

ALL COMMON COUNCIL ACTIONS TAKEN AT THIS MEETING TO APPROVE EXPENDITURES AND CONTRACTS OR TO ACCEPT BIDS AND OTHER PROPOSALS REQUIRING THE EXPENDITURE OF CITY FUNDS ARE SUBJECT TO THE AVAILABILITY OF FUNDS

I. ROLL CALL

II. ACCEPTANCE OF MINUTES

Regular Meeting: October 22, 2019

III. PUBLIC PARTICIPATION

IV. MAYOR

A. RESIGNATIONS AND APPOINTMENTS

RESIGNATIONS:

APPOINTMENTS:

REAPPOINTMENTS:

MAYOR'S REMARKS:

V. COUNCIL PRESIDENT

A. GENERAL COUNCIL BUSINESS:

B. CONSENT CALENDAR:

VI. REPORTS: DEPARTMENTS, BOARDS AND COMMISSIONS

A. CORPORATION COUNSEL

VII. COMMON COUNCIL COMMITTEES

A. LAND USE AND BUILDING MANAGEMENT COMMITTEE

1. TECHNICAL CORRECTION: Correct Common Council action of September 10, 2019 Item VII. E.4. & 5. to reflect the correct account number of #0918/195010 5777 C0610:

- "4. Authorize the Mayor, Harry W. Rilling, to execute an agreement with Newfield Construction, Inc. as the Construction Manager (CM) for the Norwalk High School Wood Doors & Paneling Replacement Project State Project No. 103-0250 A/CV. Terms of the agreement shall include the following:

Preconstruction Phase Services (including reimbursable allowance)	\$15,000
CM Fees (% of total trade bids)	2.50%
CM Contingency (% of total trade bids)	2.00%

Following bidding process, final contract price (GMP) will be submitted to the Common Council for approval. Acct. #0918/195010 5777 C0610

5. Authorize the Mayor, Harry W. Rilling, to execute an agreement with Newfield Construction, Inc. as the Construction Manager (CM) for the Norwalk High School Wood Doors & Paneling Replacement Project State Project No. 103-0252. Terms of the agreement shall include the following:

Preconstruction Phase Services (including reimbursable allowance)	\$25,000
CM Fees (% of total trade bids)	2.50%
CM Contingency (% of total trade bids)	2.00%

Following bidding process, final contract price (GMP) will be submitted to the Common Council for approval. Acct. #0918/195010 5777 C0610"

B. HEALTH, WELFARE AND PUBLIC SAFETY COMMITTEE

1. Authorize the Mayor, Harry W. Rilling, to execute a right of access and entry agreement with Cianbro Corporation to mobilize and stage a crane over a portion of the Police Station Parking Lot.
2. Authorize the Mayor, Harry W. Rilling to execute any and all documents necessary to apply for and accept grant funds from the State of Connecticut Department of Transportation under the 2019-2020 Municipal DUI Enforcement Grant in the amount of \$60,223.56.
3. Authorize the Purchasing agent, Sharon Conners, to execute a purchase order on behalf of the Fire Department to Motorola Solutions for the purchase of portable radios as per Sole Source procurement request, for an amount not to exceed \$411,000. Account # 09203110 0639.
4. Authorize the Mayor, Harry W. Rilling, to execute an agreement with Resource Management Associates. For the Promotional Exams – Fire Department (Lieutenant, Captain and Deputy Chief) at cost not to exceed \$28,730.00 From Account 013140 5258.

C. FINANCE COMMITTEE

1. RESOLUTION WITH RESPECT TO THE AUTHORIZATION, ISSUANCE AND SALE OF UP TO \$22,000,000 CITY OF NORWALK GENERAL OBLIGATION REFUNDING BONDS

RESOLVED:

Section 1. A maximum amount of \$22,000,000 General Obligation Refunding Bonds (the "Refunding Bonds") of the City of Norwalk, Connecticut (the "City") may be issued and sold, subject to final approval by the Committee (as defined and described below), in one or more series, in such principal amounts, as the Mayor and the Chief Finance Officer shall determine to be in the best interest of the City for the purpose of achieving net present value savings and/or to moderate debt service payments. The Refunding Bonds are hereby authorized to refund all or any portion of any one or more series of the City's outstanding General Obligation Bonds (the "Refunded Bonds"). Subject to final approval by the Committee, each series of Refunding Bonds shall mature in such amounts and on such date or dates as shall be determined by the Mayor and the Chief Finance Officer, provided that no Refunding Bonds shall mature later than the final maturity date permitted by law. The Refunding Bonds shall be executed in the name and on behalf of the City by the manual or facsimile signatures of the Mayor, the Comptroller, and the Chief Finance Officer, bear the City seal or a facsimile thereof, and be approved as to their legality by Pullman & Comley, LLC, Bond Counsel. The Refunding Bonds shall be general obligations of the City and each of the Refunding Bonds shall recite that every requirement of law relating to its issue has been duly complied with, that such bond is within every debt and other limit prescribed by law, and that the full faith and credit of the City are pledged to the payment of the principle thereof and interest thereon. The net proceeds of the sale of the Refunding Bonds, after payment of the underwriter's discount and other costs of issuance, shall be deposited in an irrevocable escrow account in an amount sufficient to pay the principal of, interest and redemption premium, if any, due on the Refunded Bonds to maturity or earlier redemption pursuant to the plan of refunding. The Mayor and the Chief Finance Officer are authorized to appoint an escrow agent and other professionals, including the certifying, paying, registrar and transfer agent for the Refunding Bonds, and to execute and deliver any and all escrow, investment and related agreements necessary to provide for any debt service or redemption payments on the Refunded Bonds and to provide for the transaction contemplated hereby. The Common Council hereby delegates to the Mayor and the Chief Finance Officer, subject to the final approval of the President of the Common Council, the Majority Leader of the Common Council, the Minority Leader of the Common Council, and the Chairman of the Finance Committee of the Common Council, or any two of them (the "Committee"), the authority to determine the number of series to be issued, the principal amount of the Refunding Bonds of each series to be issued, the annual installments of principal, redemption provisions, if any, and other terms, details and particulars of such Refunding Bonds including the rate or rates of interest payable thereon and the terms of any purchase agreement executed in connection with the sale of the Refunding Bonds in a negotiated underwriting.

Section 2. The Refunding Bonds shall be issued and sold either in a negotiated underwriting or a competitive offering, at such time or times as the Mayor and the Chief Finance Officer shall determine to be the most opportune for the City. If sold in a competitive offering, the Refunding Bonds shall be sold at not less than par and accrued interest on the basis of the lowest net or true interest cost to the City. If the Refunding Bonds are sold by negotiation, the purchase agreement shall be signed by the Mayor and the Finance Director, subject to the final approval of the Committee. The Mayor and the Chief Finance Officer, are authorized to prepare and distribute preliminary and final Official Statements of the City for use in connection with the offering and sale of

any Refunding Bonds, and they are hereby authorized to execute and deliver on behalf of the City, a continuing disclosure agreement, a tax regulatory agreement, agreements moderating interest rate fluctuation pursuant to Section 7-370b subject to final approval by the Committee, and such other agreements, instruments, documents and certificates necessary or desirable for the issuance of the Refunding Bonds and the debt service or redemption payments on the Refunded Bonds.

Section 3. This resolution shall be effective until July 31, 2020.

X. MOTIONS POSTPONED TO A SPECIFIC DATE

X. SUSPENSION OF RULES

XI. ADJOURNMENT

**ALL COMMON COUNCIL ACTIONS TAKEN AT THIS MEETING TO APPROVE
EXPENDITURES AND CONTRACTS OR TO ACCEPT BIDS AND OTHER
PROPOSALS REQUIRING THE EXPENDITURE OF CITY FUNDS ARE SUBJECT TO
THE AVAILABILITY OF FUNDS**

Mayor Rilling called the meeting to order at 7:34 p.m. and led the Assembly in reciting the Pledge of Allegiance.

Ms. King read the notice stating that the meeting was being audio recorded and videotaped with subtitles for public broadcast. She asked everyone to speak clearly, one at a time, into the microphone and said that assisted listening devices were available.

I. ROLL CALL

Ms. King called the Roll. The following Common Council members were present:

Council at Large:	Mr. Gregory Burnett Mr. Colin Hosten Ms. Barbara Smyth	Mr. Michael Corsello Mr. Nicholas Sacchinelli
District A:	Ms. Eloisa Melendez	Mr. Chris Yerinides
District B:	Ms. Darlene Young	Mr. Ernest Dumas
District C:	Mr. John Kydes	
District D:	Mr. Douglas Hempstead	Mr. George Tsiranides
District E:	Mr. John Igneri	Mr. Thomas Livingston

At Roll Call there were fourteen (14) Common Council members present and one (1) absent Ms. Seigelbaum)

Also present were Mayor Harry Rilling, Corporation Counsel, Mario Coppola and City Clerk, Donna King.

II. ACCEPTANCE OF MINUTES

Special Meeting: October 8, 2019

**** MR. IGNERI MOVED TO ACCEPT THE MINUTES AS PRESENTED**

**** MOTION PASSED WITH THREE (3) ABSTENTIONS (MR. CORSELLO, MR. SACCHINELLI AND MR. YERINIDES)**

III. PUBLIC PARTICIPATION

Public participation comments are not verbatim and represent a summarization of statements unless otherwise noted.

Mr. Gus Salvidis spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said they have been planning this memorial monument for many years. He said they were willing to incur all costs associated with the installation of this monument. He added that there were concerns expressed about the location, but it is out of the way; in addition, they scaled down the size as recommended.

Mr. Bill Kydes spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said they have a great relationship with the City.

Mr. Andres Sivides spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said that it is all about tradition. They are looking for the monument to be close to their Club and near the path of members of the Greek community.

Mr. Bill Komensitis spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said that 80% of the Greeks in Norwalk are of this heritage. It is important for them to continue this for their kids and grandchildren.

Mr. Teddy Geobutas spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said that people today want to know about their culture. He added that we live in a country where people from all over the world live together.

Mr. George Silvidis spoke in support of the installation of the Pontian Society of Norwalk's memorial monument at Freese Park. He said he has been involved in the Society since its creation in 1981-1982. Most of these people began coming here in 1908-1909. They began planning this monument in 2006.

IV. MAYOR

A. RESIGNATIONS AND APPOINTMENTS

RESIGNATIONS: There were none this evening.

APPOINTMENTS:

**** MR. HOSTEN MOVED TO APPROVE THE FOLLOWING APPOINTMENT**

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JUDITH BACAL, HISTORICAL COMMISSION

Mr. Hosten spoke in support of this appointment.

**** MOTION PASSED UNANIMOUSLY**

REAPPOINTMENTS: There were none this evening.

MAYOR'S REMARKS:

Mayor Rilling recognized the Norwalk Revolution 15U for their 2019 Babe Ruth World Series Championship Title in Bismarck, ND. He also recognized and thanked the adults involved. Mayor Rilling presented the team members and coaches an individual certificate. Common Council members added their congratulations and also recognized the dedicated families.

V. COUNCIL PRESIDENT

B. CONSENT CALENDAR:

**** MR. BURNETT MOVED THE FOLLOWING CONSENT CALENDAR:**

V.A.1, VI.A.1, VI.A.2, VII.A.1a, VII.A.1b, VII.A.2a, VII.A.2b, VII.A.3, VII.A.4, V.A.5a, VII.A.5b, VII.B.1, VII.C.1, VII.D.1, VII.D.2, VII.D.3, VII.D.4, VII.E.1, VII.E.3, VII.E.4, VII.E.5, VII.F.1a, VII.F.1b, VII.F.3, VII.G.1, VII.G.2, VII.G.3a, VII.G.3b, VII.G.4, VII.G.5a, VII.G.5b, VII.H.1, VII.H.2, VII.H.3, VII.H.5a, VII.H.5b, VII.H.6

VI. REPORTS: DEPARTMENTS, BOARDS AND COMMISSIONS

A. CORPORATION COUNSEL

1. Authorization for discussion: Frank Salazar v. City of Norwalk EXECUTIVE SESSION
2. Authorization to Settle Claim: Judy Hartog v. City of Norwalk, FST-CV-16-6028529-S
EXECUTIVE SESSION

VII. COMMON COUNCIL COMMITTEES

A. HEALTH, WELFARE AND PUBLIC SAFETY COMMITTEE

**1A. AUTHORIZE THE PURCHASING AGENT, SHARON CONNORS, TO
EXECUTE A PURCHASE ORDER ON BEHALF OF THE POLICE
DEPARTMENT TO FIRST PRIORITY GROUP (FPG) FOR THE PURCHASE**

OF AN EMERGENCY SERVICES COMMAND VEHICLE, AS PER SOLE SOURCE PROCUREMENT REQUEST, FOR AN AMOUNT NOT TO EXCEED \$129,500.00. ACCOUNT # 0917301 5777 AND 030000 2660.

1B. AUTHORIZE THE POLICE CHIEF, THOMAS KULHAWIK, TO EXECUTE CHANGE ORDER(S) TO THE ABOVE CONTRACT NOT TO EXCEED \$6,500.00. ACCOUNT # 0917301 5777 AND 030000 2660.

2A. AUTHORIZE THE PURCHASE AGENT, SHARON CONNORS, TO EXECUTE A PURCHASE ORDER ON BEHALF OF THE POLICE DEPARTMENT TO SUPERIOR K-9 SERVICES FOR THE PURCHASE AND TRAINING OF TWO POLICE DOGS FOR AN AMOUNT NOT TO EXCEED \$31,500.00. ACCOUNT # 030000 2664.

2B. AUTHORIZE THE POLICE CHIEF, THOMAS KULHAWIK, TO EXECUTE CHANGE ORDER(S) ON TO THE ABOVE PURCHASE NOT TO EXCEED, \$1,750.00. ACCOUNT # 030000 2664.

3. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN FEDERAL CORRECTIONAL INSTITUTE – DANBURY, CT, FEDERAL BUREAU OF PRISONS, UNITED STATES DEPARTMENT OF JUSTICE AND THE NORWALK POLICE DEPARTMENT, NORWALK, CT FOR THE PURPOSE OF PERMITTING THE NORWALK POLICE DEPARTMENT TO USE THE FIRING RANGES, TRAINING BUILDING AND PARKING AREA FOR TRAINING PURPOSES, IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE MOU.

4. AUTHORIZE THE MAYOR HARRY W. RILLING, UPON RECOMMENDATION AND ADVICE BY THE CITY OF NORWALK CORPORATION COUNSEL AND/OR ASSISTANT CORPORATION COUNSEL, TO ENTER INTO NO CHARGE AGREEMENTS FOR USE AND ACCESS OF PRIVATE PROPERTY LOCATED IN THE CITY OF NORWALK FOR POLICE TRAINING PURPOSES THROUGH THE THIRD TUESDAY OF NOVEMBER 2021. SEE ENCLOSED MEMORANDUM OF THOMAS KULHAWIK DATED SEPTEMBER 4, 2019.

5A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO APPLY FOR AND ACCEPT GRANT FUNDS FROM LEDGE LIGHT HEALTH DISTRICT IN THE AMOUNT OF \$63,288 FOR THE PERIOD BEGINNING JULY 1, 2019 THROUGH JUNE 30, 2020 FOR PUBLIC HEALTH EMERGENCY PREPAREDNESS.

5B. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AND ANY AND ALL AGREEMENTS, DOCUMENTS, INSTRUMENTS OR AMENDMENTS AS MAY BE NECESSARY TO IMPLEMENT THE PUBLIC HEALTH EMERGENCY PREPAREDNESS GRANT FOR THE PERIOD BEGINNING JULY 1, 2019 THROUGH JUNE 30, 2020.

B. PERSONNEL COMMITTEE

1. APPROVAL OF AND VOTE ON RATE OF PAY CHANGE FOR TOWN CLERK.

C. PLANNING COMMITTEE

1. CERTIFIED RESOLUTION OF THE NORWALK COMMON COUNCIL 2019-2029 PLAN OF CONSERVATION & DEVELOPMENT (CITYWIDE PLAN)

WHEREAS, THE COMMON COUNCIL OF THE CITY OF NORWALK MET ON SEPTEMBER 24, 2019 AND UNANIMOUSLY ADOPTED THE NORWALK CITYWIDE PLAN: 2019-2029, PLAN OF CONSERVATION AND DEVELOPMENT, WITH MODIFICATIONS.

WHEREAS, ADDITIONAL MODIFICATIONS WERE SUBMITTED BY THE HARBOR MANAGEMENT COMMISSION THAT WERE NOT REVIEWED BY THE COMMON COUNCIL.

WHEREAS, THE ADDITIONAL MODIFICATIONS WERE ALSO SUBMITTED TO CT DEEP FOR REVIEW AND CT DEEP DETERMINED THAT THE PROPOSED MODIFICATIONS WERE ACCEPTABLE FOR INCLUSION IN CHAPTER 9.

WHEREAS, PLANNING AND ZONING STAFF ALSO REVIEWED THE PROPOSED MODIFICATIONS AND ALSO DETERMINED THAT THEY WERE ACCEPTABLE AND RECOMMENDS THEIR INCLUSION IN THE PLAN.

WHEREAS, THE COMMON COUNCIL OF THE CITY OF NORWALK MET ON OCTOBER 22, 2019 AND ADOPTED THE FOLLOWING RESOLUTION UNANIMOUSLY.

(1) THEREFORE, BE IT RESOLVED, THAT THE COMMON COUNCIL OF THE CITY OF NORWALK RECOMMENDS ADOPTION OF THE MODIFIED CHAPTER 9 FOR INCLUSION IN THE NORWALK CITYWIDE PLAN: 2019-2029, PLAN OF CONSERVATION AND DEVELOPMENT.

(2) BE IT FURTHER RESOLVED, THAT THE COMMON COUNCIL AUTHORIZES MAYOR HARRY RILLING TO SIGN THE NORWALK CITYWIDE PLAN: 2019-2029, PLAN OF CONSERVATION AND DEVELOPMENT, AFTER: A. THE PLANNING COMMISSION HAS INCORPORATED THE MODIFICATIONS APPROVED BY THE COMMON COUNCIL ON SEPTEMBER 24, 2019 AND THE MODIFIED CHAPTER 9; AND B. THE PLANNING COMMISSION HAS APPROVED THE PLAN.

(3) BE IT FURTHER RESOLVED THAT THE NORWALK CITYWIDE PLAN: 2019-2029, PLAN OF CONSERVATION AND DEVELOPMENT, BE EFFECTIVE UPON THE SIGNATURE OF THE MAYOR.

D. FINANCE COMMITTEE

1. ACCEPT AND APPROVE THE REPORT OF THE CLAIMS COMMITTEE DATED: OCTOBER 10, 2019.

2. FOR INFORMATIONAL PURPOSES ONLY: NARRATIVE ON TAX COLLECTIONS DATED OCTOBER 10, 2019.

3. FOR INFORMATIONAL PURPOSES ONLY: MONTHLY TAX COLLECTOR'S REPORT DATED: SEPTEMBER 2019.

4. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT, WITH ACI WORLDWIDE/OFFICIAL PAYMENTS CORPORATION ("OPAY"), FOR THE PURPOSE OF OPAY SUPPLYING ELECTRONIC BILL PAY SERVICES FOR THE TOWN CLERK NEW VISION SYSTEM, IN ACCORDANCE WITH THE TERMS AND CONDITIONS SET FORTH IN THE AGREEMENT.

E. PUBLIC WORKS COMMITTEE

1. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT BETWEEN THE CITY OF NORWALK AND THE OWNER OF THE PROPERTY IDENTIFIED AS #8 MARGARET STREET, NORWALK, CT. 06851 (AGUDOW SERGE A), TO ESTABLISH A RIGHT OF ENTRY, FOR THE PURPOSE OF REPLACING THE STORM PIPE, UNDERNEATH THEIR DRIVEWAY, FOR LIABILITY AND MAINTENANCE PURPOSES, SUBJECT TO SECTION 8-24 OF THE STATE STATUTES, IF REQUIRED.

3. AUTHORIZE THE PURCHASING AGENT TO ISSUE A SOLE SOURCE PURCHASE ORDER TO CARGILL SALT, ROAD SAFETY FOR TREATED ROAD SALT FOR SNOW AND ICE CONTROL, PRICING NOT TO EXCEED

**\$85.00 PER TON FOR NORMAL AND AFTER-HOUR DELIVERIES
EFFECTIVE FOR THE 2019-20 WINTER SEASON. ACCOUNT NO. 01 40 25
5322**

**4. AUTHORIZE THE CHIEF OF OPERATIONS AND PUBLIC WORKS,
ANTHONY CARR, TO ADD ORDERS ON CONTRACT, TO THE PROJECT PM
2019-2 PERMANENT ROADWAY REPAIRS AND SURFACE RESTORATION,
FOR AN AMOUNT NOT TO EXCEED \$35,000, FOR THE PURPOSE OF
INSTALLING FLEXI-PAVE AROUND APPROXIMATELY 52 TREES, IN THE
RAYMOND AND DAY STREET AREA. ACCOUNT NO. 09 17 0910 5777 C0560
09 17 0910 579G C0560 09 17 0910 579F C0560**

**5. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN
AMENDMENT TO THE CONTRACT BETWEEN THE CITY OF NORWALK
AND TIGHE & BOND, FOR CONSTRUCTION INSPECTION SERVICES,
WHICH INCREASES THE VALUE OF THE CONTRACT, BY AN AMOUNT,
NOT TO EXCEED \$434,000. ACCOUNT NO. 010000-2365 030000-2602
091540275777C0440 091740275777C0440 091840275777C0440
091940275777C0425**

F. RECREATION, PARKS AND CULTURAL AFFAIRS COMMITTEE

**1A. AUTHORIZE THE MAYOR, HARRY W. RILLING TO ENTER INTO AN
AGREEMENT WITH RALLYE FOR PANCREATIC CANCER FOR THE USE
OF CALF PASTURE BEACH FOR THEIR CAR SHOW/COMMUNITY EVENT
TO BE HELD SUNDAY, MAY 17, 2020 FROM 10:00 AM – 5:00 PM. SET UP TO
BEGIN AT 7:00 AM WITH TEAR DOWN NO LATER THAN 6:00 PM ON
SUNDAY, MAY 17, 2020. ESTIMATED ATTENDANCE 500**

**1B. APPROVE THE USE OF THE SHOW MOBILE BY THE RALLYE FOR
PANCREATIC CANCER FOR THEIR CAR SHOW/COMMUNITY EVENT TO
BE HELD SUNDAY, MAY 17, 2020 FROM 10:00 AM – 5:00 PM.**

**3. RESCIND ITEM NO. VII.A.1A ON THE COMMON COUNCIL AGENDA OF
SEPTEMBER 24, 2019, WHICH READS AS FOLLOWS:**

**1A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO ENTER INTO AN
AGREEMENT WITH A.V. TUCHY, INC. FOR PROJECT #3948 WINDOW
AND DOOR REPLACEMENT AT RIPKA'S BEACH CAFÉ – CALF PASTURE
BEACH NOT TO EXCEED \$104,940.00. ACCOUNT #S 0920-6030-5777-C0365
(\$95,000) AND 0918-6030-5777-C0365 (\$9,940).**

NEW ACTION AUTHORIZATION REQUEST:

AUTHORIZE THE MAYOR, HARRY W. RILLING, TO ENTER INTO AN AGREEMENT WITH A.V. TUCHY, INC. FOR PROJECT #3948 WINDOW AND DOOR REPLACEMENT AT RIPKA'S BEACH CAFÉ – CALF PASTURE BEACH NOT TO EXCEED \$108,160.00. ACCOUNT #'S 0920-6030-5777-C0365 (\$95,000.00) AND 0918-6030-5777-C0365 (13,160.00).

G. ORDINANCE COMMITTEE

1. APPROVE PROPOSED REVISION TO CHAPTER 20, BIKE WALK/ADVISORY COMMISSION • § 20-1(B) – COMPOSITION; APPOINTMENT; TERMS; VACANCIES; COMPENSATION

2. APPROVE NEW SECTION TO CHAPTER 26, BUILDING CODE • § 26-6(B) – FEES

3A. APPROVE REVISION TO CHAPTER 21, BILLBOARDS AND SIGNS • § 21-2(A) – PERMIT OBTAINED FROM BUILDING INSPECTOR

3B. APPROVE NEW SECTION TO CHAPTER 21, BILLBOARDS AND SIGNS • § 21-2(B) – PERMIT OBTAINED FROM BUILDING INSPECTOR

4. APPROVE REVISIONS TO CHAPTER 95, STREETS AND SIDEWALKS • § 95-1 – DEFINITIONS • § 95-5 – LITTERING PROHIBITED • § 95-7 – GRASS AND WEEDS • § 95-10 – SNOW AND ICE REMOVAL FROM SIDEWALKS AND DRIVEWAYS

5A. APPROVE REVISION TO CHAPTER 95A, ILLEGAL DUMPING • § 95A-3(A) – LITTERING AND ILLEGAL DUMPING PROHIBITED

5B. APPROVE NEW SECTION TO CHAPTER 95A, ILLEGAL DUMPING • § 95A-3(B) – LITTERING AND ILLEGAL DUMPING PROHIBITED

H. LAND USE AND BUILDING MANAGEMENT COMMITTEE

1. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO ENTER INTO AN AGREEMENT WITH TIGHE & BOND, INC. FOR ENVIRONMENTAL ENGINEERING SERVICES FOR THE MARITIME AQUARIUM FUNCTIONAL REPLACEMENT PROJECT TO INCLUDE SOIL MONITORING SERVICES (NOT TO EXCEED \$98,000) AND HAZARDOUS BUILDING MATERIAL ABATEMENT MONITORING SERVICES (NOT TO EXCEED \$20,000) FOR A TOTAL NOT TO EXCEED \$118,000. FUNDS ARE AVAILABLE IN THE MARITIME AQUARIUM FUNCTIONAL REPLACEMENT PROJECT. ACCT. #0919 4031 5799 C0635"

2. AUTHORIZE THE PURCHASING AGENT TO ISSUE PURCHASE ORDER(S) WITH CONNECTICUT MATERIALS TESTING LABS, INC. FOR THE MARITIME AQUARIUM FUNCTIONAL REPLACEMENT PROJECT FOR A TOTAL NOT TO EXCEED \$125,270.00. FUNDS ARE AVAILABLE IN MARITIME AQUARIUM FUNCTIONAL REPLACEMENT ACCT. #09194031 5799 C0635

3. AUTHORIZED THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AMENDMENT TO CONSTRUCTION SOLUTIONS GROUP, LLC'S CONTRACT FOR PROGRAM MANAGEMENT SERVICES FOR SCHOOL CONSTRUCTION PROJECTS TO ALLOCATE JEFFERSON SCHOOL SERVICES TO THE JEFFERSON SCHOOL CAPITAL BUDGET ACCOUNT FOR A TOTAL NOT TO EXCEED \$418,553.00 ACCT. #09205010 5777 C0619

5A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH ALDEN BAILEY RESTORATION CORPORATION FOR THE LOCKWOOD MATHEWS MANSION MUSEUM VERANDA ROOF RESTORATION PROJECT FOR A TOTAL NOT TO EXCEED \$209,880.00 ACCT #0918/19/206310 5777 C0092

5B. AUTHORIZE THE HISTORICAL COMMISSION TO ISSUE CHANGE ORDERS ON CONTRACT FOR A TOTAL NOT TO EXCEED \$20,988.00.

6. AUTHORIZED THE MAYOR, HARRY W. RILLING TO EXECUTE A NEGATIVE PLEDGE AND RESTRICTIVE LAND COVENANT ON LOCKWOOD MATHEWS MANSION, AND THE LAND UPON WHICH IT SITS, IN FAVOR OF THE STATE OF CONNECTICUT, AS REQUIRED UNDER THE TERMS OF THE \$5,000,000 FINANCIAL ASSISTANCE GRANT BY THE STATE OF CONNECTICUT TO THE LOCKWOOD MATHEWS MANSION MUSEUM OF NORWALK, INC.

**** MOTION PASSED UNANIMOUSLY**

VII. COMMON COUNCIL COMMITTEES

E. PUBLIC WORKS COMMITTEE

**** MR.IGNERI MOVED TO APPROVE THE FOLLOWING ITEM:**

2. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AMENDMENT TO THE WOODARD & CURRAN AGREEMENT DATED AUGUST 12, 2019 TO PROVIDE ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR THE STORM DRAINAGE SYSTEM EVALUATION IN ACCORDANCE WITH SCOPE OF SERVICES INCLUDED QUALIFICATIONS

**PROPOSAL DATED SEPTEMBER 27, 2019 (COPY OF INCLUDED) FOR A
SUM NOT TO EXCEED \$250,000.00. ACCOUNT NO. 09 19 4027 5777 C0425**

Mr. Igneri spoke about the item and said he wanted to praise the Public Works department. He noted that around 46 streets in Norwalk have flooding problems. He announced a public forum that will take place on November 20th and 21st.

Mayor Rilling congratulated Mr. Carr who has a background in flood mitigation. He also gave this Council and Mr. Carr credit for recognizing that something had to be done about flooding.

**** MOTION PASSED UNANIMOUSLY**

F. RECREATION, PARKS AND CULTURAL AFFAIRS COMMITTEE

**** MR. CORSELLO MOVED TO APPROVE THE FOLLOWING ITEM:**

2. AUTHORIZE THE MAYOR, HARRY W. RILLING TO ENTER INTO AN AGREEMENT WITH THE PONTIAN SOCIETY OF NORWALK FOR THE INSTALLATION OF THEIR MEMORIAL MONUMENT AT FREESE PARK. AGREEMENT TO BE EXECUTED BY CORPORATION COUNCIL. THE PONTIAN SOCIETY OF NORWALK WILL BE RESPONSIBLE FOR ALL COSTS RELATED TO MOVING AND STORING THE MEMORIAL MONUMENT FOR ANY PARK RENOVATIONS RECOMMENDED BY THE CURRENT FREEZE PARK MASTER PLAN.

Mr. Corsello explained the item and noted that it has been approved by the Arts Commission. He thanked the members of the Pontian Society and said the City should accept this monument, but not at Freese Park. He said placing in there was not consistent with the Master Plan that was approved in 2017. He said he was concerned that Freese Park is small and the monument would take up programmable space.

Mr. Hempstead said it was a wonderful monument, but was concerned about having it in Freese Park. He said he wished more time was taken to look at other locations. He said he was not opposed to the monument, but would like to look at other locations. He said his vote is not against the Pontian Society, but the monument does not match what is envisioned for Freese Park.

Mr. Kydes expressed his appreciation for the concessions made regarding the monument and said he supported its location at Freese Park. He said that location was recommended by the firm that created the Master Plan. In addition, the design has been approved by the Parks and Recreation Committee and the Arts Commission.

Mr. Kydes talked about the Grock genocide and said many resident's families were impacted by that.

Mr. Tsiranides said that even though the location may not be ideal, 2020 is significant. Although the Greek genocide lasted 400 years, 2020 is the 100th anniversary of the Greek genocide of 1920. Many residents had ancestors who perished in the Greek genocide.

Mr. Ycrinides said he was not originally in favor of placing the monument in Freese Park because he spends a lot of time there at open mikes. He said he thought it would impede any activities there. He said he wants to be strategic going forward, but it is not fair to penalize them because there are no rules in place.

Ms. Smyth said she supports the monument, but is specifically concerned about the location. Recently the Hungarian monument was moved and she questioned whether or not it would be right to allow this monument at Freese Park if they do not allow others.

**** MR. KYDES MOVED THAT THE PONTIAN SOCIETY OF NORWALK WILL BE RESPONSIBLE FOR ALL COSTS RELATED TO MOVING AND STORING THE MEMORIAL MONUMENT FOR ANY PARK RENOVATIONS RECOMMENDED BY THE CURRENT FREESE PARK MASTER PLAN**

Ms. Young asked if there were any plans to make Heritage Park ADA compliant. Mayor Rilling said eventually, it will have to be ADA compliant.

Mr. Kydes said he understood that the City absorbed the cost to move the Hungarian monument. Mr. Hempstead said that he would hope that with enough foresight, they would not have to move the monument.

**** THE AMENDMENT PASSED WITH ONE (1) VOTE IN OPPOSITION (MR. HEMPSTEAD) AND ONE (1) ABSTENTION (MR. HOSTEN)**

Mr. Hosten explained his abstention. He said they should think about having monuments not just at Heritage Park for public view and appreciation. He said he wants to be sure that the location for this monument is structurally sound.

Mr. Roberts, Director of Parks and Recreation explained that the benefit of placing the monument at Freese Park now is that they can do all the engineering.

Mayor Rilling said he has been meeting with George and Gus and they proposed this for some time. They have been patient and flexible.

Mr. Hempstead said Heritage Park is hard to get to also, and suggested there could be rotating monuments.

**** MOTION AS AMENDED PASSED WITH FOUR (4) VOTES IN OPPOSITION (MR. HEMPSTEAD; MR. DUMAS; MR. LIVINGSTON AND MS. YOUNG)**

H. LAND USE AND BUILDING MANAGEMENT COMMITTEE

**** MR. LIVINGSTON MOVED THE FOLLOWING ITEMS:**

4A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AMENDMENT TO THE AGREEMENT WITH NEWFIELD CONSTRUCTION, INC. AS THE CONSTRUCTION MANAGER (CM) FOR THE NORWALK HIGH SCHOOL WOOD PANELING AND WOOD DOOR REPLACEMENT PROJECT, TO ACCEPT THE GUARANTEED MAXIMUM PRICE (GMP) IN THE AMOUNT OF \$1,609,335.00. FUNDS ARE AVAILABLE IN ACCT. #0918/195010 5777 C0610.

4B. AUTHORIZE THE NFCC TO ISSUE CHANGE ORDERS ON CONTRACT FOR A TOTAL NOT TO EXCEED \$160,933.00.

Mr. Livingston explained the items. Mr. Hempstead spoke in opposition and said there were other things to spend \$1.6 million on.

**** MOTION PASSED WITH ONE (1) VOTE IN OPPOSITION (MR. HEMPSTEAD) AND ONE (1) ABSTENTION (MS. YOUNG)**

VI. REPORTS: DEPARTMENTS, BOARDS AND COMMISSIONS

A. GENERAL COUNCIL BUSINESS:

**** MR. HEMPSTEAD MOVED TO GO INTO EXECUTIVE SESSION TO DISCUSS THE FOLLOWING ITEM**

1. DISCUSSION REGARDING LITIGATION TITLED, CITY OF NORWALK AND CITY OF NORWALK REDEVELOPMENT AGENCY VS. ILSR OWNERS, LLC AND WALL ST OPPORTUNITY FUND, LLC, WHICH IS CURRENTLY PENDING IN THE STAMFORD-NORWALK JUDICIAL DISTRICT AT STAMFORD

**** MOTION PASSED UNANIMOUSLY**

The public was excused from the Common Council chambers and the Common Council members went into Executive Session at 8:49 p.m.

The Common Council members came out of Executive Session at 9:12 p.m.

During the Executive Session no motions were made and no votes were taken.

**** MR. HEMPSTEAD MOVED TO APPROVE THE CORPORATION COUNSEL
TO EXECUTE PROPOSED STIPULATION FOR JUDGEMENT ON BEHALF
OF THE CITY
** MOTION PASSED UNANIMOUSLY**

X. MOTIONS POSTPONED TO A SPECIFIC DATE

There were none.

X. SUSPENSION OF RULES

There were none

XI. ADJOURNMENT

**** MS. MELENDEZ MOVED TO ADJOURN
** MOTION PASSED UNANIMOUSLY**

There was no further business and the meeting was unanimously adjourned at 9:14 p.m.

ATTEST: _____
Donna King, City Clerk

VII. A



CITY OF NORWALK
Alan Lo, Buildings and Facilities Manager
alo@norwalkct.org P: 203-854-7877
Norwalk City Hall
125 East Avenue, PO Box 5125
Norwalk, CT 06856-5125

TO : LAND USE AND BUILDING MANAGEMENT COMMITTEE

FROM: ALAN LO, BUILDINGS AND FACILITIES MANAGER

RE : **NORWALK HIGH SCHOOL WOOD DOORS AND PANELING REPLACEMENT PROJECT**

DATE: OCTOBER 1, 2019

On September 10, 2019, the Common Council approved Newfield Construction Inc.'s proposal for Construction Management Services for the Norwalk High School Wood Doors and Paneling Replacement Project. Unfortunately, there was a typo with the account numbers. The listed account number "C0619" is for Jefferson School. The correct account is #0918/195010 5777 C0610.

ACTIONS REQUESTED:

TECHNICAL CORRECTION: Correct Common Council action of September 10, 2019 Item VII. E.4. & 5. to reflect the correct account number of #0918/195010 5777 C0610:

4. Authorize the Mayor, Harry W. Rilling, to execute an agreement with Newfield Construction, Inc. as the Construction Manager (CM) for the Norwalk High School Wood Doors & Paneling Replacement Project State Project No. 103-0250 A/CV. Terms of the agreement shall include the following:

Preconstruction Phase Services (including reimbursable allowance)	\$15,000
CM Fees (% of total trade bids)	2.50%
CM Contingency (% of total trade bids)	2.00%

Following bidding process, final contract price (GMP) will be submitted to the Common Council for approval. **Acct. #0918/195010 5777 C0610**

5. Authorize the Mayor, Harry W. Rilling, to execute an agreement with Newfield Construction, Inc. as the Construction Manager (CM) for the Norwalk High School Wood Doors & Paneling Replacement Project State Project No. 103-0252. Terms of the agreement shall include the following:

Preconstruction Phase Services (including reimbursable allowance)	\$25,000
CM Fees (% of total trade bids)	2.50%
CM Contingency (% of total trade bids)	2.00%

Following bidding process, final contract price (GMP) will be submitted to the Common Council for approval. **Acct. #0918/195010 5777 C0610**

VII. B



CP241 LOC A Signal House Installation Plan

CP 243 Interlocking

**Walk Bridge Program
Cianbro/Middlesex XV JV**

**Date: 10/7/2019
Revision: 01**

Revision Log

Revision	Date Of Issuance	Description of Change	Sections Revised
00	8/14/2019	Initial Issue	N/A
01	10/7/2019	Changed rigging/installation plan	Appendix A

Table of Contents

1.	Section 01 - Preface	I
2.	Section 02 – Project Information	I
3.	Section 03 – Scope of Work (Railroad Specific).....	I
4.	Section 04 – Limitation of Operations (Railroad Specific)	I
5.	Section 05 – Control of the Work	2
6.	Section 06 – Hazards	2

Appendix A - Signal House Installation Plan

Appendix B – Access Locations

Appendix C - Equipment

Section 01 - Preface

Cianbro Middlesex (CMJV) is providing this "CP241 LOC A Signal House Installation Plan" in accordance with the special provisions of this Contract. The plan must be submitted to Metro-North Railroad (MNR or the Railroad) prior to commencement of work by CMJV in the Railroad right-of-way (ROW).

Section 02 – Project Information

CTDOT Project Number: 0301-0181A CP243 Interlocking

Town: Norwalk, CT

Owner: State of Connecticut (CTDOT)

Designer: HNTB Corporation

Contractor: Cianbro Middlesex JV XV

Section 03 – Scope of Work (Railroad Specific)

CMJV will install the CP 241 LOC A Signal House at the proposed location in the contract drawings. The signal house will sit on the previously installed precast pier foundations.

Installing the signal house will consist of:

1. Setting up a DEMAG AC395 Crane at the South Norwalk Police Station.
2. Transporting the LOC A Signal House to the South Norwalk Police Station.
3. Pick the LOC A Signal House with the Demag AC395 Crane using fabricated strong back.
4. Set the LOC A Signal House on the precast pier foundations.
5. Secure the LOC A Signal House using the manufacturer provided foundation clips.

The detailed installation plan can be found in Appendix A.

Section 04 – Limitation of Operations (Railroad Specific)

CMJV will utilize the MNR flagmen to work within the MNR ROW at CP241. The limits of the work will be from approx. Sta 2171+50+00 to Sta 2172+50. This work will require a track outage on Track #6, with the catenary power and south side power grounded.

Section 05 – Control of the Work

Access to the Work

CMJV will access Track #4 and Track #6 under the direction of the designated flag person. The primary access point will be at South Norwalk Station (See Appendix B).

Section 06 – Hazards

Potential hazards and CMJV's effort to eliminate the hazards are as follows:

Hazard	Elimination Effort
Struck by moving equipment and material.	All moving equipment will have spotters. Heavy material being lifted/moved will have tag lines to stabilize the material and an engineered rigging plan will be provided.
Fouling active train lines.	Track #6 will be out of service. MNR Flaggers will be utilized so that no equipment or personnel foul active rails without an MNR flaggers permission.

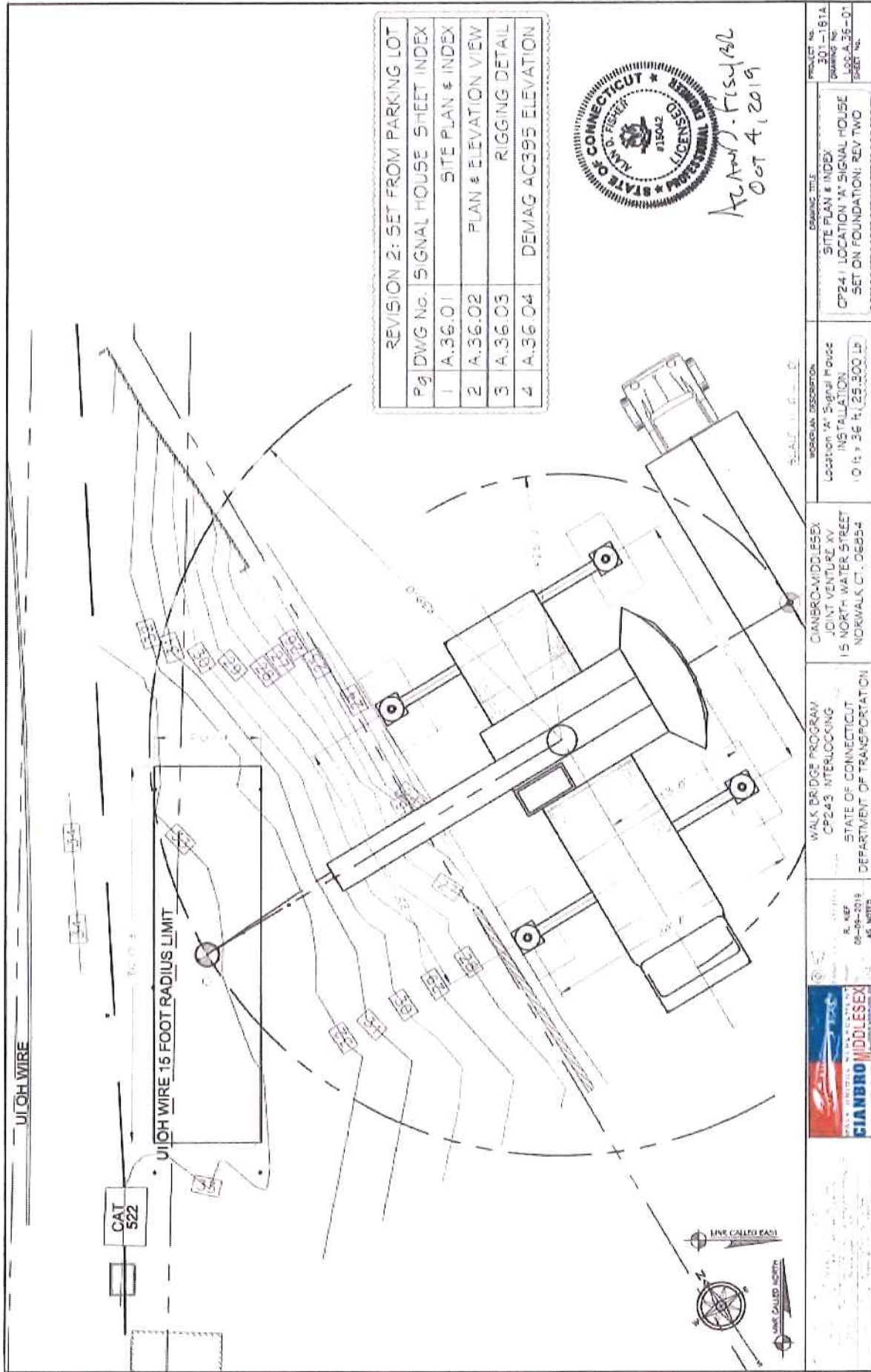


CP241 LOC A Signal House Installation Plan

Appendix A – Signal House Installation Plan

CP243 Improvements

Walk Bridge Program Cianbro/Middlesex JV XV



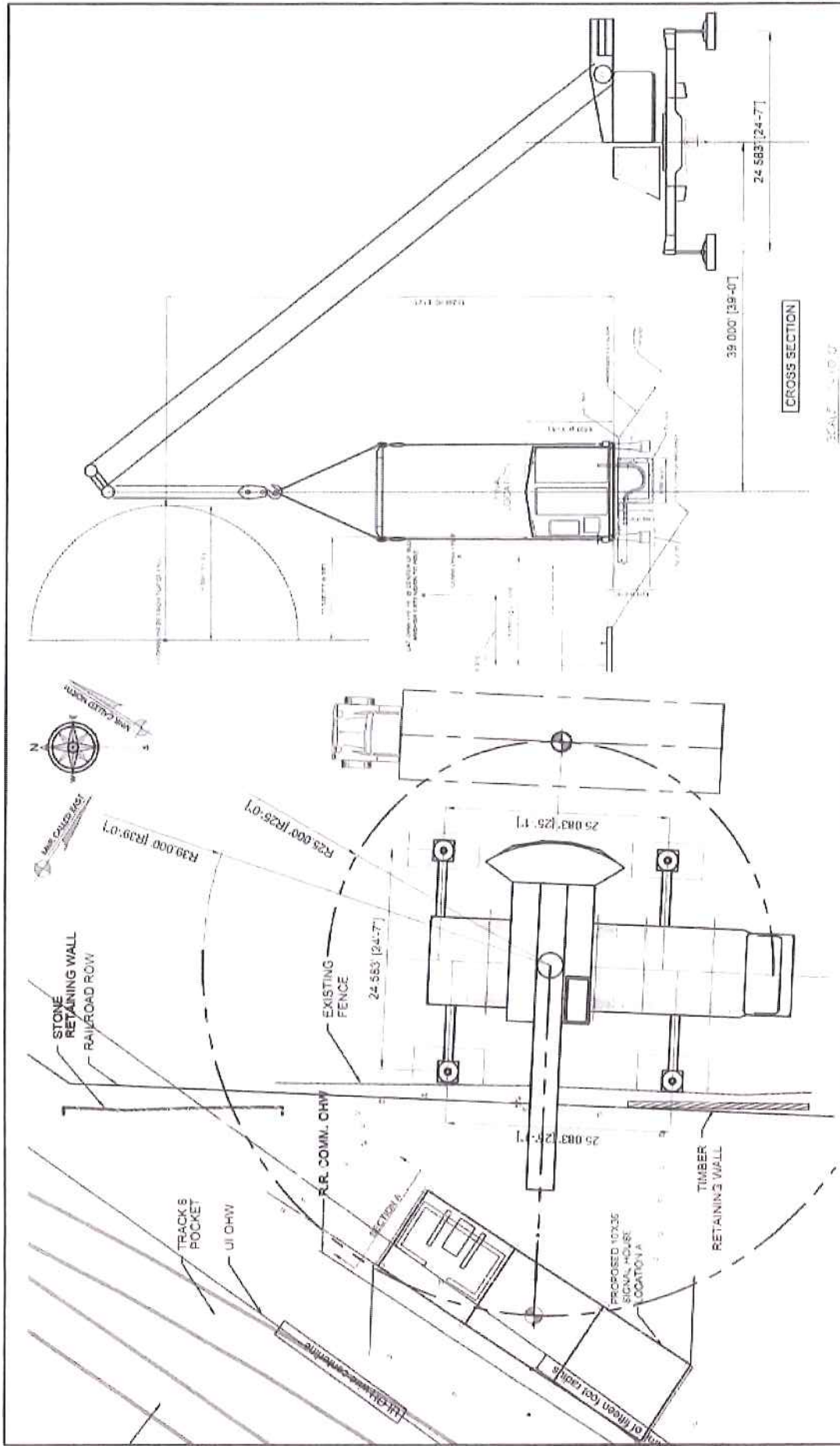
REVISION 2: SET FROM PARKING LOT

Pg	DWG No.	SIGNAL HOUSE	SHEET INDEX
1	A.36.01		SITE PLAN & INDEX
2	A.36.02		PLAN & ELEVATION VIEW
3	A.36.03		RIGGING DETAIL
4	A.36.04		DEMAG AC395 ELEVATION

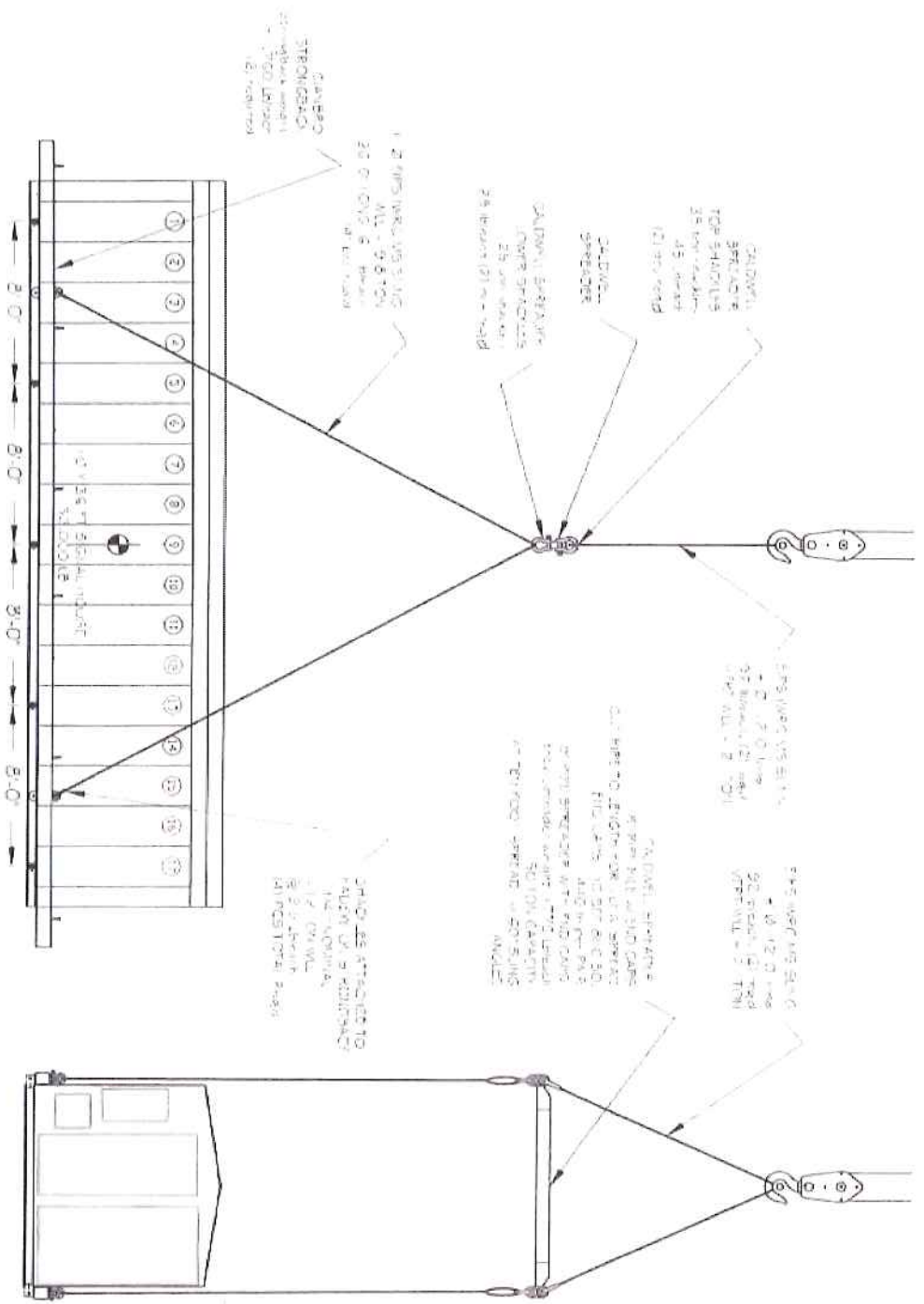


AC 395 - 15' Radius
 OCT 4, 2019

	PROJECT NO. 301-181A
	DRAWING NO. 002A.35-01 SHEET NO.
DRAWING TITLE SITE PLAN & INDEX	
CP241 LOCATION 'A' SIGNAL HOUSE SET ON FOUNDATION: REV TWO	
WORKMAN DESCRIPTION Location 'A' Signal House INSTALLATION 10 ft x 36 ft (25,300 lb)	CIANBRO-MIDDLESEX JOINT VENTURE BY 15 NORTH WATER STREET NORWALK, CT 06854
WALK BRIDGE PROGRAM CP243 INTERLOCKING STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	
DATE 04-04-2019 BY AS NOTED	



	WALK BRIDGE PROGRAM CP243 INTERLOCKING STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	CIAMBRO MIDDLESEX JOINT VENTURE, LLC 15 NORTH WATER STREET NORWALK, CT 06854	Location: Signal House INSTALLATION 10 ft x 36 ft (25,300 sq ft)	PLAN & ELEVATION CP241 LOCATION 'A' SIGNAL HOUSE SET ON FOUNDATION REV TWO	DATE: 08-09-2019 BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]
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	WALK BRIDGE PROGRAM CP24.3 INTERLOCKING STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	CIAMBRO-MIDDLESEX JOINT VENTURE, INC. 15 NORTH WATER STREET NORWALK, CT 06854	LOCATION: A. Signal House INSTALLATION 10 ft x 36 ft (25,300 lb)	RIGGING DETAIL CP24.1 LOCATION "A" SIGNAL HOUSE SET ON FOUNDATION - REV TWO	DATE: 12-1-13 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]
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CP241 LOC A Signal House Installation Plan

Appendix B – Access Locations

CP243 Improvements

Walk Bridge Program Cianbro/Middlesex JV XV





CP241 LOC A Signal House Installation Plan

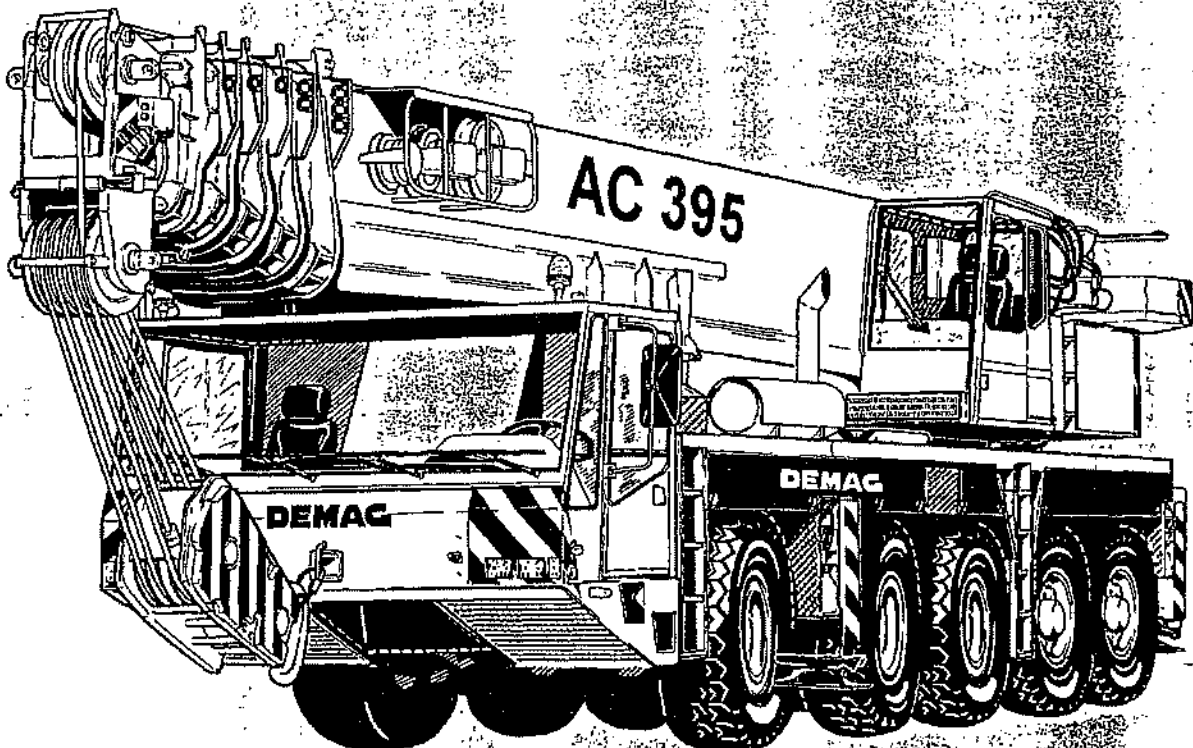
Appendix C – Equipment

CP243 Improvements

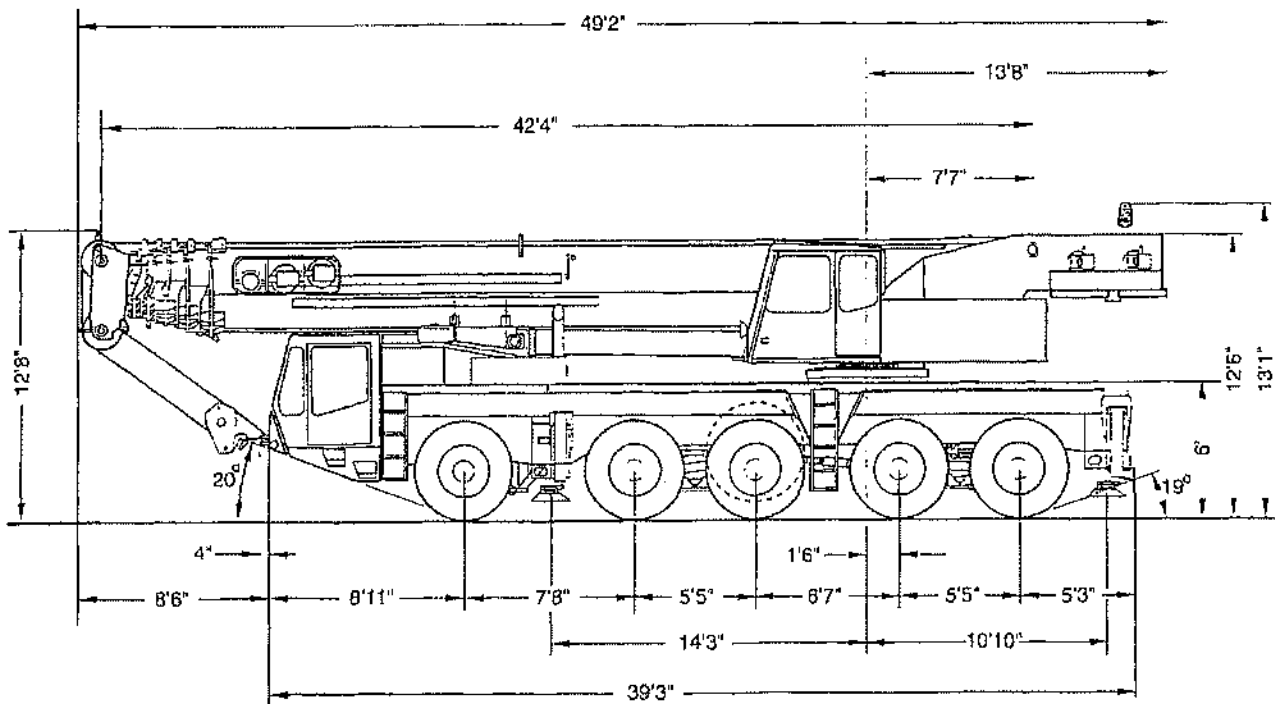
Walk Bridge Program Cianbro/Middlesex JV XV

**MANNESMANN
DEMAG**

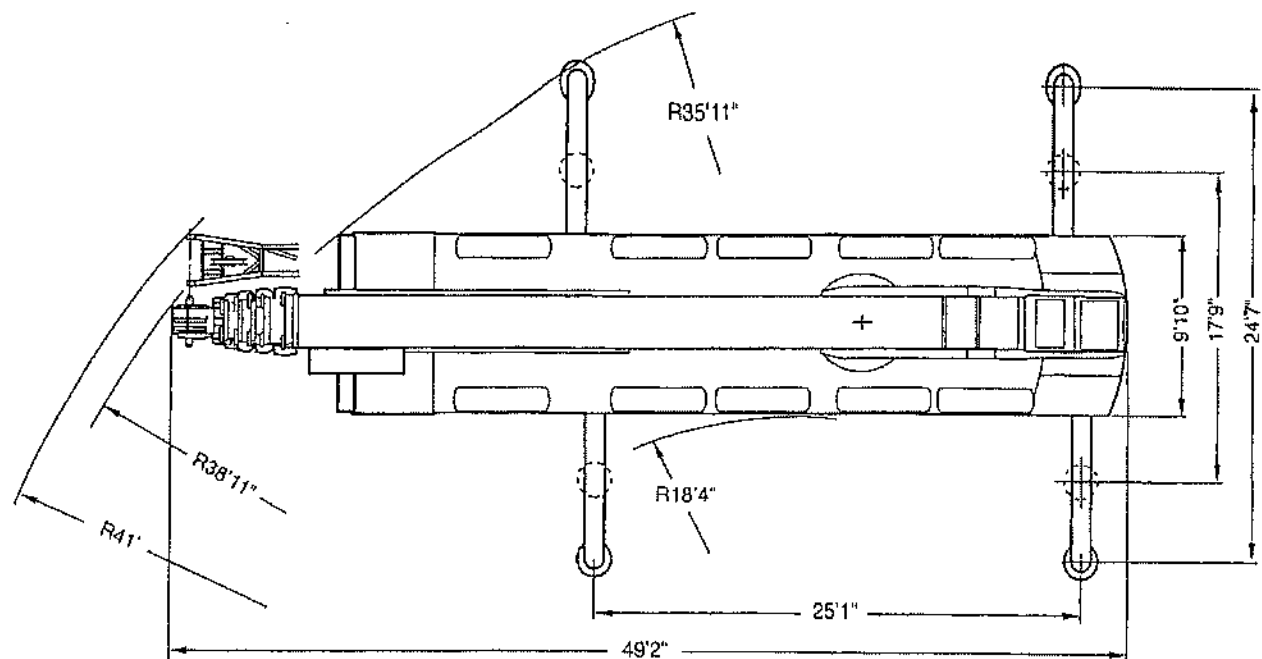
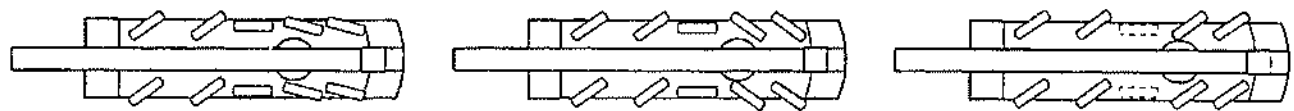
Demag AC 395



Dimensions



Dimensions



Specifications

Axle loads

Basic machine with hook block type 32, 17600 lb counterweight, tires 14.00 R 25, spare wheel.

Basic machine 56 ft main boom extension, with hook block type 32, 13200 lb counterweight, tires 14.00 R 25, spare wheel.

Axles	5 x 26,460 lb
Total	132,300 lb

Working speeds (infinitely variable)

Mechanisms	Normal speed	High speed	Max. permissible line pull ¹⁾	Length of hoist rope
Hoist I	197 ft/min	361 ft/min	16,000 lb	787 ft
Hoist II	197 ft/min	361 ft/min	16,000 lb	787 ft

Slewing

max. 2 rpm

Telescoping speed 42-197 ft: 150 s

Boom elevation -1.5° - +80.5°: 55 s

Carrier performance

Travel speed	0 to 46/50 mph ²⁾
Forward	0 to 4 mph
Reverse	max. 60%
Gradeability in travel order	13 inches
Ground clearance	

Hook block/Single line hook

Type	Possible load ²⁾	Number of sheaves	Number of lines	Weight	"D"
125 ³⁾	132 t	9	18	2867 lb	6.6 ft
80	87 t	5	11	2051 lb	6.2 ft
63	55 t	3	7	1543 lb	6.2 ft
32	23 t	1	3	1213 lb	5.9 ft
8	8 t	Single line hook		551 lb	5.6 ft



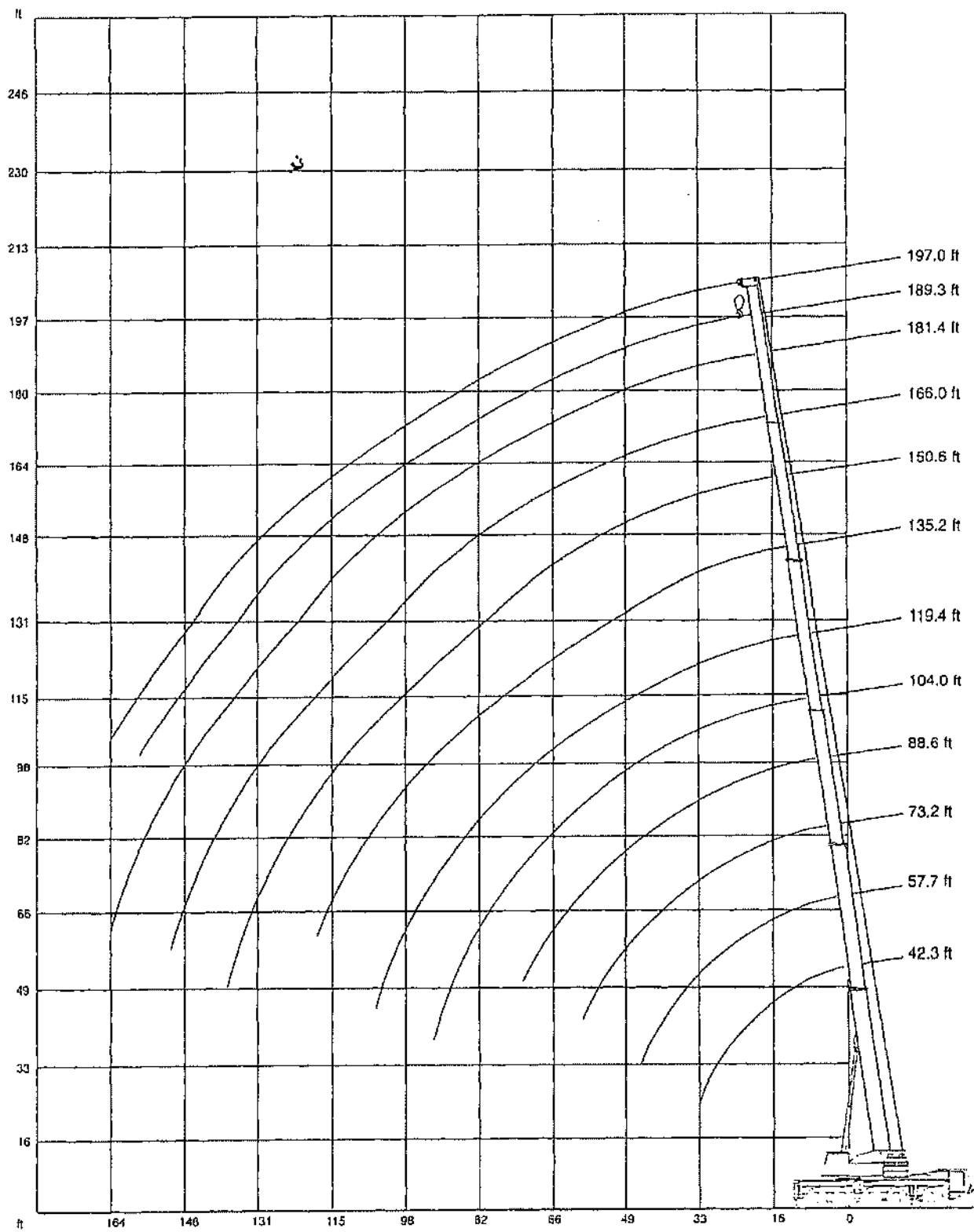
¹⁾ heavy-lift attachment is required, without heavy-lift attachment: capacity 96 tons (12 lines)

²⁾ varies depending on national regulations

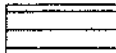
³⁾ varies depending on line pull permissible under different national regulations

⁴⁾ depending on tires

Working range main boom



Lifting capacities main boom in 1,000 lb

66,100 lb  25'1" x 24'7" 360° 85%

		Length of main boom (ft)																	
Radius		42.3 ft	57.7 ft	73.2 ft	88.6 ft	104.0 ft	104.7 ft	119.4 ft	135.2 ft	134.8 ft	150.6 ft	150.6 ft	166.0 ft	166.0 ft	181.4 ft	181.4 ft	189.3 ft	197.0 ft	
	ft	1,000 lb																	
10	300.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	241.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	234.5	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	213.7	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	193.9	166.0	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	185.1	160.6	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-	-	
19	163.0	144.3	121.2	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-	-	
23	139.5	126.2	121.1	96.9	48.5	72.7	48.4	48.5	-	-	-	-	-	-	-	-	-	-	
26	120.8	115.5	112.2	93.5	48.5	70.9	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-	-	
29	106.1	104.6	101.7	87.7	48.5	66.3	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-	-	
33	87.7	89.4	86.8	79.5	48.4	60.3	43.0	48.4	45.9	33.9	36.5	21.8	29.7	16.9	-	-	-	-	
39	-	68.3	65.2	64.0	45.3	52.9	39.2	46.2	41.7	33.1	34.3	21.8	28.5	16.9	21.8	16.9	-	-	
46	-	51.4	48.6	47.7	41.1	45.3	35.4	41.6	37.4	29.2	31.2	21.8	26.4	16.9	21.8	16.9	19.3	16.9	
52	-	-	39.1	38.2	37.5	37.4	32.0	38.4	34.2	26.4	28.6	21.8	24.6	16.9	21.2	16.7	17.5	16.7	
59	-	-	30.9	30.0	33.9	29.3	26.9	34.6	30.6	23.6	25.5	19.8	22.2	16.9	19.4	15.2	16.3	16.0	
65	-	-	-	24.5	30.3	23.9	26.4	31.8	28.2	21.5	23.1	18.0	20.4	16.9	18.0	14.2	15.1	15.0	
72	-	-	-	19.3	25.6	18.6	24.0	26.5	25.2	19.4	20.7	16.5	18.5	15.4	16.5	12.8	14.1	14.1	
79	-	-	-	-	-	14.2	21.9	22.5	22.1	17.5	18.6	14.9	16.9	14.0	15.1	11.8	12.9	12.9	
85	-	-	-	-	-	11.3	20.7	19.5	19.1	16.5	17.2	14.1	15.9	13.0	14.3	10.6	11.9	12.1	
92	-	-	-	-	-	8.7	18.2	16.7	16.0	15.1	16.0	12.7	14.5	12.1	12.9	9.9	10.5	11.2	
98	-	-	-	-	-	-	-	14.4	14.0	14.5	14.0	12.1	13.7	11.3	12.1	9.0	9.5	10.4	
105	-	-	-	-	-	-	-	12.3	11.8	13.6	11.6	11.2	11.6	10.3	11.4	8.1	8.1	9.6	
111	-	-	-	-	-	-	-	-	10.0	11.8	10.0	10.4	10.0	9.9	10.2	7.5	7.3	8.8	
118	-	-	-	-	-	-	-	-	8.4	10.1	8.4	9.9	8.4	9.2	8.4	6.8	6.6	7.9	
124	-	-	-	-	-	-	-	-	-	-	7.1	9.3	7.1	8.8	7.3	6.4	6.2	7.1	
131	-	-	-	-	-	-	-	-	-	-	5.7	8.1	5.7	7.9	6.2	5.5	5.3	6.2	
138	-	-	-	-	-	-	-	-	-	-	4.8	7.2	4.8	7.0	4.8	5.0	4.5	4.8	
144	-	-	-	-	-	-	-	-	-	-	-	-	4.0	6.2	4.0	4.6	3.5	4.0	
151	-	-	-	-	-	-	-	-	-	-	-	-	2.8	5.0	3.0	4.1	2.6	3.0	
157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	3.5	2.0	2.2	
164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	2.8	-	1.5	

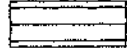
Boom extension sequence %

Tele 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100
Tele 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100
Tele 3	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 4	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 5	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100

*) over rear

Lifting capacities main boom in 1,000 lb

44,100 lb



25'1" x 24'7" 360°

85%

Length of main boom (ft)																	
Radius	42.3 ft	57.7 ft	73.2 ft	88.6 ft	88.6 ft	104.0 ft	104.7 ft	119.4 ft	135.2 ft	134.8 ft	150.6 ft	150.6 ft	166.0 ft	166.0 ft	181.4 ft	181.4 ft	189.3 ft
ft	1,000 lb																
10	300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	241.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	232.3	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	210.6	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	191.0	166.0	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-
16	182.4	160.5	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-
19	158.7	144.3	121.2	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-
23	127.6	126.1	121.0	96.9	48.5	72.7	48.4	48.5	-	-	-	-	-	-	-	-	-
26	110.3	109.2	106.1	93.5	48.5	70.9	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-
29	92.6	91.7	88.1	85.4	48.5	66.3	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-
33	72.9	72.3	69.0	67.9	48.4	60.2	43.0	48.4	45.9	33.9	36.5	21.8	29.7	16.9	-	-	-
39	-	53.8	50.9	49.8	45.3	48.7	39.2	46.2	41.7	33.1	34.3	21.8	28.5	16.9	21.8	16.9	-
46	-	39.5	36.7	35.8	41.1	35.4	35.4	41.5	37.4	29.2	31.2	21.8	26.4	16.9	21.8	16.9	19.3
52	-	-	28.8	27.5	34.2	26.9	32.0	35.3	34.2	26.4	28.6	21.8	24.6	16.9	21.2	16.7	17.5
59	-	-	21.4	20.3	27.1	19.6	28.9	28.4	28.0	23.6	25.5	19.8	22.2	16.9	19.4	15.2	16.3
65	-	-	-	15.6	22.5	15.0	25.0	23.8	23.2	21.5	22.9	18.0	20.4	16.9	18.0	14.2	15.1
72	-	-	-	11.5	17.9	10.4	20.8	19.2	18.6	19.4	18.8	16.5	18.5	15.4	16.5	12.8	14.1
79	-	-	-	-	-	7.3	17.3	15.7	15.1	17.0	15.1	14.9	15.1	14.0	15.1	11.8	12.9
85	-	-	-	-	-	4.9	14.8	13.1	12.6	14.4	12.6	14.1	12.6	13.0	12.8	10.6	11.9
92	-	-	-	-	-	2.8	12.2	10.7	10.1	12.0	10.1	12.7	10.3	12.0	10.3	9.9	10.1
98	-	-	-	-	-	-	-	9.1	8.2	10.2	8.2	10.9	8.5	10.6	8.5	9.0	8.2
105	-	-	-	-	-	-	-	7.2	6.8	8.3	6.8	9.2	6.8	9.2	6.8	8.1	6.6
111	-	-	-	-	-	-	-	-	5.4	7.1	5.4	7.8	5.4	7.8	5.6	6.9	5.2
118	-	-	-	-	-	-	-	-	4.2	5.7	4.2	6.6	4.2	6.4	4.2	5.5	3.9
124	-	-	-	-	-	-	-	-	-	-	3.0	5.4	3.0	5.4	3.2	4.5	2.7
131	-	-	-	-	-	-	-	-	-	-	2.0	4.4	2.0	4.2	2.2	3.3	1.7
138	-	-	-	-	-	-	-	-	-	-	-	3.5	-	3.2	-	2.4	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	1.8	-
151	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-

Boom extension sequence %

Tela 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100
Tela 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100
Tela 3	0	0	0	0	30	0	54	54	80	73	70	90	80	100	90	100	92	100
Tela 4	0	0	0	0	30	0	54	54	80	73	70	90	80	100	90	100	92	100
Tela 5	0	0	0	0	30	0	54	54	80	73	70	90	80	100	90	100	92	100

*) over rear

Lifting capacities main boom in 1,000 lb

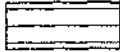
17,600 lb  25'1" x 24'7" 360° 85%

	Length of main boom (ft)																		
Radius ft	42.3 ft	57.7 ft	73.2 ft	88.6 ft	88.6 ft	104.0 ft	104.7 ft	119.4 ft	135.2 ft	134.8 ft	150.6 ft	150.6 ft	166.0 ft	166.0 ft	181.4 ft	181.4 ft	189.3 ft	197.0 ft	
	1,000 lb																		
10	240.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	229.7	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	207.1	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	186.7	166.0	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	174.4	160.5	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-	-	
19	143.3	140.3	121.2	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-	-	
23	106.6	105.5	101.3	96.7	48.5	72.7	48.4	48.5	-	-	-	-	-	-	-	-	-	-	
26	82.8	81.9	77.9	76.6	48.5	70.9	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-	-	
29	66.8	65.7	62.0	60.9	48.5	59.6	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-	-	
33	50.8	50.0	46.5	45.6	48.2	44.7	40.0	48.2	45.8	33.9	36.5	21.8	29.7	16.9	-	-	-	-	
39	-	35.3	32.1	31.3	38.7	30.4	39.2	39.9	39.4	33.1	34.3	21.8	28.5	16.9	21.8	16.9	-	-	
46	-	24.5	21.3	20.2	27.9	19.3	30.7	29.2	28.8	29.2	26.8	21.8	26.4	16.9	21.8	16.9	19.3	16.9	
52	-	-	14.8	13.5	21.4	12.8	24.5	23.0	22.3	24.2	22.5	21.8	22.1	16.9	21.2	16.7	17.5	16.7	
59	-	-	9.3	8.1	15.4	7.5	18.7	17.0	16.5	18.7	16.5	19.4	16.5	16.9	16.5	15.2	15.8	15.8	
65	-	-	-	4.9	12.0	3.9	14.9	13.1	12.7	14.7	12.7	15.6	12.9	15.3	12.9	14.2	12.2	12.2	
72	-	-	-	1.8	8.4	-	11.5	9.7	9.3	11.3	9.3	11.9	9.3	11.9	9.5	11.3	9.1	9.1	
79	-	-	-	-	-	-	8.9	7.1	6.7	8.7	6.7	9.3	6.7	9.3	6.9	8.3	6.5	6.7	
85	-	-	-	-	-	-	6.9	5.3	4.7	6.7	4.9	7.3	4.9	7.3	5.1	6.6	4.7	4.9	
92	-	-	-	-	-	-	5.2	3.5	3.0	4.8	3.0	5.4	3.0	5.4	3.2	4.8	2.8	3.0	
98	-	-	-	-	-	-	-	2.2	1.8	3.4	1.8	4.2	1.8	4.2	2.0	3.4	1.6	2.0	
105	-	-	-	-	-	-	-	-	-	2.2	-	2.8	-	2.8	-	2.2	-	-	
111	-	-	-	-	-	-	-	-	-	-	-	2.0	-	1.8	-	-	-	-	

Boom extension sequence %

Tele 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100
Tele 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100
Tele 3	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 4	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 5	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100

Lifting capacities main boom in 1,000 lb

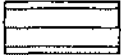
13,200 lb  25'1" x 24'7" 360° 85%

		Length of main boom (ft)																
Radius	42.3 ft	57.7 ft	73.2 ft	88.6 ft	88.6 ft	104.0 ft	104.7 ft	119.4 ft	135.2 ft	134.8 ft	150.6 ft	150.6 ft	166.0 ft	166.0 ft	181.4 ft	181.4 ft	189.3 ft	197.0 ft
ft	1,000 lb																	
10	240.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	229.1	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	206.2	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	185.2	166.0	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-	-
16	171.5	160.5	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-	-
19	140.3	138.0	121.2	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-	-
23	99.8	98.7	94.3	93.0	48.5	72.7	48.4	48.5	-	-	-	-	-	-	-	-	-	-
26	77.4	76.5	72.5	71.4	48.5	69.0	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-	-
29	61.5	60.8	56.8	55.7	48.5	54.7	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-	-
33	46.5	45.6	42.3	41.2	48.0	40.5	43.0	48.1	45.7	33.9	36.5	21.8	29.7	16.9	-	-	-	-
39	-	32.1	29.0	27.7	35.3	27.0	38.4	37.0	36.3	33.1	34.3	21.8	28.5	16.9	21.8	16.9	-	-
46	-	21.5	18.2	16.9	25.0	16.2	28.1	26.6	26.1	28.1	26.1	21.8	25.7	16.9	21.7	16.9	19.3	16.9
52	-	-	12.1	10.8	18.8	10.2	22.1	20.3	19.7	21.9	19.9	21.8	19.6	16.9	18.9	16.7	17.5	16.7
59	-	-	7.0	5.7	13.2	5.1	16.5	14.8	14.1	16.3	14.3	17.2	14.3	16.9	13.9	15.2	13.0	13.2
65	-	-	-	2.7	10.0	2.0	12.9	11.1	10.7	12.7	10.7	13.6	10.7	13.5	10.6	12.4	10.0	10.2
72	-	-	-	-	6.9	-	9.7	8.0	7.5	9.5	7.5	10.2	7.5	10.2	7.7	9.3	7.1	7.1
79	-	-	-	-	-	-	7.1	5.6	4.9	6.9	5.0	7.6	5.2	7.6	5.2	6.9	4.7	4.7
85	-	-	-	-	-	-	5.3	4.0	3.1	5.1	3.3	5.8	3.3	5.8	3.6	5.1	3.1	3.1
92	-	-	-	-	-	-	3.9	2.1	1.7	3.5	1.7	4.3	1.7	4.3	1.9	3.2	1.7	1.7
98	-	-	-	-	-	-	-	-	-	2.2	-	2.9	-	2.9	-	2.2	-	-
105	-	-	-	-	-	-	-	-	-	-	-	1.7	-	1.7	-	-	-	-

Boom extension sequence %

Tele 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100
Tele 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100
Tele 3	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 4	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 5	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100

Lifting capacities main boom in 1,000 lb

0 lb   25'1" x 24'7" 360° 85%

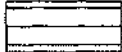
Radius ft	Main boom (ft)				
	42.3 ft	57.7 ft	73.2 ft	88.6 ft	88.6 ft
	1,000 lb				
10	218.6	-	-	-	-
11	207.0	154.3	-	-	-
13	186.0	154.3	110.2	-	-
15	157.7	150.4	110.2	88.1	44.0
16	146.2	143.4	110.2	88.1	44.0
19	104.2	103.3	93.6	88.0	44.0
23	65.5	64.6	60.6	59.5	44.0
26	48.7	47.9	44.5	43.6	44.0
29	37.9	37.0	34.1	33.0	39.6
33	27.9	27.0	23.9	23.0	30.5
39	-	17.5	14.8	14.0	20.6
46	-	10.7	8.3	7.4	13.6
52	-	-	4.0	3.2	9.7
59	-	-	-	-	6.4
65	-	-	-	-	3.9

Boom extension sequence %

Tela 1	0	0	50	75	30
Tela 2	0	50	50	75	30
Tela 3	0	0	0	0	30
Tela 4	0	0	0	0	30
Tela 5	0	0	0	0	30

Lifting capacities main boom in 1,000 lb

Special boom extension sequence

17,600 lb   25'1" x 24'7" 360° 85%

Radius ft	Main boom (ft)						
	73.2 ft	88.6 ft	104.4 ft	119.8 ft	135.2 ft	150.6 ft	168.0 ft
	1,000 lb						
13	48.5	-	-	-	-	-	-
15	48.5	48.5	-	-	-	-	-
16	48.5	48.5	43.6	-	-	-	-
19	48.5	48.5	43.6	26.6	-	-	-
23	47.5	48.5	43.6	26.6	16.9	-	-
26	44.7	48.5	41.6	26.6	16.9	16.9	-
29	42.1	47.0	38.4	26.6	16.9	16.9	-
33	39.1	42.5	34.2	26.6	16.9	16.9	16.9
39	35.0	36.7	29.4	26.4	16.9	16.9	16.9
46	31.4	31.6	25.1	22.6	16.9	16.9	16.9
52	25.0	26.2	22.2	20.0	16.9	16.9	16.9
59	19.4	20.7	20.0	17.4	16.9	16.9	15.8
65	-	16.9	17.6	16.0	15.3	15.3	14.6
72	-	13.3	14.2	14.3	13.9	13.9	13.0
79	-	-	11.5	12.0	12.4	11.3	10.2
85	-	-	9.5	10.0	10.6	9.3	8.2
92	-	-	7.6	8.1	8.7	7.4	6.5
98	-	-	-	6.9	7.3	6.2	5.1
105	-	-	-	5.5	6.1	4.8	3.9
111	-	-	-	-	4.9	3.6	2.7
118	-	-	-	-	3.9	2.6	1.7
124	-	-	-	-	-	2.0	-

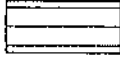
Boom extension sequence %

Tele 1	0	0	0	0	0	0	0
Tele 2	0	0	0	0	0	50	100
Tele 3	33	50	67	83	100	100	100
Tele 4	33	50	67	83	100	100	100
Tele 5	33	50	67	83	100	100	100

Lifting capacities main boom in 1,000 lb

Special boom extension sequence

13,200 lb



25'1" x 24'7" 360°

85%

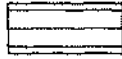
Radius ft	Main boom (ft)					
	73.2 ft	88.6 ft	104.4 ft	119.8 ft	135.2 ft	150.6 ft
	1,000 lb					
13	48.5	-	-	-	-	-
15	48.5	48.5	-	-	-	-
16	48.5	48.5	43.6	-	-	-
19	48.5	48.5	43.6	26.8	-	-
23	47.5	48.5	43.6	26.8	16.9	-
26	44.7	48.5	41.6	26.8	16.9	16.9
29	42.1	47.0	38.4	26.6	16.9	16.9
33	39.1	42.5	34.2	26.6	16.9	16.9
39	35.0	36.7	29.4	26.4	16.9	16.9
46	28.8	29.9	25.1	22.6	16.9	16.9
52	22.5	23.8	22.2	20.0	16.9	16.9
59	17.0	18.5	19.2	17.4	16.9	16.9
65	-	14.9	15.7	16.0	15.3	14.4
72	-	11.7	12.4	13.0	13.7	11.3
79	-	-	9.8	10.2	11.1	9.8
85	-	-	8.0	8.4	9.3	8.0
92	-	-	6.5	7.0	7.4	6.3
98	-	-	-	5.6	6.2	4.9
105	-	-	-	4.4	4.8	3.5
111	-	-	-	-	4.0	2.7
118	-	-	-	-	2.8	-

Boom extension sequence %

Tela 1	0	0	0	0	0	0	0
Tela 2	0	0	0	0	0	50	100
Tela 3	33	50	67	83	100	100	100
Tela 4	33	50	67	83	100	100	100
Tela 5	33	50	67	83	100	100	100

Lifting capacities main boom in 1,000 lb

66,100 lb



25'1" x 17'9"

360°

85%

Radius ft	Main boom (ft)																	
	42.3 R	57.7 R	73.2 R	88.6 R	88.6 R	104.0 R	104.7 R	119.4 R	135.2 R	134.8 R	150.6 R	150.6 R	166.0 R	166.0 R	181.4 R	181.4 R	189.3 R	197.0 R
	1,000 lb																	
10	235.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	221.6	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	197.2	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	177.6	166.0	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-	-
16	169.0	160.5	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-	-
19	145.1	142.7	121.2	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-	-
23	103.8	102.9	99.6	86.8	48.5	72.7	48.4	48.5	-	-	-	-	-	-	-	-	-	-
26	83.6	82.5	79.6	78.6	48.5	70.9	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-	-
29	69.2	68.3	65.6	64.7	48.5	63.3	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-	-
33	55.3	54.6	52.0	51.1	48.3	50.5	43.0	48.3	45.9	33.9	36.5	21.8	29.7	16.9	-	-	-	-
39	-	41.1	38.7	37.8	43.3	37.4	39.2	44.5	41.7	33.1	34.3	21.8	28.5	19.9	21.8	16.9	-	-
46	-	30.7	28.3	27.4	33.2	27.0	35.4	34.3	33.8	29.2	31.2	21.8	26.4	16.9	21.8	16.9	19.3	16.9
52	-	-	22.3	21.6	26.9	21.2	29.3	28.0	27.6	26.4	27.4	21.8	24.6	16.9	21.2	16.7	17.5	16.7
59	-	-	17.0	16.3	21.4	15.9	23.6	22.5	22.0	23.6	22.0	19.8	22.0	16.9	19.4	15.2	16.3	16.0
65	-	-	-	12.9	17.9	12.4	19.9	19.0	18.6	19.9	18.6	18.0	18.8	18.9	18.0	14.2	15.1	15.0
72	-	-	-	9.7	14.6	9.1	16.6	15.5	15.0	16.6	15.0	16.5	15.0	15.4	15.2	12.8	14.1	14.1
79	-	-	-	-	-	6.0	14.0	12.7	12.4	14.0	12.4	14.4	12.4	14.0	12.7	11.8	12.4	12.7
85	-	-	-	-	-	4.0	12.2	10.8	10.4	12.0	10.4	12.4	10.4	12.4	10.6	10.6	10.4	10.6
92	-	-	-	-	-	1.9	10.3	9.2	8.7	10.1	8.7	10.5	8.7	10.5	9.0	9.8	8.7	9.0
98	-	-	-	-	-	-	-	7.8	7.3	8.4	7.3	9.3	7.3	9.3	7.5	8.4	7.3	7.5
105	-	-	-	-	-	-	-	6.3	5.7	7.2	5.7	7.7	5.7	7.7	6.1	7.2	5.5	6.1
111	-	-	-	-	-	-	-	-	4.7	6.4	4.7	6.9	4.7	6.9	4.7	6.2	4.5	4.7
118	-	-	-	-	-	-	-	-	3.3	5.0	3.3	5.5	3.3	5.5	3.3	4.8	3.1	3.3
124	-	-	-	-	-	-	-	-	-	-	2.5	4.7	2.3	4.7	2.5	3.6	2.2	2.5
131	-	-	-	-	-	-	-	-	-	-	1.5	3.5	1.5	3.5	1.5	2.8	-	1.5
138	-	-	-	-	-	-	-	-	-	-	-	2.8	-	2.6	-	1.9	-	-

Boom extension sequence %

Tele 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100
Tele 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100
Tele 3	0	0	0	0	30	0	54	54	60	73	70	90	80	100	80	100	92	100
Tele 4	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100
Tele 5	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100

Lifting capacities main boom in 1,000 lb

44,100 lb



25'1" x 17'9" 360°

85%

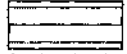
		Main boom (ft)																	
Radius	ft	42.3 ft	57.7 ft	73.2 ft	88.6 ft	88.6 ft	104.0 ft	104.7 ft	119.4 ft	135.2 ft	134.8 ft	150.6 ft	150.6 ft	166.0 ft	166.0 ft	181.4 ft	181.4 ft	189.3 ft	197.0 ft
		1,000 lb																	
10	230.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	216.4	169.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	192.6	169.7	121.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	172.9	165.9	121.2	97.0	48.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	163.1	160.3	121.2	97.0	48.5	72.7	48.5	-	-	-	-	-	-	-	-	-	-	-	-
19	119.5	118.6	108.0	97.0	48.5	72.7	48.5	48.5	-	-	-	-	-	-	-	-	-	-	-
23	80.5	79.6	76.1	75.2	48.5	72.5	48.4	48.5	-	-	-	-	-	-	-	-	-	-	-
26	64.3	63.5	60.3	59.5	48.5	58.6	47.8	48.5	48.5	33.9	-	-	-	-	-	-	-	-	-
29	52.8	51.9	49.0	48.2	48.5	47.7	45.8	48.5	48.5	33.9	38.1	21.8	-	-	-	-	-	-	-
33	41.5	40.8	38.2	37.5	43.9	36.9	42.9	45.4	44.8	33.9	36.4	21.8	29.7	16.9	-	-	-	-	-
39	-	29.9	27.5	26.8	32.8	26.4	35.0	34.2	33.7	33.1	33.2	21.8	28.5	16.9	21.8	16.9	-	-	-
46	-	21.7	19.5	18.6	24.1	18.2	26.6	25.5	24.8	26.6	25.0	21.8	25.0	16.9	21.8	16.9	19.3	16.9	-
52	-	-	14.7	14.0	19.3	13.4	21.5	20.2	20.0	21.5	20.0	21.8	20.0	16.9	19.9	16.7	17.5	16.7	-
59	-	-	10.3	9.7	14.8	9.0	17.0	16.1	15.4	17.0	15.4	17.4	15.4	16.9	15.9	15.2	15.4	15.8	-
65	-	-	-	6.7	12.1	5.8	14.1	13.0	12.6	14.1	12.6	14.6	12.6	14.5	12.8	14.0	12.6	12.8	-
72	-	-	-	3.3	9.5	2.7	11.5	10.2	9.9	11.3	9.9	11.9	9.9	11.9	10.2	11.3	9.9	10.2	-
79	-	-	-	-	-	-	9.4	8.0	7.6	9.1	7.6	9.6	7.8	9.6	7.8	9.1	7.6	7.8	-
85	-	-	-	-	-	-	7.7	6.6	6.2	7.5	6.2	8.0	6.2	8.0	6.4	7.5	6.2	6.4	-
92	-	-	-	-	-	-	6.3	4.8	4.3	6.1	4.3	6.5	4.3	6.5	4.5	6.1	4.3	4.5	-
98	-	-	-	-	-	-	-	3.4	2.9	4.7	2.9	5.3	2.9	5.3	3.1	4.7	2.9	3.1	-
105	-	-	-	-	-	-	-	2.2	1.7	3.3	1.7	4.1	1.7	4.1	1.9	3.0	1.5	1.9	-
111	-	-	-	-	-	-	-	-	-	2.4	-	2.9	-	2.9	-	2.2	-	-	-
118	-	-	-	-	-	-	-	-	-	1.5	-	1.9	-	1.9	-	-	-	-	-

Boom extension sequence %

	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100	100
Tele 1	0	0	50	75	30	100	20	44	60	40	70	40	80	50	90	50	100	100	100
Tele 2	0	50	50	75	30	100	20	44	60	40	70	40	80	50	90	100	100	100	100
Tele 3	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100	100
Tele 4	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100	100
Tele 5	0	0	0	0	30	0	54	54	60	73	70	90	80	100	90	100	92	100	100

Lifting capacities main boom in 1,000 lb

Special boom extension sequence

17,600 lb   25'1" x 17'9" 360° 85%

Radius ft	Main boom (ft)						
	73.2 ft	88.6 ft	104.4 ft	119.8 ft	135.2 ft	150.6 ft	166.0 ft
	1,000 lb						
13	48.5	-	-	-	-	-	-
15	48.5	48.5	-	-	-	-	-
16	48.5	48.5	43.6	-	-	-	-
19	48.5	48.5	43.6	26.6	-	-	-
23	47.5	48.5	43.6	26.6	16.9	-	-
26	44.7	48.5	41.6	26.6	16.9	16.9	-
29	39.3	41.1	38.4	26.6	16.9	16.9	-
33	31.4	32.8	33.6	26.6	16.9	16.9	16.9
39	23.2	24.5	25.2	25.2	16.9	16.9	16.9
46	16.9	17.8	18.6	19.1	16.9	16.9	16.9
52	13.1	14.1	14.8	15.3	15.5	14.7	14.1
59	9.9	10.8	11.7	11.9	12.5	11.7	10.6
65	-	8.6	9.4	9.9	10.3	9.4	8.5
72	-	6.8	7.3	7.7	8.2	7.3	6.6
79	-	-	5.6	6.3	6.7	5.6	4.7
85	-	-	4.6	5.1	5.3	4.4	3.3
92	-	-	3.2	3.5	4.3	3.0	-
98	-	-	-	2.7	3.1	-	-

Boom extension sequence %

Tele 1	0	0	0	0	0	0	0
Tele 2	0	0	0	0	0	50	100
Tele 3	33	50	67	83	100	100	100
Tele 4	33	50	67	83	100	100	100
Tele 5	33	50	67	83	100	100	100

Lifting capacities main boom in 1,000 lb

Special boom extension sequence

13,200 lb



25'1" x 17'9" 360°

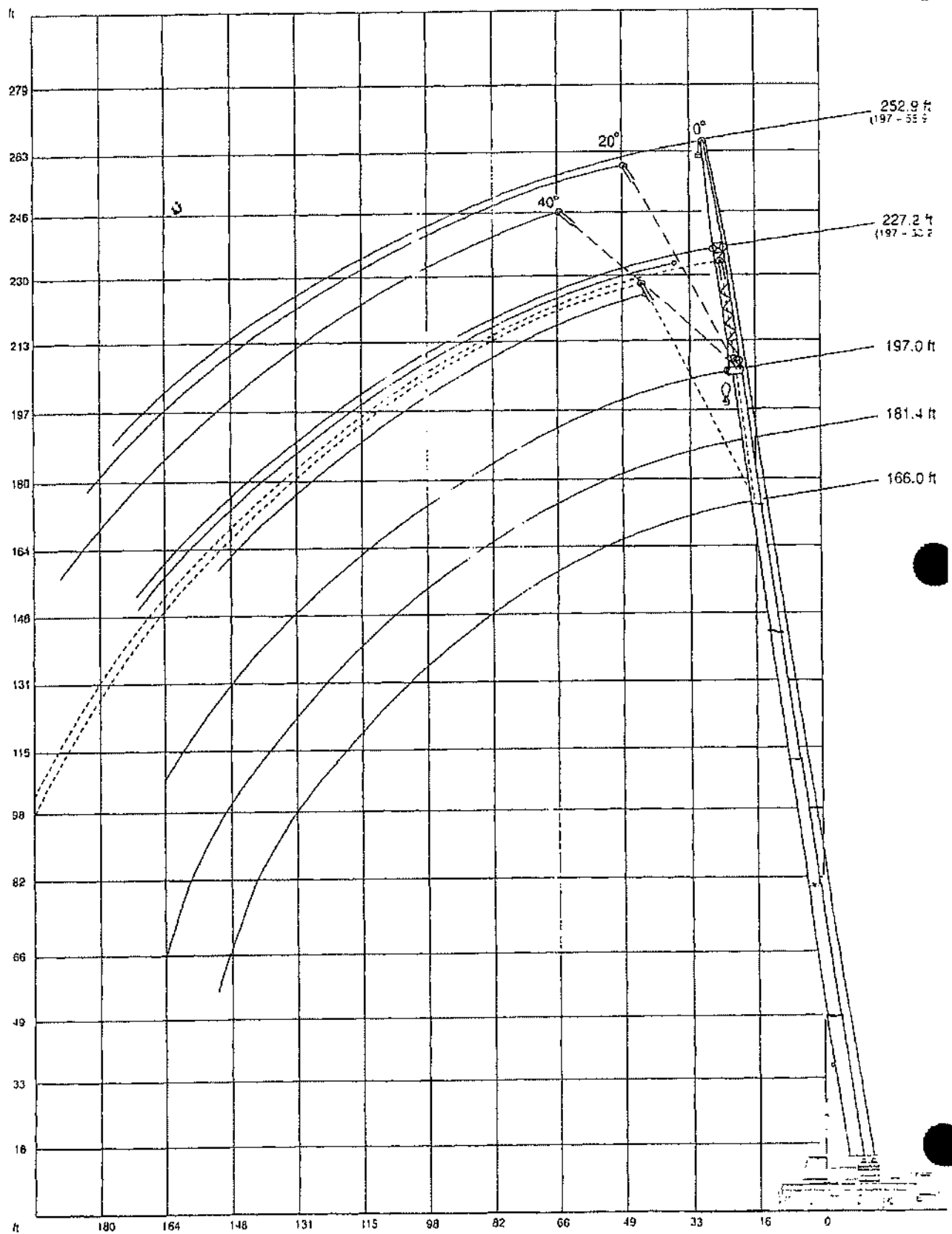
85%

Radius ft	Main boom (ft)						
	73.2 ft	88.6 ft	104.4 ft	119.8 ft	135.2 ft	150.6 ft	166.0 ft
	1,000 lb						
13	48.5	-	-	-	-	-	-
15	48.5	48.5	-	-	-	-	-
16	48.5	48.5	43.6	-	-	-	-
19	48.5	48.5	43.6	26.6	-	-	-
23	47.5	48.4	43.6	26.6	16.9	-	-
26	43.9	45.4	41.6	26.6	16.9	16.9	-
29	36.4	37.9	37.9	26.6	16.9	16.9	-
33	28.6	30.1	30.8	26.5	16.9	16.9	16.9
39	21.1	22.1	22.9	23.1	16.9	16.9	16.9
46	15.1	15.2	16.9	17.3	16.9	16.9	16.0
52	11.7	12.6	13.3	13.9	14.3	13.3	12.4
59	8.4	9.5	10.1	10.6	11.2	10.1	9.5
65	-	7.4	8.1	8.5	9.2	8.1	7.4
72	-	5.5	6.4	6.8	7.3	6.4	5.3
79	-	-	4.7	5.2	5.6	4.5	3.4
85	-	-	3.3	4.0	4.6	3.3	-
92	-	-	2.4	2.6	3.2	-	-

Boom extension sequence %

Tele 1	0	0	0	0	0	0	0
Tele 2	0	0	0	0	0	50	100
Tele 3	33	50	67	83	100	100	100
Tele 4	33	50	67	83	100	100	100
Tele 5	33	50	67	83	100	100	100

Working range main boom extension



Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

66,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	14.5	-	-	-	-	-
52	14.5	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	13.3	12.1	9.9	7.2	5.7	-
72	12.7	11.9	9.9	7.2	5.7	-
79	12.1	11.6	9.6	7.0	5.7	5.2
85	11.7	11.4	9.4	6.8	5.5	5.2
92	10.7	10.7	9.2	6.8	5.2	5.0
98	10.3	10.3	9.2	6.8	5.0	5.0
105	9.9	10.1	9.0	6.3	5.0	4.8
111	9.5	9.7	8.4	6.1	4.8	4.8
118	9.0	9.2	8.1	6.1	4.8	4.8
124	8.2	8.8	7.9	5.7	4.6	4.6
131	7.0	7.7	7.5	5.5	4.6	4.6
138	5.7	6.5	6.8	5.2	4.4	4.6
144	4.8	5.5	-	5.0	4.4	4.4
151	4.1	4.6	-	4.8	4.4	4.4
157	3.1	3.6	-	4.2	4.4	4.4
164	2.2	2.6	-	3.3	4.1	4.4
170	1.6	2.0	-	2.7	3.3	-
177	-	-	-	2.0	2.6	-
184	-	-	-	1.5	1.9	-

Main boom: 197.0 ft

66,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.7	6.1	6.3	3.5	-	-
79	7.7	6.1	6.3	3.5	2.4	-
85	7.5	6.1	6.3	3.5	2.4	-
92	7.2	6.1	6.3	3.5	2.4	2.4
98	6.8	6.1	6.3	3.5	2.4	2.4
105	6.6	6.1	6.3	3.5	2.4	2.4
111	6.4	6.1	6.3	3.5	2.4	2.4
118	6.1	6.1	6.3	3.5	2.4	2.4
124	5.5	6.1	6.1	3.5	2.4	2.4
131	5.2	6.1	5.5	3.5	2.4	2.4
138	5.0	5.4	5.0	3.5	2.4	2.4
144	4.6	4.8	4.6	3.5	2.4	2.4
151	3.5	4.3	3.9	3.5	2.4	2.4
157	2.9	3.3	-	3.3	2.4	2.4
164	2.2	2.6	-	2.6	2.4	2.4
170	1.6	2.0	-	2.0	2.4	2.4
177	-	-	-	1.5	2.2	2.4
184	-	-	-	-	1.7	-

Main boom: 181.4 ft

66,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	10.3	9.4	9.7	4.8	4.4	-
79	10.1	9.2	9.4	4.8	4.4	-
85	9.7	9.0	9.2	4.8	4.4	4.4
92	9.2	8.8	9.0	4.8	4.4	4.4
98	9.0	8.4	8.8	4.8	4.4	4.4
105	8.3	8.1	8.3	4.6	4.4	4.4
111	7.9	7.7	7.9	4.6	4.4	4.4
118	7.5	7.4	7.7	4.6	4.4	4.4
124	7.2	7.1	7.3	4.6	4.4	4.4
131	6.8	6.8	6.8	4.4	4.4	4.4
138	5.4	6.3	6.3	4.4	4.4	4.4
144	4.6	5.3	5.5	4.4	4.4	4.4
151	3.9	4.3	4.6	4.1	4.1	4.4
157	2.9	3.5	-	3.5	3.9	4.2
164	2.2	2.6	-	2.8	3.9	3.9
170	1.6	2.0	-	2.2	3.1	3.5
177	-	-	-	1.7	2.4	-
184	-	-	-	-	1.9	-

Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

44,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
46	14.5	-	-	-	-	-
52	14.5	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	13.3	12.1	9.9	7.2	5.7	-
72	12.7	11.9	9.9	7.2	5.7	-
79	12.1	11.6	9.6	7.0	5.7	5.2
85	11.7	11.4	9.4	6.8	5.5	5.2
92	10.7	10.7	9.2	6.8	5.2	5.0
98	9.7	10.3	9.2	5.6	5.0	5.0
105	7.9	9.2	9.0	6.3	5.0	4.8
111	6.7	7.6	8.2	6.1	4.8	4.8
118	5.3	6.1	6.8	6.1	4.8	4.8
124	4.3	4.9	5.6	5.1	4.6	4.6
131	3.1	4.0	4.4	4.0	4.6	4.6
138	2.1	2.8	3.0	3.0	4.3	4.6
144	1.5	2.0	-	2.2	3.3	4.4
151	-	-	-	1.5	2.6	3.2
157	-	-	-	-	2.0	2.4
164	-	-	-	-	-	1.7

Main boom: 197.0 ft

44,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.7	6.1	6.3	3.5	-	-
79	7.7	6.1	6.3	3.5	2.4	-
85	7.5	6.1	6.3	3.5	2.4	-
92	7.2	6.1	6.3	3.5	2.4	2.4
98	6.8	6.1	6.3	3.5	2.4	2.4
105	6.6	6.1	6.3	3.5	2.4	2.4
111	6.2	6.1	6.3	3.5	2.4	2.4
118	4.8	5.7	6.3	3.5	2.4	2.4
124	3.6	4.7	5.4	3.5	2.4	2.4
131	2.6	3.5	4.2	3.3	2.4	2.4
138	1.9	2.6	3.0	2.4	2.4	2.4
144	-	1.8	2.2	1.8	2.4	2.4
151	-	-	-	-	2.1	2.4
157	-	-	-	-	1.5	2.2
164	-	-	-	-	-	1.5

Main boom: 181.4 ft

44,100 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	10.3	9.4	9.7	4.8	4.4	-
79	10.1	9.2	9.4	4.8	4.4	-
85	9.7	9.0	9.2	4.8	4.4	4.4
92	9.2	8.8	9.0	4.8	4.4	4.4
98	9.0	8.4	8.8	4.8	4.4	4.4
105	7.7	8.1	8.3	4.6	4.4	4.4
111	6.5	7.5	7.9	4.6	4.4	4.4
118	5.0	6.1	6.8	4.6	4.4	4.4
124	4.0	4.9	5.4	4.6	4.4	4.4
131	2.9	3.5	4.2	3.5	4.4	4.4
138	1.9	2.6	3.0	2.6	4.1	4.4
144	-	2.0	2.2	2.0	3.1	4.2
151	-	-	1.5	-	2.4	3.0
157	-	-	-	-	1.8	2.4
164	-	-	-	-	-	1.5

Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

17,600 lb  25'1"x24'7" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	14.5	-	-	-	-	-
52	14.5	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	13.3	12.1	9.9	7.2	5.7	-
72	10.8	11.9	9.9	7.2	5.7	-
79	8.3	10.0	9.6	7.0	5.7	5.2
85	6.4	8.0	9.2	6.8	5.5	5.2
92	4.5	6.1	7.0	5.4	5.2	5.0
98	3.1	4.5	5.4	4.2	5.0	5.0
105	1.9	2.8	3.9	2.8	4.8	4.8
111	-	1.8	2.5	1.8	3.6	4.8
118	-	-	1.5	-	2.4	3.9
124	-	-	-	-	1.6	2.7
131	-	-	-	-	-	1.7

Main boom: 197.0 ft

17,600 lb  25'1"x24'7" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.7	6.1	6.3	3.5	-	-
79	7.1	6.1	6.3	3.5	2.4	-
85	5.3	6.1	6.3	3.5	2.4	-
92	3.5	5.0	6.3	3.5	2.4	2.4
98	2.2	3.6	4.9	2.7	2.4	2.4
105	-	2.4	3.3	1.5	2.4	2.4
111	-	-	2.2	-	2.4	2.4
118	-	-	-	-	1.7	2.4
124	-	-	-	-	-	2.2
131	-	-	-	-	-	-

Main boom: 181.4 ft

17,600 lb  25'1"x24'7" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	10.1	9.4	9.7	4.8	4.4	-
79	7.6	9.1	9.4	4.8	4.4	-
85	5.8	7.5	8.8	4.8	4.4	4.4
92	4.1	5.4	6.7	4.8	4.4	4.4
98	2.9	4.2	5.1	3.4	4.4	4.4
105	1.7	2.8	3.5	2.2	4.4	4.4
111	-	1.8	2.5	-	3.1	4.4
118	-	-	-	-	2.2	3.5
124	-	-	-	-	-	2.5
131	-	-	-	-	-	1.5

Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

13,200 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	14.5	-	-	-	-	-
52	14.6	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	12.1	12.1	9.9	7.2	5.7	-
72	9.1	11.2	9.9	7.2	5.7	-
79	6.7	8.3	9.6	6.9	5.7	5.2
85	4.9	6.6	7.8	5.5	5.5	5.2
92	3.0	4.5	5.7	4.1	5.2	5.0
98	2.0	3.1	4.2	2.7	5.0	5.0
105	-	1.8	2.6	-	3.5	4.8
111	-	-	-	-	2.5	4.2
118	-	-	-	-	-	2.8
124	-	-	-	-	-	1.8

Main boom: 197.0 ft

13,200 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.5	6.1	6.3	3.5	-	-
79	5.2	6.1	6.3	3.5	2.4	-
85	3.6	5.3	6.3	3.5	2.4	-
92	2.1	3.5	4.8	2.6	2.4	2.4
98	-	2.2	3.4	-	2.4	2.4
105	-	-	2.2	-	2.4	2.4
111	-	-	-	-	-	2.4
118	-	-	-	-	-	2.2
124	-	-	-	-	-	-

Main boom: 181.4 ft

13,200 lb  25'1"x24'7" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	8.2	9.4	9.7	4.8	4.4	-
79	6.1	7.8	9.3	4.8	4.4	-
85	4.4	5.8	7.3	4.8	4.4	4.4
92	2.5	4.1	5.2	3.2	4.4	4.4
98	-	2.7	4.0	2.2	4.4	4.4
105	-	-	2.4	-	3.0	4.4
111	-	-	-	-	2.0	3.6
118	-	-	-	-	-	2.4

Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

66,100 lb  25'1"x17'9" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	14.5	-	-	-	-	-
52	14.5	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	13.3	12.1	9.9	7.2	5.7	-
72	12.7	11.9	9.9	7.2	5.7	-
79	12.1	11.6	9.6	7.0	5.7	5.2
85	11.7	11.4	9.4	6.8	5.5	5.2
92	9.6	10.5	9.2	6.8	5.2	5.0
98	8.2	9.3	9.2	6.6	5.0	5.0
105	7.0	7.7	8.1	6.3	5.0	4.8
111	5.6	6.7	7.1	6.1	4.8	4.8
118	4.4	5.3	5.7	5.3	4.8	4.8
124	3.4	4.3	4.7	4.5	4.6	4.6
131	2.4	3.1	3.5	3.3	4.6	4.6
138	1.7	2.1	2.3	2.4	3.5	4.5
144	-	1.5	-	1.8	2.9	3.5
151	-	-	-	-	1.9	2.6
157	-	-	-	-	-	2.0

Main boom: 197.0 ft

66,100 lb  25'1"x17'9" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.7	6.1	6.3	3.5	-	-
79	7.7	6.1	6.3	3.5	2.4	-
85	7.5	6.1	6.3	3.5	2.4	-
92	7.2	6.1	6.3	3.5	2.4	2.4
98	6.8	6.1	6.3	3.5	2.4	2.4
105	6.6	6.1	6.3	3.5	2.4	2.4
111	5.4	6.1	6.3	3.5	2.4	2.4
118	4.2	5.0	5.7	3.5	2.4	2.4
124	3.2	4.0	4.7	3.5	2.4	2.4
131	2.2	2.9	3.3	2.6	2.4	2.4
138	-	1.9	2.1	1.9	2.4	2.4
144	-	-	1.5	-	2.4	2.4
151	-	-	-	-	1.7	2.4
157	-	-	-	-	-	1.8

Main boom: 181.4 ft

66,100 lb  25'1"x17'9" 360° 85%

Radius ft	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	10.3	9.4	9.7	4.8	4.4	-
79	10.1	9.2	9.4	4.8	4.4	-
85	9.7	9.0	9.2	4.8	4.4	4.4
92	9.2	8.8	9.0	4.8	4.4	4.4
98	8.0	8.4	8.8	4.8	4.4	4.4
105	6.8	7.7	8.1	4.6	4.4	4.4
111	5.6	6.7	7.1	4.6	4.4	4.4
118	4.4	5.3	5.7	4.6	4.4	4.4
124	3.2	4.3	4.7	4.0	4.4	4.4
131	2.2	3.1	3.5	2.9	4.4	4.4
138	1.5	2.1	2.4	2.1	3.5	4.3
144	-	-	1.8	1.5	2.6	3.5
151	-	-	-	-	1.9	2.6
157	-	-	-	-	-	2.0

Lifting capacities main boom extension in 1,000 lb

Main boom: 166.0 ft

44,100 lb  25'1"x17'9" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	14.5	-	-	-	-	-
52	14.5	-	-	7.2	-	-
59	14.1	12.1	9.9	7.2	-	-
65	13.3	12.1	9.9	7.2	5.7	-
72	10.8	11.9	9.9	7.2	5.7	-
79	8.9	10.0	9.6	7.0	5.7	5.2
85	7.3	8.2	9.2	6.8	5.5	5.2
92	5.4	6.8	7.4	6.5	5.2	5.0
98	4.2	5.3	6.2	5.1	5.0	5.0
105	2.8	3.9	4.8	3.9	5.0	4.8
111	2.0	2.7	3.4	2.7	4.6	4.8
118	-	1.7	2.4	1.7	3.3	4.6
124	-	-	-	-	2.5	3.6
131	-	-	-	-	1.5	2.4
138	-	-	-	-	-	1.7

Main boom: 197.0 ft

44,100 lb  25'1"x17'9" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	-	-	-	-	-	-
52	7.7	-	-	-	-	-
59	7.7	-	-	3.5	-	-
65	7.7	-	-	3.5	-	-
72	7.7	6.1	6.3	3.5	-	-
79	7.6	6.1	6.3	3.5	2.4	-
85	6.6	6.1	6.3	3.5	2.4	-
92	5.0	6.1	6.3	3.5	2.4	2.4
98	3.6	4.9	6.1	3.5	2.4	2.4
105	2.4	3.5	4.6	2.8	2.4	2.4
111	1.6	2.5	3.4	1.8	2.4	2.4
118	-	1.5	2.2	-	2.4	2.4
124	-	-	-	-	1.8	2.4
131	-	-	-	-	-	2.2
138	-	-	-	-	-	-

Main boom: 181.4 ft

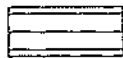
44,100 lb  25'1"x17'9" 360° 85%

Radius	Extension					
	30.2 ft			55.9 ft		
	0°	20°	40°	0°	20°	40°
ft	1,000 lb					
46	11.2	-	-	-	-	-
52	11.2	-	-	4.8	-	-
59	11.2	-	-	4.8	-	-
65	10.8	9.7	9.7	4.8	-	-
72	10.3	9.4	9.7	4.8	4.4	-
79	8.7	9.2	9.4	4.8	4.4	-
85	7.1	8.2	9.2	4.8	4.4	4.4
92	5.4	6.8	7.4	4.8	4.4	4.4
98	4.0	5.3	6.2	4.6	4.4	4.4
105	2.6	3.9	4.6	3.3	4.4	4.4
111	1.8	2.7	3.4	2.4	4.4	4.4
118	-	1.7	2.2	1.5	3.1	4.4
124	-	-	-	-	2.2	3.4
131	-	-	-	-	-	2.4
138	-	-	-	-	-	1.5

Lifting capacities main boom extension in 1,000 lb

Special boom sequence

Main boom: 166.0 ft



25'1" x 24'7" 360°

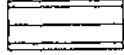
85%

Extension								
Radius	66,100 lb	44,100 lb	17,600 lb	13,200 lb	66,100 lb	44,100 lb	17,600 lb	13,200 lb
0°					20°			
ft	55.9 ft							
52	5.0	5.0	5.0	5.0	-	-	-	-
59	5.0	5.0	5.0	5.0	-	-	-	-
65	4.8	4.8	4.8	4.8	5.2	5.2	5.2	5.2
72	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2
79	4.6	4.6	4.6	4.6	5.0	5.0	5.0	5.0
85	4.4	4.4	4.4	4.4	4.8	4.8	4.8	4.8
92	4.1	4.1	4.1	4.1	4.8	4.8	4.8	4.8
98	4.1	4.1	4.1	4.1	4.8	4.8	4.8	4.8
105	3.9	3.9	3.9	3.3	4.6	4.6	4.6	4.6
111	3.9	3.9	3.3	2.4	4.6	4.6	4.6	4.0
118	3.5	3.5	2.4	-	4.6	4.6	3.9	2.8
124	3.5	3.5	-	-	4.6	4.6	2.9	2.0
131	3.5	3.5	-	-	4.4	4.4	2.2	-
138	3.5	3.5	-	-	4.4	4.4	-	-
144	3.3	3.3	-	-	4.2	4.2	-	-
151	3.3	3.0	-	-	4.1	4.1	-	-
157	3.3	2.4	-	-	3.9	3.3	-	-
164	3.3	1.7	-	-	3.5	2.6	-	-
170	3.3	-	-	-	3.5	2.0	-	-
177	3.0	-	-	-	3.3	-	-	-
184	2.8	-	-	-	3.0	-	-	-
190	2.4	-	-	-	2.6	-	-	-
197	1.9	-	-	-	-	-	-	-

Lifting capacities main boom extension in 1,000 lb

Special boom sequence

Main boom: 166.0 ft



25'1" x 17'9" 360°

85%

Extension								
Radius	66,100 lb	44,100 lb	17,600 lb	13,200 lb	66,100 lb	44,100 lb	17,600 lb	13,200 lb
0°					20°			
ft	55.9 ft							
52	5.0	5.0	-	-	-	-	-	-
59	5.0	5.0	-	-	-	-	-	-
65	4.8	4.8	-	-	5.2	5.2	-	-
72	4.6	4.6	-	-	5.2	5.2	-	-
79	4.6	4.6	-	-	5.0	5.0	-	-
85	4.4	4.4	-	-	4.8	4.8	-	-
92	4.1	4.1	-	-	4.8	4.8	-	-
98	4.1	4.1	-	-	4.8	4.8	-	-
105	3.9	3.9	-	-	4.6	4.6	-	-
111	3.9	3.9	-	-	4.6	4.6	-	-
118	3.5	3.3	-	-	4.6	4.6	-	-
124	3.5	2.5	-	-	4.6	3.6	-	-
131	3.5	1.7	-	-	4.4	2.8	-	-
138	3.5	-	-	-	4.4	2.1	-	-
144	3.1	-	-	-	4.2	-	-	-
151	2.4	-	-	-	3.2	-	-	-
157	2.0	-	-	-	2.6	-	-	-
164	-	-	-	-	2.2	-	-	-

Notes to lifting capacity

Lifting capacities do not exceed 85% of tipping load.

Weight of hook blocks and slings are part of the load, and are to be deducted from the capacity ratings.

Crane operation is permissible up to a

wind speed of 32 ft/s

Consult operation manual for further details on wind speed.

All capacities above the parting line are based on structural strength. Capacities below the parting line are based on machine stability.

Crane operation is subject to computer charts, only!

For crane operations consult operation manual first!

Carrier

Drive/steering	10 x 6 x 8
Frame	Monobox main frame with outrigger boxes integral, of high-strength fine grain structural steel.
Outriggers	Four hydraulically telescoping outrigger beams with hydraulic jack legs.
Engine	Mercedes Benz OM 442 LA water-cooled 8-cylinder engine (EURO I), output to DIN: 370 kW (503 hp) at 2100 rpm, max. torque 2020 Nm at 1100-1600 rpm. Fuel tank capacity: 132 gallons.
Transmission	ZF Transmatik system (14 ranges), transfer case with longitudinal differential lockout control.
Axles	Axle 1: steering; axle 2: with planetary hubs, steering, transverse differential lockout control; axle 3: rigid axle, non-steer; axle 4: with planetary hubs, steering, longitudinal and transverse differential lockout control; axle 5: with planetary hubs, steering, transverse differential lockout control.
Suspension	Hydropneumatic suspension, all axles hydraulically blockable.
Wheels and tires	10 wheels 9.5-25 fitted with 14.00 R 25 tires, on-road tread, tubeless. Single wheels on all axles.
Steering	ZF dual-circuit semiblock mechanical steering with hydraulic booster.
Brakes	Service brake: dual-line air system, acting on all wheels. Parking brake: spring-loaded type. Sustained action brake: constant decompression with butterfly valve, exhaust brake and hydraulic retarder.
Electrical equipment	24 V system
Driver's cab	Rubber-mounted all steel driver's cab with safety glazing, slide-by side windows, controls and instrumentation, driver's and passenger seat, vertically adjustable steering wheel, heated outside mirrors, rotatable warning light.

Superstructure

Engine	Mercedes Benz OM 366 A water-cooled 6-cylinder in-line engine (Euro II), output 112 kW at 2200 rpm, max. torque 540 Nm at 1400 rpm, fuel tank capacity: 53 gallons.
Hydraulic system	one variable displacement axial piston pump and one fixed displacement pump to provide four simultaneous, independent working movements, which are controlled through a compact block.
Hoist	Fixed displacement axial piston hydraulic motor, hoist drum with integral planetary gear reducer and spring-applied holding brake, equipped with ratchet-and-pawl.
Stew unit	Hydraulic motor with planetary gear reducer, pedal-operated brake and spring-applied holding brake.
Boom elevation	One differential cylinder with pilot-controlled lowering brake valve.
Crane cab	Spacious all-steel comfortable cab with sliding door and large hinged windscreen, roof window of armoured glass, full instrumentation and crane controls, working light. Hot water heater operated either self-contained or engine-dependent, with engine preheating and 7-day programmable timer, thermostat-controlled. Window washer and intermittent control type window wiper.
Main boom	Boom base and five telescopic sections, fabricated from fine grain structural steel, telescoping ability with partial load, buckling-resistant Demag ovaloid design.
Counterweight	44,000 lb, self-removable.
Safety devices	Electronic safe load indicator with digital readout for hook load, rated load, boom length, boom angle, load radius, analog display to indicate the capacity utilization, limit switches on hoist and lowering motions, pressure-relief and safety holding valves.
Hydraulic servo control	Hydraulic pilot control through self-centering control levers.

Optional equipment

Drive/steering	10 x 8 x 8
Wheels and tires	16.00 R 25 on 11.25-25 rims; 20.5 R 25 on 17.00-25 rims.
Tow coupling	D-value 26,400 lb, air-brake connection.
Hoist II	Fixed displacement axial piston hydraulic motor, hoist drum with integral planetary gear reducer and spring-applied holding brake, equipped with ratchet-and-pawl. The use of hoist II avoids re-reeving the hoist line when using the optional jib.
Main boom extension	Side-folding 1 or 2-part jib, 30.2 ft or 55.9 ft. 0, 20 and 40 degree offset.
Additional counterweight	22,000 lb, integrates into standard counterweight, installed hydraulically by the crane itself.
Heavy-lift attachment	Additional sheaves on boom head for duties over 96 tons.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/21/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Cross Insurance 491 Main Street P.O. Box 1388 Bangor ME 04401		CONTACT NAME: Woodrow Cross, II PHONE (A/C, No., Ext.): (207) 947-7345 E-MAIL ADDRESS: w2cross@crossagency.com FAX (A/C, No.):	
INSURED Cianbro/Middlesex XV, A Joint Venture c/o The Cianbro Companies PO Box 1000 Pittsfield ME 04967		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Co NAIC # 25658 INSURER B: Travelers Casualty & Surety Co. 19038 INSURER C: National Union Fire Insurance Co. INSURER D: Continental Casualty Company INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: CL1772117001

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	SUBROGATION WAIVED	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY ☒ PROJECT ☐ LOC OTHER:	X		VTRK-CO-4E995366-IND-17	7/21/2017	1/20/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COM/PROP AGG \$ 4,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS ☒ HIRED AUTOS ☒ SCHEDULED AUTOS NON-OWNED AUTOS			VTK-CAP-4E995330-IND-17	7/21/2017	1/20/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	☒ UMBRELLA LIAB ☒ EXCESS LIAB DED ☒ RETENTION \$ 10,000 CLAIMS-MADE			BB25904190	8/1/2017	1/20/2021	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	VTA-UB-4E995378-17	7/21/2017	1/20/2021	☒ PER STATUTE ☐ OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Protection & Indemnity			H 877191	8/1/2017	10/15/2018	Limit \$300,000
A	Owner's, Contractor's, Prot			DT-PRS-4G438079-IND-17	8/1/2017	2/1/2021	Each Occ: \$5,000,000 Agg: \$10M

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The City of Norwalk is included as an additional insured for general liability as respects to the work of the named insured.

CERTIFICATE HOLDER

City of Norwalk
Department of Public Works
PO Box 5125
125 East Avenue
Norwalk, CT 06856-5125

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Woodrow Cross, II/WC1

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BLANKET of SURETY BOND

BOND NO.: NO.: 012026624

Liberty Mutual Insurance Company
20 Riverside Road, Mail Stop 03AN
Weston, MA 02493

KNOW ALL MEN BY THESE PRESENTS, That we, Cianbro/Middlesex XV, A Joint Venture, of Pittsfield, ME, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts, having its principal office in the City of Weston, MA, as Surety, are held and firmly bound unto THE CITY OF NORWALK in the sum of *Fifty Thousand Dollars and 00/100ths* (\$50,000.00), Lawful money of the United States for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

(The following paragraph is necessary to be inserted in Bond)

Whereas, the above bounden Principal has been granted a permit or permits by the Director of Public Works during the period described below
Relating to highway openings, or encroachments; Conditioned as set forth in
Section 96 of the Norwalk Code.

**Encroachment Permit with Concurrent Road Closures, Ann Street – Metro North Bridge Roadway
and Sidewalks Under Metro Bridge, Norwalk, Connecticut**

Now, Therefore, the Condition of this Obligation Is Such, that if the above Principal shall indemnify and save harmless the CITY OF NORWALK against loss to which the CITY OF NORWALK may be subject by reason said Principal's breach of any ordinance, rule or regulation relating to the above described license or permit, then this obligation shall be null and void, otherwise to remain in full force and effect.

The term of this bond is for a period beginning on the 18th day of December,
2017 and ending on the 18th day of December, 2019.

Signed, sealed and dated this 18th day of December,
2017.

Cianbro/Middlesex XV, A Joint Venture

Frank J. Suro
PRINCIPAL

Jim Hardy
WITNESS

Liberty Mutual Insurance Company
INSURANCE CO.

Rae F. Hughes
Rae F. Hughes ATTORNEY IN FACT

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 744450

American Fire and Casualty Company
The Ohio Casualty Insurance Company

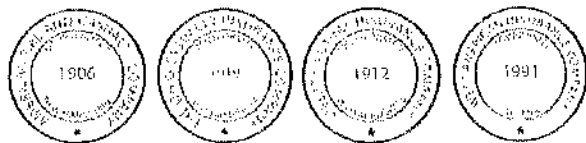
Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Blair E. Torelli; Christine E. Watson; Deron K. Treadwell; Michael A. Viner; Michelle V. Orlando; Rag F. Hughes; Terry L. Lister

all of the city of Lewiston, state of ME each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 11th day of August, 2016



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 11th day of August, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS - Section 12 Power of Attorney Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

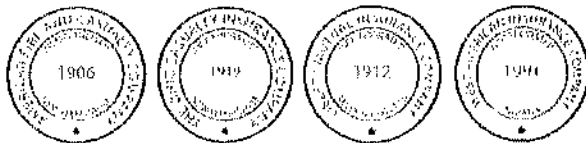
ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, whenever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 18th day of December, 20 17



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

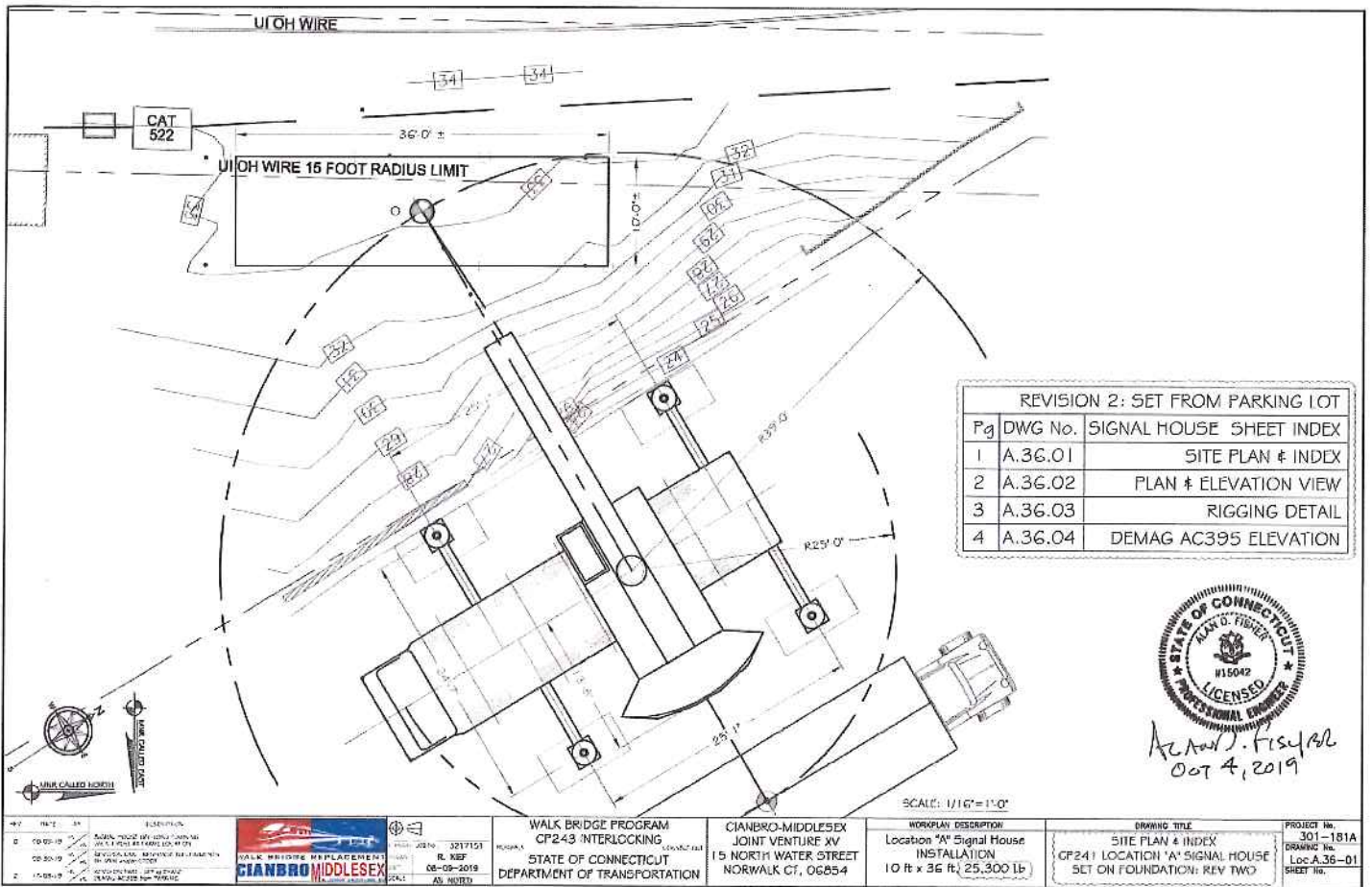
For Attachment to Blanket or Surety Bond No. 012026624

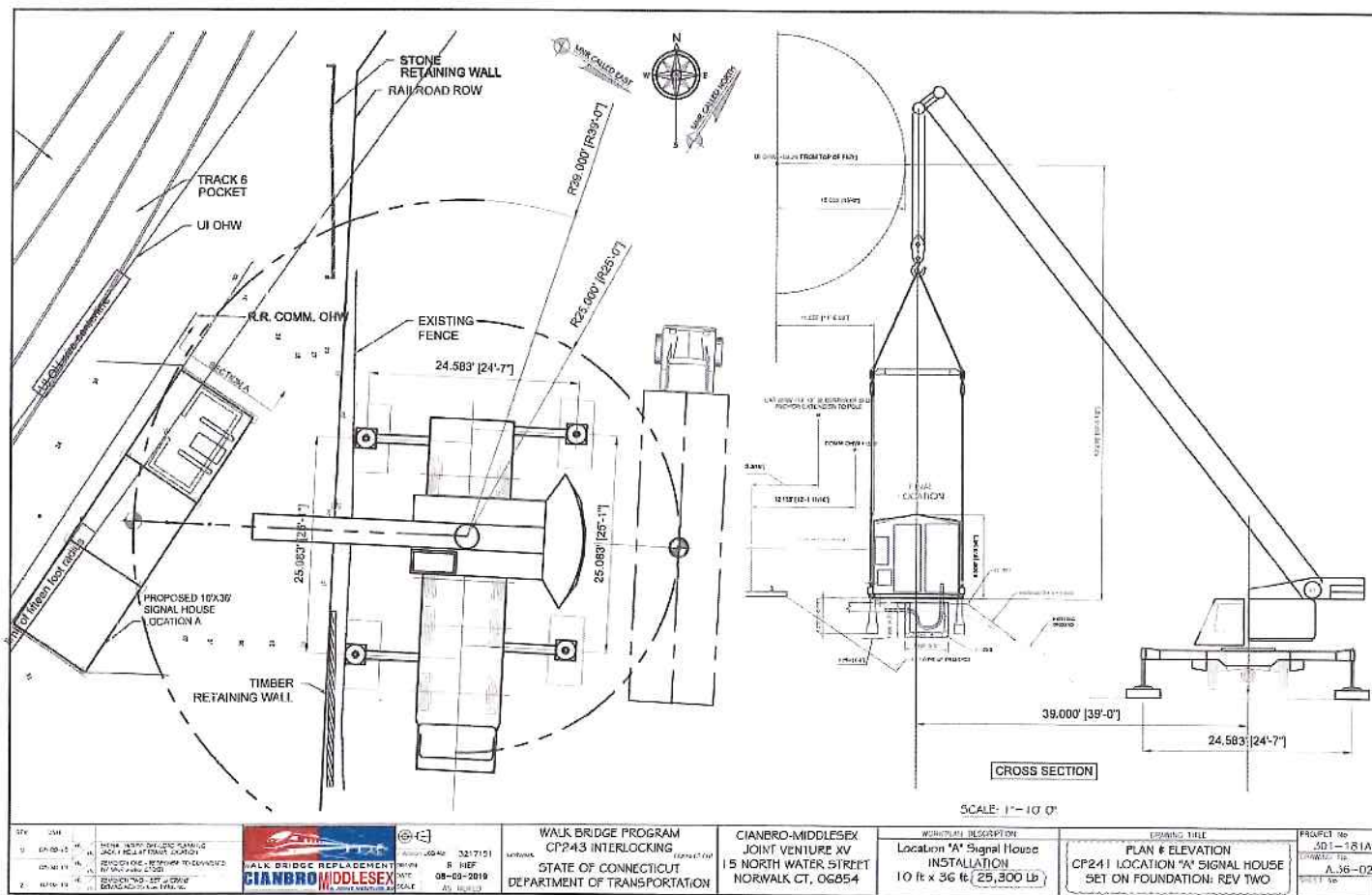
Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

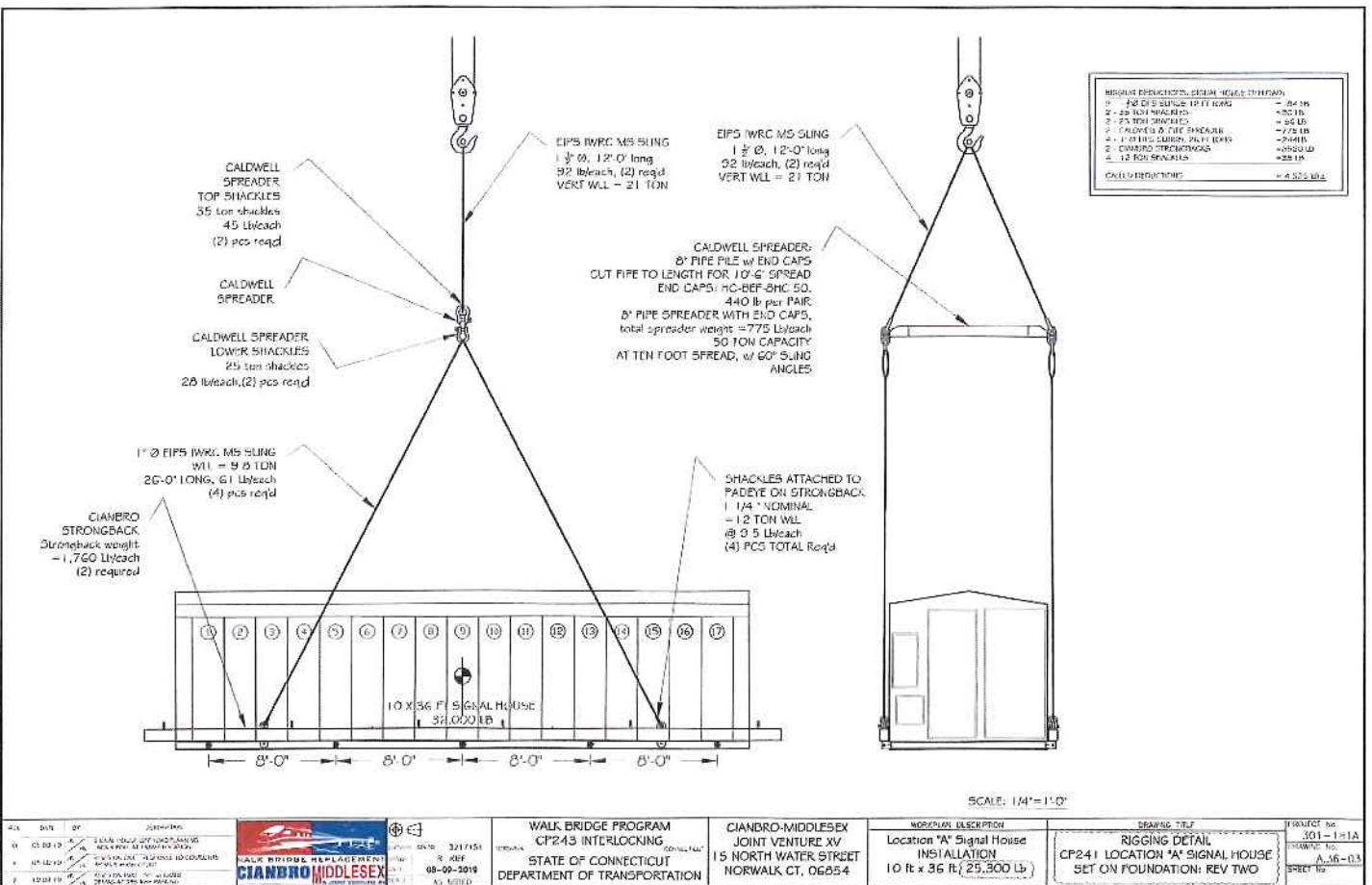
To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

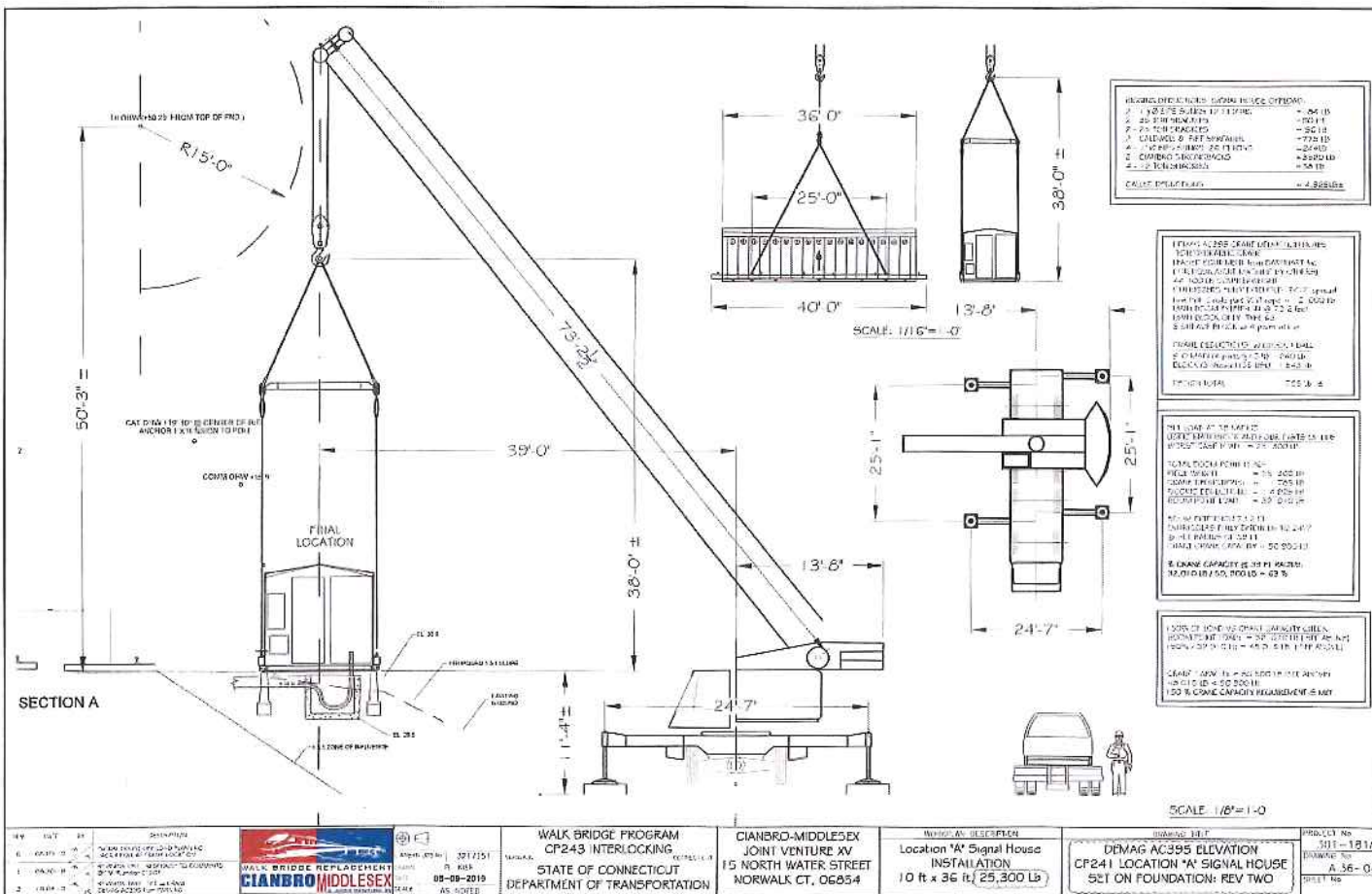
NORWALK PD PARKING SPACES TO BE OPEN

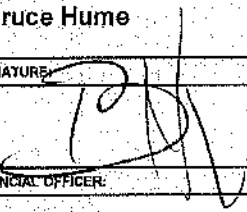
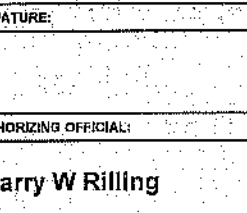
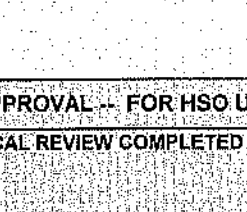










	FY 2020 HIGHWAY SAFETY PROJECT APPLICATION		CT-DOT/HSO	
	CT DEPARTMENT OF TRANSPORTATION		FORM	DUI GRANT
	SHADED AREA FOR HSO USE ONLY		CFDA #	
	PROJECT NO: _____ PROGRAM AREA: _____ PROGRAM AREA DESCRIPTION: _____		HSO Stamp	
REVISION: _____ September 25, 2019				
EXPIRES: _____ September 30, 2020				
ACCEPTANCE -- IT IS UNDERSTOOD AND AGREED BY THE UNDERSIGNED THAT FUNDS RECEIVED AS A RESULT OF THIS APPLICATION IS SUBJECT TO THE REGULATIONS GOVERNING HIGHWAY SAFETY PROJECTS. THIS AGREEMENT MAY BE TERMINATED BY EITHER PARTY IN ACCORDANCE WITH TRANSPORTATION SAFETY SECTION POLICY. COPY OF POLICY OBTAINED UPON REQUEST.				
PROJECT TITLE: FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department				
GOVERNMENTAL UNIT: City of Norwalk			ADDRESS OF GOVERNMENTAL UNIT: 125 East Avenue Norwalk, CT	
APPLICANT: Norwalk CT Police Department			ADDRESS OF APPLICANT: 1 Monroe Street S Norwalk, CT 06854	
FEIN: 06-6011881	DUNS NUMBER: 22716620	ANTICIPATED PROJECT STARTUP DATE: November 1, 2019		
APPROVED PROJECT PERIOD: (mm/dd/yyyy) FOR HSO USE ONLY				
FROM:		THROUGH:	September 12, 2020	
PROJECT DIRECTOR: Bruce Hume		TITLE: Lt	TELEPHONE NUMBER: 203-854-3007	
SIGNATURE: 		ADDRESS & ZIP CODE: 1 Monroe Street S Norwalk, CT 06854	FAX NUMBER: E-MAIL ADDRESS: bhume@norwalkct.org	
FINANCIAL OFFICER: Chitsamay Lam		TITLE: Comptroller	TELEPHONE NUMBER: 203-854-7715	
SIGNATURE: 		ADDRESS & ZIP CODE: 125 East Avenue Norwalk, CT 06851	FAX NUMBER: E-MAIL ADDRESS: clam@norwalkct.org	
AUTHORIZING OFFICIAL: Harry W Rilling		TITLE: Mayor	TELEPHONE NUMBER: 203-854-7701	
SIGNATURE: 		ADDRESS & ZIP CODE: 125 East Avenue Norwalk, CT 06851	FAX NUMBER: E-MAIL ADDRESS: hrilling@norwalkct.org	
APPROVAL -- FOR HSO USE ONLY				
FISCAL REVIEW COMPLETED BY: Christine Biske		PROJECT MANAGER REVIEW COMPLETED BY: Eugene Interlandi		DATE:
DATE:		PROGRAM COORDINATOR REVIEW COMPLETED BY: Joseph T. Cristalli, Jr.		DATE:
REQUESTED AMOUNT	\$60,223.56	GOVERNOR'S HIGHWAY SAFETY REP: Thomas J. Maziarz		DATE:
HSO APPROVED \$				
TOTAL ALLOTTED:				

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 1 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION

Alcohol-impaired driving fatalities in Connecticut averaged 106 per year for the 2007-2016 ten year period. The year 2011 had the lowest reported total (94) and the year 2013 had the highest reported total (126). Alcohol-impaired driving fatalities for the latest available three years are: **2014 - 97, 2015 - 103, 2016 - 116.** Alcohol-impaired driving fatalities for the 2007-2016 ten year period averaged 39% of total fatalities for the period.

DUI crashes for the latest available three years are: **2016 - 3317, 2017 - 3240, 2018 - 2483.**
DUI injuries for the latest available three years are: **2016 - 1963, 2017 - 1863, 2018 - 1343.**

66% of fatally injured drinking drivers ($BAC \geq 0.01$) occurred in crashes between the hours of 8 PM and 6 AM.

The number of statewide DUI arrests for the latest available three years are:
FY 2015/2016 - 10,265, FY 2016/2017 - 9,659, FY 2017/2018 - 9,252.

NOTE: For roving patrol activities, the number of enforcement officers allowed per vehicle at any one time is one per vehicle. However, core enforcement hours may be split by more than one officer. All officers who will be assigned to DUI activities should be trained in the most current Standardized Field Sobriety Test (SFST) course curriculum.

NOTE: The operation of this DUI enforcement project shall be above and beyond regular patrol activities scheduled during the program parameter times.

OBJECTIVES

To reduce the number of crashes, injuries and fatalities from impaired driving through increased high-visibility DUI enforcement activities. To communicate with the public, through media venues, the increased levels of DUI enforcement activities so drivers will realize the risks and consequences of operating a vehicle while under the influence and therefore deter that behavior.

ACTIVITIES AND PROCEDURES

This program is being offered on an expanded year-round basis and is in line with the goals and objectives as highlighted in the Connecticut Highway Safety Plan for FY 2020. Funding will be used to address various circumstances in which increased drinking and driving within the municipality is anticipated to take place. In the course of discussions with police agencies, it is evident that the incidence of impaired driving increases at certain times of the year in addition to holiday periods, such as shoreline communities that experience an increase in population during the summer months. Events such as summer festivals, country fairs, music concerts, sporting events, etc., all represent potential for a higher incidence of impaired driving.

Enforcement techniques employed should include extra DUI patrol activities and may include DUI sobriety checkpoints. A checkpoint is defined as an operation in a fixed location where motor vehicle operators are stopped and interviewed to establish if they are operating while impaired. Checkpoints may only be scheduled for a maximum of 8 hours. Saturation/roaming patrols are not considered checkpoints.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 2 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION (CONTINUED):

**(INSERT LOCAL DUI CRASH AND CITATION STATISTICS AND LOCAL PROBLEM ID HERE)
DATA MUST INCLUDE ALCOHOL-RELATED FATAL AND INJURY CRASH DATA, DUI ARREST DATA,
TIME OF DAY AND DAY OF THE WEEK AND LOCATIONS WHERE THE PROBLEM EXISTS.**

* Norwalk's statistics from 2016, 2017, and 2018 are drawn from the Connecticut Crash Data Repository as well as in house records through the Norwalk Computer Assited Dispatch System. These statistics are as follows: DUI crashes 2016-54, 2017-77, 2018-76 DUI arrests 2016-201, 2017-155, 2018-123. DUI Fatalities 2016-0, 2017-1, 2018-0 DUI crashes with injuries 2016-27, 2017-32, 2018-38. DUI related incidents tend to occur on weekends during the late evening to early morning hours and on holiday periods. They generally occur on primary and secondary highways.

* DUI crashes have risen from 2016-2018. DUI arrests have dropped from 2016-2018. There is insufficient data for DUI fatals to identify a pattern. DUI crashes with injuries have risen from 2016-2018. Increased enforcement to address these rising statistics is a goal over the enforcement period covered by this grant: approximately November, 2019 through September 2020.

* Over the past number of years, Norwalk has seen an upswing in its bar, restaurant and nightclub scene. Most recent statistics show the Norwalk Fire Marshall is resspnsible for inspecting 151 such establishments.

* This upswing has been fed by the development of Norwalk's two central areas, known as SoNo and Waypointe. These areas are tyfied by concentrations of apartments and population. The area attracts patrons from throughout the geographical area. Additionally, a shopping mall known as The SoNo Collection has recently begun to open. The SoNo collection on West Avenue, when fully opened, will add new bar and restaurant locations to the SoNo area.

* Traditionally, Thursday through Saturday nights have the highest call volume for police services. This is a time when DUI also tends to be more prevalent. The high call volume on these nights precludes the police applying high focus to DUI and other motor vehicle related enforcement in general. The reimbursement rate offered by this grant would allow the City to supplement its patrol division with motor vehicle and DUI targeted enforcement. The ultimate goal would be to address DUI as well as the property damage, personal injury and rare fatalities related to DUI.

* Norwalk along with its Police Union has taken the step of allowing the Chief of Police to select the most skilled, proactive DUI trained officers to take 40% of the DUI grant hires prior to the grant hires being released to the general police workforce. This has had the effect of reducing the numbers of DUI enforcement hires to a relatively small group of approximately 10 highly DUI trained and motivated officers out of a total of 178 full time employees.

* Goals will be to improve on the most recent statistics, that is to increase Norwalk's DUI arrest total from last year's level of 123 arrests. Although correlation in not necessary causation, this increased enforcement may result in a drop in DUI related crashes and injuries from last year's totals of 76 crashes and 38 injury related crashes.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 3 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION (CONTINUED):

(INSERT LOCAL DUI CRASH AND CITATION STATISTICS AND LOCAL PROBLEM ID HERE)
 DATA MUST INCLUDE ALCOHOL-RELATED FATAL AND INJURY CRASH DATA, DUI ARREST DATA,
 TIME OF DAY AND DAY OF THE WEEK AND LOCATIONS WHERE THE PROBLEM EXISTS.

Alcohol Crashes			Target Goals for Project Period *
2016	2017	2018	Alcohol Crashes
54	77	76	70
Alcohol Fatalities			
2016	2017	2018	
0	1	0	
Alcohol Injuries			
2016	2017	2018	
27	32	38	
DUI Arrests			DUI Arrests
2016	2017	2018	150
201	155	123	

Crash data can be obtained from the Connecticut Crash Data Repository at:

<https://www.ctcrash.uconn.edu/>

Select the "Basic Report Tool" button. Then select the time period, "DUI Enforcement Grant" as the type of report and your "Police Agency."

Problem Identification:

List locations with the highest problems:

Primary and secondary roadways within Norwalk such as West Avenue,
Main Avenue, route 1, route 136, Main Street, Wall Street, Washington Street,
North Main Street, South Main Street

List day(s) of the week where data shows increased DUI:

Weekends and holidays

List time(s) of the day where data shows increased DUI:

evenings to early mornings

You must provide grant point of contact information for this grant
 (This would be the person who is the day-to-day point of contact)

Name of Contact:	LT Bruce Hume
Contact Title:	Grant Manager
Work Phone:	230 854 3007
Cell Phone:	N/A
FAX No.:	
Email Address:	bhume@norwalkct.org

HSO Use Only

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	ELIGIBLE DATES

October 2019

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November 2019

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December 2019

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January 2020

Su	Mo	Tu	We	Th	Fr	Sa
			3	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2020

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March 2020

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2020

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May 2020

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2020

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July 2020

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2020

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2020

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	MUNICIPAL PD	PAGE 1 OF 3

ROVING PATROLS: You must indicate the actual number of roving patrols planned.

HOLIDAY ROVING PATROLS (DATES IN BLUE ON ELIGIBLE DATES CALENDAR)
(maximum allowed: 8 hours per shift, 16 hours per day)

	Number of Patrol Days	Number of Shifts per Day	Hours per Shift	Overtime Hourly Rate	Total
TCNY	25	1	8	\$70.67	\$14,134.00
MD	5	1	8	\$70.67	\$2,826.80
J4	5	1	8	\$70.67	\$2,826.80
LABOR	15	1	8	\$70.67	\$8,480.40
Holiday Roving Patrol Total					\$28,268.00

NON-HOLIDAY ROVING PATROLS (DATES IN ORANGE ON ELIGIBLE DATES CALENDAR)
(maximum allowed: 8 hours per shift, 16 hours per day)

	Number of Patrol Days	Number of Shifts per Day	Hours per Shift	Overtime Hourly Rate	Total
Non-Holiday 1	0				\$0.00
Non-Holiday 2	35	1	8	\$70.67	\$19,787.60
Non-Holiday 3	15	1	8	\$70.67	\$8,480.40
Non-Holiday 4	5	1	8	\$70.67	\$2,826.80
Non-Holiday Roving Patrol Total					\$31,094.80

ALL ROVING PATROL MUST BE CONDUCTED ON THE ELIGIBLE DATES SHOWN ON THE "ELIGIBLE DATES". ROVING PATROL CONDUCTED ON OTHER DATES ARE NOT REIMBURSABLE. ANY ROVING PATROL ACTIVITY NOT CONDUCTED DURING THE PERIOD PLANNED MAY BE CONDUCTED ON ANY OTHER ELIGIBLE DATE NOT TO EXCEED 16 HOURS PER DAY.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 1 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION

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PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 2 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION (CONTINUED):

**(INSERT LOCAL DUI CRASH AND CITATION STATISTICS AND LOCAL PROBLEM ID HERE)
DATA MUST INCLUDE ALCOHOL-RELATED FATAL AND INJURY CRASH DATA, DUI ARREST DATA,
TIME OF DAY AND DAY OF THE WEEK AND LOCATIONS WHERE THE PROBLEM EXISTS.**

* Norwalk's statistics from 2016, 2017, and 2018 are drawn from the Connecticut Crash Data Repository as well as in-house records through the Norwalk Computer Assisted Dispatch System. These statistics are as follows: DUI crashes 2016-54, 2017-77, 2018-76. DUI arrests 2016-201, 2017-155, 2018-123. DUI Fatalities 2016-0, 2017-1, 2018-0. DUI crashes with injuries 2016-27, 2017-32, 2018-38. DUI related incidents tend to occur on weekends during the late evening to early morning hours and on holiday periods. They generally occur on primary and secondary highways.

* DUI crashes have risen from 2016-2018. DUI arrests have dropped from 2016-2018. There is insufficient data for DUI fatalities to identify a pattern. DUI crashes with injuries have risen from 2016-2018. Increased enforcement to address these rising statistics is a goal over the enforcement period covered by this grant: approximately November, 2019 through September 2020.

* Over the past number of years, Norwalk has seen an upswing in its bar, restaurant and nightclub scene. Most recent statistics show the Norwalk Fire Marshall is responsible for inspecting 151 such establishments.

* This upswing has been fed by the development of Norwalk's two central areas, known as SoNo and Waypointe. These areas are typified by concentrations of apartments and population. The area attracts patrons from throughout the geographical area. Additionally, a shopping mall known as The SoNo Collection has recently begun to open. The SoNo collection on West Avenue, when fully opened, will add new bar and restaurant locations to the SoNo area.

* Traditionally, Thursday through Saturday nights have the highest call volume for police services. This is a time when DUI also tends to be more prevalent. The high call volume on these nights precludes the police applying high focus to DUI and other motor vehicle related enforcement in general. The reimbursement rate offered by this grant would allow the City to supplement its patrol division with motor vehicle and DUI targeted enforcement. The ultimate goal would be to address DUI as well as the property damage, personal injury and rare fatalities related to DUI.

* Norwalk along with its Police Union has taken the step of allowing the Chief of Police to select the most skilled, proactive DUI trained officers to take 40% of the DUI grant hires prior to the grant hires being released to the general police workforce. This has had the effect of reducing the numbers of DUI enforcement hires to a relatively small group of approximately 10 highly DUI trained and motivated officers out of a total of 178 full time employees.

* Goals will be to improve on the most recent statistics, that is to increase Norwalk's DUI arrest total from last year's level of 123 arrests. Although correlation is not necessary causation, this increased enforcement may result in a drop in DUI related crashes and injuries from last year's totals of 76 crashes and 38 injury related crashes.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	PROBLEM ID	PAGE 3 OF 3

STATEMENT OF THE PROBLEM AND BACKGROUND INFORMATION (CONTINUED):

(INSERT LOCAL DUI CRASH AND CITATION STATISTICS AND LOCAL PROBLEM ID HERE)
 DATA MUST INCLUDE ALCOHOL-RELATED FATAL AND INJURY CRASH DATA, DUI ARREST DATA,
 TIME OF DAY AND DAY OF THE WEEK AND LOCATIONS WHERE THE PROBLEM EXISTS.

Alcohol Crashes			Target Goals for Project Period "
2016	2017	2018	Alcohol Crashes
Alcohol Fatalities			
2016	2017	2018	
Alcohol Injuries			
2016	2017	2018	
DUI Arrests			DUI Arrests
2016	2017	2018	

Crash data can be obtained from the Connecticut Crash Data Repository at:

<https://www.ctcrash.uconn.edu/>

Select the "Basic Report Tool" button. Then select the time period, "DUI Enforcement Grant" as the type of report and your "Police Agency."

Problem Identification:

List locations with the highest problems:

Primary and secondary roadways within Norwalk such as West Avenue,
Main Avenue, route 1, route 136, Main Street, Wall Street, Washington Street

List day(s) of the week where data shows increased DUI:
Weekends and holidays

List time(s) of the day where data shows increased DUI:
evenings to early mornings

You must provide grant point of contact information for this grant
 (This would be the person who is the day-to-day point of contact)

Name of Contact:	LT. Brice Hume
Contact Title:	Grant Manager
Work Phone:	230 854 3007
Cell Phone:	N/A
FAX No.:	
Email Address:	bhume@norwalkct.org

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	MUNICIPAL PD	PAGE 1 OF 3

ROVING PATROLS: You must indicate the actual number of roving patrols planned.

HOLIDAY ROVING PATROLS (DATES IN BLUE ON ELIGIBLE DATES CALENDAR)
(maximum allowed: 8 hours per shift, 16 hours per day)

	Number of Patrol Days	Number of Shifts per Day	Hours per Shift	Overtime Hourly Rate	Total
TCNY	25	1	8	\$70.67	\$14,134.00
MD	5	1	8	\$70.67	\$2,826.80
J4	5	1	8	\$70.67	\$2,826.80
LABOR	15	1	8	\$70.67	\$8,480.40
Holiday Roving Patrol Total					\$28,268.00

NON-HOLIDAY ROVING PATROLS (DATES IN ORANGE ON ELIGIBLE DATES CALENDAR)
(maximum allowed: 8 hours per shift, 16 hours per day)

	Number of Patrol Days	Number of Shifts per Day	Hours per Shift	Overtime Hourly Rate	Total
Non-Holiday 1	0				\$0.00
Non-Holiday 2	35	1	8	\$70.67	\$19,787.60
Non-Holiday 3	15	1	8	\$70.67	\$8,480.40
Non-Holiday 4	5	1	8	\$70.67	\$2,826.80
Non-Holiday Roving Patrol Total					\$31,094.80

ALL ROVING PATROL MUST BE CONDUCTED ON THE ELIGIBLE DATES SHOWN ON THE "ELIGIBLE DATES". ROVING PATROL CONDUCTED ON OTHER DATES ARE NOT REIMBURSABLE. ANY ROVING PATROL ACTIVITY NOT CONDUCTED DURING THE PERIOD PLANNED MAY BE CONDUCTED ON ANY OTHER ELIGIBLE DATE NOT TO EXCEED 16 HOURS PER DAY.

[illegible]

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	MUNICIPAL PD	PAGE 3 OF 3

OUT-OF-TOWN CHECKPOINTS: You must indicate the actual number of out-of-town checkpoints planned.

HOLIDAY OUT-OF-TOWN CHECKPOINTS (DATES IN BLUE ON ELIGIBLE DATES CALENDAR)

(maximum allowed: 8 hours per shift, 64 hours per checkpoint)

	Number of Checkpoints	Number of Shifts per Checkpoint	Hours per Checkpoint Shift	Overtime Hourly Rate	Total
TCNY	0				\$0.00
MD	0				\$0.00
J4	0				\$0.00
LABOR	0				\$0.00
Holiday Out-of-Town Checkpoint Total					\$0.00

NON-HOLIDAY OUT-OF-TOWN CHECKPOINTS (DATES IN ORANGE ON ELIGIBLE DATES CALENDAR)

(maximum allowed: 8 hours per shift, 64 hours per checkpoint)

	Number of Checkpoints	Number of Shifts per Checkpoint	Hours per Checkpoint Shift	Overtime Hourly Rate	Total
Non-Holiday 1	0				\$0.00
Non-Holiday 2	0				\$0.00
Non-Holiday 3	0				\$0.00
Non-Holiday 4	0				\$0.00
Non-Holiday Out-of-Town Checkpoint Total					\$0.00

ALL OUT-OF-TOWN CHECKPOINT ACTIVITIES MUST BE CONDUCTED ON THE DATES LISTED ON THE HOST TOWN'S "IN-TOWN CHKPTS" PAGE OR APPROVED BY THE HIGHWAY SAFETY OFFICE. CHECKPOINT ACTIVITY HOURS MAY NOT EXCEED 64 HOURS PER CHECKPOINT.

OVERALL TOTAL: \$59,362.80

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	SPECIAL ENFORCEMENT 1

SPECIAL EVENT ENFORCEMENT WORKSHEET

**8 OFFICERS PER EVENT MAXIMUM.
8 HOUR SHIFTS MAXIMUM.
SPECIAL EVENT ENFORCEMENT REQUIRES ADDITIONAL WRITTEN
JUSTIFICATION AND APPROVAL FROM THE PROGRAM COORDINATOR.**

*** Please describe in detail the nature of the event, past history, crash data, arrest data, or problems necessitating the additional manpower for alcohol enforcement and any other information necessary to consider for additional enforcement.

Date:		Event:	
Enforcement Officer	Hrs.	Rate	Total
# 1:			\$0.00
# 2:			\$0.00
# 3:			\$0.00
# 4:			\$0.00
# 5:			\$0.00
# 6:			\$0.00
# 7:			\$0.00
# 8:			\$0.00
Grand Total			\$0.00

N/A

Approved: Joseph T. Cristalli, Jr.

Disapproved: Joseph T. Cristalli, Jr.

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	FB CERTIFICATION

FRINGE BENEFIT CERTIFICATION STATEMENT

NOTE: If fringe rate is being charged/reimbursed, this page should be completed and signed. Fringe benefit charges should NOT be included in the hourly rate. No hourly rate should be inflated--all hourly rates should be reported as actuals.

I hereby certify that the information below is the true and accurate and authorized by the City/Town/Agency of
Norwalk CT Police Department for hours worked by personnel for the following time period:

FROM Date: 21-Nov-19 **TO Date:** 12-Sep-20

#	Actual Cost Category	Officer's Fringe Rate OVT %	Submitting for Reimbursement	Trooper's Fringe Rate OVT %	Submitting for Reimbursement
1	59,362	1.45%	YES	0.00%	
2		0.00%		0.00%	
3		0.00%		0.00%	
4		0.00%		0.00%	
5		0.00%		0.00%	
6		0.00%		0.00%	
7		0.00%		0.00%	
8		0.00%		0.00%	
9		0.00%		0.00%	
10		0.00%		0.00%	
Total Fringe Rate		1.45%	1.45%	0.00%	0.00%

I further certify that this statement is correct in all respects and that the fringe benefit rate(s) identified above accurately represents the fringe benefit costs to the city/town/agency for the individuals employed under or working on this project.

City/Town/Agency's Chief Financial Officer or Authorized Official

Name (Please Print): Chitsamay Lam

Ink Signature: _____

Title: Comptroller

Date: _____

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	BUDGET

BUDGET DETAIL

THIS WORKSHEET WILL AUTO POPULATE ONCE THE OTHER TABS ARE FILLED OUT

(A) SALARIES:

Total Estimated Wages: (A) \$59,362.80

(B) FRINGE BENEFITS:

Overtime Fringe Benefit of:		Rate	Salary Breakdown	Fringe Benefits
Municipal PD	@	1.45%	\$59,362.80	\$860.76
Resident Trooper	@	0.00%	\$0.00	\$0.00
Officer/Constable	@	1.45%	\$0.00	\$0.00
State Police	@	0.00%	\$0.00	\$0.00

Total Fringe Benefits Costs: (B) \$860.76

(C) INDIRECT COST:

Indirect Rate @

Total Indirect Costs: (C) \$0.00

Grand Total Amount: \$60,223.56

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	REIMBURSEMENT

PROJECT EXPENDITURES --- REIMBURSEMENT REQUIREMENTS

NOTE: This is a federally reimbursable program. The cost of all expenses incurred under this project must first be paid for with municipal or state agency funds. The sub-grantee may then apply for reimbursement based on the procedures and policies listed below.

Project Start Date November 1, 2019		
1st Billing Period Start Date October 3, 2019	1st Billing Period Ending Date January 1, 2020	Reimbursement Deadline January 31, 2020
2nd Billing Period Start Date January 2, 2020	2nd Billing Period Ending Date April 4, 2020	Reimbursement Deadline May 4, 2020
3rd Billing Period Start Date April 9, 2020	3rd Billing Period Ending Date July 5, 2020	Reimbursement Deadline August 4, 2020
4th Billing Period Start Date July 9, 2020	Project Ending Date September 12, 2020	Reimbursement Deadline October 13, 2020

- *All reimbursements must be signed and dated by the sub-grantee's authorizing official.*
- *Reimbursements should be submitted on a quarterly/monthly basis, per program, per program manager, during the term of the approved grant.*
- *Under the terms and conditions of this project application, ALL SUPPORTING DOCUMENTATION must be submitted to the Highway Safety Office no later than thirty (30) days after the project's ending date. Please verify the project start date, project ending date, and reimbursement deadline prior to any project activity.*
- *All reimbursements must include the invoice as well as proof of payment (examples: for airfare or hotel; a billing statement showing a zero balance, a screen shot from system showing vendor and payment amount with voucher number, copy of front and back of canceled check, or notarized letter which includes check number and date when expenditure was paid).*
- *Deadline for all federal reimbursements for salary positions must be invoiced to the CT Highway Safety Office (HSO) no later than October 30th. Failure to do so may jeopardize your reimbursement.*
- *All salary reimbursements must be accompanied by signed timesheets and/or reports. Signature of both the employee and authorizing Supervisor is required.*
- *Deadline for all federal reimbursements for commodity purchases and other pre-approved grant items should be submitted to the HSO no later than October 30th.*
- *Photocopies of any media coverage (if applicable) or supportive documentation can be included.*
- *Grant category budgets should be adhere to, funding is not fluid between budget categories. Only expenses contained in the approved Highway Safety Project application may be claimed for reimbursement.*

FAILURE TO MEET THE REIMBURSEMENT REQUIREMENTS SET FORTH MAY RESULT IN YOUR CLAIM BEING DENIED.

PROJECT TITLE	APPLICANT
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department
	AUDIT REQ

ATTACHMENT A

SINGLE AGENCY AUDITING REQUIREMENTS AND PROCEDURES EFFECTIVE OCTOBER 1, 2019

AUDIT REQUIREMENT STATEMENT:

The town/city/agency of Norwalk

declares that for the fiscal year ending September 30, 2020, the sum total of Federal funds awarded to local government agencies from all sources DOES exceed \$750,000 and that it will conduct an audit report as required under 2 CFR part 200 subpart F (REVISED) AUDITS OF STATES, LOCAL GOVERNMENTS, AND NON-PROFIT ORGANIZATIONS AND 49 CFR UNIFORM ADMINISTRATIVE REQUIREMENTS FOR GRANTS AND COOPERATIVE AGREEMENTS TO STATE AND LOCAL GOVERNMENTS PART 18.26

Name (Please Print): Chitsamay Lam

Signature: _____

Title: Comptroller

Date: _____

(NOTE: PLEASE DO NOT SIGN FOR BOTH STATEMENTS)



AUDIT EXEMPTION STATEMENT:

The town/city/agency of _____

declares that for the fiscal year ending September 30, 2020, the sum total of Federal funds awarded to local government agencies from all sources DOES NOT exceed \$750,000 and that an independent audit is not required under 2 CFR part 200 subpart F (REVISED) AUDITS OF STATES, LOCAL GOVERNMENTS, AND NON-PROFIT ORGANIZATIONS AND 49 CFR UNIFORM ADMINISTRATIVE REQUIREMENTS FOR GRANTS AND COOPERATIVE AGREEMENTS TO STATE AND LOCAL GOVERNMENTS PART 18.26

Name (Please Print): _____

Signature: _____

Title: _____

Date: _____

The following sanctions policy will be in effect for sub grantees who do not submit Audit Reports or who do not correct findings in those reports:

a. Any sub grantee receiving \$750,000 or more in Federal funds from all sources who fails to submit an audit report two or more sequential fiscal years will not be eligible for highway safety grants until all audit reporting requirements are met.

b. Any sub grantee who has not taken corrective action on an audit finding within six months of the submission of an audit report will have funds automatically deducted from any pending claims. If there are no pending claims with the HSO, the sub grantee will not be eligible for highway safety grants until a corrective action has been negotiated with the HSO.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 1 OF 6

Certification and Assurances

EQUIPMENT

Equipment acquired under this agreement for use in highway safety program areas shall be used and kept in operation for highway safety purposes by the State; or the State, by formal agreement with appropriate officials of a political subdivision or State agency, shall cause such equipment to be used and kept in operation for highway safety purposes 23 CFR 1200.31

NONDISCRIMINATION

(applies to subrecipients as well as States)

The State highway safety agency will comply with all Federal statutes and implementing regulations relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (Pub. L. 88-352), which prohibits discrimination on the basis of race, color or national origin (and 49 CFR Part 21); (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683 and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and the Americans with Disabilities Act of 1990 (Pub. L. 101-336), as amended (42 U.S.C. 12101, *et seq.*), which prohibits discrimination on the basis of disabilities (and 49 CFR Part 27); (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Civil Rights Restoration Act of 1987 (Pub. L. 100-259), which requires Federal-aid recipients and all subrecipients to prevent discrimination and ensure nondiscrimination in all of their programs and activities; (f) the Drug Abuse Office and Treatment Act of 1972 (Pub. L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (g) the comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (Pub. L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (h) Sections 523 and 527 of the Public Health Service Act of 1912, as amended (42 U.S.C. 290dd-3 and 290ee-3), relating to confidentiality of alcohol and drug abuse patient records; (i) Title VIII of the Civil Rights Act of 1968, as amended (42 U.S.C. 3601, *et seq.*), relating to nondiscrimination in the sale, rental or financing of housing; (j) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (k) the requirements of any other nondiscrimination statute(s) which may apply to the application.

BUY AMERICA ACT

(applies to subrecipients as well as States)

The State will comply with the provisions of the Buy America Act (49 U.S.C. 5323(j)), which contains the following requirements:

Only steel, iron and manufactured products produced in the United States may be purchased with Federal funds unless the Secretary of Transportation determines that such domestic purchases would be inconsistent with the public interest, that such materials are not reasonably available and of a satisfactory quality, or that inclusion of domestic materials will increase the cost of the overall project contract by more than 25 percent. Clear justification for the purchase of non-domestic items must be in the form of a waiver request submitted to and approved by the Secretary of Transportation.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 2 OF 6

POLITICAL ACTIVITY (HATCH ACT)

(applies to subrecipients as well as States)

The State will comply with provisions of the Hatch Act (5 U.S.C. 1501-1508) which limits the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

CERTIFICATION REGARDING FEDERAL LOBBYING

(applies to subrecipients as well as States)

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-award at all tiers (including subcontracts, subgrants, and contracts under grant, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

RESTRICTION ON STATE LOBBYING

(applies to subrecipients as well as States)

None of the funds under this program will be used for any activity specifically designed to urge or influence a State or local legislator to favor or oppose the adoption of any specific legislative proposal pending before any State or local legislative body. Such activities include both direct and indirect (e.g., "grassroots") lobbying activities, with one exception. This does not preclude a State official whose salary is supported with NHTSA funds from engaging in direct communications with State or local legislative officials, in accordance with customary State practice, even if such communications urge legislative officials to favor or oppose the adoption of a specific pending legislative proposal.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 3 OF 6

CERTIFICATION REGARDING DEBARMENT AND SUSPENSION

(applies to subrecipients as well as States)

Instructions for Primary Certification

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms *covered transaction*, *debarred*, *suspended*, *ineligible*, *lower tier covered transaction*, *participant*, *person*, *primary covered transaction*, *principal*, *proposal*, and *voluntarily excluded*, as used in this clause, have the meaning set out in the Definitions and coverage sections of 49 CFR Part 29. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR Part 9, subpart 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 4 OF 6

8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48 CFR Part 9, subpart 9.4, debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the list of Parties Excluded from Federal Procurement and Non-procurement Programs.
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR Part 9, subpart 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

CERTIFICATION REGARDING DEBARMENT AND SUSPENSION

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of record, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the Statements in this certification, such prospective participant shall attach an explanation to this proposal.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 5 OF 6

Instructions for Lower Tier Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms *covered transaction*, *debarred*, *suspended*, *ineligible*, *lower tier covered transaction*, *participant*, *person*, *primary covered transaction*, *principal*, *proposal*, and *voluntarily excluded*, as used in this clause, have the meanings set out in the Definition and Coverage sections of 49 CFR Part 29. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR Part 9, subpart 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. (See below)
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48 CFR Part 9, subpart 9.4, debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the List of Parties Excluded from Federal Procurement and Non-procurement Programs.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR Part 9, subpart 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

PROJECT TITLE	APPLICANT	
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department	Norwalk CT Police Department	
	CERT ASSURANCE	PAGE 6 OF 6

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

OTHER FEDERAL REQUIREMENTS

{23 U.S.C. 402(b)(1)(F)}

The State will actively encourage all relevant law enforcement agencies in the State to follow the guidelines established for vehicular pursuits issued by the International Association of Chiefs of Police that are currently in effect. (23 U.S.C. 402(j))

The State will not expend Section 402 funds to carry out a program to purchase, operate, or maintain an automated traffic enforcement system. (23 U.S.C. 402(c)(4))

Failure to comply with applicable Federal statutes and regulations may subject State officials to civil or criminal penalties and/or place the State in a high risk grantee status in accordance with 49 CFR 18.12.

The State and each sub-recipient will not use 23 U.S.C. Chapter 4 grant funds for programs to check helmet usage or to create checkpoints that specifically target motorcyclists.

These Certifications and Assurances based on personal knowledge, after appropriate inquiry, and I understand that the Government will rely on these representations in awarding grant funds.

Certifying Official:

Name: Harry W. Rilling

Title: Mayor

Ink Signature: _____

Date: _____

PROJECT TITLE		APPLICANT					
FY 2020 Comprehensive DUI Enforcement Program for Municipal Police Department		Norwalk CT Police Department					
		SUMMARY					
BUDGET SUMMARY							
BUDGET SUMMARY SUBMITTAL		<table border="1"> <tr> <td>Federal Share</td> <td>100.00%</td> </tr> <tr> <td>State/Local Share</td> <td>0.00%</td> </tr> </table>		Federal Share	100.00%	State/Local Share	0.00%
Federal Share	100.00%						
State/Local Share	0.00%						
COST CATEGORY	AMOUNT	SOURCE OF FUNDS					
OFFICERS-SALARIES	\$59,362.80	FEDERAL FUNDS (100%)	\$60,223.56				
OFFICERS-FRINGS BENEFITS	\$860.76	NON-FEDERAL FUNDS (0%)	\$0.00				
TROOPER-SALARIES	\$0.00	TOTAL FUNDS (100%)	\$60,223.56				
TROOPER-FRINGS BENEFITS	\$0.00						
STATE POLICE-SALARIES	\$0.00						
STATE POLICE-FRINGS BENEFITS	\$0.00						
INDIRECT COST	\$0.00						
TOTAL FEDERAL BUDGET	\$60,223.56						
BUDGET SUMMARY APPROVAL (HSO USE ONLY)							
COST CATEGORY	AMOUNT	SOURCE OF FUNDS					
OFFICERS-SALARIES		FEDERAL FUNDS (100%)					
OFFICERS-FRINGS BENEFITS		NON-FEDERAL FUNDS (0%)					
TROOPER-SALARIES		TOTAL FUNDS (100%)					
TROOPER-FRINGS BENEFITS		FEDERAL AWARD IDENTIFIER NUMBER (FAIN):					
STATE POLICE-SALARIES		69A37518300001540CTA					
STATE POLICE-FRINGS BENEFITS		69A37519300001540CTA					
INDIRECT COST		69A37520300001540CTA					
TOTAL FEDERAL BUDGET							

SOLE SOURCE PROCUREMENT REQUEST

Date - October 21 2019

Please read the Sole Source procurement Policy printed on page 2 before filling out this request. This form is to be used in conjunction with the Procurement Request Form.

Briefly describe the scope of services or equipment needed. Attach a Procurement Request Form and complete specifications.

Portable Radio Upgrade 19-20

This purchase qualifies as a Sole Source procurement for the following reason(s):

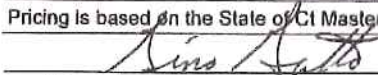
- ☒ The compatibility of equipment is of paramount consideration.
- ☒ The compatibility of accessories, replacement parts is of paramount consideration.
- ☐ The sole supplier's item is needed for trial use or testing.
- ☐ The sole supplier's item is to be produced for resale or donation.
- ☐ A Public utility service
- ☐ Other, please explain -

Outline any research you did in determining that this vendor is the only one able to supply this item or service. Be specific as to names and addresses of firms or people contacted. Attach supportive documentation.

Motorola is the current equipment that we have, the combined dispatch center is all based on Motorola. The upgrade for dispatch upgrade planned for 20-21 will be all Motorola (the state radio network is built on Motorola infrastructure and Motorola only guarantees performance with Motorola subscriber radios.) NorcomCt has been the vendor that we have used for 20 plus years for both the Police Department and ourself.

The Motorola Personnel Accountability application is engineered to work with the Motorola APX radios.

Pricing is based on the State of Ct Master Contract (A-99-001)


Department Head's Signature

The Purchasing Agent

Corporation Council

☒ Supports

☐ Does not support

☐ Supports

☐ Does not support

This request for a sole source purchase


Signature

Signature



MOTOROLA SOLUTIONS

Customer

Norwalk Fire Department
Assistant Chief Chris King

Date

10/9/2019

<u>Qty</u>	<u>Description</u>	<u>Item</u>	<u>Unit</u>	<u>Extended</u>
50	APX 8000 ALL BAND PORTABLE MODEL 2.5	H91TGD9PW6 N	\$ 7,829.30	\$ 391,465.00
50	ENH: APX8000XE RUGGED RADIO	QA02006		
50	ADD: ASTRO DIGITAL CAI OPERATION	Q806		
50	ADD: SMARTZONE OPERATION	H38		
50	ALT:APX 8000 HOUSING GREEN	QA01427		
50	ADD: TDMA OPERATION	QA00580		
50	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	QA01648		
50	ADD: P25 9600 BAUD TRUNKING	Q361		
50	ADD: 3Y ESSENTIAL ACCIDENTAL DAMAGE	HA00022AC		
50	ENGRAVING SERVICES	SVC03SVC0116		
50	SUBSCRIBER PROGRAMMING	SVC03SVC0115D		
50	XE500 HIGH IMPACT GREEN, WITH CHANNEL KNOB	PMMN4106D		
50	ACCESSORY KIT, FIREMAN'S RADIO STRAP	RLN6486A		
50	CARRY ACCESSORY-CASE, APX8000	PMLN7905A		

Accessories

<u>Qty</u>	<u>Description</u>	<u>Item</u>	<u>Unit</u>	<u>Extended</u>
8	CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP	NNTN8844A	\$ 1,031.25	\$ 8,250.00
9	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	NNTN8860A	\$ 123.75	\$ 1,113.75
50	BATT IMPRES 2 LIION UL2054 DIV2 R IP68 3400T	PMNN4504	\$ 144.75	\$ 7,237.50

Total \$ 408,066.25

Notes

Budgetary pricing per State of CT Master Contract A-99-001 and is valid for 30 days

Please issue PO to Motorola Solutions, Inc.

Note on PO to ship order to 7 Great Hill Road, Naugatuck, CT 06770

Note on PO your address as the "Ultimate Destination"

Pricing reflects additional 2.5% Radio Subscriber Volume Quantity Discount for 50+ Units Ordered

Assumes USAI is provided by others.

Programming of the USAI system requires State authorization and an ID to be issued.

It can take up to two weeks for ID to be issued after receipt of order.

Programming charge includes up to 48 channels in three zones with up to three personalities and one scan list.

Programming includes up to 50 alias's. Updates to alias list will require fleetwide reprogramming.

Programming of authorized channels only. Customer is responsible

for obtaining letters of approval, if needed.

Programming in addition to that noted above will be billed directly at a rate of \$95/hr

Prepared By

NorcomCT



Authorized Channel Partner
Manufacturer's Representative

7 Great Hill Road, Naugatuck, CT 06770

Andy Langlais

Phone 203-568-6963

Email alanglais@norcomct.com

Web www.norcomct.com

APC	List	Contract	Contr Ext	Dis
579	\$5,983.00	\$ 4,337.68	\$ 216,883.75	27.50%
581	\$800.00	\$ 580.00	\$ 29,000.00	27.50%
579	\$515.00	\$ 373.38	\$ 18,668.75	27.50%
655	\$1,500.00	\$ 1,087.50	\$ 54,375.00	27.50%
579	\$25.00	\$ 18.13	\$ 906.25	27.50%
655	\$450.00	\$ 326.25	\$ 16,312.50	27.50%
655	\$5.00	\$ 3.63	\$ 181.25	27.50%
655	\$300.00	\$ 217.50	\$ 10,875.00	27.50%
185	\$284.00	\$ 284.00	\$ 14,200.00	0.00%
	\$25.00	\$ 25.00	\$ 1,250.00	0.00%
	\$40.00	\$ 40.00	\$ 2,000.00	0.00%
	\$616.00	\$ 462.00	\$ 23,100.00	25.00%
271	\$37.00	\$ 27.75	\$ 1,387.50	25.00%
271	\$62.00	\$ 46.50	\$ 2,325.00	25.00%

785	\$1,375.00	\$ 1,031.25	\$ 8,250.00	25.00%
785	\$165.00	\$ 123.75	\$ 1,113.75	25.00%
453	\$193.00	\$ 144.75	\$ 7,237.50	25.00%

\$ 391,465.00

CITY OF NORWALK
FIRE DEPARTMENT

121 CONNECTICUT AVENUE
NORWALK, CONNECTICUT 06851



Tel: (203) 854-0200

To: Harry Rilling, Mayor, City of Norwalk
Members of the Common Council
Members of the Health, Welfare, and Public Safety

From: Gino Gatto, Chief, Norwalk Fire Department
Michael McCallum, Deputy Chief of Training, Norwalk Fire
Department

Date: October 24, 2019

RE: Promotional testing for the Norwalk Fire Department

.....

In August 2019,

Sharon Conners, Purchasing Agent, solicited Requests for Proposal (RFP) For Fire Department Promotional Exams in accordance with City of Norwalk and LOCAL 830 Contractual agreement. Fire Lieutenant May 2020, Fire Captain August 2020, Fire Deputy Chief October 2020.

We received two responses for the Promotional Exams – Fire Department (Lieutenant, Captain and Deputy Chief) which were Miami Dade College – Assessment Center and Resource Management Associates.

After review of the proposals. Resource Management Associates. Was chosen based on best meeting the conditions of the RFP, past working relationship and lower cost.

Action Requested:

- A. **Authorize the Mayor, Harry W. Rilling,** to execute an agreement with Resource Management Associates. For the Promotional Exams – Fire Department (Lieutenant, Captain and Deputy Chief) at cost not to exceed \$28,730.00 From Account 013140 5258



August 7, 2019

City of Norwalk Purchasing Department
125 East Avenue, Room 202
Norwalk, CT 06856-5125

To Whom it May Concern:

On behalf of **Resource Management Associates**, I am pleased to submit this proposal to develop and administer customized, content-valid and job-related written and oral examinations for the positions of Fire Lieutenant, Fire Captain and Deputy Fire Chief. This proposal is submitted in response to the City's Request for Proposal 3949 issued on July 22, 2019, and is intended to comply in all respects with the terms, requirements, and conditions set forth therein.

It is understood that the examinations will be developed and administered pursuant to this Request for Proposal and will include the following:

Position	Test Date	Number of Eligible Candidates
Fire Lieutenant	May, 2020	40
Fire Captain	August, 2020	16
Deputy Fire Chief	October, 2020	10

Scope of Services

Based upon my understanding of your requirements, we are prepared to do the following:

1. Written Examination

a. We will consult with the designated Norwalk Fire Department representative to provide the Norwalk Fire Department with a reading list of reference materials from which the examination items will be drawn. In addition to any textbooks utilized, the examinations will also contain questions drawn from selected sections of the Norwalk Fire Department Standard Operating Procedures and any other local directives as may be desired. We have examined the reading lists contained in the appendix to the City's Request for Proposal and are prepared to work with them as currently stated.

b. We will provide all details of the written examinations, including instructions to candidates and all necessary test supplies.

c. We will assemble and prepare content-valid written examinations consisting of 100 multiple-choice items which will reflect the knowledge required to successfully perform the duties and responsibilities of each position tested. All questions used in the examinations will be thoroughly reviewed to ensure that they are not racially, ethically, culturally or gender-biased in form or content. Moreover, every effort will be made to ensure that all questions on the written examinations are specifically related to the position for which the person is being examined and will have minimum disparate impact on protected classes.

d. We will make arrangements to score the examinations on-site using computerized scoring methods and providing for an immediate written report to the candidates containing their scores as well as a list of the items they answered incorrectly.

e. We will conduct a review and appeal session in which candidates will be allowed to review their examination papers and to appeal any questions that they may believe are vague, ambiguous, or improperly keyed. All appeals will be reduced to writing using a standard format designed for this purpose.

f. All appeals will be reviewed by our staff and a decision reached within 48 hours after receipt. We will inform the City of our decision on any challenges and will recalculate the scores as may be necessary.

g. Immediately following our response to the appeals, we will prepare a written report including the preliminary (*pre-appeal*) and final (*post-appeal*) written examination scores, along with a description of all appeals received and the decisions reached regarding them.

2. Structured Oral Examination

a. We will prepare written guidelines and candidate evaluation forms and scoring procedures for the conduct of the structured oral examination. The process will consist of two parts: a tactical simulation and structured oral examination questions.

b. The Norwalk Fire Department will be responsible for selecting persons to serve as members of the structured oral interview panel. These should be persons with substantial experience and training in the position for which candidates are being evaluated and who are capable of rendering a fair and impartial evaluation of each candidate. In addition, there should be a reasonable blend of racial, gender and ethnic diversity among members of the structured oral interview panel.

c. We will provide study guides to all candidates to assist them in preparing for the structured oral examination.

d. We will create a tactical simulation that will be utilized in the oral examination utilizing the Fire Studio simulation software. The candidates will be expected to verbalize their actions as though they are on the scene of an emergency response and will be evaluated based on benchmarks approved by a Subject Matter Expert from the Department. The simulation will last no more than 10 minutes during which time there will be a progression of the conditions shown via the simulation software.

e. We will prepare a series of job-related, content-valid structured oral interview questions suitable for each rank to be utilized in the second part of the structured oral examination. All questions used in the oral interview examinations will be thoroughly reviewed to ensure that they are not racially, ethically, culturally or gender-biased in form or content. Moreover, every effort will be made to ensure that the questions are specifically related to the position for which the person is being examined and will have minimum disparate impact on protected classes.

f. We will also prepare recommended responses for each of these questions to be used by members of the structured oral examination panel in evaluating candidate responses to the questions. The recommended responses will be based upon the same materials that will be utilized on the written examination.

g. We will be responsible for administering the structured oral examination. In doing so, we will instruct members of the structured oral examination panel in proper interviewing and evaluating techniques as well as the methods by which candidates' responses to the questions should be evaluated. We will supervise and monitor the structured oral examination panel during the interview process and be responsible for ensuring that they comply fully with the written and oral instructions that have been provided to them.

h. We propose to video-record the oral examination, including the candidate evaluation and scoring, to ensure fairness to all candidates. The videos can then be used to review the performance of the candidates in the exercises. We will provide and operate the recording equipment at no additional cost to the department.

i. If desired, we will arrange to conduct individual candidate debriefing sessions during which they will be allowed to view the video-recorded evaluations by the assessors.

j. We will provide the Department with a composite score for each candidate. Based on the results of the examination, we will submit the following to the Department no later than 4:00p.m. E.S.T. on the day following the structured oral interview examinations:

- (1) A list of candidates by identification number who received a grade of seventy (70) or greater; scores of passing candidates will not be distributed at this time.
- (2) A list of candidates by identification number with their exact grades for those who received a grade of sixty-nine (69) or less.
- (3) A ranked list of all candidates, together with their final scores, respectively, including raw score totals and by examination subdivision, for all candidates to whom the said examination was administered.

Project Administration

It has been our experience that proper project management is the key to the success of any consulting work. In addition, the persons assigned to the project must have extensive experience in performing similar work as well as complimentary skills. The project would be conducted under the supervision of **Mr. Charles D. Hale**, who is the President of **Resource Management Associates**, and who has served in that capacity since 1981.

Mr. Hale has written and lectured extensively on the subject of public safety organization, management and operations, and is the author of three books on police administration, including *Police Patrol: Operations and Management*, a Prentice-Hall textbook currently in its 4th edition. He is also the author of the book, *The Assessment Center Handbook for Police and Fire Personnel*, 2nd edition, published by Charles C. Thomas. Mr. Hale holds a Master's Degree in Criminal Justice from California State University at Long Beach.

Mr. Hale would participate in all phases of the project, including the development of the written examination as well as the design and administration of the oral examination. Mr. Hale would be assisted in designing and administering the written and oral examinations by **Mr. Steven W. Hale**, who is the Vice-President and has been a member of the firm for more than 30 years and who also has extensive experience in written promotional examination development and the design and administration of oral examinations and assessment centers.

Organizational Qualifications

Resource Management Associates is one of the leading providers of police and fire promotional examination services in the Chicago area and in several other states (see below). We have designed and administered promotional examinations for communities in several states. Since 1981, we have established a reputation for professional work and client satisfaction.

Each year we design and administer more than 100 customized promotional examinations of the kind described here. We have designed and administered public safety promotional examinations in more than 25 states, including Alabama, Arizona, Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Missouri, New Hampshire, New Jersey, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Virginia and Wisconsin.

There are several characteristics of our work that bear consideration:

- We work exclusively in the public sector and thus are accustomed to working within tight financial constraints and the public scrutiny imposed upon local units of government.
- We specialize in public safety operations and our staff and consultants have hundreds of years of experience as practitioners and consultants in executive-level positions in the police and fire services.
- We have never failed to compete a single project within the deadlines imposed by the undertaking.
- Our work has never been legally challenged in the 38 years of our existence.

These characteristics are a testament to the professionalism, dedication and thoroughness with which we approach each and every engagement. In addition, we encourage you to contact persons for whom we have performed similar services in the past. In the last decade, our clients have included:

Chief Robert Ross
South Fire District
Middletown, CT
(860) 347-6661

Chief Robert McGrath
Stratford Fire Department
Stratford, CT
(203) 385-4070
Chief James O'Brien
West Haven Fire Department
West Haven, CT
(203) 937-3721

Ms. Cherrie L. Lamb
Senior Human Resources Generalist
Waterbury, CT
(203) 574-6761

Ms. Denise Janey
Civil Service Examiner
Danbury, CT
(203) 797-4599

Interim Chief Geoff Herald
Wilton Fire Department
Wilton, CT
(203) 834-6247
Ms. Wendi Connolly
Human Resources Coordinator
Bristol, CT
(860) 584-6175

Assistant Chief Chris Callan
Cherry Hill Fire Department
Cherry Hill, NJ
(856) 795-9805, ext 1302

A list of public safety examinations developed and administered by RMA over the last three decades is enclosed.

Project Costs

We are accustomed to working within the limited financial resources available to local units of government and have established our fee schedule accordingly. We will perform the tasks outlined herein for the following fees:

1. Written Examinations¹

Fire Lieutenant

Base Fee	\$ 750.00
Test Booklets - 40 @ \$15.00/each	\$ 600.00
Test Administration and Scoring	\$ 750.00
Test Item Development (<i>estimated</i>) 20 @ \$25.00/question	\$ 500.00
Travel, Lodging and Meals (<i>estimated</i>)	\$ 750.00 ²
Sub-total	\$ 3,350.00

Fire Captain

Base Fee	\$ 750.00
Test Booklets - 16 @ \$15.00/each	\$ 240.00
Test Administration and Scoring	\$ 750.00
Test Item Development (<i>estimated</i>) 20 @ \$25.00/question	\$ 500.00
Travel, Lodging and Meals (<i>estimated</i>)	\$ 750.00 ³
Sub-total	\$ 2,990.00

Deputy Fire Chief

Base Fee	\$ 750.00
Test Booklets - 10 @ \$15.00/each	\$ 150.00
Test Administration and Scoring	\$ 750.00
Test Item Development (<i>estimated</i>) 20 @ \$25.00/question	\$ 500.00
Travel, Lodging and Meals (<i>estimated</i>)	\$ 750.00 ⁴
Sub-total	\$ 2,900.00

¹The costs for test booklets assume the maximum number of candidates as stated above. Costs will be reduced proportionally if the number of candidates is less than stated.

²This is an estimated amount. The City will be billed the actual amount incurred. We will practice all economy in making arrangements for these travel-related expenses.

³This is an estimated amount. The City will be billed the actual amount incurred. We will practice all economy in making arrangements for these travel-related expenses.

⁴This is an estimated amount. The City will be billed the actual amount incurred. We will practice all economy in making arrangements for these travel-related expenses.

2. Structured Oral Examinations

Fire Lieutenant

Preparation of tactical simulation and structured questions, candidate rating forms and test administration instructions	\$ 750.00
Applicant Information Booklets - 40 @ \$5.00/each	\$ 200.00
Test Administration	
Up to 10 candidates (<i>one day</i>)	\$ 1,750.00
11 to 20 candidates (<i>two days</i>)	\$ 2,500.00
21 to 30 candidates (<i>three days</i>)	\$ 3,250.00
31 to 40 candidates (<i>four days</i>)	\$ 4,000.00
Candidate Debriefings (optional)	
Up to 10 candidates	\$ 500.00
11 to 20 candidates	\$ 750.00
21 to 30 candidates	\$ 1,000.00
31 to 40 candidates	\$ 1,250.00
Travel, Lodging and Meals (<i>estimated</i>)	
Up to 10 candidates	\$ 1,750.00
11 to 20 candidates	\$ 2,000.00
21 to 30 candidates	\$ 2,250.00
31 to 40 candidates	\$ 2,500.00

Fire Captain

Preparation of tactical simulation and structured questions, candidate rating forms and test administration instructions	\$ 750.00
Applicant Information Booklets - 16 @ \$5.00/each	\$ 90.00
Test Administration	
Up to 10 candidates (<i>one day</i>)	\$ 1,750.00
11 to 16 candidates (<i>two days</i>)	\$ 2,500.00
Candidate Debriefings (optional)	
Up to 10 candidates	\$ 500.00
11 to 16 candidates	\$ 650.00
Travel, Lodging and Meals (<i>estimated</i>)	
Up to 10 candidates	\$ 1,750.00
11 to 16 candidates	\$ 2,000.00

Deputy Fire Chief

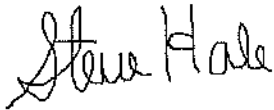
Preparation of tactical simulation and structured questions, candidate rating forms and test administration instructions	\$ 750.00
Applicant Information Booklets - 10 @ \$5.00 each	\$ 50.00
Test Administration	
Up to 10 candidates (<i>one day</i>)	\$ 1,750.00
Candidate Debriefings (optional)	
Up to 10 candidates	\$ 500.00
Travel, Lodging and Meals (<i>estimated</i>)	
Up to 10 candidates	\$ 1,750.00

City of Norwalk Purchasing Department
August 7, 2019 - page 8

Conclusion

Thank you for the opportunity to submit this proposal. We would consider it a pleasure to assist you in these important endeavors. If you have any questions about information contained in this proposal, please let me know.

Sincerely,

A handwritten signature in black ink that reads "Steve Hale". The signature is written in a cursive, slightly stylized font.

Steven W. Hale
Vice-President

Enclosures: (1) Public Safety Examination List
(2) Required Forms

RESOURCE MANAGEMENT ASSOCIATES

Public Safety Examinations

Illinois

- ★Algonquin - fire promotional
- ★Alsip - fire and police entry and promotional
- ★Barrington - police promotional
- ★Bartlett - fire entry and promotional
- ★Batavia - police entry fire and police promotional
- ★Bedford Park - police entry and fire and police promotional
- ★Belvidere - fire promotional
- ★Bensenville - fire entry
- ★Bloomington - fire and police promotional
- ★Blue Island - fire and police entry and promotional
- ★Bolingbrook - fire and police entry and promotional
- ★Bridgeview - fire and police entry and promotional
- ★Buffalo Grove - police promotional
- ★Burbank - fire and police entry and promotional
- ★Burnham - police entry and promotional
- ★Burr Ridge - police entry and promotional
- ★Calumet Park - police entry and promotional
- ★Carbondale - police promotional
- ★Carol Stream - fire and police promotional
- ★Carpentersville - police and fire promotional
- ★Cary - fire entry and police promotional
- ★Charleston - fire and police entry
- ★Chatham - fire promotional
- ★Chicago Heights - police promotional
- ★Chicago Ridge - fire and police entry and promotional
- ★Cicero - fire and police promotional
- ★Clarendon Hills - police entry and promotional
- ★Collinsville - police promotional
- ★Country Club Hills - police entry
- ★Deerfield-Bannockburn - fire entry and promotional
- ★Des Plaines - fire and police promotional

- ★Dolton - fire and police entry and promotional
- ★Downers Grove - fire and police promotional
 - ★Dundee-Rutland - fire entry
 - ★East Dundee - fire entry
- ★East Moline - fire and police promotional
- ★Elgin - fire and police promotional
- ★Evergreen Park - police entry and promotional
- ★Fairview Heights - police promotional
- ★Flossmoor - police promotional
- ★Forest View - fire and police entry and promotional
 - ★Frankfort - fire promotional
 - ★Galesburg - police promotional
- ★Geneva - fire and police entry and promotional
- ★Glencoe - fire and police promotional
- ★Gurnee - fire and police entry and fire promotional
 - ★Hanover Park - fire and police promotional
 - ★Harvey - fire promotional and police entry
 - ★Hazel Crest - fire and police promotional
 - ★Hickory Hills - police promotional
 - ★Highland Park - fire promotional
 - ★Huntley - fire promotional
- ★Iroquois County - police entry and promotional
 - ★Jacksonville - fire promotional
- ★Kane County - police entry and promotional
- ★La Grange - police entry and promotional
- ★Lake Zurich - fire promotional
- ★Lansing - fire and police entry and promotional
 - ★Lemont - fire entry and promotional
- ★Leyden Township - fire entry and promotional
 - ★Libertyville - police promotional
- ★Lincoln - fire and police entry and promotional
 - ★Lynwood - police entry and promotional
 - ★Manhattan - fire promotional
- Matteson - police entry and fire and police promotional
 - ★Maywood - fire and police promotional
- ★Melrose Park - fire and police entry and police promotional
 - ★McCook - police promotional
- ★McHenry Township - fire entry and promotional
 - ★Minooka - police promotional

- ★Mokena - fire promotional
- ★Morton Grove - police promotional
- ★Mount Prospect - fire and police promotional
- ★Normal - fire and police promotional
- ★North Aurora - fire entry and promotional
- ★North Maine - fire promotional
- ★North Palos - fire entry and promotional
- ★Northwestern University - police promotional
- ★O'Fallon - police promotional
- ★Oak Lawn - fire and police promotional
- ★Oswego - police entry and fire and police promotional
- ★Palatine - police promotional
- ★Palos - fire promotional
- ★Park Ridge - fire and police promotional
- ★Pekin - fire entry and promotional
- ★Peoria - fire and police promotional
- ★Peoria County - police promotional
- ★Peru - police promotional
- ★Riverdale - fire and police entry and police promotional
- ★River Forest - fire and police entry and promotional
- ★Riverside - police entry and promotional
- ★Roberts Park FPD - fire entry and promotional
- ★Rock Island - fire promotional
- ★Rutland-Dundee - fire promotional
- ★Sauk Village - police entry and promotional
- ★Silvis - police promotional
- ★South Elgin - fire and police entry and promotional
- ★South Holland - fire and police entry and promotional
- ★Sugar Grove - fire entry and promotional
- ★Tinley Park - fire promotional
- ★Urbana - fire and police promotional
- ★Warrenville - police promotional
- ★Wauconda - fire and police promotional
- ★West Dundee - fire and police promotional
- ★Western Springs - police promotional
- ★Wheaton - fire and police promotional
- ★Woodstock - fire promotional
- ★Worth - police entry and promotional
- ★Yorkville - police promotional

Other States

- ★Abington, Pennsylvania - police promotional
- ★Aiken, South Carolina - police promotional
- ★Annapolis, Maryland - fire and police promotional
- ★Bensalem Township, Pennsylvania - police promotional
 - ★Bolivar, Missouri - police promotional
 - ★Bonner Springs, Kansas - police promotional
 - ★Boulder, Colorado - fire promotional
 - ★Bowling Green, Kentucky - fire promotional
- ★Bridgeport, Connecticut - fire and police promotional
 - ★Bristol, Connecticut - police promotional
 - ★Brown Deer, Wisconsin - police promotional
- ★Buckingham, Pennsylvania - police promotional
- ★Cape Girardeau, Missouri - police promotional
- ★Coatesville, Pennsylvania - police promotional
- ★Commerce City, Colorado - police promotional
- ★Conshohocken, Pennsylvania - police entry and promotional
 - ★Coralville, Iowa - police promotional
 - ★Covington, Kentucky - police promotional
- ★Cranston, Rhode Island - fire and police entry and promotional
 - ★Cumberland, Maryland - fire promotional
 - ★Cumberland County, Maine - police promotional
 - ★Des Moines, Iowa - fire promotional
- ★Danbury, Connecticut - fire and police promotional
- ★Drexel Heights Fire District (Tucson), Arizona - fire promotional
 - ★East Hartford, Connecticut - fire promotional
 - ★East Lansing, Michigan - fire promotional
- ★Elizabeth City, North Carolina - fire promotional
- ★Falls Township, Pennsylvania - police promotional
- ★Franklin, Tennessee - fire and police promotional
 - ★Frederick, Maryland - police promotional
 - ★Fremont, Ohio - fire and police promotional
 - ★Gainesville, Florida - fire promotional
 - ★Gainesville, Georgia - police promotional
- ★Grand Junction, Colorado - police promotional
- ★Great Barrington, Massachusetts - police promotional
- ★Greater Brighton, Colorado FPD - fire promotional
 - ★Greenfield, Massachusetts - fire promotional
- ★Griffith, Indiana - police entry and promotional

- ★Gwinnett County, Georgia - police promotional
- ★Hampton, Virginia - fire promotional
- ★Hatboro, Pennsylvania - police promotional
- ★Hazelwood, Missouri - police promotional
- ★Henderson, Kentucky - police promotional
- ★Hilton Head Island, South Carolina - fire promotional
- ★Hoover, Alabama - fire promotional
- ★Hopkinsville, Kentucky - police promotional
- ★Hutchinson, Minnesota - police promotional
- ★Iowa City, Iowa - fire and police promotional
- ★Independence, Missouri - police promotional
- ★Jackson, Missouri - police promotional
- ★Jacksonville Beach, Florida - fire and police promotional
- ★Janesville, Wisconsin - fire promotional
- ★Johnston, Rhode Island - police promotional
- ★Joplin Missouri - police promotional
- ★Lafayette, Colorado - police promotional
- ★Leominster, Massachusetts - fire promotional
- ★Loveland, Colorado - police promotional
- ★Lower Moreland, Pennsylvania - police promotional
- ★Lynnfield, Massachusetts - police promotional
- ★Madison, Wisconsin - fire and police promotional
- ★Manitowoc County, Wisconsin - police promotional
- ★Marshall, Minnesota - police promotional
- ★Mentor, Ohio - fire and police promotional
- ★Milford, Connecticut - fire promotional
- ★Milton, Florida - fire promotional
- ★Monona, Wisconsin - police promotional
- ★Munster, Indiana - police promotional
- ★Narragansett, Rhode Island - fire promotional
- ★New Britain, Connecticut - fire promotional
- ★New Haven, Connecticut - police promotional
- ★Norristown, Pennsylvania - police promotional
- ★North Platte, Nebraska - fire promotional
- ★North Providence, Rhode Island - police promotional
- ★North Shore, Wisconsin - fire promotional
- ★Norton, Massachusetts - police promotional
- ★Norwalk, Connecticut - police and fire promotional
- ★Oak Creek, Wisconsin - fire promotional
- ★Ocala, Florida - police promotional

- ★Paducah, Kentucky - police promotional
- ★Palatka, Florida - police promotional
- ★Petersburg, Virginia - police promotional
- ★Plymouth Township, Pennsylvania - police promotional
- ★Port Clinton, Ohio - police entry and promotional
- ★Providence, Rhode Island - police entry and promotional
- ★Reading, Pennsylvania - police promotional
- ★Rhineland, Wisconsin - fire promotional
- ★Ridgefield, Connecticut - fire promotional
- ★Rockledge, Pennsylvania - police promotional
- ★Salem, Massachusetts - police promotional
- ★San Francisco, California - police promotional
- ★Shorewood, Wisconsin - fire and police promotional
- ★Solebury, Pennsylvania - police promotional
- ★South Burlington, Vermont - police promotional
- ★South Haven, Connecticut - fire promotional
- ★St. Charles, Missouri - fire promotional
- ★St. Joseph, Missouri - fire and police promotional
- ★Stamford, Connecticut - fire promotional
- ★Starkville, Mississippi - fire promotional
- ★Stratford, Connecticut - fire promotional
- ★Tallahassee, Florida - fire and police promotional
- ★Trumbull County, Ohio - police promotional
- ★Truro Township, Ohio - fire promotional
- ★Tupelo, Mississippi - fire promotional
- ★Turners Falls, Massachusetts - fire promotional
- ★Upper Moreland, Pennsylvania - police promotional
- ★Waterbury, Connecticut - fire promotional
- ★Waukesha County, Wisconsin - police promotional
- ★West Carrollton, Ohio - police promotional
- ★West Conshohocken, Pennsylvania - police promotional
- ★West Hartford, Connecticut - fire promotional
- ★West Haven, Connecticut - fire promotional
- ★West Pottsgrove, Pennsylvania - police promotional
- ★Westerly, Rhode Island - police promotional
- ★Wilton, Connecticut - fire promotional
- ★Winnebago County, Wisconsin - police promotional
- ★Wisconsin Rapids, Wisconsin - fire promotional

CITY OF NORWALK PURCHASING DEPARTMENT

2.2 STATEMENT OF QUALIFICATIONS

Please answer the following questions regarding your company's past performance. Attach a financial statement or other supportive documentation. Failure to reply to this instruction may be regarded as justification for rejecting a bid.

1. Number of years in business - 38
2. Number of personnel employed Part-time - 15, Full-time 4

3. List six contracts of this type/size your firm has completed within the last three years:

Project	Date	Contact Person	Phone No.
Danbury CT	2018	Devin J. Jurey	203-797-4599
Stratford CT	2019	Robert McGrath	203-385-4070
Bristol CT	2019	Wendy Connolly	860-584-6175
Waterbury CT	2019	Cherrie Lamb	203-574-6761
West Haven CT	2018	James O'Brien	203-937-3721
Wilton CT	2019	Geoff Herald	203-834-6247

4. ORGANIZATIONAL STRUCTURE OF BIDDER (check which applies)	☒	general partnership		
	☐	limited partnership		
	☐	limited liability corporation		
	☐	limited liability partnership,		
	☐	corporation doing business under a trade name		
	☐	individual doing business under a trade name		
	☐	other (specify)		
5. STATUS OF THE BUSINESS		Connecticut corporations - Will the	Yes	No

N/A

CITY OF NORWALK PURCHASING DEPARTMENT

AND ITS CURRENT STANDING WITH THE SECRETARY OF STATE'S OFFICE; e.g., are all required filings current and in good standing or has the entity been withdrawn or canceled	Secretary of State be able to issue a Certificate of Good Standing within 30 days of the bid opening?	.	.
	Out-of-State corporations - Do you have a valid license to do business in the State of Connecticut? (Evidence in the form of a Certificate of Authority from the Connecticut Secretary of State will be required within 30 days of the bid opening.)	Yes	No
6. Is your local organization an affiliate of a parent company? If so, Indicate the principal place of business of your company and the name of the agent for service if different from what has been indicated on the response form:			
Business Name	N/A		
Address			
City	.	State	.
Name of Agent			

N/A

NOTE: In the case of a Limited Liability Corporation or a Limited Liability Partnership a certified copy of the Articles of Organization certified as valid and in effect as of the date of the bid opening will be required within 30 days of the bid opening.

A listing of the corporate officers, in the case of a corporation; the general or managing partners, in the case of a partnership; or the managers and members in the case of either a limited liability partnership or company will be required within 30 days of the bid opening.

7. Submit the following information relative to your company's financial statements. This information must represent the current circumstance that surrounds the financial position of the bidding organization. All information should be supported with appropriate audited financials.

- a. Book Value (Total Assets () Total Liabilities)
- b. Working Capital (Current Assets () Current Liabilities)
- c. Current Ratio (Current Assets/Current Liabilities)
- d. Debt to Equity Ratio (Long Term Debt/Shareholder's Equity)
- e. Return on Assets (Net Income/Total Assets)
- f. Return on Equity (Net Income/Shareholder's Equity)
- g. Return on Invested Capital (Net Income/Long Term Debt = Shareholders' Equity)

**CITY OF NORWALK
PURCHASING DEPARTMENT**

8. SUBCONTRACTORS: If subcontractors are to be used, please list firm name, address, name of principal, and phone number on a separate sheet. Also indicate portion or section of work subcontractor will be performing.

All responses to this questionnaire are understood to be proprietary to the vendor, and will be considered confidential. Additional information may be requested subsequent to your responding to this bid request.

None

CITY OF NORWALK PURCHASING DEPARTMENT

PROPOSAL RESPONSE FORM

2.1 PRICING RESPONSE FORM – 3949 – PROMOTIONAL EXAMS – NORWALK FIRE DEPARTMENT

Firm Name - Resource Management Associates		
Address - 17730 South Oak Park Ave, Suite A, Tinley Park IL 60477		
Phone - 708 444 2326	Fax - 708 444 2844	Email - rma2500@gmail.com
Manager - Charles D. Hale		Fed ID# 36-3891120

In submitting this submittal the undersigned declares that this submission is made without any connection with any persons making another bid or the same contract; that the proposed fees are in all respects fair and without collusion, fraud or mental reservation; and that no official of the City, or any person in the employ of the City is directly or indirectly interested in said proposal or in the supplies or work to which it relates, or in any portion of the profits thereof.

The undersigned also hereby declares that he/she or they have carefully considered objectives of each task of this project, professional services, requirements and deliverables required, and are satisfied and understood that in signing this proposal all right to plead any misunderstanding regarding the same is waived.

The undersigned further understands and agrees that he/she on behalf of the submitting firm will furnish and provide all the necessary staffing, sub-consultant services, office support, and other items of whatever nature, and to do and perform all design services necessary under the aforesaid conditions, to carry out the contract and to accept in full compensation therefore the amount of the contract as agreed to by the Firm and the City.

1. Lieutenant Examination

a.	Written Exam	\$ 3,350.00
b.	Oral Exam	\$ 8,700.00
Total Sum		\$ 12,050.00

2. Captain Examination

a.	Written Exam	\$ 2,990.00
b.	Oral Exam	\$ 5,990.00
Total Sum		\$ 8,980.00

3. Deputy Chief Examination

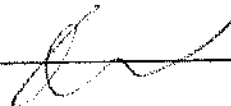
a.	Written Exam	\$ 2,900.00
b.	Oral Exam	\$ 4,800.00
Total Sum		\$ 7,700.00

CITY OF NORWALK PURCHASING DEPARTMENT

4. TOTAL COST

Total Sums from above (1-3)	\$ 28,730.00
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Completion Time -	90 Calendar days after contract signing
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Submitted By: Charles D. Hale	Signature: 
Authorized Agent of Company (name and title)	Date: 8/7/2019

The above signatory acknowledges receipt of the following addenda issued during the request for qualification solicitation period and understands that they are a part of the solicitation documents (if applicable):

Addendum #		Dated	7/22/2019	Addendum #		Dated	
Addendum #		Dated		Addendum #		Dated	

CITY OF NORWALK
PURCHASING DEPARTMENT

PROPOSER'S INFORMATION AND ACKNOWLEDGMENT FORM

Resource Management Associates
Proposer's Name

17730 S. Oak Park Ave, Suite 111
Street Address

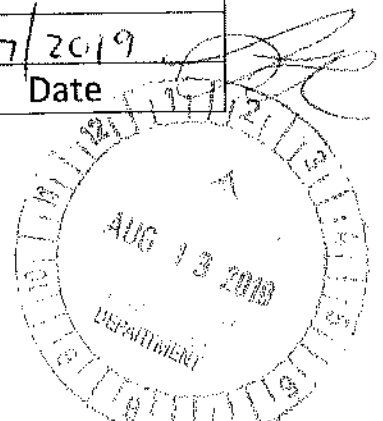
Winley Park	IL	60477
City	State	Zip

Business Telephone: 708-444-2326

Email Address: rma2500@gmail.com

Charles D Hale - President
Printed Name and Title of Individual Submitting Proposal

The undersigned acknowledges that the terms, conditions and specifications of this RFP are understood and unconditionally accepted.	
	8/7/2019
Signature	Date



CITY OF NORWALK
PURCHASING DEPARTMENT

Exceptions: Note any vendor(s) responding to this proposal shall indicate any/all exceptions (if any) taken to language in this proposal. Exceptions must be declared below in order to be considered by the City:

None



TJ. C

CITY OF NORWALK
Angela Fogel
Director Management &
Budgets

Office: 203-854-7708
125 East Avenue, PO BOX 5125
Norwalk, CT 06856-5125

MEMORANDUM

DATE: November 8, 2019

TO: Harry Rilling, Mayor
The Members of the Finance & Claims Committee
The Members of the Common Council

FROM: Angela Fogel, Director, Management and Budgets

RE: Bond Refunding

In response to falling interest rates the Finance department has negotiated a bond refunding to reduce the interest rate on \$22,000,000 of general obligation bonds previously issued.

Please authorize the attached bond resolution.

ACTION REQUESTED:

**RESOLUTION WITH RESPECT TO THE AUTHORIZATION, ISSUANCE AND
SALE OF UP TO \$22,000,000 CITY OF NORWALK GENERAL OBLIGATION
REFUNDING BONDS**

RESOLVED:

Section 1. A maximum amount of \$22,000,000 General Obligation Refunding Bonds (the "Refunding Bonds") of the City of Norwalk, Connecticut (the "City") may be issued and sold, subject to final approval by the Committee (as defined and described below), in one or more series, in such principal amounts, as the Mayor and the Chief Finance Officer shall determine to be in the best interest of the City for the purpose of achieving net present value savings and/or to moderate debt service payments. The Refunding Bonds are hereby authorized to refund all or any portion of any one or more series of the City's outstanding General Obligation Bonds (the "Refunded Bonds"). Subject to final approval by the Committee, each series of Refunding Bonds shall mature in such amounts and on such date or dates as shall be determined by the Mayor and the Chief Finance Officer, provided that no Refunding Bonds shall mature later than the final maturity date permitted by law. The Refunding Bonds shall be executed in the name and on behalf of the City by the manual or facsimile signatures of the Mayor, the Comptroller, and the Chief Finance Officer, bear the City seal or a facsimile thereof, and be approved as

to their legality by Pullman & Comley, LLC, Bond Counsel. The Refunding Bonds shall be general obligations of the City and each of the Refunding Bonds shall recite that every requirement of law relating to its issue has been duly complied with, that such bond is within every debt and other limit prescribed by law, and that the full faith and credit of the City are pledged to the payment of the principle thereof and interest thereon. The net proceeds of the sale of the Refunding Bonds, after payment of the underwriter's discount and other costs of issuance, shall be deposited in an irrevocable escrow account in an amount sufficient to pay the principal of, interest and redemption premium, if any, due on the Refunded Bonds to maturity or earlier redemption pursuant to the plan of refunding. The Mayor and the Chief Finance Officer are authorized to appoint an escrow agent and other professionals, including the certifying, paying, registrar and transfer agent for the Refunding Bonds, and to execute and deliver any and all escrow, investment and related agreements necessary to provide for any debt service or redemption payments on the Refunded Bonds and to provide for the transaction contemplated hereby. The Common Council hereby delegates to the Mayor and the Chief Finance Officer, subject to the final approval of the President of the Common Council, the Majority Leader of the Common Council, the Minority Leader of the Common Council, and the Chairman of the Finance Committee of the Common Council, or any two of them (the "Committee"), the authority to determine the number of series to be issued, the principal amount of the Refunding Bonds of each series to be issued, the annual installments of principal, redemption provisions, if any, and other terms, details and particulars of such Refunding Bonds including the rate or rates of interest payable thereon and the terms of any purchase agreement executed in connection with the sale of the Refunding Bonds in a negotiated underwriting.

Section 2. The Refunding Bonds shall be issued and sold either in a negotiated underwriting or a competitive offering, at such time or times as the Mayor and the Chief Finance Officer shall determine to be the most opportune for the City. If sold in a competitive offering, the Refunding Bonds shall be sold at not less than par and accrued interest on the basis of the lowest net or true interest cost to the City. If the Refunding Bonds are sold by negotiation, the purchase agreement shall be signed by the Mayor and the Finance Director, subject to the final approval of the Committee. The Mayor and the Chief Finance Officer, are authorized to prepare and distribute preliminary and final Official Statements of the City for use in connection with the offering and sale of any Refunding Bonds, and they are hereby authorized to execute and deliver on behalf of the City, a continuing disclosure agreement, a tax regulatory agreement, agreements moderating interest rate fluctuation pursuant to Section 7-370b subject to final approval by the Committee, and such other agreements, instruments, documents and certificates necessary or desirable for the issuance of the Refunding Bonds and the debt service or redemption payments on the Refunded Bonds.

Section 3. This resolution shall be effective until July 31, 2020.