DEPARTMENT OF THE ARMY PERMIT

Permittee: SC DEPARTMENT OF TRANSPORTATION (SCDOT)
C/O SECRETARY CHRISTY HALL

P. O. BOX 191
COLUMBIA, SC 29202

Permit No: SAC 2008-1333

Issuing Office: CHARLESTON DISTRICT

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:
The work consists of constructing a new, limited access, approximately 75-mile long, four lane, interstate facility beginning at SC 22, northwest of Conway, South Carolina, extending through Horry, Marion, Dillon and Marlboro Counties and ending at the North Carolina/South Carolina State line, northeast of Bennettsville, South Carolina to serve residents, businesses, and travelers while fulfilling congressional intent in an environmentally sensitive manner in accordance with the attached drawings entitled: PIN_36358 RD01, PROPOSED INTERSTATE 73, MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C. APPLICATION BY SCDOT. Sheets 1 thru 178 of 178 dated June 6, 2016.

Project Location:
The proposed project begins at SC-22 near Conway, South Carolina and ends at the North Carolina/South Carolina State line, northeast of Bennettsville, South Carolina and crosses various waterbodies to include Newton Bay, Beverly Creek, Cottingham Creek, Hagins Prong, Little Reedy Creek, The Gulley, Maidendown Swamp, Little Sister Bay, Back Swamp, Little Pee Dee River, Black Creek, Hannah Bay, Lake Swamp, Rattlesnake Branch, Long Branch, Joiner Swamp, Loosing Swamp, Watery Bay, Mose Swamp, Chinners Swamp, and Cross Branch.

From:	Latitude North:	34.79250 N	Longitude West: -79.66042 W
To:	Latitude North:	33.93806 N	Longitude West: -79.06833 W

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **30 June 2047.** If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

SEE PAGES 4, 5 & 6.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

☒ Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

☒ Section 404 of the Clean Water Act (33 U.S.C. 1344).

☐ Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

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e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE) 6-19-17 (DATE)

SC DEPARTMENT OF TRANSPORTATION (SCDOT)
C/O SECRETARY CHRISTY HALL

Christy A. Hall
PRINT NAME

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

(DISTRICT ENGINEER) 19 Jun 2017 (DATE)
MATTHEW W. LUZZATTO, P.E., PMP, LTC

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) (DATE)

SPECIAL CONDITIONS FOR PERMIT #: SAC 2008-1333

a. That the permittee agrees to provide all contractors associated with construction of the authorized activity a copy of the permit and drawings. A copy of the permit will be available at the construction site at all times.

b. That the permittee shall submit a signed compliance certification to the Corps within 60 days following completion of the authorized work and any required mitigation. The certification will include:
   1. A copy of this permit;
   2. A statement that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions;
   3. A statement that any required mitigation was completed in accordance with the permit conditions;
   4. The signature of the permittee certifying the completion of the work and mitigation.

c. The permittee understands and agrees that the Department of the Army permit has been issued based upon the permittee's intended purpose to construct and operate an interstate facility in accordance with the permitted plans. The permittee recognizes that its commitment to construct and operate the interstate facility and comply with the proposed mitigation for the impacts resulting from the project as described in the Department of the Army permit application, as well as the environmental commitments that were made as part of the development of the EISs for the I-73 project which were revised and/or re-affirmed, was a deciding factor in the favorable decision on this permit. In addition, the permittee recognizes further that a deviation from such details may be grounds for modification, suspension or revocation of this Department of the Army authorization.

d. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

e. That the permittee shall not interfere with the public's right to free navigation on all navigable waters of the United States, and therefore, at no time shall work impede more than 50% any navigable channel.

f. The permittee must install and maintain, at their expense, any safety lights and signals prescribed by the U.S. Coast Guard (USCG), through regulations or otherwise, on authorized facilities. The USCG may be reached at the following address and telephone number: U. S. Coast Guard District Seven, Waterways Management Branch, 909 SE 1st Ave, Suite 406, Miami, FL. 33131, and 305-415-6755 or 305-415-6750.

g. The permittee understands and agrees that the Department of the Army permit has been issued based upon the permittee's intended purpose to construct and operate an interstate facility in accordance with the permitted plans. The permittee recognizes that its commitment to construct and operate the interstate facility and comply with the proposed mitigation for the impacts resulting from the project as described in the Department of the Army permit application, as well as the environmental commitments that were made as part of the development of the EISs for the I-73 project which were revised and/or re-affirmed, was a deciding factor in the favorable decision on this permit. In addition, the permittee recognizes further that a deviation from such details may be grounds for modification, suspension or revocation of this Department of the Army authorization.

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h. The permittee recognizes that its commitment to perform and implement the following was a deciding factor in the favorable decision on this permit, and recognizes further that a failure on its part to both actively pursue and implement these conditions may be grounds for modification, suspension or revocation of this Department of the Army authorization:

   1. As compensatory mitigation to offset impacts to aquatic resources, the permittee will implement and fully comply with the mitigation plan dated May 3, 2017, and entitled "I-73 Compensatory Mitigation Plan Dillon, Horry, Marion, and Marlboro Counties, SC SAC 2008-1333-DIS".
   2. That the permittee must submit evidence of protection of the site to both the Corps of Engineers and DHEC, prior to the commencement of authorized work.

i. During bridge construction, access to the project site must be attained from highland, from the portions of the bridge already completed ("end on end construction") or from floating barges or mats (instead of barge canals or causeways).

j. The permittee must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized upon project completion.

k. Only clean earthen material free of all potential sources of pollution must be used as fill.

l. Construction activities shall be confined within the permitted limits to prevent the unnecessary disturbance of adjacent wetland areas.

m. Measures must be taken to prevent the spread and establishment of invasive species to the extent practicable.

n. Appropriate containment measures must be taken to prevent pollutants such as gasoline, oil, tar, and debris and other pollutants from entering the adjacent waters or wetlands.

o. A sufficient number of adequately sized culverts must be placed at the same elevation as the streams and wetlands to maintain flows, wetland hydrology, and unrestricted aquatic life passage.

p. That the permittee shall comply with the following conditions during construction in the Little Pee Dee River in order to minimize potential adverse impacts to sturgeon and other anadromous fish:

   1. The permittee shall implement an in-water work moratorium from February 1 to April 30.
   2. Construction of cofferdams may take place before or after the moratorium, but not during the moratorium. However, once a coffer dam is built, work inside it may continue year-round.
   3. Bridge construction will never obstruct more than half of the river at any one time.

q. The permittee shall comply with the stipulations described in the two Memorandum of Agreements among the Federal Highway Administration, the South Carolina Department of Transportation and the South Carolina State Historic Preservation Officer regarding the Interstate 73 Project in Marlboro and Dillon Counties, South Carolina last signed on January 13, 2017 and July 17, 2008 to ensure responsibilities under Section 106 of the NHPA are fulfilled.

r. That the permittee agrees to comply with all FEMA regulations and requirements. The permittee is advised that development activities in a Special Flood Hazard Area (i.e 100-year floodplain), as designated in the

Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM), are subject to the floodplain management regulations of the National Flood Insurance Program [(NFIP)(44CFR)]. The NFIP prohibits any development within a designated floodway, including placement of fill, without a No Impact Certification from FEMA or the local NFIP representative. The permittee shall provide this office with a copy of the No Impact Certification prior to the commencement of authorized work.

s. For I-73 North, the permittee agrees that the drainage/conveyance system shall be designed by a licensed Professional Engineer (PE) and constructed by the permittee (or his designated assignee) to provide for the proper drainage of surface water of the drainage area of which it is a part, to permit the flow of natural or manmade watercourses, and to maintain positive drainage for adjacent properties. In addition, the drainage/conveyance system shall be sufficient to prevent any appreciable increase in water surface elevations or expansion/increases of the flood hazard area.

    1. Sufficient documentation, signed by a PE, shall be provided to the Corps for review/approval 120 days prior to the anticipated commencement of authorized work. Documentation, in the form of summaries of modeling/calculations, shall verify that there is no adverse change in water surface elevations or expansion/increases of the flood hazard area on adjacent properties.

    2. In cases where increases in water surface elevations or expansion/increases of the flood hazard area are unavoidable, the permittee shall submit to the Corps, 120 days prior to the anticipated commencement of authorized work, all information (including summaries of all data, modeling and/or studies, and inundation maps of the impacted area) supporting the determination that the increases in the flood risk are not appreciable. Written authorization/ concurrence must be received from the Corps indicating that any increases are not considered appreciable before work can commence.

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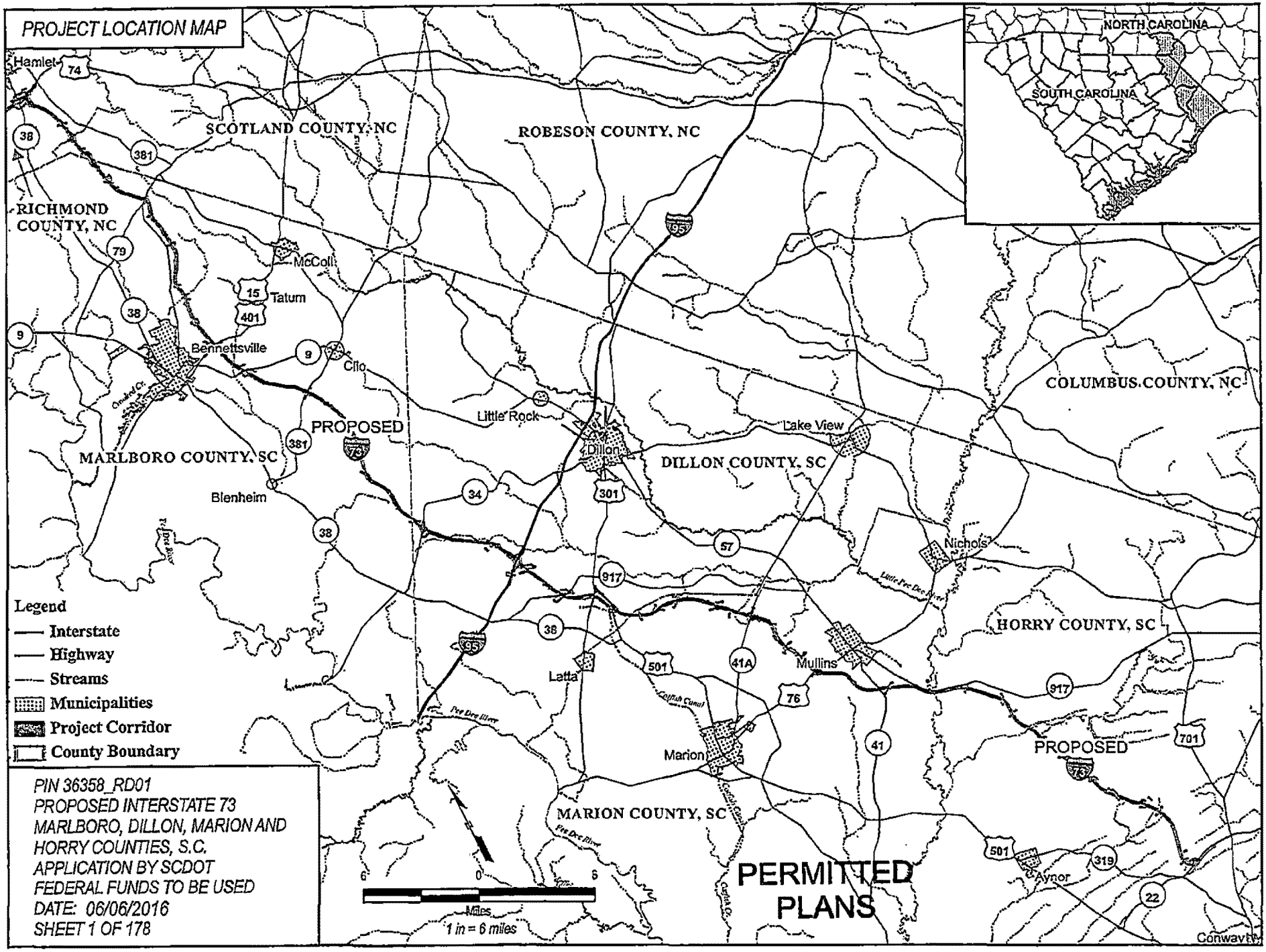
PROJECT LOCATION MAP
NORTH CAROLINA
SOUTH CAROLINA
SCOTLAND COUNTY, NC
ROBESON COUNTY, NC
RICHMOND COUNTY, NC
COLUMBUS COUNTY, NC
MARLBORO COUNTY, SC
DILLON COUNTY, SC
HORRY COUNTY, SC
MARION COUNTY, SC
Hamlet
McColl
Tatum
Bennettsville
Clio
Little Rock
Dillon
Lake View
Blenheim
Nichols
Latta
Mullins
Marion
Aynor
Conway
PROPOSED
PROPOSED
Legend
Interstate
Highway
Streams
Municipalities
Project Corridor
County Boundary
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 1 OF 178
Miles
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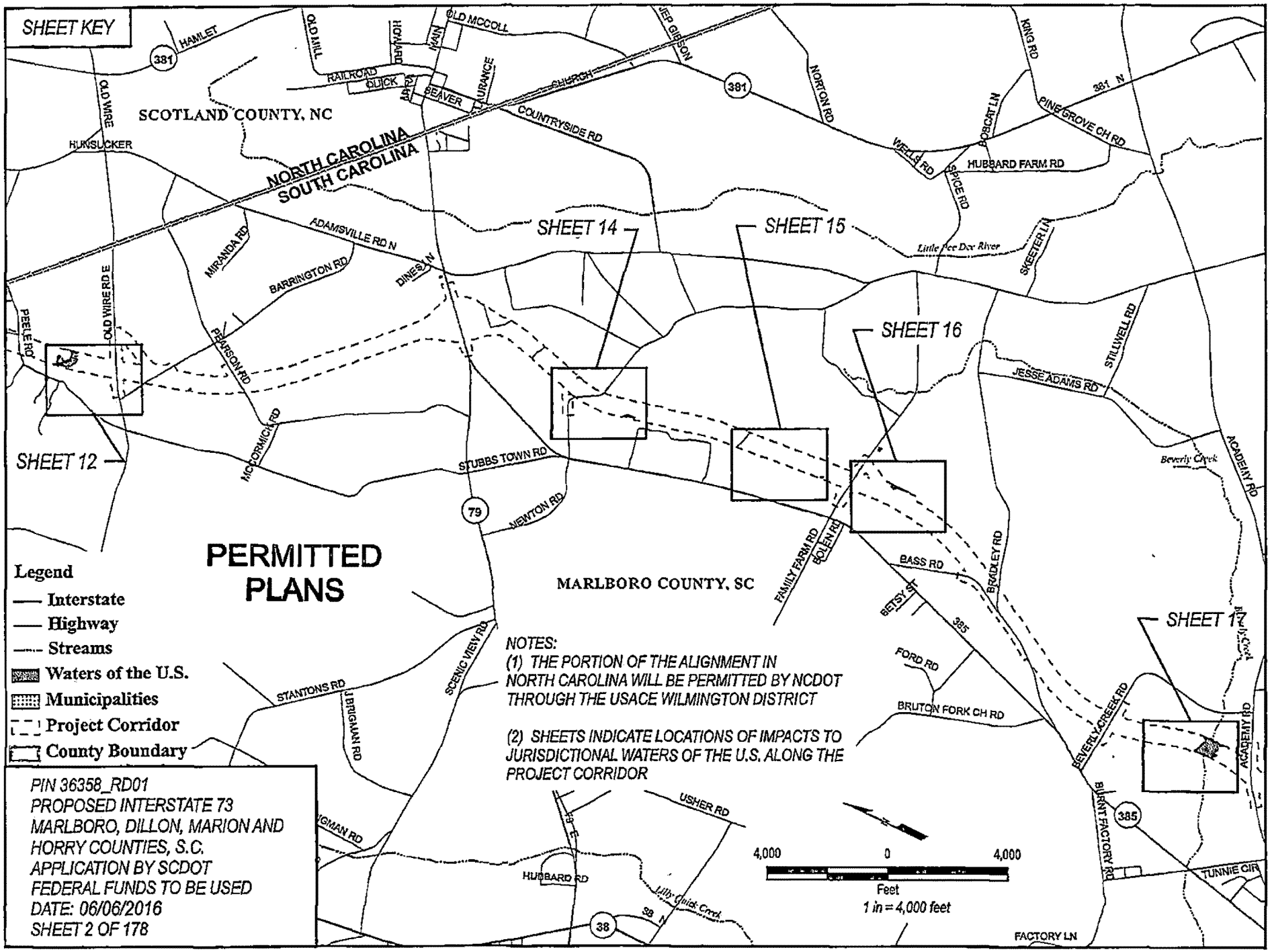
PERMITTED PLANS


SHEET KEY
SCOTLAND COUNTY, NC
NORTH CAROLINA
SOUTH CAROLINA
MARLBORO COUNTY, SC
SHEET 12
SHEET 14
SHEET 15
SHEET 16
SHEET 17
PERMITTED PLANS
Legend
Interstate
Highway
Streams
Waters of the U.S.
Municipalities
Project Corridor
County Boundary
NOTES:
(1) THE PORTION OF THE ALIGNMENT IN NORTH CAROLINA WILL BE PERMITTED BY NCDOT THROUGH THE USACE WILMINGTON DISTRICT
(2) SHEETS INDICATE LOCATIONS OF IMPACTS TO JURISDICTIONAL WATERS OF THE U.S. ALONG THE PROJECT CORRIDOR
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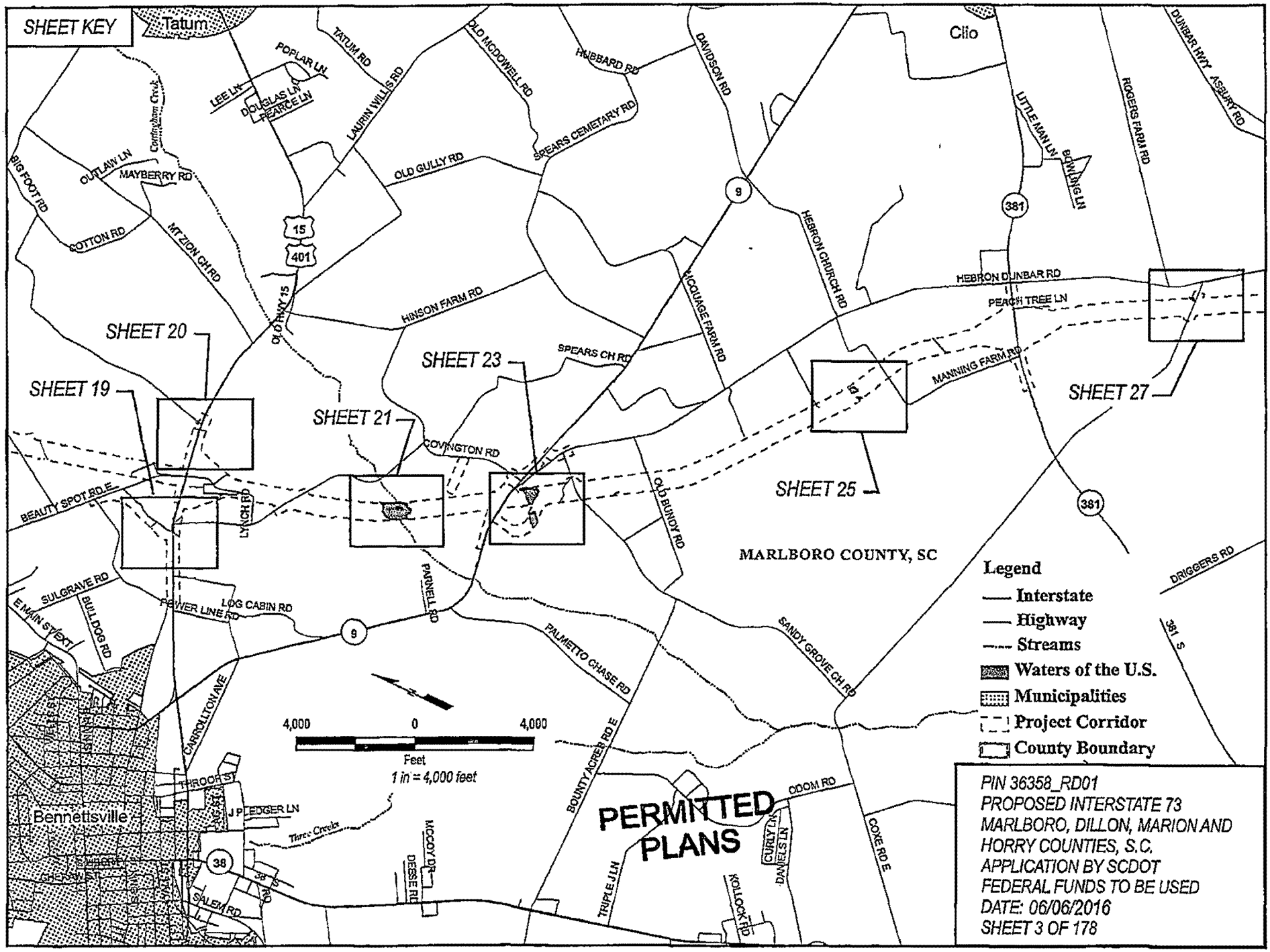
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 2 OF 178


SHEET KEY
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SHEET 27
MARLBORO COUNTY, SC
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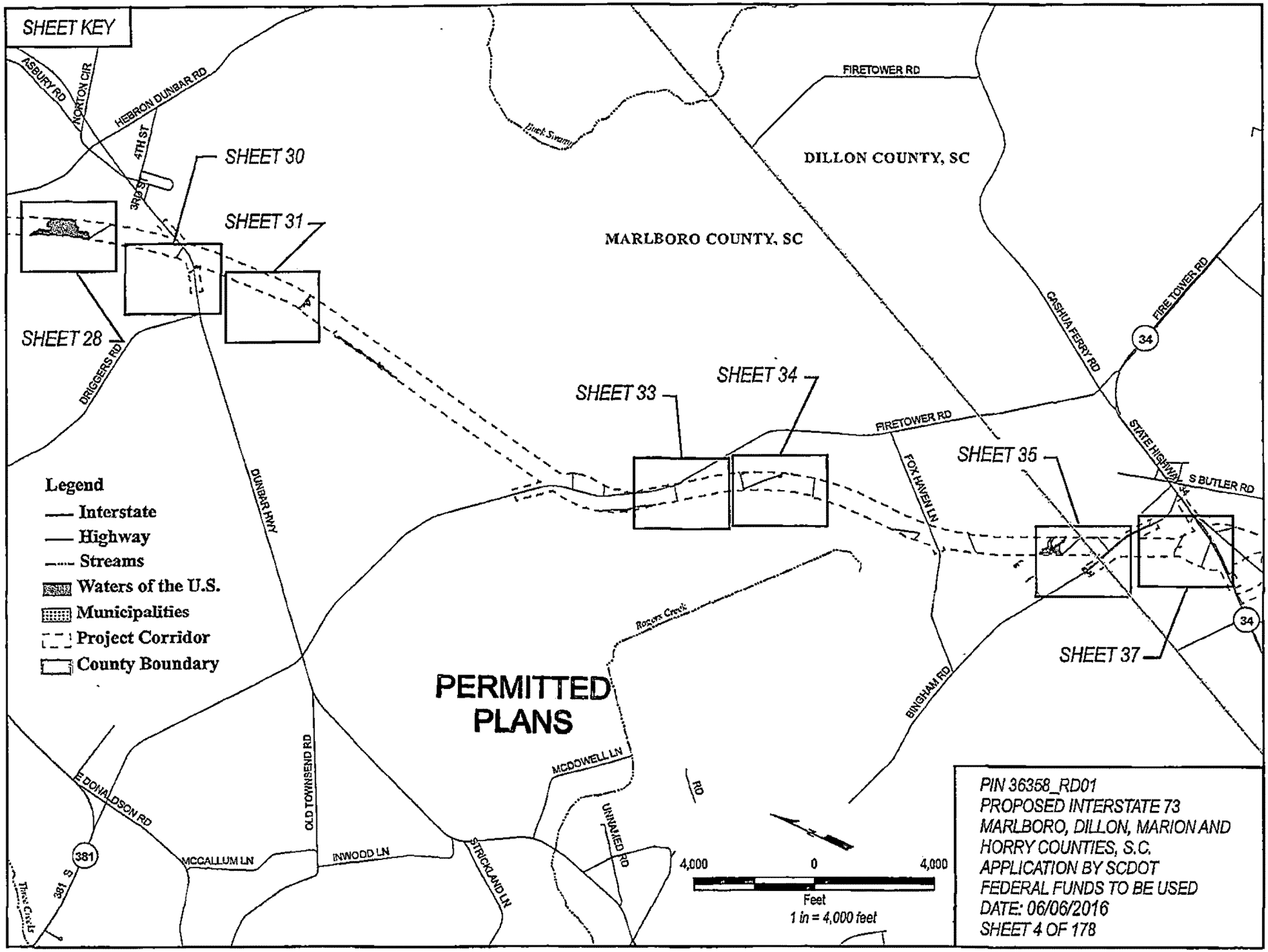
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 3 OF 178


SHEET KEY
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SHEET 30
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SHEET 37
DILLON COUNTY, SC
MARLBORO COUNTY, SC
PERMITTED PLANS
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Municipalities
Project Corridor
County Boundary
ASBURY RD
KORTON CIR
HEBRON DUNBAR RD
4TH ST
3RD ST
DRIGGERS RD
DUNBAR HWY
FIRETOWER RD
CASHUA FERRY RD
STATE HIGHWAY 34
S BUTLER RD
FOX HAVEN LN
BINGHAM RD
OLD TOWNSEND RD
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MCCALLUM LN
INWOOD LN
STRICKLAND LN
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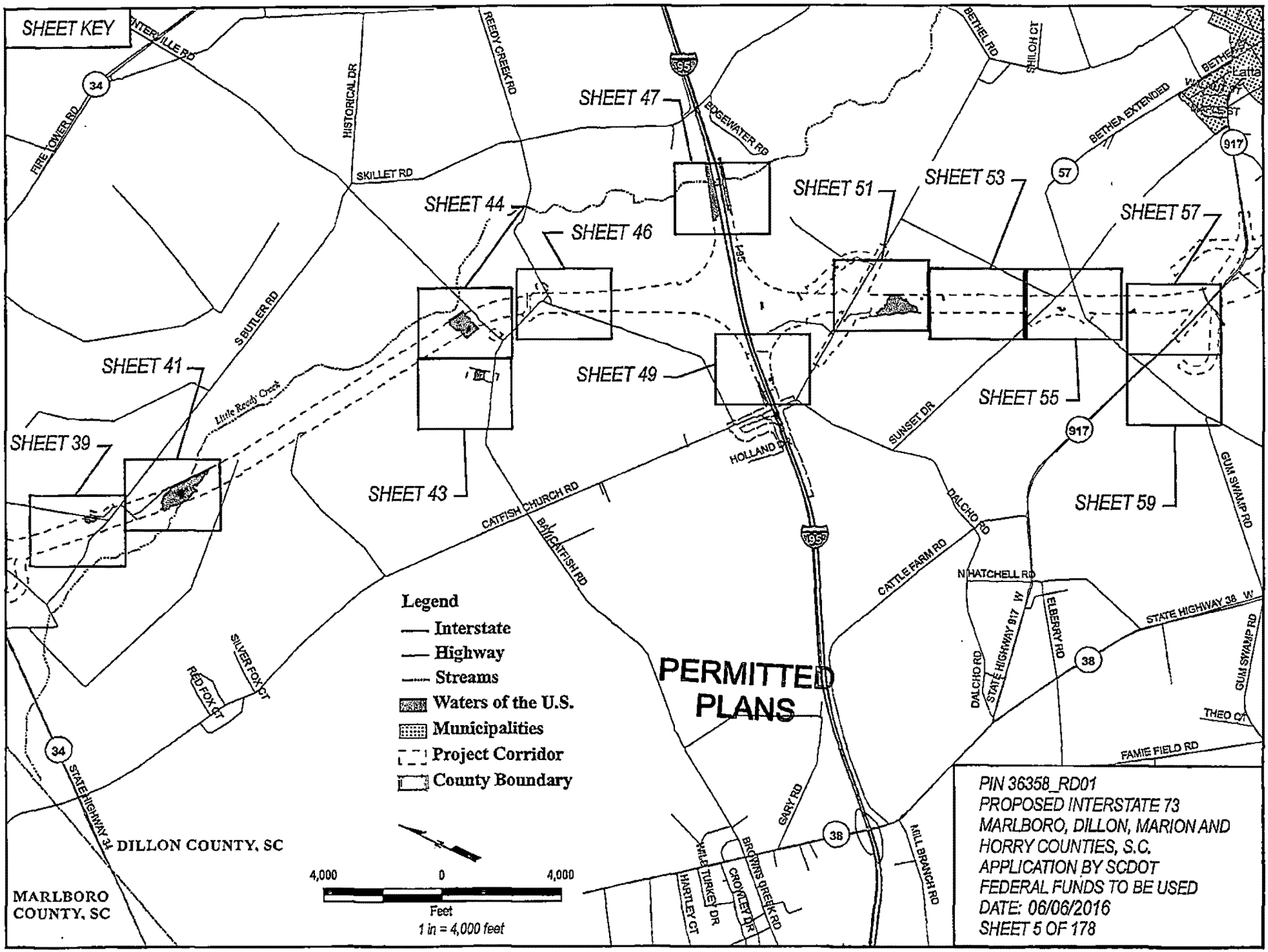
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 4 OF 178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SHEET 51
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SHEET 57
SHEET 59
PERMITTED PLANS
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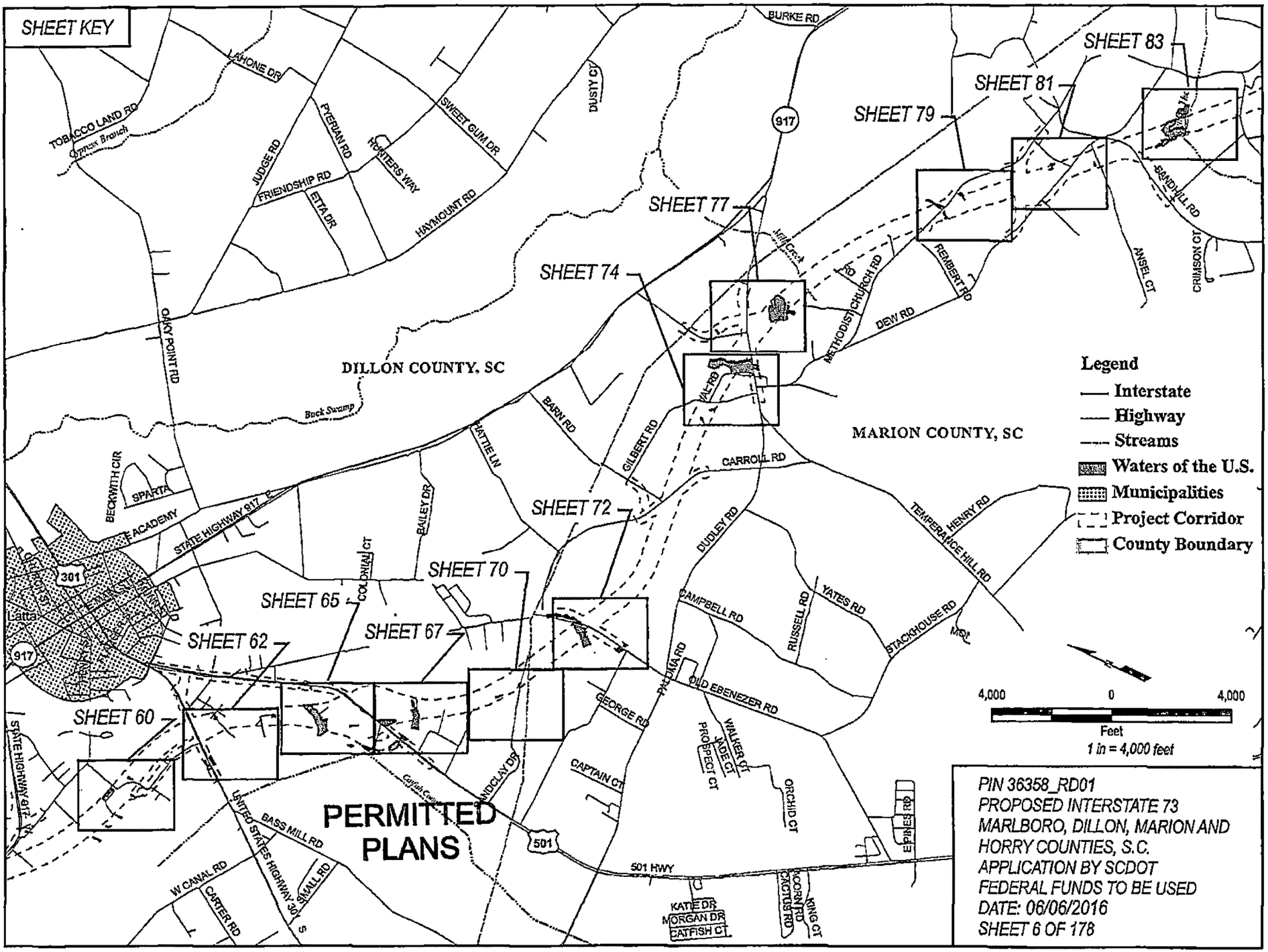
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 5 OF 178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SHEET 81
SHEET 83
DILLON COUNTY, SC
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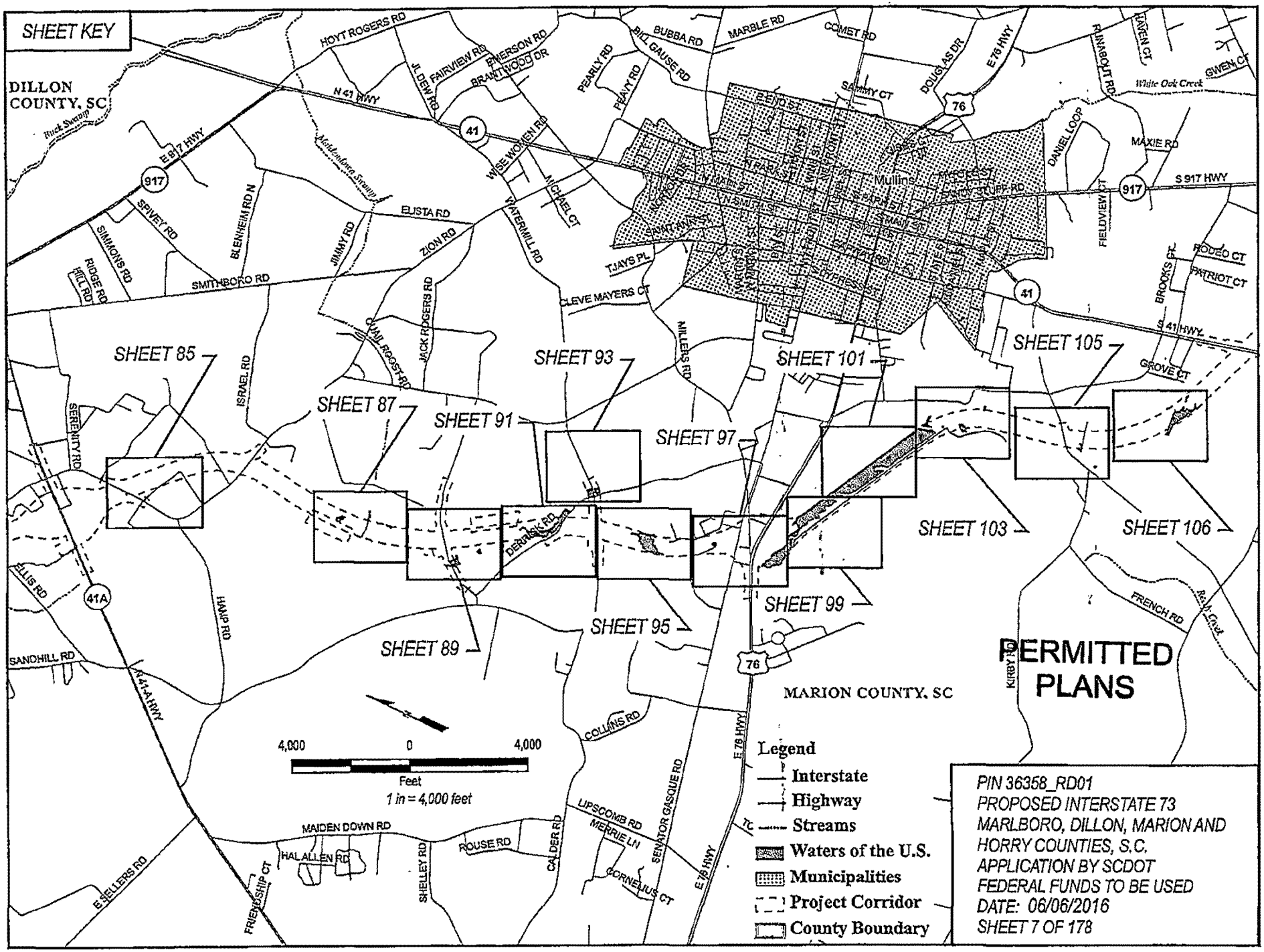
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 6 OF 178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PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
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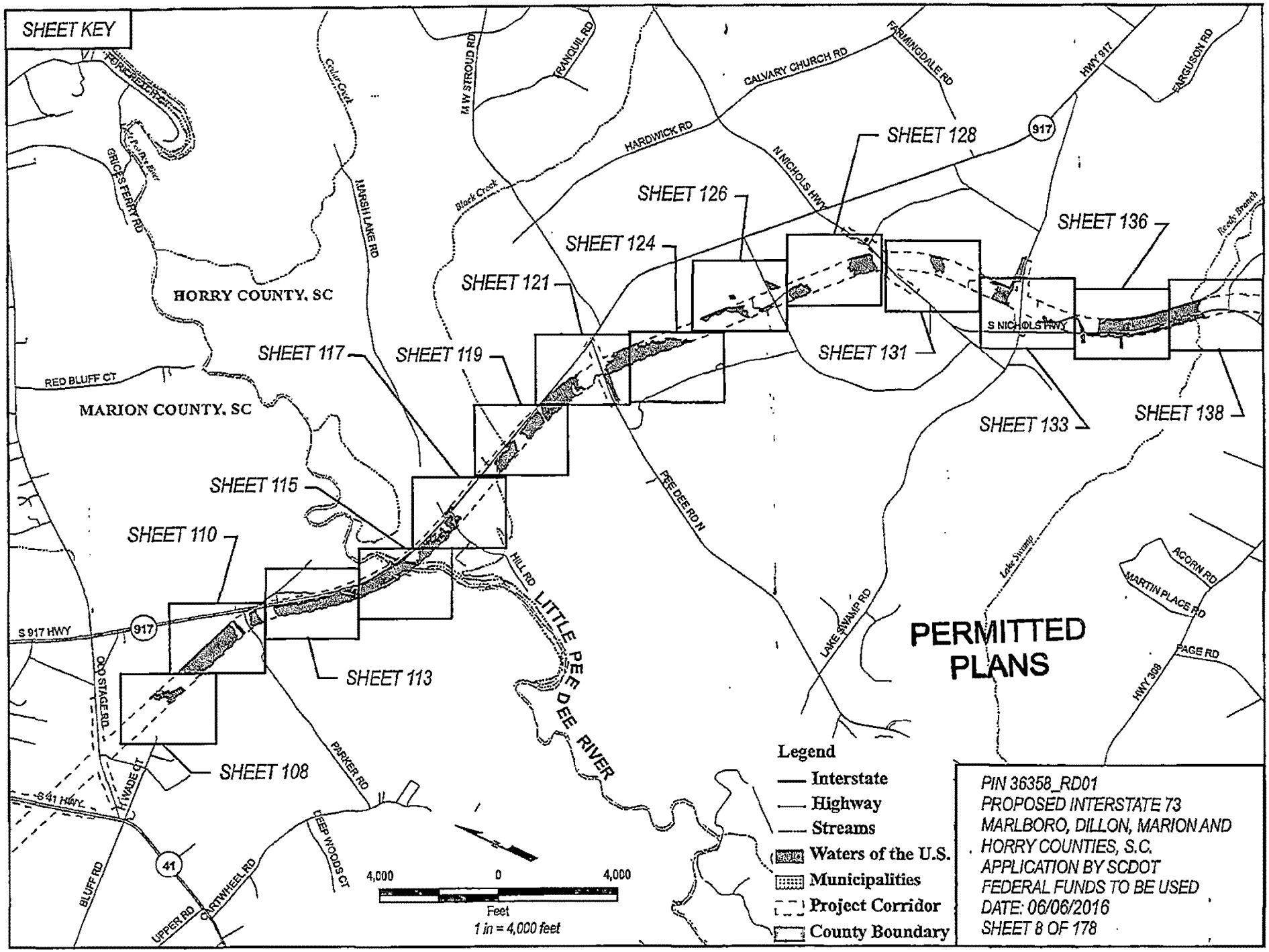
SHEET 7 OF 178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SHEET 138
HORRY COUNTY, SC
MARION COUNTY, SC
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PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
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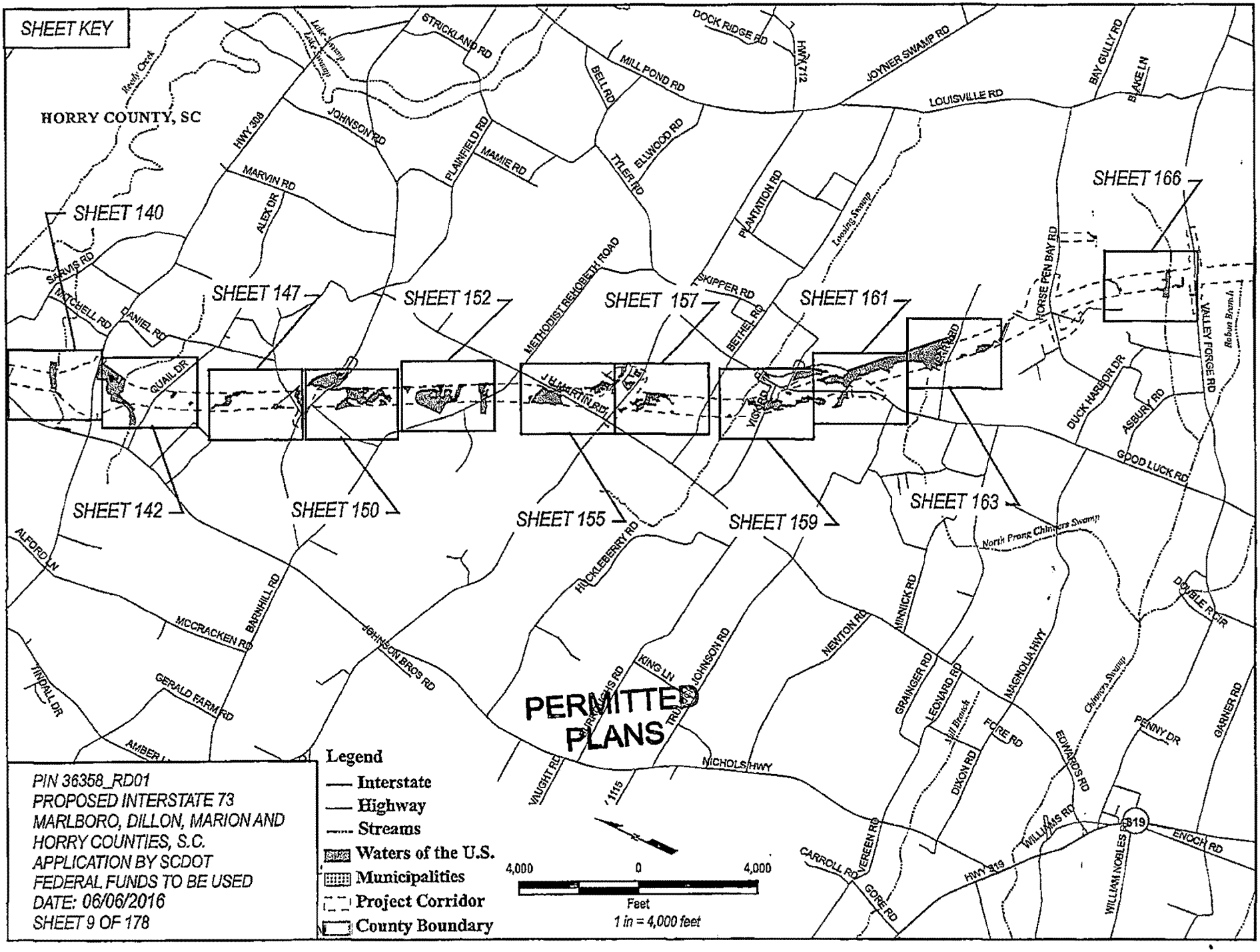
DATE: 06/06/2016
SHEET 8 OF 178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SHEET 161
SHEET 163
SHEET 166
PERMITTED PLANS
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PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
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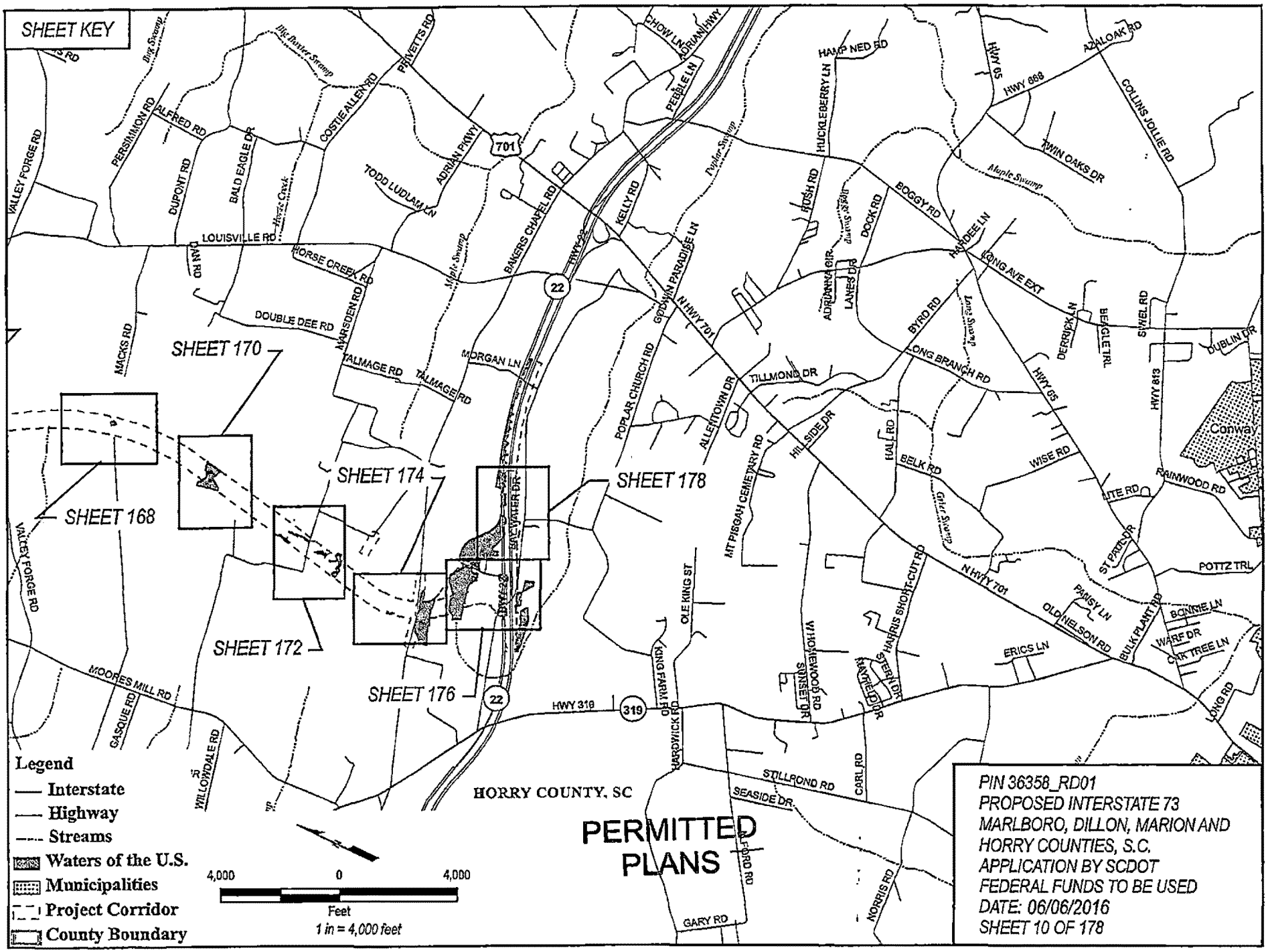
DATE: 06/06/2016
SHEET 9 OF 178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SHEET 168
SHEET 174
SHEET 178
SHEET 172
SHEET 176
HORRY COUNTY, SC
PERMITTED PLANS
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Project Corridor
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PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 10 OF 178
Conway
HWY 22
HWY 701
HWY 319
HWY 65
HWY 668
HWY 813
LOUISVILLE RD
DOUBLE DEE RD
TALMAGE RD
MORGAN LN
BAKERS CHAPEL RD
KELLY RD
GODWIN PARADISE LN
POPLAR CHURCH RD
ALLENTOWN DR
TILLMOND DR
HILLSIDE DR
MT PISGAH CEMETARY RD
OLE KING ST
KING FARM RD
HARDWICK RD
STILLROND RD
SEASIDE DR
GARY RD
NORRIS RD
CARL RD
HARRIS SHORT-CUT RD
OLD NELSON RD
BULK PLANT RD
ERICS LN
POTTZ TRL
RAINWOOD RD
LONG AVE EXT
BOGGY RD
HUCKLEBERRY LN
HAMP NED RD
TWIN OAKS DR
COLLINS JOLLIE RD
AZALOAK RD
VALLEY FORGE RD
MOORES MILL RD
GASQUE RD
WILLOWDALE RD
MACKS RD
DUPONT RD
BALD EAGLE DR
PERSIMMON RD
ALFRED RD
COSTIE ALLEN RD
PRIVETTS RD
TODD LUDLAM LN
ADRIAN PKWY
DAN RD
HORSE CREEK RD
MARSDEN RD
CHOW LN
ADRIAN HWY
PEBBLE LN
HUSH RD
DOCK RD
ADRIANNA CIR
LANES DR
BYRD RD
LONG BRANCH RD
HALL RD
BELK RD
WISE RD
DERRICK LN
BEAGLE TRL
SWEL RD
DUBLIN DR
ST PAUL DR
PANSY LN
BONNIE LN
WARF DR
OAK TREE LN
LONG RD
HARDEE LN
Big Swamp
Big Buxter Swamp
Horse Creek
Maple Swamp
Poplar Swamp
Long Swamp
Gater Swamp
Big Swamp

GENERAL NOTES

NOTES:

(1) THE PORTION OF THE ALIGNMENT IN NORTH CAROLINA WILL BE PERMITTED BY NCDOT THROUGH THE USACE WILMINGTON DISTRICT.

(2) WATERS OF THE U.S. ARE DESIGNATED BY THE FIRST LETTER OF THE COUNTY AND A NUMERIC DESIGNATION ON THE FOLLOWING SHEETS. FOR EXAMPLE "D 1" INDICATES DILLON COUNTY AND AREA NUMBER 1. (ML = MARLBORO COUNTY; D = DILLON COUNTY; M = MARION COUNTY; H = HORRY COUNTY).

(3) CHANNELS WHICH HAVE BEEN IDENTIFIED ON SCDNR'S DATA LAYER AS STREAMS ARE INDICATED BY "SCDNR XX" WHERE XX EQUALS THE STREAM NUMBER ASSIGNED DURING THE WETLAND DELINEATION.

(4) WETLAND BOUNDARIES BEYOND THE CORRIDOR LIMITS HAVE NOT BEEN VERIFIED BY THE USACE. WHERE JURISDICTIONAL FEATURES EXTEND OUTSIDE THE CORRIDOR, THE APPROXIMATE LOCATION AND DIRECTION ARE SHOWN BY ARROWS AT THE CORRIDOR LIMITS.

(5) SURVEYED TOPOGRAPHIC DATA WAS NOT AVAILABLE IN THE PORTION OF THE ALIGNMENT NORTH OF I-95; THEREFORE, THE ROADWAY WAS DESIGNED USING USGS DIGITAL ELEVATION MAPPING (DEM) TO SET THE ELEVATIONS AND CONSTRUCTION LIMITS. THE ESTIMATED ACCURACY OF THE MAPPING IS +/- 10 FEET.

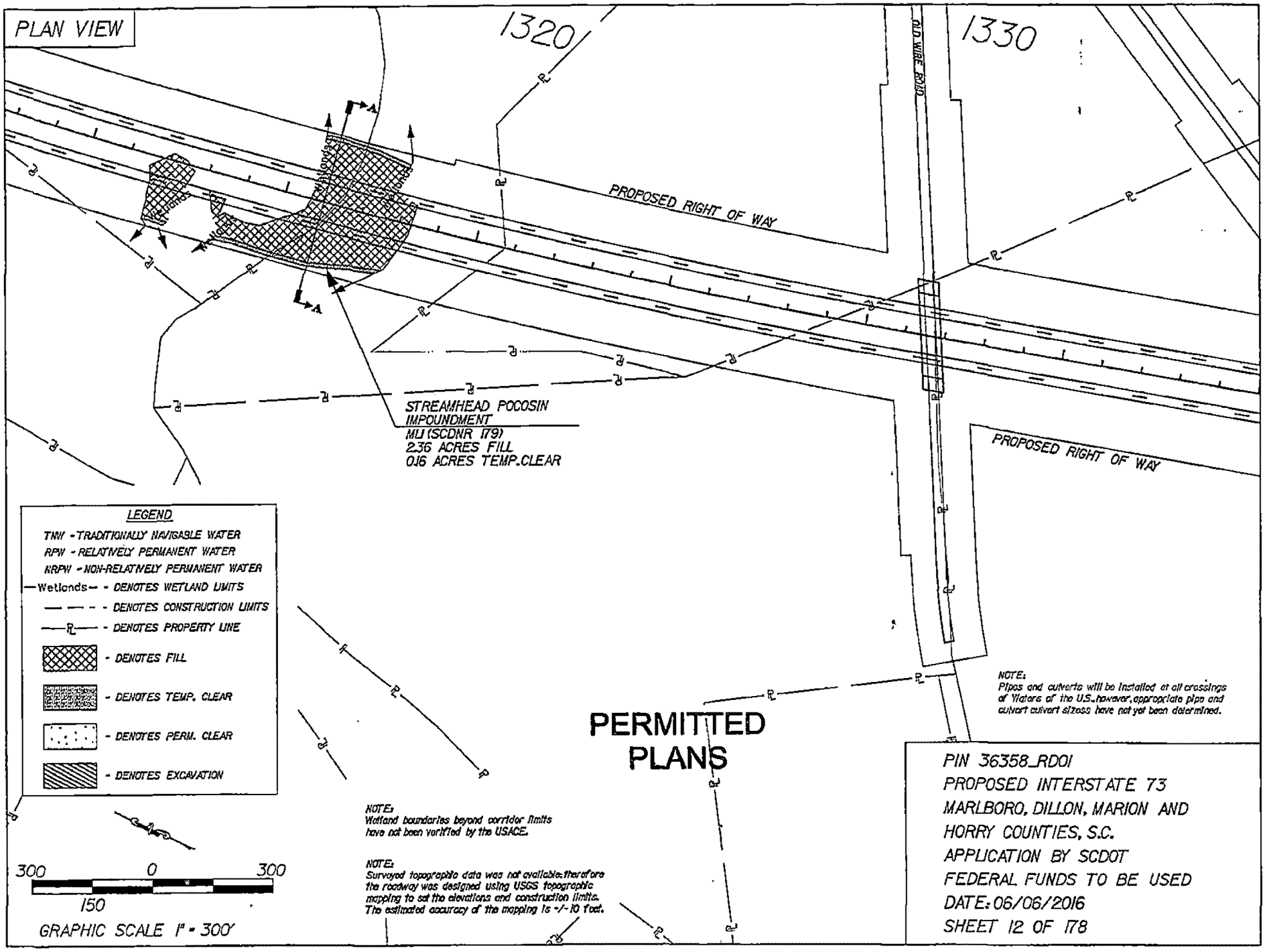
(6) SURVEYED TOPOGRAPHIC DATA WAS AVAILABLE AND USED TO DESIGN THE PORTION OF THE ALIGNMENT FROM I-95 SOUTH TO SC 22.

(7) FINAL HYDROLOGIC STUDIES HAVE NOT BEEN COMPLETED FOR THE PORTION OF THE ALIGNMENT NORTH OF I-95, THEREFORE PIPE SIZES ARE NOT KNOWN AT THIS TIME. PRIOR TO BEGINNING CONSTRUCTION ON THIS PORTION OF THE ALIGNMENT, FINAL HYDROLOGIC STUDIES WILL BE COMPLETED AND PROPERLY SIZED PIPES AND/OR CULVERTS WILL BE INSTALLED AT STREAM AND WETLAND CROSSINGS TO MAINTAIN HISTORIC HYDROLOGIC CONNECTIONS.

(8) FINAL HYDROLOGIC STUDIES WERE COMPLETED FOR THE ALIGNMENT SOUTH OF I-95 AND CROSS PIPES AND/OR CULVERTS ARE INDICATED ON THE PERMIT DRAWINGS.

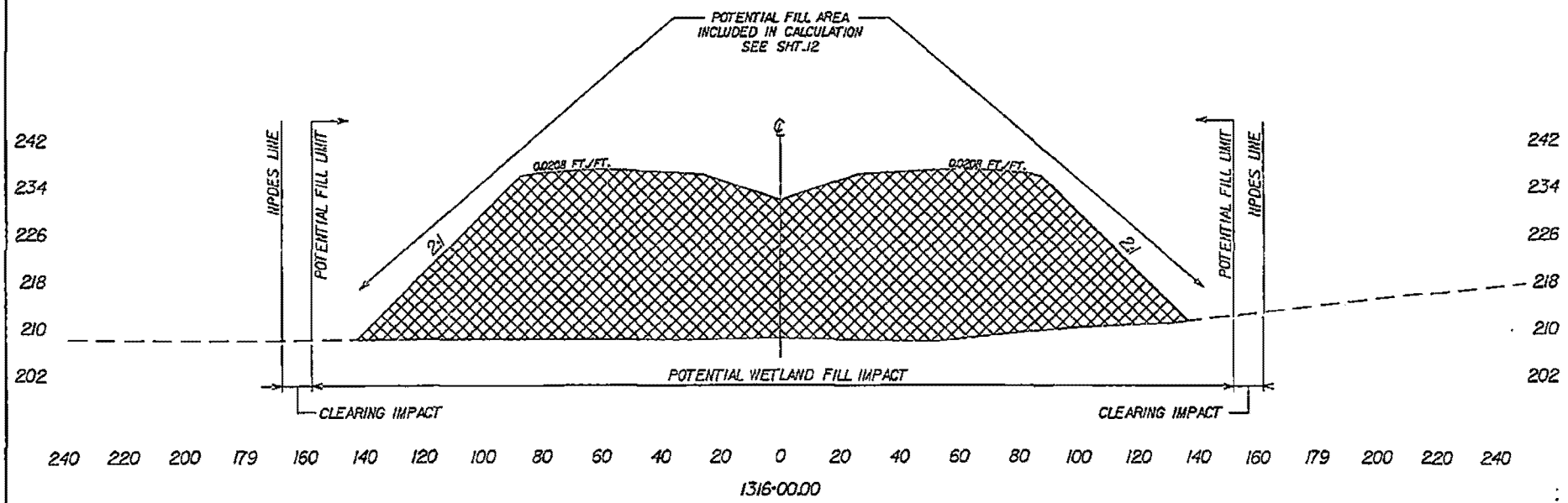
PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 11 OF 178


PLAN VIEW
1320
1330
OLD WIRE ROAD
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
Wetlands
A
A
STREAMHEAD POCOSIN
IMPOUNDMENT
MU (SCDNR 179)
2.36 ACRES FILL
0.16 ACRES TEMP.CLEAR
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however, appropriate pipe and culvert culvert sizes have not yet been determined.
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 12 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION A-A

— — · DENOTES EXISTING GROUND LINE

- DENOTES FILL

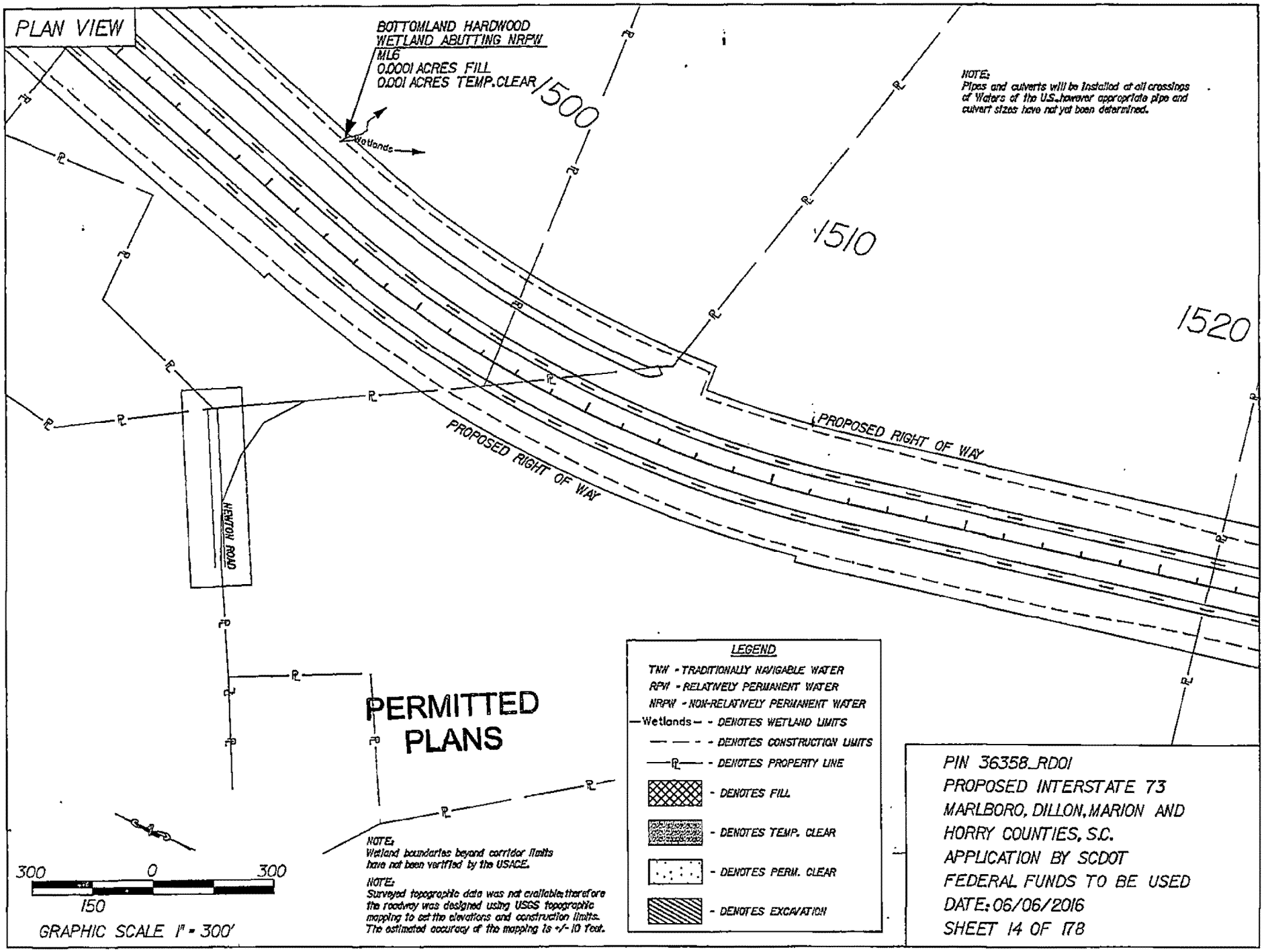
- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 13 OF 178


PLAN VIEW
BOTTOMLAND HARDWOOD
WETLAND ABUTTING NRPW
ML6
0.0001 ACRES FILL
0.001 ACRES TEMP.CLEAR
Wetlands
1500
1510
1520
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S.,however appropriate pipe and culvert sizes have not yet been determined.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
HEMPTON ROAD
PERMITTED
PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available;therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 14 OF 178

PLAN VIEW

1560

1570

1580

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

JURISDICTIONAL DITCH
ML8 (SCDNR 189)
0.04 ACRES FILL

LEGEND

TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — - DENOTES CONSTRUCTION LIMITS
—℄— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION

300 0 300
150
GRAPHIC SCALE 1" = 300'

PERMITTED PLANS

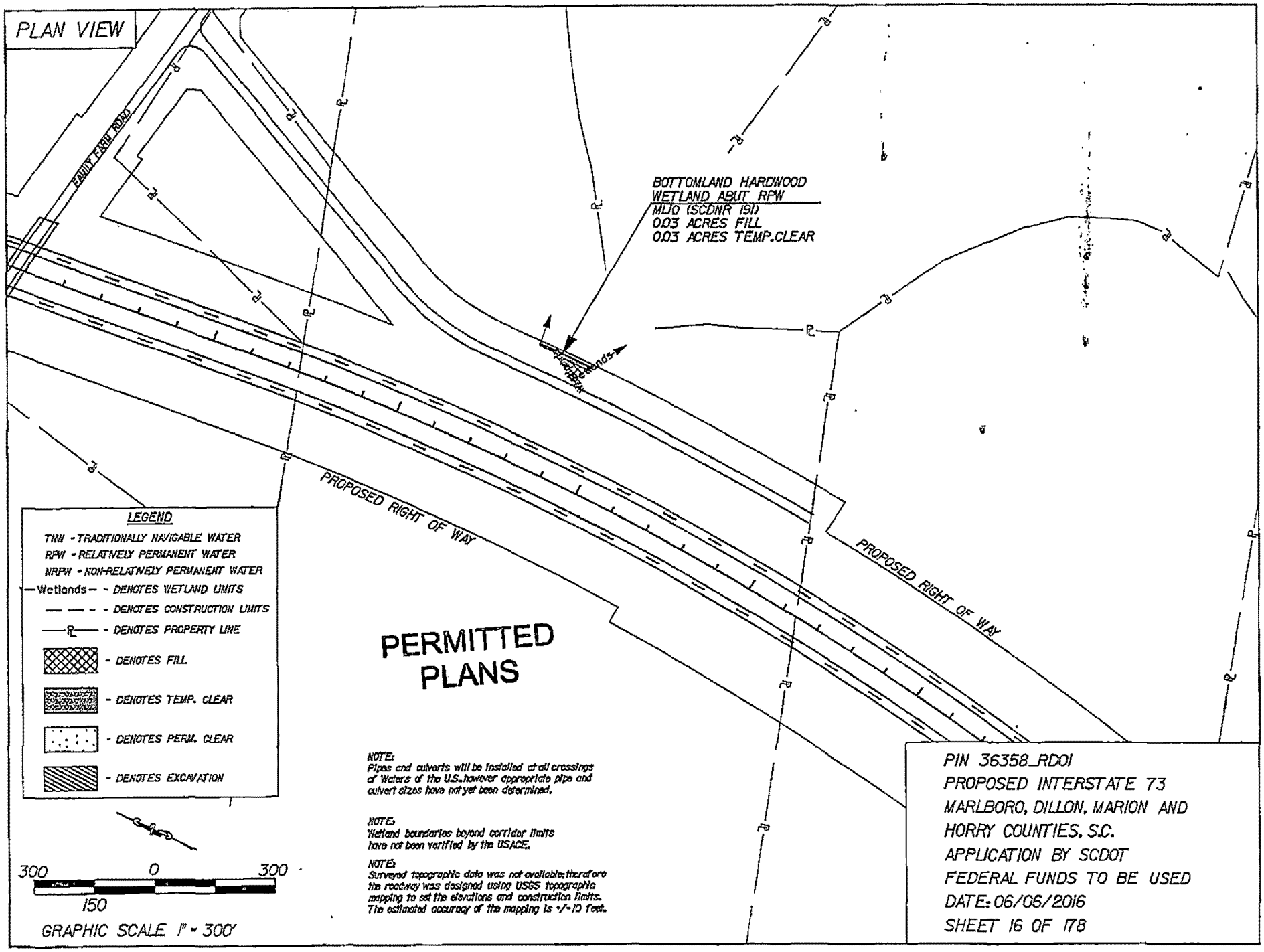
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S. however appropriate pipe and culvert sizes have not yet been determined.

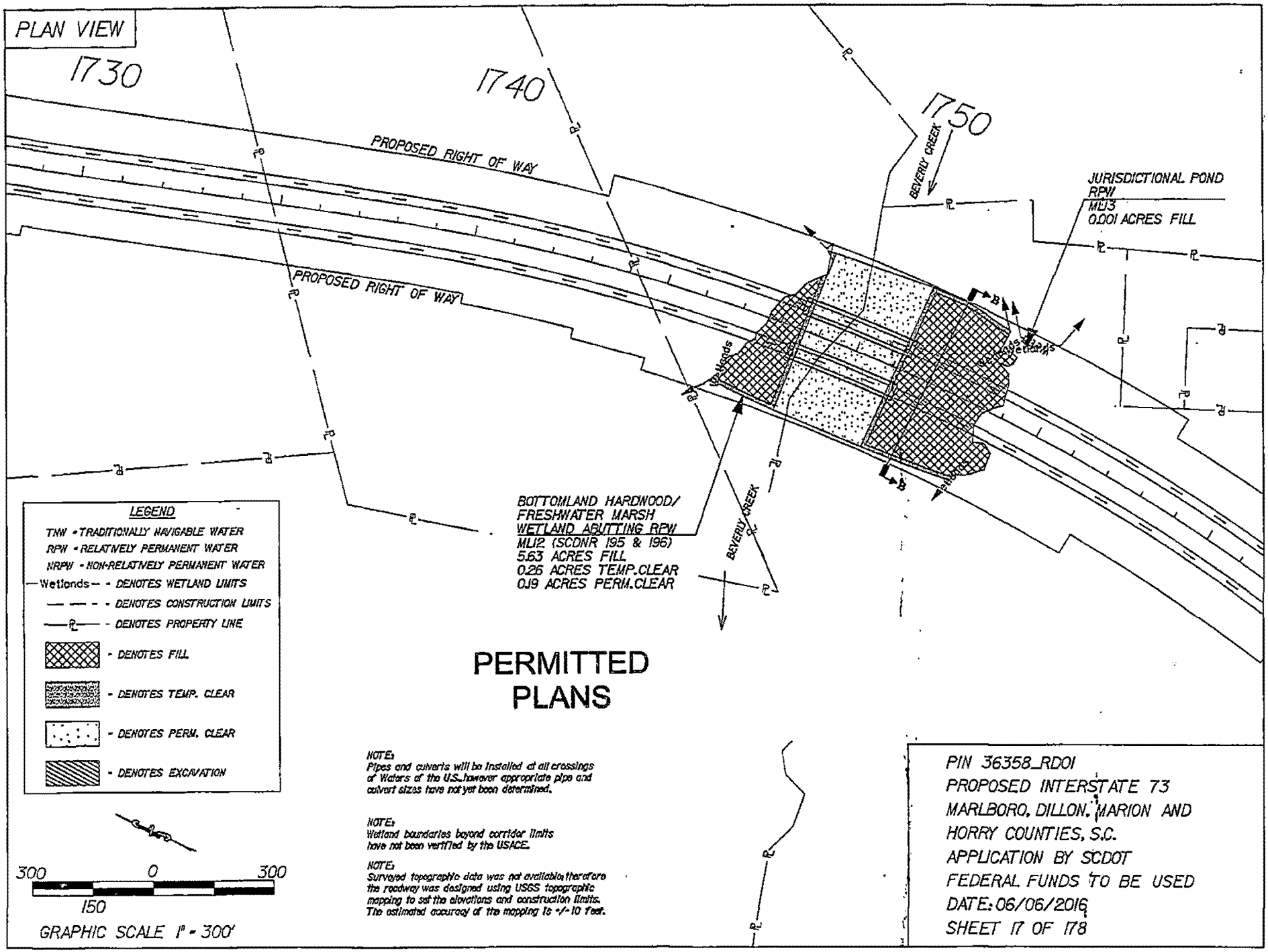
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

REVISED: 07/01/2016

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 15 OF 178

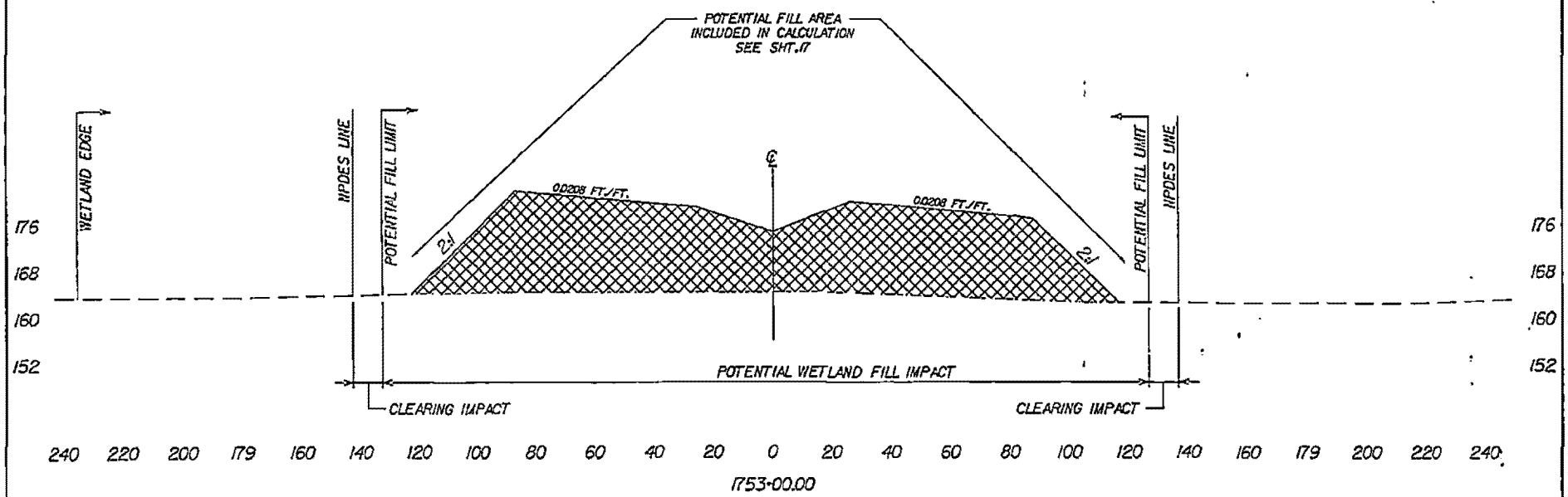

PLAN VIEW
FAMILY FARM ROAD
BOTTOMLAND HARDWOOD
WETLAND ABUT RPW
MLIO (SCDNR 191)
0.03 ACRES FILL
0.03 ACRES TEMP.CLEAR
Wetlands
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S. however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/-10 feet.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 16 OF 178



PERMITTED PLANS

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION B-B

— — - DENOTES EXISTING GROUND LINE

- DENOTES FILL

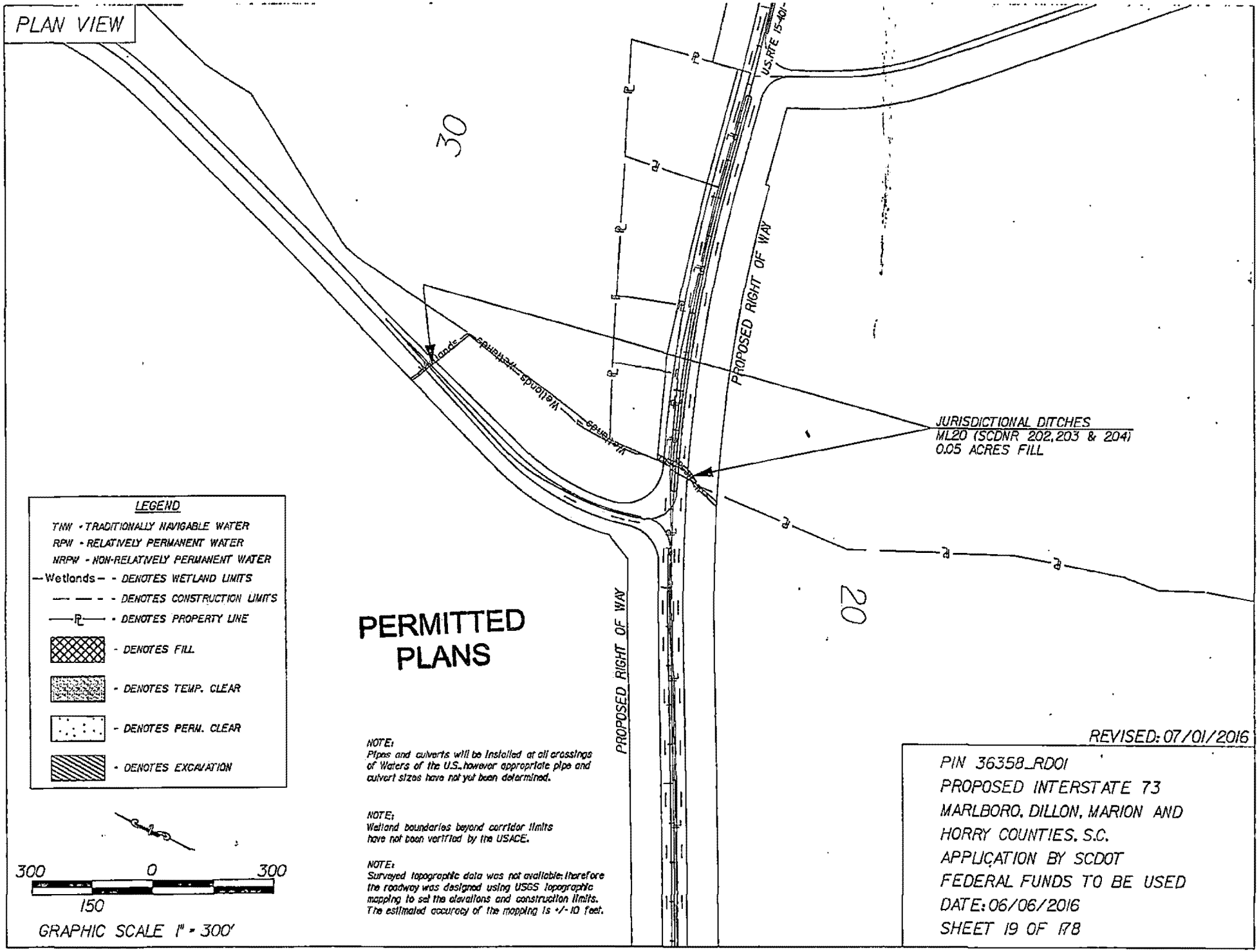
- DENOTES EXCAVATION

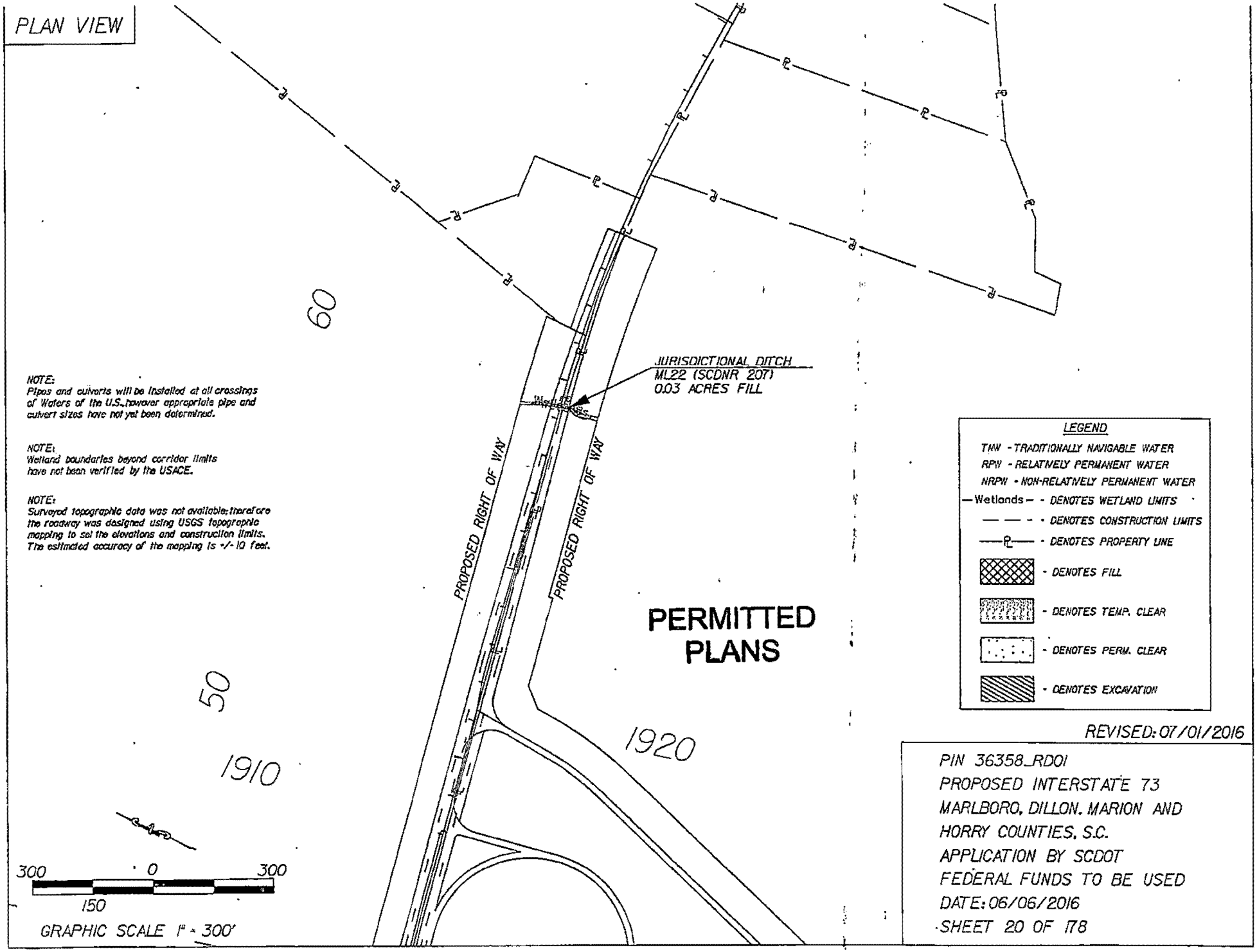
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

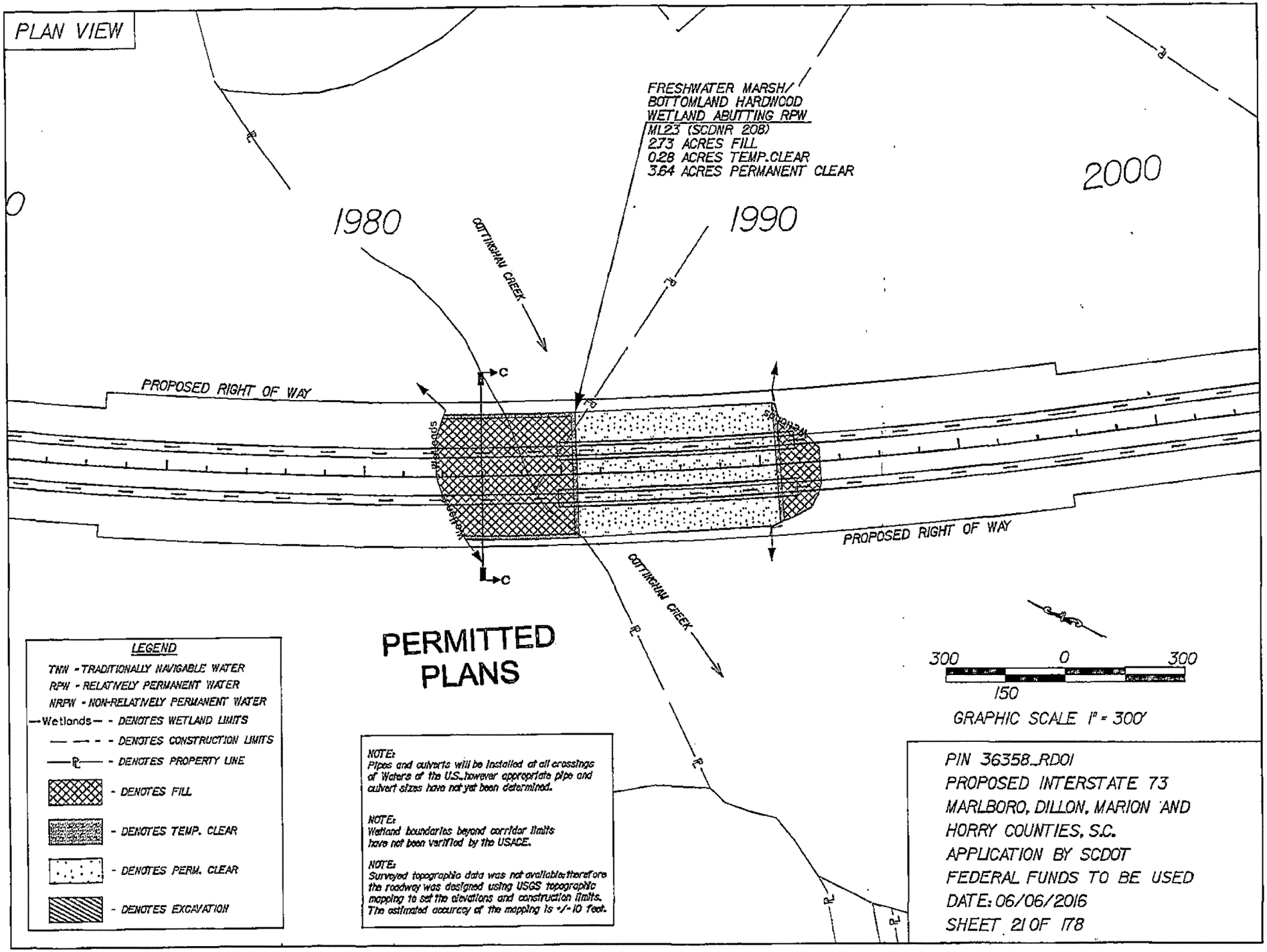
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 18 OF 178


PLAN VIEW
30
20
U.S. RTE 15-401
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
JURISDICTIONAL DITCHES
ML20 (SCDNR 202,203 & 204)
0.05 ACRES FILL
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 19 OF 178



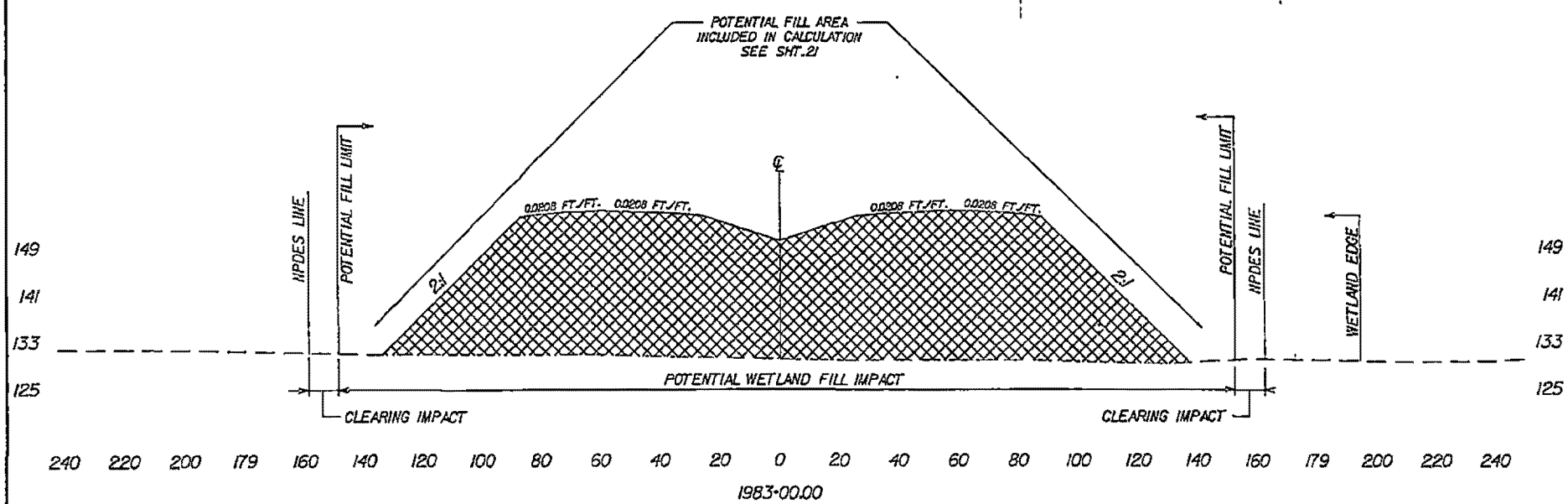
REVISED: 07/01/2016

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 20 OF 178


PLAN VIEW
FRESHWATER MARSH/
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML23 (SCDNR 208)
2.73 ACRES FILL
0.28 ACRES TEMP.CLEAR
3.64 ACRES PERMANENT CLEAR
1980
1990
2000
COTTINGHAM CREEK
PROPOSED RIGHT OF WAY
Wetlands
C
PROPOSED RIGHT OF WAY
COTTINGHAM CREEK
PERMITTED
PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been varified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300
0
300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 21 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION C-C

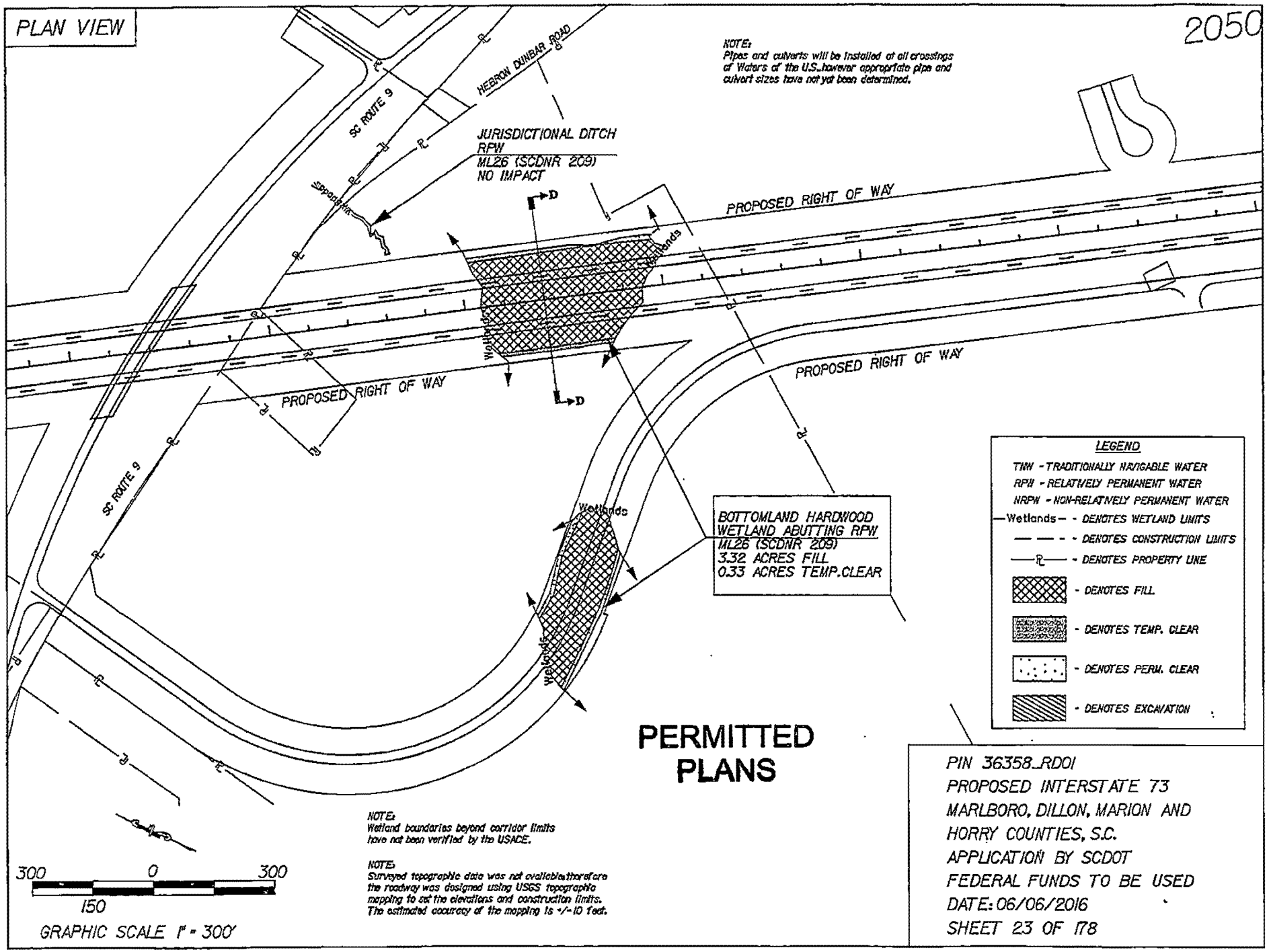
- DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

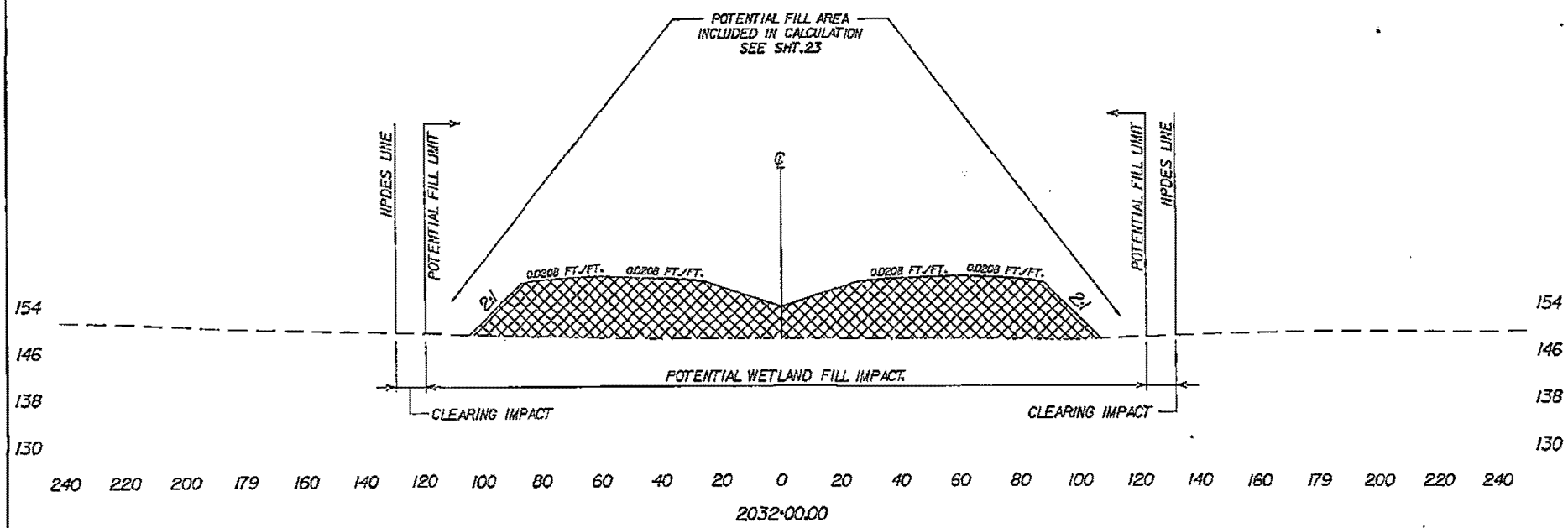
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 22 OF 178


PLAN VIEW
2050
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
HEBRON DUNBAR ROAD
SC ROUTE 9
JURISDICTIONAL DITCH
RPW
ML26 (SCDNR 209)
NO IMPACT
D
D
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
Wetlands
Wetlands
SC ROUTE 9
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML26 (SCDNR 209)
3.32 ACRES FILL
0.33 ACRES TEMP.CLEAR
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - - DENOTES WETLAND LIMITS
- - DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available, therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 23 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION D-D

- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

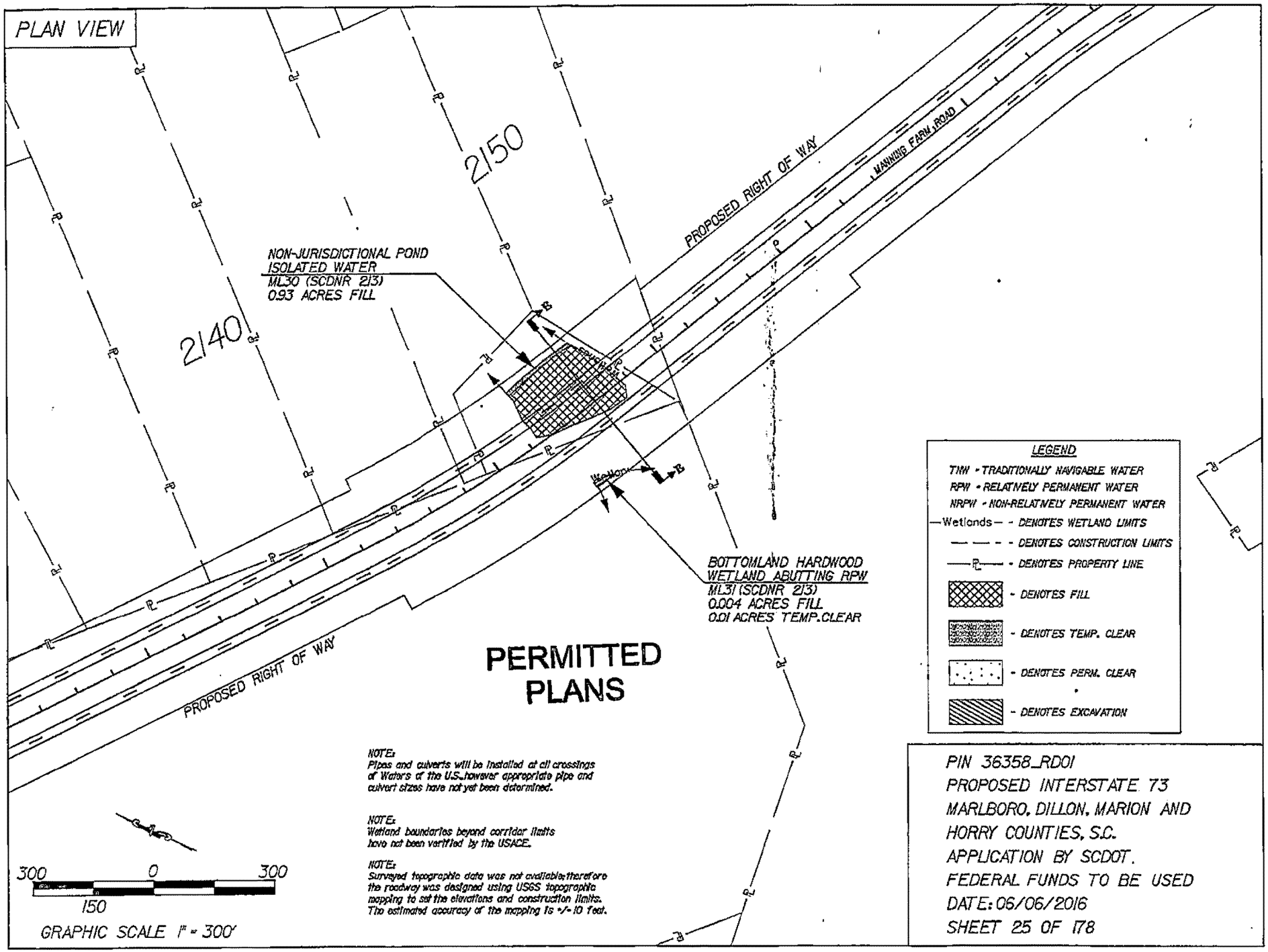
▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

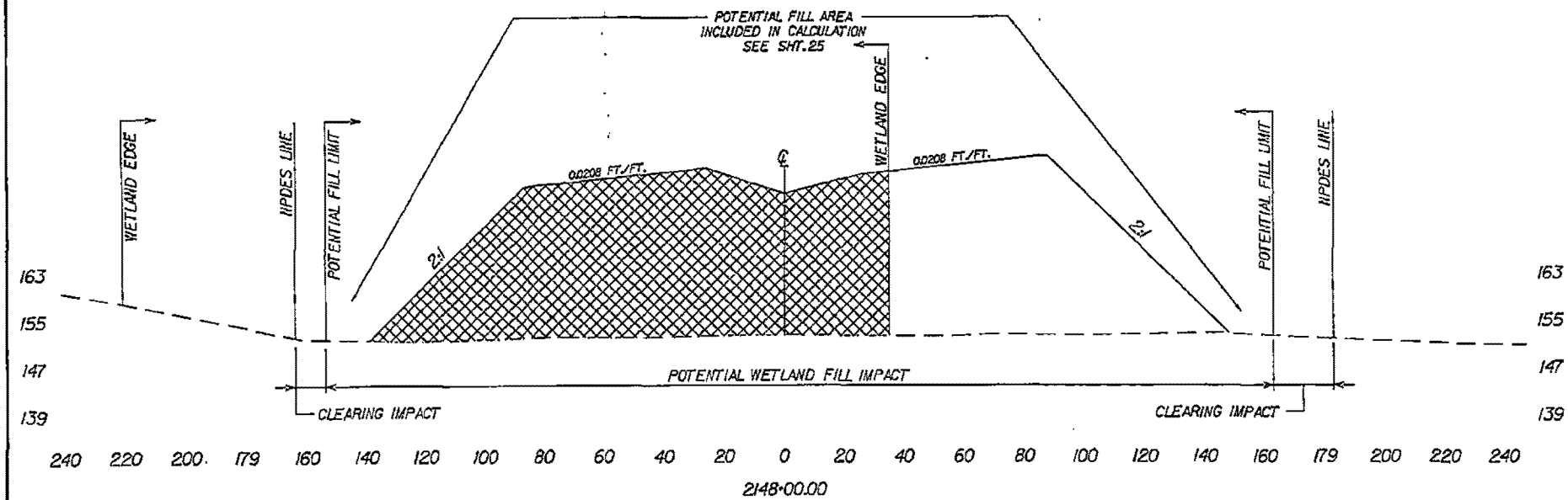
NOTE:
Surveyed topographic data was not available, therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 24 OF 178


PLAN VIEW
2150
2140
PROPOSED RIGHT OF WAY
HANNING FARM ROAD
NON-JURISDICTIONAL POND
ISOLATED WATER
ML30 (SCDNR 213)
0.93 ACRES FILL
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML31 (SCDNR 213)
0.004 ACRES FILL
0.01 ACRES TEMP.CLEAR
Wetland
PERMITTED
PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S.,however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available;therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT.
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 25 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION E-E

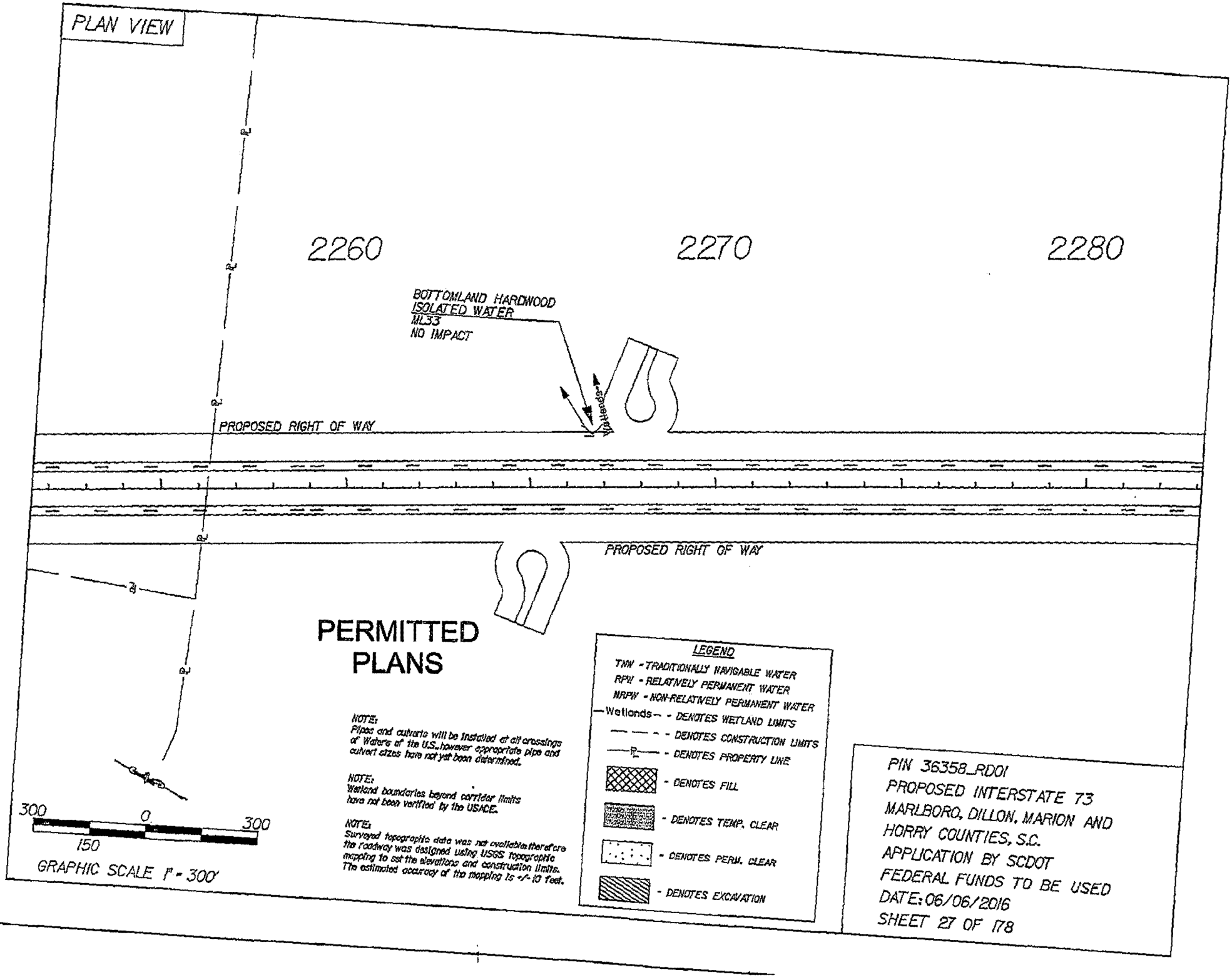
- - - - DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

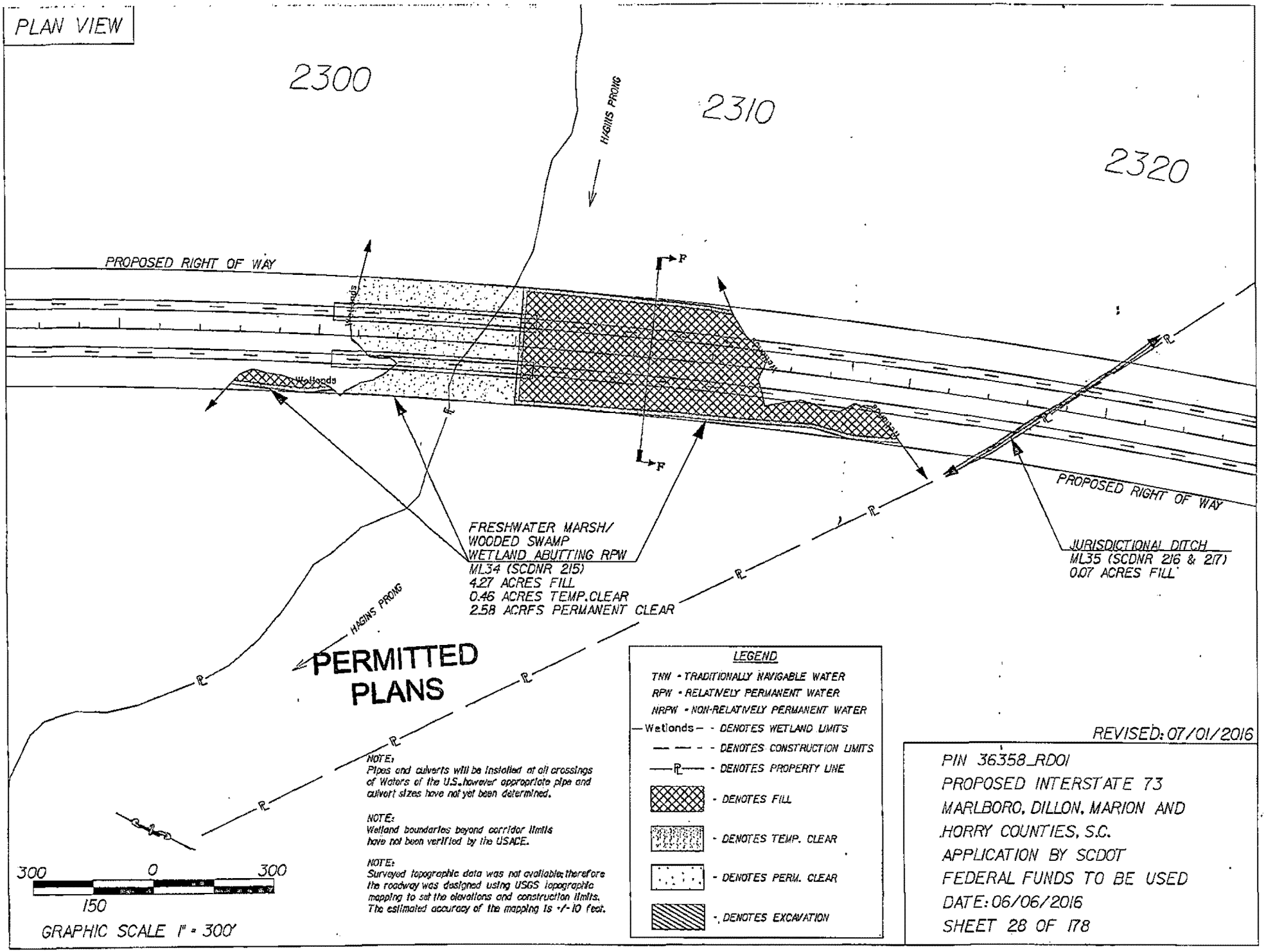
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

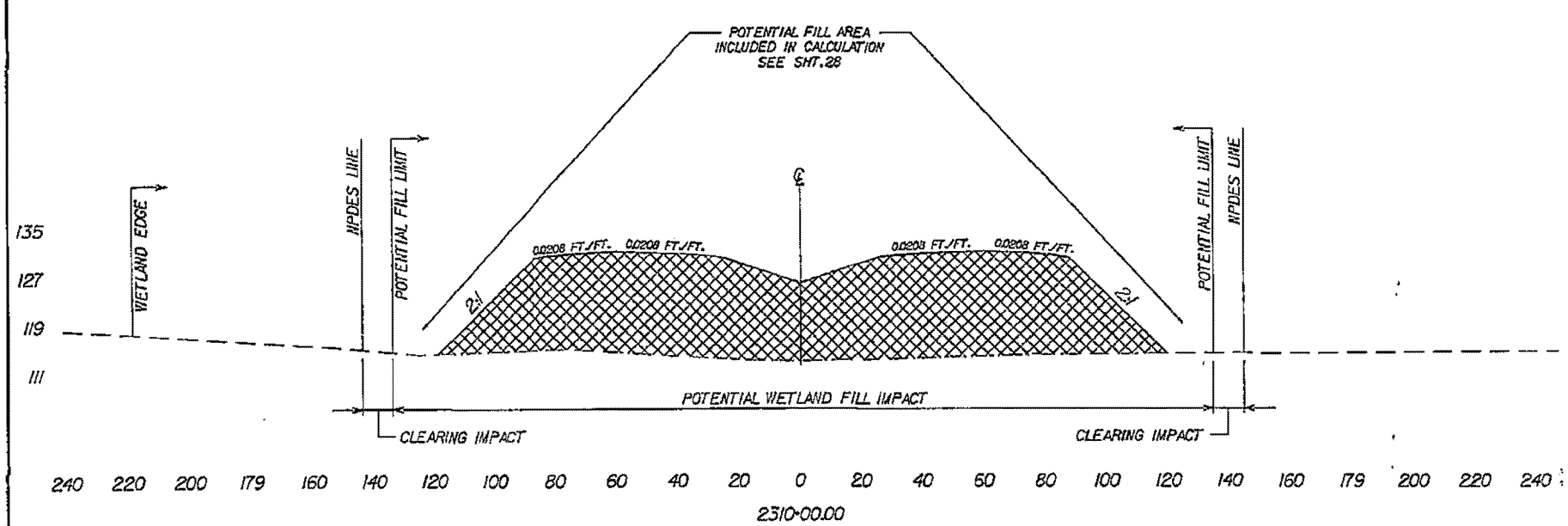
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 26 OF 178


PLAN VIEW
2260
2270
2280
BOTTOMLAND HARDWOOD
ISOLATED WATER
ML33
NO IMPACT
To Hendrix
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PERMITTED PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 27 OF 178


PLAN VIEW
2300
2310
2320
HIGGINS PRONG
PROPOSED RIGHT OF WAY
Wetlands
F
F
PROPOSED RIGHT OF WAY
FRESHWATER MARSH/
WOODED SWAMP
WETLAND ABUTTING RPW
ML34 (SCDNR 215)
4.27 ACRES FILL
0.46 ACRES TEMP.CLEAR
2.58 ACRES PERMANENT CLEAR
JURISDICTIONAL DITCH
ML35 (SCDNR 216 & 217)
0.07 ACRES FILL
HIGGINS PRONG
PERMITTED
PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S. however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 28 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION F-F

- - - - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

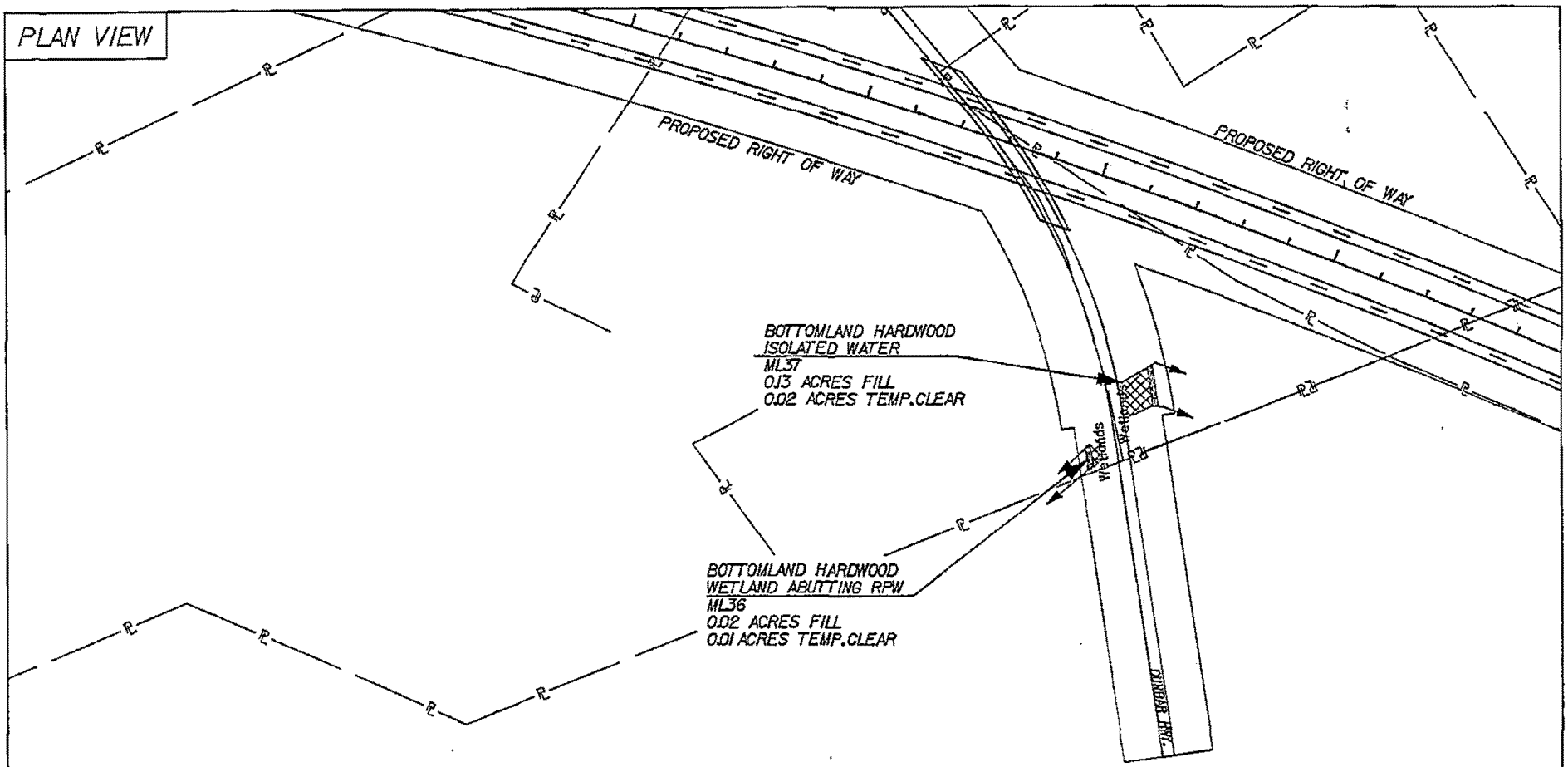
▨ - DENOTES EXCAVATION

PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 29 OF 178



PERMITTED PLANS

NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.

NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.

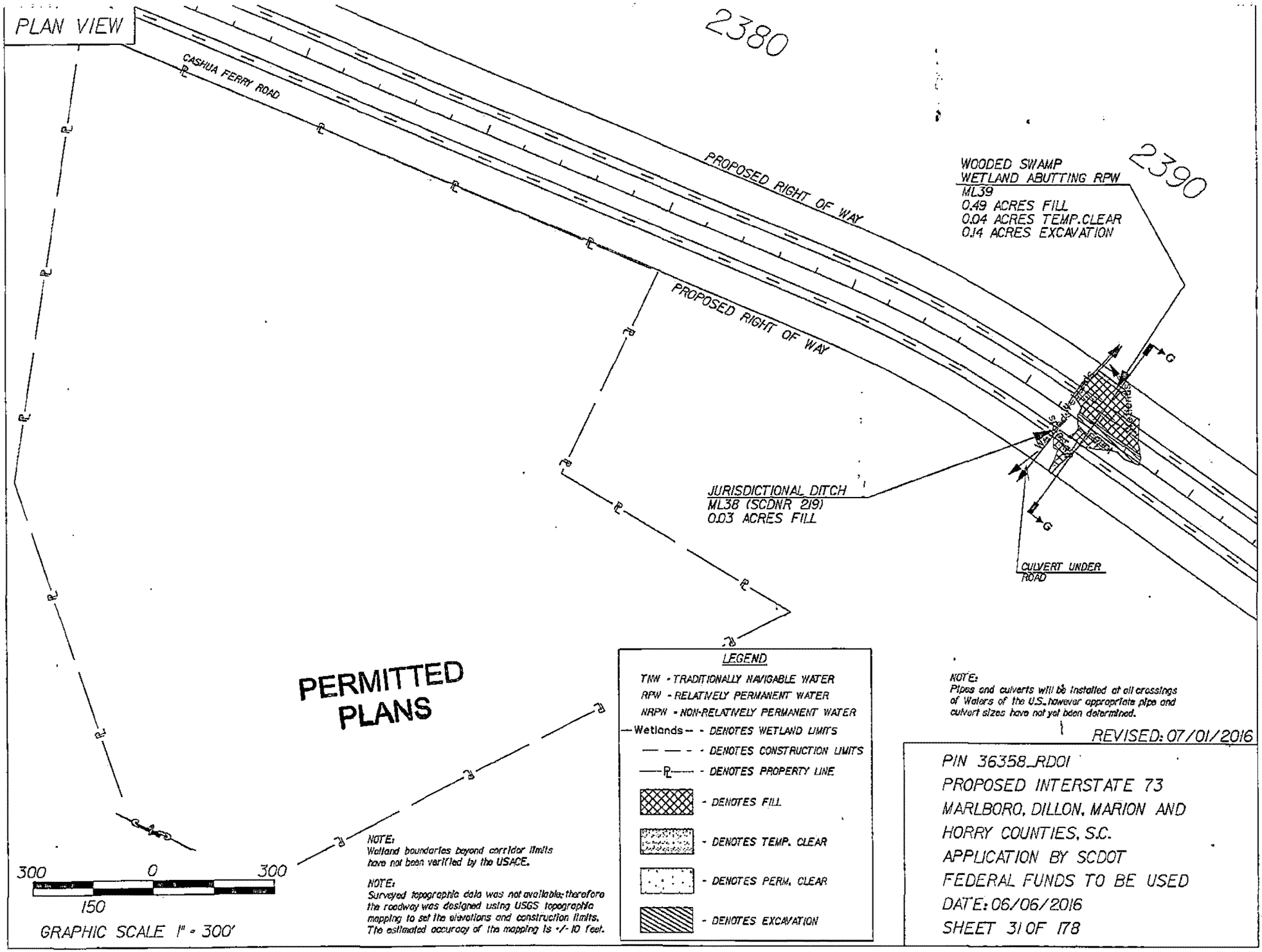
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

300 0 300
150
GRAPHIC SCALE 1" = 300'

LEGEND

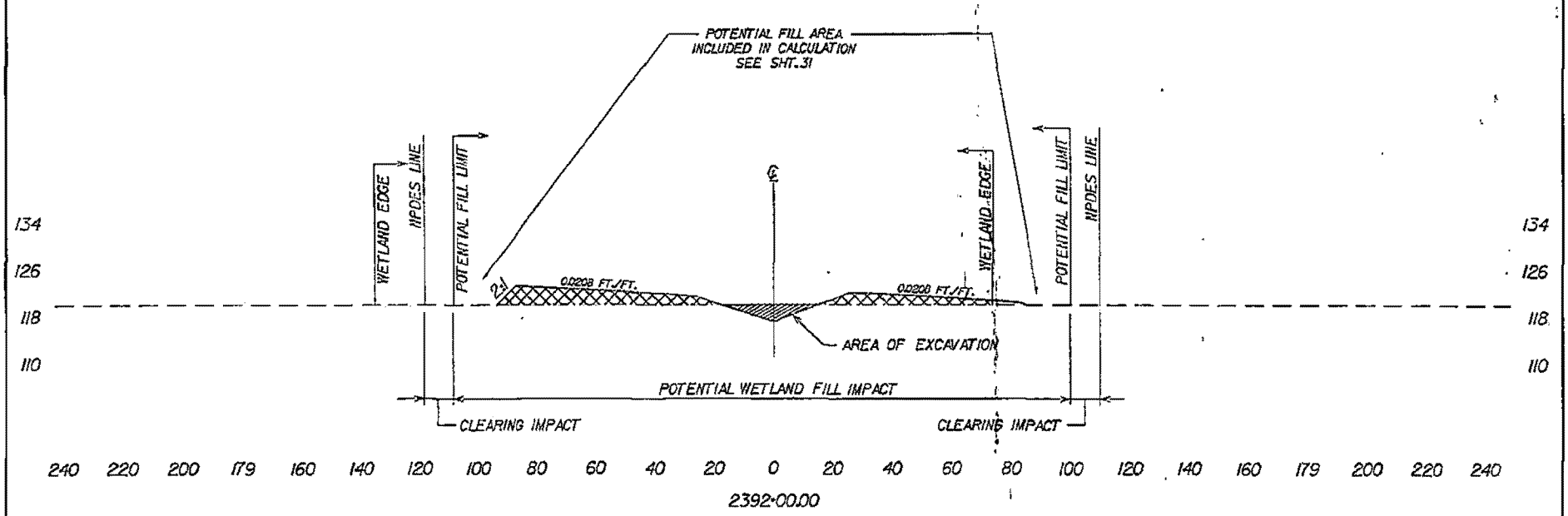
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — - DENOTES CONSTRUCTION LIMITS
—℄— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 30 OF 178


PLAN VIEW
2380
2390
CASHUA FERRY ROAD
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
WOODED SWAMP
WETLAND ABUTTING RPW
ML39
0.49 ACRES FILL
0.04 ACRES TEMP.CLEAR
0.14 ACRES EXCAVATION
JURISDICTIONAL DITCH
ML38 (SCDNR 219)
0.03 ACRES FILL
CULVERT UNDER ROAD
G
G
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S. however appropriate pipe and culvert sizes have not yet been determined.
REVISED: 07/01/2016
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 31 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION G-G

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 32 OF 178

PLAN VIEW

2530

2540

2550

FIRE TOWER ROAD

JURISDICTIONAL DITCH
ML45 (SCDNR 222)
0.05 ACRES FILL (THIS SHEET)

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

Wetlands

PERMITTED PLANS

LEGEND

TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — — - DENOTES CONSTRUCTION LIMITS
—PL— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION

REVISED: 07/01/2016

NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S. however appropriate pipe and culvert sizes have not yet been determined.

NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

300 0 300
150
GRAPHIC SCALE 1" = 300'

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 33 OF 178

PLAN VIEW

2560

2570

BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML46
0.01 ACRES FILL
0.02 ACRES TEMP.CLEAR

2580

PROPOSED RIGHT OF WAY

Wetlands

Wetlands

Wetlands

PROPOSED RIGHT OF WAY

JURISDICTIONAL DITCHES
ML45 (SCDNR 223 THRU 227)
0.23 ACRES FILL (THIS SHEET)(CONT.)

LEGEND

TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — - DENOTES CONSTRUCTION LIMITS
—℄— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION

300 0 300
150
GRAPHIC SCALE 1" = 300'

NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.

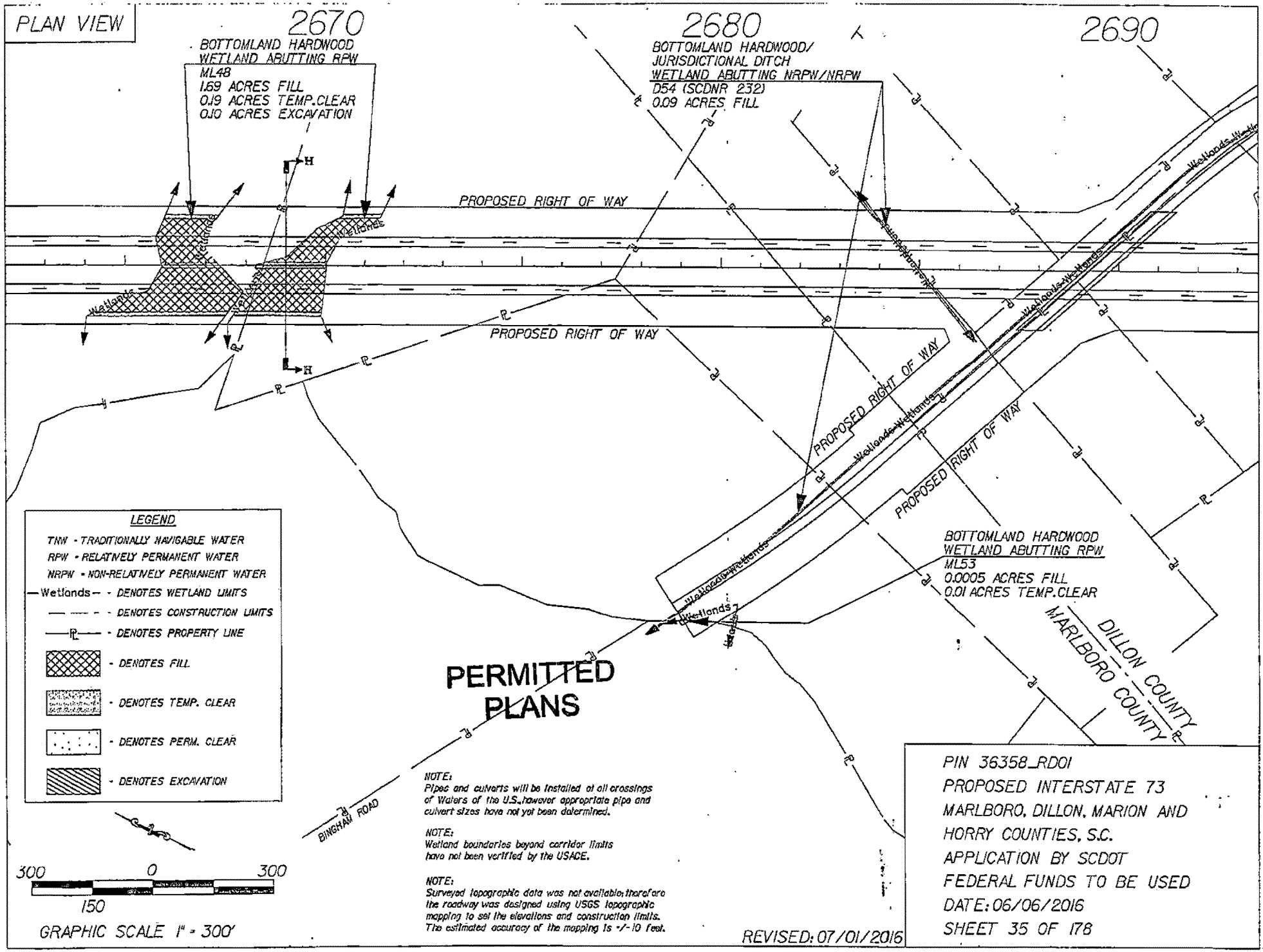
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PERMITTED PLANS

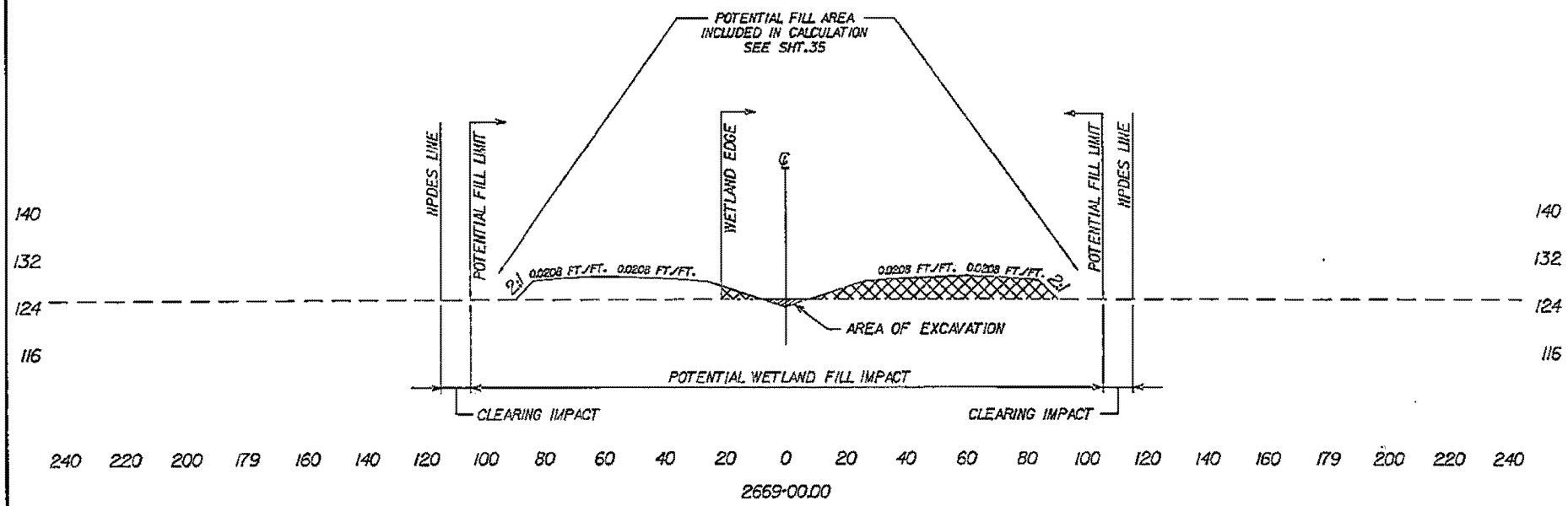
REVISED: 07/01/2016

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 34 OF 178


PLAN VIEW
2670
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML48
1.69 ACRES FILL
0.19 ACRES TEMP.CLEAR
0.10 ACRES EXCAVATION
2680
BOTTOMLAND HARDWOOD/
JURISDICTIONAL DITCH
WETLAND ABUTTING NRPW/NRPW
D54 (SCDNR 232)
0.09 ACRES FILL
2690
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
ML53
0.0005 ACRES FILL
0.01 ACRES TEMP.CLEAR
DILLON COUNTY
MARLBORO COUNTY
BINGHAM ROAD
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 35 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION H-H

- - - - DENOTES EXISTING GROUND LINE

- DENOTES FILL

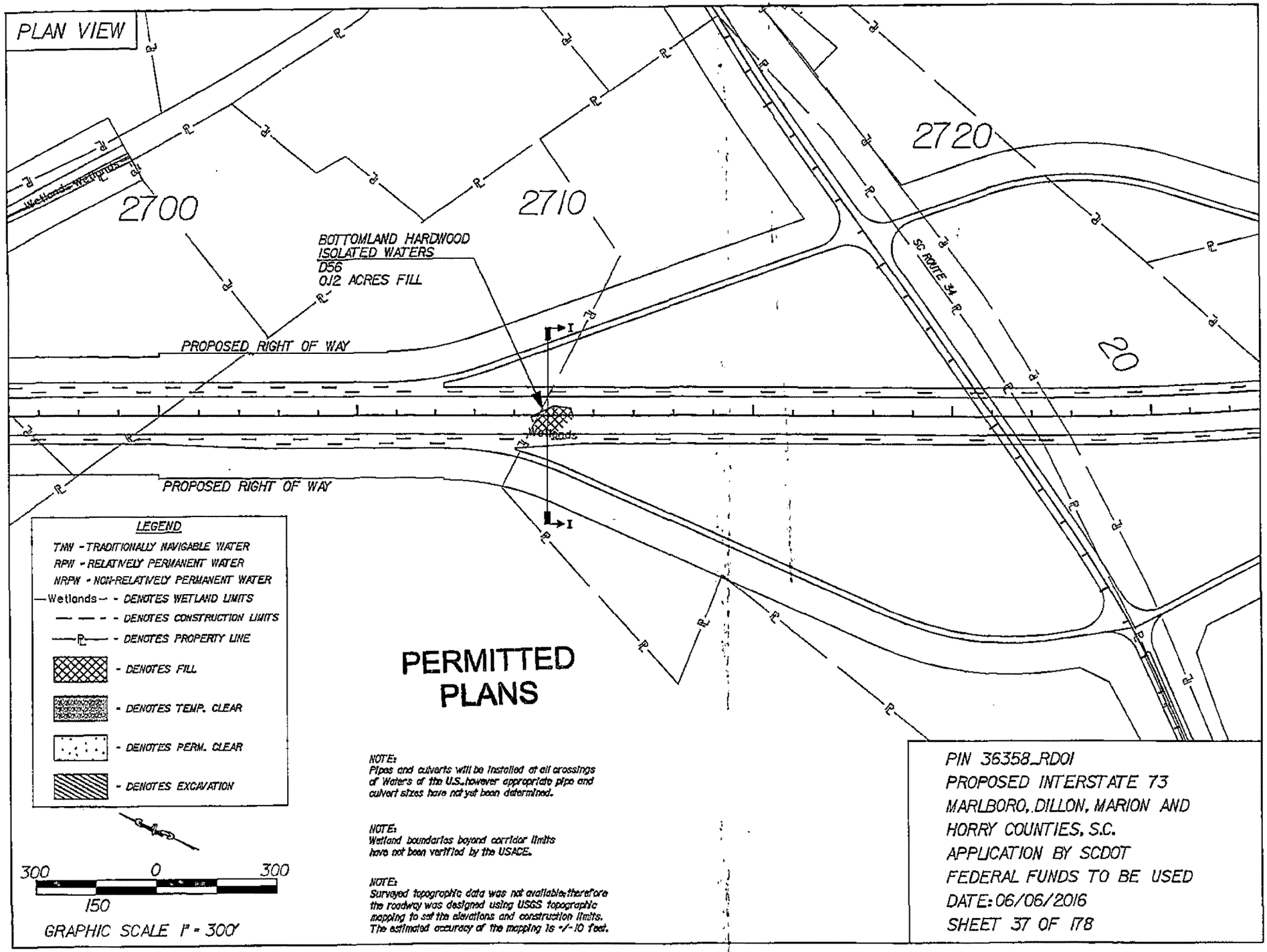
- DENOTES EXCAVATION

PERMITTED PLANS

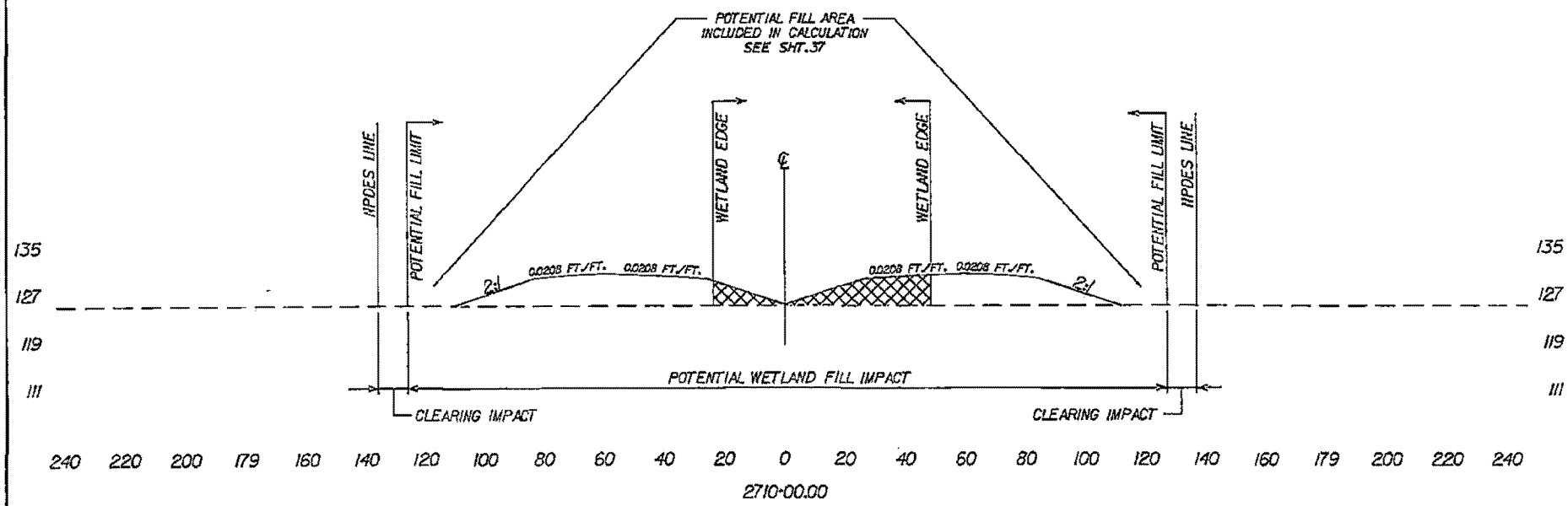
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 36 OF 178


PLAN VIEW
2700
2710
2720
20
Wetlands-Wetlands
BOTTOMLAND HARDWOOD
ISOLATED WATERS
D56
0.12 ACRES FILL
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
SC ROUTE 34
Wetlands
I
I
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — - DENOTES CONSTRUCTION LIMITS
—PL— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 37 OF 178

CROSS SECTION



SECTION 1-1

- - - - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

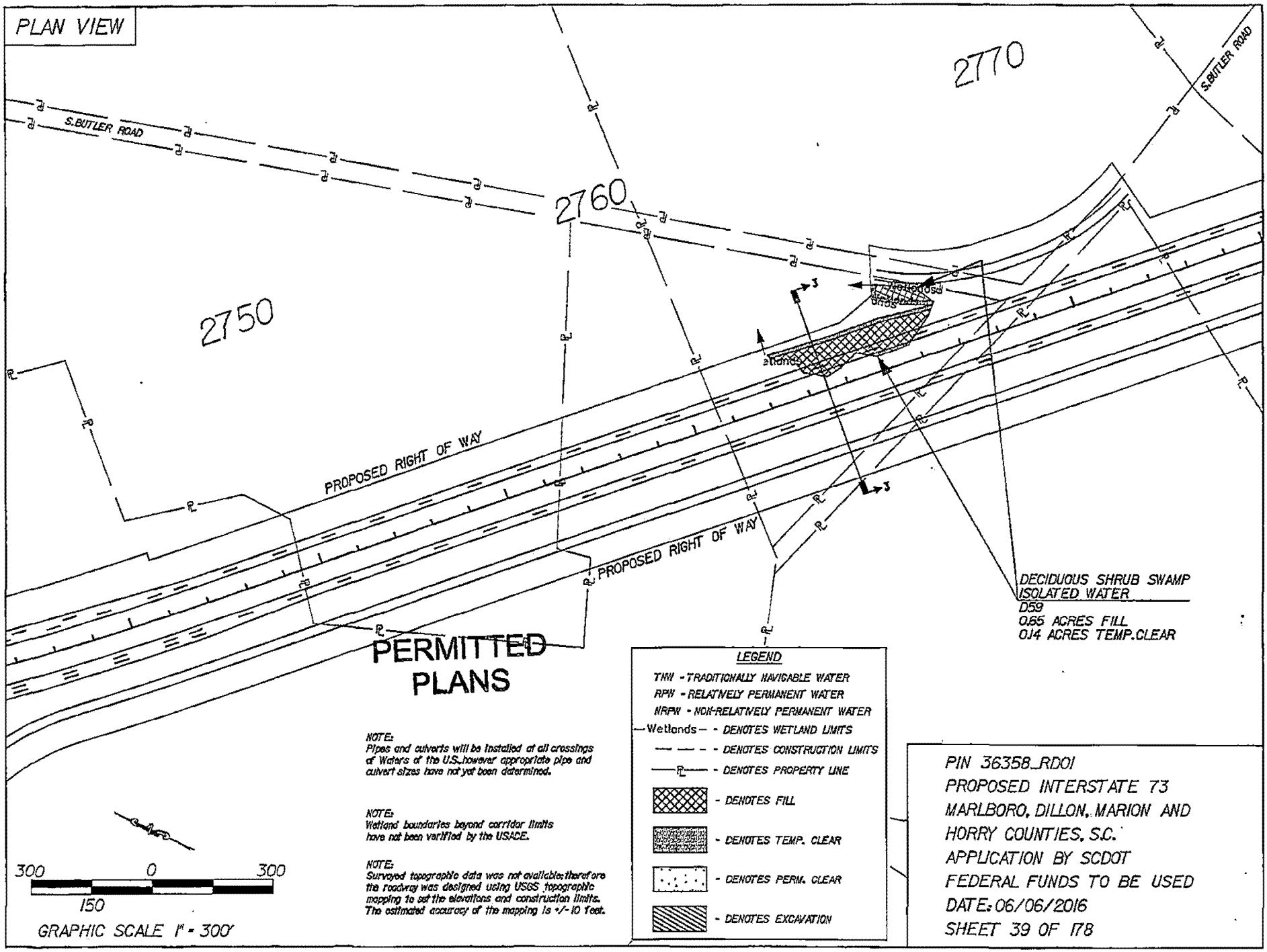
▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

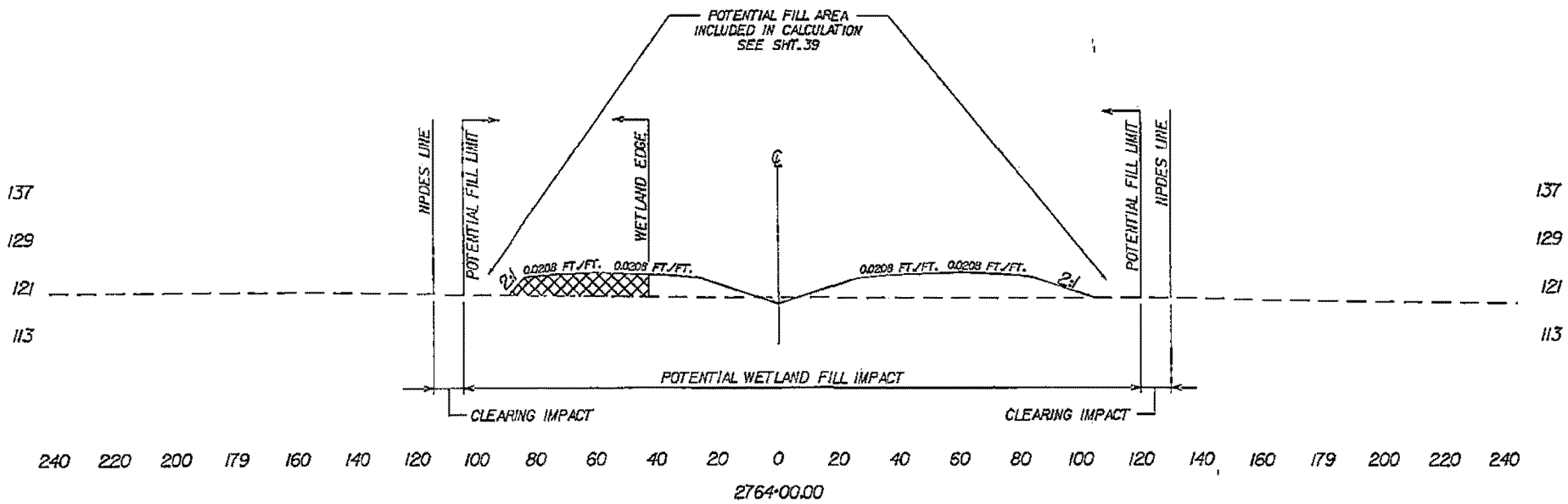
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 38 OF 178


PLAN VIEW
S.BUTLER ROAD
S.BUTLER ROAD
2770
2760
2750
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
DECIDUOUS SHRUB SWAMP
ISOLATED WATER
D59
0.65 ACRES FILL
0.14 ACRES TEMP.CLEAR
PERMITTED PLANS
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S.,however appropriate pipe and culvert sizes have not yet been determined.
NOTE:
Wetland boundaries beyond corridor limits have not been varified by the USACE.
NOTE:
Surveyed topographic data was not available;therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 39 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION J-J

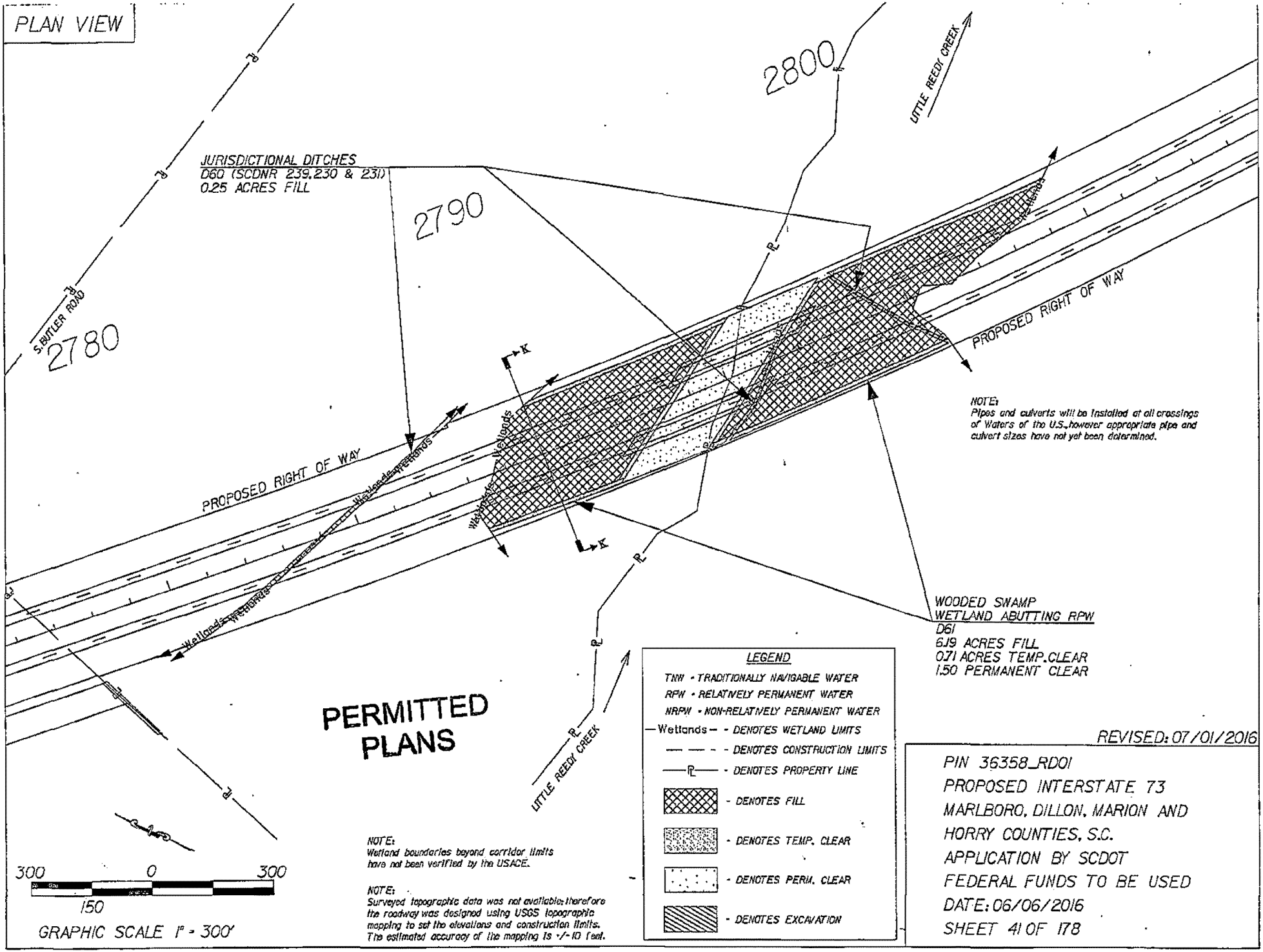
- - - - DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

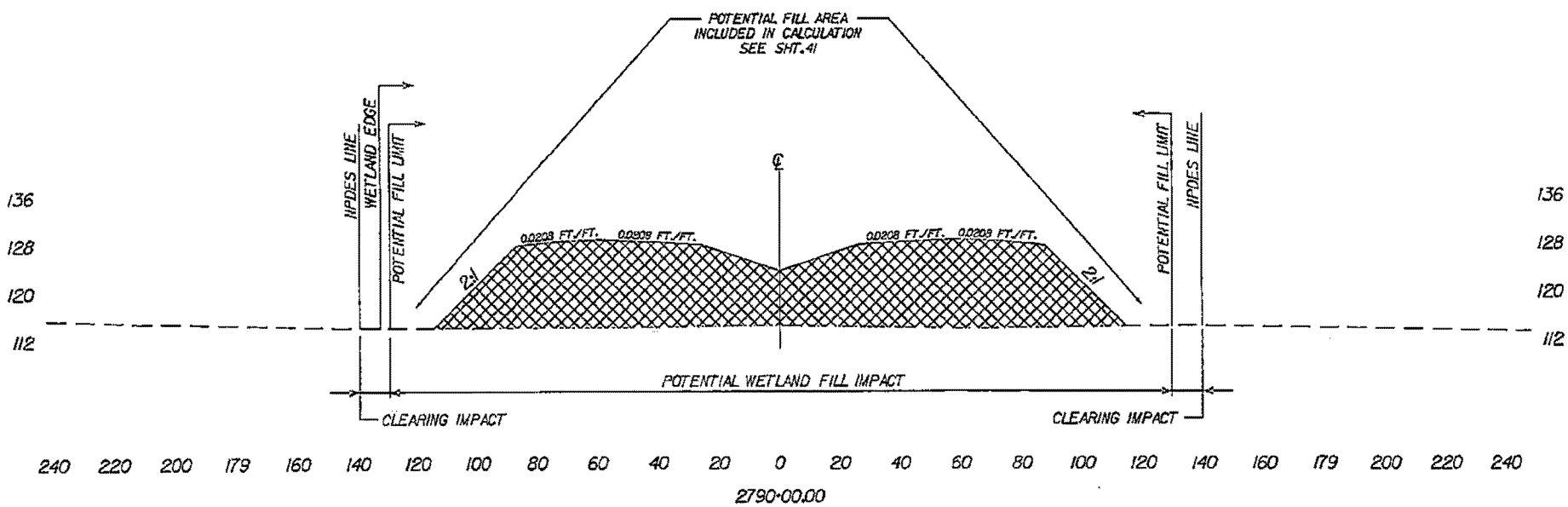
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 40 OF 178


PLAN VIEW
JURISDICTIONAL DITCHES
D60 (SCDNR 239,230 & 231)
0.25 ACRES FILL
2790
2800
2780
S.BUTLER ROAD
LITTLE REEDY CREEK
PROPOSED RIGHT OF WAY
Wetlands
K
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S.,however appropriate pipe and culvert sizes have not yet been determined.
WOODED SWAMP
WETLAND ABUTTING RPW
D61
6.19 ACRES FILL
0.71 ACRES TEMP.CLEAR
1.50 PERMANENT CLEAR
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 41 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION K-K

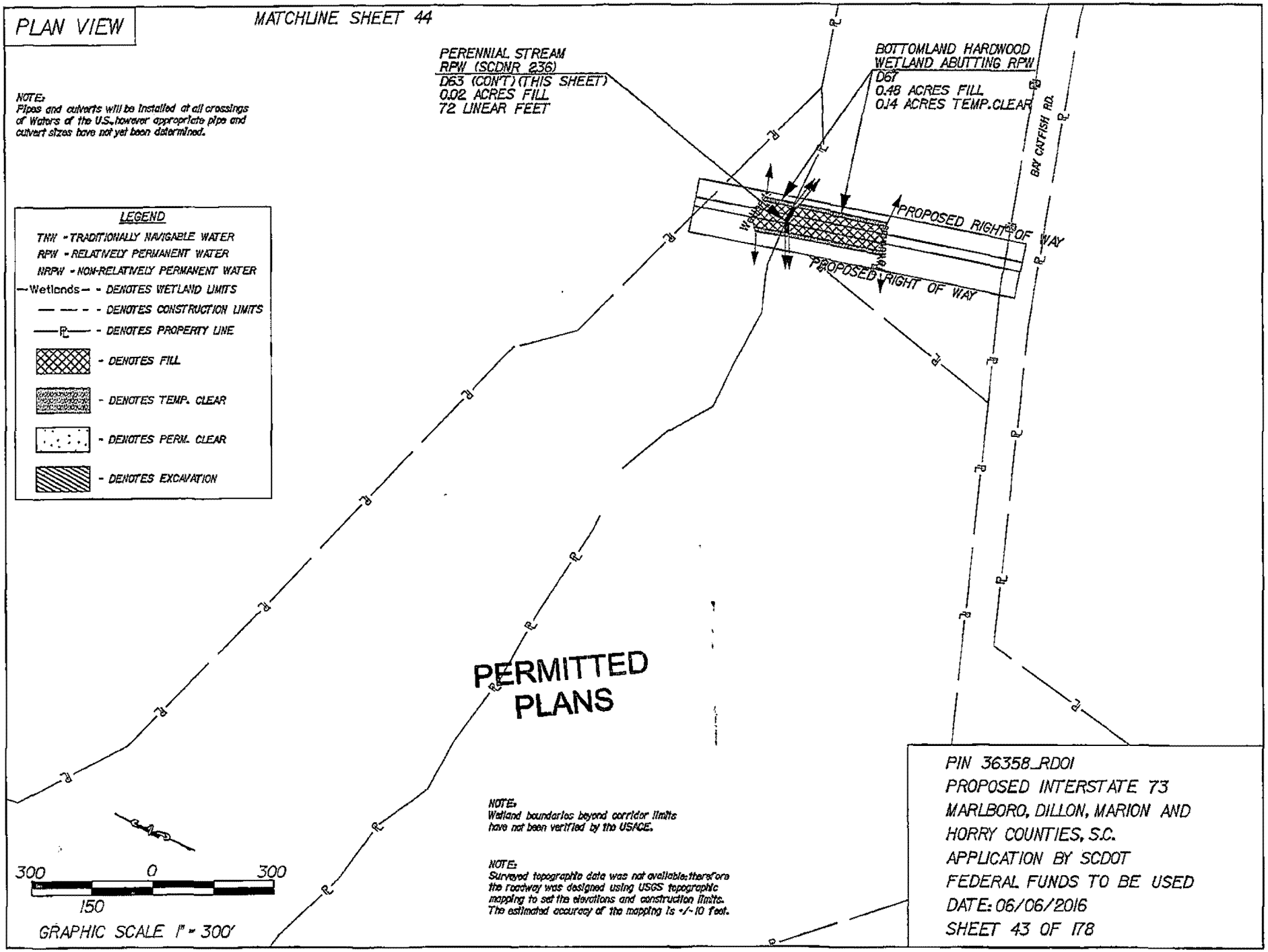
- - - - DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

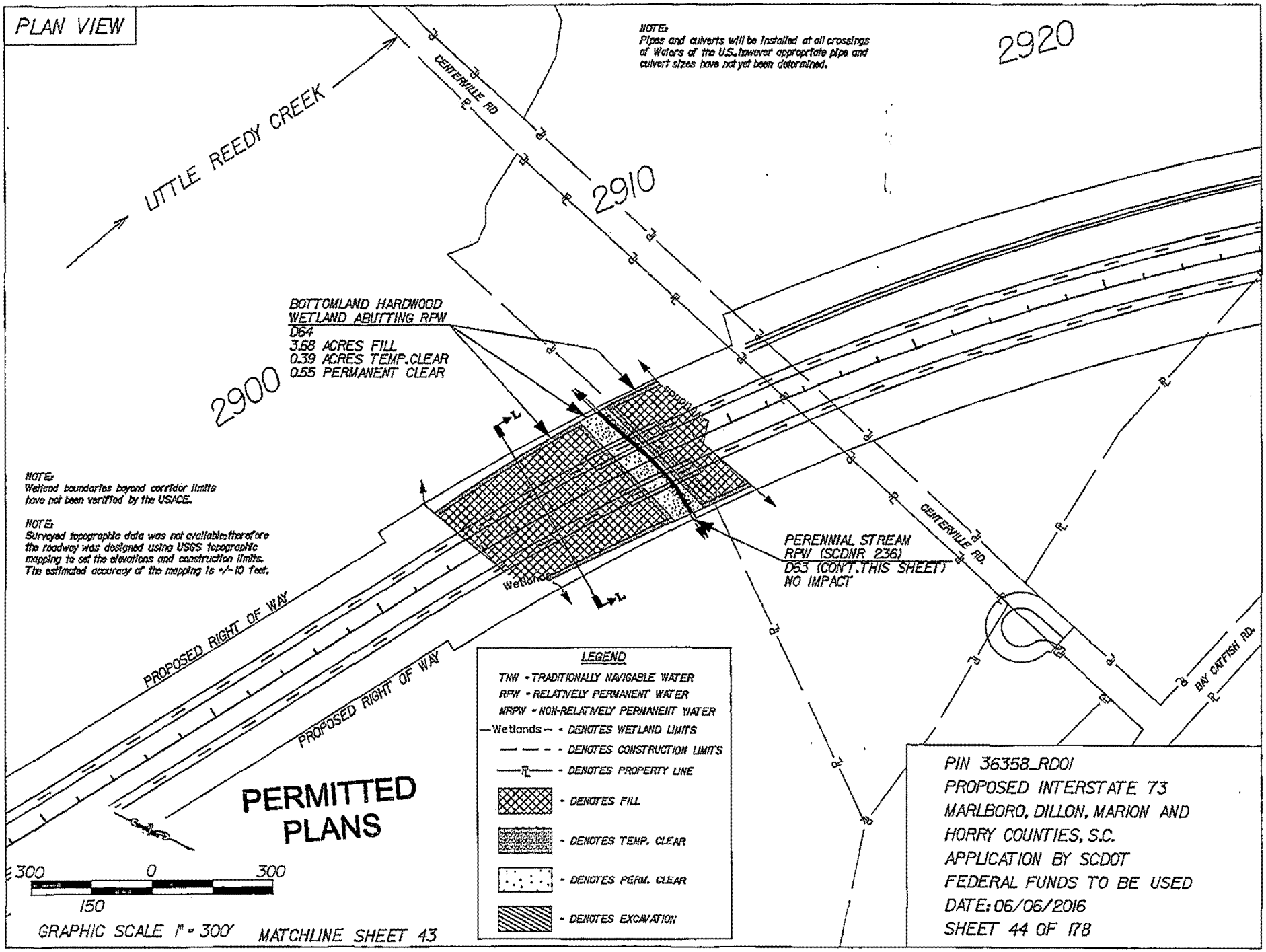
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

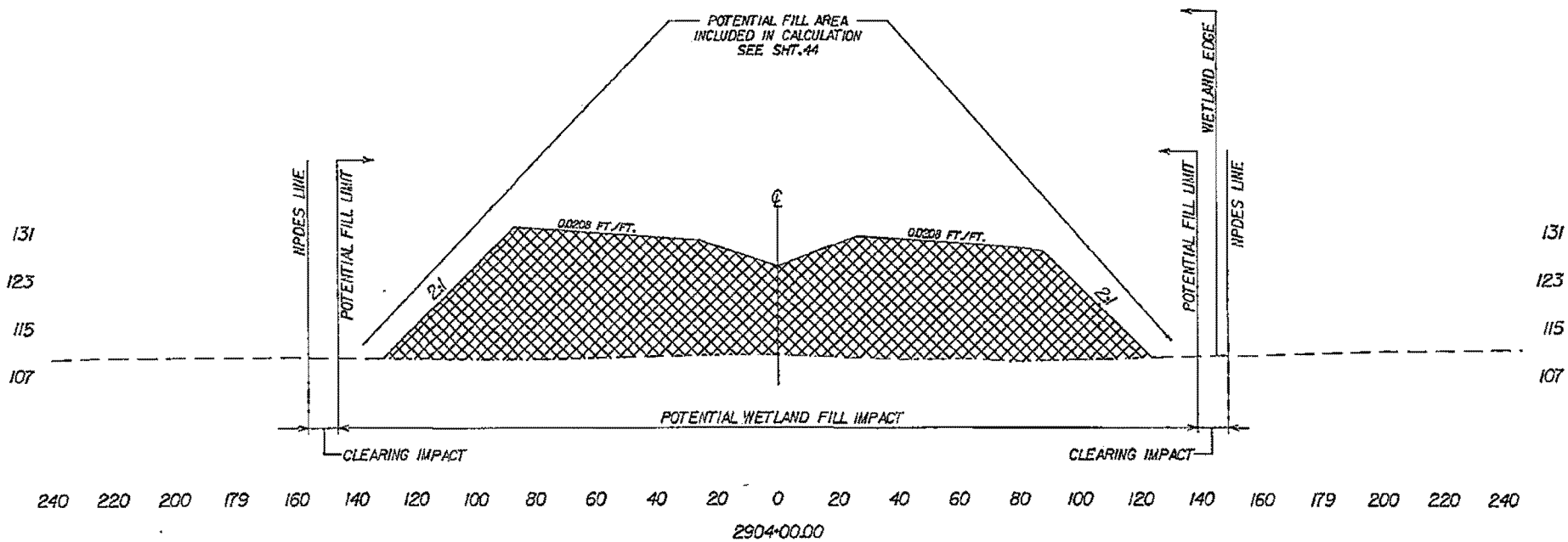
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 42 OF 178


PLAN VIEW
MATCHLINE SHEET 44
PERENNIAL STREAM
RPW (SCDNR 236)
D63 (CON'T) (THIS SHEET)
0.02 ACRES FILL
72 LINEAR FEET
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
D67
0.48 ACRES FILL
0.14 ACRES TEMP.CLEAR
BAY CATFISH RD.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/-10 feet.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 43 OF 178


PLAN VIEW
NOTE:
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.
2920
LITTLE REEDY CREEK
CENTERVILLE RD
2910
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
D64
3.68 ACRES FILL
0.39 ACRES TEMP.CLEAR
0.55 PERMANENT CLEAR
2900
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
PERENNIAL STREAM
RPW (SCDNR 236)
D63 (CON'T.THIS SHEET)
NO IMPACT
CENTERVILLE RD.
BAY CATFISH RD.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
MATCHLINE SHEET 43
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 44 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION L-L

- - - - DENOTES EXISTING GROUND LINE

- DENOTES FILL

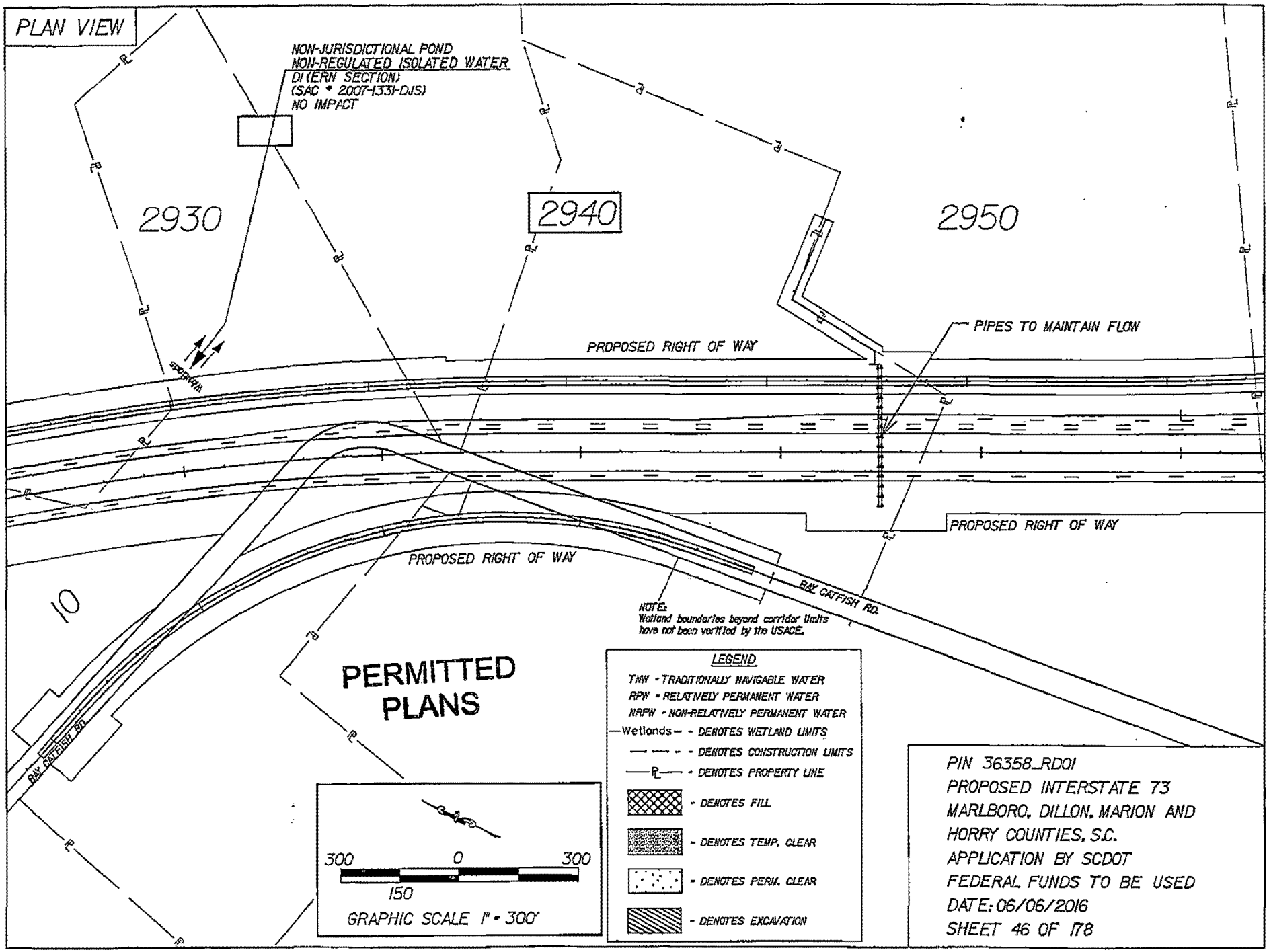
- DENOTES EXCAVATION

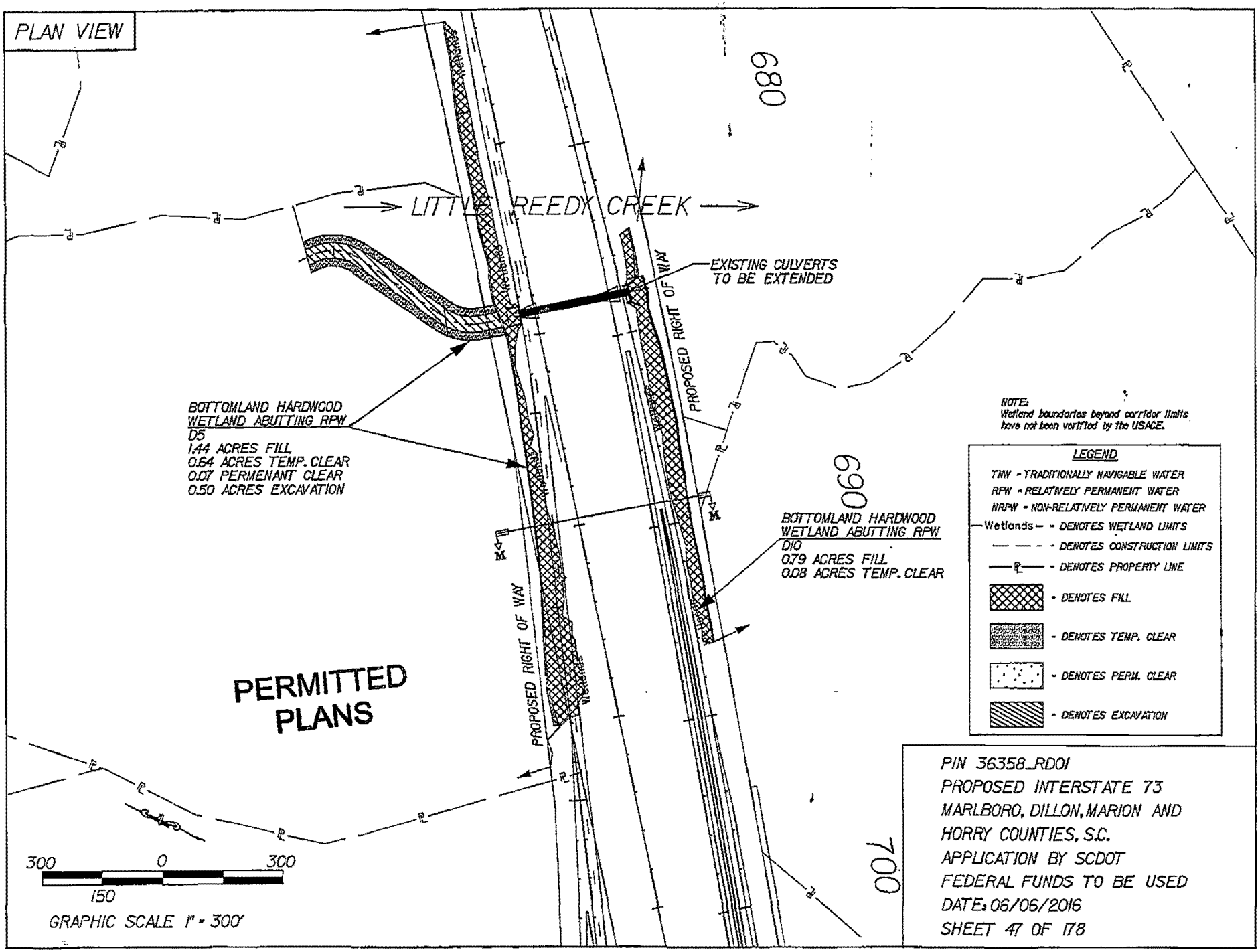
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

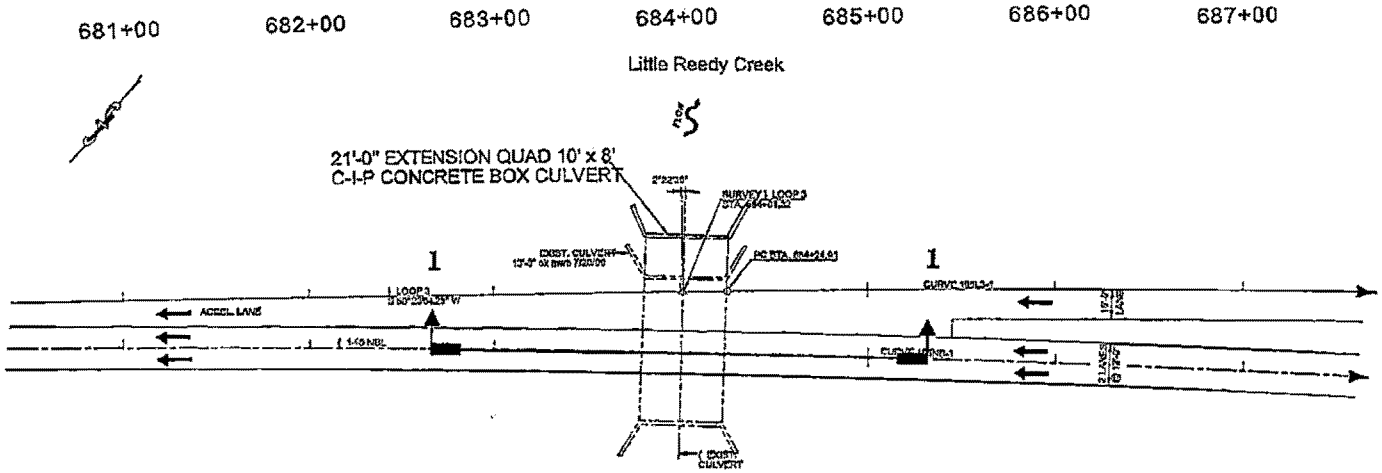
NOTE:
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 45 OF 178

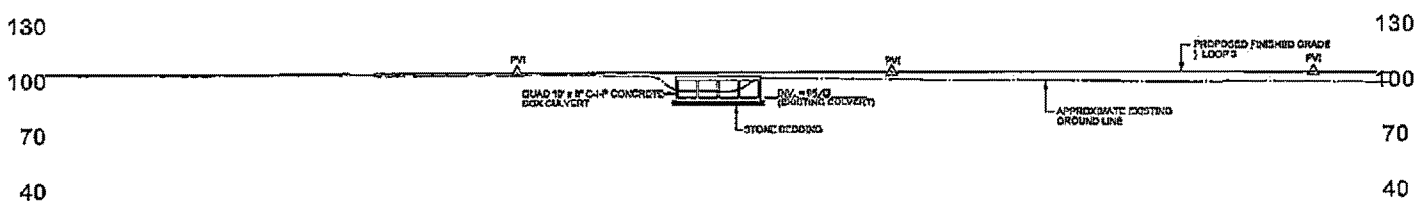

PLAN VIEW
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
DI (ERN SECTION)
(SAC # 2007-1331-DJS)
NO IMPACT
2930
2940
2950
PIPES TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
BAY CATFISH RD.
BAY CATFISH RD.
10
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 46 OF 178


PLAN VIEW
LITTLE REEDY CREEK
680
690
700
EXISTING CULVERTS TO BE EXTENDED
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
D5
1.44 ACRES FILL
0.64 ACRES TEMP. CLEAR
0.07 PERMENANT CLEAR
0.50 ACRES EXCAVATION
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
D10
0.79 ACRES FILL
0.08 ACRES TEMP. CLEAR
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 47 OF 178

PLAN & PROFILE VIEW



PLAN



PROFILE
1 - 1

682+00 685+00

HYDROLOGY DATA

D.A. = 22.34 SQ. MI.
Q_{50} = 1799 CFS
AREA FURNISHED UNDER EL. 102.69 = 290 S.F.
V_{50} = 7.90 FT/SEC.
Q_{100} = 2215 CFS
AREA FURNISHED UNDER EL. 103.76 = 320 S.F.
V_{100} = 9.00 FT/SEC.
$BACKWATER_{100}$ = 2.00'

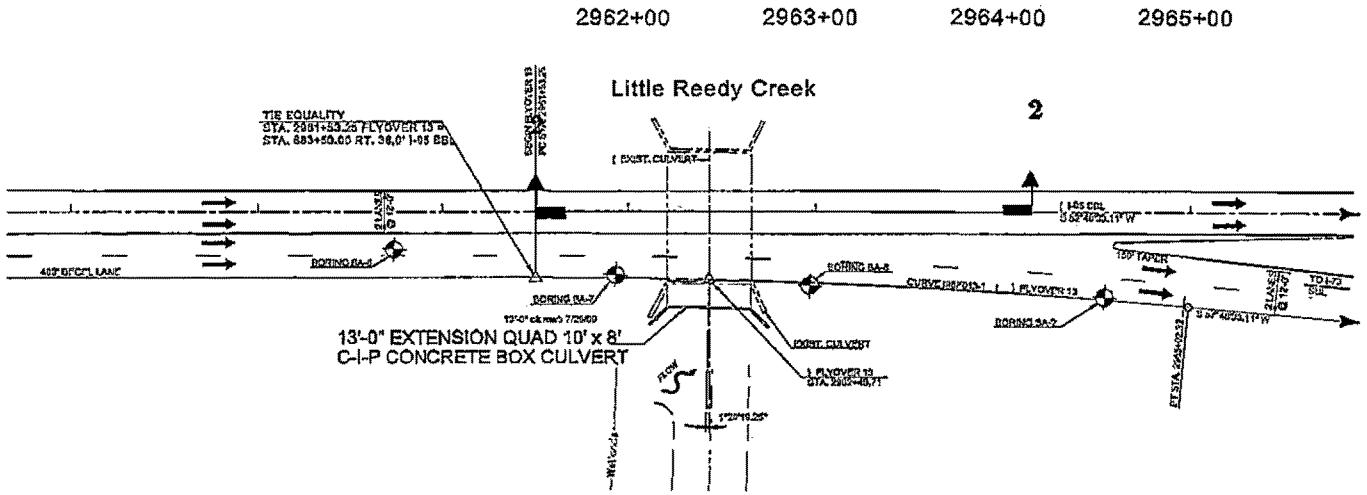
OVERTOPPING FLOOD

Q > 3376 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02

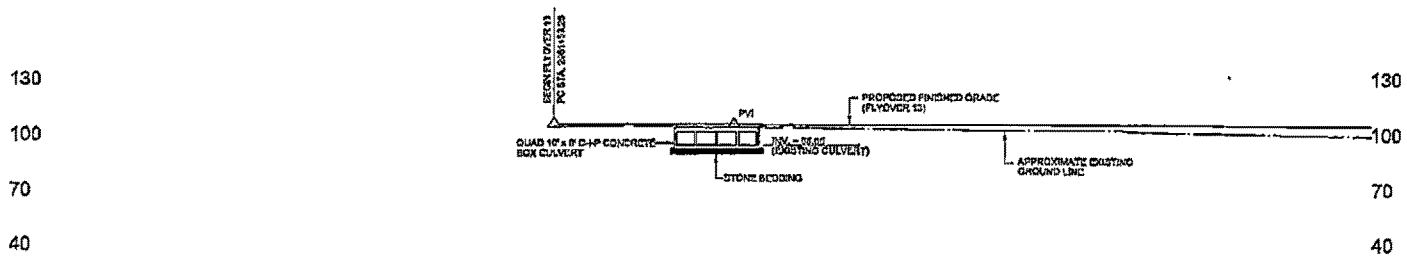
PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 47A OF 178

PLAN & PROFILE VIEW



PLAN



HYDROLOGY DATA

D.A. = 22.34 SQ. MI.
Q_{50} = 1799 CFS
AREA FURNISHED UNDER EL. 102.89 = 290 S.F.
V_{50} = 7.90 FT/SEC.
Q_{100} = 2215 CFS
AREA FURNISHED UNDER EL. 103.76 = 320 S.F.
V_{100} = 9.00 FT/SEC.
$BACKWATER_{100}$ = 2.00'

OVERTOPPING FLOOD

Q > 3376 CFS (500-YR. DISCHARGE)

PROBABILITY < 0.02

2962+00 2965+00

PROFILE

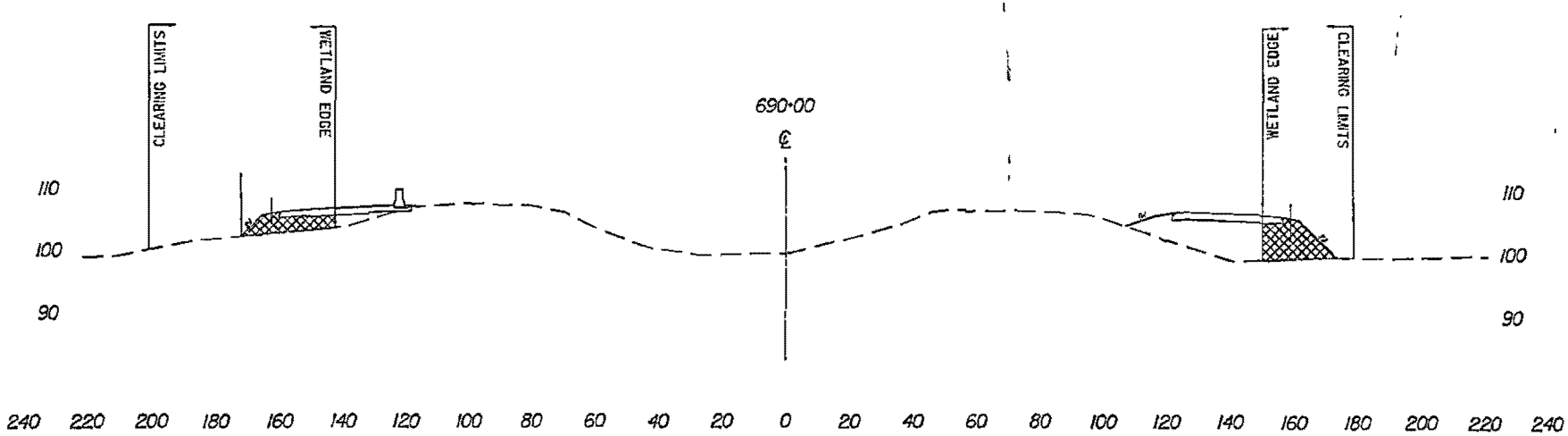
2 - 2

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 47B OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION M-M

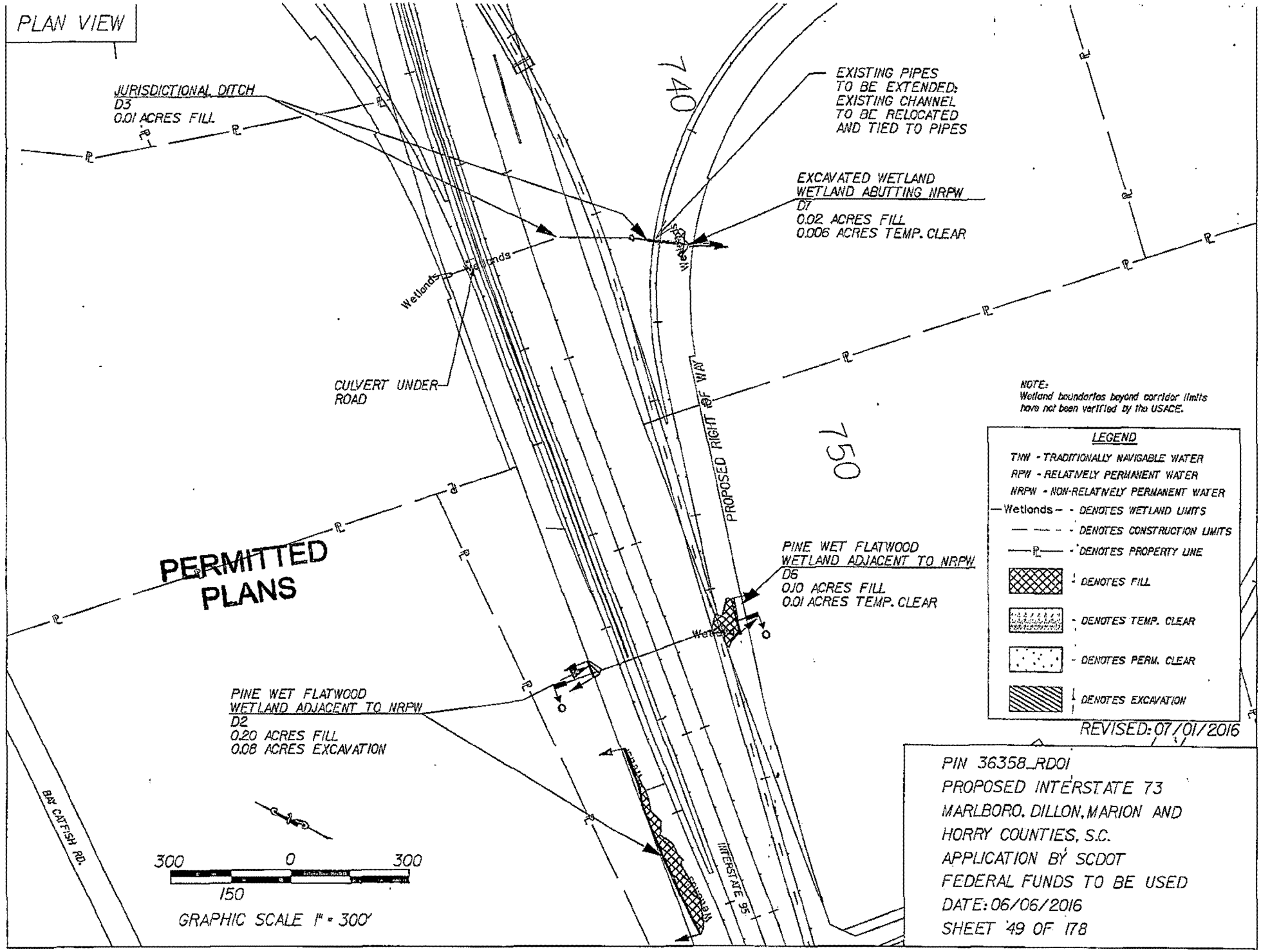
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

100 0 100
50
GRAPHIC SCALE 1" = 100' HORIZ.

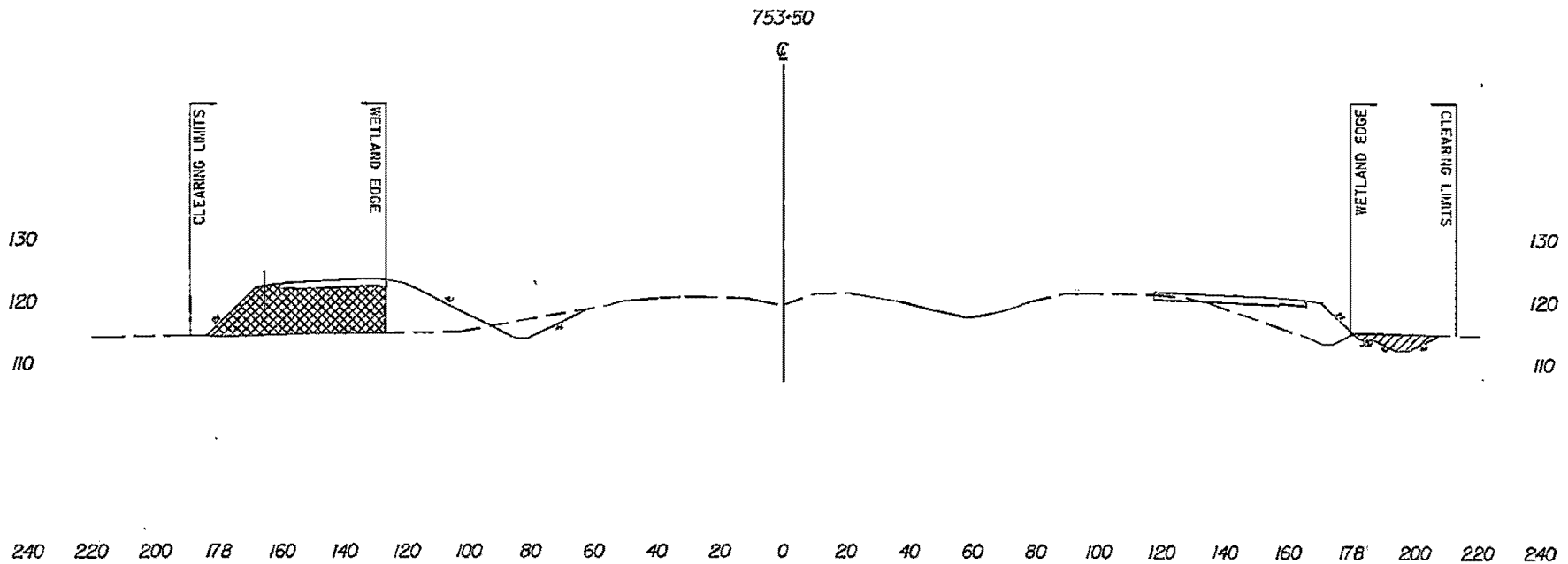
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 48 OF 178


PLAN VIEW
JURISDICTIONAL DITCH
D3
0.01 ACRES FILL
EXISTING PIPES
TO BE EXTENDED:
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO PIPES
EXCAVATED WETLAND
WETLAND ABUTTING NRPW
D7
0.02 ACRES FILL
0.006 ACRES TEMP. CLEAR
740
750
Wetlands
CULVERT UNDER
ROAD
PROPOSED RIGHT OF WAY
PERMITTED
PLANS
PINE WET FLATWOOD
WETLAND ADJACENT TO NRPW
D6
0.10 ACRES FILL
0.01 ACRES TEMP. CLEAR
PINE WET FLATWOOD
WETLAND ADJACENT TO NRPW
D2
0.20 ACRES FILL
0.08 ACRES EXCAVATION
BAY CATFISH RD.
INTERSTATE 95
300 0 300
150
GRAPHIC SCALE 1" = 300'
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 49 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



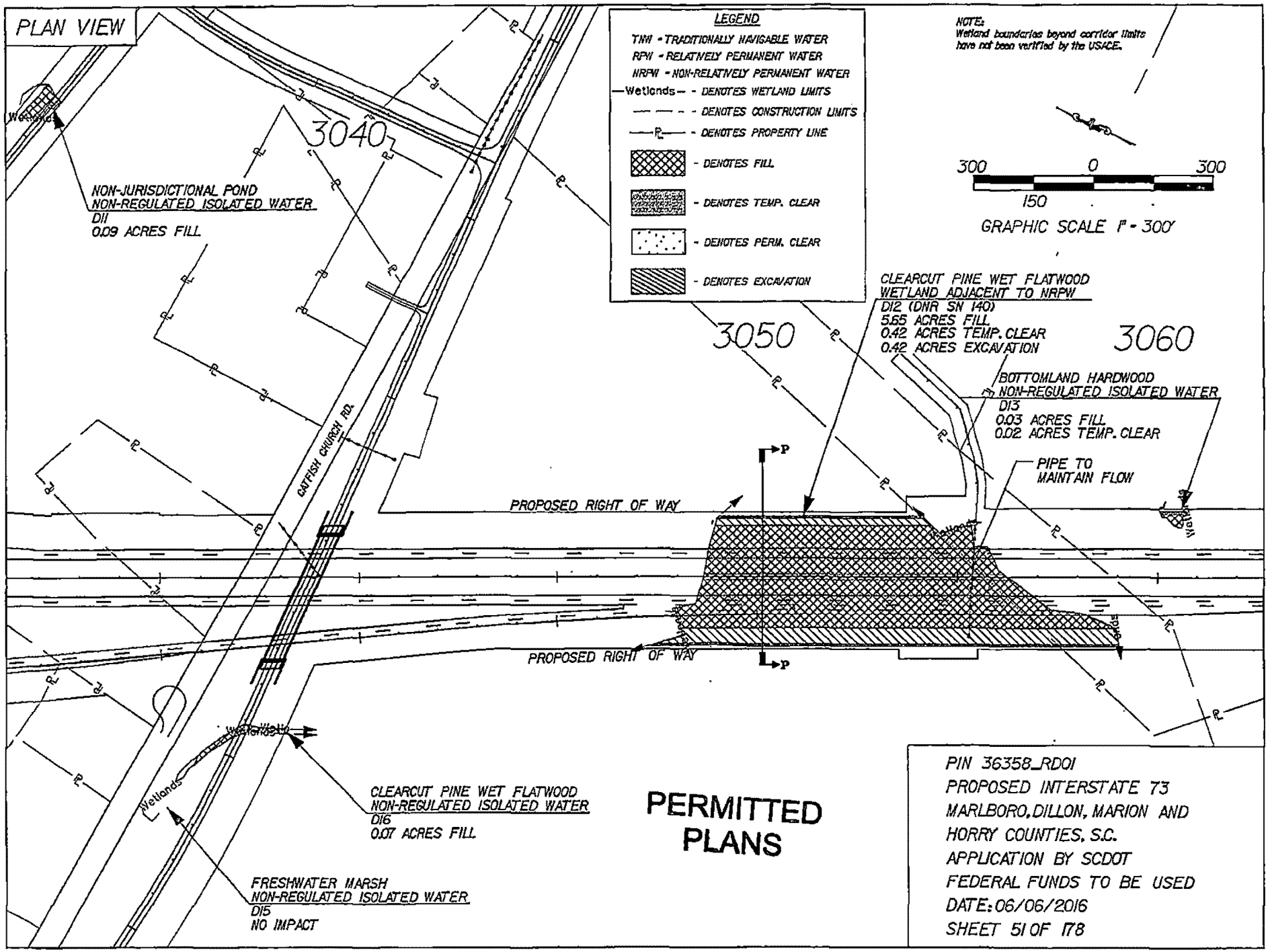
SECTION 0-0

- DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

PERMITTED PLANS

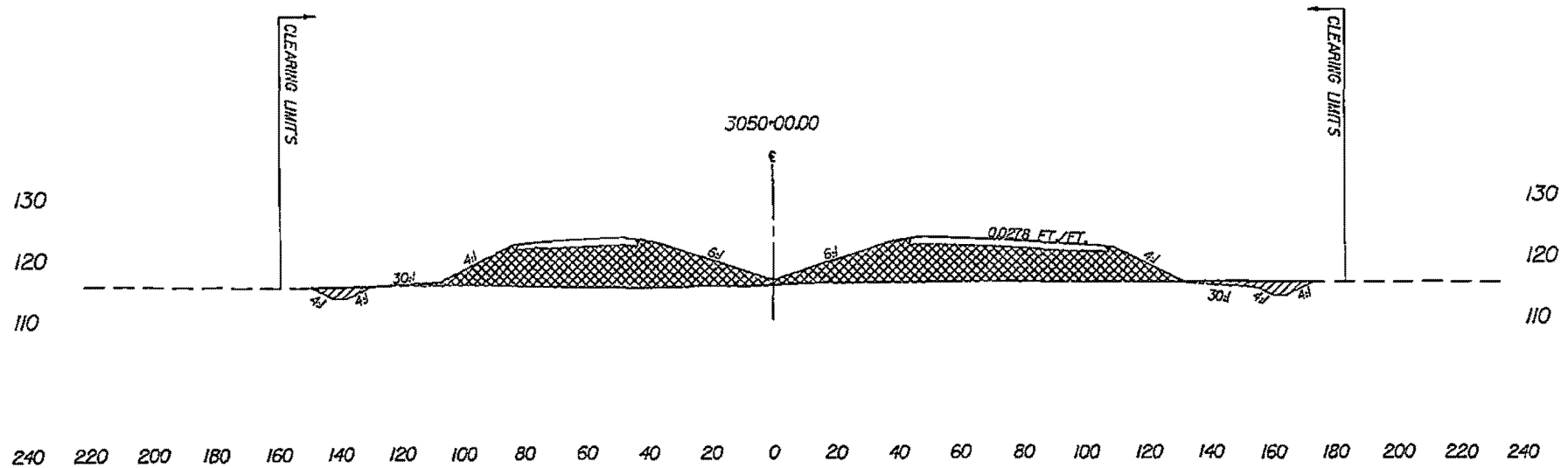
100 0 100
50
GRAPHIC SCALE 1" = 100' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 50 OF 178


PLAN VIEW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
300 0 300
150
GRAPHIC SCALE 1" - 300'
3040
3050
3060
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
D11
0.09 ACRES FILL
CLEARCUT PINE WET FLATWOOD
WETLAND ADJACENT TO NRPW
D12 (DNR SN 140)
5.65 ACRES FILL
0.42 ACRES TEMP. CLEAR
0.42 ACRES EXCAVATION
BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
D13
0.03 ACRES FILL
0.02 ACRES TEMP. CLEAR
PIPE TO
MAINTAIN FLOW
CATFISH CHURCH RD.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
CLEARCUT PINE WET FLATWOOD
NON-REGULATED ISOLATED WATER
D16
0.07 ACRES FILL
FRESHWATER MARSH
NON-REGULATED ISOLATED WATER
D15
NO IMPACT
PERMITTED
PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 51 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION P-P

— — - DENOTES EXISTING GROUND LINE

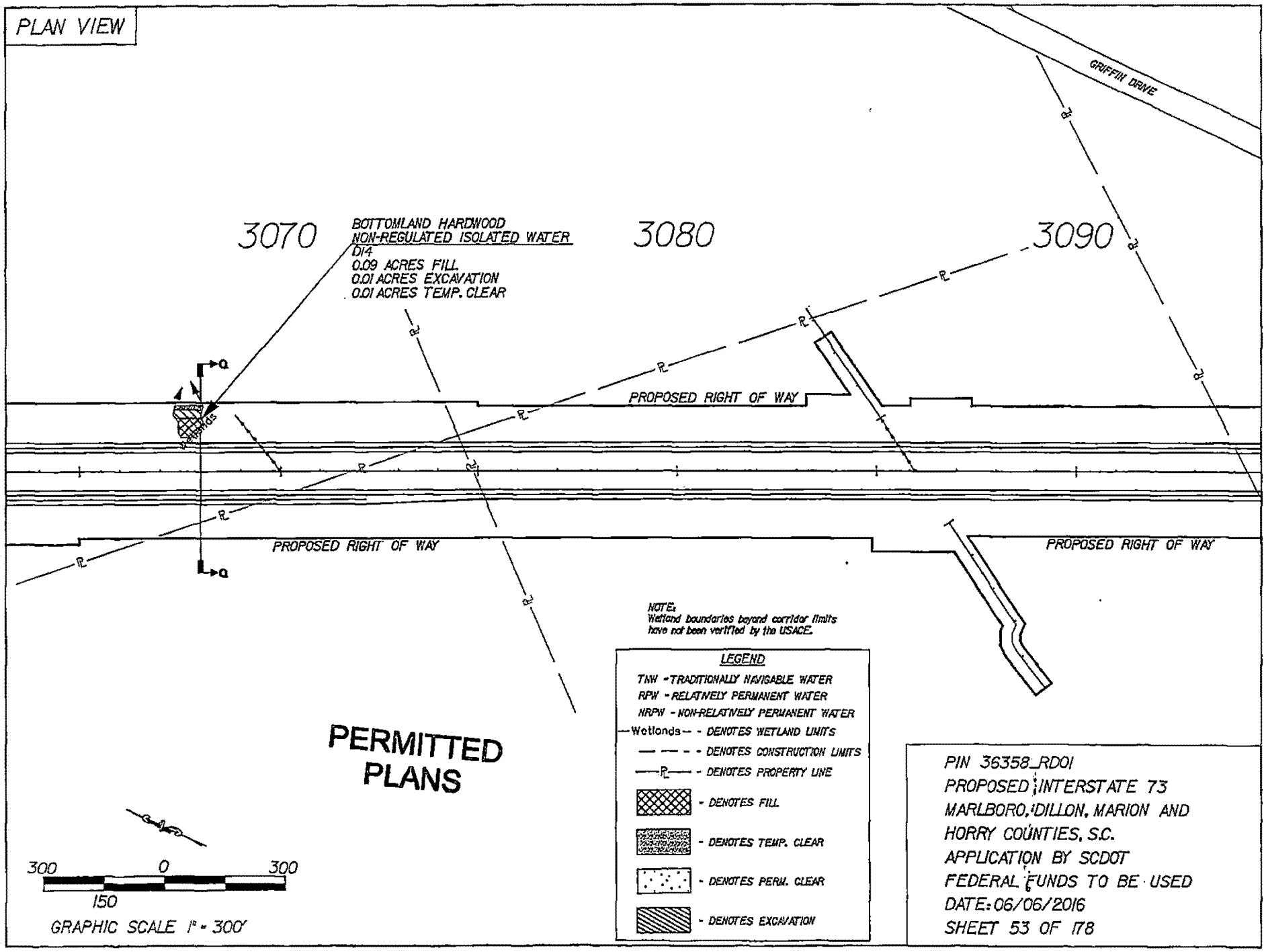
- DENOTES FILL

- DENOTES EXCAVATION

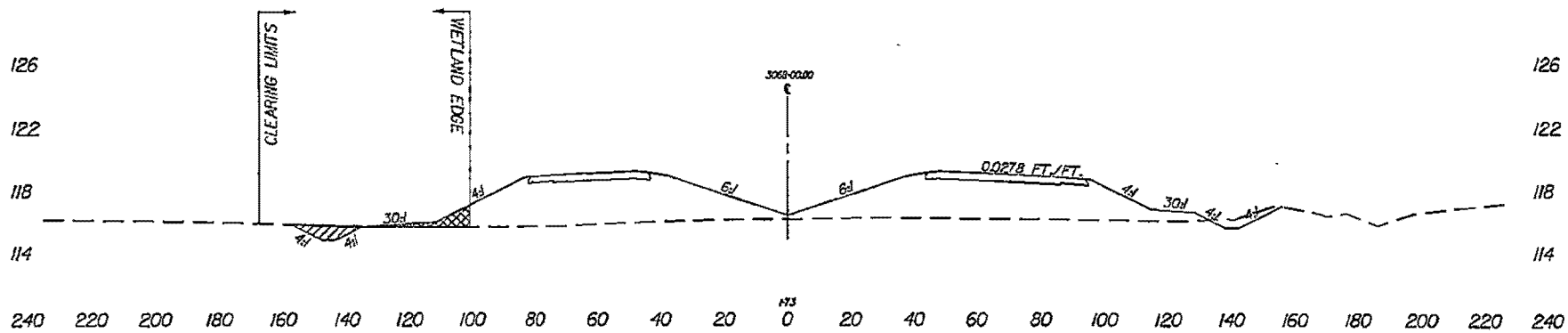
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 52 OF 178


PLAN VIEW
GRIFFIN DRIVE
3070
BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
D14
0.09 ACRES FILL
0.01 ACRES EXCAVATION
0.01 ACRES TEMP. CLEAR
3080
3090
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 53 OF 178

CROSS SECTION



SECTION Q-Q

- - - - DENOTES EXISTING GROUND LINE

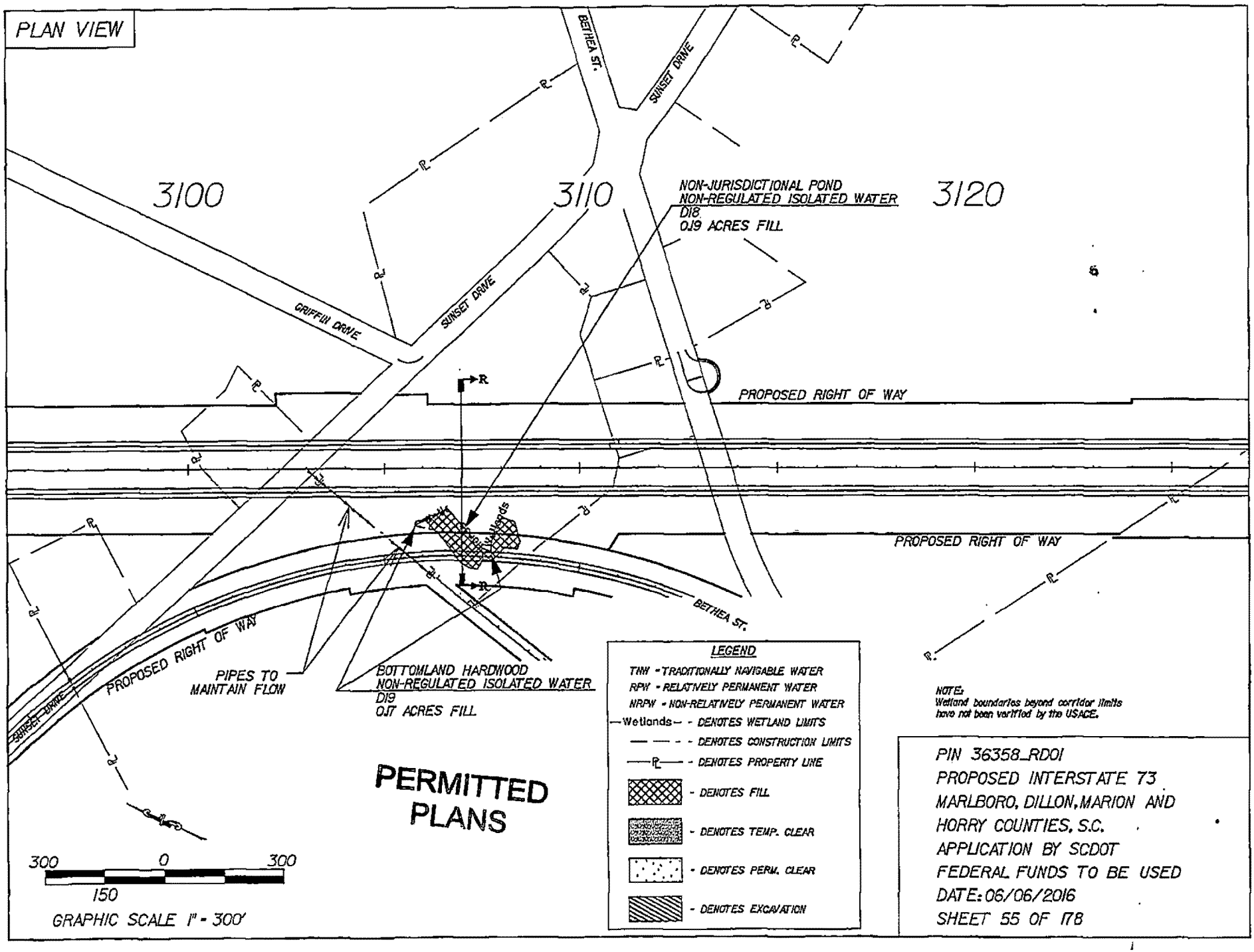
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

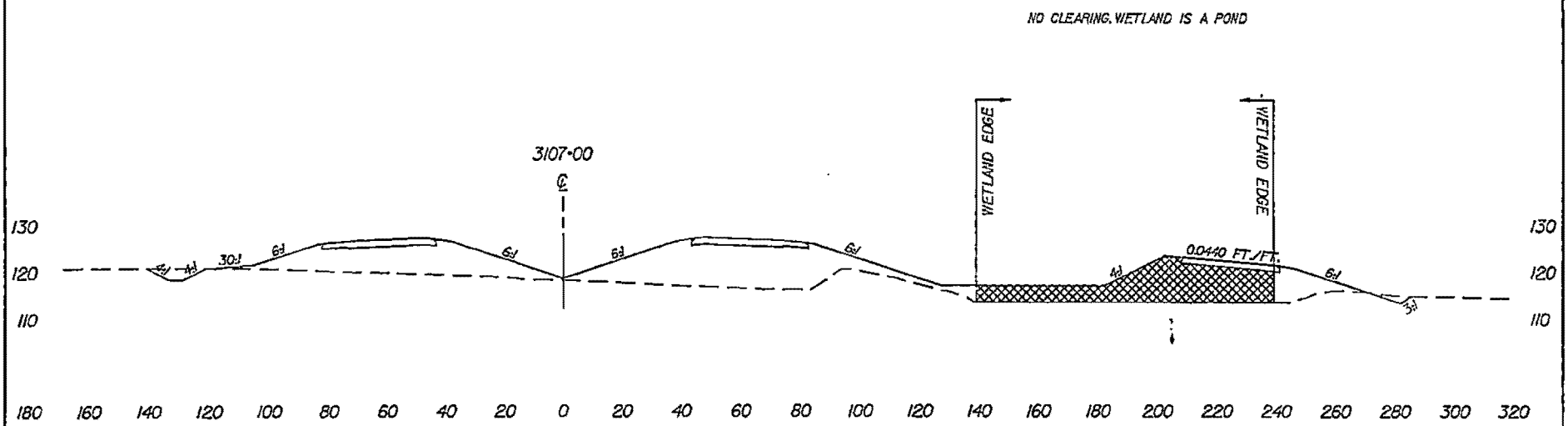
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 54 OF 178


PLAN VIEW
3100
3110
3120
BETHEA ST.
SUNSET DRIVE
GRIFFIN DRIVE
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
D18
0.19 ACRES FILL
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
BETHEA ST.
PIPES TO MAINTAIN FLOW
BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
D19
0.17 ACRES FILL
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 55 OF 178
300 0 300
150
GRAPHIC SCALE 1" = 300'

CROSS SECTION



I-73

SECTION R-R

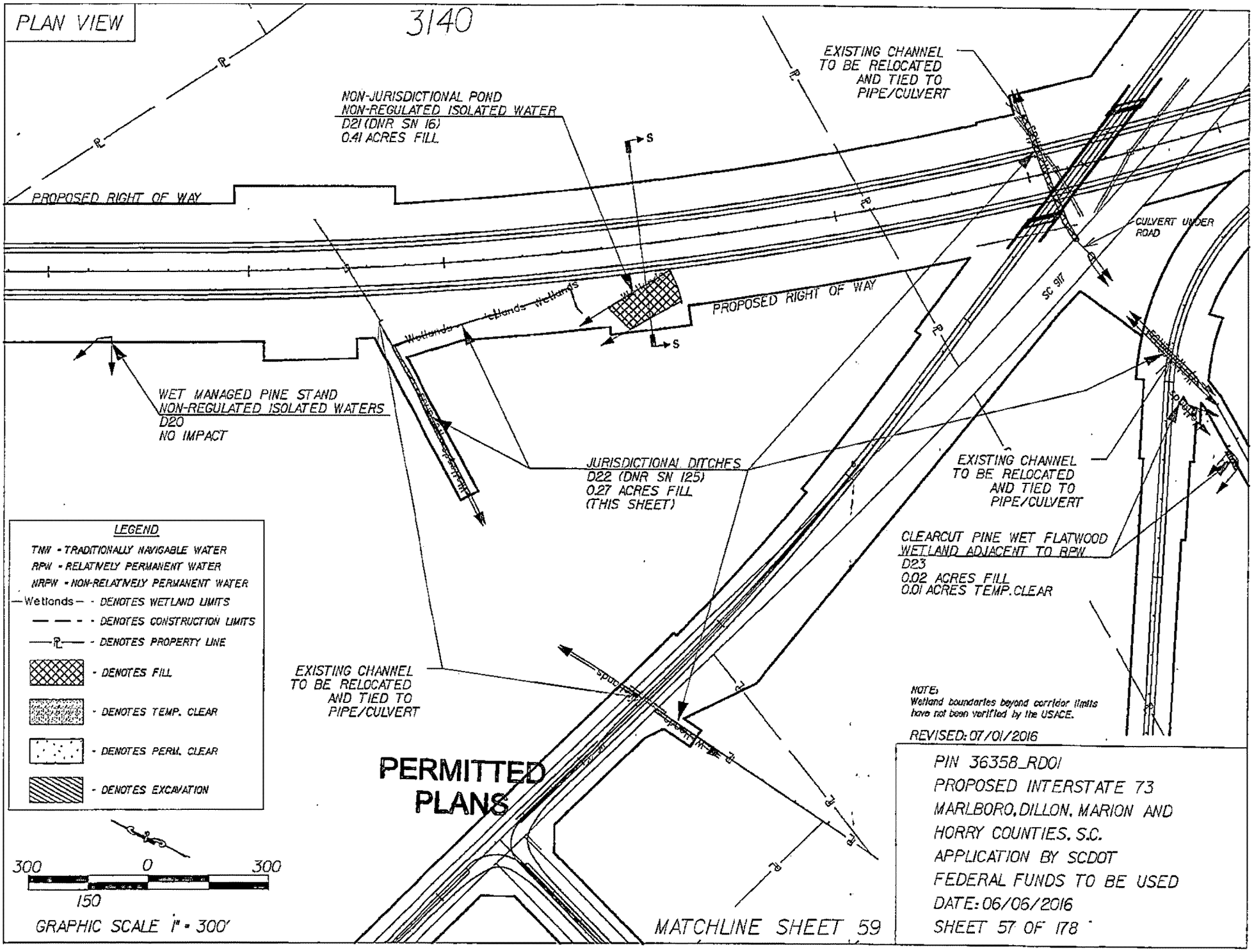
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

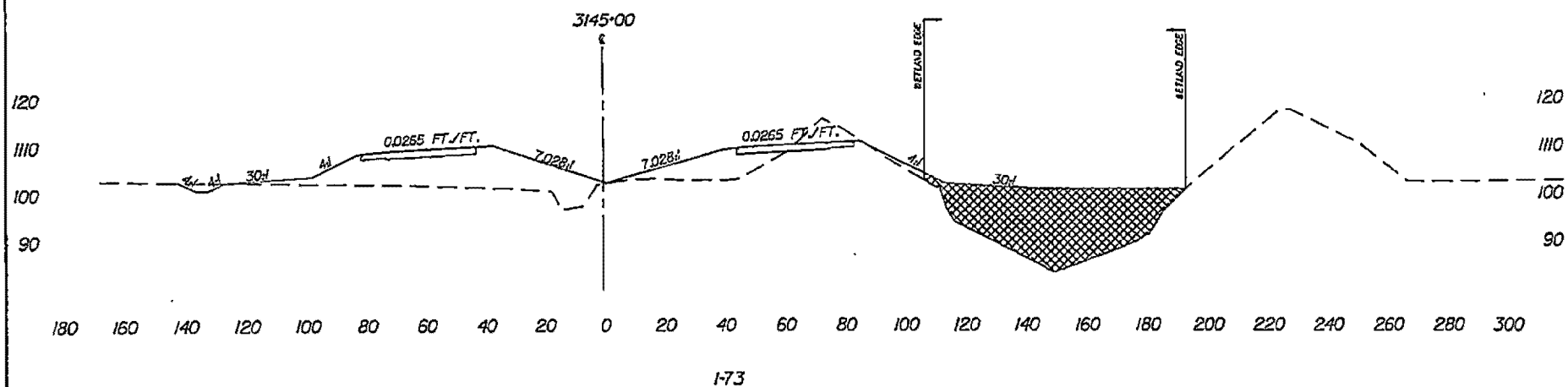
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 56 OF 178


PLAN VIEW
3140
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
D21 (DNR SN 16)
0.41 ACRES FILL
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PROPOSED RIGHT OF WAY
CULVERT UNDER
ROAD
PROPOSED RIGHT OF WAY
WET MANAGED PINE STAND
NON-REGULATED ISOLATED WATERS
D20
NO IMPACT
JURISDICTIONAL DITCHES
D22 (DNR SN 125)
0.27 ACRES FILL
(THIS SHEET)
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
CLEARCUT PINE WET FLATWOOD
WETLAND ADJACENT TO RPW
D23
0.02 ACRES FILL
0.01 ACRES TEMP. CLEAR
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 57 OF 178
MATCHLINE SHEET 59

CROSS SECTION

NO CLEARING, WETLAND IS A POND, SEE SHT. 57



SECTION S-S

— — · DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 58 OF 178

PLAN VIEW

MATCHLINE SHEET 57

BETHEA ST.

20

25

30

EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT

JURISDICTIONAL DITCH
D22 (CONTINUED) (DNR SN 125)
0.02 ACRES FILL
(THIS SHEET)

BETHEA ST.

NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.

LEGEND

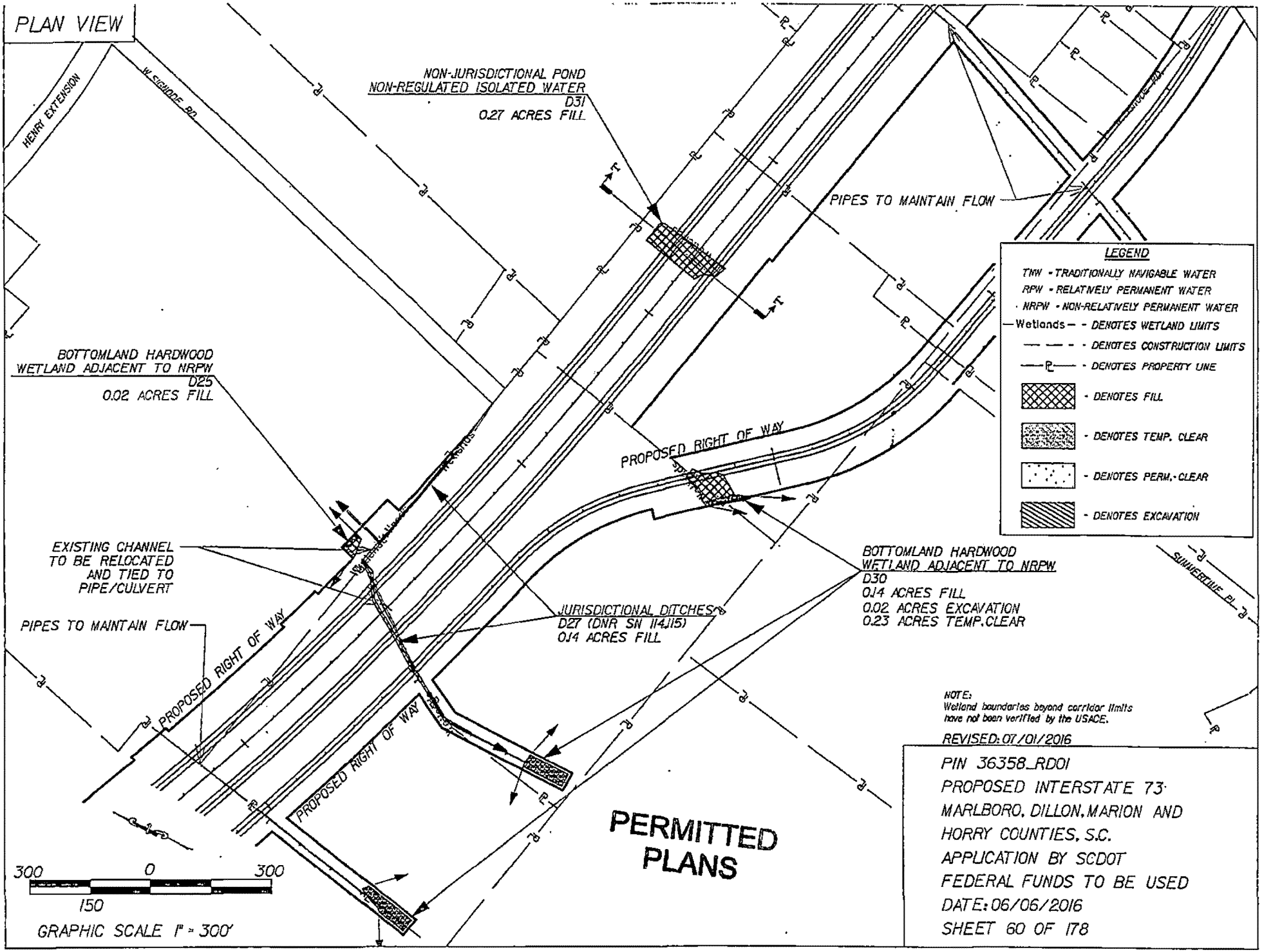
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
— — - - DENOTES CONSTRUCTION LIMITS
—R— - DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION

REVISED: 07/01/2016

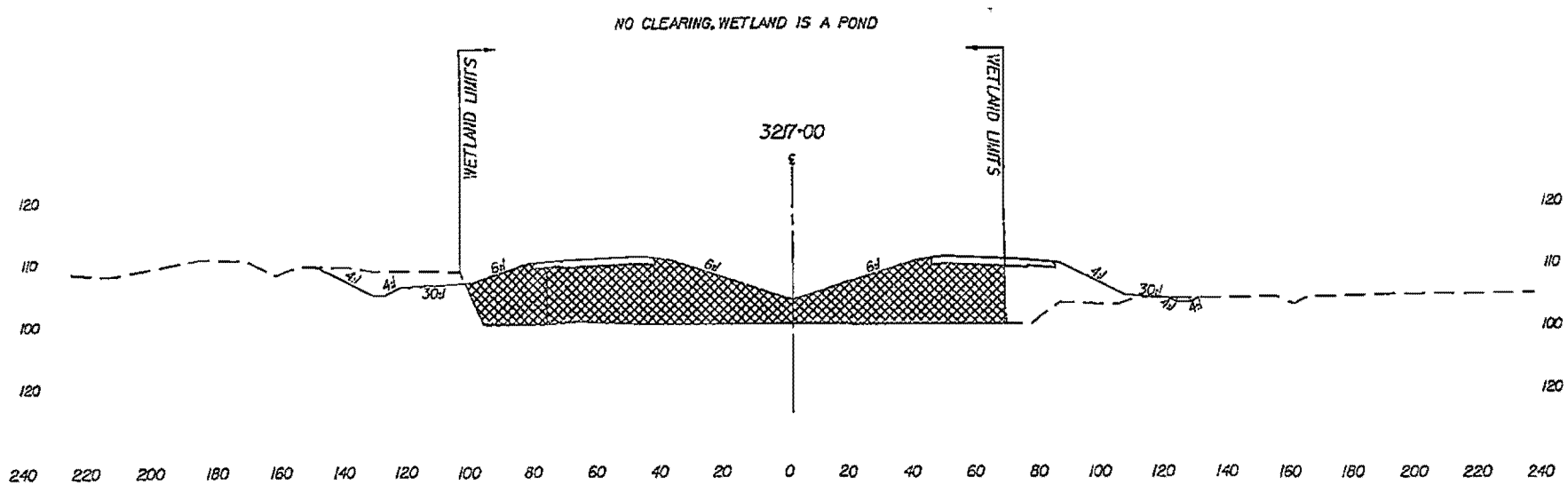
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 59 OF 178

PERMITTED PLANS

300 0 300
150
GRAPHIC SCALE 1" = 300'


PLAN VIEW
HENRY EXTENSION
W SIGNODE RD
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
D31
0.27 ACRES FILL
PIPES TO MAINTAIN FLOW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM.-CLEAR
- DENOTES EXCAVATION
BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
D25
0.02 ACRES FILL
PROPOSED RIGHT OF WAY
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
D30
0.14 ACRES FILL
0.02 ACRES EXCAVATION
0.23 ACRES TEMP.CLEAR
SUMMERTIME PL
JURISDICTIONAL DITCHES
D27 (DNR SN 114,115)
0.14 ACRES FILL
PIPES TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 60 OF 178
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'

CROSS SECTION



SECTION T-T

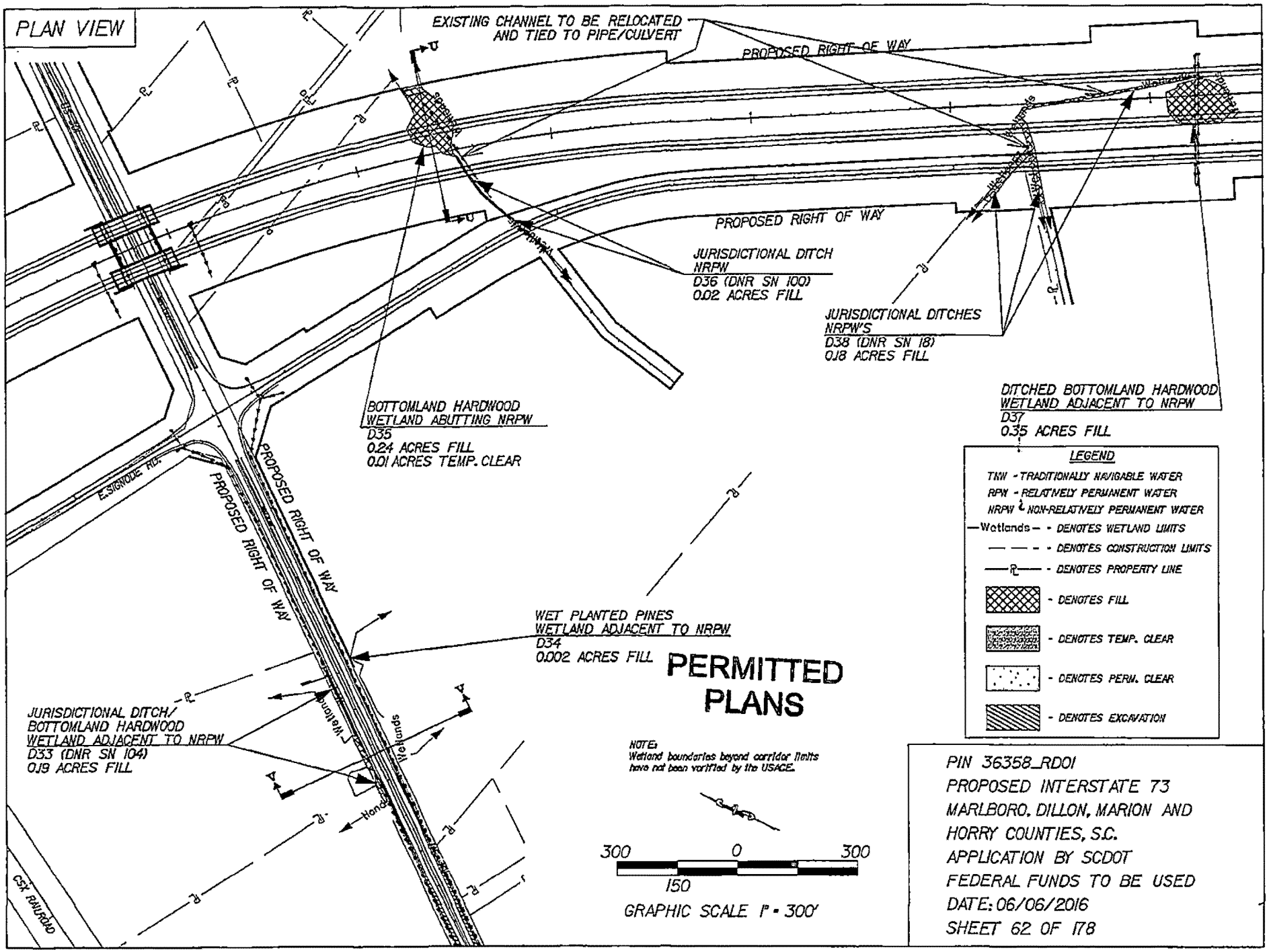
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

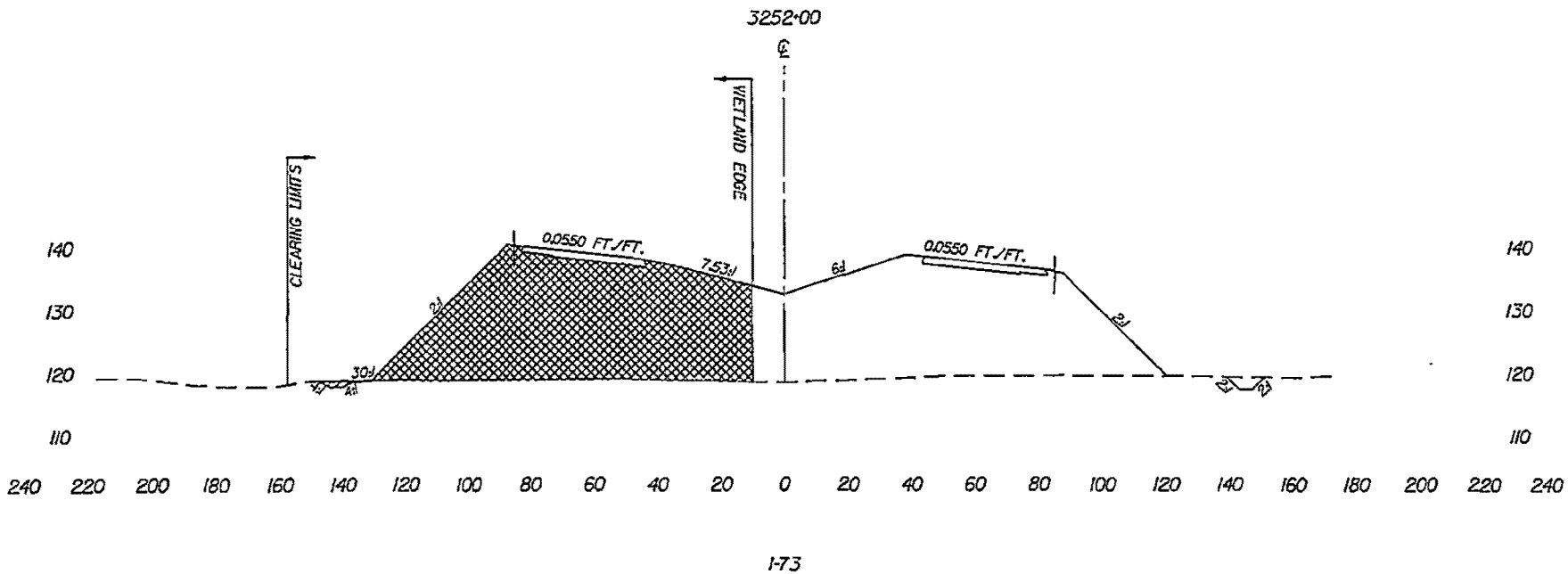
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 61 OF 178


PLAN VIEW
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
JURISDICTIONAL DITCH
NRPW
D36 (DNR SN 100)
0.02 ACRES FILL
JURISDICTIONAL DITCHES
NRPW'S
D38 (DNR SN 18)
0.18 ACRES FILL
DITCHED BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
D37
0.35 ACRES FILL
BOTTOMLAND HARDWOOD
WETLAND ABUTTING NRPW
D35
0.24 ACRES FILL
0.01 ACRES TEMP. CLEAR
E. SIGNODE RD.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
WET PLANTED PINES
WETLAND ADJACENT TO NRPW
D34
0.002 ACRES FILL
JURISDICTIONAL DITCH/
BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
D33 (DNR SN 104)
0.19 ACRES FILL
Wetlands
CSX RAILROAD
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 62 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION U-U

- - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

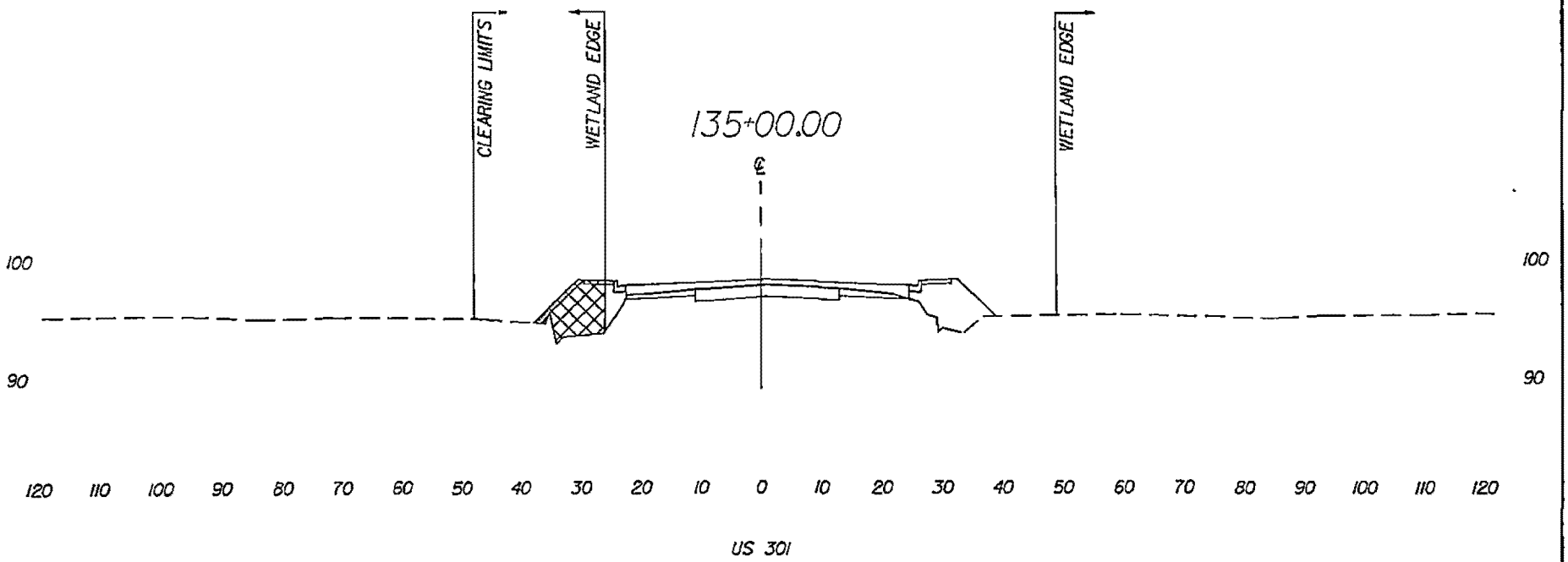
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 63 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION V-V

— — - DENOTES EXISTING GROUND LINE

- DENOTES FILL

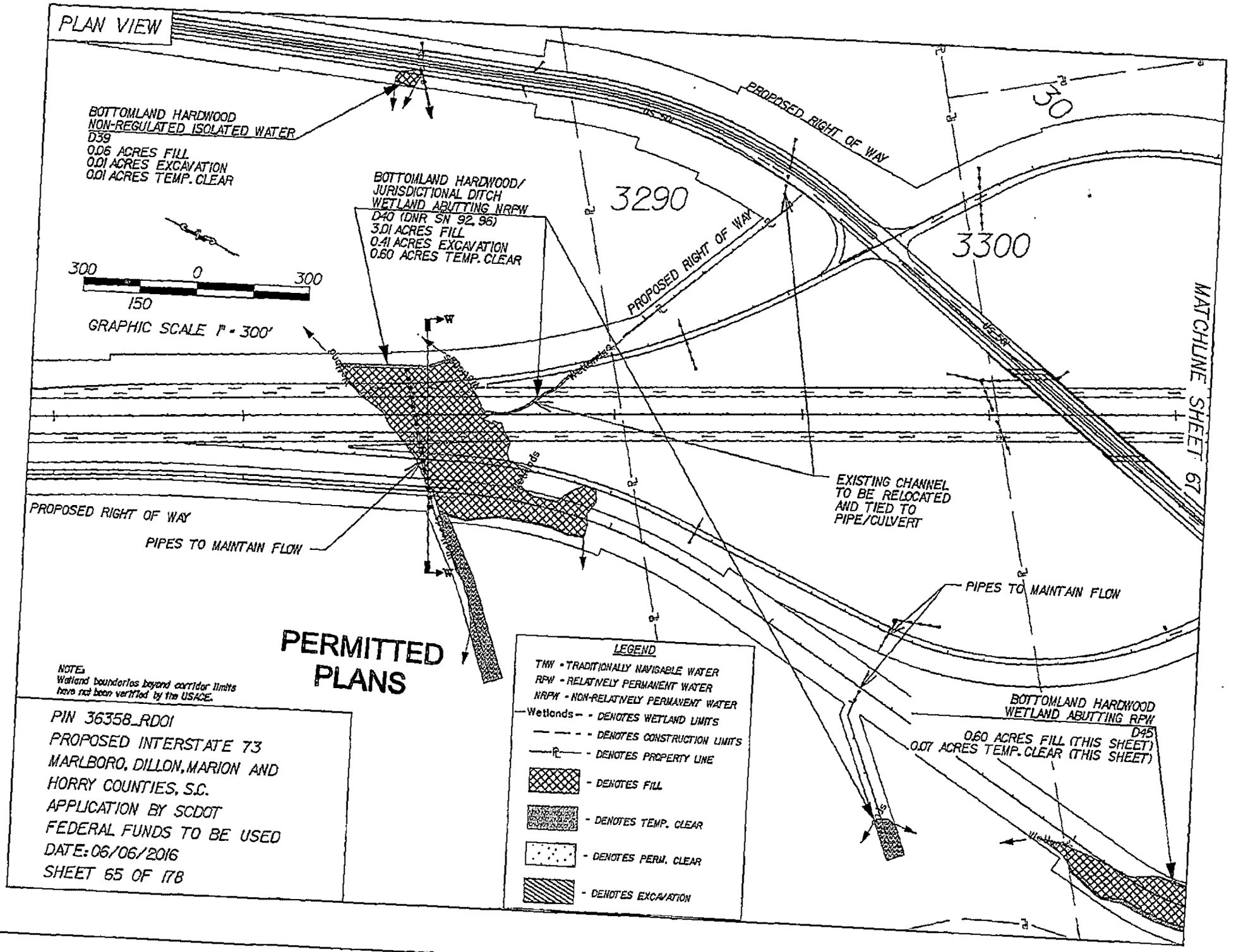
- DENOTES EXCAVATION

25 0 25
12.5
GRAPHIC SCALE 1" = 25' HORIZ.

PERMITTED PLANS

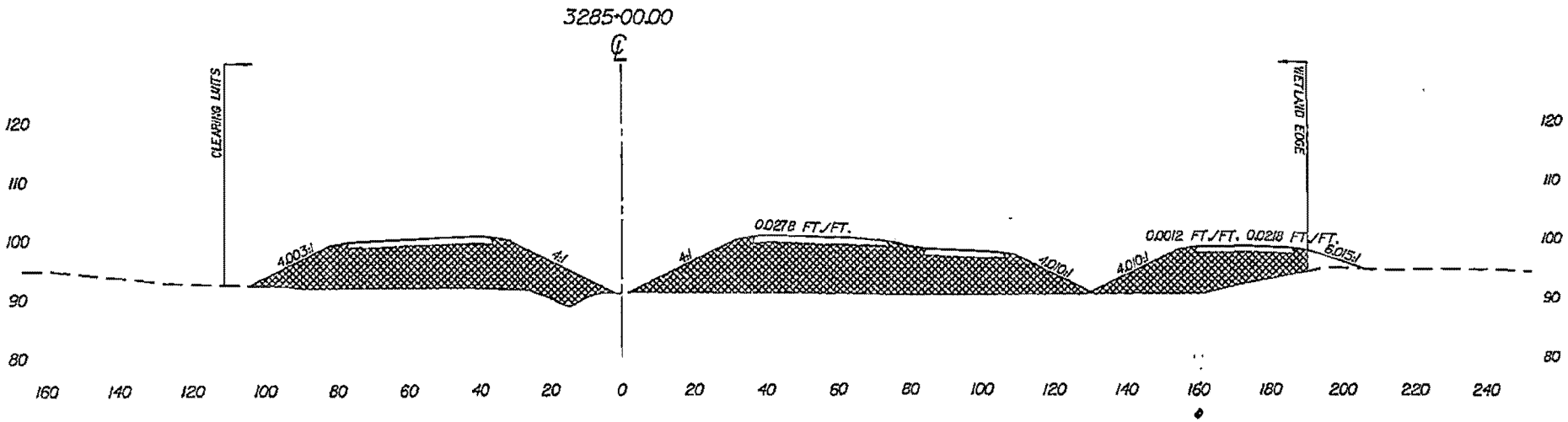
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 64 OF 178

ED_00136 3_00000276-00073



CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION W-W

PERMITTED
PLANS

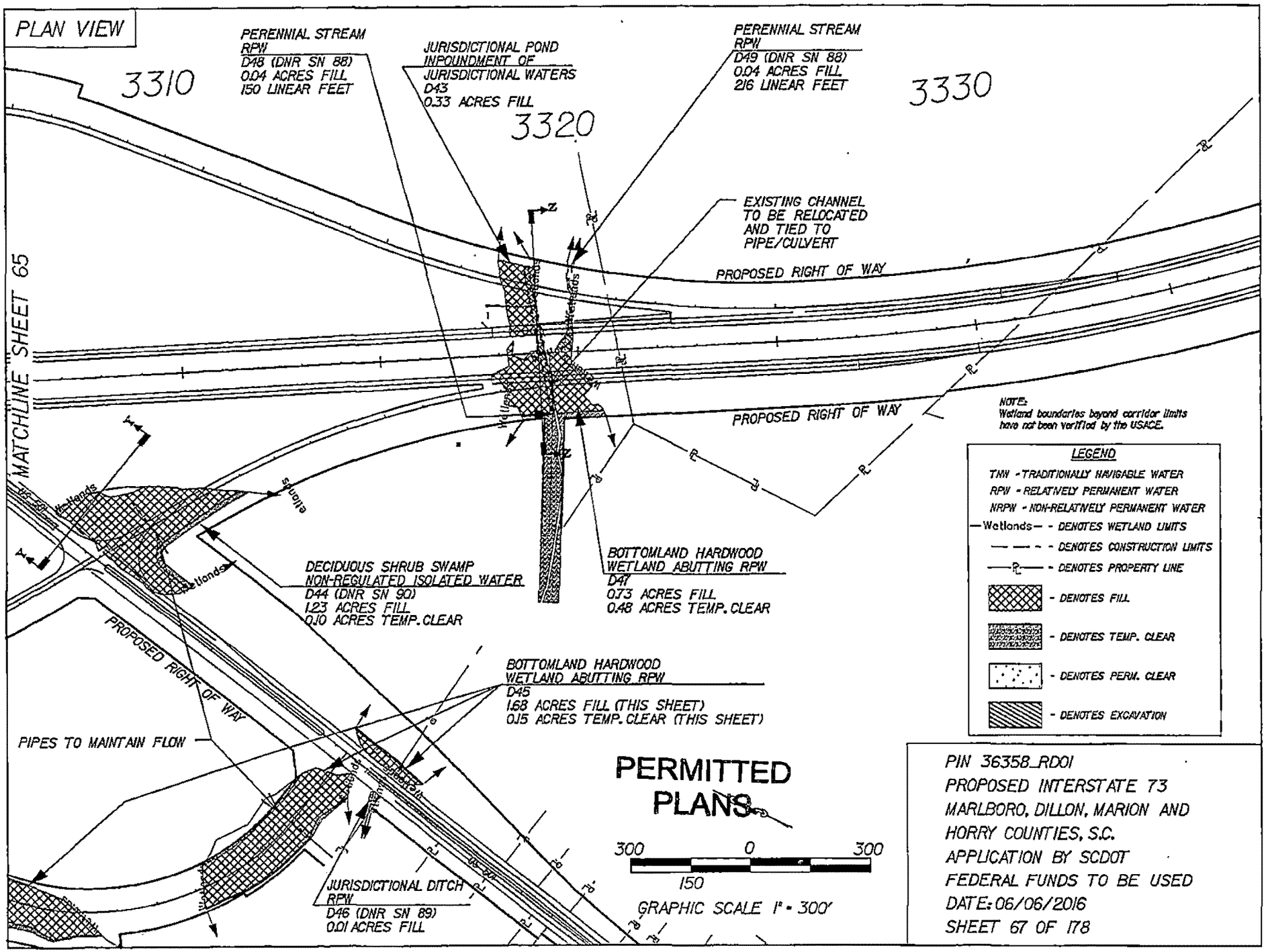
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
75 25 25 75

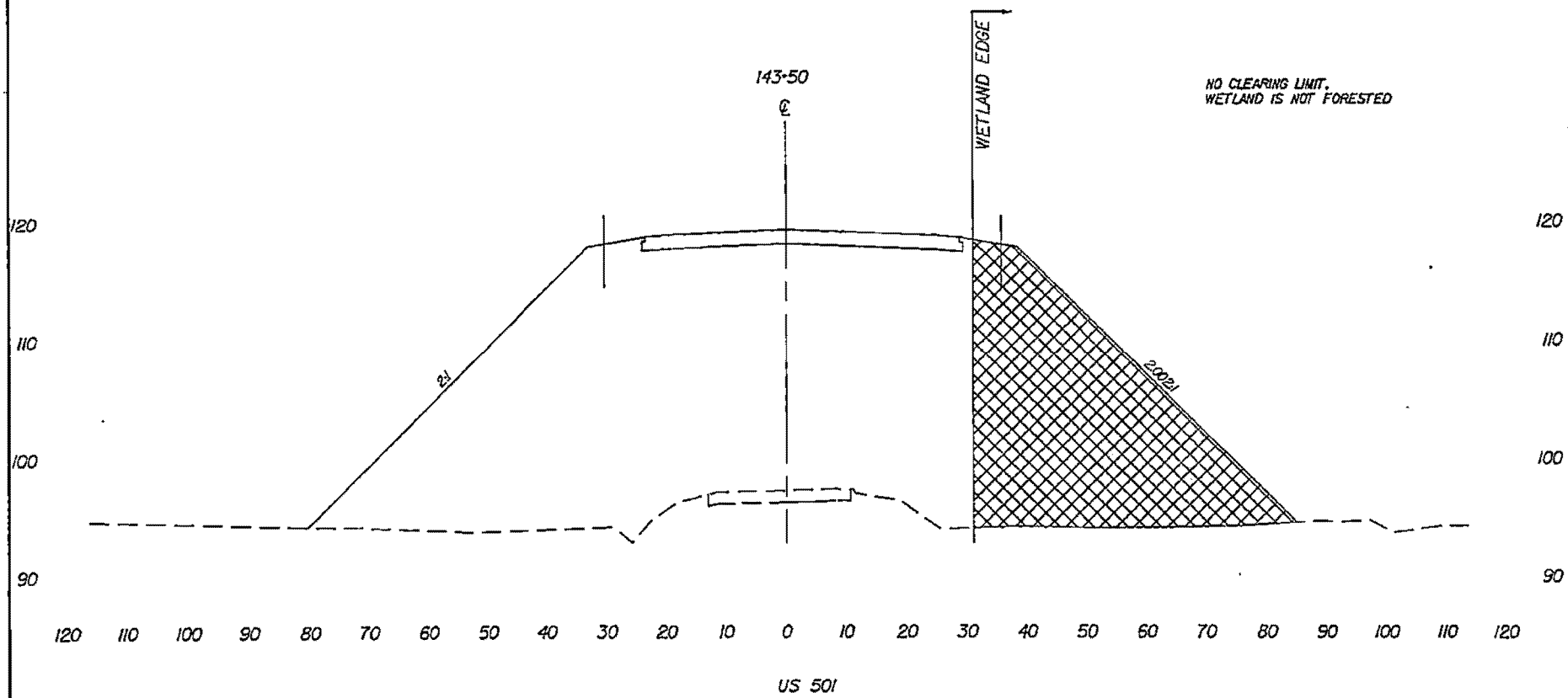
GRAPHIC SCALE 1" = 62.5' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 66 OF 178


PLAN VIEW
3310
3320
3330
PERENNIAL STREAM
RPW
D48 (DNR SN 88)
0.04 ACRES FILL
150 LINEAR FEET
JURISDICTIONAL POND
INPOUNDMENT OF
JURISDICTIONAL WATERS
D43
0.33 ACRES FILL
PERENNIAL STREAM
RPW
D49 (DNR SN 88)
0.04 ACRES FILL
216 LINEAR FEET
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
MATCHLINE SHEET 65
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
DECIDUOUS SHRUB SWAMP
NON-REGULATED ISOLATED WATER
D44 (DNR SN 90)
1.23 ACRES FILL
0.10 ACRES TEMP. CLEAR
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
D47
0.73 ACRES FILL
0.48 ACRES TEMP. CLEAR
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
D45
1.68 ACRES FILL (THIS SHEET)
0.15 ACRES TEMP. CLEAR (THIS SHEET)
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
JURISDICTIONAL DITCH
RPW
D46 (DNR SN 89)
0.01 ACRES FILL
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 67 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION Y-Y

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

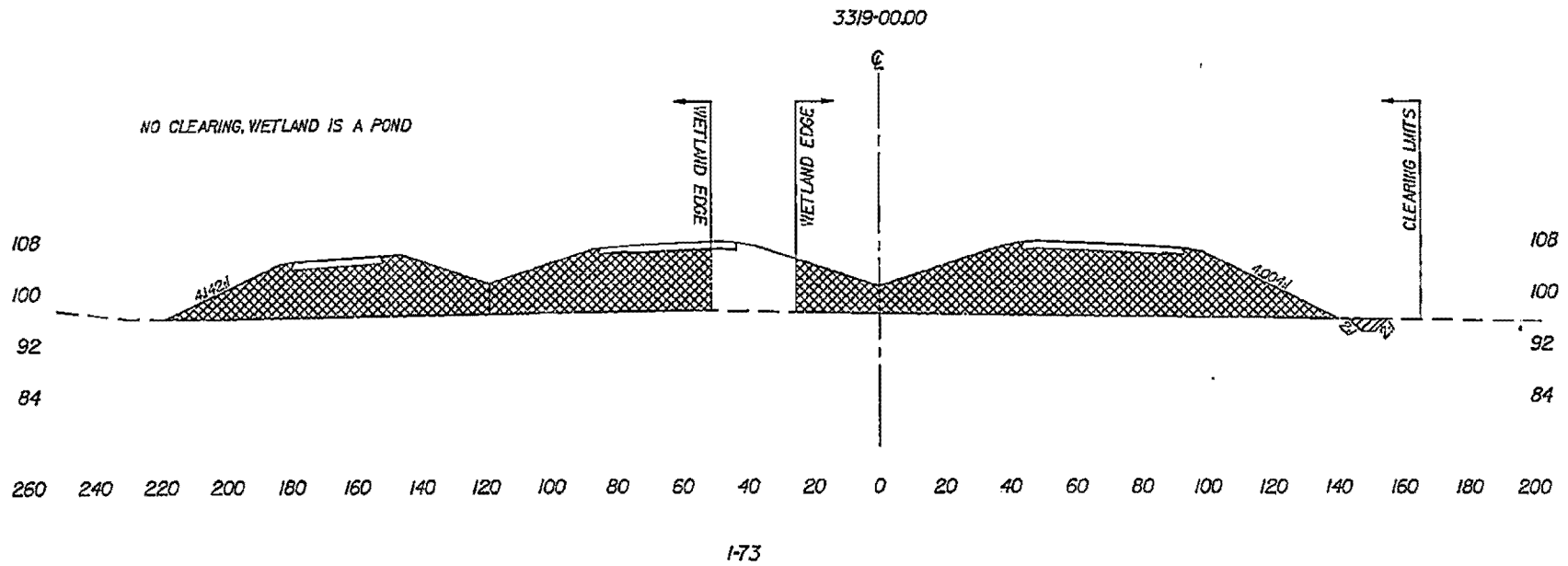
25 0 25
12.5
GRAPHIC SCALE 1" = 25' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 68 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



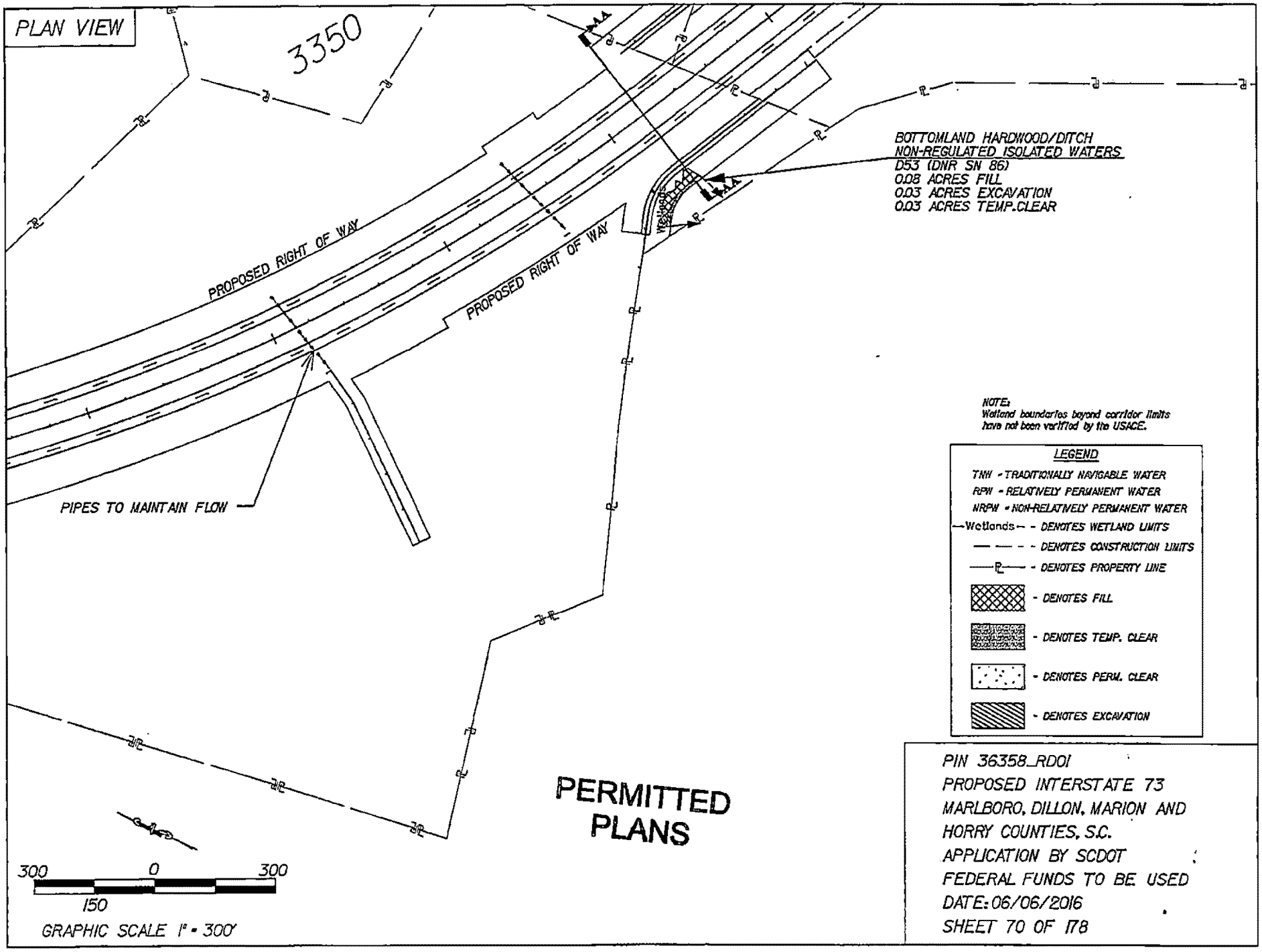
SECTION Z-Z

- - - - DENOTES EXISTING GROUND LINE
▩ - DENOTES FILL
▨ - DENOTES EXCAVATION

PERMITTED PLANS

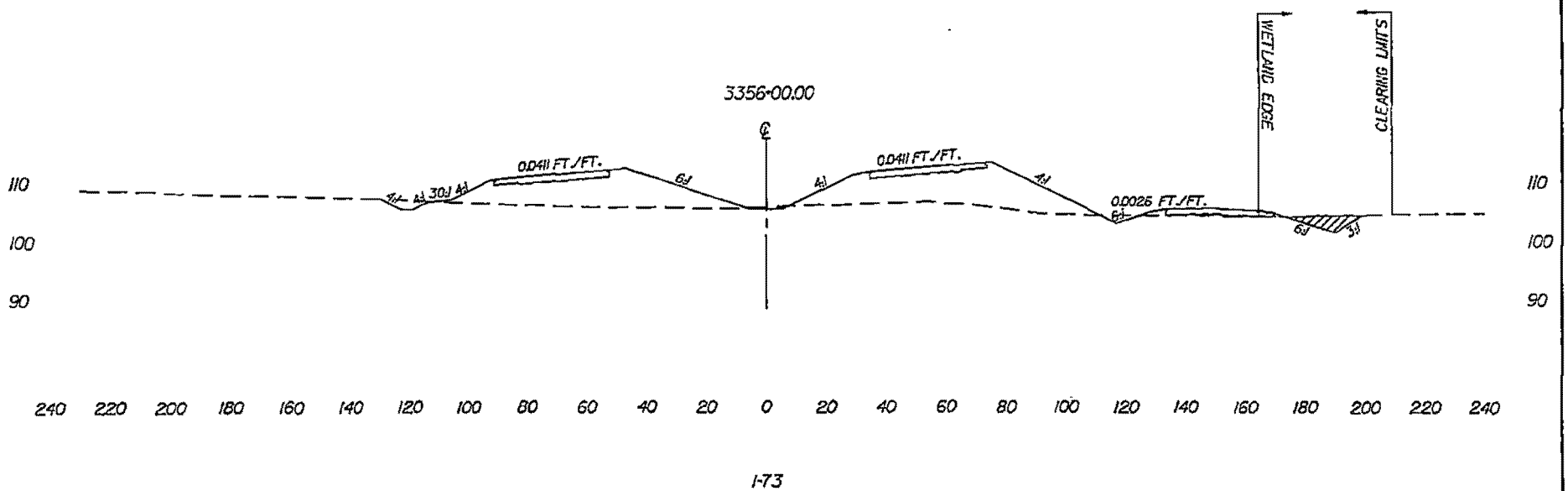
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 69 OF 178


PLAN VIEW
3350
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
BOTTOMLAND HARDWOOD/DITCH
NON-REGULATED ISOLATED WATERS
D53 (DNR SN 86)
0.08 ACRES FILL
0.03 ACRES EXCAVATION
0.03 ACRES TEMP.CLEAR
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 70 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION AA-AA

- - - - DENOTES EXISTING GROUND LINE

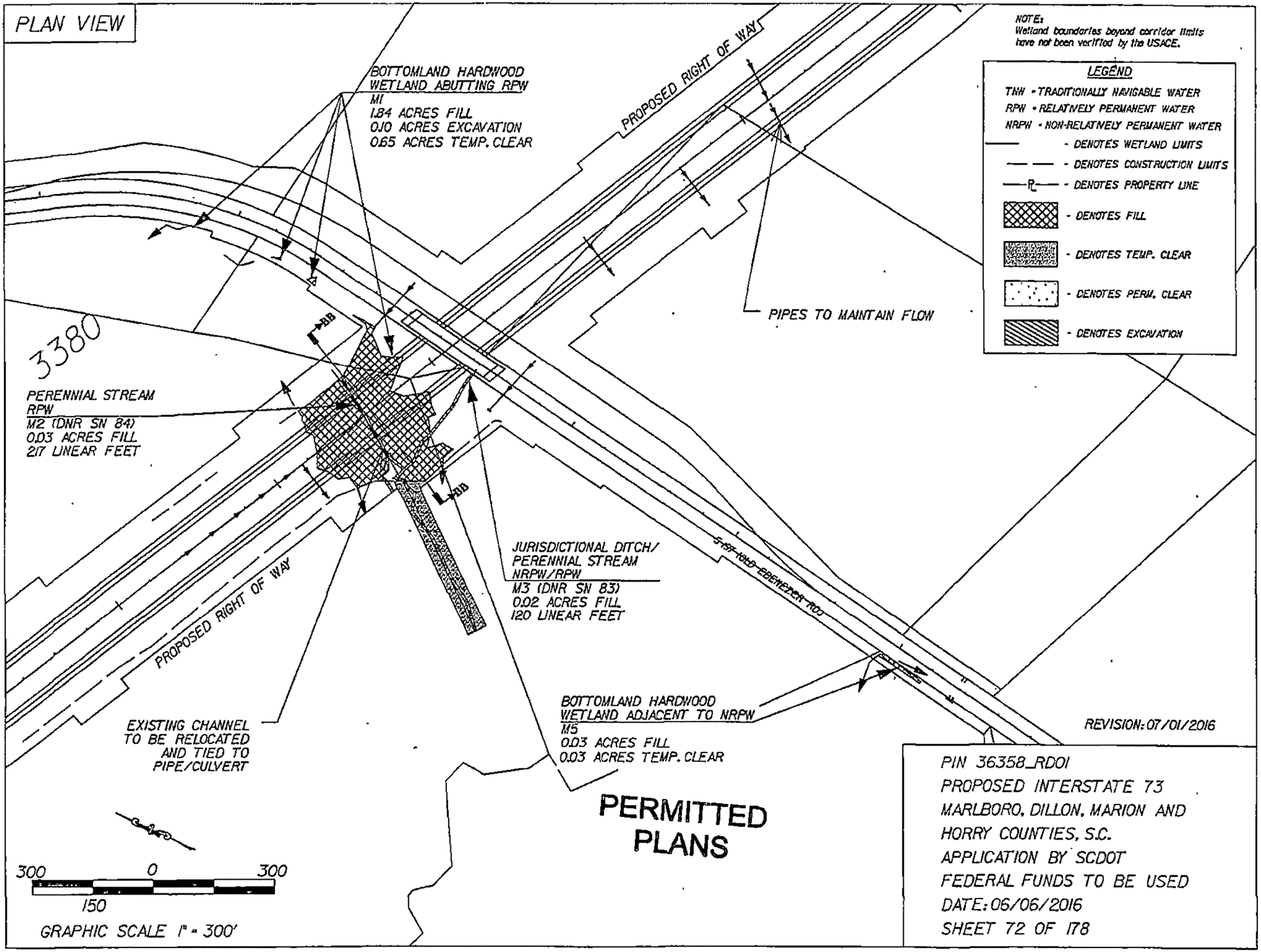
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

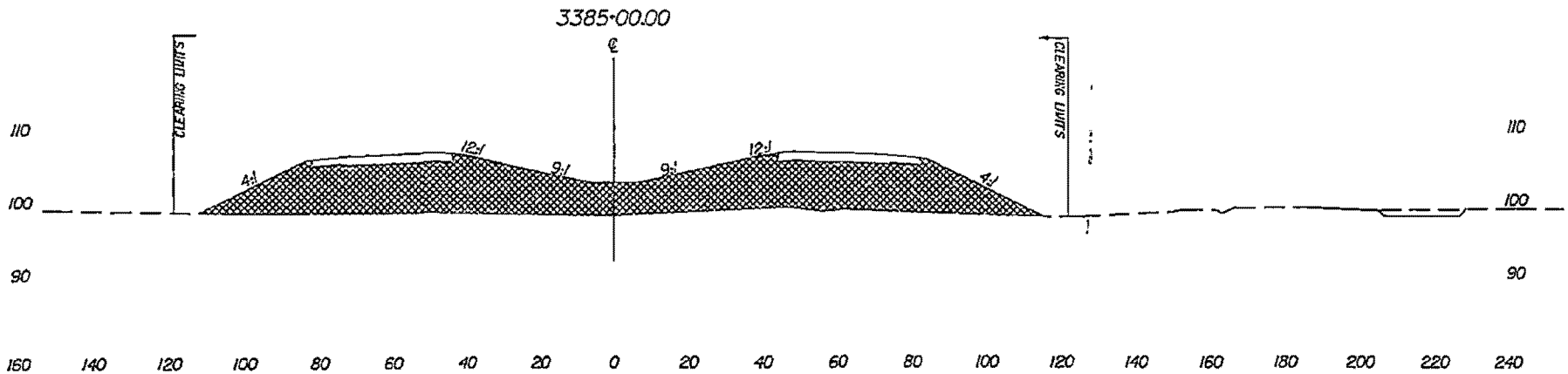
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 71 OF 178


PLAN VIEW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
- DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
M1
1.84 ACRES FILL
0.10 ACRES EXCAVATION
0.65 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
3380
PERENNIAL STREAM RPW
M2 (DNR SN 84)
0.03 ACRES FILL
217 LINEAR FEET
JURISDICTIONAL DITCH/ PERENNIAL STREAM NRPW/RPW
M3 (DNR SN 83)
0.02 ACRES FILL
120 LINEAR FEET
PROPOSED RIGHT OF WAY
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
BOTTOMLAND HARDWOOD WETLAND ADJACENT TO NRPW
M5
0.03 ACRES FILL
0.03 ACRES TEMP. CLEAR
REVISION: 07/01/2016
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 72 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION BB-BB

— — - DENOTES EXISTING GROUND LINE

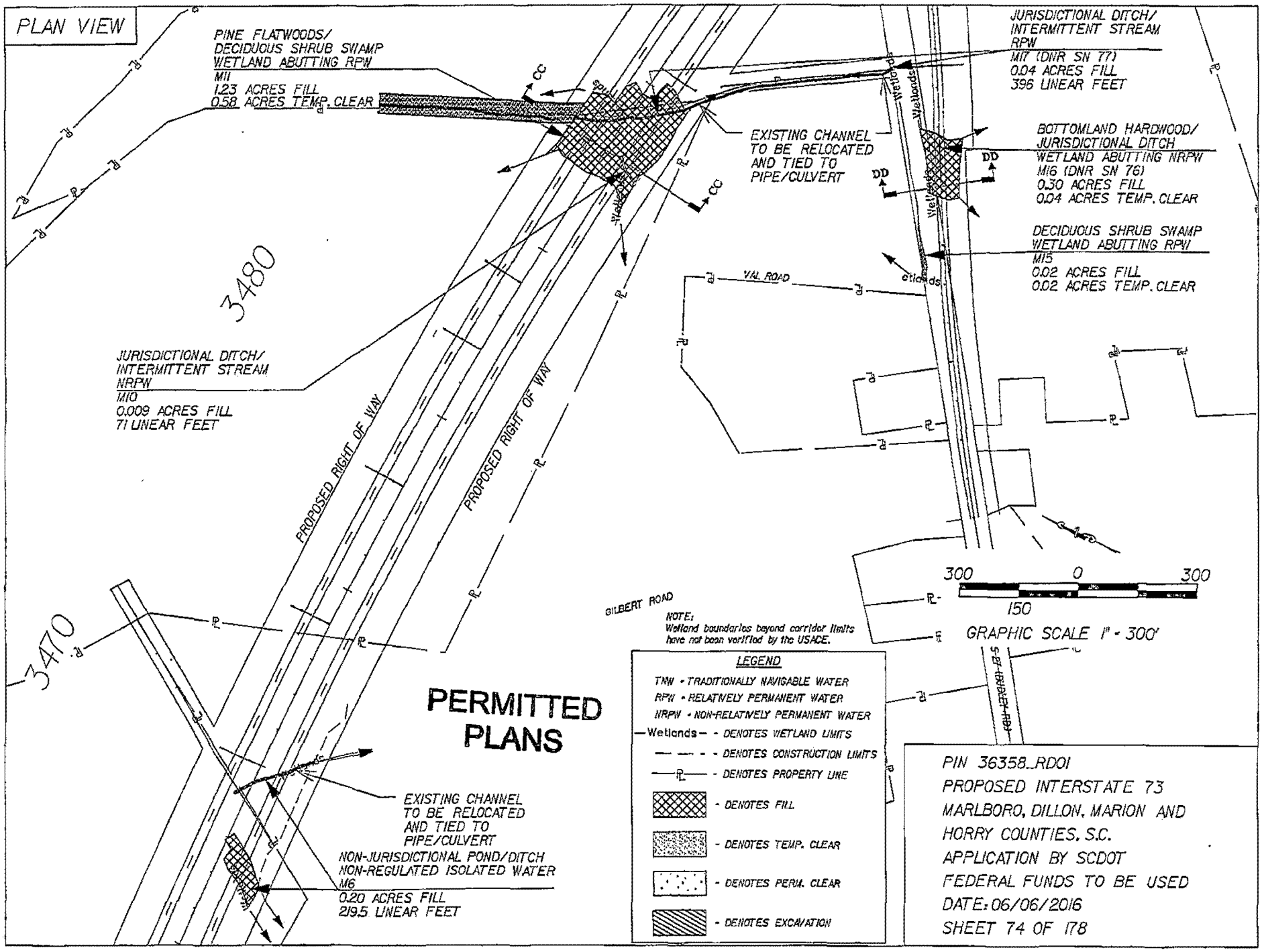
▩ - DENOTES FILL

50 0 50
75 25 25 75

GRAPHIC SCALE 1" = 62.5' HORIZ.

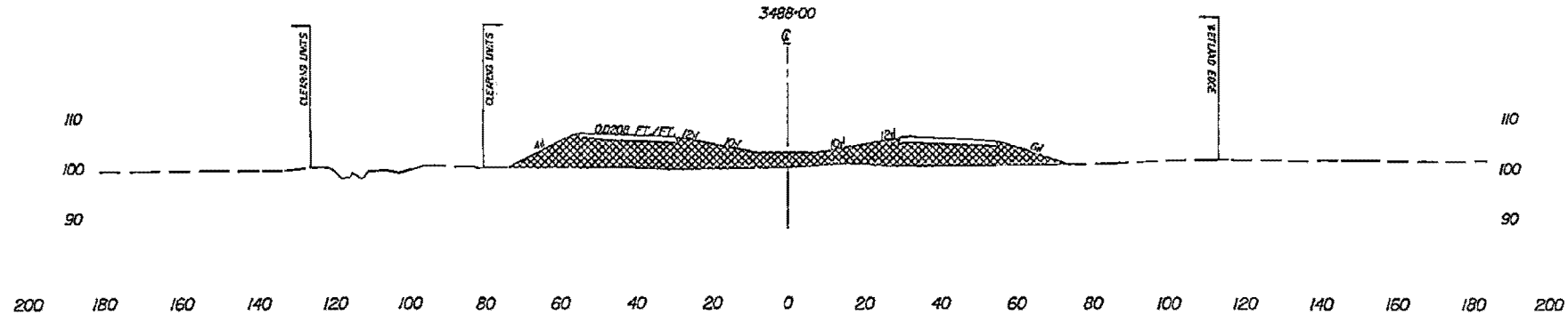
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 73 OF 178


PLAN VIEW
PINE FLATWOODS/
DECIDUOUS SHRUB SWAMP
WETLAND ABUTTING RPW
M11
1.23 ACRES FILL
0.58 ACRES TEMP. CLEAR
JURISDICTIONAL DITCH/
INTERMITTENT STREAM
RPW
M17 (DNR SN 77)
0.04 ACRES FILL
396 LINEAR FEET
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
BOTTOMLAND HARDWOOD/
JURISDICTIONAL DITCH
WETLAND ABUTTING NRPW
M16 (DNR SN 76)
0.30 ACRES FILL
0.04 ACRES TEMP. CLEAR
DECIDUOUS SHRUB SWAMP
WETLAND ABUTTING RPW
M15
0.02 ACRES FILL
0.02 ACRES TEMP. CLEAR
3480
VAL ROAD
JURISDICTIONAL DITCH/
INTERMITTENT STREAM
NRPW
M10
0.009 ACRES FILL
71 LINEAR FEET
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
3470
GILBERT ROAD
300 0 300
150
GRAPHIC SCALE 1" = 300'
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
—Wetlands— - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
NON-JURISDICTIONAL POND/DITCH
NON-REGULATED ISOLATED WATER
M6
0.20 ACRES FILL
219.5 LINEAR FEET
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 74 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION CC-CC

DENOTES EXISTING GROUND LINE

DENOTES FILL

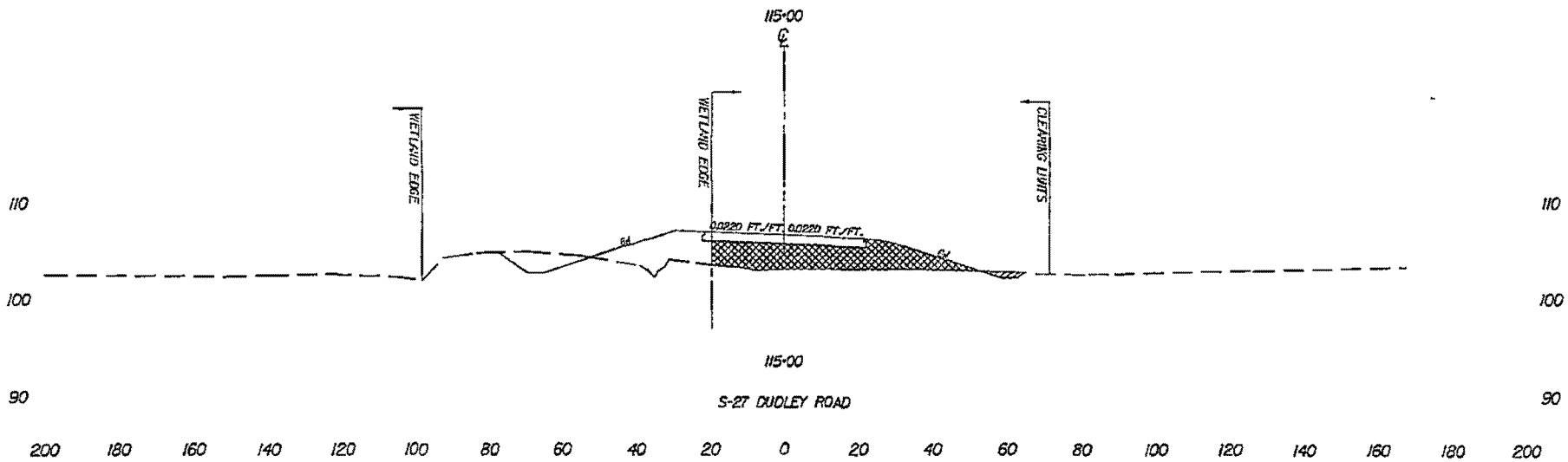
50 0 50
75 25 25 75
GRAPHIC SCALE 1" = 62.5' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 75 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION DD-DD

— — - DENOTES EXISTING GROUND LINE

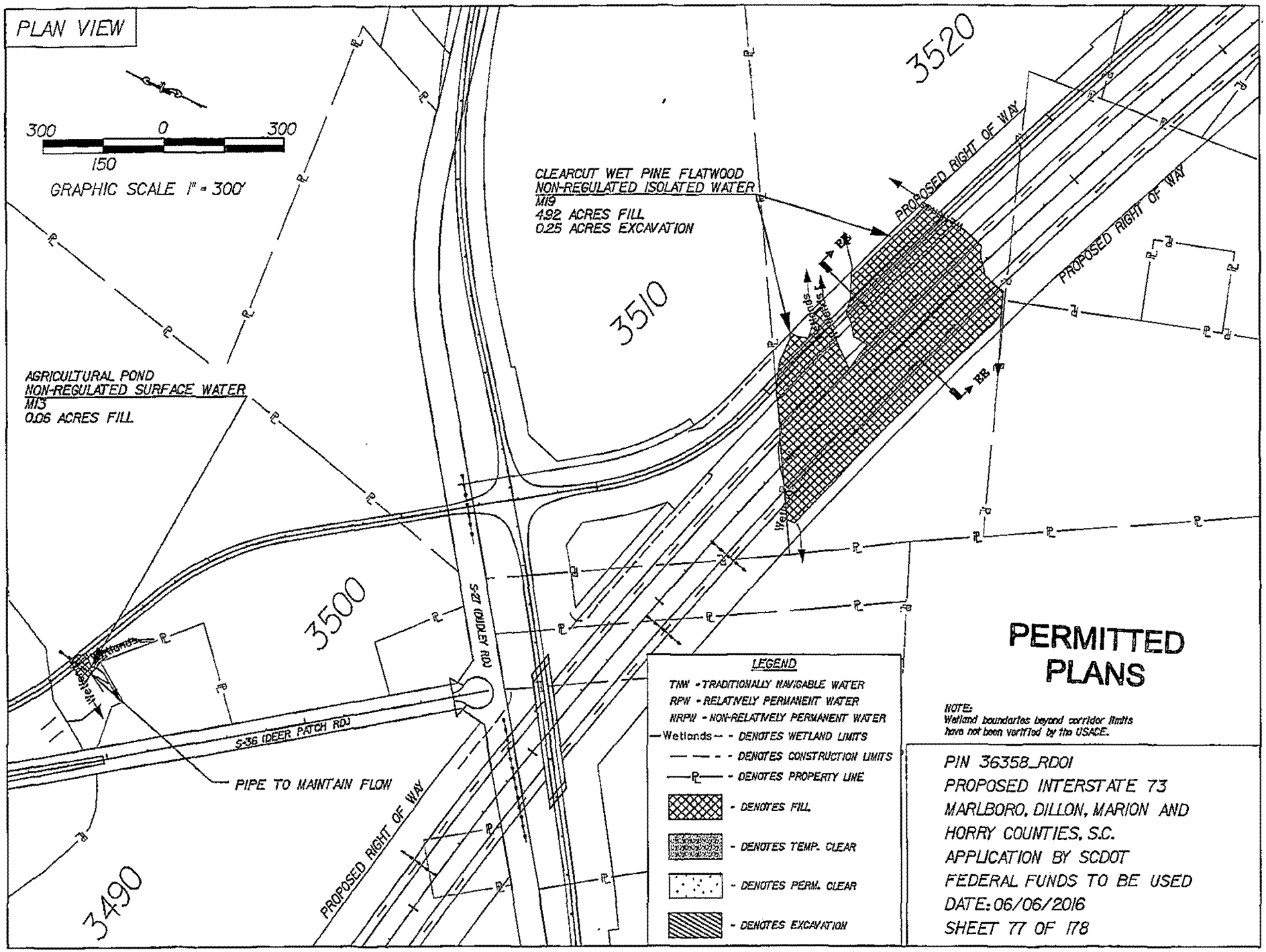
- DENOTES FILL

- DENOTES EXCAVATION

50 0 50
75 25 25 75
GRAPHIC SCALE 1" = 62.5' HORIZ.

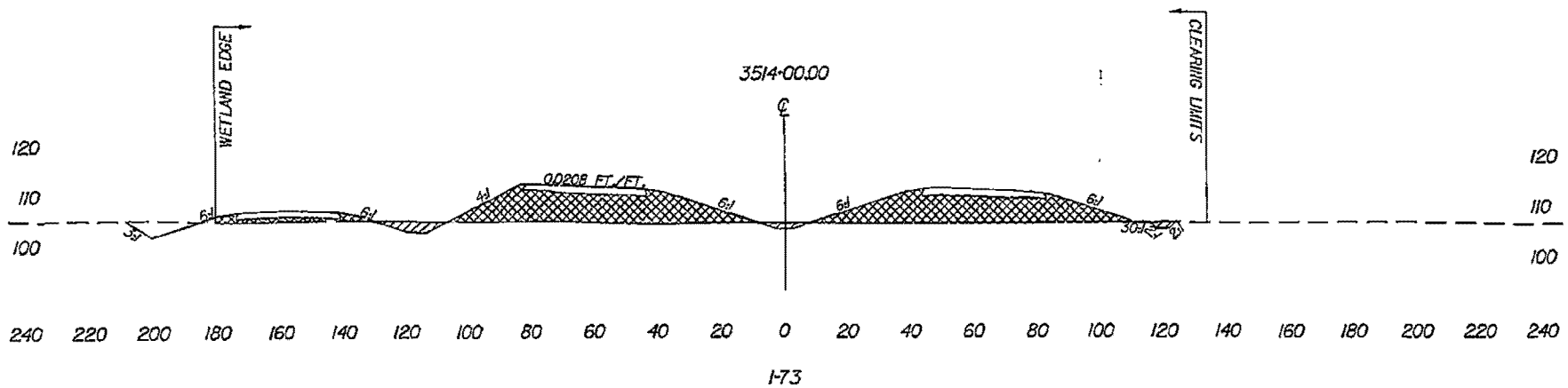
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 76 OF 178


PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
CLEARCUT WET PINE FLATWOOD
NON-REGULATED ISOLATED WATER
M19
4.92 ACRES FILL
0.25 ACRES EXCAVATION
AGRICULTURAL POND
NON-REGULATED SURFACE WATER
M13
0.06 ACRES FILL
3520
3510
3500
3490
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
S-27 (DUDLEY RD)
S-36 (DEER PATCH RD)
PIPE TO MAINTAIN FLOW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 77 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION EE-EE

— — · DENOTES EXISTING GROUND LINE

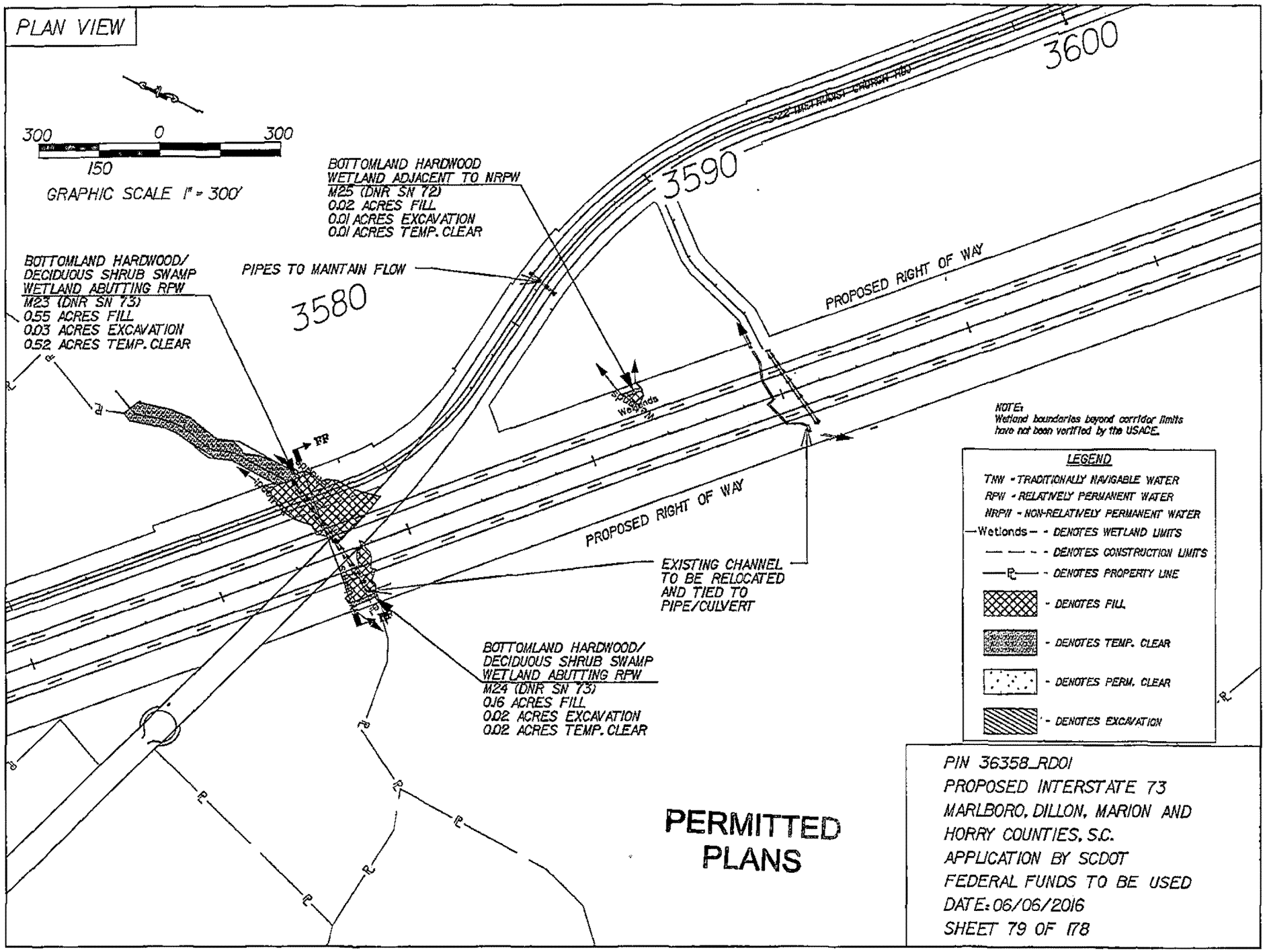
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

PERMITTED PLANS

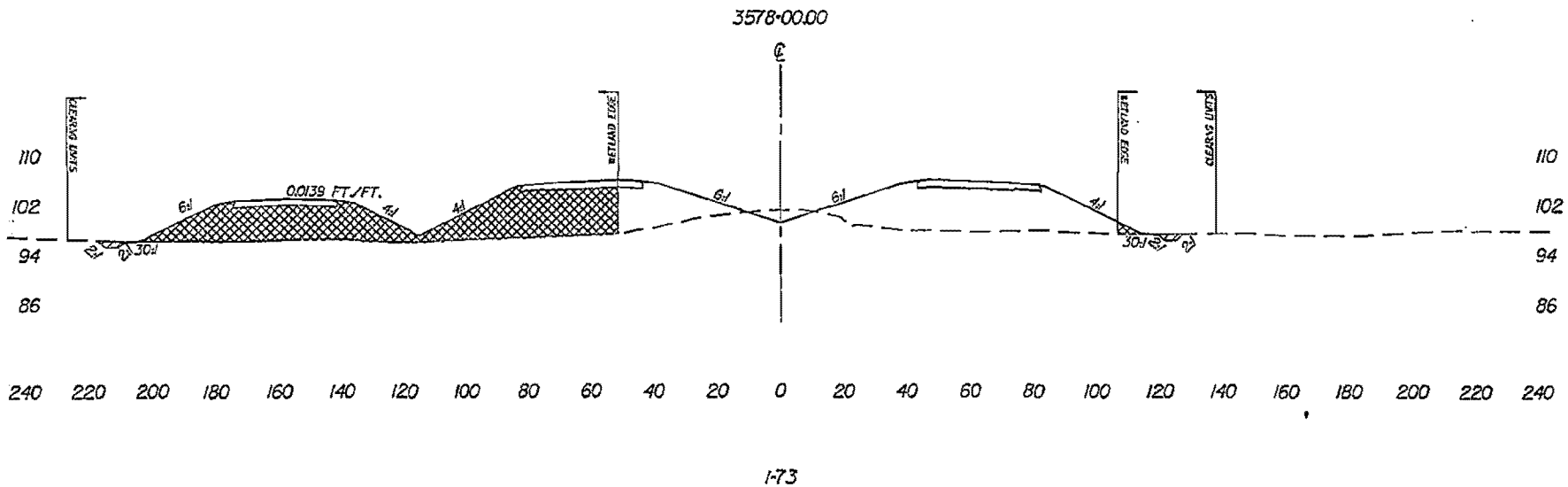
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 78 OF 178


PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
BOTTOMLAND HARDWOOD WETLAND ADJACENT TO NRPW
M25 (DNR SN 72)
0.02 ACRES FILL
0.01 ACRES EXCAVATION
0.01 ACRES TEMP. CLEAR
BOTTOMLAND HARDWOOD/ DECIDUOUS SHRUB SWAMP WETLAND ABUTTING RPW
M23 (DNR SN 73)
0.55 ACRES FILL
0.03 ACRES EXCAVATION
0.52 ACRES TEMP. CLEAR
PIPES TO MAINTAIN FLOW
3580
3590
3600
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
BOTTOMLAND HARDWOOD/ DECIDUOUS SHRUB SWAMP WETLAND ABUTTING RPW
M24 (DNR SN 73)
0.16 ACRES FILL
0.02 ACRES EXCAVATION
0.02 ACRES TEMP. CLEAR
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 79 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION FF-FF

— — - DENOTES EXISTING GROUND LINE

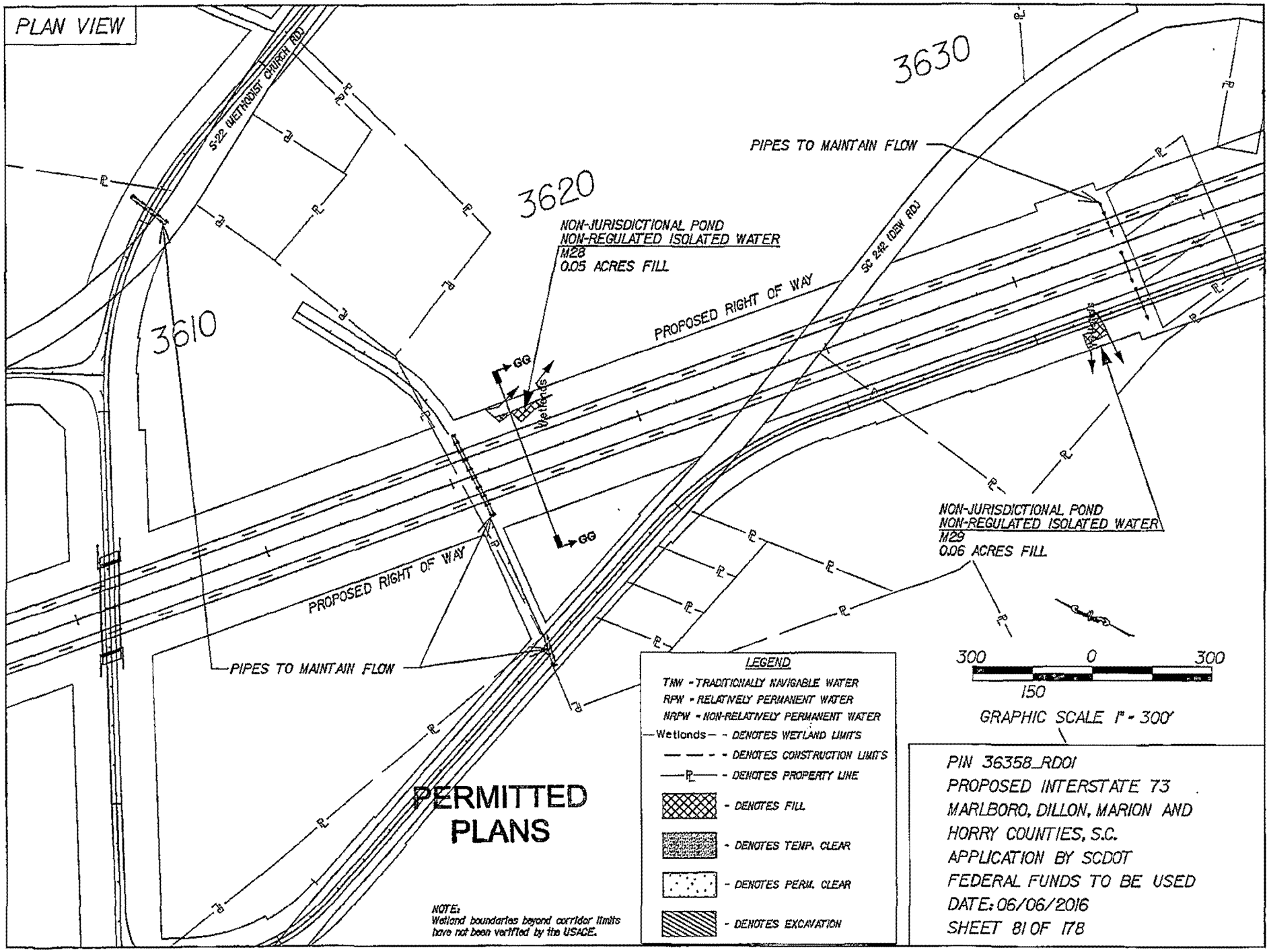
- DENOTES FILL

- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

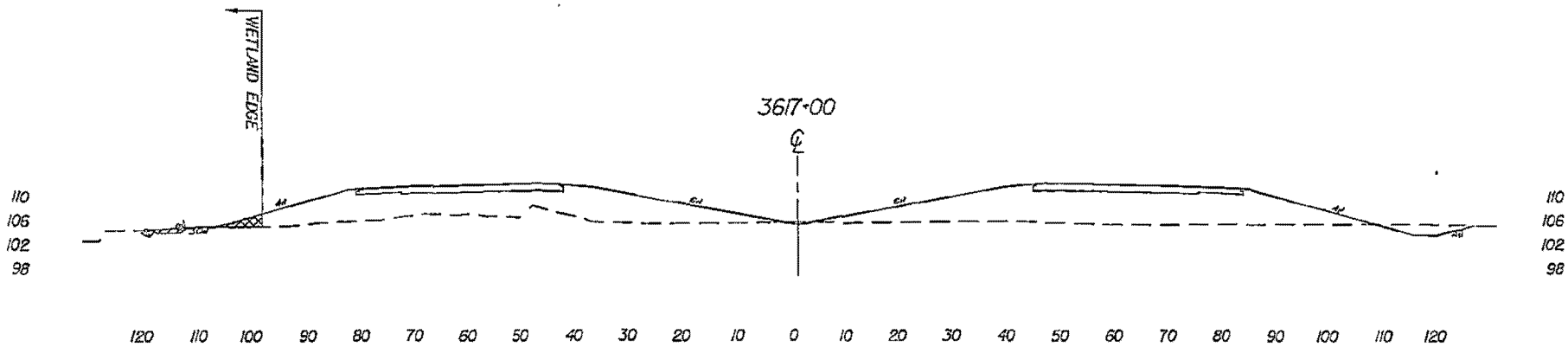
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 80 OF 178


PLAN VIEW
S-22 (METHODIST CHURCH RD)
3630
3620
3610
PIPES TO MAINTAIN FLOW
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
M28
0.05 ACRES FILL
PROPOSED RIGHT OF WAY
SC 242 (DEW RD)
GG
Wetlands
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
M29
0.06 ACRES FILL
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
300 0 300
150
GRAPHIC SCALE 1" = 300'
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 81 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS

NO CLEARING, WETLAND IS A POND



I-73

SECTION GG-GG

— — - DENOTES EXISTING GROUND LINE

- DENOTES FILL

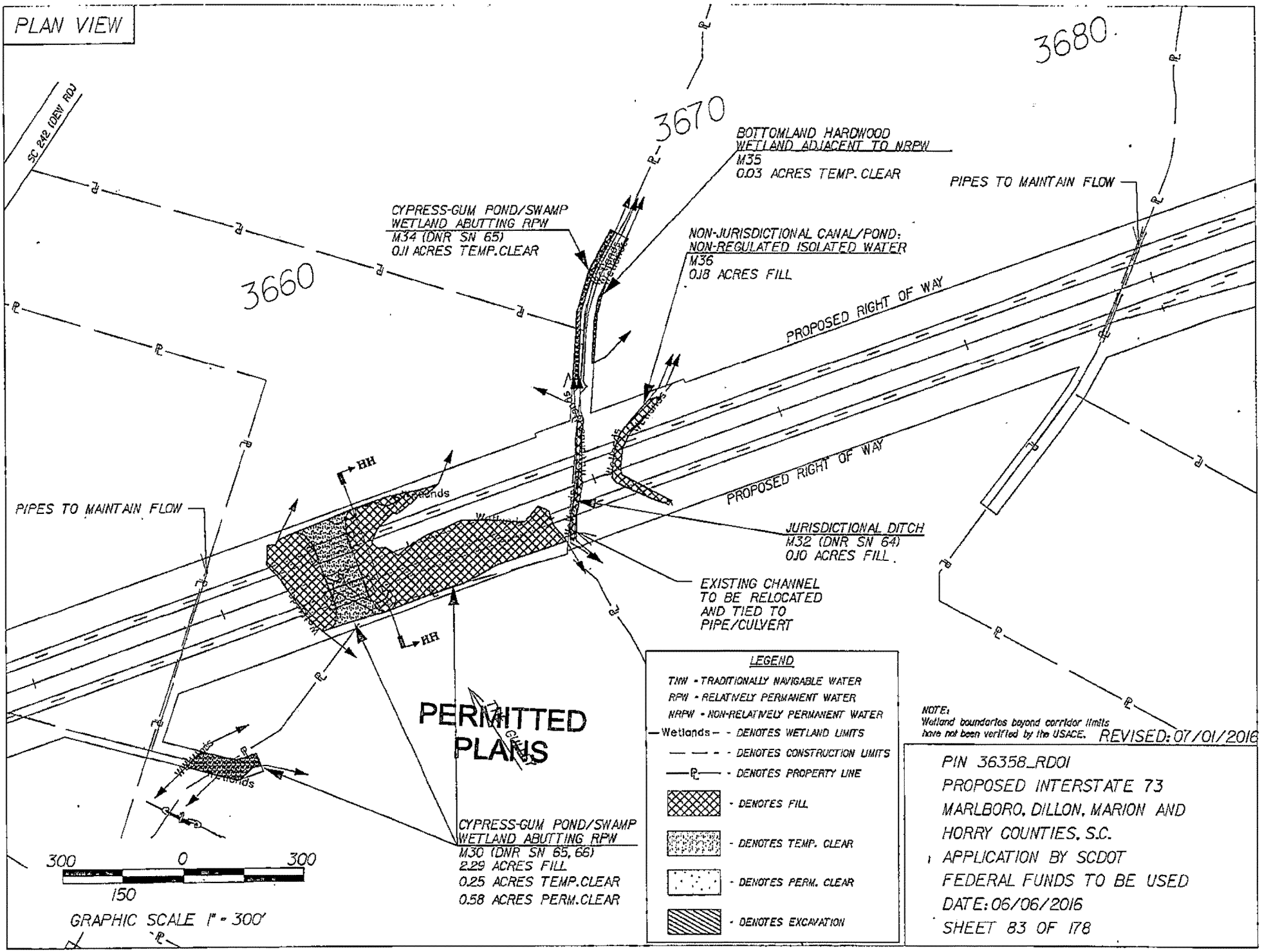
- DENOTES EXCAVATION

50 0 50
25

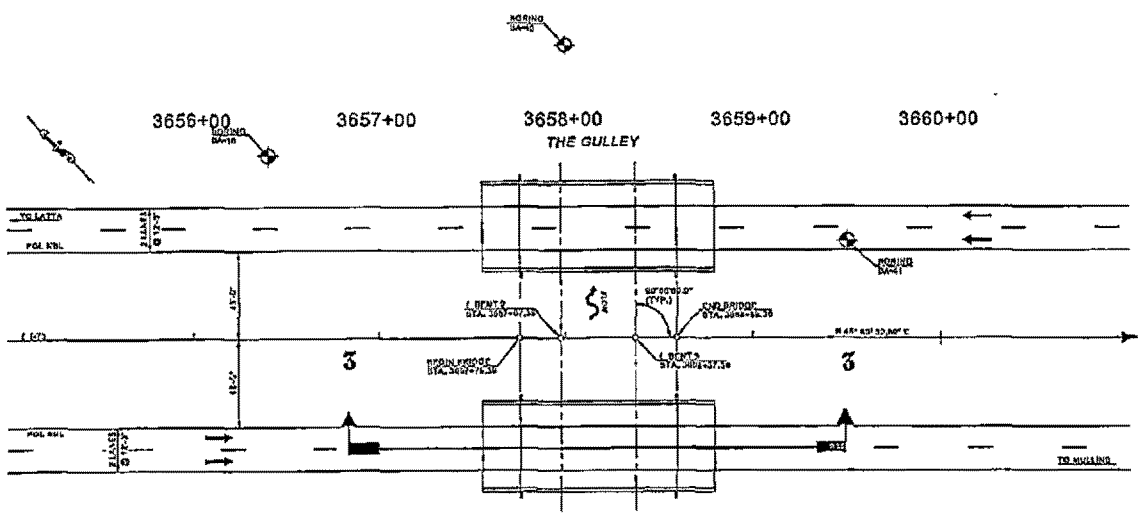
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

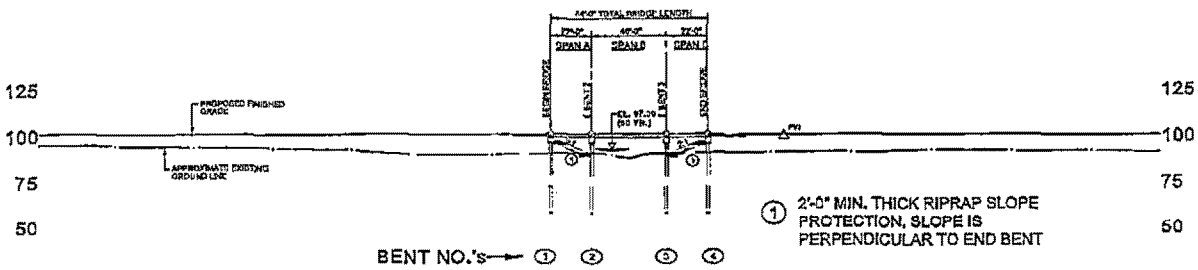
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 82 OF 178


PLAN VIEW
SC 242 (DEW RD)
3660
3670
3680
BOTTOMLAND HARDWOOD WETLAND ADJACENT TO NRPW
M35
0.03 ACRES TEMP. CLEAR
CYPRESS-GUM POND/SWAMP WETLAND ABUTTING RPW
M34 (DNR SN 65)
0.11 ACRES TEMP.CLEAR
NON-JURISDICTIONAL CANAL/POND: NON-REGULATED ISOLATED WATER
M36
0.18 ACRES FILL
PIPES TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
JURISDICTIONAL DITCH
M32 (DNR SN 64)
0.10 ACRES FILL.
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
HH
HH
PERMITTED PLANS
CYPRESS-GUM POND/SWAMP WETLAND ABUTTING RPW
M30 (DNR SN 65, 66)
2.29 ACRES FILL
0.25 ACRES TEMP.CLEAR
0.58 ACRES PERM.CLEAR
300 0 300
150
GRAPHIC SCALE 1" = 300'
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 83 OF 178

PLAN & PROFILE VIEW



PLAN



1 2'-0" MIN. THICK RIPRAP SLOPE PROTECTION, SLOPE IS PERPENDICULAR TO END BENT

3656+00 3657+00 3658+00 3659+00 3660+00

PROFILE

3 - 3

HYDROLOGY DATA

D.A. = 2.38 SQ. MI.
Q_{50} = 435 CFS
AREA FURNISHED UNDER EL. 97.41 = 234.0 S.F.
V_{50} = 1.3 FT/SEC.
Q_{100} = 539 CFS
AREA FURNISHED UNDER EL. 97.70 = 257.0 S.F.
V_{100} = 1.5 FT/SEC.
$BACKWATER_{100}$ = 0.63'

OVERTOPPING FLOOD

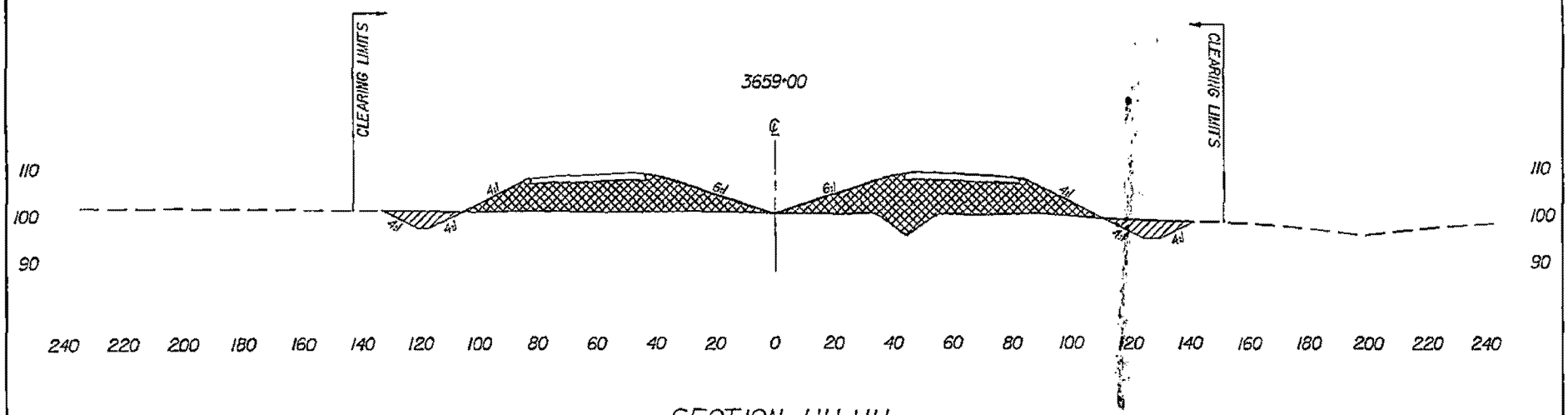
Q > 835 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 83A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION HH-HH

- - - - DENOTES EXISTING GROUND LINE

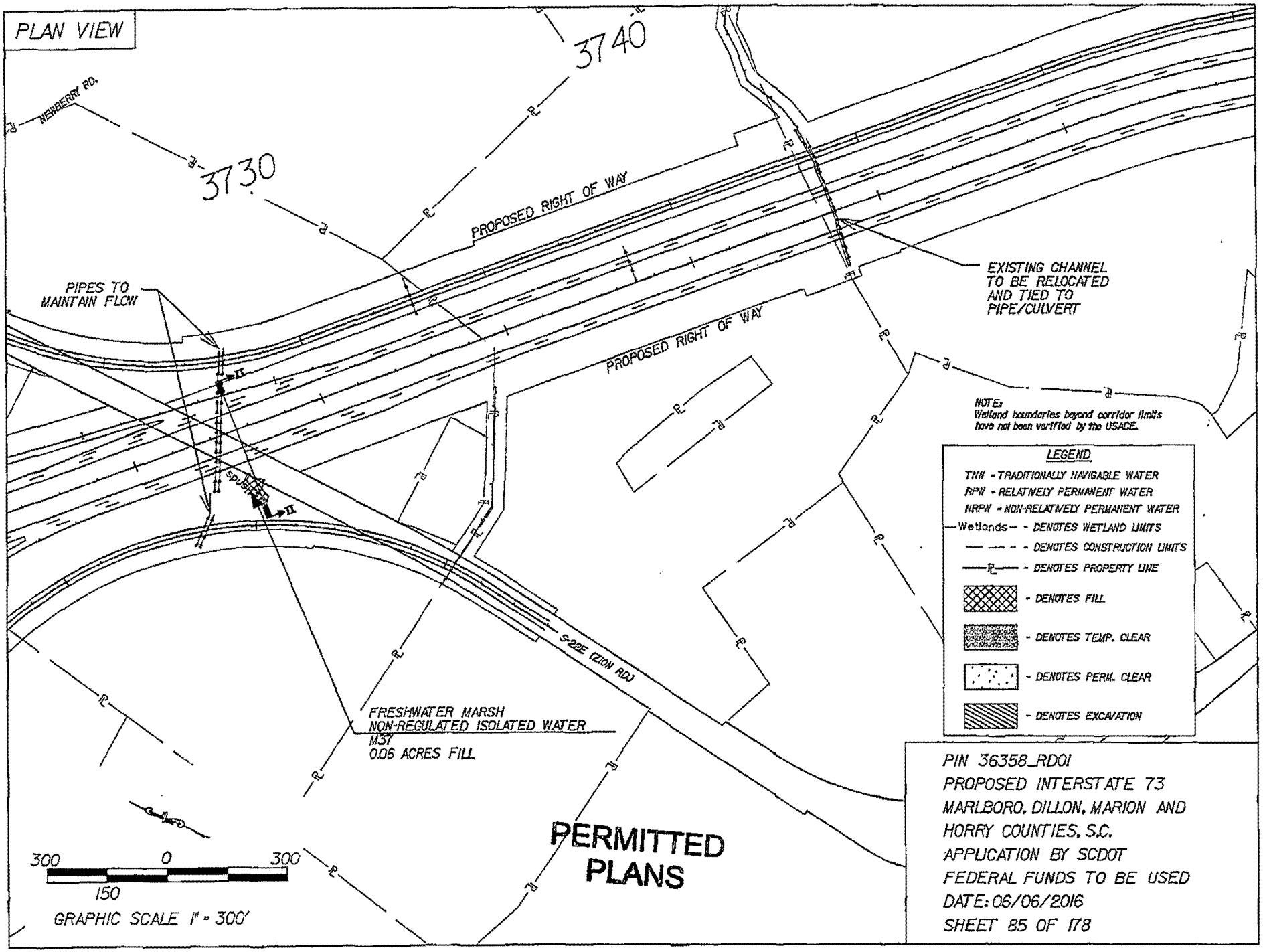
▨ - DENOTES FILL

▨ - DENOTES EXCAVATION

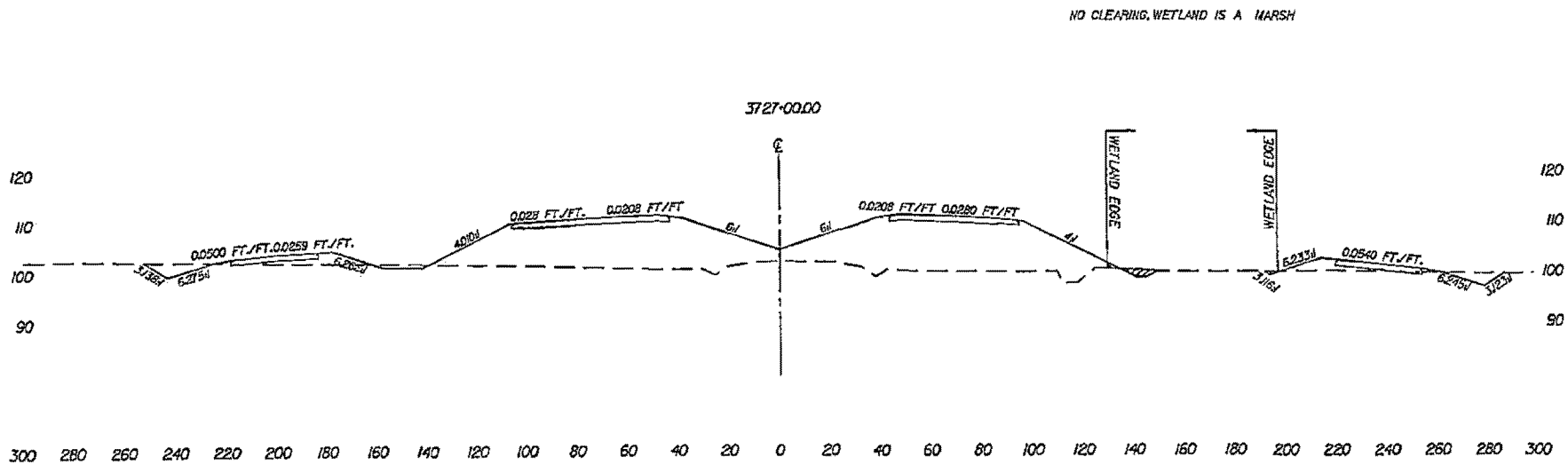
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED.
DATE: 06/06/2016
SHEET 84 OF 178


PLAN VIEW
3740
3730
NEWBERRY RD.
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
S-22E (ZION RD.)
FRESHWATER MARSH
NON-REGULATED ISOLATED WATER
M37
0.06 ACRES FILL
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 85 OF 178

CROSS SECTION



SECTION 11-11

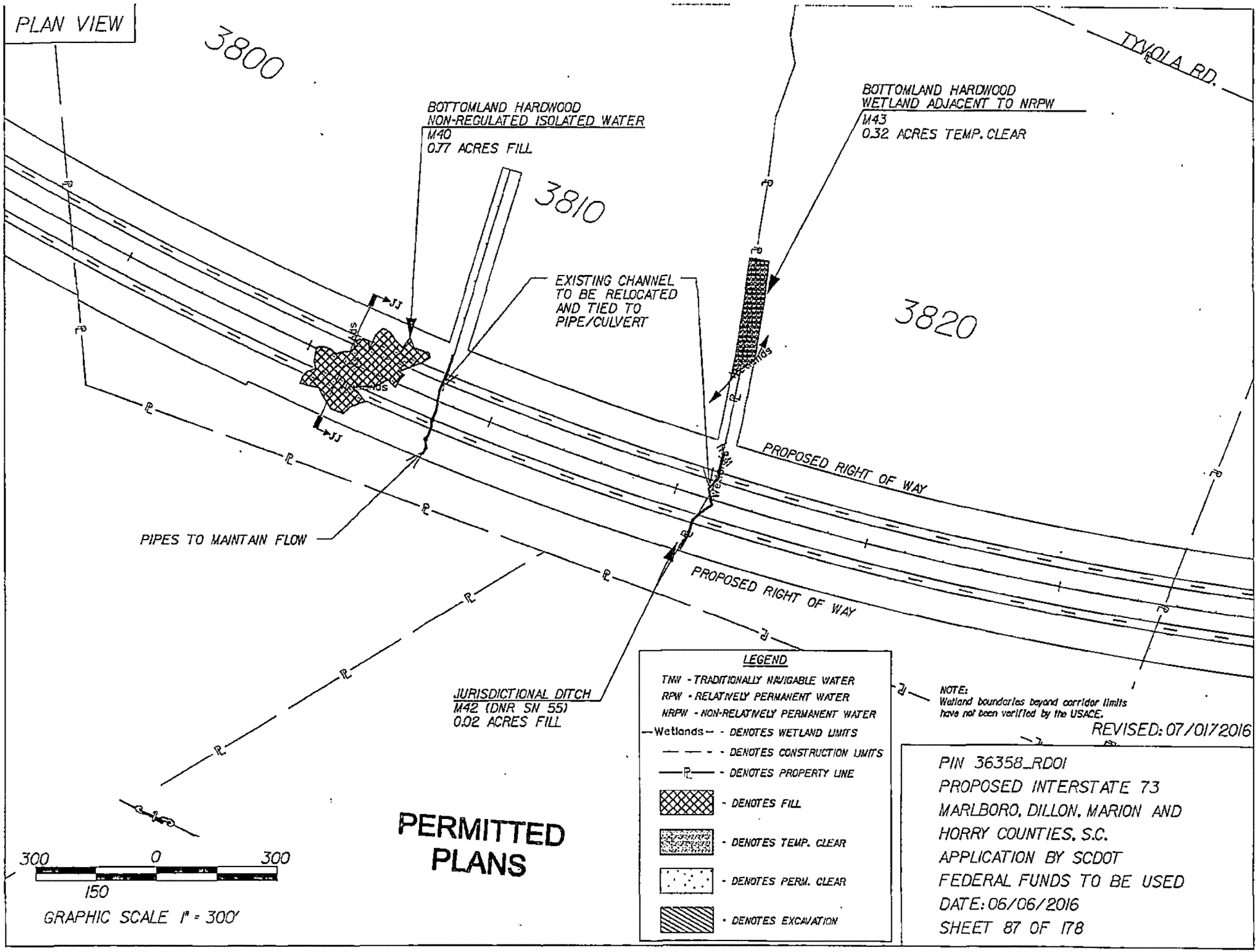
— — - DENOTES EXISTING GROUND LINE

▨ - DENOTES EXCAVATION

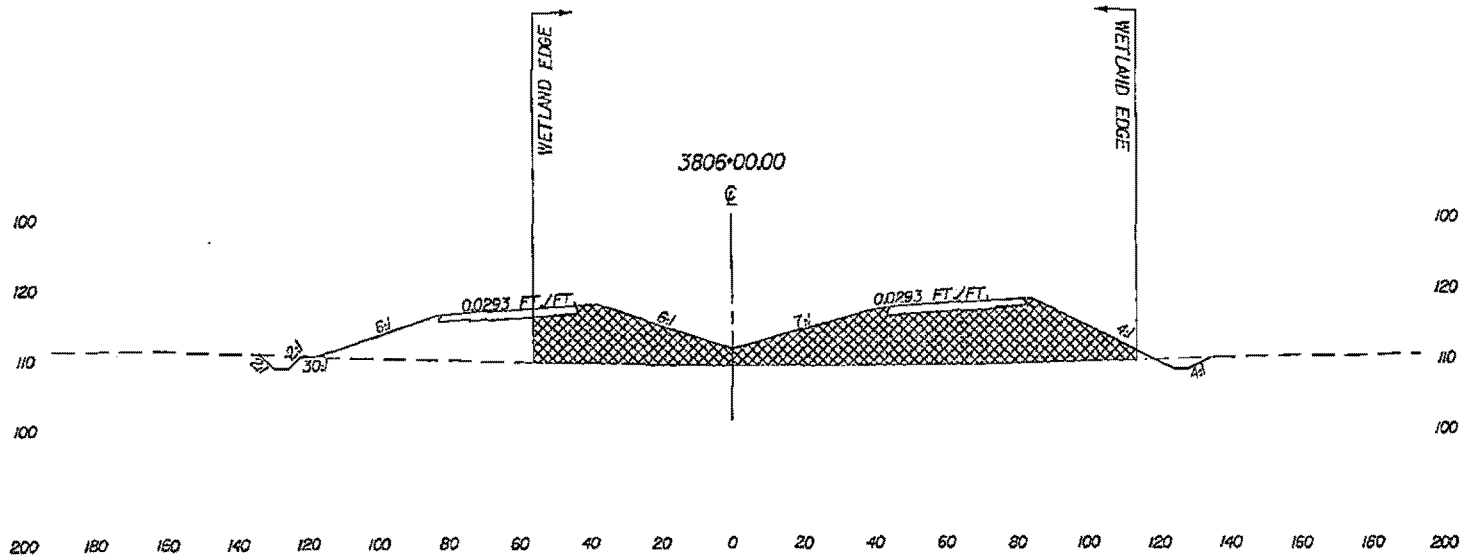
50 0 - 50
75 25 25 75
GRAPHIC SCALE 1" - 62.5' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 86 OF 178


PLAN VIEW
3800
3810
3820
TYNOLA RD.
BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
M40
0.77 ACRES FILL
BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
M43
0.32 ACRES TEMP. CLEAR
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
JURISDICTIONAL DITCH
M42 (DNR SN 55)
0.02 ACRES FILL
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 87 OF 178
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'

CROSS SECTION



SECTION JJ-JJ

- - - DENOTES EXISTING GROUND LINE

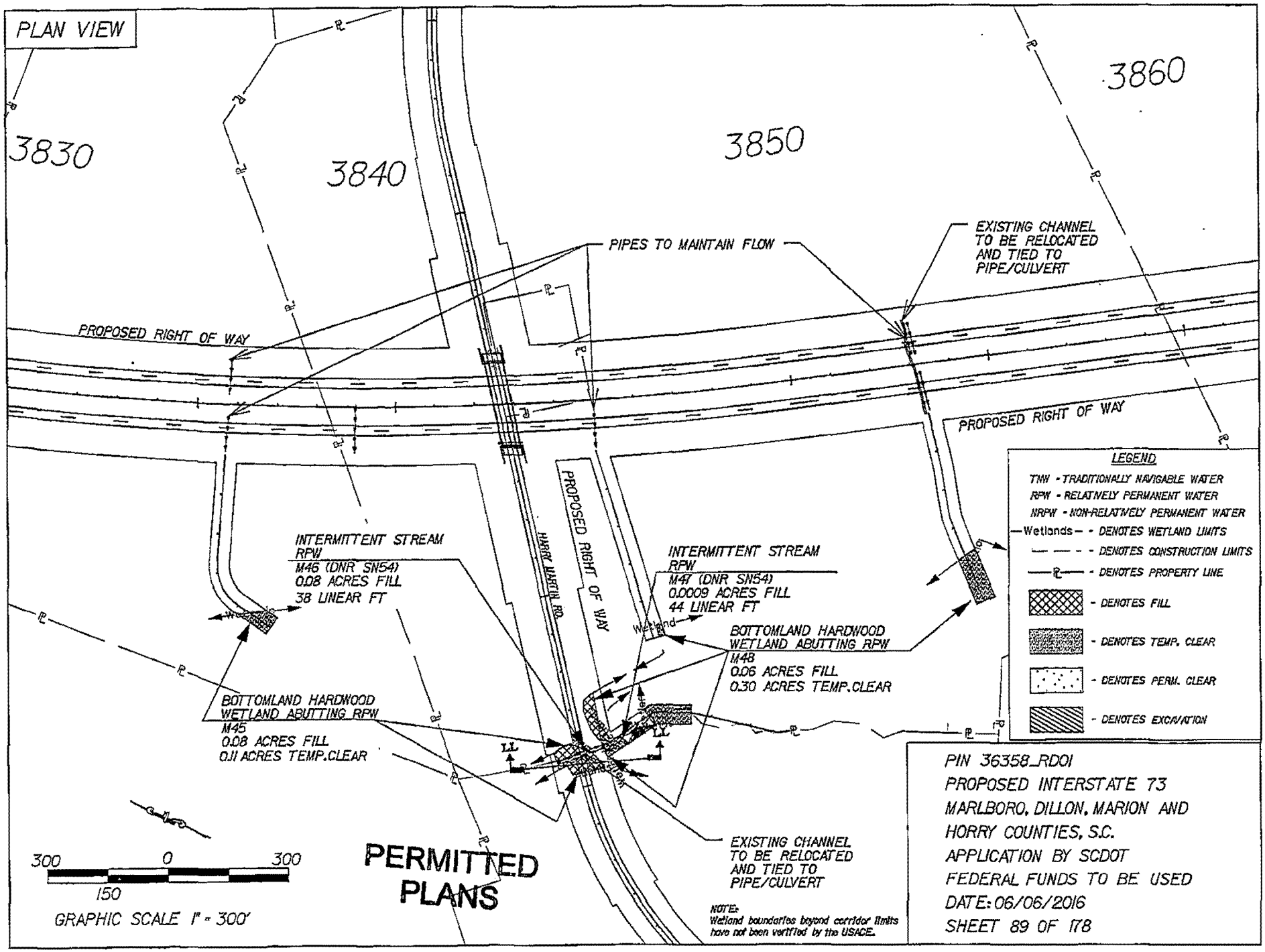
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

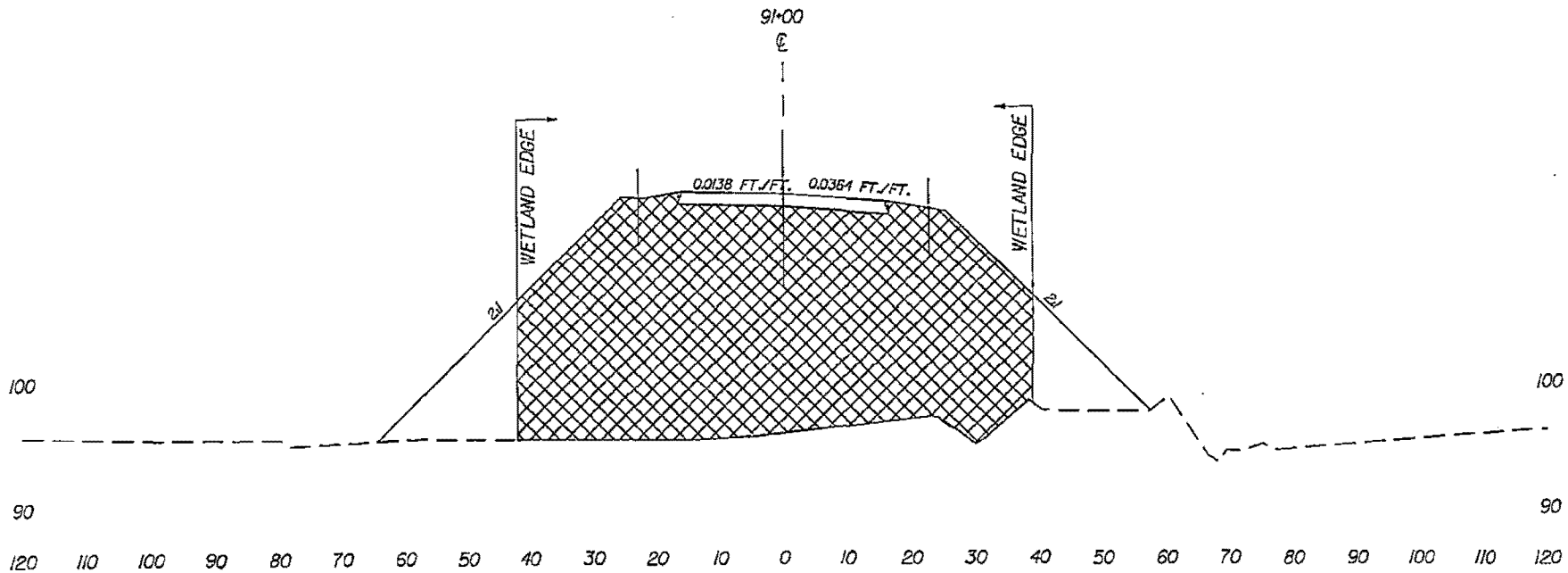
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 88 OF 178


PLAN VIEW
3830
3840
3850
3860
PIPES TO MAINTAIN FLOW
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
HARRY MARTIN RD.
INTERMITTENT STREAM
RPW
M46 (DNR SN54)
0.08 ACRES FILL
38 LINEAR FT
INTERMITTENT STREAM
RPW
M47 (DNR SN54)
0.0009 ACRES FILL
44 LINEAR FT
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
M48
0.06 ACRES FILL
0.30 ACRES TEMP.CLEAR
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
M45
0.08 ACRES FILL
0.11 ACRES TEMP.CLEAR
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 89 OF 178

CROSS SECTION



SECTION LL-LL

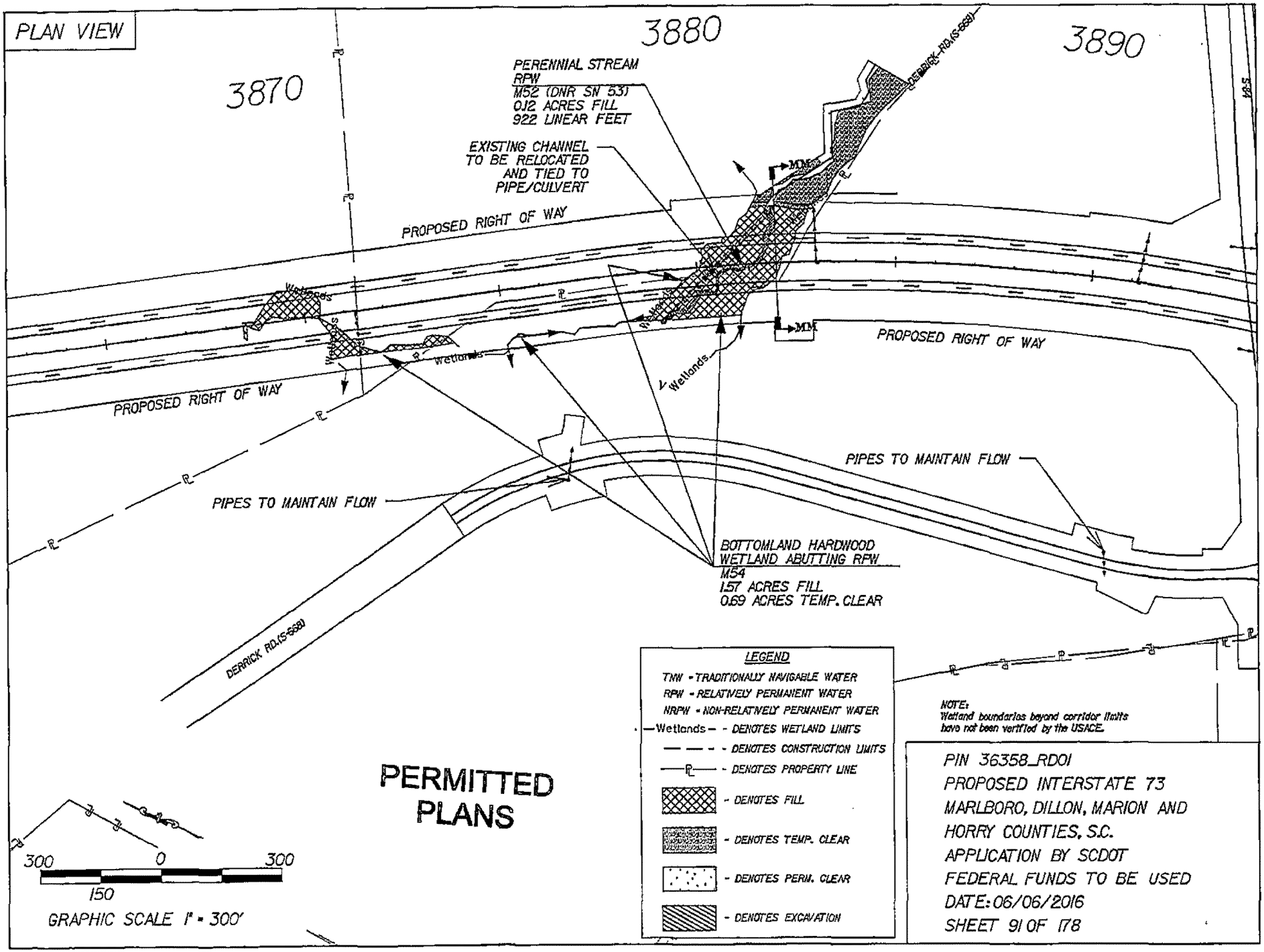
— — - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

25 0 25
12.5
GRAPHIC SCALE 1" = 25' HORIZ.

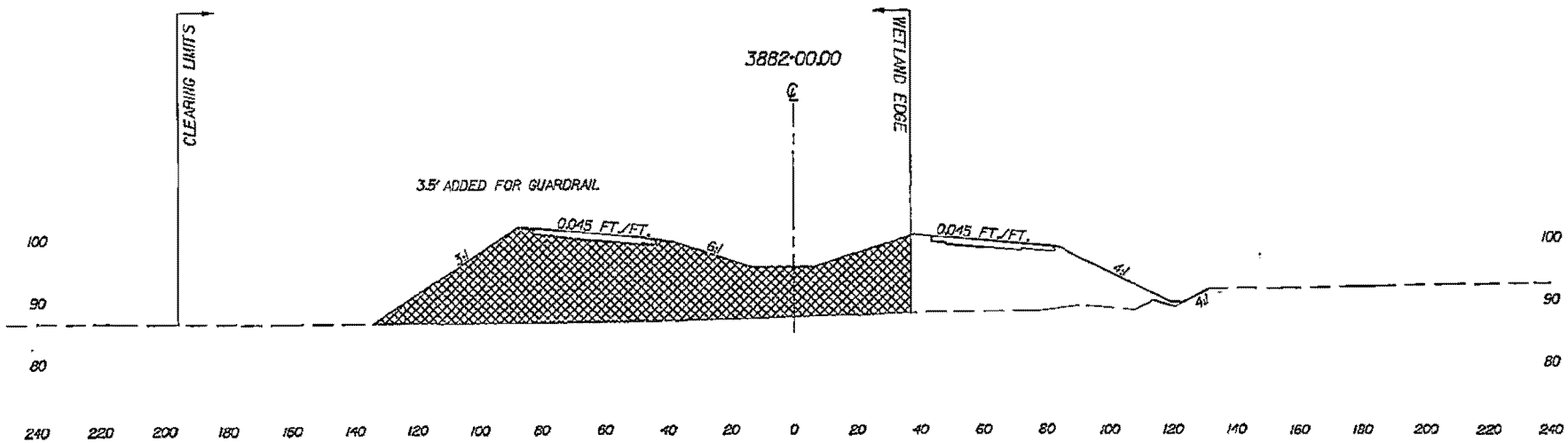
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 90 OF 178


PLAN VIEW
3870
3880
3890
PERENNIAL STREAM
RPW
M52 (DNR SN 53)
0.12 ACRES FILL
922 LINEAR FEET
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
Wetlands
Wetlands
MM
MM
PIPES TO MAINTAIN FLOW
PIPES TO MAINTAIN FLOW
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
M54
1.57 ACRES FILL
0.69 ACRES TEMP. CLEAR
DERRICK RD.(S-668)
DERRICK RD.(S-668)
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PERMITTED
PLANS
300
0
300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 91 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION MM-MM

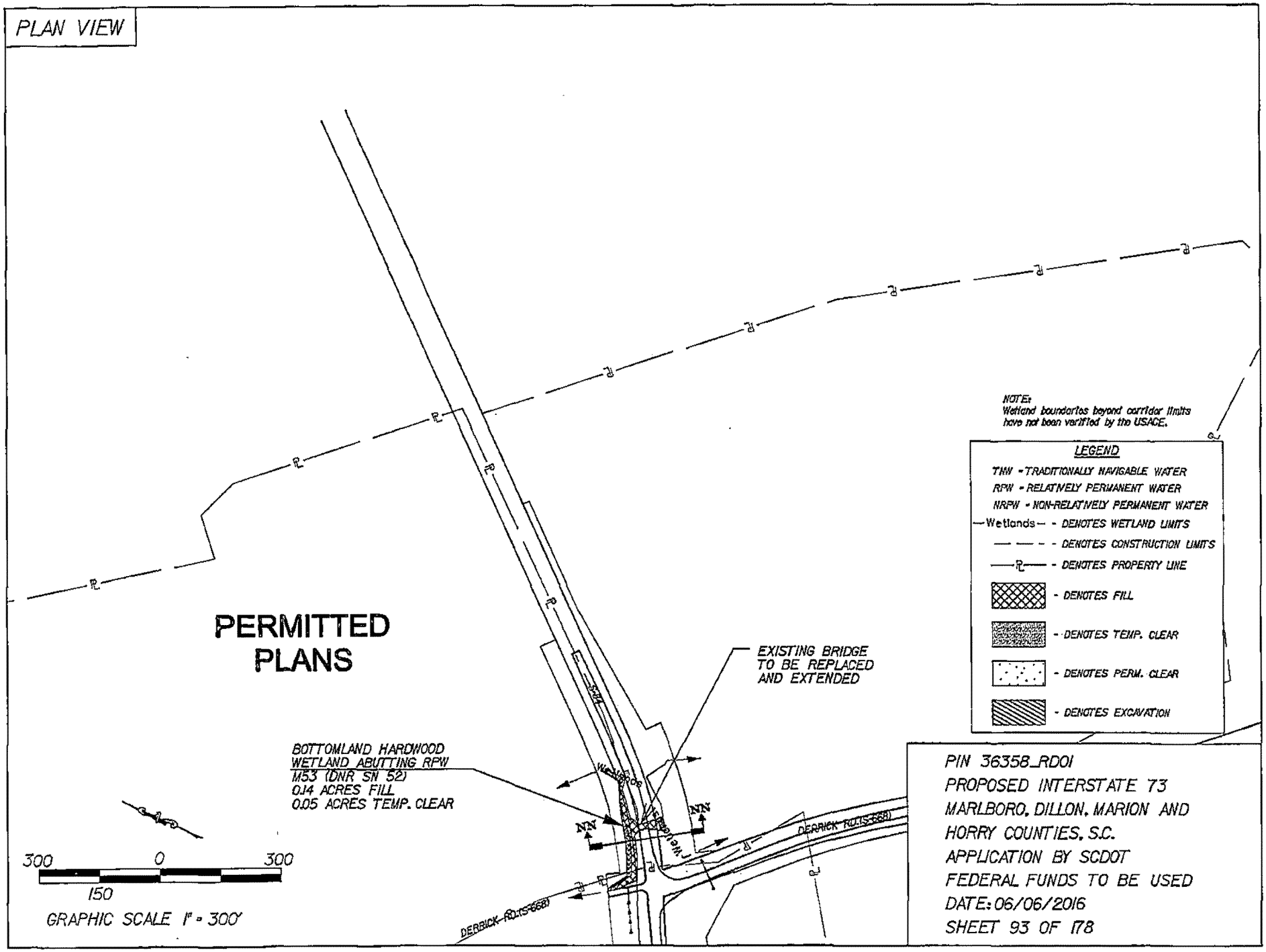
- - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

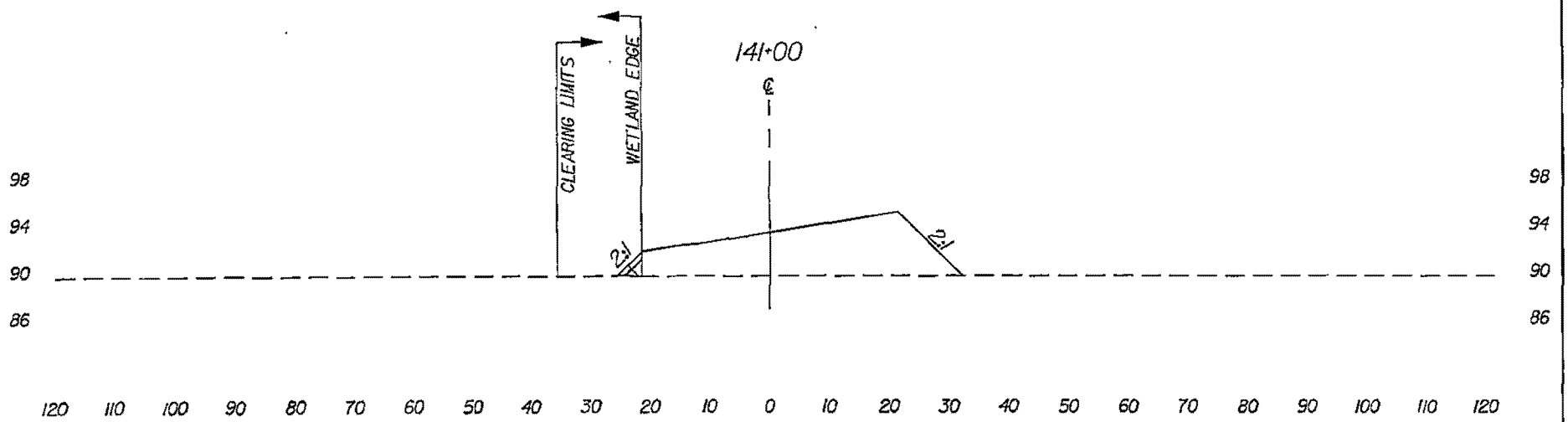
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 92 OF 178


PLAN VIEW
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
EXISTING BRIDGE TO BE REPLACED AND EXTENDED
BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
M53 (DNR SN 52)
0.14 ACRES FILL
0.05 ACRES TEMP. CLEAR
NN
NN
DERRICK RD.(S-668)
DERRICK RD.(S-668)
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 93 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



S-84

SECTION NN-NN

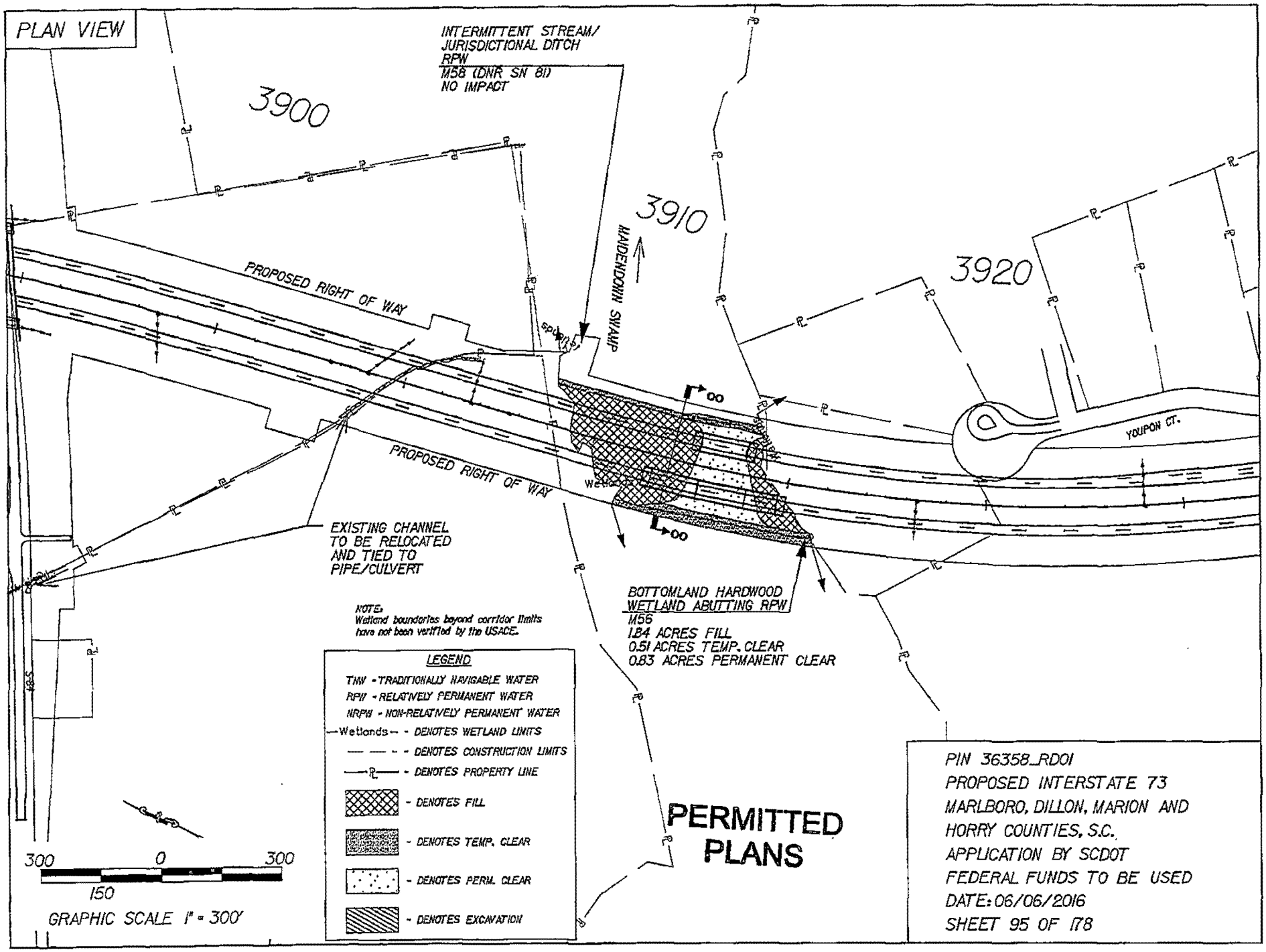
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

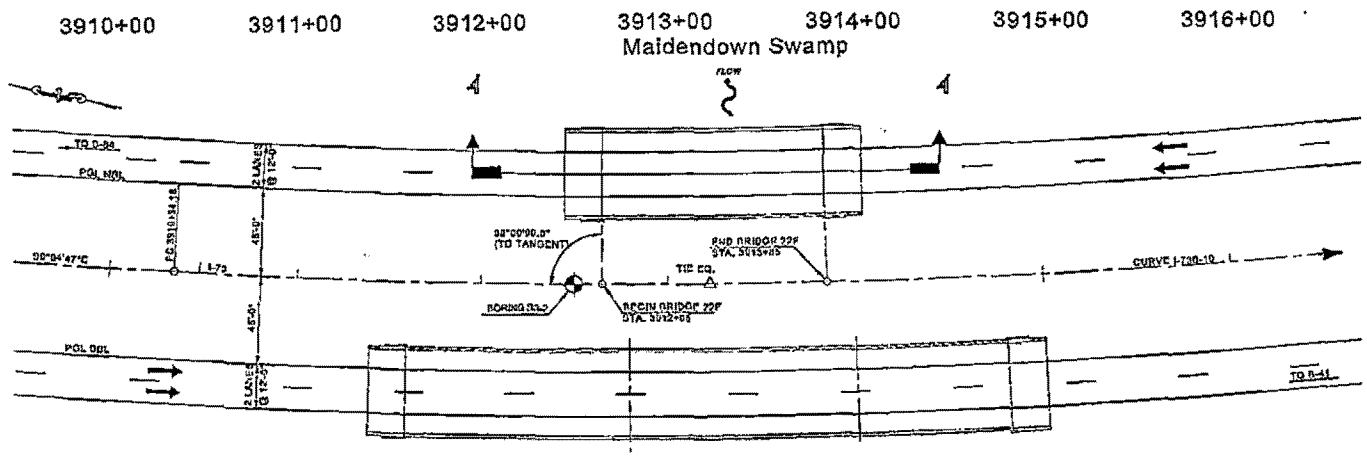
PERMITTED PLANS

25 0 25
12.5
GRAPHIC SCALE 1" = 25' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 94 OF 178


PLAN VIEW
INTERMITTENT STREAM/
JURISDICTIONAL DITCH
RPW
M58 (DNR SN 81)
NO IMPACT
3900
3910
3920
HAIDENDOWN SWAMP
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
YOUPON CT.
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
M56
1.84 ACRES FILL
0.51 ACRES TEMP. CLEAR
0.83 ACRES PERMANENT CLEAR
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 95 OF 178

PLAN & PROFILE VIEW



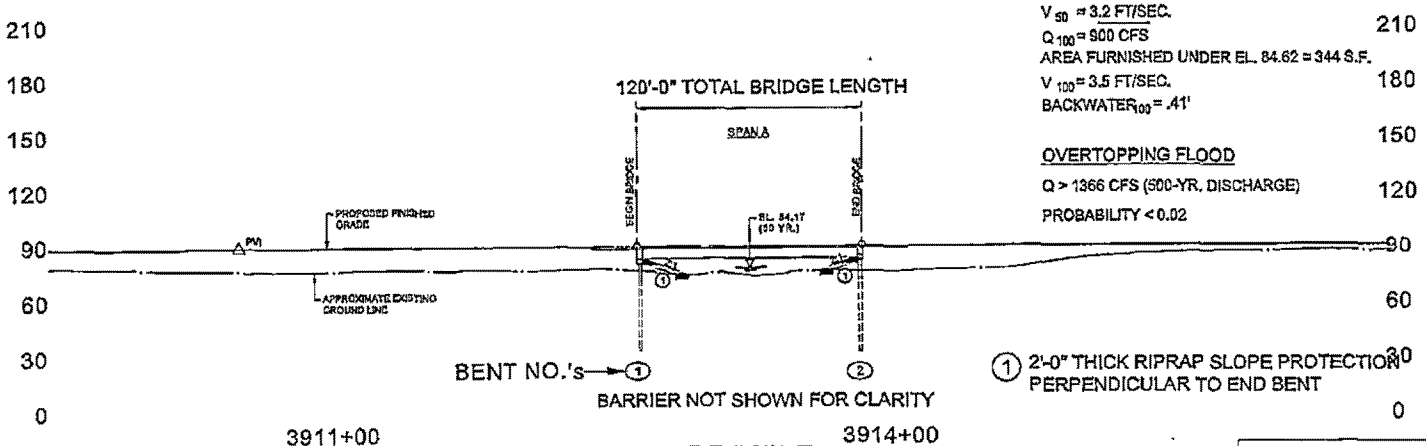
PLAN

HYDROLOGY DATA

D.A. = 5.36 SQ. MI.
Q_{50} = 728 CFS
AREA FURNISHED UNDER EL. 84.17 = 299 S.F.
V_{50} = 3.2 FT/SEC.
Q_{100} = 900 CFS
AREA FURNISHED UNDER EL. 84.62 = 344 S.F.
V_{100} = 3.5 FT/SEC.
$BACKWATER_{100}$ = .41'

OVERTOPPING FLOOD

Q > 1366 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



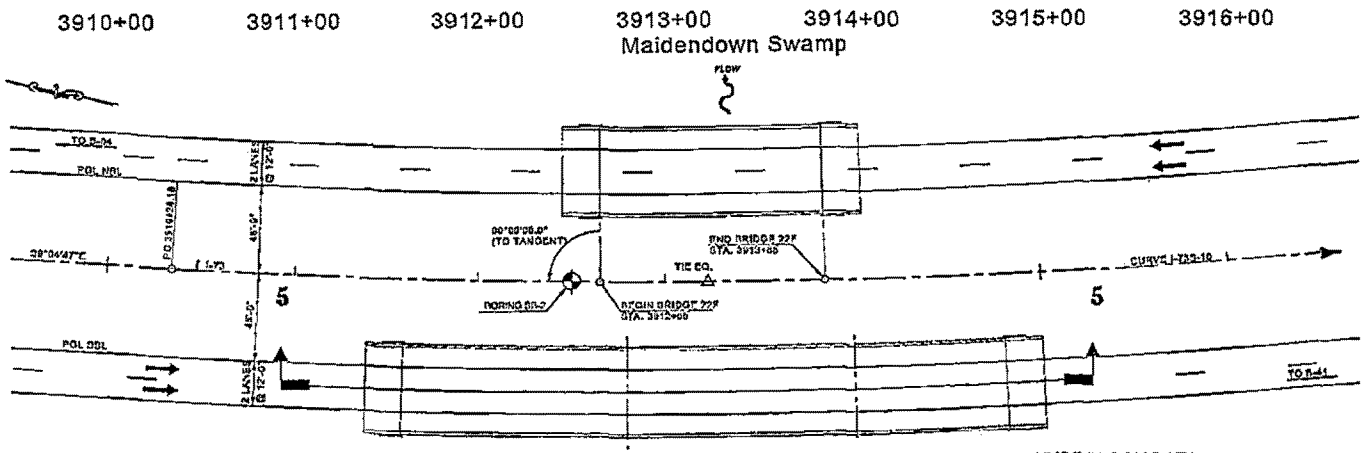
1 2'-0" THICK RIPRAP SLOPE PROTECTION PERPENDICULAR TO END BENT

PROFILE
4 - 4

PERMITTED PLANS

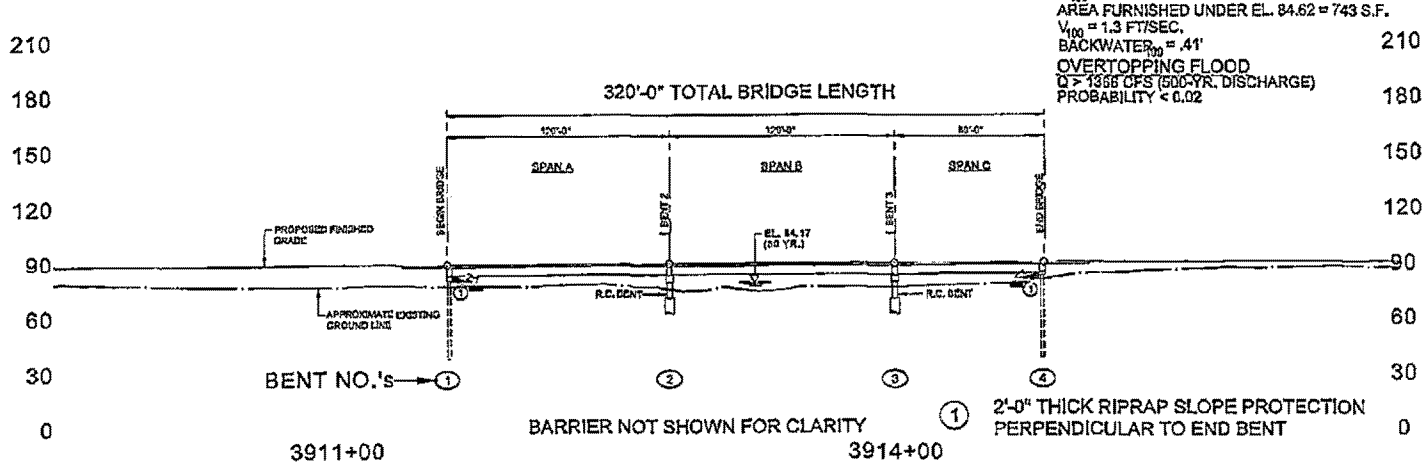
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 95A OF 178

PLAN & PROFILE VIEW



PLAN

HYDROLOGY DATA
D.A. = 5.36 SQ. MI.
Q_{50} = 728 CFS
AREA FURNISHED UNDER EL. 84.17 = 603 S.F.
V_{50} = 1.3 FT/SEC.
Q_{100} = 900 CFS
AREA FURNISHED UNDER EL. 84.62 = 743 S.F.
V_{100} = 1.3 FT/SEC.
$BACKWATER_{100}$ = .41'
OVERTOPPING FLOOD
Q > 1366 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



1 2'-0" THICK RIPRAP SLOPE PROTECTION PERPENDICULAR TO END BENT

PROFILE

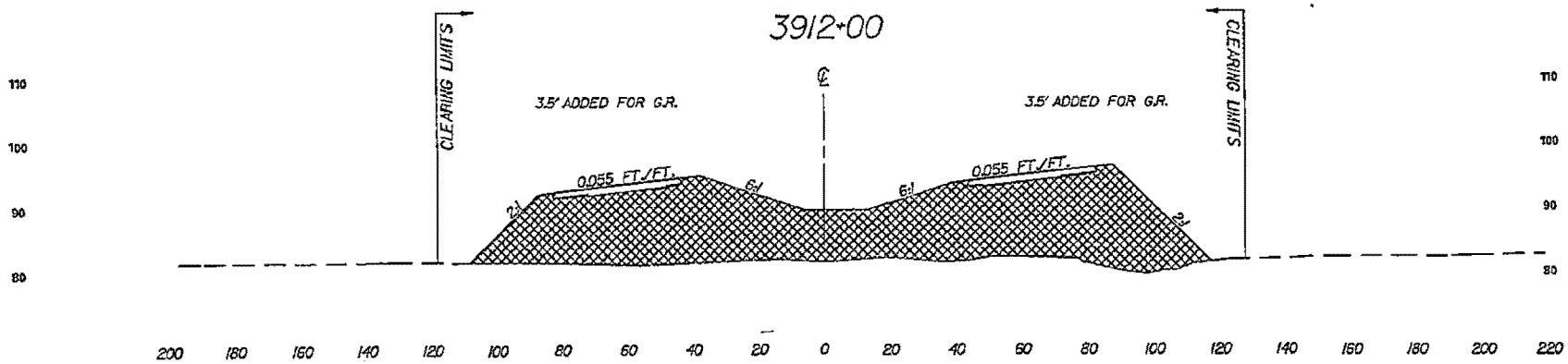
5 - 5

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 95B OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION 00-00

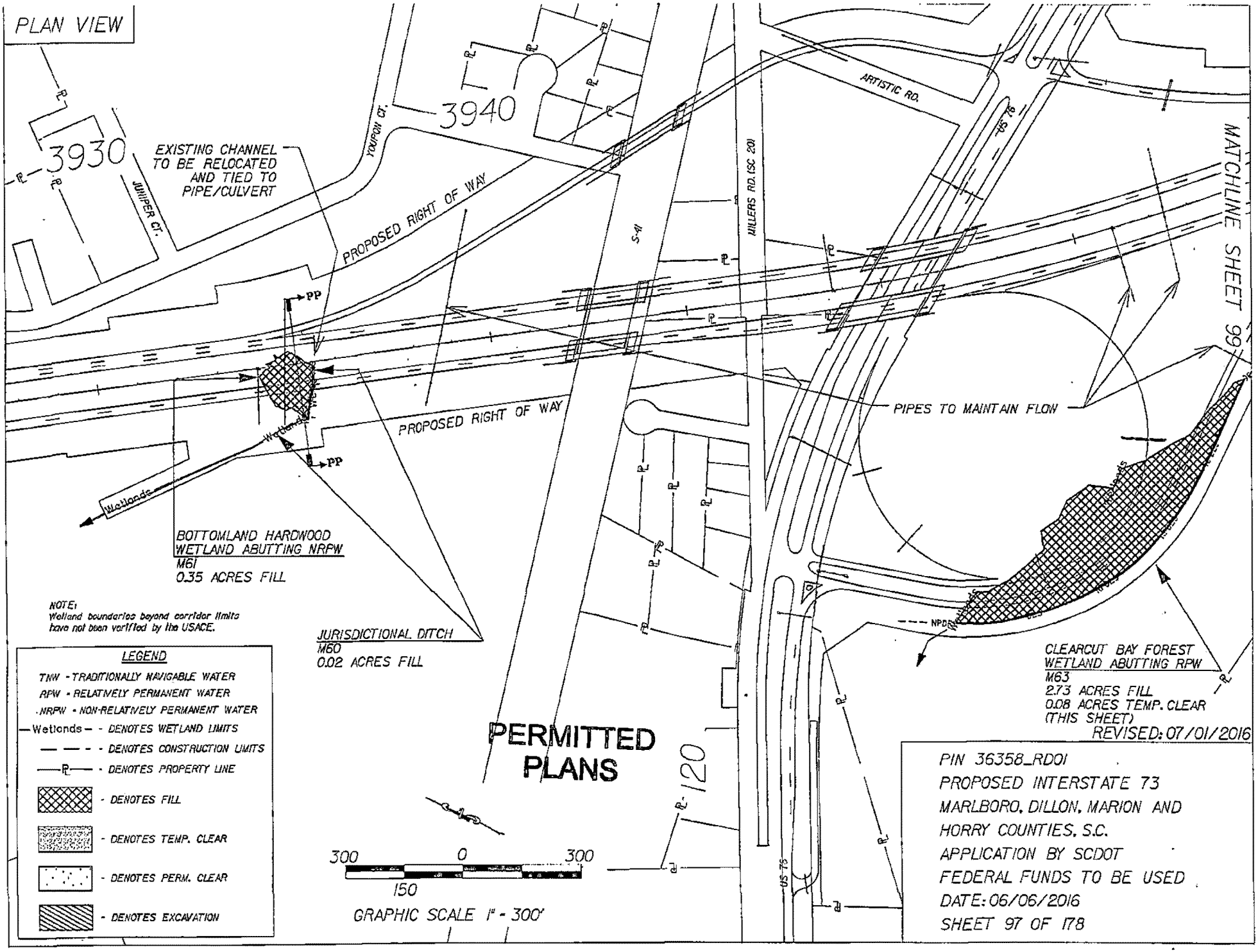
PERMITTED
PLANS

— — - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

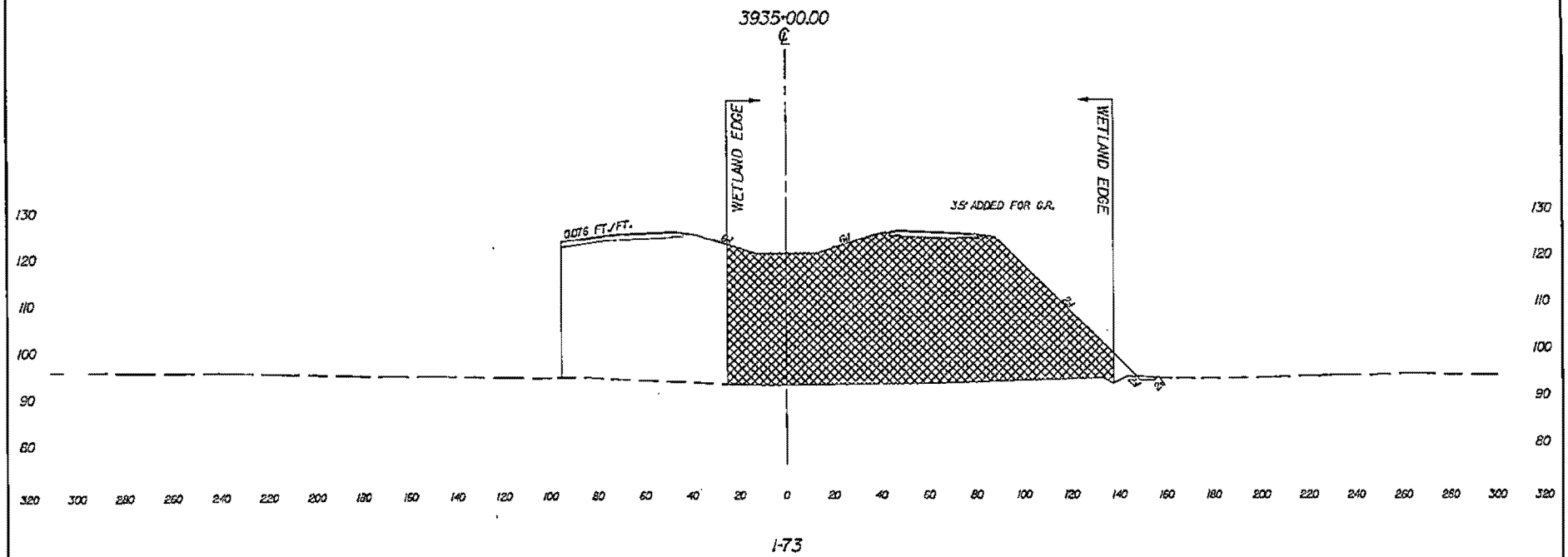
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 96 OF 178


PLAN VIEW
3930
3940
JUNIPER CT.
YOUPON CT.
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
ARTISTIC RD.
MILLERS RD. (SC 201)
S-41
US 76
MATCHLINE SHEET 99
PIPES TO MAINTAIN FLOW
PP
PP
Wetlands
Wetlands
BOTTOMLAND HARDWOOD WETLAND ABUTTING NRPW
M61
0.35 ACRES FILL
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
JURISDICTIONAL DITCH
M60
0.02 ACRES FILL
NPD
CLEARCUT BAY FOREST WETLAND ABUTTING RPW
M63
2.73 ACRES FILL
0.08 ACRES TEMP. CLEAR (THIS SHEET)
REVISED: 07/01/2016
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
120
300 0 300
150
GRAPHIC SCALE 1" - 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 97 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION PP-PP

— — - DENOTES EXISTING GROUND LINE

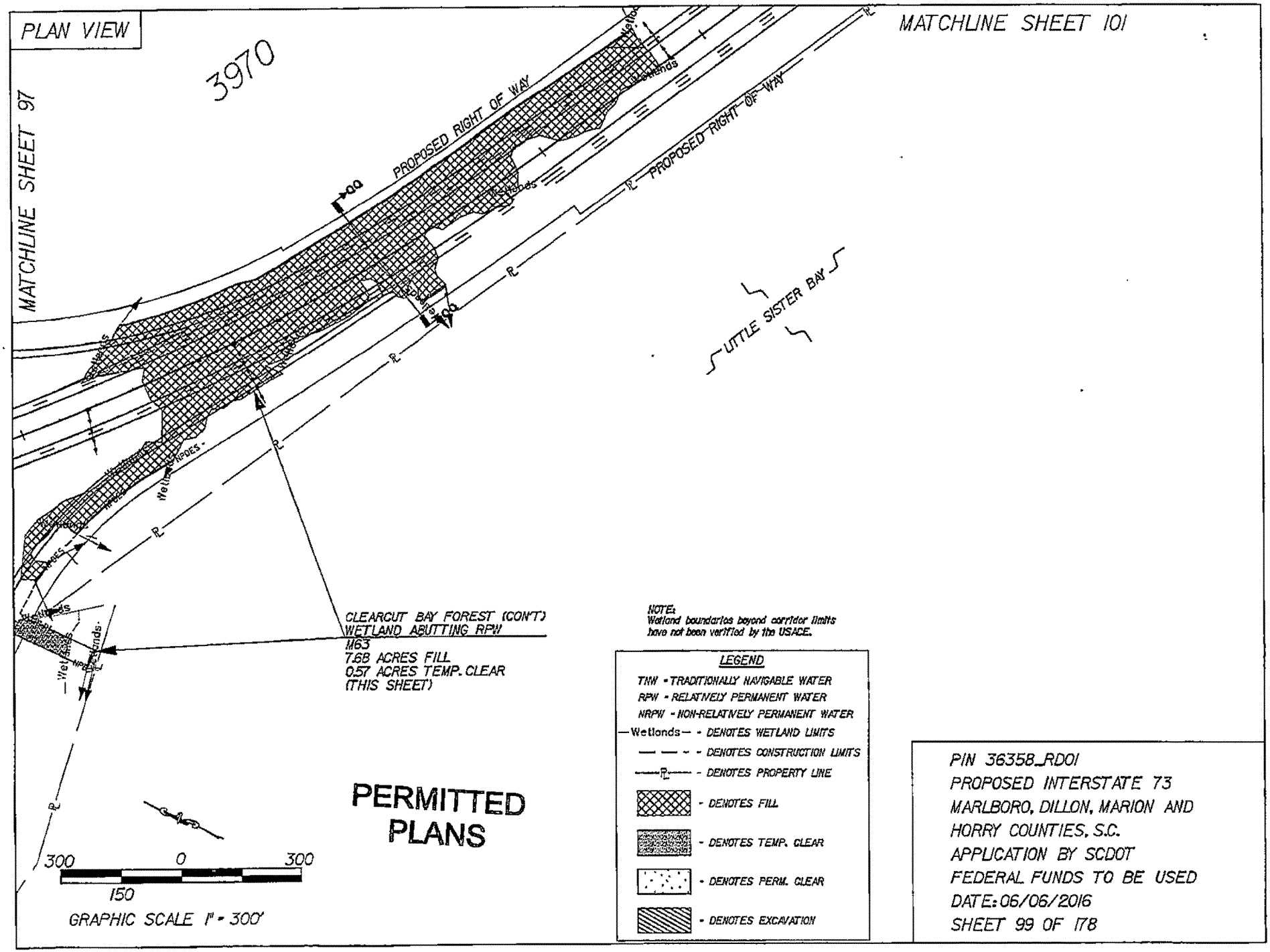
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

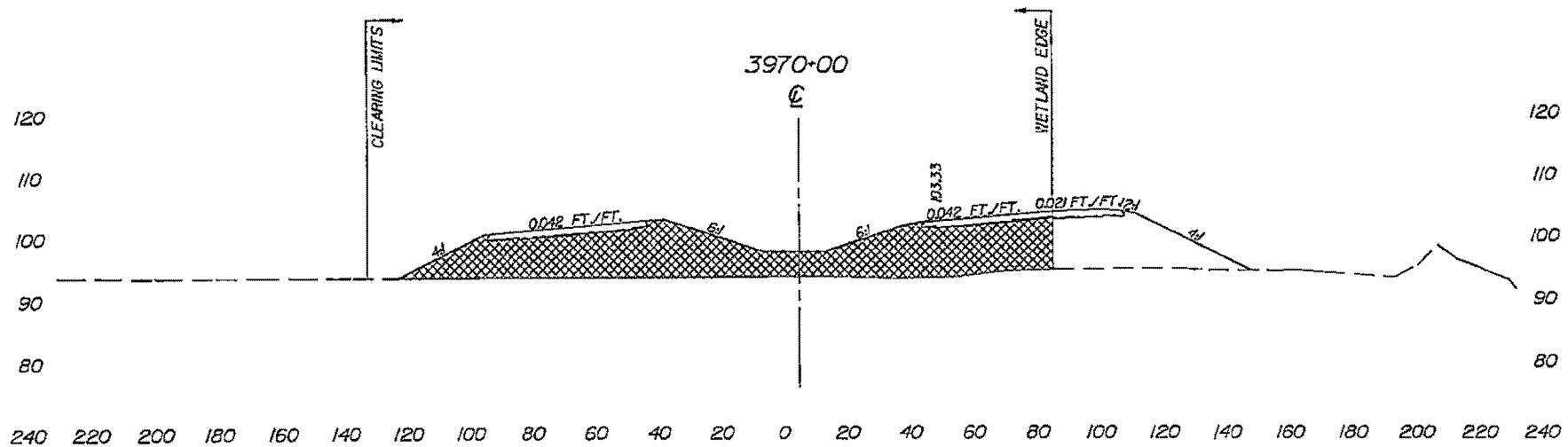
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 98 OF 178


PLAN VIEW
MATCHLINE SHEET 97
MATCHLINE SHEET 101
3970
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
LITTLE SISTER BAY
Wetlands
CLEARCUT BAY FOREST (CON'T)
WETLAND ABUTTING RPW
M63
7.68 ACRES FILL
0.57 ACRES TEMP. CLEAR
(THIS SHEET)
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 99 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION QQ-QQ

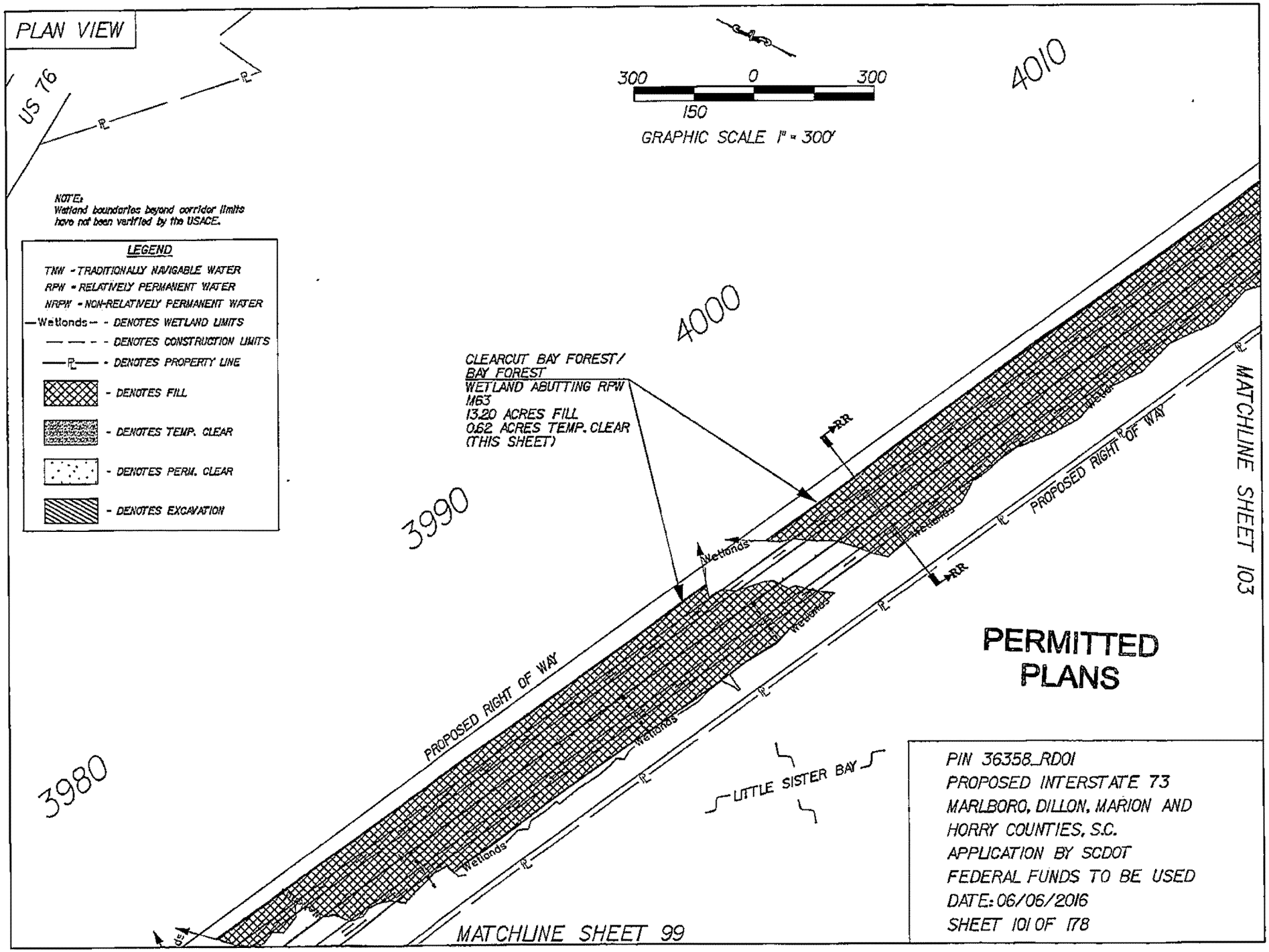
- - - - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

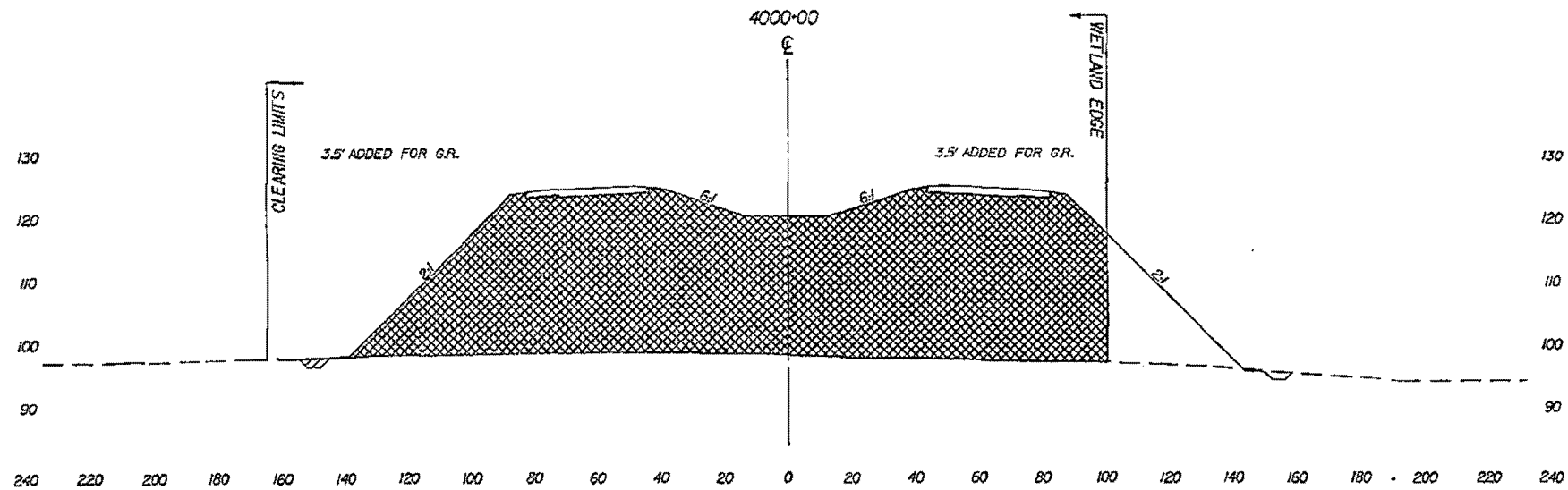
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 100 OF 178


PLAN VIEW
US 76
300 0 300
150
GRAPHIC SCALE 1" = 300'
4010
4000
3990
3980
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
CLEARCUT BAY FOREST/
BAY FOREST
WETLAND ABUTTING RPW
M63
13.20 ACRES FILL
0.62 ACRES TEMP. CLEAR
(THIS SHEET)
RR
Wetlands
PROPOSED RIGHT OF WAY
MATCHLINE SHEET 103
LITTLE SISTER BAY
MATCHLINE SHEET 99
PERMITTED
PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 101 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

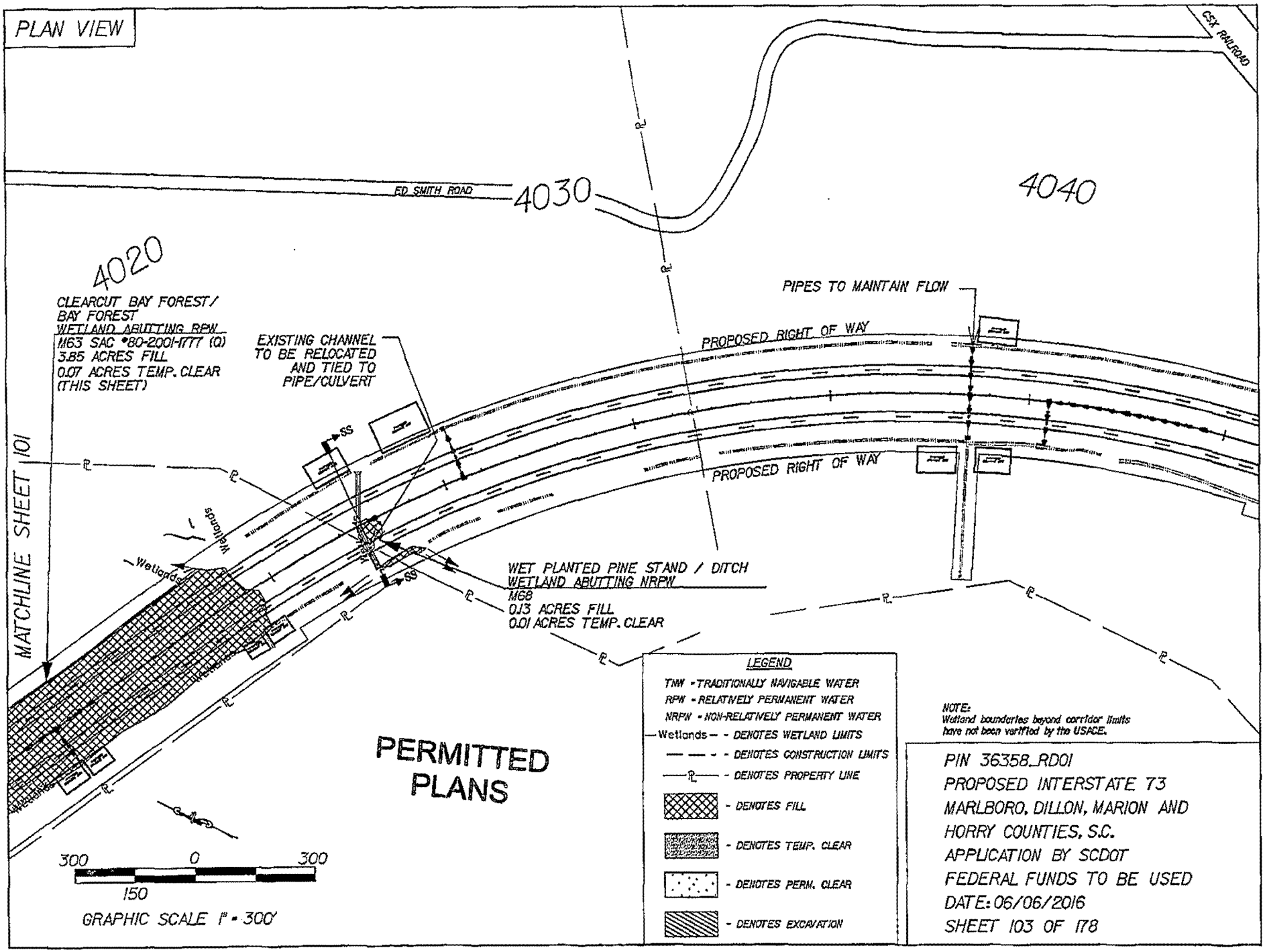
▨ - DENOTES EXCAVATION

SECTION RR-RR

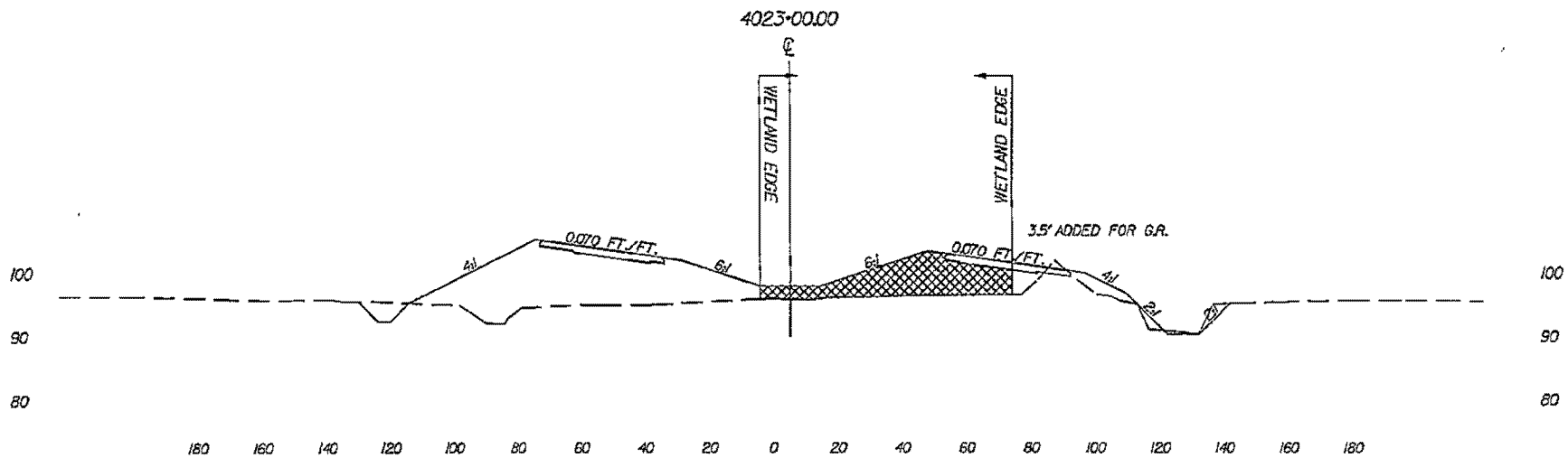
PERMITTED PLANS

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 102 OF 178


PLAN VIEW
CSX RAILROAD
ED SMITH ROAD
4030
4040
4020
CLEARCUT BAY FOREST/
BAY FOREST
WETLAND ABUTTING RPW
M63 SAC #80-2001-1777 (Q)
3.85 ACRES FILL
0.07 ACRES TEMP. CLEAR
(THIS SHEET)
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PIPES TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
MATCHLINE SHEET 101
Wetlands
Wetlands
WET PLANTED PINE STAND / DITCH
WETLAND ABUTTING NRPW
M68
0.13 ACRES FILL
0.01 ACRES TEMP. CLEAR
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
LEGEND
TNW = TRADITIONALLY NAVIGABLE WATER
RPW = RELATIVELY PERMANENT WATER
NRPW = NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 103 OF 178

CROSS SECTION



SECTION SS-SS

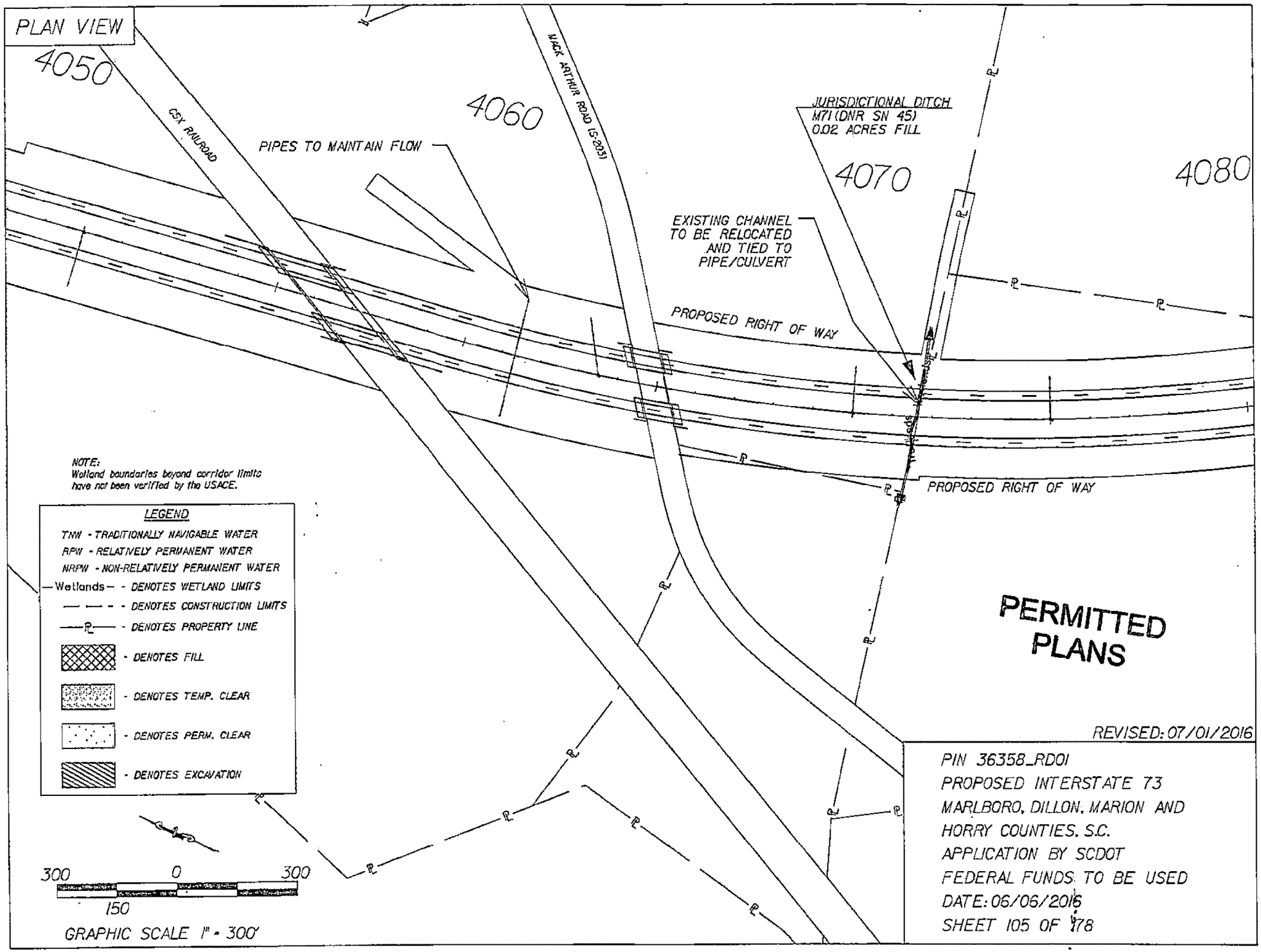
- - - - DENOTES EXISTING GROUND LINE

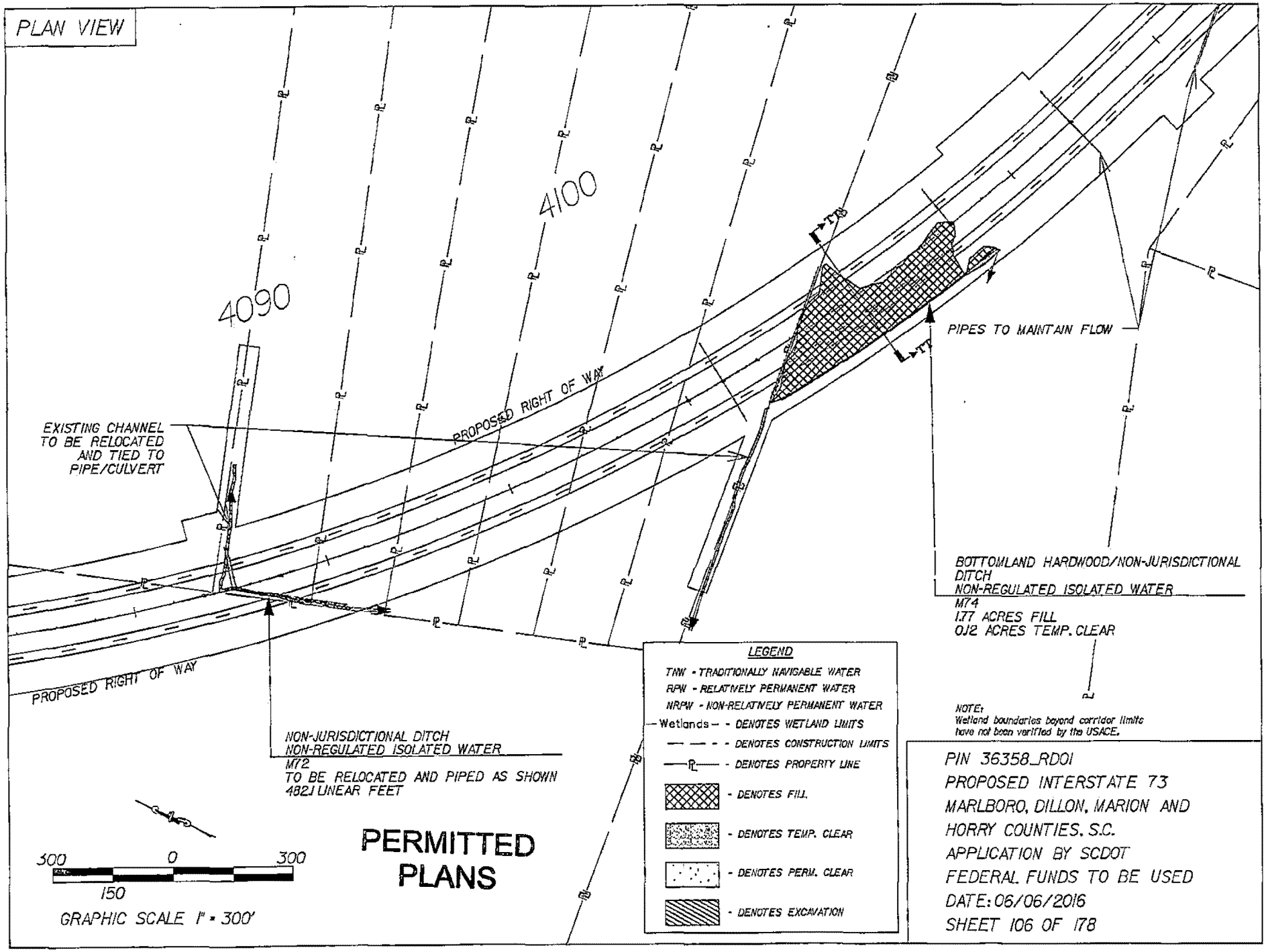
▨ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

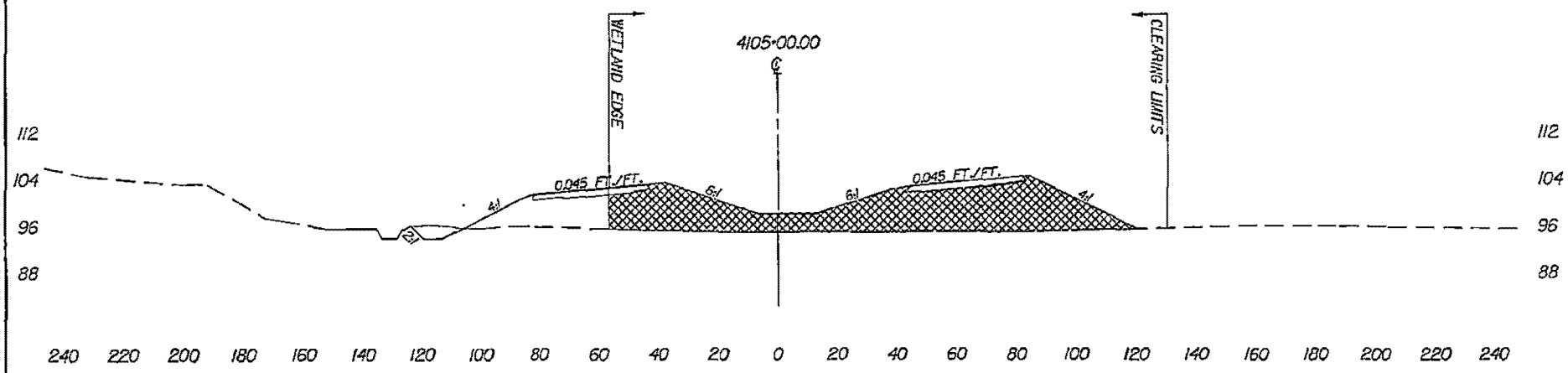
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 104 OF 178


PLAN VIEW
4050
4060
4070
4080
CSX RAILROAD
MACK ARTHUR ROAD (S-2051)
PIPES TO MAINTAIN FLOW
JURISDICTIONAL DITCH
M71 (DNR SN 45)
0.02 ACRES FILL
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 105 OF 178


PLAN VIEW
4090
4100
PROPOSED RIGHT OF WAY
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PIPES TO MAINTAIN FLOW
BOTTOMLAND HARDWOOD/NON-JURISDICTIONAL DITCH
NON-REGULATED ISOLATED WATER
M74
1.77 ACRES FILL
0.12 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
NON-JURISDICTIONAL DITCH
NON-REGULATED ISOLATED WATER
M72
TO BE RELOCATED AND PIPED AS SHOWN
482.1 LINEAR FEET
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 106 OF 178

CROSS SECTION



SECTION TT-TT

— — - DENOTES EXISTING GROUND LINE

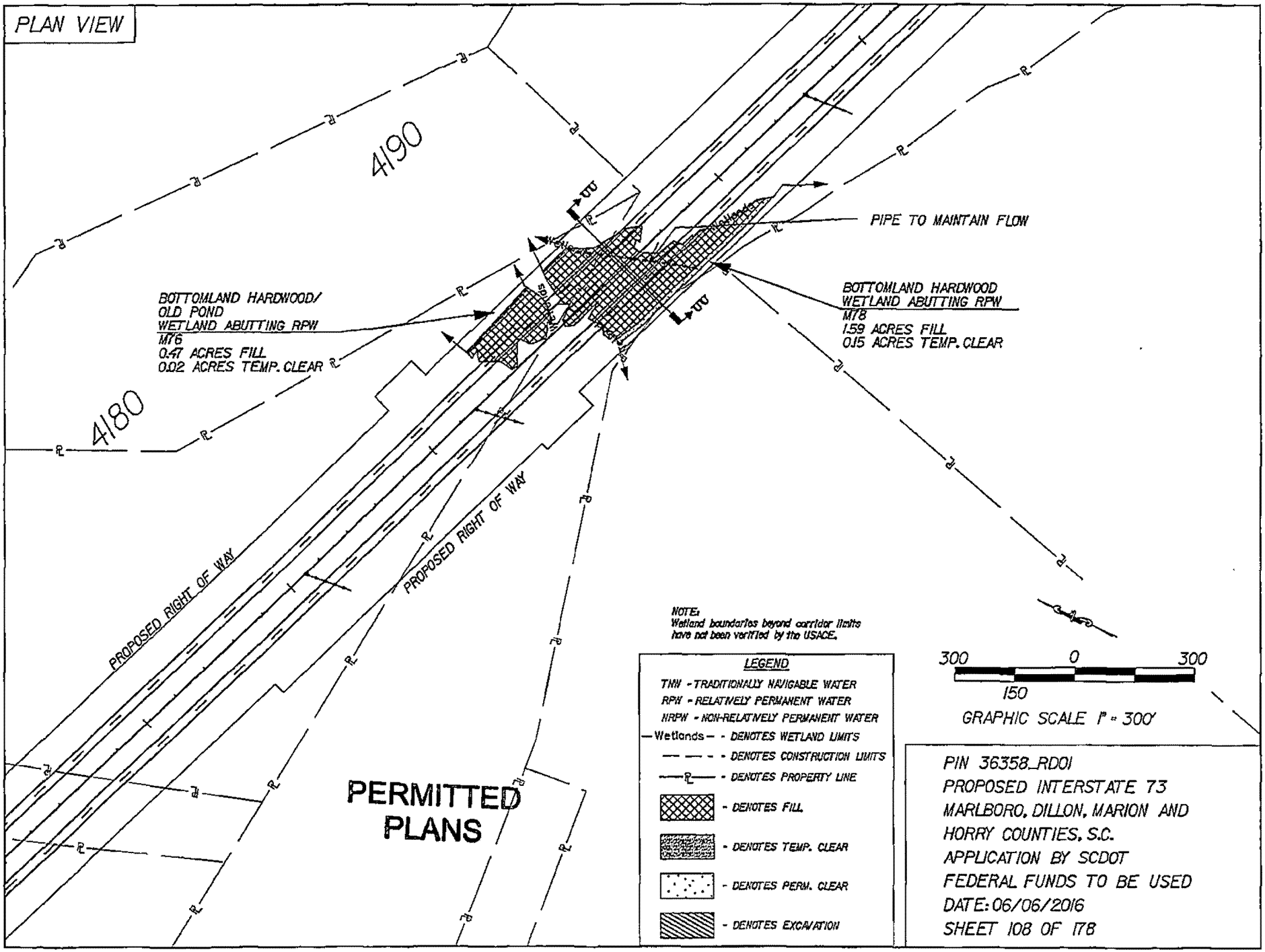
▩ - DENOTES FILL

50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

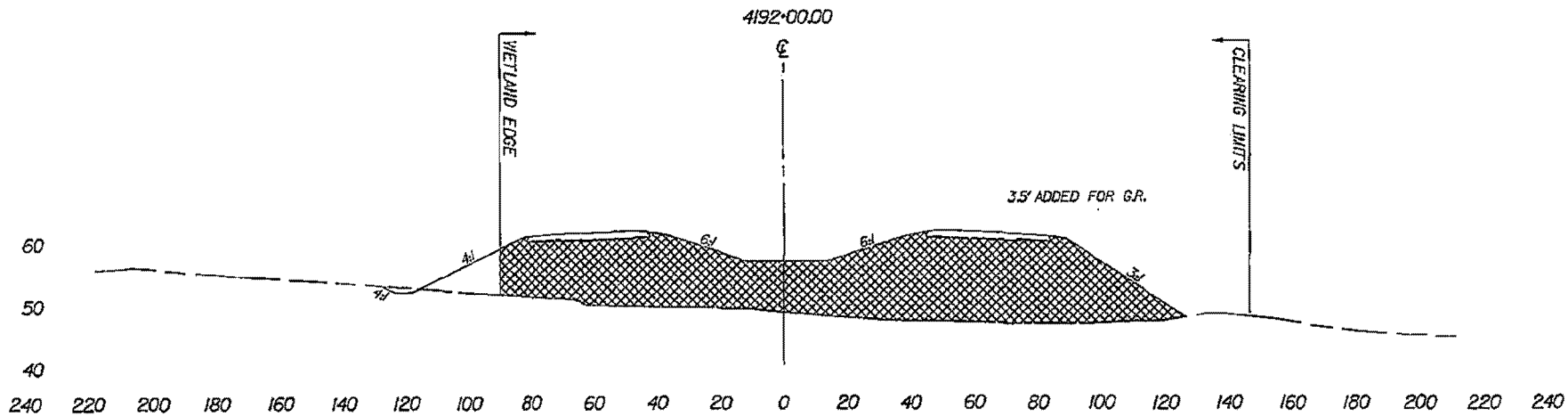
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 107 OF 178


PLAN VIEW
4190
4180
BOTTOMLAND HARDWOOD/
OLD POND
WETLAND ABUTTING RPW
M76
0.47 ACRES FILL
0.02 ACRES TEMP. CLEAR
PIPE TO MAINTAIN FLOW
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
M78
1.59 ACRES FILL
0.15 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 108 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION UU-UU

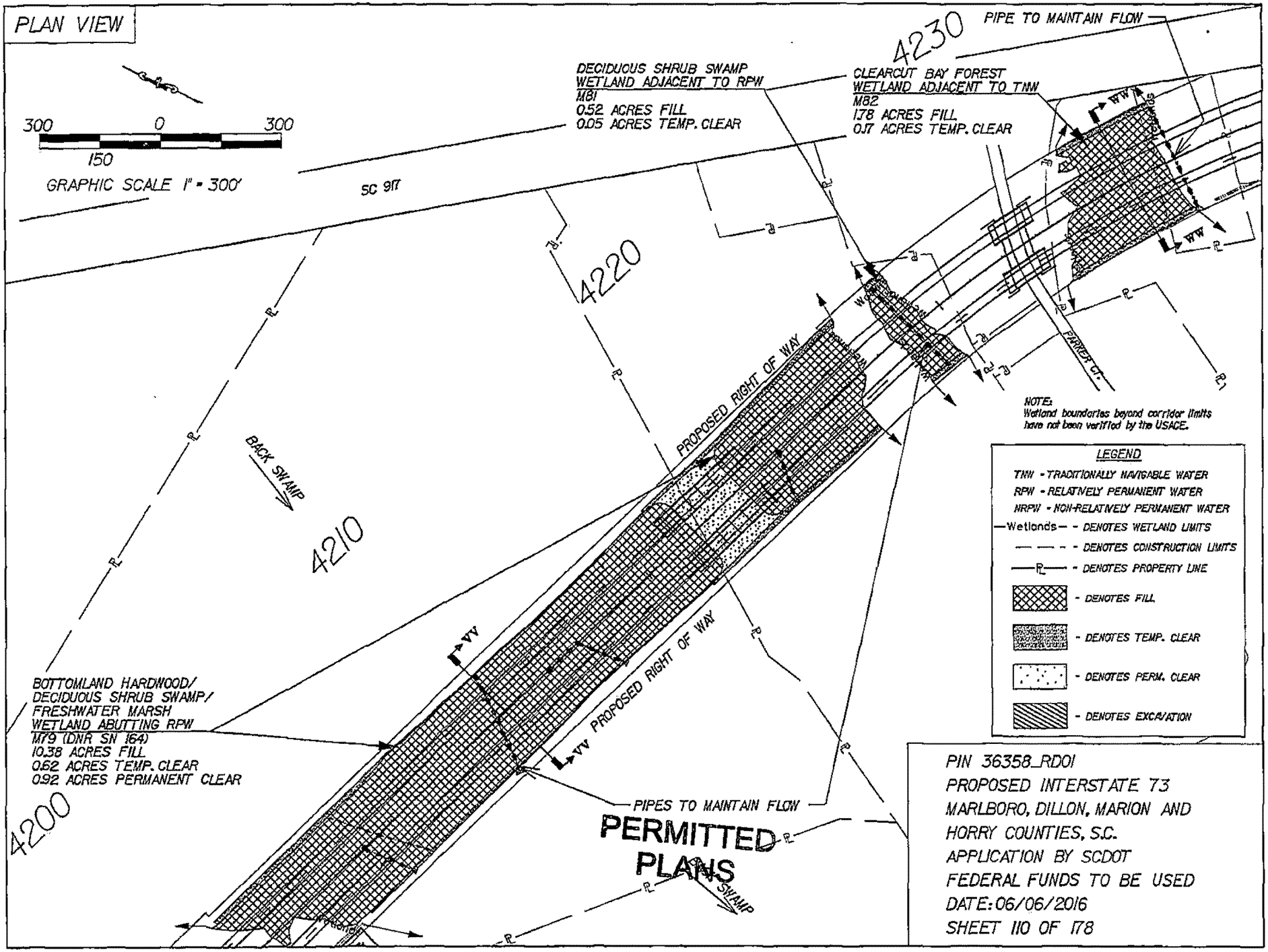
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

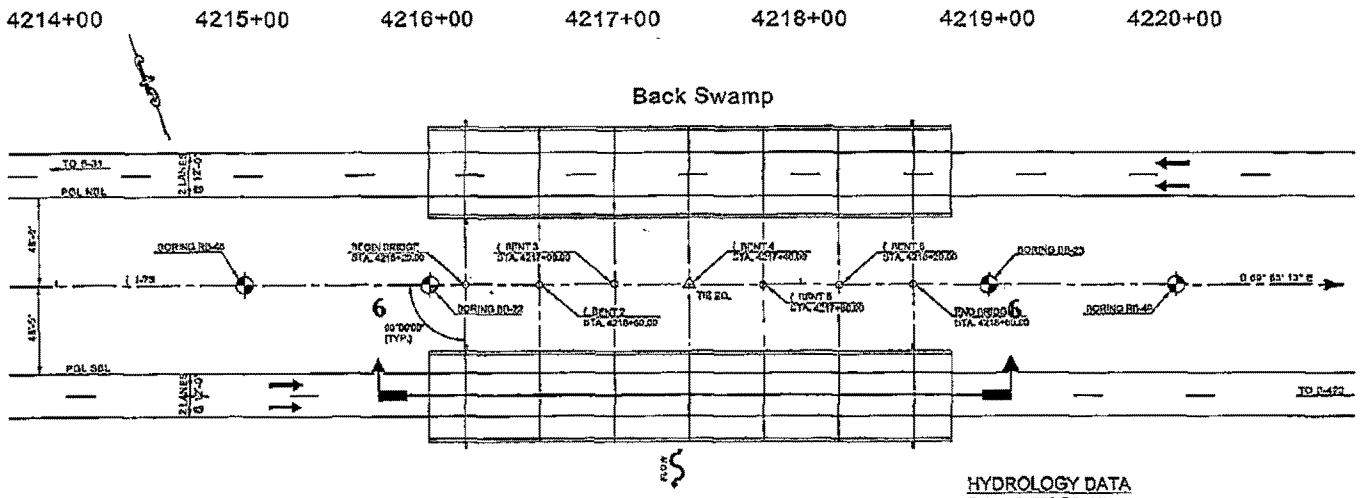
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 109 OF 178

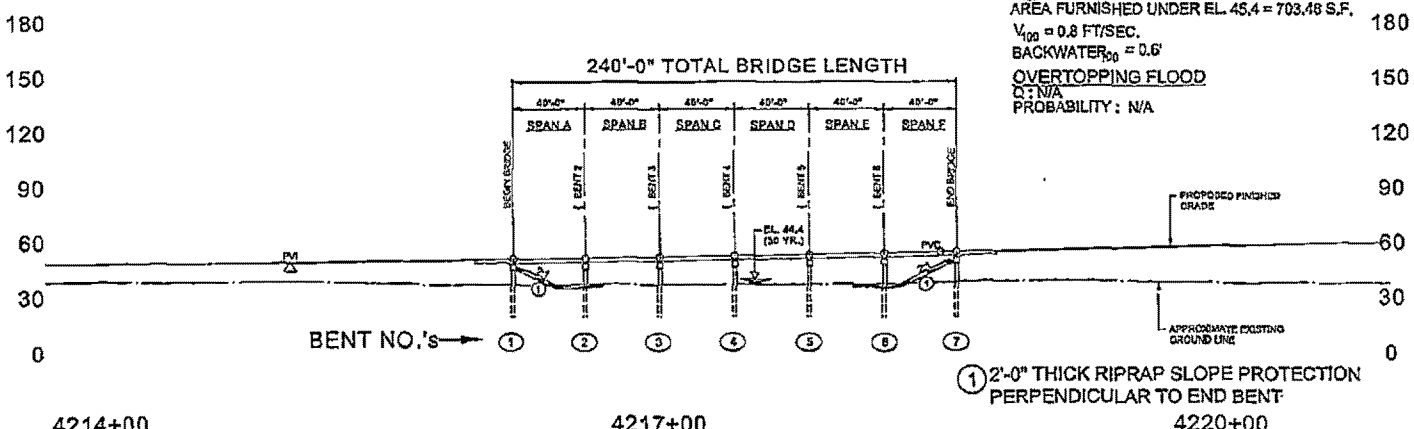

PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
SC 917
DECIDUOUS SHRUB SWAMP WETLAND ADJACENT TO RPW
M81
0.52 ACRES FILL
0.05 ACRES TEMP. CLEAR
CLEARCUT BAY FOREST WETLAND ADJACENT TO TNW
M82
1.78 ACRES FILL
0.17 ACRES TEMP. CLEAR
PIPE TO MAINTAIN FLOW
4230
4220
4210
4200
BACK SWAMP
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PARKER CT.
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
BOTTOMLAND HARDWOOD/ DECIDUOUS SHRUB SWAMP/ FRESHWATER MARSH WETLAND ABUTTING RPW
M79 (DNR SN 164)
10.38 ACRES FILL
0.62 ACRES TEMP. CLEAR
0.92 ACRES PERMANENT CLEAR
PIPES TO MAINTAIN FLOW
PERMITTED PLANS
SWAMP
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 110 OF 178

PLAN & PROFILE VIEW



PLAN

HYDROLOGY DATA
D.A. = 2, 730 SQ. MI.
Q_{50} = 58 CFS
AREA FURNISHED UNDER EL. 44.4 = 502.11 S.F.
V_{50} = 0.1 FT/SEC.
Q_{100} = 700 CFS
AREA FURNISHED UNDER EL. 45.4 = 703.48 S.F.
V_{100} = 0.8 FT/SEC.
$BACKWATER_{100}$ = 0.6'
OVERTOPPING FLOOD
Q : N/A
PROBABILITY : N/A



(1) 2'-0" THICK RIPRAP SLOPE PROTECTION PERPENDICULAR TO END BENT

4214+00 4217+00 4220+00

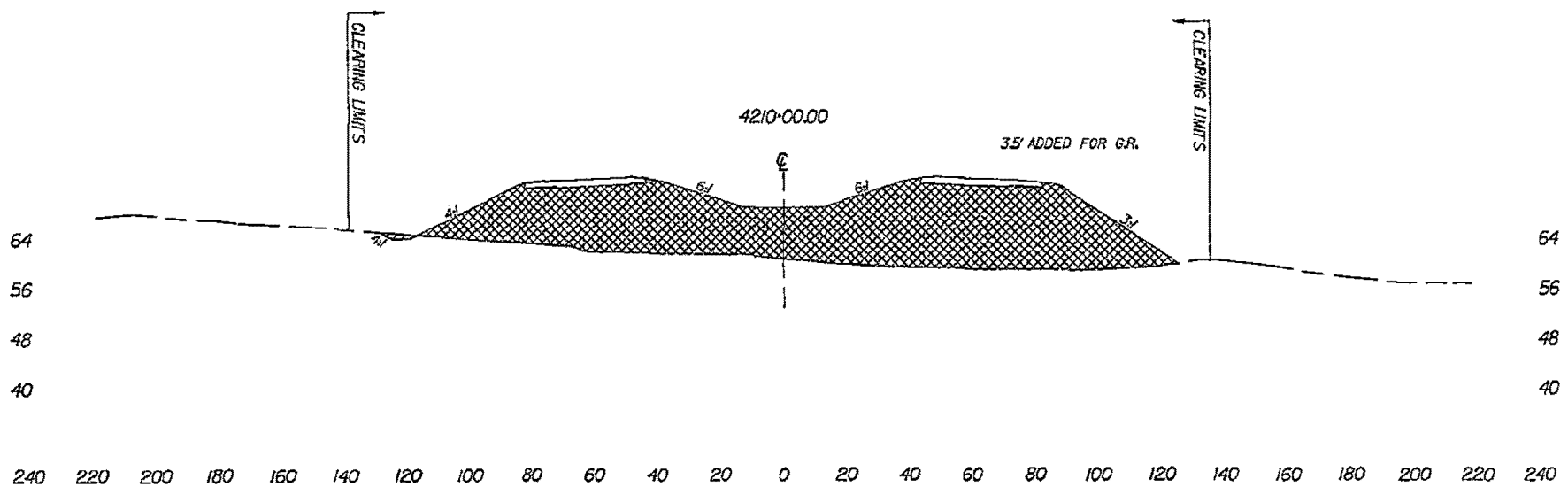
PROFILE
6 - 6

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 110A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION VV-VV

- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

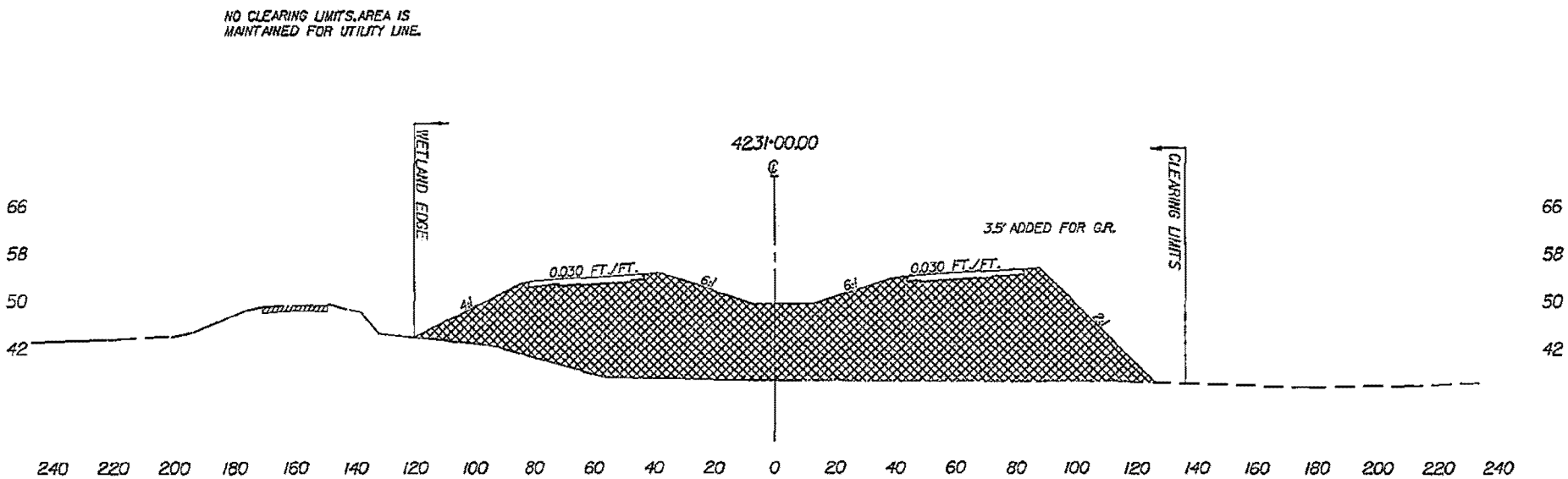
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 111 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION WW-WW

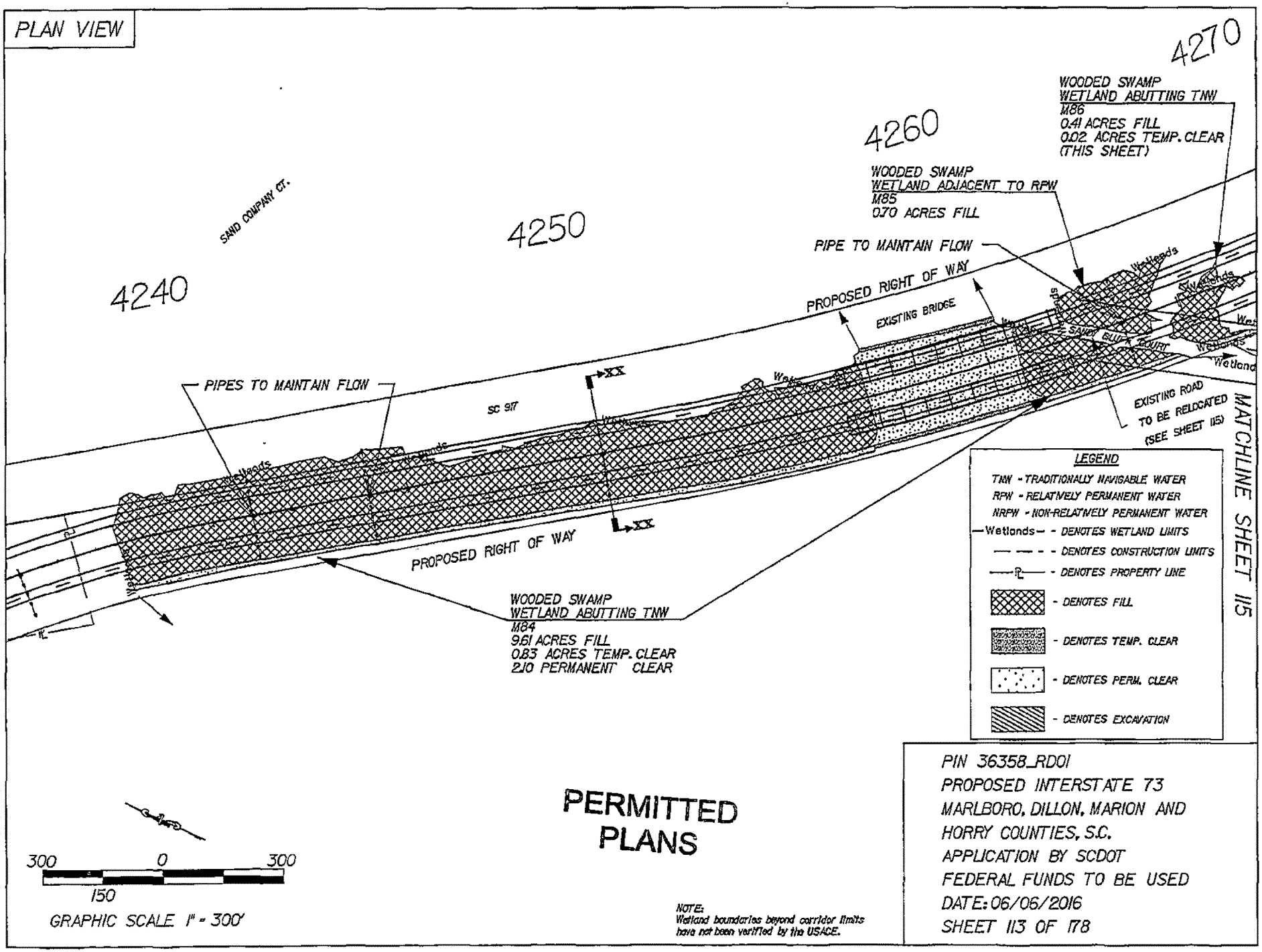
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 112 OF 178


PLAN VIEW
4240
4250
4260
4270
SAND COMPANY CT.
WOODED SWAMP
WETLAND ABUTTING TNW
M86
0.41 ACRES FILL
0.02 ACRES TEMP. CLEAR
(THIS SHEET)
WOODED SWAMP
WETLAND ADJACENT TO RPW
M85
0.70 ACRES FILL
PIPE TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
EXISTING BRIDGE
SAND BLUFF COURT
Wetlands
PIPES TO MAINTAIN FLOW
SC 917
XX
EXISTING ROAD
TO BE RELOCATED
(SEE SHEET 115)
MATCHLINE SHEET 115
PROPOSED RIGHT OF WAY
WOODED SWAMP
WETLAND ABUTTING TNW
M84
9.61 ACRES FILL
0.83 ACRES TEMP. CLEAR
2.10 PERMANENT CLEAR
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 113 OF 178

PLAN & PROFILE VIEW

4255+00 4256+00 4257+00 4258+00 4259+00 4260+00 4261+00 4262+00 4263+00

EXISTING BRIDGE

Little Pee Dee River Swamp

2 LANES @ 12'-0"
S-31
PGL NBL
48'-0"
48'-0"
℄ I-73
CURVE I73S-15
BEGIN BRIDGE STA. 4258+40.00
90° 00' 00" (TYP.)(TO TANGENT)
BORING RB-53
PGL SBL
2 LANES @ 12'-0"
℄ BENT 3 STA. 4257+60.00
℄ BENT 2 STA. 4257+00.00
℄ BENT 5 STA. 4258+80.00
℄ BENT 4 STA. 4258+20.00
TIE EQ.
BORING BB-28
℄ BENT 8 STA. 4259+40.00
℄ BENT 7 STA. 4260+00.00
℄ BENT 6 STA. 4260+60.00
BORING DB-11
℄ BENT 9 STA. 4261+20.00
END BRIDGE STA. 4261+80.00
BORING BB-29
BORING SB-12
BORING RB-58
TO S-423

PLAN

540'-0" TOTAL BRIDGE LENGTH

60'-0" 60'-0" 60'-0" 60'-0" 60'-0" 60'-0" 60'-0" 60'-0" 60'-0"

SPAN A SPAN B SPAN C SPAN D SPAN E SPAN F SPAN G SPAN H SPAN I

BEGIN BRIDGE ℄ BENT 2 ℄ BENT 3 ℄ BENT 4 ℄ BENT 5 ℄ BENT 6 ℄ BENT 7 ℄ BENT 8 ℄ BENT 9 END BRIDGE

90 50 10

PVI PVC R.C. BENT (TYP.) PVC PVI

EL. 45.10 (50 YR.)

PROPOSED FINISHED GRADE

APPROXIMATE EXISTING GROUND LINE

(1) 2'-0" THICK RIPRAP SLOPE PROTECTION PERPENDICULAR TO END BENT

BENT NO.'s → (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

4263+00

4255+00 4257+00 4259+00

PERMITTED PLANS

PROFILE

7 - 7

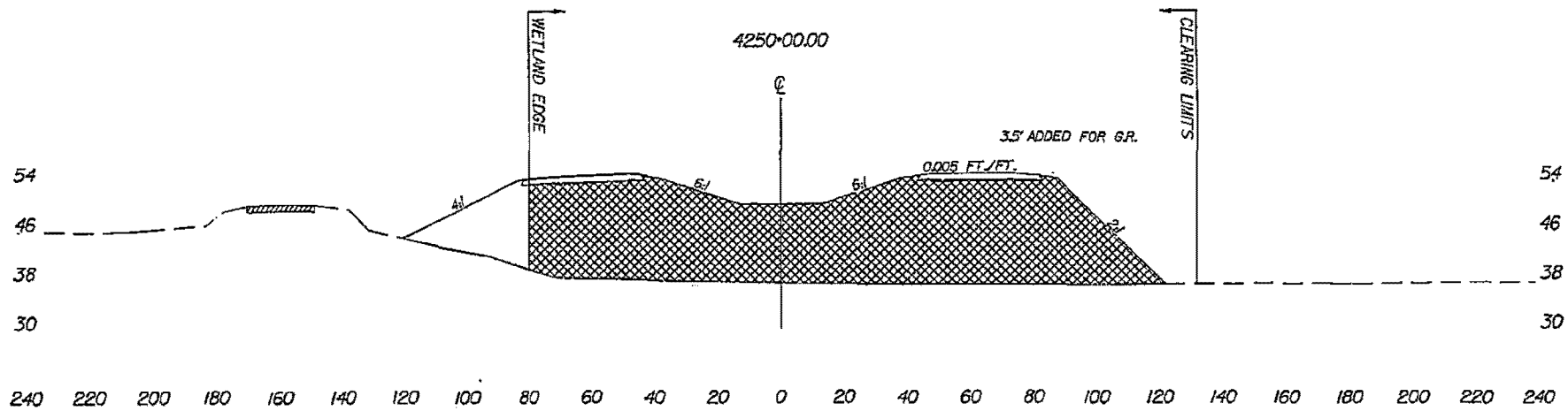
HYDROLOGY DATA
D.A. = 2,730 SQ. MI.
Q_{50} = 7,306 CFS
AREA FURNISHED UNDER EL. 45.10 = 3809.47 S.F
V_{50} = 2.7 FT/SEC.
Q_{100} = 8,171 CFS
AREA FURNISHED UNDER EL. 45.60 = 4077.42 S.F
V_{100} = 2.8 FT/SEC.
$BACKWATER_{100}$ = 0.3'

OVERTOPPING FLOOD
Q : N/A
PROBABILITY : N/A

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 113A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION XX-XX

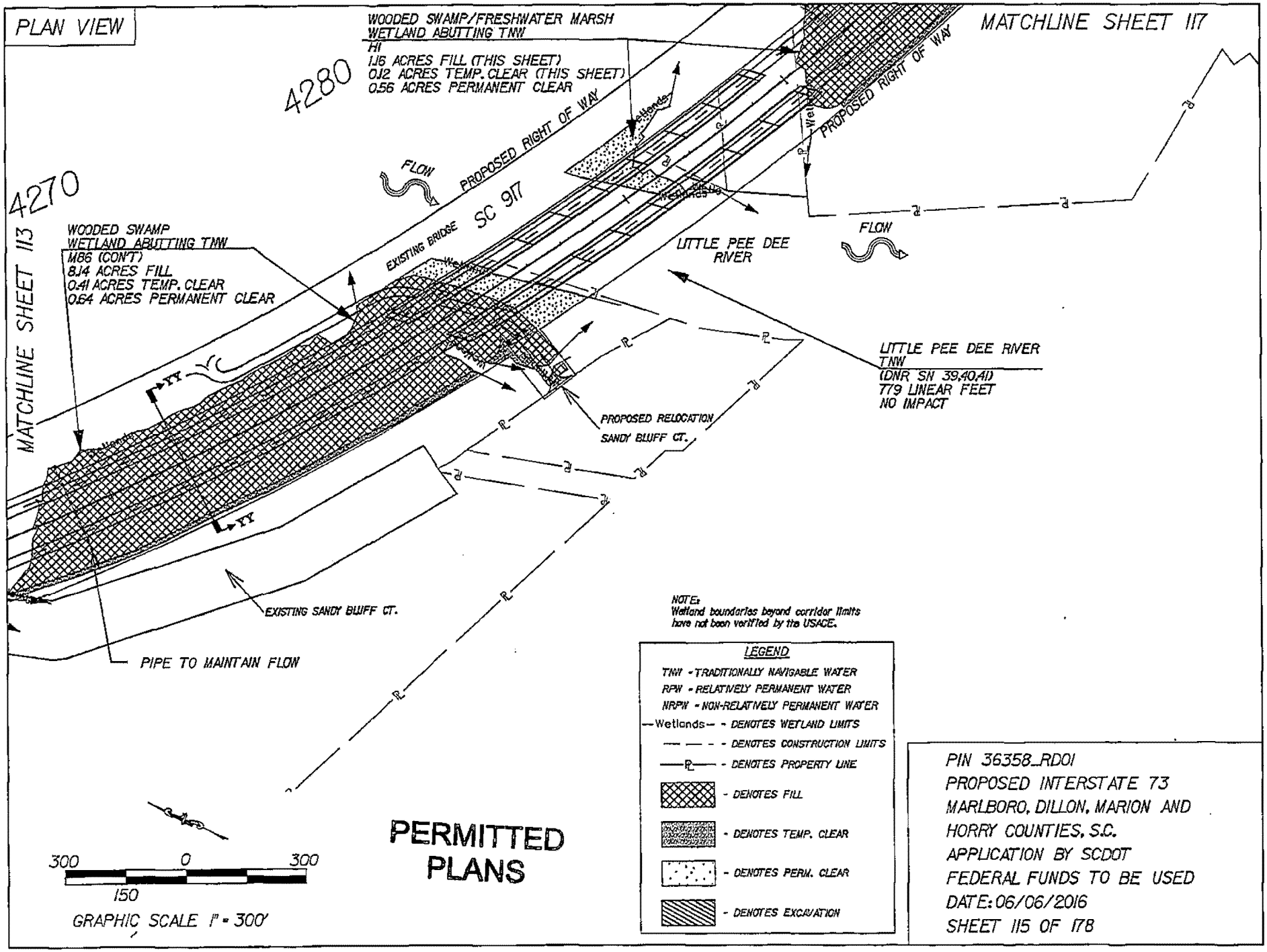
— — - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

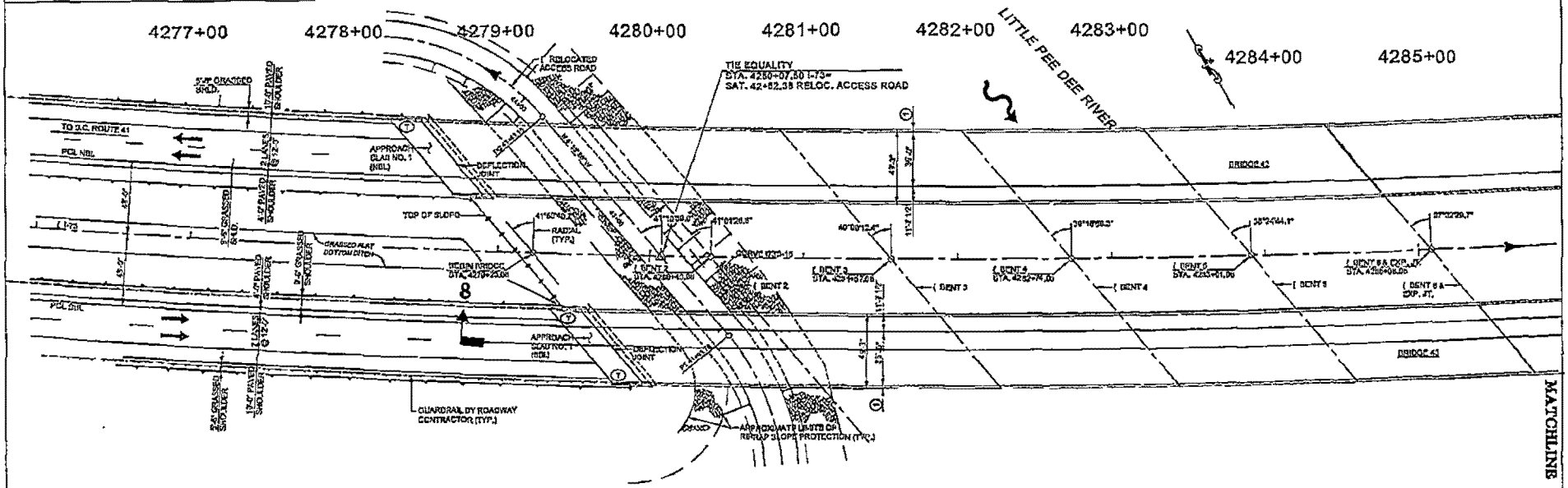
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

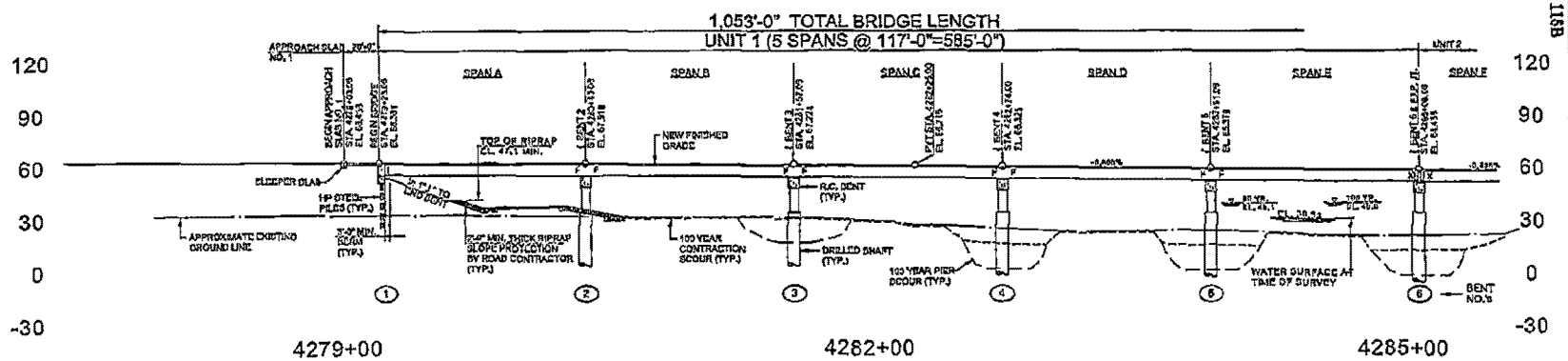
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 114 OF 178


PLAN VIEW
WOODED SWAMP/FRESHWATER MARSH
WETLAND ABUTTING TNW
H1
1.16 ACRES FILL (THIS SHEET)
0.12 ACRES TEMP. CLEAR (THIS SHEET)
0.56 ACRES PERMANENT CLEAR
4280
4270
MATCHLINE SHEET 117
MATCHLINE SHEET 113
PROPOSED RIGHT OF WAY
FLOW
SC 917
EXISTING BRIDGE
WOODED SWAMP
WETLAND ABUTTING TNW
M86 (CON'T)
8.14 ACRES FILL
0.41 ACRES TEMP. CLEAR
0.64 ACRES PERMANENT CLEAR
LITTLE PEE DEE RIVER
LITTLE PEE DEE RIVER
TNW
(DNR SN 39,40,41)
779 LINEAR FEET
NO IMPACT
PROPOSED RELOCATION
SANDY BLUFF CT.
EXISTING SANDY BLUFF CT.
PIPE TO MAINTAIN FLOW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 115 OF 178

PLAN & PROFILE VIEW



PLAN



PROFILE

8 - 8

HYDROLOGY DATA

D.A. = 2,730 SQ. MI.
Q_{50} = 24,286 CFS
AREA FURNISHED UNDER EL. 45.1 = 7,560 S.F.
V_{50} = 5.0 FT/SEC.
Q_{100} = 26,416 CFS
AREA FURNISHED UNDER EL. 45.6 = 8,025 S.F.
V_{100} = 5.1 FT/SEC.
$BACKWATER_{100}$ = 0.2'

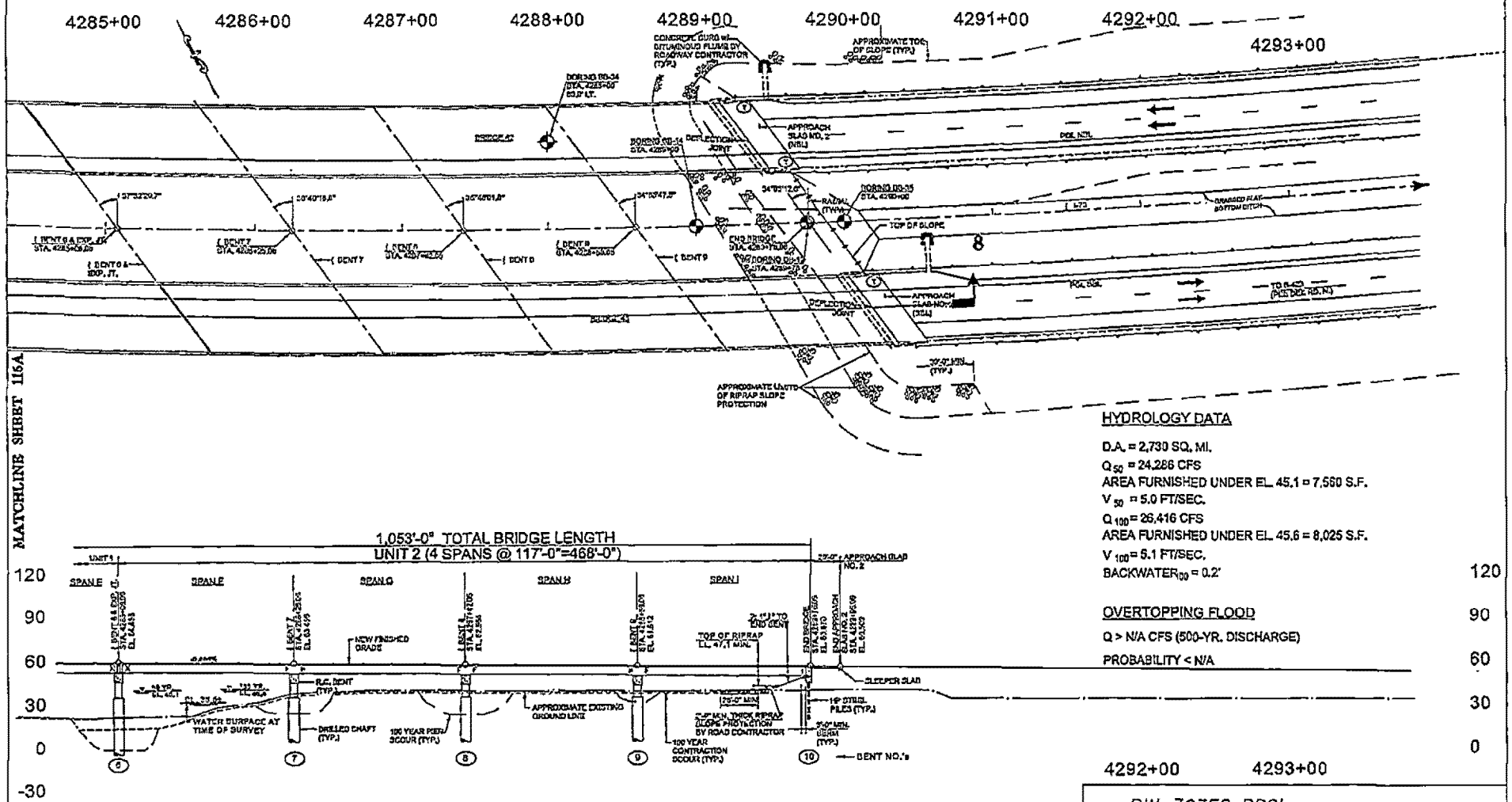
OVERTOPPING FLOOD

Q > N/A CFS (500-YR. DISCHARGE)
PROBABILITY < N/A

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 115A OF 178

PLAN & PROFILE VIEW



HYDROLOGY DATA

D.A. = 2,730 SQ. MI.
Q_{50} = 24,286 CFS
AREA FURNISHED UNDER EL. 45.1 = 7,560 S.F.
V_{50} = 5.0 FT/SEC.
Q_{100} = 26,416 CFS
AREA FURNISHED UNDER EL. 45.6 = 8,025 S.F.
V_{100} = 5.1 FT/SEC.
$BACKWATER_{100}$ = 0.2'

OVERTOPPING FLOOD

Q > N/A CFS (500-YR. DISCHARGE)
PROBABILITY < N/A

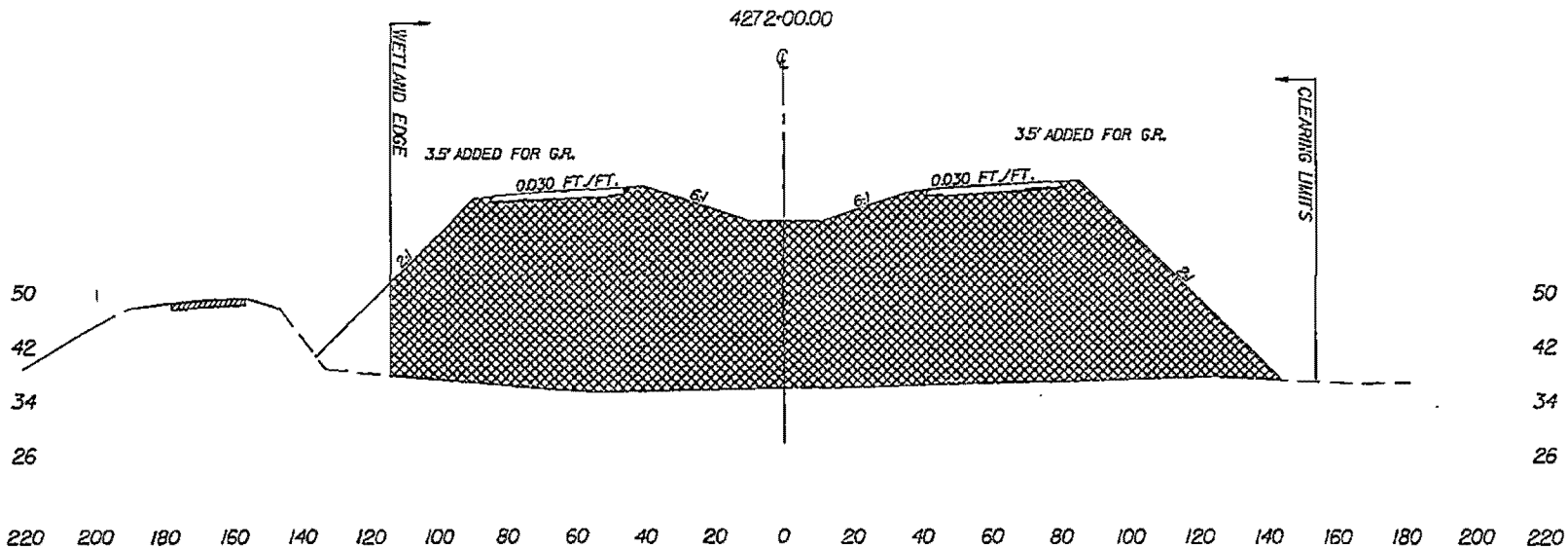
PROFILE

8 - 8

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 115B OF 178

CROSS SECTION



SECTION YY-YY

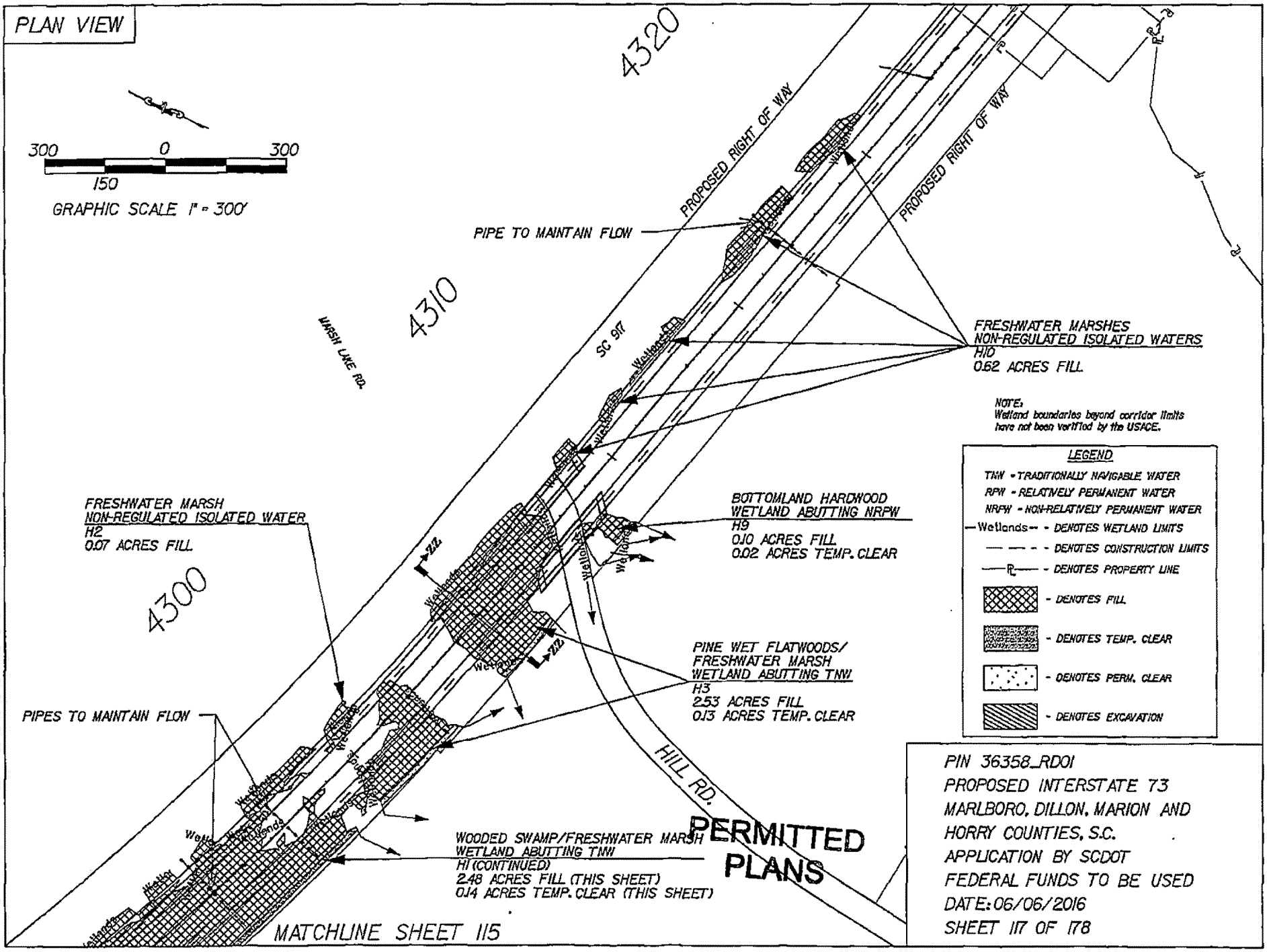
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

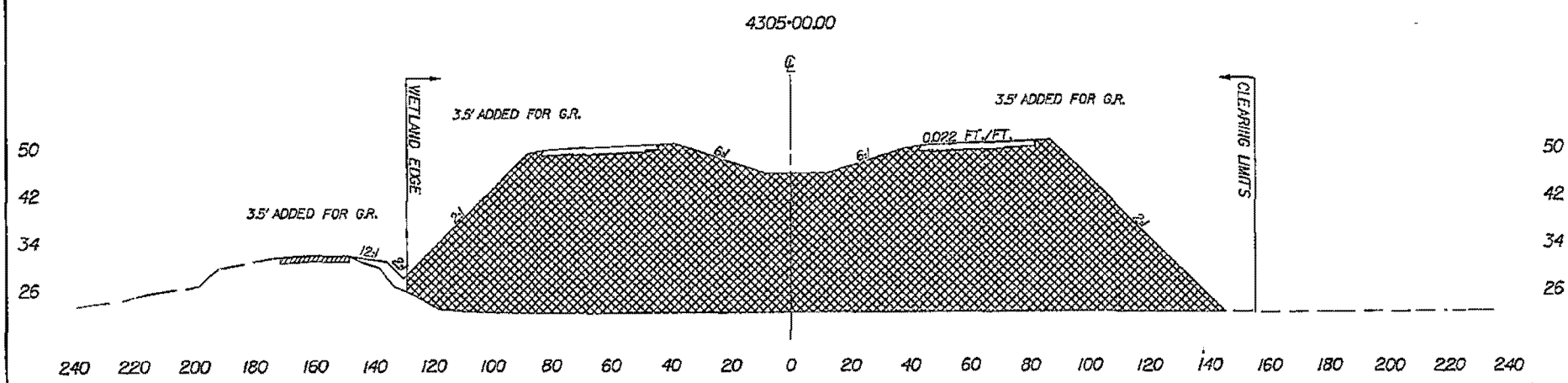
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 116 OF 178


PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
4320
4310
4300
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PIPE TO MAINTAIN FLOW
MARSH LAKE RD.
SC 917
FRESHWATER MARSHES
NON-REGULATED ISOLATED WATERS
H10
0.62 ACRES FILL
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
FRESHWATER MARSH
NON-REGULATED ISOLATED WATER
H2
0.07 ACRES FILL
BOTTOMLAND HARDWOOD
WETLAND ABUTTING NRPW
H9
0.10 ACRES FILL
0.02 ACRES TEMP. CLEAR
PINE WET FLATWOODS/
FRESHWATER MARSH
WETLAND ABUTTING TNW
H3
2.53 ACRES FILL
0.13 ACRES TEMP. CLEAR
PIPES TO MAINTAIN FLOW
HILL RD.
WOODED SWAMP/FRESHWATER MARSH
WETLAND ABUTTING TNW
H1 (CONTINUED)
2.48 ACRES FILL (THIS SHEET)
0.14 ACRES TEMP. CLEAR (THIS SHEET)
PERMITTED PLANS
MATCHLINE SHEET 115
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 117 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION ZZ-ZZ

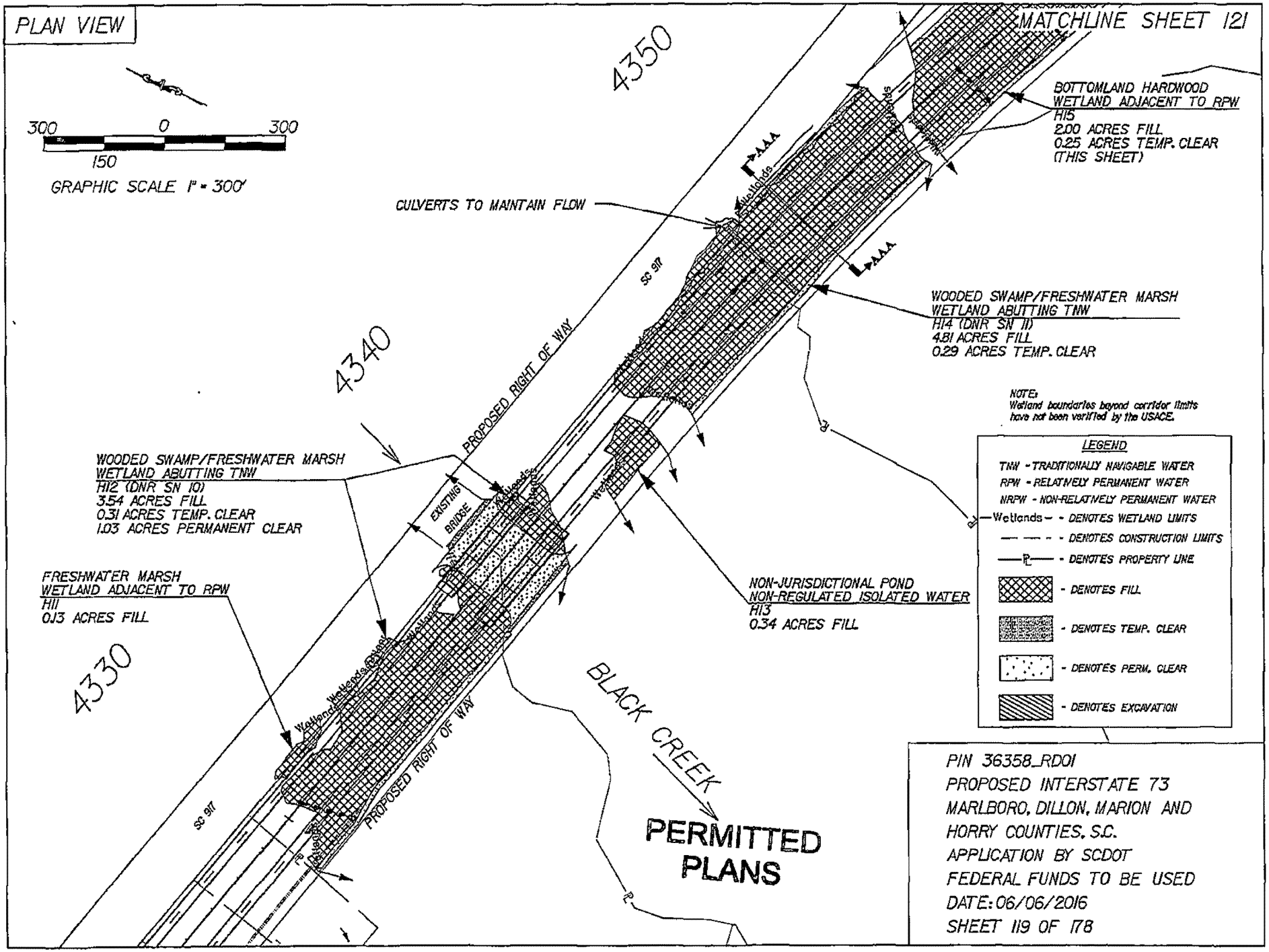
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

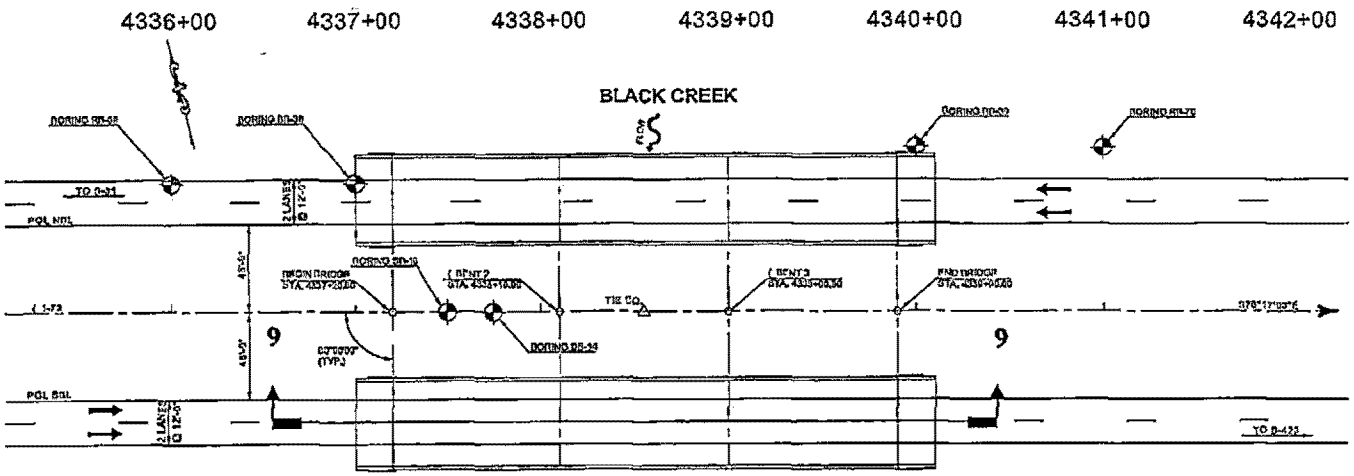
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 118 OF 178

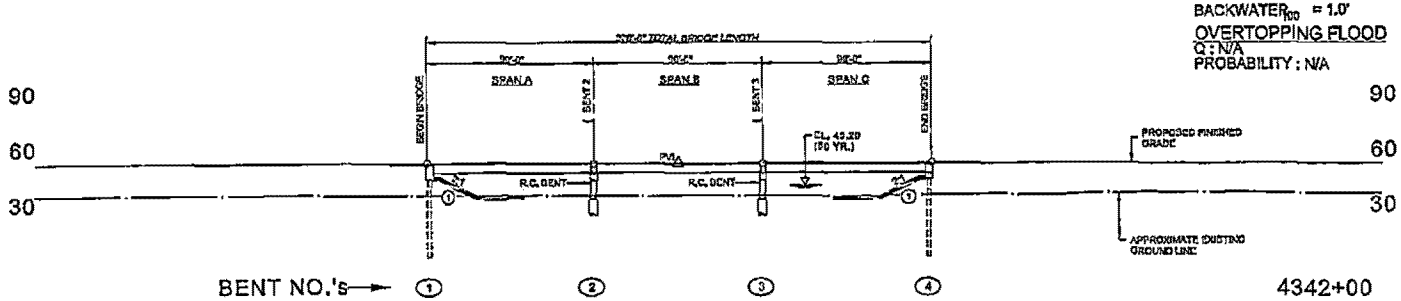

PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
MATCHLINE SHEET 121
4350
4340
4330
BOTTOMLAND HARDWOOD WETLAND ADJACENT TO RPW
H15
2.00 ACRES FILL
0.25 ACRES TEMP. CLEAR
(THIS SHEET)
CULVERTS TO MAINTAIN FLOW
WOODED SWAMP/FRESHWATER MARSH WETLAND ABUTTING TNW
H14 (DNR SN 11)
4.81 ACRES FILL
0.29 ACRES TEMP. CLEAR
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PROPOSED RIGHT OF WAY
SC 917
EXISTING BRIDGE
WOODED SWAMP/FRESHWATER MARSH WETLAND ABUTTING TNW
H12 (DNR SN 10)
3.54 ACRES FILL
0.31 ACRES TEMP. CLEAR
1.03 ACRES PERMANENT CLEAR
FRESHWATER MARSH WETLAND ADJACENT TO RPW
H11
0.13 ACRES FILL
NON-JURISDICTIONAL POND NON-REGULATED ISOLATED WATER
H13
0.34 ACRES FILL
BLACK CREEK
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 119 OF 178

PLAN & PROFILE VIEW



PLAN

HYDROLOGY DATA
D.A. = 2,730 SQ. MI.
Q_{50} = 1,366 CFS
AREA FURNISHED UNDER EL. 45.20 = 1272.15 S.F.
V_{50} = 1.5 FT/SEC.
Q_{100} = 1,996 CFS
AREA FURNISHED UNDER EL. 46.10 = 1489.93 S.F.
V_{100} = 1.9 FT/SEC.
$BACKWATER_{100}$ = 1.0'
OVERTOPPING FLOOD
Q : N/A
PROBABILITY : N/A



PROFILE
9 - 9

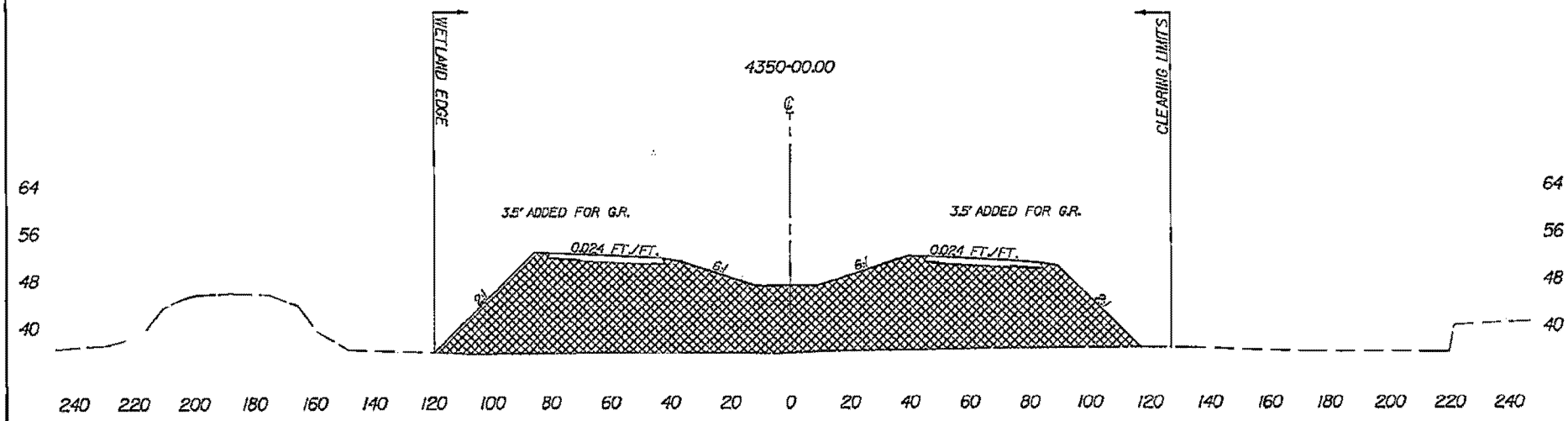
PERMITTED PLANS

1 2'-0" THICK RIPRAP SLOPE PROTECTION PERPENDICULAR TO END BENT

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 119A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION AAA-AAA

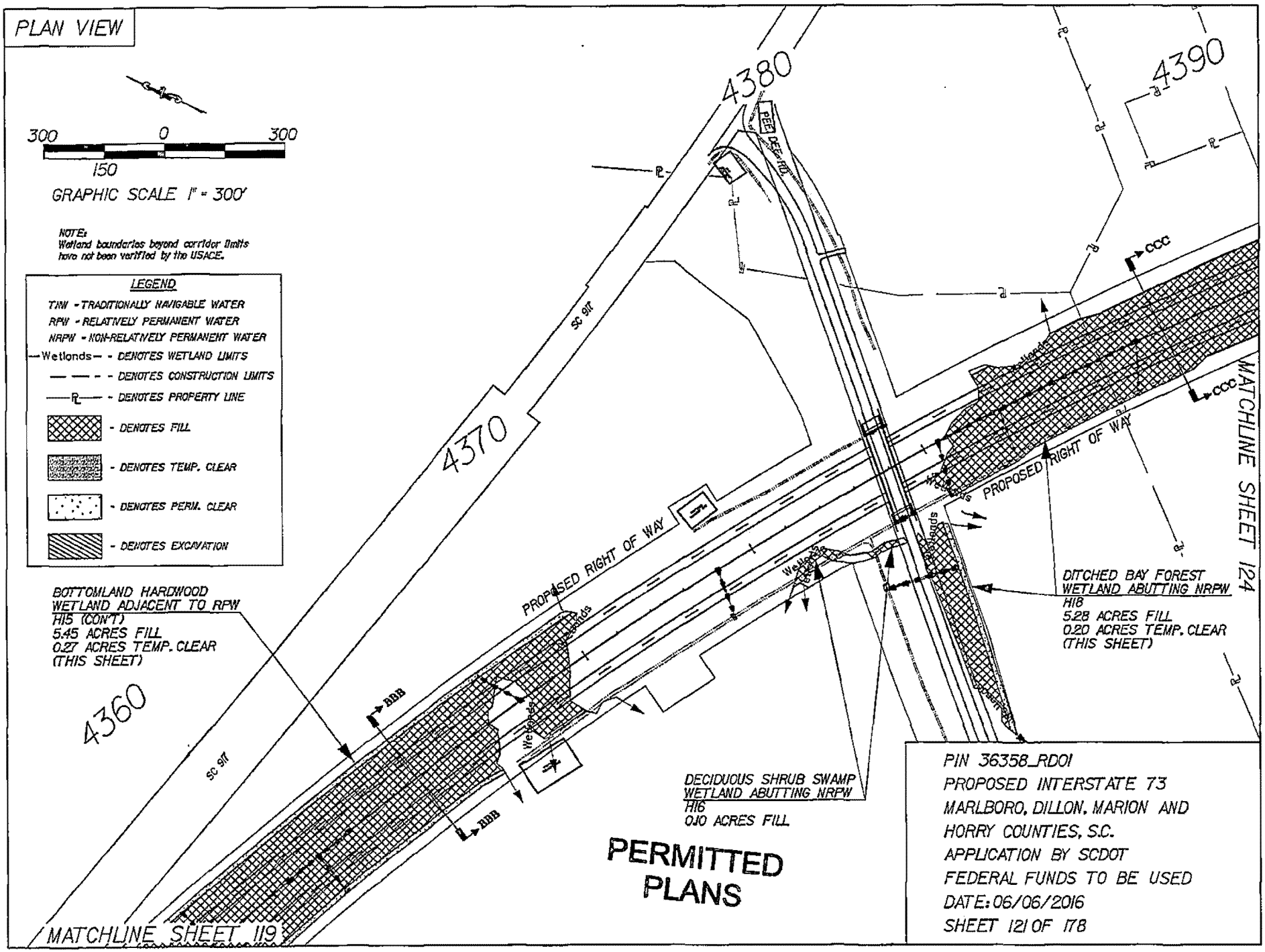
— — — · DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

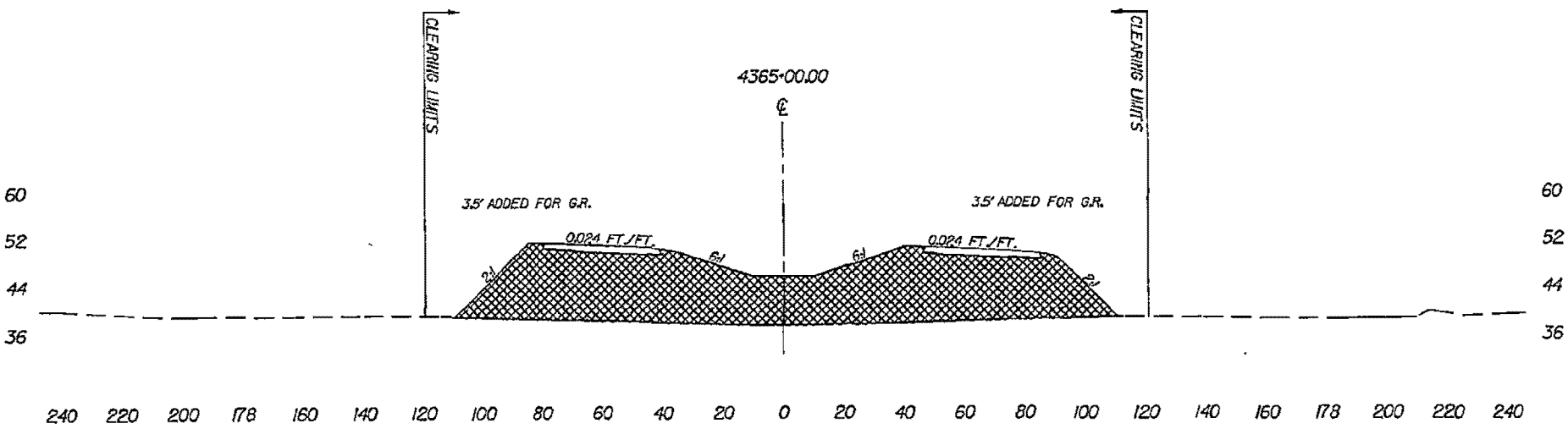
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 120 OF 178


PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
4380
4390
4370
4360
SC 917
PEE DEE RD.
PROPOSED RIGHT OF WAY
BOTTOMLAND HARDWOOD WETLAND ADJACENT TO RPW
HI5 (CON'T)
5.45 ACRES FILL
0.27 ACRES TEMP. CLEAR
(THIS SHEET)
DITCHED BAY FOREST WETLAND ABUTTING NRPW
HI8
5.28 ACRES FILL
0.20 ACRES TEMP. CLEAR
(THIS SHEET)
DECIDUOUS SHRUB SWAMP WETLAND ABUTTING NRPW
HI6
0.10 ACRES FILL
BBB
CCC
MATCHLINE SHEET 124
MATCHLINE SHEET 119
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 121 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION BBB-BBB

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

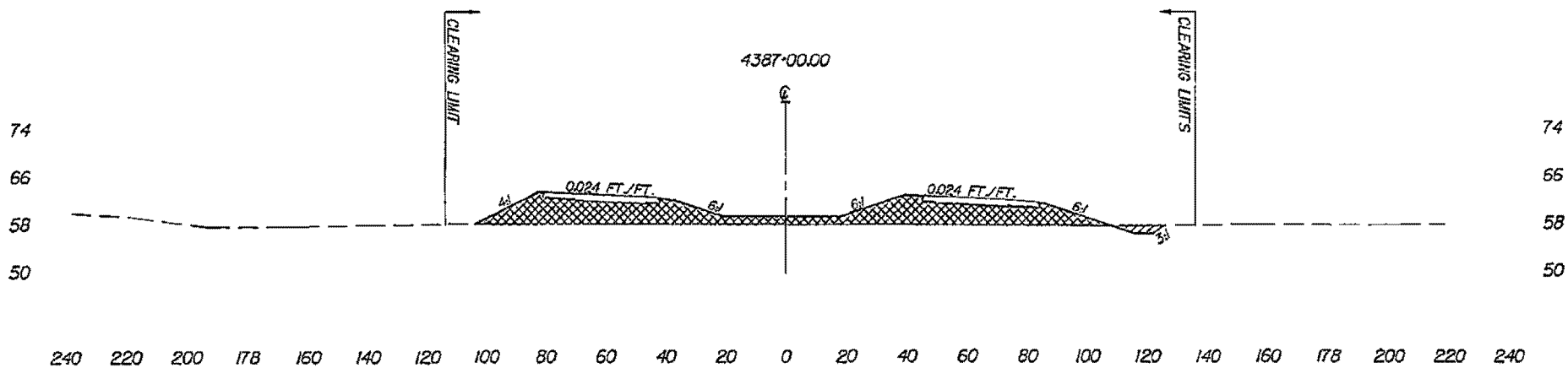
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 122 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION CCC-CCC

- - - - DENOTES EXISTING GROUND LINE

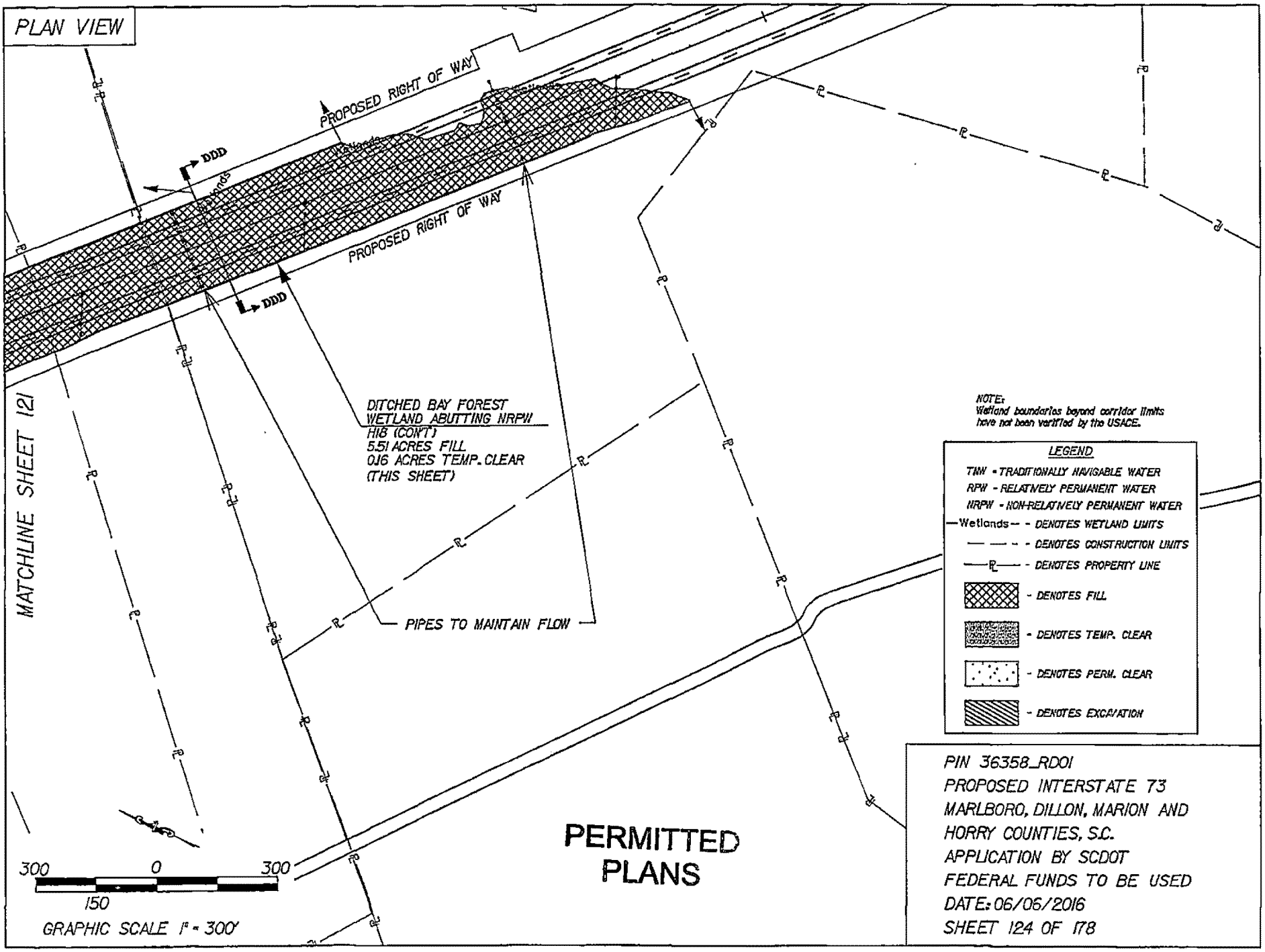
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

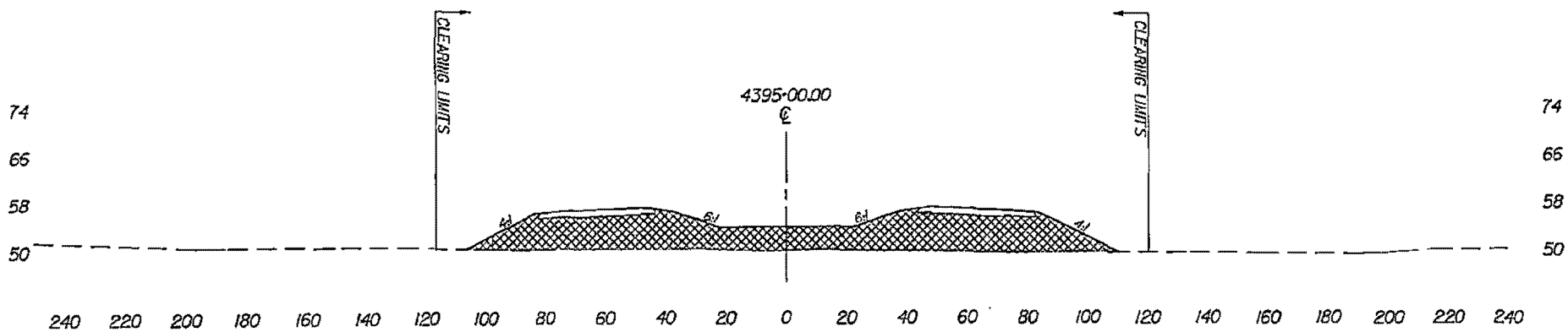
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 123 OF 178


PLAN VIEW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
DDD
DDD
Wetlands
MATCHLINE SHEET 121
DITCHED BAY FOREST
WETLAND ABUTTING NRPW
H18 (CON'T)
5.51 ACRES FILL
0.16 ACRES TEMP. CLEAR
(THIS SHEET)
PIPES TO MAINTAIN FLOW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 124 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION DDD-DDD

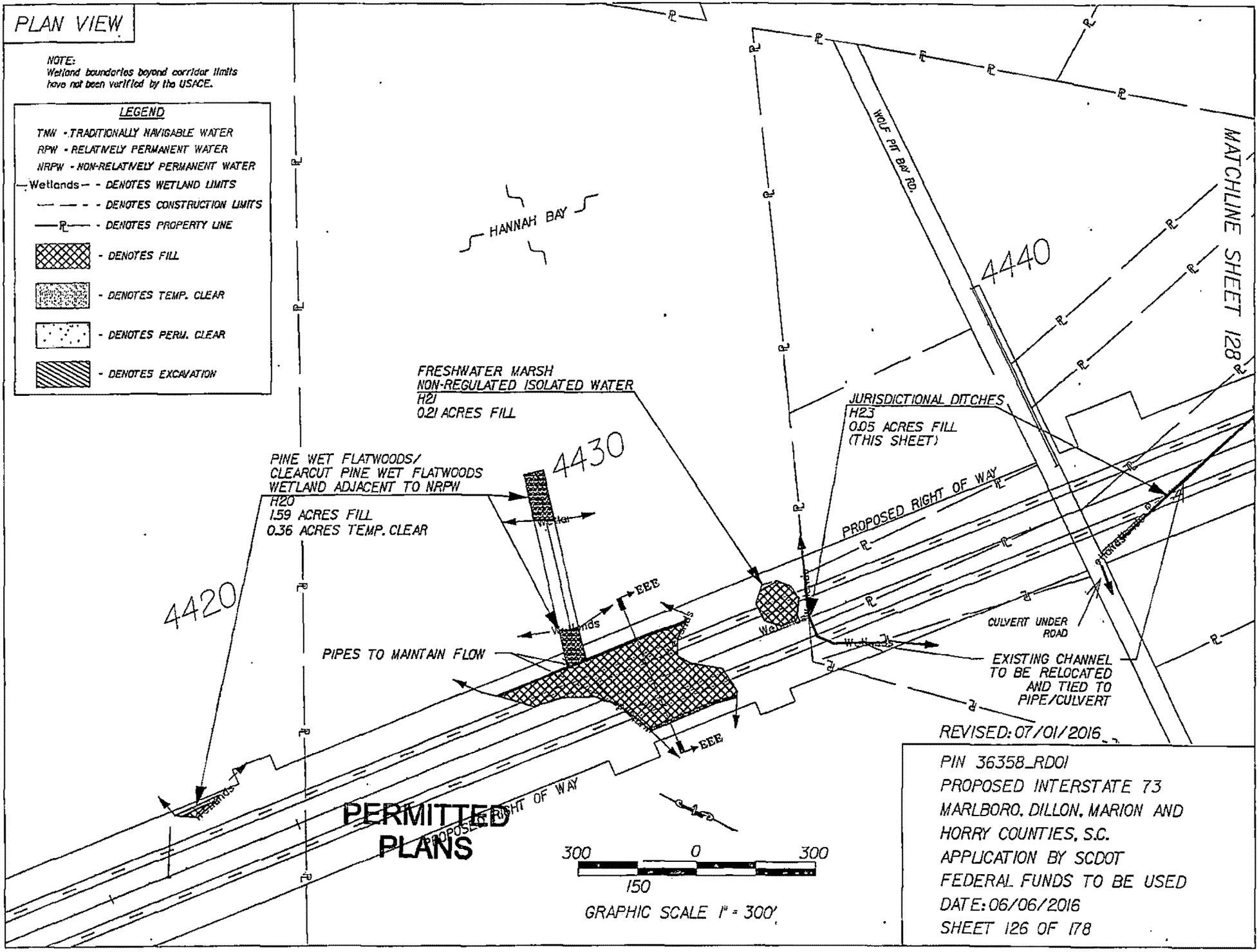
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

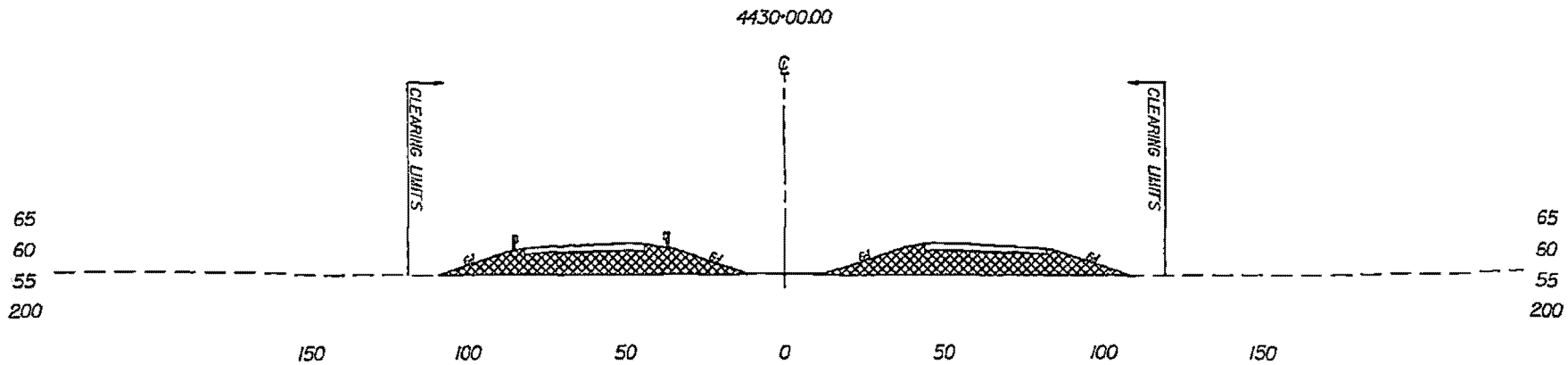
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 125 OF 178


PLAN VIEW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
HANNAH BAY
WOLF PIT BAY RD.
MATCHLINE SHEET 128
4440
4430
4420
FRESHWATER MARSH
NON-REGULATED ISOLATED WATER
H21
0.21 ACRES FILL
JURISDICTIONAL DITCHES
H23
0.05 ACRES FILL
(THIS SHEET)
PINE WET FLATWOODS/
CLEARCUT PINE WET FLATWOODS
WETLAND ADJACENT TO NRPW
H20
1.59 ACRES FILL
0.36 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
EEE
PIPES TO MAINTAIN FLOW
CULVERT UNDER ROAD
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
REVISED: 07/01/2016
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 126 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION EEE-EEE

— — - DENOTES EXISTING GROUND LINE

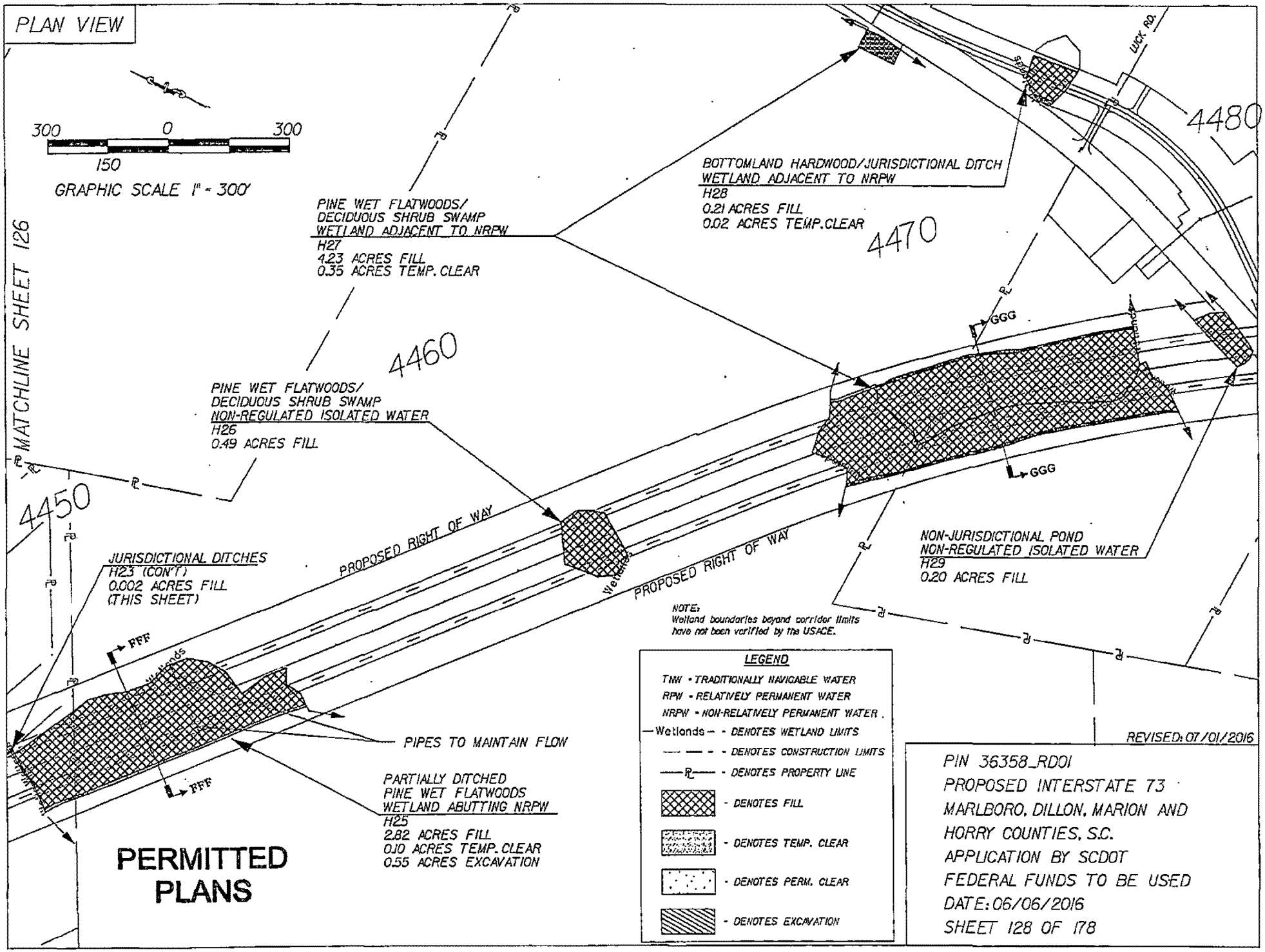
▩ - DENOTES FILL

50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

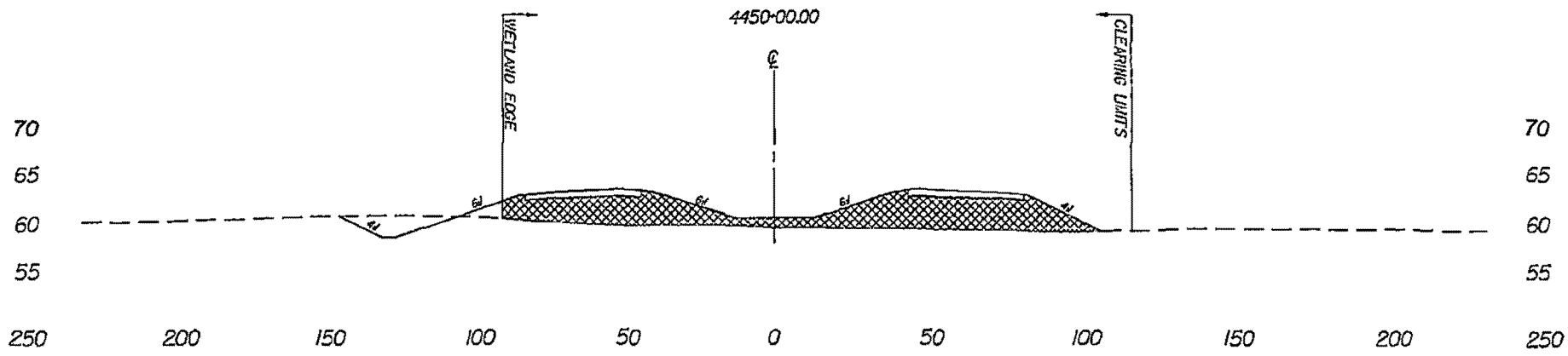
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 127 OF 178


PLAN VIEW
300 0 300
150
GRAPHIC SCALE 1" = 300'
MATCHLINE SHEET 126
PINE WET FLATWOODS/
DECIDUOUS SHRUB SWAMP
WETLAND ADJACENT TO NRPW
H27
4.23 ACRES FILL
0.35 ACRES TEMP. CLEAR
BOTTOMLAND HARDWOOD/JURISDICTIONAL DITCH
WETLAND ADJACENT TO NRPW
H28
0.21 ACRES FILL
0.02 ACRES TEMP.CLEAR
LUCK RD.
4480
4470
4460
4450
PINE WET FLATWOODS/
DECIDUOUS SHRUB SWAMP
NON-REGULATED ISOLATED WATER
H26
0.49 ACRES FILL
GGG
GGG
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
JURISDICTIONAL DITCHES
H23 (CON'T)
0.002 ACRES FILL
(THIS SHEET)
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
H29
0.20 ACRES FILL
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
FFF
FFF
PIPES TO MAINTAIN FLOW
PARTIALLY DITCHED
PINE WET FLATWOODS
WETLAND ABUTTING NRPW
H25
2.82 ACRES FILL
0.10 ACRES TEMP. CLEAR
0.55 ACRES EXCAVATION
PERMITTED
PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 128 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION FFF-FFF

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

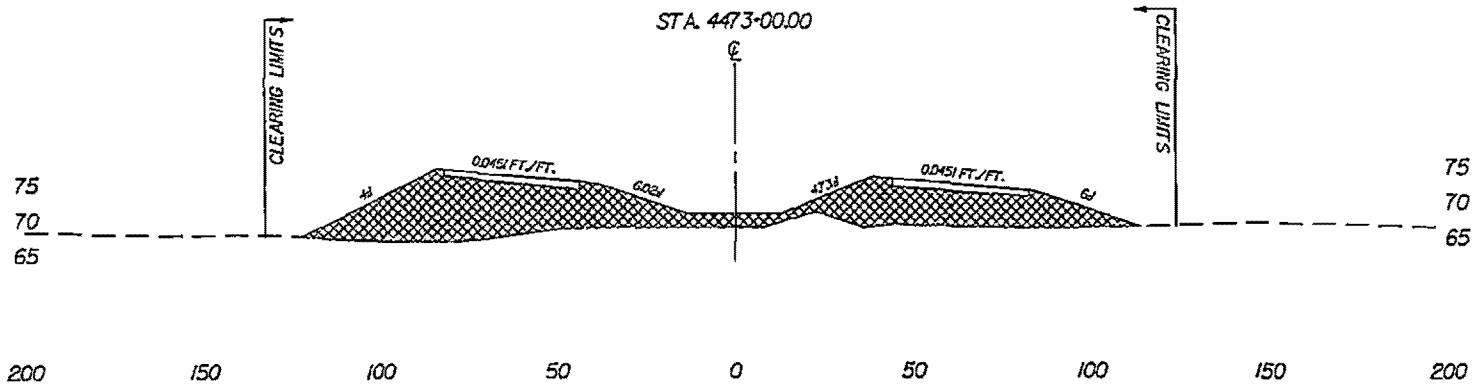
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 129 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION GGG-GGG

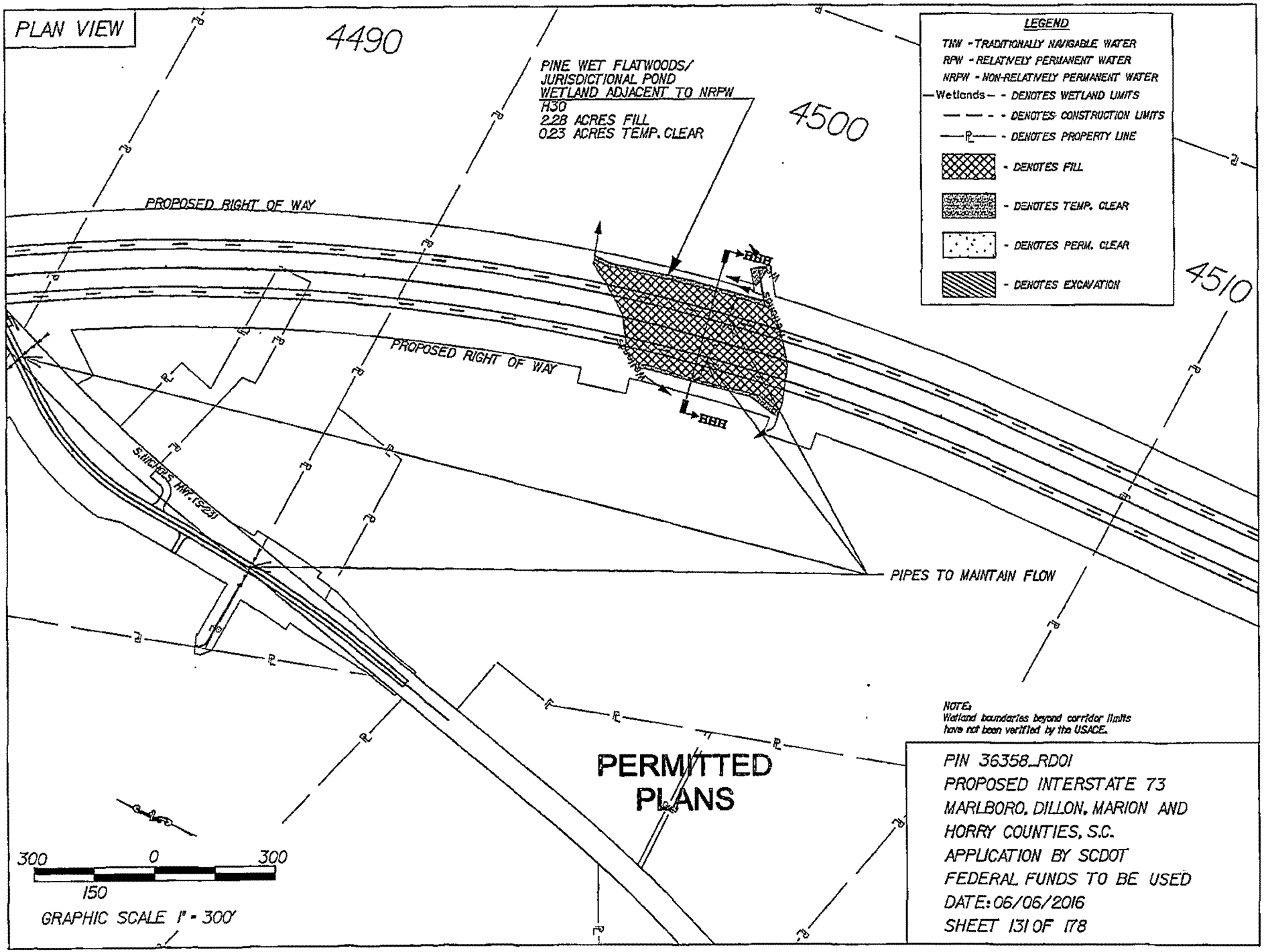
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

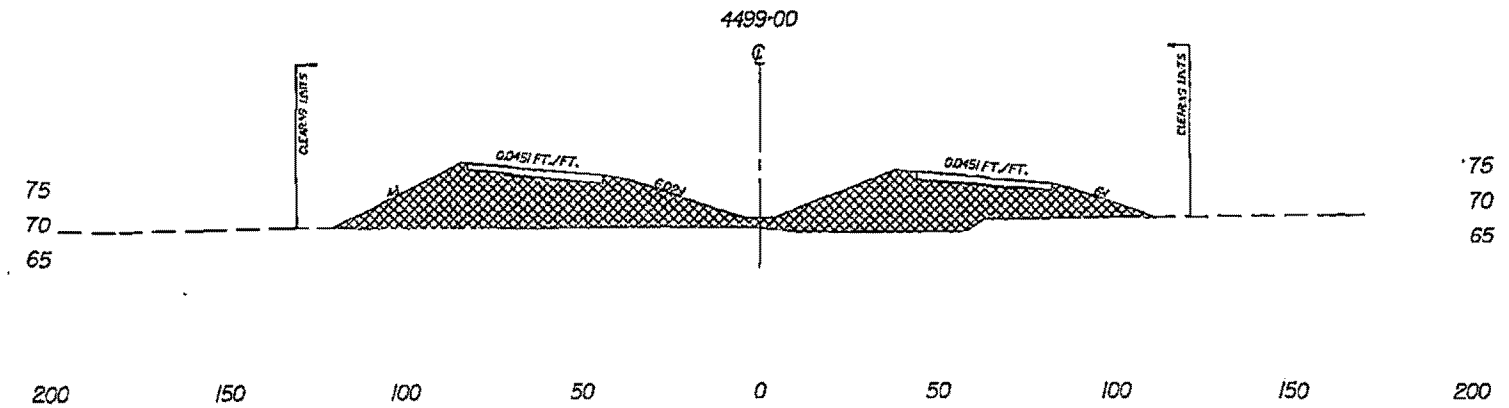
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 130 OF 178


PLAN VIEW
4490
4500
4510
PINE WET FLATWOODS/
JURISDICTIONAL POND
WETLAND ADJACENT TO NRPW
H30
2.28 ACRES FILL
0.23 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
S. NICHOLS HWY. (S-23)
PIPES TO MAINTAIN FLOW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 131 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION HHH-HHH

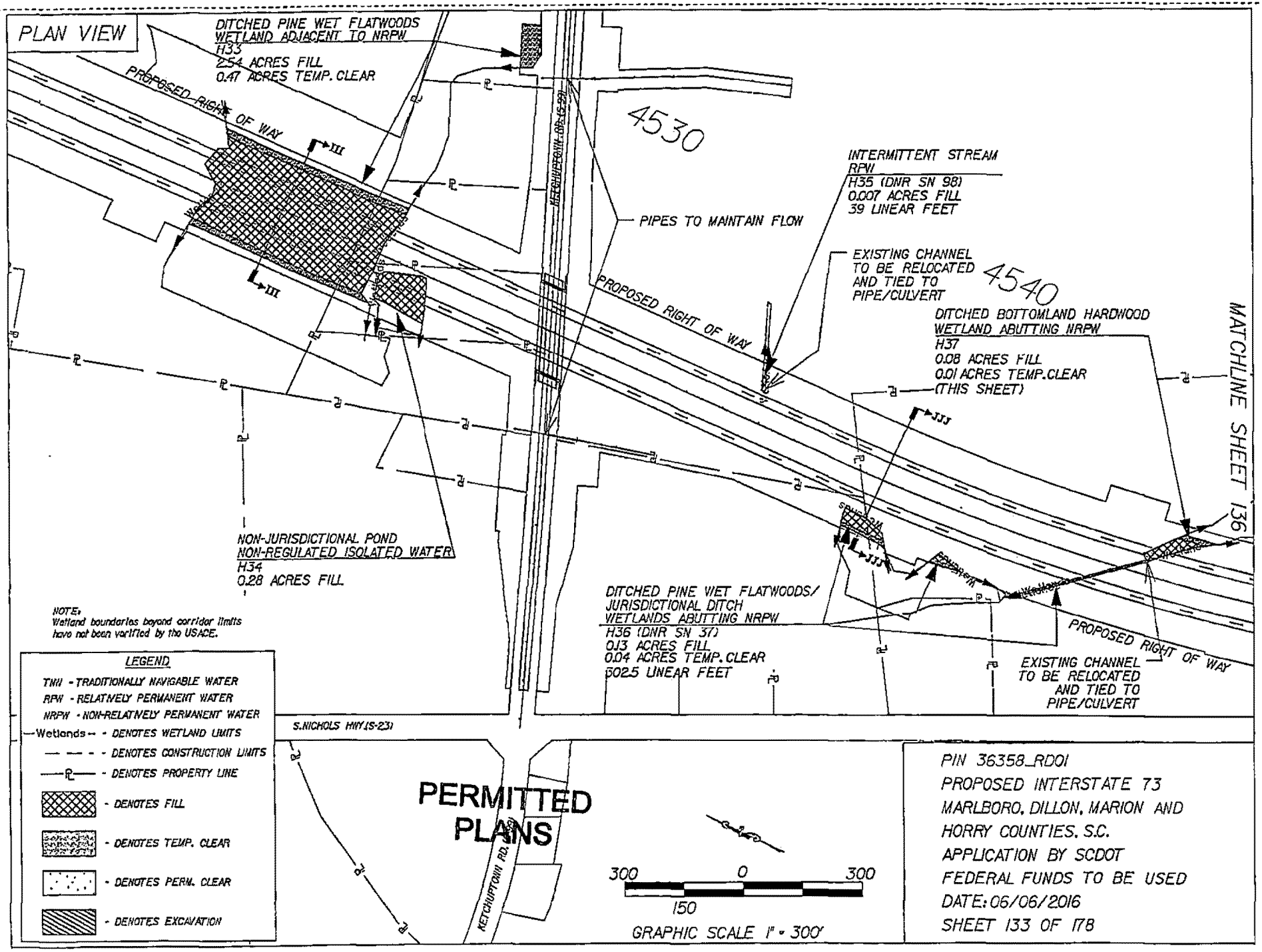
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

PERMITTED PLANS

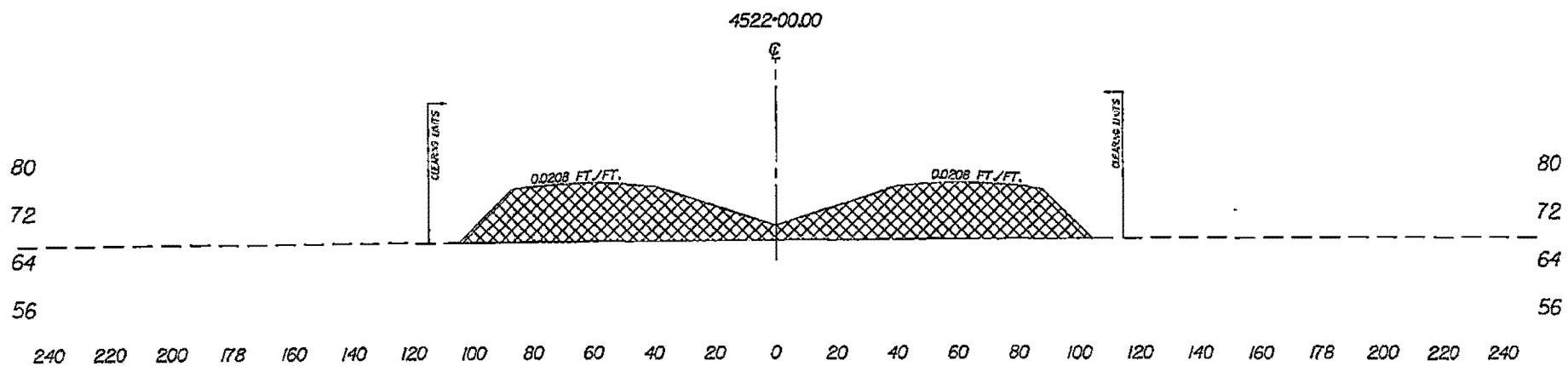
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 132 OF 178


PLAN VIEW
DITCHED PINE WET FLATWOODS
WETLAND ADJACENT TO NRPW
H33
2.54 ACRES FILL
0.47 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
4530
INTERMITTENT STREAM
RPW
H35 (DNR SN 98)
0.007 ACRES FILL
39 LINEAR FEET
PIPES TO MAINTAIN FLOW
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
4540
PROPOSED RIGHT OF WAY
DITCHED BOTTOMLAND HARDWOOD
WETLAND ABUTTING NRPW
H37
0.08 ACRES FILL
0.01 ACRES TEMP.CLEAR
(THIS SHEET)
MATCHLINE SHEET 136
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
H34
0.28 ACRES FILL
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
DITCHED PINE WET FLATWOODS/
JURISDICTIONAL DITCH
WETLANDS ABUTTING NRPW
H36 (DNR SN 37)
0.13 ACRES FILL
0.04 ACRES TEMP. CLEAR
302.5 LINEAR FEET
PROPOSED RIGHT OF WAY
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
S.NICHOLS HWY (S-23)
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED
PLANS
KETCHUPTOWN RD.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 133 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION III-III

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

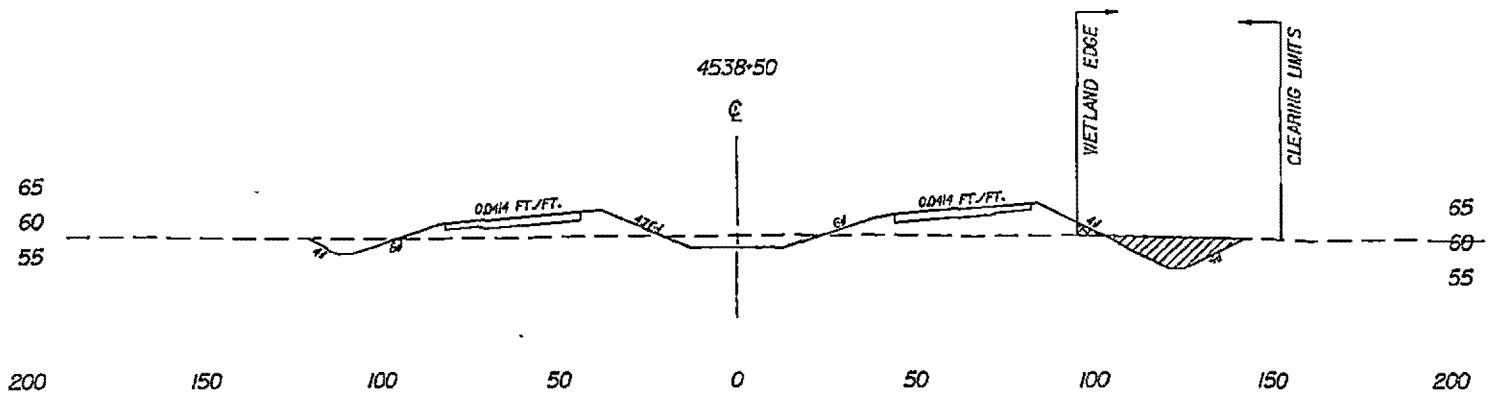
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 134 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION JJJ-JJJ

— — - DENOTES EXISTING GROUND LINE

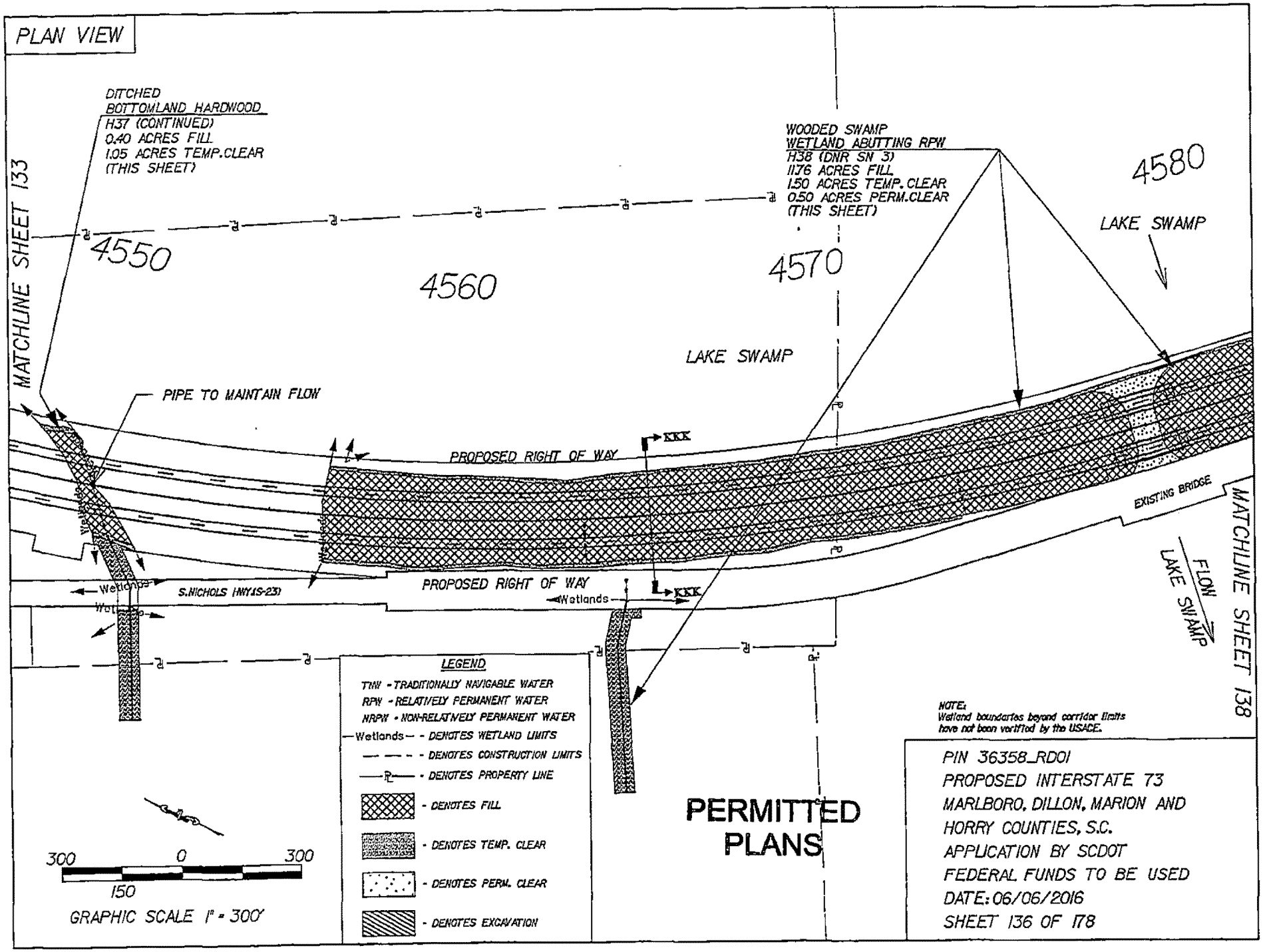
- DENOTES FILL

- DENOTES EXCAVATION

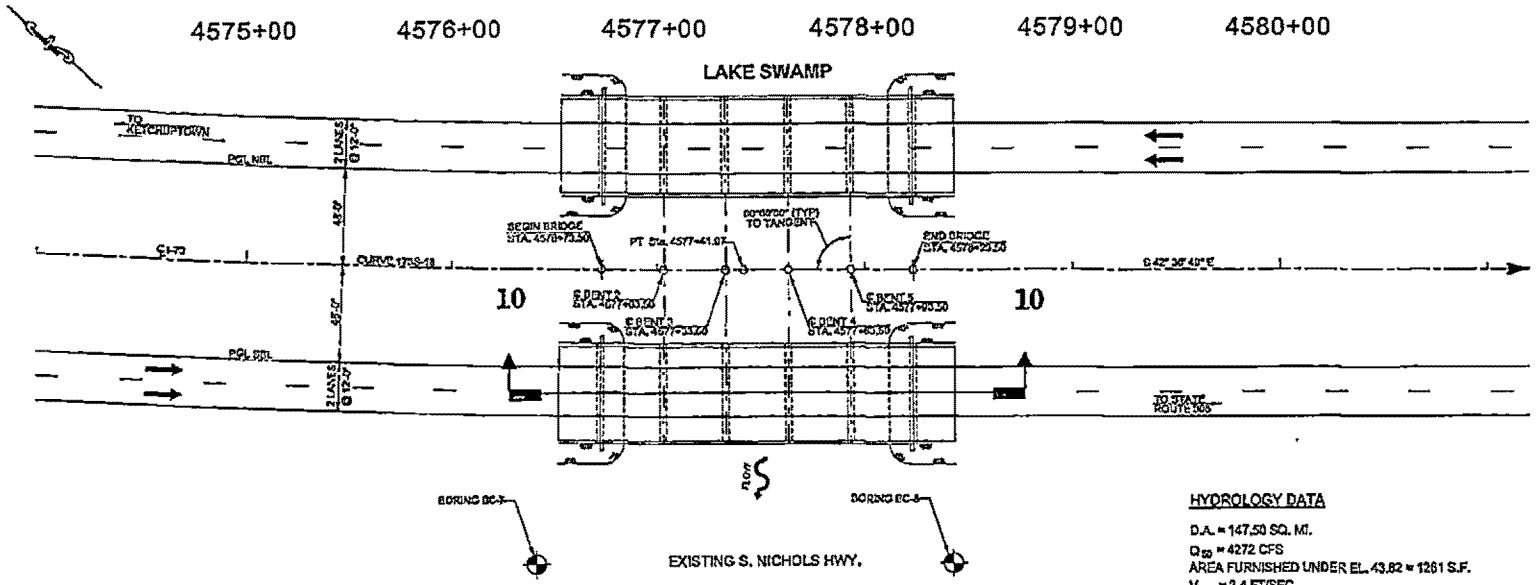
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 135 OF 178


PLAN VIEW
DITCHED
BOTTOMLAND HARDWOOD
H37 (CONTINUED)
0.40 ACRES FILL
1.05 ACRES TEMP.CLEAR
(THIS SHEET)
WOODED SWAMP
WETLAND ABUTTING RPW
H38 (DNR SN 3)
11.76 ACRES FILL
1.50 ACRES TEMP. CLEAR
0.50 ACRES PERM.CLEAR
(THIS SHEET)
4580
LAKE SWAMP
4550
4560
4570
LAKE SWAMP
MATCHLINE SHEET 133
PIPE TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
XXX
EXISTING BRIDGE
MATCHLINE SHEET 138
FLOW
LAKE SWAMP
Wetlands
S.NICHOLS (NWI-S-23)
PROPOSED RIGHT OF WAY
Wetlands
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300
0
300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 136 OF 178

PLAN & PROFILE VIEW



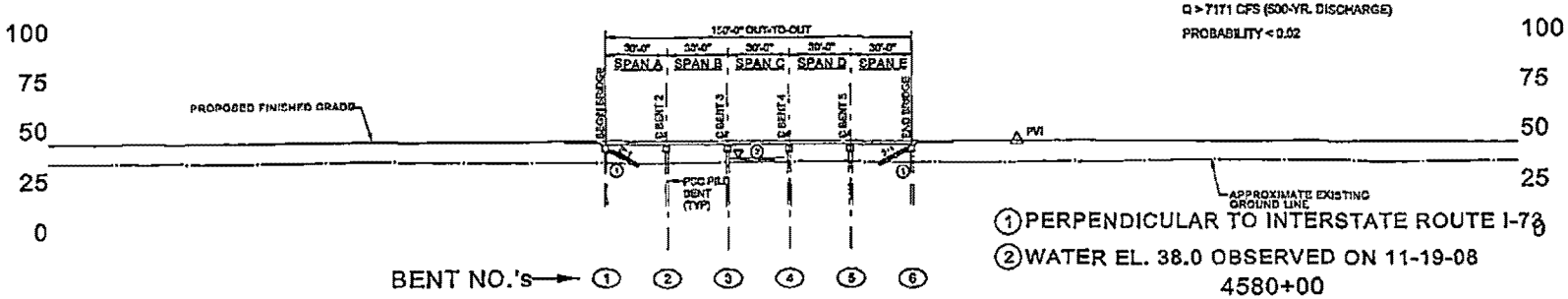
PLAN

HYDROLOGY DATA

D.A. = 147.50 SQ. MI.
Q_{50} = 4272 CFS
AREA FURNISHED UNDER EL. 43.82 = 1261 S.F.
V_{50} = 3.4 FT/SEC.
Q_{100} = 5133 CFS
AREA FURNISHED UNDER EL. 44.61 = 1380 S.F.
V_{100} = 3.7 FT/SEC.
$BACKWATER_{50}$ = 0.84'

OVERTOPPING FLOOD

Q > 7171 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



BENT NO.'s → ① ② ③ ④ ⑤ ⑥

① PERPENDICULAR TO INTERSTATE ROUTE I-73
② WATER EL. 38.0 OBSERVED ON 11-19-08

4580+00

4575+00 4576+00 4577+00 4578+00 4579+00

PROFILE

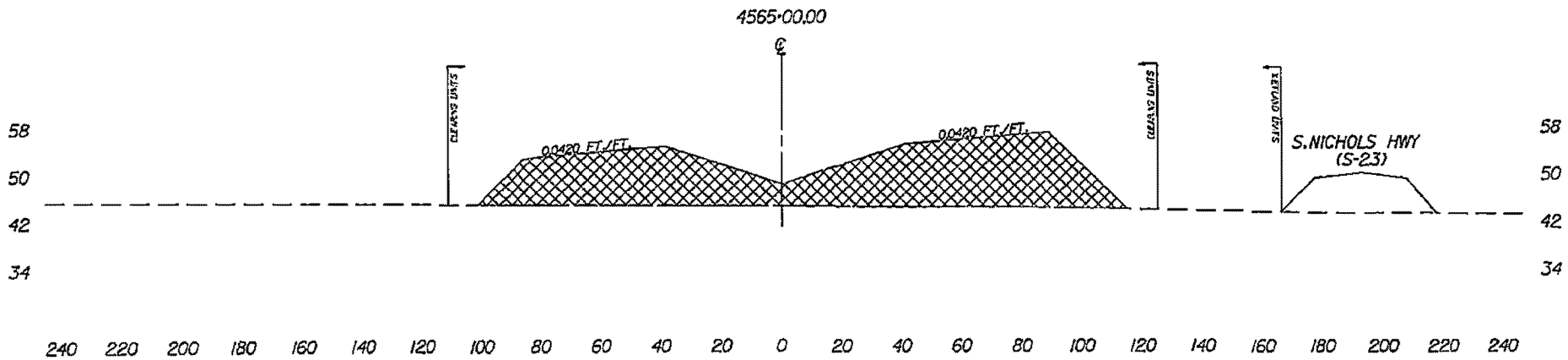
10 - 10

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 136A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION KKK-KKK

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 137 OF 178

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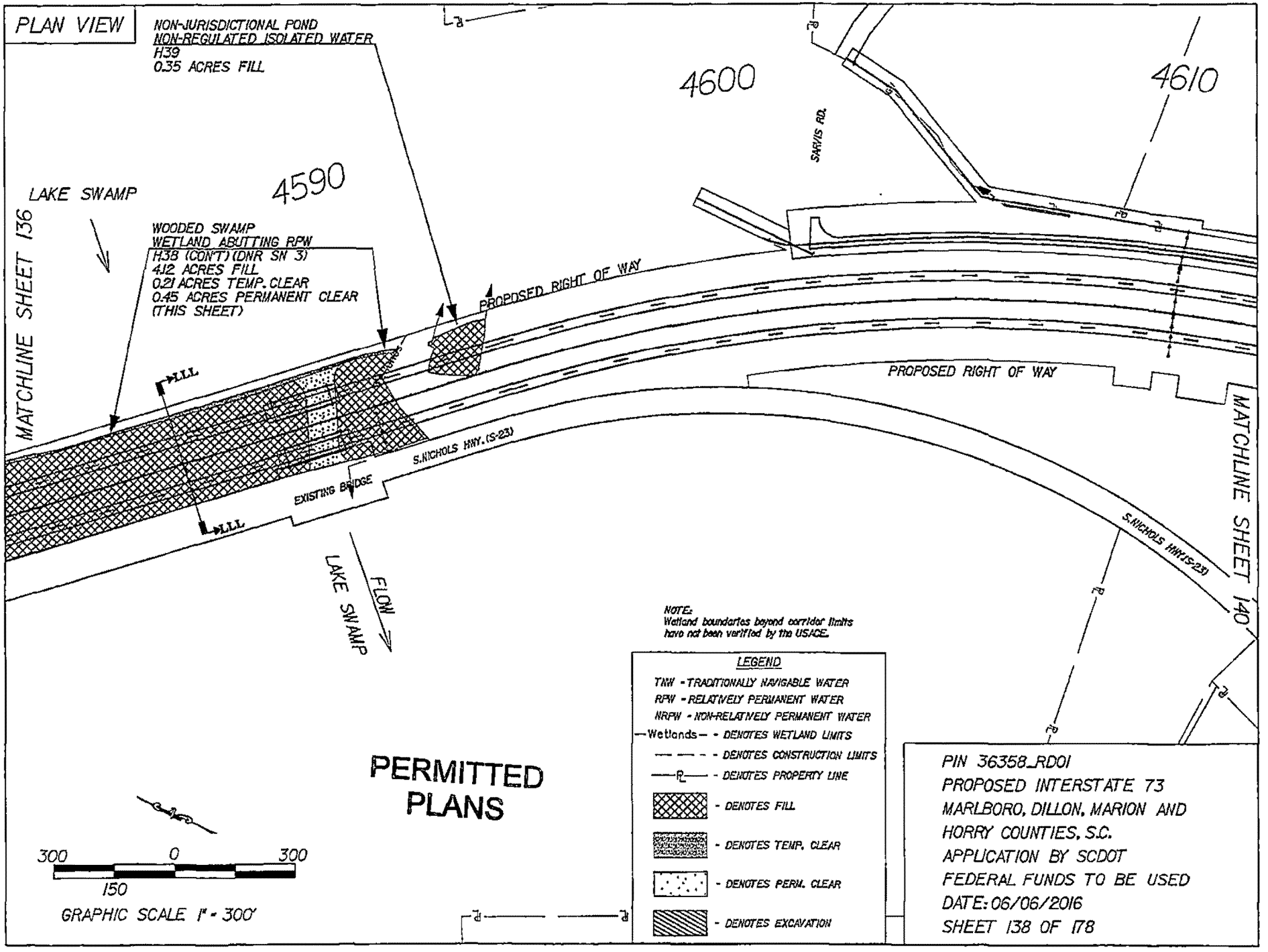
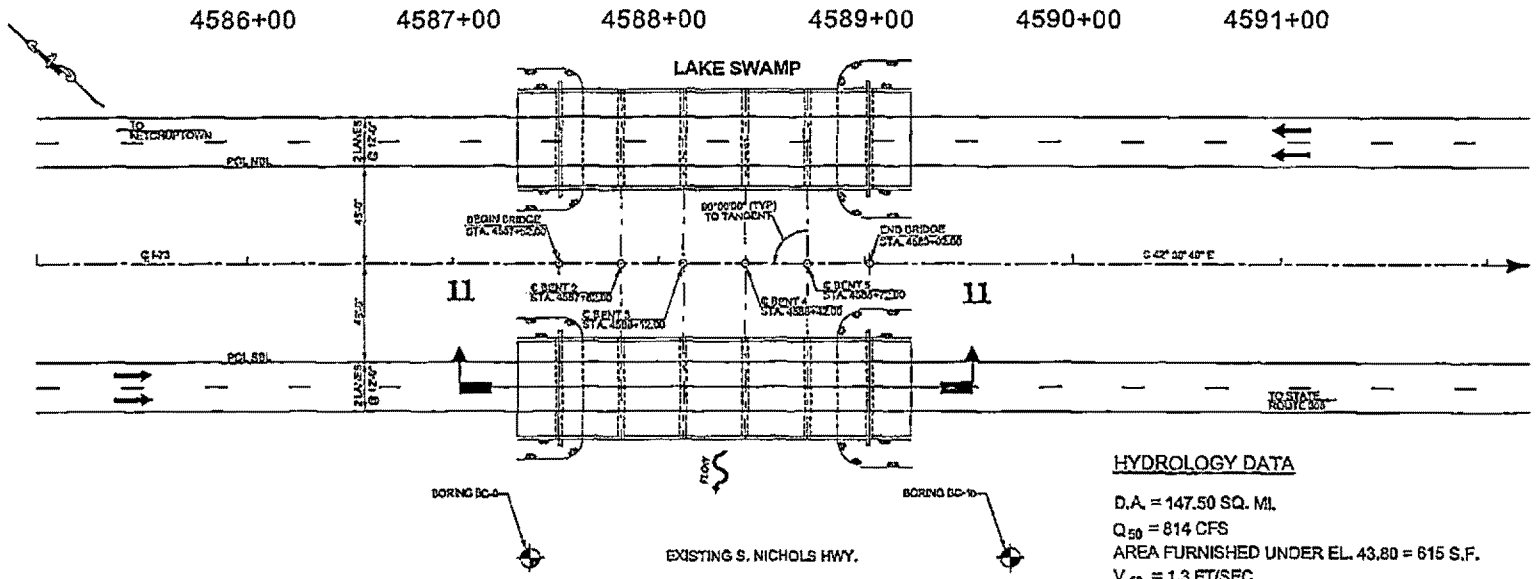


PLAN & PROFILE VIEW



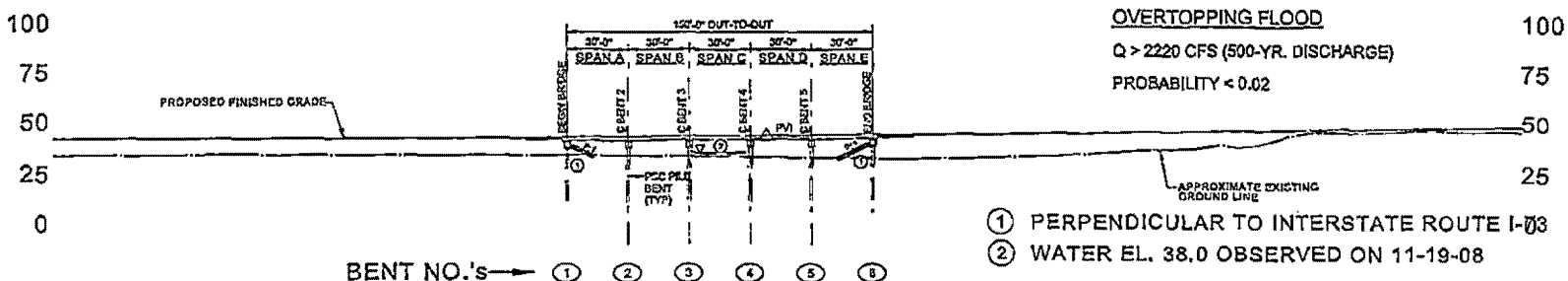
PLAN

HYDROLOGY DATA

D.A. = 147.50 SQ. MI.
Q_{50} = 814 CFS
AREA FURNISHED UNDER EL. 43.80 = 615 S.F.
V_{50} = 1.3 FT/SEC.
Q_{100} = 1100 CFS
AREA FURNISHED UNDER EL. 44.61 = 733.F.
V_{100} = 1.5 FT/SEC.
$BACKWATER_{100}$ = 0.84'

OVERTOPPING FLOOD

Q > 2220 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



① PERPENDICULAR TO INTERSTATE ROUTE I-73
② WATER EL. 38.0 OBSERVED ON 11-19-08

4586+00 4587+00 4588+00 4589+00 4590+00 4591+00

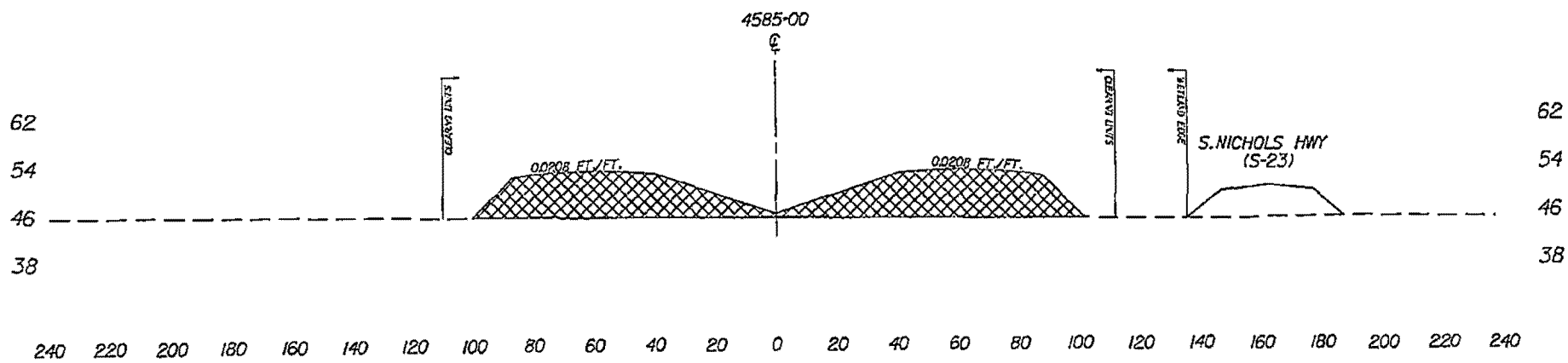
PROFILE
11 - 11

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 138A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION LLL-LLL

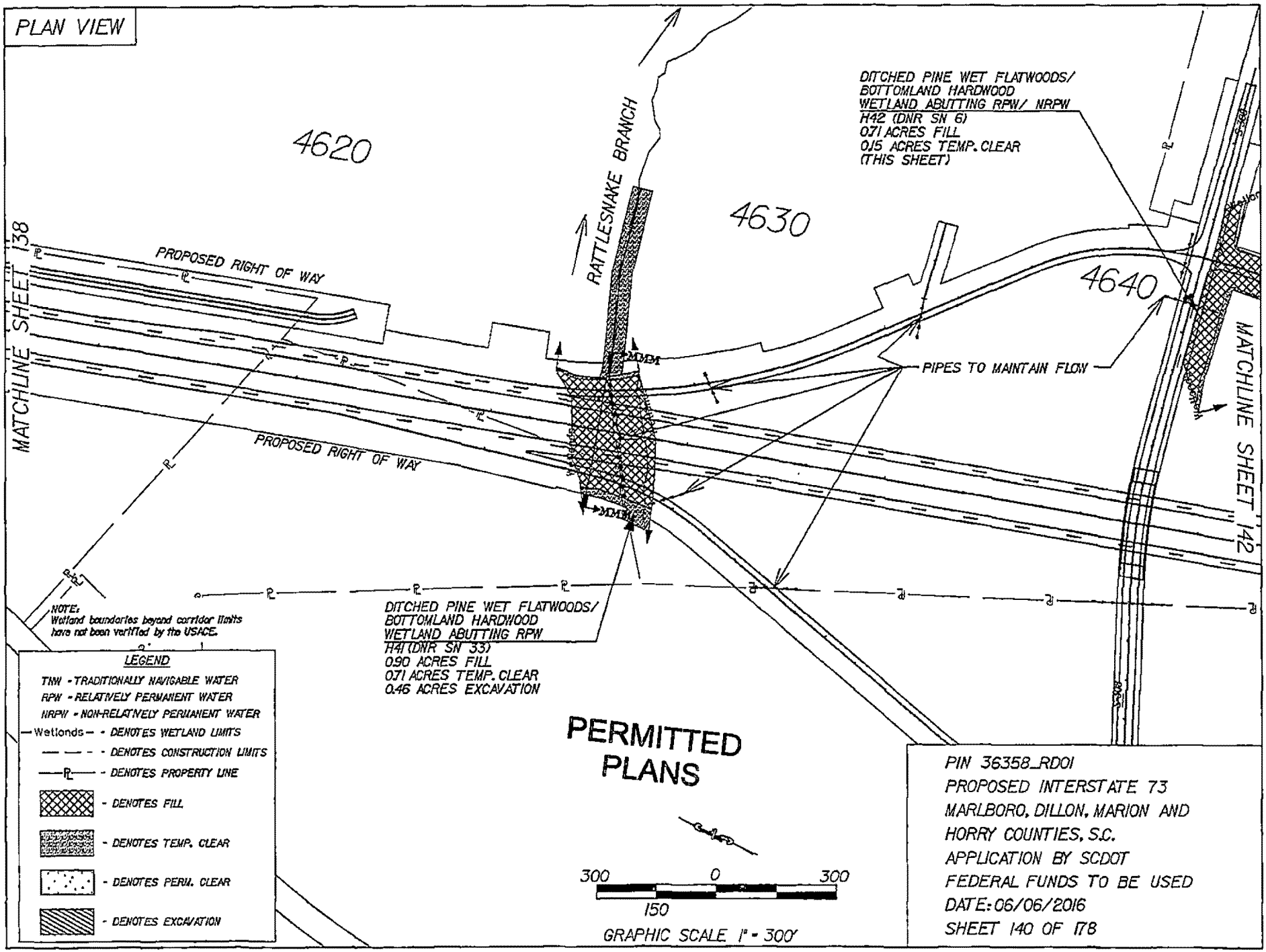
— — - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

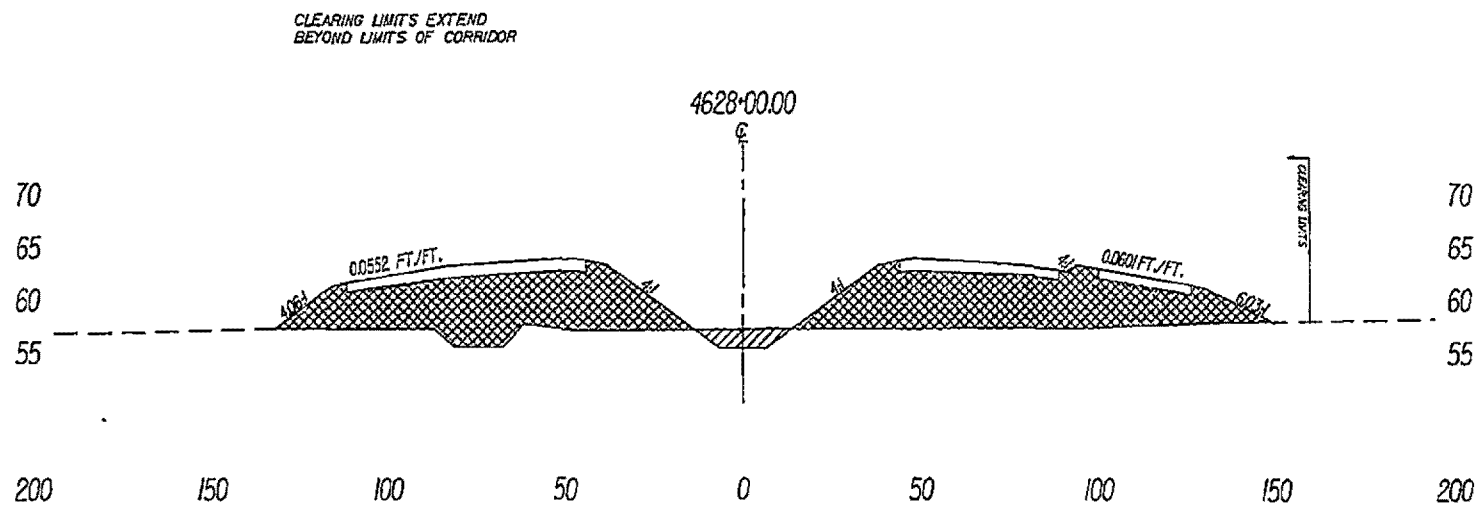
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 139 OF 178


PLAN VIEW
4620
4630
4640
RATTLESHAKE BRANCH
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
MATCHLINE SHEET 138
MATCHLINE SHEET 142
DITCHED PINE WET FLATWOODS/
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW/ NRPW
H42 (DNR SN 6)
0.71 ACRES FILL
0.15 ACRES TEMP. CLEAR
(THIS SHEET)
PIPES TO MAINTAIN FLOW
DITCHED PINE WET FLATWOODS/
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
H41 (DNR SN 33)
0.90 ACRES FILL
0.71 ACRES TEMP. CLEAR
0.46 ACRES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 140 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION MMM-MMM

- - - - DENOTES EXISTING GROUND LINE

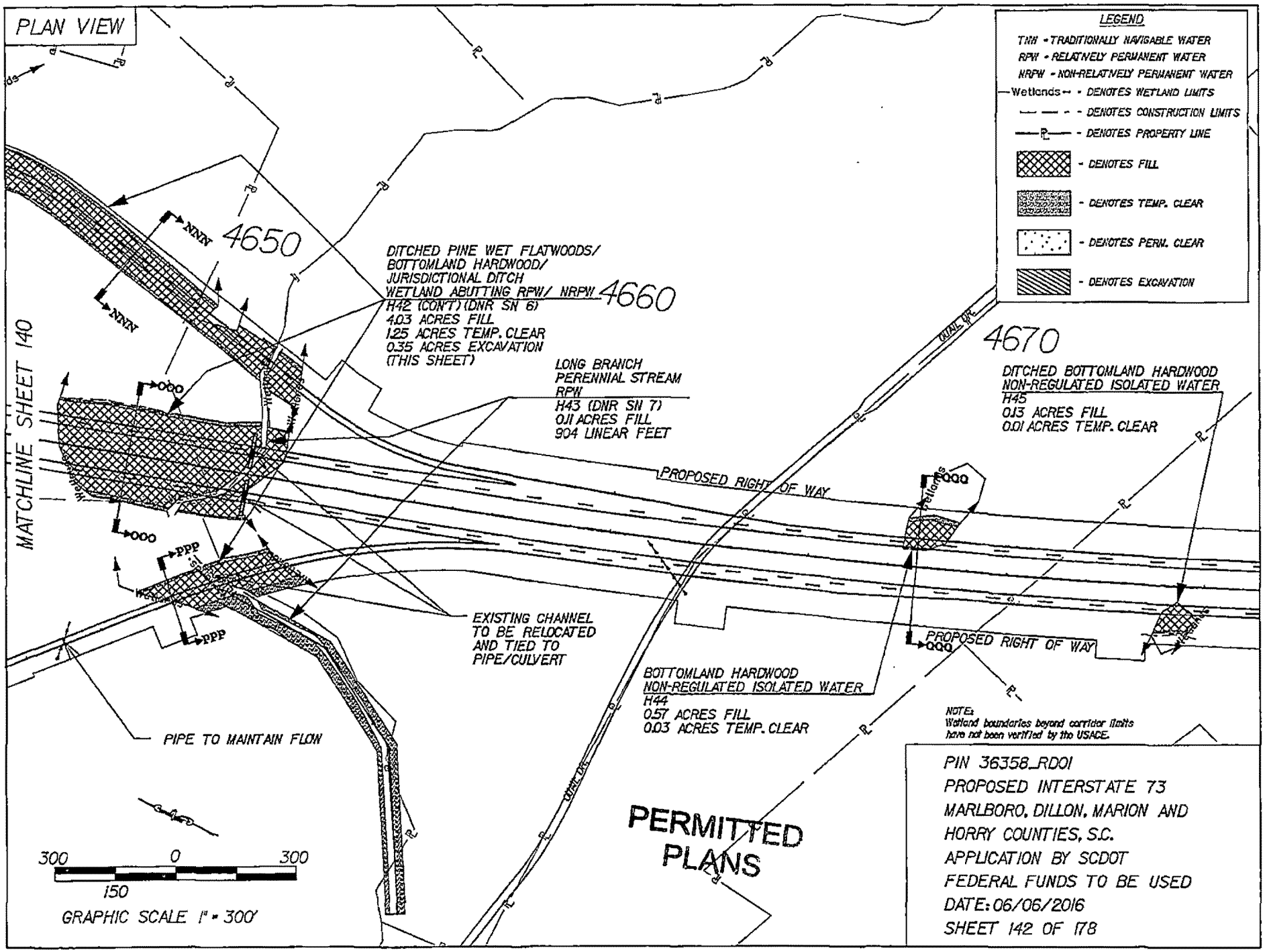
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

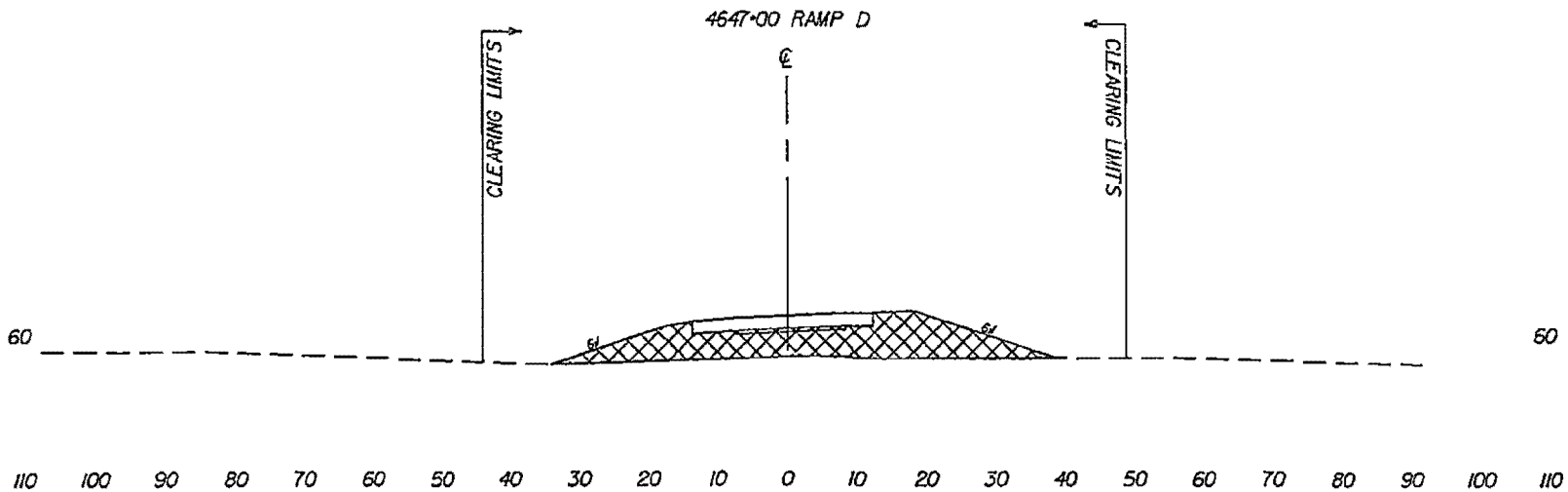
PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 141 OF 178


PLAN VIEW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
- DENOTES CONSTRUCTION LIMITS
- DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
MATCHLINE SHEET 140
4650
4660
4670
NNN
OOO
PPP
QQQ
DITCHED PINE WET FLATWOODS/
BOTTOMLAND HARDWOOD/
JURISDICTIONAL DITCH
WETLAND ABUTTING RPW/ NRPW
H42 (CON'T) (DNR SN 6)
4.03 ACRES FILL
1.25 ACRES TEMP. CLEAR
0.35 ACRES EXCAVATION
(THIS SHEET)
LONG BRANCH
PERENNIAL STREAM
RPW
H43 (DNR SN 7)
0.11 ACRES FILL
904 LINEAR FEET
DITCHED BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
H45
0.13 ACRES FILL
0.01 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
BOTTOMLAND HARDWOOD
NON-REGULATED ISOLATED WATER
H44
0.57 ACRES FILL
0.03 ACRES TEMP. CLEAR
PIPE TO MAINTAIN FLOW
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 142 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION NNN-NNN

- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

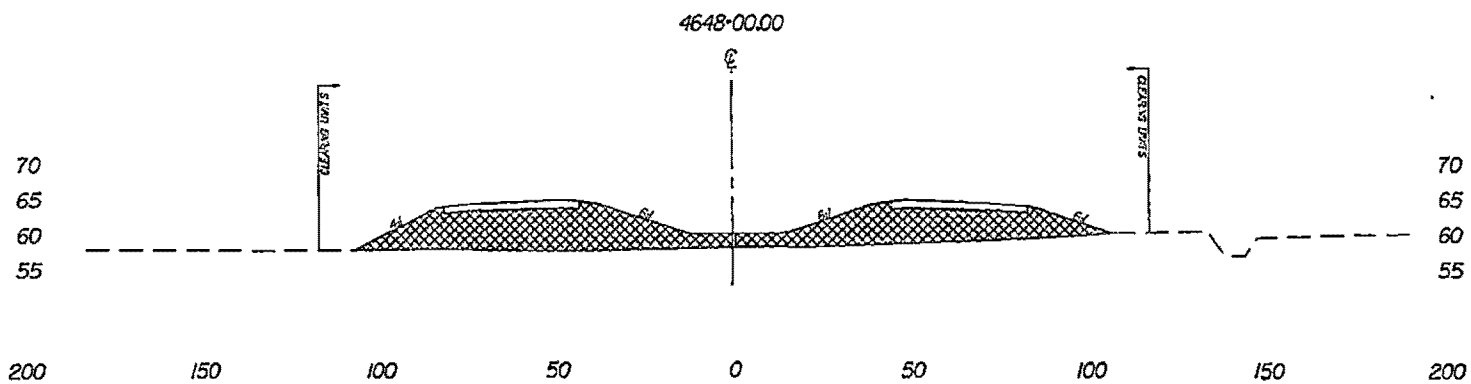
PERMITTED PLANS

25 0 25
12.5
GRAPHIC SCALE 1" = 25' HORIZ.

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 143 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION 000-000

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

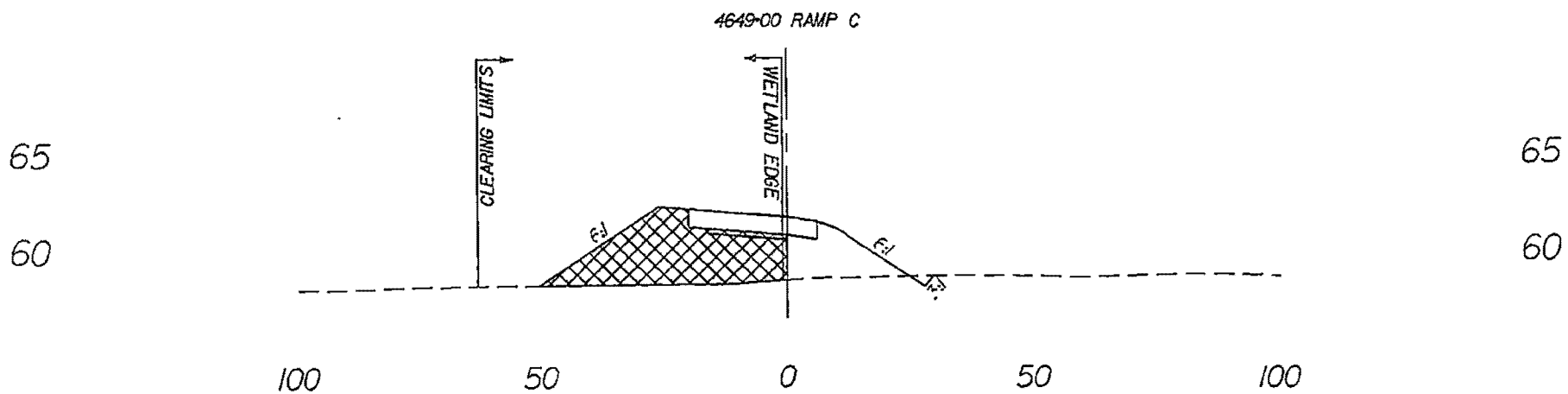
50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 144 OF 178

CROSS SECTION



SECTION PPP-PPP

- - - - DENOTES EXISTING GROUND LINE

▨ - DENOTES FILL

25 0 25

12.5

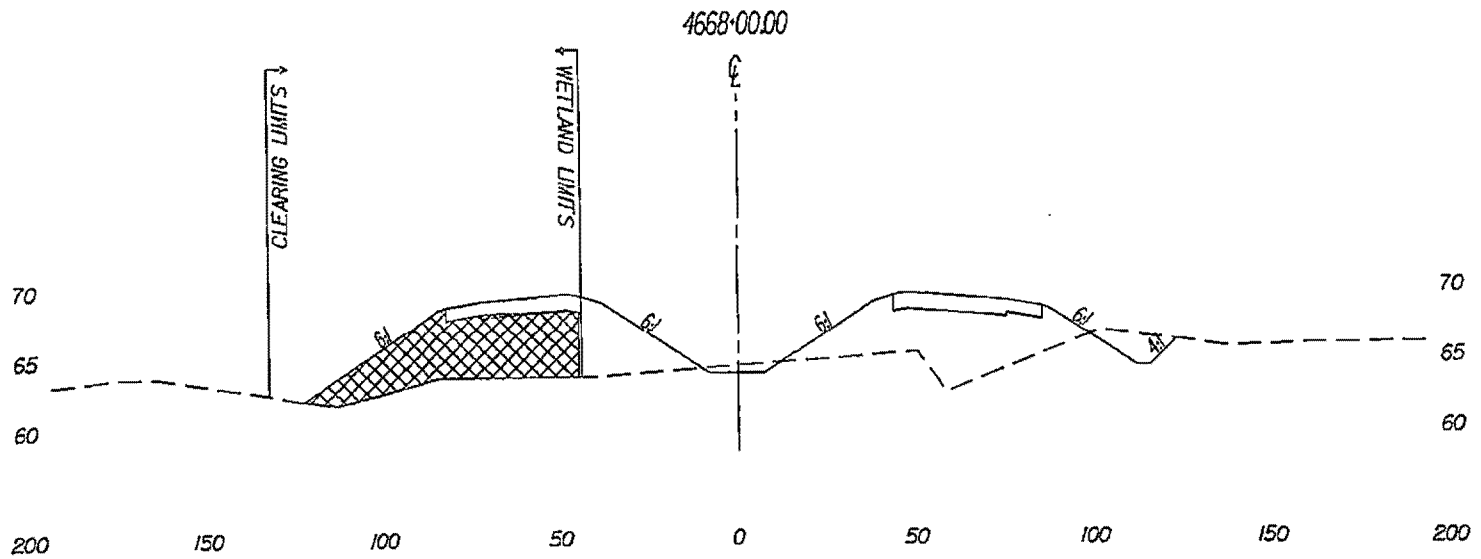
GRAPHIC SCALE 1" = 25' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 145 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION 000-000

— — - DENOTES EXISTING GROUND LINE

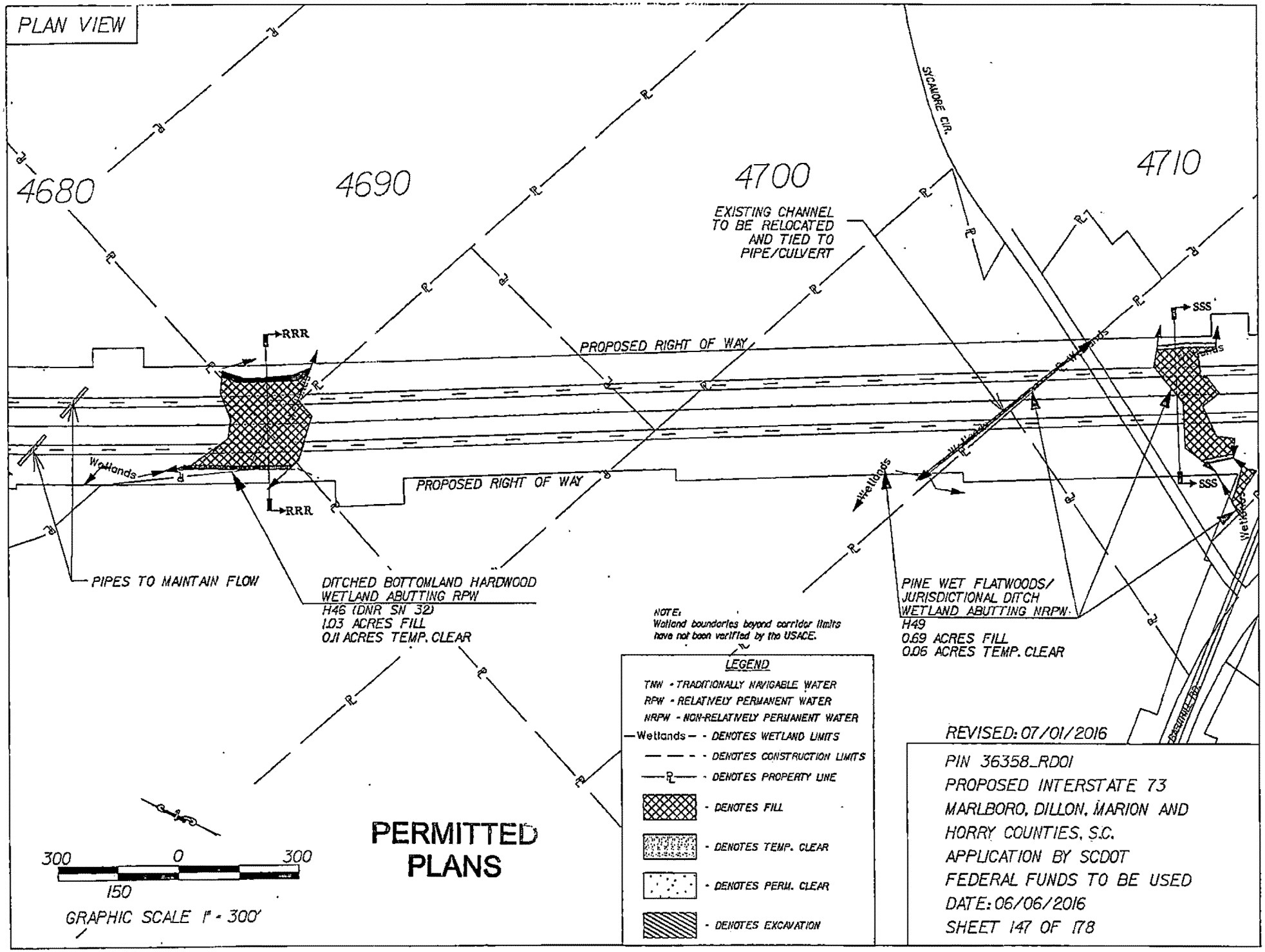
- DENOTES FILL

50 0 50
25

GRAPHIC SCALE 1" = 50' HORIZ.

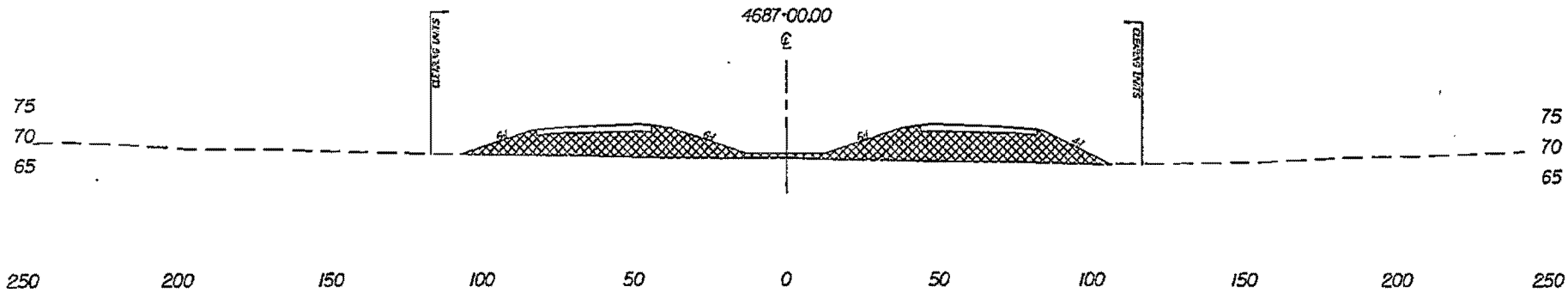
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 146 OF 178


PLAN VIEW
4680
4690
4700
4710
SYCAMORE CIR.
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
RRR
RRR
SSS
SSS
Wetlands
Wetlands
Wetlands
Wetlands
PIPES TO MAINTAIN FLOW
DITCHED BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
H46 (DNR SN 32)
1.03 ACRES FILL
0.11 ACRES TEMP. CLEAR
PINE WET FLATWOODS/ JURISDICTIONAL DITCH WETLAND ABUTTING NRPW
H49
0.69 ACRES FILL
0.06 ACRES TEMP. CLEAR
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 147 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION RRR-RRR

— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

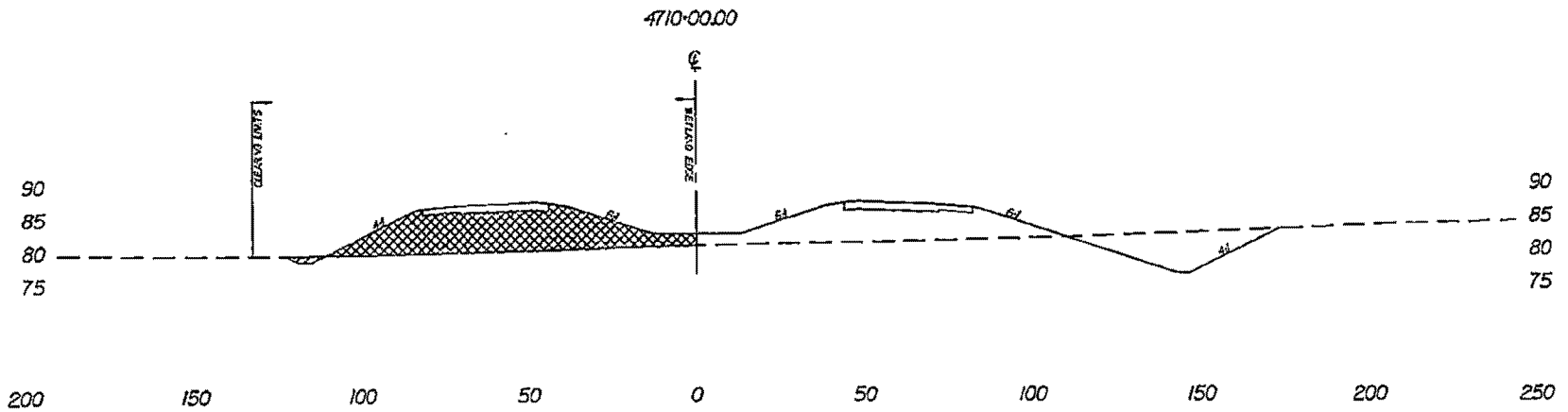
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 148 OF 178

ED_00136 3_00000276-00167

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION SSS-SSS

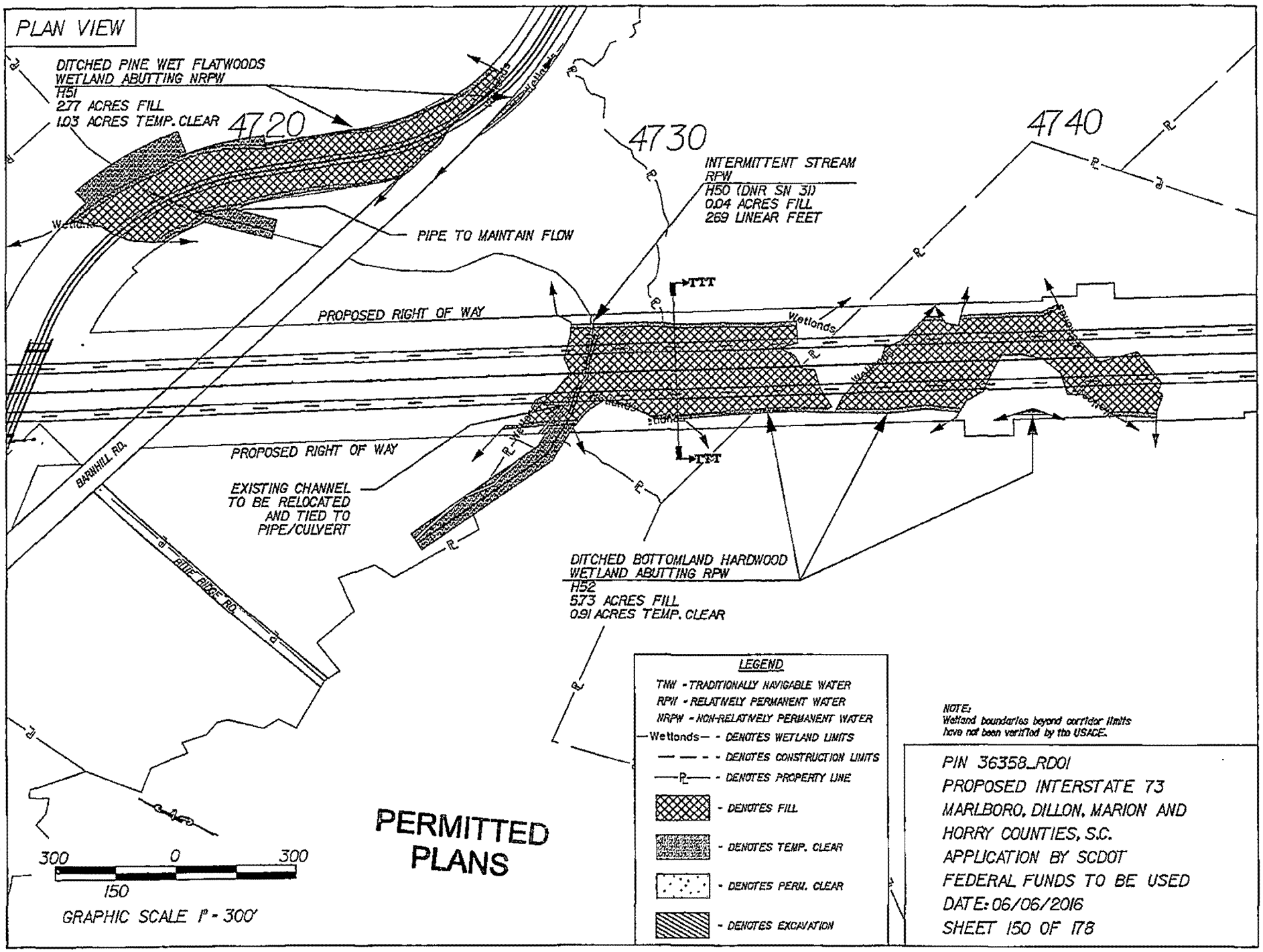
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

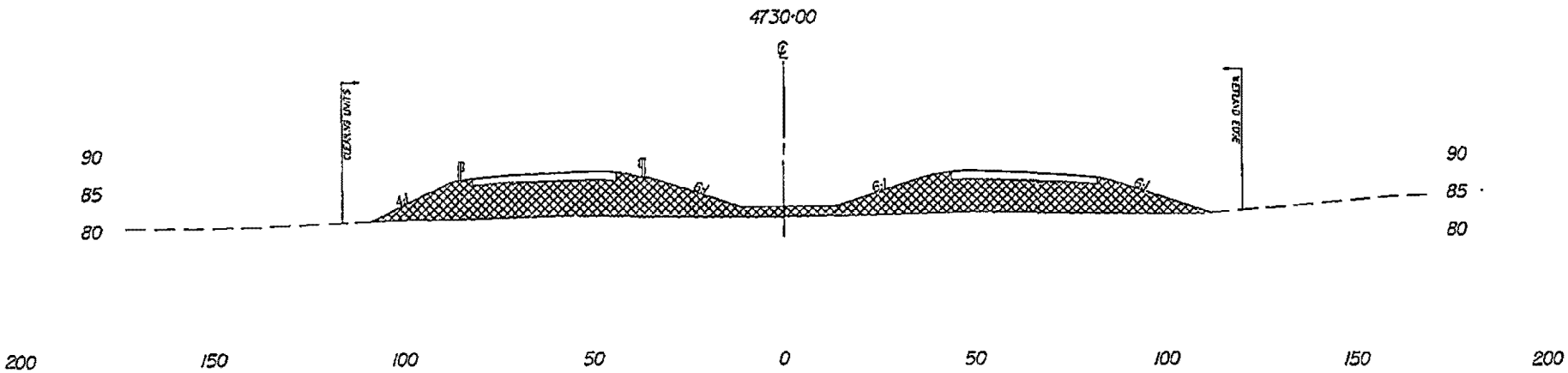
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 149 OF 178


PLAN VIEW
DITCHED PINE WET FLATWOODS
WETLAND ABUTTING NRPW
H51
2.77 ACRES FILL
1.03 ACRES TEMP. CLEAR
4720
4730
4740
INTERMITTENT STREAM
RPW
H50 (DNR SN 31)
0.04 ACRES FILL
269 LINEAR FEET
PIPE TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
BARWHILL RD.
BLUE RIDGE RD.
TTT
TTT
Wetlands
DITCHED BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
H52
5.73 ACRES FILL
0.91 ACRES TEMP. CLEAR
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 150 OF 178
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION TTT-TTT

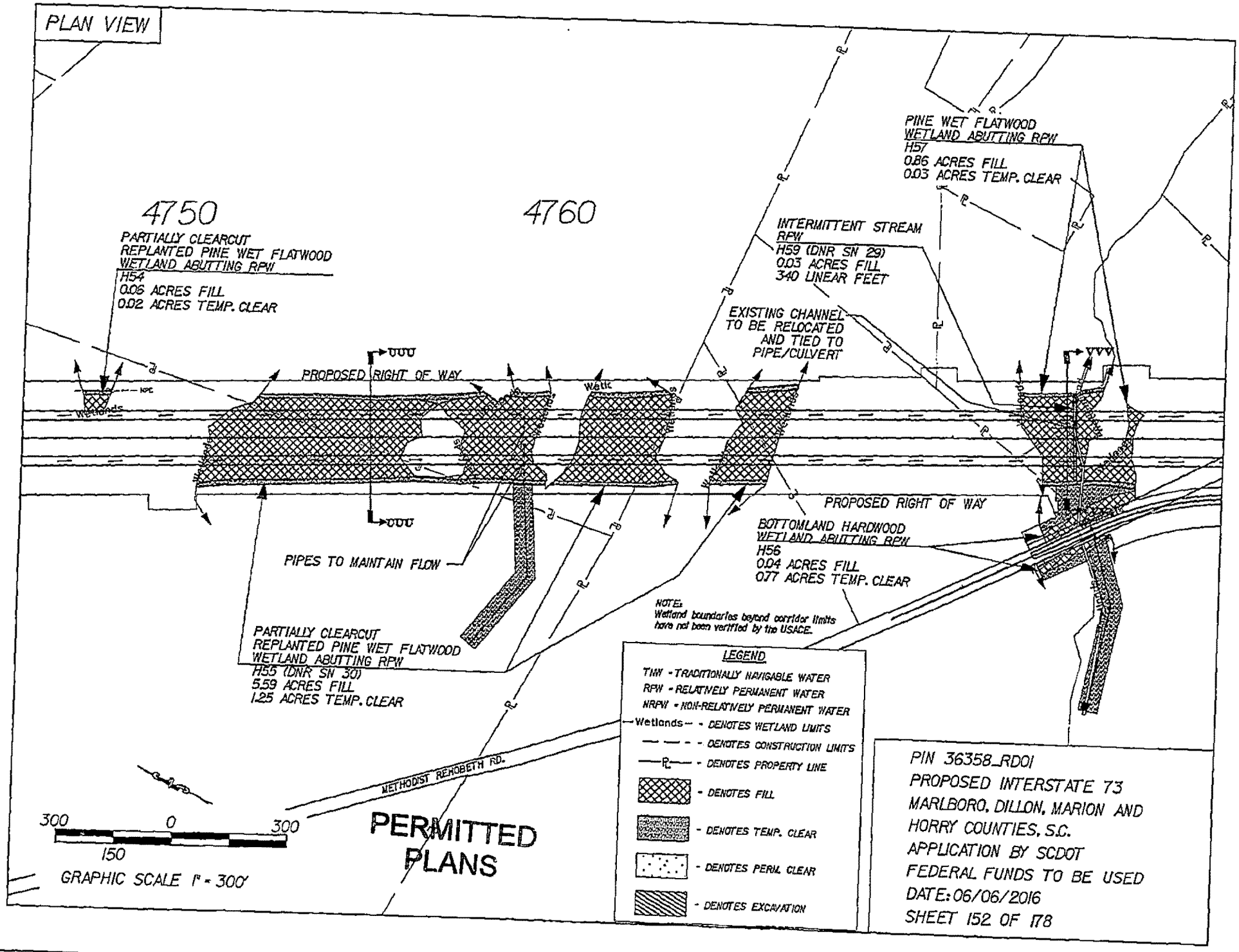
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

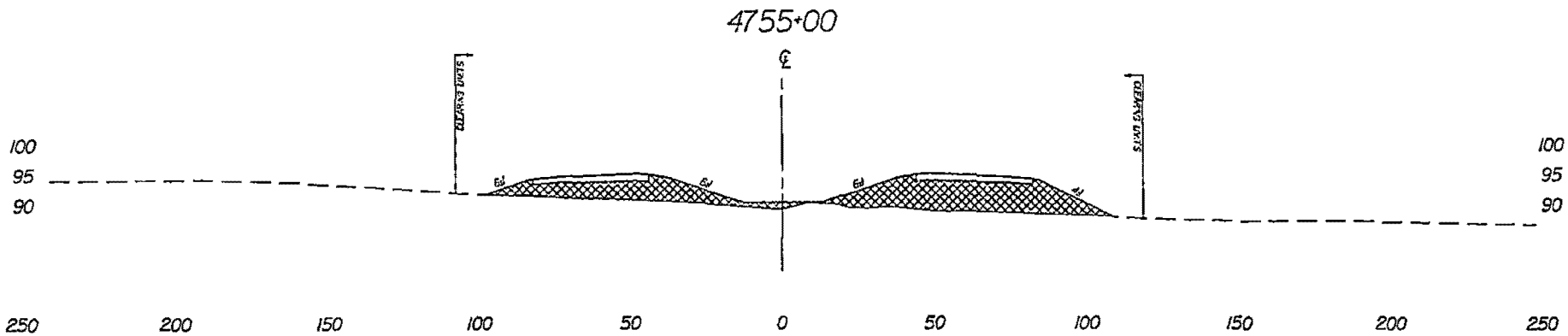
PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 151 OF 178


PLAN VIEW
4750
4760
PARTIALLY CLEARCUT
REPLANTED PINE WET FLATWOOD
WETLAND ABUTTING RPW
H54
0.06 ACRES FILL
0.02 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
PIPES TO MAINTAIN FLOW
PARTIALLY CLEARCUT
REPLANTED PINE WET FLATWOOD
WETLAND ABUTTING RPW
H55 (DNR SN 30)
5.59 ACRES FILL
1.25 ACRES TEMP. CLEAR
INTERMITTENT STREAM
RPW
H59 (DNR SN 29)
0.03 ACRES FILL
340 LINEAR FEET
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H57
0.86 ACRES FILL
0.03 ACRES TEMP. CLEAR
PROPOSED RIGHT OF WAY
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
H56
0.04 ACRES FILL
0.77 ACRES TEMP. CLEAR
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
METHODIST REHOBETH RD.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 152 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION UUU-UUU

- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

50 0 50
25
GRAPHIC SCALE 1" - 50' HORIZ.

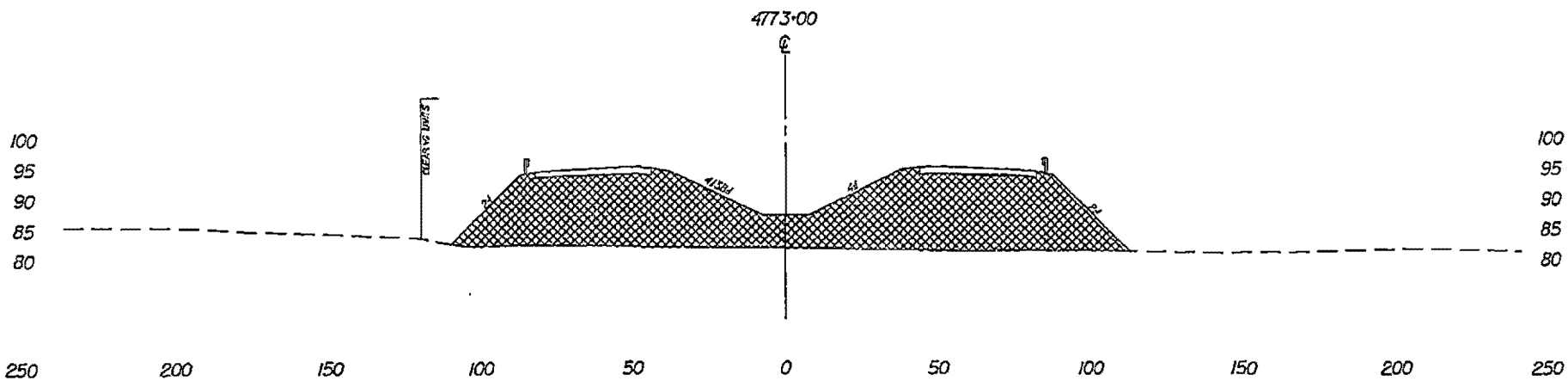
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 153 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS

CLEARING LIMITS EXTEND
BEYOND CORRIDOR



SECTION VVV-VVV

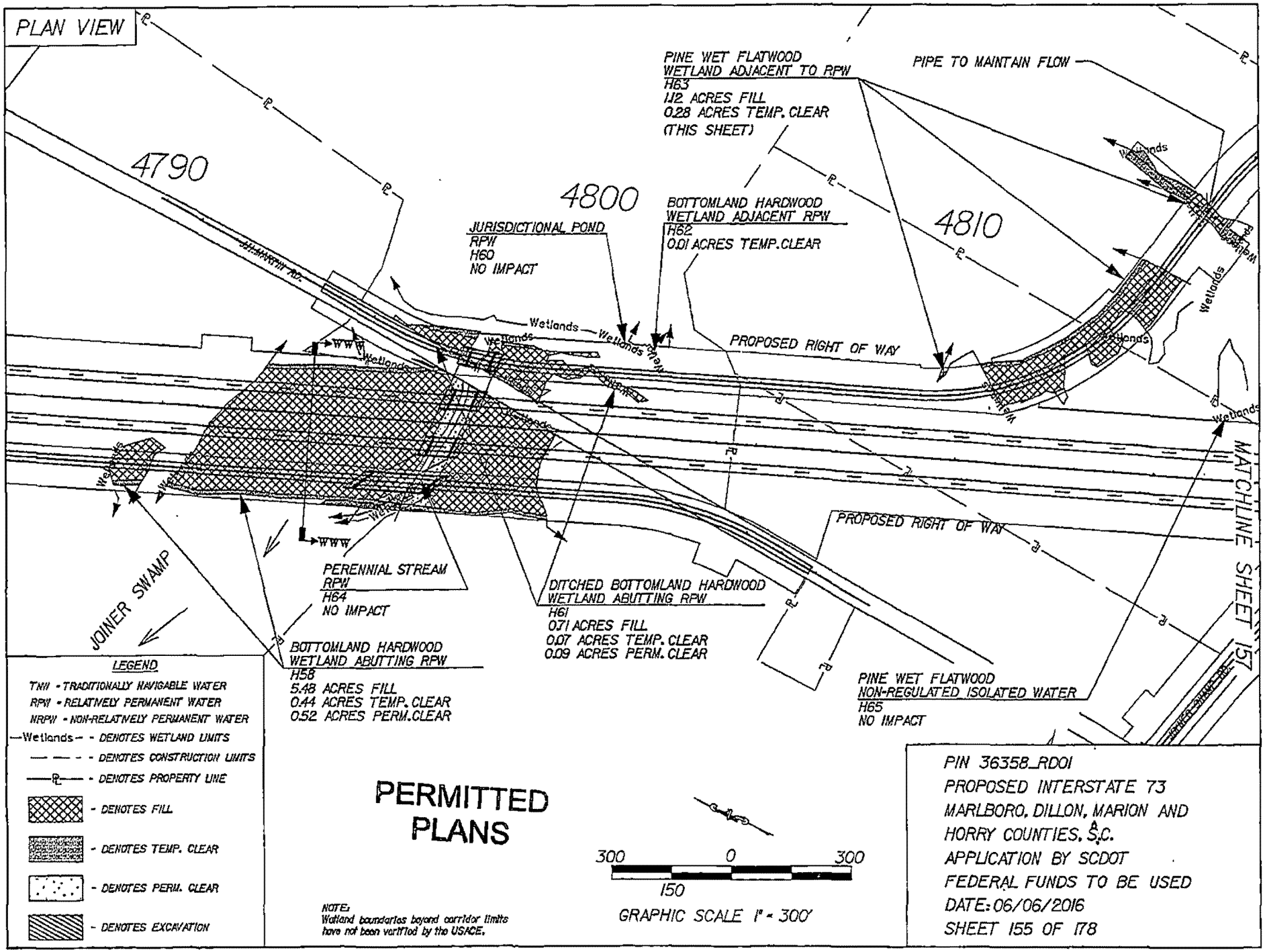
- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

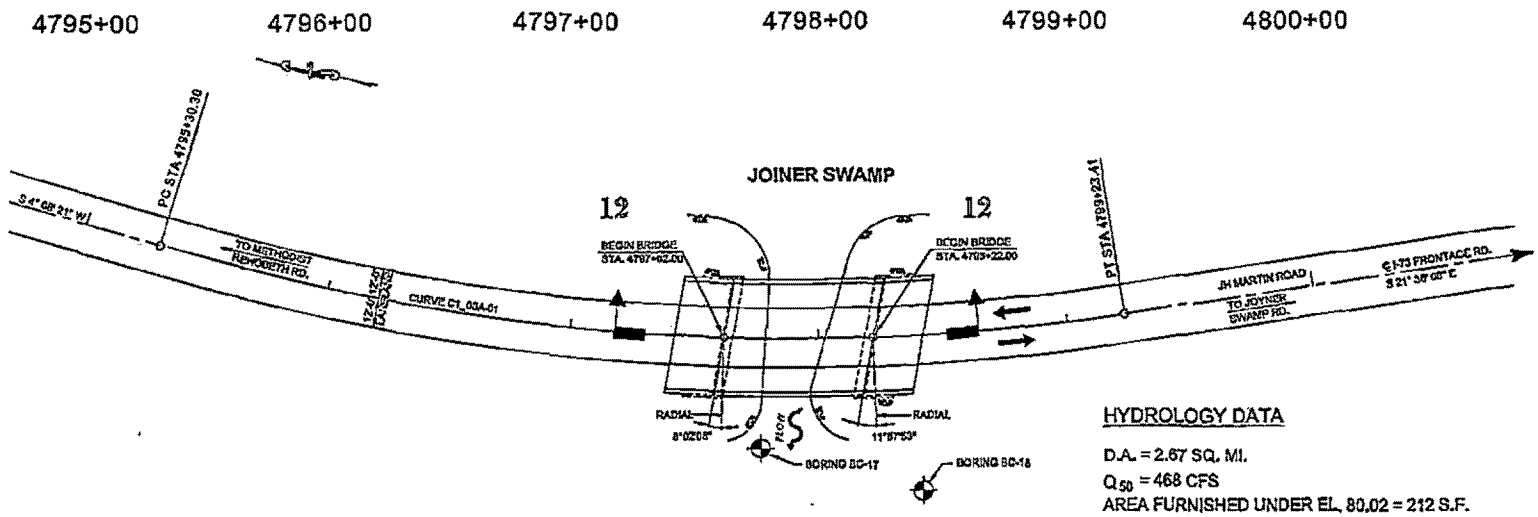
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 154 OF 178


PLAN VIEW
4790
4800
4810
PINE WET FLATWOOD
WETLAND ADJACENT TO RPW
H63
1.12 ACRES FILL
0.28 ACRES TEMP. CLEAR
(THIS SHEET)
PIPE TO MAINTAIN FLOW
JURISDICTIONAL POND
RPW
H60
NO IMPACT
BOTTOMLAND HARDWOOD
WETLAND ADJACENT RPW
H62
0.01 ACRES TEMP.CLEAR
Wetlands
Wetlands Stream
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PERENNIAL STREAM
RPW
H64
NO IMPACT
DITCHED BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
H61
0.71 ACRES FILL
0.07 ACRES TEMP. CLEAR
0.09 ACRES PERM. CLEAR
BOTTOMLAND HARDWOOD
WETLAND ABUTTING RPW
H58
5.48 ACRES FILL
0.44 ACRES TEMP. CLEAR
0.52 ACRES PERM.CLEAR
PINE WET FLATWOOD
NON-REGULATED ISOLATED WATER
H65
NO IMPACT
JOINER SWAMP
MATCHLINE SHEET 157
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 155 OF 178

PLAN & PROFILE VIEW



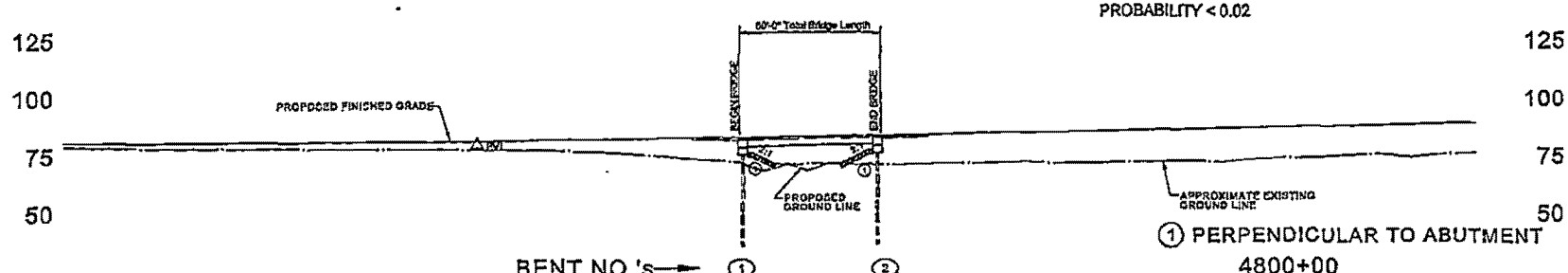
PLAN

HYDROLOGY DATA

D.A. = 2.67 SQ. MI.
Q_{50} = 468 CFS
AREA FURNISHED UNDER EL. 80.02 = 212 S.F.
V_{50} = 2.8 FT/SEC.
Q_{100} = 579 CFS
AREA FURNISHED UNDER EL. 80.64 = 243S.F.
V_{100} = 3.20 FT/SEC.
$BACKWATER_{100}$ = -1.93'

OVERTOPPING FLOOD

Q > 896 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



① PERPENDICULAR TO ABUTMENT
4800+00

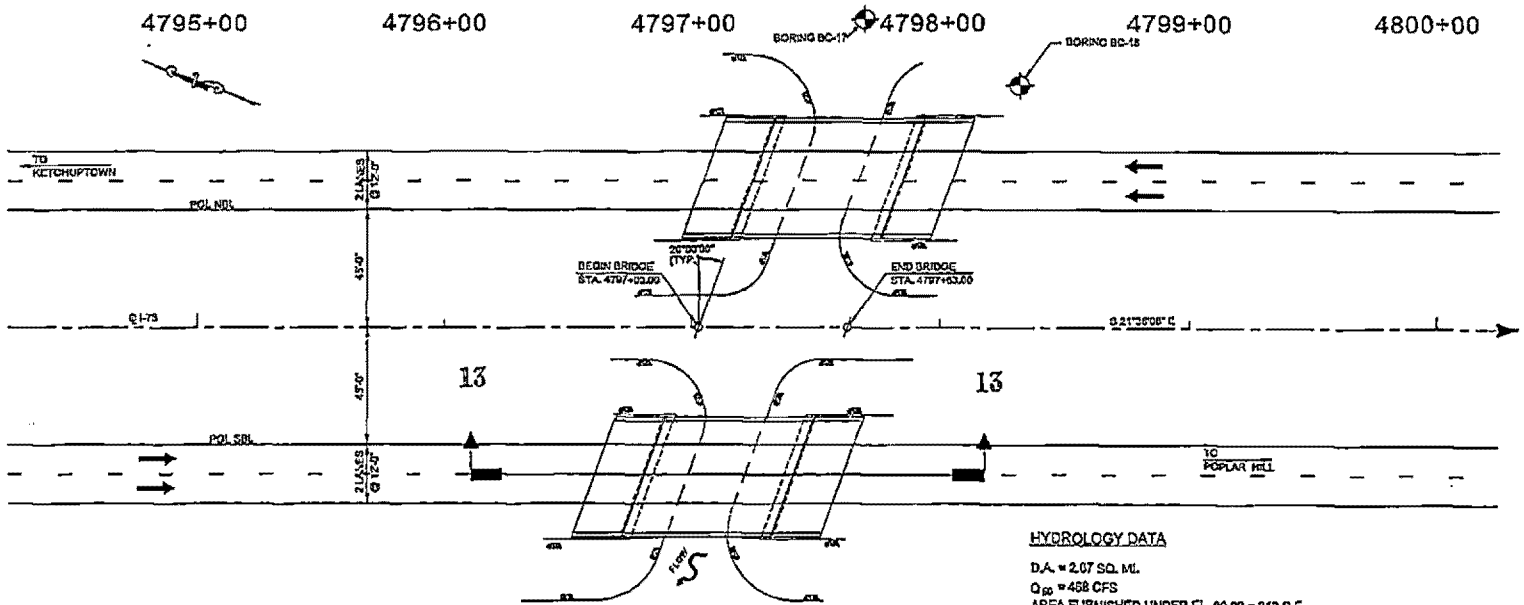
4795+00 4796+00 4797+00 4798+00 4799+00

PROFILE
12 - 12

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 155A OF 178

PLAN & PROFILE VIEW



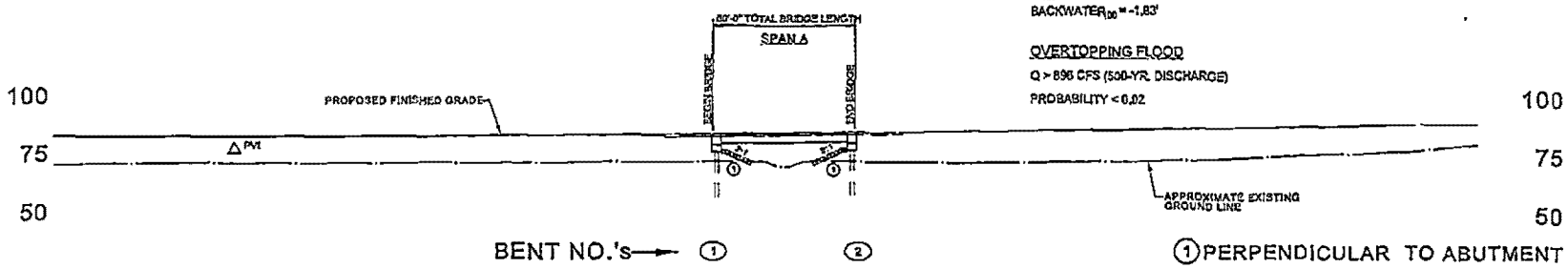
JOINER SWAMP
PLAN

HYDROLOGY DATA

D.A. = 2.07 SQ. MI.
Q_{50} = 458 CFS
AREA FURNISHED UNDER EL. 80.02 = 212 S.F.
V_{50} = 2.8 FT/SEC.
Q_{100} = 579 CFS
AREA FURNISHED UNDER EL. 80.64 = 243S.F.
V_{100} = 3.20 FT/SEC.
$BACKWATER_{100}$ = -1.83'

OVERTOPPING FLOOD

Q > 896 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02



4799+00 4800+00

4795+00 4796+00 4797+00 4798+00

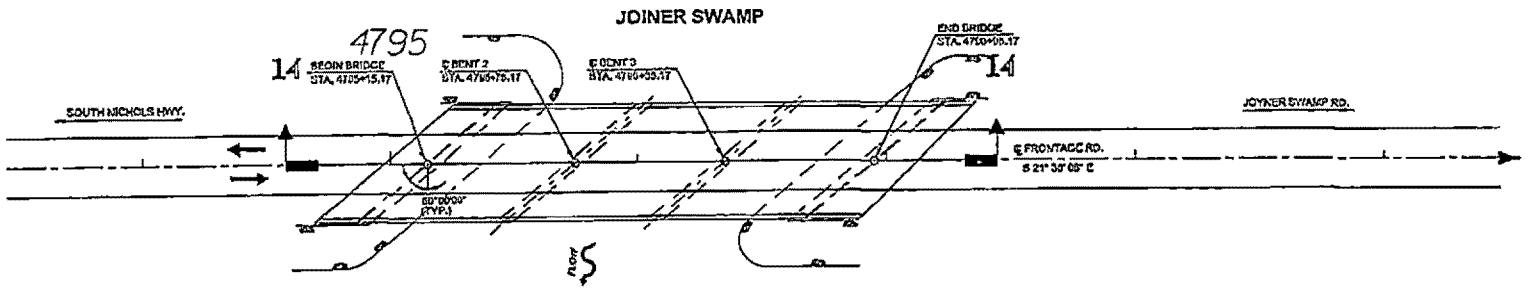
PROFILE
13 - 13

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 155B OF 178

PLAN & PROFILE VIEW

4794+00 4795+00 4796+00 4797+00 4798+00 4799+00



PLAN

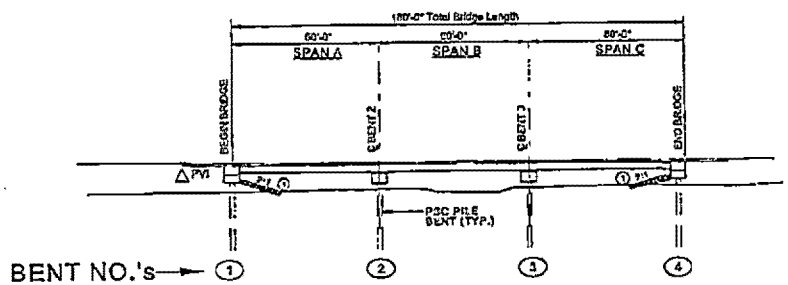
HYDROLOGY DATA

D.A. = 2.67 SQ. MI.
Q_{50} = 468 CFS
AREA FURNISHED UNDER EL. 80.02 = 212 S.F.
V_{50} = 2.8 FT/SEC.
Q_{100} = 579 CFS
AREA FURNISHED UNDER EL. 80.64 = 243S.F.
V_{100} = 3.20 FT/SEC.
$BACKWATER_{00}$ = -1.93'

OVERTOPPING FLOOD

Q > 896 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.02

100
75
50



100
75
50

1 PERPENDICULAR TO ABUTMENT

4799+00

4794+00 4795+00 4796+00 4797+00 4798+00

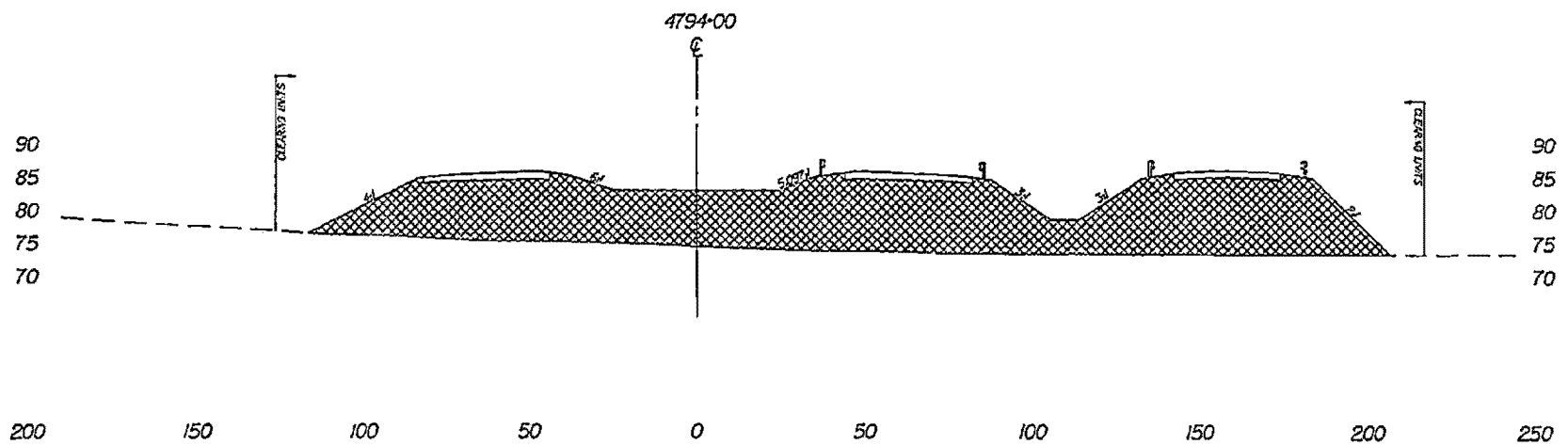
PROFILE
14 - 14

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 155C OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION WWW-WWW

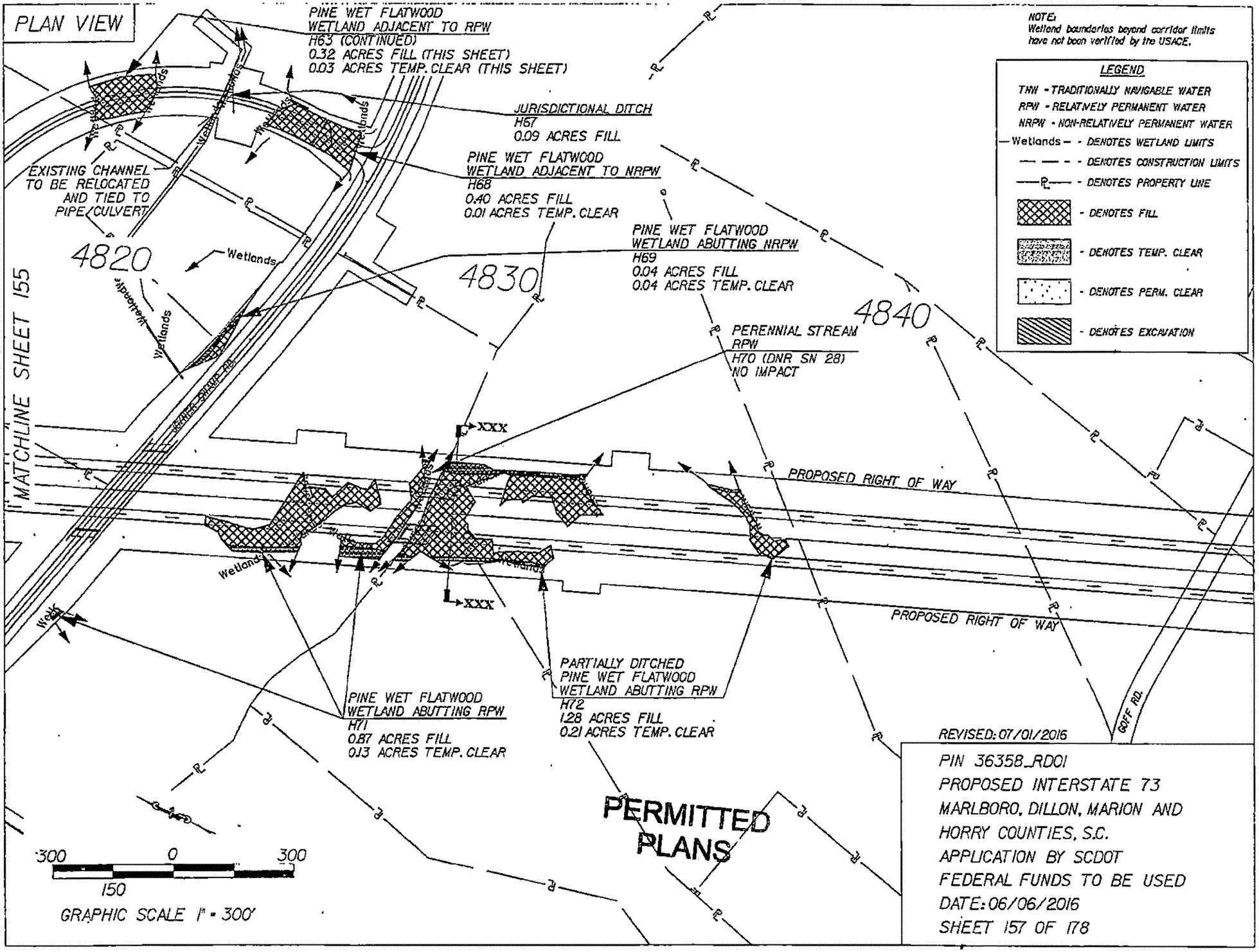
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

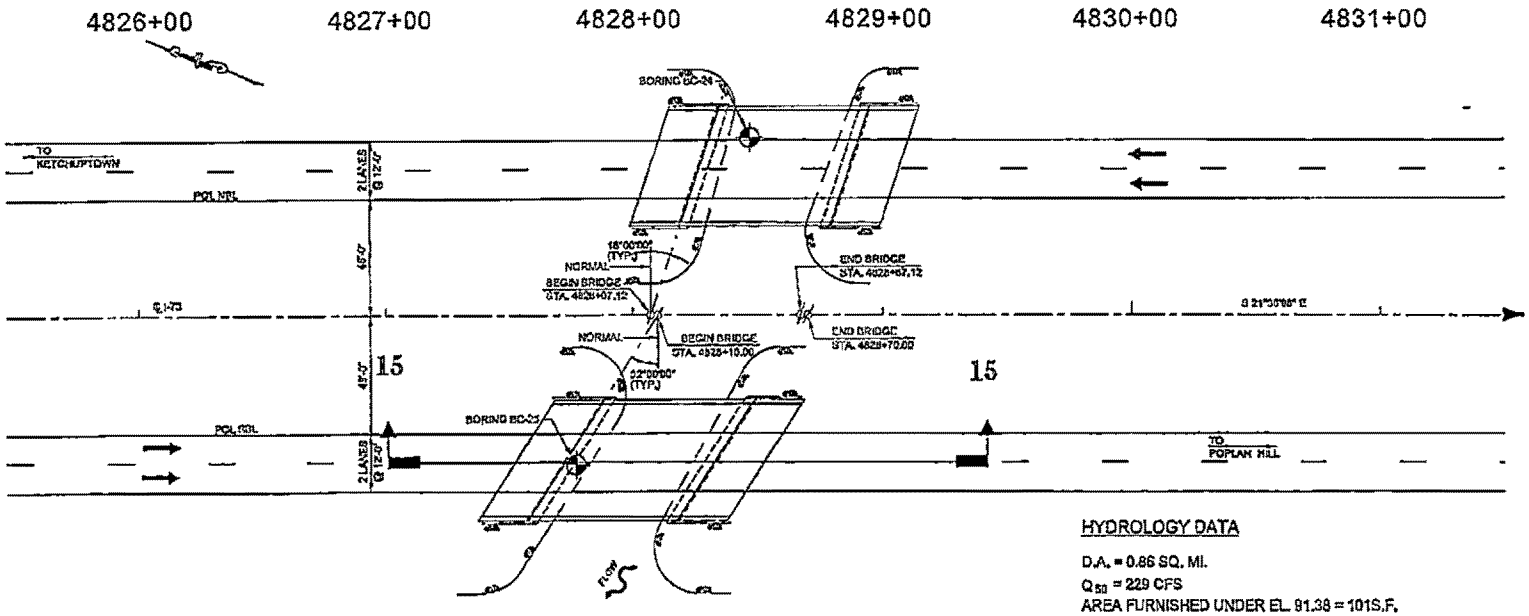
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 156 OF 178


PLAN VIEW
PINE WET FLATWOOD
WETLAND ADJACENT TO RPW
H63 (CONTINUED)
0.32 ACRES FILL (THIS SHEET)
0.03 ACRES TEMP. CLEAR (THIS SHEET)
JURISDICTIONAL DITCH
H67
0.09 ACRES FILL
PINE WET FLATWOOD
WETLAND ADJACENT TO NRPW
H68
0.40 ACRES FILL
0.01 ACRES TEMP. CLEAR
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PINE WET FLATWOOD
WETLAND ABUTTING NRPW
H69
0.04 ACRES FILL
0.04 ACRES TEMP. CLEAR
PERENNIAL STREAM
RPW
H70 (DNR SN 28)
NO IMPACT
4820
4830
4840
Wetlands
MATCHLINE SHEET 155
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PARTIALLY DITCHED
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H72
1.28 ACRES FILL
0.21 ACRES TEMP. CLEAR
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H71
0.87 ACRES FILL
0.13 ACRES TEMP. CLEAR
GOFF RD.
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 157 OF 178

PLAN & PROFILE VIEW



PLAN

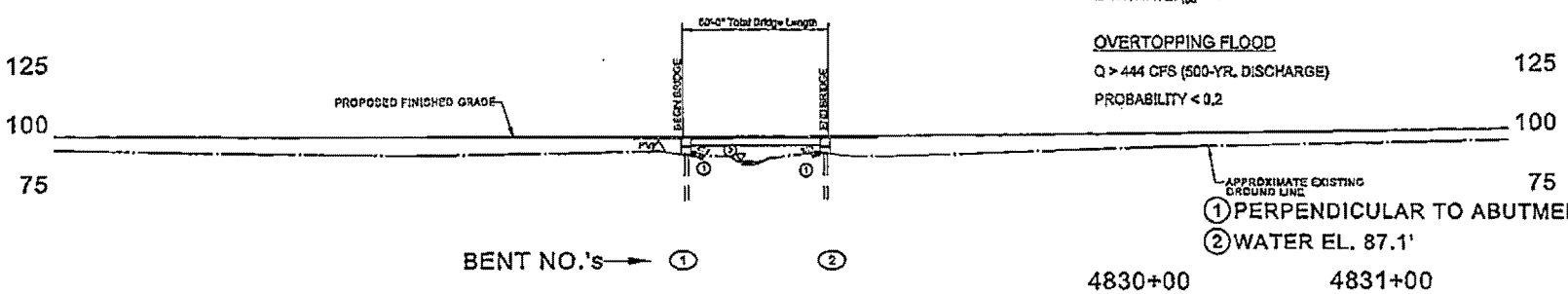
HYDROLOGY DATA

D.A. = 0.86 SQ. MI.
Q_{50} = 229 CFS
AREA FURNISHED UNDER EL. 91.38 = 101S.F.
V_{50} = 3.0 FT/SEC.
Q_{100} = 285 CFS
AREA FURNISHED UNDER EL. 91.83 = 124S.F.
V_{100} = 3.2 FT/SEC.
$BACKWATER_{100}$ = .15'

OVERTOPPING FLOOD

Q > 444 CFS (500-YR. DISCHARGE)

PROBABILITY < 0.2



1 PERPENDICULAR TO ABUTMENT
2 WATER EL. 87.1'

4826+00 4827+00 4828+00 4829+00

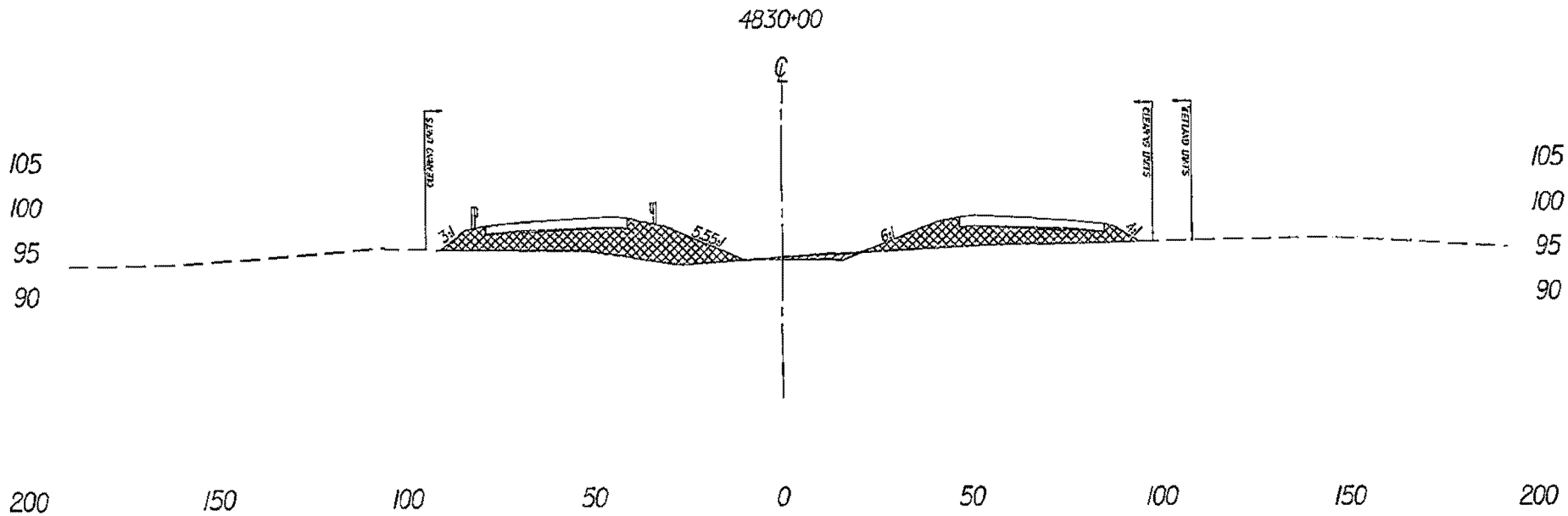
PERMITTED PLANS

PROFILE
15 - 15

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 157A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION XXX-XXX

- - - - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

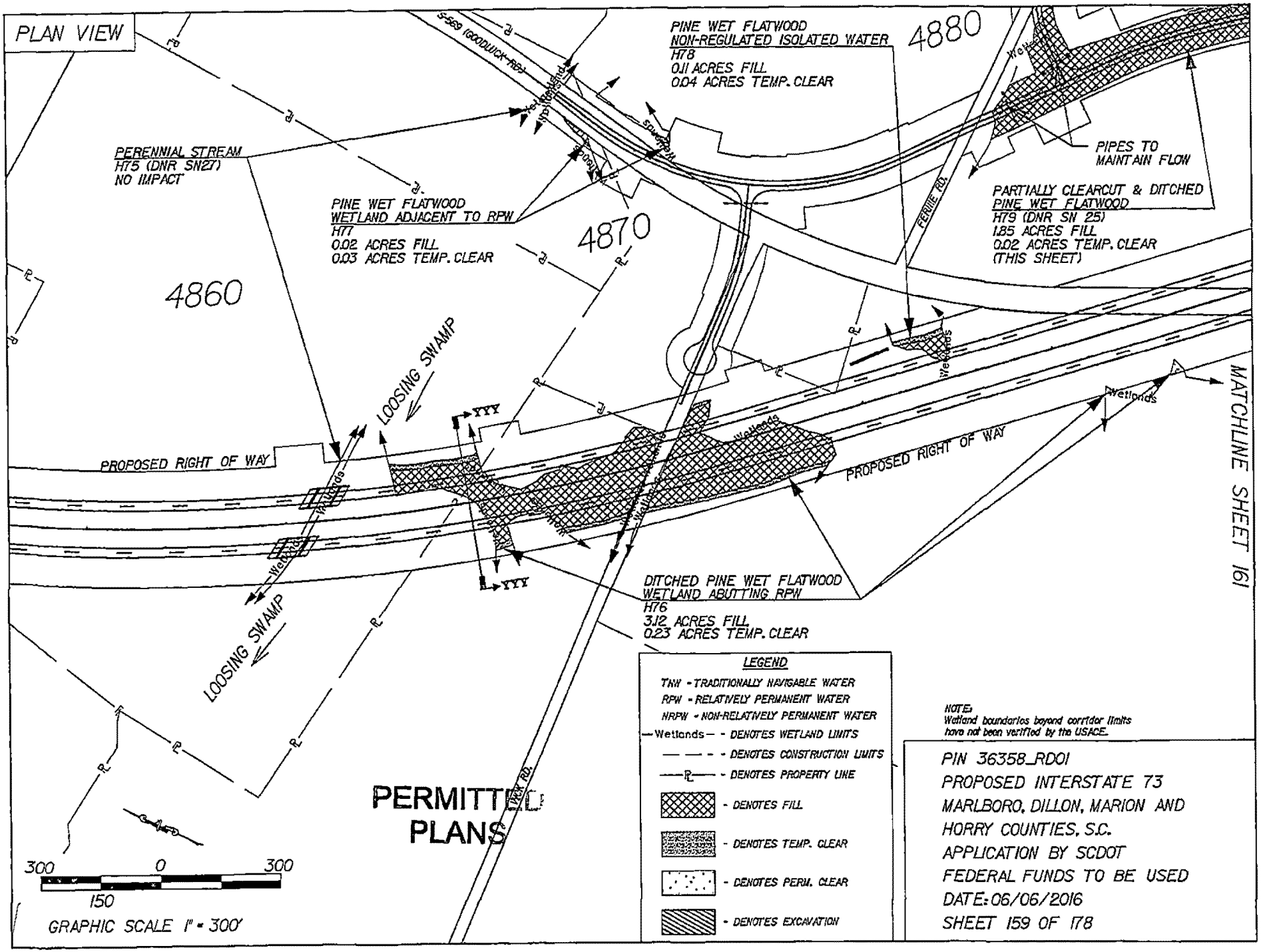
▨ - DENOTES EXCAVATION

50 0 50
25

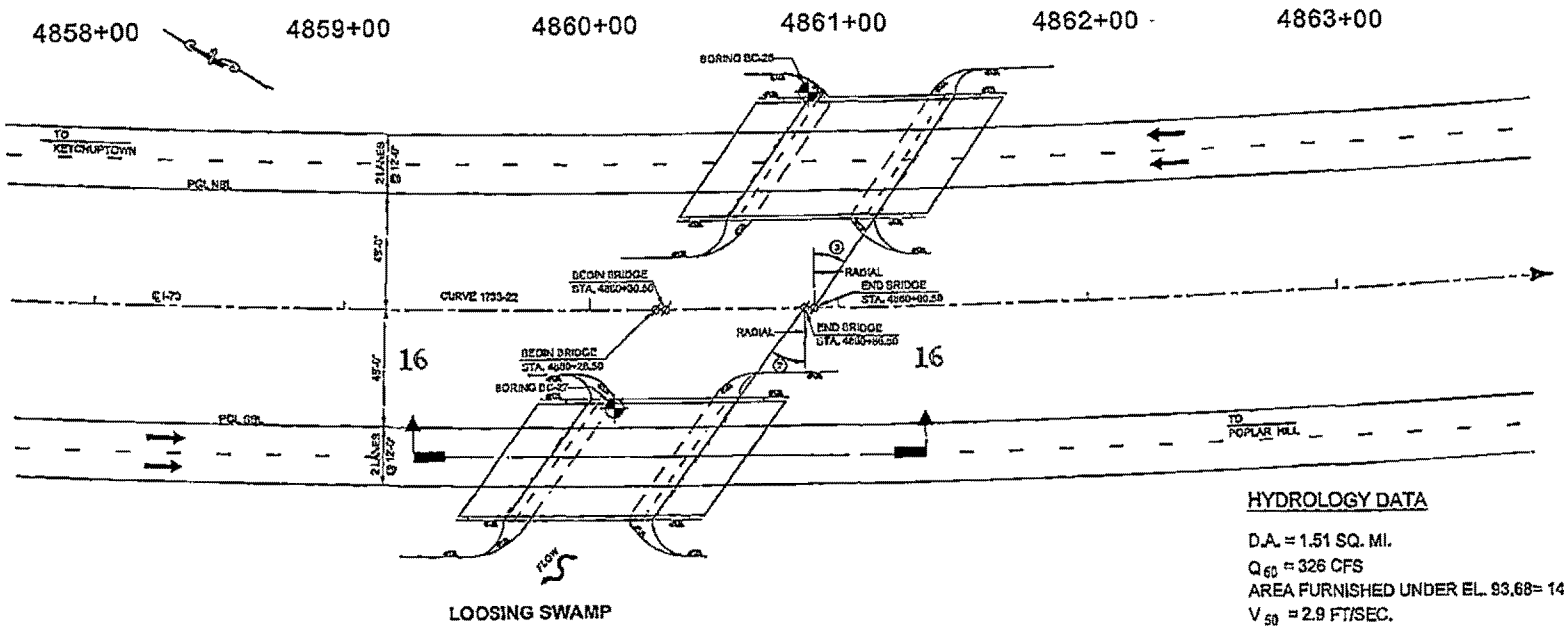
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 158 OF 178


PLAN VIEW
S-569 (GOODWICK RD)
PINE WET FLATWOOD
NON-REGULATED ISOLATED WATER
H78
0.11 ACRES FILL
0.04 ACRES TEMP. CLEAR
4880
PERENNIAL STREAM
H75 (DNR SN27)
NO IMPACT
PINE WET FLATWOOD
WETLAND ADJACENT TO RPW
H77
0.02 ACRES FILL
0.03 ACRES TEMP. CLEAR
4870
4860
PIPES TO
MAINTAIN FLOW
PARTIALLY CLEARCUT & DITCHED
PINE WET FLATWOOD
H79 (DNR SN 25)
1.85 ACRES FILL
0.02 ACRES TEMP. CLEAR
(THIS SHEET)
FERRIE RD.
LOOSING SWAMP
PROPOSED RIGHT OF WAY
Wetlands
YYY
DITCHED PINE WET FLATWOOD
WETLAND ABUTTING RPW
H76
3.12 ACRES FILL
0.23 ACRES TEMP. CLEAR
MATCHLINE SHEET 161
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 159 OF 178
PERMITTED
PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'

PLAN & PROFILE VIEW



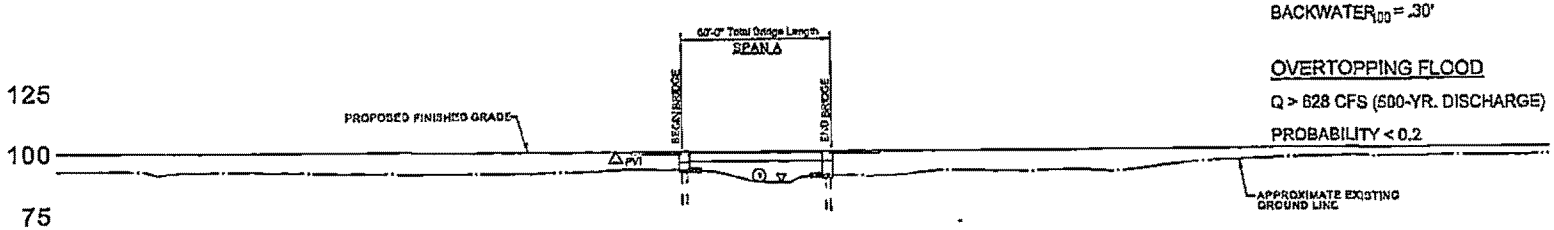
PLAN

HYDROLOGY DATA

D.A. = 1.51 SQ. MI.
Q_{50} = 326 CFS
AREA FURNISHED UNDER EL. 93.68= 145S.F.
V_{50} = 2.9 FT/SEC.
Q_{100} = 405CFS
AREA FURNISHED UNDER EL. 94.15= 169S.F.
V_{100} = 3.1 FT/SEC.
$BACKWATER_{100}$ = .30'

OVERTOPPING FLOOD

Q > 628 CFS (500-YR. DISCHARGE)
PROBABILITY < 0.2



BENT NO.'s → ① ②

①WATER EL. 89.1
4863+00

4858+00 4859+00 4860+00 4861+00 4862+00

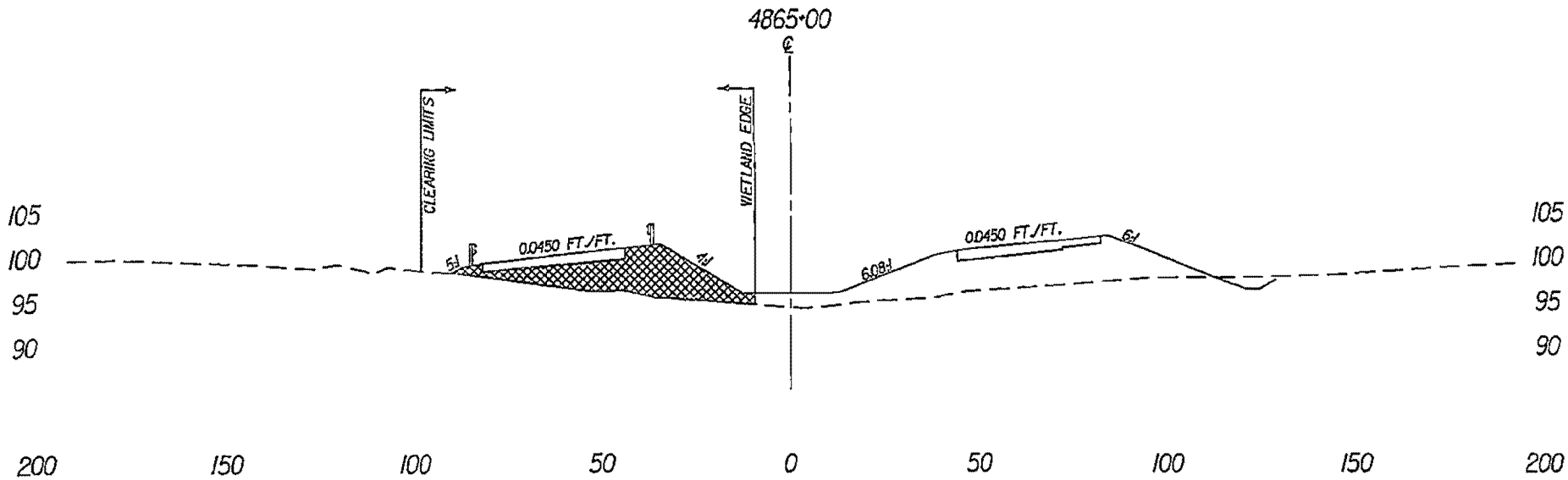
PROFILE
16 - 16

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 159A OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION YYY-YYY

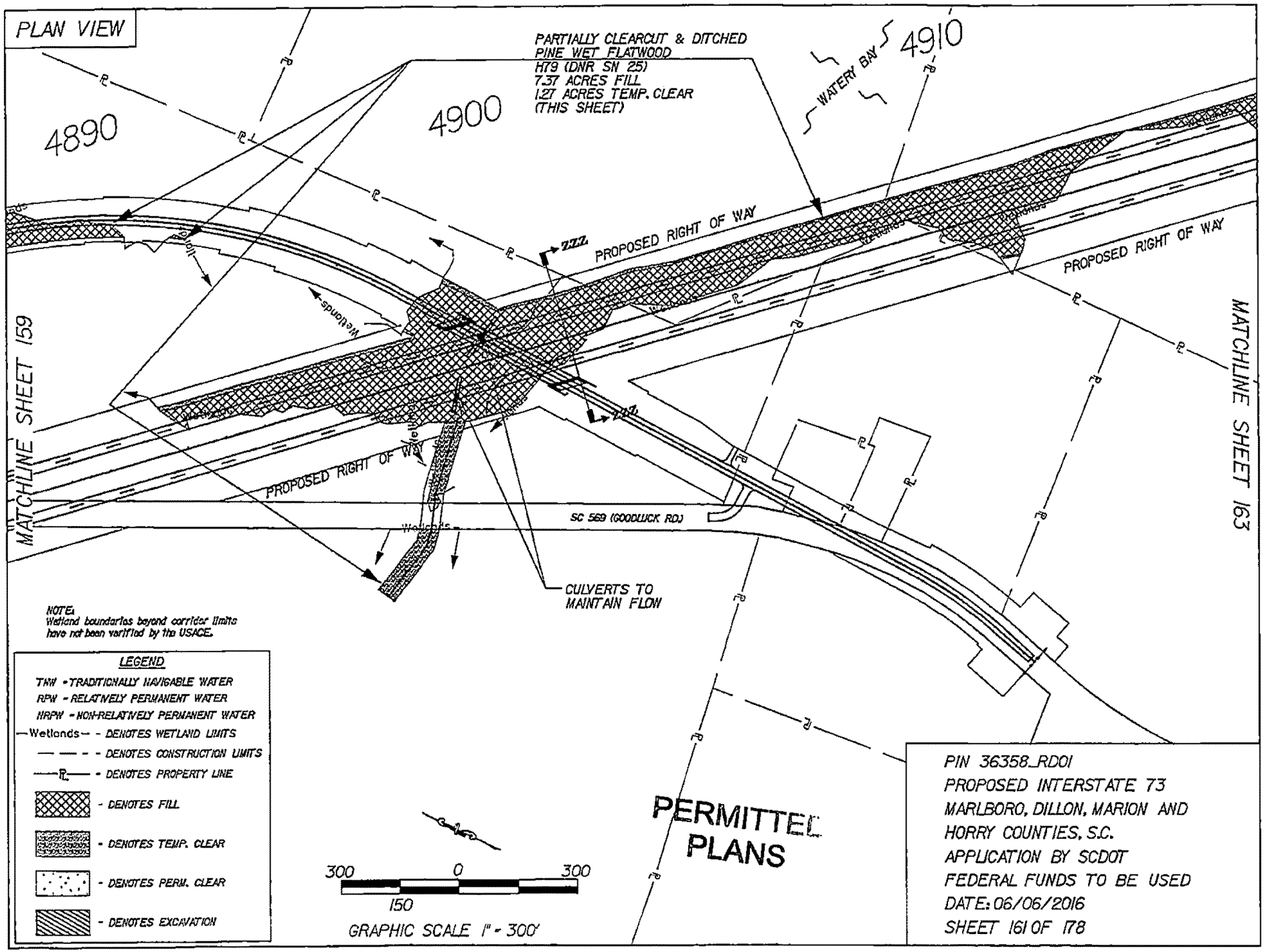
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

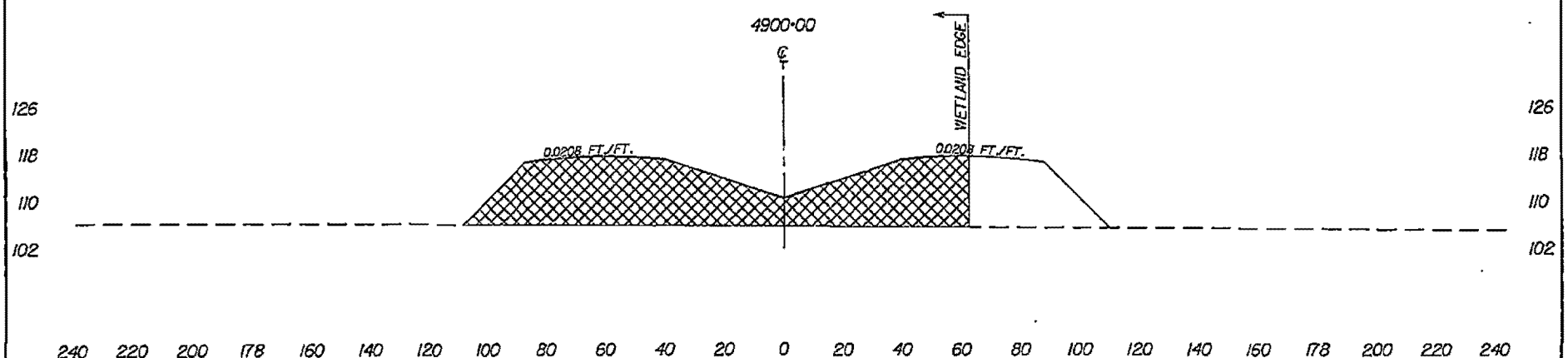
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 160 OF 178


PLAN VIEW
PARTIALLY CLEARCUT & DITCHED
PINE WET FLATWOOD
H79 (DNR SN 25)
7.37 ACRES FILL
1.27 ACRES TEMP. CLEAR
(THIS SHEET)
4890
4900
4910
WATERY BAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
Wetlands
Wetlands
Wetlands
Wetlands
Wetlands
SC 569 (GOODLUCK RD)
CULVERTS TO
MAINTAIN FLOW
MATCHLINE SHEET 159
MATCHLINE SHEET 163
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
- DENOTES FILL
- DENOTES TEMP. CLEAR
- DENOTES PERM. CLEAR
- DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 161 OF 178

CROSS SECTION



SECTION ZZZ-ZZZ

- - - - DENOTES EXISTING GROUND LINE

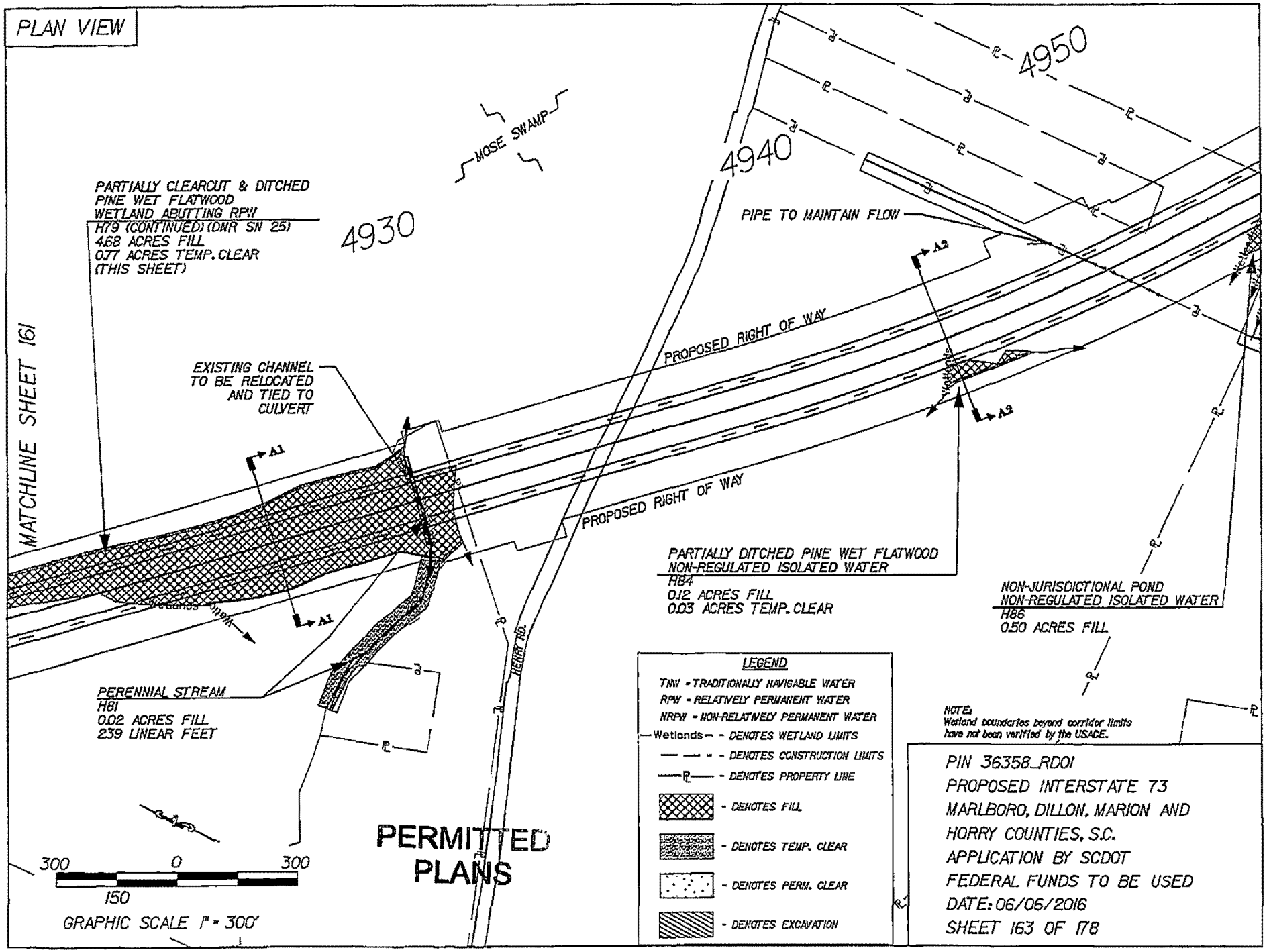
▨ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

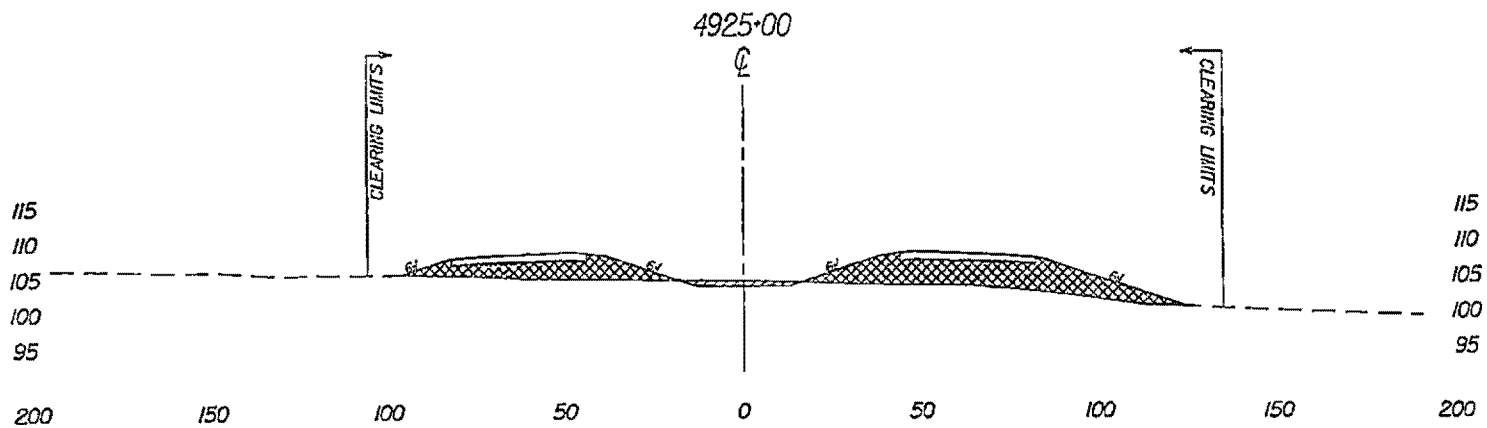
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 162 OF 178


PLAN VIEW
MATCHLINE SHEET 161
MOSE SWAMP
4930
4940
4950
PARTIALLY CLEARCUT & DITCHED
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H79 (CONTINUED) (DNR SN 25)
4.68 ACRES FILL
0.77 ACRES TEMP. CLEAR
(THIS SHEET)
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
CULVERT
PIPE TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
A1
A1
A2
A2
PARTIALLY DITCHED PINE WET FLATWOOD
NON-REGULATED ISOLATED WATER
H84
0.12 ACRES FILL
0.03 ACRES TEMP. CLEAR
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
H86
0.50 ACRES FILL
PERENNIAL STREAM
H81
0.02 ACRES FILL
239 LINEAR FEET
HENRY RD.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 163 OF 178
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION A1-A1

- - - - DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

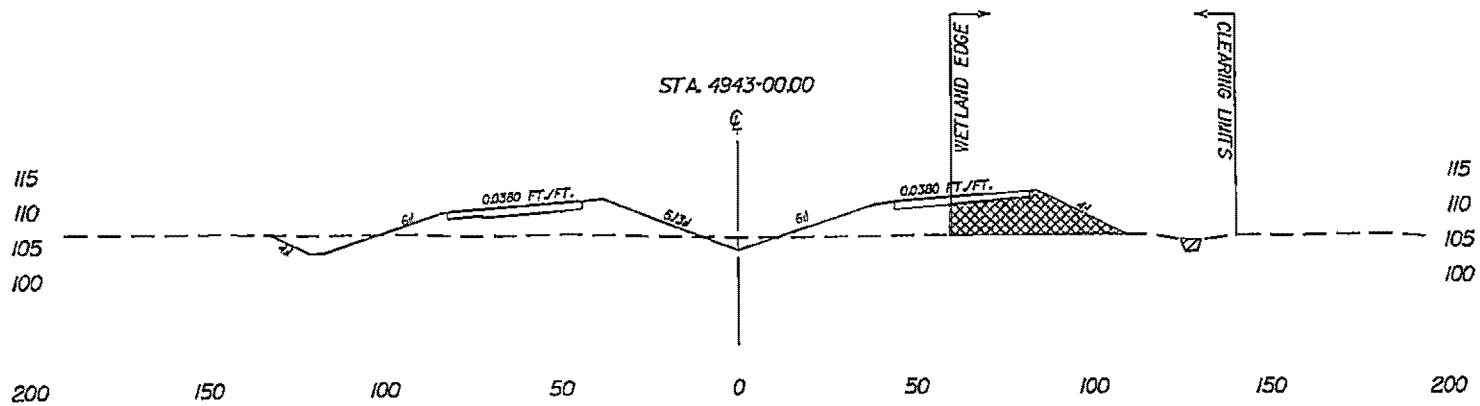
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 164 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



SECTION A2-A2

— — - DENOTES EXISTING GROUND LINE

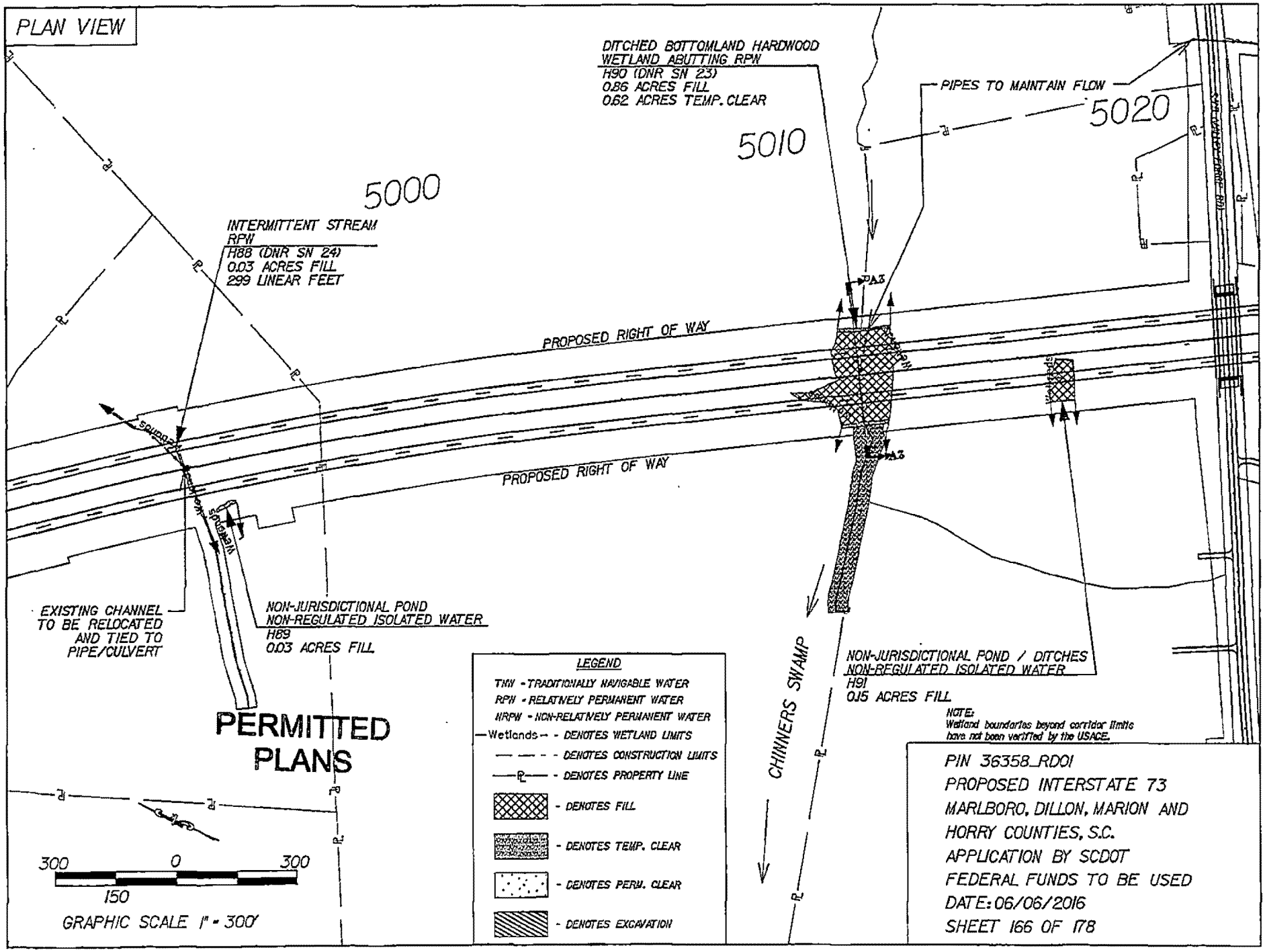
- DENOTES FILL

- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" - 50' HORIZ.

PERMITTED PLANS

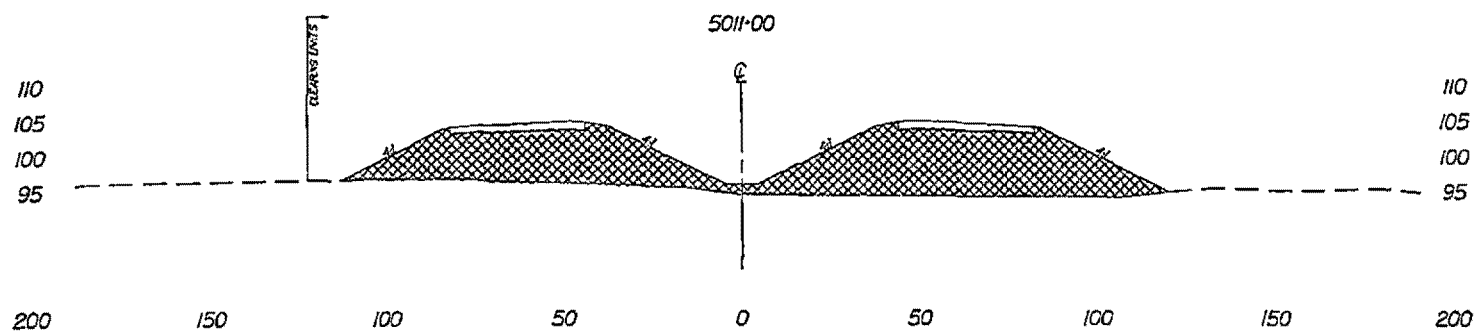
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 165 OF 178


PLAN VIEW
DITCHED BOTTOMLAND HARDWOOD WETLAND ABUTTING RPW
H90 (DNR SN 23)
0.86 ACRES FILL
0.62 ACRES TEMP. CLEAR
PIPES TO MAINTAIN FLOW
5020
5010
5000
INTERMITTENT STREAM RPW
H88 (DNR SN 24)
0.03 ACRES FILL
299 LINEAR FEET
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
NON-JURISDICTIONAL POND
NON-REGULATED ISOLATED WATER
H89
0.03 ACRES FILL
PERMITTED PLANS
CHINNERS SWAMP
NON-JURISDICTIONAL POND / DITCHES
NON-REGULATED ISOLATED WATER
H91
0.15 ACRES FILL
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 166 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS

CLEARING LIMITS EXTEND
BEYOND CORRIDOR



SECTION A3-A3

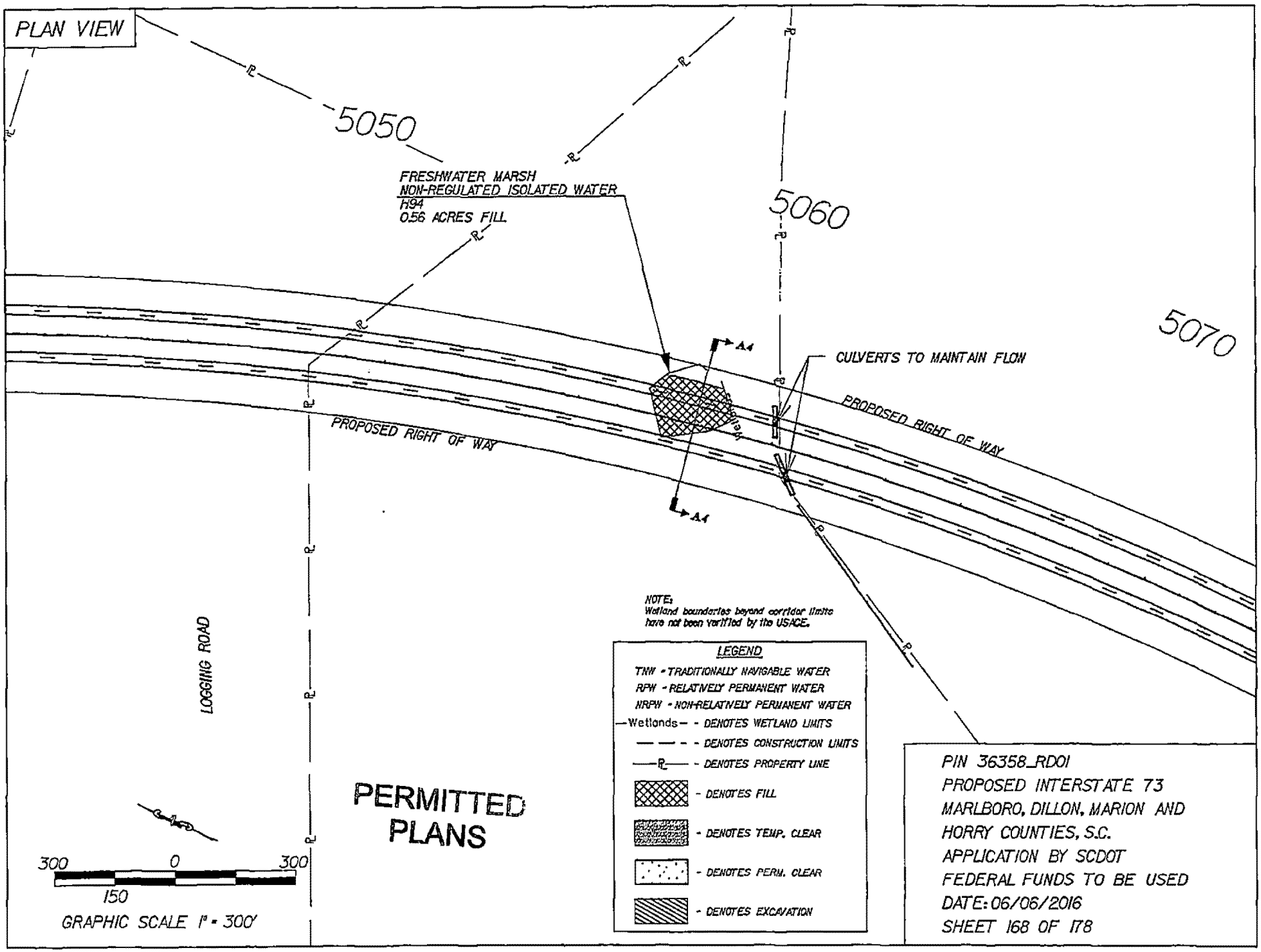
— — - DENOTES EXISTING GROUND LINE

▩ - DENOTES FILL

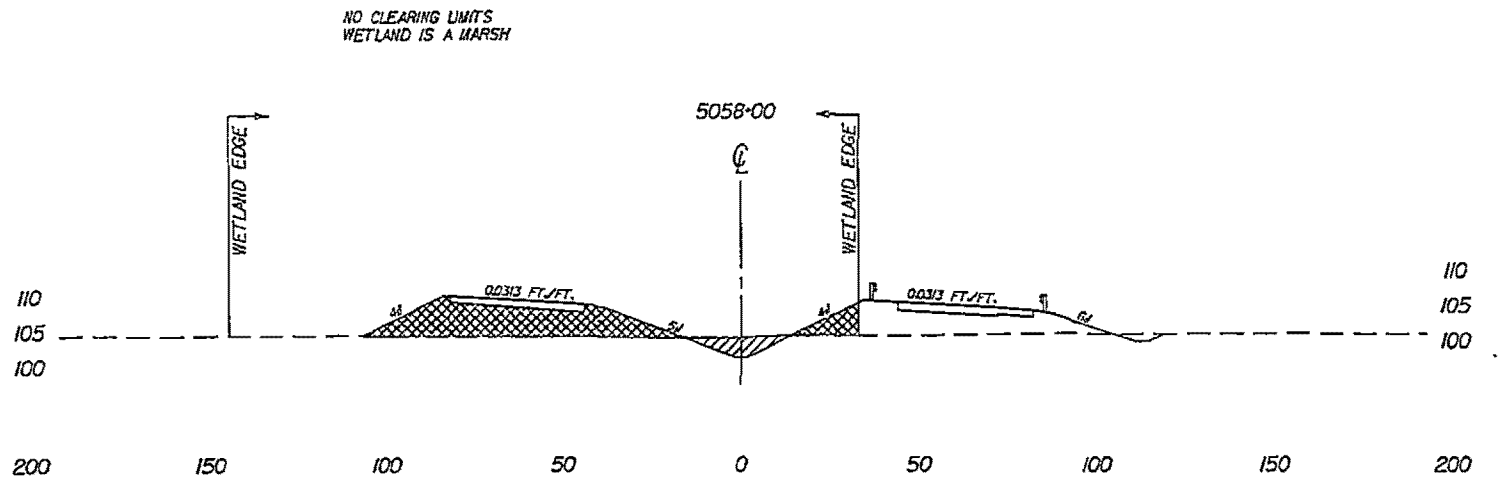
50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 167 OF 178


PLAN VIEW
5050
5060
5070
FRESHWATER MARSH
NON-REGULATED ISOLATED WATER
H94
0.56 ACRES FILL
CULVERTS TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
A4
A4
LOGGING ROAD
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 168 OF 178

CROSS SECTION



SECTION A4-A4

— — - DENOTES EXISTING GROUND LINE

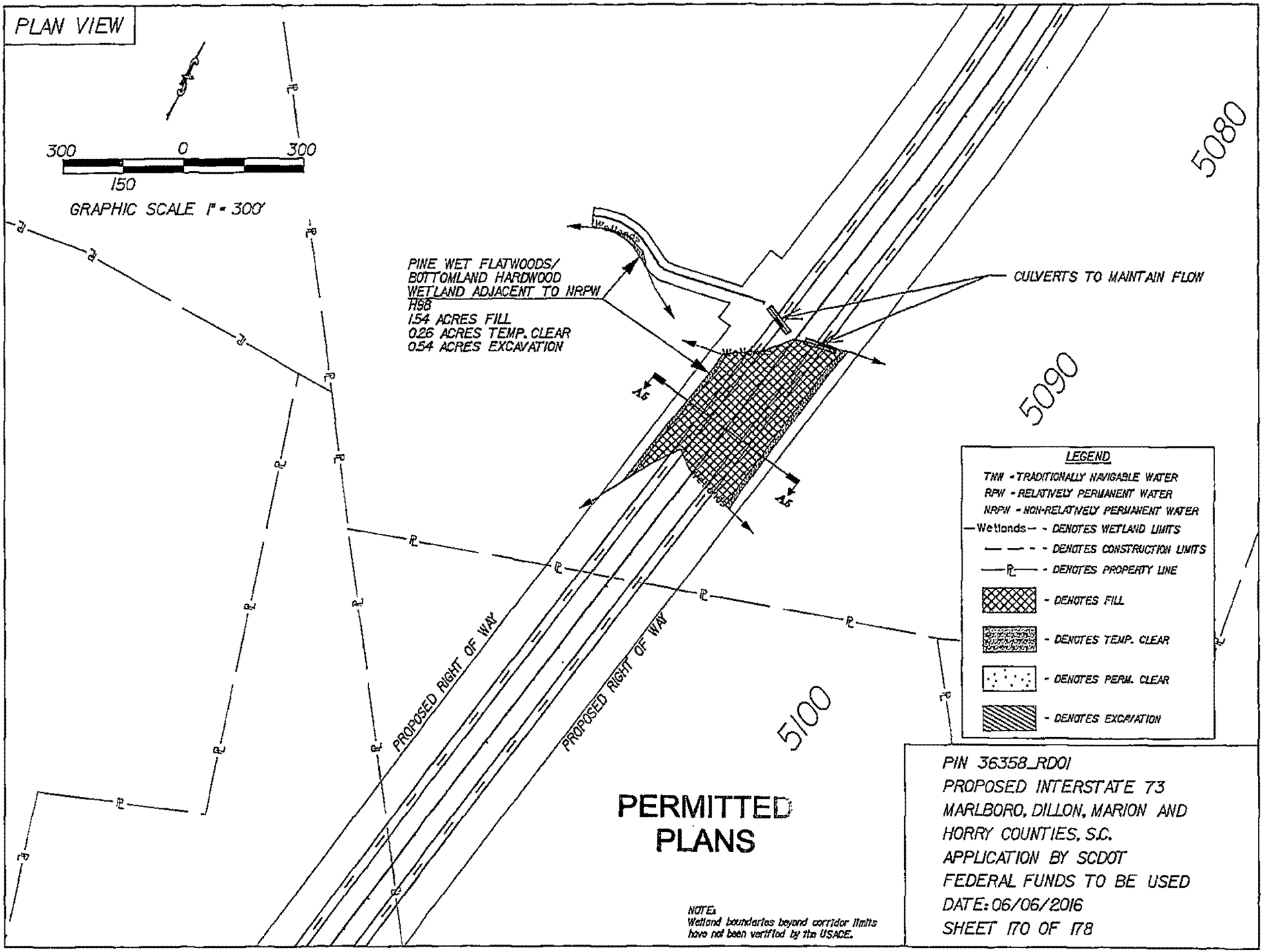
- DENOTES FILL

- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

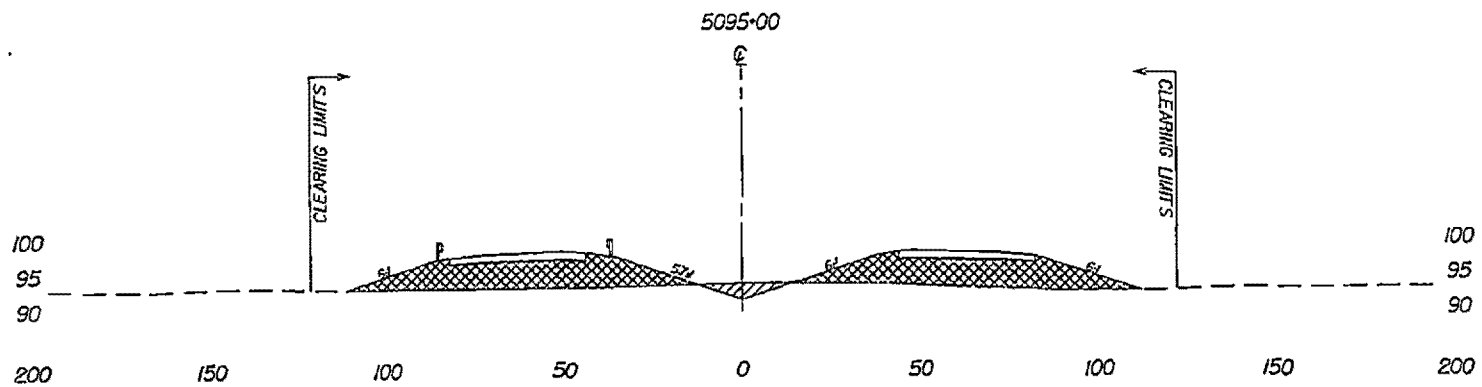
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 169 OF 178


PLAN VIEW
300
0
300
150
GRAPHIC SCALE 1" = 300'
PINE WET FLATWOODS/
BOTTOMLAND HARDWOOD
WETLAND ADJACENT TO NRPW
H98
1.54 ACRES FILL
0.26 ACRES TEMP. CLEAR
0.54 ACRES EXCAVATION
CULVERTS TO MAINTAIN FLOW
5080
5090
5100
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 170 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



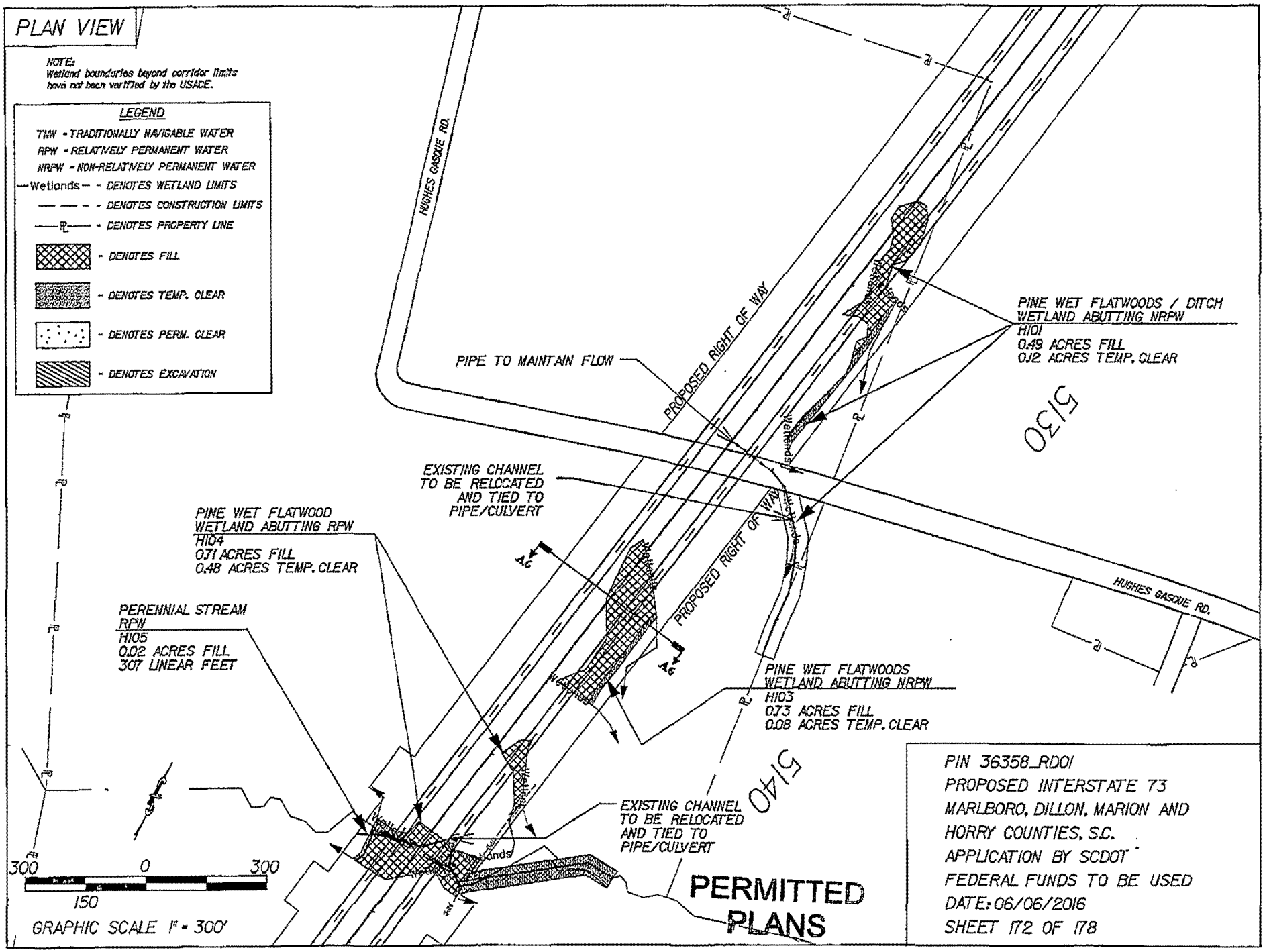
SECTION A5-A5

- DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

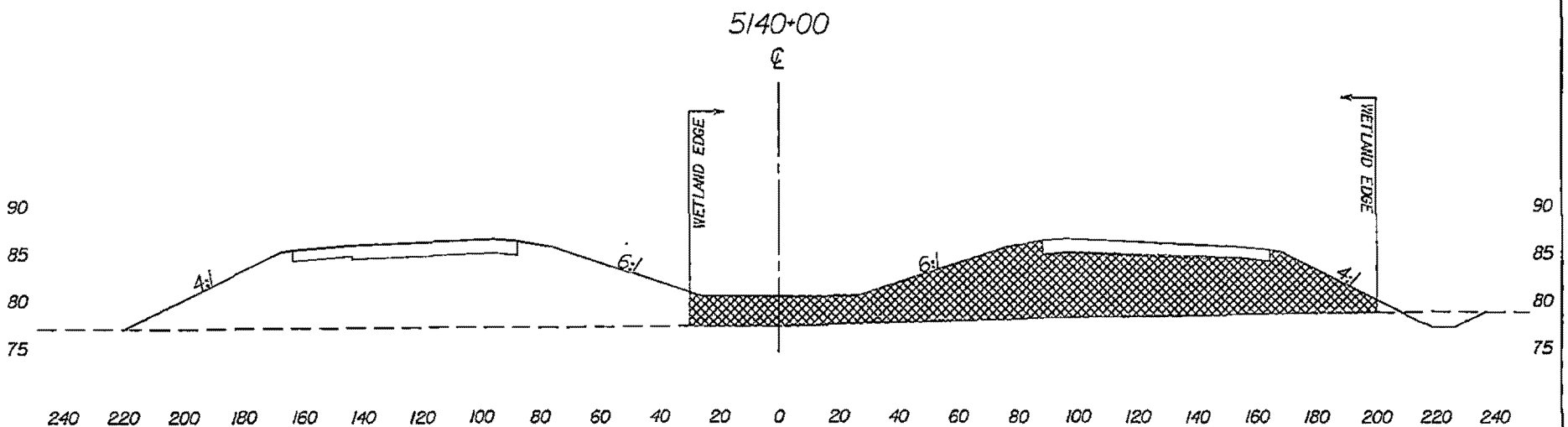
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 171 OF 178


PLAN VIEW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW = TRADITIONALLY NAVIGABLE WATER
RPW = RELATIVELY PERMANENT WATER
NRPW = NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
HUGHES GASQUE RD.
PROPOSED RIGHT OF WAY
PIPE TO MAINTAIN FLOW
PINE WET FLATWOODS / DITCH WETLAND ABUTTING NRPW
H101
0.49 ACRES FILL
0.12 ACRES TEMP. CLEAR
5130
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
PINE WET FLATWOOD WETLAND ABUTTING RPW
H104
0.71 ACRES FILL
0.48 ACRES TEMP. CLEAR
PERENNIAL STREAM
RPW
H105
0.02 ACRES FILL
307 LINEAR FEET
PINE WET FLATWOODS WETLAND ABUTTING NRPW
H103
0.73 ACRES FILL
0.08 ACRES TEMP. CLEAR
5140
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED PLANS
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 172 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION A6-A6

— — - DENOTES EXISTING GROUND LINE

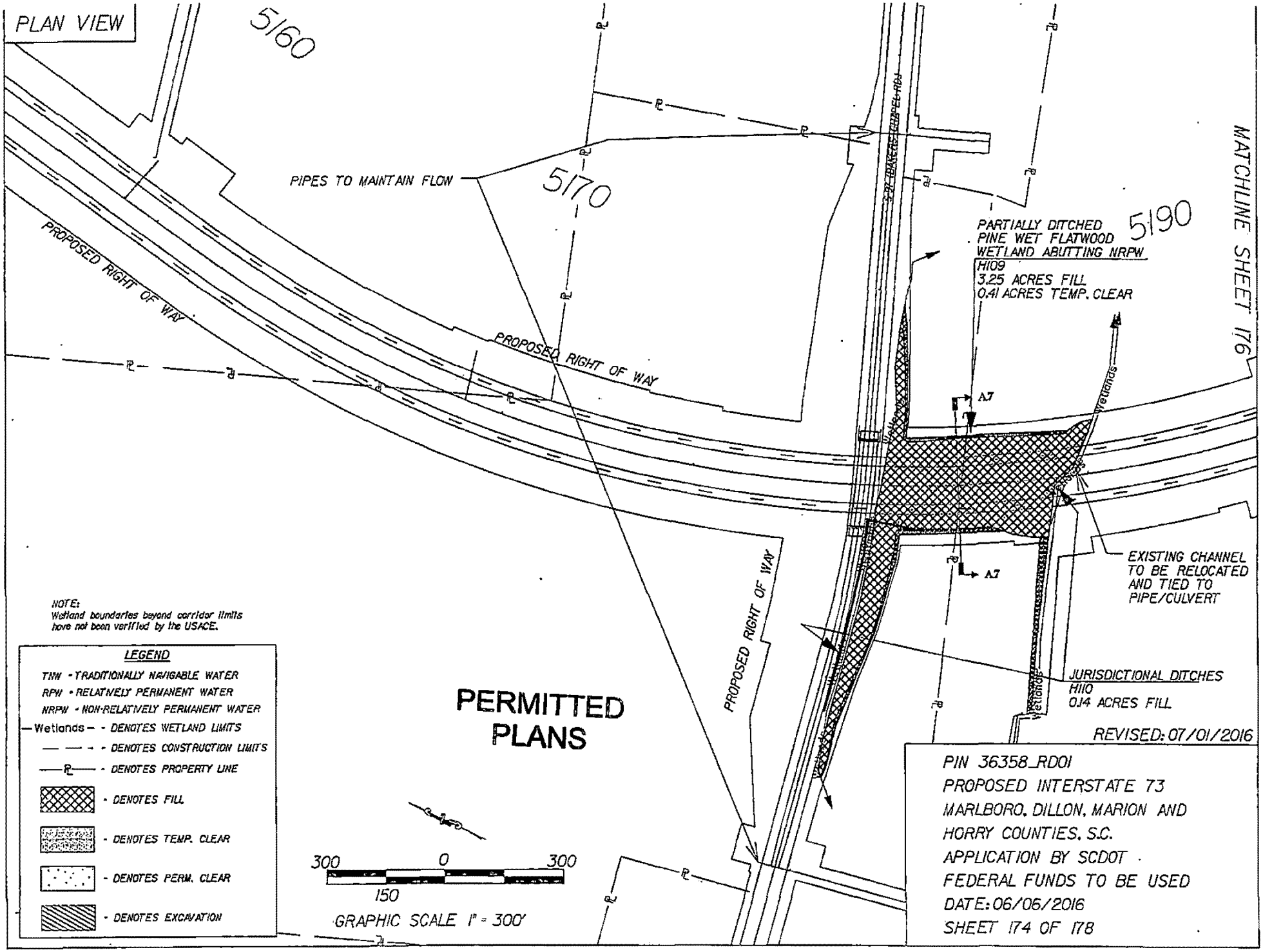
▩ - DENOTES FILL

▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

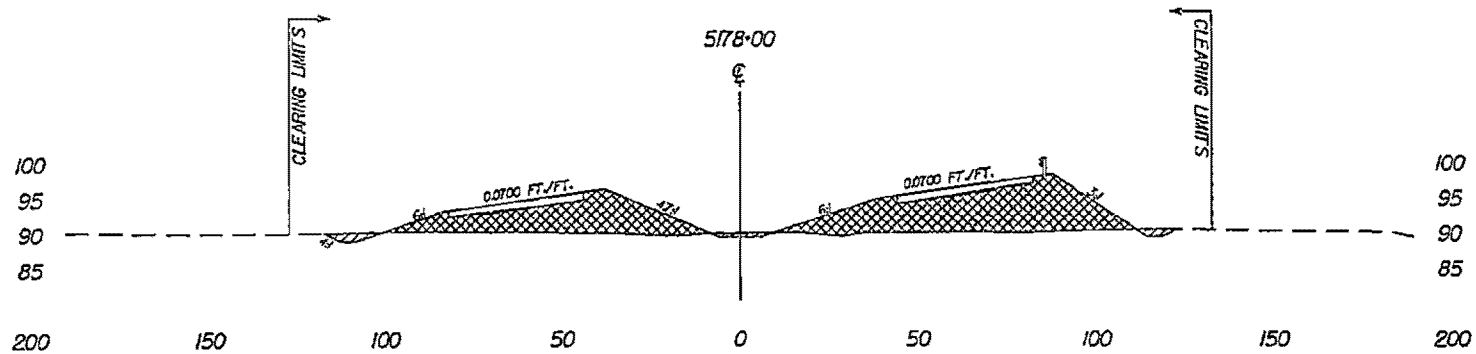
PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 173 OF 178


PLAN VIEW
5160
5170
5190
PIPES TO MAINTAIN FLOW
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
PARTIALLY DITCHED PINE WET FLATWOOD WETLAND ABUTTING NRPW
H109
3.25 ACRES FILL
0.41 ACRES TEMP. CLEAR
A7
A7
EXISTING CHANNEL TO BE RELOCATED AND TIED TO PIPE/CULVERT
JURISDICTIONAL DITCHES
H110
0.14 ACRES FILL
MATCHLINE SHEET 176
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
REVISED: 07/01/2016
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 174 OF 178

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND BEYOND CORRIDOR LIMITS



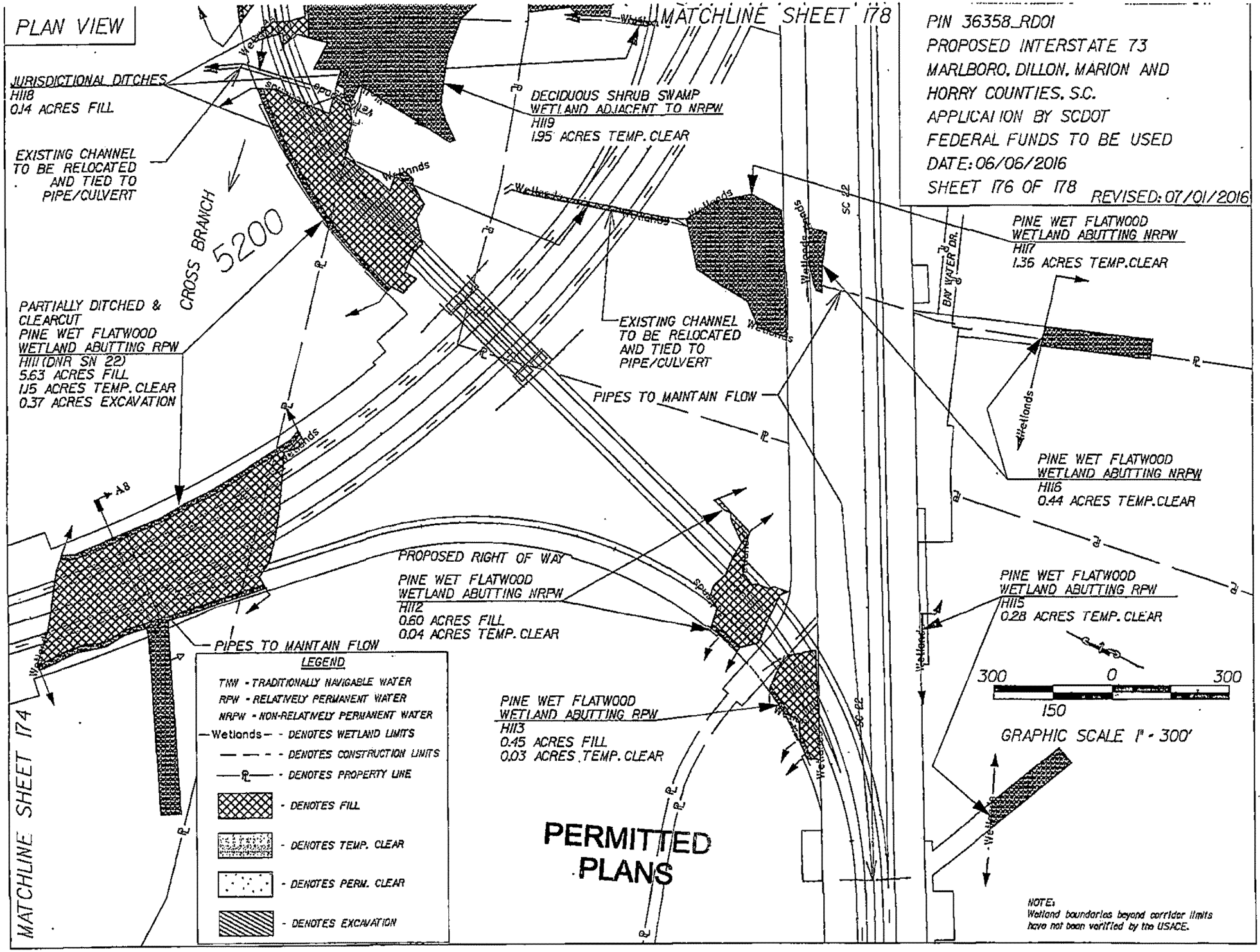
SECTION A7-A7

- DENOTES EXISTING GROUND LINE
- DENOTES FILL
- DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

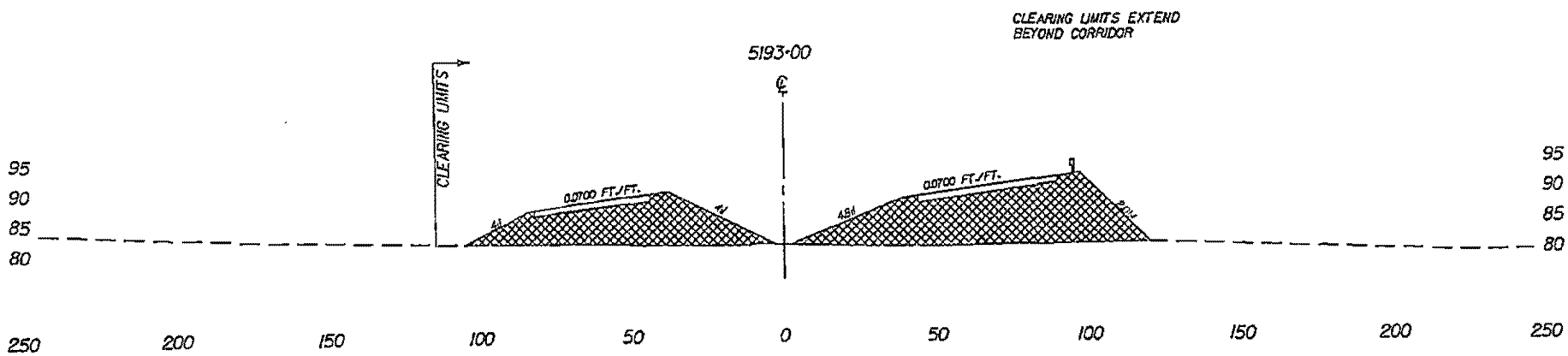
PERMITTED PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 175 OF 178


PLAN VIEW
MATCHLINE SHEET 178
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 176 OF 178
REVISED: 07/01/2016
JURISDICTIONAL DITCHES
H118
0.14 ACRES FILL
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
DECIDUOUS SHRUB SWAMP
WETLAND ADJACENT TO NRPW
H119
1.95 ACRES TEMP. CLEAR
CROSS BRANCH
5200
PARTIALLY DITCHED &
CLEARCUT
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H111 (DNR SN 22)
5.63 ACRES FILL
1.15 ACRES TEMP. CLEAR
0.37 ACRES EXCAVATION
EXISTING CHANNEL
TO BE RELOCATED
AND TIED TO
PIPE/CULVERT
PIPES TO MAINTAIN FLOW
PINE WET FLATWOOD
WETLAND ABUTTING NRPW
H117
1.36 ACRES TEMP.CLEAR
BAY WATER DR.
SC 22
PINE WET FLATWOOD
WETLAND ABUTTING NRPW
H116
0.44 ACRES TEMP.CLEAR
PROPOSED RIGHT OF WAY
PINE WET FLATWOOD
WETLAND ABUTTING NRPW
H112
0.60 ACRES FILL
0.04 ACRES TEMP. CLEAR
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H115
0.28 ACRES TEMP. CLEAR
PIPES TO MAINTAIN FLOW
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
PINE WET FLATWOOD
WETLAND ABUTTING RPW
H113
0.45 ACRES FILL
0.03 ACRES TEMP. CLEAR
300 0 300
150
GRAPHIC SCALE 1" = 300'
PERMITTED
PLANS
NOTE:
Wetland boundaries beyond corridor limits
have not been verified by the USACE.
MATCHLINE SHEET 174

CROSS SECTION

NOTE:
WETLAND LIMITS EXTEND
BEYOND CORRIDOR LIMITS



SECTION A8-A8

- - - - DENOTES EXISTING GROUND LINE

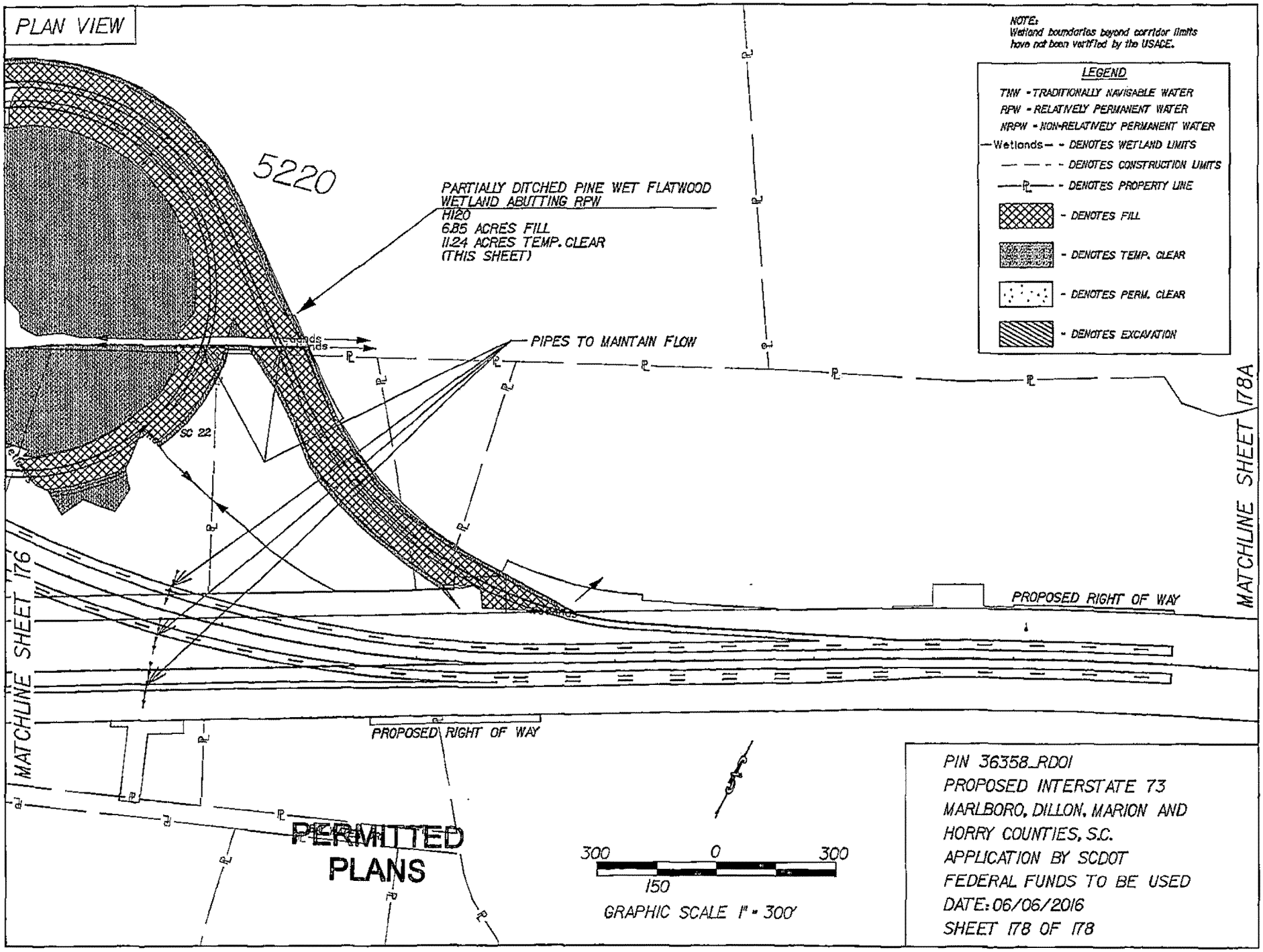
▩ - DENOTES FILL

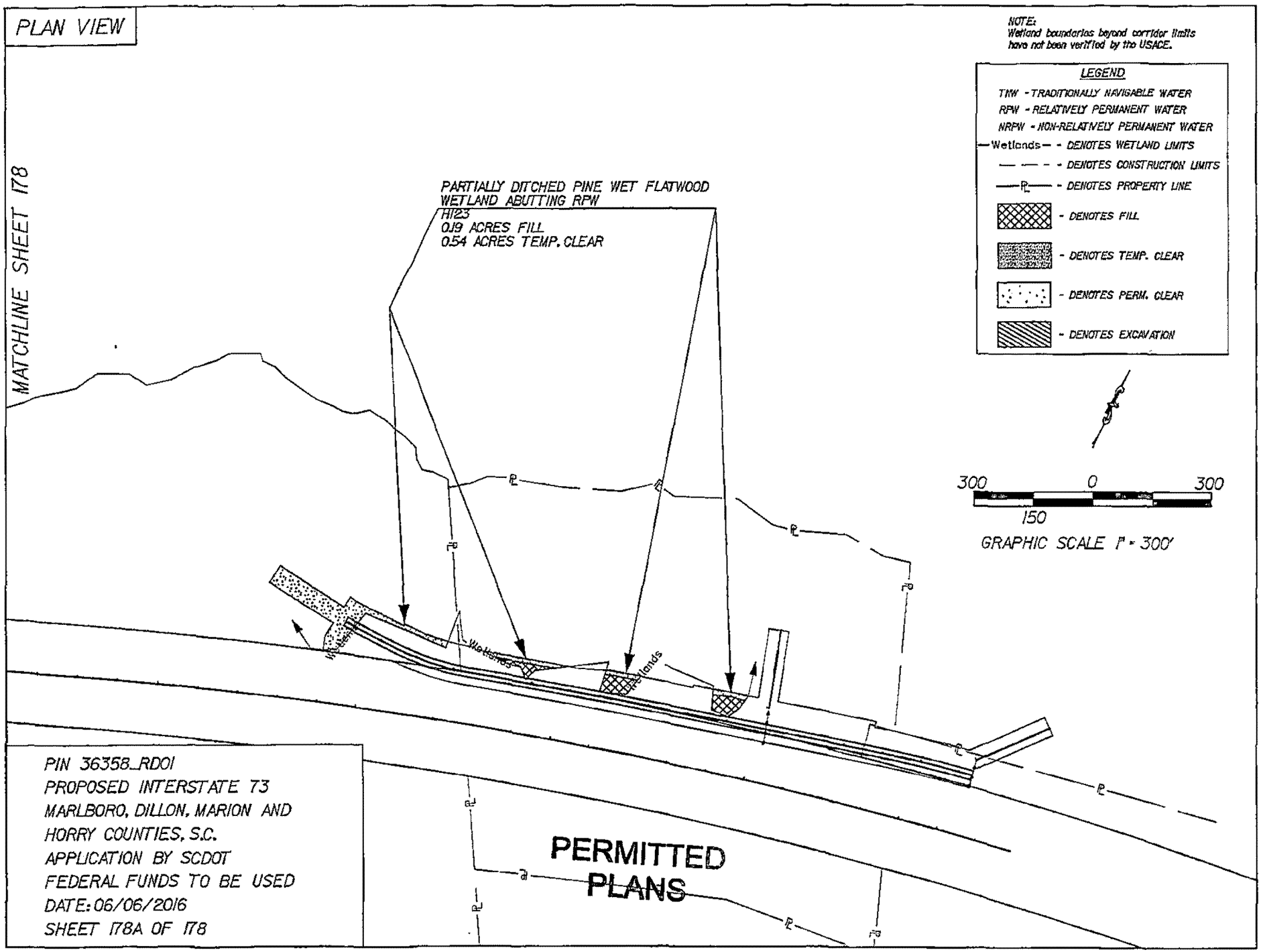
▨ - DENOTES EXCAVATION

50 0 50
25
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED
PLANS

PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 177 OF 178


PLAN VIEW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
5220
PARTIALLY DITCHED PINE WET FLATWOOD WETLAND ABUTTING RPW
H120
6.85 ACRES FILL
11.24 ACRES TEMP. CLEAR
(THIS SHEET)
PIPES TO MAINTAIN FLOW
SC 22
PROPOSED RIGHT OF WAY
MATCHLINE SHEET 178A
MATCHLINE SHEET 176
PROPOSED RIGHT OF WAY
PERMITTED PLANS
300 0 300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 178 OF 178


PLAN VIEW
NOTE:
Wetland boundaries beyond corridor limits have not been verified by the USACE.
LEGEND
TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
Wetlands - DENOTES WETLAND LIMITS
DENOTES CONSTRUCTION LIMITS
DENOTES PROPERTY LINE
DENOTES FILL
DENOTES TEMP. CLEAR
DENOTES PERM. CLEAR
DENOTES EXCAVATION
MATCHLINE SHEET 178
PARTIALLY DITCHED PINE WET FLATWOOD WETLAND ABUTTING RPW
H123
0.19 ACRES FILL
0.54 ACRES TEMP. CLEAR
Wetlands
Wetlands
300
0
300
150
GRAPHIC SCALE 1" = 300'
PIN 36358_RD01
PROPOSED INTERSTATE 73
MARLBORO, DILLON, MARION AND
HORRY COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: 06/06/2016
SHEET 178A OF 178
PERMITTED PLANS

Healthy People. Healthy Communities.

April 26, 2017

Mr. Sean Connolly
SC Department of Transportation
955 Park St Room 506
PO Box 191
Columbia SC 29201-3959

Re: Certification in Accordance with Section 401 of the Clean Water Act, as amended, with conditions pursuant to R. 19-450 et. seq., 1976 SC Code of Laws, *Permits for Construction in Navigable Waters*
Certification in Accordance with the Coastal Zone Management Program (48-39-10 et. seq., and 15 CFR 93)

SC Department of Transportation
Construction of a new-location 4-lane interstate **(I-73)**
Wetlands and tributaries associated with various creeks, swamps, branches and bays
Marlboro, Dillon, Marion and Horry Counties
P/N SAC 2008-01333 (Revised)

Dear Sir or Madam:

South Carolina Department of Health & Environmental Control (DHEC) has reviewed plans for this project and determined that there is a reasonable assurance that the proposed project will be conducted in a manner consistent with the Certification requirements of Section 401of the Federal Clean Water Act, as amended, the Coastal Zone Management Program (48-39-10 et. seq., and 15 CFR 93) and the permitting requirements of R. 19-450 et. seq., 1976 SC Code of Laws.

In accordance with the provisions of Section 401, we certify that this project, subject to the indicated conditions, is consistent with applicable provisions of Section 303 of the Federal Clean Water Act, as amended. We also hereby certify that there are no applicable effluent limitations under Sections 301(b) and 302, and that there are no applicable standards under Sections 306 and 307.

This certification is subject to the following conditions:

1. The applicant must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized upon project completion.

2. Post construction stormwater must be treated using grassed swales, grass ditches, retention basins and other storm water treatment structures, as proposed.

3. Measures must be taken to prevent the spread and establishment of invasive species to the extent practicable, as proposed.

4. Appropriate containment measures must be taken to prevent pollutants such as gasoline, oil, tar, and debris and other pollutants from entering the adjacent waters or wetlands.

5. Only clean earthen material free of all potential sources of pollution must be used as fill.

6. A sufficient number of adequately sized culverts must be placed at the same elevation as the streams and wetlands to maintain flows, wetland hydrology, and unrestricted aquatic life passage.

7. During bridge construction, access to the project site must be attained from highland, from the portion of the bridge already completed ("end on end construction") or from floating barges or mats (instead of barge canals or causeways).

8. SCDOT must implement a seasonal moratorium pertaining to the shortnose sturgeon in the Little Pee Dee River, for all in-water work between February 15 and April 30 of each year. In addition, work must not impede more than 50% of the channel the rest of the year.

9. Construction activities must avoid to the greatest extent practicable, encroachment into any wetland/river bank areas not designated as impact areas.

10. In the event that any historic or cultural resources and/or archaeological materials are found during the course of work, the applicant must notify the State Historic Preservation Office and the South Carolina Institute of Archaeology and Anthropology. Historic or cultural resources consist of those sites listed in the National Register of Historic Places and those sites that are eligible for the National Register. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials.

11. Project impacts must be offset in accordance with the final mitigation plan involving the preservation, restoration and enhancement measures of the Gunters Island site. Protection of this site will be provided through the SCDNR Heritage Preserve program. Any modifications to this plan must be approved by SCDHEC and the USACE.

DHEC reserves the right to impose additional conditions on this Certification to respond to unforeseen, specific problems that may arise and to take any enforcement action necessary to ensure compliance with State water quality standards.

Sincerely,

Heather Preston, Director
Division of Water Quality
Bureau of Water

cc: U.S. Army Corps of Engineers,
Charleston District Office
Environmental Affairs District Offices- Marlboro, Dillon, Marion and Horry Counties