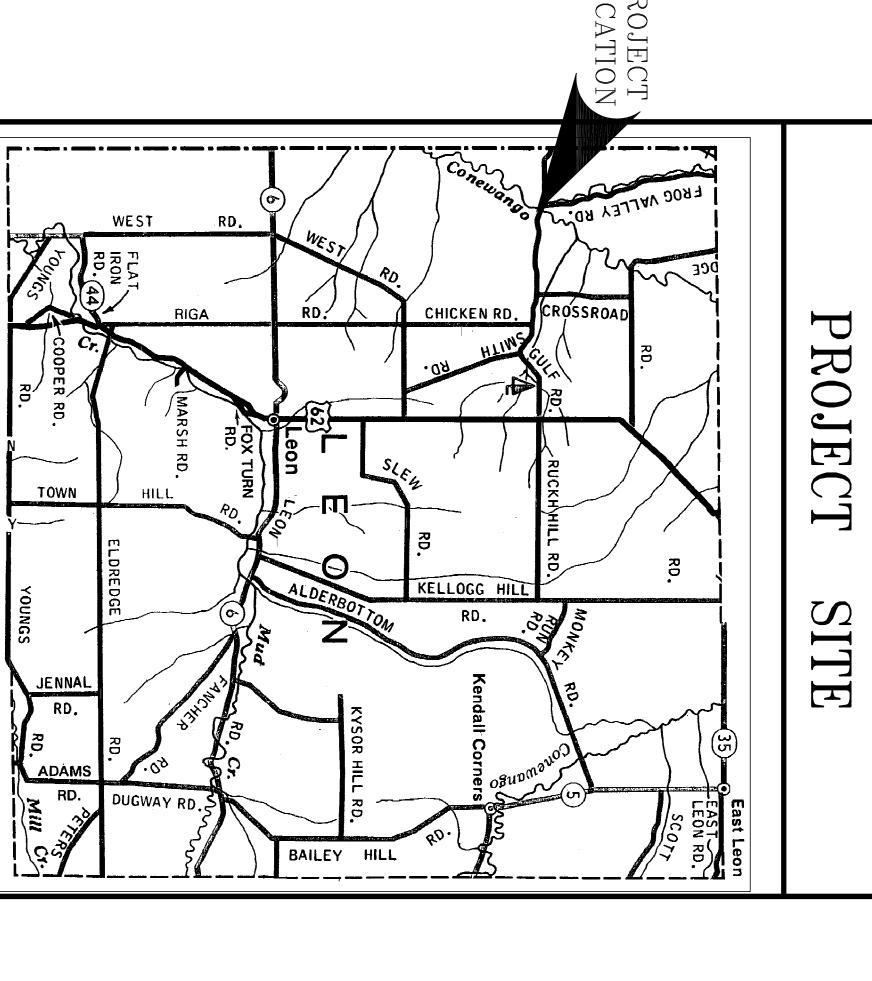
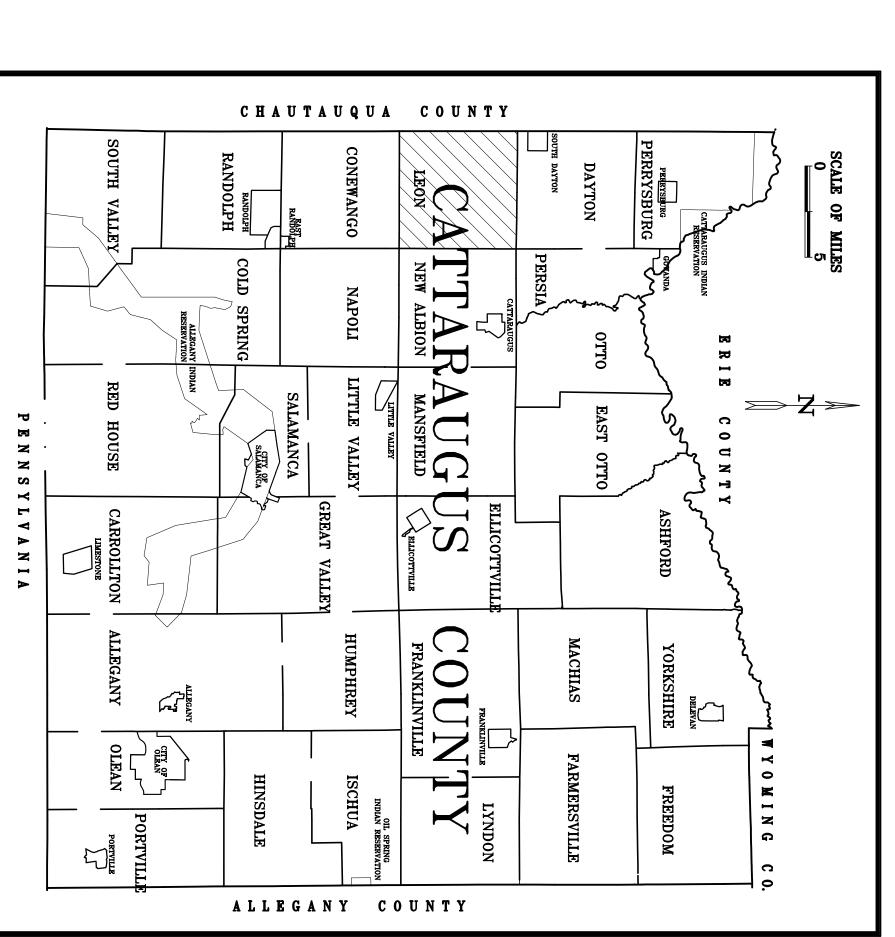
JOSEPH T. PILLITTERE COMMISSIONER 8810 Rt. 242

LE VALLEY, NY 14755

MARK C. BURR, P.E.
DIRECTOR OF ENGINEERING
8810 Rt. 242
LITTLE VALLEY, NY 14755





# SHEET INDEX DESCRIPTION

1 of 10	COVER SHEET
2 of 10	GENERAL NOTES AND QUANTITIES
3 of 10	PLAN VIEW
4 of 10	ROAD & CREEK PROFILES, TYP CHANN. SEC
5 of 10	EXCAVATION & EMBANKMENT
6 of 10	ABUTMENT & WING WALL PLAN
7 of 10	ABUTMENT ELEVATION
8 of 10	SOIL BORINGS
9 of 10	CREEK CROSS SECTIONS
10 of 10	EROSION CONTROL PLAN & NOTES

ITEM         DESCRIPTION         UNIT         EST. QUANI, FINAL QUANI           201.06         CLEARING AND GRUBBING         LS         Nec.           C202.1301         REMOVAL OF EXISTING BRIDGE         LS         Nec.           203.02         UNCLASSIFIED EXCAVATION & DISPOSAL         CY         2120           203.21         SELECT STRUCTURE FILL         CY         2120           203.21         SELECT STRUCTURE FILL         CY         420           209.13         SILI FENCE TEMPORARY         CY         420           209.1501         TURBIDITY CURTAIN         LF         450           209.1501         TURBIDITY CURTAIN         LF         1000           551.13         FURNISHING EQUIPMENT FOR PILE DRIVING         LS         Nec.           552.11         PERMANENT STEEL SHEETING         LS         Nec.           554.0501         STRUCTURAL STEEL         SHEETING         LS         Nec.           619.01         TYPE III CONSTRUCTION BARRICADES         LS         Nec.           625.01         SURVEY AND OPERATIONS         LS         Nec.           699.04         MOBILIZATION (4% MAX)         LS         Nec.		TABLE OF QUANTILES			
CLEARING AND GRUBBING  REMOVAL OF EXISTING BRIDGE  UNCLASSIFIED EXCAVATION & DISPOSAL  SELECT STRUCTURE FILL  STRUCTURE EXCAVATION  TRENCH AND CULVERT EXCAVATION  SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS  MOBILIZATION (4% MAX)	ITEM	DESCRIPTION	UNIT	EST. QUANT	FINAL QUANI
REMOVAL OF EXISTING BRIDGE  UNCLASSIFIED EXCAVATION & DISPOSAL  SELECT STRUCTURE FILL  STRUCTURE EXCAVATION  TRENCH AND CULVERT EXCAVATION  SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  MOBILIZATION (4% MAX)	201.06	CLEARING AND GRUBBING	LS	Nec.	
UNCLASSIFIED EXCAVATION & DISPOSAL         CY         2           SELECT STRUCTURE FILL         CY         CY           STRUCTURE EXCAVATION         CY         CY           TRENCH AND CULVERT EXCAVATION         CY           SILT FENCE TEMPORARY         LF         LT           TURBIDITY CURTAIN         LF         LT           FURNISHING EQUIPMENT FOR PILE DRIVING         LS         LS           PERMANENT STEEL SHEETING         SF         7           STRUCTURAL STEEL         SHEETING         LS           BASIC WORK ZONE TRAFFIC CONTROL         LS         LS           TYPE III CONSTRUCTION BARRICADES         EA         CY           STONE FILLING (HEAVY)         LS         LS           SURVEY AND OPERATIONS         LS         LS           MOBILIZATION (4% MAX)         LS         LS	202.1301	REMOVAL OF EXISTING BRIDGE	LS	Nec.	
SELECT STRUCTURE FILL  STRUCTURE EXCAVATION  CY TRENCH AND CULVERT EXCAVATION  SILT FENCE TEMPORARY  SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  CY  LS  LS  LS  LS  LS  LS  LS  LS  LS  L	203.02	UNCLASSIFIED EXCAVATION & DISPOSAL	СХ	2120	
STRUCTURE EXCAVATION  TRENCH AND CULVERT EXCAVATION  SILT FENCE TEMPORARY  SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  CY  LS  LS  LS  LS  LS  LS  LS  LS  LS  L	203.21	SELECT STRUCTURE FILL	СХ	115	
TRENCH AND CULVERT EXCAVATION  SILT FENCE TEMPORARY  SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  MOBILIZATION (4% MAX)  CY  LS  LS  LS  LS  LS  LS  LS  LS  LS  L	206.01	STRUCTURE EXCAVATION	СХ	420	
SILT FENCE TEMPORARY  TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  MOBILIZATION (4% MAX)	206.02	TRENCH AND CULVERT EXCAVATION	CY	230	
TURBIDITY CURTAIN  FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS  LS  LS  LS  LS  LS  LS  L	209.13	SILT FENCE TEMPORARY	LF	450	
FURNISHING EQUIPMENT FOR PILE DRIVING  PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS  LS  LS  LS  LS  LS  LS  L	209.1501	TURBIDITY CURTAIN	ᄕ	1000	
PERMANENT STEEL SHEETING  STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS  LS  LS	551.13	FURNISHING EQUIPMENT FOR PILE DRIVING	LS	Nec.	
STRUCTURAL STEEL  BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  MOBILIZATION (4% MAX)	552.11	PERMANENT STEEL SHEETING	SF	7965	
BASIC WORK ZONE TRAFFIC CONTROL  TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS	564.0501	STRUCTURAL STEEL	LS	Nec.	
TYPE III CONSTRUCTION BARRICADES  STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS  LS	619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	Nec.	
STONE FILLING (HEAVY)  SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS	619.04	TYPE III CONSTRUCTION BARRICADES	ΕA	35	
SURVEY AND OPERATIONS  MOBILIZATION (4% MAX)  LS  LS	620.05	STONE FILLING (HEAVY)	СҮ	675	
MOBILIZATION (4% MAX)  LS	625.01	SURVEY AND OPERATIONS	LS	Nec.	
	699.04	MOBILIZATION (4% MAX)	LS	Nec.	

NOTE: ALL QUANTITIES ARE FOR THE CONTRACTORS INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY ALL QUANTITIES FOR HIS INFORMATION.

- DESIGN SPECIFICATIONS:

  A. NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF MAY 1, 2017.

  B. AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION,
- LIVE LOAD: HS25
- CONSTRUCTION AND MATERIALS SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED MAY 1, 2017 WITH CURRENT ADDITIONS AND MODIFICATIONS. EXCEPTION TO ANY OF THE LISTED ITEM NUMBERS PREFIXED SUFFIXED WITH "C" ARE NOTED IN THE SPECIAL SPECIFICATIONS.
- NO CHANGES IN MAINTENANCE JURISDICTION WILL BE CREATED BY THIS PROJECT.
- HIGHWAY CLASSIFICATION RURAL LOCAL
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARING HIS BID PROPOSAL TO FAMILIARIZE HIMSELF WITH THE CONDITIONS THAT EXIST.
- THE LOAD RATINGS ARE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR CONDITION EVALUATION OF BRIDGES 1994" WITH ALL INTERIM PROVISIONS IN EFFECT.
- THE COST OF WATER USED FOR COMPACTION OF SELECT FILL ITEMS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 SELECT STRUCTURE FILL.
- 10. THE COST OF , PRICES BID FOI OTHERWISE SPE OF ALL JOINT MATERIAL SHALL BE INCLUDED IN THE UNIT FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS SPECIFIED ON THE PLANS.
- ALL WORK ON THIS PROJECT IS TO BE CONDUCTED WITHIN THE ROAD RIGHT-OF-WAY AND/OR EASEMENT LIMITS. ANY DAMAGE CREATED BY THE CONTRACTOR OR HIS REPRESENTATIVES OUTSIDE THE ROAD RIGHT-OF-WAY, SHALL BE REPAIRED TO THE OWNER'S REPRESENTATIVE'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE.
- ALL AREAS DISTURBED OUTSIDE OF THE WORK AREA ARE TO BE TOPSOILED AND SEEDED. TO THE REQUIREMENTS OF ITEM 610.0203 AND 613.0101 AT THE CONTRATOR'S EXPENSE.
- THE CONTRACTOR SHALL RESET ALL DAMAGED SURVEY PROPERTY PINS AND SUBMIT CERTIFICATIONS OF ACCURACY BY A LICENSED LAND SURVEYOR REGISTERED IN THE STATE OF NEW YORK.

12.

UTILITIES — THERE ARE NO UTILITY RELOCATIONS AS PART OF PROJECT.

13.

### REMOVAL NOTES

- EXISTING SUBSTRUCTURE, SUPERSTRUCTURE, BRIDGE RAILING AND APPROACH RAILING SHALL BE REMOVED WITHIN THE LIMITS SHOWN THE PLANS UNDER ITEMS C202.1301.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SUBSECTION 202-3.01 GENERAL AND SAFETY REQUIREMENTS, A REMOVAL PLAN, SIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK, SHALL BE SUBMITTED TO THE ENGINEER FIFTEEN (15) DAYS PRIOR TO BEGINNING THE DEMOLITION. THE REQUIREMENT THAT IT BE SIGNED BY A PROFESSIONAL ENGINEER IS WAIVED.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. EXCAVATION BELOW THE PLANNED BOTTOM OF STEM ELEVATION WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. BACKFILL OF UNAUTHORIZED EXCAVATIONS BELOW OR BEYOND THE PAYMENT LINES WILL BE AT THE CONTRACTOR'S EXPENSE. BACKFILL MATERIAL WILL BE AS DIRECTED BY THE ENGINEER.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR DAILY AT NO COST TO THE COUNTY.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS OF THE CONTRACT.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- RECORD PLANS FOR THIS STRUCTURE ARE NOT AVAILABLE

## FOUNDATION NOTES:

- SUBSURFACE EXPLORATION PROJECT. LOCATION OF THO ON SHEET 8. IE BORING AND BORING LOGS ARE INCLUDED
- 2. IF ANY OBSTRUCTIONS TO PILE DRIVING ARE ENCOUNTERED WITHIN 10 FEET OR LESS FROM THE BOTTOM OF THE ABUTMENT, THE CONTRACTOR SHALL, IF ORDERED BY THE ENGINEER, PULL THE PARTIALLY DRIVEN PILE OR PILES AND REMOVE THE OBSTRUCTION, BACKFILLING THE HOLE WITH APPROVED SUITABLE MATERIAL WHICH SHALL BE THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. HOWEVER, NO PARTIALLY DRIVEN PILE SHALL BE REMOVED UNTIL THE ENGINEER IS SATISFIED THAT THE CONTRACTOR HAS MADE EVERY EFFORT TO DRIVE THE PILE THROUGH THE OBSTRUCTION. PAYMENT FOR THE EXCAVATION WILL BE MADE AT THE UNIT PRICE BID FOR THE STRUCTURE EXCAVATION ITEM. NO OTHER EXTRA PAYMENT WILL BE MADE FOR THIS WORK.

CK.

MCB

THE USE OF MECHANICAL THE STRUCTURE. PILE SPLICES SHALL NOT BE ALLOWED ON

## SUBSTRUCTURE NOTES

- HIGHWAY EMBANKMENT MATERIAL (HIGHWAY ESTIMATE) AND SELECT STRUCTURE FILL SHALL BE PLACED SIMULTANEOUSLY, IN CONTACT, BOTH SIDES OF THE VERTICAL PAYMENT LINE. 9
- ALL SELECT STRUCTURAL FILL AND SUBBASE MATERIAL COMPACTED TO 95% OF MAXIMUM DRY DENSITY.

## PROTECTION NOTES

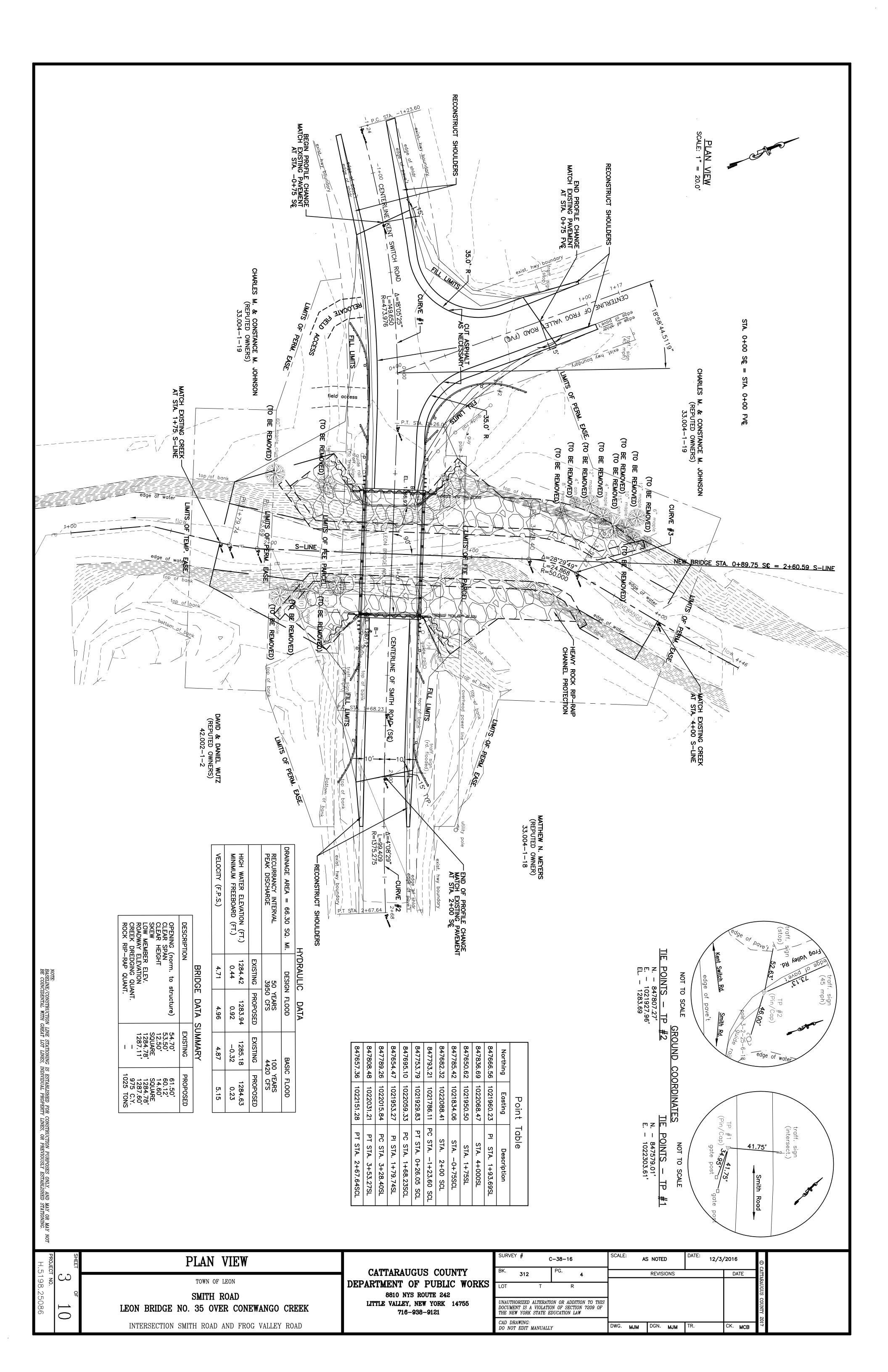
- 1. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.
- CONEWANGO CREEK IS DESIGNATED STANDARDS. AS "C" BY THE WATER QUALITY

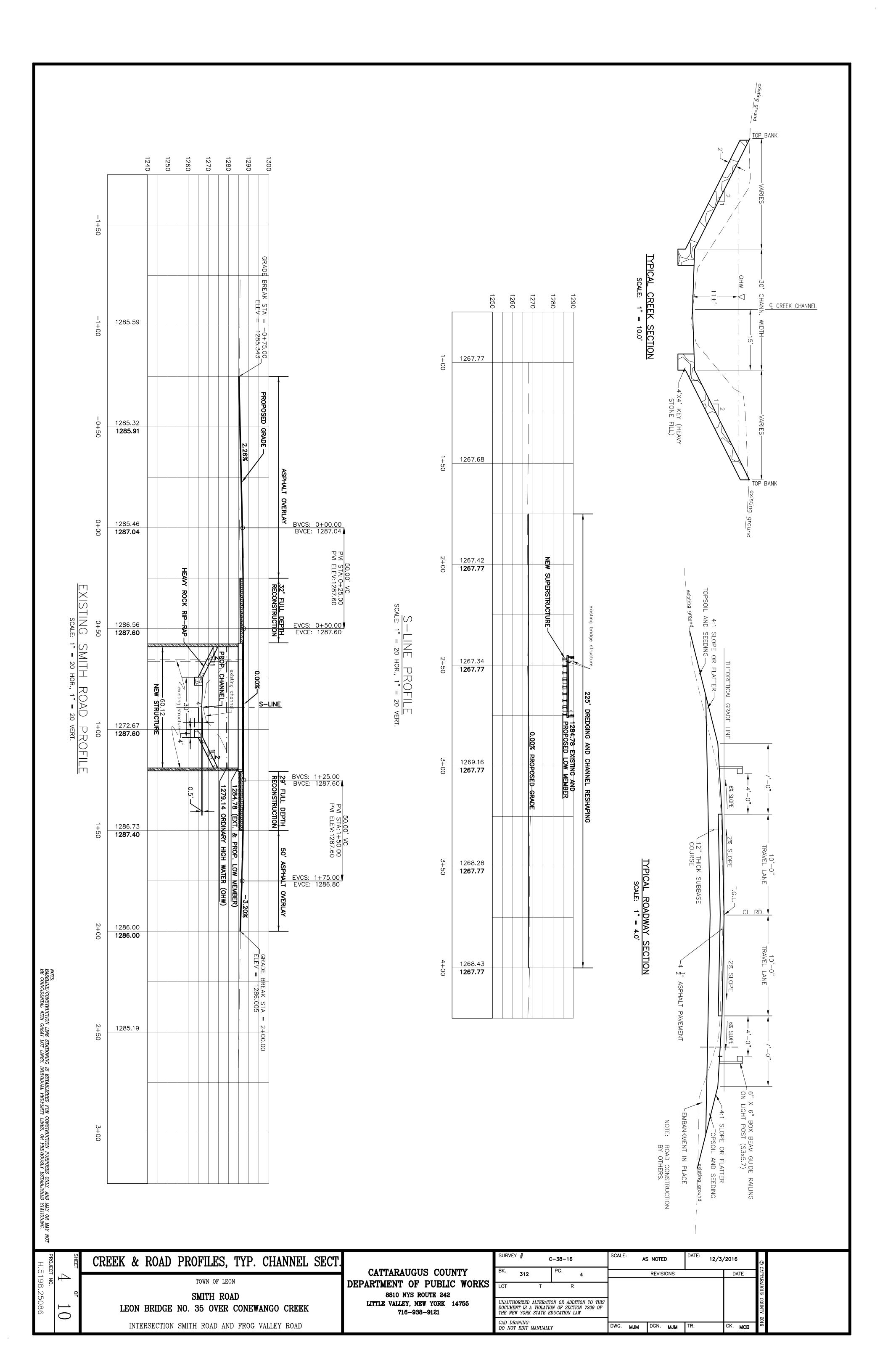
### MAINTENANCE AND PROTE CTION 유 TRAFFIC NOTES:

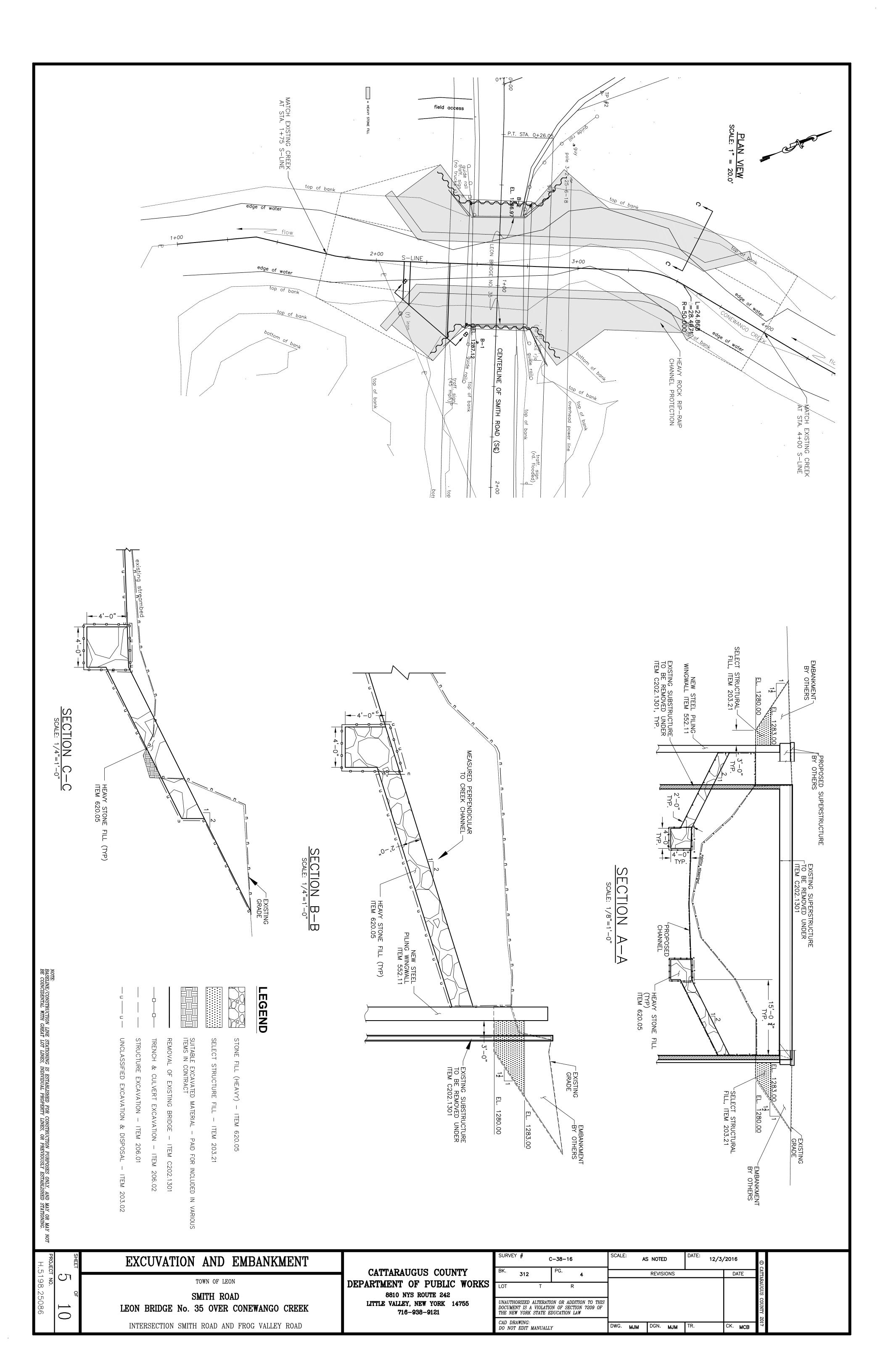
THE CONTRACTOR SHALL CLOSE THE BRIDGE AND MAINTAIN THE BRIDGE CLOSURE AND ALL SIGNAGE WITHIN 500 FEET OF THE BRIDGE. THE COUNTY SHALL POST AND MAINTAIN THE DETOUR AND ALL SIGNAGE BEYOND 500 FEET OF THE BRIDGE. SEE DETOUR PLAN IN SPECIFICATION BOOK FOR CLOSURE DETAILS.

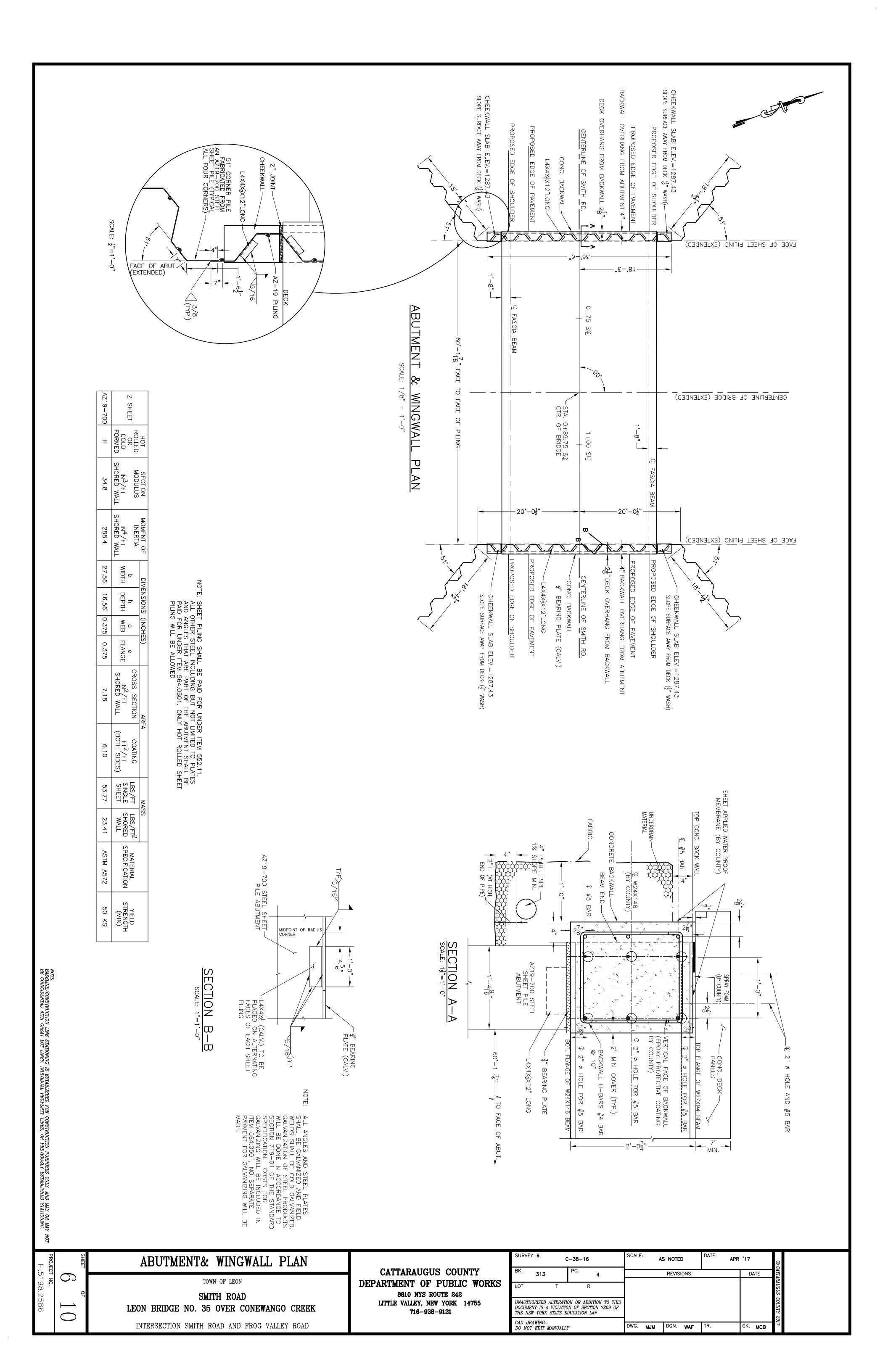
12/3/2016 DATE

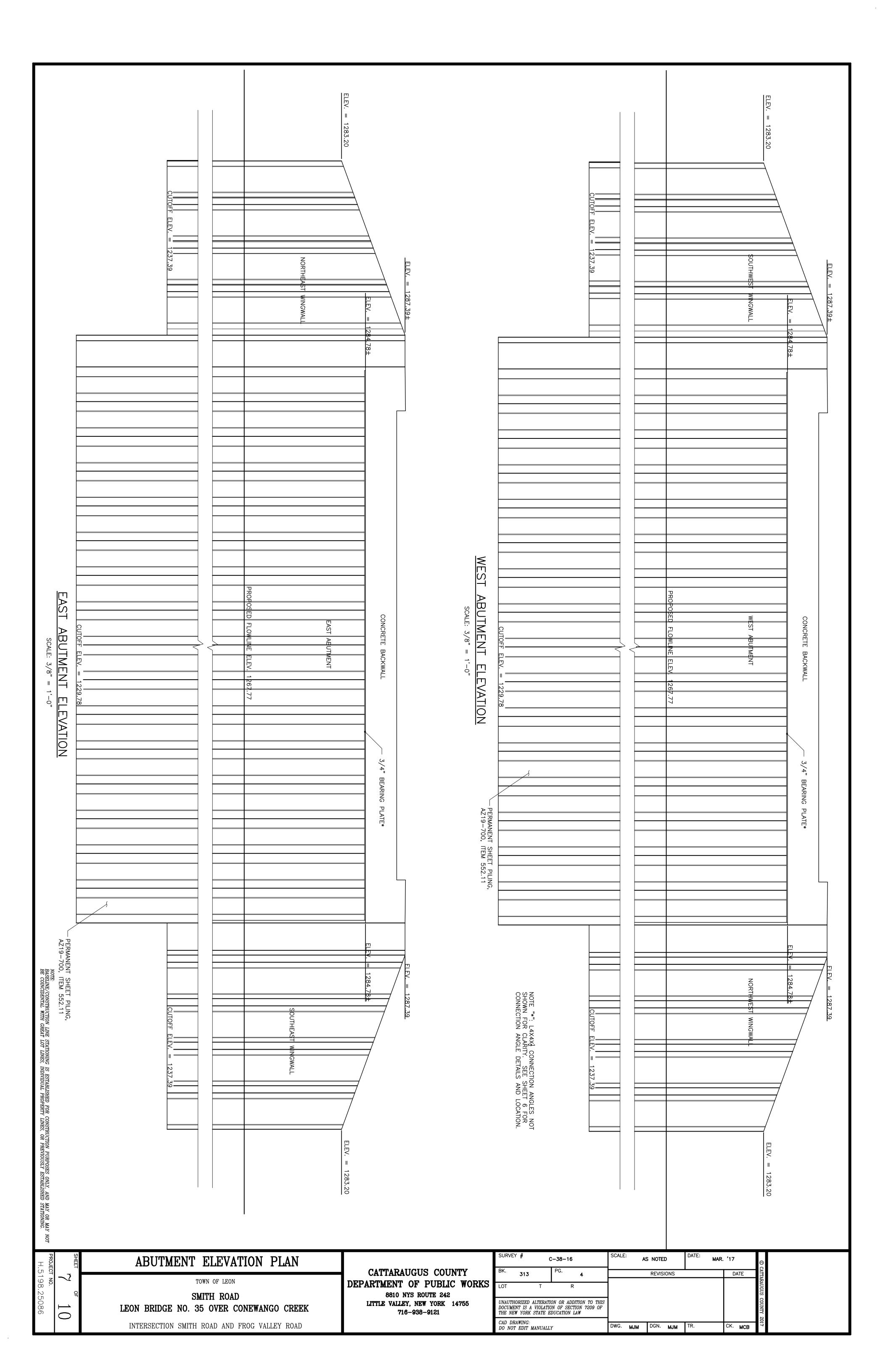
RUCTION LINE STATIONING IS ESTABLISHED FOR CONSTRUCTION PURPOSES ONLY, AND MAY OR MAY NOT, WITH GREAT LOT LINES, INDIVIDUAL PROPERTY LINES, OR PREVIOUSLY ESTABLISHED STATIONING.	SH		CTION OF TRAFFIC NOTES:  SE THE BRIDGE AND MAINTAIN THE BRIDGE  "ITHIN 500 FEET OF THE BRIDGE. THE  NTAIN THE DETOUR AND ALL SIGNAGE RIDGE. SEE DETOUR PLAN IN SPECIFICATION	NTRACTOR SHALL NOT RETURN DIRECTLY TO SICH HAS BEEN USED FOR WASH PURPOSES TIONS WHICH CAUSE THIS WATER TO SAND, SILT, CEMENT, OIL, OR OTHER RACTOR USES WATER FROM A STREAM, THE TRUCT AN INTAKE OR TEMPORARY DAM DEPARTED AS "C" BY THE WATER QUALITY	ES  CONSTRUCTION, THE CONTRACTOR SHALL SUCH A MANNER AS TO PREVENT OR Y DAMAGE TO ANY STREAM FROM DIMENT, OR OTHER FOREIGN MATERIAL, OR SUIPMENT AND/OR MATERIALS IN OR NEAR	ALL BE	TERIAL (HIGHWAY ESTIMATE) AND SELECT SALECT ON STATE OF THE SELECT OF TH	SPLICES SHALL NOT BE ALLOWED ON	AVATION WILL BE MADE AT THE UNIT PRICE BID  AVATION ITEM. NO OTHER EXTRA PAYMENT  WORK.
PROJECT	Ē	GENERAL NOTES AND QUANTITIES	CATTAE	RAUGUS COUNTY	BK. <b>312</b>	C-38-16		AS NOTED  REVISIONS	<u></u>
198.		TOWN OF LEON		DEPARTMENT OF PUBLIC WORKS					
DJECT NO. H.5198.25086		SMITH ROAD LEON BRIDGE No. 35 OVER CONEWANGO CREEK	LITTLE VA	8810 NYS ROUTE 242 LITTLE VALLEY, NEW YORK 14755 716-938-9121		ATION OR ADDITION TO THIS TION OF SECTION 7209 OF EDUCATION LAW			
		INTERSECTION SMITH ROAD AND FROG VALLEY ROAD			CAD DRAWING: DO NOT EDIT MANUA	LLY	DWG. MJI	M DGN. MJM	TR.

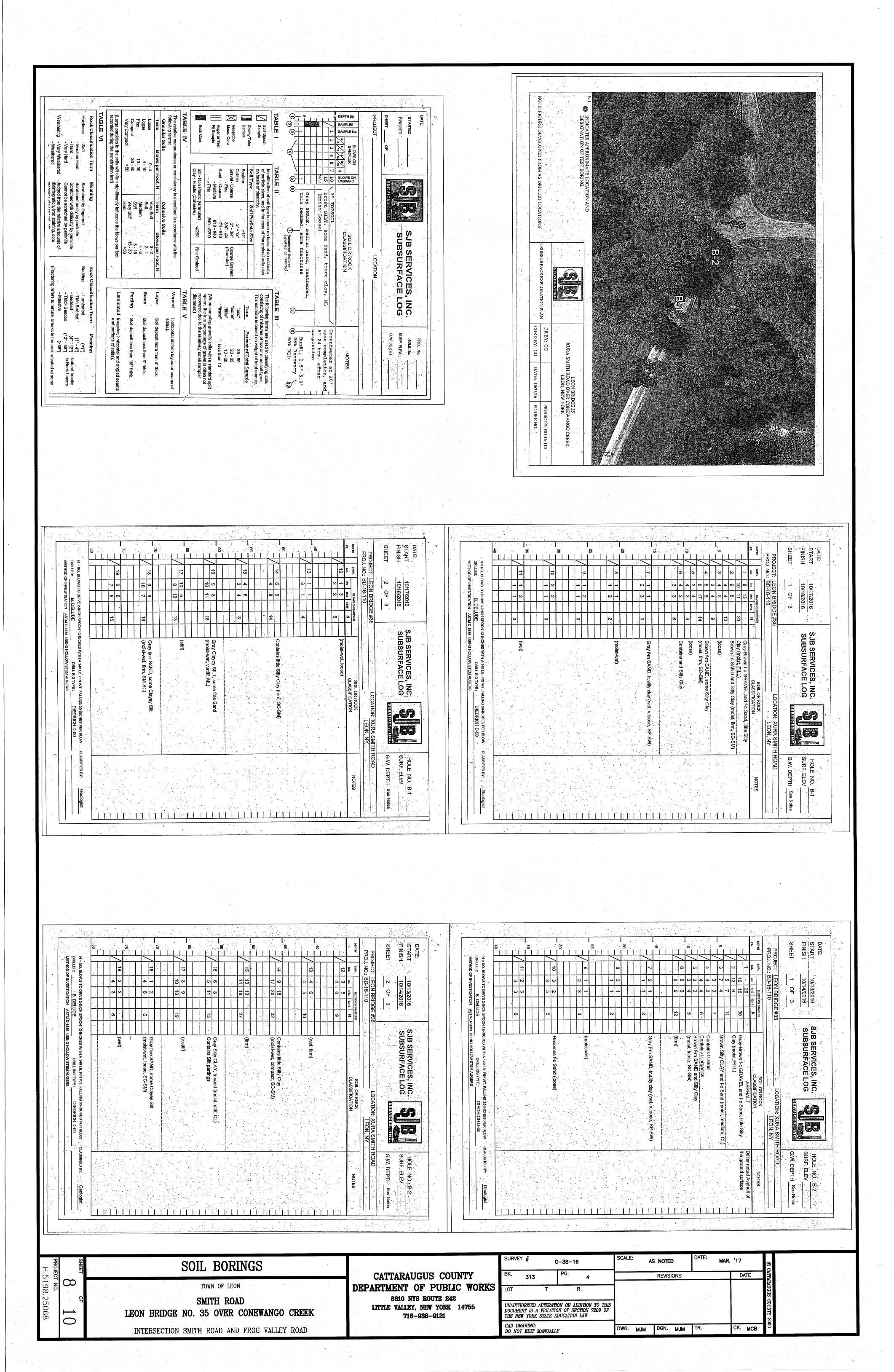


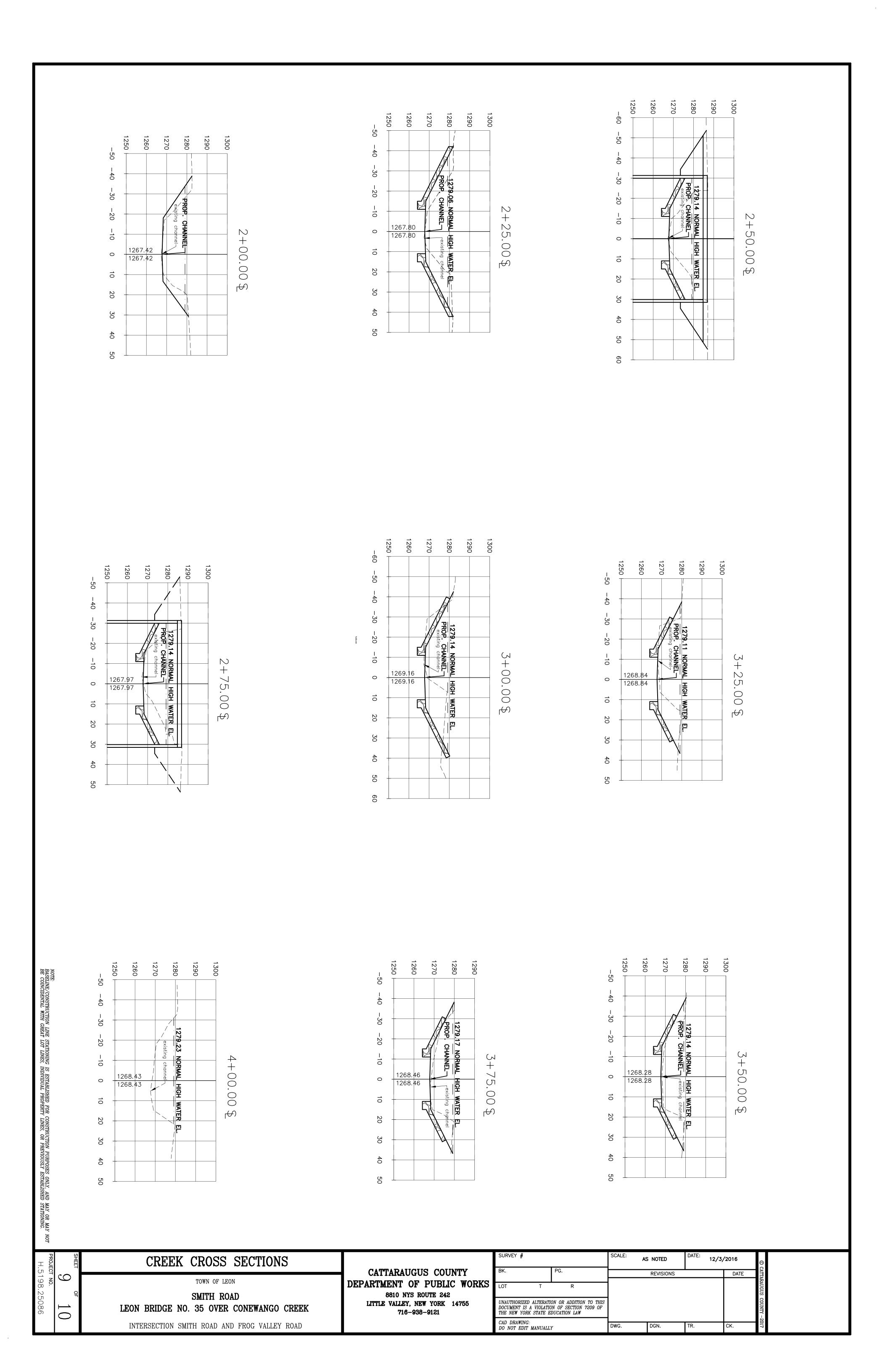


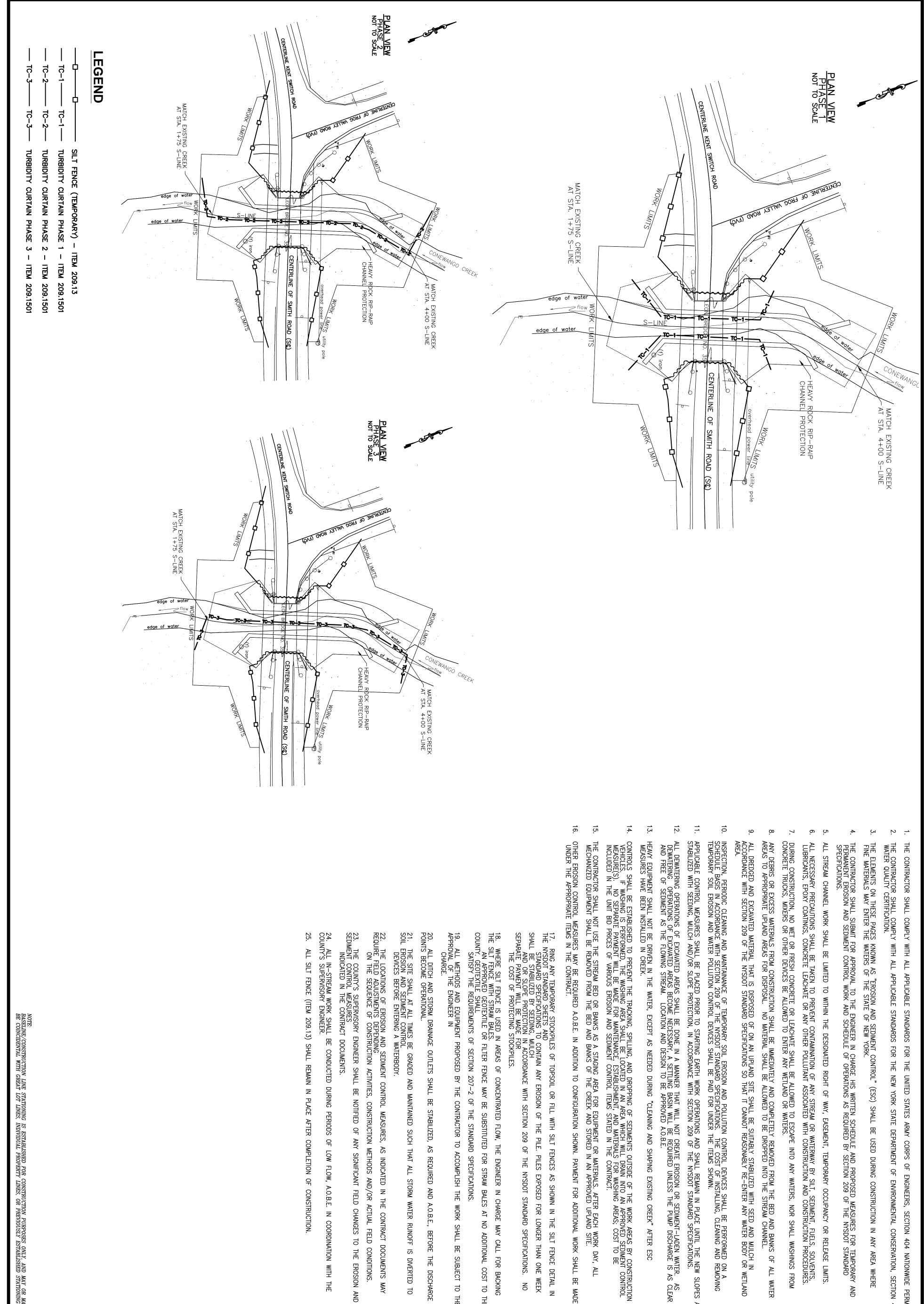












THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STANDARDS FOR WATER QUALITY CERTIFICATION. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STANDARDS FOR THE UNITED STATES ARMY CORPS OF ENGINEERS, SECTION 404 NATIONWIDE PERMITS

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, SECTION 401

THE ELEMENTS ON THESE PAGES KNOWN AS "EROSION AND SEDIMENT CONTROL" (ESC) FINE MATERIALS MAY ENTER THE WATERS OF THE STATE OF NEW YORK. CONSTRUCTION IN ANY

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE ENGINEER IN CHARGE HIS WRITTEN SCHEDULE AND PROPOSED MEASURES FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK AND SCHEDULE OF OPERATIONS AS REQUIRED BY SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS. ALL STREAM CHANNEL WORK SHALL BE LIMITED TO WITHIN THE DESIGNATED RIGHT OF WAY, EASEMENT, TEMPORARY OCCUPANCY OR RELEASE LIMITS.

ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF ANY STREAM OR WATERWAY BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES

ALL DREDGED AND EXCAVATED MATERIAL THAT IS DISPOSED OF ON AN UPLAND SITE SHALL BE SUITABLY STABILIZED WITH SEED AND MULCH IN ACCORDANCE WITH SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS SO THAT IT CANNOT REASONABLY RE-ENTER ANY WATER BODY OR WETLAND AREA. ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL WATER AREAS TO APPROPRIATE UPLAND AREAS FOR DISPOSAL. NO MATERIAL SHALL BE ALLOWED TO BE DROPPED INTO THE STREAM CHANNEL. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO ANY WATERS, CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS. NOR SHALL WASHINGS FROM

APPLICABLE CONTROL MEASURES SHALL BE PLACED PRIOR TO STARTING STABILIZED WITH SEEDING, MULCH AND/OR SLOPE PROTECTION, IN ACCOR INSPECTION, PERIODIC CLEANING AND MAINTAINANCE OF TEMPORARY SOIL EROSION AND POLLUTION CONTROL DEVICES SHALL BE PERFORMED ON A SCHEDULE BASIS IN ACCORDANCE WITH SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS. THE COST OF INSTALLING, CLEANING AND REMOVING TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE PAID FOR UNDER THE ITEMS SHOWN. EARTH WORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE RDANCE WITH SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS.

HEAVY EQUIPMENT SHALL NOT BE DRIVEN IN THE WATER, EXCEPT AS NEEDED DURING "CLEANING AND SHAPING EXISTING CREEK" AFTER ESC MEASURES HAVE BEEN INSTALLED IN CREEK. ALL DEWATERING OPERATIONS OF EXCAVATED AREAS SHALL BE DONE IN A MANNER THAT WILL NOT CREATE EROSION OR SEDIMENT-LADEN WATER. AS DEWATERING OPERATIONS OF EXCAVATED AREAS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE FLOWING STREAM. LOCATION AND DESIGN TO BE APPROVED A.O.B.E.

THE CONTRACTOR SHALL NOT USE THE STREAM BED OR BANKS AS A STAGING AREA FOR EQUIPMENT OR MATERIALS. AFTER EACH WORK DAY, ALL MECHANIZED EQUIPMENT SHALL BE REMOVED FROM THE BED AND BANKS OF THE CREEK AND STORED IN AN APPROVED UPLAND SITE. CONTROLS SHALL BE ESTABLISHED TO PREVENT THE TRACKING, SPILLING, VEHICLES. IF WASHING IS PERFORMED, THE WASHING AREA SHALL BE LC MEASURE(S). NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE, INCLUDED IN THE UNIT BID PRICES OF VARIOUS EROSION AND SEDIMENT AND DROPPING OF SEDIMENTS OUTSIDE OF THE WORK AREAS BY CONSTRUCTION OCATED IN AN AREA WHICH WILL DRAIN INTO AN APPROVED SEDIMENT CONTROL ESTABLISHMENT, AND MATERIALS FOR WASHING AREAS; COST TO BE CONTROL ITEMS STATED IN THE CONTRACT.

17. RING ANY TEMPORARY STOCKPILES OF TOPSOIL OR FILL WITH SILT FENCES AS SHOWN IN THE SILT FENCE DE THE NYSDOT STANDARD SHEETS AND STANDARD SPECIFICATIONS TO CONTAIN ANY EROSION OF THE PILE. PILES EXPOSED FOR LONGER THAN ONE SHALL BE STABILIZED BY SEEDING, MULCH AND OR SLOPE PROTECTION IN ACCORDANCE WITH SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS. SEPARATE PAYMENT WILL BE MADE FOR THE COST OF PROTECTING STOCKPILES. WITH SILT FENCES AS SHOWN IN THE SILT FENCE DETAIL WEEK 8

18. WHERE SILT FENCE IS USED IN AREAS OF CONCENTRATED FLOW, THE ENGINEER IN CHARGE MAY CALL FOR BACKING THE SILT FENCE WITH STRAW BALES.

AN APPROVED GEOTEXTILE OR FILTER FENCE MAY BE SUBSTITUTED FOR STRAW BALES AT NO ADDITIONAL COST TO THE COUNTY. GEOTEXTILE SHALL

SATISFY THE REQUIREMENTS OF SECTION 207-2 OF THE STANDARD SPECIFICATIONS. 19. ALL METHODS AND EQUIPMENT PROPOSED APPROVAL OF THE ENGINEER IN CHARGE. BY THE CONTRACTOR TO ACCOMPLISH THE WORK SHALL BE SUBJECT TO THE

21. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATERBODY. 20. ALL DITCH AND STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED AND A.O.B.E., BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.  $\overline{S}$ DIVERTED

23. THE COUNTY'S SUPERVISORY ENGINEER SHALL BE SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS. 22. THE LOCATIONS OF EROSION AND SEDIMENT CONTROL MEASURES, REQUIRE FIELD ADJUSTMENTS DEPENDING ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION CONSTRUCTION METHODS AS INDICATED IN THE CONTRACT DOCUMENTS MAY AND/OR ACTUAL FIELD

24. ALL IN-STREAM WORK SHALL BE CONDUCTED COUNTY'S SUPERVISORY ENGINEER. ALL SILT FENCE (ITEM 209.13) SHAL

EROSION CONTROL PLAN 0 TOWN OF LEON .25086 SMITH ROAD LEON BRIDGE NO. 35 OVER CONEWANGO CREEK INTERSECTION SMITH ROAD AND FROG VALLEY ROAD

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 NYS ROUTE 242 LITTLE VALLEY, NEW YORK 14755 716-938-9121

SURVEY # C-	SCALE:	AS NOTED		DATE: 12/3,	/2016	<u></u>		
BK. <b>312</b>	PG. <b>4</b>		REVISIO	NS		DATE	ATTA	
LOT T	R						CATTARAUGUS	
UNAUTHORIZED ALTERATION DOCUMENT IS A VIOLATION THE NEW YORK STATE EDU	OF SECTION 7209 OF						COUNTY	
CAD DRAWING: DO NOT EDIT MANUALLY		DWG. MJM	DGN.	МЈМ	TR.	CK. MCB	2017	