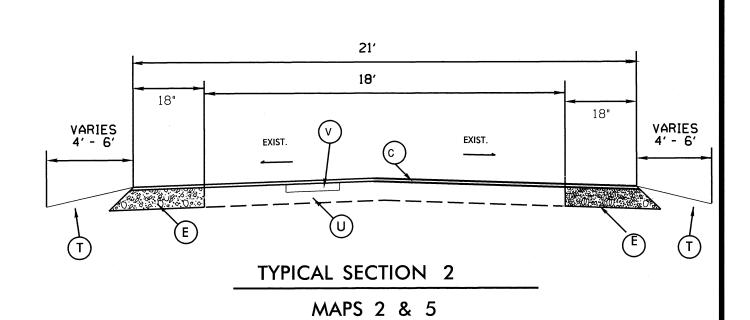
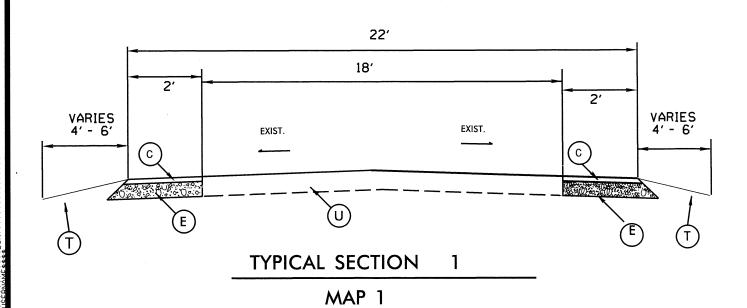
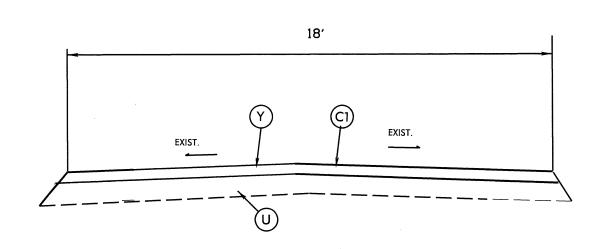


PAVEMENT SCHEDULE

С	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 225 LBS. PER SQ. YD.
D	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 287 LBS. PER SQ. YD.
Е	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B AT AN AVERAGE RATE OF 457 LBS. PER SQ. YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V	PATCHING EXISTING PAVEMENT WITH 2.5" I19.0B
Υ	MILLING EXISTING PAVEMENT 2"
Y1	INCIDENTAL MILLING AS NEEDED

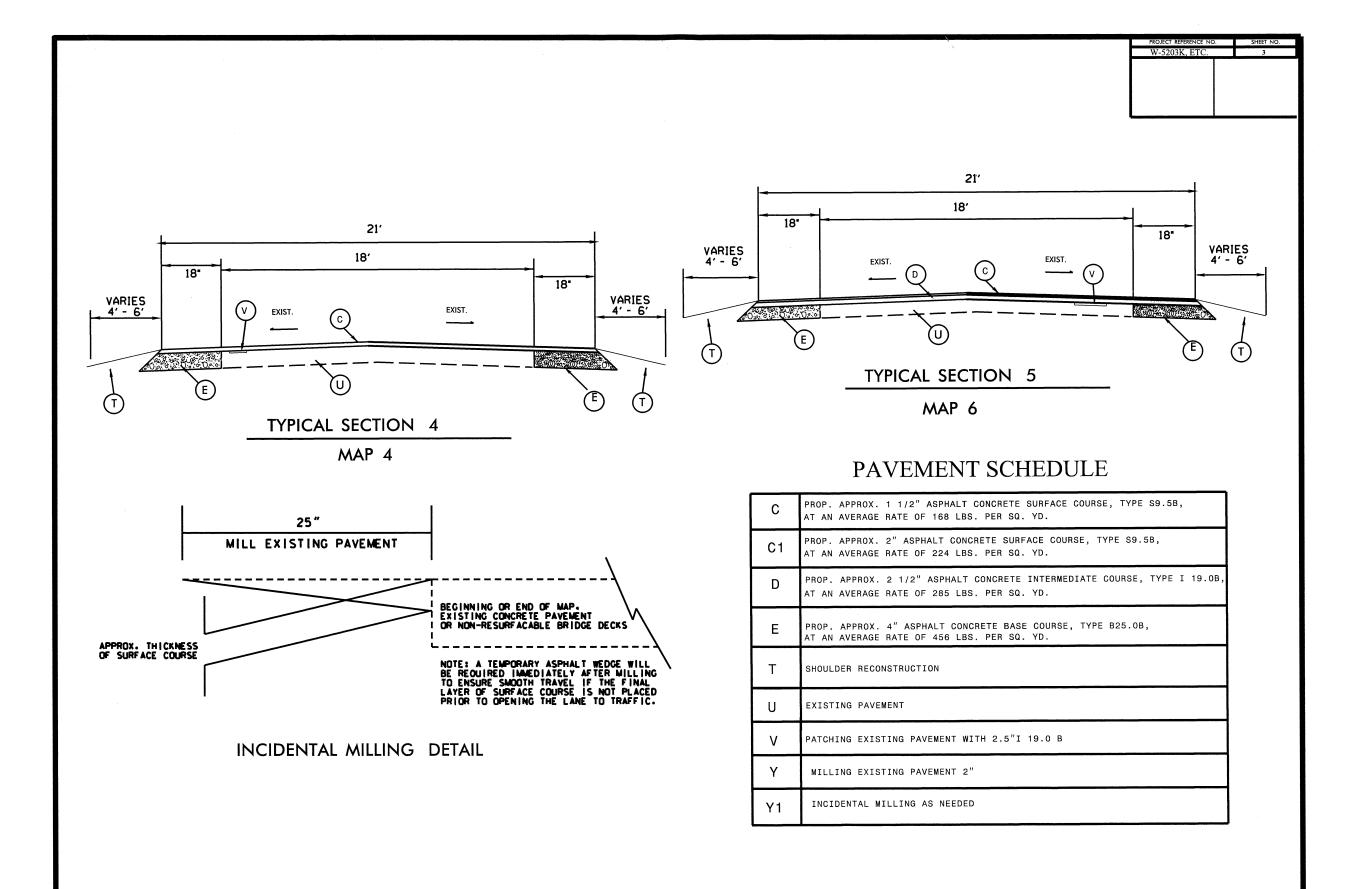


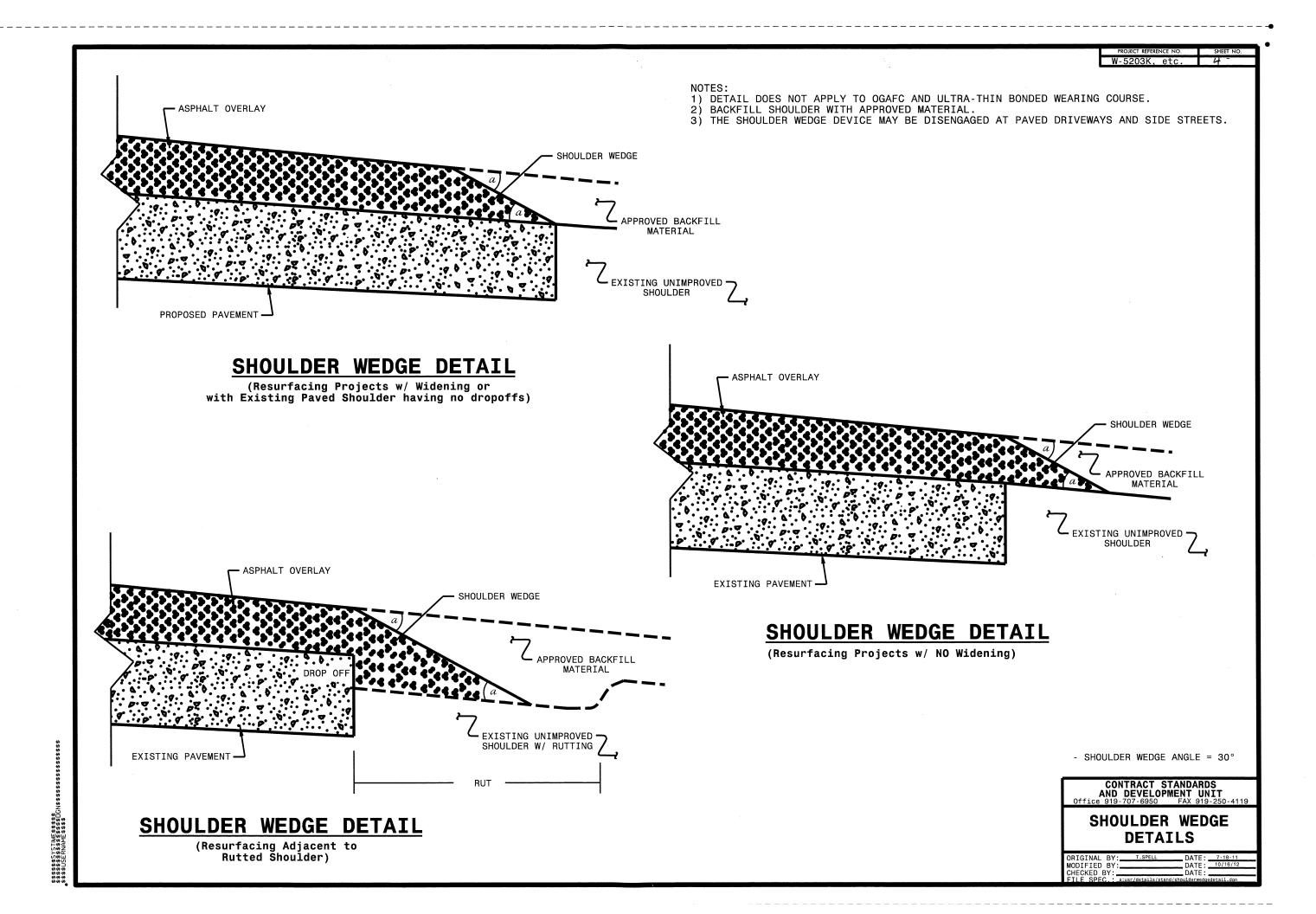




TYPICAL SECTION NO. 3

MAP 3, ALSO INCLUDES 500' 2" MILLING EAST OF THE INTERSECTION ON MAP 2





1N-5203K, etc. SAT, 5

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

MANHOLE

GENERAL NOTES:

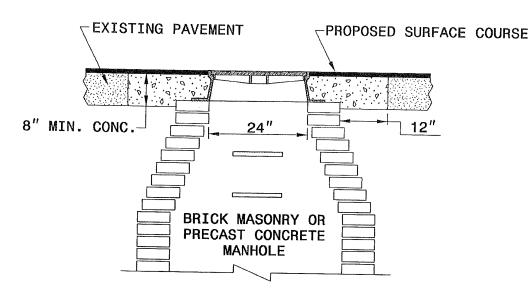
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE WITH A MINIMUM COMPRESSIVE STRENGHT OF 4000 PSI.

2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.

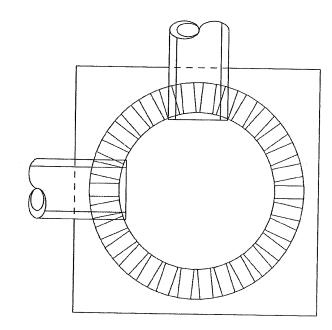
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.

4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.

5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS ½" +/- ½"



MANHOLE CONCRETE ENCASEMENT



ELEVATION VIEW

PLACE BRICK ACCORDING TO ELEVATION VIEW

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. S **ADJUSTMENT**

DRAWING BOX ENGLISH DETAIL VALVE AND Ш MANHOL

SHEET 1 OF 1 840D55

ENGLISH DETAIL AND VALVE **BOX** DRAWING **ADJUSTMENTS** FOR

-EXISTING PAVEMENT PROPOSED SURFACE COURSE 8" MIN. CONC.--VALVE BOX

VALVE BOX CONCRETE ENCASEMENT

SHEET 1 OF 1 840D55

PROJECT SERVICES UNI STANDARDS AND SPECIAL DE Office 919-250-4128 FAX 919-25

SEE PLATE FOR TI

MODIFIED BY: E.E. WARD DATE:
CHECKED BY: DATE:
FILE SPEC::/usr/details/stand/840d55.dgn

07-DEC-2005 (4:25 S:\Contracts\Contracts\Se erioward AT PS222293

¥	\	×.				
			PROJECT NO.	SHEET NO.	TOTAL NO.	
			W-5203K, W-5203P, W-5203R, W-5203S, W-5203Z, SS-4903AY	6		
			W-5203S, W-5203Z, SS-4903AY			

															,					W-5203K, W-520		ŀ	В	
							S	UMI	MARY	OF	OUA	NTITI	F S									S 840.27, 840, 16	05 01 AND 160	16.01
PROJECT	COUNTY	MAAD	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE		WARM MIX	LENGTH	WIDTH	FOUNDATION	18" RCP	INCIDENTAL	BORROW	SHOULDER	2" MILLING	INCIDENTAL	BASE COURSE.	INTERMEDIATE	SURFACE	SURFACE SURFACE	ASPHALT	PATCHING
PROJECT	COUNTY	IMAF	ROUTE	DESCRIPTION	117	LANES	LAINE TYPE	SURFACE TESTING REQUIRED	ASPHALT REQUIRED	LENGTH	WIDIR	CONDITIONING MATERIAL, MINOR STRS	CULVERTS, CL.	STONE BASE	EXCAVATION	RECONSTRUCTI ON	2 WILLING	MILLING	B25.0B	1	COURSE, S9.5B		BINDER COURSE	EXISTING PAVEMENT(MIL L)
NO		NO			NO					MI	FT	TON	LF	TONS	CY	SMI	SY	SY	TONS	TONS	TONS	TON	TON	TON
				FROM SR 1308 TO SR																				
W-5203K			SR 1311	2009	1	2	2WU	NO	NO	1.94	22	13.00	70	50	200	3.88		50	1,124		394		73	
	TOTAL FOR					<u> </u>				1.94		13.00	70	50	200	3.88		50	1,124		394		73	ļ
TC	TAL FOR P	ROJ W-520)3K			l	<u> </u>			1.94	L	13.00	70	50	200	3.88		50	1,124	1	394	lL	73	l
W-5203P	Onslow	2	SR 1213	500' EAST OF THE INTERSECTION OF SR 1213 & SR 1212 TO NC 53	2	2	2WU	YES	NO	3.95	21			100	100	7.90		50	1,761		4,237		332	72
	OTAL FOR									3.95				100	100	7.90		50	1,761		4,237		332	72
W-5203P	Onslow	3	SR1212	FROM 500' NORTH OF THE INTERSECTION OF SR 1213 & SR 1212 TO 500' SOUTH OF THE INTERSECTION	3	2	2WU	NO	NO	0.189	18						3,329	50			250		15	
	OTAL FOR			MITE INC.				- 110	 	0.189						l	3,329	50			250		15	
	TAL FOR P									4.139				100	100	7.9	3329	100	1761		4487		347	72
W-5203R			SR 1203	NC 53 TO SR 1207/SR 1203	4	2	2WU	YES	NO	4.68	21			100	100	9.36		50	2,087		4,872	2,162	530	25
	OTAL FOR									4.68				100	100	9.36		50	2,087		4,872	2,162	530	25
то	TAL FOR PI	ROJ W-520	03R		L	L	L			4.68				100	100	9.36		50	2,087		4,872	2,162	530	25
			1207/SR 1203	SR 1201 TO SR 1204	2	2	2WU	YES	NO	4.035	21			150	100	8.07		50	1,799		4,201		331	40
	OTAL FOR									4.035				150	100	8.07		50	1,799		4,201		331	40
то	TAL FOR PI	ROJ W-520	035	,		L	İ			4.035			1	150	100	8.07		50	1,799	l	4,201		331	40
W-5203Z	Onslow	6	SR 1425	SR 1243 TO SR 1434	5	2	2WU	YES	NO	3.74	21			100	100	7.48		2,500	1,668	6,631	3,893		625	200
	OTAL FOR									3.74				100	100	7.48		2,500	1,668	6,631	3,893		625	200
TO	TAL FOR P	ROJ W-520	03Z							3.74		1		100	100	7.48		2,500	1,668	6,631	3,893		625	200
				Ţ		,			т		т			T		, ,		r	T			г г		T
SS-4903AY			SR 1324	SR 1308 TO SR 1327		2	2WU	NO	NO	6.43	24	-							-	ļ				
	OTAL FOR					ļ	ļ			6.43		-				ļI				-				-
TO	AL FOR PR	OJ 55-490	SAY		L	L	l	1	LL	6.43	L	1		L	L			L						
	GRAND	TOTAL								24.964	T.	13	70	500	600	36.69	3329	2750	8439	6631	17847	2162	1906	337
PROJECT	COUNTY	МАР	ROUTE	DESCRIPTION	ТҮР	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	PIPE COLLARS	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.24	6" DRIVEWAYS	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	1/4" HARDWARE CLOTH	WATTLE	POLYACRYLAMI DE (PAM)	COIR FIBER BAFFLE	SEED & MULCHING

	TOTAL FOR	R MAP NO	0.7				ŀ		1	6.43														
TO.	TAL FOR PE	ROJ SS-49	903AY							6.43	L													
L											•					-					·			
	GRAND	D TOTAL					1		1	24.964	<u> </u>	13	70	500	600	36.69	3329	2750	8439	6631	17847	2162	1906	337
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	ТҮР	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	PIPE COLLARS	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.24	6" DRIVEWAYS	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	1/4" HARDWARE CLOTH	WATTLE	POLYACRYLAMI DE (PAM)	COIR FIBER BAFFLE	SEED & MULCHING
NO		NO			NO					м	FT	CY	EA	EA	SY	EA	LF	TON	TON	LF	LF	LB	LF	AC
(1		FROM SR 1308 TO SR																				
W-5203K	Onslow	1	SR 1311	2009	1	2	2WU	NO	NO	1.94	22	0.64	1.00	1.00	84		150	25	20	40			40	1.9
	TOTAL FOR	R MAP NO	0.1							1.94		0.64	1.00	1.00	84		150	25	20	40			40	1.9
TC	OTAL FOR P	PROJ W-5	203K							1.94		0.64	1.00	1.00	84	l	150	25	20	40	<u> </u>		40	1.9
W-5203P	Onslow	2	SR 1213	500' EAST OF THE INTERSECTION OF SR 1213 & SR 1212 TO NC 53	2	2	2WU	YES	NO	3.95	21						100	25	20					4.1
	TOTAL FOR	R MAP NO	0. 2							3.95							100	25	20					4.1
W-5203P	Onslow	3	SR1212	FROM 500' NORTH OF THE INTERSECTION OF SR 1213 & SR 1212 TO 500' SOUTH OF THE INTERSECTION	3	2	2WU	NO	NO	0.19	18													
	TOTAL FOR	R MAP NO	D. 3							0.19														
TC	OTAL FOR P	PROJ W-5	203P							4.14							100	25	20					4.1
W-5203R	Onslow TOTAL FOR		SR 1203	NC 53 TO SR 1207/SR 1203	4	2	2WU	YES	NO	4.68 4.68	21						100	25 25	20 20					3.4 3.4
TC	TAL FOR P	PROJ W-5	203R							4.68							100	25	20					3.4
				SR 1201 TO SR 1204	2	2	2WU	YES	NO	4.035	21						100	25	20		100			3.9
	TOTAL FOR								ļ	4.035							100	25	20		100			3.9
TC	OTAL FOR P	PROJ W-5	5203S			<u></u>				4.035		L			l	1	100	25	20	L	100	1		3.9
W-5203Z			SR 1425	SR 1243 TO SR 1434	5	2	2WU	YES	NO	3.74	21					7	500	50	40 40		200	1		3.6 3.6
	TOTAL FOR P					ļ		 	-	3.74 3.74	-	 		 		7	500	50	40	-	200	1 1		3.6
10	JIAL FOR P	PROJ W-S	52032		L	L	1	L	1	3./4	L		L	1	L	· · ·	1 300	1 30	40	1		1		1 3.0
SS-4903AY	Onslow TOTAL FOR		SR 1324	SR 1308 TO SR 1327		2	2WU	NO	NO	6.43 6.43	24							1						
	TAL FOR PE					 	+	 	†	6.43	†	1				 	 	†				1		
	OKT	33-4	3037.1		L	I		L		1 3.43	J		I			·	.1	_L						· · · · · · · · · · · · · · · · · · ·
	GRANI	D TOTAL								24.965	1	0.64	1	1	84	7	950	150	120	40	300	1	40	16.9

PROJECT NO.		SHEET NO.	TOTAL NO.
W-5203K, W-5203P, W-5203R,	W-5203S, W-	7	
5203Z, SS-4903AY			

THERMOPLASTIC AND PAINT QUANTITIES

					T	T	T	T		4413000000-E	4457000000-N	46860	00000-E	4890000000-E	4710000000-E		4721000000-E	MAN TO A STATE OF THE STATE OF		4725000000-E		48100	00000-E	4900000000-N	4905000000-1
PROJECT	COUNTY	МАР	ROUTE	DESCRIPTION	ТҮР	LANES	TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GE NERAL WARNING	TEMPORARY TRAFFIC CONTROL	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	THERMOPLASTIC PROFILED PAVEMENT MARKING LINES	24" X 120 M WHITE THERMO	THERMO MSG AHEAD 120 M	1	THERMO MSG SCHOOL 120 M	THERMO LT ARROW 90 M	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	YELLOW & YELLOW MARKERS	SNOW PLOWABLE MARKERS (Y/Y)
NO		NO			NO					SIGNING SF	LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	LF	EA	EA
W-5203K	Onslow	1	SR 1311	FROM SR 1308 TO SR 2009		2	2WU	1.94	22	775	1	25,608	41,749											128	
TOT	AL FOR PRO	OLNO M	/-5203K					1.94		775	1	25,608	41,749											128	
					<u> </u>							67	,357											L	
			· · · · · · · · · · · · · · · · · · ·	,			1										T							T	
W-5203P	Onslow	2	SR 1213	500' EAST OF THE INTERSECTION OF SR 1213 & SR 1212 TO N C 53	2	,	2WU	3.95	21	1,162	*	41,712		41,712	30	5	4		1		2				261
				SKILLS & SKILLE TO KESS	† -	-	+	3.95		1,162	*	41,712		41,712	30	5	4		1		2			 	261
	TOTAL FOR	MAP N	0. 2		1		†						.,712		30		9	1		3	.1		<u> </u>		
W-5203P	Onslow	3	SR1212	FROM 500' N ORTH OF THE INTERSECTION OF SR 1213 & SR 1212 TO 500' SOUTH OF THE INTERSECTION	1	2	21/1/1	0.189	20	32	*											2,050	2,000	13	
	TOTAL FOR			INTERSECTION	1	 	1200	0.189	20	32	*							 				2,050	2,000	13	261
	OTAL FOR P				<u> </u>		+	0.203		1,194		41	.712	41,712	30		9	 					050		
													Ť –				T	1					1		
W-5203R	Onslow	4	SR 1203	NC 53 TO SR 1207/SR 1203	4	2	2WU	4.68	21	764	*	49,420		49,420											309
TO	OTAL FOR P	ROI W-	5203R					4.68		764		49,420		49,420											309
				<u> </u>		<u> </u>			l			49	9,420	L					L					L	L
W-5203S	Onslow	5	SR 1207/SR 1203	SR 1201 TO SR 1204	2	2	2WU	4.035	21	852	*	42,610	T	42,610					1						266
T	OTAL FOR P	ROI W-	52035					4.035		852		42,610	<u> </u>	42,610						I					266
					<u></u>	L	<u> </u>					42	2,610	<u> </u>	L	<u> </u>			L			L			
W-5203Z	Onslow	6	SR 1425	SR 1243 TO SR 1434	5	2	T ₂ WU	3.74	21	980	*	39,495	1	39,495	284	1	1	12		1	1	I	T	T	247
					Ť	<u> </u>	+=::-	3.74		980		39,495		39,495	284		†	12			1				247
TO	OTAL FOR P	ROJ W-	52032										,495				12								
CC 4000 AV			CD 4224	CD 4200 TO CD 4227	1	1 2	Laver	T 6.40		1 1 250		67.000	1 2000	· · · · · · · · · · · · · · · · · · ·	T 500	Т	Т	T 43	T	T 2	Т ,	1	Т	1	1
SS-4903AY	Onslow	7	SR 1324	SR 1308 TO SR 1327	\vdash	1 2	1 2WU	6.43 6.43	24	1,360 1,360	-	67,900 67,900	3,000 3,000	 	520 520	 		12 12	3	8	3	-			-
TO	TAL FOR PE	ROJ 55-4	903AY		+-	 	+	0.43	 	1,300),900		320		12	1 12	 	14	1		<u> </u>		
				1												<u> </u>									
	GRANI	TOTAL						24.775		5,925	1	266,745	44,749	173,237	834	5	4	24	4	8	5	2,050	2,000	141	1,083
									1	<u> </u>		31	1,494		1	1	33		<u> </u>	17		4,	,050	<u> </u>	1

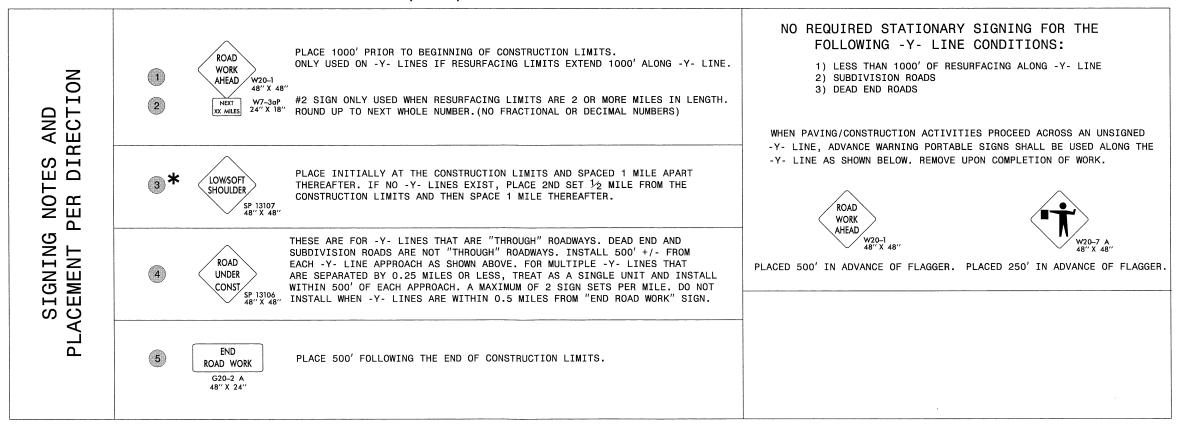
LEGEND

├ STATIONARY SIGN

◆ DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING



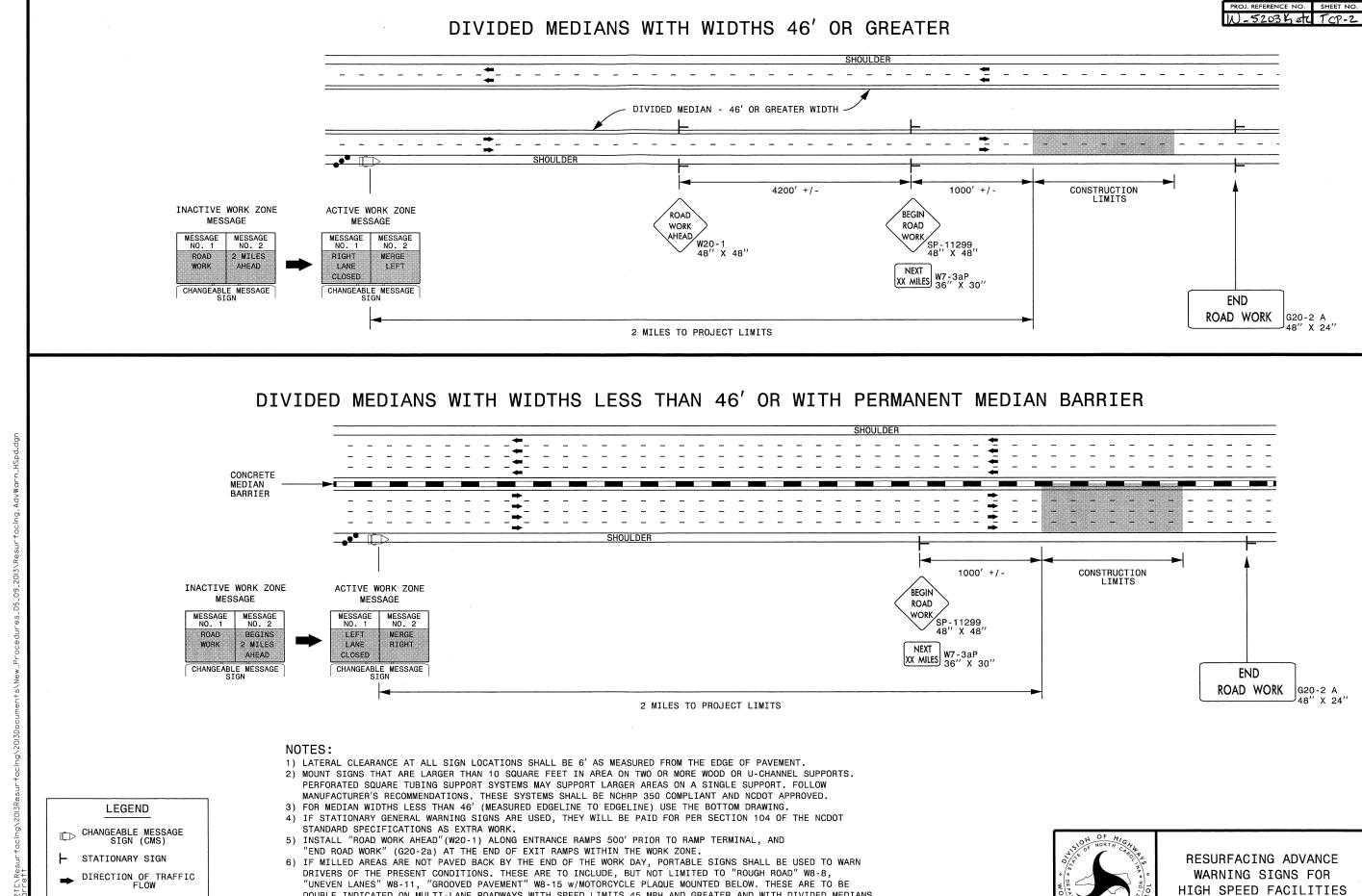
* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

PROJ. REFERENCE NO. SHEET NO.



≥60 MPH

DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS

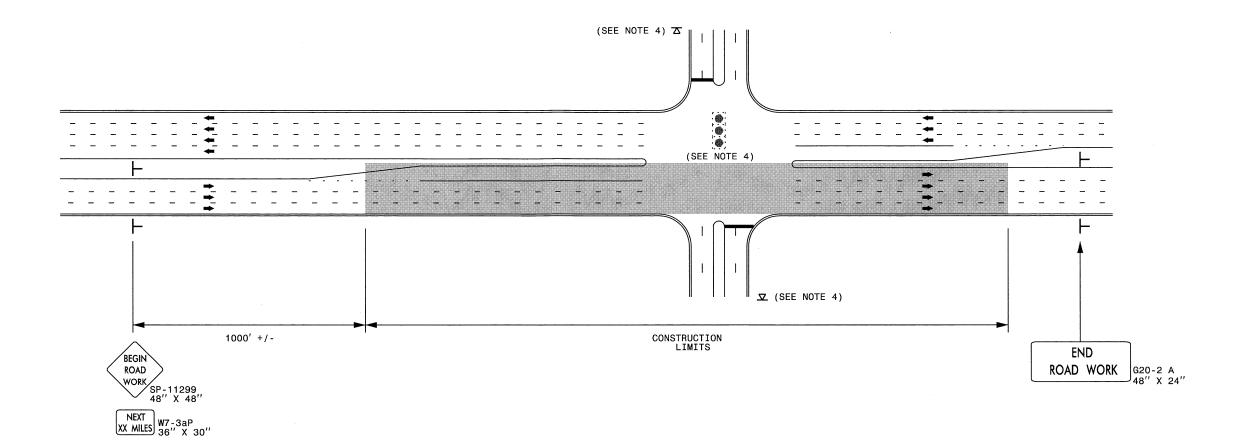
OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE

TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

TRAFFIC DRUM

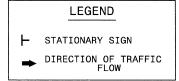
PROJ. REFERENCE NO. SHEET NO.
W-5203Keta TCP-3

URBAN / SUBURBAN WORKZONES



NOTES:

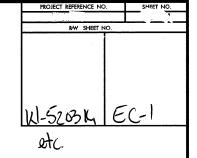
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

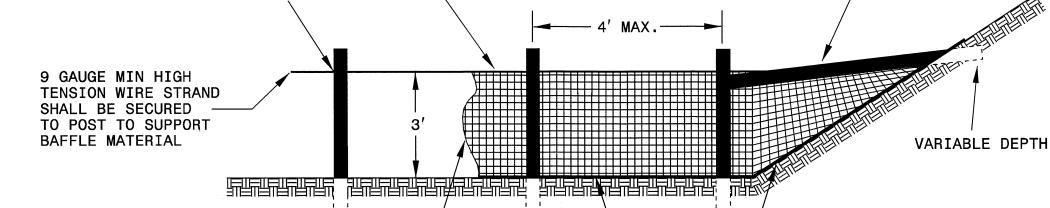




RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES







DRAPE BAFFLE MATERIAL OVER WIRE STRAND

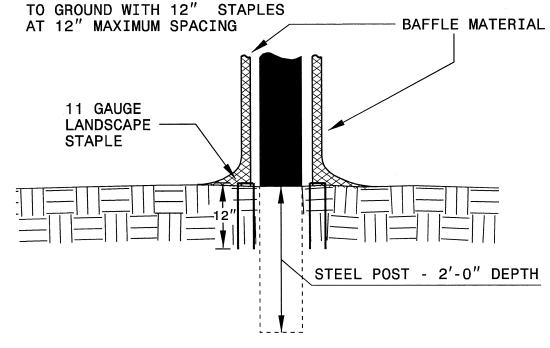
AND SECURE WITH PLASTIC TIES AT POSTS

BAFFLE MATERIAL -

AND ON WIRE EVERY 12"

NOTES:

- 1. INSTALL THREE(3) COIR FIBER
 BAFFLES IN SILT BASINS AND SEDIMENT
 DAMS AT DRAINAGE OUTLETS WITH A
 SPACING OF 1/4 THE BASIN LENGTH.
- 2. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF 1/3 THE BASIN LENGTH.
- 3. TOP HEIGHT OF COIR FIBER BAFFLES SHALL NOT BE BELOW BASE OF EMERGENCY SPILLWAY ELEVATION.



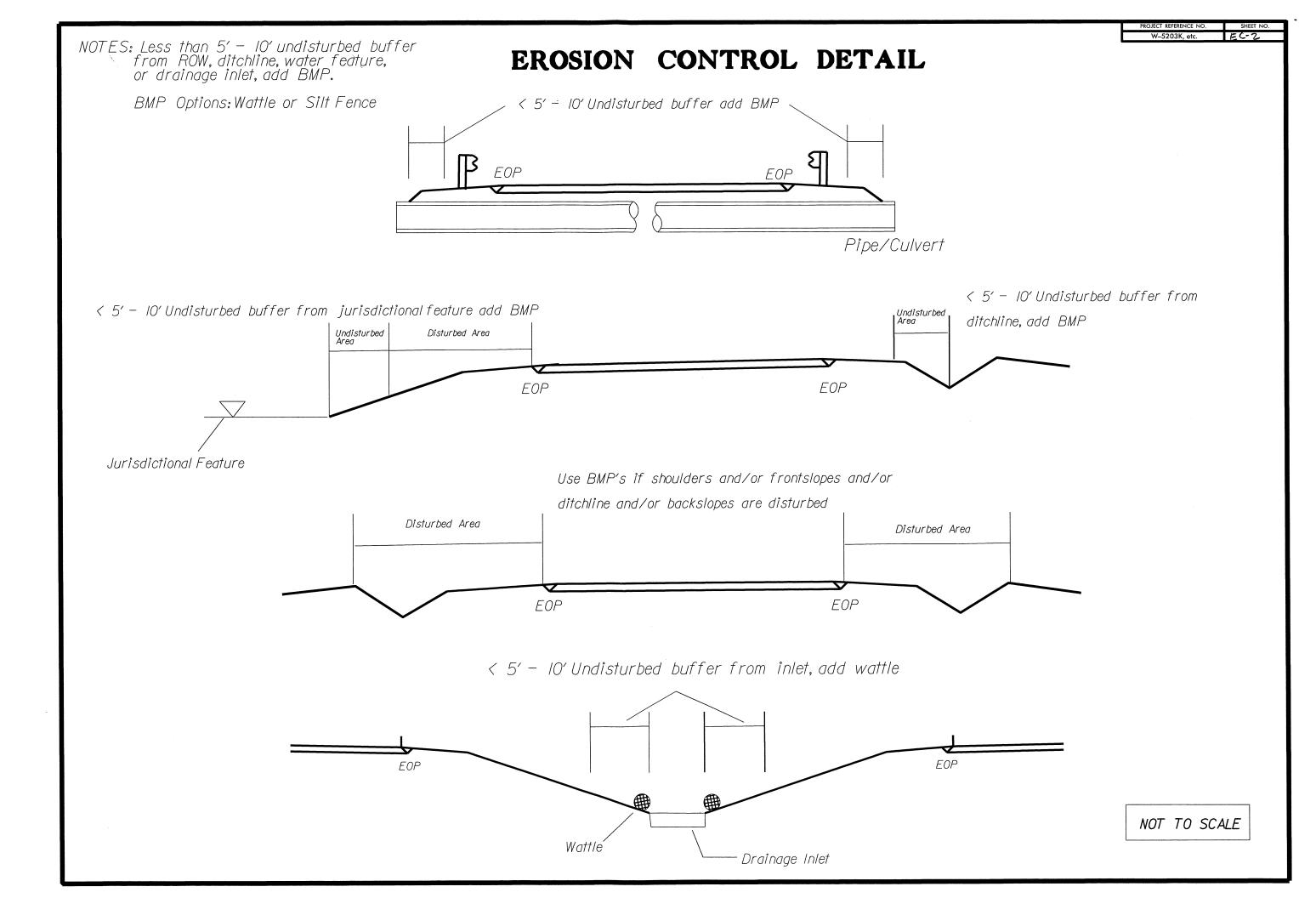
SECURE BOTTOM OF BAFFLE

INSTALL T-POST TO ANCHOR

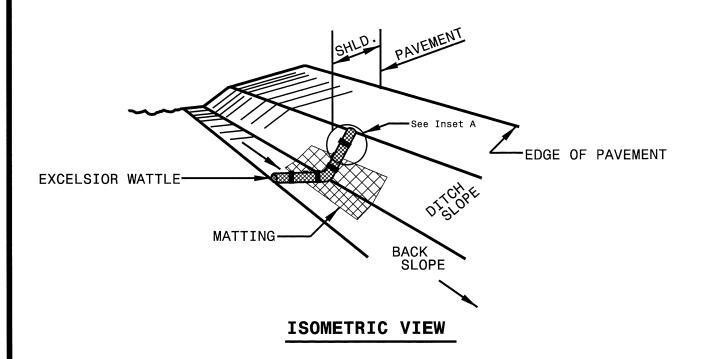
SECURE TO VERTICAL POST

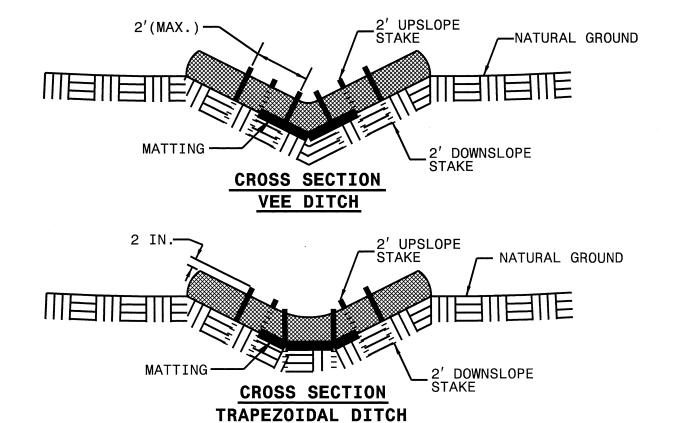
BAFFLE TO SIDE OF BASIN AND

BAFFLE MATERIAL SHALL BE SECURED TO THE BOTTOM AND SIDES OF BASIN USING 12" LANDSCAPE STAPLES



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.

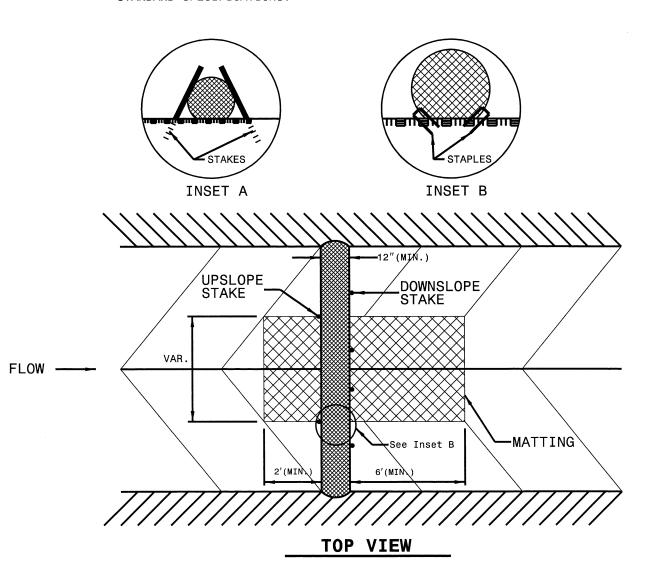
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.

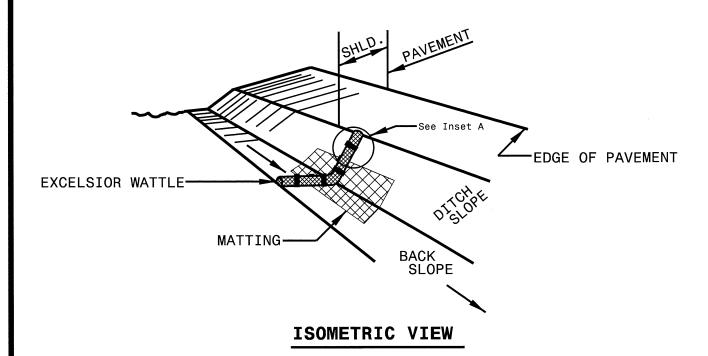
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

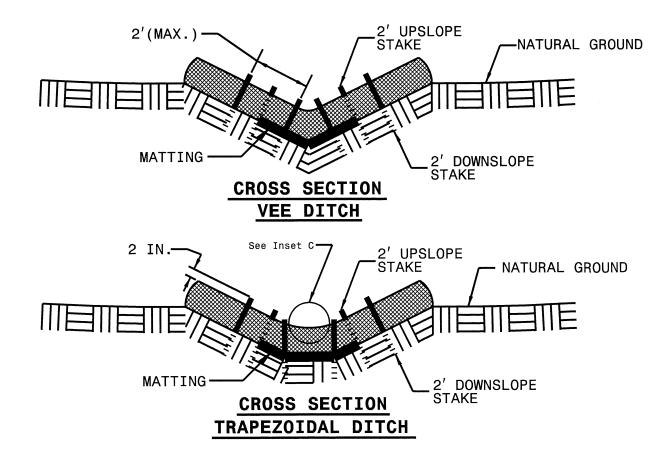


PROJECT REFERENCE NO. SHEET NO.

W-5203K, etc.

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL





NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

 $\underline{\text{ONLY}}$ 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.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

