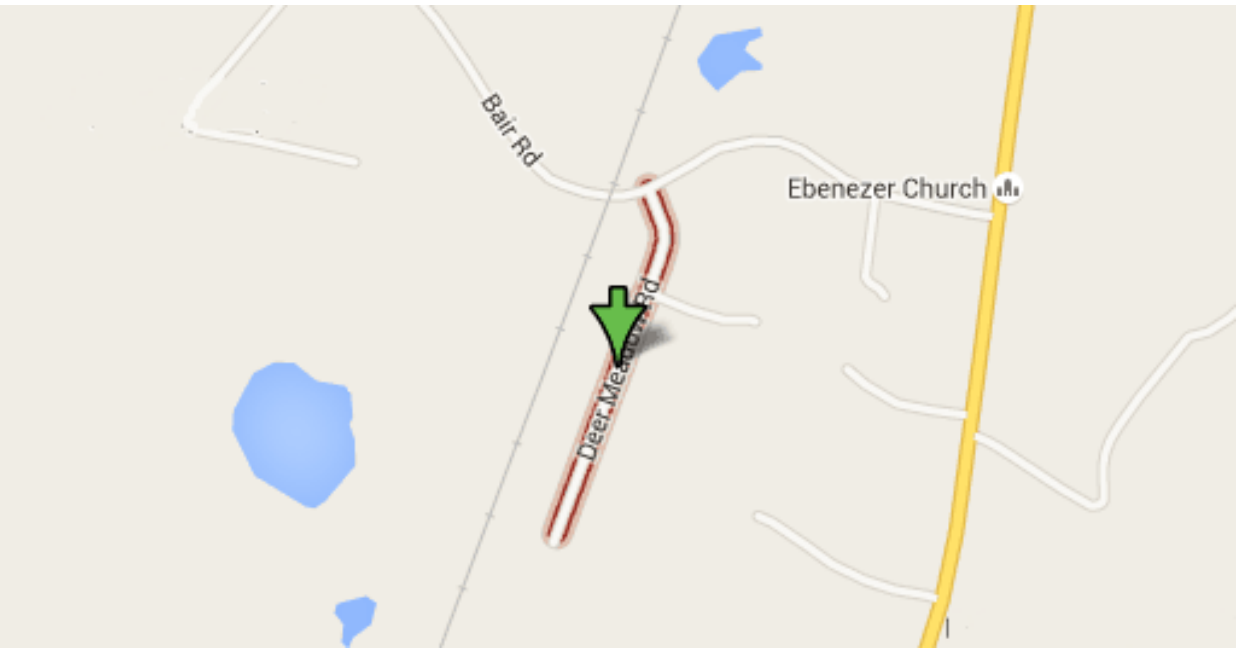
SECTION F: PROJECT INFORMATION

INFORMATION / PLANS

Deer Meadow Road, Saint Matthews, Calhoun County, SC



DEER MEADOW LANE IMPROVEMENTS

FOR

CALHOUN COUNTY, SOUTH CAROLINA

UTILITIES:

WINDSTREAM COMMUNICATIONS
855-575-7625

TIME WARNER CABLE
1-800-892-4357

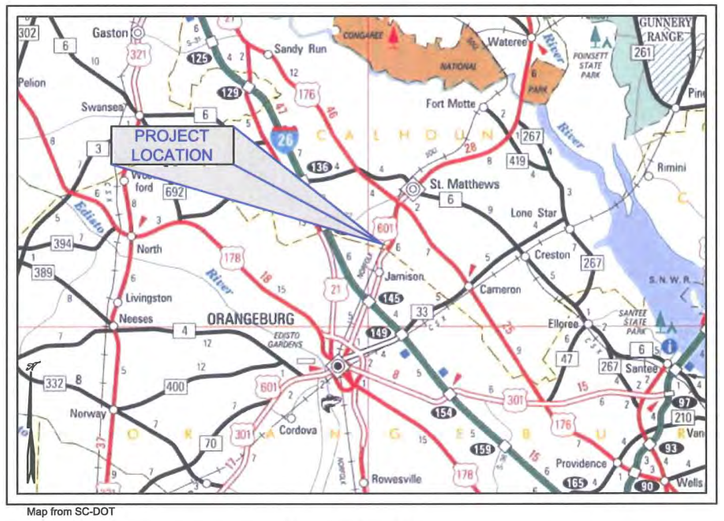
SCE&G
1-800-251-7234

TRI-COUNTY ELECTRIC CO-OP
877-874-1215

OWNER:

CALHOUN COUNTY
102 COURTHOUSE DRIVE
ST MATTHEWS, SC 29135

RAILROAD INVOLVEMENT?
YES / NO



Map from SC-DOT

Vicinity Map

Scale: 1" = 10 mile

Location Map

Scale: NTS

Sheet Index

DM-00	Cover
DM-01	Notes and Details (Sheet 1 of 2)
DM-02	Notes and Details (Sheet 2 of 2)
DM-03	Deer Meadow Lane Plan & Profile (Sheet 1 of 4)
DM-04	Deer Meadow Lane Plan & Profile (Sheet 2 of 4)
DM-05	Deer Meadow Lane Plan & Profile (Sheet 3 of 4)
DM-06	Deer Meadow Lane Plan & Profile (Sheet 4 of 4)

APPROVED FOR CONSTRUCTION

DATE

COUNTY REPRESENTATIVE

NPDES PERMIT INFORMATION

Project Areas:
Disturbed Area: 0.9 acres
Total Area: 2.5 acres

Approximate Location:
Longitude: 80°48'20.84" W
Latitude: 33°36'21.80" N

PUPS
PALMETTO UTILITY PROTECTION SERVICES INC

Please Call
Palmetto Utility Protection Service
1-888-721-7877
72 Hours Prior to Beginning Construction

Engineer	Revision	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA No. 18310 REGISTERED PROFESSIONAL ENGINEER DANIEL R. DENNIS

DENNIS CORPORATION
Engineering • Surveying • Construction Services
www.DennisCorporation.com
1800 Huger Street
Columbia, SC 29201
Office: (803) 252-0991
Fax: (803) 733-6787

CTC Package 2014-12
for
Calhoun County, South Carolina

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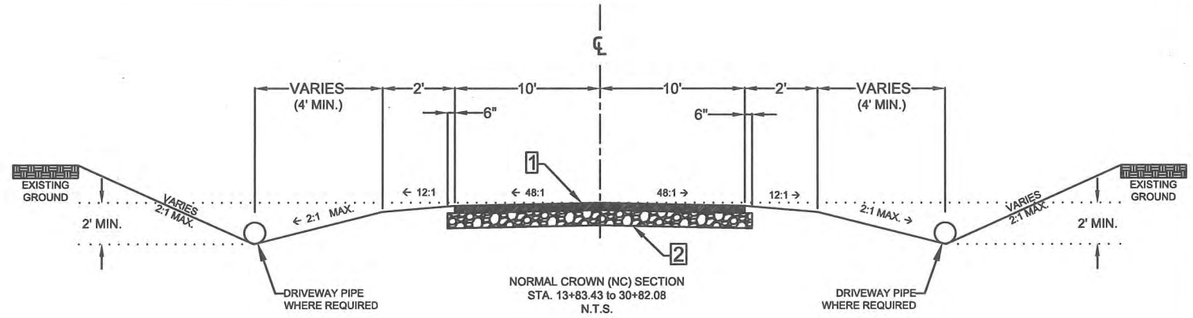
Project
C0057.01

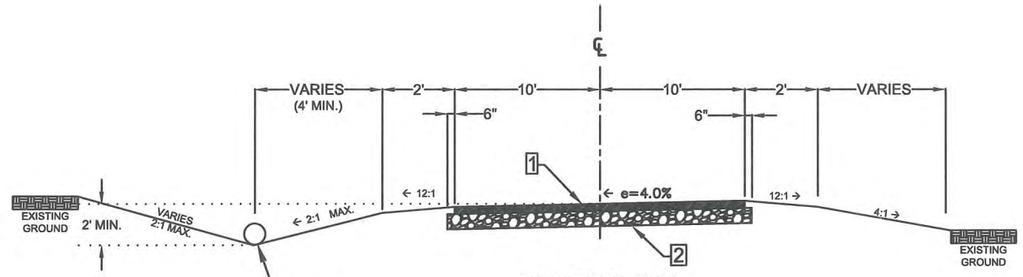
Sheet
DM-00

SUMMARY OF ESTIMATED QUANTITIES

Item No.	Description	Quantity	Units
1	Mobilization	1	LS
2	Construction Stakes, Lines, and Grades	1	LS
3	Maintenance of Traffic	1	LS
4	Clearing and Grubbing Within Roadway	1	LS
5	Unclassified Excavation	1	LS
6	Cement-Modified Subbase (8" Uniform)	5,170	SY
7	Portland Cement for Cement-Modified Subbase (5.4%)	3.9	TON
8	HMA Surface Course - Type C (Including Binder)	675	TON
9	15" HDPE, Smooth Core, 24' Lengths	408	LF
10	15" RC Pipe Culvert - Class III	40	LF
11	RipRap (Class B)	25	TON
12	Geotextile For Erosion Control Under Riprap (Class 2) Type C	30	SY
13	Silt Fence	400	LF
14	Permanent Vegetation	1.1	ACRE
15	Maintenance Stone	40	TON
16	Raised Pavement Markers	51	EA



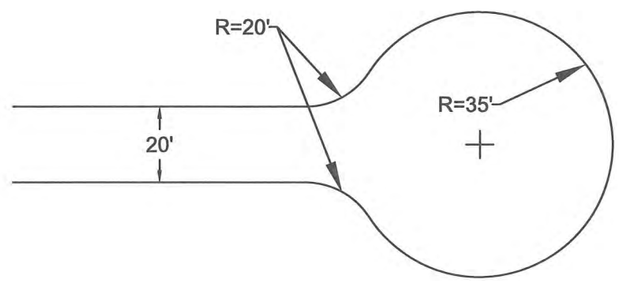
NORMAL CROWN (NC) SECTION
STA. 13+83.43 to 30+82.08
N.T.S.

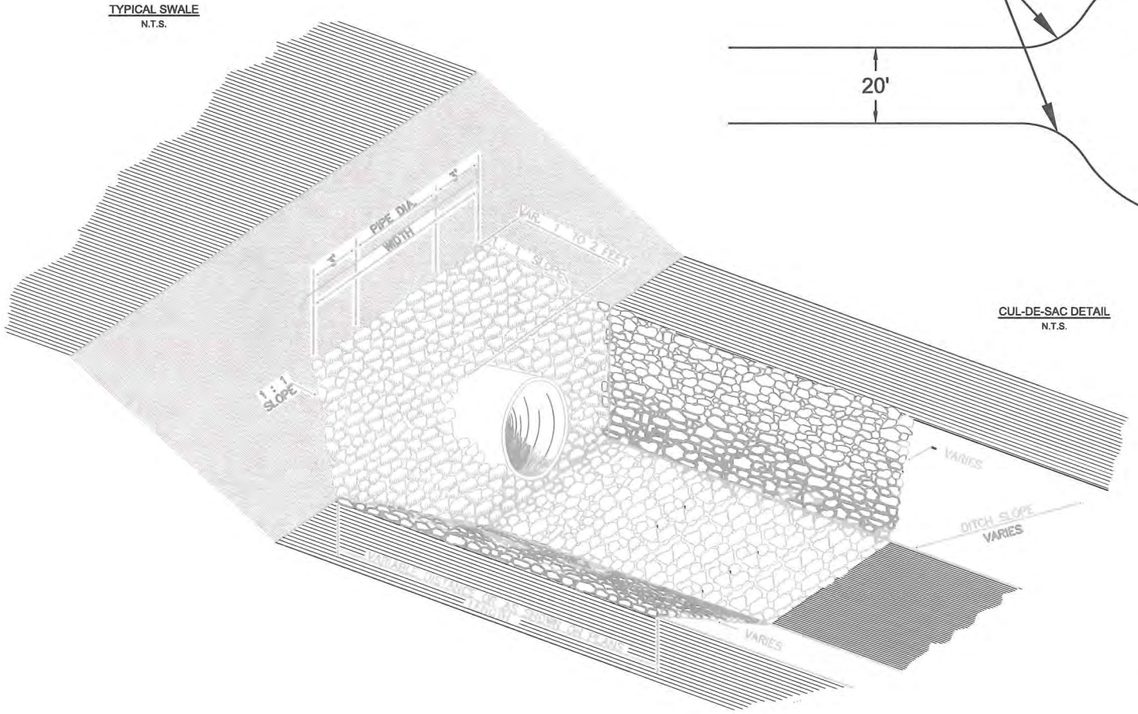


SUPER ELEVATION SECTION
e = 4.0%
BEGIN TRANSITION 60 LF BEFORE PC
BEGIN FULL SUPERELEVATION 30 LF AFTER PC
STA. 10+51 to 13+83.43
N.T.S.

1 – HMA SURFACE COURSE: 2" UNIFORM
2 – CEMENT MODIFIED SUBBASE: 8" UNIFORM
(5.4% PORTLAND CEMENT, 40#/SY)

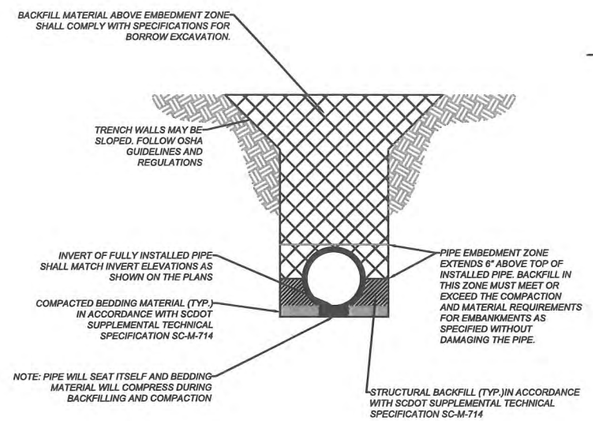
TYPICAL SWALE
N.T.S.



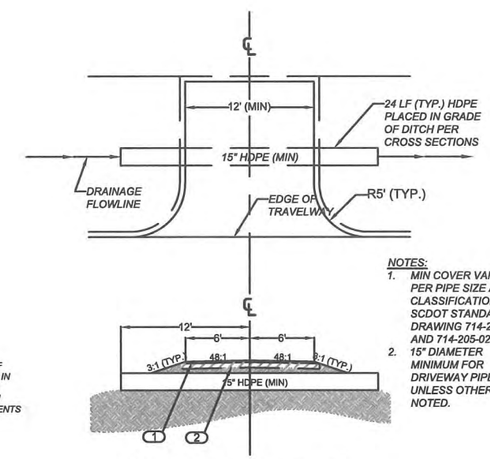


CUL-DE-SAC DETAIL
N.T.S.

RIPRAP OUTLET DETAIL
N.T.S.



PIPE BEDDING DETAIL
N.T.S.



NOTES:
1. MIN COVER VARIES PER PIPE SIZE AND CLASSIFICATION. SEE SCDOT STANDARD DRAWING 714-205-01 AND 714-205-02
2. 15" DIAMETER MINIMUM FOR DRIVEWAY PIPES UNLESS OTHERWISE NOTED.

1 2" Asphalt Surface Course - Type C
2 12" Compacted Earth

Typical Driveway Detail
N.T.S.

Revision	Date	Description

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 18310 LAND SURVEYOR No. 893 DANIEL R. DENNIS

Deer Meadow Lane
Notes & Details
(Sheet 1 of 2)

DENNIS CORPORATION

CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

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Scale As Shown

Sheet DM-01

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF PIPE FLOW LINES AND SIDEROAD TIE-INS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY APPARENT DISCREPANCIES OR CONFLICTS IN THE CONSTRUCTION PLANS PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE UTILITY LOCATION WITH UTILITY PROVIDER DURING CONSTRUCTION.
3. RELOCATION AND / OR ADJUSTMENT OF ANY UTILITY IS TO BE COMPLETED BY THE OWNER OF THE UTILITY.
4. CHANGES INVOLVING INCREASED COST OF PROJECT OR CHANGES IN ALIGNMENT MUST BE SPECIFICALLY AUTHORIZED BY THE OWNER AND ENGINEER.
5. PIPE LENGTHS THAT ARE SHOWN ON THE PLANS ARE HORIZONTAL DISTANCES. FIELD ADJUSTMENT OF THE ACTUAL PIPE LENGTHS MAY BE NECESSARY.
6. THE CONTRACTOR SHALL STAGE HIS CLEARING AND GRUBBING WORK ALONG WITH HIS CONSTRUCTION WORK TO MINIMIZE THE AMOUNT OF EROSION AND SEDIMENTATION.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND MAINTENANCE OF EXISTING PERMANENT SIGNS DURING CONSTRUCTION.
8. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR IN AN EXPEDIENT MANNER ANY DAMAGE THAT OCCURS TO THE CROSS ROADS DUE TO THESE ROADS BEING USED IN THE HAULING PROCESS.
9. THE LOCATION OF THE UTILITIES IN THE PLANS IS BASED ON LIMITED INVESTIGATION TECHNIQUES AND INFORMATION PROVIDED BY OTHERS. THE LOCATIONS OF THE SHOWN UTILITIES SHOULD BE CONSIDERED APPROXIMATE. THE ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. THERE MAY OR MAY NOT BE OTHER UTILITIES WITHIN THE LIMITS OF THE PROJECT. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE STEPS TO SATISFY THEMSELVES AS TO THE NUMBER, TYPE, OWNER, AND LOCATION (BOTH HORIZONTAL AND VERTICAL) OF ALL ABOVE AND BELOW GRADE UTILITIES WITHIN THE LIMITS OF THE PROJECT.
10. ALL DRAINAGE STRUCTURES AND PIPE ARE TO BE IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR HIGHWAY CONSTRUCTION AND STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION UNLESS OTHERWISE NOTED.
11. COORDINATE REMOVAL AND REPLACEMENT OF ANY FENCE WITH THE OWNER OR DESIGNATED REPRESENTATIVE.
12. CONTRACTOR TO PREPARE A TRAFFIC CONTROL PLAN AND A WORKZONE SAFETY PLAN WHICH ARE TO BE SUBMITTED TO THE COUNTY ENGINEER OR DESIGNATED REPRESENTATIVE FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. THE WORKZONE SAFETY PLAN IS TO BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS AS MAY BE DIRECTED BY THE OWNER OR DESIGNATED REPRESENTATIVE. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
13. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE CONCURRENCE OF THE ENGINEER IN REGARDS TO LOCATING THE LIMITS OF CLEARING AND GRUBBING.
14. THE EXISTING AND PROPOSED CENTERLINE MAY NOT COINCIDE. THE SHOWN LOCATION OF ROAD RIGHT-OF-WAY IS BASED UPON INFORMATION PROVIDED BY THE COUNTY TO THE ENGINEER. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS ADVISED TO REQUEST, FROM THE COUNTY, CONFIRMATION OF THE SHOWN RIGHT-OF-WAY AND ANY CHANGES THERETO AS WELL AS RECEIVE DELIVERY OF PERTINENT EASEMENTS AND PERMISSION TO ENTER PRIVATE PROPERTY.
15. ERECT BMP'S IN ACCORDANCE WITH THE CONSTRUCTION PLANS, SPECIFICATIONS, AND DETAILS OR AS DIRECTED BY THE ENGINEER. TO THE MAXIMUM EXTENT POSSIBLE, ERECT BMP'S WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND / OR EASEMENTS.
16. ROADWAY TO BE CENTERED WITHIN THE RIGHT-OF-WAY USING THE TYPICAL SECTIONS AS A TEMPLATE. HORIZONTAL AND VERTICAL CURVES ARE TO BE NORMALIZED AS DIRECTED BY THE ENGINEER.
17. DRAINAGE STRUCTURES MAY BE FIELD-ADJUSTED AS DIRECTED BY THE ENGINEER TO ACHIEVE FINISHED GRADE WHILE MAINTAINING MINIMUM COVER REQUIREMENTS AND A MINIMUM PIPE SLOPE OF 0.5%.
18. PROPERTY LINES SHOWN HEREIN WERE DRAWN USING PLATS PROVIDED BY THE COUNTY, AS AVAILABLE. FOR PROPERTIES WHERE PLATS WERE UNAVAILABLE, PROPERTY LINES WERE DRAWN USING CALHOUN COUNTY ONLINE TAX MAPS. PROPERTY OWNER INFORMATION OBTAINED FROM CALHOUN COUNTY ONLINE TAX MAPS.
19. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION BY PROVIDING A REASONABLY SMOOTH AND EVEN SURFACE SATISFACTORY FOR THE USE OF PUBLIC TRAFFIC AND TO PROVIDE ACCESS TO ALL PUBLIC ROADS AND RESIDENTIAL ENTRANCES AT ALL TIMES.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS FOR MAIL SERVICE DURING CONSTRUCTION. IF NECESSARY, CONTRACTOR SHALL COORDINATE ANY TEMPORARY MAILBOX RELOCATIONS WITH UNITED STATES POSTAL SERVICE.
21. ALL TIE-INS WITH EXISTING ASPHALT SHALL BE SAW CUT.

DHEC STANDARD NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

Revision	Date	Description

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

SOUTH CAROLINA DENNIS CORPORATION CERTIFICATE OF AUTHORIZATION NO. 3103

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND SURVEYOR No. 18310 DANIEL R. DENNIS

Deer Meadow Lane
Notes & Details
(Sheet 2 of 2)

DENNIS CORPORATION

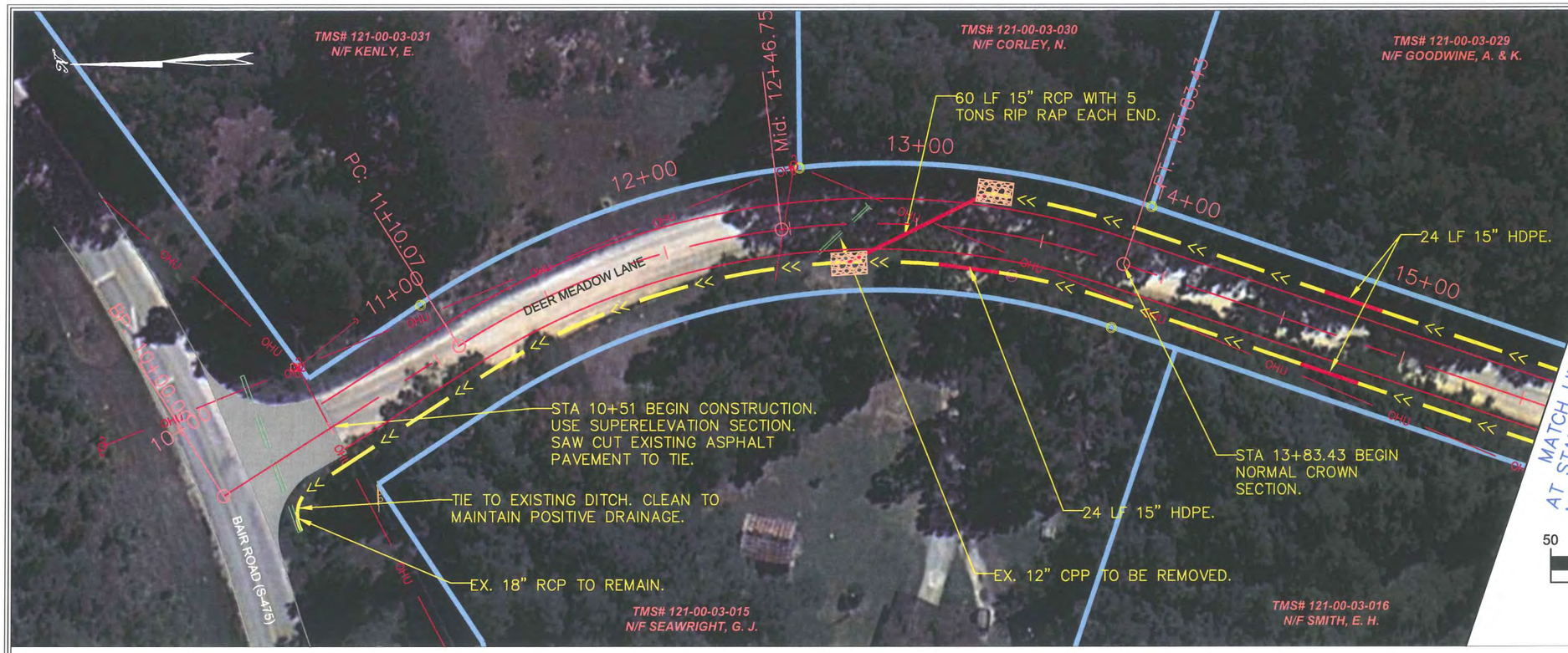
CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

Project C0057.01

Scale As Shown

Sheet DM-02



LEGEND

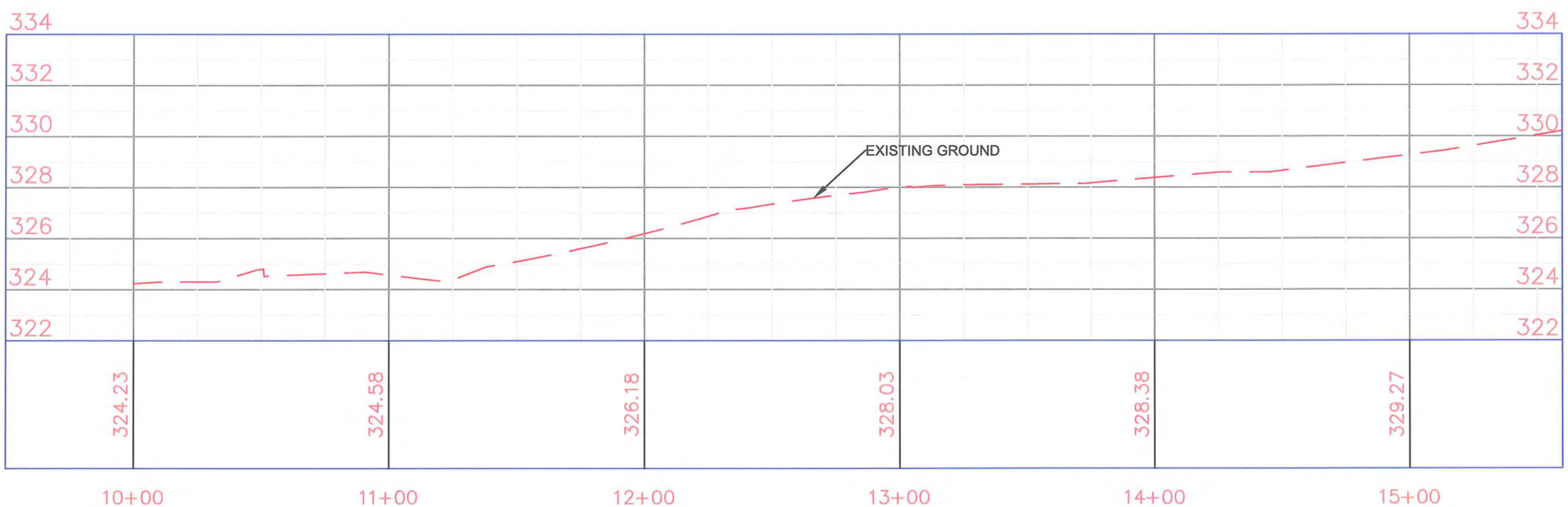
- IRON PIPE FOUND
- EX. POWER POLE
- EX. MAILBOX
- EX. UTILITIES BOX
- EX. SIGN
- EX. FENCE
- EX. PROPERTY LINE
- EX. OVERHEAD UTILITY (OHU)
- EX. UNDERGROUND TELE (UGT)
- PROP. SWALE LINE
- PROP. DITCH LINE
- PROP. PIPE
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

NOTES:

1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.

50 0 25 50 100

Scale: 1" = 50'



HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Engineer	Rev.	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER AND LAND SURVEYOR No. 18310 DANIEL R. DENNIS

Deer Meadow Lane
Plan & Profile
(Sheet 1 of 4)

DENNIS CORPORATION

CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

Project: C0057.01

Scale: 1" = 50'

Sheet: DM-03

LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
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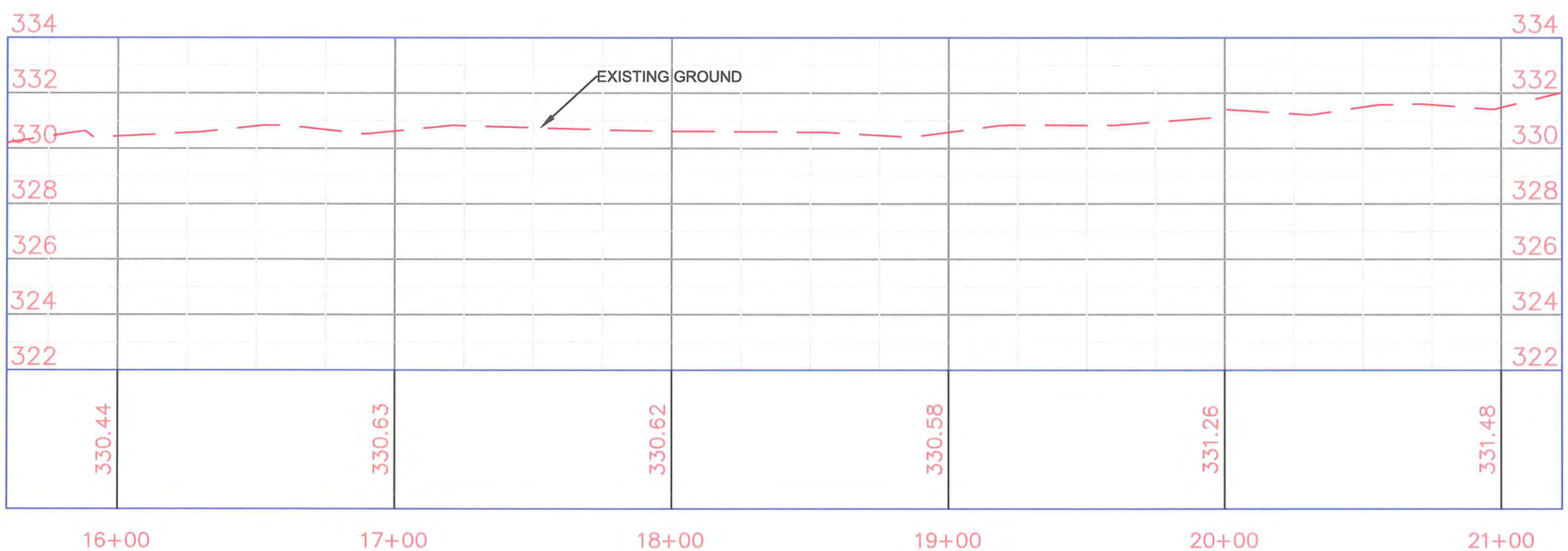

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Rev.	Date	Description

Engineer	D. Dennis
Drawn By	M. Arnfield
Checked By	M. Hines

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Deer Meadow Lane
Plan & Profile
(Sheet 2 of 4)

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August 2015 | Calhoun County | South Carolina

Project C0057.01

Scale 1" = 50'

Sheet DM-04

LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
- EX. MAILBOX
- EX. UTILITIES BOX
- EX. SIGN
- EX. FENCE
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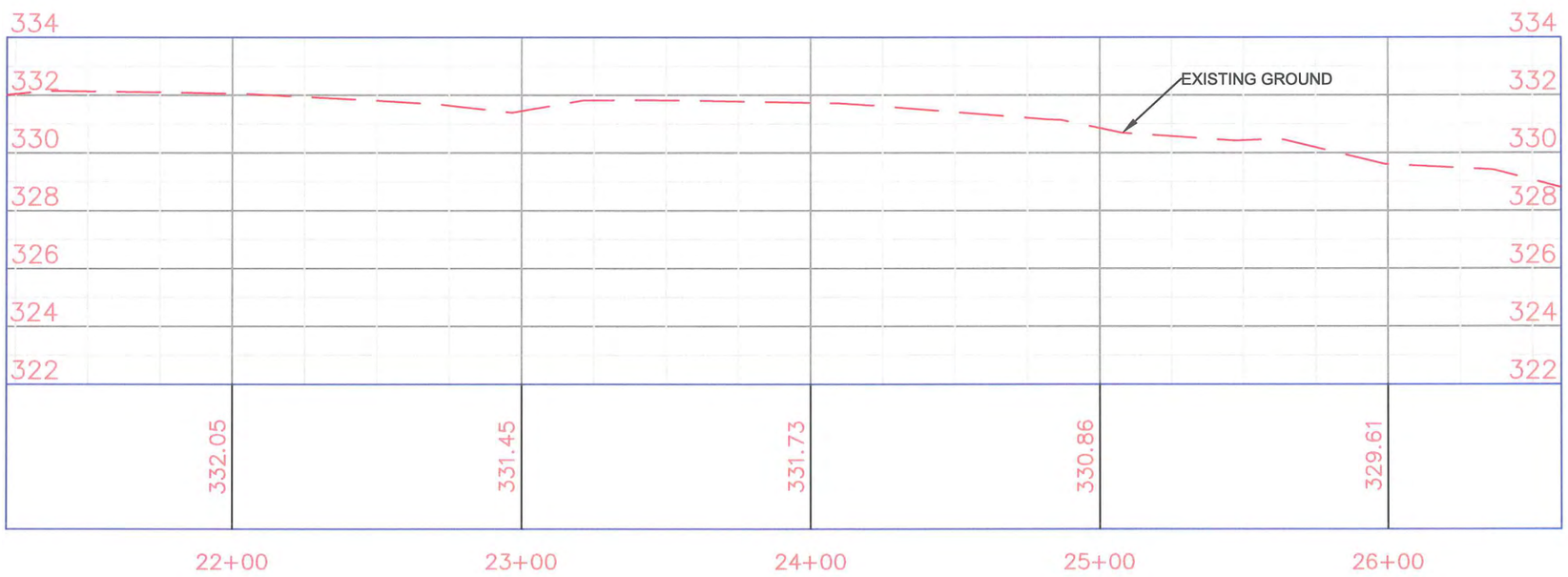

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Rev.	Date	Description

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

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Deer Meadow Lane
Plan & Profile
(Sheet 3 of 4)

DENNIS CORPORATION

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Project: C0057.01

Scale: 1" = 50'

Sheet: DM-05

LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
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- PROP. DITCH LINE
- PROP. PIPE
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

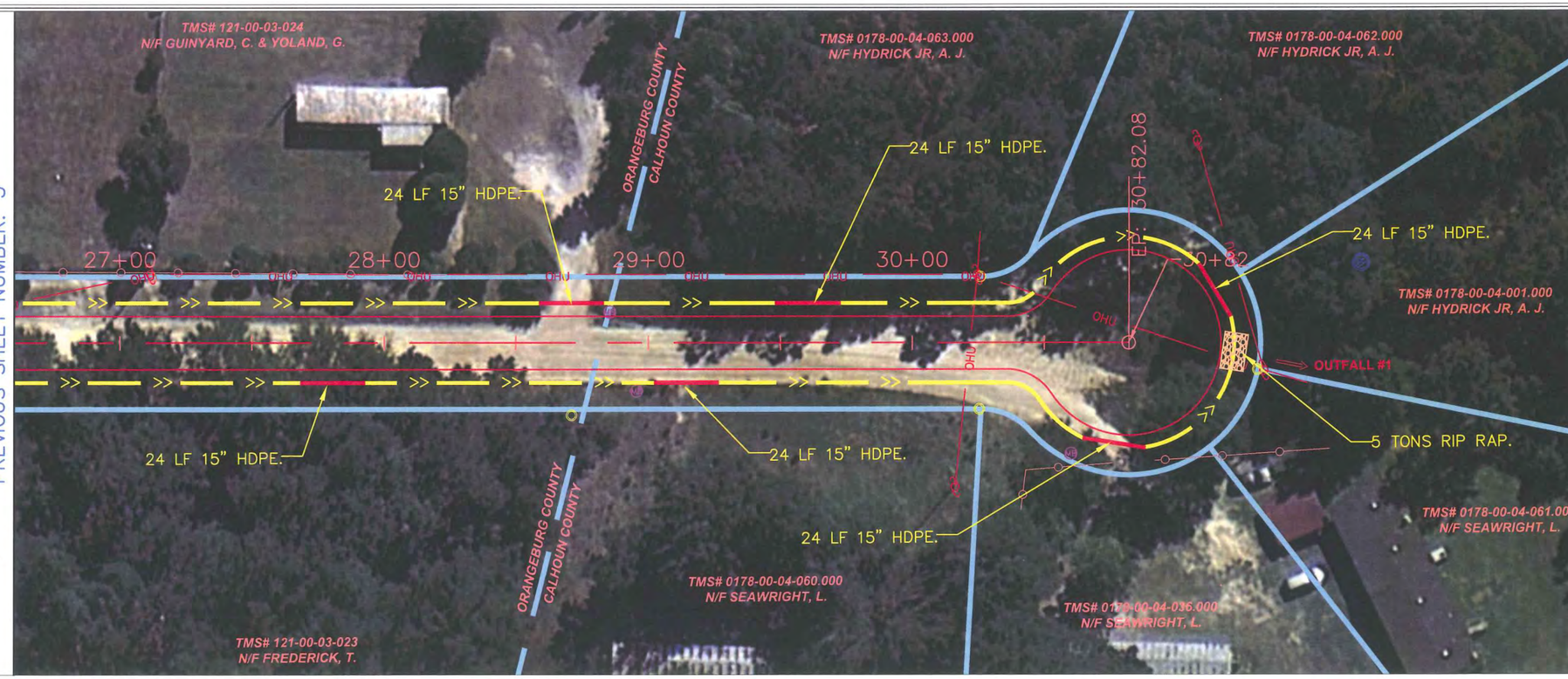
NOTES:

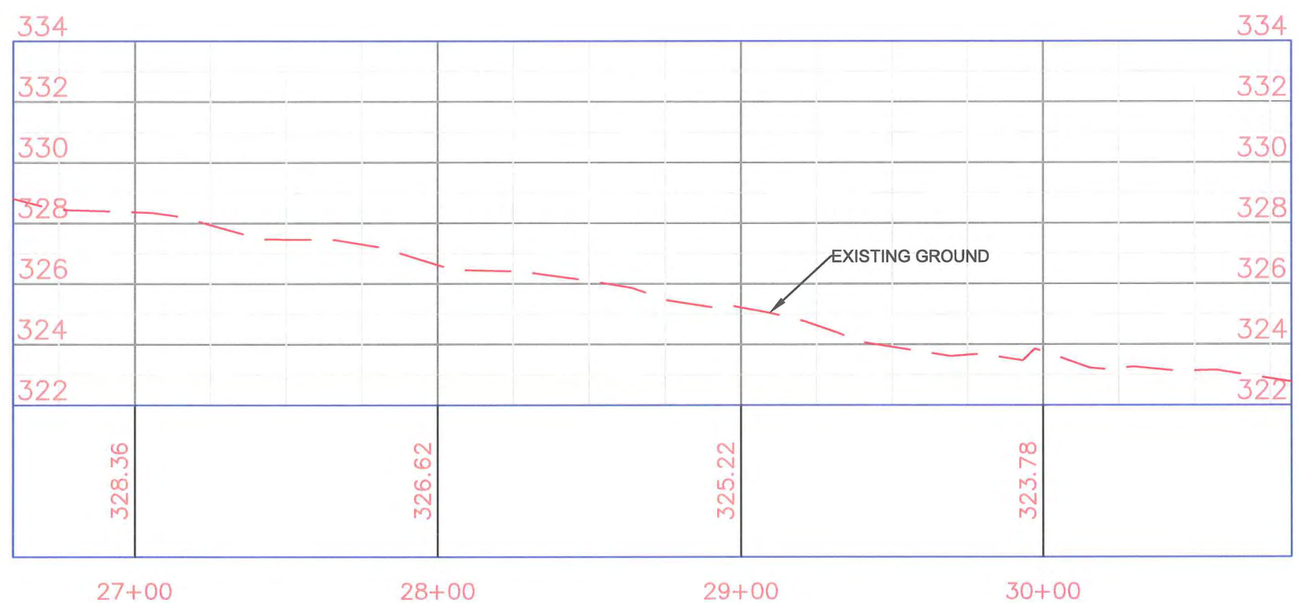
1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.

50 0 25 50 100

Scale: 1" = 50'

MATCH LINE – 3
AT STATION – 26+60.00
PREVIOUS SHEET NUMBER: 3





HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Engineer	Rev.	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER AND SURVEYOR No. 18310 DANIEL R. DENNIS

Deer Meadow Lane
Plan & Profile
(Sheet 4 of 4)

DENNIS CORPORATION

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for
Calhoun County, South Carolina

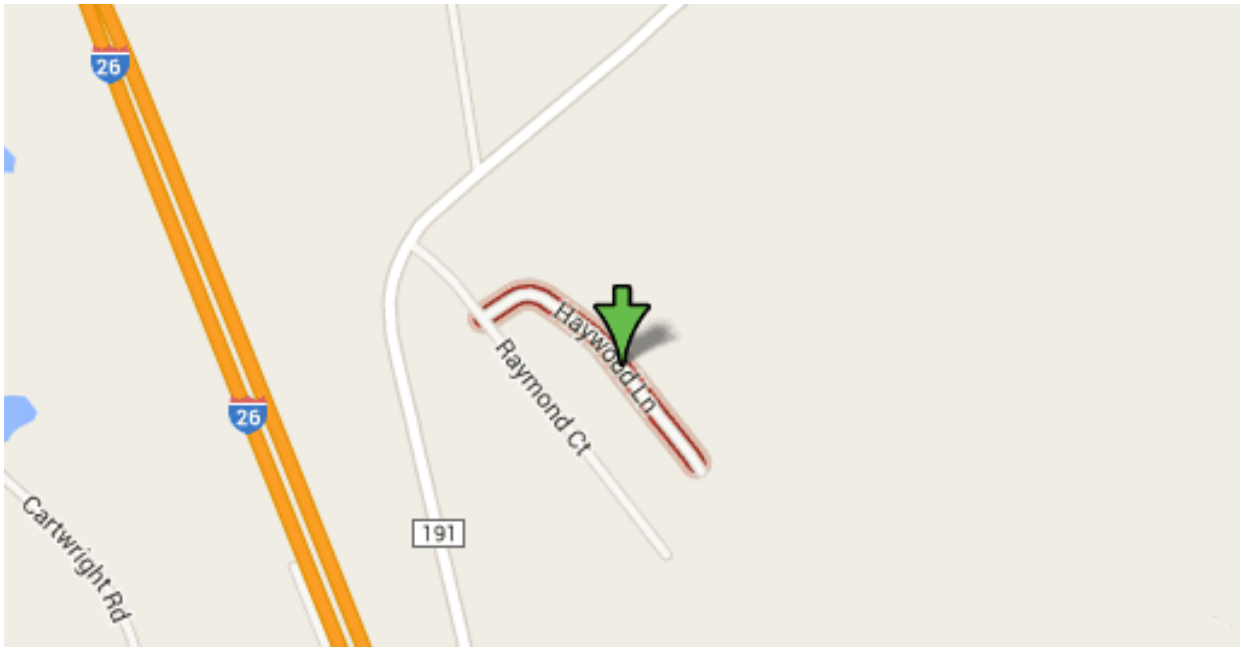
August 2015 | Calhoun County | South Carolina

Project
C0057.01

Scale
1" = 50'

Sheet
DM-06

Haywood Lane, Saint Matthews, Calhoun County, SC



HAYWOOD LANE IMPROVEMENTS

FOR

CALHOUN COUNTY, SOUTH CAROLINA

UTILITIES:

WINDSTREAM COMMUNICATIONS
855-575-7625

TIME WARNER CABLE
1-800-892-4357

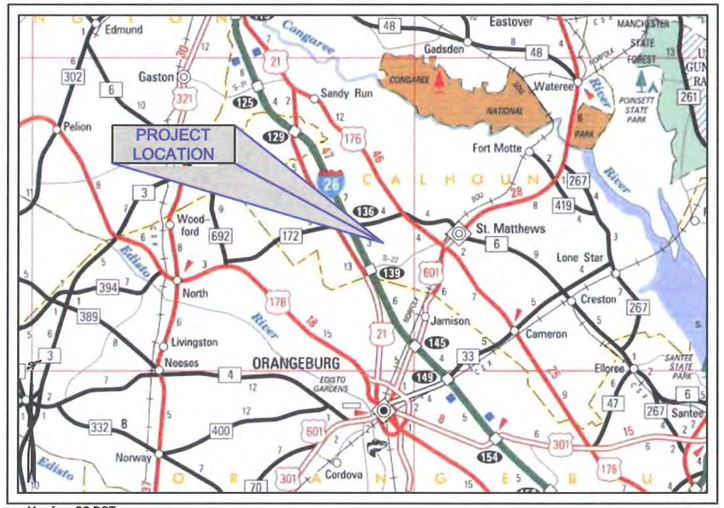
SCE&G
1-800-251-7234

TRI-COUNTY ELECTRIC CO-OP
877-874-1215

OWNER:

CALHOUN COUNTY
102 COURTHOUSE DRIVE
ST MATTHEWS, SC 29135

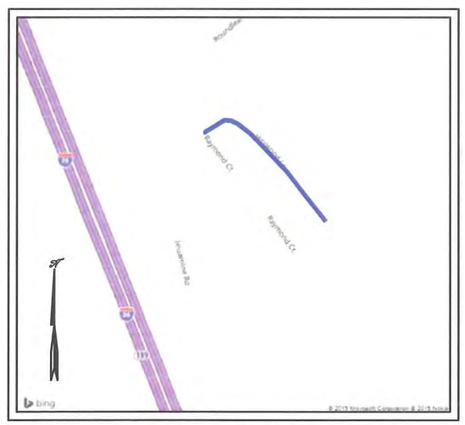
RAILROAD INVOLVEMENT?
YES / NO



Map from SC-DOT

Vicinity Map

Scale: 1" = 10 mile



Location Map

Scale: NTS

Sheet Index

H-00	Cover
H-01	Notes & Details (Sheet 1 of 2)
H-02	Notes & Details (Sheet 2 of 2)
H-03	Haywood Lane Plan and Profile (Sheet 1 of 4)
H-04	Haywood Lane Plan and Profile (Sheet 2 of 4)
H-05	Haywood Lane Plan and Profile (Sheet 3 of 4)
H-06	Haywood Lane Plan and Profile (Sheet 4 of 4)

APPROVED FOR CONSTRUCTION

DATE COUNTY REPRESENTATIVE

PUPS
PALMETTO UTILITY PROTECTION SERVICES INC

Please Call
Palmetto Utility Protection Service
1-888-721-7877
72 Hours Prior to Beginning Construction

NPDES PERMIT INFORMATION

Project Areas:
Disturbed Area: 0.9 acres
Total Area: 2.2 acres

Approximate Location:
Longitude: 80°52'23.19" W
Latitude: 33°38'34.87" N

Engineer	Revision	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA No. 18310 PROFESSIONAL ENGINEER AND SURVEYOR DANIEL R. DENNIS III

DENNIS CORPORATION
Engineering • Surveying • Construction Services
www.DennisCorporation.com
1800 Huger Street
Columbia, SC 29201
Office: (803) 252-0991
Fax: (803) 733-6787

CTC Package 2014-12
for
Calhoun County, South Carolina

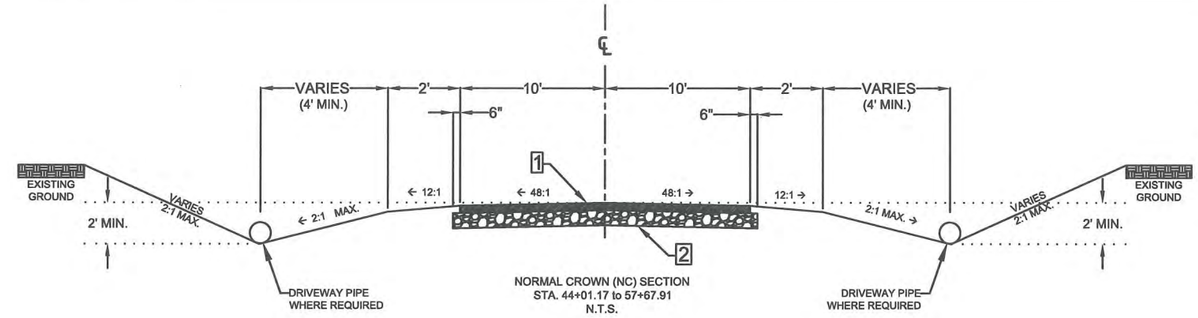
August 2015 | Calhoun County | South Carolina

Project
C0057.01

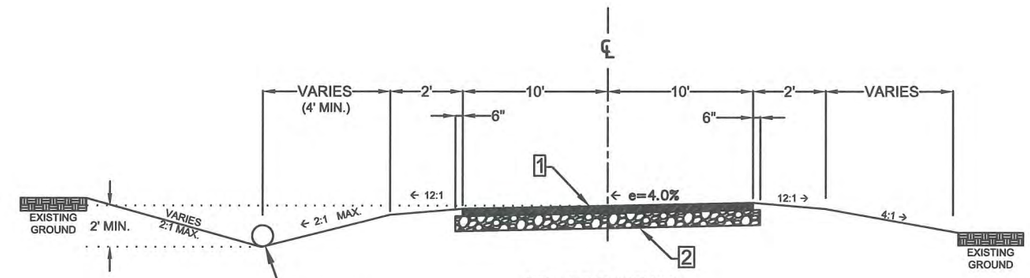
Sheet
H-00

SUMMARY OF ESTIMATED QUANTITIES

Item No.	Description	Quantity	Units
1	Mobilization	1	LS
2	Construction Stakes, Lines, and Grades	1	LS
3	Maintenance of Traffic	1	LS
4	Clearing and Grubbing Within Roadway	1	LS
5	Unclassified Excavation	1	LS
6	Graded Aggregate Base Course (4" Uniform)	4,532	SY
7	HMA Surface Course - Type C (Including Binder)	579	TON
8	15" HDPE, Smooth Core, 24' Lengths	384	LF
9	RipRap (Class B)	5	TON
10	Geotextile For Erosion Control Under Riprap (Class 2) Type C	6	SY
11	Silt Fence	400	LF
12	Permanent Vegetation	1.0	ACRE
13	Maintenance Stone	40	TON
14	Raised Pavement Markings	44	EA

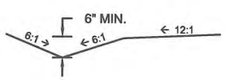


NORMAL CROWN (NC) SECTION
STA. 44+01.17 to 57+67.91
N.T.S.

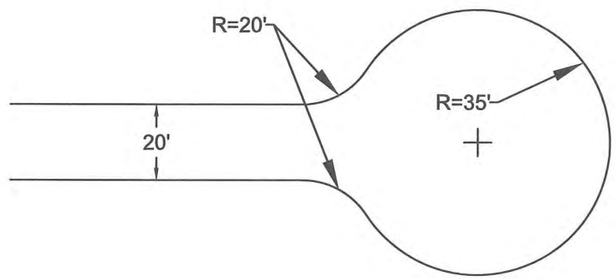


SUPER ELEVATION SECTION
e = 4.0%
BEGIN TRANSITION 60 LF BEFORE PC
BEGIN FULL SUPERELEVATION 30 LF AFTER PC
STA. 40+10 to 44+01.17
N.T.S.

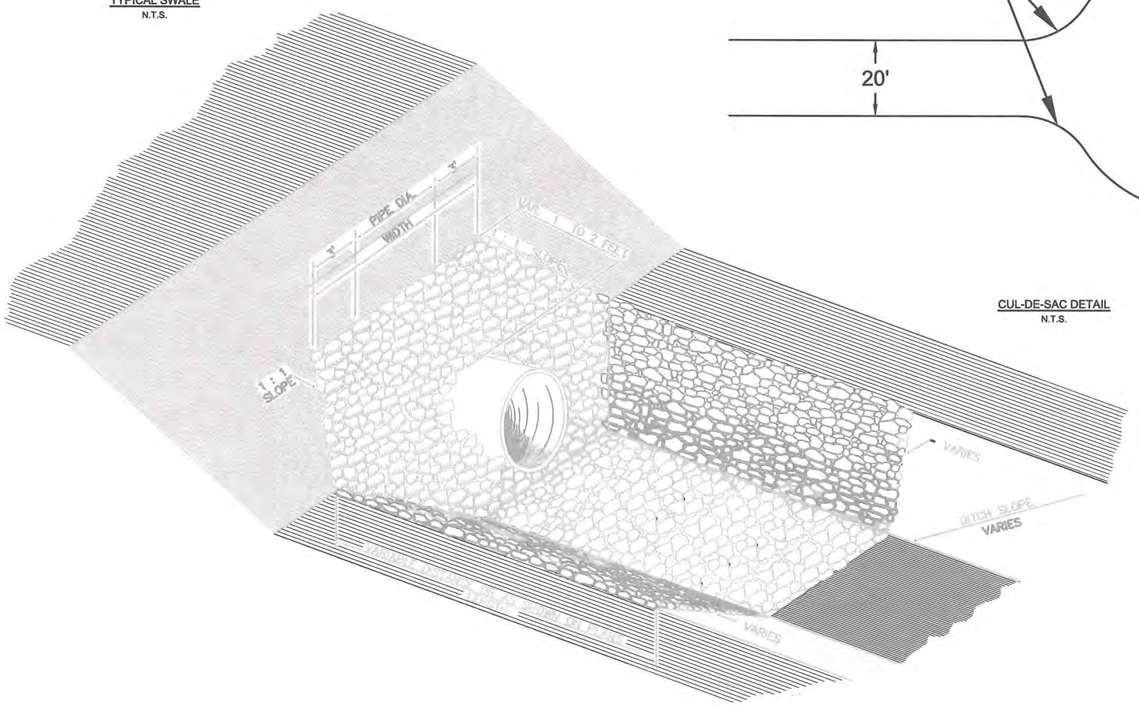
1 – HMA SURFACE COURSE: 2" UNIFORM
2 – GRADED AGGREGATE BASE COURSE: 4" UNIFORM



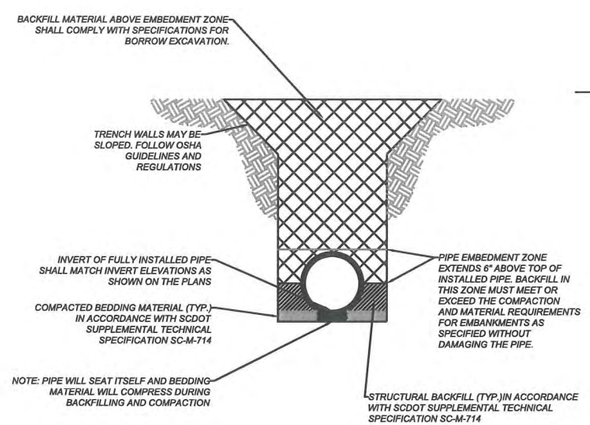
TYPICAL SWALE
N.T.S.



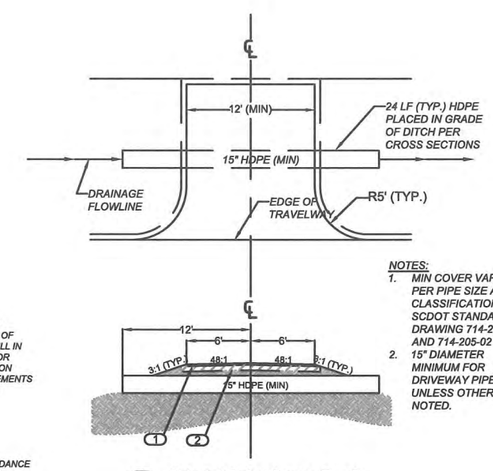
CUL-DE-SAC DETAIL
N.T.S.



RIPRAP OUTLET DETAIL
N.T.S.



PIPE BEDDING DETAIL
N.T.S.



1 2" Asphalt Surface Course - Type C
2 12" Compacted Earth

Typical Driveway Detail
N.T.S.

NOTES:
1. MIN COVER VARIES PER PIPE SIZE AND CLASSIFICATION. SEE SCDOT STANDARD DRAWING 714-205-01 AND 714-205-02
2. 15" DIAMETER MINIMUM FOR DRIVEWAY PIPES UNLESS OTHERWISE NOTED.

Revision	Date	Description

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 18310 DANIEL R. DENNIS

DENNIS CORPORATION

Haywood Lane
Notes & Details
(Sheet 1 of 2)

CTC Package 2014-12
for
Calhoun County, South Carolina

South Carolina | Calhoun County | August 2015

Project C0057.01

Scale As Shown

Sheet H-01

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF PIPE FLOW LINES AND SIDEROAD TIE-INS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY APPARENT DISCREPANCIES OR CONFLICTS IN THE CONSTRUCTION PLANS PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE UTILITY LOCATION WITH UTILITY PROVIDER DURING CONSTRUCTION.
3. RELOCATION AND / OR ADJUSTMENT OF ANY UTILITY IS TO BE COMPLETED BY THE OWNER OF THE UTILITY.
4. CHANGES INVOLVING INCREASED COST OF PROJECT OR CHANGES IN ALIGNMENT MUST BE SPECIFICALLY AUTHORIZED BY THE OWNER AND ENGINEER.
5. PIPE LENGTHS THAT ARE SHOWN ON THE PLANS ARE HORIZONTAL DISTANCES. FIELD ADJUSTMENT OF THE ACTUAL PIPE LENGTHS MAY BE NECESSARY.
6. THE CONTRACTOR SHALL STAGE HIS CLEARING AND GRUBBING WORK ALONG WITH HIS CONSTRUCTION WORK TO MINIMIZE THE AMOUNT OF EROSION AND SEDIMENTATION.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND MAINTENANCE OF EXISTING PERMANENT SIGNS DURING CONSTRUCTION.
8. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR IN AN EXPEDIENT MANNER ANY DAMAGE THAT OCCURS TO THE CROSS ROADS DUE TO THESE ROADS BEING USED IN THE HAULING PROCESS.
9. THE LOCATION OF THE UTILITIES IN THE PLANS IS BASED ON LIMITED INVESTIGATION TECHNIQUES AND INFORMATION PROVIDED BY OTHERS. THE LOCATIONS OF THE SHOWN UTILITIES SHOULD BE CONSIDERED APPROXIMATE. THE ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. THERE MAY OR MAY NOT BE OTHER UTILITIES WITHIN THE LIMITS OF THE PROJECT. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE STEPS TO SATISFY THEMSELVES AS TO THE NUMBER, TYPE, OWNER, AND LOCATION (BOTH HORIZONTAL AND VERTICAL) OF ALL ABOVE AND BELOW GRADE UTILITIES WITHIN THE LIMITS OF THE PROJECT.
10. ALL DRAINAGE STRUCTURES AND PIPE ARE TO BE IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR HIGHWAY CONSTRUCTION AND STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION UNLESS OTHERWISE NOTED.
11. COORDINATE REMOVAL AND REPLACEMENT OF ANY FENCE WITH THE OWNER OR DESIGNATED REPRESENTATIVE.
12. CONTRACTOR TO PREPARE A TRAFFIC CONTROL PLAN AND A WORKZONE SAFETY PLAN WHICH ARE TO BE SUBMITTED TO THE COUNTY ENGINEER OR DESIGNATED REPRESENTATIVE FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. THE WORKZONE SAFETY PLAN IS TO BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS AS MAY BE DIRECTED BY THE OWNER OR DESIGNATED REPRESENTATIVE. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
13. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE CONCURRENCE OF THE ENGINEER IN REGARDS TO LOCATING THE LIMITS OF CLEARING AND GRUBBING.
14. THE EXISTING AND PROPOSED CENTERLINE MAY NOT COINCIDE. THE SHOWN LOCATION OF ROAD RIGHT-OF-WAY IS BASED UPON INFORMATION PROVIDED BY THE COUNTY TO THE ENGINEER. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS ADVISED TO REQUEST, FROM THE COUNTY, CONFIRMATION OF THE SHOWN RIGHT-OF-WAY AND ANY CHANGES THERETO AS WELL AS RECEIVE DELIVERY OF PERTINENT EASEMENTS AND PERMISSION TO ENTER PRIVATE PROPERTY.
15. ERECT BMP'S IN ACCORDANCE WITH THE CONSTRUCTION PLANS, SPECIFICATIONS, AND DETAILS OR AS DIRECTED BY THE ENGINEER. TO THE MAXIMUM EXTENT POSSIBLE, ERECT BMP'S WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND / OR EASEMENTS.
16. ROADWAY TO BE CENTERED WITHIN THE RIGHT-OF-WAY USING THE TYPICAL SECTIONS AS A TEMPLATE. HORIZONTAL AND VERTICAL CURVES ARE TO BE NORMALIZED AS DIRECTED BY THE ENGINEER.
17. DRAINAGE STRUCTURES MAY BE FIELD-ADJUSTED AS DIRECTED BY THE ENGINEER TO ACHIEVE FINISHED GRADE WHILE MAINTAINING MINIMUM COVER REQUIREMENTS AND A MINIMUM PIPE SLOPE OF 0.5%.
18. PROPERTY LINES SHOWN HEREIN WERE DRAWN USING PLATS PROVIDED BY THE COUNTY, AS AVAILABLE. FOR PROPERTIES WHERE PLATS WERE UNAVAILABLE, PROPERTY LINES WERE DRAWN USING CALHOUN COUNTY ONLINE TAX MAPS. PROPERTY OWNER INFORMATION OBTAINED FROM CALHOUN COUNTY ONLINE TAX MAPS.
19. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION BY PROVIDING A REASONABLY SMOOTH AND EVEN SURFACE SATISFACTORY FOR THE USE OF PUBLIC TRAFFIC AND TO PROVIDE ACCESS TO ALL PUBLIC ROADS AND RESIDENTIAL ENTRANCES AT ALL TIMES.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS FOR MAIL SERVICE DURING CONSTRUCTION. IF NECESSARY, CONTRACTOR SHALL COORDINATE ANY TEMPORARY MAILBOX RELOCATIONS WITH UNITED STATES POSTAL SERVICE.
21. ALL TIE-INS WITH EXISTING ASPHALT SHALL BE SAW CUT.

DHEC STANDARD NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

Engineer	Revision	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER AND LAND SURVEYOR No. 18310 DANIEL R. HINES

Haywood Lane
Notes & Details
(Sheet 2 of 2)

DENNIS CORPORATION

CTC Package 2014-12
for
Calhoun County, South Carolina

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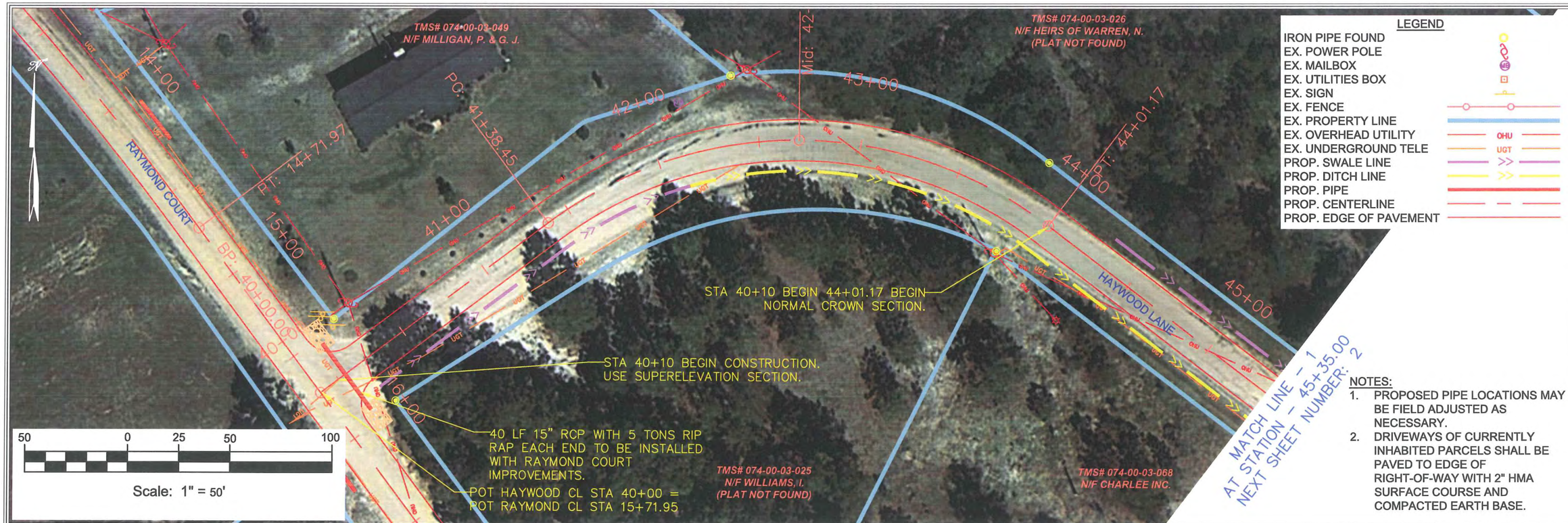
Project
C0057.01

Scale
As Shown

Sheet
H-02

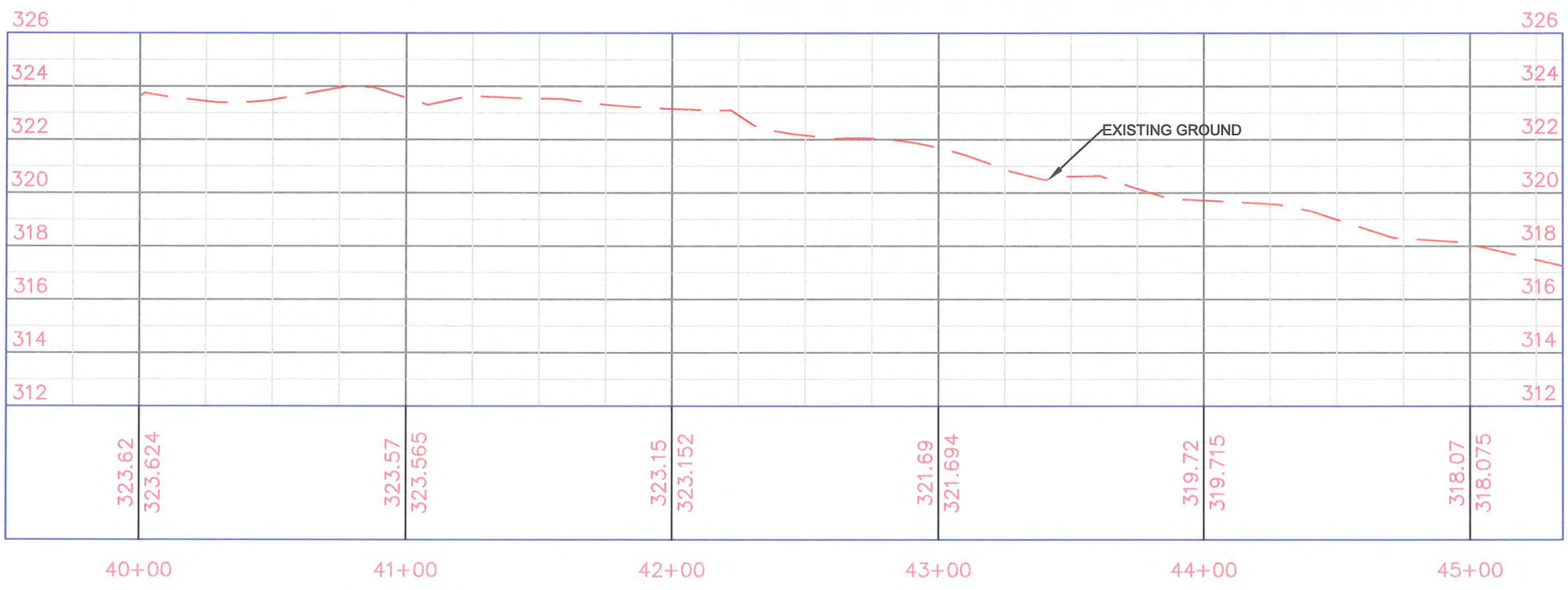


LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
- EX. MAILBOX
- EX. UTILITIES BOX
- EX. SIGN
- EX. FENCE
- EX. PROPERTY LINE
- EX. OVERHEAD UTILITY (OHU)
- EX. UNDERGROUND TELE (UGT)
- PROP. SWALE LINE
- PROP. DITCH LINE
- PROP. PIPE
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

NOTES:

1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.



HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Engineer	Rev.	Date	Description
D. Dennis			
Drawn By			
M. Armfield			
Checked By			
M. Hines			

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND SURVEYOR No. 18310 DANIEL R. DENNIS

Haywood Lane
Plan & Profile
(Sheet 1 of 4)

DENNIS CORPORATION

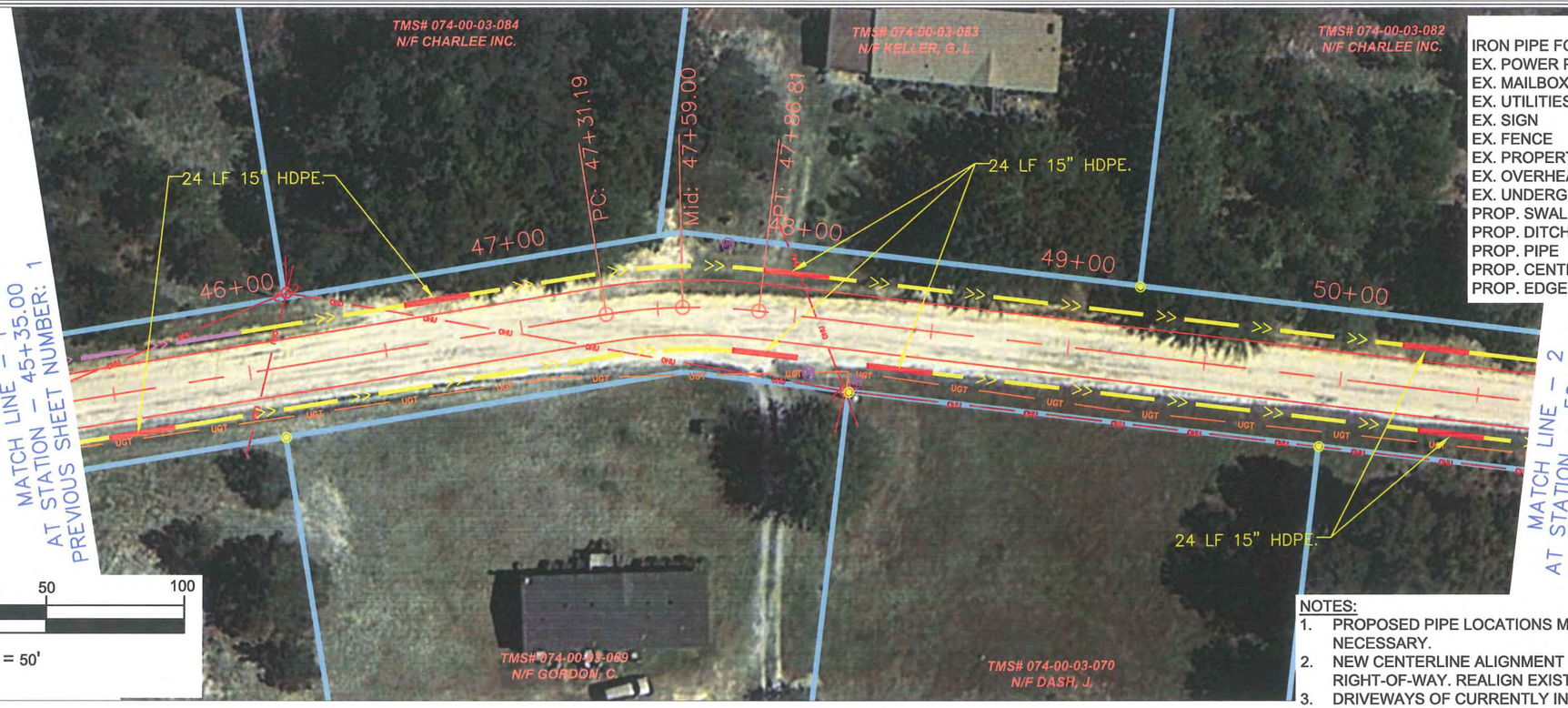
CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

Project
C0057.01

Scale
1" = 50'

Sheet
H-03



LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
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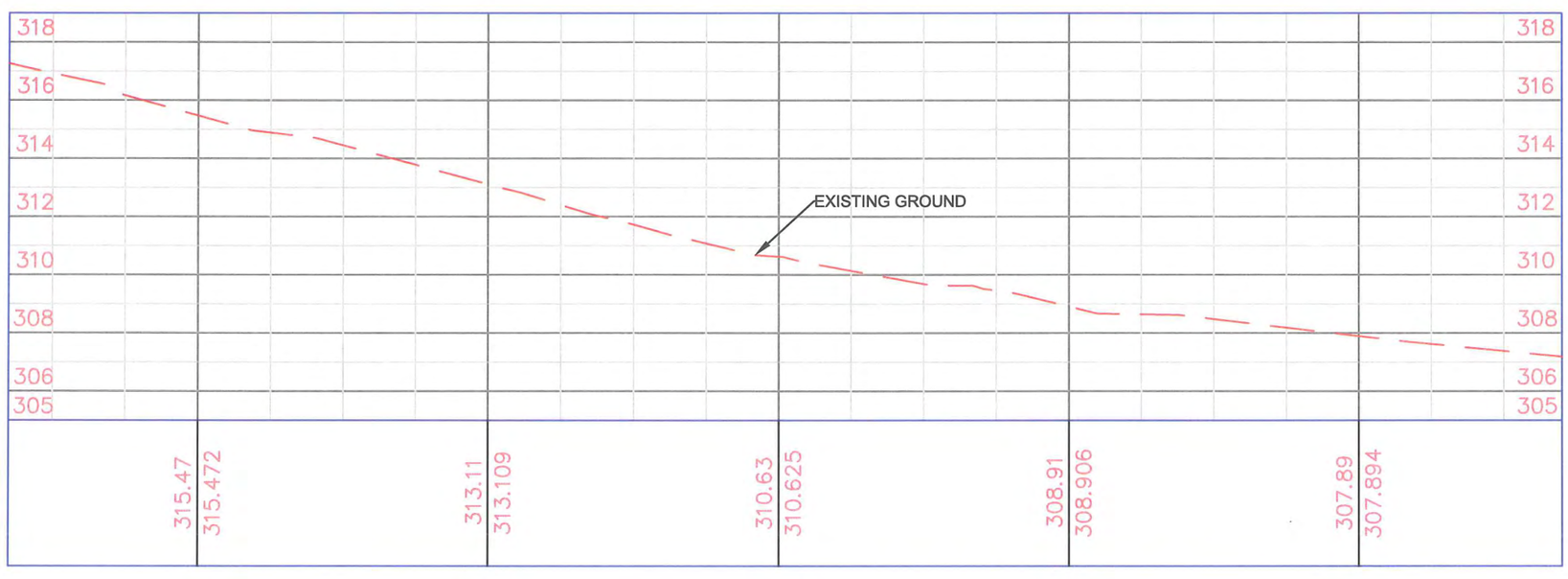
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

50 0 25 50 100

Scale: 1" = 50'

NOTES:

1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. NEW CENTERLINE ALIGNMENT SHALL COINCIDE WITH CENTER OF RIGHT-OF-WAY. REALIGN EXISTING CENTERLINE AS NECESSARY.
3. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.



HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

Rev.	Date	Description

SOUTH CAROLINA DENNIS CORPORATION CERTIFICATE OF AUTHORIZATION NO. 3103

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR No. 18310 DANIEL R. DENNIS

Haywood Lane
Plan & Profile
(Sheet 2 of 4)

DENNIS CORPORATION

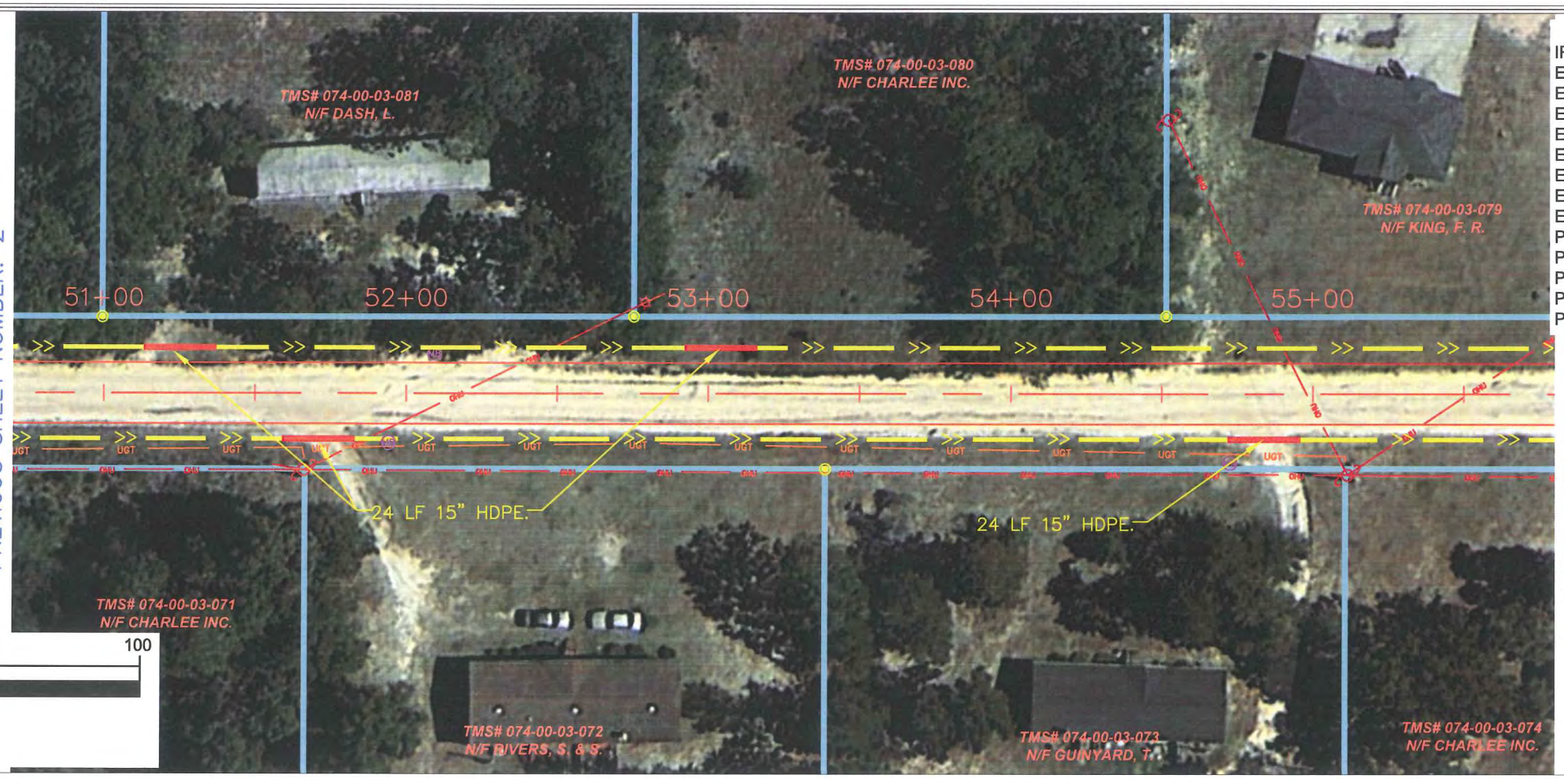
CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

Project
C0057.01

Scale
1" = 50'

Sheet
H-04



MATCH LINE – 2
AT STATION – 50+70.00
PREVIOUS SHEET NUMBER: 2

MATCH LINE – 3
AT STATION – 55+80.00
NEXT SHEET NUMBER: 4

50 0 25 50 100

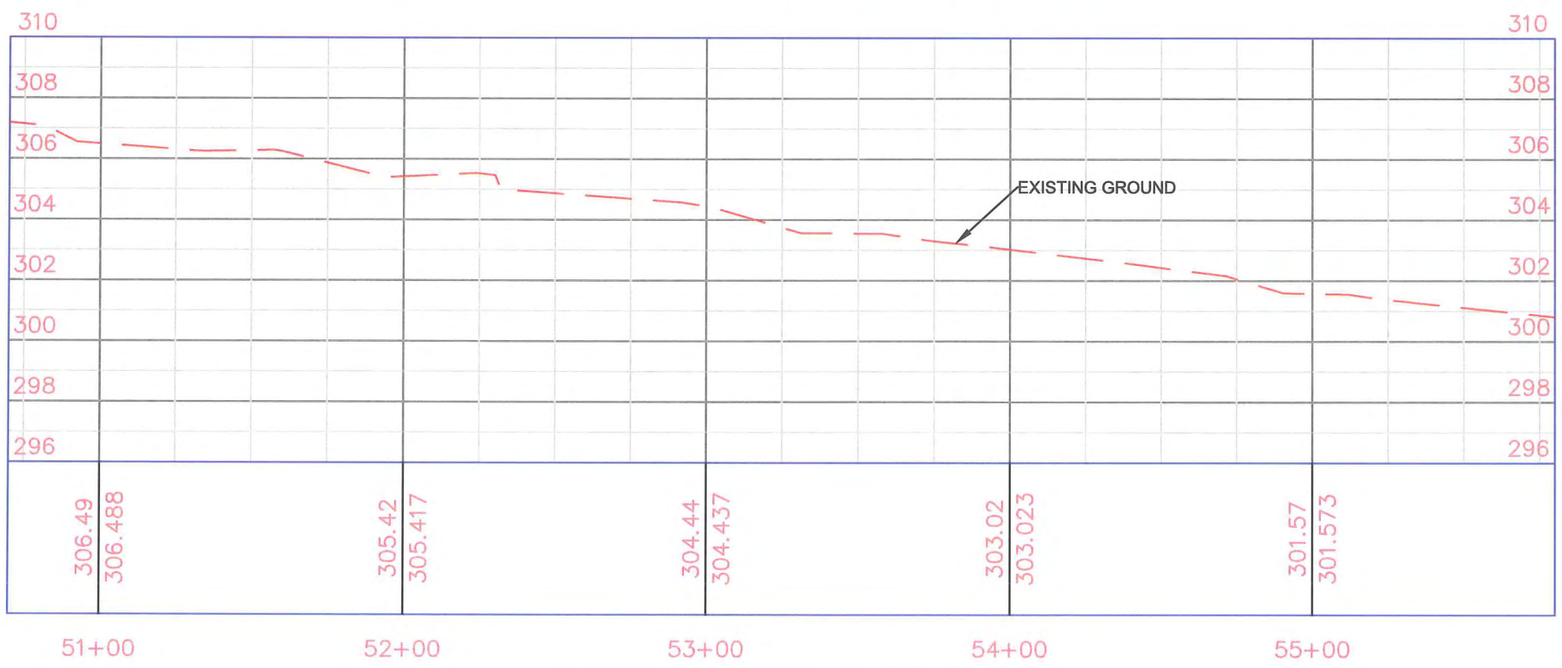
Scale: 1" = 50'

LEGEND

- IRON PIPE FOUND
- EX. POWER POLE
- EX. MAILBOX
- EX. UTILITIES BOX
- EX. SIGN
- EX. FENCE
- EX. PROPERTY LINE
- EX. OVERHEAD UTILITY (OHU)
- EX. UNDERGROUND TELE (UGT)
- PROP. SWALE LINE
- PROP. DITCH LINE
- PROP. PIPE
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

NOTES:

1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.



HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Rev.	Date	Description

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND SURVEYOR No. 18310 DANIEL R. DENNIS

Haywood Lane
Plan & Profile
(Sheet 3 of 4)

DENNIS CORPORATION

CTC Package 2014-12
for
Calhoun County, South Carolina

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Project C0057.01

Scale 1" = 50'

Sheet H-05

LEGEND

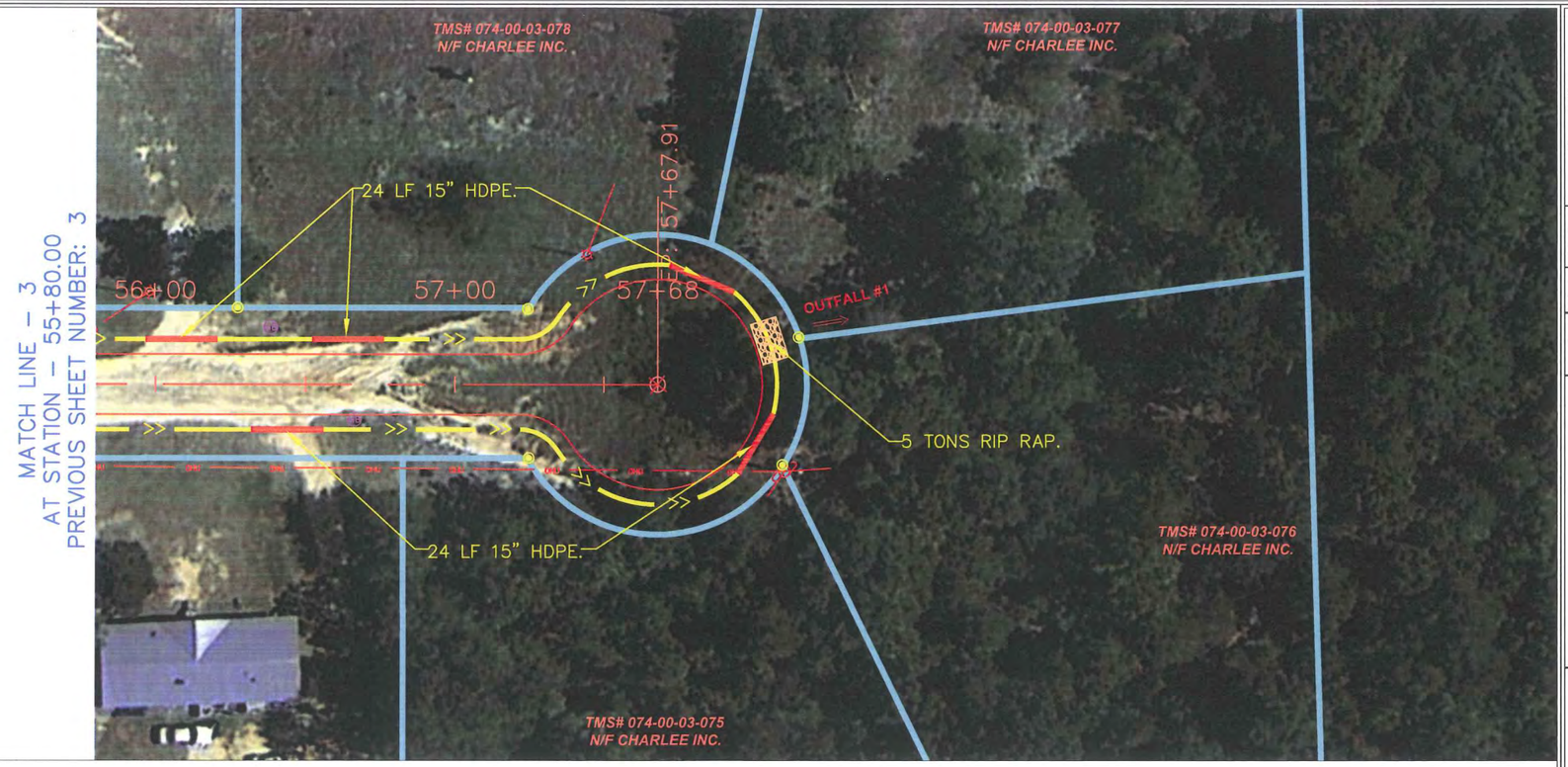
- IRON PIPE FOUND
- EX. POWER POLE
- EX. MAILBOX
- EX. UTILITIES BOX
- EX. SIGN
- EX. FENCE
- EX. PROPERTY LINE
- EX. OVERHEAD UTILITY — OHU
- EX. UNDERGROUND TELE — UGT
- PROP. SWALE LINE
- PROP. DITCH LINE
- PROP. PIPE
- PROP. CENTERLINE
- PROP. EDGE OF PAVEMENT

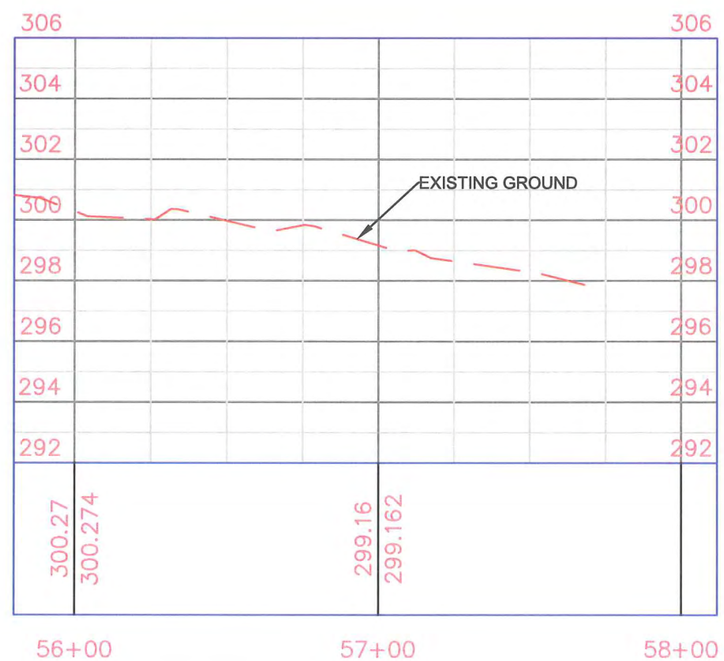
NOTES:

1. PROPOSED PIPE LOCATIONS MAY BE FIELD ADJUSTED AS NECESSARY.
2. DRIVEWAYS OF CURRENTLY INHABITED PARCELS SHALL BE PAVED TO EDGE OF RIGHT-OF-WAY WITH 2" HMA SURFACE COURSE AND COMPACTED EARTH BASE.

50 0 25 50 100

Scale: 1" = 50'





HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=5'

Engineer	D. Dennis
Drawn By	M. Armfield
Checked By	M. Hines

Rev.	Date	Description

SOUTH CAROLINA DENNIS CORPORATION NO. 3103 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 18310 DANIEL R. DENNIS

Haywood Lane
Plan & Profile
(Sheet 4 of 4)

DENNIS CORPORATION

CTC Package 2014-12
for
Calhoun County, South Carolina

August 2015 | Calhoun County | South Carolina

Project C0057.01

Scale 1" = 50'

Sheet H-06