

MINIMUM SPECIFICATIONS FOR
PRECAST CONCRETE BOX CULVERT
FOR NAPOLI CULVERT No. 6

FOR
CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS
HIGHWAY DIVISION

OFFICE OF THE CLERK
CATTARAUGUS COUNTY LEGISLATURE
303 Court Street
Little Valley, NY 14755

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CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS

Development – Progress – Workmanship



*Kathleen M. Ellis
Deputy Commissioner*

*Mark C. Burr, P.E.
Director of Engineering*

*Jack Ellis Drive
8810 Route 242
Little Valley, New York 14755
Phone (716) 938-9121
FAX (716) 938-2753*

ADVERTISEMENT FOR BIDS

Sealed bids for the purchase of certain materials, equipment, and/or services, for the Cattaraugus County Department of Public Works, according to specifications, will be received by the undersigned, at the Department of Public Works Facility, 8810 Route 242, Little Valley, New York, until **Friday, February 23, 2018 at 1:45 P.M.** after which they will be publicly opened at **2:00 P.M.** (at the same location), by the undersigned, under the direction of the Public Works Committee of the Cattaraugus County Legislature. Each bid, at the time it is received, will be stamped with the date and time of receipt.

ALL BIDS MUST BE SEALED AND CLEARLY MARKED:

Any bid not clearly marked will not be considered.

DPW BID #34 - Precast Concrete Box Culvert – Napoli #6

The culvert bid is to SUPPLY the culvert only.

All bids must be sent or delivered to Cattaraugus County Department of Public Works, 8810 Route 242, Little Valley, NY 14755, Attention Dawn Smith.

Bidding sheets and instructions may be obtained online at www.cattco.org/bid-request, or at the Cattaraugus County Department of Public Works, 8810 Route 242, Little Valley, NY, 14755. Phone Dawn Smith at 938-9121, ext. 2465

All bids received are subject to all federal and state regulations/controls concerning any such equipment, materials, and/or services. All bids must be accompanied by a NON-COLLUSIVE BIDDING CERTIFICATE and a 5% Bid Bond. Any bid submitted without such certification and bid bond will not be accepted. Any bid not meeting ALL specifications will not be considered. The County Legislature reserves the right to reject any or all bids, to waive any informalities, and to accept the lowest responsible bid.

John Searles
County Administrator
County Center - 303 Court Street
Little Valley, New York 14755

INSTRUCTIONS TO BIDDERS

1. BID DEPOSIT:

For a bid amount of \$10,000 or LESS a certified check for Five Hundred dollars (\$500) must be submitted with the bid. For a bid amount GREATER than \$10,000 a BOND or certified check for five percent (5%) of bid amount must be submitted with the bid. The undersigned agrees that the bid security may be retained by the County until contracts have been signed and Performance Bonds have been delivered to the County. Should the successful bidder to whom the bid is awarded fail to execute the agreement submitted by the county in accordance with the formal bid and other contract documents and to furnish the required performance bond within fourteen (14) calendar days after the notice of award, the certified check or the bid bond amount shall be forfeited to the County as liquidated damages caused by such failure.

2. PERFORMANCE BOND.

The successful bidder or bidders shall, within two weeks after notice of the award, enter into a contract with Cattaraugus County and furnish a performance bond running to the County of Cattaraugus in the amount of twenty-five percent (25%) of bid amount, which will be retained until completion of the contract. The Performance Bond must be in a format acceptable to the Cattaraugus County Attorney.

3. BID FORM.

Bid shall be submitted on these Cattaraugus County bid forms or bid will not be considered. Bid must be typed or printed in ink. Original autograph signatures in ink are required. Facsimile or rubber stamp signatures will not be accepted.

4. CHANGES.

Any change in wording or interlineation by a bidder of the inquiry as published by Cattaraugus County shall be reason to reject the proposal of such bidder, or in the event that such change in the Invitation to Bid is not discovered prior to entering into a contract, to void any contract entered into pursuant to such bid.

5. INFORMALITIES.

The County may consider informal any bid not prepared and submitted in accordance with the provisions hereof & may waive any informalities or reject any and all bids. The contract award will be made to the responsible bidder submitting the lowest acceptable bid. Conditional bids will not be accepted.

6. BID TIME.

Any bid may be withdrawn prior to the above scheduled time for the opening of bids, or authorized postponement thereof. Any bid received after the time specified shall not be considered.

7. INVESTIGATIONS.

The County may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein.

8. BID ENVELOPE.

Each bid must be submitted in a sealed envelope clearly marked as to contents therein, bearing on the outside the name and address of the bidder. If sent by mail, the sealed envelope containing the bid must be enclosed in another envelope labeled as specified.

9. NON-COLLUSIVE CERTIFICATION.

Non-collusive bidding certification shall be made by each bidder in the form provided and shall be submitted as a part of the bid. Bids submitted without non-collusive bidding certification will be considered irregular and may be rejected by the County.

10. CONTRACT AWARD.

Contract(s) or purchase order(s) will be awarded after due consideration of the suitability of goods and/or services bid to satisfy these specifications, the total cost of such goods and/or services including all cost elements, and the timeliness of the agreed upon delivery date.

11. EXECUTORY CLAUSE.

This EXECUTORY CLAUSE shall be a part of any agreement entered into pursuant to this bid: It is understood by the parties that this agreement shall be executory only to the extent of the monies available to the County of Cattaraugus and appropriated therefor, and no liability on account thereof shall be incurred by the County beyond the monies available and appropriated for the purpose thereof.

12. DELIVERY SCHEDULE.

Delivery must be made within six months of date of award of bid by Cattaraugus County Legislature. Delivery time is of the essence of the contract to be awarded pursuant to this bid. Failure to meet delivery schedule as per accepted bid may result in legal action by Cattaraugus County to recover damages.

13. PRICES.

Prices shall be quoted F.O.B. destination, delivered inside and installed, or as otherwise specified in the specifications. "Tailgate Delivery" will not be accepted unless specified by the County.

14. TRANSPORTATION CHARGES.

Collect transportation charges will not be paid by the County. All freight, cartage, rigging, postage or other transportation charges shall be prepaid.

15. TAXES.

No taxes are to be billed to the County. Bid shall not include any Federal, State, or local excise, sales, transportation, or other tax unless Federal or State law specifically levies such tax on purchases made by a political subdivision. Any applicable taxes from which the County is not exempt shall be listed separately as cost elements, and added into the total net bid.

16. COMPLIANCE WITH LAWS.

The successful bidder shall comply with all laws, rules, regulations and ordinances of the Federal Government, the State of New York and any other political subdivision or regulatory body which may apply to its performance under this contract.

HAZARD COMMUNICATION In complying with the above laws, rules and regulations, and pursuant to 12 NYCRR part 820 and Section 876 of the Labor Law, it is the responsibility of the County to provide the successful bidder with the following information:

- (a) The safety data sheets (SDS) for any hazardous chemicals to which employees may be exposed will be made available.
- (b) The telephone numbers of plant personnel who are to be contacted in the event of a chemical spill or accident and
- (c) emergency procedures in the event of a fire or spill.

SAFETY DATA SHEETS. The successful bidder shall be responsible for the provision of the SDSs to the County prior to introducing hazardous materials onto the site, insuring compliance before work is started and disseminating any information to the County employees concerning significant chemical hazards that the successful bidder is bringing to the county's workplace. the SDSs will be obtained from the successful bidder for all hazardous materials prior to bringing the materials on the site. these SDSs will be maintained be the County as long as those materials are present. It is the responsibility of the successful bidder to train its own employees.

17. CONTRACT ASSIGNMENTS.

The bidder shall not assign, transfer, sublet, or otherwise dispose of this contract, or of its right, title or interest in the contract, or its power to execute the same, to any other person or corporation without the previous consent, in writing, of the Chairman of the Cattaraugus County Legislature.

18. CASH DISCOUNT.

ANY CASH DISCOUNT which is a part of a bid will be considered as a reduction in the bid prices in determining the award of the bid. Date of invoice must not precede date of delivery. The County policy is to pay all claims in a timely manner within the specified time. However, if for some reason payment is delayed, the County will take the discount when payment is made. If this is unsatisfactory, please quote net. The County will not pay any interest charges.

19. ALTERNATE ITEMS.

If material or services other than those specified in this bid document are offered, the bidder must so state and furnish at the time of bid opening, if so requested, and as part of his bid the following information in duplicate:

- (a) Complete description of the item offered, and detailed explanation of the differences between the item specified and the item offered. If, in the opinion of the Department Head, sufficient detail is not presented as a part of the sealed bid to permit definite evaluation of any substitute item, the bid will not be considered.
- (b) Descriptive literature of item offered, for evaluation.
- (c) List of installations in Cattaraugus County of the item offered.
- (d) List of other installations.

20. ADDITIONAL INFORMATION.

Any additional information which bidder desires to add to the bid shall be written on a separate sheet of paper, attached to and submitted with the formal sealed bid, to be read at the formal opening.

21. WORKMANSHIP.

Workmanship must meet with the approval of the department head or heads involved, and shall be first class in every respect without exception and shall be equal to the best modern practices. Materials furnished are to be new and unused. All materials furnished or work performed are to be guaranteed free from defects. Anything found defective or not meeting specifications, no matter in what state of completion, may be rejected and shall be made good by the contractor at his own expense.

22. HOLD HARMLESS.

The successful bidder to whom the bid is awarded shall indemnify and hold harmless Cattaraugus County and its agents and employees from and against all claims, damages, losses or causes of action arising out of or resulting from such vendor's performance pursuant to this bid.

23. BID VALIDITY.

This bid is firm and irrevocable for a period of 45 days from the date and time of the bid opening. If a contract is not awarded within the 45 day period, a bidder to whom the bid has not been awarded, may withdraw his bid by serving written notice of his intention to do so upon the Clerk of the County Legislature. Upon withdrawal of the bid pursuant to this paragraph, the County will forthwith return the bidder's security deposit.

24. CONTRACT INTEREST.

No official, or employee of the County, who is authorized in such capacity, and on behalf of the County, to negotiate, make, accept or approve or to take part in negotiating, making, accepting, or approving this contract shall become directly or indirectly interested personally in this contract or in any part hereof. No officer or employee of, or for the County, who is authorized in such capacity, and on behalf of the County, to exercise any supervisory, administrative, or other function, in connection with this contract, shall become directly or indirectly interested personally in this contract or in any part hereof.

25. OTHER CUSTOMERS.

Prices charged to Cattaraugus County are to be no higher than those offered to any other governmental or commercial consumer. If a bidder has a New York State or a Federal GSA

contract for any of the items covered in this bid or any similar items, he shall so indicate that he has said contract on these bid papers and supply a copy of this contract within 5 days if so requested by the County.

26. PRICE IS FIRM.

The unit prices bid shall remain firm, and any other charges bid shall also remain firm, for delivery of the equipment, material, work, or services described in this bid. No cost increase shall be charged for any reason whatsoever.

27. BIDDER AFFIRMATION.

In executing this bid, the bidder affirms that all of the requirements of the specifications are understood and accepted by the bidder, and that the prices quoted include all required materials and services. The undersigned has checked all of the bid figures, and understands that the County will not be responsible for any errors or omissions on the part of the undersigned in preparing this bid. Mistakes or errors in the estimates, calculations, or preparation of the bid shall not be grounds for the withdrawal or correction of the bid or bid security. In case of error in extension of prices in the bid, the unit price will govern.

28. CALCULATION OF PURCHASE PRICE

When calculating the purchase price, list on the individual bid forms the TOTAL cost of each unit.

29. INSURANCE

The (Contractor, Vendor, Etc.) shall secure and maintain, at its own cost and expense, insurance coverage specified in Appendix (A) attached hereto, complying with Classification "(selected on form)", with insurance companies licensed in the State of New York. Cattaraugus County must be named as an additional insured for purposes of coverage, but not for payment of premium. The (Contractor, Vendor, Etc.) shall file a certificate of insurance with the Cattaraugus County Risk Manager covering all acts performed by the (Contractor, Vendor, Etc.) prior to performing pursuant to this Agreement or receiving any payment thereunder and shall be responsible for updating the certificate as necessary throughout the term of the Agreement. All certificates of insurance shall provide that Cattaraugus County be given thirty (30) days' notice prior to non-renewal or cancellation of these policies. **Certificate of Insurance shall be furnished by the bidder within five (5) days of the "Intent to Award" and prior to signing of contract.** Failure to supply a satisfactory certificate within five (5) days after the "Intent to Award" may result in the cancellation of award and for the forfeiture of the Contractor's bid security, in the sole discretion of the County.

30. STATE CONTRACTS:

The County reserves the right to purchase the commodity being bid, from State Contract when it is most beneficial to the County to do so.

31. LITIGATION:

In the event any litigation shall arise from this contract, the laws of the State of New York shall control any litigation, regardless of which party shall institute such action.

32. ALTERNATE SOURCE:

Where a New York State bid or a bid from another municipality results in an award for an item herein at a total price which is more favorable than that of the bidder to whom an award is made herein, and such price is available to County, County reserves the right to purchase from the State bid or from such other, alternate bid, notwithstanding its award to the lowest responsible bidder herein, after offering the County bid awardee an opportunity to meet or better the item price.

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
Specifications and Bid Sheet for

PRE-CAST CONCRETE BOX CULVERT
NAPOLI CULVERT NO. 6 - COUNTY ROAD #7

Chairman Public Works Committee
Cattaraugus County Legislature
303 Court Street
Little Valley, NY 14755

Gentlemen:

We propose to furnish PRE-CAST CONCRETE BOX CULVERT FOR NAPOLI CULVERT No. 6 in accordance with your specifications.

GENERAL:

1. It is the intent of this specification to describe the needs of Cattaraugus County for a Pre-Cast Concrete Box Culvert.
2. Shop drawings shall be submitted for approval within **20** WORKING days of execution of contract.
3. DELIVERY to be within **60** consecutive days from approval of shop drawings.
4. Failure to make delivery of materials within the stated time period shall result in a notification to the supplier and the beginning of a **5** WORKING DAY GRACE PERIOD. Failure to deliver within the GRACE PERIOD will result in a penalty of 1% of the contract bid on a per day basis from date of notification and/or cancellation of contract.
5. Cattaraugus County Department of Public Works reserves the right to reject any materials or items that are defective, damaged or not in compliance with the bid specifications.
6. The Pre-Cast Concrete Box Culvert must meet all federal, state and local laws, rules, regulations and requirements.

SPECIFICATIONS:

All provisions and stipulations of the New York State Department of Transportation Standard Specifications of January 1, 2018 and all addendums, shall apply to the manufacturer of this structure.

SHAPE:

1. The section is a four sided box section with sloped open end and a closed end, to be monolithically cast of reinforced concrete.
2. Chamfered 45 degrees x 8 inch minimum fillets shall be monolithically cast in all four inside corners.

SIZE:

1. Internal dimensions:
 - A. **18 feet 0 inches** wide by **6 feet 0 inches** in height by **64 feet 0 inches** total length, shall be maintained.
2. Pre-cast toewalls at outlet and inlet are to be the width of the total section, **4'0"** in depth by **18 inches** thick as shown on accompanying detail sheet.

SUBMITTAL:

1. Shop drawings showing reinforcement size and location shall be submitted to the Cattaraugus County Engineer for approval within 20 days of contract award.
2. Drawings shall be stamped by a registered professional engineer and accompanied by design calculations. (5 copies)
3. Shop drawings shall be in English units.

INSPECTION:

The OWNER reserves the right to inspect the plant during the manufacture of the box culvert sections. Supplier shall notify the owner a minimum of 3 working days prior to the first scheduled casting to arrange for plant inspection.

DELIVERY:

1. All components of the pre-cast concrete box culvert shall be delivered to the **Town of Napoli** job site within 60 consecutive days of shop drawing approval by Cattaraugus County Department of Public Works.
2. This culvert shall be supplied with all necessary hardware and tools (except crane) to assemble and install culvert in a complete fashion.
3. The use of slings, 4 outside lifting eyes, 4 inside draw together lifting eyes, bolts, two (2) 2-ton chain comealongs, ratch wrench, and any other apparatus necessary to position and move culvert sections during construction by Cattaraugus County shall be supplied (at no additional cost).
4. These will be promptly returned to the supplier by Cattaraugus County after completion of the project.

STRUCTURAL NOTES FOR REINFORCED CONCRETE BOX CULVERT AND PRECAST WINGWALLS:

1. **DESIGN SPECIFICATION:** - AASHTO load factor design method. Design to meet requirements of AASHTO, Section 6.
2. **MATERIALS PROPERTIES:** - Steel reinforcement - ASTM A615, Grade 60, Concrete minimum compressive strength - 5000 PSI at 28 days. (Conformation testing will be required)
3. **SOIL DATA:** - Unit Weight - 130 LB/CF - Allowable bearing - 3000 PSF
4. **CAPACITY REDUCTION FACTORS (FROM AASHTO)** - Shear - 0.90
Bending - 1.00
5. **LOADING DATA:** - Load factor, dead load - 1.3, live load - 2.17 truck axle load HS25-40,000 lb.
earth cover - 4.21 ft @ 10 ft left of CL
4.54 ft @ CL, 4.48 ft @ 10 ft right of CL
6. **STRUCTURAL ARRANGEMENT** - Concrete cover over steel - 2 inches minimum.
7. Design and method of installing mechanical fasteners shall be submitted with shop drawings.
ONLY METAL INSERTS AND MECHANICAL FASTENERS WILL BE ALLOWED.
8. Concrete mix shall include a NYSDOT approved calcium nitrate based corrosion inhibitor. The corrosion inhibitor shall be added at a dosage rate of 4 gallons per cubic yard of concrete.
9. Each culvert end section shall have (11) 2" diameter holes (18" o.c.) in base to allow contractor to field drill and grout rebar dowels into precast toewall. (All No. 8 rebar dowels shall be furnished by supplier).

10. All joints shall be mated male/female and have a Rubatex or equivalent seal installed before delivery.
11. Each culvert section shall have lifting pins (4 ton min.) cast in the bottom fillets at the mid-point of the culvert to assist in draw together installation. All lifting lugs shall be Dayton Superior "Swift Lift" type or County Approved equal.
12. Box culvert sections shall have TWO sets of draw-together apparatus on each side (to remain in place after culvert installation. All threaded inserts that bolt angle iron to box section shall be steel. (FOUR DRAW-TOGETHER POINTS PER JOINT) (All draw together hardware shall be furnished by the supplier)
13. Each section shall be furnished with four flush mounted galvanized plates at each joint for field weld installation of 3" x 2' 4" x 1/2" galvanized bar stock which are to be supplied as part of this contract.
14. Wall and slab thicknesses shown are nominal. Actual thickness is to be determined by design.
15. Weight of each individual precast box section shall be specified.
16. The individual pre-cast section of the culvert shall be coated on the exterior top and 1 foot down the side surface with bituminous material which shall conform to the specifications for Rapid Curing Liquid Asphalt RC-250, RC-800 with or without additives, or Asphalt Emulsion RS-2 as designated in Section 702-12, 702-13, 702-15, 702.15, and 703-3101.

Delivery is F.O.B. job site, on County Road #7, 0.33 miles East of County Road #40, Town of Napoli. Delivery to be coordinated with Cattaraugus County Department of Public Works.

Cost to Cattaraugus County DPW for Pre-cast Concrete
Box Culvert for Napoli Culvert #6, including box
culvert sections, toewalls, and all assembly hardware.
(DELIVERED TO SITE)

\$_____

AWARD SHALL BE MADE TO THE LOWEST QUALIFIED BIDDER.

NOTE: By signing this bid form and submitting a bid, the vendor acknowledges that they have read, understand and agree to all aspects of this document as presented. Conditional bids will not be accepted.

NAME OF FIRM _____ SIGNATURE _____

Federal ID No. _____ PRINT/TYPE NAME: _____

ADDRESS _____ DATE _____ PHONE NO. _____

IF PAYMENT IS TO BE MADE TO OTHER THAN THE ABOVE NAMED COMPANY, PLEASE FILL IN COMPANY NAME AND ADDRESS HERE.

APPENDIX "A"
COUNTY OF CATTARAUGUS STANDARD INSURANCE REQUIREMENTS

The insurance companies providing these coverages acknowledge that the Named Insured is entering into a contract with the County of Cattaraugus in which the Named Insured agrees to defend, hold harmless, and indemnify the County, its officials, employees, and agents against all claims resulting from work performed, material handled, and services rendered. In some circumstances it will be necessary to require alternate coverage and limits which will be defined in the bid specifications, contract, lease or agreement. The alternate coverage and limits should be evidenced on the certificate in lieu of the standards printed below.

Minimum Coverage Limits are as Follows:

	A	C	Ca	D	F	G	Ga
	Construction & Maintenance	Professional	Low Risk Professional	Property Leased to Others or Use of Facilities	Livery	All Purpose Public Entity, Concessionaire	Low Risk All Purpose Public Entity
** COMMERCIAL GENERAL LIABILITY	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.
Prem. - Ops.	Include	Include	Include	Include	Include	Include	Include
Prods. - Compl. Ops.	Include	Include	Include	Include	Include	Include	Include
Indep. Contractor	Include	Include	Include	Include	Include	Include	Include
Contractual	Include	Include	Include	Include	Include	Include	Include
BF Property Damage	Include			Include			
X,C,U	Include						
Personal Injury	Include	Include	Include	Include	Include	Include	Include
Liquor Law				Include			
Host Liquor				Include			
** AUTO LIABILITY	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL
Owned	Include	Include	Include	Include	Include	Include	Include
Hired	Include	Include	Include	Include	Include	Include	Include
Non-Owned	Include	Include	Include	Include	Include	Include	Include
** EXCESS LIABILITY	\$3,000,000	\$1,000,000		\$1,000,000	\$3,000,000	\$1,000,000	
WORKERS' COMP.	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption
EMPLOYER'S LIABILITY	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
*** PROFESSIONAL LIAB.		\$3,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.				

* The Comprehensive/Commercial General Liability limits can be met by one or more policies, or in combination with an Excess and/or Umbrella Liability policy.

The COI must indicate if the coverage trigger in an 'Occurrence' form or a 'Claims-made' form.

All 'Claims-made' policies shall continue to provide evidence of coverage three (3) years after completion of work or product delivery.

** Cattaraugus County MUST be named as Additional Insured for all acts of Named Insured pursuant to this contract.

*** Professional Liability policies are not required to have the County as Additional Insured

Each policy, as allowed by law, shall be endorsed stating that the contractor's insurers agree to waive any rights of subrogation against the County of Cattaraugus because of payments for any injury or damages arising out of work performed under this contract.

The following statement must be subscribed by the bidder and affirmed by such bidder as true, under the penalties of perjury.

Pursuant to Section 103-d of the General Municipal Law.

NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor, and

No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.

(For use of individual bidder)

IN WITNESS WHEREOF, I, _____, doing business under the style and name of _____, at _____ have hereunto subscribed my name under the penalties of perjury at _____ on this ____ day of _____, 20____.

d/b/a _____.

(For use of partnership bidder)

IN WITNESS WHEREOF, this non-collusive bidding certification has been subscribed, under the penalties of perjury, at _____ on this _____ day of _____, 20____, by _____, one of the partners or co-partners of the partnership composed of _____ and _____ doing business under the style, partnership, and firm name of _____ at _____.

Partnership Name

By _____
Co-Partner

(For use of corporate bidder)

RESOLVED, that _____ (name of corporation) be authorized to sign and submit the bid or proposal of this corporation for the following project _____ and to include in such bid or proposal the certificate as to non-collusion required by Section 103-d of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate, this corporate bidder shall be liable, under the penalties of perjury.

The foregoing is a true and correct copy of the Resolution adopted by _____ Corporation at a meeting of its board of directors held on the _____ day of _____, 20____.

Dated at _____ on this _____ day of _____, 20____.

(SEAL OF THE CORPORATION)

Secretary

Name of Bidder

By _____.

LEGAL STATUS INFORMATION

To facilitate correct drawing and execution of contract, proposer shall supply full information concerning legal status:

FIRM NAME: _____

PRINCIPAL OFFICE:

Street _____

City, State, Zip _____

Telephone (____) _____ Fax (____) _____ Email: _____

LOCAL OFFICE:

Street _____

City, State, Zip _____

Telephone (____) _____ Fax (____) _____ Email: _____

CONTRACT TO BE SENT TO: Principal Office _____ Local Office _____

CHECK ONE: Corporation _____ Partnership _____ Individual _____

(Incorporated under the Laws of the State of _____)

(If foreign corporation, state if authorized to do business in the State of New York:

Yes _____ No _____ Not Applicable _____)

TRADE NAMES: _____

NAMES AND ADDRESSES OF PARTNERS:

_____	_____
_____	_____
_____	_____

NAME, TITLE, AND ADDRESS OF PERSON AUTHORIZED TO SIGN CONTRACT ON BEHALF OF PROPOSER:

Name: _____

Title: _____

Address: _____

PLEASE TYPE OR PRINT

BID FOR PERFORMANCE OF CONTRACT WITH CATTARAUGUS COUNTY LEGISLATURE
LITTLE VALLEY, NEW YORK

TO: Cattaraugus County Legislature, Little Valley, New York, herein after called the County.

The undersigned, desiring to interpose a bid to provide services for (***Precast Concrete Box Culvert***), for Cattaraugus County Department of Public Works, does hereby accept all terms, conditions, and agreements contained and set forth in the Notice to Bidders, Instructions to Bidders, Minimum Specifications, Non-Collusive Bidding Certification, Legal Status Information and Bid for Performance of Contract with Cattaraugus County Legislature and does hereby certify, agree and propose as follows:

The undersigned declares that he/she has examined all of the attached documents, and hereby proposes and agrees that, if this bid is accepted, he/she will contract with the County, such contract incorporating the provisions of the documents attached hereto, to furnish all the materials and services and do all the work specified in the attached documents in the manner and time herein specified and according to the requirements as herein set forth, and to take in full payment therefore the bid prices set forth on the preceding specification sheets.

If this proposal is accepted by the County and the undersigned fails to contract as aforesaid, within ten days (not including Sunday) from the date of notice from the County to him/her, then the County may at its option, determine that the bidder has abandoned his/her right to enter into the contract and thereupon the bid and acceptance shall be null and void.

The full name and residences of all persons and parties interested in the foregoing bid as principals are as follows: (Individuals or partnership bids only)

INDIVIDUAL, PARTNERSHIP OR CORPORATE USE

The undersigned certifies, under penalty of perjury, that he is fully authorized to sign this bid.

Name and Address of Bidder:

Authorized Signature and Title:

Signature

Title

Date

“Iran Divestment Act of 2012”

“Iranian Energy Sector Divestment”

Pursuant to State Finance Law '165-a, the Commissioner of General Services is required to develop a list of persons it determines engage in investment activities in Iran, which is defined as provision of goods, services or credit of \$20,000,000 or more, relating to the energy sector.

General Municipal Law '103-g(4) states as follows:

Every bid or proposal hereafter made to a political subdivision of the state or any public department, agency or official thereof where competitive bidding is required by statute, rule, regulation or local law, for work or service performed or to be performed or goods sold or to be sold, shall contain the following statement subscribed by the bidder and affirmed by such bidder as true under penalties of perjury.

The below signed bidder affirms the following as true under penalties of perjury:

- a. “By submission of this bid, the bidder identified herein and each person signing on behalf of the bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and behalf that this bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the state finance law.”

Corporate or Company Name

By:

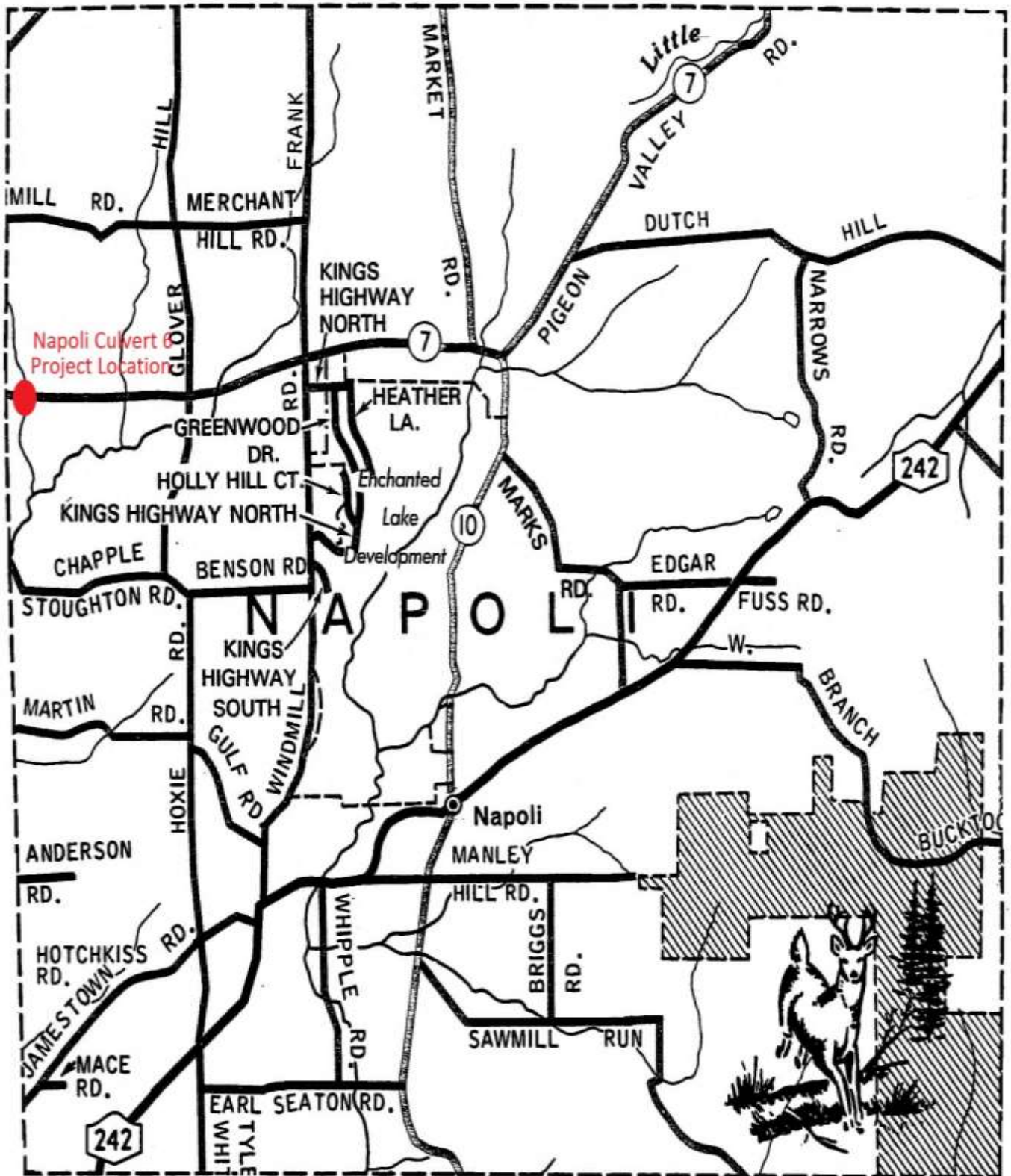
Signature

Title

Sworn to before me this

_____ day of _____, 20 _____

Notary Public



SPECIFICATIONS:

All provisions and stipulations of the New York State Department of Transportation Standard Specifications of January 1, 2018 and all addendums, shall apply to the manufacturer of this structure.

SHAPE:

The section is a four sided box section with sloped open ends to be monolithically cast of reinforced concrete. Chamfered 45 degrees x 8 inch minimum fillets shall be monolithically cast in all four inside corners.

SIZE:

Internal dimensions of 18'-0" width by 6'-0" height shall be maintained. Box culvert shall be 64'-0" linear feet in length. Precast toe wall is to be the width of the total section, 4'-0" in depth and a minimum of 1'-6" thick as shown on the accompanying detail sheet.

SUBMITTAL:

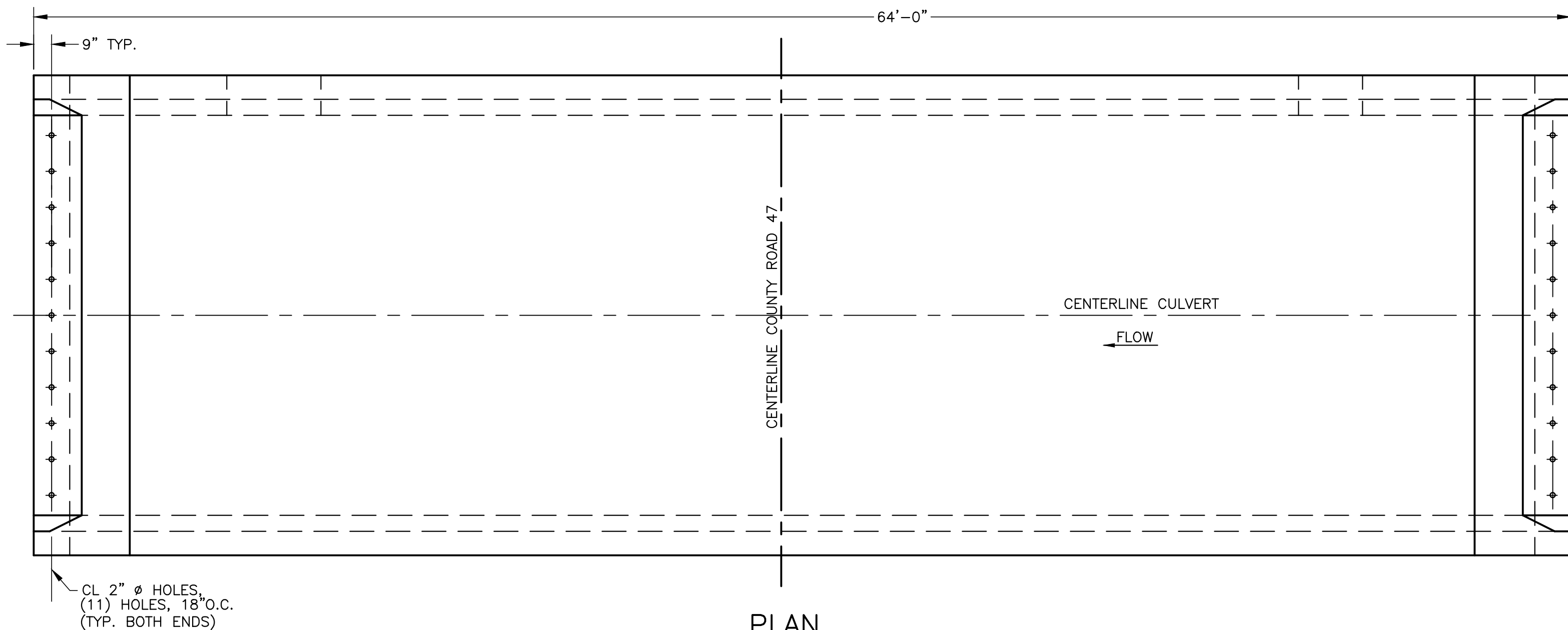
Shop drawings showing reinforcement size and location shall be submitted to the Cattaraugus County Engineer or his designee for approval. Drawings shall be stamped by a registered professional engineer and accompanied by design and load rating calculations.

INSPECTION:

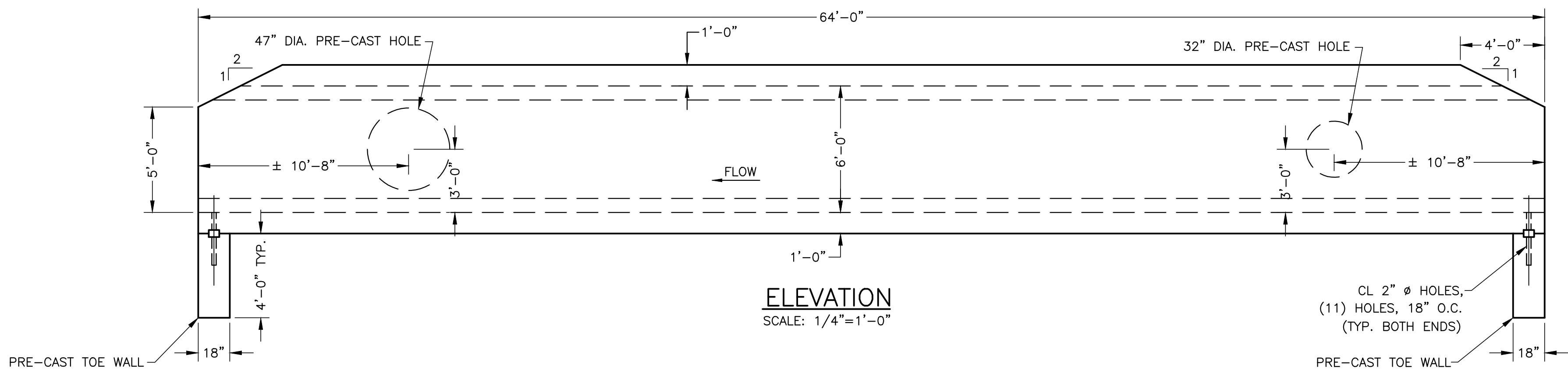
The quality of materials, the process of manufacture, and the finished box sections shall be subject to inspection by the County Engineer and/or his designer.

STRUCTURAL NOTES FOR REINFORCED CONCRETE BOX CULVERT:

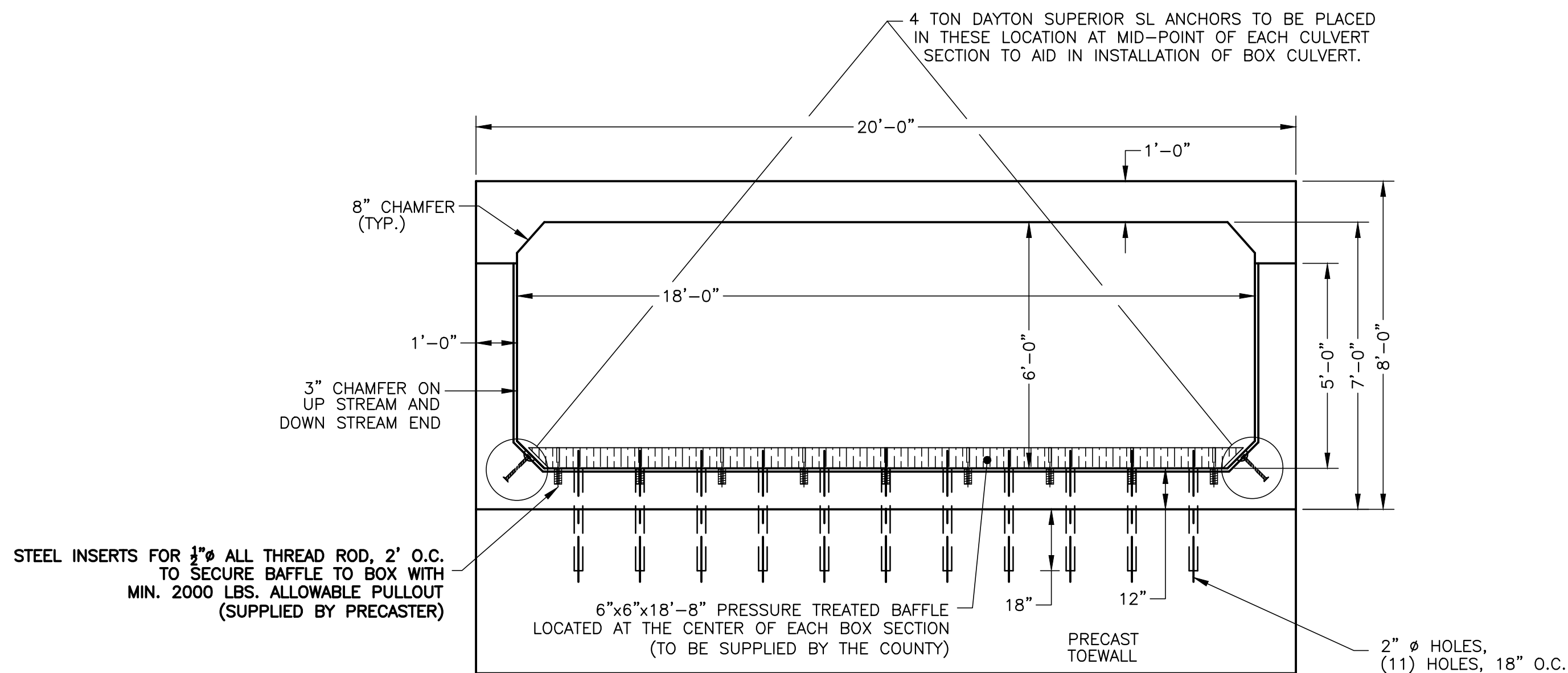
1. **DESIGN SPECIFICATION:** – AASHTO load factor design method. Design to meet requirements of AASHTO, Section 6.
2. **MATERIALS PROPERTIES:** – Steel reinforcement – ASTM A615, Grade 60
Concrete minimum compressive strength – 5000 PSI at 28 days. (Conformation testing will be required)
3. **SOIL DATA:** – Unit Weight – 120 LB/CF
– Allowable bearing – 3000 PSF
4. **CAPACITY REDUCTION FACTORS (FROM AASHTO):** – Shear – 0.9
– Bending – 1.0
5. **LOADING DATA:** – Load factor, dead load – 1.3, live load – 2.17
truck axle load H25=40,000 lb.
earth cover – 4.21 ft. @ 10 ft. of cl,
4.54 ft. at CL: 4.48 ft. at 10 ft. rt of CL
6. **STRUCTURAL ARRANGEMENT:** – Concrete cover over steel – 2 inch minimum.
7. Design and method of installing mechanical fasteners will be submitted with shop drawings. Only metal fasteners and inserts will be allowed.
8. Concrete mix shall include a NYSDOT approved calcium nitrate based corrosion inhibitor. The corrosion inhibitor shall be added at a dosage rate of 4 gallons per cubic yard of concrete.
9. Culvert end sections shall have (11) 2" diameter holes (12" o.c.) in base to allow contractor to field drill and grout #8 rebar dowels into precast toewall. Rebar dowels to be supplied by precaster.
10. All joints shall be mated male/female with permanent joint connections.
11. Box culvert sections shall have two sets of draw-together apparatus on each side at each joint. Four draw-together points per joint. All draw-together hardware shall be furnished by supplier.
12. Weight of each individual box section shall be specified.
13. Wall and slab thicknesses shown are nominal. Actual thickness are to be determined by design.
14. Threaded inserts, where detailed, shall be designed for use with #5 reinforcing steel. Inserts shall be non-corrosive and when used in 5000 PSI concrete, able to resist minimum pull out loads of 5.5 tons.
15. The individual pre-cast sections of the culvert shall be coated on the exterior top and side surfaces with bituminous material which shall conform to the specifications for Rapid Curing Liquid Asphalt RC-250, RC-800 with or without additives, or Asphalt Emulsion RS-2 as designated in Section 702-12, 702-13, 702-15, 702-15, 702-15 and 702-3101.



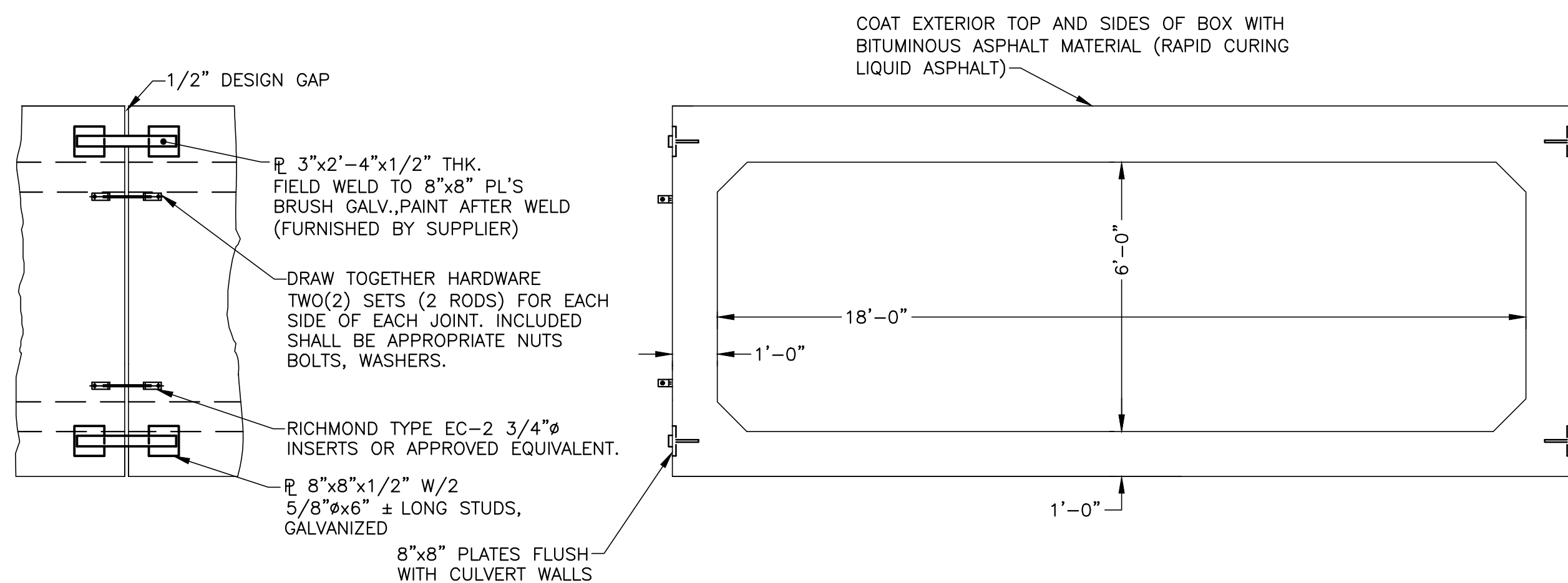
PLAN
SCALE: 1/4"=1'-0"



ELEVATION
SCALE: 1/4"=1'-0"



END ELEVATION
SCALE: 3/8"=1'-0"



PERMANENT JOINT CONNECTION DETAIL
SCALE: 3/8"=1'-0"

NOTE:
BASELINE/CONSTRUCTION LINE STATIONING IS ESTABLISHED FOR CONSTRUCTION PURPOSES ONLY, AND MAY OR MAY NOT
BE COINCIDENTAL WITH GREAT LOT LINES, INDIVIDUAL PROPERTY LINES, OR PREVIOUSLY ESTABLISHED STATIONING.

BOX CULVERT DETAILS										© CATTARAUGUS COUNTY -XXXX																			
TOWN OF NAPOLI COUNTY ROAD 7 NAPOLI CULVERT #6 1800' WEST OF COUNTY ROAD 40 INTERSECTION										SHEET		OF		PROJECT NO.		H.5198.23072		SCALE:		AS NOTED		DATE:							
										1		1		1		C-40-16													
										BK.		313		PG.		10													
										LOT		T		R															
CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 NYS ROUTE 242 LITTLE VALLEY, NEW YORK 14765 716-938-9121										UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW																			
CAD DRAWING: DO NOT EDIT MANUALLY										DWG.		BM		TR.		CK		-40-16											