TIP PROJECT: W-5108

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5108	EC-1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

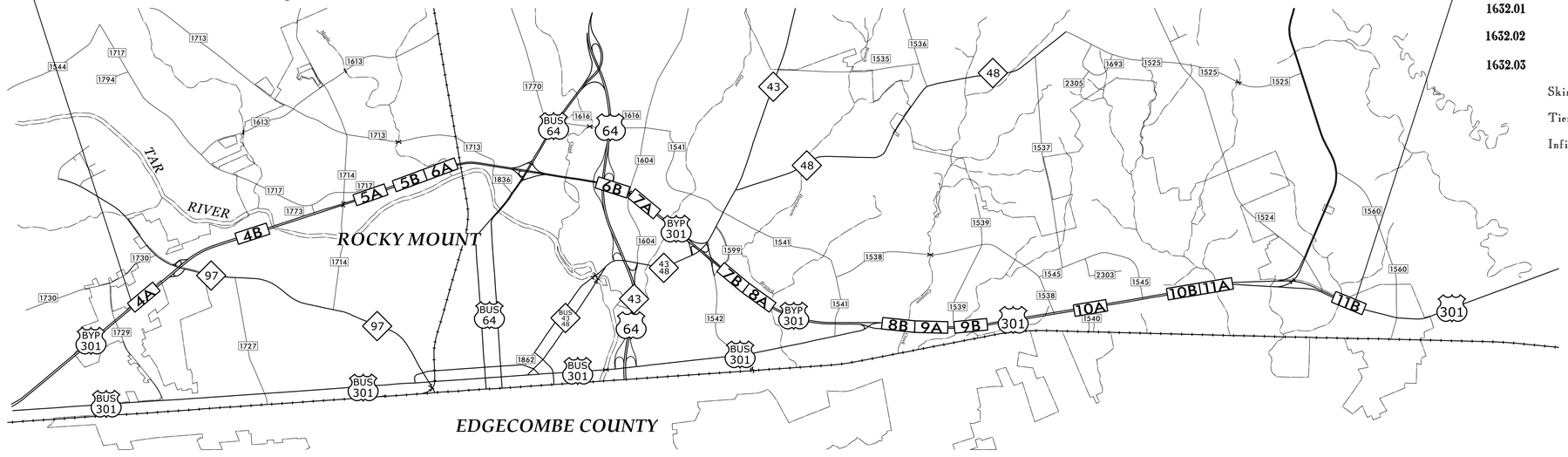
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

NASH COUNTY

LOCATION: LOCATION: US–301 IN NASH COUNTY
TYPE OF WORK: GRADING, DRAINAGE AND PAVING

–L– STA 15+00.00
BEGIN TIP PROJECT W–1508

–L– STA 610+00.00
END TIP PROJECT W–1508



EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TSD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	
1633.02	Temporary Rock Silt Check Type-B	
	Wattle / Coir Fiber Wattle	EW CFW
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	
1634.01	Temporary Rock Sediment Dam Type-A	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	
1630.04	Stilling Basin	
1630.06	Special Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	
	Tiered Skimmer Basin	
	Infiltration Basin	

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT

Refer To E. C. Special Provisions for Special Considerations.

ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG–010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared In the Office of:

ROADSIDE ENVIRONMENTAL UNIT

1 South Wilmington St.
Raleigh, NC 27611

2012 STANDARD SPECIFICATIONS

Roadway Standard Drawings

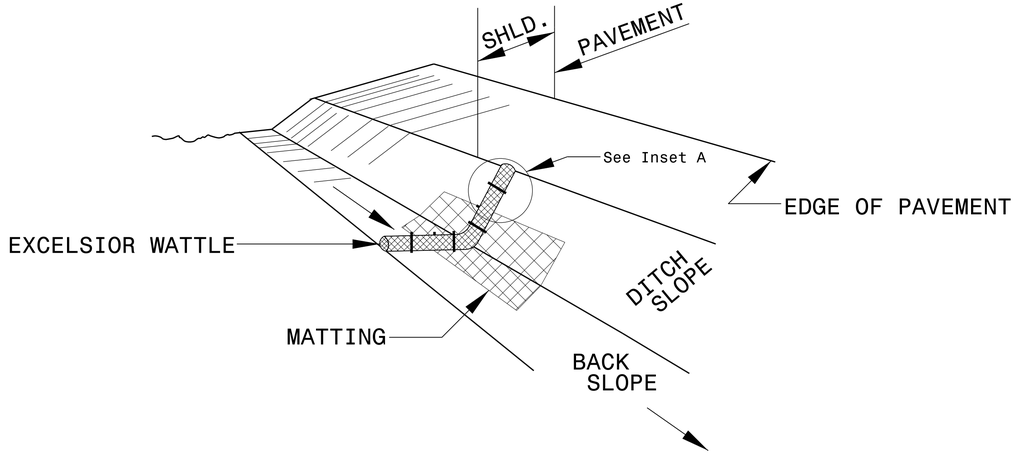
The following roadway english standards as appear in "Roadway Standard Drawings"– Roadway Design Unit – N. C. Department of Transportation – Raleigh, N. C., dated January 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01	Railroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Cheek Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Cheek Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

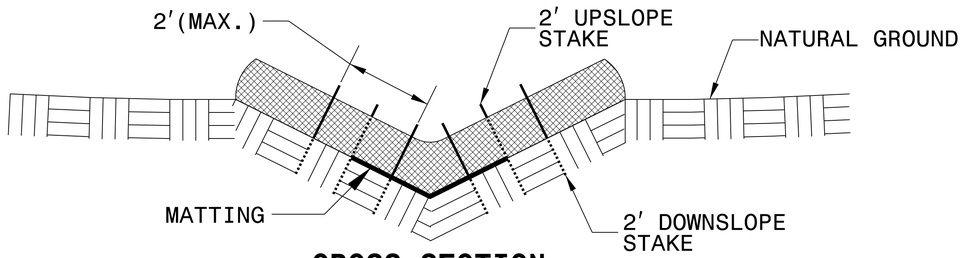
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Bridge
A_T_DACAUSEY

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-2

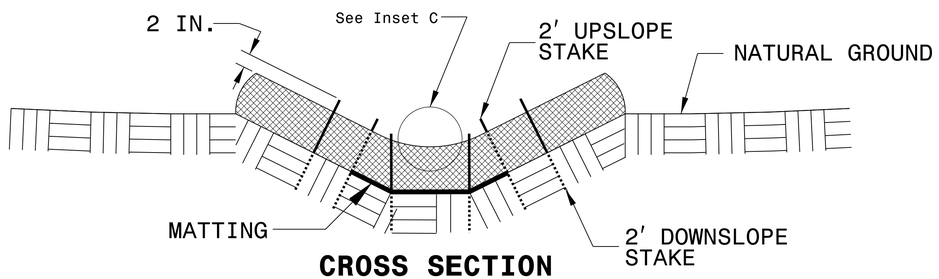
WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



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.

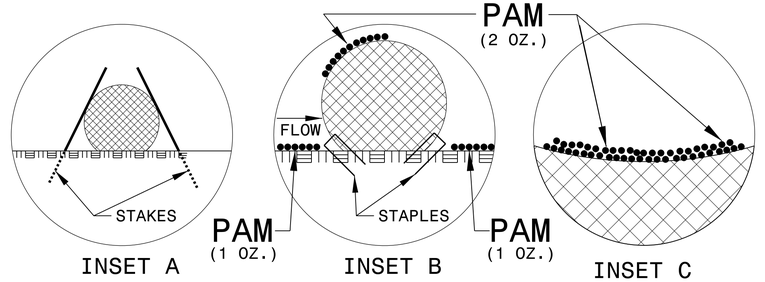
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

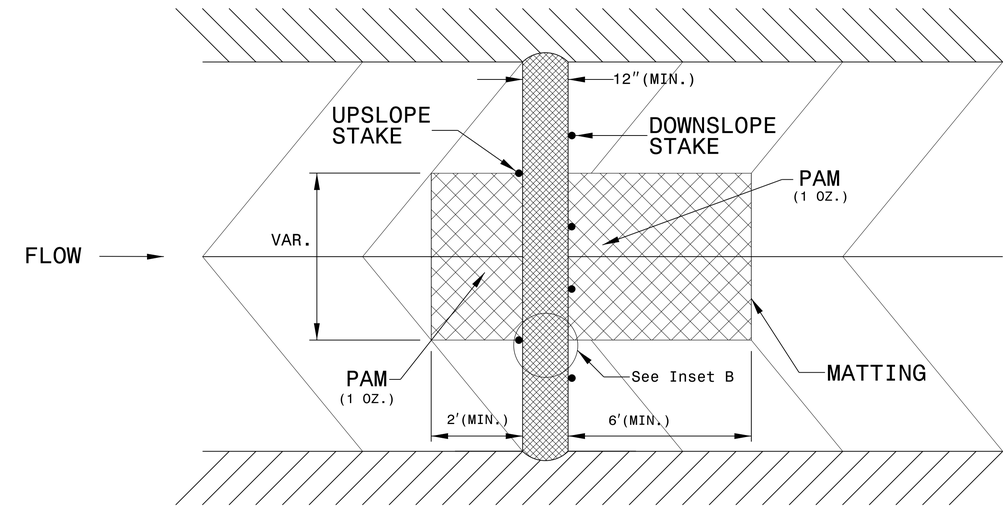
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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

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.





TOP VIEW

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-3

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-4/CONST.4

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

-L- STA 15+00.00
BEGIN TIP PROJECT W-5108

15 20 25

TURN LANE 1
SEE TYPICAL SECTION NO. 1 SHEET 2

CONV. SLAB TOP DI To 2GI
(040)
REMOVE
PAVED DITCH
SLAB TOP DI
24" RCP
US301
(0402)
RCP III
R 150'
TB JB
(0403)
R 8'
24" RCP
PROP 2' PAVED SHOULDER
12'
200' TAPER
100' FULL LANE
R 150'
PAVED DITCH
REMOVE
CONV. SLAB TOP DI To 2GI
(040)
C
SLAB TOP DI

PORTER RD.
SR-1845

75 80 85

TURN LANE 2
SEE TYPICAL SECTION NO. 4 SHEET 2

MELROSE DR.
350' FULL LANE
200' TAPER
(0409)
24"
18" RCP
REMOVE
R 50'
8'W
PROP 2' PAVED SHOULDER
12'
(0410)
24"
24" RCP
REMOVE
12'
(041)
24"
REMOVE
24" RCP
CONV. SLAB TOP DI To 2GI
(041)
C
SLAB TOP DI
REMOVE
PAVED DITCH
US301

REVISIONS

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drehnridge AT D4CAD2570117

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-5/CONST.5

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 5

130 135 140

SR 1717

HARBOUR WEST DR.

US301

TURN LANE 4
SEE TYPICAL SECTION NO. 9
SHEET 2A

500'
TB 2GI
0507
0508
TB 2GI
TB 2GI
0510
0509
TB 2GI
PROP CONC EXPRESSWAY GUTTER
18" RCP-IV
18" RCP-IV
18" RCP-IV
0511
12'

CONV. SLAB TOP DI To 2GI
0502
REMOVE
SLOPE PAVED DITCH
DI

REM
SSMH
PROP CONC ISLAND
PROP 2' PAVED SHOULDER
PROP 2.5' CONC
PROP 2.5' CONC GUTTER
12'
30" RCP
48" RCP
MH
30" RCP
100' TAPER
450' FULL LANE

TURN LANE 3
SEE TYPICAL SECTION NO. 3&8
SHEET 2&2B

150 155 160

TURN LANE 5
SEE TYPICAL SECTION NO. 2
SHEET 2

TURN LANE 6
SEE TYPICAL SECTION NO. 2
SHEET 2

250' FULL LANE
250' TAPER
R 150'
12'
PROP 2' PAVED SHOULDER
R 8'
R 150'
REMOVE
SLOPE PAVED DITCH
DI
0505
CONV. SLAB TOP DI To 2GI
US301
250' FULL LANE
250' TAPER
R 150'
12'
PROP 2' PAVED SHOULDER
R 8'
R 150'
0506
REMOVE
SLOPE PAVED DITCH
DI
CONV. SLAB TOP DI To 2GI

REVISIONS

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drehfridge AT D4CAD25/017

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-6/CONST.6

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

TURN LANE 7
SEE TYPICAL SECTION NO. 1
SHEET 2

TURN LANE 8
SEE TYPICAL SECTION NO. 2
SHEET 2

TURN LANE 9
SEE TYPICAL SECTION NO. 3
SHEET 2

US301

US 64

US 64 RAMP

ROWE DRIVE

HOME DEPOT PLZ

165

170

175

245

250

255

REVISIONS

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dethridge AT DACAD257017

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-7/CONST.7

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7

260 265 270 SUTTERS CREEK BLVD

US301

12' PROP 2' PAVED SHOULDER 12'

TURN LANE 10
SEE TYPICAL SECTION NO. 3
SHEET 2

315 320 325 SR 1599

TURN LANE 11
SEE TYPICAL SECTION NO. 2
SHEET 2

18" RCP

250' FULL LANE 250' TAPER

TB JB 0703 R 150' R 8' CP-III 0704

12' CONV. SLAB TOP DI To JB 0706 PROP 2' PAVED SHOULDER 12'

REMOVE PAVED SHOULDER DI 18" RCP-III

0705 2GI

CONV. SLAB TOP DI To 2GI 0707

REMOVE PAVED SHOULDER DI

HW

SR 1542

REVISIONS

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drethridge AT DACAD257017

DDC4

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 8

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-8/CONST.8

330
335
340
395
400
405

TURN LANE 12
SEE TYPICAL SECTION NO. 1 SHEET 2

250' TAPER
250' FULL LANE
PROP 2' PAVED SHOULDER
12'
12'
R 150'
R 150'
R 8'
18" RCP
18" RCP
8" RCP
8" RCP
HW
REMOVE PAVED DI
SL DI
0801 CONV. SLAB TOP DI To 2GI
0802
0803 TB JB
US301
REMOVE
SL DI
0804 CONV. SLAB TOP DI To 2GI
CONSTRUCTION DRIVE

CONV. SLAB TOP DI To 2GI 0808
REMOVE
SL DI
REM PAVEMENT
US301
REMOVE
SL DI
0809 CONV. SLAB TOP DI To 2GI

REVISIONS

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drethridge AT D4CAD257017

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-9/CONST.9

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 9

410 415 420

TURN LANE 13
SEE TYPICAL SECTION NO. 2
SHEET 2

50′ 450′ 100′ TAPER

R150′ R 8′ R150′

18″RCP

PROP 2′ PAVED SHOULDER

REMOVE CONV. SLAB TOP DI TO JB

18″RCP III

REM PAVEMENT REM PAVEMENT

US301

0901 CONV. SLAB TOP DI To 2GI

0902 2GI

0903

REMOVE

SSMH SSMH SSMH

425 430 435 440

TURN LANE 14
SEE TYPICAL SECTION NO. 2
SHEET 2

250′ TAPER 150′ FULL LANE

0904 CONV. SLAB TOP DI To 2GI

0905 CONV. SLAB TOP DI To 2GI

REMOVE PAVED DITCH

REMOVE PAVED DITCH

US301

0906 2GI

18″RCP III

REMOVE PROP 2′ PAVED SHOULDER

0907 CONV. SLAB TOP DI To JB

0908 CONV. SLAB TOP DI To 2GI

REMOVE PAVED DITCH

SSMH SSMH SSMH

LIGHT LIGHT LIGHT

R 150′ R 8′ R 150′

12′ 12′

REVISIONS

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drethridge AT D4CAD25/2017

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-10/CONST.10

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 10

480 485 490 495

TURN LANE 15

SEE TYPICAL SECTION NO. 5&6
SHEET 2A
SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

4' EDGE OF ISLAND TO LANE LINE
4' ISLAND
PLACE HOLE IN ISLAND SEE DETAIL
132'
250'
250'
DI 1007
TB JB 1006
15" RCP-IV
PROP CONC ISLAND
TB JB 1008
36" RCP
US301
15" RCP-III
15" RCP
LIGHT
12'
C
R 20'
45'
DI 1009
2GI
7'
35'
90'
R 100'
R 100'
1004
1005
COLLAR AND EXTEND
SR 1540
PROP 2' PAVED SHOULDER

12" ROUND OR SQUARE SMOOTH WALL HOLE THROUGH ISLAND AND PAVEMENT TO SOIL
"U" CHANNEL POST BY OTHERS
4'
4'
CONC ISLAND
ISLAND EXIST OR PROP PAVEMENT
ISLAND EXIST OR PROP PAVEMENT
SOIL
DETAIL FOR HOLE IN ISLAND

525 530 535

12" ROUND OR SQUARE SMOOTH WALL HOLE THROUGH ISLAND AND PAVEMENT TO SOIL
"U" CHANNEL POST BY OTHERS
4'
4'
CONC ISLAND
ISLAND EXIST OR PROP PAVEMENT
ISLAND EXIST OR PROP PAVEMENT
SOIL
DETAIL FOR HOLE IN ISLAND

TURN LANE 16

SEE TYPICAL SECTION NO. 5&6
SHEET 2A
SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

4' EDGE OF ISLAND TO LANE LINE
PLACE HOLE IN ISLAND SEE DETAIL
4' ISLAND
132'
250'
250'
COLLAR 1010
TB JB 1012
PROP CONC ISLAND
US301
REMOVE PAVED DITCH
24" RCP
24" RCP-IV
PAVED DITCH
SL
DI
LIGHT
REMOVE
PROP 2' PAVED SHOULDER
12'
LIGHT
REMOVE PAVED DITCH
CONV. SLAB TOP DI To 2GI 1013
15" RCP
SL
DI
15" RCP
R 20'
45'
7'
35'
90'
1011
2GI
R 100'
R 100'
SR 1558

REVISIONS

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drethridge AT DACAD257017

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-11/CONST.11

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 11

PAVEMENT

540 545 550

TURN LANE 17

SEE TYPICAL SECTION NO. 6&7 SHEET 2A

SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

132' 250' 250'

4' EDGE OF ISLAND TO LANE LINE

PROP CONC ISLAND 4' ISLAND

PLACE HOLE IN ISLAND SEE DETAIL

CONV. SLAB TOP DI To JB

CONV. SLAB TOP DI To JB

(110) REMOVE PAVED DITCH

US301

15" RCP

SL. TOP DI

CONV. SLAB TOP DI To 2GI

CONV. SLAB TOP DI To 2GI

REMOVE PAVED DITCH

SL. TOP DI

(102)

7' 35' 90'

R 20'

45'

R 100'

PROP 2' PAVED SHOULDER

12'

(104)

(105)

15" RCP

24" RCP

SL. TOP DI

SL. TOP DI

LIGHT

LIGHT

LIGHT

(103) 2GI

(1110) 2GI

600 605 610 615

TURN LANE 18

SEE TYPICAL SECTION NO. 1 SHEET 2

-L- STA 610+00.00

END TIP PROJECT W-5108

CONV. SLAB TOP DI To 2GI

CONV. SLAB TOP DI To 2GI

(108)

(109)

US301

REMOVE PAVED DITCH

SL. TOP DI

SL. TOP DI

REMOVE PAVED DITCH

R 150'

R 8'

12'

PROP 2' PAVED SHOULDER

12'

8'

250' TAPER

250' FULL LANE

MARRIOTT ST.

BURROWS ST.

REVISIONS

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drethridge AT DACAD257017

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-12/CONST.4

-L- STA 15+00.00
BEGIN TIP PROJECT W-5108

TURN LANE 1
SEE TYPICAL SECTION NO. 1
SHEET 2

CONV. SLAB TOP DI To 2GI
0401
REMOVE
PAVED DITCH
SLAB TOP DI
24" RCP
US301
0402
RCP III
R 150'
TB JB
0403
R 8'
24" RCP
PROP 2' PAVED SHOULDER
200' TAPER
12'
100' FULL LANE
R 150'
PAVED DITCH
REMOVE
CONV. SLAB TOP DI To 2GI
0404
C
SLAB TOP DI

PORTER RD.
SR-1845

TURN LANE 2
SEE TYPICAL SECTION NO. 4
SHEET 2

MELROSE DR.
350' FULL LANE
200' TAPER
0409
24"
18" RCP
REMOVE
R 150'
RCP III
PROP 2' PAVED SHOULDER
12'
0410
24"
24" RCP
REMOVE
12'
0411
24"
REMOVE
24" RCP
CONV. SLAB TOP DI To 2GI
0412
C
REMOVE
PAVED DITCH
SLAB TOP DI
US301

REVISIONS

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drehnridge AT D4CAD2357017

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-13/CONST.5

130

135

SR 1717

140

150

155

160

US301

HARBOUR WEST DR.

TURN LANE 4
SEE TYPICAL SECTION NO. 9
SHEET 2A

500'

TB 2GI

0507

0508

TB 2GI

0510

TB 2GI

0509

TB 2GI

PROP CONC EXPRESSWAY GUTTER

18" RCP-IV

18" RCP-IV

18" RCP-IV

18" RCP-IV

0511

12'

TURN LANE 3
SEE TYPICAL SECTION NO. 3&8
SHEET 2&2B

CONV. SLAB TOP DI To 2GI

0502

REMOVE

SLOPE PAVED DITCH

DI

REM

SSMH

12'

PROP 2' PAVED SHOULDER

PROP 2.5' CONC

PROP CONC ISLAND

12'

PROP 2.5' CONC CURB & G

30" RCP

MH

48" RCP

30" RCP

100' TAPER

450' FULL LANE

TURN LANE 5
SEE TYPICAL SECTION NO. 2
SHEET 2

250' FULL LANE

250' TAPER

R 150'

12'

PROP 2' PAVED SHOULDER

12'

REMOVE

SLOPE PAVED DITCH

DI

R 8'

R 150'

0505

CONV. SLAB TOP DI To 2GI

TURN LANE 6
SEE TYPICAL SECTION NO. 2
SHEET 2

250' FULL LANE

250' TAPER

R 150'

12'

PROP 2' PAVED SHOULDER

12'

0506

REMOVE

SLOPE PAVED DITCH

DI

CONV. SLAB TOP DI To 2GI

R 8'

R 150'

REVISIONS

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drehfridge AT D4CAD25701

DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-14/CONST.6

REVISIONS

TURN LANE 7
SEE TYPICAL SECTION NO. 1
SHEET 2

TURN LANE 8
SEE TYPICAL SECTION NO. 2
SHEET 2

TURN LANE 9
SEE TYPICAL SECTION NO. 3
SHEET 2

US301

US 64

US 64 RAMP

ROWE DRIVE

HOME DEPOT PLZ

165

170

175

245

250

255

CONV. SLAB TOP DI TO

PROP 2' PAVED SHOULDER

200' TAPER

100' FULL LANE

250' FULL LANE

100' TAPER

90' FULL LANE

REMOVE CB
TB JB w/MH

30" CONC C&G

18" RCP-IV

18" RCP

15" RCP

TB JB

CB

JB

2GI

(0603)
(0604)
(0605)
(0606)
(0611)
(0612)
(0613)
(0614)

R 150'
R 8'
R 40'

12'

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DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-15/CONST.7

260

265

270

SUTTERS CREEK BLVD

US301

12'

PROP 2' PAVED SHOULDER

12'

TURN LANE 10
SEE TYPICAL SECTION NO. 3
SHEET 2

315

320

325

SR 1599

TURN LANE 11
SEE TYPICAL SECTION NO. 2
SHEET 2

18" RCP

250' FULL LANE

250' TAPER

TB JB
0703

R 150'

12'

0704

CONV. SLAB TOP DI To JB

PROP 2' PAVED SHOULDER

12'

CONV. SLAB TOP DI To 2GI
0707

US301

18" RCP

REMOVE PAVED DITCH

R 8'

18" RCP

0704

0705
2GI

18" RCP-III

R 150'

18" RCP

HW

SR 1542

REVISIONS

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DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-16/CONST.8

REVISIONS

TURN LANE 12
SEE TYPICAL SECTION NO. 1
SHEET 2

250' TAPER

250' FULL LANE

PROP 2' PAVED SHOULDER

REMOVE PAVED DI

SL DI

0801 CONV. SLAB TOP DI To 2GI

0802

0803 TB JB

0804 CONV. SLAB TOP DI To 2GI

0808 CONV. SLAB TOP DI To 2GI

0809 CONV. SLAB TOP DI To 2GI

REM PAVEMENT

REMOVE

R 150'

R 8'

18" RCP

12'

HW

US301

CONSTRUCTION DRIVE

330 335 340 395 400 405

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DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-17/CONST.9

410 415 420

TURN LANE 13
SEE TYPICAL SECTION NO. 2
SHEET 2

50′ R150′ 450′ 100′ TAPER

PROP 2′ PAVED SHOULDER

C

REMOVE SLAB TOP DI

CONV. SLAB TOP DI To 2GI (0901)

US301

SSMH SSMH

R 8′

R150′

REMOVE SLAB TOP DI

CONV. SLAB TOP DI To JB (0903)

18"RCP III

18"RCP

CONV. SLAB TOP DI To 2GI (0902)

REM PAVEMENT

REM PAVEMENT

425 430 435 440

TURN LANE 14
SEE TYPICAL SECTION NO. 2
SHEET 2

250′ TAPER 150′ FULL LANE

CONV. SLAB TOP DI To 2GI (0904)

CONV. SLAB TOP DI To 2GI (0905)

REMOVE PAVED DITCH

REMOVE PAVED DITCH

LIGHT

US301

2GI (0906)

18"RCP III

LIGHT

SLAB TOP DI

PAVED DITCH

REMOVE PROP 2′ PAVED SHOULDER

12′ 12′

R 150′

R 8′

R 150′

CONV. SLAB TOP DI To JB (0907)

CONV. SLAB TOP DI To 2GI (0908)

SSMH SSMH

REMOVE PAVED DITCH

REVISIONS

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DDC4

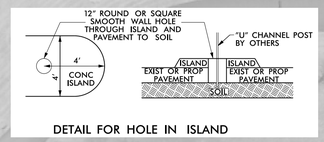
PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-18/CONST.10

480 485 490 495

TURN LANE 15

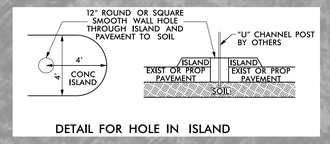
SEE TYPICAL SECTION NO. 5&6
SHEET 2A
SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

4' EDGE OF ISLAND TO LANE LINE
4' ISLAND
PLACE HOLE IN ISLAND SEE DETAIL
132' 250' 250'
DI 1007 TB JB 1006 15" RCP-IV
PROP CONC ISLAND
TB JB 1008
36" RCP
12'
US301
15" RCP-III
15" RCP
LIGHT
R 20'
15'
1004
1005
COLLAR AND EXTEND
7' 35' 90'
R 100'
R 100'
SL TOP DI 1009 2GI
PROP 2' PAVED SHOULDER
SR 1540



DETAIL FOR HOLE IN ISLAND

525 530 535



DETAIL FOR HOLE IN ISLAND

TURN LANE 16

SEE TYPICAL SECTION NO. 5&6
SHEET 2A
SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

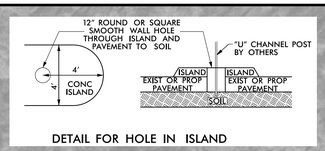
4' EDGE OF ISLAND TO LANE LINE
PLACE HOLE IN ISLAND SEE DETAIL
4' ISLAND
132' 250' 250'
COLLAR 1010 TB JB 1012
PROP CONC ISLAND
US301
REMOVE
24" RCP
PAVED DITCH
24" RCP-IV
12'
PROP 2' PAVED SHOULDER
LIGHT
REMOVE
REMOVE
CONV. SLAB TOP DI To 2GI 1013
15" RCP
SL TOP DI
15" RCP
R 20'
7' 35' 90'
C
1011 2GI
R 100'
R 100'
SR 1558

REVISIONS

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DDC4

PROJECT REFERENCE NO.	SHEET NO.
W-5108	EC-19/CONST.11



DETAIL FOR HOLE IN ISLAND

540 545 550

TURN LANE 17
SEE TYPICAL SECTION NO. 6&7
SHEET 2A
SEE SHEET PMP-1 FOR PAVEMENT MARKING DETAIL

132' 250' 250'

4' EDGE OF ISLAND TO LANE LINE
PROP CONC ISLAND 4' ISLAND
PLACE HOLE IN ISLAND SEE DETAIL
CONV. SLAB TOP DI To JB
CONV. SLAB TOP DI To JB
PROP 2' PAVED SHOULDER
REMOVE PAVED DITCH
REMOVE PAVED DITCH
US301
15" RCP
24" RCP
24" RCP
CONV. SLAB TOP DI To 2GI
CONV. SLAB TOP DI To 2GI
SLOPE DI
SLOPE DI
SLOPE DI
SLOPE DI
LIGHT
LIGHT
LIGHT
12'
12'
R. 20'
45'
7'
35'
90'
R. 100'
R. 100'
110
102
104
105
103
2GI
1110
2GI

600 605 610 615

TURN LANE 18
SEE TYPICAL SECTION NO. 1
SHEET 2

-L- STA 610+00.00
END TIP PROJECT W-5108

CONV. SLAB TOP DI To 2GI
CONV. SLAB TOP DI To 2GI
108
109
US301
REMOVE PAVED DITCH
REMOVE PAVED DITCH
SLOPE DI
SLOPE DI
R. 150'
R. 8'
12'
12'
8'
PROP 2' PAVED SHOULDER
250' TAPER
250' FULL LANE
MARRIOTT ST.
BURROWS ST.

REVISIONS

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