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DESCRIPTION COVER STANDARD PLAN SYMBOLS & STANDARD LEGEND STANDARD NOTES 1 & 2 JOB SPECIFIC SYMBOLS, LEGEND & NOTES **CONSTRUCTION DETAILS 1-3** SITE PREPARATION PLAN CONSTRUCTION PLAN BMP ENLARGEMENT PLAN **GRADING PLAN** TEMPORARY TRAFFIC CONTROL PLAN LANDSCAPING PLAN

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS

SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 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.

City of East Providence Department of Public Works Engineering Division



AILANTHUS AVENUE PARKING LOT & PLAYGROUND EP22/23-10 East Providence, Rhode Island



FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2023	1	15



Number of Sheet _____1 Total Sheets _____15



FILE: N:\10700\10733 - PAWTUCKET AVENUE EAST PROVIDENCE\DRAWINGFILES\PLANSET\10733_V1_002_LEGEND.DWG PLOT DATE: 3/9/2023 10:12

IN	7.4.2	GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)	AB	ADJUST CATCH BASIN TO GRADE
CONNECTING COLLAR	7.5.0	BITUMINOUS CONCRETE LIP CURB	ABM	ADJUST CATCH BASIN TO MANHOLE
HEADWALLS FOR PIPE CULVERTS	(7.5.1A)	BITUMINOUS BERM (CONSTRUCTION METHOD A)	AC	ADJUST CURB STOP TO GRADE
HEADWALLS FOR MULTIPLE	(7.5.1B)	BITUMINOUS BERM (CONSTRUCTION METHOD B)		
7'-0' PIPE CULVERTS	7.5.10	CURP SETTING RETAIL	AD	AD WOLL ELECTRIC MANUALE TO GRA
CONCRETE FLARED END SECTION	7.6.0		AE	ADJUST ELECTRIC MANHOLE TO GRA
ID BLOCK 4'-0" ROUND MANHOLE	8.2.0	BITUMINOUS CONCRETE DITCH	AFC	ADJUST FRAME AND COVER TO GRA
ID BLOCK 5'-0" OR 6'-0" ROUND MANHOLE	(8.3.0)	RIP-RAP DITCH	AFG	ADJUST FRAME AND GRATE TO GRA
ID BLOCK TYPE "D" SQUARE CATCH BASIN	8.4.0	PAVED WATERWAY	AG	ADJUST GAS GATE BOX TO GRADE
ID BLOCK TYPE "F" SQUARE CATCH BASIN	9.1.0	BALED HAY EROSION CHECK	AHH	ADJUST HANDHOLE TO GRADE
OCK FLUSH SQUARE CATCH BASIN	9.2.0	SILT FENCE DETAIL	AS	ADJUST SANITARY SEWER MANHOLE
LID BLOCK TYPE "D" ROUND CATCH BASIN	9.3.0	BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED	AT	ADJUST TELEPHONE MANHOLE TO G
ID BLOCK ROUND CATCH BASIN WITH GUTTER INLET	9.4.0	BALED HAY DITCH AND SWALE EROSION CHECK	AW	ADJUST WATER GATE BOX TO GRAD
ID BLOCK TYPE "F" ROUND CATCH BASIN	950	LOG AND HAY CHECK DAM	BCD	BITUMINOUS CONCRETE DRIVEWAY
ID BLOCK TYPE "P" CATCH BASIN	970			3" BITUMINOUS CONCRETE TYPE I-
DE BEUCK TIFE IN CATCH BASIN	9.7.0	DALED HAY OATOUL DACING INGET DEOTEOTION		BUILD NEW OTDUCTURE OVER EVICE
CK FLUSH ROUND CATCH BASIN	9.8.0	BALED HAT CATCH BASIN INLET PROTECTION	BPS	BUILD NEW STRUCTURE OVER EXIST
LID BLOCK 5'-0" OR 6'-0" ROUND CATCH BASIN	9.9.0	CONSTRUCTION ACCESS	CCB	CLEAN CATCH BASIN
CK SHALLOW TYPE "F" SQUARE CATCH BASIN	(10.1.0)	WET STONE MASONRY RETAINING WALL	CCP	CUT AND CAP PIPE WITH RESTRAIN
OCK SHALLOW 5'-0" OR 6'-0" SQUARE CATCH BASIN	10.2.0	RUBBLE MASONRY WALL	CFP	CLEAN AND FLUSH PIPE
ID BLOCK DROP INLET	10.3.0	CONCRETE RETAINING WALL	CG	CLEARING AND GRUBBING
ID BLOCK ROUND MANHOLE OR	(10.4.0)	STONE MASONRY STEPS	СМН	CLEAN MANHOLE
4'-0" ROUND MANHOLE	(14.1.0)	CONCRETE HIGHWAY BOUND		COLD PLANE
5'-0" ROUND MANHOLE		POST AND MOUNTINGS FOR RURAL MAILBOX	(DEPTH)	CUT AND PLUG PIPE (ALL TYPES A
	(15, 2, 0) (NO)	POST AND MULTIPLE MOUNTINGS FOR PURAL MAIL POYES		DEMOVE AND DISPOSE DITUMINOUS
- C ROUND MANHOLE	(13.2.0)(NO.)	POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBUXES		REMOVE AND DISPOSE BITUMINOUS
4"-O" OR 6"-O" SQUARE MANHOLE OR CATCH BASIN	(18.2.0)	PRECAST TYPE "A" HANDHOLE		REMOVE AND DISPOSE CONCRETE C
4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN	(18.2.2)	HEAVY DUTY TYPE "H" HANDHOLE		REMOVE AND DISPOSE CATCH BASIN
CONCRETE DROP INLET	(18.3.0)	ALUMINUM LIGHTING STANDARDS		REMOVE AND DISPOSE DROP INLET
CONCRETE DROP INLET LATERAL OUTLET	20.2.0	BI-DIRECTIONAL CONTROL DEVICE	DF	REMOVE AND DISPOSE FENCE
CONCRETE DROP INLET LONGITUDINAL OUTLET	24.6.1	STREET SIGN MOUNTING DETAIL	DFC	REMOVE AND DISPOSE FRAME AND
SIN AND MANHOLE STEP	26.2.0	POLYETHYLENE DRUM WITH MARKINGS	DFE	REMOVE AND DISPOSE FLARED END
COLLARS	(26.3.0)	PVC PLASTIC PIPE TYPE III BARRICADE	DFG	REMOVE AND DISPOSE FRAME AND
Y SQUARE FRAME AND ROUND COVER	(31.1.0)	CHAIN LINK FENCE 3'-0" TO 4'-0"	DEH	REMOVE AND DISPOSE FIRE HYDRAI
TY SOLIARE ERAME AND ROUND COVER	(31.2.0)	CHAIN LINK FENCE 5'-0" TO 6'-0"		PEMOVE AND DISPOSE FLEXIBLE DA
A DOLIND FRAME AND COVER	31.2.0	CHAIN LINK FENCE $S' = 0$ to $0 = 0$		REMOVE AND DISPOSE FLEXIBLE FA
Y ROUND FRAME AND COVER	(31.2.1)	CHAIN LINK FENCE 5-0 TO 6-0 INTERMEDIATE POST	DG	REMOVE AND DISPOSE GUARDRAIL
TY ROUND FRAME AND COVER	(31.3.0)	WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)		REMOVE AND DISPOSE HEADWALL
RAME AND GRATE	(34.1.0)	TYPICAL GUARDRAIL INSTALLATION		REMOVE AND DISPOSE HIGHWAY BO
RAME AND GRATE	34.2.0	STEEL BEAM GUARDRAIL	DHH	REMOVE AND DISPOSE HANDHOLE
RAME AND GRATE (BICYCLE SAFE)	34.2.1	STEEL BEAM GUARDRAIL DETAILS	DL	REMOVE AND DISPOSE LIGHT AND F
ACITY FRAME AND GRATE	34.2.2	STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY	DMB	REMOVE AND DISPOSE MEDIAN BAR
ACITY FRAME AND GRATE (BICYCLE SAFE)	(34.2.3)	STEEL BEAM GUARDRAIL FIXTURES	DMH	REMOVE AND DISPOSE MANHOLE
AME AND GRATE	(34.2.5)	STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR		REMOVE AND DISPOSE MEDIAN MAR
				REMOVE AND DISPOSE OBSERVATION
CONCRETE CORB (STRAIGHT)	34.3.1	GUARDRAIL END SECTION		REMOVE AND DISPOSE OBSERVATION
CONCRETE CURB (CIRCULAR)	(34.3.2)	TERMINAL END SECTION (SINGLE FACE)	DP	REMOVE AND DISPOSE PIPE
CAST CONCRETE TRANSITION CURB	(34.3.3)	ANCHORAGE DETAILS APPROACH END SECTION		REMOVE AND DISPOSE PAVEMENT A
CAST CONCRETE TRANSITION CURB	34.3.4	ANCHORAGE DETAILS TRAILING END SECTION		REMOVE AND DISPOSE RIGID BASE
2'-0" RADIUS CORNER	34.4.0	STEEL BACKED TIMBER GUARDRAIL	DS	REMOVE AND DISPOSE SIGN
CONCRETE INLET STONE (FOR SQUARE CATCH BASIN)	34.4.1	STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1	DSS	REMOVE AND DISPOSE TRAFFIC SIG
CONCRETE INLET STONE (FOR ROUND CATCH BASIN)	(40.1.0)	DOUBLE-FACED PRECAST MEDIAN BARRIER	DSW	REMOVE AND DISPOSE SIDEWALK
CONCRETE APRON STONE (FOR SQUARE CATCH BASIN)	(40.2.0)	SINGLE-FACED PRECAST MEDIAN BARRIER		REMOVE AND DISPOSE TELEPHONE
CONCRETE APRON STONE (FOR BOUND CATCH BASIN)	(40.2.1)	SINGLE-FACED PRECAST MEDIAN BARRIER		REMOVE AND DISPOSE LITUITY POLE
	40.2.1			REMOVE AND DISPOSE DAVED WATE
CONCRETE SLOPED FACE CORB (STRAIGHT)	40.3.0	PRECAST MEDIAN BARRIER TRANSITION UNIT		REMOVE AND DISPOSE PAVED WATE
CONCRETE SLOPED FACE CURB (CIRCULAR)	(40.5.0)	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL	(FF)	FILTER FABRIC RIPRAP FLARED END
CONCRETE SLOPED FACE TRANSITION CURB	(43.1.0) (m)	3' CEMENT CONCRETE WALKWAY	GET	FLARED GUARDRAIL END TREATMENT
FACE TO SPLOPED FACE)	43.2.0	BITUMINOUS CONCRETE SIDEWALK		IMPACT ATTENUATOR
URB (STRAIGHT)	43.3.0	WHEELCHAIR RAMP	IDL	IMPERVIOUS DITCH LINER
URB (CIRCULAR)	(43.3.1)	WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS	LOD	LIMIT OF DISTURBANCE
NITE TRANSITION CURB	(43.4.0)	DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB	LOR	LIMIT OF REGRADING
NITE TRANSITION CURB	(43.4.1)	DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CLIRB		4" LOAM AND SEED
	(48.1.0)	DEIECIABLE WARNING SYSTEM		
NLET STONE (FOR SQUARE CATCH BASIN)	(51.1.0)	TREE PROTECTION DEVICE		
NLET STONE (FOR ROUND CATCH BASIN)	(51.1.1)	DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES		
PRON STONE (FOR SQUARE CATCH BASIN)	51.2.0	SHRUB PROTECTION DEVICE		
PRON STONE (FOR ROUND CATCH BASIN)	51.3.0	TREE WELL		
LOPED FACE CURB	(51.4.0)	TREE WALL		
LOPED FACE TRANSITION CURB				

DESIGNED BY: CHECKED BY: DATE: 3/8/23 SHEET: OF:

			FED. ROAD DIV. NO.	STATE	FEDERAL PROJECT	AID NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
T CATCH BASIN TO GRADE				RI			2023	2	15
T CATCH BASIN TO MANHOLE									
T CURB STOP TO GRADE	NFH	NEW FIRE HYDRANT WIT	H GATE	VALVE					
T DRAINAGE MANHOLE TO GRADE	NIC	NOT IN THIS CONSTRUC	TION CO	NTRAC	Г				
T ELECTRIC MANHOLE TO GRADE	NWB	FURNISH AND INSTALL I	NEW WAT	ER GA	TE VALVE	BOX			
T FRAME AND COVER TO GRADE	NWVB	FURNISH AND INSTALL I	NEW WAT	ER GA	TE VALVE	AND I	BOX		
T FRAME AND GRATE TO GRADE	NWCB	FURNISH AND INSTALL I	NEW WAT	ER CU	RB STOP	BOX			
T GAS GATE BOX TO GRADE	NWSB	FURNISH AND INSTALL I	NEW WAT	ER CU	RB STOP	AND I	BOX		
T HANDHOLE TO GRADE	PCD	PERMANENT CHECK DAM	Λ						
T SANITARY SEWER MANHOLE TO GRADE	PS	4" PLANTABLE SOIL AND	D SEED						
T TELEPHONE MANHOLE TO GRADE	RCB	RECONSTRUCT TYPE "D' WITH GUTTER INLET	' CATCH	BASIN,	, TO CAT	CH BAS	SIN		
T WATER GATE BOX TO GRADE	RCM	R.I.D.O.T. COMMUNICATIO	ONS MAN	HOLE					
INOUS CONCRETE DRIVEWAY	RHH	REMOVE, HANDLE, HAUL EDGING, STRAIGHT, CIRC	., TRIM, Cular (a	RESET	CURB PES)				
AVEL BORROW SUBBASE COURSE	RLP	RELOCATE LAMP POST			/				
NEW STRUCTURE OVER EXISTING PIPE	RMB	RELOCATE MAILBOX (BY	OTHERS	5)					
I CATCH BASIN	RPM	REMOVE PAVEMENT MAR	KINGS						
ND CAP PIPE WITH RESTRAINT (ALL SIZES)	RRP	RIP-RAP PAD (SEE DET	TAIL)						
I AND FLUSH PIPE	RRS	REMOVE AND RELOCATE	SIGN						
ING AND GRUBBING	RUP	RELOCATE UTILITY POLE	(BY OT	HERS)					
MANHOLE	SB	STONE BAFFLE							
PLANE	SBAE	STEEL BEAM BRIDGE CC	NNECTIO	N APP	ROACH EI	ND (W/	0 NES	TED RA	AIL)
ND PLUG PIPE (ALL TYPES, ALL SIZES)	SBTE	STEEL BEAM BRIDGE CO	ONNECTIC	N TRA	ILING ENI) (W/N	IESTED	RAIL)	
/E AND DISPOSE BITUMINOUS CURB	SD-	STRUCTURAL DISPOSITIO	N – SE	E CS F	PAGES OF	SPEC	IFICATIO	DN	
VE AND DISPOSE CONCRETE CURB	SF	REMOVE AND STOCKPILE	E FENCE						
VE AND DISPOSE CATCH BASIN	SGA	SPECIAL GRADED AGGRE	EGATE						
VE AND DISPOSE DROP INLET	SGC	REMOVE AND STOCKPILE	E GRANIT	E CUR	В				
VE AND DISPOSE FENCE	SGR	REMOVE AND STOCKPILE	E GUARD	RAIL					
VE AND DISPOSE FRAME AND COVER	SH	REMOVE AND STOCKPILE	E HYDRA	NT					
VE AND DISPOSE FLARED END SECTION	SS	REMOVE AND STOCKPILE	E SIGN						
VE AND DISPOSE FRAME AND GRATE	STS	REMOVE AND STOCKPILE	E TRAFFI	C SIGN	IAL SYSTE	M			
VE AND DISPOSE FIRE HYDRANT	TB	CONCRETE THRUST BLO	СК						
VE AND DISPOSE FLEXIBLE PAVEMENT	TEP	TIE EXISTING PIPE INTO	NEW ST	IRUCTU	RE				
/E AND DISPOSE GUARDRAIL	TNP	TIE NEW PIPE INTO EXI	STING ST	RUCTU	RE				
/F AND DISPOSE HEADWALL	TBT	THRIF BEAM TRANSITION							
VE AND DISPOSE HIGHWAY BOUND	TBBC	THRIF BEAM BRIDGE CO	NNFCTIO	N					
VE AND DISPOSE HANDHOLF									
VE AND DISPOSE LIGHT AND FOUNDATION	WCM	4" WOOD CHIP MULCH							
VE AND DISPOSE MEDIAN BARRIER		4" FPOXY RESIN PAVEM	ίεντ μαι	SKINGS		RIF YFI			
VE AND DISPOSE MANHOLE	6W	6" EPOXY RESIN PAVEN	IENT MA		– WHITE				
VE AND DISPOSE MEDIAN MARKER		12" EPOXY RESIN PAVE	MENT MA		с — МНІ.	- TF			
VE AND DISPOSE OBSERVATION WELL	EWT 6				3 — WIII Июц обі		NOF T		
VE AND DISPOSE DIDE		A" FROMY RESIN RAVEN	AENT MAR						
VE AND DISPOSE DAVEMENT AND DICID DASE		6" EDOXY RESIN DAVEN							
VE AND DISPOSE PAVEMENT AND RIGID DASE		O EFUXI RESIN FAVEN				J VV			
VE AND DISPOSE SION	F.U.L.	PROFILE GRADE LINE							
VE AND DISPOSE TRAFFIC SIGNAL SUCTED									
VE AND DISPOSE COSTUMATE									
VE AND DISPOSE TELEDUONE DUOT DANKO									
VE AND DISPOSE LITUTY DOLE									
VE AND DISPUSE UTILITY FULE									
VE AND DISPUSE PAVED WAIERWAY									
K FABRIC RIPRAP FLARED END UNDERLAYMENT									

THIS PLAN SHALL NOT BE ALTERED

: LTD/BFB	SCALE	: NONE									
NBI							AILANTHUS AVENUE PARKING LO	T & PLAYGROUND			
3	REVISIONS REVISIONS						EAST PROVIDENCE	RHODE ISLAND			
2	NO.	DATE	BY	NO.	DATE	BY					
2											
15							T STANDARD PLAN SYMBOL & LEGEN				

	GENERAL NOTES:		DRAINAGE AI
1.	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.	1.	FOR ALL PROJECTS WI TO DEVELOP AND ENFO (SWPPP) IN ORDER TO
2.	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.		STORMWATER DISCHAF SHALL READ, BECOME AND STIPULATIONS OF PROJECT. COPIES OF 1 DOCUMENTS. ALL COS
3.	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.	2.	CONSIDERED INCIDENT ASSOCIATED BID ITEM(NO UNDISTURBED ARE/ ANY CALENDAR YEAR O DISTURBED SOILS EXPO OR PROTECTED BY THA STABILIZATION, AS DET
ŀ.	ALL R.I. STD. 9.9.0 CONSTRUCTION ACCESS ROADS SHALL BE CONSTRUCTED PRIOR TO ANY ROADWAY ACCEPTING CONSTRUCTION TRAFFIC.		EROSION CONTROL MA CONTAINED WITHIN THI
5.	THE FREQUENCY AND APPLICATION RATES FOR THE DUST CONTROL ITEMS WILL BE AS DIRECTED BY THE ENGINEER.		APRIL 15, CARE MUST E WORK IS EXPOSED, AN
	ALL SIDEWALK AND DRIVEWAYS DESIGNATED FOR REPLACEMENT SHALL BE CUT AND MATCHED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.		PROVISION SHALL BE T PAYMENT FOR THIS PR OPERATIONS, STABILIZ
-	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	3.	ACHIEVED WITHIN 2 WE STOCKPILES OF MATER ZONE AREAS. THEY SHA ERODABLE MATERIAL S
	CODE 403.0300 "ASPHALT EMULSION TACK COAT." THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL	ч.	ALL SLOPES ADJACENT WATER QUALITY BASIN
	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	5.	SEEDING ON ALL SLOPE APPLICATIONS UNLESS
).	UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO STOCKPILE REMOVED		ADHESIVE MULC
0.	CLEANING AND SWEEPING OF PAVEMENT WILL INCLUDE REMOVAL OF ALL PAVEMENT DEBRIS PRIOR TO THE PLACEMENT OF EACH BITUMINOUS PAVEMENT LIFT ALL OF EANING AND	6.	JUTE MESH
1.	SWEEPING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.	7.	2 WEEKS OR THROUGH PRIOR TO DRAINAGE AN
2.	MODIFIED BY THE ENGINEER. THE COORDINATE SYSTEM, IF SHOWN, IS THE RHODE ISLAND STATE PLANE COORDINATE		VERIFYING THE LOCATI STRUCTURES WHICH A BE BROUGHT TO THE E
3.	SYSTEM. PAVEMENT OPERATIONS FOR CURBED SECTIONS: IN AREAS WHERE CURBING IS SET TO FINISH	8.	ALL DRAINAGE AND UTI
	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.	9.	DURING CONSTRUCTIO
4.	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.	10	WORK AREA. CATCH BASIN RIM GRAI GRADE. RIM ELEVATION AND GRATES 0.1' BELO
5.	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.	11.	THE ENGINEER. PROVISIONS FOR CLEA THE CLOSED DRAINAGE
6.	THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT AT THE END OF FINAL PAVING OPERATIONS, FLOW TO EXISTING DRAINAGE STRUCTURES HAS BEEN REESTABLISHED AND		ANY VEGE LESS THAN 3" D
	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.		NO HEAVY EQUIP OR RIVERBANK WETL/
7.	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.	12	THE CONTRACTOR SHA PRIOR TO CLEANING AN SHALL REMAIN IN PLAC LOCATIONS WHERE PIP 9.1.0 0R 9.3.0) SHALL BE
8.	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.		REMOVED AND DISPOS REMOVED. IF OUTLET P OF THE LAST DRAINAGE MATERIALS FLUSHED F STRUCTURE, THE OUTL
9.	THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN THE ENVIRONMENTAL APPROVALS	13	R.I. STD. 9.8.0 BALED HA INLETS WHENEVER SUE
	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).	14.	WHERE BALED HAY INL SHALL BE REMOVED AT ORDER TO PREVENT CI
0.	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).		
.1.	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.		
2.	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.		
3.	ALL WORK TO BE DONE WITHIN THE STATE HIGHWAY RIGHT OF WAY (ROW) SHALL CONFORM TO THE RHODE ISALAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION (AMENDED MARCH 2018) WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE R.I. STANDARD DETAILS 2998 EDITION (AMENDED JUNE 2019) WITH ALL REVISIONS		

INAGE AND EROSION CONTROL NOTES:

PROJECTS WITH AT LEAST ONE(1) ACRE OF SOIL DISTURBANCE. R.I.D.O.T. IS REQUIRED ELOP AND ENFORCE A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN IN ORDER TO REMAIN IN COMPLIANCE WITH THE RIPDES GENERAL PERMIT FOR VATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR EAD, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, PULATIONS OF THE GENERAL PERMIT AND THE SITE SPECIFIC SWPPP FOR THIS . COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT ENTS. ALL COSTS ASSOCIATED WITH ADHERENCE TO THE SWPPP SHALL BE RED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ATED BID ITEM(S).

STURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ENDAR YEAR OR DURING ANY PERIOD OF FULL OR LIMITED WINTER SHUTDOWN, ALL BED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED TECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE ATION, AS DETERMINED BY THE RESIDENT ENGINEER OR ENVIRONMENTAL INSPECTOR. MBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF I CONTROL MATTING OR HAY MULCH, IN ACCORDANCE WITH SPECIFICATIONS NED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK JES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH , CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S EXPOSED, AND ALL ERODIBLE SOIL MUST BE RESTABILIZED WITHIN 5 WORKING DAYS. RK TO CORRECT PROBLEMS RESULTING FROM FAILURE TO COMPLY WITH THIS ON SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL BE NO SEPARATE T FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION IONS. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE D WITHIN 2 WEEKS OF FINAL GRADING.

ILES OF MATERIAL SHALL NOT BE LOCATED WITHIN REGULATED WETLANDS OR BUFFER REAS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES OF LE MATERIAL SHALL ALSO BE SEEDED AND RINGED WITH R.I. STD. 9.1.0 TO STABILIZE.

SH SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM IN ALL DITCHES, ON PES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN QUALITY BASINS. JUTE MESH IN DITCHES SHALL EXTEND TO AN ELEVATION 2 FEET HE BOTTOM OF THE DITCH.

ON ALL SLOPES 3 TO 1 OR STEEPER SHALL CONSIST OF THE FOLLOWING TIONS UNLESS CHANGED IN THE CONTRACT.

DHESIVE MULCH STABILIZER

TATED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF OR THROUGH THE INACTIVE WINTER SEASON.

) DRAINAGE AND UTILITY CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR NG THE LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING PIPES AND/OR JRES WHICH ARE TO BE CONNECTED. ANY VARIATION FOUND FROM THE PLANS MUST JGHT TO THE ENGINEER'S ATTENTION PRIOR TO DRAINAGE AND UTILITY UCTION. WORK CAN COMMENCE ONLY UPON THE ENGINEER'S AUTHORIZATION.

INAGE AND UTILITY STRUCTURES WITHIN THE PAVED ROADWAY SHALL BE ADJUSTED TO WITH THE SURROUNDING PAVEMENT PRIOR TO THE WINTER SHUTDOWN.

CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING GE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE

ASIN RIM GRADES NOTED ON PLANS ARE DEPRESSED 0.1' LOWER THAN THE GUTTER RIM ELEVATIONS SHOWN ARE FINAL GRADES. THE CONTRACTOR SHALL PLACE FRAMES ATES 0.1' BELOW THE GRADE CONSTRUCTED IN THIS CONTRACT OR AS DIRECTED BY

ONS FOR CLEARING TO ACCESS OUTFALLS DURING THE CLEANING AND FLUSHING OF SED DRAINAGE SYSTEM SHALL BE KEPT TO A MINIMUM.

ANY VEGETATIVE CLEARING SHALL BE LIMITED TO BRUSH AND TREES ESS THAN 3" DIAMETER.

HEAVY EQUIPMENT MAY ENCROACH UPON VEGETATED PERIMETER ERBANK WETLANDS AS WELL AS BIOLOGICAL WETLANDS.

ITRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES FOR OUTLET PROTECTION O CLEANING AND FLUSHING STORM WATER DRAINAGE. EROSION CONTROL DEVICES EMAIN IN PLACE UNTIL ALL FLUSHED SEDIMENTS ARE REMOVED. AT ALL OUTFALL INS WHERE PIPES ARE TO BE CLEANED AND FLUSHED, OUTLET PROTECTION (R.I. STD. 0.3.0) SHALL BE INSTALLED TO TRAP SEDIMENTS. THESE SEDIMENTS SHALL THEN BE D AND DISPOSED OF LEGALLY BEFORE THE OUTLET PROTECTION DEVICES ARE D. IF OUTLET PROTECTION AT THE OUTFALL IS NOT FEASIBLE, THEN THE OUTLET PIPE LAST DRAINAGE STRUCTURE TO BE CLEANED SHALL BE PLUGGED TO CAPTURE ALL ALS FLUSHED FROM PIPES. AFTER THE MATERIALS ARE REMOVED FROM THE DRAINAGE URE, THE OUTLET SHALL BE UNPLUGGED TO RESUME NORMAL FUNCTIONING.

9.8.0 BALED HAY INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS AND HENEVER SUBBASE IS EXPOSED, AND SHALL REMAIN IN PLACE UNTIL THE ABUTTING SURFACES ARE STABILIZED.

BALED HAY INLET PROTECTION AND SILT FENCES ARE USED AT CATCH BASINS, THEY E REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY THE ENGINEER IN TO PREVENT CLOGGING OF THE INLET.

DRAINAGE AND EROSION CONTROL NOTES (CONT

- 15. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATI SHALL BE INSTALLED AT THOSE AREAS INDICATED ON THE PLANS. CLEARING MAY TO INSTALLATION OF SUCH CONTROLS, HOWEVER NO GRUBBING, GRADING, FILL SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION. THE LIMITS OF CLEAF SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS.
- 16. ALL HAY BALES, SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE ACCEPTABLE STAND OF GRASS IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDIN TO MINIMIZE EROSION. TEMPORARY SEED WILL CONFORM TO R.I.D.O.T. STANDARD SEED MIX.
- 17. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVE THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO
- 18. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPECIFIED IN SUBSE OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- 19. ADDITIONAL EROSION CONTROLS, SHALL BE INSTALLED AS DIRECTED BY THE RE ENGINEER. THESE ADDITIONAL ITEMS WILL BE PAID AT THE UNIT PRICE FOR THAT

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LANDSCAPE NOTES:

- 1. ALL PLANT MATERIAL MUST BE TAGGED AT THE NURSERY (A RECOGNIZED GROWER OF PLANT MATERIAL) IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION. ALL PLANT MATERIAL MUST BE NURSERY GROWN; NO PLANTATION GROWN PLANT MATERIAL WILL BE ACCEPTED.
- 2. ALL PLANT SUBSTITUTIONS AND/OR CHANGES IN PLANT LOCATION MUST BE APPROVED IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- ANY TOPSOIL USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY 3. FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL CONFORM TO SECTION M.18 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- ALL TREES AND SHRUBS SHALL BE MULCHED WITH PINE BARK MULCH IN ACCORDANCE WITH 4. THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- 5. ALL TREES AND/OR SHRUBS THAT ARE PLANTED AS A BED SHALL BE MULCHED AS A BED.
- PROVIDE A MINIMUM 6'-8" BRANCHING STANDARD ON ALL TREES INSTALLED ADJACENT TO 6. SIDEWALKS AND/OR PEDESTRIAN ACCESS AREAS.

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CONSTRUCTION DRAWINGS AND DETAILS



STRUCTURAL NOTES FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS:

RT DESIGNS AND ASSOCIATED SHOP DRAWING REVIEWS SHALL BE IN ANCE WITH THE LATEST EDITION, OF THE AASHTO STANDARD TIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES FIC SIGNALS (THE "SPECIFICATIONS"), INCLUDING THE LATEST INTERIM TIONS, EXCEPT AS MODIFIED HEREIN.

1. THE FOLLOWING NOTES SHALL BE INCLUDED ON ALL PLANS AND/OR SHOP DRAWINGS IN REFERENCE TO ANCHOR BOLTS:

> "PRETENSIONING OF ALL ANCHOR NUTS IS REQUIRED, AND SHALL BE ACCOMPLISHED BY TIGHTENING TO 1/6TH TURN BEYOND THE SNUG-TIGHT POSITION."

"THE MAXIMUM CLEARANCE BETWEEN THE BOTTOM OF THE LEVELING NUTS AND THE TOP OF THE CONCRETE IS CRITICAL AND SHALL NOT EXCEED THE AMOUNT SPECIFIED ON THIS DRAWING."

2. THE USE OF GROUT UNDER BASE PLATES SHALL GENERALLY NOT BE PERMITTED. IF SPECIFIC CONDITIONS WARRANT ITS USE, THE GROUT SHALL NOT BE CONSIDERED LOAD CARRYING; LOADS SHALL BE DIRECTLY SUPPORTED BY THE ANCHOR BOLTS. ADEQUATE DRAINAGE SHALL BE PROVIDED.

3. THE DAMPENING EFFECTS OF VIBRATION MITIGATION DEVICES SHALL NOT BE CONSIDERED IN THE DESIGN OF STRUCTURAL SUPPORTS FOR SIGNS AND TRAFFIC SIGNALS. IF THE CONTRACTOR CHOOSES TO USE THESE DEVICES FOR WARRANTY PURPOSES, THE TYPE OF DEVICES PROPOSED SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO FABRICATION OF SUPPORTS.

MAINTENANCE AND PROTECTION OF TRAFFIC NO

- 1. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELIZING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL (UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- ALL SIGN MOUNTINGS FOR TEMPORARY AND CONSTRUCTION SIGNS SHALL BE 2. ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITIO
- THE CONTRACTOR SHALL COVER ALL EXISTING AND/OR TEMPORARY SIGNS TH 3. ARE NOT RELEVANT TO THE TRAFFIC CONTROL REQUIRED DURING ANY PARTIC STAGE OF THE CONTRACT.
- ADVANCE FLAGPERSON SIGNS (W20-7A) SHALL BE USED IN ADVANCE OF ANY F 4 AT WHICH A FLAGPERSON OR A POLICE OFFICER HAS BEEN STATIONED TO CO TRAFFIC. WHEN NEEDED, AN APPROPRIATE DISTANCE MESSAGE MAY BE DISPL ON A SUPPLEMENTAL PLATE (24"x18") BELOW THE FLAGPERSON SYMBOL SIGN. SIGN SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE FLAGPERS NOT AT THE STATION.
- POLICE OFFICERS (AND NOT FLAGPERSONS) SHALL BE UTILIZED WHEN WORK 5. IMPACT SIGNALIZED INTERSECTIONS AND LIMITED ACCESS HIGHWAYS.
- POLYETHYLENE DRUMS SHALL BE UTILIZED AS A CHANNELIZING DEVICE WHEN 6. TRAFFIC CONTROL SET-UP IS TO REMAIN BEYOND WORKING HOURS WHEN NO WORKERS ARE PRESENT. CONES SHALL BE UTILIZED WHEN A TRAFFIC CONTR SET-UP IS TO REMAIN ONLY DURING WORKING HOURS AND IS SUBSEQUENTLY BROKEN DOWN AT THE END OF THE WORKDAY.
- ARROW PANELS SHALL BE SET IN THE FLASHING FOUR CORNERS CAUTION MO 7. UNLESS UTILIZED FOR A MERGING TAPER. ARROW PANELS SET IN THE FLASHIN ARROW MODE SHALL NOT BE UTILIZED FOR LANE SHIFTS.
- TEMPORARY CONSTRUCTION SIGNS AND OTHER WORKZONE TRAFFIC CONTRO 8. DEVICES THAT ARE DAMAGED OR REQUIRE RELOCATION SHALL BE REPLACED OR RELOCATED UNDER THE PAY ITEM FOR "MAINTENANCE AND MOVEMENT TR PROTECTION."
- 9. THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED THE TRAVEL LANES OR SHOULDERS. THEY MAY BE PARKED WITHIN THE STATE RIGHT-OF-WAY ONLY IN AREAS 30' BEYOND THE OUTSIDE EDGE OF THE TRAVEI LANES AND/OR IN AREAS APPROVED BY THE ENGINEER.
- 10. TEMPORARY CONSTRUCTION SIGNS AND OTHER TEMPORARY TRAFFIC CONTR DEVICES SHALL BE INSTALLED PRIOR TO THE START OF WORK IN ANY AREA OF TRAFFIC, AND SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE N LONGER APPROPRIATE.

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ABBREVIATIONS

ABAN

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PROJ PL PROP

R

R&D REM REMOD

ABANDON	RFT	RETAINING
ADJUST	R&R	REMOVE AND RESET
APPROXIMATE	R&S	REMOVE AND STACK
BASELINE	PT	
BENCH MARK		
BITUMINOUS		
BITUMINOUS BERM	RU	RUAD
	SHI	SHEET
BITOMINOUS CURB	SHLDR	SHOULDER
BOTTOM OF CURB	SDWK	SIDEWALK
BOTTOM OF SLOPE	SB	SOUTH BOUND OR STONE BOUND
BOTTOM OF WALL	SHL	STATE HIGHWAY LAYOUT LINE
BOUND	STA	STATION
BUILDING	SSD	STOPPING SIGHT DISTANCE
CEMENT	TAN	TANGENT
CENTER LINE	Т	TANGENT DISTANCE OF CURVE/TRUCK PERCENTAGE
CHAIN LINK FENCE	TEB	TEMPORARY EASEMENT BOUNDARY
CONCRETE	TEMP	TEMPORARY
CONTINUOUS	TOC	TOP OF CURB
CONSTRUCTION	TOS	TOP OF SLOPF
COUNTY	TOW	TOP OF WALL
DELTA ANGLE (CENTRAL ANGLE OF HORIZ CURVE)	TP	
DESIGN HOURLY VOLUME		
DRIVEWAY		
	VAR	VARIABLE
EDCE OF DAVEMENT	VERI	VERTICAL
	VC	VERTICAL CURVE
	WB	WEST BOUND
EDGE OF TRAVEL WAY	WCR	WHEELCHAIR RAMP
EXISTING	WD	WOOD
FIELDSTONE	CB	CATCH BASIN
FOUNDATION	CBCI	CATCH BASIN WITH CURB INLET
GARAGE	CIP	CAST IRON PIPE
GRANITE	CL	CLASS (PIPE, CONCRETE, EXCAVATION, ETC)
GRAVEL	COND	CONDUIT
GROUND	CAP	CORRUGATED ALUMINUM PIPE
HORIZONTAL	CMP	CORRUGATED METAL PIPE
HOT MIX ASPHALT	CPP	CORRUGATED PLASTIC PIPE
HOUSE	CSP	CORRUGATED STEEL PIPE
IRON PIPE		
JUNCTION		
IFFT		
LENGHT OF CURVE		CURB STOP
		DUCTLE IRON PIPE
	EL (OR ELEV)	ELEVATION
	FM	FORCE MAIN
	F&C	FRAME AND COVER
	F&G	FRAME AND GRATE
NORTH BOUND	GIP	GALVANIZED IRON PIPE
NOT TO SCALE	GG	GAS GATE
ON CENTER	GI	GUTTER INLET
PAVEMENT	HDWL	HEADWALL
PERMANENT EASEMENT BOUNDARY	HYD	HYDRANT
PLANTABLE SOIL BORROW	INV	INVERT ELEVATION
POINT OF COMPOUND CURVATURE	LP	LIGHT POLE
POINT OF CURVATURE	LPS	LOW PRESSURE SERVICE CONNECTION
POINT OF REVERSE CURVATURE	MH	MANHOLF
POINT OF INTERSECTION	PVC	
POINT OF TANGENCY		DAVED WATER WAY
POINT OF VERTICAL CURVATURE		PAVED WATER WAT
POINT OF VERTICAL INTERSECTION	RQD	REMOVE & DISFUSE REINFORCED CONCRETE DIDE (CLASS III LINIESS NOTED)
POINT OF VERTICAL TANGENCY	RCP	REINFORCED CONCRETE PIPE (CLASS III UNLESS NOTED)
	5	SANITARY SEWER OR SERVICE CONNECTION
PROFILE GRADE LINE	SMH	SEWER MANHOLE
	SD	SUBDRAIN
	TS	TRAFFIC SIGNAL
	TSC	TRAFFIC SIGNAL CONDUIT
RADIUS OF CURVATURE	UP	UTILITY POLE
REMOVE & DISPOSE	VCP	VITRIFIED CLAY PIPE
REMOVE	WG	WATER GATE
REMODEL	WM	WATER METER / WATER MAIN

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YMENT LIMITS							
TEMPORAR PAVEMEN IN F	Y TRENCH IT WIDTH EET	PERMANENT TRENCH PAVEMENT WIDTH IN FEET*					
TRENCH	DEPTH	TRENCH	DEPTH				
< OR = 10'	> 10' TO 20'	< OR = 10'	> 10' TO 20'				
6.00	7.00	8.00	9.00				
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6.50	7.50	8.50	9.50				
6.75	7.75	8.75	9.75				
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	CLASS B ROCK EXCAVATION									
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	12 AND SMALLER	28.00								
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юті	E: MAXIMUM 6" ROCK	EXCAVATION BELOW	PIPE.							



1. SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE STANDARD SPECIFICATIONS. 2. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC, (M1146)"FROM'-0" EDGE OF CURB FACE.

CONSTRUCTION ENTRANCE MIN. 5" WIDTH AS REQUIRED

NOTES: 1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS. 2. THE CONTRACTOR MAY CUT EXISTING CURB SECTIONS AS REQUIRED TO MEET THIS

DETAIL AND THE R.I. STANDARD SPECIFICATIONS, WHERE OLD CURBING IS BEING REUSED. 3. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

CIRCULAR CURB

NOTES: 1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS. 2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT. 3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE 3'-0".

4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF OR LESSSOSTRAIGHT CURB TO BE USED ON CURVES OF MORE THAN RADIOS-0"

> RI GRANITE CURB (STANDARD 7.3.0 NOT TO SCALE

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DIAMETER OF PIPE	A	С	D	E	CU. FT. CONCRET
DIAMETER OF PIPE 6"-12"	A 3'-0"	C 2'-2"	D 1'-0"	E -	CU. FT. CONCRETE 13.2
DIAMETER OF PIPE 6"-12" 1'-3"	A 3'-0" 3'-9"	C 2'-2" 2'-5"	D 1'-0" 1'-3"	E - -	CU. FT. CONCRETE 13.2 17.2
DIAMETER OF PIPE 6"-12" 1'-3" 1'-6"	A 3'-0" 3'-9" 4'-6"	C 2'-2" 2'-5" 2'-8"	D 1'-0" 1'-3" 1'-6"	E - -	CU. FT. CONCRETE 13.2 17.2 21.5
DIAMETER OF PIPE 6"-12" 1'-3" 1'-6" 1'-9"	A 3'-0" 3'-9" 4'-6" 5'-3"	C 2'-2" 2'-5" 2'-8" 2'-11"	D 1'-0" 1'-3" 1'-6" 1'-9"	E - - -	CU. FT. CONCRETE 13.2 17.2 21.5 26.0

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	ТЕХТ	DIMENSIONS (in)				COLOR			POST SIZE AND	UNIT AREA IN	AREA IN	
ΗT	TEXT	LETTER HEIGHT	VERTICAL SPACING	ARROW	REQUIRED	BACK- GROUND	LEGEND	BORDER	NUMBER REQUIRED	SQUARE FEET	FEET	
i	NO PARKING ANY TIME	SEE 2009 MUTCD STANDARDS			1	WHITE	RED	RED	P-5 1	1.5	1.5	

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¹⁰⁷³³_V1_009_CONS PLAN

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Meaning of Symbols on Typical Application Diagrams

Meaning of Letter Codes on Typical Application Diagrams

Distance Between Signs** Road Type A Urban (low speed)* 100 feet 100 feet Urban (high speed)* 350 feet 350 feet 500 feet 500 feet Rumi 1,500 leat Expressway / Freeway 1,000 feet Speed category to be determined by highway agency

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** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Where: L = taper length in leet W = width of offset in feet S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Temporary barrier with warning light

**	
С	
100 te	et
350 fe	et
500 fo	ot
2,640 %	tee

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		FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			RI		2023	14	15
DEVICES IN THE 100' MAX.							
TRAFFIC SECTION IS EQUAL IN FEET	d. 27.1.1 TO. FOR SIZES						
ET UNLESS OTHERWISE MEASURED FROM THE EDGE ORARY BARRIER.	STALL LOCATION)						
ADVANCE WARNING SIGNS							
ROL DEVICES SHALL BE	DAD						
W20-7g W20-4	W20-1						
UFFER 100'	120-1						
PACE MAX. A B C							
SHOULDER	<u> </u>						
	-						
	=						
BUFFER	LENGTHS						
	Upstream Buffer Space* (Feet)						
C C	55 85						
S IRAL AREA 100 100 100 35 MPH 40 MPH	120 170						
ATER 350 350 350 45 MPH	220						
* Suggested							
TYPICAL LANE CLOSURE							
TWO-LANE ROADWAY							
T TO SCALE DATE: 12-	-23-08						
: LTD/BFB SCALE: NONE							
, NBI	AILANTHUS AVENUE F	PARKI	NG L	OT & PLA	(GRC	DUN	D

NBI							AILANTHUS AVENUE PARKING LO	F & PLAYGROUND
	REVISIONS REVISIONS			REVISION	S	EAST PROVIDENCE	RHODE ISLAND	
14	NO.	DATE	BY	NO.	DATE	BY		
15							TEMP. TRAFFIC CONT	RUL PLAN

PLANTING AREA	<u>2</u>					
	KEY	QTY	BOTANICAL	COMMON	SIZE	REMARKS
TREES						
	ARO	1	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2-2.5" CAL.	B&B
	AR	2	ACER RUBRUM	RED MAPLE	2-2.5" CAL.	B&B
	CL	9	CUPRESSUS X 'LEYLANDII'	LEYLAND CYPRESS	6 - 8' HT.	B&B
	LS	2	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILLHOUETTE'	COLUMNAR SWEETGUM	2-2.5" CAL.	B&B
SHRUBS						
	IG	3	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	3 GAL.	CONT.
	CA	5	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SWEET SUMMER CLETHRA	3 GAL.	CONT.
	KL	8	KALMIA LATIFOLIA	MOUNTAIN LAUREL	3 GAL.	CONT.
PERENNIALS						
	JS	20	JUNIPERUS SQUAMATA 'BLUESTAR'	BLUE STAR JUNIPER	1 GAL.	CONT.
	RG	12	RUDBECKIA 'GOLDSTURM'	BLACK EYED SUSAN	1 GAL.	CONT.
	PV	10	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	1 GAL.	CONT.
	LB	7	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILY TURF	1 GAL.	CONT.
	СМ	7	COREOPSIS X 'MOONBEAM'	TICKSEED COREOPSIS	1 GAL.	CONT.

PLANTING AREA 1								
	KEY	QTY	BOTANICAL	COMMON	SIZE	REMARKS		
TREES								
	AR	3	ACER RUBRUM	RED MAPLE	2-2.5" CAL.	B&B		
	LT	2	LIRIODENDRON TULIPIFERA	TULIP TREE	2-2.5" CAL.	B&B		
	QP	2	QUERCUS PALUSTRIS	PIN OAK	2-2.5" CAL.	B*B		

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