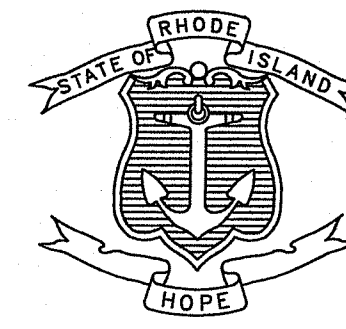


INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	STANDARD PLAN SYMBOLS & STANDARD LEGEND
3-4	STANDARD NOTES
5	JOB SPECIFIC SYMBOLS, LEGEND & NOTES
6	HIGHWAY GENERAL PLAN
7	DRAINAGE & UTILITY PLAN
8	MISCELLANEOUS DETAILS
9-10	CULVERT DETAILS
11	PROFILE - R.I. 115 (JACKSON FLAT ROAD)
12	HIGHWAY GRADING PLAN
13	MAINTENANCE & PROTECTION OF TRAFFIC PLAN

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN, PROFILE AND SECTIONS OF PROPOSED
STATE HIGHWAY

CRANBERRY CULVERT BRIDGE NO. 1220
BRIDGE PRESERVATION

R.I. 115 (JACKSON FLAT ROAD) OVER CRANBERRY BROOK

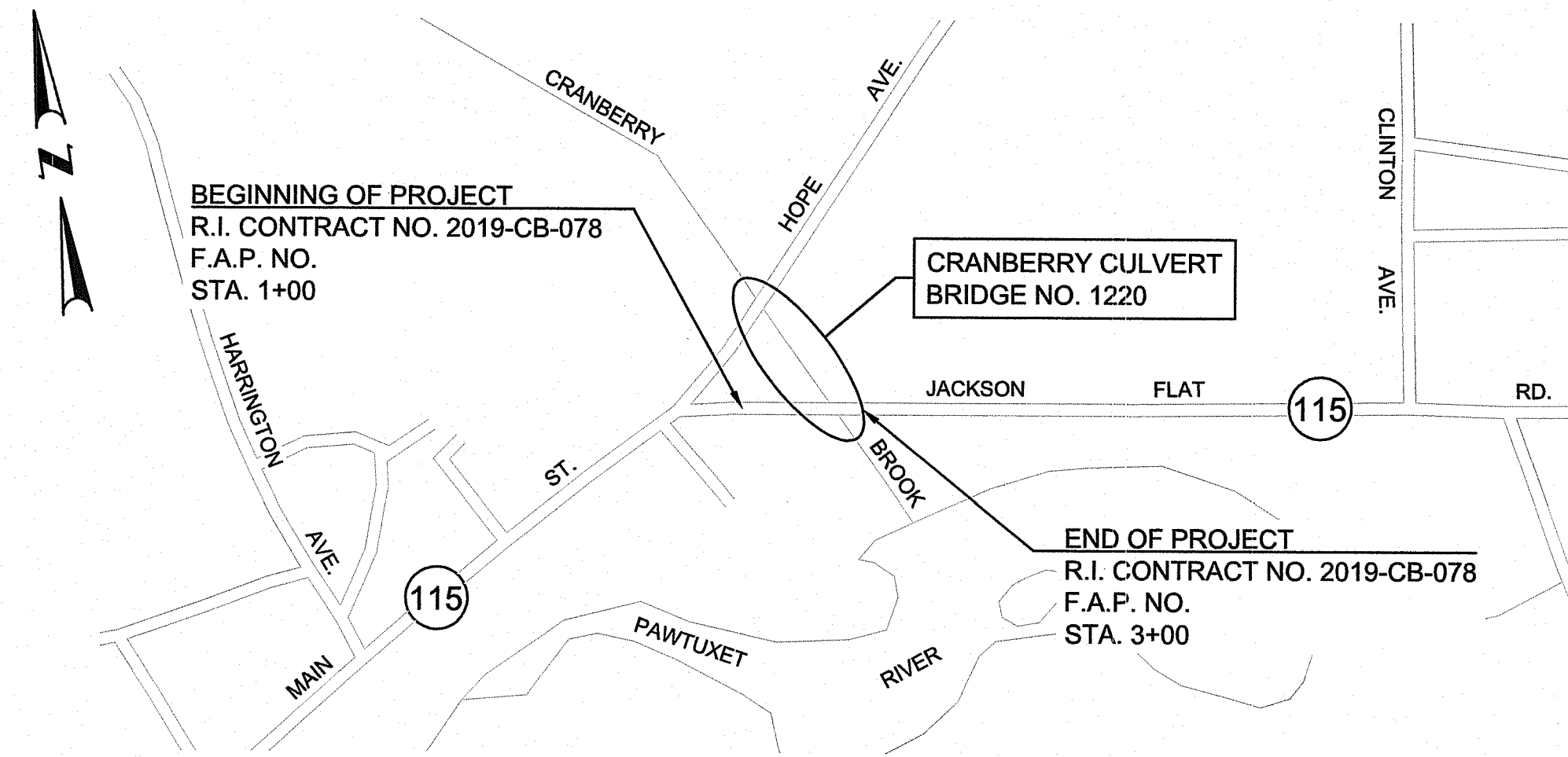
TOWN OF SCITUATE
COUNTY OF PROVIDENCE

R.I. CONTRACT NO. 2019-CB-078 F.A. PROJECT NO.

PAVEMENT STRUCTURE:

<u>FULL-DEPTH RECONSTRUCTION</u>	<u>PAVEMENT MICROMILLING & OVERLAY</u>
2" CLASS 12.5 HMA	2" MICROMILLING
5" CLASS 19.0 HMA	2" (MINIMUM) CLASS 12.5 HMA
12" GRAVEL BORROW SUBBASE COURSE	

0.04 MILES



LAYOUT PLAN
SCALE: 1" = 250'

SCALES OF DRAWINGS

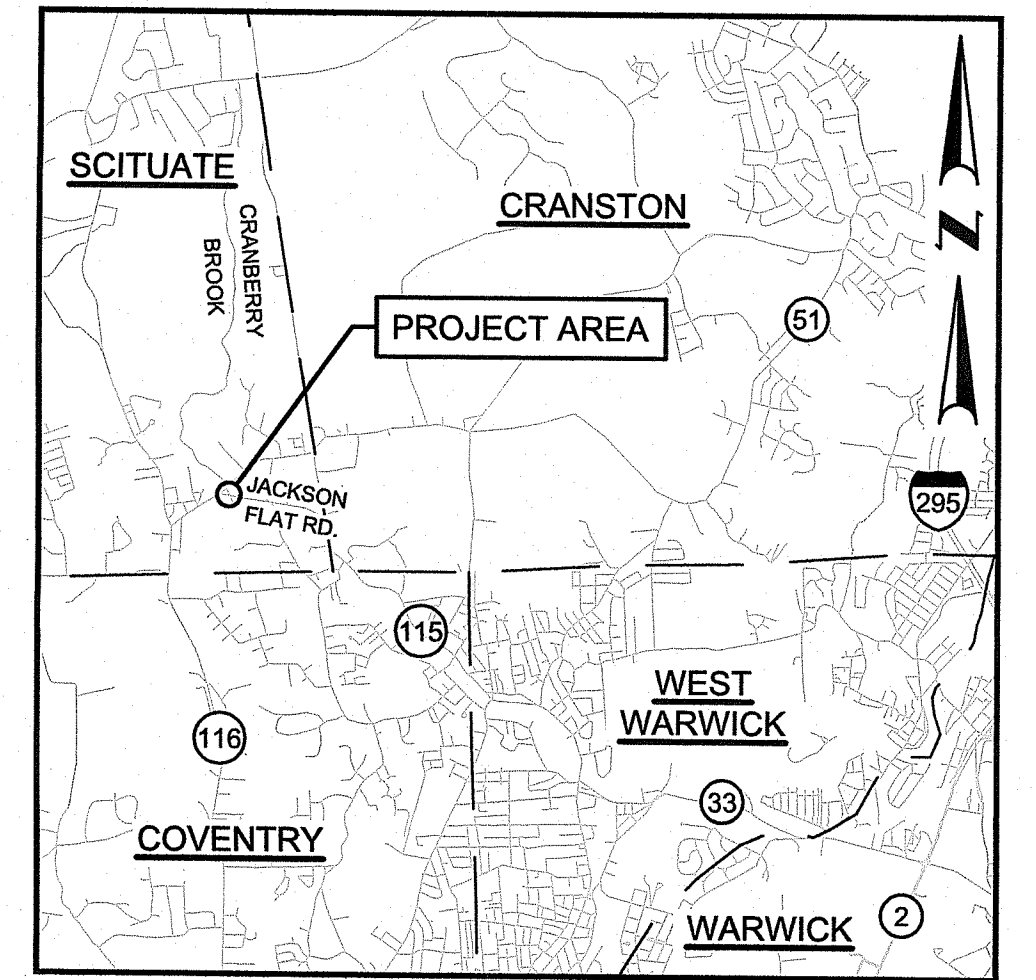
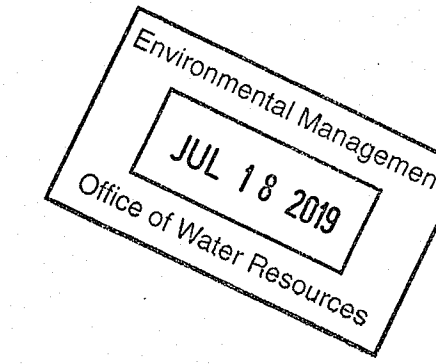
Plans	1 inch = 20 feet
Profiles	1 inch = 20 feet Horizontal
Profiles	1 inch = 4 feet Vertical
Cross Sections	1 inch = 4 feet Horizontal
Cross Sections	1 inch = 4 feet Vertical

BASE OF LEVELS
NAVD 88

NAD 83 (2011) (2010.00)

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS
SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION (AMENDED MARCH 2018), WITH ALL REVISIONS, AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			1	13



LOCATION MAP
SCALE: 1" = 5,000'

DESIGN DESIGNATION

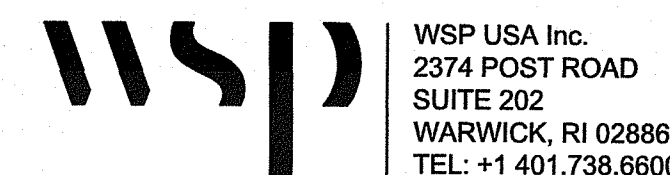
<u>JACKSON FLAT ROAD</u>	
AADT (2019)	2,313 V.P.D.
AADT (2040)	2,438 V.P.D.
D	70/30
K	9%
T	8%
DDHV	152 V.P.H.
DHV	209 V.P.H.
DESIGN SPEED	30 M.P.H.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 29 2019 FILE # 19-0190
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

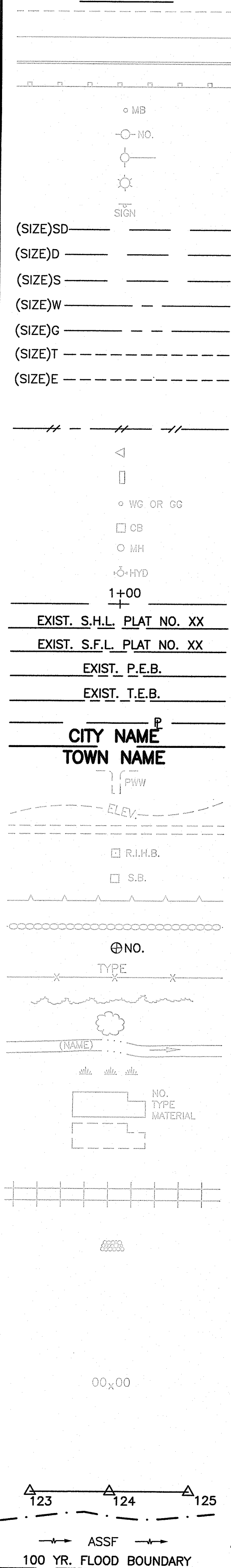
PERMIT SUBMISSION
MAY 31, 2019
REV. JULY 17, 2019

R.I. DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
ADMINISTRATOR, PROJECT MANAGEMENT	DATE
APPROVED	DATE
CHIEF ENGINEER OF INFRASTRUCTURE	DATE
APPROVED	DATE
DIRECTOR	DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	DATE

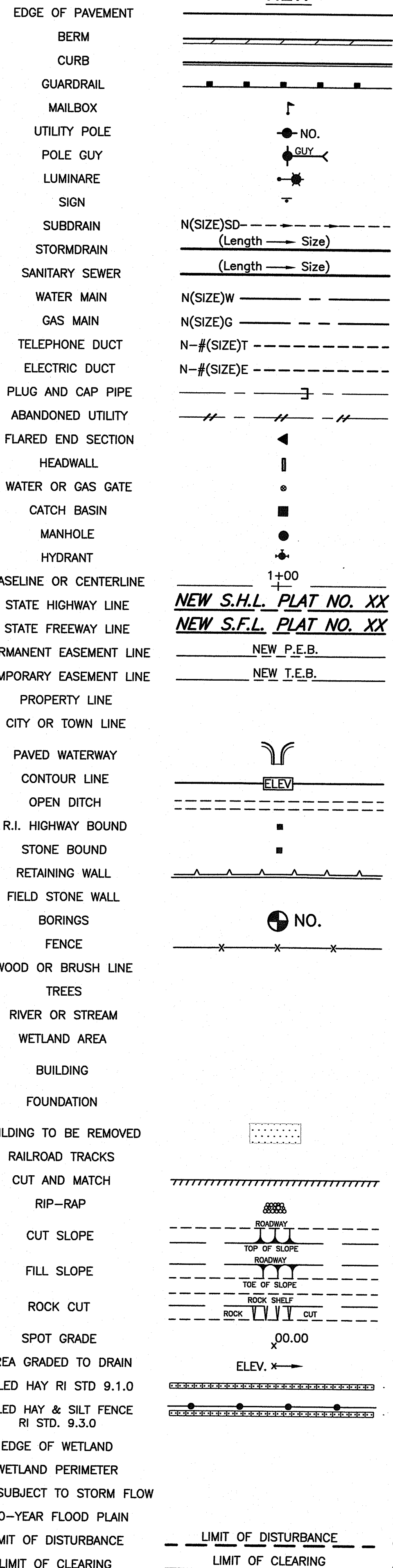
Contract Number 2019-CB-078
Number of Sheet 1
Total Sheets 13



EXISTING



NEW



- 1.1.0 UNDERDRAIN
1.3.0 CONCRETE CONNECTING COLLAR
2.1.0 CONCRETE HEADWALLS FOR PIPE CULVERTS
2.2.0 STANDARD HEADWALLS FOR MULTIPLE 3'-6" TO 7'-0" PIPE CULVERTS
2.3.0 (DIA.) PRECAST CONCRETE FLARED END SECTION
3.2.0 BRICK/SOLID BLOCK 4'-0" ROUND MANHOLE
3.2.1 (DIA.) BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND MANHOLE
3.3.0 BRICK/SOLID BLOCK TYPE "D" SQUARE CATCH BASIN
3.3.2 BRICK/SOLID BLOCK TYPE "F" SQUARE CATCH BASIN
3.3.3 SOLID BLOCK FLUSH SQUARE CATCH BASIN
3.4.0 BRICK/SOLID BLOCK TYPE "D" ROUND CATCH BASIN
3.4.1 BRICK/SOLID BLOCK ROUND CATCH BASIN WITH GUTTER INLET
3.4.2 BRICK/SOLID BLOCK TYPE "F" ROUND CATCH BASIN
3.4.3 BRICK/SOLID BLOCK TYPE "R" CATCH BASIN
3.4.4 SOLID BLOCK FLUSH ROUND CATCH BASIN
3.4.5 (DIA.) BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND CATCH BASIN
3.5.0 SOLID BLOCK SHALLOW TYPE "F" SQUARE CATCH BASIN
3.5.1 (SIZE) SOLID BLOCK SHALLOW 5'-0" OR 6'-0" SQUARE CATCH BASIN
3.6.0 BRICK/SOLID BLOCK DROP INLET
3.7.0 (DIA.) BRICK/SOLID BLOCK ROUND MANHOLE OR CATCH BASIN GREATER THAN 12'-0"
4.2.0 PRECAST 4'-0" ROUND MANHOLE
4.2.1 PRECAST 5'-0" ROUND MANHOLE
4.2.2 PRECAST 6'-0" ROUND MANHOLE
4.3.0 (SIZE) PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN
4.4.0 (DIA.) PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN
4.5.0 PRECAST CONCRETE DROP INLET
4.5.1 PRECAST CONCRETE DROP INLET LATERAL OUTLET
4.5.2 PRECAST CONCRETE DROP INLET LONGITUDINAL OUTLET
5.3.0 CATCH BASIN AND MANHOLE STEP
5.4.0 CONCRETE COLLARS
6.1.0 LIGHT-DUTY SQUARE FRAME AND ROUND COVER
6.1.1 HEAVY DUTY SQUARE FRAME AND ROUND COVER
6.2.0 LIGHT-DUTY ROUND FRAME AND COVER
6.2.1 HEAVY-DUTY ROUND FRAME AND COVER
6.3.0 SQUARE FRAME AND GRATE
6.3.1 SQUARE FRAME AND GRATE (BICYCLE SAFE)
6.3.2 HIGH CAPACITY FRAME AND GRATE
6.3.3 HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)
6.4.0 ROUND FRAME AND GRATE
7.1.0S PRECAST CONCRETE CURB (STRAIGHT)
7.1.0C PRECAST CONCRETE CURB (CIRCULAR)
7.1.1 3'-0" PRECAST CONCRETE TRANSITION CURB
7.1.2 6'-0" PRECAST CONCRETE TRANSITION CURB
7.1.4 PRECAST 2'-0" RADIUS CORNER
7.1.5 PRECAST CONCRETE INLET STONE (FOR SQUARE CATCH BASIN)
7.1.6 PRECAST CONCRETE INLET STONE (FOR ROUND CATCH BASIN)
7.1.7 PRECAST CONCRETE APRON STONE (FOR SQUARE CATCH BASIN)
7.1.8 PRECAST CONCRETE APRON STONE (FOR ROUND CATCH BASIN)
7.2.0S PRECAST CONCRETE SLOPED FACE CURB (STRAIGHT)
7.2.0C PRECAST CONCRETE SLOPED FACE CURB (CIRCULAR)
7.2.1 PRECAST CONCRETE SLOPED FACE TRANSITION CURB
7.2.2 PRECAST CONCRETE TRANSITION CURB (VERTICAL FACE TO SLOPED FACE)
7.3.0S GRANITE CURB (STRAIGHT)
7.3.0C GRANITE CURB (CIRCULAR)
7.3.1 3'-0" GRANITE TRANSITION CURB
7.3.2 6'-0" GRANITE TRANSITION CURB
7.3.3 GRANITE WHEELCHAIR RAMP TRANSITION CURB
7.3.4 GRANITE 2'-0" RADIUS CORNER
7.3.5 GRANITE INLET STONE (FOR SQUARE CATCH BASIN)
7.3.6 GRANITE INLET STONE (FOR ROUND CATCH BASIN)
7.3.7 GRANITE APRON STONE (FOR SQUARE CATCH BASIN)
7.3.8 GRANITE APRON STONE (FOR ROUND CATCH BASIN)
7.4.0 GRANITE SLOPED FACE CURB
7.4.1 GRANITE SLOPED FACE TRANSITION CURB
7.4.2 GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)
7.5.0 BITUMINOUS CONCRETE LIP CURB
7.5.1A BITUMINOUS BERM (CONSTRUCTION METHOD A)
7.5.1B BITUMINOUS BERM (CONSTRUCTION METHOD B)
7.6.0 CURB SETTING DETAIL
8.2.0 BITUMINOUS CONCRETE DITCH
8.3.0 RIP-RAP DITCH
8.4.0 PAVED WATERWAY
9.1.0 BALED HAY EROSION CHECK
9.2.0 SILT FENCE DETAIL
9.3.0 BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED
9.4.0 BALED HAY DITCH AND SWALE EROSION CHECK
9.5.0 LOG AND HAY CHECK DAM
9.7.0 DEWATERING BASIN
9.8.0 BALED HAY CATCH BASIN INLET PROTECTION
9.9.0 CONSTRUCTION ACCESS
10.1.0 WET STONE MASONRY RETAINING WALL
10.2.0 RUBBLE MASONRY WALL
10.3.0 CONCRETE RETAINING WALL
10.4.0 STONE MASONRY STEPS
14.1.0 CONCRETE HIGHWAY BOUND
15.1.0 POST AND MOUNTINGS FOR RURAL MAILBOX
15.2.0 (NO.) POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBOXES
18.2.0 PRECAST TYPE "A" HANDHOLE
18.2.2 HEAVY DUTY TYPE "H" HANDHOLE
18.3.0 ALUMINUM LIGHTING STANDARDS
20.2.0 BI-DIRECTIONAL CONTROL DEVICE
24.6.1 STREET SIGN MOUNTING DETAIL
26.2.0 POLYETHYLENE DRUM WITH MARKINGS
26.3.0 PVC PLASTIC PIPE TYPE III BARRICADE
31.1.0 CHAIN LINK FENCE 3'-0" TO 4'-0"
31.2.0 CHAIN LINK FENCE 5'-0" TO 6'-0"
31.2.1 CHAIN LINK FENCE 5'-0" TO 6'-0" INTERMEDIATE POST
31.3.0 WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)
34.1.0 TYPICAL GUARDRAIL INSTALLATION
34.2.0 STEEL BEAM GUARDRAIL
34.2.1 STEEL BEAM GUARDRAIL DETAILS
34.2.2 STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY
34.2.3 STEEL BEAM GUARDRAIL FIXTURES
34.2.5 STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR
34.3.1 GUARDRAIL END SECTION
34.3.2 TERMINAL END SECTION (SINGLE FACE)
34.3.3 ANCHORAGE DETAILS APPROACH END SECTION
34.3.4 ANCHORAGE DETAILS TRAILING END SECTION
34.4.0 STEEL BACKED TIMBER GUARDRAIL
34.4.1 STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1
40.1.0 DOUBLE-FACED PRECAST MEDIAN BARRIER
40.2.0 SINGLE-FACED PRECAST MEDIAN BARRIER
40.2.1 SINGLE-FACED PRECAST MEDIAN BARRIER
40.3.0 PRECAST MEDIAN BARRIER TRANSITION UNIT
40.5.0 PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL
43.1.0 CEMENT CONCRETE SIDEWALK
43.2.0 BITUMINOUS CONCRETE SIDEWALK
43.3.0 WHEELCHAIR RAMP
43.3.1 WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS
43.4.0 DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB
43.4.1 DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB
43.5.0 CEMENT CONCRETE DRIVEWAYS
48.1.0 DETECTABLE WARNING SYSTEM
51.1.0 TREE PROTECTION DEVICE
51.1.1 DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES
51.2.0 SHRUB PROTECTION DEVICE
51.3.0 TREE WELL
51.4.0 TREE WALL

- AB ADJUST CATCH BASIN TO GRADE
ABM ADJUST CATCH BASIN TO MANHOLE
AC ADJUST CURB STOP TO GRADE
AD ADJUST DRAINAGE MANHOLE TO GRADE
AE ADJUST ELECTRIC MANHOLE TO GRADE
AFC ADJUST FRAME AND COVER TO GRADE
AFG ADJUST FRAME AND GRATE TO GRADE
AG ADJUST GAS GATE BOX TO GRADE
AHH ADJUST HANDHOLE TO GRADE
AS ADJUST SANITARY SEWER MANHOLE TO GRADE
AT ADJUST TELEPHONE MANHOLE TO GRADE
AW ADJUST WATER GATE BOX TO GRADE
BCD BITUMINOUS CONCRETE DRIVEWAY
3" BITUMINOUS CONCRETE TYPE 1-2
8" GRAVEL BORROW SUBBASE COURSE
BPS BUILD NEW STRUCTURE OVER EXISTING PIPE
CCB CLEAN CATCH BASIN
CCP CUT AND CAP PIPE WITH RESTRAINT (ALL SIZES)
CFP CLEAN AND FLUSH PIPE
CG CLEARING AND GRUBBING
CMH CLEAN MANHOLE
CP (DEPTH) COLD PLANE
CPP CUT AND PLUG PIPE (ALL TYPES, ALL SIZES)
DB REMOVE AND DISPOSE BITUMINOUS CURB
DC REMOVE AND DISPOSE CONCRETE CURB
DCB REMOVE AND DISPOSE CATCH BASIN
DDI REMOVE AND DISPOSE DROP INLET
DF REMOVE AND DISPOSE FENCE
DFC REMOVE AND DISPOSE FRAME AND COVER
DFE REMOVE AND DISPOSE FLARED END SECTION
DFG REMOVE AND DISPOSE FRAME AND GRATE
DFH REMOVE AND DISPOSE FIRE HYDRANT
DFP REMOVE AND DISPOSE FLEXIBLE PAVEMENT
DG REMOVE AND DISPOSE GUARDRAIL
DH REMOVE AND DISPOSE HEADWALL
DHB REMOVE AND DISPOSE HIGHWAY BOUND
DHH REMOVE AND DISPOSE HANDHOLE
DL REMOVE AND DISPOSE LIGHT AND FOUNDATION
DMB REMOVE AND DISPOSE MEDIAN BARRIER
DMH REMOVE AND DISPOSE MANHOLE
DMM REMOVE AND DISPOSE MEDIAN MARKER
DOW REMOVE AND DISPOSE OBSERVATION WELL
DP REMOVE AND DISPOSE PIPE
DPB REMOVE AND DISPOSE PAVEMENT AND RIGID BASE
DRB REMOVE AND DISPOSE RIGID BASE
DS REMOVE AND DISPOSE SIGN
DSS REMOVE AND DISPOSE TRAFFIC SIGNAL SYSTEM
DSW REMOVE AND DISPOSE SIDEWALK
DTD REMOVE AND DISPOSE TELEPHONE DUCT BANKS
DUP REMOVE AND DISPOSE UTILITY POLE
DWW REMOVE AND DISPOSE PAVED WATERWAY
FF FILTER FABRIC RIPRAP FLARED END UNDERLAYMENT
GET FLARED GUARDRAIL END TREATMENT
IA IMPACT ATTENUATOR
IDL IMPERVIOUS DITCH LINER
LOD LIMIT OF DISTURBANCE
LOR LIMIT OF REGRADING
LS 4" LOAM AND SEED

- NFH NEW FIRE HYDRANT WITH GATE VALVE
NIC NOT IN THIS CONSTRUCTION CONTRACT
NWB FURNISH AND INSTALL NEW WATER GATE VALVE BOX
NWVB FURNISH AND INSTALL NEW WATER GATE VALVE AND BOX
NWCB FURNISH AND INSTALL NEW WATER CURB STOP BOX
NWSB FURNISH AND INSTALL NEW WATER CURB STOP AND BOX
PCD PERMANENT CHECK DAM
PS 4" PLANTABLE SOIL AND SEED
RCB RECONSTRUCT TYPE "D" CATCH BASIN, TO CATCH BASIN WITH GUTTER INLET
RCM R.I.D.O.T. COMMUNICATIONS MANHOLE
RHH REMOVE, HANDLE, HAUL, TRIM, RESET CURB EDGING, STRAIGHT, CIRCULAR (ALL TYPES)
RLP RELOCATE LAMP POST
RMB RELOCATE MAILBOX (BY OTHERS)
RPM REMOVE PAVEMENT MARKINGS
RRP RIP-RAP PAD (SEE DETAIL)
RRS REMOVE AND RELOCATE SIGN
RUP RELOCATE UTILITY POLE (BY OTHERS)
SB STONE BAFFLE
SBAE STEEL BEAM BRIDGE CONNECTION APPROACH END (W/O NESTED RAIL)
SBD STEEL BEAM BRIDGE CONNECTION TRAILING END (W/NESTED RAIL)
SD- STRUCTURAL DISPOSITION - SEE CS PAGES OF SPECIFICATION
SF REMOVE AND STOCKPILE FENCE
SGA SPECIAL GRADED AGGREGATE
SGC REMOVE AND STOCKPILE GRANITE CURB
SGR REMOVE AND STOCKPILE GUARDRAIL
SH REMOVE AND STOCKPILE HYDRANT
SS REMOVE AND STOCKPILE SIGN
STS REMOVE AND STOCKPILE TRAFFIC SIGNAL SYSTEM
TB CONCRETE THRUST BLOCK
TEP TIE EXISTING PIPE INTO NEW STRUCTURE
TNP TIE NEW PIPE INTO EXISTING STRUCTURE
TBT THRIE BEAM TRANSITION
TBBC THRIE BEAM BRIDGE CONNECTION
TT TREE TRIMMING
WCM 4" WOOD CHIP MULCH
4DY 4" EPOXY RESIN PAVEMENT MARKINGS - DOUBLE YELLOW
6W 6" EPOXY RESIN PAVEMENT MARKINGS - WHITE
12W 12" EPOXY RESIN PAVEMENT MARKINGS - WHITE
6WT 6" PREFORMED PATTERNED MARKING (HIGH PERFORMANCE TAPE)
4Y 4" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
6Y 6" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
P.G.L. PROFILE GRADE LINE

Table with columns: FED. ROAD DIV. NO., STATE, FEDERAL AID PROJECT NO., FISCAL YEAR, SHEET NO., TOTAL SHEETS. Values: RI, 2, 13.

Environmental Management
Office of Water Resources
JUL 18 2019

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 29 2019 FILE # 19-0170
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

THIS PLAN SHALL NOT BE ALTERED

Table with columns: REVISIONS NO., DATE, BY. Includes project title: RHODE ISLAND DEPARTMENT OF TRANSPORTATION PLANS FOR BRIDGE PRESERVATION BRIDGE NO. 1220 SCITUATE, RHODE ISLAND. Includes logo for WSP USA Inc. and project details.

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI			3	13

GENERAL NOTES:

- ANY DAMAGE TO EXISTING PAVEMENT, BRIDGES, CONDUIT, SIDEWALK, FENCES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
- THE CONTRACTOR SHALL PLACE ALL EQUIPMENT AND MATERIAL AS FAR AWAY AS POSSIBLE FROM THE EDGE OF THE TRAVEL LANE SO AS NOT TO CAUSE A SAFETY HAZARD, IN ACCORDANCE WITH SECTION 106.06 OF THE R.I.D.O.T. STANDARD SPECIFICATION, LATEST EDITION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE CONTROL POINTS ARE LOCATED AND CONSTRUCTION LAYOUT IS ESTABLISHED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL THEREBY ENABLING HIM TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. SURVEY WILL BE PROVIDED BY THE CONTRACTOR. THE RESIDENT ENGINEER WILL NOT AUTHORIZE CONSTRUCTION ACTIVITIES TO BEGIN UNTIL HE IS SATISFIED THAT ALL GROUND CONTROL HAS BEEN ESTABLISHED, TIED DOWN, AND DULY RECORDED IN STANDARD FIELD BOOKS.
- ALL R.I. STD. 9.9.0 CONSTRUCTION ACCESS ROADS SHALL BE CONSTRUCTED PRIOR TO ANY ROADWAY ACCEPTING CONSTRUCTION TRAFFIC.
- THE FREQUENCY AND APPLICATION RATES FOR THE DUST CONTROL ITEMS WILL BE AS DIRECTED BY THE ENGINEER.
- ALL SIDEWALK AND DRIVEWAYS DESIGNATED FOR REPLACEMENT SHALL BE CUT AND MATCHED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- ASPHALT EMULSION TACK COAT SHALL BE PLACED PRIOR TO PAVEMENT PLACEMENT ON THE CONCRETE BASE OR COLD PLANED PAVEMENT, AND ON ANY NEW COURSE WHICH HAS BEEN OPEN TO TRAFFIC, OR ANY NEW COURSE WHICH HAS BEEN EXPOSED FOR MORE THAN 3 DAYS, AND/OR AS DIRECTED BY THE ENGINEER. IT SHALL ALSO BE APPLIED TO VERTICAL PAVEMENT FACES BETWEEN ADJOINING PAVEMENT SECTIONS. ALL APPLICATIONS ON BOTH HORIZONTAL AND VERTICAL SURFACES SHALL BE PAID FOR UNDER THE CONTRACT UNIT BID PRICE FOR CODE 403.0300 "ASPHALT EMULSION TACK COAT."
- THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND PLACING, AT HIS OWN EXPENSE, PLANTABLE SOIL AND SEED IN AREAS WHICH ARE OUTSIDE OF THE PROJECT'S AREAS OF DISTURBANCE AND WHICH ARE IMPACTED BY CONSTRUCTION OPERATIONS INCLUDING THOSE AREAS WHERE VEHICLES, EQUIPMENT AND MATERIALS ARE STORED WITH THE PERMISSION OF THE ENGINEER.
- UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO STOCKPILE REMOVED PAVEMENT MATERIALS WITHIN THE PROJECT LIMITS.
- CLEANING AND SWEEPING OF PAVEMENT WILL INCLUDE REMOVAL OF ALL PAVEMENT DEBRIS PRIOR TO THE PLACEMENT OF EACH BITUMINOUS PAVEMENT LIFT. ALL CLEANING AND SWEEPING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.
- PRIOR TO INSTALLATION, ALL SIGNS, MOUNTINGS AND LOCATIONS SHALL BE APPROVED OR MODIFIED BY THE ENGINEER.
- THE COORDINATE SYSTEM, IF SHOWN, IS THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM.
- PAVEMENT OPERATIONS FOR CURBED SECTIONS: IN AREAS WHERE CURBING IS SET TO FINISH LINE AND GRADE, THE CONTRACTOR WILL NOT BE REQUIRED TO UTILIZE THE SENSOR AND SKY-TYPE DEVICE FOR AUTOMATIC GRADE CONTROL, BUT WILL BE ALLOWED TO MANUALLY ADJUST THE BITUMINOUS PAVER FOR CONTROLLING GRADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ROADWAYS FREE OF DEBRIS RESULTING FROM THEIR CONSTRUCTION OPERATIONS. ALL DEBRIS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
- NO FUEL STORAGE, VEHICLE REFUELING, OR EQUIPMENT STORAGE SHALL TAKE PLACE IN DESIGNATED WETLANDS, NOR WITHIN 100' OF ANY WATER BODY. THIS REQUIREMENT SHALL NOT SUPERSEDE ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION THAT APPLIES TO THE SAME, UNLESS THIS REQUIREMENT IS MORE STRINGENT THAN SAID LAW, ORDINANCE, RULE OR REGULATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT AT THE END OF FINAL PAVING OPERATIONS, FLOW TO EXISTING DRAINAGE STRUCTURES HAS BEEN REESTABLISHED AND THAT NO ISOLATED DEPRESSIONS REMAIN. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS PROVISION; IT SHALL BE CONSIDERED INCIDENTAL TO PAVING AND COLD PLANING OPERATIONS.
- ALL EMBANKMENTS SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING 12" (AFTER COMPACTION) AND SHALL BE COMPACTED AS SPECIFIED BEFORE THE NEXT LAYER IS PLACED. ALSO, EMBANKMENT CONSTRUCTION SHALL CONFORM TO SECTION 202.03.2 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- IF THIS PROJECT IS ON A HURRICANE EVACUATION AND DIVERSIONARY ROUTE, AS DESIGNATED ON THE COVERSHEET, THE CONTRACTOR IS ADVISED THAT UPON 12 (TWELVE) HOURS NOTICE THE ROADWAY SHALL BE OPEN TO EVACUEES AND EMERGENCY PERSONNEL. ANY EXTRA WORK NECESSARY TO COMPLY WITH THIS REQUIREMENT WILL BE REIMBURSED UNDER FORCE ACCOUNT PROCEDURES.
- THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN THE ENVIRONMENTAL APPROVALS ISSUED FOR THE PROJECT FROM THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM), AND/OR THE ARMY CORPS OF ENGINEERS (ACOE), AND/OR THE COASTAL RESOURCES MANAGEMENT COUNCIL (CRMC). COPIES OF EACH OF THESE PERMITS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH THESE CONDITIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
- FOR ALL PROJECTS INVOLVING KNOWN SITE REMEDIATION ISSUES, THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE CONSTRUCTION RELATED PROVISIONS, CONDITIONS, AND STIPULATIONS OF ANY REMEDIAL PLANS DEVELOPED FOR THE PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH COMPLIANCE WITH THESE DOCUMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
- NO UNPROTECTED CONSTRUCTED FEATURE MAY PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. HEADWALL, DRAINAGE INLET, ETC.
- THE REMAINING SECTION OR STUB OF A BREAKAWAY BASE MAY NOT PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. SIGN POSTS, LIGHT POLES, FIRE HYDRANTS, ETC.

DRAINAGE AND EROSION CONTROL NOTES:

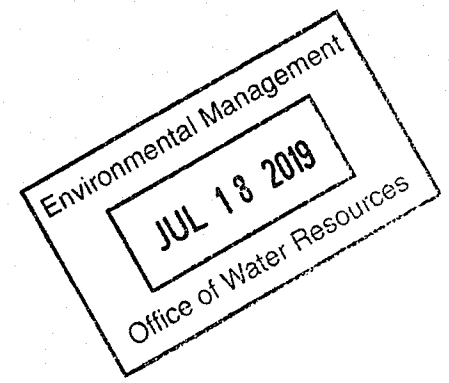
- FOR ALL PROJECTS WITH AT LEAST ONE(1) ACRE OF SOIL DISTURBANCE. R.I.D.O.T. IS REQUIRED TO DEVELOP AND ENFORCE A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ORDER TO REMAIN IN COMPLIANCE WITH THE RIDDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS OF THE GENERAL PERMIT AND THE SITE SPECIFIC SWPPP FOR THIS PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH ADHERENCE TO THE SWPPP SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
- NO UNDISTURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR OR DURING ANY PERIOD OF FULL OR LIMITED WINTER SHUTDOWN. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION, AS DETERMINED BY THE RESIDENT ENGINEER OR ENVIRONMENTAL INSPECTOR, BY NOVEMBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR HAY MULCH, IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH APRIL 15, CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE RESTABILIZED WITHIN 5 WORKING DAYS. ANY WORK TO CORRECT PROBLEMS RESULTING FROM FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL BE NO SEPARATE PAYMENT FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 2 WEEKS OF FINAL GRADING.
- STOCKPILES OF MATERIAL SHALL NOT BE LOCATED WITHIN REGULATED WETLANDS OR BUFFER ZONE AREAS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES OF ERODABLE MATERIAL SHALL ALSO BE SEEDED AND RINGED WITH R.I. STD. 9.1.0 TO STABILIZE.
- IF THE PLANS INCLUDE SPECIFIC AREAS FOR PLACEMENT OF CONSTRUCTION DEWATERING BASINS AND/OR EQUIPMENT AND MATERIALS STORAGE AND STOCKPILING, AND IF THE CONTRACTOR ELECTS TO UTILIZE ANY OTHER AREAS FOR THESE PURPOSES, THIS SHALL BE APPROVED BY THE ENGINEER ONLY AFTER OBTAINING ANY NECESSARY PERMITS AND/OR PERMIT MODIFICATIONS FROM THE APPROPRIATE REGULATORY AUTHORITY(IES). ANY PERMITTING REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE ACCOMPLISHED AT NO COST TO THE STATE. THE ENGINEER WILL COORDINATE SUBMISSION OF ANY REQUIRED PERMIT APPLICATION MATERIALS WITH THE R.I.D.O.T. OFFICE OF ENVIRONMENTAL PROGRAMS.
- JUTE MESH SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM IN ALL DITCHES, ON ALL SLOPES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN WATER QUALITY BASINS. JUTE MESH IN DITCHES SHALL EXTEND TO AN ELEVATION 2 FEET ABOVE THE BOTTOM OF THE DITCH.
- SEEDING ON ALL SLOPES 3 TO 1 OR STEEPER SHALL CONSIST OF THE FOLLOWING APPLICATIONS UNLESS CHANGED IN THE CONTRACT.
 - SEEDING TYPE I.
 - ADHESIVE MULCH STABILIZER
- UNVEGETATED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF 2 WEEKS OR THROUGH THE INACTIVE WINTER SEASON.
- PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING PIPES AND/OR STRUCTURES WHICH ARE TO BE CONNECTED. ANY VARIATION FOUND FROM THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION. WORK CAN COMMENCE ONLY UPON THE ENGINEER'S AUTHORIZATION.
- ALL DRAINAGE AND UTILITY STRUCTURES WITHIN THE PAVED ROADWAY SHALL BE ADJUSTED TO GRADE WITH THE SURROUNDING PAVEMENT PRIOR TO THE WINTER SHUTDOWN.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA.
- CATCH BASIN RIM GRADES NOTED ON PLANS ARE DEPRESSED 0.1' LOWER THAN THE GUTTER GRADE. RIM ELEVATIONS SHOWN ARE FINAL GRADES. THE CONTRACTOR SHALL PLACE FRAMES AND GRATES 0.1' BELOW THE GRADE CONSTRUCTED IN THIS CONTRACT OR AS DIRECTED BY THE ENGINEER.
- PROVISIONS FOR CLEARING TO ACCESS OUTFALLS DURING THE CLEANING AND FLUSHING OF THE CLOSED DRAINAGE SYSTEM SHALL BE KEPT TO A MINIMUM.
 - ANY VEGETATIVE CLEARING SHALL BE LIMITED TO BRUSH AND TREES LESS THAN 3" DIAMETER.
 - NO HEAVY EQUIPMENT MAY ENCROACH UPON VEGETATED PERIMETER OR RIVERBANK WETLANDS AS WELL AS BIOLOGICAL WETLANDS.
- THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES FOR OUTLET PROTECTION PRIOR TO CLEANING AND FLUSHING STORM WATER DRAINAGE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL FLUSHED SEDIMENTS ARE REMOVED. AT ALL OUTFALL LOCATIONS WHERE PIPES ARE TO BE CLEANED AND FLUSHED, OUTLET PROTECTION (R.I. STD. 9.1.0 OR 9.3.0) SHALL BE INSTALLED TO TRAP SEDIMENTS. THESE SEDIMENTS SHALL THEN BE REMOVED AND DISPOSED OF LEGALLY BEFORE THE OUTLET PROTECTION DEVICES ARE REMOVED. IF OUTLET PROTECTION AT THE OUTFALL IS NOT FEASIBLE, THEN THE OUTLET PIPE OF THE LAST DRAINAGE STRUCTURE TO BE CLEANED SHALL BE PLUGGED TO CAPTURE ALL MATERIALS FLUSHED FROM PIPES. AFTER THE MATERIALS ARE REMOVED FROM THE DRAINAGE STRUCTURE, THE OUTLET SHALL BE UNPLUGGED TO RESUME NORMAL FUNCTIONING.
- R.I. STD. 9.8.0 BALED HAY INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS AND INLETS WHENEVER SUBBASE IS EXPOSED, AND SHALL REMAIN IN PLACE UNTIL THE ABUTTING GROUND SURFACES ARE STABILIZED.
- WHERE BALED HAY INLET PROTECTION AND SILT FENCES ARE USED AT CATCH BASINS, THEY SHALL BE REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY THE ENGINEER IN ORDER TO PREVENT CLOGGING OF THE INLET.

DRAINAGE AND EROSION CONTROL NOTES (CONTINUED):

- DETENTION AND RETENTION BASINS MAY BE ROUGH GRADED AND STABILIZED WITH VEGETATION AND/OR OTHER EROSION CONTROL MEASURES AS REQUIRED BY THE ENGINEER PRIOR TO USE AS TEMPORARY SEDIMENTATION BASINS DURING PROJECT CONSTRUCTION. FINAL BASIN CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL SOURCES OF SEDIMENT HAVE BEEN ELIMINATED, FINAL ROADSIDE VEGETATION IS ESTABLISHED AND USE OF TEMPORARY BASINS IS NO LONGER REQUIRED AS DIRECTED BY THE ENGINEER. ANY ISSUES RELATING TO EROSION AND/OR SEDIMENT TRANSPORT INTO WETLAND AREAS RESULTING FROM SUCH USE OF SEDIMENTATION BASINS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY CORRECTIVE ACTION REQUIRED TO RESOLVE SUCH ISSUES SHALL BE COMPLETED BY THE CONTRACTOR.
- THE TOE OF ANY FILL SLOPE IS TO REMAIN AT LEAST 1' INSIDE OF ALL EROSION CONTROLS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR COVER ANY PORTION OF THE EROSION CONTROL MEASURES WITH MATERIAL. ANY MATERIAL THAT IS PLACED ON ANY EROSION CONTROLS BY THE CONTRACTOR, OR ANY AGENT OF THE CONTRACTOR, SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR, AND ANY NECESSARY REPAIRS TO THE EROSION CONTROLS ACCOMPLISHED.
- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AT THOSE AREAS INDICATED ON THE PLANS. CLEARING MAY OCCUR PRIOR TO INSTALLATION OF SUCH CONTROLS, HOWEVER NO GRUBBING, GRADING, FILLING, OR OTHER SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS.
- ALL HAY BALES, SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. TEMPORARY SEED WILL CONFORM TO R.I.D.O.T. STANDARD TEMPORARY SEED MIX.
- THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE STATE.
- THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPECIFIED IN SUBSECTION L.02.03 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- ADDITIONAL EROSION CONTROLS, SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. THESE ADDITIONAL ITEMS WILL BE PAID AT THE UNIT PRICE FOR THAT BID ITEM.

UTILITY NOTES:

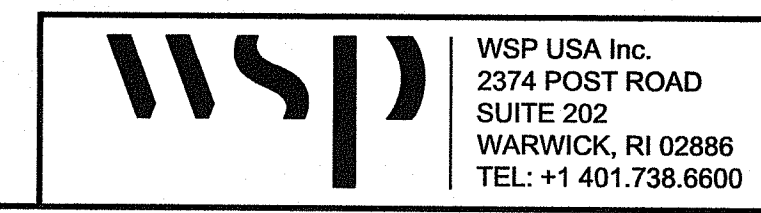
- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER AND SANITARY) ARE NOT SHOWN. CONTRACTOR IS TO ASSUME SERVICES ARE PRESENT TO ALL BUILDINGS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES BOTH UNDERGROUND AND OVERHEAD BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH CHAPTER 39-1.2 OF THE R.I. GENERAL LAWS ENTITLED "EXCAVATION NEAR UNDERGROUND UTILITY FACILITIES" WITH AMENDMENTS EFFECTIVE AS OF NOVEMBER 1, 2009 AND, WHEN NECESSARY, BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY APPLICABLE CITY, TOWN, STATE OR FEDERAL AGENCY. THE CONTRACTOR SHOULD UNDERSTAND THAT NOT ALL UTILITIES SUBSCRIBE TO THE DIG SAFE PROGRAM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND ENSURE THAT ALL UTILITIES HAVE BEEN MARKED PRIOR TO COMMENCING THEIR WORK. ANY DAMAGE TO EXISTING UTILITIES MARKED IN THE FIELD, OR AS A RESULT OF FAILING TO CONTACT THE APPROPRIATE UTILITY COMPANY, SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE STATE.
- ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE CAPPED.
- EXISTING WATER SERVICES SHALL BE RECONNECTED TO THE NEW WATER MAINS.
- UTILITY SERVICE CONNECTIONS SHALL BE MAINTAINED TO ALL EXISTING FACILITIES TO REMAIN.
- FIRE HYDRANTS SHALL NOT BE REMOVED FROM SERVICE WITHOUT WRITTEN AUTHORIZATION FROM THE FIRE DEPARTMENT OR THE WATER AUTHORITY.
- ALL NEW WATER LINES SHALL BE DISINFECTED TO THE SATISFACTION OF THE WATER AUTHORITY IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL UTILITY POLE RELATED WORK SHALL BE BY OTHERS.



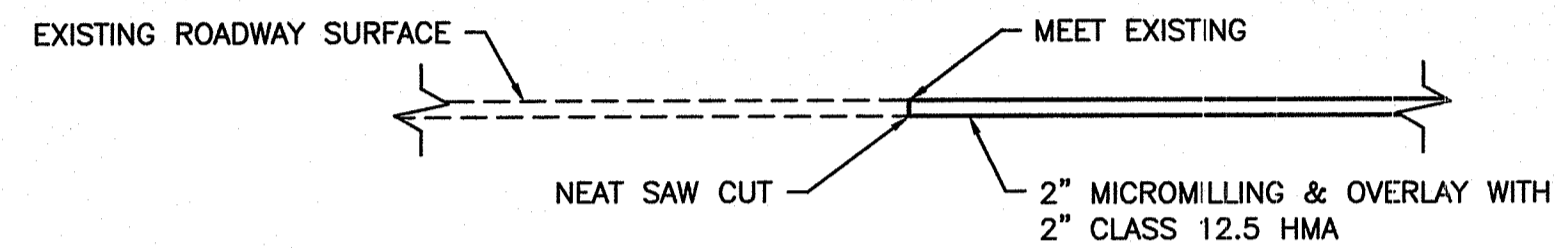
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 29 2019 FILE # 19-0170
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

THIS PLAN SHALL NOT BE ALTERED

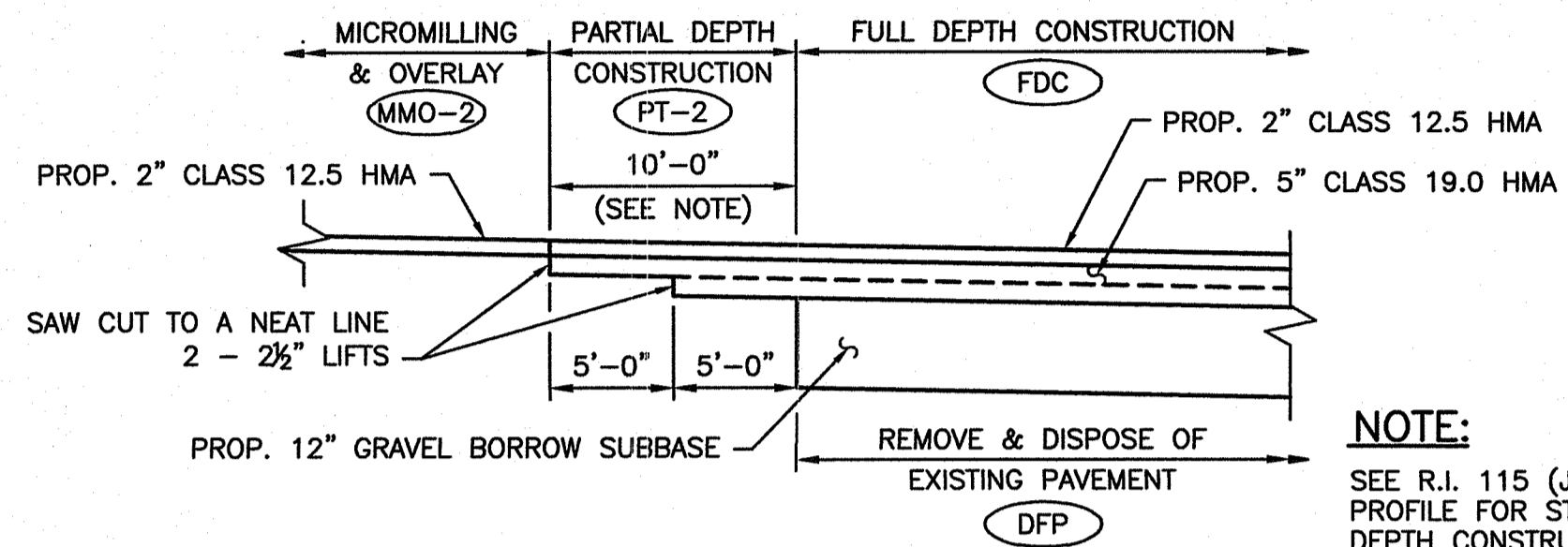
REVISIONS			RHODE ISLAND	
NO.	DATE	BY	DEPARTMENT OF TRANSPORTATION	
1	4/07	TRB	PLANS FOR BRIDGE PRESERVATION	
2	3/10	RBH	BRIDGE NO. 1220	
3	4/14	MLP	SITUATE, RHODE ISLAND	
			STANDARD NOTES - 1	
			CHECKED BY _____	DATE _____ SCALE NO SCALE



Environmental Management
JUL 18 2019
 Office of Water Resources

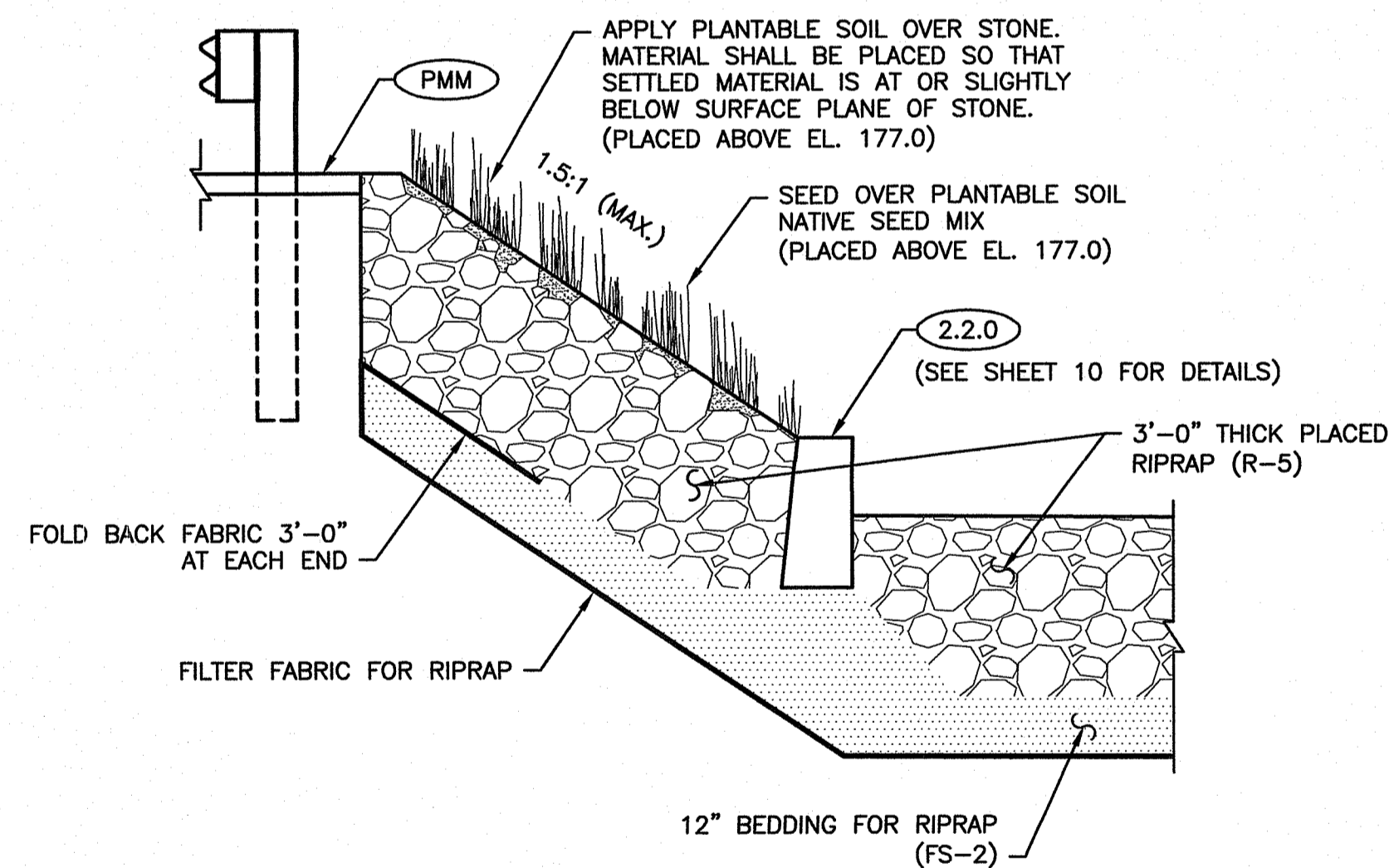


LIMIT OF MICROMILLING AND OVERLAY (PT-1)
 SCALE: N.T.S.



NOTE:
 SEE R.I. 115 (JACKSON FLAT RD.)
 PROFILE FOR STATION LIMITS OF PARTIAL
 DEPTH CONSTRUCTION.

PAVING TRANSITION AT FULL DEPTH CONSTRUCTION (PT-2)
 SCALE: N.T.S.



RIPRAP SLOPE AND CHANNEL PROTECTION DETAIL
 SCALE: N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 29 2019 FILE # 19-017D
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION
NO.	DATE	BY	
			PLANS FOR BRIDGE PRESERVATION BRIDGE NO. 1220 SCITUATE, RHODE ISLAND
			MISCELLANEOUS DETAILS
			CHECKED BY _____ DATE _____ SCALE AS NOTED

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