PROJECT REFERENCE NO.	SHEET NO.
W-5520	EC-10/CONST.10
RW SHEET NO.	10
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:

DRMP

ENGINEERS · PLANNERS · SCIENTISTS

DRMP, INC.
5950 FAIRVIEW ROAD, SUITE 100
CHARLOTTE, NC 28210
NC LICENSE NO. C-2219 • FIRM: 301-2299

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 10

NAD 83/2011

REVISIONS

8/17/99

MATCH LINE -L4- STA. 415+50 SEE SHEET 11

405+00 410+00 415+00

MARTIN PAUL RICHARD DB 0408 PG 880

55 MARTIN PAUL RICHARD DB 0408 PG 880

56 MARTIN, MARGARET H. TRUSTEE DB 1018 PG 324

57 MARTIN, MARGARET HURST TRUSTEE DB 5527 PG 855

58 JACOBS, LARRY G. FAYE LEIGH DB 4586 PG 730

59 JACOBS, LARRY G. FAYE LEIGH DB 4586 PG 730

60 JACOBS, LARRY G. FAYE LEIGH DB 4586 PG 730

BARHAM, JOEL J TRUSTEE DB 6219 PG 661

SUN VALLEY PL

61 JACOBS, LARRY G. FAYE LEIGH DB 4586 PG 730

62 RIGGINS, BENJAMIN A DB 3809 PG 614

63 AUTO SELECT BROKERS INVESTMENTS LLC DB 1629 PG 887

BEGIN GRADE POT -L4- STA. 401+20.00

150' LEFT LANE SHIFT (6')

150' TAPER

120'

250' U-TURN LANE SHIFT (6')

200' TAPER

MEDIAN V DITCH STA. 402+50 TO 404+00 -L4-MD SEE DETAIL F

MEDIAN V DITCH STA. 404+00 TO 404+50 -L4-MD EST 60 SY PSRM SEE DETAIL G

MEDIAN V DITCH STA. 401+00 TO 402+45 -L4-MD SEE DETAIL F

MEDIAN V DITCH STA. 405+50 TO 408+00 -L4-MD SEE DETAIL F

MEDIAN V DITCH STA. 410+00 TO 412+00 -L4-MD SEE DETAIL F

SPECIAL LATERAL V DITCH STA. 410+00 TO 410+50 -L4-RT SEE DETAIL A

TIE TO EXIST. PAVEMENT

2' CURB CUT

PROP. MONOLITHIC KEYED IN ISLAND

END PROP. 2' PAVED SHOULDER BEGIN KEYED-IN MONOLITHIC ISLAND STA. 408+40.00

EST. 26 TONS CL I RIP RAP EST. 50 SY GEOTEXILE

EST. 3 TONS CL B RIP RAP EST. 10 SY GEOTEXILE

EST. 3 TONS CL B RIP RAP EST. 10 SY GEOTEXILE

18" WELDED STEEL PIPE, GRADE B (INSTALLED BY TRENCHLESS INSTALLATION 0.250" WALL THICKNESS)

END 2' PAVED SHOULDER STA. 413+19.67 BEGIN 2'-6" C&G.

PROP. 4' CONC ISLAND COVER

-L4- US 74

ADJUST 2GI

REMOVE

RETAIN

COLLAR AND EXTEND

GRADE TO DRAIN

50' TRANSITION

GRASS MEDIAN

S 47° 23' 56.5" E

BEGIN WIDEN 408+57.24

PROP. MONOLITHIC KEYED IN ISLAND

PROP. 4' PAVED SHOULDERS

BEGIN 2'-6" C&G STA. 408+97.50 TIE TO EXISTING

PROP. 2'-6" C&G

END 2'-6" C&G STA. 410+12.52 BEGIN 4' PAVED SHOULDER

END WIDEN AT DRIVEWAY

REPLACE EXISTING C&G

RETAIN SYSTEM

FLOWABLE FILL

BM#8

64 STEPHENS, VICTORIA M. ET AL DB 0815 PG 744

64 SUN VALLEY MARKETPLACE LILLC DB 4874 PG 461

65 GUY PROPERTIES LLC DB 1352 PG 230

66 GUY PROPERTIES LLC DB 1352 PG 228

67 LOWE'S HOME CENTERS INC. DB 4882 PG 296

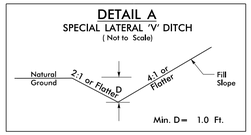
68 SUN VALLEY MARKETPLACE LILLC DB 4765 PG 341

175' TAPER

150' LEFT LANE SHIFT (6')

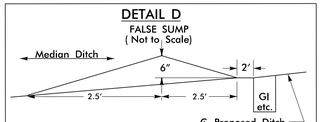
225' LEFT LANE SHIFT (6')

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



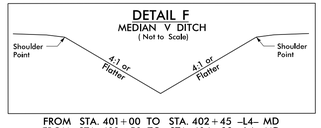
FROM STA. 410+00 TO STA. 410+50 -L4- RT

DETAIL D
FALSE SUMP
(Not to Scale)



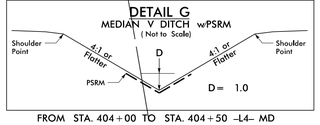
STA. 402+48 -L4- MD

DETAIL F
MEDIAN V DITCH
(Not to Scale)



FROM STA. 401+00 TO STA. 402+45 -L4- MD
FROM STA. 402+50 TO STA. 404+00 -L4- MD
FROM STA. 405+50 TO STA. 408+00 -L4- MD
FROM STA. 410+00 TO STA. 412+00 -L4- MD

DETAIL G
MEDIAN V DITCH wPSRM
(Not to Scale)



FROM STA. 404+00 TO STA. 404+50 -L4- MD

1/3/2017
N:\Environmental\Design\W5520_EC_psh_10.dgn
DW: GIS