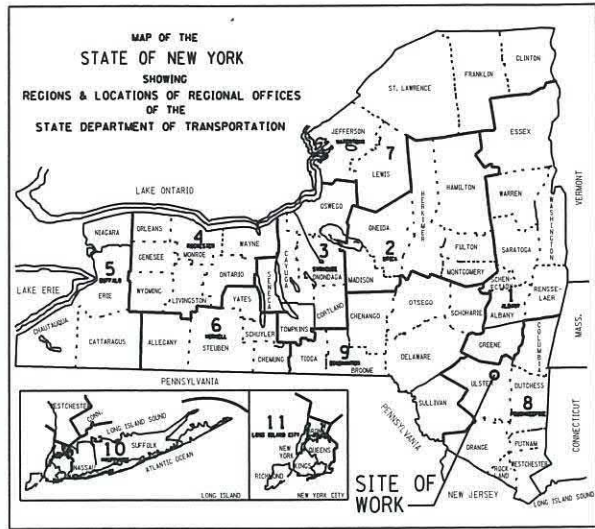


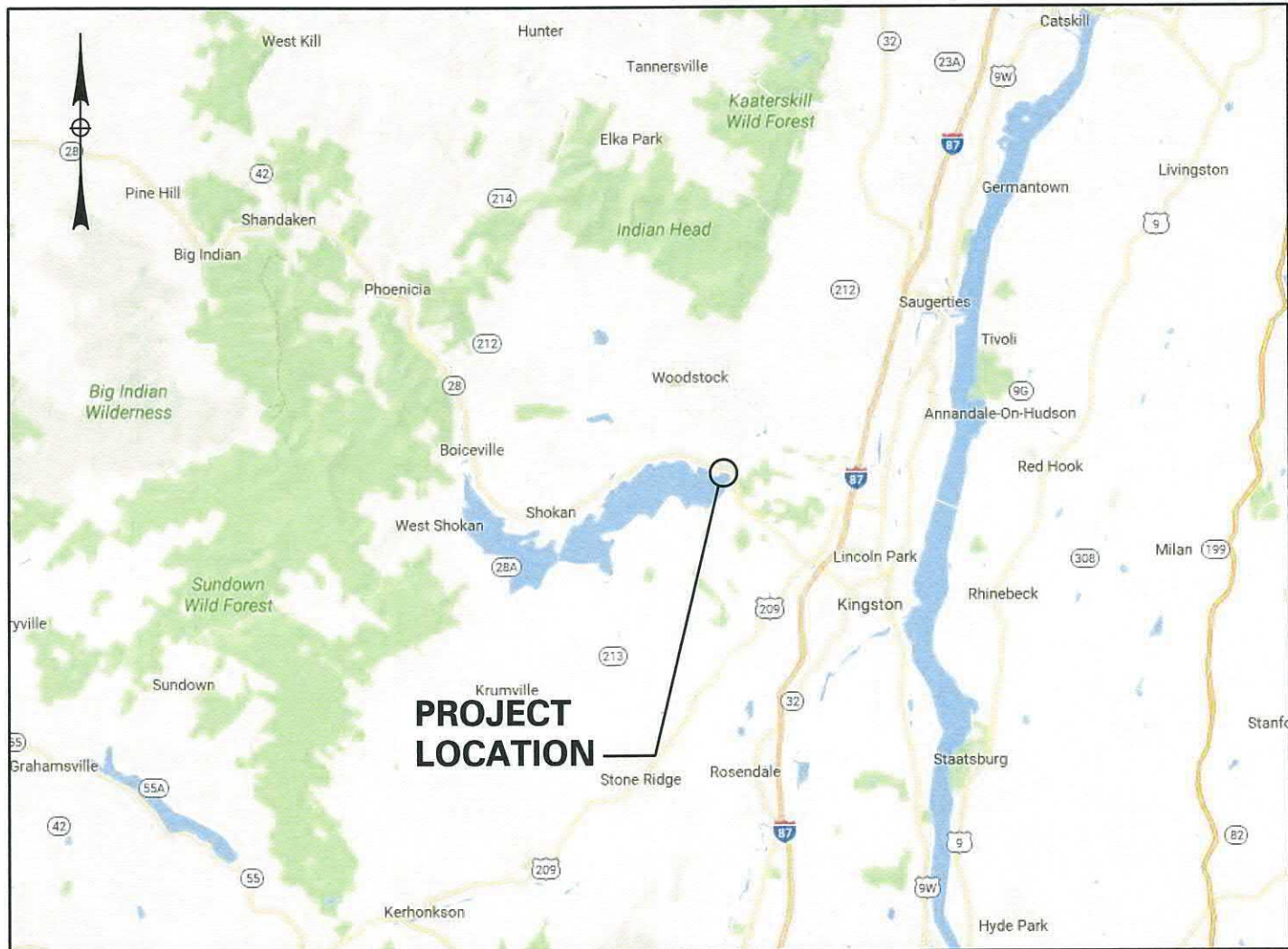
FILE NAME = L:\MSTN Projects\0300\369.007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Final Plans\001_369007001_Cov.dgn
DATE = 4/17/2019
TIME = 2:05:52 PM
cmh
L:\MicroStation\Bentley V8i\WorkSpace\Plot\Site\NYSOOT_SIZE.B.TBL
L:\MicroStation\WorkSpace\Plot\NYSOOT\NYSOOT_LJ5000.B.04.plt

DESIGNED BY **SRB** CHECKED BY **CMH** DRAFTED BY **SRB** CHECKED BY **CMH** ESTIMATED BY **SRB** IN CHARGE OF **SRB**



ASHOKAN RAIL TRAIL WOODSTOCK DIKE TRAILHEAD ULSTER COUNTY

CONSTRUCTION DRAWINGS APRIL, 2019 Revised June 19, 2019



PROJECT LOCATION

LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL". THESE PLANS ARE SUBMITTED IN ACCORDANCE WITH THE HIGHWAY LAW AND STANDARD SPECIFICATIONS OFFICIALLY FINALIZED AND ADOPTED ON JANUARY 01, 2018 AS POSTED ON THE DEPARTMENT'S WEBSITE.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Barton & Loguidice

SURVEY AND MAPPING PROVIDED BY:

BROOKS & BROOKS, PC
SURVEYING, PLANNING, GIS

PREPARED AND RECOMMENDED BY



THOMAS C. BAIRD, P.E. DATE
NEW YORK STATE PROFESSIONAL ENGINEERS LICENSE NO. 074590

ASHOKAN RAIL TRAIL			
ULSTER COUNTY			
SUBMISSION: CONSTRUCTION DRAWINGS			
FED. ROAD REG. NO.	STATE	SHEET NO.	TOTAL SHEETS
	N.Y.	1	20
FEDERAL AID PROJECT NO.			
CAPITAL PROJECT IDENTIFICATION NO. RFB-UC19-140C			
INDEX ON SHEET NO. 2			

CONTRACTOR'S NAME _____
AWARD DATE _____
COMPLETION DATE _____
FINAL ACCEPTANCE DATE _____
ENGINEER IN CHARGE _____
FINAL COST TOTAL _____
FISCAL SHARE _____ COST(S) _____

FILE NAME = L:\WINSTN\Projects\03000\369,007 - Ashokan Rail Trail\WSTN\Woodstock Trailhead\Woodstock Trailhead Construction\002_369007002.dwg
DATE = 5/19/2019
TIME = 8:41:04 AM
L:\MicroStation\Bentley V8i\Workspace\Plot\SITE_NYSDOT_SIZE_B.dwg
L:\MicroStation\Bentley V8i\Workspace\Plot\755cm-Albany.dwt

IN CHARGE OF _____ TCB _____ DESIGNED BY _____ ERB _____ CHECKED BY _____ CMH _____ DRAFTED BY _____ CMH _____ ERB _____ CHECKED BY _____ CMH _____

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRG	BEARING
C	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT	EXTERNAL
HCL	HORIZONTAL CONTROL LINE
HSD	HEADLIGHT SIGHT DISTANCE
L	LENGTH OF CIRCULAR CURVE
LS	LENGTH OF SPIRAL
LVC	LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
M	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
POL	POINT ON LINE
PSD	PASSING SIGHT DISTANCE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
SC	SPIRAL TO CURVE
SSD	STOPPING SIGHT DISTANCE
ST	SPIRAL TO TANGENT
STA	STATION
T	TANGENT LENGTH
TGL	THEORETICAL GRADE LINE
TS	TANGENT TO SPIRAL
VC	VERTICAL CURVE
UTILITIES	
ABBR.	DESCRIPTION
E	ELECTRIC
EMH	ELECTRIC MANHOLE
G	GAS
GP	GUY POLE
GSB	GAS SERVICE BOX (HOUSE LINE)
GV	GAS VALVE (MAIN LINE)
HYD	HYDRANT
LP	LIGHT POLE
LPG	LOW PRESSURE GAS
PP	POWER POLE
SA	SANITARY SEWER
SMH	SANITARY MANHOLE
ST	STORM SEWER
T	TELEPHONE
TCB	TRAFFIC CONTROL BOX
TELBOX	TELEPHONE BOX
TEL P	TELEPHONE POLE
TMH	TELEPHONE MANHOLE
CTV	CABLE TELEVISION
W	WATER
WSB	WATER SERVICE BOX (HOUSE LINE)
WV	WATER VALVE (MAIN LINE)

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019

TOPOGRAPHY (DRAINAGE)	
ABBR.	DESCRIPTION
BB	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
BO	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CIP	CAST IRON PIPE
C STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV	ELEVATION
ELW	EXTREME LOW WATER
ES	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
SUBSURFACE EXPLORATION	
ABBR.	DESCRIPTION
REPLACE ABBREVIATION "AB" WITH:	
AH	HAND AUGER
CP	CONE PENETROMETER
DA	60 mm CASED DRILL HOLE
DM	DRILLING MUD
DN	100 mm CASED DRILL HOLE
FH	HOLLOW FLIGHT AUGER
PA	POWER AUGER
PH	PROBE
PT	PERCOLATION TEST HOLE
RP	25 mm SAMPLER (RETRACTABLE PLUG)
	TO BE DEFINED AT THE TIME OF EXPLORATION
SP	SEISMIC POINT
TP	TEST PIT
REPLACE ABBREVIATION"C"IN CATEGORIES: DA, DM, DN AND FH WITH:	
B	BRIDGE
C	CUT
D	DAM
F	FILL
K	CULVERT
W	WALL
X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE

TOPOGRAPHY (MISCELLANEOUS)	
ABBR.	DESCRIPTION
ABUT	ABUTMENT
AOBE	AS ORDERED BY ENGINEER
ASPH	ASPHAL T
BDY	BOUNDARY
BLDG	BUILDING
BM	BENCH MARK
CC	CENTER TO CENTER
CONC	CONCRETE
CONST	CONSTRUCTION
CR	COUNTY ROAD
D	DEED DISTANCE
DM	DIRECT MEASUREMENT
DWY	DRIVEWAY
EP	EDGE OF PAVEMENT
ES	EDGE OF SHOULDER
FEE	FEE ACQUISITION
FEE WO/A	FEE ACQUISITION WITHOUT ACCESS
FP	FENCE POST
FD	FOUNDATION
FL	FENCE LINE
GAR	GARAGE
GR	GRAVEL
HO	HOUSE
HWY	HIGHWAY
IP	IRON PIN OR IRON PIPE
NB	MAILBOX
MON	MONUMENT
N&W	NAIL AND WASHER
OG	ORIGINAL GROUND
O/H	OVERHEAD
P	PARCEL
PAV'T	PAVEMENT
PE	PERMANENT EASEMENT
PED POLE	PEDESTRIAN POLE
P	PROPERTY LINE
POR	PORCH
RR	RAILROAD
RTE	ROUTE
ROW	RIGHT OF WAY
RW	RETAINING WALL
SH	STATE HIGHWAY
SHLDR	SHOULDER
SPK	SPIKE
ST	STREET
STK	STAKE
STY	STORY
SW	SIDEWALK
TE	TEMPORARY EASEMENT
TO	TEMPORARY OCCUPANCY
U/G	UNDERGROUND
WW	WING WALL

WOODSTOCK DIKE TRAILHEAD DRAWING INDEX		
DWG. NO.	SHEET TITLE	SHEET NO.
COV-1	COVER SHEET	1
IND-1	INDEX ABBREVIATIONS & HORIZONTAL CONTROLS	2
LE-1 TO LE-2	LEGEND	3-4
GCN-1	GENERAL CONSTRUCTION NOTES	5
ESCN-1	EROSION AND SEDIMENT CONTROL NOTES	6
TS-1 TO TS-2	TYPICAL SECTIONS	7-8
MD-1 TO MD-4	MISCELLANEOUS DETAILS	9-12
ESCD-1 TO ESCD-2	EROSION AND SEDIMENT CONTROL DETAILS	13-14
WZTC-1	WORK ZONE TRAFFIC CONTROL NOTES	15
PL-1 TO PL-4	PLAN SHEETS	16-19
EQ-1	ESTIMATE OF QUANTITIES	20

HORIZONTAL CONTROL TABLE				
POINT	COORDINATES			DESCRIPTION
	STATION	NORTHING	EASTING	
("W" ALIGNMENT)				
P.O.B.	W 10+00.00	1151688.737	601751.416	BEGIN WOODSTOCK TRAILHEAD ALIGNMENT
P.C.	W 15+26.32	1151680.614	602277.672	P.C. CURVE W 1
P.I.	W 10+19.72 BK	1151680.461	602287.538	P.I. CURVE W 1
	W 20+52.64 AH			(R = 200.00)
P.T.	W 15+46.04	1151679.339	602297.341	P.T. CURVE W 1
P.C.	W 16+02.64	1151672.898	602353.577	P.C. CURVE W 2
P.I.	W 16+44.09 BK	1151667.270	602402.720	P.I. CURVE W 2
	W 16+59.24 AH			(R = 300.00)
P.T.	W 17+00.69	1151677.716	602451.068	P.T. CURVE W 2
P.C.	W 17+89.82	1151696.539	602538.188	P.C. CURVE W 3
P.I.	W 17+51.33 BK	1151701.906	602563.025	P.I. CURVE W 3
	W 18+78.95 AH			(R = 250.00)
P.T.	W 18+40.46	1151702.165	602588.433	P.T. CURVE W 3
P.C.	W 21+80.37	1151705.636	602928.327	P.C. CURVE W 4
P.I.	W 22+32.55 BK	1151706.137	602977.377	P.I. CURVE W 4
	W 22+05.78 AH			(R = 50.00)
P.T.	W 22+57.96	1151755.187	602977.815	P.T. CURVE W 4
P.O.E.	W 27+56.12	1152253.333	602982.257	END WOODSTOCK TRAILHEAD ALIGNMENT

CURVE NO. W1	CURVE NO. W2	CURVE NO. W3	CURVE NO. W4
PI STA. W 15+36.19 Δ = 5°38'57" R = 200.00' L = 19.72' T = 9.87' E = 0.24 N = 1151680.461 E = 602287.538	PI STA. W 16+52.10 Δ = 18°43'32" R = 300.00' L = 98.05' T = 49.46' E = 4.05 N = 1151667.270 E = 602402.720	PI STA. W 18+15.23 Δ = 11°36'25" R = 250.00' L = 50.65' T = 25.41' E = 1.29 N = 1151701.906 E = 602563.025	PI STA. W 22+29.43 Δ = 88°54'14" R = 50.00' L = 77.58' T = 49.05' E = 20.04' N = 1151706.137 E = 602977.377
PC STA. W 15+26.32 N = 1151680.614 E = 602277.672 PT STA. W 15+46.04 N = 1151679.339 E = 602297.341	PC STA. W 16+02.64 N = 1151672.898 E = 602353.577 PT STA. W 17+00.69 N = 1151677.716 E = 602451.068	PC STA. W 17+89.82 N = 1151696.539 E = 602538.188 PT STA. W 18+40.46 N = 1151702.165 E = 602588.433	PC STA. W 21+80.37 N = 1151705.636 E = 602928.327 PT STA. W 22+57.96 N = 1151755.187 E = 602977.815

NO. DATE BY REVISION

2

20



ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

INDEX,
ABBREVIATIONS &
HORIZONTAL
CONTROLS

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING
IND-1

Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW ARTICLE 145 SECTION 7209

FILE NAME = L:\MNSTN\Projects\0300\369,007 - Ashokan Rail Trail\MNSTN\Woodstock Trailhead Construction\003_369007003.dgn
DATE = 5/19/2019
TIME = 8:41:06 AM

IN CHARGE OF _____ DESIGNED BY _____ ERB _____ CHECKED BY _____ CMH _____ DRAFTED BY _____ ERB _____ CHECKED BY _____ CMH _____

ALIGNMENT		
STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)
	AD_P	DETOUR
	AT_P	TRANSITION CONTROL
BRIDGE		
	BR	RAIL
	BSHT	SHEET PILING
CONTROL		
	CB	BASELINE
	CBPR	BASELINE, PROJECTION
DRAINAGE		
	DCP	CULVERT PIPE
	DCP_P	CULVERT PIPE (DIR)
	DDG_P	DITCH, GRASS LINED
	DDP_P	DITCH, PAVED INVERT
	DDS_P	DITCH, STONE LINED
	DFL_P	FLOW LINE
	DSSD	SLOTTED DRAIN
ENVIRONMENTAL		
	EBLHS	BALE, HAY/STRAW
	ECT	CURTAIN, TURBIDITY
	EDMC	DAM, COFFER TYPE
	EDMEC_P	DAM, EARTHEN, CHECK
	EDMPC_P	DAM, PREFAB, CHECK
	EDMSC_P	DAM, STONE, CHECK
	EFNS	FENCE, SILT
	EFNSV	FENCE, SILT & VEGETATION
	EFNV	FENCE, VEGETATION
	EWAA_P	WETLAND, ADJACENT AREA
	EWF	WETLAND, FEDERAL
	EWFs	WETLAND, FEDERAL AND STATE
	EWM	WETLAND, MITIGATION AREA
	EWS	WETLAND, STATE
SIGNS		
	SBLB	BILLBOARDS
	SM	MULTIPLE POST
	SSO	STRUCTURE, OVERHEAD
	SSOC	STRUCTURE, OVHD. CANTILEVER

LANDSCAPE		
STYLE	NAME	DESCRIPTION
	LABL	AREA, BRUSH LINE
	LAHR	AREA, HEDGE ROW
	LAPB	AREA, PLANTING BED
	LAWA	AREA, WOODED AREA OUTLINE
	LAWL	AREA, WATERS EDGE
	LCUT_P	CUT LIMIT
	LFILL_P	FILL LIMIT
	LFNC	FENCE
	LTRC	TREE ROW, CONIFEROUS
	LTRD	TREE ROW, DECIDUOUS
	LWH	WALL, H PILE
	LWR	WALL, RETAINING
	LWS	WALL, STONE
ROW MAPPING		
	MDL	DEED LINE
	MEE	EASEMENT, EXISTING
	MEP_P	EASEMENT, PERMANENT
	MEPA_P	EASEMENT, PERMANENT, APPROX.
	MET_P	EASEMENT, TEMPORARY
	META_P	EASEMENT, TEMPORARY, APPROX.
	MF_P	FEE ACQUISITION, W/ ACCESS
	MFA_P	FEE ACQUISITION, APPROXIMATE
	MFS_P	FEE ACQUISITION, SHAPE
	MFWOA_P	FEE ACQUISITION, W/O ACCESS
	MHB	HIGHWAY BOUNDARY
	MHBA	HIGHWAY BOUNDARY, APPROX.
	MHBW	HWY BOUNDARY, FACE OF WALL
	MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS
	MJC	JURISDICTION, CITY
	MJCy	JURISDICTION, COUNTY
	MJHD	JURISDICTION, HISTORIC DISTRICT
	MJLL	JURIS., (GREAT, MILITARY) LOT LINE
	MJN	JURISDICTION, NATION
	MJPB	JURISDICTION, PUBLIC LANDS
	MJS	JURISDICTION, STATE
	MJT	JURISDICTION, TOWN
	MJV	JURISDICTION, VILLAGE
	MPL	PROPERTY LOT LINE
	MPLA	PROPERTY LOT LINE, APPROXIMATE
	MSL	SUB LOT LINE
	PR	PRIVATE PROPERTY RELEASE

ROADWAY		
STYLE	NAME	DESCRIPTION
	RG	GUIDE RAIL, MISCELLANEOUS
	RGB	GUIDE RAIL, BOX BEAM
	RGBM	GUIDE RAIL, BOX BEAM, MEDIAN
	RGC	GUIDE RAIL, CABLE
	RGCb	GUIDE RAIL, CONCRETE BARRIER
	RGP_P	GUIDE POST
	RGW	GUIDE RAIL, W BEAM
	RGWM	GUIDE RAIL, W BEAM, MEDIAN
	RPB	PARKING BUMPER
	RRC	RAIL ROAD, CATENARY
	RRER	RAIL ROAD, 3RD RAIL
	RRPLS_P	RAIL, PHOTO, LARGE SCALE
	RRPSS	RAIL, PHOTO, SMALL SCALE
	RRS	RUMBLE STRIP
	RRSLs_P	RAIL, SURVEY, LARGE SCALE
	RRSSS	RAIL, SURVEY, SMALL SCALE
STRIPING		
	STB•	BROKEN LINE
	STDB•	DOUBLE BROKEN LINE
	STDL•	DOTTED LINE LONG
	STDS•	DOTTED LINE SHORT
	STFB•	FULL BARRIER LINE
	STH•	HATCH LINE
	STPB•	PARTIAL BARRIER LINE
	STRCT	ROUNDAABOUT, CAT TRACKS
	STRYL	ROUNDAABOUT, YIELD LINE
	STSB	STOP BAR
	STSE	SOLID, EDGE
	STXL•	X WALK, LADDER LINE
• = W (WHITE) OR Y (YELLOW)		
TRAFFIC CONTROL		
	TCSW	SIGNAL, SPAN WIRE
TRAFFIC MAINTENANCE		
	TMBCD_P	BARRICADES
	TMBCDL_P	BARRICADES, LIGHTED
	TMBT_P	BARRIER, TEMPORARY
	TMBTL_P	BARRIER, TEMPORARY, LIGHTED
	TMOB_P	DEVICE, BARRELS
	TMOBL_P	DEVICE, BARRELS, LIGHTED
	TMDC_P	DEVICE, CONES
UTILITIES		
	UC	CONDUIT, UNDERGROUND
	UCH	CONDUIT, HANGING
	UCO	CONDUIT, OVERHEAD
	UE	ELECTRIC LINE, UNDERGROUND
	UEH	ELECTRIC LINE, HANGING
	UEO	ELECTRIC LINE, OVERHEAD
	UETO	ELECTRIC TRANSMISSION, OVERHEAD

UTILITIES CONT'D.		
STYLE	NAME	DESCRIPTION
	UESS	ELECTRIC, SUBSTATIONS
	UFO	FIBER OPTIC, UNDERGROUND
	UFOH	FIBER OPTIC, HANGING
	UFOO	FIBER OPTIC, OVERHEAD
	UG	GAS, UNDERGROUND
	UGH	GAS, HANGING
	UGO	GAS, OVERHEAD
	UIC	INFORM CABLE, UNDERGROUND
	UICH	INFORM CABLE, HANGING
	UO	OIL LINE, UNDERGROUND
	UOH	OIL LINE, HANGING
	UPBP	POLE, BRACE, PUSH BRACE
	UPBW	POLE, GUY WIRE
	USA	SANITARY SEWER, UNDERGROUND
	USAH	SANITARY SEWER, HANGING
	USAF	SANITARY SEWER, FORCE MAIN, UGND
	USAFH	SANITARY SEWER, FORCE MAIN, HANG
	UT	TELEPHONE, UNDERGROUND
	UTH	TELEPHONE, HANGING
	UTO	TELEPHONE, OVERHEAD
	UTV	CABLE TV, UNDERGROUND
	UTVH	CABLE TV, HANGING
	UTVO	CABLE TV, OVERHEAD
	UUU	UNKNOWN, UNDERGROUND
	UUH	UNKNOWN, HANGING
	UUO	UNKNOWN, OVERHEAD
	UW	WATER LINE, UNDERGROUND
	UWH	WATER LINE, HANGING
	UWO	WATER LINE, OVERHEAD

- THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
- FEATURES ARE SHOWN AS EITHER LINEAR ROADWAY (GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
- FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
- PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.40 MM ON B SIZE DRAWINGS).
- MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
- FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

3
20

NO. DATE BY REVISION



ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

LEGEND - 1

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING
LE-1

FILE NAME = \\BLAIBS-rr\CAD\MSTN Projects\0300\369\007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Woodstock Trailhead Construction\04_369007\001_GCN-1.dgn
DATE = 6/19/2019
TIME = 12:08:56 PM
L:\MicroStation\Bentley\8\WorkSpace\Plot\WYSDOT\WYSDOT.LJ5000.B.04.06.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH ERB CHECKED BY CMH

DEFINITION

- THE WORDS "SHALL", "PROPOSED", "SHOULD", AND "MAY", AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:
- SHALL - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES, REQUIREMENTS HAVING "SHALL" STIPULATIONS ARE MANDATORY. NO DISCRETION IN FOLLOWING THEM IS ALLOWED.
- PROPOSED - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES, REQUIREMENTS HAVING "PROPOSED" STIPULATIONS ARE MANDATORY. NO DISCRETION IN FOLLOWING THEM IS ALLOWED.
- SHOULD - AN ADVISORY CONDITION. WHERE "SHOULD" IS USED IN RELATION TO A PROVISION, THAT PROVISION IS RECOMMENDED, AND NORMALLY IS TO BE FOLLOWED, BUT IS NOT MANDATORY. DEVIATION FROM SUCH PROVISIONS IS PERMISSIBLE IF, AND TO THE EXTENT THERE IS JUSTIFIABLE CAUSE TO DO SO.
- MAY - A PERMISSIVE CONDITION. NO REQUIREMENTS FOR DESIGN OR APPLICATION IS INTENDED.

DRAINAGE FACILITIES

THE CONTRACTOR SHALL BECOME FAMILIARIZED WITH DRAINAGE CHARACTERISTICS OF THE AREA SO THAT HE MAY PROGRESS HIS WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE ISSUES.

SURVEY

1. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKEOUT, AS REQUIRED, AND IN ACCORDANCE WITH SECTION 625 OF THE NYSDOT STANDARD SPECIFICATIONS. COST FOR THIS WORK SHALL BE INCLUDED UNDER ITEM 625.01 - SURVEY OPERATIONS.
2. SURVEY INFORMATION INCLUDING BASELINE TIES, IS AVAILABLE IN THE CONTRACT DOCUMENTS.

RESTORING DISTURBED AREAS

1. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION APPROVED BY THE ENGINEER.
2. THE RESTORATION OF DISTURBED AREAS SHALL BE ACCOMPLISHED AS SPECIFIED UNDER SECTION 01710 OF THE NYSDOT STANDARD SPECIFICATIONS.

UTILITIES

1. THE CONTRACTOR SHALL CALL DIG SAFELY NEW YORK (UFPD) AT 1-800-962-7962 OR VIA THREE DIGIT DIALING WITH THE RECENTLY INTRODUCED 811 PROGRAM FOR UTILITY MARK-OUTS AND INTERFERENCE PRIOR TO COMMENCEMENT OF ANY OPERATIONS. CONFIRMATION OF UTILITY LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR. UNDERGROUND UTILITIES MAY BE PRESENT THROUGHOUT THE SITE.
2. LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, HE SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE IN COORDINATION WITH THE OWNER OF THE UTILITY AFFECTED, AND MAY NOT CEASE HIS WORK OPERATION UNTIL SERVICE IS RESTORED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES ENCOUNTERED IN THE WORK COMPLETED UNDER THIS CONTRACT, WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE TIMBER, PLANK OR OTHER APPROVED MATERIALS AND SECURELY BRACE AND PROTECT THESE UTILITIES.
4. THE QUALITY OF UNDERGROUND UTILITY FACILITY INFORMATION SHOWN ON THE PLANS IS QUALITY LEVEL C. QUALITY LEVEL C IS THE THIRD HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL C INFORMATION.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



CONSTRUCTION NOTES:

1. MATERIAL AND CONSTRUCTION SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED JANUARY 1, 2018 INCLUDING CURRENT ADDENDUMS.
2. THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL CONDITIONS AND DIMENSIONS. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD CONDITIONS AND DIMENSIONS AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS AS APPROVED BY THE ENGINEER. THE RESULTS OF THIS CHECK OF CONDITIONS AND DIMENSIONS SHALL BE SO NOTED ON THE DRAWINGS SUBMITTED FOR APPROVAL. THERE SHALL BE NO CLAIM AGAINST THE OWNER MADE BY THE CONTRACTOR FOR WORK PERTAINING TO MODIFICATIONS AS MAY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS. THE CONTRACTOR WILL BE PAID AT THE UNIT BID PRICE FOR THE ACTUAL QUANTITIES OF MATERIALS USED OR FOR THE WORK PERFORMED, AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT EXCEPT FOR ITEMS DEFINED WITH PAY LIMITS. PAY LIMITS PREVAIL.
3. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING FACILITY CAUSED BY HIS OPERATIONS WHICH IS NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING FACILITY WHICH IS NOT PART OF THE INTENDED WORK SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COST TO THE OWNER AND TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL EXERCISE CARE IN HIS REMOVAL OPERATIONS SO AS NOT TO UNDULY DISTURB UNDERLYING MATERIALS WHICH ARE TO REMAIN IN PLACE. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE OWNER, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE OWNER, THE DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
5. IT WILL BE THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY TO USE METHODS AND EQUIPMENT WHICH WILL INSURE THE SATISFACTORY COMPLETION OF THE REQUIRED WORK WITH A MINIMUM OF DELAY.
6. THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PERTAINING TO THESE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
7. NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
8. CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION, AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
9. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT HIS WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
10. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS. ALL DISPOSAL AREAS MUST BE APPROVED BY THE ENGINEER PRIOR TO USE.
11. THE CONTRACTOR IS RECOMMENDED TO VISIT THE SITE BEFORE BIDDING, TO BECOME FAMILIAR WITH THE FIELD CONDITIONS AND TO JUDGE FOR THEMSELVES THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF THEIR FAILURE TO INCLUDE IN THE BID ALL ITEMS AND MATERIALS WHICH IS REQUIRED TO BE FURNISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
12. A PRE BID MEETING AT THE SITE OF THE WOODSTOCK TRAILHEAD IS SCHEDULED FOR APRIL 25, 2019 AT 1:00 PM.

ROCK ENCOUNTERED

1. ROCK REMOVAL SHOWN IN THE CONTRACT DRAWINGS SHALL BE PAID FOR UNDER ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL.
2. IF ADDITIONAL ROCK IS ENCOUNTERED WITHIN THE GRADING LIMITS THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER. THE CONTRACTOR SHALL NOT EXCAVATE ROCK TO REACH THE PROPOSED GRADING LIMITS UNLESS DEEMED NECESSARY BY THE ENGINEER.

ITEM 203.02 - EXCAVATION AND DISPOSAL OF SOILS

1. THE CONTRACTOR SHALL COMPLY WITH THE SOIL TESTING REQUIREMENTS NOTED IN THE DOCUMENT TITLED "ENVIRONMENTAL SOIL SAMPLING PROGRAM RESULTS", PREPARED BY BARTON AND LOGUIDICE ON MAY 16, 2017. THIS DOCUMENT MAY BE FOUND AS ADDITIONAL INFORMATION IN THE CONTRACT DOCUMENTS.
2. SOILS THAT CANNOT BE RE-USED ON THIS PROJECT SHALL BE TESTED UNDER ITEM 205.0401. SOILS SHALL BE TESTED AS REQUIRED BY NYSDOT PART 375 SOCS FOR RESTRICTED RESIDENTIAL USE AND THE CONTRACT DOCUMENTS FOR THIS PROJECT.
3. DISPOSAL OF CONTAMINATED SOILS SHALL BE INCLUDED IN ITEM 205.050101, IF APPLICABLE.
4. THERE ARE NO LOCATIONS WITHIN OR ADJACENT TO THE PROJECT LIMITS FOR THE DISPOSAL OF MATERIALS OR SOILS.

ITEM 201.06 - CLEARING AND GRUBBING

1. ITEM 201.06 SHALL INCLUDE GRUBBING OF ALL STUMPS, UNDERSTORY BRUSH, ETC. WITHIN THE LIMITS OF CONSTRUCTION OR AS NOTED WITHIN THE CLEARING LIMITS.
2. ALL TREES TO BE CUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL. TREES GREATER THAN 3" DBH SHALL NOT BE CUT.
3. ALL TREES THAT HAVE BEEN FELLED WITHIN THE PROJECT AREA SHALL BE REMOVED FROM THE PROJECT SITE. COST INCLUDED IN ITEM 201.06.

RAIL, HARDWARE, AND TIE REMOVAL NOTES:

1. CONTRACTOR SHOULD INVESTIGATE ALL AVENUES TO RECYCLE OR RE-PURPOSE THE MATERIALS REMOVED UNDER THIS CONTRACT.
2. ITEM 675.01000023 SHALL INCLUDE THE REMOVAL OF RAIL, HARDWARE, AND TIES AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER IN THE FIELD. ITEM 675.01000023 SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK AND SHALL BE PAID AS ONE LUMP SUM.
3. FOR DETERIORATED TIES THAT DO NOT STAY TOGETHER WHEN REMOVED, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL REMNANTS OF THE TIES. THESE REMNANTS SHALL NOT BE BURIED OR DISPOSED OF ON-SITE.
4. THERE WILL BE NO ADDITIONAL PAYMENT FOR DISPOSAL OF THE BALLAST OR OTHER MATERIALS AS THEY ARE CONSIDERED INCIDENTAL TO THE REMOVAL OF THE TIES. REASONABLE REMOVAL OF SOME BALLAST DURING THE TIE REMOVAL OPERATION IS ACCEPTABLE.
5. ANY RE-USE OR SALVAGE VALUE OF THE RAIL, HARDWARE, OR TIES SHALL BE RETAINED BY THE CONTRACTOR.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FEES ASSOCIATED WITH THHE DISPOSAL OF THE RAIL, HARDWARE AND TIES.
7. DISPOSAL OF THE RAILROAD TIES SHALL COMPLY WITH THE NYSDOT REQUIREMENTS FOR DISPOSAL OF CREOSOTE TREATED RAILROAD TIES.

ENVIRONMENTAL NOTES:

1. THERE ARE NO LOCATIONS WITHIN OR ADJACENT TO THE PROJECT LIMITS FOR THE DISPOSAL OF CONSTRUCTION DEBRIS OR SPOILS.
2. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT THE ENTRANCE OF FRESH CONCRETE INTO THE WATERS OF NEW YORK STATE. EQUIPMENT, TOOLS, AND TRUCKS USED IN THIS PROJECT SHALL BE CLEANED IN SUCH A MANNER AS TO PREVENT WASH WATER FROM ENTERING ANY WATER BODY. WET CONCRETE IS HIGHLY TOXIC TO FISH. CONCRETE WASH AREAS SHALL BE APPROVED BY THE ENGINEER AND SHALL CONFORM WITH DETIALS AND NOTES ON DWG. ESCD-2.
3. SPILLAGE OF OIL AND HAZARDOUS SUBSTANCES IS ESPECIALLY PROHIBITED BY SECTION 311 OF THE CLEAN WATER ACT OF 1977. MEASURES INCLUDING PROPER MAINTENANCE OF CONSTRUCTION EQUIPMENT, DESIGNATING FUEL/HAZARDOUS SUBSTANCES, HANDLING AREAS TO ALLOW SPILLS TO BE CONTAINED BEFORE REACHING THE WATERWAY, INSTRUCTING PERSONNEL NOT TO DISPOSE OF OIL AND OTHER SUCH MATERIALS INTO DRAINS OR INTO THE WATERWAY DIRECTLY, AND OTHER NECESSARY PROCEDURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ACTIVITIES. IF, IN SPITE OF SUCH PLANNING, OIL/HAZARDOUS SUBSTANCES ARE SPILLED INTO A WATERCOURSE, IMMEDIATE NOTIFICATION SHALL BE GIVEN TO THE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT TELEPHONE NUMBER (518) 457-7362 AND THE NATIONAL RESPONSE CENTER AT TELEPHONE NUMBER 1-800-424-8802. A CONTAINMENT BOOM AND A SUPPLY OF HAY, STRAW, OR OTHER ABSORBENT SHALL BE RETAINED SO THAT IT MAY BE RAPIDLY DEPLOYED TO SOAK UP ANY POSSIBLE SPILLAGE. PENDING ENVIRONMENTAL CONSERVATION AND/OR NYCDEP ARRIVAL ON THE SCENE, THE USE OF CHEMICAL DISPERSING AGENTS AND EMULSIFIERS IS NOT AUTHORIZED WITHOUT PRIOR, SPECIFIC, FEDERAL, OR STATE APPROVAL.
4. ANY MATERIAL ENTERING THE WATER, FOR ANY REASON WHATSOEVER, WHICH IS NOT PART OF INTENDED WORK, SHALL BE REMOVED AND DISPOSED OF PROPERLY IN ACCORDANCE WITH CURRENT NYCDEP REGULATIONS.
5. THE CONTRACTOR SHALL KEEP STRAW ON-SITE AT ALL TIMES FOR APPLICATION TO DISTURBED SOILS AS DIRECTED BY THE ENGINEER.

BALD EAGLE NEST MANAGEMENT NOTES:

NO ACTIVE BALD EAGLE NESTS HAVE BEEN IDENTIFIED WITHIN THE PROJECT CORRIDOR. HOWEVER, THE PROJECT SITE IS LOCATED IN AN AREA KNOWN TO HAVE PREVIOUS BALD EAGLE ACTIVITY AND SUITABLE HABITAT. SHOULD AN ACTIVE BALD EAGLE NEST BE IDENTIFIED WITHIN 1/4 MI OF THE PROJECT CORRIDOR DURING CONSTRUCTION OF THIS PROJECT, THE FOLLOWING MEASURES SHALL BE TAKEN BY THE CONTRACTOR:

1. THE CONTRACTOR SHALL IMMEDIATELY CEASE WORK WITHIN 1/2 MILES OF THE ACTIVE BALD EAGLE NEST AND NOTIFY THE ENGINEER OR OWNER.
2. NO WORK SHALL OCCUR WITHIN 1/2 MILE OF AN ACTIVE BALD EAGLE NEST DURING THE BREEDING SEASON OR AS DETERMINED BY NYSDOT (BETWEEN THE DATES OF JANUARY 1 AND SEPTEMBER 30.)

UPON RESUMING WORK, THE CONTRACTOR MAY BE HELD TO THE FOLLOWING CONDITIONS:

1. THE CONTRACTOR MAY BE REQUESTED TO ALTER HIS EQUIPMENT TO REDUCE THE NOISE EMITTED FROM THE MACHINERY SUCH AS USING A WHITE NOISE BACK-UP ALERT SYSTEM IN PLACE OF A BEEPING SYSTEM, REFRAINING FROM THE SLAMMING OF DUMP TRUCK TAILGATES, INSTALLING SILENCERS AND MUFFLERS ON EQUIPMENT EXHAUST SYSTEMS, INSTALL NOISE SHIELDING ON STATIONARY EQUIPMENT, ETC.
2. HIGH NOISE ACTIVITIES SUCH AS PILE DRIVING, JACK HAMMERING, OR BREAKING OF CONCRETE MAY NEED TO BE COMPLETED WITHIN THE NON-BREEDING SEASON.

GENERAL NOTES:

1. NO WHITE PINE TREES GREATER THAN 3" DBH SHALL BE CUT WITHIN THE PROJECT SITE WITHOUT APPROVAL BY THE ENGINEER.
2. NO WHITE PINE TREES GREATER THAN 25" DBH SHALL BE CUT WITHIN THE PROJECT SITE.
3. IF A BALD EAGLE NEST IS IDENTIFIED AND WORK IS SHUT DOWN OR DELAYED, THE COUNTY WILL NEGOTIATE ANY CONTRACTURAL WORK DELAYS OR UNANTICIPATED COSTS AS A RESULT OF THE PRESENCE OF A BALD EAGLE NEST.
4. THE COUNTY WILL IDENTIFY POTENTIAL BALD EAGLE NESTS AND NOTIFY THE CONTRACTOR OF THIER PRESENCE. CURRENTLY, NO ACTIVE BALD EAGLE NESTS ARE KNOWN TO BE PRESENT.

420

NO. DATE BY REVISION

Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

GENERAL CONSTRUCTION NOTES

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING GCN-1

ROW MAPPING			ALIGNMENT			BRIDGE			ROADWAY			ITS			UTILITIES																				
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION																		
	MDL1P	DEED LINE, TYPE 1		ACC	CENTER OF CURVATURE		BSC	BRIDGE, SCUPPER		RES P	ELEVATION, SPOT		IAN T P	ANTENNAS		UEB	ELECTRIC, BOX																		
	MDL2P	DEED LINE, TYPE 2		ACOGO	COGO	DRAINAGE				RGA	GUIDE RAIL, ANCHOR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		UEM	ELECTRIC, METER																		
	MDL3P	DEED LINE, TYPE 3		ACS	CURVE TO SPIRAL					RGP	GUIDE POST, SINGLE		ICABPAD	CABINET & PAD		UEMH	ELECTRIC, MANHOLE																		
	MDL4P	DEED LINE, TYPE 4		ADPL.P	DETOUR, POINT OF INTERSECT.				SIGNS				ICCTV	CCTV SITE		UEPT	ELECTRIC, POLE, TRANS.																		
	MDL5P	DEED LINE, TYPE 5		ADPL.P	DETOUR, POINT ON LINE								ICDPD	CDPD TRANSCEIVER		UGM	GAS, METER																		
	MEEP	EASEMENT, EXISTING		AEQN	EQUATION		ICELLT	CELL PHONE TOWER					UGMH	GAS, MANHOLE																					
	MEPAP.P	EASEMENT, PERM., APPROX.		AEQNAHD	EQUATION AHEAD		ICJB	CONDUIT JACK OR BORING					UGLM	GAS, LINE MARKER																					
	MEPP.P	EASEMENT, PERM., BACK LINE		AEQNBK	EQUATION BACK		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		SDEL	DELINEATORS		ICNTLCAB	CONTROLLER CABINET		UGP	GAS/FUEL PUMP																		
	MEPSP.P	EASEMENT, PERM., SHAPE		AEVT	EVENT STATION		DSR	STRUCTURE, ROUND		SPM	PARKING METER		ICPB	COMMUNICATION PULL BOX		UGV	GAS, VALVE																		
	MFAP.P	FEE ACQUISITION, APPROX.		APC	POINT OF CURVATURE		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		SRM	REFERENCE MARKERS		ICTD	CONDUIT TURNING DOWN		UGVT	GAS, VENT																		
	MFP.P	FEE ACQUISITION, BACK LINE		APCC	POINT OF COMPOUND CURVATURE		DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U		SRSC3	SHLD, CTY, 123 DIG.		ICTU	CONDUIT TURNING UP		ULP	LIGHTING, POLE																		
	MFSP.P	FEE ACQUISITION, SHAPE		API	POINT OF INTERSECTION	ENVIRONMENTAL				SRSC4	SHLD, CTY, 4 DIG.		ICVTRT	COMM. VEH. ROAD TRANSCVR.		ULPM	LIGHTING, POLE, MEDIAN																		
	MHBAP	HIGHWAY BNDRY., APPROX.		APOB	POINT OF BEGINNING					SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		IDEFAULT	DEFAULT		ULPP	LIGHTING, POLE, PED.																		
	MHBCP	HISTORICAL, BLDG. CORNERS		APOC	POINT OF CURVATURE					SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		IEZR	EZ-PASS READER		UMFC	MISC. FILLER CAP																		
	MHBP	HIGHWAY BNDRY, PT.		APOE	POINT OF END					SRS1	SHLD, INTERSTATE		IEZTR	TRANSMITTAL READER		UOLM	OIL, LINE MARKER																		
	MJCP	PT., JURIS. CITY		APOL	POINT ON LINE		EIOP.P	STR., INLET, OUTLET PROT.		SRSN2	SHLD, NATIONAL, 2 DIG.		IFOXCAB	FIBER OPTIC X-CONNECT CAB.		UP	POLE, WITH UTILITY																		
	MPBC	PT., BUILDING CORNER		APOS	POINT ON SPIRAL		EIPGB.P	STR., INLET PROT., GRAVEL BAG		SRSN3	SHLD, NATIONAL, 3 DIG.		IFUSSPL	FUSION SPLICE		UPD	POLE, DEAD (NO UTILITY)																		
	MPCC	PT., CROSS CUT		APOT	POINT ON TANGENT		EIPHS.P	STR., INLET PROT., HAY/STRAW		SRSS2	SHLD, STATE, 2 DIG.		IHARADV	HAR ADVISORY SIGN		UPL	POLE, WITH LIGHT																		
	MPDH	PT., DRILL HOLE		APOVC	POINT ON VERTICAL CURVE		EIPHS.P	STR., INLET PROT., HAY/STRAW		SRSS3	SHLD, STATE, 3 DIG.		IHARST	HAR SITE		USMH	SANITARY SEWER MANHOLE																		
	MPF	PT., FENCE LOCATION		APOVT	POINT ON VERTICAL TANGENT		EIPP.P	STR., INLET PROT., PREFAB.		SRSS4	SHLD, STATE, 4 DIG.		ILC	LOAD CENTER		UTB	TELEPHONE, BOOTH																		
	MPIP	PT., IRON PIPE		APORC	POINT ON REVERSE CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE	TRAFFIC				IMECSPL	MECHANICAL SPLICE		UTLM	TELEPHONE, LINE MARKER																		
	MPIR	PT., IRON ROD		APT	POINT OF TANGENCY		ERCB	RISER, CONCRETE BOX					IMSCS	PORT. SPEED & COUNT SENS		UTMH	TELEPHONE, MANHOLE																		
	MPM	PT., MONUMENT		APVC	POINT OF VERTICAL CURVATURE		ETRS.P	TRAP, SEDIMENT					IMCTS	MICRO SPEED & COUNT SNSR.		UTVLM	CABLE TV, LINE MARKER																		
	MPMM	PT., MONUMENT, MISC.		APVCC	POINT OF VERT. CMPND CURVE		EWFG	WETLAND FLAG					IOVHVS	PERM. OVERHEAD VMS		UUB	UNKNOWN, BOX																		
	MPN	PT., NAIL		APVI	POINT OF VERT. INTERSECTION	GEOTECHNICAL				TCMC	MICROCOMPUTER CABINET		IPASCS	PORT. ACC. SPD & CNT SNSR.		UUBJ	UNKNOWN, JUNCTION BOX																		
	MPRS	PT., RAILROAD SPIKE		APVRC	POINT OF VERT. REVERSE CURVE					GDH	DRILL HOLE		TCPP	PED POLE		IPEDS	PEDESTRIAN SIGNAL HEAD		UUPB	UNKNOWN, MANHOLE															
	MPSP	PT., SPIKE		APVT	POINT OF VERTICAL TANGENCY				LANDSCAPE				TCSH	SIGNAL HEADS		IPSS	PAVEMENT SURFACE SNSR.		UUMH	UNKNOWN, PULL BOX															
	MPST	PT., STAKE		ASC	SPIRAL TO CURVE								LTP	POST, SINGLE		TCSP	SIGNAL POLE		IPVMS	PERM. VMS		UUVL	UNKNOWN, VALVE												
	MPTW	PT., TREE W/ WIRE		ASPI	SPIRAL POINT OF INTERSECTION		LRS	ROCK, BOULDER					IRM	RAMP METER		UUVT	UNKNOWN, VENT																		
	MPWL	PT., WALL LOCATION		ASTS	SPIRAL TO SPIRAL		LSHC	SHRUB, CONIFEROUS					IRWIS	RDWY WEATHER INFO. SNSR.		UUW	UNKNOWN, WELL																		
				AST	SPIRAL TO TANGENT	CELL	NAME	DESCRIPTION				ROW ACQUISITION																							
				ATS	TANGENT TO SPIRAL		LELS	ELEVATION, SPOT																											
				AVEVT	VERTICAL EVENT POINT		LFP	FLAG POLE																											
				AVHIGH	VERTICAL HIGH POINT		LMB	MAILBOX																											
				AVLOW	VERTICAL LOW POINT		LPB	PAPER BOX																											
			CONTROL				LPST	POST, SINGLE								ITDB	TELEPHONE DEMARCATION BLK		UWM	WATER, METER															
							LRB	ROCK, BOULDER								ITP	SUBSURFACE TEMP. PROBE		UWMH	WATER, MANHOLE															
							LSHD	SHRUB, DECIDUOUS								IVTRT	VEHICLE TO RDWY TRANCEIVER		UWV	WATER, VALVE															
							LTC	TREE, CONIFEROUS								IWMD	WEIGHT IN MOTION DETECTOR		UWW	WATER, WELL															
				LTD	TREE, DECIDUOUS		IWVR	WIRELESS VIDEO REPEATER											MFS.P.T	FEE ACQUISITION															
	LTS	TREE, STUMP		IWVRC	WIRELESS VIDEO RECEIVER		MEPS.P.T	EASEMENT, PERMANENT																											
	LTW P	TREE, WELL OR WALL		IWVTT	WIRELESS VIDEO TRANSMITTER		METS.P.T	EASEMENT, TEMPORARY																											
	LUKP	UNKNOWN POINT					METS.P.T	OCCUPANCY, TEMPORARY																											
													MFS.P.T	FEE ACQUISITION W/O ACCESS																					

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.40 MM ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

520

NO. DATE BY REVISION

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

LEGEND - 2

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING LE-2

FILE NAME = \\BLAIBS-rr1\CAD\MSTN Projects\0300\369\007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Woodstock Trailhead Construction\006_369\007\001_ESCN-01.dgn
DATE = 6/19/2019
TIME = 12:09:52 PM
L:\MicroStation\Bentley\8\WorkSpace\Plot\Site\NYSDOT\SIZE_B.TBL
L:\MicroStation\Bentley\8\WorkSpace\Plot\NYSDOT\NYSDOT_LL15000.B.04_06.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH CHECKED BY ERB CHECKED BY CMH

GENERAL NOTES FOR EROSION PREVENTION AND SEDIMENT CONTROL

1. THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE SOIL EROSION AND ENSURE SEDIMENT CONTROL. EROSION CONTROL MEASURES ARE ITEMS WHICH MINIMIZE THE EROSION OF SOIL. SEDIMENT CONTROL MEASURES ARE ITEMS WHICH KEEP SEDIMENT FROM LEAVING THE PROJECT SITE. EFFECTIVE SOIL EROSION AND SEDIMENT CONTROL CAN BE ACCOMPLISHED BY LIMITING THE AREA OF UNPROTECTED SOIL. PROTECTED IS DEFINED AS HAVING TEMPORARY OR PERMANENT SOIL EROSION MEASURES IN PLACE.
2. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AS PER DETAILS AND SPECIFICATIONS. THE COST OF MAINTAINING AND REMOVING TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INCLUDED IN THE BID PRICE OF THE ITEM USED. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT A MINIMUM ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER EACH RAINFALL OF ONE-HALF INCH OR MORE IN A 24 HOUR PERIOD.
3. PERIMETER SEDIMENT CONTROL MEASURES (FIBER LOGS) AND SILT FENCE SHALL BE INSTALLED PRIOR TO SOIL DISTURBANCE OPERATIONS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL AFTER FINAL GRADING HAS OCCURRED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
4. ANY EXCAVATED MATERIAL SHALL NOT BE STOCKPILED AND MUST BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE PROJECT SITE.
5. ANY ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES USED TO SUPPLEMENT THE PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS CONTAINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL". LATEST EDITION. ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS PER SECTION 107-12 OF THE STANDARD SPECIFICATIONS.

- NYSDEC SPDES GP-0-15-002
7. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT DIRECT OR INDIRECT CONTAMINATION OF ALL WATER BODIES (INCLUDING WETLANDS) BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, SLURRY OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE OR SLURRY SHALL BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS), NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS). THE USE OF CONCRETE WASHOUT AREAS ARE REQUIRED FOR THIS PROJECT AND SHALL CONFORM TO DETAIL ON DWG. ESCD-2.
8. ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE PROJECT SITE AND FROM WITHIN 50' OF THE WATER'S EDGE OF ALL WATER BODIES (INCLUDING WETLANDS) AND SHALL BE DISPOSED OF OFFSITE.
9. THE CONTRACTOR SHALL ABIDE BY THE NYCDEP APPROVED SWPPP. ANY DISCREPANCIES BETWEEN THE SWPPP AND THE THE PLANS SHALL BE RESOLVED BY THE SWPPP.
10. ANY PROPOSED CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER PRIOR TO BEING IMPLEMENTED.
11. THE CONTRACTOR IS ADVISED THAT THE LOCATIONS OF THE TEMPORARY DEVICES ARE APPROXIMATE. THE EXACT DEVICE LOCATIONS TO ACCOMMODATE THE PROPOSED WORK SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND AS APPROVED BY THE ENGINEER.
12. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THROUGHOUT THE DURATION OF THE CONTRACT, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO CAPTURE ALL WATER BORNE SEDIMENT OR POLLUTANTS ORIGINATING FROM ANY WORK BEING DONE ON OR IN SUPPORT OF THIS PROJECT.
13. THE POLLUTION CONTROL NOTES AND DETAILS SHOWN IN THESE DRAWINGS ARE NOT INTENDED TO BE ALL INCLUSIVE BUT TO SERVE AS A GUIDELINE FOR THE DEVELOPMENT OF THE CONTRACTOR'S EROSION CONTROL SCHEME REQUIRED UNDER THE RESPECTIVE ITEMS OF THE CONTRACT.
14. THE CONTRACTOR SHALL INSPECT THE SOIL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS OR A.O.B.E. REPAIRS SHALL BE MADE BY THE CONTRACTOR IMMEDIATELY, AND SEDIMENT SHALL BE REMOVED BY THE CONTRACTOR WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APPROACHING ONE-HALF OF ITS INTENDED CAPACITY OR A.O.B.E. FAILURE TO COMPLY WITH THIS PROVISION IS BASIS TO CEASE CONSTRUCTION, AT NO EXPENSE TO THE OWNER UNTIL THIS PROVISION IS IN COMPLIANCE.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



GENERAL NOTES FOR EROSION PREVENTION AND SEDIMENT CONTROL (CONTINUED):

15. PRIOR TO EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL PLACE TEMPORARY FIBER ROLLS OR SILT FENCE ON THE PERIMETER OF THE DISTURBED AREA OR AS SHOWN ON THE PLANS TO PREVENT MIGRATION OF SEDIMENT.
16. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO ANY WATERS, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS. DESIGNATED CONCRETE WASHOUT AREAS CONFORMING TO DWG. ESCD-2 AND THE SWPPP SHALL BE UTILIZED.
17. THE PROPOSED WORK WILL REQUIRE THAT THE TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS BE PLACED OVER THE COURSE OF THE PROJECT AS WORK PROGRESSES. NO WORK SHALL BE PERFORMED WITHOUT THE APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES INSTALLED IN THE ACTIVE CONSTRUCTION AREA.
18. THE SYMBOLS SHOWN ON THE CONSTRUCTION PLAN SHEETS REPRESENT THE EROSION CONTROL ITEMS TO BE USED IN CONJUNCTION WITH THE PROPOSED WORK. THE INSTALLATION METHODS, INCLUDING APPLICABLE PLACEMENT INTERVALS, ARE AS SHOWN ON THE PLANS AND DETAILS IN THE CONTRACT DOCUMENTS AND IN THE SWPPP.
19. ALL DISTURBED AREAS WILL BE STABILIZED IN ACCORDANCE WITH THE PLANS AND DETAILS IN THE CONTRACT DOCUMENTS.
20. FIBER LOGS AND SILT FENCE ARE A SECONDARY CONTROL MEASURE AND ARE USED TO CAPTURE SEDIMENT DEPOSITS THAT BREAK FREE FROM THE PRIMARY EROSION CONTROLS.
21. MULCHING, SEEDING AND ROLLED EROSION CONTROL PRODUCT (RECP) ARE THE PRIMARY MEASURE FOR EROSION CONTROL UTILIZED ON THIS PROJECT.
22. THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER THAT MINIMIZES SOIL EROSION AND PREVENTS SEDIMENTATION ON LANDS ADJACENT TO OR AFFECTED BY THE WORK, AND TAKE MEASURES TO MAINTAIN WATER QUALITY OF RECEIVING WATER BODIES (INCLUDING WETLANDS).
23. THE AREA OF DISTURBANCE SHALL BE LIMITED TO AN AREA NO GREATER THAN FIVE ACRES AT ANY ONE TIME AS REQUIRED BY THE SWPPP.
24. "DISTURBED" IS DEFINED AS WORK THAT RESULTS IN SOIL EXPOSURE.
25. "STABILIZED" IS DEFINED AS HAVING TEMPORARY OR PERMANENT EROSION AND SEDIMENT CONTROL MEASURES IN PLACE, INCLUDING, BUT NOT LIMITED TO, EROSION CONTROL MEASURES THAT COVER EXPOSED SOIL TO MINIMIZE THE SOIL FROM ERODING. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE STABILIZATION.
26. PRIOR TO BEGINNING ANY DISTURBANCE ACTIVITIES ON A "SECTION" OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING THE LIMITS OF DISTURBANCE, INCLUDING THE AMOUNT OF AREA TO BE DISTURBED, AN EROSION AND SEDIMENT CONTROL PLAN THAT SUPPLEMENTS THE CONTRACT'S EROSION AND SEDIMENT CONTROL PLAN, AND A PROGRESS SCHEDULE FOR THE ACCOMPLISHMENT OF TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK FOR REVIEW AND APPROVAL BY THE ENGINEER-IN-CHARGE. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE MEASURES THAT MINIMIZE EROSION AND CONTROL SEDIMENT FROM DISTURBED AREAS, INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROL FOR STORAGE AND STAGING AREAS, HAUL ROADS AND CONSTRUCTION ENTRANCES. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE GUIDANCE CONTAINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", LATEST EDITION (A.K.A. NYSDEC BLUE BOOK.)
27. THE CONTRACTOR'S ATTENTION SHALL BE DIRECTED TO THE SWPPP, AS IT WILL BE STRICTLY ADHERED TO DURING THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL DESIGNATE TO THE ENGINEER AN EROSION AND SEDIMENT CONTROL SUPERVISOR WITH ADEQUATE TRAINING, EXPERIENCE, AND AUTHORITY TO IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES, AS PER THE REQUIREMENTS OF THE SWPPP AND ALL ASSOCIATED FEDERAL AND STATE LAWS AND REGULATIONS. THIS INDIVIDUAL WILL BE RESPONSIBLE FOR MONITORING IMPENDING WEATHER CONDITIONS THAT MAY HAVE AN AFFECT ON DAILY CONSTRUCTION OPERATIONS AND THE NEED TO PROVIDE THE REQUIRED EROSION AND SEDIMENT CONTROLS.

MAINTENANCE OF SLOPE PROTECTION NOTES

1. MAINTENANCE OF THE MULCHED AREAS SHALL INCLUDE REINSTALLING MULCH IN AREAS WHERE THE SOIL BECOMES EXPOSED TO VIEW. ANY AREAS THAT BECOME SETTLED OR GULLIED DURING THE INSTALLATION PROCESS SHALL BE REPAIRED WITHIN (3) DAYS OR PRIOR TO THE ONSET OF INCLEMENT WEATHER, WHICH EVER IS LESS.
2. MAINTENANCE OF TEMPORARY SEEDED AREAS SHALL INCLUDE RE-SEEDING AS NEEDED (OR AOBE) TO ESTABLISH A SATISFACTORY STAND OF TURF. THE COST OF RESEEDING SHALL BE AT THE CONTRACTORS EXPENSE. IT IS REQUIRED THAT THE SEEDING BE DONE PRIOR TO INSTALLING RECP, OR MULCH.
3. ALL TEMPORARY TREATMENT SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE EROSION CONTROL MEASURE UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED.
5. ALL SLOPES SHALL BE BROUGHT TO FINISHED GRADE AND TRIMMED AS SOON AS POSSIBLE.
6. PERMANENT EROSION CONTROL MEASURES OF SEEDING AND MULCHING (SEED ONLY WITHIN SEEDING DATES) SHALL BE CARRIED OUT ONCE THE SLOPES HAVE REACHED FINAL GRADE. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE TEMPORARY SLOPE TREATMENT TABLE IN THE SWPPP SHALL BE EMPLOYED AS INDICATED.
7. FOR ADDITIONAL TEMPORARY AND PERMANENT EROSION CONTROL INFORMATION, REFER TO THE EROSION CONTROL DETAILS AND SWPPP.

TEMPORARY MULCH NOTES

1. THE CONTRACTOR'S ATTENTION IS ALERTED TO THE ADDED REQUIREMENTS AND STIPULATIONS OF THIS ITEM. THE PRICE PER SQUARE YARD OF ROLLED EROSION CONTROL PRODUCT (RECP) OR MULCH INCLUDES ALL COST ASSOCIATED WITH BEING ABLE TO PROVIDE A QUALITY RECP OR MULCH COVER, SPREAD IN A UNIFORM LAYER TO PROTECT THE EXISTING SOIL LAYER. RECP SHALL BE ANCHORED WITH 100% BIODEGRADABLE STAKES AND BE FLAT AGAINST THE SOIL.
2. IN ACCORDANCE WITH NYSDOT SECTION 209-3.04, THE CONTRACTOR SHALL HAVE THE CAPABILITY TO INSTALL RECP OR MULCH ON ANY DISTURBED AREAS ON ANY GIVEN DAY (E.G. THOSE AREAS WHERE EARTHWORK OPERATIONS ARE ONGOING, ETC.). THE ENGINEER IN CHARGE SHALL DIRECT THE CONTRACTOR TO LIMIT THE AREA OF CLEARING AND GRUBBING, EXCAVATION, BORROW, AND EMBANKMENT OPERATIONS IN PROGRESS, COMMENSURATE WITH THEIR CAPABILITY AND PROGRESS IN KEEPING THE FINISH GRADING, MULCHING, SEEDING AND OTHER TEMPORARY AND/OR PERMANENT CONTROL MEASURES CURRENT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
3. UNDER NO CONDITION, SHALL ANY AREA OF UNPROTECTED ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, BORROW, OR FILL BE LEFT IN AN UNPROTECTED CONDITION. ANY PORTION OF AN AREA ON WHICH CLEARING AND GRUBBING, EXCAVATION, BORROW, OR FILL HAD PERMANENTLY CEASED SHALL BE STABILIZED, BY EITHER TEMPORARY OR PERMANENT MEANS. THE CONTRACTOR WILL ALSO BE AWARE OF IMPENDING WEATHER CONDITIONS AND THE NEED TO APPLY AND/OR RE-APPLY RECP OR MULCH ON AREAS THAT WORK IS PROGRESSING IN ORDER TO MEET THE REQUIREMENTS OF SECTION 209.
4. THE CONTRACTOR MUST CONTINUALLY BE PREPARED TO REPAIR AND REINSTALL RECP OR MULCH IN DISTURBED SOIL AREAS TO PROVIDE NECESSARY COVERAGE TO LOCATIONS THAT HAVE BEEN DAMAGED BY STORMS OR EQUIPMENT. SHOULD THE ENGINEER DETERMINE THAT AT ANY TIME THE RECP OR MULCH HAS NOT STABILIZED THE PROJECT AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING THE RECP OR MULCH AND ALL ADDITIONAL WORK NECESSARY TO CORRECT THE PROBLEM SHALL BE AT THE CONTRACTOR'S EXPENSE. THIS WORK WILL BE REQUIRED FOR ALL AREAS ASSOCIATED WITH THE PROJECT AND WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THE SAME STANDARDS FOR ALL OFF SITE AREAS ASSOCIATED WITH THE PROJECT. THE COST OF THAT WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
5. RECP SHALL BE USED ON SLOPES STEEPER THAN 1V : 4H, WITHIN SWALES AND DEFINED CHANNEL. RECP INSTALLATION SHALL FOLLOW THE MANUFACTURERS RECOMMENDED INSTALLATION REQUIREMENTS INCLUDING THE GRADE OF THE ALLOWABLE SLOPE AND ANCHORING INSTRUCTIONS.
6. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS BEEN TEMPORARILY OR PERMANENTLY CEASED, TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE INSTALLED AND/OR IMPLEMENTED BY THE END OF EACH WORK DAY A.O.B.E.
7. NO ADDITIONAL PAYMENT WILL BE MADE FOR MAINTENANCE OR RE-INSTALLATION OF RECP OR MULCH.

VEGETATION GROWTH AND CARE

1. THE TEMPORARY AND PERMANENT SEED SHALL BE EASTERN ECOTYPE GRASS MIX (ERNMX-177) FROM ERNST SEED. THE SEED MIX SHALL CONSIST OF A MIXTURE OF 35.0% ANDROPOGON GERARDII, 30.0% SORGHASTRUM NUTANS, 20.0% PANICUM VIRGATUM AND 15.0% ELYMUS VIRGINICUS. APPLIED AT 12 LBS. PER ACRE OR AT 1/2 LBS. PER 1000 SQFT. ALL PROPOSED SEED MIXES WILL REQUIRE APPROVAL BY THE OWNER AND NYCDEP PRIOR TO INSTALLATION.
2. TEMPORARY AND PERMANENT SEED SHALL BE SPREAD BY HAND OR USING A HAND SEEDER.
3. THE USE OF HYDROSEED SHALL NOT BE PERMITTED ON THIS PROJECT.

STOCKPILES

1. STOCKPILES OF MATERIALS SHALL NOT BE MAINTAINED ON SITE UNLESS ABSOLUTELY NECESSARY FOR THE CONTRACTORS OPERATIONS.
2. STOCKPILES NECESSARY FOR THE CONTRACTORS OPERATIONS SHALL BE MAINTAINED AT THE CONTRACTORS EXPENSE. NO PAYMENT WILL BE MADE FOR EROSION AND SEDIMENT CONTROLS INSTALLED ON OR SURROUNDING THE STOCKPILE. HOWEVER, THE STOCKPILE SHALL BE PROTECTED WITH THE APPROPRIATE ES&C PRACTICES IN ACCORDANCE WITH THE SWPPP AND DWG. ESCD-2.
3. STOCKPILES OF MATERIAL THAT IS NOT SUBJECT TO EROSION (SUCH AS STONE) DO NOT REQUIRE EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED.

NOTE

1. THE NYC DEP APPROVED SWPPP DATED APRIL 2019, SHALL TAKE PRECEDENCE OVER ANY DISCREPANCY BETWEEN THE CONSTRUCTION PLANS AND THE SWPPP.

NO. DATE BY REVISION				6 20	
Barton & Loguidice UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209					
ASHOKAN RAIL TRAIL PHASE 3		WOODSTOCK DIKE TRAILHEAD		ULSTER COUNTY	
				NEW YORK	
EROSION AND SEDIMENT CONTROL NOTES					
SCALE: NONE					
DATE ISSUED: 4/2019					
DRAWING ESCN-1					

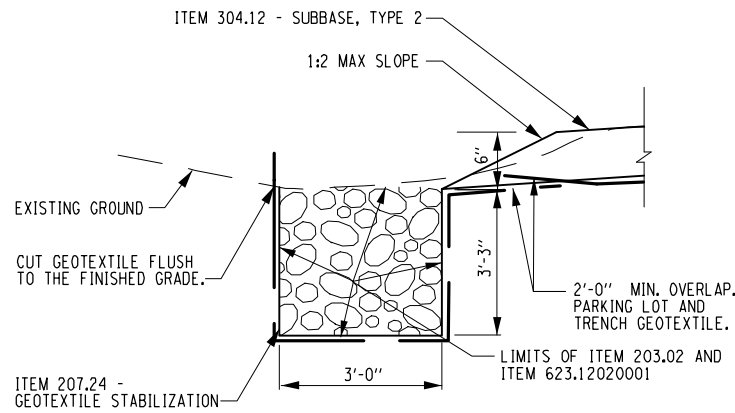
FILE NAME = L:\MSTN Projects\0300\369\007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead Construction\007_36900700.dwg
DATE = 6/19/2019
TIME = 12:02:49 PM
L:\MicroStation\Workspace\Plot\NYSDOT\SITE\NYSDOT_SIZE.B.tbl
L:\MicroStation\Bentley V8\Workspace\Plot\755cm-Albany.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY ERB CHECKED BY CMH

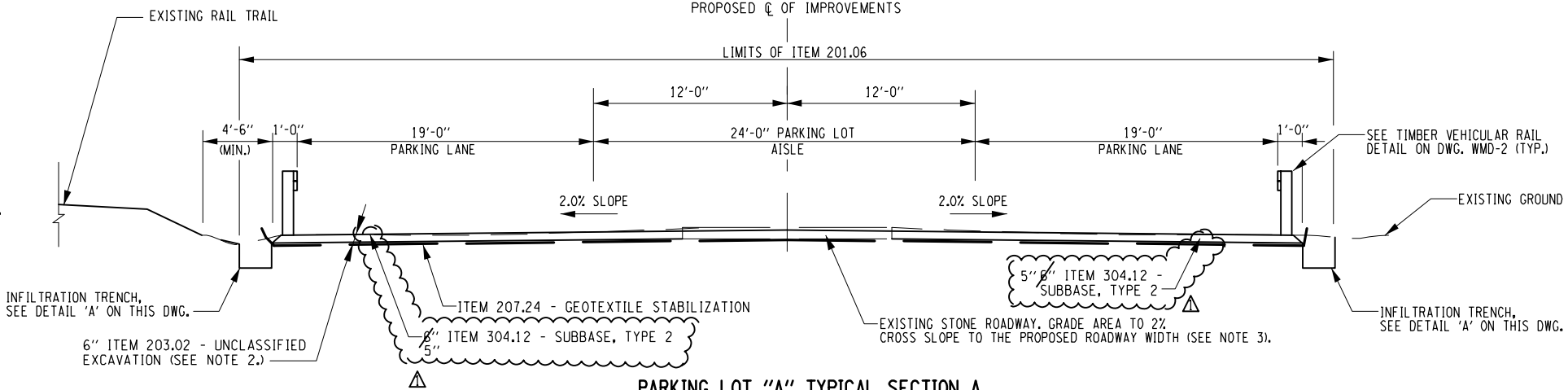
PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



ITEM NO.	DESCRIPTION	UNITS	ITEM NO.	DESCRIPTION	UNITS	NOTES
201.06	CLEARING AND GRUBBING	LS				1. REMOVE ALL EXISTING STONE AND GEOTEXTILE FABRIC BELOW EXISTING STONE ADJACENT TO PROPOSED ROADWAY. BACKFILL AREA WITH 4" OF SUITABLE MATERIAL. THE CONTRACTOR MAY USE EXCAVATED MATERIAL FROM THE PROJECT SITE IF DEEMED SUITABLE BY THE ENGINEER.
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY				
207.24	GEOTEXTILE STABILIZATION	SY				
304.12	SUBBASE COURSE, TYPE 2	CY				
~~610.1403~~	~~TOPSOIL - LAWNS~~	~~CY~~				2. MATERIAL SHALL BE EXCAVATED PRIOR TO GRADING THE EXISTING STONE ROADWAY.
610.16080124	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED	SY				
615.99060104	LANDSCAPE BOULDERS, TYPE 1	EA				3. CONTRACTOR SHALL UTILIZE EXISTING STONE ROADWAY MATERIAL TO SUPPLEMENT ITEM 304.12 IF EXISTING MATERIAL IS DEEMED SUITABLE BY THE ENGINEER IN THE FIELD. EXISTING STONE SHALL BE GRADED, COMPACTED. 2'-4" OF ITEM 304.12 SHALL BE PLACED ON TOP OF EXISTING STONE, A.O.B.E.
623.12020001	CRUSHED STONE RESERVOIR COURSE FOR POROUS ASPHALT	CY				
610.1402	TOPSOIL & ROADSIDE	CY				4. PREPARATION OF THE SUBGRADE MATERIAL SHALL INCLUDE ANY GRADING, COMPACTION, OR PREPARATION DEEMED NECESSARY BY THE ENGINEER. COST OF SUBGRADE PREPARATION SHALL BE INCLUDED IN ITEM 304.12.



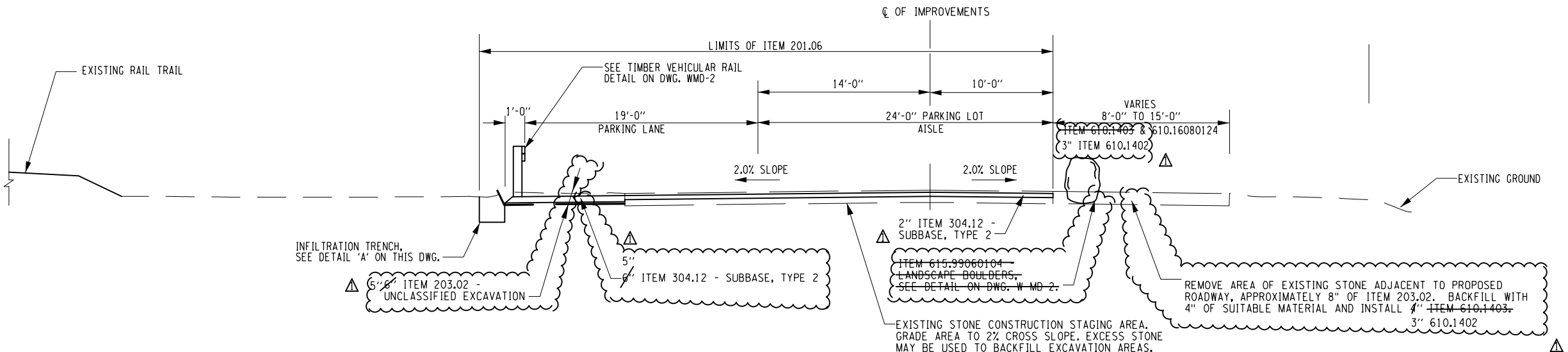
DETAIL "A"



PARKING LOT "A" TYPICAL SECTION A

STA. W 11+37.00 TO STA. W 15+19.00

SCALE: 1" = 10'-0"



PARKING LOT "B" TYPICAL SECTION B

STA. W 18+73.86 TO STA. W 20+32.00

SCALE: 1" = 10'-0"

7R1
20

NO.	DATE	BY	REVISION	QUANTITY	REVISIONS/REDUCTIONS
1	6/19	CMH			

Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

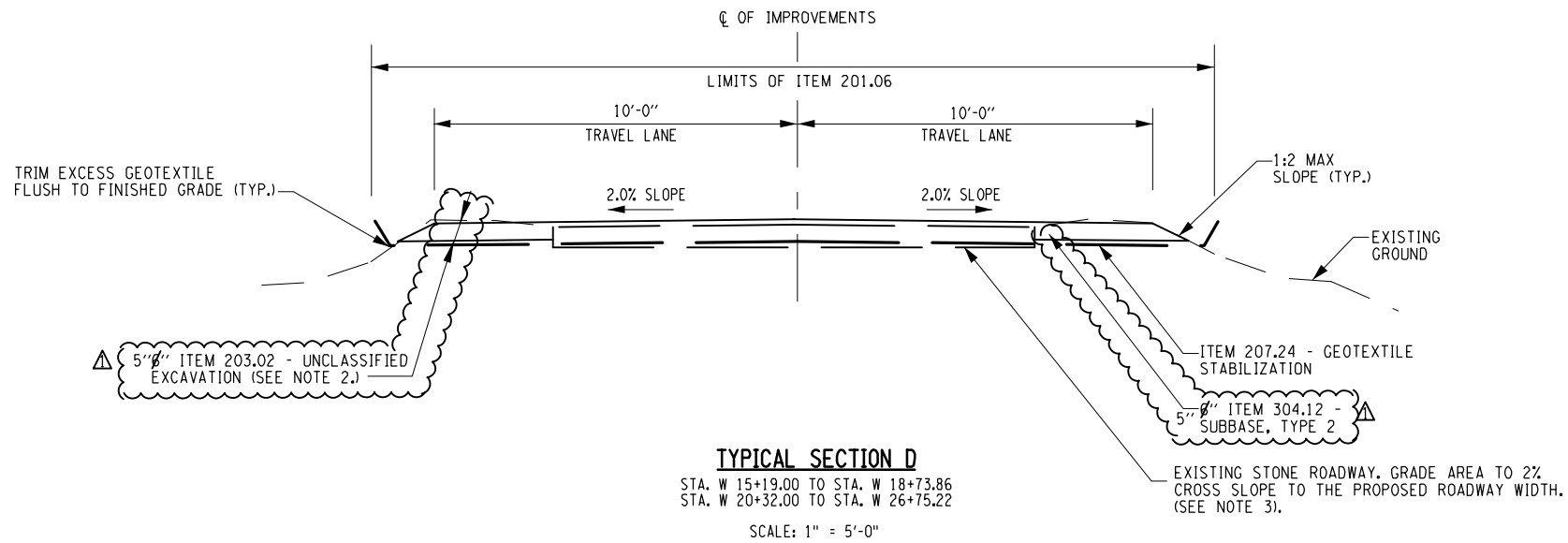
TYPICAL SECTIONS - 1

SCALE: AS SHOWN

DATE ISSUED: 4/2019

DRAWING TS-1 R1

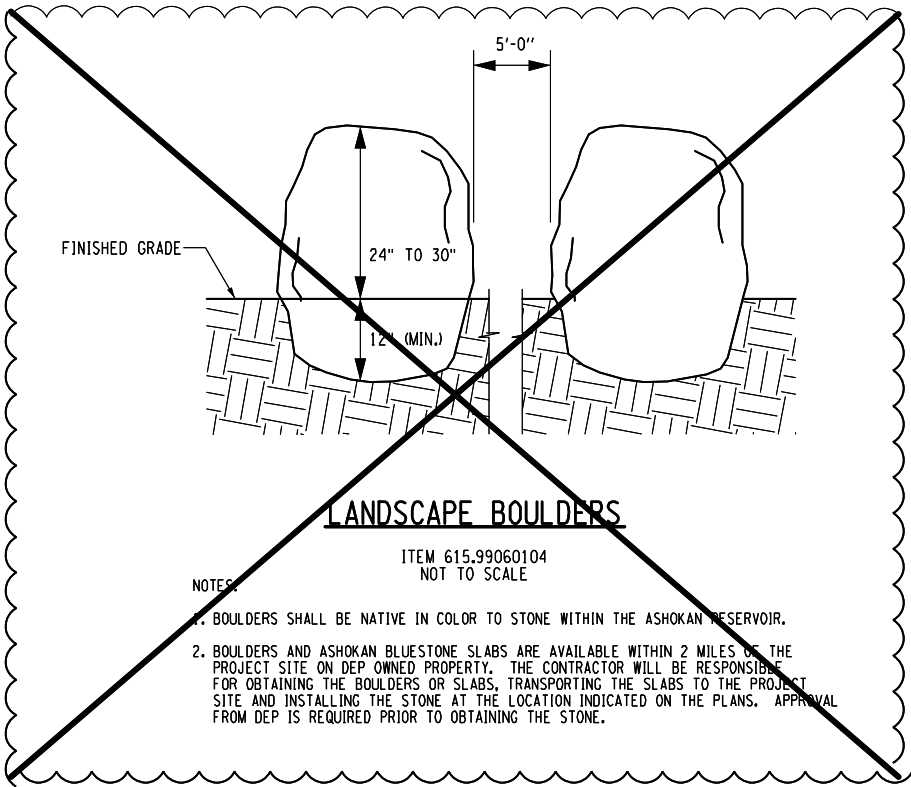
IN CHARGE OF _____ TCB _____ DESIGNED BY _____ ERB _____ CHECKED BY _____ CMH _____ DRAFTED BY _____ ERB _____ CHECKED BY _____ CMH _____



TYPICAL SECTIONS - 2		ASHOKAN RAIL TRAIL PHASE 3		 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209				NO. DATE BY REVISION			
		WOODSTOCK DIKE TRAILHEAD						1	6/19	CMH	QUANTITY REDUCTIONS/REVISIONS
		ULSTER COUNTY									
		NEW YORK									
		TS-2 R1								8R1 20	

FILE NAME = L:\MNSTN Projects\03000\369,007 - Ashokan Rail Trail\MNSTN\Woodstock Trailhead\Woodstock Trailhead Construction\009_36900700.dwg
DATE = 6/19/2019
TIME = 12:02:58 PM
L:\MicroStation\Workspace\Plot\NYSDOT\SITE NYSDOT SIZE.B.tbl
L:\MicroStation\Bentley V8\Workspace\Plot\755cm-Albany.plt

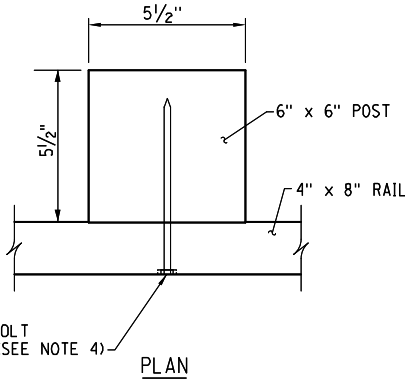
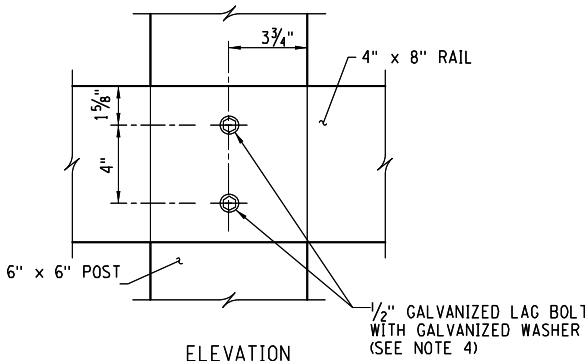
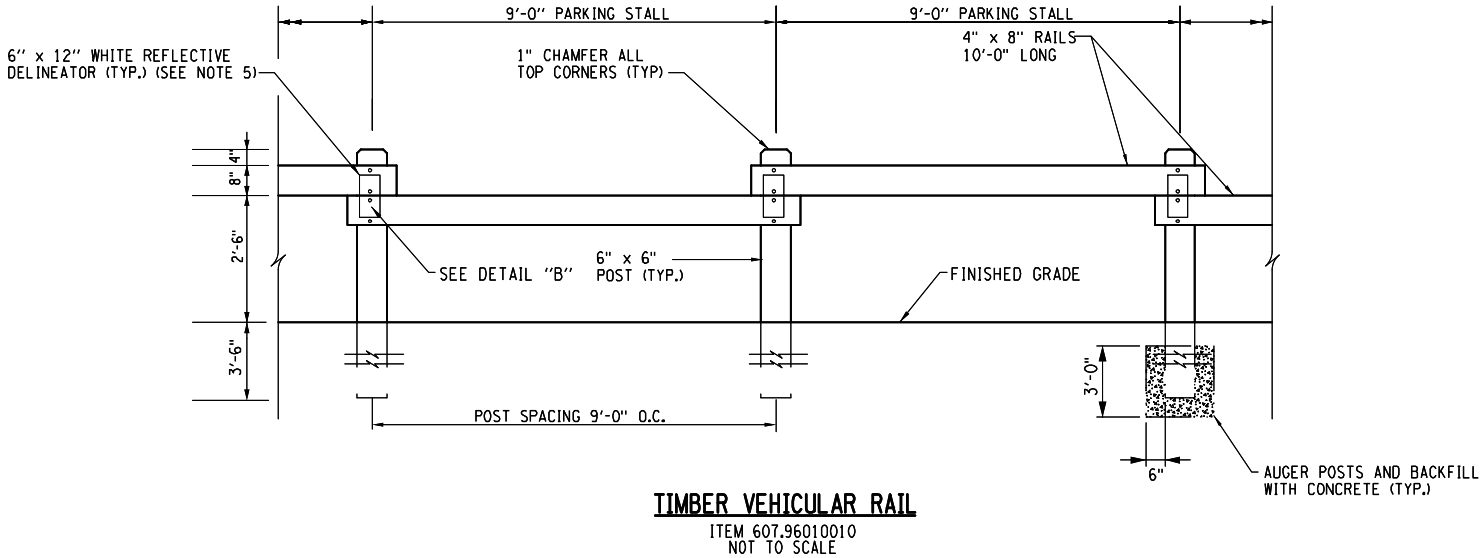
IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ DRAFTED BY _____ ERB _____ CMH _____ CMH _____ CHECKED BY _____ CMH _____



ITEM 607.40XX - 4 FT HIGH GATE. WIDTH VARIES

- NOTES:
- GATE TYPE SHALL BE SIMILAR TO IMAGE ABOVE. CONTRACTOR SHALL SUBMIT SHOP DRAWING TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
 - GATE MATERIAL SHALL BE GALVANIZED STEEL, SCHEDULE 40 PIPE.
 - GATE POSTS SHALL CONSIST OF 6" X 6" PRESSURE TREATED LUMBER, EMBEDDED A MINIMUM OF 4 FT. BELOW THE EXISTING GRADE.
 - SEE PLAN SHEETS FOR GATE WIDTHS AND TYPE.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON: 4/17/2019



TIMBER GUIDE RAIL NOTES:

- DRIVE POSTS OR AUGER, BACKFILL WITH NATIVE SOIL AND COMPACT EVERY 12".
- ALL TIMBER SHALL BE #1 S4S SOUTHERN PINE, PRESSURE TREATED: AWPA-C14, WOOD FOR USE IN HIGHWAY CONSTRUCTION.
- TYP. POST: 6" X 6" X 7'-0" - TYP. RAIL: 4" X 8" X 10'-0".
- ALL HOLES SHALL BE PRE-DRILLED PRIOR TO LAG BOLT INSTALLATION.
- WHITE DELINEATORS SHALL CONFORM TO SECTION 646 OF NYSDOT MATERIAL SPECIFICATIONS. COST FOR DELINEATORS SHALL BE INCLUDED IN PRICE FOR ITEM 607.96010010.

TABLE OF FENCE POST LAYOUT				
START STA.	END STA.	LENGTH (FT.)	SIDE	OFFSET (FT.)
W 11+39.14	W 12+02.14	63.00	LT	30.00
W 11+48.15	W 12+65.15	117.00	RT	30.00
W 12+20.14	W 13+46.14	126.00	LT	30.00
W 12+83.18	W 14+36.18	153.00	RT	30.00
W 13+64.14	W 14+36.14	72.00	LT	30.00
W 14+54.14	W 15+17.14	63.00	RT	30.00
W 14+54.14	W 15+17.14	63.00	LT	30.00
W 18+75.00	W 19+56.00	81.00	RT	32.00
W 19+66.75	W 20+29.75	63.00	RT	32.00
TOTAL		661.00		
		657.00 FT		

9R1
20

NO. DATE BY REVISION
1 6/19 CMH

QUANTITY REDUCTIONS/REVISIONS

ULSTER COUNTY
NEW YORK

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

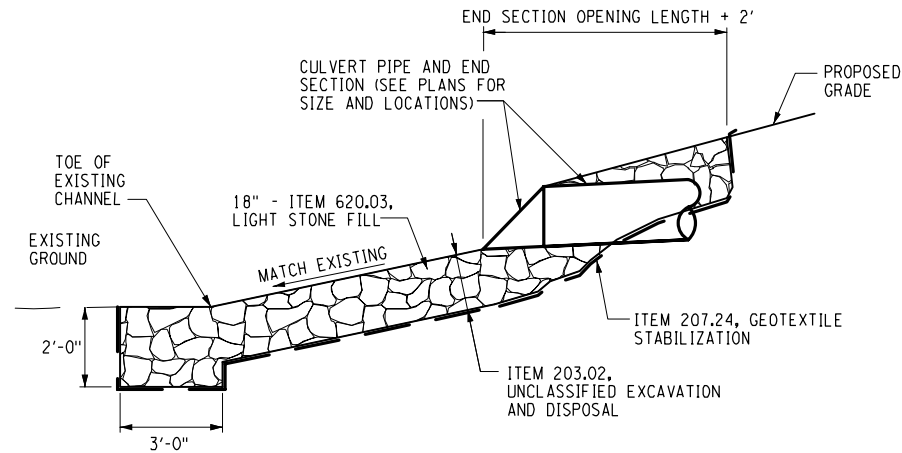
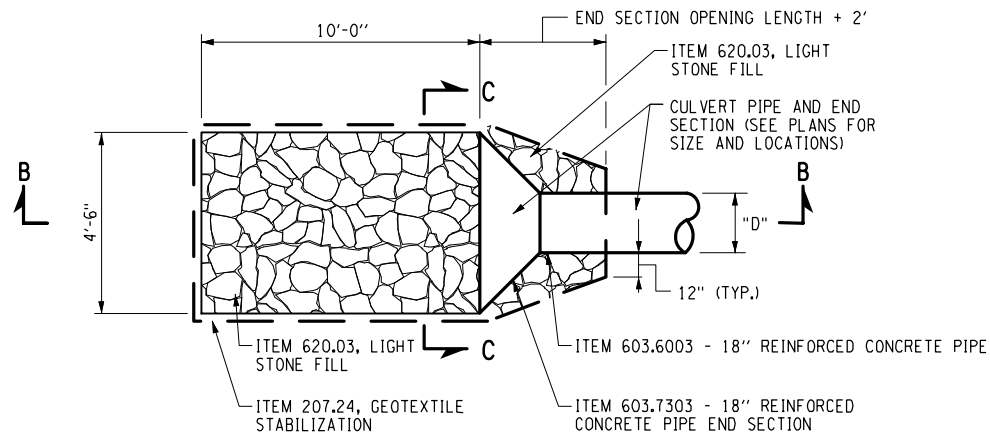
NEW YORK

MISCELLANEOUS
DETAILS - 1

SCALE: NONE
DATE ISSUED: 4/2019
DRAWING
MD-1 R1

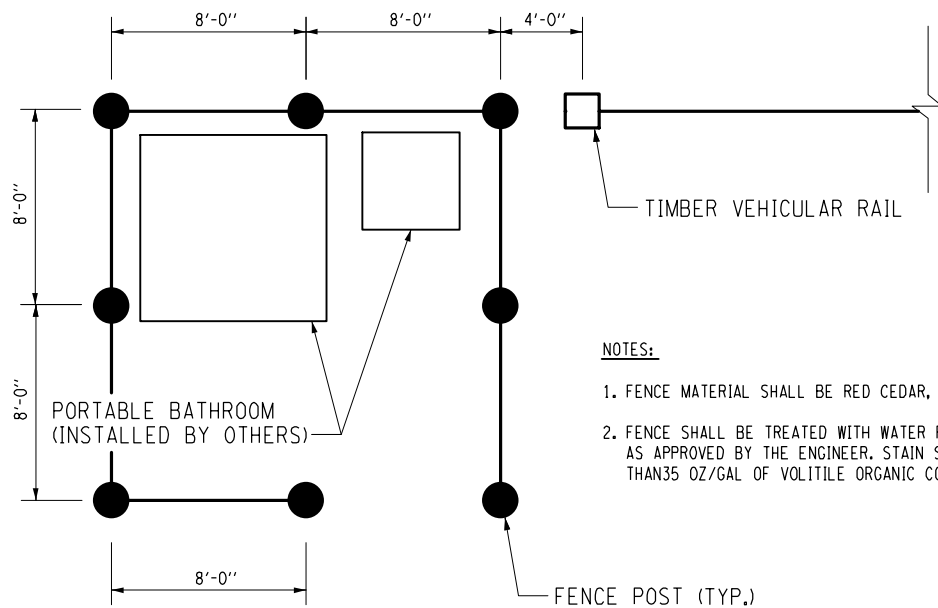
FILE NAME = L:\MNSTN Projects\0300\369\007 - Ashokan Rail Trail\MNSTN\Woodstock Trailhead\Woodstock Trailhead Construction\010_369007008.dwg
DATE = 6/19/2019
TIME = 12:03:08 PM
L:\MicroStation\Workspace\Plot\NYSDOT\SITE NYSDOT SIZE.B.tbl
L:\MicroStation\Bentley V8\Workspace\Plot\755cm-Albany.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY ERB CHECKED BY CMH



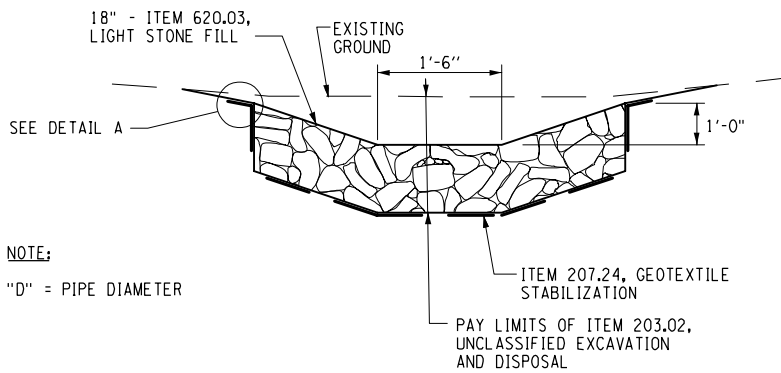
STONE APRON DETAILS

N.T.S.



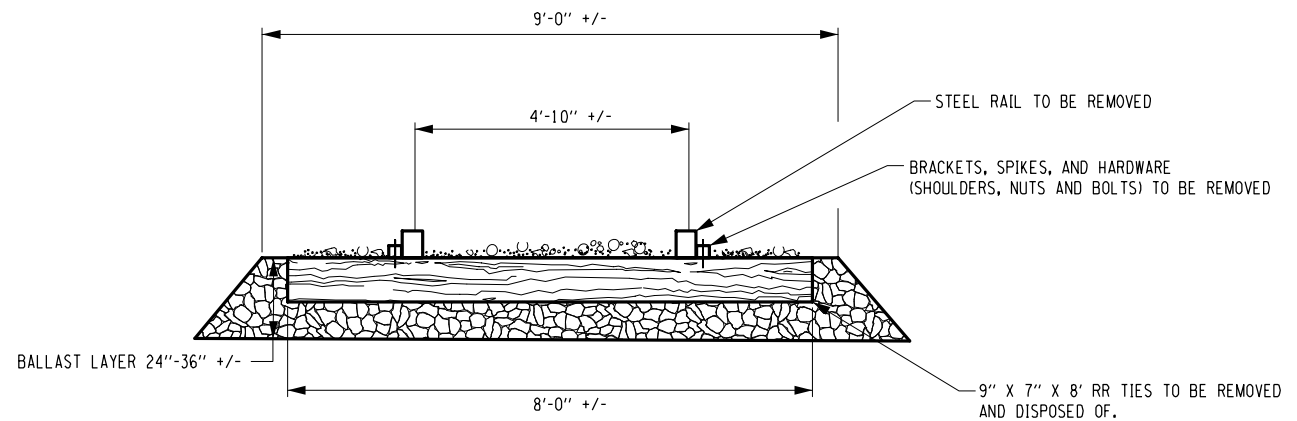
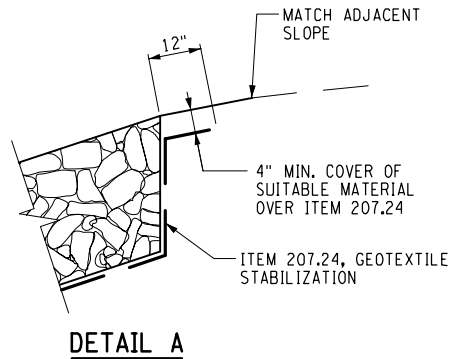
NOTES:

- FENCE MATERIAL SHALL BE RED CEDAR, GRADE D CLEAR OR BETTER.
- FENCE SHALL BE TREATED WITH WATER REPELLENT WOOD STAIN, AS APPROVED BY THE ENGINEER. STAIN SHALL CONTAIN LESS THAN 35 OZ/GAL OF VOLATILE ORGANIC COMPOUNDS (VOC).



NOTE:

"D" = PIPE DIAMETER



NOTES:

- REMOVAL PROCEDURE:
 - REMOVE STEEL TRACK AND HARDWARE
 - REMOVE TIE.
 - GRADE REMAINING BALLAST INPLACE SMOOTH
- AFTER ALL RAILROAD HARDWARE AND TIES HAVE BEEN REMOVED, THE REMAINING BALLAST SHALL BE GRADED SMOOTH TO REMOVE RUTS AND VOIDS FROM WHERE THE TIES WERE REMOVED.
- THE LUMP SUM UNIT PRICE BID FOR ITEM 675.01000023 SHALL INCLUDE THE COST OF ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.
- SEE ADDITIONAL NOTES ON DWG. GCN-1

1



WOODEN BICYCLE RACK
ITEM 615.27573108

NOTES:

- BICYCLE RACK SHALL BE SIMILAR TO THE PHOTO ABOVE. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- THE BICYCLE RACK SHALL BE ANCHORED TO A 4" THICK CONCRETE PAD WHICH EXTENDS 6" IN ALL DIRECTIONS FROM THE BASE OF THE BICYCLE RACK, WHEN VIEWED FROM PLAN VIEW. THE CONCRETE SHALL BE SET ON A SETTING BED OF 6" OF ITEM 304.12
- WOOD USED FOR THE BICYCLE RACK SHALL BE RED CEDAR OR REDWOOD
- THE BID PRICE FOR ITEM 615.27573108 SHALL INCLUDE ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO SATISFACTORILY COMPLETE THE WORK. THIS INCLUDES THE CONCRETE, EXCAVATION, SUBBASE, AND COMPACTION.
- THE BICYCLE RACK SHALL BE ANCHORED TO THE CONCRETE PAD PER MANUFACTURERS INSTRUCTIONS



Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

MISCELLANEOUS
DETAILS - 2

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING
MD-2 R1

NO. DATE BY REVISION

1 6/19 CMH

QUANTITY REDUCTIONS/REVISIONS

10R1
20

FILE NAME = L:\MNSTN\Projects\0300\369\007 - Ashokan Rail Trail\MNSTN\Woodstock Trailhead\Woodstock Trailhead Construction\011-369007\001.dwg
DATE = 6/19/2019
TIME = 12:03:13 PM
L:\MicroStation\Workspace\Plot\NYSDOT\SITE\SIZE.B.tbl
L:\MicroStation\Bentley V8i\Workspace\Plot\755cm-Albany.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH CHECKED BY ERB

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON: 4/17/2019



PLANT LIST

DECIDUOUS TREES (MAJOR) - ITEM 611.0171

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOTS	SHT REF	REMARKS
8	AR	ACER RUBRUM	RED MAPLE	3" - 3.5" DBH	B & B	W PL-1, W PL-2	12'-14' HT.

TRENCHING / EXCAVATION
ZONE 1: CRITICAL ROOT ZONE

1. NO DISTURBANCE ALLOWED WITHOUT SITE-SPECIFIC INSPECTION AND APPROVAL OF METHODS TO MINIMIZE ROOT DAMAGE
2. ROOTS LARGER THAN 2" DIA. SHALL NOT BE SEVERED UNLESS DIRECTED OR APPROVED BY PROJECT ENGINEER
3. TUNNELING OPERATIONS SHALL BE AT A MINIMUM DEPTH OF 3'-0" BELOW GRADE

ZONE 2: DRIPLINE ZONE

1. USE OF HEAVY EQUIPMENT OR MATERIAL STORAGE IS NOT PERMITTED WITHOUT APPROVAL OF PROJECT ENGINEER, AND REQUIRE APPROVED METHOD OF SURFACE PROTECTION.
2. TRENCH OPERATIONS IN ZONE 2 AS FOLLOWS:
-EXCAVATION BY HAND OR HAND-DRIVEN TRENCHER
-LIMIT TRENCH WIDTH TO 1/3 OR LESS OF ZONE 2 LENGTH
3. TRENCHES DEEPER THAN 3'-0" MAY REQUIRE TUNNELING OPERATIONS

ZONE 3: FEEDER ROOT ZONE

1. USE OF HEAVY EQUIPMENT OR MATERIAL STORAGE MAY BE SUBJECT TO APPROVAL OF PROJECT ENGINEER, AND REQUIRE APPROVED METHOD OF SURFACE PROTECTION.
2. TRENCH OPERATIONS WITH HEAVY EQUIPMENT IN ZONE 3 AS FOLLOWS:
-MINIMIZE TRENCH WIDTH
-LIMIT DISTURBED AREAS TO 1/3 TOTAL DISTANCE OF ZONE 3

FENCING/ROOT PROTECTION

CONSTRUCTION FENCING TO BE PROVIDED AND MAINTAINED AT DRIPLINE

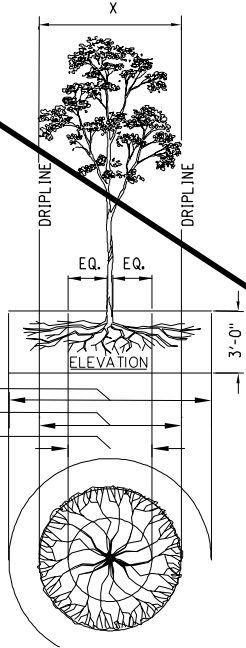
ENGINEER'S APPROVAL REQUIRED FOR USE / ACCESS WITHIN ZONE 2. PERMISSION FOR USE / ACCESS REQUIRES SURFACE PROTECTION FOR ALL UNFENCED, UNPAVED SURFACES WITHIN ZONE 2.

SURFACE PROTECTION MEASURES

WHERE REQUIRED, PROTECTION OF ALL UNPAVED, UNFENCED PLANTING STRIPS OR ROOT ZONES SHALL INCLUDE ONE OF THE FOLLOWING PROTECTION MEASURES

1. 6"-8" DEPTH, LAYER OF APPROVED MULCH
2. SHEETS OF 3/4" PLYWOOD
3. STEEL PLATES

TREE PROTECTION DURING TRENCHING,
TUNNELING, OR EXCAVATION
NTS

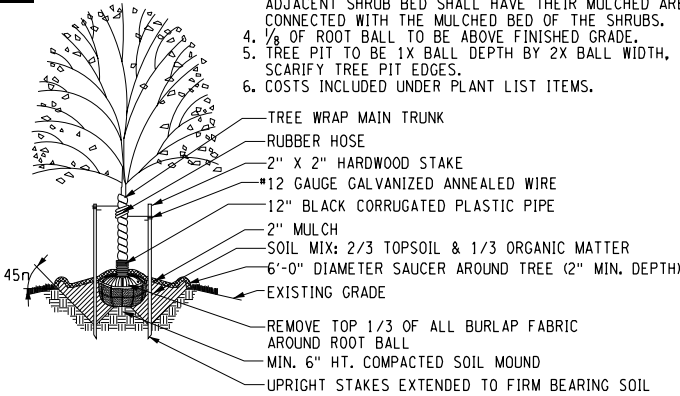


- PLANTING NOTES:
1. CONTRACTOR TO REGRADE SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF WORK.

2. BEDS TO HAVE SMOOTHLY CONTOURED AND CLEANLY DEFINED EDGES. BEDS SHALL BE CURVILINEAR EXCEPT AS NOTED ON PLAN.
3. REMOVE TOP 1/3 OF ALL BURLAP FABRIC AROUND ROOT BALL.
4. COMPLETELY REMOVE ALL STRINGS, RIBBONS, AND TAGS FROM THE PLANTS.
5. SCARIFY ROOTS ON POT BOUND PLANTS.
6. PLANT SPACING VARIES, SEE PLANS; NOTIFY ENGINEER 48 HOURS IN ADVANCE OF PLANTING TO COORDINATE AND APPROVE LOCATIONS PRIOR TO PLANT INSTALLATION.
7. ALL SHRUBS TO BE PLANTED IN MULCHED BEDS.
8. PRUNE ALL BROKEN, DISEASED, AND WEAK BRANCHES.
9. ALL BEDS TO BE COMPLETELY EXCAVATED OF ALL EXISTING SOIL TO REQUIRED DEPTH AND BACKFILLED WITH REQUIRED SOIL MIX.
10. SOIL MIX: 2/3 TOPSOIL AND 1/3 ORGANIC MATTER.

TREE PLANTING NOTES:

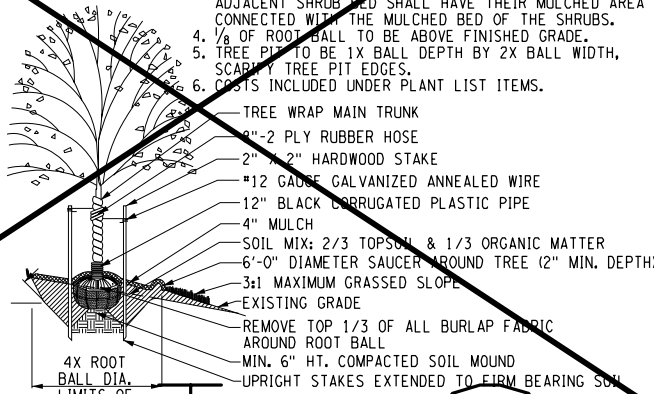
1. CONTRACTOR TO REGRADE SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS OR HER WORK.
2. UPRIGHT STAKES TO BE USED ON TREES UP TO 11'-8" IN HEIGHT. LARGER TREES MUST BE GUYED.
3. TREES WHICH ARE LOCATED WITHIN 4'-0" OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
4. 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
5. TREE PIT TO BE 1X BALL DEPTH BY 2X BALL WIDTH. SCARIFY TREE PIT EDGES.
6. COSTS INCLUDED UNDER PLANT LIST ITEMS.



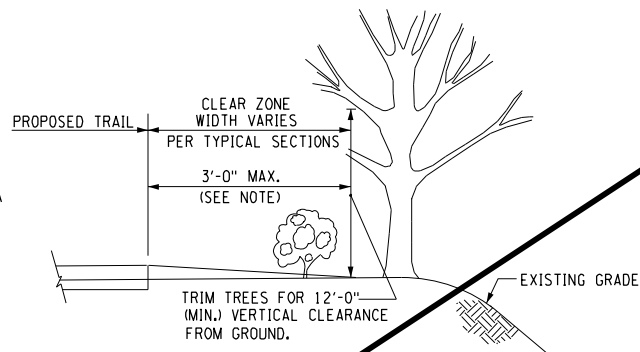
TREE PLANTING
NTS

TREE PLANTING ON SLOPE NOTES:

1. CONTRACTOR TO REGRADE SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS OR HER WORK.
2. UPRIGHT STAKES TO BE USED ON TREES UP TO 12'-0" IN HEIGHT. LARGER TREES MUST BE GUYED.
3. TREES WHICH ARE LOCATED WITHIN 4'-0" OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
4. 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
5. TREE PIT TO BE 1X BALL DEPTH BY 2X BALL WIDTH. SCARIFY TREE PIT EDGES.
6. COSTS INCLUDED UNDER PLANT LIST ITEMS.



TREE PLANTING ON A SLOPE
NTS



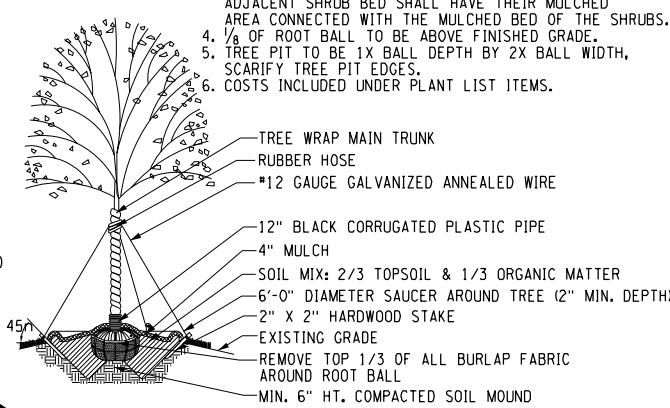
ITEM 201.06 - CLEARING AND GRUBBING
NTS

CLEARING AND GRUBBING NOTES:

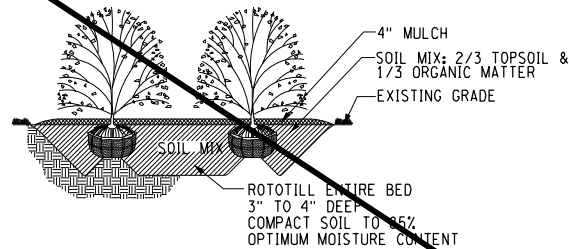
CLEAR AND GRUB FROM EDGE OF PROPOSED TRAIL A MAXIMUM OF 3'-0", OR TO THE TOP OF THE SLOPE BREAK WHICHEVER OCCURS FIRST TO A 12'-0" VERTICAL CLEARANCE (SEE DWGS. TYP-1 THRU TYP-7). CONTRACTOR IS REQUIRED TO CUT LIMBS AT THE BRANCH BASE. ANY EXISTING TREES NOT INDICATED ON THE PLANS FOR REMOVAL AND ARE 6" DIA. OR LARGER WITHIN THE 3'-0" CLEAR AREA SHALL BE TAGGED. APPROVAL FOR THE REMOVAL OF THE TAGGED TREES SHALL BE GIVEN BY THE ENGINEER-IN-CHARGE.

GUYING OF LARGE TREES NOTES:

1. CONTRACTOR TO REGRADE SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS OR HER WORK.
2. UPRIGHT STAKES TO BE USED ON TREES UP TO 12'-0" IN HEIGHT. LARGER TREES MUST BE GUYED.
3. TREES WHICH ARE LOCATED WITHIN 4'-0" OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
4. 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
5. TREE PIT TO BE 1X BALL DEPTH BY 2X BALL WIDTH. SCARIFY TREE PIT EDGES.
6. COSTS INCLUDED UNDER PLANT LIST ITEMS.



GUYING FOR LARGE TREES (12' PLUS)
NTS



SHRUB PLANTING BED
NTS

GENERAL LANDSCAPE NOTES:

1. THE CONTRACTOR SHALL CONDUCT HIS THINNING AND REMOVAL OPERATIONS IN A MANNER TO PREVENT DAMAGE TO TREES AND SHRUBS THAT ARE TO BE PRESERVED. DAMAGE TO VEGETATION THAT IS TO REMAIN WHICH OCCURS DUE TO CARELESSNESS OR NEGLIGENCE SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE. MITIGATION MAY CONSIST OF REPLACEMENT PLANTINGS, PRUNING, AND/OR FERTILIZING. THE ENGINEER IS THE FINAL ARBITER IN THE DETERMINATION OF RESPONSIBILITY AND MITIGATION.
2. VEGETATION THAT IS PROVIDING SIGNIFICANT STABILIZATION AND/OR EROSION CONTROLS SHALL BE RETAINED, UNLESS OTHERWISE DIRECTED.
3. ANY EXISTING MONUMENTS, HISTORIC MARKERS OR SIGNS ENCOUNTERED DURING THINNING AND/OR CLEARING OPERATIONS SHALL BE RETAINED AND PRESERVED. ADDITIONAL CLEARING MAY BE NECESSARY TO IMPROVE VISUAL ACCESS AND AWARENESS OF MARKERS, MONUMENTS, OR SIGNS, A.O.B.E.



Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

MISCELLANEOUS
DETAILS - 3

SCALE: AS SHOWN

DATE ISSUED: 4/2019

DRAWING
MD-3 R1

NO. DATE BY REVISION

1 6/19 CMH QUANTITY REDUCTIONS

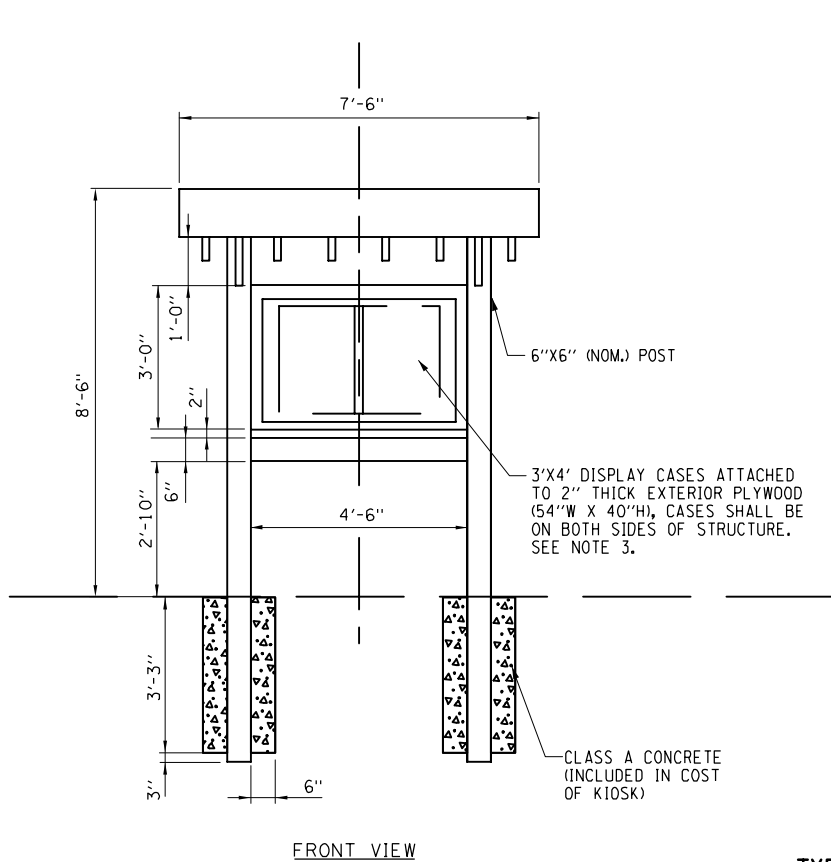
11R1
20

FILE NAME = L:\WINSTN\Projects\0300\369\007 - Ashokan Rail Trail\WINSTN\Woodstock Trailhead\Woodstock Trailhead Construction\012_369007008.dwg
DATE = 6/19/2019
TIME = 12:03:25 PM
L:\MicroStation\Workspace\Plot\NYSDOT\SITE\NYSDOT_SIZE.B.tbl
L:\MicroStation\Bentley\8\Workspace\Plot\755cm-Albany.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH CHECKED BY ERB

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019

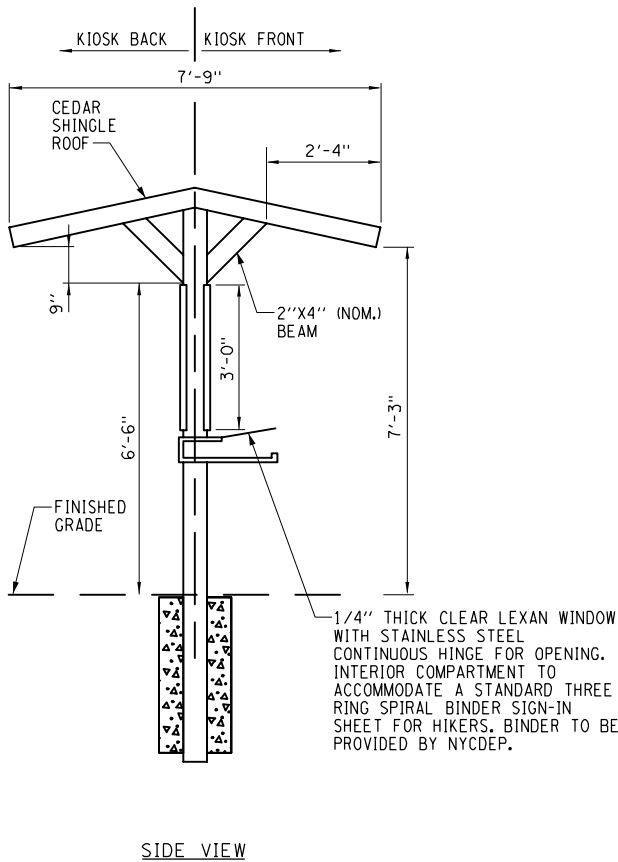




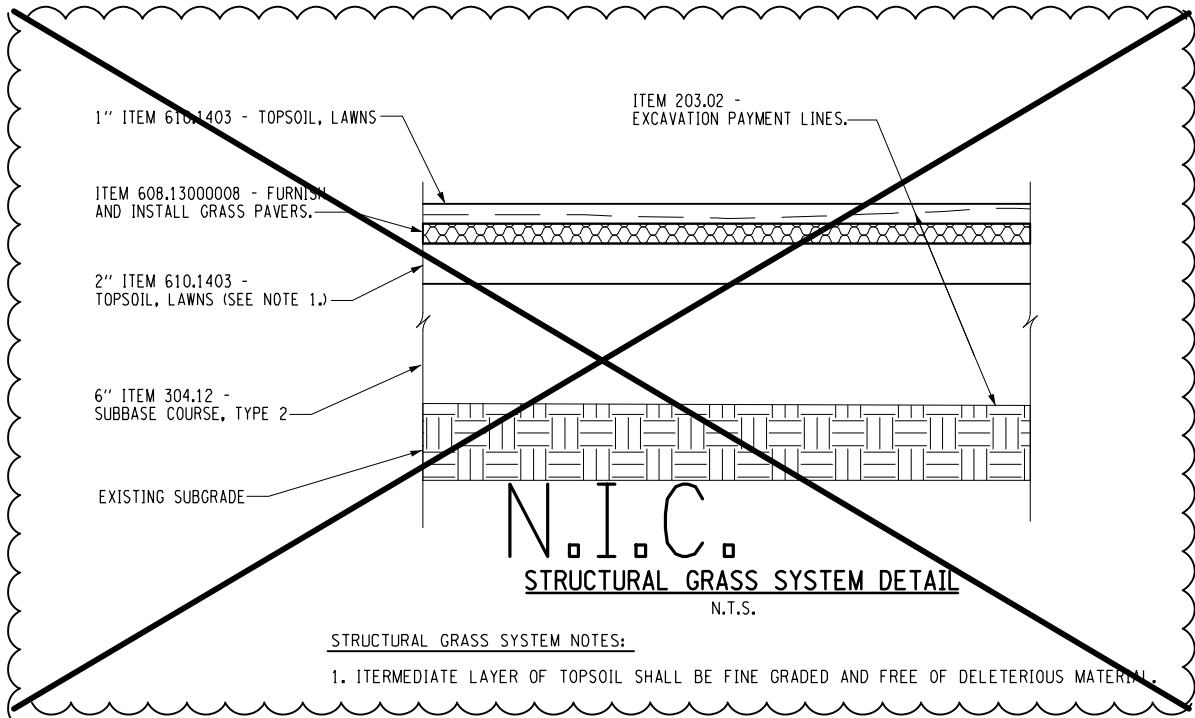
TYPE 2 KIOSK
ITEM 615.10010108
N.T.S.

KIOSK NOTES:

1. THE COST OF ALL LABOR AND MATERIALS NECESSARY TO FABRICATE AND INSTALL THE KIOSK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 615.10010208. SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED BY ENGINEER PRIOR TO FABRICATION.
2. THE WOOD TO BE USED FOR FABRICATION OF KIOSK SHALL BE NATURALLY ROT-RESISTANT, INCLUDING CEDAR, REDWOOD OR CYPRESS. ALL EXPOSED AND CUT EDGES OF WOOD ARE TO BE SEALED. WOOD SHALL BE LEFT NATURAL COLOR AND TREATED IF NECESSARY.
3. DISPLAY CASE FOR KIOSK TYPE 2 SHALL BE BASED ON OPTIMA INC., OUTDOOR ENCLOSED BOARDS-NON ILLUMINATED MODEL NUMBER UV-402, OR APPROVED EQUAL.

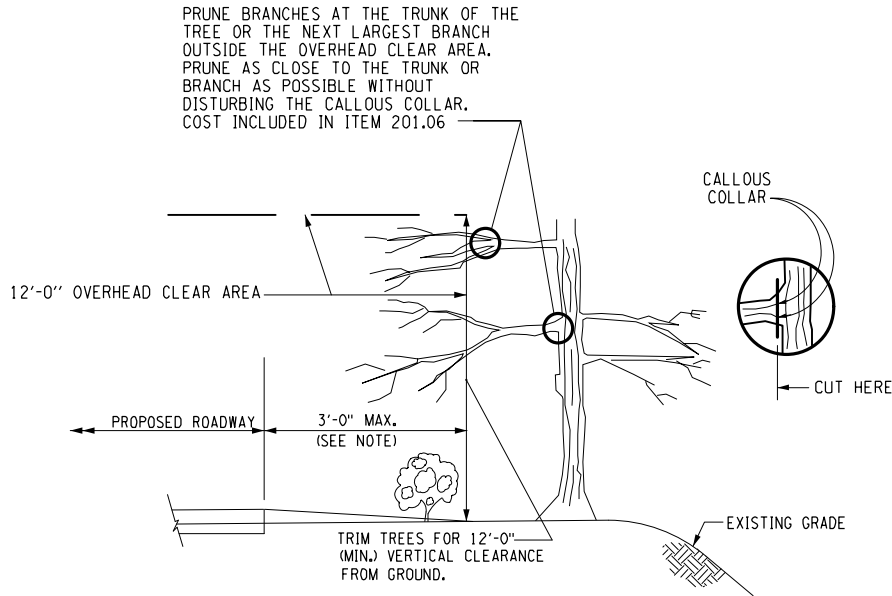


SIDE VIEW



STRUCTURAL GRASS SYSTEM NOTES:

1. INTERMEDIATE LAYER OF TOPSOIL SHALL BE FINE GRADED AND FREE OF DELETERIOUS MATERIAL.



GRUBBING AND CARE OF TREES DETAIL
N.T.S.

TREE NOTES:

1. PRUNING SHALL BE INCLUDED IN PRICE BID FOR ITEM 201.06 AND IN ACCORDANCE WITH SECTION 201 AND CONFORM TO SECTION 614-3.01 SECTION B - CARE OF TREES PRUNING. ALL WORK SHALL BE DONE ACCORDING TO ACCEPTABLE HORTICULTURAL PRACTICES.
2. ADDITIONAL PRUNING MAY BE DONE BEYOND THE LIMITS INDICATED IN ORDER TO OBTAIN ADEQUATE SIGHT DISTANCE, CLEAR VIEW OF SIGNS, OR RETAIN AN AESTHETIC BALANCE IN TREE BRANCHING, A.O.B.E.
3. PRUNE AND GRUB FROM EDGE OF PROPOSED ROADWAY A MAXIMUM OF 3'-0", OR TO THE TOP OF THE SLOPE BREAK WHICHEVER OCCURS FIRST TO A 12'-0" VERTICAL CLEARANCE (SEE DWGS. TYP-1 THRU TYP-7). CONTRACTOR IS REQUIRED TO CUT LIMBS AT THE BRANCH BASE.

12R1
20

NO.	DATE	BY	REVISION	CMH	QUANTITY	REDUCTIONS	REVISIONS
1	6/19						



Barton & Loguidice
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

MISCELLANEOUS DETAILS - 4

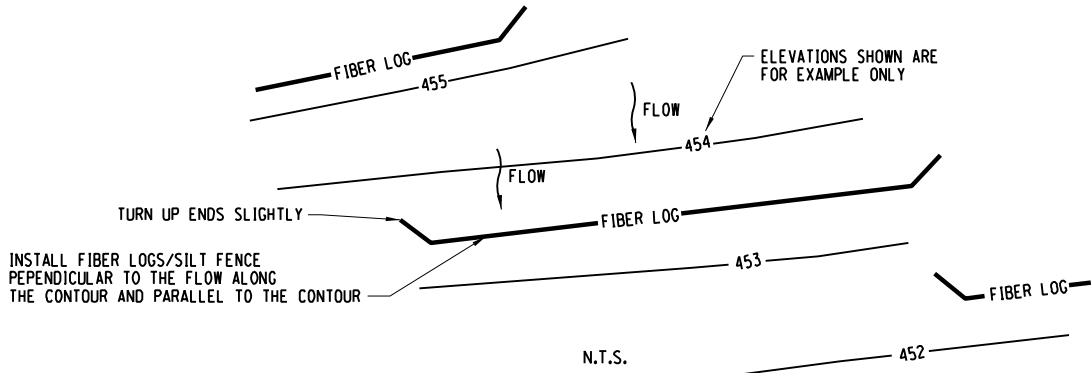
SCALE: AS SHOWN

DATE ISSUED: 4/2019

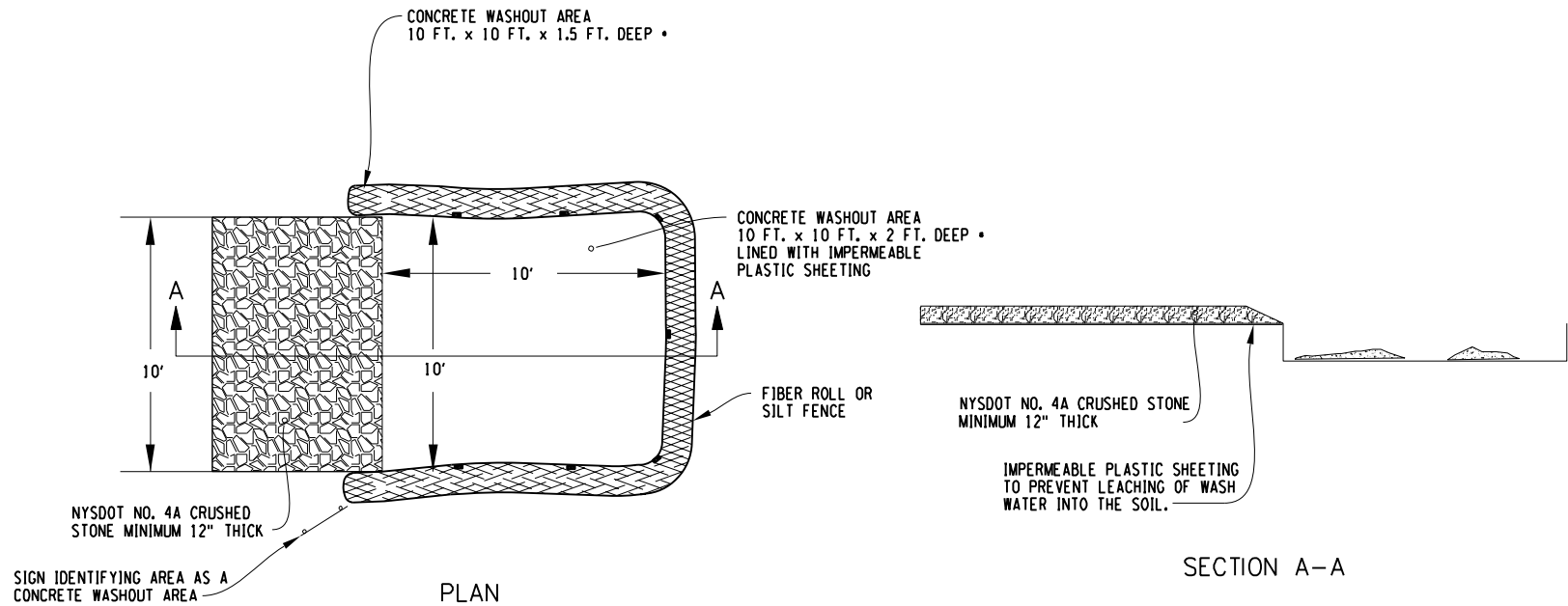
DRAWING MD-4 R1

FILE NAME = \\BLA1b5-r1\CAD\MSTN Projects\0300\369\007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Woodstock Trailhead Construction\03_369\007\001 ESCD 01.dgn
DATE = 6/19/2019
TIME = 12:10:50 PM
L:\MicroStation\WorkSpace\Plot\WYSDOT\WYSDOT.LJ5000.B.04.06.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH CHECKED BY ERB



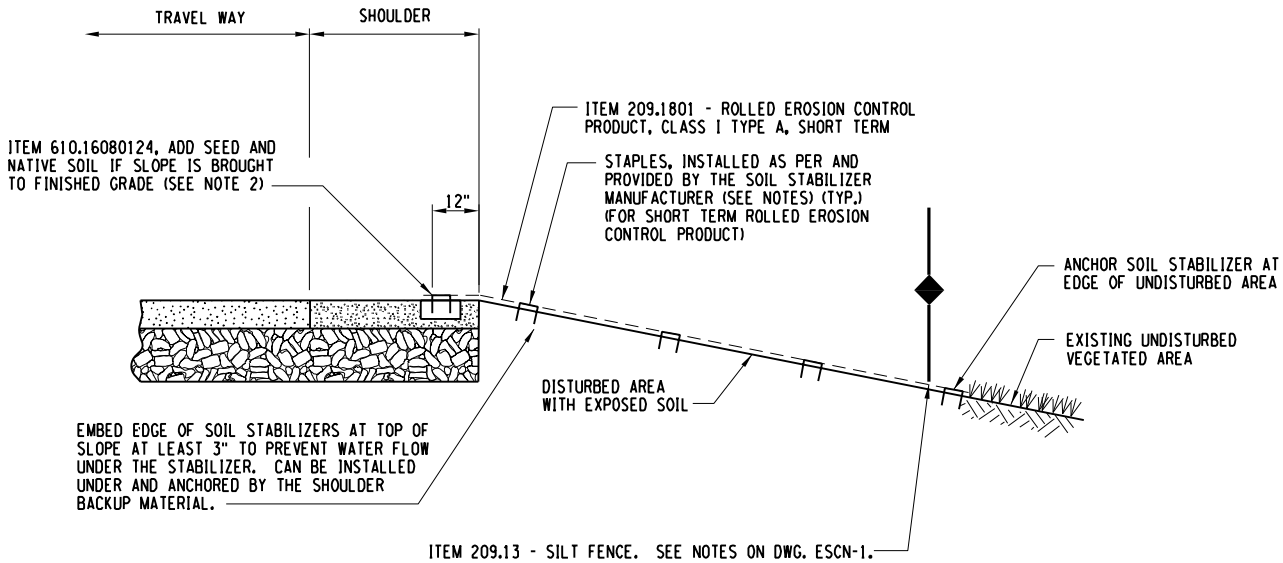
FIBER LOG/SILT FENCE PLAN EXAMPLE



CONCRETE WASHOUT AREA
N.T.S.

NOTES:

1. COST FOR CONCRETE WASHOUT ARE INCLUDED IN VARIOUS ITEMS FOR CONCRETE
2. UNDER NO CIRCUMSTANCES SHALL WASH WATER BE ALLOWED TO INFILTRATE INTO THE SOIL. THIS INCLUDES THE WASHING OF TOOLS, MIXERS, CHUTES, AND ANY OTHER SURFACES THAT HAVE BEEN IN CONTACT WITH FRESH CONCRETE.
3. WASH FACILITY SHALL BE LOCATED A MINIMUM OF 100 FT. FROM ANY DRAINAGE STRUCTURE INCLUDING DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS, AND ANY OTHER SURFACE WATERS AND AS APPROVED BY NYCDEP.
4. WASHOUT AREAS LOCATIONS SHALL BE APPROVED BY THE ENGINEER.



EROSION AND SEDIMENT CONTROL FOR ALL DISTURBED AREAS
TEMPORARY OR PERMANENT
N.T.S.

NOTES:

1. ITEMS IN THIS DETAIL MAY APPEAR EXAGGERATED TO SHOW DETAIL.
2. IF SLOPE IS BROUGHT TO FINISHED GRADE, NATIVE SOIL AND SEEDING SHALL BE INSTALLED PRIOR TO INSTALLING ITEM 209.1801 - ROLLED EROSION CONTROL PRODUCT, CLASS I TYPE A, SHORT TERM. IF SLOPES ARE NOT BROUGHT TO FINISH GRADE THEY ARE TO BE TREATED WITH ITEM 610.16080124 - TURF ESTABLISHMENT - SEED MIX AS SPECIFIED (SEE NOTE 1 ON DWG. ESCN-2) AND 209.100101.
3. ROLLED EROSION CONTROL BLANKETS SHALL BE BIONET S150 BN OR APPROVED EQUAL. PAYMENT WILL NOT BE MADE FOR MATERIALS THAT ARE NOT BIONET S150 BN OR HAVE NOT BEEN APPROVED BY THE ENGINEER, IMPROPERLY INSTALLED, NOT MAINTAINED, DAMAGED BY THE CONTRACTOR AND/OR SUB-CONTRACTORS.
4. ROLLED EROSION CONTROL BLANKETS MUST BE FLUSH AND IN CONTACT WITH THE SOIL AND NOT RAISED BY CLUMPS, WEEDS, STICKS, ECT. AND MUST BE STAPLED SECURELY, AS PER THE MANUFACTURER.
5. ROLLED EROSION CONTROL BLANKETS SHALL BE INSTALLED IN AN UP-DOWN SLOPE DIRECTION, NOT ALONG THE CONTOURS OF THE SLOPE.
6. FOR SLOPES 1V : 6H OR FLATTER, STRAW MULCH MAY BE SUBSTITUTED
7. THE CONTRACTOR SHALL INSTALL EROSION CONTROL ITEMS FOR TEMPORARY STOCKPILES A.O.B.E. NO PAYMENT WILL BE MADE FOR THE INSTALLATION AND MAINTENANCE OF STOCKPILE EROSION CONTROL ITEMS.



PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

EROSION
AND SEDIMENT
CONTROL
DETAILS - 1

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING
ESCD-1

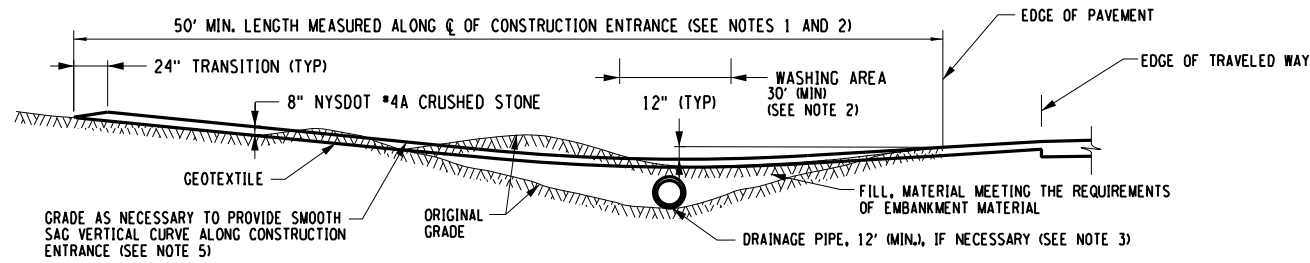
NO. DATE BY REVISION

13
20

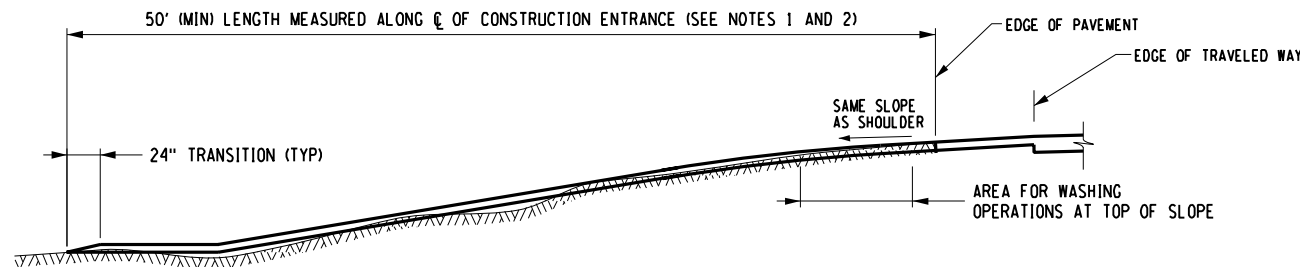
FILE NAME = \\BLAIBS-rr\CAD\MSTN Projects\0300\369\007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Woodstock Trailhead Construction\04_369\007001_ESCD_02.dgn
DATE = 6/19/2019
TIME = 12:11:44 PM
L:\MicroStation\Bentley\08\WorkSpace\Plot\WSDOT\WSDOT_LL5000.B.04_06.plt

IN CHARGE OF TCB
DESIGNED BY ERB
CHECKED BY CMH
DRAFTED BY CMH
ERB
CHECKED BY CMH
ERB

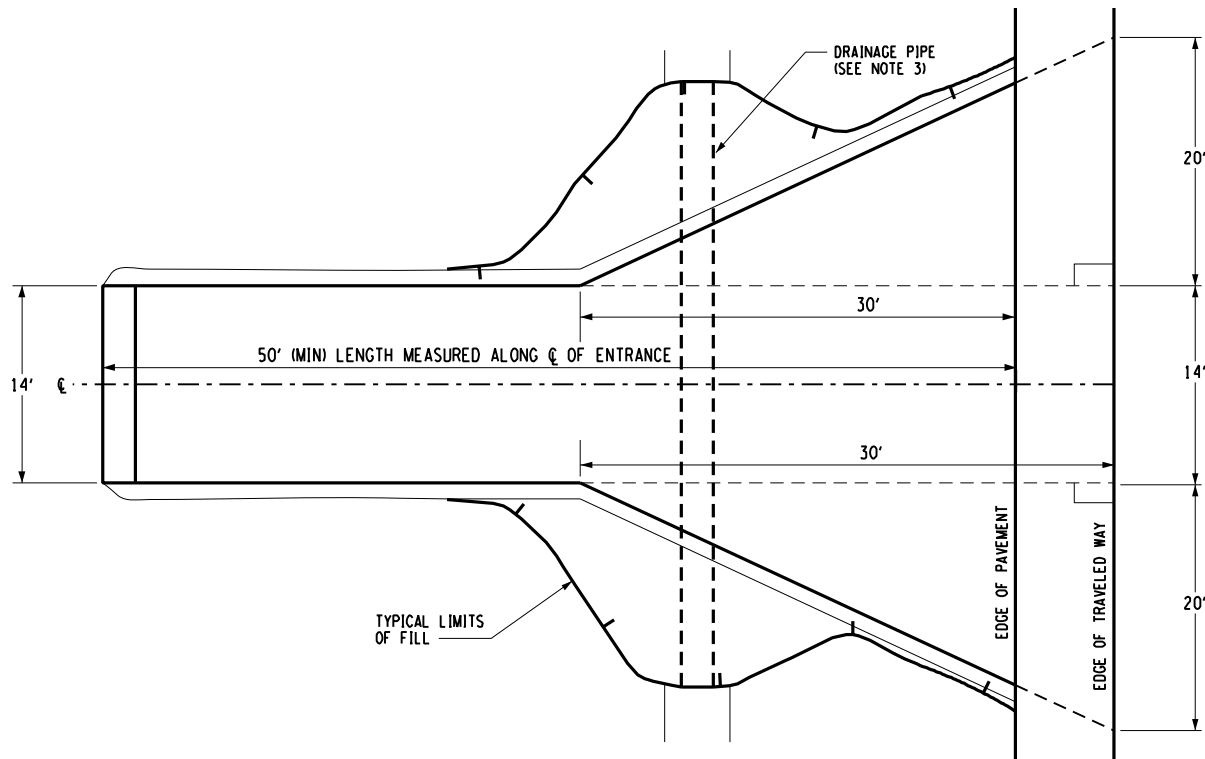
PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



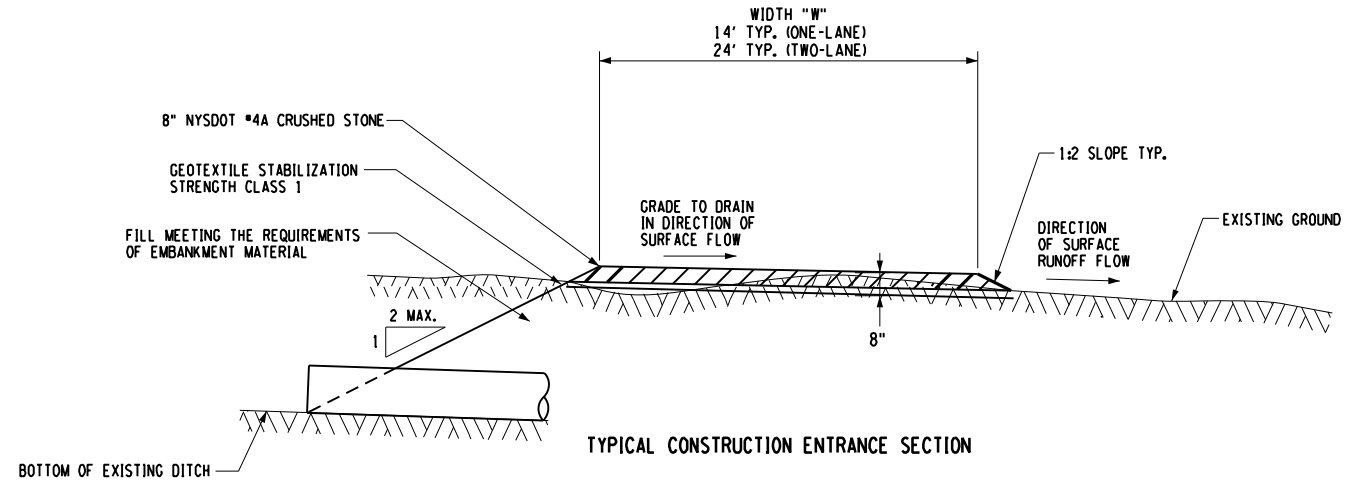
TYPICAL CONSTRUCTION ENTRANCE PROFILE
(CUT AND DITCH SECTIONS)



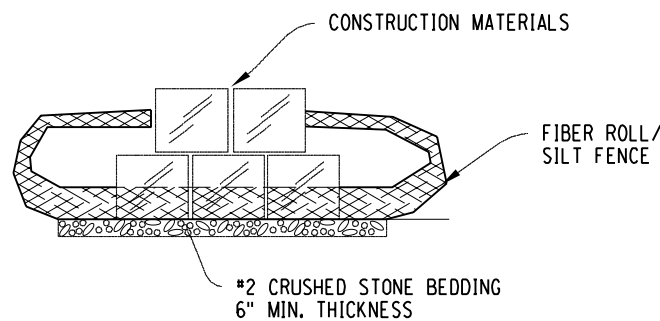
TYPICAL CONSTRUCTION ENTRANCE PROFILE
(FILL SECTIONS)



TYPICAL CONSTRUCTION ENTRANCE PLAN
(CUT/DITCH AND FILL SECTIONS)



TYPICAL CONSTRUCTION ENTRANCE SECTION



CONSTRUCTION EQUIPMENT OR STORAGE AREA DETAIL

N.T.S.

CONSTRUCTION ENTRANCES:

APPLICATION NOTES:

1. THE PURPOSE OF A STABILIZED CONSTRUCTION ENTRANCE IS TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY OR STREETS.

NOTES:

1. MODIFICATIONS MAY BE REQUIRED TO MATCH FIELD CONDITIONS.
2. A 30' WASH AREA SHALL BE PROVIDED. ADDITIONAL GRADING MAY BE REQUIRED TO PROVIDE WASHING AREAS.
3. PROPOSED DRAINAGE PIPES SHALL BE SIZED WITH SUFFICIENT CAPACITY TO CARRY DITCH FLOWS. ALTERNATE WAYS OF TRANSPORTING DITCH DRAINAGE ACROSS CONSTRUCTION ENTRANCES MAY BE PROPOSED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER.
4. THE CONTRACTOR SHALL GRADE TO PREPARE AND SMOOTH ORIGINAL GROUND FOR PLACEMENT OF 8" OF #4A CRUSHED STONE ENTRANCE MATERIAL UP TO THE EDGE OF PAVEMENT.
5. ALL WORK TO CONSTRUCT THE STABILIZED ENTRANCE, INCLUDING GRADING, DRAINAGE PIPE, EXCAVATION, FILL, GEOTEXTILE AND CRUSHED STONE OR GRAVEL SHALL BE INCLUDED IN THE UNIT PRICE BID.
6. 100% CRUSHED STONE MEETING THE NYSOT #4A STONE GRADATION SHALL BE UTILIZED FOR CONSTRUCTION ENTRANCES.
7. ANY TRACKING OF SEDIMENT ONTO ROUTE 28 SHALL RESULT IN THE IMMEDIATE SHUTDOWN OF THE CONSTRUCTION ENTRANCE AND ACCESS ROAD. CORRECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO LIMIT ADDITIONAL SEDIMENT TRACKING ONTO ROUTE 28. THE CONSTRUCTION ENTRANCE AND ACCESS ROAD SHALL NOT BE UTILIZED UNTIL CORRECTIVE MEASURES HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

CONSTRUCTION STORAGE / STOCKPILE AREA:

1. AREA CHOSEN FOR STORAGE OPERATIONS SHALL BE DRY AND STABLE. THE AREA SHALL NOT BE WITHIN THE DRIPLINE OR CANOPY OF TREES. THE LOCATION SHALL BE AS NOTED ON THE DRAWINGS.
2. NO STOCKPILE AREA SHALL BE LOCATED WITHIN FIFTY (50) FEET OF SURFACE WATER, FLOODPLAIN, SLOPE, DRAINAGE FACILITY OR ROADWAY.
3. IF STABLE SURFACE NOT AVAILABLE, THE TOP SIX (6) INCHES OF NATIVE MATERIAL SHALL BE EXCAVATED FROM THE MATERIAL/FUEL STORAGE AREA AND STOCKPILED TO REUSE FOR RESTORATION OF THIS AREA. IN THE AREA EXCAVATED, PLACE SEPARATION FABRIC AND SIX (6) INCHES OF #2 CRUSHED STONE BEDDING, SEE SPECIFICATIONS. IF APPROVED BY THE ENGINEER, USE OF EXISTING GRAVEL AREAS MAY BE USED IN LIEU OF EXCAVATION, STONE, AND FABRIC.
4. FIBER LOGS OR SILT FENCE SHALL BE PLACED FIVE (5) FEET DOWN SLOPE OF STORAGE AREA.
5. REMOVE ALL MATERIALS INCLUDING STONE AND FABRIC WHEN NEED FOR STORAGE IS OVER. RESTORE TO ORIGINAL GRADE WITH STOCKPILED EXCAVATED SOIL (NO FOREIGN DEBRIS).
6. NO PAYMENT WILL BE MADE TO THE CONTRACTOR TO ESTABLISH OR MAINTAIN A STOCKPILE OR STORAGE AREA.



Barton & Loguidice

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW ARTICLE 145 SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

ULSTER COUNTY

NEW YORK

EROSION AND
SEDIMENT
CONTROL
DETAILS - 2

SCALE: NONE

DATE ISSUED: 4/2019

DRAWING

ESCD-2

NO. DATE BY REVISION

14
20

FILE NAME = \\BLAIBS-rr\CAD\MSTN Projects\0300\369.007 - Ashokan Rail Trail\MSTN\Woodstock Trailhead\Woodstock Trailhead Construction\015_369\07\001_WZTC_1.dgn
DATE = 6/19/2019
TIME = 12:12:29 PM
L:\MicroStation\Bentley 18\WorkSpace\Plot\WZTC\WZTC_1.dgn
L:\MicroStation\Bentley 18\WorkSpace\Plot\WZTC\WZTC_1.dgn

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH ERB CHECKED BY CMH

1. GENERAL

- A. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS AS TRANSMITTED BY E1 11-016, THE CURRENT MUTCD INCLUDING REVISIONS AND NEW YORK STATE SUPPLEMENTS (ADOPTED RULE AND PROPOSED RULE), STANDARD SPECIFICATION 729 AS PROVIDED BY E1 11-018, STANDARD SPECIFICATION 730 AS PROVIDED BY E1 07-004, STANDARD SPECIFICATION 704-05 AS PROVIDED BY E1 07-005, AND THE WORK ZONE TRAFFIC CONTROL (WZTC) DETAILS IN THE PLANS AND PROPOSAL OR AOB, AND FURTHER REFERENCED AS THE WZTC STANDARDS.
- B. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PROPOSAL, THE PROVISIONS OF THE NATIONAL MUTCD 2009 AND NEW YORK STATE SUPPLEMENT (ADOPTED RULE AND PROPOSED RULE) SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PROPOSAL ARE TO BE CONSIDERED MINIMAL STANDARDS. WHERE OPTIONS EXIST FOR SIGN SHAPE, THE DIAMOND SHAPE SHALL BE USED.
- C. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE ENGINEER.
- D. "ROAD WORK AHEAD" (W20-1) AND "END ROAD WORK" (G20-2) SHALL BE PLACED IN ADVANCE OF AND AFTER WORK ZONES, UNLESS OTHERWISE SPECIFIED.
- E. IF THE ENGINEER NOTIFIES THE CONTRACTOR OR THE CONTRACTOR'S SUPERINTENDENT OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS TO RESUME.
- F. THE TRAFFIC CONTROL PLANS INCLUDED IN THE CONTRACT DOCUMENTS ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER SERVE AS A GUIDE FOR THE SAFE AND EFFICIENT SEQUENCE OF CONSTRUCTION OPERATIONS. ANY INCIDENTAL ADDITIONS OR REVISIONS TO THE TRAFFIC CONTROL PLAN DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL, OR THE APPROPRIATE PAY ITEM AS APPLICABLE.
- G. PRIOR TO THE START OF ANY WORK OPERATION, ALL RELATED WORK FOR THE TEMPORARY TRAFFIC CONTROL SHALL BE IN PLACE AND COMPLETE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT, DELINEATION, BARRIERS, ROADSIDE DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER WORK AS DIRECTED BY THE ENGINEER.
- H. THE CONTRACTOR SHALL PROVIDE REVOLVING, FLASHING AMBER LIGHTS ON ALL CONSTRUCTION EQUIPMENT AND SUPERVISORY VEHICLES. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

2. PRELIMINARY WORK

- A. PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED WORK ZONE TRAFFIC CONTROL, AS DETERMINED BY THE ENGINEER, SHALL BE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER RELATED WORK.

3. WORK AREA COORDINATION

- A. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL ENSURE THERE IS NO CONFLICT IN SIGNING AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- B. THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK WITH ANY UTILITY WORK, SUBCONTRACTOR WORK, OPERATIONS OR OTHER CONSTRUCTION ACTIVITIES IN THE AREA TO ENSURE THAT THERE ARE NO WORK ZONE TRAFFIC CONTROL CONFLICTS. SEE GENERAL NOTES FOR OTHER CONSTRUCTION PROJECTS AND CONTACTS.

4. CONES, DRUMS, BARRICADES AND MARKERS

- A. WHERE POSSIBLE ALL CHANNELIZING/DELINEATION DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM OF 24" CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE CERTAIN THAT PLACEMENT OF CONES, DRUMS AND MARKERS, OR BARRICADES SHALL NOT INTERFERE WITH SIGHT DISTANCE.
- B. A DRUM MOUNTED WITH A TYPE B FLASHING HIGH INTENSITY WARNING LIGHT SHALL BE PLACED AT A BUMP OR DIP IN THE PAVEMENT (A PAVEMENT CONDITION CONSIDERED BY THE ENGINEER TO BE SUFFICIENTLY ABRUPT ENOUGH TO CAUSE CONSIDERABLE DISCOMFORT, CARGO SHIFTING, OR DEFLECTION OF A VEHICLE FROM ITS TRUE COURSE AT PREVAILING DRIVING SPEEDS), WITH APPROPRIATE ADVANCE "BUMP" SIGNING. THE COST OF THESE DRUMS AND LIGHTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- C. WHERE POSSIBLE A LATERAL BUFFER SPACE OF 1.0' SHOULD BE PROVIDED BETWEEN THE WORK ZONE AND THE LINE OF DELINEATION DEVICES.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



WORK ZONE TRAFFIC CONTROL NOTES

5. LANE CLOSURES

- A. DAILY LANE OR SHOULDER CLOSURES CAN BE UTILIZED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. DAILY LANE CLOSURE SET-UP SHALL CONFORM TO NYS STANDARD DETAILS, SHEET 619-20 AND/OR 619-31 AND A RURAL AREA DESIGN SPEED OF 45 MPH. PAYMENT FOR DAILY LANE AND SHOULDER CLOSURE SHALL BE INCLUDED UNDER ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- B. THERE SHALL BE NO TEMPORARY LANE CLOSURES ON THE DATES LISTED IN SPECIAL EVENTS / HOLIDAY NOTES ON THIS DWG, UNLESS OTHERWISE APPROVED BY THE ENGINEER, COUNTY, AND NYSDOT.

5. SPECIAL EVENT / HOLIDAY NOTES

- A. THERE SHALL BE NO TEMPORARY LANE CLOSURES ON ROADWAY FACILITIES OWNED AND/OR MAINTAINED BY NYSDOT ON THE MAJOR HOLIDAYS LISTED BELOW.
- EXCEPTIONS CAN ONLY BE MADE UNDER THE FOLLOWING CONDITIONS:
- EMERGENCY WORK
 - WORK WITH LONG TERM STATIONARY LANE CLOSURES
 - SAFETY WORK THAT DOES NOT ADVERSELY IMPACT TRAFFIC MOBILITY AND HAS BEEN AUTHORIZED BY THE OFFICE OF TRAFFIC SAFETY & MOBILITY AND THE OWNER.
- CONSTRUCTION ACTIVITIES THAT WILL RESULT IN TEMPORARY LANE CLOSURES SHALL BE SUSPENDED TO MINIMIZE TRAVEL DELAYS ASSOCIATED WITH ROAD WORK FOR MAJOR HOLIDAYS AS FOLLOWS. THE CONTRACTOR SHALL COORDINATE ALL PLANNED CONSTRUCTION ACTIVITIES WITH THE ENGINEER, NYSDOT, AND ULSTER COUNTY AT A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF THE FOLLOWING DATES AND/OR EVENTS:
- 2019
- INDEPENDENCE DAY - THURSDAY, JULY 4 - BEGINNING 6:00AM THURSDAY, JULY 4 AND ENDING 6:00 AM MONDAY, JULY 8
- LABOR DAY - MONDAY, SEPTEMBER 2 - BEGINNING 6:00AM FRIDAY, AUGUST 30 AND ENDING 6:00AM TUESDAY, SEPTEMBER 3

6. SIGNS

- A. THE CORRECT SEQUENCE AND SPACING OF APPROPRIATE SIGNS, WHETHER PERMANENT, TEMPORARY, OR CONSTRUCTION, MUST BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE WZTC STANDARDS AND AS DIRECTED BY THE ENGINEER.
- B. COLORS USED FOR CONSTRUCTION SIGNING (INCLUDING TEMPORARY OR MODIFIED GUIDE SIGNS) SHALL BE BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND WITH THE FOLLOWING EXCEPTIONS:
- EMERGENCY SERVICE MARKERS, ROUTE MARKERS AND THEIR CORRESPONDING AUXILIARY SIGNS SHALL BE THE COLORS SPECIFIED IN THE WZTC STANDARDS. (ANY AUXILIARY SIGNS WHICH ARE NOT INCLUDED SHALL BE BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND). BLANK COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. ANY REGULATORY SIGNS REQUIRED SHALL BE THE COLORS SPECIFIED IN THE WZTC STANDARDS.
- C. IF ADVANCE SIGNING OBSTRUCTS THE VISIBILITY OF THE FLAGGER OR CONFLICTS WITH DRIVEWAYS OR SIDE ROADS, SIGNS SHOULD BE MOVED BACK AS DIRECTED BY THE ENGINEER.
- D. ALL SIGNS NECESSARY FOR WORK ZONE TRAFFIC CONTROL (INCLUDING RELOCATION AND/OR MODIFICATION AND/OR RESTORATION OF EXISTING SIGN PANELS) AS NOTED IN THE PLANS, WZTC STANDARDS, OR AOB SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- E. ANY EXISTING SIGN DAMAGE IS TO BE DOCUMENTED AND ANY SUBSEQUENT SIGN DAMAGE REMEDIED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE DONE, DUE TO THE CONTRACTORS METHODS. TO TEMPORARILY REMOVE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT. REFER TO SECTION 645-17 "COVERING OF SIGNS", IN THE STANDARD SPECIFICATIONS.
- F. ALL CONSTRUCTION SIGNS SHALL BE PLACED WITHIN THE HIGHWAY BOUNDARY AT THE SAME OFFSET FROM THE EDGE OF PAVEMENT AS EXISTING ROAD SIGNAGE.

7. DEP/PUBLIC TRAIL CORRIDOR ACCESS

- A. THE CONTRACTOR SHALL PROVIDE DEP WITH ACCESS (AOB) TO THE TRAIL CORRIDOR AND SHALL MAINTAIN ACCESS THROUGH ALL PHASE WORK AREAS.
- B. THE POSSIBILITY OF RECREATIONAL PERMIT HOLDER ACCESS DURING CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER, DEP AND THE COUNTY. IF ACCESS IS GRANTED TO PERMIT HOLDERS THE CONTRACTOR MAY BE REQUIRED TO DELINEATE ACCESS BY MEANS OF SIGNS, CONES, AND/OR DRUMS. THE COSTS FOR SIGNS AND ANY OTHER DELINEATION AND GUIDING DEVICES (CONES, DRUMS, ETC.) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

8. CONSTRUCTION INGRESS AND EGRESS

- A. VEHICLES, MATERIALS AND/OR EQUIPMENT, INCLUDING OUT OF SERVICE SIGNS, SHALL NOT BE PARKED OR STORED WITHIN 35' OF A ROADWAY USED BY THE GENERAL PUBLIC OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE EIC.
- B. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, AT ALL TIMES, SAFE & ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING HIGHWAYS, AT EXISTING OR AT NEW ACCESS POINTS CONSISTENT WITH THE WORK UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

NO. DATE BY REVISION		15 20	
Barton & Loguidice		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
ASHOKAN RAIL TRAIL PHASE 3	WOODSTOCK DIKE TRAILHEAD	ULSTER COUNTY	NEW YORK
WORK ZONE TRAFFIC CONTROL NOTES			
SCALE: NONE			
DATE ISSUED: 4/2019			
DRAWING WZTC-1			



**Barton
& Loguidice**

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW, ARTICLE 145, SECTION 7209

ASHOKAN RAIL TRAIL PHASE 3

WOODSTOCK DIKE TRAILHEAD

WULSTER COUNTY

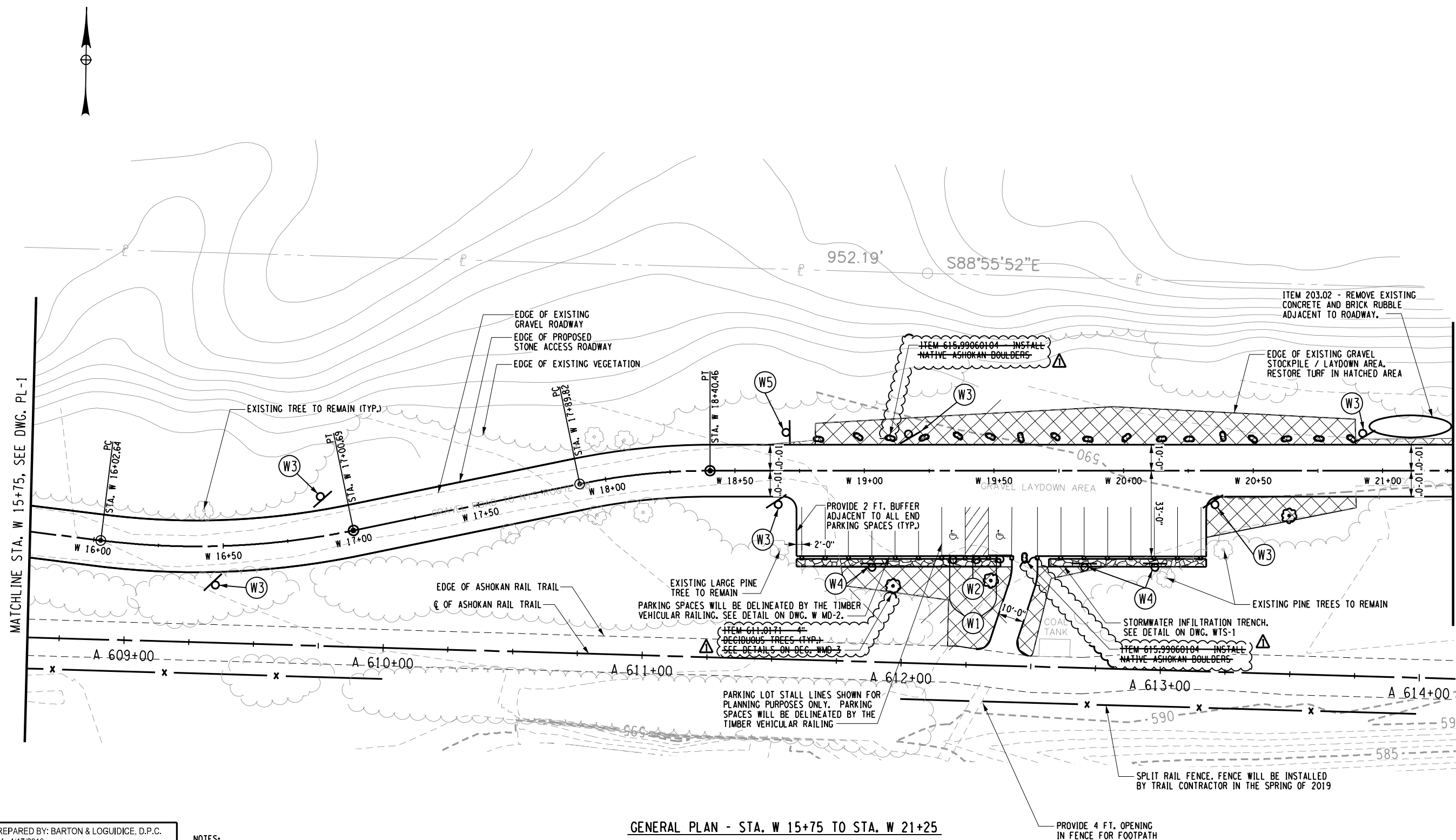
NEW YORK

WOODSTOCK
TRAILHEAD
GENERAL PLAN - 2

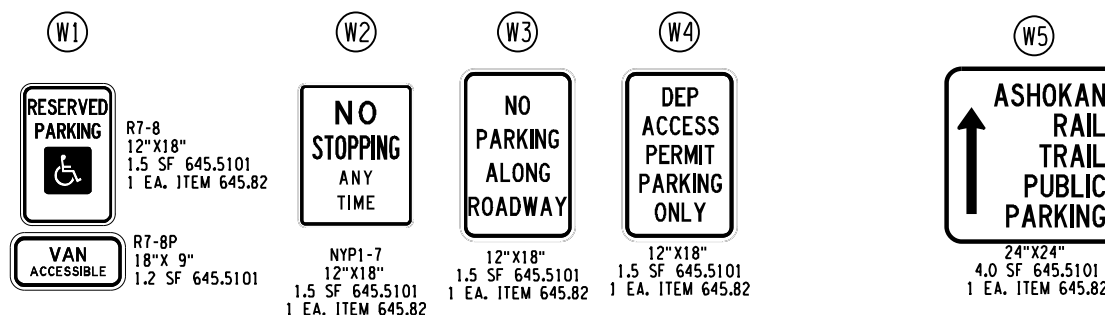
SCALE: 1 : 40

DATE ISSUED: 4/2019

DRAWING
PL-2 R1



GENERAL PLAN - STA. W 15+75 TO STA. W 21+25



0 20 40
SCALE: 1" = 40'-0"

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019

NOTES:

SEE WPL-1 FOR LEGEND AND NOTES



N CHARGE OF	TCB	DESIGNED BY	ERB	CHECKED BY	CMH	DRAFTED BY	ERB	CHECKED BY	CMH
-------------	-----	-------------	-----	------------	-----	------------	-----	------------	-----

```
FILE NAME = \\BLAISvr\\CAD\\MSTN Projects\\0369-007 - Ashokan Rail Trail\\MSTN\\Woodstock Trailhead\\Woodstock Trailhead Construction\\07_369007\\001_PL-2_R1.dgn
DATE = 6/19/2019
TIME = 11:40:11 AM
L:\\MicroStation\\ Bentley V8i, WorkSpace\\Plot\\SITE\\SITE.NYSOOT.SIZE.B.TBL
L:\\MicroStation\\WorkSpace\\Plot\\NYSOOT\\NYSOOT_1J5000.B_04_08.plt
```

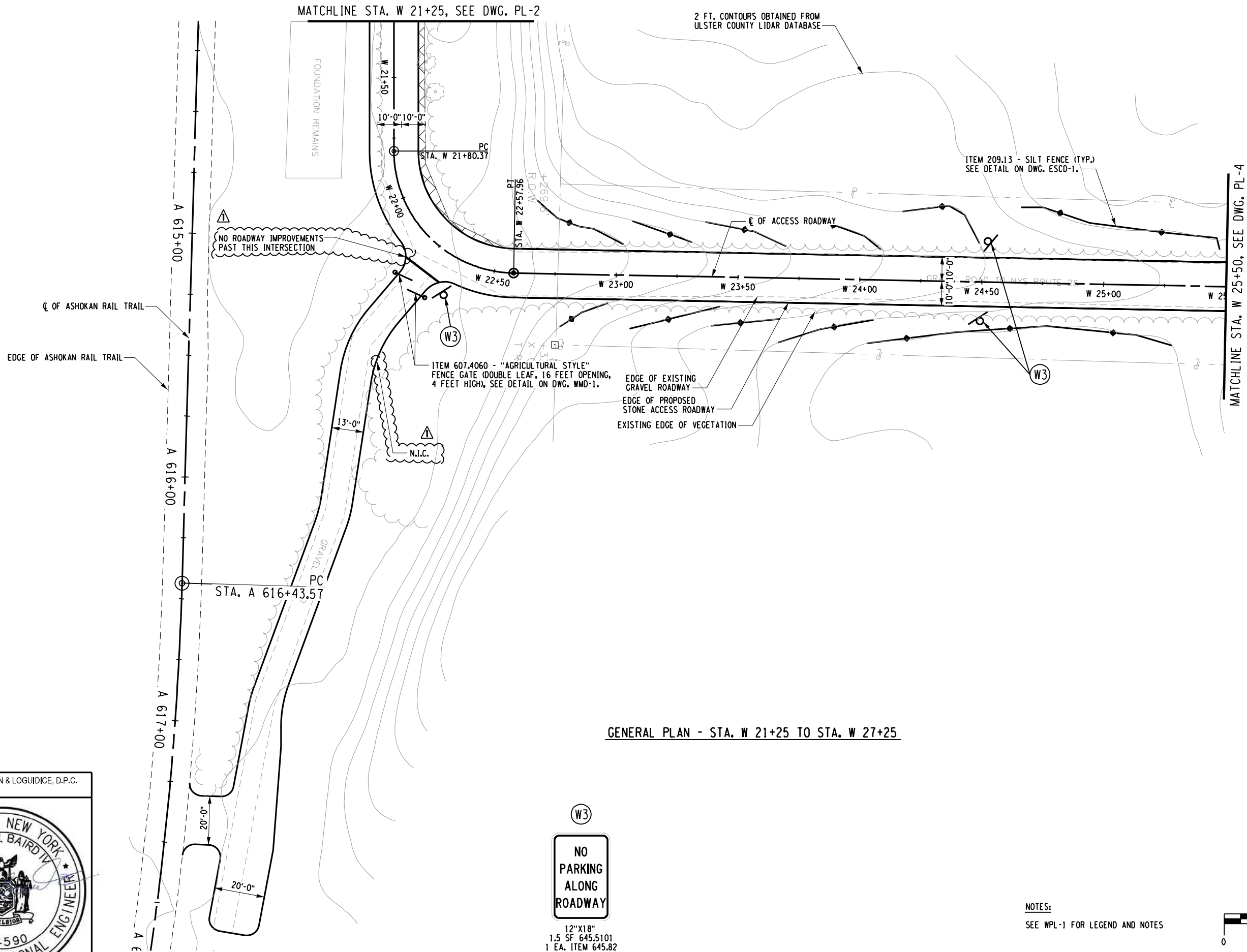
FILE NAME = \\BLAIBS\\r\\CAD\\MSTN Projects\\0300\\369.007 - Ashokan Rail Trail\\MSTN\\Woodstock Trailhead\\Woodstock Trailhead Construction\\0300\\369.007\\0300\\369.007\\PL-3 R1.dgn
DATE = 6/19/2019
TIME = 11:42:49 AM
L:\\MicroStation\\WorkSpace\\Plot\\NYS\\DOT\\NYS\\DOT.LJ5000.B.04.06.plt

IN CHARGE OF TCB DESIGNED BY ERB CHECKED BY CMH DRAFTED BY CMH CHECKED BY ERB

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : 4/17/2019



074590
THOMAS C. BAIRD IV
LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK



18R1 20			NO. DATE BY REVISION			QUANTITY REDUCTIONS/REVISIONS		
1	6/19	CMH						
								
ASHOKAN RAIL TRAIL PHASE 3			WOODSTOCK DIKE TRAILHEAD			ULSTER COUNTY		
WOODSTOCK DIKE TRAILHEAD GENERAL PLAN - 3			SCALE: 1" = 40'			DATE ISSUED: 4/2019		
DRAWING			PL-3 R1			UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209		



IN CHARGE OF _____ TCB _____ DESIGNED BY _____ ERB _____ CHECKED BY _____ CMH _____
DRAFTED BY _____ ERB _____ CHECKED BY _____ CMH _____

A triangle with the number 1 inside it.