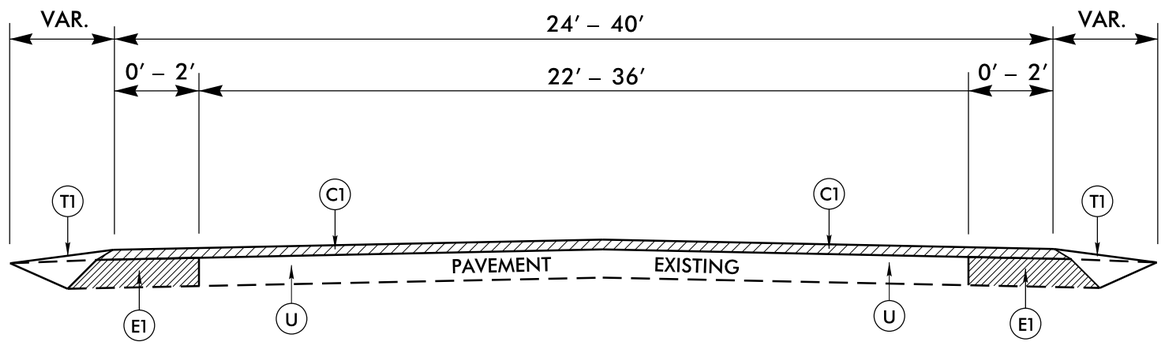
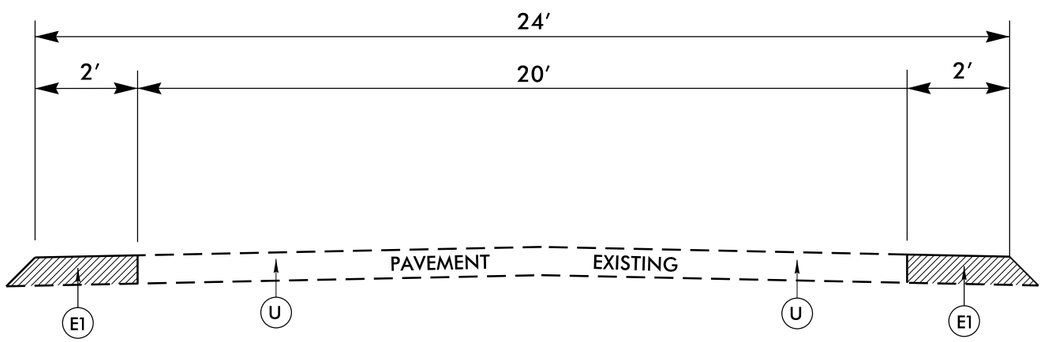


TYPICAL SECTION NO. 1

MAP NO. 1
SR 1569 (HOOVER RD.)
MP 0.073 – MP 1.125



TYPICAL SECTION NO. 2

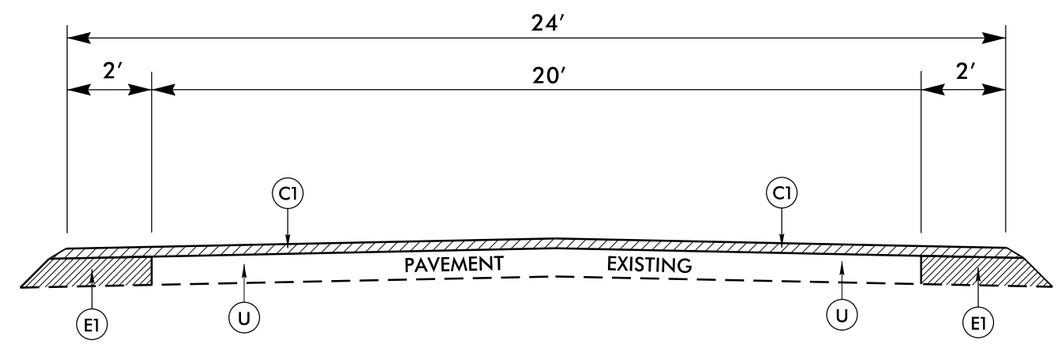
MAP NO. 2
SR 1569 (HOOVER RD.)
MP 1.125 – MP 1.620

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 5.5″ DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE.
SEE SHOULDER WEDGE DETAIL.

NOTE: SHOULDER WORK ON MAP NO. 2 & 3 AS NEEDED, TO BE DETERMINED BY ENGINEER.

PLACE EDGE LINES 10 FT. FROM CENTER LINE TO PROVIDE 2 FT. PAVED SHOULDERS.



TYPICAL SECTION NO. 3

MAP NO. 3
SR 1569 (HOOVER RD.)
MP 1.620 – END MAINT.

REVISIONS

8/17/99

23-JAN-2019 15:04
$$$$USERNAME$$$$
$$$$USERPROFILE$$$$
$$$$DGNPROJECT$$$$
$$$$DGNFILE$$$$
$$$$MODELNAME$$$$
$$$$MODELDESCRIPTION$$$$
$$$$DATE$$$$
$$$$TIME$$$$
$$$$USERNAME

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	C. A. A. PIPE 15	C. A. A. PIPE 18	C. A. A. PIPE 24	C. A. A. PIPE 30	C. A. A. PIPE 36	C. A. A. PIPE 42	C. A. A. PIPE 48	C. A. A. PIPE 54		15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	HEADWALL	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY	QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B) 0' THRU 5' EACH	A 5' THRU 10' LIN. FT.	B 10' AND ABOVE LIN. FT.	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E	F	G		CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28	G.D.I. (W.S. FLAT) FRAME WITH GRATE STD. 840.20	G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20	G.D.I. (W.S. SAG) FRAME W/ GRATE STD. 840.22	G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22	G.D.I. (N.S. SAG) FRAME W/ GRATE STD. 840.24	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ GRATE STD. 840.29	G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29	G.D.I TYPE "A" MINIMUM DEPTH STD. 840d17	PIPE REMOVAL LIN. FT.	REMARKS
Hoover Road		0001		43.9																					1																		1					1			2GI w/o CONC. APRON
		0001	0003		41.2	40.9	0.5			56																																								
Hoover Road		0002		45.0																					1																							1	1		2GI w/o CONC. APRON
		0002	0001		42.4	41.2	0.4			180																																								
Hoover Road		0004																																																existing pipe
Hoover Road		0006																																																
		0006	0007		48.9	46.9	0.5	64																																									
Hoover Road		0007		48.8																					1														1							1			2GI w/o CONC. APRON
		0007	0008		46.9	45.3	0.7	116																																									
Hoover Road		0008		47.5																					1														1					1					2GI w/o CONC. APRON
		0008	0009		44.9	44.6	0.4		76																																								
Hoover Road		0010		49.8																					1														1							1			2GI w/o CONC. APRON
		0010	0011		47.9	47.0	0.3	96																																									
Hoover Road		0011		48.9																					1														1							1			2GI w/o CONC. APRON
		0011	0012		47.0	47.0	0.3	8																																									
Hoover Road		0014		43.4																					1														1							1			2GI w/o CONC. APRON
		0014	0013		41.2	40.8	0.4		96																																								
Hoover Road		0015		44.3																					1														1					1					2GI w/o CONC. APRON
		0015	0014		42.1	41.2	0.3		104																																								
Hoover Road		0016		47.8																					1														1							1			2GI w/o CONC. APRON
		0016	0015		45.6	42.1	0.3		96																																								
Hoover Road		0017		49.1																					1														1							1			2GI w/o CONC. APRON
		0017	0016		47.0	45.6	0.9		96																																								
Hoover Road		0018		49.8																					1														1					1					2GI w/o CONC. APRON
		0018	0017		47.6	47.1	0.3		180																																								
Hoover Road		0019		50.0																					1														1							1			2GI w/o CONC. APRON
		0019	0018		47.8	47.6	0.3		64																																								
Hoover Road		0020		50.2																					1														1							1			2GI w/o CONC. APRON
		0020	0019		48.1	47.8	0.3	100																																									
Hoover Road		0021		50.2																					1														1							1			2GI w/o CONC. APRON

ABBREVIATIONS

C.A.A.	CORRUGATED ALUMINIUM ALLOY
C.B.	CATCH BASIN
C.S.	CORRUGATED STEEL
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
H.D.P.E.	HIGH DENSITY POLYETHYLENE
J.B.	JUNCTION BOX
M.H.	MANHOLE
N.S.	NARROW SLOT
P.V.C.	POLYVINYL CHLORIDE
R.C.	REINFORCED CONCRETE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX
W.S.	WIDE SLOT

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	C. A. A. PIPE 15	C. A. A. PIPE 18	C. A. A. PIPE 24	C. A. A. PIPE 30	C. A. A. PIPE 36	C. A. A. PIPE 42	C. A. A. PIPE 48	C. A. A. PIPE 54		15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	HEADWALL	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY	QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B) 0' THRU 5' EACH	A 5' THRU 10' LIN. FT.	B 10' AND ABOVE LIN. FT.	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E	F	G		CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28	G.D.I. (W.S. FLAT) FRAME WITH GRATE STD. 840.20	G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20	G.D.I. (W.S. SAG) FRAME W/ GRATE STD. 840.22	G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22	G.D.I. (N.S. SAG) FRAME W/ GRATE STD. 840.24	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ GRATE STD. 840.29	G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29	G.D.I TYPE "A" MINIMUM DEPTH STD. 840d17	PIPE REMOVAL LIN. FT.	REMARKS
		0021	0020		48.3	48.1	0.3	64																																											
Hoover Road		0023																																																	
		0023	0024		45.0	43.1	0.4		144																																										
Hoover Road		0024		45.3																				1														1							1			2GI w/o CONC. APRON
		0024	0025		43.1	42.1	0.5		108																																										
Hoover Road		0025		44.3																				1														1						1				2GI w/o CONC. APRON
		0025	0026		42.1	40.8	0.6		100																																										
Hoover Road		0026		43.5																				1																							1	1		2GI w/o CONC. APRON
		0026	0027		40.8	40.8	0.3			24																																									
Hoover Road		0028																																																	
		0028	0029		49.4	48.3	0.3	64																																											
Hoover Road		0029		50.3																				1														1							1			2GI w/o CONC. APRON
		0029	0030		48.3	48.2	0.3	60																																											
Hoover Road		0030		50.2																				1														1						1				2GI w/o CONC. APRON
		0030	0031		48.2	48.2	0.3	8																																											
Hoover Road		0033		49.8																				1														1							1			2GI w/o CONC. APRON
		0033	0032		47.9	47.8	0.3	8																																											
Hoover Road		0034		60.0																																																
		0034	0033		48.7	47.9	0.3	92																																											
Hoover Road		0036																																																	
		0036	0037		48.1	47.2	1.0	40																																											
Hoover Road		0037		49.8																				1														1							1			2GI w/o CONC. APRON
Hoover Road		0038																																																	
		0038	0037		49.1	47.9	0.3	64																																											
Hoover Road		0040			51.5	51.3	0.3				52																																								
Hoover Road		0041							24																																										
Hoover Road		0042							24																																										
Hoover Road		0043										52									1																															
Hoover Road		0000																																																51	15" cmp cross line near str#40
Hoover Road		0000																																																38	18" rcp cross line near str#36

ABBREVIATIONS

C.A.A.	CORRUGATED ALUMINIUM ALLOY
C.B.	CATCH BASIN
C.S.	CORRUGATED STEEL
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
H.D.P.E.	HIGH DENSITY POLYETHYLENE
J.B.	JUNCTION BOX
M.H.	MANHOLE
N.S.	NARROW SLOT
P.V.C.	POLYVINYL CHLORIDE
R.C.	REINFORCED CONCRETE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX
W.S.	WIDE SLOT

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	C. A. A. PIPE 15	C. A. A. PIPE 18	C. A. A. PIPE 24	C. A. A. PIPE 30	C. A. A. PIPE 36	C. A. A. PIPE 42	C. A. A. PIPE 48	C. A. A. PIPE 54		15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	HEADWALL	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY	QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B) 0' THRU 5' EACH	A 5' THRU 10' LIN. FT.	B 10' AND ABOVE LIN. FT.	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E	F	G		CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28	G.D.I. (W.S. FLAT) FRAME WITH GRATE STD. 840.20	G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20	G.D.I. (W.S. SAG) FRAME W/ GRATE STD. 840.22	G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22	G.D.I. (N.S. SAG) FRAME W/ GRATE STD. 840.24	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ GRATE STD. 840.29	G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29	G.D.I TYPE "A" MINIMUM DEPTH STD. 840d17	PIPE REMOVAL LIN. FT.	REMARKS
Hoover Road		0000																																																			20	15" drive pipe near str#34
Hoover Road		0000																																																			22	18" drive pipe near str#41
Hoover Road		0000																																																			22	18" drive pipe near str#42
Hoover Road		0000																																																			60	18" rcp near str#25
Hoover Road		0000																																																			50	30" rcp cross line near str#43
Hoover Road		0000																																																			49	18" drive pipe near str#15
Hoover Road		0000																																																			24	15" drive pipe near str#08
Hoover Road		0000																																																			62	15" rcp near str#06
Hoover Road		0000																																																			28	15" drive pipe near str#18
Hoover Road		0000																																																			33	18" drive pipe near str#01
Hoover Road		0000																																																			60	36" cmp cross line near str#44
Totals									**1112**	**260**	**52**	**52**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0.000**	**0.000**	**0.000**	**21**	**0.0**	**0.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**7**	**0**	**14**	**3**	**519**	

ABBREVIATIONS

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C.B.	CATCH BASIN
C.S.	CORRUGATED STEEL
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
H.D.P.E.	HIGH DENSITY POLYETHYLENE
J.B.	JUNCTION BOX
M.H.	MANHOLE
N.S.	NARROW SLOT
P.V.C.	POLYVINYL CHLORIDE
R.C.	REINFORCED CONCRETE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX
W.S.	WIDE SLOT

SHEET 1 OF 4

PROJECT REFERENCE NO.	SHEET NO.
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007
ANC GRID

REVISIONS
8/17/99

MCDONALD'S REAL ESTATE CO
CYPRESS CORP LLC
BURNS LANE
TERRY RAY COSTON
NORMA JEAN TERRELL SMITH
DOROTHY ROJEAN MORVAN
30' ACCESS EASEMENT
30' ACCESS EASEMENT
JERRY D RANDALL
JASON K LERAY
BLANEY W BATTS
BILLY A SANDERS
30' ACCESS & DRAINAGE EASEMENT
VIRGIL RAY LEA
WILLIAM CAMPBELL
VIRGIL RAY LEA
THE COLONEL'S PLACE LLC
THE COLONEL'S PLACE LLC

REMOVE EX. PIPE
INV = 51.49'
30" CAAP
40
INV = 51.34'
CL B RIP RAP
24" CROSS ACCESS & UTILITY EASEMENT
30' AT&T EASEMENT
30' CROSS ACCESS & UTILITY EASEMENT
THE PANTRY INC
ISBLK BUS
MTL CANOPY WITH 6 FUEL PUMPS
MARK ARMSTRONG
MARK ARMSTRONG
POND
FRED R. & ALBRECHT TRUSTEES
15' RIGHT OF WAY RESERVATION FOR COUNTY BIKE/PEDESTRIAN PATH
20' UTILITY EASEMENT
PAMELA A HAUSER
R3100-25
SR 1569 HOOVER RD.
JACK R INGRAM SR
JENNIFER CANDICE LERAY
THOMAS HENN
THOMAS HENN

TIE PROPOSED 2GI TO EXIST. 24" RCP
REMOVE EX. PIPE
37
TOP = 49.83'
INV = 47.16'
18" CAAP
2GI-D
INV = 49.14'
38
24" CAAP
36
INV = 48.06'
34
INV = 48.65'
GRADE TO DRAIN SWALE FROM STR#38 TO #37
REMOVE EX. PIPE
GRADE TO DRAIN SWALE FROM FROM DRIVE TO STR#37
REMOVE EX. PIPE

50' 0' 50' 100' 150'
GRAPHIC SCALE

SHEET 2 OF 4

PROJECT REFERENCE NO.	SHEET NO.
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007
NC GRID

8/17/99

REVISIONS

VIRGIL RAY LEA

THE COLONEL'S PLACE LLC

WILLIAM

SHARON B CHAPMAN

LINDA KAYE HOWARD TAYLOR

KENNETH C NORMAN

KENNETH CHARLES NORMAN

THOMAS HENN

WAYNE STEVENS

AINA KONOHIKI LLC

RICHARD JAMES PENLAND

PAUL STROUD GRIMSLEY TRUSTEE

20' ACCESS EASEMENT

SR 1569 HOOVER RD

POND

Sparrows Bend Subdivision

TIE WIDENING TO SHLDR

GRADE TO DRAIN SWALE FROM DRIVE TO STR#33

GRADE TO DRAIN SWALE FROM STR#34 TO #33

DITCH CLEAN OUT TO DRAIN OUTFALL (APPROX. 170' +/-)

GRADE TO DRAIN SWALE FROM STR#28 TO #29

REMOVE EX. PIPE

REMOVE EX. PIPE

REMOVE EX. PIPE

REMOVE EX. PIPE

CLEAN OUT PIPE END

REMOVE AND REPLACE

CLEANNOUT PIPE END

GRADE TO DRAIN SWALE FROM DRIVE TO STR#30

GRADE TO DRAIN SWALE FROM STR#29 TO #30

GRADE TO DRAIN SWALE FROM FROM DRIVE TO STR#37

RETAIN

CL B RIP RAP

15" CAAP

18" CAAP

2GI-D

TOP=49.83'
INV=47.16'

INV=49.14'

INV=48.06'

INV=48.65'

TOP=49.78'
INV=47.86'

INV=47.84'
CL B RIP RAP

TOP=50.15'
INV=48.23'

INV=48.22'

TOP=50.30'
INV=48.29'

INV=49.43'

38 36 34 33 37 32 30 31 29 28 41 42

0' 50' 100' 150'
SCALE

50' 0' 50' 100' 150'
GRAPHIC SCALE

SHEET 3 OF 4

PROJECT REFERENCE NO.	SHEET NO.
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007
NC GRID

REVISIONS

1/29/2019

SR 1569 HOOVER RD

POND

POND

house

GRADE TO DRAIN SWALE FROM STR#23 TO #24

INV = 45.04′ (23)

TOP = 45.25′ INV = 43.08′ (24)

TOP = 44.25′ INV = 42.08′ (25)

REMOVE EX. PIPE

TOP = 43.51′ INV = 40.84′ (26)

INV = 40.78′ (27)

(13) INV = 40.78′

CL I RIP RAP

TOP = 43.36′ INV = 41.19′ (14)

GRADE TO DRAIN SWALE FROM STR#15 TO #14

REMOVE EX. PIPE (15)

GRADE TO DRAIN SWALE FROM STR#16 TO #15

TOP = 47.79′ INV = 45.62′ (16)

GRADE TO DRAIN SWALE FROM STR#17 TO #16

TOP = 49.14′ INV = 46.97′ (17)

GRADE TO DRAIN SWALE FROM STR#18 TO #17

REMOVE EX. PIPE

(18) TOP = 49.80 INV = 47.63′

TOP = 49.99′ INV = 47.82′

GRADE TO DRAIN SWALE FROM STR#19 TO #18

GRADE TO DRAIN SWALE FROM STR#20 TO #19

(19)

(20) TOP = 50.18 INV = 48.12′

GRADE TO DRAIN SWALE FROM STR#21 TO #20

(21) TOP = 50.24′ INV = 48.32′

18″ CAAP — 2GI–D — 18″ CAAP — 2GI–D — 18″ CAAP — 18″ RCP (new) — 2GI–A SEE SPEC. DETAIL — 18″ CAAP — 2GI–D — 18″ CAAP — 18″ RCP (new) — 2GI–D — 18″ CAAP — 2GI–D — 18″ CAAP — 2GI–D — 18″ CAAP — 2GI–D — 18″ CAAP — 15″ CAAP — 2GI–D — 15″ CAAP — 2GI–D

24″ CAAP — (43) INV = 41.02′ HW

GRADE TO DRAIN SWALE FROM STR#24 TO #25

REMOVE EX. PIPE

CL B RIP RAP

INV = 44.64′ (09)

18″ CAAP — 2GI–D — 15″ CAAP — 2GI–D — 15″ CAAP

(08) TOP = 47.50′ INV = 44.90′

(07) TOP = 48.84′ INV = 46.92′

(06) INV = 48.91

REMOVE EX. PIPE

REMOVE EX. PIPE

GRADE TO DRAIN SWALE FROM STR#07 TO #08

EXISTING R/W

60.00′

FENDER COUNTY

582

583 TIOGA, LLC.

584 SHEILA M. PASCHALL

585 VINCENT NAPOLI

586 KRUSE, JUX

TREATED WASTE WATER SPRAY FIELD

48″ WW & 35BW

15′ UTILITY EASEMENT
MB 41 PG 52

ISFD — 6.0′ WD GATE — ISF CAR PORT — 36″ CONC — 15″ CMP — 2SFD — OR — SOIL & FOR

break

50′ 100′ 150′

50′ 0′ 50′ 100′ 150′
GRAPHIC SCALE

SHEET 4 OF 4

PROJECT REFERENCE NO.	SHEET NO.
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007
NC GRID

SCHOOL

PENDER COUNTY 582

NORMA C. MOORE 580

GRADE TO DRAIN SWALE FROM STR#10 TO #11

15" CAAP

12 CL B RIP RAP
INV = 46.98'

11

10

2GI-D
TOP = 49.81'
INV = 47.89'

15" CAAP

2GI-D
TOP = 48.92'
INV = 47.00'

GRADE TO DRAIN SWALE FROM STR#19 TO #20

GRADE TO DRAIN SWALE FROM STR#21 TO #20

21 TOP = 50.24'
INV = 48.32'

20 TOP = 50.18'
INV = 48.12'

15" CAAP

2GI-D

TIE TO EXISTING SYSTEM

TOP = 45.04'
INV = 42.37'

24" CAAP

2GI-A
SEE SPEC. DETAIL

02

TOP = 43.89'
INV = 41.22'

24" CAAP

INV = 40.94'

2GI-A
SEE SPEC. DETAIL

01

03 CL B RIP RAP

REMOVE EX. PIPE

GRADE TO DRAIN SWALE FROM STR#02 TO #01

REMOVE EX. PIPE

CL I RIP RAP

INV = 36.02'
BURIED = 35.02'

44

LITTLE WHITE MARSH

TREATED WASTE WATER SPRAY FIELD

MONITORING WELL

WOODS

TIOCA, LLC. 583

SHELA M. PASCHALL 584

VINCENT NAPOLI 585

KEVIN M. KRUSE, ET UX 586

TIOCA, LLC. 587

MATTHEW PAPADIMATOS, ET UX 588

DEBRA J. MILLER 589

STACEY GREG RD

PAULA M. ROCK, ET VIR 590

MICHAEL R. CARTA 591

ANTHONY LILLEY, ET UX 592

HILDUR C. SWAIN 593

BRADLEY LILLEY, ET UX 595

road & ditch break

50' 0' 50' 100' 150'
GRAPHIC SCALE

REVISIONS

1/29/2019