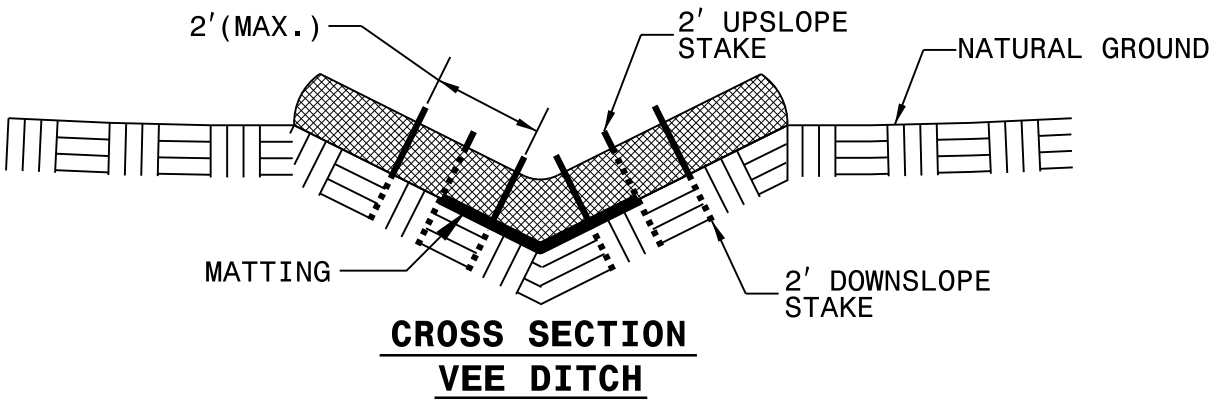
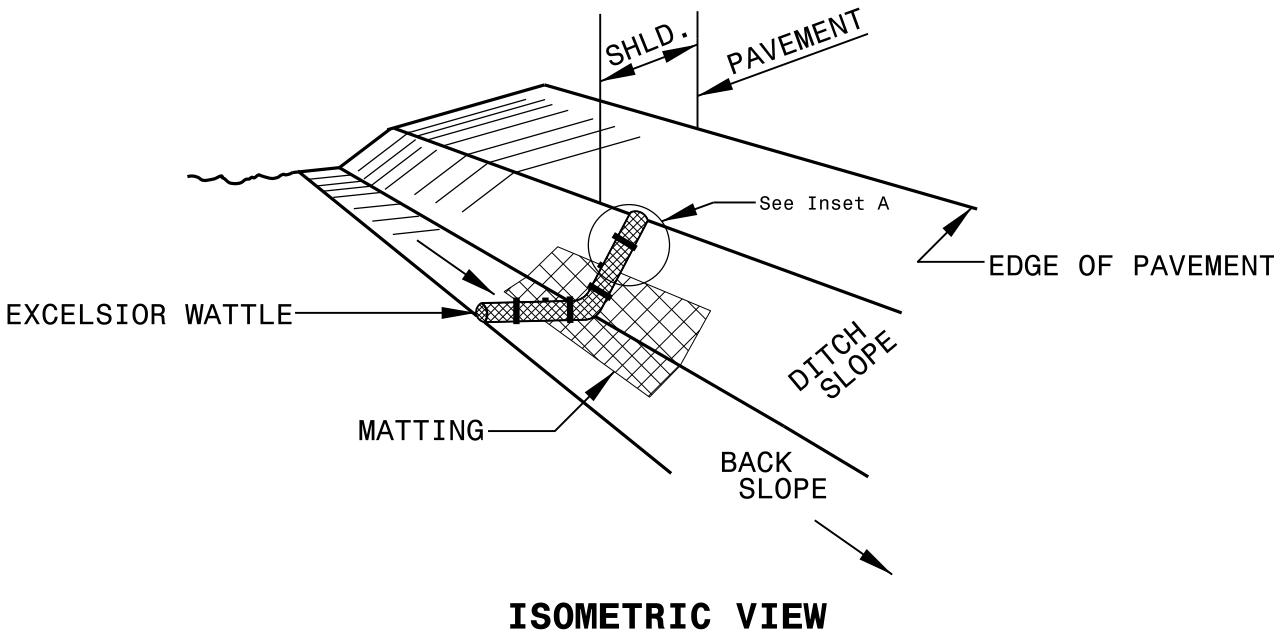
BMP Options: Wattle, Silt Fence or Hardened Aggregate.

EROSION CONTROL DETAIL



NOT TO SCALE

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

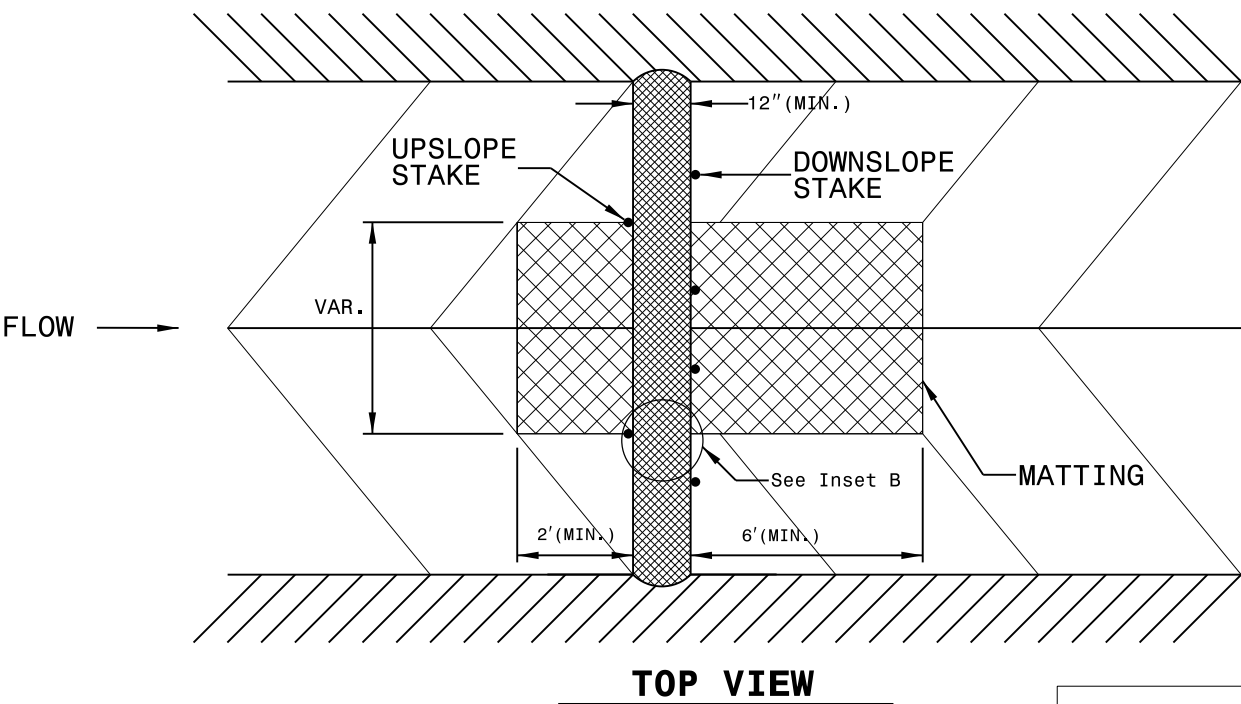
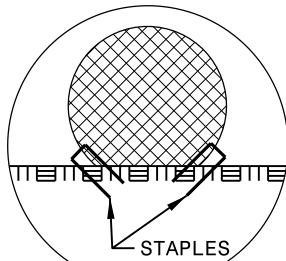
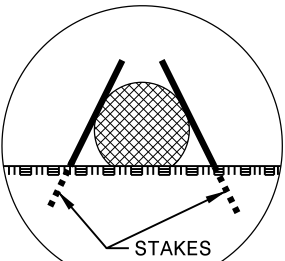
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

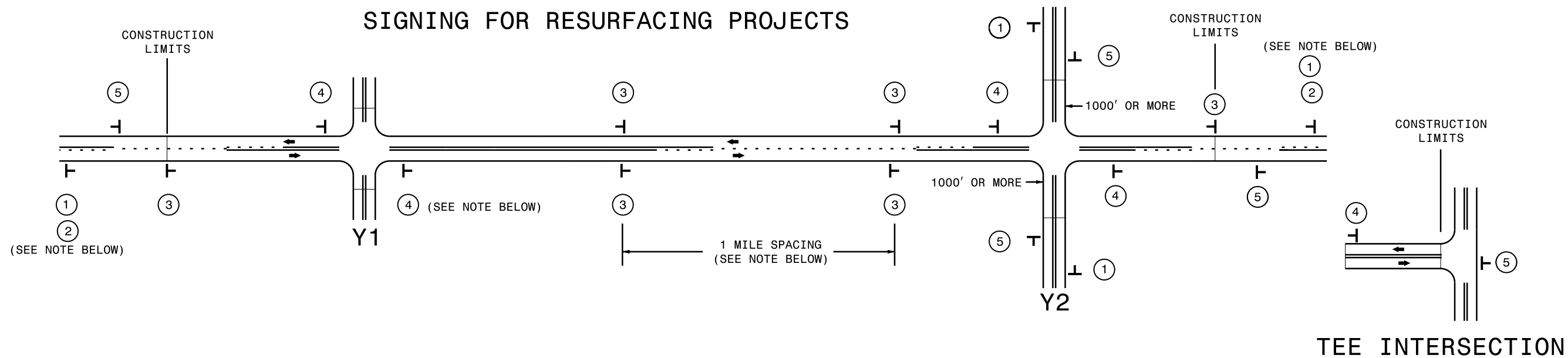
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



NOT TO SCALE



LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" - THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	