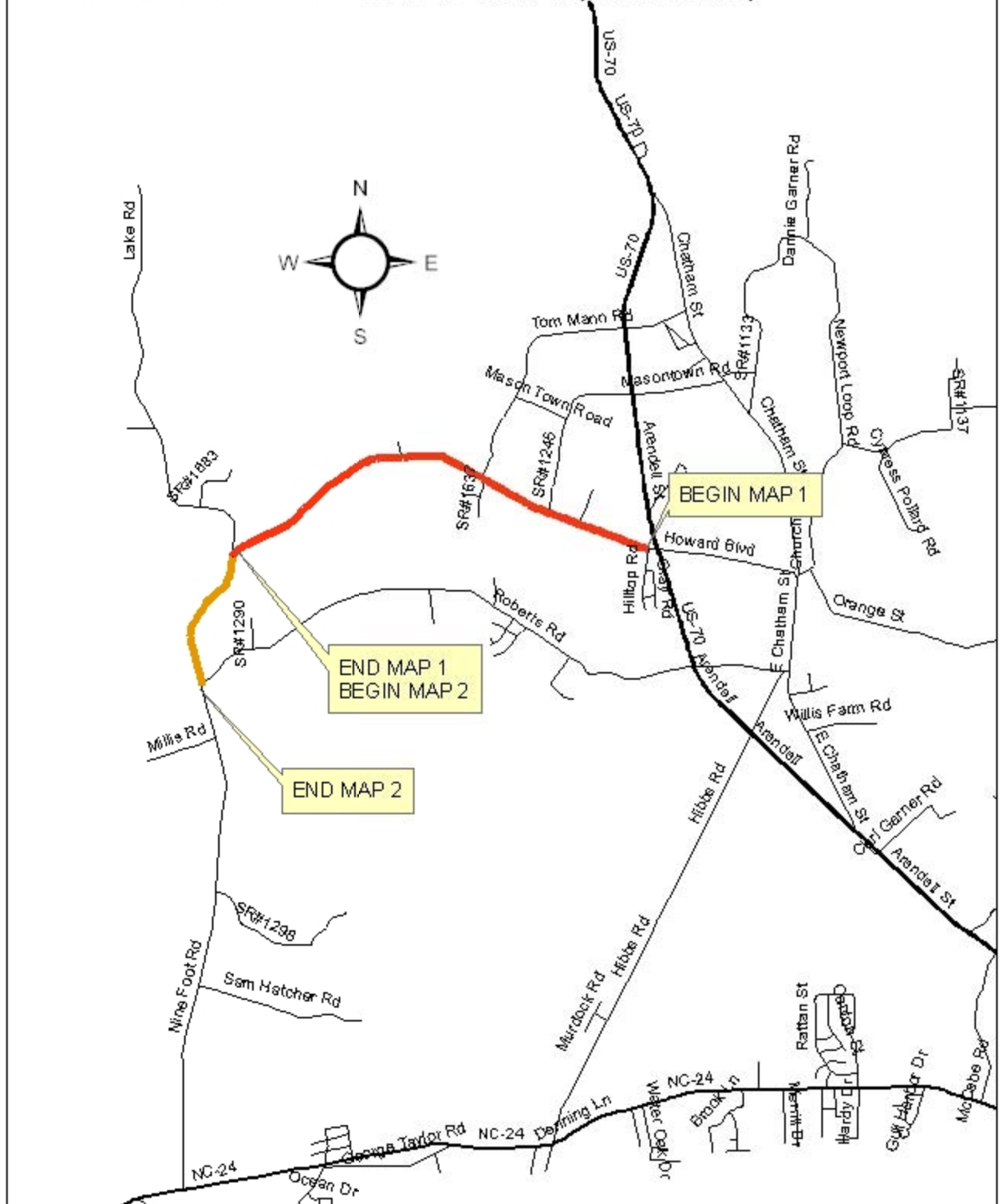


CARTERET COUNTY

TIP # W4700B

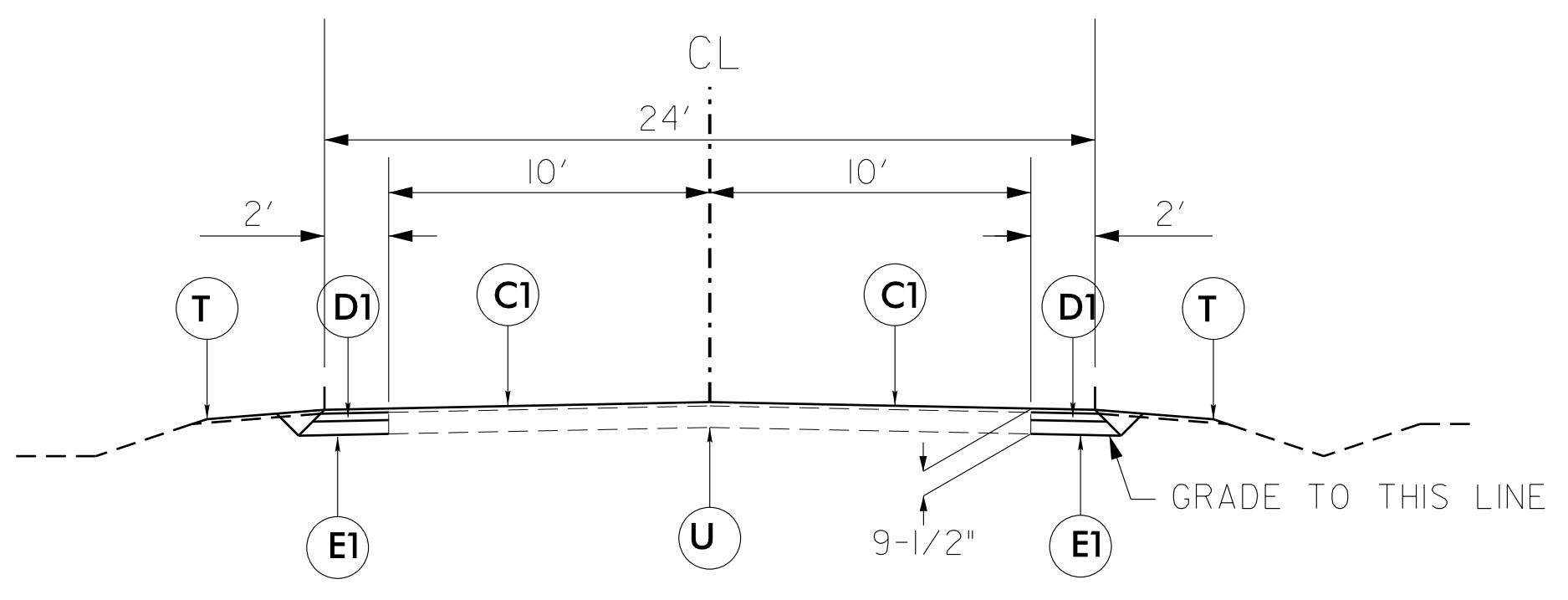
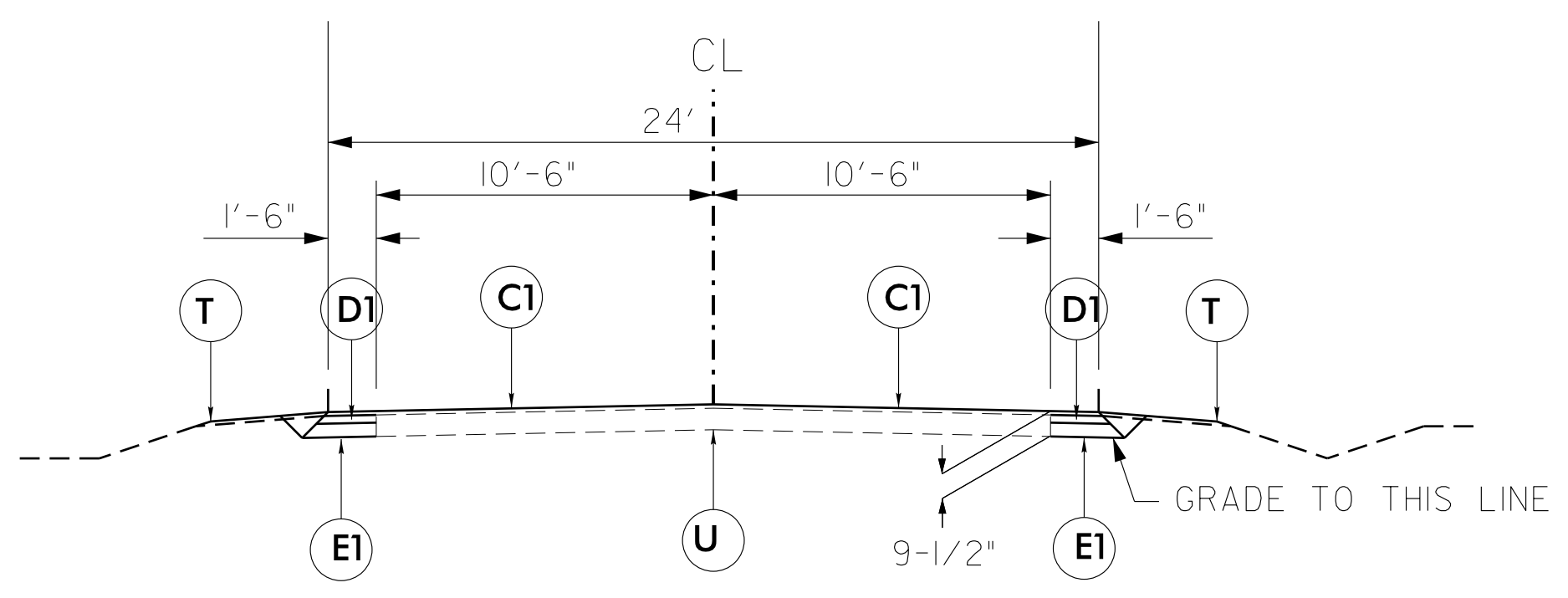
WBS # 37720.3.2

**DESCRIPTION: WIDEN AND RESURFACE SR 1124 (NINE FOOT RD)
FROM 3 LANE SECTION AT US 70 TO SR 1140 (ROBERTS RD)**



C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
D1	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION. (ASB)
U	EXISTING ASPHALT PAVEMENT.

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



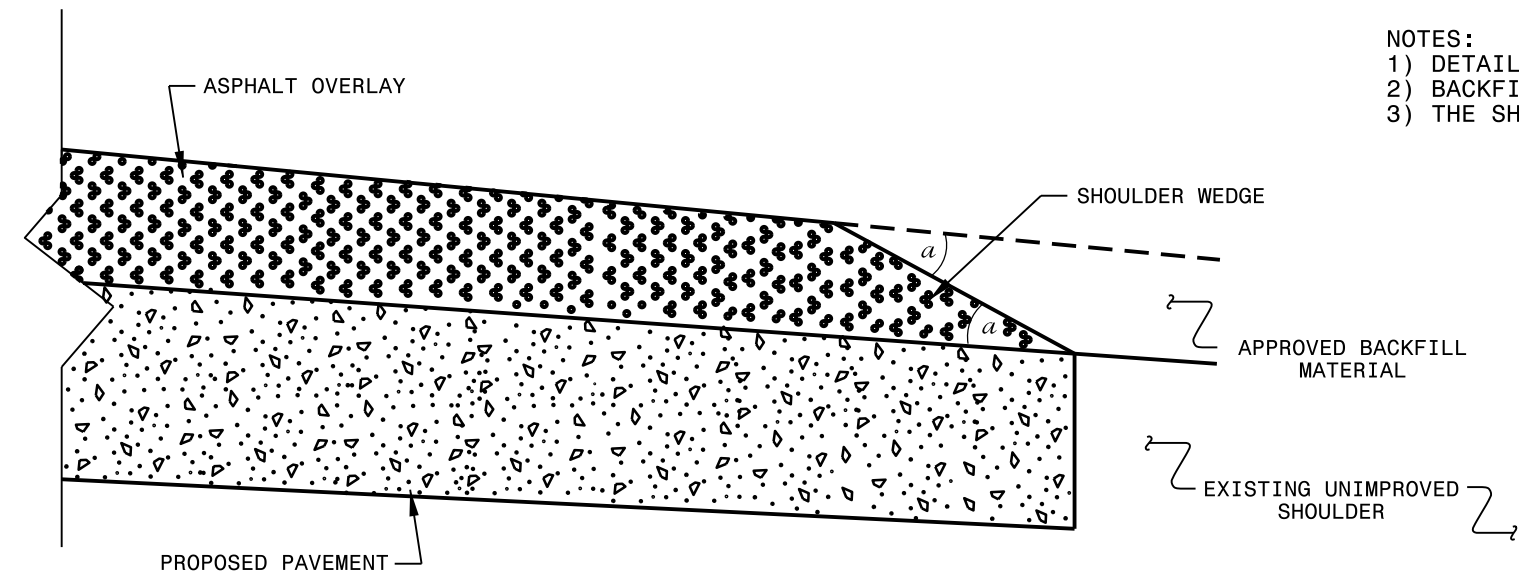
REVISIONS

8/17/99

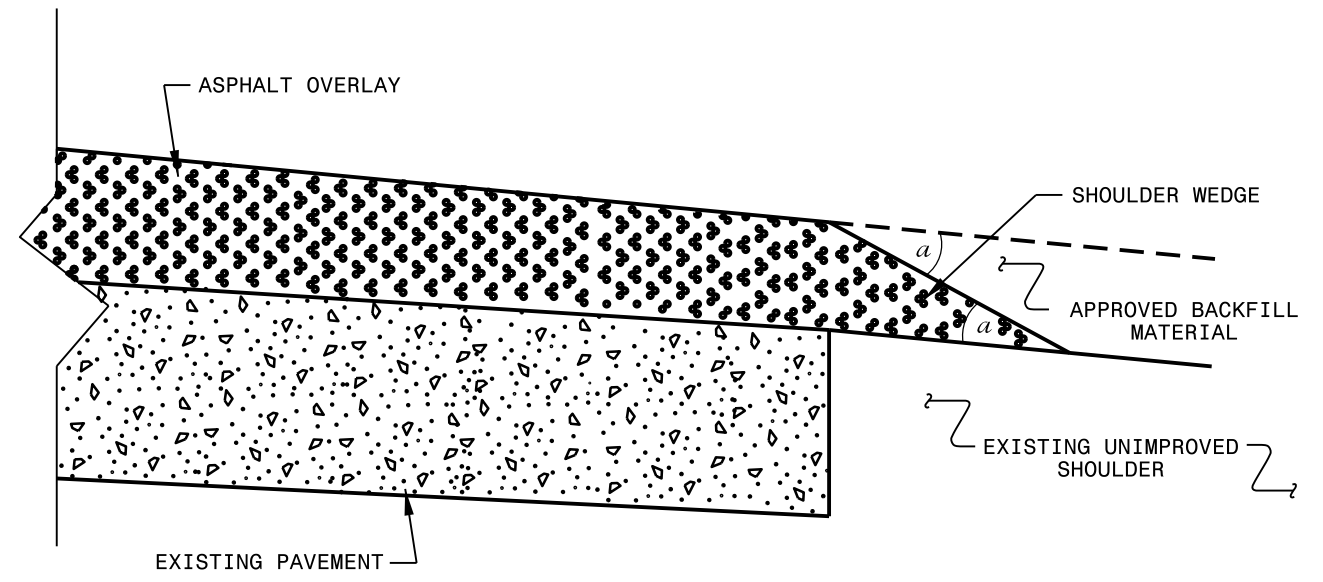
6/2/99

29-APR-2018 14:17:07 P:\PROJECT\W4700B Paving\typical.dgn
 9:58:41 USER:MAVE:ESSJF

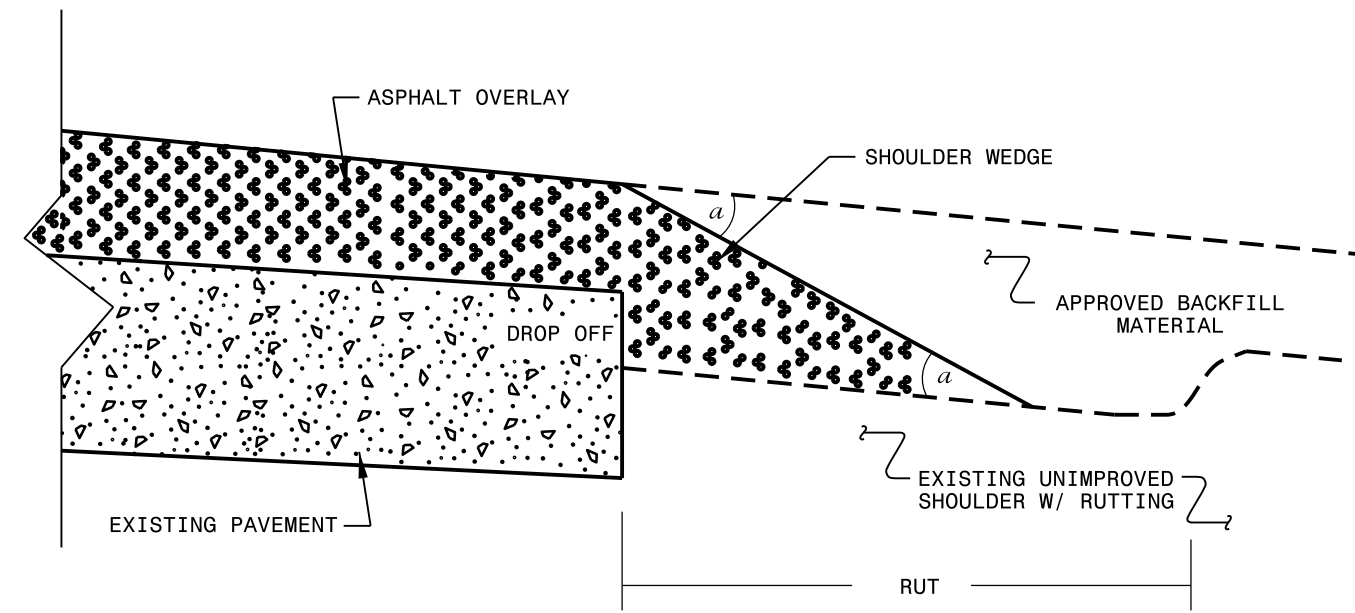
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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.: susr/details/stand/shoulderwedgedetail.dgn	

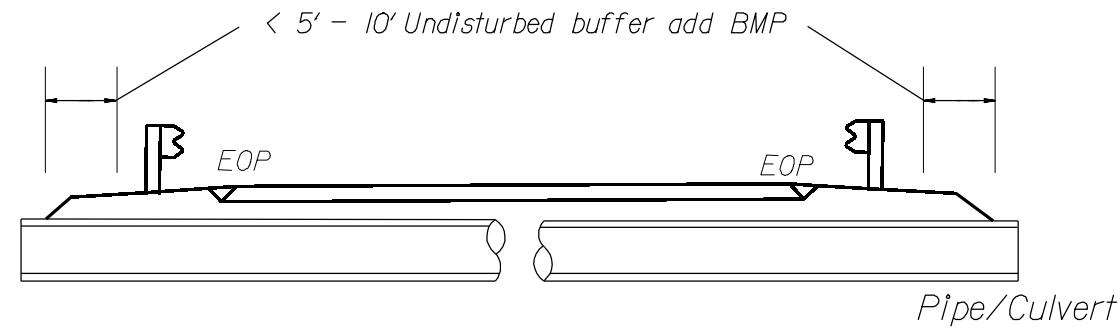
SYSTEMS DESIGN
 USER NAME

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

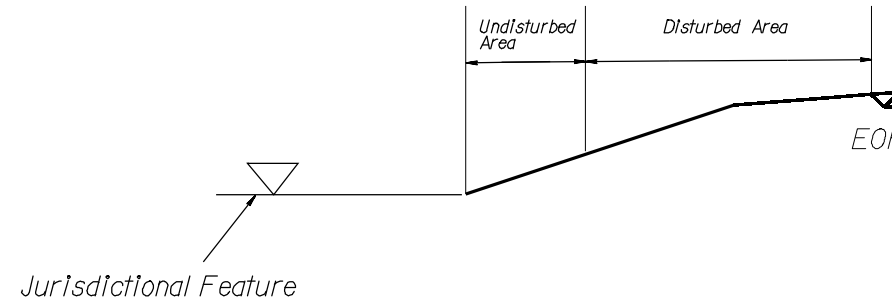
BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL

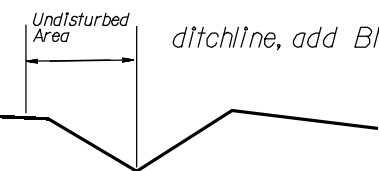
PROJECT REFERENCE NO. X-XXXX	SHEET NO. EC-XX/CONST.XX
RDW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP



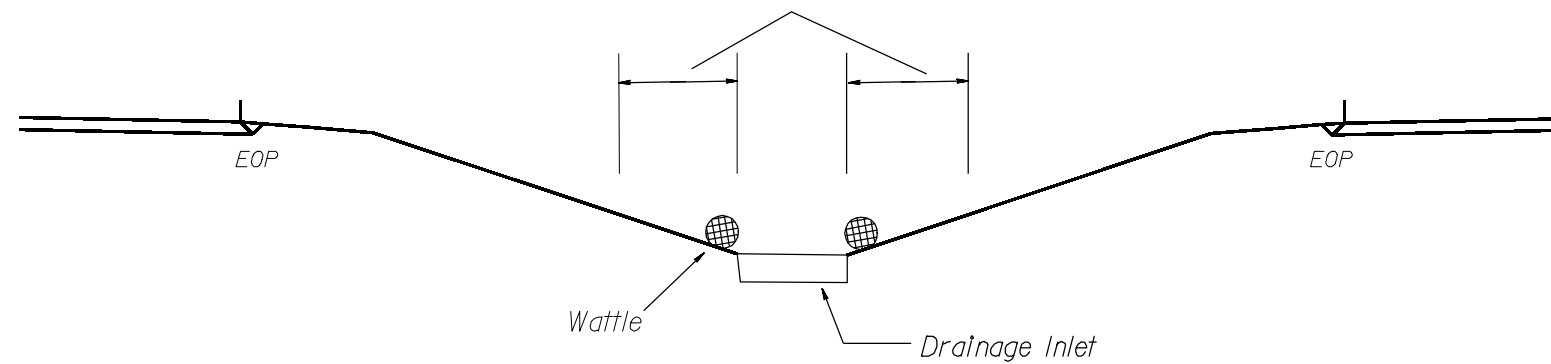
< 5' - 10' Undisturbed buffer from ditchline, add BMP



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



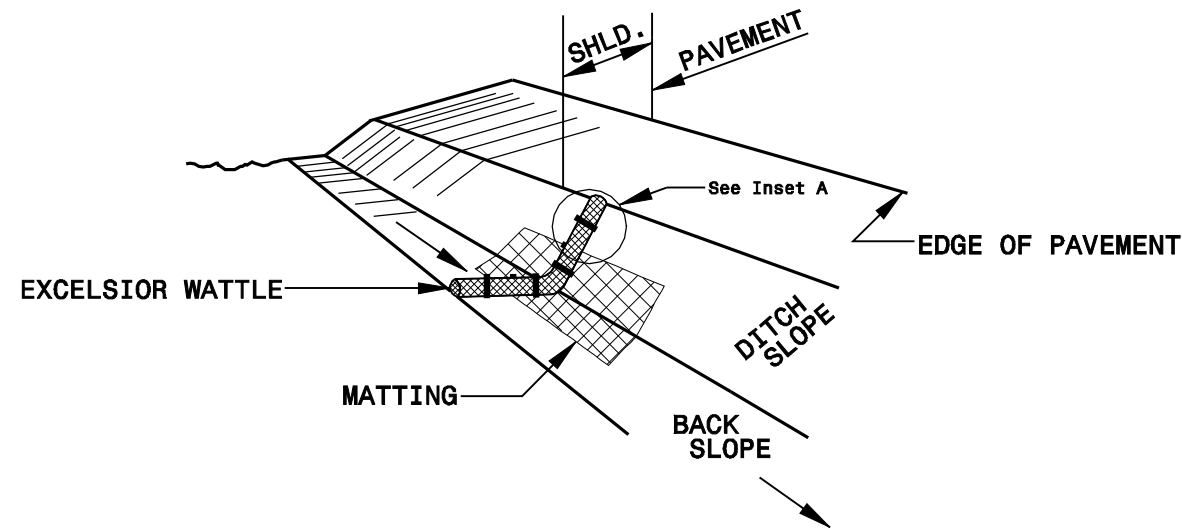
< 5' - 10' Undisturbed buffer from inlet, add wattle



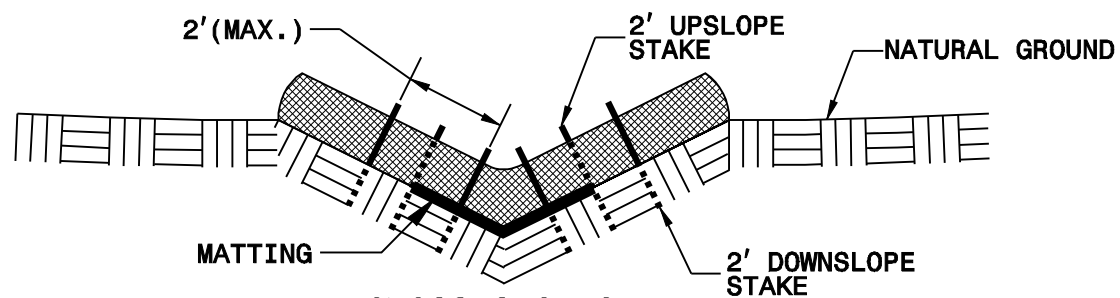
NOT TO SCALE

PROJECT REFERENCE NO. X-XXXX	SHEET NO. EC-26
RWY SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

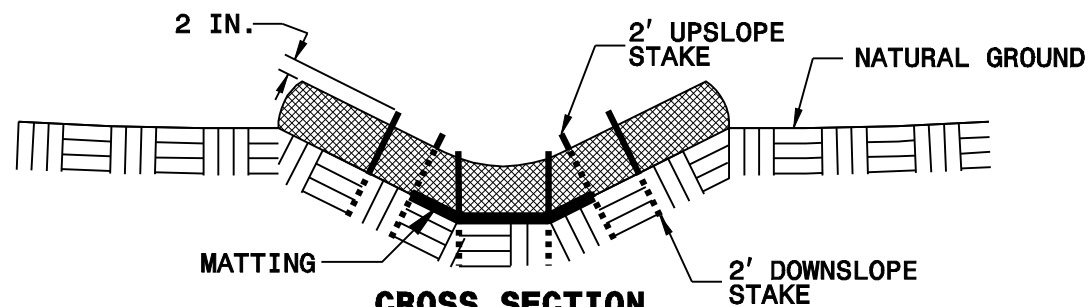
WATTLE DETAIL



ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



**CROSS SECTION
TRAPEZOIDAL DITCH**

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

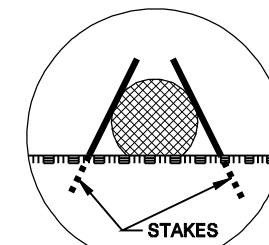
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

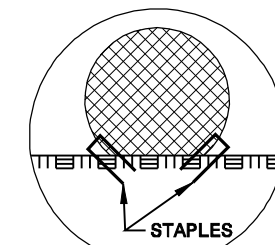
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

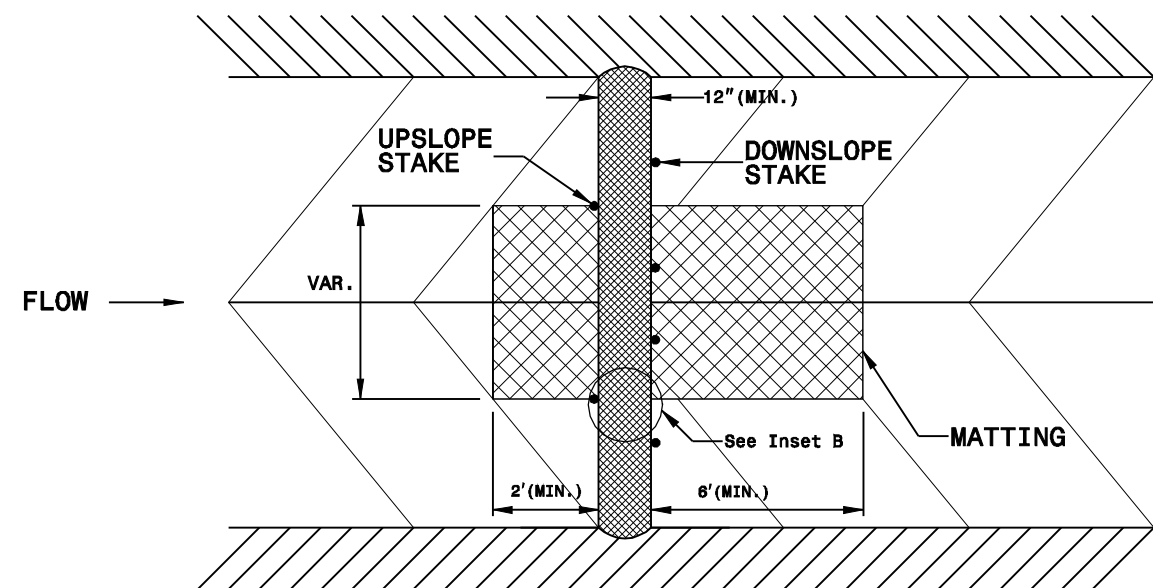
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

PROJECT NO.	SHEET NO.	TOTAL NO.
37720.3.2		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH MI	WIDTH FT	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	AGGREGATE SHOULDER BORROW TON	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TON	6" DRIVEWAYS SY	TEMPORARY SILT FENCE LF	WATTLE LF
37720.3.2	Carteret	1	SR 1124 (NINE FOOT RD)	FROM END OF 3-LANE SECTION AT US 70 TO SR 1125 (LAKE RD)	1	2	2WU	3.125	24	NO	NO	238	150	6.25	1,874	1,070	4,087	379	200	375	150
TOTAL FOR MAP NO. 1								3.125				238	150	6.25	1,874	1,070	4,087	379	200	375	150
37720.3.2	Carteret	2	SR 1124 (NINE FOOT RD)	FROM SR 1125 (LAKE RD) TO SR 1140 (ROBERTS RD)	2	2	2WU	1.061	24	NO	NO	81	50	2.12	823	475	1,388	142	100	125	50
TOTAL FOR MAP NO. 2								1.061				81	50	2.12	823	475	1,388	142	100	125	50
TOTAL FOR PROJ NO. 37720.3.2								4.186				319	200	8.37	2,697	1,545	5,475	521	300	500	200
GRAND TOTAL								4.186				319	200	8.37	2,697	1,545	5,475	521	300	500	200

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4686000000-E	4688000000-E	4710000000-E
										4" X 120 M YELLOW THERMO LF	6" X 90 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF
37720.3.2	Carteret	1	SR 1124 (NINE FOOT RD)	FROM END OF 3-LANE SECTION AT US 70 TO SR 1125 (LAKE RD)	1	2	two-way u	3.125	24	20,625	33,625	100
TOTAL FOR MAP NO. 1								3.125		20,625	33,625	100
37720.3.2	Carteret	2	SR 1124 (NINE FOOT RD)	FROM SR 1125 (LAKE RD) TO SR 1140 (ROBERTS RD)	2	2	2WU	1.061	24	7,003	11,416	100
TOTAL FOR MAP NO. 2								1.061		7,003	11,416	100
TOTAL FOR PROJ NO. 37720.3.2								4.186		27,628	45,041	200
GRAND TOTAL								4.186		27,628	45,041	200