



Ocean County Board of Commissioners

OFFICE OF THE
OCEAN COUNTY COMMISSIONERS

Director Barbara Jo Crea
Deputy Director Gary Quinn
Commissioner Virginia E. Haines
Commissioner John P. Kelly
Commissioner Frank Sadeghi

101 Hooper Avenue
Toms River, New Jersey
08754-2191
(732)929-2005
(732)505-1918

Board Meeting Agenda

Date: March 20, 2024 - 4:00 PM
Location: Administration Building
Room 119
101 Hooper Avenue
Toms River, NJ 08754

- A. CALL TO ORDER
- B. STATEMENT Compliance with the Open Public Meetings Act
- C. ROLL CALL
- D. THE PLEDGE OF ALLEGIANCE AND PRAYER
- E. PRESENTATIONS
 - 1. To the Recipients of the 19th annual New Jersey Clean Communities Awards.
- F. RESOLUTION - PUBLIC HEARING
 - 1. Accepting the recommendation of the OC Natural Lands Trust Fund Advisory Committee to accept the donation of property identified as Block 837.01, Lots 1.01, 1.02, 1.06 in Berkeley Township totaling approximately 50 acres located on Atlantic City Boulevard and authorizing the expenditure of up to \$1,000.00 in property tax adjustments.
 - 2. Accepting the recommendation of the OC Natural Lands Trust Fund Advisory Committee to acquire property identified as Block 325, Lot 22.33 in Little Egg Harbor Township totaling approximately 0.17 acres located on Radio Road, in an amount not to exceed \$70,000.00 plus up to \$350.00 in property tax adjustments.
- G. AUTHORIZING THE PAYMENT OF BILLS IN BILL COMMITTEE REPORT NO. 6.

H. RESOLUTIONS

1. Authorizing the Personnel Resolution.
2. Honoring Michael T. Mangum as he retires from 50 years of dedicated service to Ocean County.
3. Opposing the New Jersey State Aid funding cuts to Ocean County College.
4. Opposing the New Jersey State Aid funding cuts to various Ocean County school districts.
5. Authorizing transfers between appropriation account reserves.
6. Authorizing the acceptance of grant funding for the 2024 Comprehensive County Youth Services Plan, in the amount of \$991,786.00, for the period of 1/1/2024 through 12/31/2024.
7. Authorizing the submission of a No-Cost Extension of Time for the NJ Department of Environmental Protection, Division of Water Monitoring and Standards, Bureau of Environmental Analysis, Restoration and Standards FY 2018 Water Quality Restoration Grant with the Sheriff's Office, for the period through 9/5/2024.
8. Authorizing the execution of two (2) Memorandums of Understanding with participating agencies for the State Homeland Security Grant FY23.
9. Authorizing an Intergovernmental Agreement with the Township of Long Beach to provide Schedule "C" Road Department services, in an amount not to exceed \$486,000.00 and Schedule "C" Engineering Department services, in an amount not to exceed \$27,200.00, contingent upon adoption of the 2024 County Budget, for the period of 1/1/2024 through 12/31/2024.
10. Authorizing an Intergovernmental Agreement with the Township of Ocean to provide Schedule "C" Road Department services, in an amount not to exceed \$60,000.00, contingent upon adoption of the 2024 County Budget, for the period of 1/1/2024 through 12/31/2024.
11. Authorizing a Shared Services Agreement with Cape May County for the housing of short term commitment status juveniles, for the period of 1/1/2024 through 12/31/2024.
12. Authorizing the execution of an Agreement with Jersey Central Power & Light to perform a load study for the new building located at 100 Hooper Avenue, Township of Toms River.
13. Amending a Resolution adopted on 10/20/2021 authorizing, in the event of the absence of the Clerk of the Board, the Deputy Clerk of the Board the authority and powers of the Clerk of the Board, to reflect a name change.
14. Authorizing the execution of an Agreement with Yeshiva Chemdas Hatorah to provide improvements to Cross Street along the frontage of Block 440, Lots 7.02, 56 and 60, Lakewood Township.
15. Authorizing the Release of Bonds for Road Opening Permits.

I. MOTIONS

1. Authorizing the Clerk of the Board to accept and/or record legal instruments.
2. Approving the Pre-Board Meeting Minutes of 2/14/2024.
3. Approving the Pre-Board Meeting Minutes of 2/28/2024.
4. Approving the Board Meeting Minutes of 2/7/2024.
5. Approving the Board Meeting Minutes of 2/21/2024.
6. Approving the distribution of Requests for Qualifications and/or Requests for Proposals, as follows: 1) Preservation Architectural Consulting Services; 2) Architectural Design Services for Various Projects in Ocean County; 3) Forestry Consulting Services; and 4) Multi-Media Advertising Platforms to Market Tourism.
7. Approving the Master Payroll paid on 3/13/2024 for the payroll period of 2/15/2024 through 2/28/2024, with Elected Officials paid to date, in the amount of \$6,324,948.25.
8. Approving the plans and specifications and authorizing the County Engineer to advertise for the receipt of bids for the Construction of Barnegat Branch Trail Phase IX, No. II, Admiral Avenue to S. Main Street and Herflicker Boulevard, Beachwood and South Toms River Boroughs.
9. Authorizing the Vacation of one existing Drainage Easement in accordance with an Agreement between the County of Ocean and Yeshiva Chemdas Hatorah as it relates to Block 440, part of existing Lots 56 and 60, Lakewood Township.

J. TRAFFIC SAFETY IMPROVEMENTS

1. Authorizing the revision of the Traffic Signal at the intersection of County Road #4 (Washington Street) and Whittier Avenue and Brookside Drive, Township of Toms River. (DVR-5)
2. Authorizing the revision of the Traffic Signal at the intersection of County Road #4 (Washington Street) and County Road #38 (Clifton Avenue) and Point O' Woods Drive, Township of Toms River. (DVR-6)
3. Authorizing the revision of the Traffic Signal at the intersection of County Road #17 (Route 527-Whitesville Road) and County Road #16 (Route 622-Cox Cro Road) and Warner Street, Township of Toms River. (DVR-61)
4. Authorizing the revision of the Traffic Signal at the intersection of County Road #16 (Route 622-Cox Cro Road) and County Road #81 (Route 637/Massachusetts Avenue), Township of Toms River. (DVR-62)
5. Authorizing the revision of the Traffic Signal at the intersection of County Road #16 (Route 622-Cox Cro Road) and Ticonderoga Drive and Rio Grande Drive, Township of Toms River. (DVR-82)
6. Authorizing the revision of the Traffic Signal at the intersection of County Road #17 (Route 527-Whitesville Road) and Riverwood Drive (DVR-83), Township of Toms River.

7. Authorizing the revision of the Traffic Signal at the intersection of County Road #17 (Route 527-Whitesville Road) and County Road #66 (Stevens Road), Township of Toms River. (DVR-84)
8. Authorizing the revision of the Traffic Signal at the intersection of County Road #93 (Route 623-New Hampshire Avenue) and County Road #83 (Locust Street), Township of Lakewood. (LKWD-28)
9. Authorizing the revision of the Traffic Signal at the intersection of County Road #10 (Route 628-Prospect Street) and County Road #81 (Route 637/Massachusetts Avenue) and Excel Place, Township of Lakewood. (LKWD-50)
10. Authorizing the revision of the Traffic Signal at the intersection of County Road #9 (Route 526-West County Line Road) and Brookwood Parkway, Township of Lakewood. (LKWD-74)
11. Authorizing the revision of the Traffic Signal at the intersection of County Road #55 (Route 530-Pinewald-Keswick Road) and Congasia Road, Township of Manchester. (MAN-19)

K. BID AWARDS

1. Awarding a Contract for the furnishing and delivery of SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II to National Highway Products, Inc., the sole qualified bidder. (B2024-44)
2. Awarding a Contract for the furnishing and delivery of IRRIGATION SYSTEMS WINTERIZATION AND REPAIRS to Jersey Shore Lawn Sprinkler Construction Company, Inc., the lowest qualified bidder. (B2024-47)
3. Awarding a Contract for the RECONSTRUCTION OF THE MANCHESTER AVENUE (C.R. 10) AND WESTERN BOULEVARD (C.R. 85)/HAINES STREET SIGNALIZED INTERSECTION, TOWNSHIP OF LACEY to South State, Inc., the lowest qualified bidder, in the amount of \$797,000.00. (B2024-40E)

L. CHANGE ORDERS

1. INSITUFORM TECHNOLOGIES, LLC - Stormwater Management Contract 2022A, Various Townships, O.C.- Change Order #3, E-\$2,004.00, R-\$0.00. (B2022-70E)

M. CONTRACTS

1. Awarding a Professional Services Contract to Mott MacDonald, LLC to provide Professional Engineering Services - Solid Waste Management and Recycling, in an estimated amount of \$357,000.00, for the period of 3/20/2024 through 3/19/2025. (QP2024-58)
2. Amending the Professional Services Contract awarded to Dilworth Paxson LLP to provide Specialized Legal Services in connection with the authorization and issuance of Bond or Notes of the County of Ocean, to reflect the 2024 Fee Schedule. (QP2024-07)

3. Amending the award of a Competitive Contract to Bright Harbor Healthcare to provide additional Behavioral Health Services, an increase to the contract for 2024 services, in an amount not to exceed \$40,000.00. (CC2023-152)
4. Amending the award of a Purchase Order to Stantec Consulting Services, Inc. to provide additional On-Call Traffic Engineering Professional Services for the Ocean County Transportation Model Update, an increase to the contract in an amount not to exceed \$10,095.76. (QP2023-50)
5. Awarding a Professional Services Contract to Marchetti Bros., LLC, to provide Control System Engineering Services for Ocean County Movable Bridges, in an amount not to exceed \$126,655.80, for the period of 3/18/2024 through 3/17/2025. (PP2024-57)

N. APPOINTMENTS AND REAPPOINTMENTS

1. Appointing Debbie Beyman, Lakewood as a member for a term of three (3) years, term to expire 3/19/2027 and Matthew Lotano, Toms River as an alternate member to fill the unexpired term of Debbie Beyman, term to expire 12/31/2024, both to the OC PLANNING BOARD.
2. Appointing Robert Scott, Toms River as a member of the OC TRANSPORTATION ADVISORY COMMITTEE FOR SENIOR CITIZENS AND PERSONS WITH DISABILITIES to fill the unexpired term of Megan O'Keefe, term to expire 10/23/2026.
3. Reappointing Dr. Albert Fernandez, Toms River; Duane Grembowicz, Toms River; Robin Kuri, Toms River; and Jean Mutone, Toms River as members of the CATTUS ISLAND COUNTY PARK ADVISORY COUNCIL for a term of three (3) years, term to expire 3/31/2027.
4. Reappointing Robert E. Stone, Jr., Toms River as a member of the OC CONSTRUCTION BOARD OF APPEALS for a term of four (4) years, term to expire 3/31/2028.
5. Reappointing Maurice B. Hill, Jr., Toms River; John J. Mallon, Pine Beach; and Henry Mancini, Manahawkin as members of the OC BOARD OF HEALTH for a term of three (3) years, term to expire 3/23/2027.
6. Reappointing Barbara Jo Crea, Little Egg Harbor as a member of the OC MOSQUITO EXTERMINATION COMMISSION for a term of three (3) years, term to expire 3/31/2027.
7. Reappointing Greg Myhre, Manahawkin as a member of the OC NATURAL LANDS TRUST FUND ADVISORY COMMITTEE for a term of three (3) years, term to expire 2/18/2027.
8. Appointing Mary Jane Bavais to the position of Director, OC Parks and Recreation Department for a term of three (3) years, commencing 4/1/2024.

O. RECEIVED ITEMS

P. RESOLUTIONS FROM GOVERNING BODIES

1. OC Board of Health, Resolution No. 75(24) recommending the reappointments to the Local Advisory Committee on Alcoholism and Drug Abuse (LACADA).
2. Township of Little Egg Harbor, Resolution No. 2024-079 opposing Assembly Bill A-4/Senate Bill S-50 on Affordable Housing.

Q. MINUTES AND MEETING NOTICES

1. OC Tourism & Business Advisory Council Meeting Minutes of 11/13/2023.
2. OC Board of Health Meeting Minutes of 2/7/2024.
3. OC Planning Board Meeting Minutes of 2/21/2024.
4. OC Shade Tree Commission Meeting Minutes of 1/11/2024.
5. OC Mental Health Board Meeting Minutes of 2/12/2024.
6. OC Mosquito Extermination Commission Meeting Minutes of 2/26/2024.
7. OC Transportation Advisory Committee for Senior Citizens and Persons with Disabilities Mini-Grant-Sub-Committee Meeting Minutes of 3/14/2024.
8. OC Transportation Advisory Committee for Senior Citizens and Persons with Disabilities Advisory Committee, 5/16/2024 Meeting Notice.

R. REPORTS

1. Ocean County 2024 Equalization Table.

S. CORRESPONDENCE

1. Notice of Filing and Public Hearing in the matter of the petition of New Jersey-American Water Company, Inc. for approval to change the levels of its Purchased Water Adjustment Clause and Purchase Wastewater Treatment Clause, BPU Docket No. WR23110791.
2. Township of Little Egg Harbor, Proclamation dated March 14, 2024 proclaiming the month of March 2024 as a month celebrating the Meals on Wheels Senior Nutrition Programs.
3. Notice of Filing and Public Hearing in the matter of the petition of Jersey Central Power & Light Company for approval of a Zero Emission Certificate Recovery Charge, BPU Docket No. EO24010054.
4. Notice of Public Hearing on Manchester Township Ordinance 24-02.

T. COMMISSIONER COMMENTS

- U. PUBLIC COMMENTS - "Comments from members of the audience are invited at this time with a time limit of five (5) minutes per speaker."

V. ADJOURNMENT

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

RESOLUTION

March 20, 2024

WHEREAS, the voters of Ocean County authorized the Ocean County Natural Lands Trust Fund to provide funds for the acquisition and preservation of natural lands, open spaces and farmland; and

WHEREAS, the Ocean County Natural Lands Trust Fund Advisory Committee was established by the Board of Commissioners to review nominations to the program and forward recommendations for acquisition to the Board of Commissioners; and

WHEREAS, the Natural Lands Trust Fund Advisory Committee has received an offer for donation from the Township of Berkeley for property identified as Block 837.01, Lots 1.01, 1.02, 1.06 in the Township of Berkeley totaling approximately 50 acres located on Atlantic City Boulevard; and

WHEREAS, the Natural Lands Trust Fund Advisory Committee has determined that all properties' attributes are consistent with the Ocean County Open Space Plan and Recreation Inventory.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:

1. It accepts the recommendation of the Ocean County Natural Lands Trust Fund Advisory Committee to accept the donation of property identified as Block 837.01, Lots 1.01, 1.02, 1.06 in the Township of Berkeley totaling approximately 50 acres located on Atlantic City Boulevard.
2. It authorizes the expenditure of up to \$1,000.00 for property tax adjustments as necessary from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.

BE IT FURTHER RESOLVED THAT

1. The proper officers of the Board are authorized and directed to sign all necessary documents in order to effectuate these purchases.
2. The purchase of the property is to be contingent upon the County's acquisition by purchase, deed or gift of the necessary rights-of-way along any County roads bordering the property as determined by the County Engineer.
3. The offices of Ocean County Counsel and County Administrative staff are hereby authorized to take all actions necessary to consummate this transaction and have the fully executed Deeds or Easements recorded in the County Clerk's Office.
4. The Township of Berkeley has supported acquisition of this property by ordinance #24-01-OA.
5. Copies of this Resolution shall be made available to the Ocean County Administrator, Planning Department, Finance Department, County Auditor; County Counsel; County Natural Lands Trust Fund Advisory Committee; the Township of Berkeley; and the landowner.

RESOLUTION

March 20, 2024

WHEREAS, the voters of Ocean County authorized the Ocean County Natural Lands Trust Fund to provide funds for the acquisition and preservation of natural lands, open spaces and farmland; and

WHEREAS, the Ocean County Natural Lands Trust Fund Advisory Committee was established by the Board of Commissioners to review nominations to the program and forward recommendations for acquisition to the Board of Commissioners; and

WHEREAS, the Natural Lands Trust Fund Advisory Committee has received a nomination for the acquisition of property identified as Block 325, Lot 22.33 in the Township of Little Egg Harbor totaling approximately 0.17 acres located on Radio Road; and

WHEREAS, one (1) professional appraisal was authorized to determine the fair market value; and

WHEREAS, the Natural Lands Trust Fund Advisory Committee has determined the property's attributes are consistent with the Ocean County Open Space Plan and Recreation Inventory; and

WHEREAS, the County of Ocean would acquire the property for a purchase price not to exceed \$70,000.00; and

WHEREAS, a public hearing on the proposed acquisition was conducted by the Board of Commissioners on March 20, 2024 as required by PL 1997, c24.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. It accepts the recommendation of the Ocean County Natural Lands Trust Fund Advisory Committee to acquire property identified as Block 325, Lot 22.33 in the Township of Little Egg Harbor totaling approximately 0.17 acres located on Radio Road.
2. It authorizes the expenditure for an acquisition price not to exceed \$70,000.00 plus up to \$350.00 for property tax adjustments as necessary from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.

BE IT FURTHER RESOLVED THAT:

1. The proper officers of the Board are authorized and directed to sign all necessary documents in order to effectuate these purchases.
2. The purchase of the property is to be contingent upon the County's acquisition by purchase, deed or gift of the necessary rights-of-way along any County roads bordering the property as determined by the County Engineer.
3. The offices of Ocean County Counsel and County Administrative staff are hereby authorized to take all actions necessary to consummate this transaction and have the fully executed Deeds or Easements recorded in the County Clerk's Office.
4. The Township of Little Egg Harbor has supported acquisition of this property by resolution.
5. Copies of this Resolution shall be made available to the Ocean County Administrator, Planning Department, Finance Department, County Auditor; County Counsel; County Natural Lands Trust Fund Advisory Committee; the Township of Little Egg Harbor; and the landowner.

BILL COMMITTEE REPORT
COUNTY OF OCEAN
SUMMARY OF VOUCHERS

SUMMARY OF BILLS

CERTIFICATE #6

MASTER VOUCHER-CERTIFICATE FOR CERTIFICATION OF PAYMENT

I, THE UNDERSIGNED, DIRECTOR OF THE DEPARTMENT OF ADMINISTRATION
HAVE EXAMINED THE VOUCHERS SUBMITTED HERE WITHIN FOR THE PURPOSE
OF RECOMMENDING TO THE OCEAN COUNTY BOARD OF COMMISSIONERS
PAYMENT THEREOF ON 03/20/2024.

I, HEREBY CERTIFY THESE VOUCHERS, IN THE TOTAL AMOUNT OF \$15,177,364.84
WHICH ARE CONTAINED IN THE ATTACHED REPORT, TO BE VALID CLAIMS, AND I
RECOMMEND APPROVAL AND PAYMENT THEREOF.

GARY QUINN
DEPUTY DIRECTOR

APPROVED

JOHN P. KELLY
COMMISSIONER

BARBARA JO CREA
DIRECTOR

VIRGINIA E. HAINES
COMMISSIONER

ORDERED PAID

FRANK SADEGHI
COMMISSIONER

MICHELLE I. GUNTHER
CLERK OF THE BOARD
BOARD OF COMMISSIONERS

R E S O L U T I O N

March 20, 2024

NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN THAT THE DIRECTOR IS HEREBY AUTHORIZED AND INSTRUCTED TO EXECUTE MASTER VOUCHER-CERTIFICATE #6 FOR CERTIFICATION OF SAID MASTER VOUCHER CONSISTING OF 90 PAGES WITH VOUCHERS TOTALING IN THE AMOUNT OF \$15,177,364.84 WHICH ARE DEEMED TO BE VALID CLAIMS AS RECOMMENDED BY THE DIRECTOR OF THE DEPARTMENT OF ADMINISTRATION

BE IT FURTHER RESOLVED THAT THE COMPTROLLER OF THE COUNTY OF OCEAN IS HEREBY AUTHORIZED AND DIRECTED TO PAY EACH AND EVERY ONE OF THE AFORESAID BILLS ATTACHED TO THIS MASTER VOUCHER-CERTIFICATE AND, UPON EXECUTION OF SAME BY SAID DIRECTOR, IF AND WHEN FUNDS ARE AVAILABLE.

**No Associated
Documents**

**No Associated
Documents**



Resolution
County of Ocean
Board of Commissioners

Administration Building
Toms River, New Jersey

March 20, 2024

WHEREAS, for more than five decades, **MICHAEL T. MANGUM** has served the residents of Ocean County with great pride, dedication and professionalism; and

WHEREAS, **MICHAEL T. MANGUM** started his career with Ocean County in 1978 as a summer employee with the Road Department before moving to the Department of Parks and Recreation on October 31, 1977 as a Park Naturalist and holding the following titles: Senior Park Naturalist, 1982; Principal Park Naturalist, 1985; Chief Naturalist, 1988; Recreation Division Director, 1998; Interim Assistant Director, December 20, 2001; and Assistant Director, July 16, 2003. He was appointed Director of Parks and Recreation on September 17, 2003, starting his 20 year plus tenure in that leadership role; and

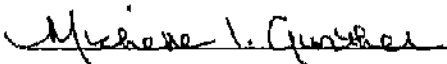
WHEREAS, as the longest serving Director of the Ocean County Department of Parks and Recreation, **MICHAEL T. MANGUM** has helped foster the growth of the parks system while being an environmental steward of more than 4,000 acres that make up 27 parks maintained and operated by Ocean County, along with 30,000 acres of preserved open space under the County's Natural Lands Trust Fund program; and


WHEREAS, **MICHAEL T. MANGUM'S** list of accomplishments include overseeing the opening of Freedom Fields County Park, the extensive renovations of Cedar Bridge Tavern in Barnegat Township, Wells Mills County Park Visitor Center and the Cooper Environmental Center at Catus Island County Park, the rebuilding of the John C. Bartlett, Jr. County Park at Berkeley Island, planning for a new regional park in Manchester Township, and so much more; and

WHEREAS, **MICHAEL T. MANGUM'S** record of achievement has helped build and maintain a solid and enduring foundation of the Ocean County Department of Parks and Recreation and its Cultural and Heritage Division. His love for history, protecting and preserving open space and nurturing a growing park system that offers something for everyone are the milestones of an unparalleled career and a magnificent legacy.

NOW, THEREFORE, BE IT RESOLVED that the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** extends its deepest gratitude to **MICHAEL T. MANGUM** as he retires, leaving indelible contributions that will endure forever; and further offers best wishes for health and happiness as he begins a new chapter spending time with his children enjoying the rewards of his dedicated work.

Attest:


Michelle I. Gunther
Clerk of the Board


Barbara Jo Crea, Director


Gary Quinn, Deputy Director


Virginia E. Haines, Commissioner


John P. Kelly, Commissioner


Frank Sadeghi, Commissioner

RESOLUTION

March 20, 2024

WHEREAS, the State of New Jersey proposes a \$20 million cut to 18 county colleges throughout New Jersey; and

WHEREAS, Ocean County College could see a \$1,211,866 reduction in state aid for the 2024-2025 school year; and

WHEREAS, such a substantial cut would severely hamper OCC's ability to serve its student body effectively and provide accessible education and vital support services to all students; and

WHEREAS, such a reduction in aid could lead to higher tuition costs and place a greater financial burden on students; and

WHEREAS, the college could be forced to cut some vital programs and student support services, leaving students with fewer resources and opportunities to thrive; and

WHEREAS, job losses among faculty and staff could occur, leading to larger class sizes, decreased student-faculty interaction, and diminished academic support; and

WHEREAS, funding for Ocean County College, the first community college to open in the state of New Jersey is derived from student tuition, an appropriation from the Ocean County Board of Commissioners and the state of New Jersey; and

WHEREAS, the Board of Commissioners is expected to appropriate more than \$18 million to Ocean County College in 2024; and

WHEREAS, the State of New Jersey only provides about 20 percent of the funding for community colleges even before this additional decrease, putting it among the top five most underfunded systems in the nation. The State of New Jersey has never met its funding obligation to Ocean County College.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY strongly urges Governor Murphy and the state Legislature reconsider the proposed reductions to the state's vital community colleges and move toward providing the full 20 percent of the funding as continued support and investment in higher education are crucial.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be forwarded to Governor Phil Murphy, State Secretary of Higher Education Dr. Brian Bridges, the 9th, 10th, 12th and 30th Legislative District Offices, Ocean County College President Dr. Pamela Monaco and the New Jersey Council of County Colleges.

RESOLUTION

March 20, 2024

WHEREAS, the State of New Jersey has proposed over \$100 million in school aid cuts to districts throughout New Jersey; and

WHEREAS, many Ocean County school districts have once again had their state aid reduced by the state Department of Education for the 2024-25 school year; and

WHEREAS, Ocean County school systems could see a combined reduction of over \$17 million dollars; and

WHEREAS, the current school funding formula unfairly treats suburban school districts while favoring urban districts; and

WHEREAS, changes in school operations have also resulted in operational costs not factored into the current school funding formula such as school security; and

WHEREAS, seventeen (17) out of twenty-nine (29) public school districts in Ocean County will see their state aid reduced in the coming year; and

WHEREAS, some of the largest reductions impact Jackson Township, which will lose \$4,459,769; Lacey Township, which will lose \$3,205,902; Toms River Regional Schools, which will lose \$2,798,243; Pinelands Regional, which will lose \$1,980,813; Barnegat Township schools, which will lose \$1,964,903; and Little Egg Harbor schools, which will lose \$1,562,692; and

WHEREAS, these cuts will negatively impact both the education of our students and the amount of local money taxpayers will be asked to pay for schools in the coming year; and

WHEREAS, these 17 impacted school districts may be forced to cut important educational and extracurricular programs due to a lack of funds; and

WHEREAS, the State has created an atmosphere of volatility and unpredictability for the school districts, students and taxpayers of Ocean County.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY strongly urges Governor Murphy and the state Legislature and the Department of Education to revise the school funding formula and provide fair and balanced funding to all New Jersey School Districts.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be forwarded to Governor Phil Murphy, the 9th, 10th, 12th and 30th Legislative District Offices, and the following school districts: Barnegat, Bay Head, Brick, Central Regional, Eagleswood, Jackson, Lacey, Little Egg Harbor, Ocean Gate, Ocean, Pinelands Regional, Point Pleasant Beach, Seaside Heights, Seaside Park, Stafford, Toms River Regional and Tuckerton.

RESOLUTION

March 20, 2024

WHEREAS, N.J.S.A. 40A:4-59 provides for making transfers between Budget Appropriations Account Reserves during the first three (3) months of any fiscal year; and

WHEREAS, the date of this Resolution is within the first three (3) months of calendar year 2024.

NOW, THEREFORE, BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN**, (not less than two-thirds of all members affirmatively concurring) that the following transfers be and the same are hereby approved between the Appropriation Account Reserves within the 2023 Budget:

TRANSFER FROM:

<u>ACCOUNT NO.</u>	<u>ACCOUNT NAME</u>		<u>AMOUNT</u>
016-005-4004	County Administrator	S/W	40,000.00
016-010-4005	Management and Budget	S/W	80,000.00
016-015-4013	Department of Finance	S/W	150,000.00
016-015-6840	Contrib/F.I.C.A. (Soc. Sec.)	O/E	240,000.00
016-015-6844	NJ Temp Disability Insurance	O/E	380,000.00
016-040-4014	Clerk of the Board	S/W	60,000.00
016-040-4044	Postage	O/E	260,000.00
016-070-4030	Buildings and Grounds	S/W	100,000.00
016-070-5677	Electricity	O/E	720,000.00
016-085-4046	Office of Info. Technology	S/W	150,000.00
016-090-4054	Printing and Graphic Arts	S/W	40,000.00
016-114-5023	Fire & First Aid Training Cntr	S/W	55,000.00
016-117-4409	Office of the Fire Marshal	S/W	75,000.00
016-175-5667	Gasoline	O/E	100,000.00
016-135-4424	Dist Election Board Members	O/E	100,000.00
016-155-4436	Planning Board	S/W	150,000.00
016-160-4438	Consumer Affairs	S/W	50,000.00
016-175-4605	Vehicle Services	S/W	200,000.00
016-185-4614	Engineers	S/W	300,000.00
016-190-4620	Transportation Services	S/W	150,000.00
016-200-4802	Department of Corrections	S/W	800,000.00
016-200-4803	Corrections-Healthcare Svc	O/E	200,000.00
016-200-4806	Corrections Food	O/E	400,000.00
016-210-5056	Juvenile Services	S/W	100,000.00
016-215-5058	Senior Services	S/W	200,000.00
016-215-5097	Div Aging-SDC Reimb	O/E	150,000.00
016-250-5402	County Parks	S/W	400,000.00
016-286-4414	County Medical Examiner	S/W	150,000.00
TOTAL			<u>\$5,800,000.00</u>

RESOLUTION (continued)
Page 2
March 20, 2024

TRANSFER TO:

<u>ACCOUNT NO.</u>	<u>ACCOUNT NAME</u>		<u>AMOUNT</u>
016-115-4402	Office of the Sheriff	S/W	300,000.00
016-015-4618	Beach Erosion	O/E	3,000,000.00
016-170-4604	County Funds-Roads	O/E	400,000.00
016-170-4604	County Funds-Roads	S/W	100,000.00
016-080-4060	Workmans Comp Trust	O/E	<u>2,000,000.00</u>
TOTAL			<u>\$5,800,000.00</u>

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor and Chief Financial Officer.

RESOLUTION (continued)
Page 3
March 20, 2024

NOTES:

<u>LINE ITEM</u>		<u>AMOUNT</u>	<u>REMARKS</u>
Office of the Sheriff 4402	S/W	\$300,000.00	Retroactive S/W
Beach Erosion 4618	O/E	\$3,000,000.00	Fund Beach Projects
County Funds – Roads 4604	O/E	\$400,000.00	Fund Storm Trust Account
County Funds – Roads 4604	S/W	\$100,000.00	Retroactive S/W and Fund Storm Trust Account
Workmans Comp Trust 4060	O/E	\$2,000,000.00	Fund Trust Account

RESOLUTION

March 20, 2024

WHEREAS, the Department of Juvenile Services, Ocean County Youth Services Commission has received notice from the New Jersey Juvenile Justice Commission to submit a Comprehensive County Youth Services Plan to apply for January 1, 2024 – December 31, 2024 funds; and

WHEREAS, the notice for funding from the JJC Comprehensive County Funding which includes the State/Community Partnership Program, the Family Court Services Program, has been received; and

WHEREAS, these funds shall be allocated for the purpose of providing services for the Department of Juvenile Services, Youth Services Commission, for the period of January 1, 2024 through December 31, 2024 in the amounts of:

State/Community Partnership Program Grant

Program Services Funds: SCP-24-PS-15 \$562,994.00

Program Management Funds: SCP-24-PM-15 \$90,000.00

Award Total: \$652,994.00

Family Court Services Program Grant

Program Services: FC-24-15 \$200,164.00

Family Crisis Intervention Unit: FCIU-24-15 \$138,628.00

Award Total: \$338,792.00

Comprehensive Funding Grant Total: \$991,786.00

NOW, THEREFORE, BE IT RESOLVED BY THE, BOARD OF COMMISSONERS, COUNTY OF OCEAN, STATE OF NEW JERSEY, that the Director and Clerk of the Board are hereby authorized and directed to accept the CY 2024 Comprehensive County Funding Allocation from the New Jersey Department of Law and Public Safety, Juvenile Justice Commission.

BE IT FURTHER RESOLVED that the Director and Clerk of the Board are authorized and directed to execute any necessary subsequent related documents.

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the NJ Juvenile Justice Commission, County Administrator, County Department of Finance, County Auditor, County Department of Juvenile Services, and the Ocean County Youth Services Commission Administrator.

RESOLUTION

March 20, 2024

WHEREAS, the Ocean County Sheriff's Office received notification from the State of New Jersey, Department of Environmental Protection, Division of Water Monitoring and Standards, Bureau of Environmental Analysis, Restoration and Standards of the availability of funds under FY2018 Barnegat Bay Watershed; and

WHEREAS, on August 15, 2018 the Ocean County Board of Chosen Freeholders adopted a Resolution that authorized the Sheriff's Office to submit an application for the FY2018 Water Quality Restoration Grant; and

WHEREAS, on March 20, 2019 the Ocean Board of Chosen Freeholders adopted a Resolution to amend the original application to include modifications requested by the NJDEP; and

WHEREAS, the fully executed grant agreement received on November 10, 2020 reflected a grant period of March 6, 2020 through March 5, 2023; and

WHEREAS, on February 21, 2024 the Ocean County Board of Commissioners adopted a resolution to accept two (2) no-cost extensions to reflect an amended grant period of March 6, 2020 through March 5, 2024; and

WHEREAS, the Ocean County Sheriff's Office wishes to request a third (3rd) no-cost extension to the grant period for an additional six (6) months through September 5, 2024; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director, the Clerk of the Board and the Ocean County Sheriff's Office are hereby authorized and directed to submit a request for an additional six (6) month no-cost extension for the continued implementation of FY2018 Water Quality Restoration Grant.
2. The Director, the Clerk of the Board and other proper officers of the Board are hereby authorized and directed to execute any necessary subsequent related documents.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to County Counsel, County Auditor, County Department of Finance, County Sheriff's Office and the State of New Jersey, Department of Environmental Protection, Division of Water Monitoring and Standards, Bureau of Environmental Analysis, Restoration and Standards Department of Environmental Protection.

RESOLUTION

March 20, 2024

WHEREAS, the County of Ocean has created and established a program to Assist Local Government Units by the sharing of services and State aid in the form of grants; and

WHEREAS, the Ocean County Sheriff's Department has been a forerunner in the implementation of the State Homeland Security Grant FY23, which is a federally funded program and is mandated by the State of New Jersey; for the purpose of enhancing the County's ability to prevent, detect, deter, respond to and recover from threats and acts of terrorism.

NOW, THEREFORE, BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. Participating Agencies and Municipalities of Ocean County will enter into Memorandum of Understandings as outlined in the State Homeland Security Grant FY23.
2. A copy of said Memorandum of Understandings will be kept on file within the Office of the Clerk of the Board.
3. The Agencies and Municipalities of Ocean County participating in the grant program are listed on Annex A attached to this Resolution.

BE IT FURTHER RESOLVED, that the Director and Clerk of the Board are authorized and directed to execute any necessary subsequent related documents.

BE IT FURTHER RESOLVED, that certified copies of this Resolution shall be made available to the Sheriff's Department, County Auditor, Department of Finance, and the attached listing of participating Agencies and Municipalities of Ocean County.

ANNEX A

2023 STATE HOMELAND SECURITY GRANT

JOINT BOARD OF FIRE COMMISSIONERS, TOWNSHIP OF BRICK	\$10,000.00
--	-------------

TOMS RIVER TOWNSHIP FIRE DISTRICT NO. 1	\$10,000.00
---	-------------

RESOLUTION

March 20, 2024

WHEREAS, the County of Ocean has created and established a program to assist Local Governmental Units in the repair and maintenance of their streets and property in addition to providing certain materials and supplies in connection therewith: and

WHEREAS, the **Township of Long Beach** has requested the County to provide certain repair, maintenance services, road overlay, sweeping disposal materials and supplies, not to exceed the sum of \$513,200.00 to be disbursed as follows:

Road Department	\$486,000.00
Engineering Department	\$ 27,200.00

WHEREAS, the **Township of Long Beach** wishes to enter into an Agreement with the County for the provision of these services:

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the **Township of Long Beach** for the provisions of certain repair, maintenance, road overlay, sweeping disposal, materials and supplies, as more specifically set forth in the Agreement.

2. This Agreement shall take effect upon full execution by the parties and shall remain in full force and effect through January 1, 2024 to December 31, 2024.

3. Sufficient funds are available pending adoption of the 2023 County Budget and State Approval of subsequent budget modifications under an appropriation entitled "Municipal Road Work, Schedule "C" –Roads account #016-170-4632 and Engineering account #016-185-4633.

4. A copy of said Agreement shall be kept on file and available for public inspection in the office of the Clerk of the Board.

5. Certified copies of this Resolution shall be made available to Township of Long Beach, the Department of Finance, County Auditor, Ocean County Road Department, and Engineering Department.

RESOLUTION 24-0205.08(c)

**AUTHORIZING EXECUTION OF A SHARED SERVICE AGREEMENT WITH THE
COUNTY OF OCEAN FOR VARIOUS SERVICES UNDER "SCHEDULE C"**

WHEREAS, the Shared Services Act, N.J.S.A. 40A:65-1 et seq. authorizes the Township of Long Beach to enter into a contract for the provision of certain governmental services with the County of Ocean; and

WHEREAS, the Shared Services Act, N.J.S.A. 40A:65-1 et seq. requires such contracts be authorized by resolution of the Governing Body; and

WHEREAS, the County of Ocean has created and established a program to assist municipalities and governmental agencies in the repair and maintenance of municipal streets and property in addition to providing certain materials and supplies in connection therewith; and

WHEREAS, the Governing Body of the Township of Long Beach has requested the County to provide certain various services on certain municipal streets and property within the municipality at a cost not to exceed \$513,200.00; and

WHEREAS, the Township of Long Beach wishes to enter into an agreement with the County of Ocean for the provision of services, materials, and equipment as set forth in Schedule "C" attached hereto.

NOW, THEREFORE, BE IT RESOLVED by the Governing Body of the Township of Long Beach in the County of Ocean, State of New Jersey, as follows:

1. The Commissioner of Public Works and Municipal Clerk of the Township of Long Beach are hereby authorized and directed to enter into and execute a "Schedule C" Agreement with the County of Ocean in accordance with the provisions of the law to include \$486,000 for the Road Department and \$27,200.00 for the Engineering Department for various engineering services for traffic signals and sign installations.

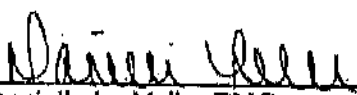
2. A copy of this Agreement shall be kept on file and be available for public inspection at the Office of the Township Clerk.

3. This Agreement shall take effect upon full execution by the parties and shall remain in full force and effect through December 31, 2024. Sufficient funds have been appropriated in the 2024 Temporary Municipal Budget and are subject to amendment at such time the 2024 Municipal Budget is adopted. Appropriated funds will be available for this purpose in the municipal budget under Schedule "C" Other Expenses.

PASSED ON: February 5, 2024

CERTIFICATION

I, **Danielle La Valle**, Municipal Clerk for the Township of Long Beach do hereby certify that the foregoing Resolution 24-0205.08(c) was duly adopted by the Board of Commissioners at a regular meeting held on Monday, February 5, 2024.


Danielle La Valle, RMC
Municipal Clerk

I, DANIELLE LA VALLE, MUNICIPAL CLERK, OF THE
TOWNSHIP OF LONG BEACH, COUNTY OF OCEAN,
HEREBY CERTIFY THAT THE ABOVE IS A TRUE COPY
OF AN (ORDINANCE) (RESOLUTION)
ADOPTED BY THE BOARD OF COMMISSIONERS
AT A MEETING HELD ON 2/5/24


DANIELLE LA VALLE, RMC, MUNICIPAL CLERK

RESOLUTION

March 20, 2024

WHEREAS, the County of Ocean has created and established a program to assist Local Governmental Units in the repair and maintenance of their streets and property in addition to providing certain materials and supplies in connection therewith; and

WHEREAS, the **Township of Ocean** has requested the County to provide certain repair, maintenance services, road overlay, sweeping disposal materials and supplies, not to exceed the sum of \$60,000.00 to be disbursed as follows:

Road Department	\$60,000.00
------------------------	--------------------

WHEREAS, the **Township of Ocean** wishes to enter into an Agreement with the County for the provision of these services:

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the **Township of Ocean** for the provisions of certain repair, maintenance, road overlay, sweeping disposal, materials and supplies, as more specifically set forth in the Agreement.

2. This Agreement shall take effect upon full execution by the parties and shall remain in full force and effect through January 1, 2024 to December 31, 2024.

3. Sufficient funds are available pending adoption of the 2024 County Budget and state approval of subsequent budget modifications under an appropriation entitled "Municipal Road Work, Schedule "C" -Roads account #016-170-4632.

4. A copy of said Agreement shall be kept on file and available for public inspection in the office of the Clerk of the Board.

5. Certified copies of this Resolution shall be made available to Township of Ocean, the Department of Finance, County Auditor, Ocean County Road Department, and Engineering Department.

Resolution 2024-110

INTERGOVERNMENTAL AGREEMENT SCHEDULE C

THIS AGREEMENT made this 20th day of March, 2024, between the **County of Ocean**, a body politic of the State of New Jersey (hereinafter called the "County"), and the **Township of Ocean** a Local Governmental Unit of the State of New Jersey (hereinafter called "Local Governmental Unit").

WITNESSETH:

WHEREAS, it is the desire of the Ocean County Board of Commissioners to assist the Local Governmental Unit in the repair and maintenance of its streets and property, road overlay, in addition to providing certain materials and supplies in connection therewith; and

WHEREAS, the Local Governmental Unit desires to enter into an Agreement with the County for such services;

NOW, THEREFORE, in consideration of the mutual terms and conditions and covenant herein contained, the parties agree as follows:

1. If requested by the Local Governmental Unit, the County, at the discretion of the County Road Supervisor, except for items F, G, and H, which shall be at the discretion of the County Engineer, and item I which shall be at the discretion of the Vehicle Services Director will assist the Local Governmental Unit in the following ways:

- A. Mowing of plant growth along local governmental units roads or property;
- B. Plowing snow on local governmental units roads or property;
- C. Purchase of materials or supplies for the maintenance of local governmental unit roads or property;
- D. Road overlay (List of Schedule "C" Major Projects Request must be completed);
- E. Curbs and Sidewalks on local governmental unit roads;
- F. Repair of traffic signals;
- G. Traffic signs or pavement marking;
- H. Vehicle Maintenance Services.

2. This Agreement shall take effect upon execution by the parties and shall remain in full force and effect through December 31, 2024. The total amount of the Local Governmental Unit purchases of goods The total amount of the Local Governmental Unit purchases of good and services under this agreement shall not exceed the sum of sixty thousand dollars and no cents (\$60,000.00) during the term of this agreement. The Local Governmental Unit certified that sufficient funds are available in its current budget to cover the cost of the agreement.

3. This Agreement will be administered on behalf of Ocean County by the Ocean County Board of Commissioners or their Designee and by Diane B. Ambrosio, RMC CMC, Business Administrator or Daniel Kehoe, CMPW Superintendent of Public on behalf of the Local Governmental Unit.

That Mayor and Clerk are hereby authorized to execute a Schedule "C" agreement with the County of Ocean in accordance with the provisions of the law to include \$60,000.00 for the Road Department (Grading of Roads, etc.).

4. Materials or supplies, if available, will be issued to the Local Governmental Unit from the County yard or warehouse. Except during emergencies, all purchase requests for materials and supplies shall be in writing.

5. Each County Department shall invoice the Local Governmental Unit for materials and supplies delivered and services rendered. Monies due shall be paid by the Local Governmental Unit to the County within thirty (30) days after the Local Governmental Unit's receipt of said invoices.

6. The applicable rates and charges for equipment and labor are set forth in the List of Labor and Equipment Costs, which is attached hereto and made a part hereof.


A. The Local Governmental Unit may request the County to provide for the disposition of sweeping materials from the Local Governmental Unit site. All costs associated with the disposition of these materials, including, but not limited to, all costs incurred in the inspection, testing, classification, screening and ultimate disposition of the sweepings, shall be the responsibility of the Local Governmental Unit and shall be included in the County's next invoice for payment by the Local Governmental Unit.

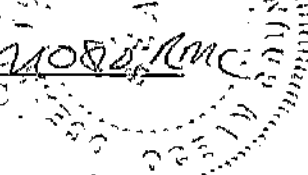
B. When requested by the Local Governmental Unit to sweep municipal roads or properties, the materials collected will be disposed of at a designated municipal site. If the Local Governmental Unit is unable to provide a site, the County will store the municipal sweepings at the nearest County garage and the Local Governmental Unit will be responsible for all costs incurred as described in paragraph A.

7. The Local Governmental Unit hereby covenants and agrees to save harmless the County, its agents, officials and employees from any and all suits, damages, claims or other causes of action, including reasonable attorneys' fees, which may result from performance of this Agreement by the County.

CERTIFICATION

I, DIANE B. AMBROSIO, RMC, CLERK OF THE TOWNSHIP OF OCEAN, COUNTY OF OCEAN, STATE OF NEW JERSEY, DO HEREBY CERTIFY THAT THE FOREGOING RESOLUTION TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE TOWNSHIP COMMITTEE OF THE TOWNSHIP OF OCEAN ON THE 20th DAY OF FEBRUARY 2024


DIANE B. AMBROSIO, RMC
TOWNSHIP CLERK



RESOLUTION

March 20, 2024

WHEREAS, The County of Ocean (Ocean) is a body politic and corporate of the State of New Jersey with main offices located at 101 Hooper Avenue, Toms River, New Jersey, 08754 ; and

WHEREAS, The County of Cape May (Cape May) is a body politic and corporate of the State of New Jersey with main offices located at 4 Moore Road, Cape May, New Jersey 08210; and

WHEREAS, Cape May has already entered into a Shared Services Agreement (SSA) with the County of Atlantic whereby Atlantic County has agreed to house Cape May juveniles in Atlantic County Juvenile Detention Center; and

WHEREAS, the Atlantic County facility is currently at capacity and can no longer accept Cape May County juveniles for the time being; and

WHEREAS, Ocean owns and operates a Juvenile Detention Center which is a high quality, licensed facility providing necessary and appropriate services and amenities; and

WHEREAS, Ocean is permitted under New Jersey Juvenile Justice Commission standards to house short-term commitment status juveniles up to but not exceeding sixty days (60); and

WHEREAS, Ocean has the capacity to house up to one (1) Cape May adjudicated juveniles on a constant basis and one (1) additional Cape May adjudicated juvenile on an as-needed basis; and

WHEREAS, Cape May County has adopted Resolution Number 799-23 authorizing the County Executive to execute a Shared Services Agreement; and

WHEREAS, providing for the care of Cape May juveniles in the Ocean County Detention Center will result in more economical operation of the Ocean County Detention Center and will result in a significant cost savings to Cape May through the sharing of the facility and services; and

WHEREAS, the staff, support groups and volunteers currently working with Cape May juveniles will have access to the Ocean facility to provide the same services as they are currently providing at the Cape May Facility; and

WHEREAS, N.J.S.A. 40:65A-1 et seq. specifically authorizes local government units including counties and municipalities to enter into shared service agreements.

NOW, THEREFORE, BE IT RESOLVED by the **BOARD of COMMISSIONERS**, of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** hereby authorizes the execution of a Shared Services Agreement with the County of Cape May in conformance with the terms and conditions as more specifically set forth in said Agreement.

1. The Director and the Clerk of the Board are hereby authorized and directed to execute a Shared Services Agreement with the County of Cape May for this purpose.
2. The term of this Agreement will be for a period of one (1) year, commencing retroactively to January 1, 2024.

BE IT FUTHER RESOLVED that certified copies of this Resolution shall be made available to the County of Cape May, the Ocean County Finance Department, Juvenile Detention Center, the Office of Management & Budget, the County Auditor and the Office of the Ocean County Counsel.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, that the County Administrator, on behalf of the Board, and Clerk of the Board are hereby authorized and directed to execute an Agreement between the County of Ocean and the Jersey Central Power and Light for the cost of performing a load study on the existing service and switchgear capacity meets the load requirements for the new building at 100 Hooper Avenue, Township of Toms River.

WHEREAS, the funding source for the services in the agreement is Acct. No. 426-010-X324 to reflect services to be performed in an amount not to exceed \$5,000.00.

BE IT FURTHER RESOLVED that certified copies of this Resolution be made available to the Ocean County Management and Budget Department and Jersey Central Power and Light.

RESOLUTION

March 20, 2024

WHEREAS, on October 20, 2021, a Resolution was adopted authorizing, in the event of the absence of the Clerk of the Board, the Deputy Clerk of the Board the authority and powers of the Clerk of the Board; and

WHEREAS, due to a name change, an amending resolution is now necessary to reflect Danielle N. Benvenuto, Deputy Clerk of the Board.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS, COUNTY OF OCEAN, STATE OF NEW JERSEY that, in the event of the Clerk's absence, the Deputy Clerk shall have all the authority and powers of the Clerk and shall perform all functions and duties of the Office of the Clerk of the Board.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Clerk of the Board of Commissioners, County Counsel, County Comptroller, County Auditor, Bond Counsel, Employee Relations Director, Deputy Clerk of the Board of Commissioners, and any other interested party.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that the Director and Clerk of the Board are hereby authorized and directed to enter into an Agreement between the County of Ocean and Yeshiva Chemdas Hatorah for improvements to Cross Street along the frontage of Block 440, Lots 7.02, 56 and 60, Lakewood Township.

BE IT FURTHER RESOLVED that certified copies of this Resolution be sent to the Ocean County Engineering Department and Yeshiva Chemdas Hatorah.

RESOLUTION

March 20, 2024

WHEREAS, the County Engineer has approved the release of bonds for road opening permits, which bonds were posted according to Resolution, adopted by the Board on August 16, 1989.

NOW, THEREFORE, BE IT RESOLVED by the **BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY**, that the County Comptroller is hereby authorized and directed to release the following bonds, which bonds were posted the following road opening permits:

<u>NAME</u>	<u>PERMIT NO.</u>	<u>ISSUED</u>	<u>AMOUNT</u>	<u>TYPE</u>
Dewey OB Group Bond #1399	21-751	5/31/22	\$1,000.00	Cash
Elite Construction, LLC Bond #5957	23-353	5/30/23	\$1,000.00	Cash
Erbe Builders, Inc. Bond #18644	23-383	6/29/23	\$1,000.00	Cash
Inframap Corp. Bond #14SBIC7124	19-156, 19-157, 19-158	5/7/19	\$1,100.00	Surety
LBI National RE, LLC Bond #001009	22-375	6/14/22	\$1,000.00	Cash


BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Ocean County Finance Department and the Engineering Department.

**No Associated
Documents**

**No Associated
Documents**

MEMORANDUM

To: Members of the Board of Commissioners

From: Michael J. Fiure, County Administrator 

Date: February 16, 2024

Subject: **Summary of Pre-Board Meeting of February 14, 2024**

Copies to: Michelle I. Gunther, Clerk of the Board
Tristin Collins, Assistant County Administrator
Robert Greitz, Director of Employee Relations

Director Barbara Jo Crea opened the meeting at 4:00 PM and read the Statement of Compliance with the Open Public Meetings Act. The Clerk of the Board called the roll.

Present:

Director Barbara Jo Crea
Deputy Director Gary Quinn
Commissioner Virginia E. Haines
Commissioner John P. Kelly
Commissioner Frank Sadeghi

Michael J. Fiure, County Administrator
Christine Allen, Recording Secretary
Michelle I. Gunther, Clerk of the Board
John C. Sahradnik, Jr., County Counsel

Director Crea and Mr. Agliata opened the meeting by discussing the 2024 Recycling Guide which is a comprehensive source of information for recycling, composting, and waste reduction. The creativity of Brick Memorial High School's students is showcased in the Impressive igloo project featured on the cover and is now on display at the Edwin B. Forsythe Park in Brick. In the past year over 9,000 programs have been distributed at various County events.

Director Crea and Mr. Agliata also spoke about the 2024 Household Hazardous Waste Program which will be held at 6 locations throughout the County in the Spring and Fall months. In 2023, 266,523 pounds of hazardous waste were collected at a disposal cost of \$250,268.00.

Commissioner Haines and Mr. Agliata discussed the acquisition of Lewis Farm which was recommended by the Natural Lands Trust Fund Advisory Committee. The 6.5-acre farm located on County Route 539 in Plumsted Township is adjacent to 16 acres of approved Ocean County Natural Lands and 12,910 acres of the State-owned Colliers Mills Wildlife Management Area. The landowner accepted an easement value of \$130,000.00.

Members of the Board of Commissioners

February 16, 2024

Summary of the Pre-Board meeting of February 14, 2024

Page 2

Commissioner Kelly and Mr. Jehnke reviewed the items listed on the attached Engineering Department agenda which included the recommendation to award the contract for the reconstruction and resurfacing of Dock Road (CR 602) from State Route 9 to Barnegat Bay in Eagleswood Township to Arawak Paving Co. from Hammonton, NJ in the amount of \$645,700.00. There were no questions or comments, and all items will be listed on the Board Agenda for the February 21, 2024 Board meeting.

Ms. Gunther reviewed the Clerk of the Board's agenda for the Board meeting of February 21, 2024. There were no questions or comments.

Director Crea asked the Board members for comments.

There were no additional comments.

Ms. Gunther read the resolution to move to closed session.

On a motion by Commissioner Kelly, seconded by Commissioner Haines, the meeting moved to Closed Session at 4:15pm for personnel discussion, appointments, reappointments, property acquisition and possible litigation. The motion was unanimously carried.

The meeting returned to Open Session at 4:18pm. There being no further business, on a motion by Commissioner Kelly, seconded by Commissioner Sadeghi, the meeting adjourned at 4:18pm.

MJF/ca

REVISED - FINAL

ENGINEERING DEPARTMENT AGENDA

Pre-Board Meeting of:

February 14, 2024

For Board Meeting of:

February 21, 2024

RECOMMEND AWARD

1. Reconstruction and Resurfacing of Dock Road (C.R. 602) from State Route 9 to Barnegat Bay, Eagleswood Township
Contractor: Arawak Paving Company, Inc., Hammonton, NJ
Amount: \$645,700.00

MISCELLANEOUS

1. Bond Release Resolution:
2. Resolution authorizing the revision of the Traffic Signal at the intersection of County Road #55 (Route 530 - Pinewald-Keswick Road - Lacey Road) and County Road #33 (Route 614 - Lacey Road) (MAN-3) in the Township of Manchester.
3. Resolution authorizing the issuance of a purchase order for additional funds not to exceed \$1,794.00 to Van Cleef Engineering Associates, LLC for Professional Land Surveying Services for 1027 Hooper Avenue Building As-Built, Township of Toms River (QP2023-49).
4. Resolution authorizing the issuance of a purchase order for additional funds not to exceed \$16,534.42 to French & Parrello Associates, P.A. for Bridge Design Services for Replacement of Lake Shenandoah Bridge (Structure No. 1514-012), Carrying Park Road over Shenandoah Spillway, Lakewood Township (QP2018-170).
5. Resolution authorizing the issuance of a purchase order for additional funds not to exceed \$26,597.44 to Johnson, Mirmiran & Thompson, Inc. for Traffic Engineering Professional Services at the Intersection of County Route 549 (Hooper Avenue) and County Route 620 (Church Road/Kettle Creek Road), Toms River Township (QP2021-63).
6. Resolution authorizing an Agreement between the County of Ocean and Bricktown UE, LLC for the traffic flow improvements along the frontage of Lots 7 and 8.03, Block 701, Brick Township.
7. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #50 (Brick Boulevard) and County Road #9 (Chambers Bridge Road) and County Road #11 (Hooper Avenue) in the Township of Brick (BRK-12).
8. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #50 (Brick Boulevard) and County Road #66 (Beaverson Boulevard) in the Township of Brick (BRK-14).
9. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #63 (Burnt

Tavern Road) and County Road #12 (Lanes Mills Road) Garden State Parkway Exit 91 in the Township of Brick (BRK-18).

10. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #63 (Burnt Tavern Road) and County Road #12 (Lanes Mills Road)/Burrsville Road in the Township of Brick (BRK-17).
11. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #9 (Chambers Bridge Road) and Brick Plaza in the Township of Brick (BRK-27).
12. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #63 (Burnt Tavern Road) and The Boulevard in the Township of Brick (BRK-24).
13. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #63 (Burnt Tavern Road) and Greenbriar Boulevard in the Township of Brick (BRK-23).
14. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #16 (Burrsville Road) and County Road #64 (Jack Martin Boulevard) in the Township of Brick (BRK-20).
15. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #65 (Herbertsville Road) and County Road #12 (Lanes Mills Road-Thiele Road) in the Township of Brick (BRK-19).
16. Resolution authorizing an Agreement between the County of Ocean and the Township of Brick for the purpose of installation and operation of a traffic signal at the intersection of County Road #9 (Chambers Bridge Road) and Municipal Complex in the Township of Brick (BRK-28)
17. Resolution authorizing the execution of a Professional Services Agreement for professional title search, binders and insurance services to the following: Surety Title Agency Coastal Region, LLC; Allstate Title Agency, LLC; and Mid-State Abstract Company.
18. Resolution acknowledging the following twenty-one (21) firms are qualified and eligible to perform On-Call Traffic Engineering Professional Services, Where and As Directed by the Ocean County Engineer on a project specific contract basis: Urban Engineers, Inc.; Greenman-Pedersen, Inc.; Dynamic Traffic, LLC; Stantec Consulting Services Inc.; WSP USA, Inc.; Dewberry Engineers Inc.; HDR Engineering, Inc.; Michael Baker International, Inc.; Colliers Engineering & Design, Inc.; Traffic Planning and Design, Inc.; Pennoni Associates Inc.; NV5, Inc.; Remington & Vernick Engineers; Bowman Consulting Group Ltd.; TechniQuest Corporation; Johnson, Mirmiran & Thompson, Inc.; French & Parrello Associates, P.A.; Buchart Horn, Inc.; Environmental Resolutions, Inc.; CME Associates; and BL Companies Architects/Engineers New Jersey, Inc.
19. Resolution acknowledging the following twenty-four (24) firms are qualified and eligible to perform Professional Land Surveying Services for Various Projects in Ocean County, Where and As Directed by Various Departments of Ocean County on a project specific contract basis: Van Cleef Engineering Associates, LLC; Owen, Little & Associates, Inc.; Colliers Engineering & Design, Inc.; Adams, Rehmann & Heggan Associates, Inc.; Remington & Vernick Engineers; Dewberry Engineers Inc.; ACT Engineers, Inc.; Newlites Land Consultants LLC; Matrix New World Engineering, Land Surveying and Landscape Architecture, PC; GEOD Corporation; French & Parrello Associates, P.A.; GTS Consultants, Inc.; Taylor Wiseman & Taylor; Paulus, Sokolowski and Sartor, LLC; Gravatt Consulting Group, Inc.; Johnson, Mirmiran & Thompson, Inc.; Greenman-Pedersen, Inc.; Environmental Resolutions, Inc.; CME

Associates; Bowman Consulting Group, Ltd.; Consulting Engineer Services, Inc.; BL Companies Architects/Engineers New Jersey, Inc.; Schaeffer Nassar Scheidegg Consulting Engineers, LLC; and WJH Engineering, LLC.

20. Motion to acquire real property fee title by gift, purchase, exchange or condemnation for property located along Route 571, Ridgeway Road, Manchester Township for the purpose of utilization as wetlands mitigation associated with future county project(s) (one parcel).

MOTION

February 14, 2024


BE IT RESOLVED, THAT A CLOSED SESSION WILL BE HELD AT THIS TIME TO DISCUSS:

Personnel	Leaves of absence, change of position, titles and updates on filling of positions, promotional appointments and negotiations.
Appointments	OC Construction Board of Appeals OC Emergency Management Council
Reappointments	OC Emergency Management Council OC Commission on Child Safety and Awareness Assistant County Medical Examiner OC Planning Board
Discussion	None at this time

BE IT FURTHER RESOLVED THAT THE MINUTES OF THIS MEETING WILL BE MADE AVAILABLE TO THE PUBLIC UPON FINAL ACTION BEING TAKEN IN ACCORDANCE WITH THE PROVISIONS OF SAID LAW.

MEMORANDUM

To: Members of the Board of Commissioners

From: Tristin Collins, Assistant County Administrator 

Date: March 5, 2024

Subject: **Summary of Pre-Board Meeting of February 28, 2024**

Copies to: Michelle I. Gunther, Clerk of the Board
Michael J. Fiure, County Administrator
Robert Greitz, Director of Employee Relations

Director Barbara Jo Crea opened the meeting at 4:00 PM and read the Statement of Compliance with the Open Public Meetings Act. The Clerk of the Board called the roll.

Present:

Director Barbara Jo Crea
Deputy Director Gary Quinn
Commissioner Virginia E. Haines
Commissioner John P. Kelly
Commissioner Frank Sadeghi

Tristin Collins, Assistant County Administrator
Christine Allen, Recording Secretary
Michelle I. Gunther, Clerk of the Board
John C. Sahradnik, Jr., County Counsel

Not Present:

Michael J. Fiure, County Administrator

Director Crea opened the meeting by discussing the 2024 free Document Shredding Program available to all residents, which will occur at 15 events held throughout the County from April through October. A limit of four file boxes or clear bags weighing no more than 100 pounds total will be collected per car. The successful 2023 program collected 88.5 tons of paper to be recycled.

Commissioner Kelly and Commissioner Quinn presented the 2024 Ocean County Budget which will be formally introduced at the Board Meeting on March 6, 2024, and will be available to view online on March 7, 2024. Public hearing and adoption will take place at the April 3, 2024 Board Meeting. Ocean County's total budget is \$565,044,510.00 which is up \$12,623,847.00 from 2023. The amount to be raised by taxation is \$455,897,751.00. Funding marked for capital improvements is \$71,247,689.00, while \$37,500,000 represents the surplus. 2024's ratable base is \$161.6 billion dollars.

The Commissioners commended Ms. Tarrant and Ms. DiMartini on compiling the Budget, while Ms. Tarrant thanked the Commissioners for their guidance and input.

*A copy of the 2024 County Budget Presentation is attached.

Commissioner Kelly and Mr. Ernst reviewed the items listed on the attached Engineering Department agenda which included three Purchase Orders for consultants of the Joint Base bridge project. NJNG and Ocean County will be addressing drainage issues near the Toms River bus station as part of the mitigation project downtown. The annual Mayors meetings that enable towns to meet with the County to request assistance with any projects such as schedule "C" work or road improvements will continue over the next few weeks. There were no questions or comments, and all items will be listed on the Board Agenda for the March 6, 2024 Board meeting.

Ms. Gunther reviewed the Clerk of the Board's agenda for the Board meeting of March 6, 2024. There were no questions or comments.

Director Crea asked the Board members for comments.

Commissioner Kelly and Commissioner Sadeghi met with JCP&L to discuss coordination efforts in Ocean County.

There were no additional comments.

Ms. Gunther read the resolution to move to closed session.

On a motion by Commissioner Kelly, seconded by Commissioner Quinn, the meeting moved to Closed Session at 4:36pm for personnel discussion, appointments, reappointments, property acquisition and possible litigation. The motion was unanimously carried.

The meeting returned to Open Session at 4:39pm. There being no further business, on a motion by Commissioner Haines, seconded by Commissioner Kelly, the meeting adjourned at 4:39pm.

MJF/ca

FINAL

ENGINEERING DEPARTMENT AGENDA

Pre-Board Meeting of:

February 28, 2024

For Board Meeting of:

March 6, 2024

MISCELLANEOUS

1. Bond Release Resolution.
2. Resolution authorizing the issuance of a purchase order in an amount not to exceed \$100,958.93 to Adams, Rehmann & Heggan Associates, Inc. for Professional Land Surveying Services for Various Projects, for Survey of Pinehurst Road (C.R. 539) at Joint Base McGuire-Dix-Lakehurst (MDL) National Guard Entrance, Plumsted Township (QP2024-51).
3. Resolution authorizing the issuance of a purchase order in an amount not to exceed \$43,640.00 to Owen, Little & Associates, Inc. for Professional Land Surveying Services for Various Project for the Survey of Intersection of Whitesville Road (C.R. 17) and Faraday Avenue (C.R. 59), Jackson and Toms River Townships (QP-2024-51).
4. Resolution authorizing the issuance of a purchase order in an amount not to exceed \$19,964.00 to French & Parrello Associates, P.A. for Consultant Material Sampling, Inspection and Testing Services, Geotechnical Engineering Evaluation of Construction of County Route 539 Overpass at Joint Base McGuire-Dix-Lakehurst (Structure No. 1523-031), Plumsted Township (QP2023-68).
5. Resolution authorizing an Agreement between the County of Ocean and the New Jersey Natural Gas Company for the cost of materials associated with the installation of facilities along Herflicker Boulevard in the Township of Toms River.
6. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #9 (Chambers Bridge Road) and Sprucewood Avenue in the Township of Brick (BRK-29).
7. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #5 (Cedar Bridge Avenue) and Aurora Place in the Township of Brick (BRK-32).
8. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #66 (Beaverson Boulevard)/County Road #54 Shorrock Street and Old Toms River Road in the Township of Brick (BRK-34).
9. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #66 (Beaverson Boulevard) and Lions Head South in the Township of Brick (BRK-35).
10. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #66 (Beaverson Boulevard Jughandle) and Dunkin Donuts in the Township of Brick (BRK-36).

11. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #11 (Old Hooper Avenue) and "A" Street in the Township of Brick (BRK-40).
12. Resolution authorizing an Amended Agreement between the County of Ocean and the Township of Brick for the purpose of installation of a battery backup system for the traffic signal at the intersection of County Road #50 (Brick Boulevard) and Pine Tree Drive of Brick (BRK-48).
13. Resolution authorizing an Agreement between the County of Ocean and the Township of Manchester for the purpose of installation and operation of a traffic signal at the intersection of County Road #55 (Route 530/Pinewald Keswick Road) and Congasia Road in the Township of Manchester (MAN-19).
14. Resolution authorizing an Agreement between the County of Ocean and the Township of Lakewood for the purpose of installation and operation of a traffic signal at the intersection of County Road #5 (Route 528/Cedar Bridge Avenue) and Dr. Martin Luther King Drive in the Township of Lakewood (LKWD-25).
15. Resolution authorizing an Agreement between the County of Ocean and the Township of Lakewood for the purpose of installation and operation of a traffic signal at the intersection of County Road #9 (Route 526/West County Line Road) and Brookwood Parkway in the Township of Lakewood (LKWD-74).
16. Resolution acknowledging the following four (4) firms are qualified and eligible to perform Professional Engineering Services for Underground Storage Tanks on a project specific contract basis: CME Associates; Mott MacDonald, LLC; H2M Associates, Inc. and D&B Engineers and Architects of New Jersey, P.C.

M O T I O N

February 28, 2024

BE IT RESOLVED, THAT A CLOSED SESSION WILL BE HELD AT THIS TIME TO DISCUSS:

Personnel Leaves of absence, change of position, titles and updates on filling of positions, promotional appointments and negotiations.

Appointments OC Senior Services Advisory Council

Reappointments OC Airpark Advisory Committee

Discussion None at this time

BE IT FURTHER RESOLVED THAT THE MINUTES OF THIS MEETING WILL BE MADE AVAILABLE TO THE PUBLIC UPON FINAL ACTION BEING TAKEN IN ACCORDANCE WITH THE PROVISIONS OF SAID LAW.

**No Associated
Documents**

**No Associated
Documents**

MOTION

March 20, 2024

Motion approving the distribution of Requests for Proposals and/or Requests for Qualifications for Professional Services and/or Extraordinary Unspecifiable Services and approving the selection criteria contained therein for the following projects in accordance with N.J.S.A. 19:44A-20.1.

Requests for Proposals/Qualifications:

Preservation Architectural Consulting Services

Architectural Design Services for Various Projects in Ocean County

Forestry Consulting Services

Multi-Media Advertising Platforms to Market Tourism



COUNTY OF OCEAN
DEPARTMENT OF FINANCE

JULIE N. TARRANT
County Comptroller & CFO

MOIRE M. DiMARTINI
Assistant County Comptroller

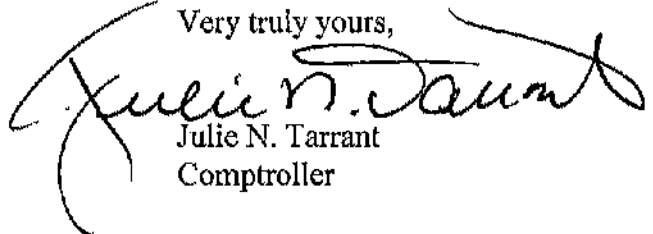
March 8, 2024

Board of Commissioners
Ocean County Administration Building
Toms River, New Jersey 08754

Dear Board Members:

Accompanying this letter, you will find a copy of the Master Payroll for the payment of all employees of the County of Ocean, setting forth the amounts to be paid on March 13, 2024, is for the payroll period of February 15, 2024, through February 28, 2024. All Elected Officials are paid year to date. These payments were made in accordance with the Resolution passed by your Board on June 21, 1972.

Very truly yours,



Julie N. Tarrant
Comptroller

JNT/mb
Pay 24-06
Pd, 03/13/24

RECEIVED
2024 MAR 11 A 8:10
CLERK OF THE BOARD
OF BOARD OF COMMISSIONERS

**COUNTY OF OCEAN, NJ
DEPARTMENT OF FINANCE
MASTER PAYROLL CERTIFICATION**

03/08/24

AMOUNT \$ 6,324,948.25

PERIOD FROM: February 15, 2024 TO: February 28, 2024 Paid: March 13, 2024

Note: Elected Officials are paid year to date.

FUND	BANK #	CHECK #	AMOUNT
016	01	wire	5,532,568.23
020	07	wire	0.00
022	09	wire	0.00
905	26	wire	1,440.00
209	67	wire	759,992.91
210	68	wire	11,223.65
211	62	wire	15,826.01
225	97	transfer	3,897.45

Julie N. Tarrant being duly sworn according to law, upon her oath, depose and says that
the within County Payroll has been examined by her and has approved the amount of wages for each
person as submitted by the various Department Heads.


Julie N. Tarrant, Comptroller

Received by the Board of Commissioners

Clerk of the Board

MOTION

March 20, 2024

On motion duly made, seconded and carried, the plans and specifications for the **Construction of Barnegat Branch Trail Phase IX, No. II, Admiral Avenue to S. Main Street and Herflicker Boulevard, Beachwood and South Toms River Boroughs** were approved and the proper officers of the Board were authorized and directed to advertise.

MOTION

March 20, 2024

On motion to vacate one existing Drainage Easement that was acquired by the County of Ocean May 19, 1978, and recorded in deed book 3727, page 325 on June 26, 1978 and is in conjunction with Ocean County Planning Board approval application LAT1105C.01 as it relates to Block 440, part of existing Lots 56 and 60 and a coinciding agreement between the County of Ocean and Yeshiva Chemdas Hatorah, presented simultaneously, Lakewood Township, Ocean County, New Jersey.

and County Counsel was authorized to prepare and record all necessary documents.

**No Associated
Documents**

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #4 (Washington Street) and Whittier Avenue and Brookside Drive (DVR-5) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

(DVR-5)
CR #4 (Washington Street)
and Whittier Avenue
and Brookside Drive

DESIGNATED PLAN

Plan # 07 004 106
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #4 (Washington Street) and County Road #38 (Clifton Avenue) and Point O' Woods Drive (DVR-6) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

(DVR-6)
CR #4 (Washington Street)
and CR #38 (Clifton Avenue)
and Point O' Woods Drive

DESIGNATED PLAN

Plan # 07 004 106
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #17 (Route 527 – Whitesville Road) and County Road #16 (Route 622 – Cox Cro Road) and Warner Street (DVR-61) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

<u>LOCATION</u>	<u>DESIGNATED PLAN</u>
(DVR-61)	Plan # 07 017 105
CR #17 (Route 527 – Whitesville Road)	Plan Sheet # 1 of 2
and CR #16 (Route 622 – Cox Cro Road) and Warner Street	Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #16 (Route 622 – Cox Cro Road) and County Road #81 (Route 637/Massachusetts Avenue) (DVR-62) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(DVR-62)

Plan # 07 016 110

CR #16 (Route 622 – Cox Cro Road)

Plan Sheet # 1 of 2

and CR #81 (Route 637 – Massachusetts Avenue)

Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #16 (Route 622 – Cox Cro Road) and Ticonderoga Drive and Rio Grande Drive (DVR-82) in the Township of Toms River,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

(DVR-82)
CR #16 (Route 622 – Cox Cro Road)
and Ticonderoga Drive
and Rio Grande Drive

DESIGNATED PLAN

Plan # 07 016 112
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #17 (Route 527 – Whitesville Road) and Riverwood Drive (DVR-83) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(DVR-83)
CR #17 (Route 527 – Whitesville Road)
and Riverwood Drive

Plan # 07 017 107
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #17 (Route 527 – Whitesville Road) and County Road #66 (Stevens Road) (DVR-84) in the Township of Toms River.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(DVR-84)	Plan # 07 017 106
CR #17 (Route 527 – Whitesville Road)	Plan Sheet # 1 of 2
and CR #66 (Stevens Road)	Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Toms River.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #93 (Route 623 – New Hampshire Avenue) and County Road #83 (Locust Street) (LKWD-28) in the Township of Lakewood.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

(LKWD-28)
CR #93 (Route 623 – New Hampshire
Avenue)
and CR #83 (Locust Street)

DESIGNATED PLAN

Plan # 15 093 110
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Lakewood.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #10 (Route 628 – Prospect Street) and County Road #81 (Route 637/Massachusetts Avenue) and Excel Place (LKWD-50) in the Township of Lakewood.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(LKWD-50)
CR #10 (Route 628 – Prospect Street)
and CR #81 (Route 637/Massachusetts
Avenue)
and Excel Place

Plan # 15 010 103
Plan Sheet # 1 of 2
Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Lakewood.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #9 (Route 526 – West County Line Road) and Brookwood Parkway (LKWD-74) in the Township of Lakewood.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(LKWD-74)
CR #9 (Route 526 – West County Line
Road)
and Brookwood Parkway

Plan # 15 009 124
Plan Sheet # 10 of 20
Date November, 2022

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Lakewood.

RESOLUTION

March 20, 2024

WHEREAS, as a result of an engineering and traffic investigation it is deemed necessary to revise the Traffic Signal at the intersection of County Road #55 (Route 530 – Pinewald-Keswick Road) and Congasia Road in the Township of Manchester (MAN-19).

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:

Pursuant to the provisions of Public Law 2008, Chapter 110, the following location(s) shall be controlled by a traffic control signal based on the designated traffic signal plan:

LOCATION

DESIGNATED PLAN

(MAN-19)

Plan # 19 055 102

CR #55 (Route 530 –Pinewald-Keswick
Road)

Plan Sheet # 1 of 2

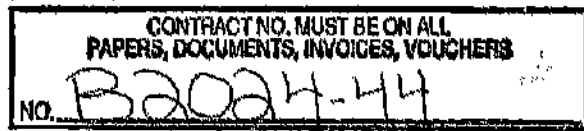
and Congasia Road

Date February, 2024

BE IT FURTHER RESOLVED that all former resolutions in conflict, or inconsistent with the provisions of this resolution are hereby repealed.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be forwarded to the Ocean County Engineering Department and to the Clerk of the Township of Manchester.

**No Associated
Documents**



RESOLUTION

March 20, 2024

WHEREAS, on February 13, 2024, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidder:

<u>Name of Bidder</u>	<u>Address of Bidder</u>
National Highway Products, Inc.	301 Riverside Drive Millville, NJ 08332 (856) 692-7572

; and

WHEREAS, after receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, according to specifications, be accepted namely that of NATIONAL HIGHWAY PRODUCTS, INC.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract for the furnishing and delivery of Solar Powered LED Chevron Radar Signs and Curve Warning System No. II for the County of Ocean, from date of award through March 19, 2025, a period of one (1) year, OR until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15.

A. NATIONAL HIGHWAY PRODUCTS, INC. for twenty nine (29) items, to wit:

ITEM NOS. 1, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 2, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M and 3.

For a Total Lump Sum Award Item 1 (Item #'s 1 - 1M) of \$31,988.00.

For a Total Lump Sum Award Item 2 (Item #'s 2 - 2M) of \$79,970.00.

For a Total Lump Sum Award Item 3 (Item #3) of \$27,150.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Source: Engineering Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2024-44.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, County Engineer, and National Highway Products, Inc., the successful bidder.

NATIONAL HIGHWAY PRODUCTS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

11. Submission of Bid Package*

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

PRICE TABLES

ITEM #1 - SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
✓ 1	Solar Chevron Radar Sign, 30" X 36", As Specified or Equal	4	EA	\$3,890.00	\$15,560.00		trafficalm			
OPTIONS										
✓ 1A	Sign Assembly, As Specified or Equal	4	EA	\$735.00	\$2,940.00		trafficalm			
✓ 1B	Cabinet, As Specified or Equal	4	EA	\$200.00	\$800.00		trafficalm			
✓ 1C	Round Pole Banding Bracket, As Specified or Equal	4	EA	\$1.00	\$4.00		trafficalm			

PROPOSAL DOCUMENT REPORT

Bid - SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

NATIONAL HIGHWAY PRODUCTS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
✓ 1D	Square Pole Bolt-Through Bracket, As Specified or Equal	4	EA	\$1.00	\$4.00		trafficalm			
✓ 1E	Multi-Purpose Bracket, As Specified or Equal	4	EA	\$1.00	\$4.00		trafficalm			
✓ 1F	Controller, As Specified or Equal	4	EA	\$900.00	\$3,600.00		trafficalm			
✓ 1G	Wireless Radio, As Specified or Equal	4	EA	\$155.00	\$620.00		trafficalm			
✓ 1H	Solar Panel, As Specified or Equal	4	EA	\$487.00	\$1,948.00		trafficalm			
✓ 1I	Top-of-Pole Bracket, As Specified or Equal	4	EA	\$123.00	\$492.00		trafficalm			
✓ 1J	Side-of-Pole Bracket, As Specified or Equal	4	EA	\$153.00	\$612.00		trafficalm			
✓ 1K	Battery, As Specified or Equal	4	EA	\$135.00	\$540.00		trafficalm			

PROPOSAL DOCUMENT REPORT

Bid - SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

Page 7

NATIONAL HIGHWAY PRODUCTS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
✓ 1L	Radar Detection, As Specified or Equal	4	EA	\$456.00	\$1,824.00		trafficalm			
✓ 1M	Heavy Duty Pole Package with Anchor Bolts, As Specified or Equal	4	EA	\$760.00	\$3,040.00		trafficalm			
TOTAL					\$31,988.00					

ITEM #2 - SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
✓ 2	Solar Chevron Radar Sign, 30" X 36", Ruggedized, As Specified or Equal	10	EA	\$3,890.00	\$38,900.00		trafficalm			
OPTIONS										
✓ 2A	Sign Assembly, As Specified or Equal	10	EA	\$735.00	\$7,350.00		trafficalm			
✓ 2B	Cabinet, As Specified or Equal	10	EA	\$200.00	\$2,000.00		trafficalm			

PROPOSAL DOCUMENT REPORT

Bid - SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

NATIONAL HIGHWAY PRODUCTS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
✓ 2C	Round Pole Banding Bracket, As Specified or Equal	10	EA	\$1.00	\$10.00		trafficalm			
✓ 2D	Square Pole Bolt-Through Bracket, As Specified or Equal	10	EA	\$1.00	\$10.00		trafficalm			
✓ 2E	Multi-Purpose Bracket, As Specified or Equal	10	EA	\$1.00	\$10.00		trafficalm			
✓ 2F	Controller, As Specified or Equal	10	EA	\$900.00	\$9,000.00		trafficalm			
✓ 2G	Wireless Radio, As Specified or Equal	10	EA	\$155.00	\$1,550.00		trafficalm			
✓ 2H	Solar Panel, As Specified or Equal	10	EA	\$487.00	\$4,870.00		trafficalm			
✓ 2I	Top-of-Pole Bracket, As Specified or Equal	10	EA	\$123.00	\$1,230.00		trafficalm			
✓ 2J	Side-of-Pole Bracket, As Specified or Equal	10	EA	\$153.00	\$1,530.00		trafficalm			

PROPOSAL DOCUMENT REPORT

Bid - SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

NATIONAL HIGHWAY PRODUCTS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM NO. II

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
2K	Battery, As Specified or Equal	10	EA	\$135.00	\$1,350.00		trafficalm			
2L	Radar Detection, As Specified or Equal	10	EA	\$456.00	\$4,560.00		trafficalm			
2M	Heavy Duty Pole Package with Anchor Bolts, As Specified or Equal	10	EA	\$760.00	\$7,600.00		trafficalm			
TOTAL					\$79,970.00					

ITEM #3 - CURVE WARNING SYSTEM, AS SPECIFIED OR EQUAL

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
3	Curve Warning System, As Specified or Equal	10	EA	\$2,715.00	\$27,150.00		trafficalm	5 years	10 weeks aro	
TOTAL					\$27,150.00					

NATIONAL HIGHWAY PRODUCTS, INC.

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM

Page 1 of 33

✓ ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL

COMPLIANCE
YES NO

DESCRIPTION:

Solar-powered sign assembly which alerts traffic to upcoming roadway curvature, including illuminated LEDs activated via radar detection.

☒ ☐

SIGN ASSEMBLY:

Sign assembly shall be compatible with TAPCO® BlinkerSign interconnectivity.

☐ ☒

Sign assembly shall conform to TAPCO-Integrated BlinkerSign® or equal and shall conform to TAPCO® drawing number 2180-00225DF, except the sign size shall be 30" W X 36" H.

☒ ☐

Sign shall conform to Section 2A.08 of the Manual on Uniform Traffic Control Devices for Streets and Highways 2009 Edition (MUTCD), as it relates to retroreflectivity and illumination.

☒ ☐

Sign face shall conform to designation W1-8L or W1-8R as described in Section 2C.09 of the MUTCD, except for 10 holes situated along the outline of the black chevron, of a size and shape appropriate for the display of light-emitting diodes (LEDs).

☒ ☐

Sign shall measure 30" W x 36" H in accordance with MUTCD Table 2C-2.

☒ ☐

Sign blanks shall be aluminum, with a thickness of 0.080".

☒ ☐

Sheeting used shall be 3M DG3 diamond grade, or approved equal, with anti-graffiti overlay.

☒ ☐

Sign assembly shall include an LED string with 10 amber LEDs and 18" leads, fastened to the rear of the sign blank with aluminum wire channels, arranged in such a way that each LED can be seen through its own hole in the sign blank. This arrangement shall conform to TAPCO® drawing number 2180-00225DF.

☒ ☐

All electronic wiring shall be protected with liquid-tight conduit, and all connections shall conform to an Ingress Protection rating of IP-65 or better.

☒ ☐

CABINET:

NEMA 3R type certification.

☒ ☐

The cabinet shall be made of 0.080" aluminum.

☐ ☒

The cabinet shall have two tamper-resistant stainless steel hinges.

☐ ☒

The cabinet shall have four stainless steel studs for various mounting bracket options including banding, U-bolt, wall-mount, square pole, and wood post.

☒ ☐

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)****COMPLIANCE****YES NO****CABINET: (CONT'D)**

The cabinet shall have replaceable #2 traffic lock with keys.

☐ ☒

The cabinet shall have screened vents on the side and door.

☐ ☒

The cabinet shall have screened drainage holes on the bottom.

☒ ☐

The cabinet shall have UV resistant labels applied to the exterior of the cabinet outlining model number, serial number, and date of manufacture, as well as any applicable regulatory information.

☒ ☐

All circuit components of the cabinet are attached or connected to a removable control panel for maintenance.

☒ ☐

The cabinet shall have a door mounted pouch containing system documents.

☐ ☒

The enclosure dimensions of the cabinet shall not exceed 12.5"W x 15"H x 9.9"D.

☒ ☐**ROUND POLE BANDING BRACKET:**

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2 3/8" and larger, round poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

The hardware needed to mount to the bracket to a pole shall be banding up to 3/4" width (customer supplied). Worm drive clamp shall be included to assist in installation.

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

The dimensions of the bracket shall not exceed 6.8"W x 3.7"H x 1.1"D.

☒ ☐**SQUARE POLE BOLT-THROUGH BRACKET:**

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2" to 6" square poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)****COMPLIANCE****YES****NO****MULTI-PURPOSE BRACKET:**

The bracket shall be made of aluminum.

☒☐

The bracket shall fit a 2 3/8" to 4 1/2" round pole, square wood post or wall mount.

☒☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒☐

The hardware needed to mount to the bracket to a pole will be included:

- Stainless steel U-bolts for round pole mount
- Lag bolts for square wood mount

☒☐☒☐

There shall be 2 brackets per cabinet.

☒☐

The dimensions of the bracket shall not exceed 7"W x 7.2"H x 0.7"D.

☒☐**CONTROLLER:**

The controller shall be an IBM® Workload Scheduler controller.

☐☒

The controller shall be 6V and 12VDC with a power indicator light.

☐☒

The controller shall have 2 digital inputs.

☒☐

The controller shall have 2 two-channel outputs (able to drive two warnings per output).

☒☐

The controller shall be programmable locally using a serial input (RS232) or remotely using a cellular modem.

☒☐

The controller shall have 24/7, Dusk 'til Dawn, BlinkLink® Scheduling, Time Clock, and Custom input program activation options.

☒☐

The Controller shall have LED-Warning Control compatibility with BlinkerSign®, BlinkerBeacon™, and RRFB-XL2™.

☐☒

The controller shall have dimmable which will be:

- Auto-adjustable via solar panel (6V systems)
- Auto-adjustable via photocell sensor (12V systems)

☐☒☒☐

The controller shall include an internal system clock (with on-board battery backup) and provide options for activation scheduling, including user-programmable adjustments for Daylight Saving Time.

☒☐

The controller shall be capable of automatic brightness control.

☒☐

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES****NO****CONTROLLER: (CONT'D)**

The controller shall include an internal temperature monitor.

☒☐

The controller shall be capable of operation within the temperature range of -40°F to 176°F (-40°C to 80°C).

☒☐

The controller enclosure shall be conform to an Ingress Protection rating of IP-67 or better.

☒☐

The dimensions of the controller enclosure shall not exceed 3.2"W x 3.7"H x 2.5"D.

☐☒**WIRELESS RADIO:**

The sign assembly shall include a BlinkerBeam® wireless radio for interconnectivity.

☐☒

The radio shall be 6V and 12VDC with a power indicator light.

☐☒

The radio shall have 1 digital input, micro USB.

☒☐

The radio shall have 2 digital output lines, host serial lines for over the air serial.

☒☐

The radio shall be programmable locally using USB port or front-mounted joystick.

☒☐

The radio shall have a backlit LCD display with 4 lines at 21 characters per line.

☐☒

The radio types for this radio shall be:

- Low Power Device Radio.
- Low Power Activation Radio.
- Standard Low Power Radio.
- Standard Medium Power Radio.
- Standard High Power Radio.

☐☐☐☐☒☐☐☐☐☐

The radio shall have a connectivity to up to 16 devices on one network.

☒☐

The frequency of the radio shall be license free 900 MHz frequency hopping spread spectrum with 10 different RF patterns to prevent interference between collocated radio systems.

☐☒

The radio shall have a range up to 900 feet standard, or longer with optional antennas.

☒☐

The color of the status LEDs shall be red, green, yellow, and amber.

☐☒

The radio shall be FCC and ISED compliant.

☒☐

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36" AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES** **NO****WIRELESS RADIO: (CONT'D)**

The radio shall have optional outdoor antennas:

- | | | |
|------------------------------------|-------------------------------------|--------------------------|
| • Omni Whip | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Omni Dome | <input type="checkbox"/> | <input type="checkbox"/> |
| • Omni Base Station | <input type="checkbox"/> | <input type="checkbox"/> |
| • Yagi (for specific applications) | <input type="checkbox"/> | <input type="checkbox"/> |

The radio shall operate in temperatures ranging from -40°F to 176°F (-40°C to 80°C) and in less than 90% relative humidity.

☒ ☐

The dimensions of the radio shall not exceed 3.2"W x 3.7"H x 2.5"D.

☒ ☐**SOLAR PANEL:**

The solar panel shall be 55W.

☒ ☐

The nominal voltage shall be 12V.

☒ ☐

The open circuit voltage shall be 22.1 V.

☒ ☐

The short circuit current shall be 3.31A.

☒ ☐

The maximum power voltage shall be 18.18V.

☒ ☐

The maximum power current shall be 3.1A.

☒ ☐

The solar panel shall have tempered glass.

☒ ☐

The frame shall be anodized aluminum.

☒ ☐

The solar panel shall be constructed with silicon cells encapsulated in double-layer EVA with a white polymer backing.

☒ ☐

The solar panel shall weigh 14 lbs.

☒ ☐

The solar panel shall be IP67 rated.

☒ ☐

The solar panel shall have various options available for mounting hardware.

☒ ☐

The operating temperature shall be -40°F to 194°F (-40°C to 90°C).

☒ ☐

The dimensions of the solar panel shall not exceed 25"W x 26"H x 1.5"D.

☒ ☐

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES** **NO****TOP-OF-POLE BRACKET:**

The bracket shall be aluminum.

☒ ☐

The bracket shall fit a 4 1/2" or 3" round pole.

☒ ☐

The brackets hardware shall be set screws.

☒ ☐**SIDE-OF-POLE BRACKET:**

The bracket shall be aluminum.

☒ ☐

The bracket is universal.

☒ ☐

The bracket shall have mounting hardware that includes banding, U-Bolt, or bolt.

☒ ☐**BATTERY:**

The voltage of the battery shall be 12V.

☒ ☐

The capacity at C/100 shall be 50Ah.

☒ ☐

The vent of the battery shall be valve regulated.

☐ ☒

The terminal type shall be I6.

☐ ☒

The battery shall be non-spillable as defined by the Department of Transportation, International Commercial Airline Organization and International Airline Transport Association definitions.

☒ ☐

The battery weight shall not exceed 32.23 lbs.

☒ ☐

The dimensions of the battery shall not exceed 7.75"L x 6.49"W x 6.69"H.

☒ ☐

The battery shall operate in a temperature range of -40°F to 176°F (-40°C to 80°C).

☒ ☐**RADAR DETECTION:**

The power input shall be 6 to 18V DC.

☒ ☐

The Icc@ 12V DC shall be 4.5 mA (0.054 watts).

☒ ☐

The radar RF out shall be 5 mW maximum.

☒ ☐

The radar F center shall be 24.125 GHz or 24.200 GHz.

☒ ☐

The pickup distance shall be up to 300 feet.

☒ ☐

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES NO****RADAR DETECTION: (CONT'D)**

The beam angle shall be 38° x 45°.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The operating temperature shall be -40°F to 185°F (-40°C to 85°C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The beam polarization shall be linear.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The serial port shall be RS232.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The FCC ID shall be TIASS300.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The dimensions of the radar shall not exceed 1.9"W x 2.1"H x 0.9"D	<input type="checkbox"/>	<input checked="" type="checkbox"/>

HEAVY DUTY POLE PACKAGE WITH ANCHOR BOLTS:

The domed pole cap shall be:

- | | | |
|---|-------------------------------------|--------------------------|
| • Cast Aluminum | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Zinc Plated | <input type="checkbox"/> | <input type="checkbox"/> |
| • Fits 4 ½" outer diameter pole | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • (3X) ¼" x ½" square head machine screws | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The mounting brackets shall have:

- | | | |
|---|-------------------------------------|--------------------------|
| • (2X) Z-bracket single sided round pole mounting bracket made of aluminum. | <input type="checkbox"/> | <input type="checkbox"/> |
| • (2X) 5/16" x 5/8" bolt and nut set. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • (2X) 5/16" x 1 ¾" bolt and nut set. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The round aluminum pole shall be: (10' 373-10, 13' 373-13, 15' 373-15)

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| • Schedule 40 aluminum pole. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • 4 ¼" outer diameter | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • One end threaded | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The pedestal base shall be:

- | | | |
|--|-------------------------------------|--------------------------|
| • Cast Aluminum | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Threaded Collar | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Have an aluminum access door. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • FHWA Certified | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Meets or exceeds AASHTO break-away requirements. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The bent anchor bolt shall be:

- | | | |
|--|-------------------------------------|--------------------------|
| • (4X) ¾" x 18", galvanized steel bent anchor (foundation bolt), nut and washer (for frost free areas). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • (4X) 1" x 42", galvanized steel bent anchor (foundation bolt), nut and washer (for frost or snow-covered areas). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES****NO****OPTIONS:****✓ 1A – Sign Assembly**

Sign assembly shall be compatible with TAPCO® BlinkerSign interconnectivity. ☐ ☒

Sign assembly shall conform to TAPCO-Integrated Blinkersign® or equal and shall conform to TAPCO® drawing number 2180-00225DF, except the sign size shall be 30" W X 36" H. ☒ ☐

Sign shall conform to Section 2A.08 of the Manual on Uniform Traffic Control Devices for Streets and Highways 2009 Edition (MUTCD), as it relates to retroreflectivity and illumination. ☒ ☐

Sign face shall conform to designation W1-8L or W1-8R as described in Section 2C.09 of the MUTCD, except for 10 holes situated along the outline of the black chevron, of a size and shape appropriate for the display of light-emitting diodes (LEDs). ☒ ☐

Sign shall measure 30" W x 36" H in accordance with MUTCD Table 2C-2. ☒ ☐

Sign blanks shall be aluminum, with a thickness of 0.080". ☒ ☐

Sheeting used shall be 3M DG3 diamond grade, or approved equal, with anti-graffiti overlay. ☒ ☐

Sign assembly shall include an LED string with 10 amber LEDs and 18" leads, fastened to the rear of the sign blank with aluminum wire channels, arranged in such a way that each LED can be seen through its own hole in the sign blank. This arrangement shall conform to TAPCO® drawing number 2180-00225DF. ☒ ☐

All electronic wiring shall be protected with liquid-tight conduit, and all connections shall conform to an Ingress Protection rating of IP-65 or better. ☒ ☐

✓ 1B – Cabinet

NEMA 3R type certification. ☒ ☐

The cabinet shall be made of 0.080" aluminum. ☒ ☐

The cabinet shall have two tamper-resistant stainless steel hinges. ☒ ☐

The cabinet shall have four stainless steel studs for various mounting bracket options including banding, U-bolt, wall-mount, square pole, and wood post. ☒ ☐

The cabinet shall have replaceable #2 traffic lock with keys. ☒ ☐

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE****YES****NO****OPTIONS: (CONT'D)****1B – Cabinet (Cont'd)**

The cabinet shall have screened vents on the side and door.

☒☐

The cabinet shall have screened drainage holes on the bottom.

☒☐

The cabinet shall have UV resistant labels applied to the exterior of the cabinet outlining model number, serial number, and date of manufacture, as well as any applicable regulatory information.

☒☐

All circuit components of the cabinet are attached or connected to a removable control panel for maintenance.

☒☐

The cabinet shall have a door mounted pouch containing system documents.

☒☐

The enclosure dimensions of the cabinet shall not exceed 12.5"W x 15"H x 9.9"D.

☒☐**1C – Round Pole Banding Bracket**

The bracket shall be made of aluminum.

☒☐

The bracket shall fit 2 3/8" and larger, round poles.

☒☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒☐

The hardware needed to mount to the bracket to a pole shall be banding up to 3/4" width (customer supplied). Worm drive clamp shall be included to assist in installation.

☒☐

There shall be 2 brackets per cabinet.

☒☐

The dimensions of the bracket shall not exceed 6.8"W x 3.7"H x 1.1"D.

☒☐**1D – Square Pole Bolt-Through Bracket**

The bracket shall be made of aluminum.

☒☐

The bracket shall fit 2" to 6" square poles.

☒☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒☐

There shall be 2 brackets per cabinet.

☒☐

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)****COMPLIANCE****YES NO****OPTIONS: (CONT'D)**✓ **1E – Multi-Purpose Bracket**

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit a 2 3/8" to 4 1/2" round pole, square wood post or wall mount.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

The hardware needed to mount to the bracket to a pole will be included:

- Stainless steel U-bolts for round pole mount
- Lag bolts for square wood mount

☒ ☐☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

The dimensions of the bracket shall not exceed 7"W x 7.2"H x 0.7"D.

☒ ☐✓ **1F – Controller**

The controller shall be an IBM® Workload Scheduler controller.

☐ ☒

The controller shall be 6V and 12VDC with a power indicator light.

☐ ☒

The controller shall have 2 digital inputs.

☒ ☐

The controller shall have 2 two-channel outputs (able to drive two warnings per output).

☒ ☐

The controller shall be programmable locally using a serial input (RS232) or remotely using a cellular modem.

☒ ☐

The controller shall have 24/7, Dusk 'til Dawn, BlinkLink® Scheduling, Time Clock, and Custom input program activation options.

☒ ☐

The Controller shall have LED-Warning Control compatibility with BlinkerSign®, BlinkerBeacon™, and RRFB-XL2™.

☐ ☒

The controller shall have dimmable which will be:

- Auto-adjustable via solar panel (6V systems)
- Auto-adjustable via photocell sensor (12V systems)

☐ ☐☒ ☐

The controller shall include an internal system clock (with on-board battery backup) and provide options for activation scheduling, including user-programmable adjustments for Daylight Saving Time.

☒ ☐

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE	
YES	NO

OPTIONS: (CONT'D)✓ **1F – Controller (Cont'd)**

The controller shall be capable of automatic brightness control.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The controller shall include an internal temperature monitor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The controller shall be capable of operation within the temperature range of -40°F to 176°F (-40°C to 80°C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The controller enclosure shall be conform to an Ingress Protection rating of IP-67 or better.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The dimensions of the controller enclosure shall not exceed 3.2"W x 3.7"H x 2.5"D.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

✓ **1G – Wireless Radio**

The sign assembly shall include a BlinkerBeam® wireless radio for interconnectivity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The radio shall be 6V and 12VDC with a power indicator light.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

The radio shall have 1 digital input, micro USB.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The radio shall have 2 digital output lines, host serial lines for over the air serial.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The radio shall be programmable locally using USB port or front-mounted joystick.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The radio shall have a backlit LCD display with 4 lines at 21 characters per line.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The radio types for this radio shall be:

- | | | |
|--------------------------------|-------------------------------------|--------------------------|
| • Low Power Device Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Low Power Activation Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard Low Power Radio. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Standard Medium Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard High Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |

The radio shall have a connectivity to up to 16 devices on one network.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The frequency of the radio shall be license free 900 MHz frequency hopping spread spectrum with 10 different RF patterns to prevent interference between collocated radio systems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The radio shall have a range up to 900 feet standard, or longer with optional antennas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The color of the status LEDs shall be red, green, yellow, and amber.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**

	COMPLIANCE	
	YES	NO

OPTIONS: (CONT'D)✓ **1G – Wireless Radio (Cont'd)**

The radio shall be FCC and ISSED compliant.

☒ ☐

The radio shall have optional outdoor antennas:

- Omni Whip
- Omni Dome
- Omni Base Station
- Yagi (for specific applications)

☒ ☐
☐ ☐
☐ ☐
☐ ☐

The radio shall operate in temperatures ranging from -40°F to 176°F (-40°C to 80°C) and in less than 90% relative humidity.

☒ ☐

The dimensions of the radio shall not exceed 3.2"W x 3.7"H x 2.5"D.

☒ ☐

✓ **1H – Solar Panel**

The solar panel shall be 55W.

☒ ☐

The nominal voltage shall be 12V.

☒ ☐

The open circuit voltage shall be 22.1V.

☒ ☐

The short circuit current shall be 3.31A.

☒ ☐

The maximum power voltage shall be 18.18V.

☒ ☐

The maximum power current shall be 3.1A.

☒ ☐

The solar panel shall have tempered glass.

☒ ☐

The frame shall be anodized aluminum.

☒ ☐

The solar panel shall be constructed with silicon cells encapsulated in double-layer EVA with a white polymer backing.

☒ ☐

The solar panel shall weigh 14 lbs.

☒ ☐

The solar panel shall be IP67 rated.

☒ ☐

The solar panel shall have various options available for mounting hardware.

☒ ☐

The operating temperature shall be -40°F to 194°F (-40°C to 90°C).

☒ ☐

✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE**YES NO****OPTIONS: (CONT'D)**✓ **1H – Solar Panel (Cont'd)**

The dimensions of the solar panel shall not exceed 25"W x 26"H x 1.5"D.

☒☐✓ **1I – Top-Of-Pole Bracket**

The bracket shall be aluminum.

☒☐

The bracket shall fit a 4 1/2" or 3" round pole.

☒☐

The brackets hardware shall be set screws.

☒☐✓ **1J – Side-Of-Pole Bracket**

The bracket shall be aluminum.

☐☐

The bracket is universal.

☒☐

The bracket shall have mounting hardware that includes banding, U-Bolt, or bolt.

☒☐✓ **1K – Battery**

The voltage of the battery shall be 12V.

☒☐

The capacity at C/100 shall be 50Ah.

☒☐

The vent of the battery shall be valve regulated.

☐☒

The terminal type shall be I6.

☐☒

The battery shall be non-spillable as defined by the Department of Transportation, International Commercial Airline Organization and International Airline Transport Association definitions.

☒☐

The battery weight shall not exceed 32.23 lbs.

☒☐

The dimensions of the battery shall not exceed 7.75"L x 6.49"W x 6.69"H.

☒☐

The battery shall operate in a temperature range of -40°F to 176°F (-40°C to 80°C).

☒☐✓ **ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES NO

OPTIONS: (CONT'D)

1L – Radar Detection

The power input shall be 6 to 18V DC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The icc@ 12V DC shall be 4.5 mA (0.054 watts).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The radar RF out shall be 5 mW maximum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The radar F center shall be 24.125 GHz or 24.200 GHz.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The pickup distance shall be up to 300 feet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The beam angle shall be 38° x 45°.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The operating temperature shall be -40°F to 185°F (-40°C to 85°C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The beam polarization shall be linear.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The serial port shall be RS232.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The FCC ID shall be TIASS300.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The dimensions of the radar shall not exceed 1.9"W x 2.1"H x 0.9"D	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1M – Heavy Duty Pole Package With Anchor Bolts

The domed pole cap shall be:		
• Cast Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Zinc Plated	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Fits 4 ½" outer diameter pole	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• (3X) ¼" x ½" square head machine screws	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The mounting brackets shall have:		
• (2X) Z-bracket single sided round pole mounting bracket made of aluminum.	<input type="checkbox"/>	<input type="checkbox"/>
• (2X) 5/16" x 5/8" bolt and nut set.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• (2X) 5/16" x 1 ¾" bolt and nut set.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The round aluminum pole shall be: (10' 373-10, 13' 373-13, 15' 373-15)		
• Schedule 40 aluminum pole.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• 4 ¼" outer diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• One end threaded	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – SOLAR CHEVRON RADAR SIGN, 30" X 36", AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS: (CONT'D)

✓ **1M – Heavy Duty Pole Package With Anchor Bolts (Cont'd)**

The pedestal base shall be:

- Cast Aluminum
- Threaded Collar
- Have an aluminum access door.
- FHWA Certified
- Meets or exceeds AASHTO break-away requirements.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

The bent anchor bolt shall be:

- (4X) ¾" x 18", galvanized steel bent anchor (foundation bolt), nut and washer (for frost free areas).
- (4X) 1" x 42", galvanized steel bent anchor (foundation bolt), nut and washer (for frost or snow-covered areas).

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL**

COMPLIANCE

YES NO

DESCRIPTION:

Ruggedized solar-powered sign assembly which alerts traffic to upcoming roadway curvature, including illuminated LEDs activated via radar detection.

☒ ☐

SIGN ASSEMBLY:

Sign assembly shall be compatible with TAPCO® Blinkersign interconnectivity.

☐ ☒

Sign assembly shall conform to TAPCO-Integrated Blinkersign® - Ruggedized specifications or equal and shall conform to TAPCO® drawing number 30R011 except the sign size shall be 30" W x 36" H.

☒ ☐

Sign shall conform to Section 2A.08 of the Manual on Uniform Traffic Control Devices for Streets and Highways 2009 Edition (MUTCD), as it relates to retroreflectivity and illumination.

☒ ☐

Sign face shall conform to designation W1-8L or W1-8R as described in Section 2C.09 of the MUTCD, except for 10 holes situated along the outline of the black chevron, of a size and shape appropriate for the display of light-emitting diodes (LEDs).

☒ ☐

Sign shall measure 30" W x 36" H in accordance with MUTCD Table 2C-2.

☒ ☐

Sign substrate shall consist of extra thick 0.10" aluminum front plate and standard 0.080" aluminum back plate. An extra thick 0.750" HDPE substrate with routed enclosure channels High Density Polyethylene substrate shall be between the front and back plates.

☒ ☐

Sheeting used shall be 3M DG3 diamond grade, or approved equal, with anti-graffiti overlay.

☒ ☐

Sign shall have environmentally sealed, high power 1 watt LEDs which have a life expectancy of 100,000 hours.

☒ ☐

Sign assembly shall include an LED string with 10 amber LEDs and 18" leads, fastened to the rear of the sign blank with aluminum wire channels, arranged in such a way that each LED can be seen through its own hole in the sign blank. This arrangement shall conform to TAPCO® drawing number 30R011.

☒ ☐

All electronic wiring shall be protected with liquid-tight conduit, and all connections shall conform to an Ingress Protection rating of IP-65 or better.

☒ ☐

Sign shall be visible for more than 1,000 feet in the daytime and for more than 1 mile in the nighttime.

☒ ☐

Sign shall have Z-bar standard, single post and double post mounting brackets.

☒ ☐

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

SIGN ASSEMBLY: (CONT'D)

Sign shall be capable of operating in temperature that range from -40°F to 122°F (-40°C to 50°C).

☒ ☐

CABINET:

NEMA 3R type certification.

☒ ☐

The cabinet shall be made of 0.080" aluminum.

☒ ☐

The cabinet shall have two tamper-resistant stainless steel hinges.

☒ ☐

The cabinet shall have four stainless steel studs for various mounting bracket options including banding, U-bolt, wall-mount, square pole, and wood post.

☒ ☐

The cabinet shall have replaceable #2 traffic lock with keys.

☒ ☐

The cabinet shall have screened vents on the side and door.

☒ ☐

The cabinet shall have screened drainage holes on the bottom.

☒ ☐

The cabinet shall have UV resistant labels applied to the exterior of the cabinet outlining model number, serial number, and date of manufacture, as well as any applicable regulatory information.

☒ ☐

All circuit components of the cabinet are attached or connected to a removable control panel for maintenance.

☒ ☐

The cabinet shall have a door mounted pouch containing system documents.

☒ ☐

The enclosure dimensions of the cabinet shall not exceed 12.5"W x 15"H x 9.9"D.

☒ ☐

ROUND POLE BANDING BRACKET:

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2 3/8" and larger, round poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

The hardware needed to mount to the bracket to a pole shall be banding up to 3/4" width (customer supplied). Worm drive clamp shall be included to assist in installation.

☒ ☐

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

ROUND POLE BANDING BRACKET: (CONT'D)

There shall be 2 brackets per cabinet.

☒ ☐

The dimensions of the bracket shall not exceed 6.8"W x 3.7"H x 1.1"D.

☒ ☐

SQUARE POLE BOLT-THROUGH BRACKET:

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2" to 6" square poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

MULTI-PURPOSE BRACKET:

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit a 2 3/8" to 4 1/2" round pole, square wood post or wall mount.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

The hardware needed to mount to the bracket to a pole will be included:

- Stainless steel U-bolts for round pole mount
- Lag bolts for square wood mount

☒ ☐

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

The dimensions of the bracket shall not exceed 7"W x 7.2"H x 0.7"D.

☒ ☐

CONTROLLER:

The controller shall be an IBM® Workload Scheduler controller.

☐ ☒

The controller shall be 6V and 12VDC with a power indicator light.

☐ ☒

The controller shall have 2 digital inputs.

☒ ☐

The controller shall have 2 two-channel outputs (able to drive two warnings per output).

☒ ☐

ITEM #2 - SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES NO

CONTROLLER: (CONT'D)

The controller shall be programmable locally using a serial input (RS232) or remotely using a cellular modem.

☒ ☐

The controller shall have 24/7, Dusk 'til Dawn, BlinkLink® Scheduling, Time Clock, and Custom input program activation options.

☒ ☐

The Controller shall have LED-Warning Control compatibility with BlinkerSign®, BlinkerBeacon™, and RRFB-XL2™.

☐ ☒

The controller shall have dimmable which will be:

- Auto-adjustable via solar panel (6V systems)
- Auto-adjustable via photocell sensor (12V systems)

☐ ☐

☒ ☐

The controller shall include an internal system clock (with on-board battery backup) and provide options for activation scheduling, including user-programmable adjustments for Daylight Saving Time.

☒ ☐

The controller shall be capable of automatic brightness control.

☒ ☐

The controller shall include an internal temperature monitor.

☒ ☐

The controller shall be capable of operation within the temperature range of -40°F to 176°F (-40°C to 80°C).

☒ ☐

The controller enclosure shall be conform to an Ingress Protection rating of IP-67 or better.

☒ ☐

The dimensions of the controller enclosure shall not exceed 3.2"W x 3.7"H x 2.5"D.

☐ ☒

WIRELESS RADIO:

The sign assembly shall include a BlinkerBeam® wireless radio for interconnectivity.

☐ ☒

The radio shall be 6V and 12VDC with a power indicator light.

☐ ☒

The radio shall have 1 digital input, micro USB.

☒ ☐

The radio shall have 2 digital output lines, host serial lines for over the air serial.

☒ ☐

The radio shall be programmable locally using USB port or front-mounted joystick.

☒ ☐

The radio shall have a backlit LCD display with 4 lines at 21 characters per line.

☐ ☒

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE**YES** **NO****WIRELESS RADIO: (CONT'D)**

The radio types for this radio shall be:

- | | | |
|--------------------------------|-------------------------------------|--------------------------|
| • Low Power Device Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Low Power Activation Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard Low Power Radio. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Standard Medium Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard High Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |

The radio shall have a connectivity to up to 16 devices on one network.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The frequency of the radio shall be license free 900 MHz frequency hopping spread spectrum with 10 different RF patterns to prevent interference between collocated radio systems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The radio shall have a range up to 900 feet standard, or longer with optional antennas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The color of the status LEDs shall be red, green, yellow, and amber.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The radio shall be FCC and ISSED compliant.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The radio shall have optional outdoor antennas:

- | | | |
|------------------------------------|-------------------------------------|--------------------------|
| • Omni Whip | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Omni Dome | <input type="checkbox"/> | <input type="checkbox"/> |
| • Omni Base Station | <input type="checkbox"/> | <input type="checkbox"/> |
| • Yagi (for specific applications) | <input type="checkbox"/> | <input type="checkbox"/> |

The radio shall operate in temperatures ranging from -40°F to 176°F (-40°C to 80°C) and in less than 90% relative humidity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The dimensions of the radio shall not exceed 3.2"W x 3.7"H x 2.5"D.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

SOLAR PANEL:

The solar panel shall be 55W.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------------------	-------------------------------------	--------------------------

The nominal voltage shall be 12V.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-----------------------------------	-------------------------------------	--------------------------

The open circuit voltage shall be 22.1V.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The short circuit current shall be 3.31A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The maximum power voltage shall be 18.18V.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE**YES** **NO****SOLAR PANEL: (CONT'D)**

The maximum power current shall be 3.1A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The solar panel shall have tempered glass.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The frame shall be anodized aluminum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The solar panel shall be constructed with silicon cells encapsulated in double-layer EVA with a white polymer backing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The solar panel shall weigh 14 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The solar panel shall be IP67 rated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The solar panel shall have various options available for mounting hardware.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The operating temperature shall be -40°F to 194°F (-40°C to 90°C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The dimensions of the solar panel shall not exceed 25"W x 26"H x 1.5"D.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

TOP-OF-POLE BRACKET:

The bracket shall be aluminum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The bracket shall fit a 4 ½" or 3" round pole.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The brackets hardware shall be set screws.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SIDE-OF-POLE BRACKET:

The bracket shall be aluminum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The bracket is universal.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The bracket shall have mounting hardware that includes banding, U-Bolt, or bolt.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

BATTERY:

The voltage of the battery shall be 12V.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The capacity at C/100 shall be 50Ah.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The vent of the battery shall be valve regulated.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The terminal type shall be I6.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

NATIONAL HIGHWAY PRODUCTS, INC.

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM

Page 22 of 33

COMPLIANCE

<u>YES</u>	<u>NO</u>
------------	-----------

BATTERY: (CONT'D)

The battery shall be non-spillable as defined by the Department of Transportation, International Commercial Airline Organization and International Airline Transport Association definitions.

☒ ☐

The battery weight shall not exceed 32.23 lbs.

☒ ☐

The dimensions of the battery shall not exceed 7.75"L x 6.49"W x 6.69"H.

☒ ☐

The battery shall operate in a temperature range of -40°F to 176°F (-40°C to 80°C).

☒ ☐

RADAR DETECTION:

The power input shall be 6 to 18V DC.

☒ ☐

The icc@ 12V DC shall be 4.5 mA (0.054 watts).

☒ ☐

The radar RF out shall be 5 mW maximum.

☒ ☐

The radar F center shall be 24.125 GHz or 24.200 GHz.

☒ ☐

The pickup distance shall be up to 300 feet.

☒ ☐

The beam angle shall be 38° x 45°.

☐ ☒

The operating temperature shall be -40°F to 185°F (-40°C to 85°C).

☒ ☐

The beam polarization shall be linear.

☒ ☐

The serial port shall be RS232.

☒ ☐

The FCC ID shall be TIASS300.

☐ ☒

The dimensions of the radar shall not exceed 1.9"W x 2.1"H x 0.9"D

☐ ☒

HEAVY DUTY POLE PACKAGE WITH ANCHOR BOLTS:

The domed pole cap shall be:

- Cast Aluminum
- Zinc Plated
- Fits 4 ½" outer diameter pole
- (3X) ¼" x ½" square head machine screws

☒ ☐
☐ ☒
☒ ☐
☒ ☐

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES NO

HEAVY DUTY POLE PACKAGE WITH ANCHOR BOLTS: (CONT'D)

The mounting brackets shall have:

- | | | |
|---|-------------------------------------|--------------------------|
| • (2X) Z-bracket single sided round pole mounting bracket made of aluminum. | <input type="checkbox"/> | <input type="checkbox"/> |
| • (2X) 5/16" x 5/8" bolt and nut set. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • (2X) 5/16" x 1 3/4" bolt and nut set. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The round aluminum pole shall be: (10' 373-10, 13' 373-13, 15' 373-15)

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| • Schedule 40 aluminum pole. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • 4 1/4" outer diameter | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • One end threaded | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The pedestal base shall be:

- | | | |
|--|-------------------------------------|--------------------------|
| • Cast Aluminum | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Threaded Collar | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Have an aluminum access door. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • FHWA Certified | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Meets or exceeds AASHTO break-away requirements. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The bent anchor bolt shall be:

- | | | |
|--|-------------------------------------|--------------------------|
| • (4X) 3/4" x 18", galvanized steel bent anchor (foundation bolt), nut and washer (for frost free areas). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • (4X) 1" x 42", galvanized steel bent anchor (foundation bolt), nut and washer (for frost or snow-covered areas). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

OPTIONS:

✓ **2A – Sign Assembly**

Sign assembly shall be compatible with TAPCO® Blinkersign interconnectivity. ☐ ☒

Sign assembly shall conform to TAPCO-Integrated Blinkersign® - Ruggedized specifications or equal and shall conform to TAPCO® drawing number 30R011 except the sign size shall be 30" W x 36" H. ☒ ☐

Sign shall conform to Section 2A.08 of the Manual on Uniform Traffic Control Devices for Streets and Highways 2009 Edition (MUTCD), as it relates to retroreflectivity and illumination. ☒ ☐

Sign face shall conform to designation W1-8L or W1-8R as described in Section 2C.09. of the MUTCD, except for 10 holes situated along the outline of the black chevron, of a size and shape appropriate for the display of light-emitting diodes (LEDs). ☒ ☐

Sign shall measure 30" W x 36" H in accordance with MUTCD Table 2C-2. ☒ ☐

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

NATIONAL HIGHWAY PRODUCTS, INC.

SOLAR POWERED LED CHEVRON RADAR SIGNS AND CURVE WARNING SYSTEM

Page 24 of 33

COMPLIANCE

YES NO

OPTIONS:

2A – Sign Assembly (Cont'd)

Sign substrate shall consist of extra thick 0.10" aluminum front plate and standard 0.080" aluminum back plate. An extra thick 0.750" HDPE substrate with routed enclosure channels High Density Polyethylene substrate shall be between the front and back plates.

☒ ☐

Sheeting used shall be 3M DG3 diamond grade, or approved equal, with anti-graffiti overlay.

☒ ☐

Sign shall have environmentally sealed, high power 1 watt LEDs which have a life expectancy of 100,000 hours.

☒ ☐

Sign assembly shall include an LED string with 10 amber LEDs and 18" leads, fastened to the rear of the sign blank with aluminum wire channels, arranged in such a way that each LED can be seen through its own hole in the sign blank. This arrangement shall conform to TAPCO® drawing number 30R011.

☒ ☐

All electronic wiring shall be protected with liquid-tight conduit, and all connections shall conform to an Ingress Protection rating of IP-65 or better.

☒ ☐

Sign shall be visible for more than 1,000 feet in the daytime and for more than 1 mile in the nighttime.

☒ ☐

Sign shall have Z-bar standard, single post and double post mounting brackets.

☒ ☐

Sign shall be capable of operating in temperature that range from -40°F to 122°F (-40°C to 50°C).

☒ ☐

2B – Cabinet

NEMA 3R type certification.

☒ ☐

The cabinet shall be made of 0.080" aluminum.

☒ ☐

The cabinet shall have two tamper-resistant stainless steel hinges.

☒ ☐

The cabinet shall have four stainless steel studs for various mounting bracket options including banding, U-bolt, wall-mount, square pole, and wood post.

☒ ☐

The cabinet shall have replaceable #2 traffic lock with keys.

☒ ☐

The cabinet shall have screened vents on the side and door.

☒ ☐

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE

YES **NO****OPTIONS: (CONT'D)****2B – Cabinet (Cont'd)**

The cabinet shall have screened drainage holes on the bottom.

☒ ☐

The cabinet shall have UV resistant labels applied to the exterior of the cabinet outlining model number, serial number, and date of manufacture, as well as any applicable regulatory information.

☒ ☐

All circuit components of the cabinet are attached or connected to a removable control panel for maintenance.

☒ ☐

The cabinet shall have a door mounted pouch containing system documents.

☒ ☐

The enclosure dimensions of the cabinet shall not exceed 12.5"W x 15"H x 9.9"D.

☒ ☐

2C – Round Pole Banding Bracket

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2 3/8" and larger, round poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

The hardware needed to mount to the bracket to a pole shall be banding up to 3/4" width (customer supplied). Worm drive clamp shall be included to assist in installation.

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

The dimensions of the bracket shall not exceed 6.8"W x 3.7"H x 1.1"D.

☒ ☐

2D – Square Pole Bolt-Through Bracket

The bracket shall be made of aluminum.

☒ ☐

The bracket shall fit 2" to 6" square poles.

☒ ☐

The hardware needed to mount the bracket to the cabinet shall be stainless steel and included.

☒ ☐

There shall be 2 brackets per cabinet.

☒ ☐

ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**COMPLIANCE**

YES **NO**

OPTIONS: (CONT'D)

✓ **2E – Multi-Purpose Bracket**

- | | | |
|--|-------------------------------------|--------------------------|
| The bracket shall be made of aluminum. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The bracket shall fit a 2 3/8" to 4 1/2" round pole, square wood post or wall mount. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The hardware needed to mount the bracket to the cabinet shall be stainless steel and included. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The hardware needed to mount to the bracket to a pole will be included: | | |
| • Stainless steel U-bolts for round pole mount | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Lag bolts for square wood mount | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| There shall be 2 brackets per cabinet. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The dimensions of the bracket shall not exceed 7"W x 7.2"H x 0.7"D. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

✓ **2F – Controller**

- | | | |
|---|-------------------------------------|-------------------------------------|
| The controller shall be an IBM® Workload Scheduler controller. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The controller shall be 6V and 12VDC with a power indicator light. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The controller shall have 2 digital inputs. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall have 2 two-channel outputs (able to drive two warnings per output). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall be programmable locally using a serial input (RS232) or remotely using a cellular modem. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall have 24/7, Dusk 'til Dawn, BlinkLink® Scheduling, Time Clock, and Custom input program activation options. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The Controller shall have LED-Warning Control compatibility with BlinkerSign®, BlinkerBeacon™, and RRFB-XL2™. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The controller shall have dimmable which will be: | | |
| • Auto-adjustable via solar panel (6V systems) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Auto-adjustable via photocell sensor (12V systems) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall include an internal system clock (with on-board battery backup) and provide options for activation scheduling, including user-programmable adjustments for Daylight Saving Time. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES **NO**

OPTIONS: (CONT'D)

✓ **2F – Controller (Cont'd)**

- | | | |
|--|-------------------------------------|-------------------------------------|
| The controller shall be capable of automatic brightness control. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall include an internal temperature monitor. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller shall be capable of operation within the temperature range of -40°F to 176°F (-40°C to 80°C). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The controller enclosure shall be conform to an Ingress Protection rating of IP-67 or better. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The dimensions of the controller enclosure shall not exceed 3.2"W x 3.7"H x 2.5"D. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

✓ **2G – Wireless Radio**

- | | | |
|--|-------------------------------------|-------------------------------------|
| The sign assembly shall include a BlinkerBeam® wireless radio for interconnectivity. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The radio shall be 6V and 12VDC with a power indicator light. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The radio shall have 1 digital input, micro USB. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The radio shall have 2 digital output lines, host serial lines for over the air serial. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The radio shall be programmable locally using USB port or front-mounted joystick. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The radio shall have a backlit LCD display with 4 lines at 21 characters per line. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The radio types for this radio shall be: | | |
| • Low Power Device Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Low Power Activation Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard Low Power Radio. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Standard Medium Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Standard High Power Radio. | <input type="checkbox"/> | <input type="checkbox"/> |
| The radio shall have a connectivity to up to 16 devices on one network. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The frequency of the radio shall be license free 900 MHz frequency hopping spread spectrum with 10 different RF patterns to prevent interference between collocated radio systems. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The radio shall have a range up to 900 feet standard, or longer with optional antennas. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES **NO**

OPTIONS: (CONT'D)

✓ **2G – Wireless Radio (Cont'd)**

The color of the status LEDs shall be red, green, yellow, and amber. ☐ ☒

The radio shall be FCC and ISSED compliant. ☒ ☐

The radio shall have optional outdoor antennas:

- Omni Whip ☒ ☐
- Omni Dome ☐ ☐
- Omni Base Station ☐ ☐
- Yagi (for specific applications) ☐ ☐

The radio shall operate in temperatures ranging from -40°F to 176°F (-40°C to 80°C) and in less than 90% relative humidity. ☒ ☐

The dimensions of the radio shall not exceed 3.2"W x 3.7"H x 2.5"D. ☒ ☐

✓ **2H – Solar Panel**

The solar panel shall be 55W. ☒ ☐

The nominal voltage shall be 12V. ☒ ☐

The open circuit voltage shall be 22.1V. ☒ ☐

The short circuit current shall be 3.31A. ☒ ☐

The maximum power voltage shall be 18.18V. ☒ ☐

The maximum power current shall be 3.1A. ☒ ☐

The solar panel shall have tempered glass. ☒ ☐

The frame shall be anodized aluminum. ☒ ☐

The solar panel shall be constructed with silicon cells encapsulated in double-layer EVA with a white polymer backing. ☐ ☐

The solar panel shall weigh 14 lbs. ☒ ☐

The solar panel shall be IP67 rated. ☒ ☐

The solar panel shall have various options available for mounting hardware. ☒ ☐

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES **NO**

OPTIONS: (CONT'D)

✓ **2H – Solar Panel (Cont'd)**

The operating temperature shall be -40°F to 194°F (-40°C to 90°C). ☒ ☐

The dimensions of the solar panel shall not exceed 25"W x 26"H x 1.5"D. ☒ ☐

✓ **2I – Top-Of-Pole Bracket**

The bracket shall be aluminum. ☒ ☐

The bracket shall fit a 4 ½" or 3" round pole. ☒ ☐

The brackets hardware shall be set screws. ☒ ☐

✓ **2J – Side-Of-Pole Bracket**

The bracket shall be aluminum. ☒ ☐

The bracket is universal. ☒ ☐

The bracket shall have mounting hardware that includes banding, U-Bolt, or bolt. ☒ ☐

✓ **2K – Battery**

The voltage of the battery shall be 12V. ☒ ☐

The capacity at C/100 shall be 50Ah. ☒ ☐

The vent of the battery shall be valve regulated. ☐ ☒

The terminal type shall be I6. ☐ ☒

The battery shall be non-spillable as defined by the Department of Transportation, International Commercial Airline Organization and International Airline Transport Association definitions. ☒ ☐

The battery weight shall not exceed 32.23 lbs. ☒ ☐

The dimensions of the battery shall not exceed 7.75"L x 6.49"W x 6.69"H. ☒ ☐

The battery shall operate in a temperature range of -40°F to 176°F (-40°C to 80°C). ☒ ☐

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES **NO**

OPTIONS: (CONT'D)

✓ **2L – Radar Detection**

The power input shall be 6 to 18V DC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The icc@ 12V DC shall be 4.5 mA (0.054 watts).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The radar RF out shall be 5 mW maximum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The radar F center shall be 24.125 GHz or 24.200 GHz.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The pickup distance shall be up to 300 feet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The beam angle shall be 38° x 45°.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The operating temperature shall be -40°F to 185°F (-40°C to 85°C).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The beam polarization shall be linear.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The serial port shall be RS232.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The FCC ID shall be TIASS300.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The dimensions of the radar shall not exceed 1.9"W x 2.1"H x 0.9"D	<input type="checkbox"/>	<input checked="" type="checkbox"/>

✓ **2M – Heavy Duty Pole Package With Anchor Bolts**

The domed pole cap shall be:

• Cast Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Zinc Plated	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Fits 4 ½" outer diameter pole	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• (3X) ¼" x ½" square head machine screws	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The mounting brackets shall have:

• (2X) Z-bracket single sided round pole mounting bracket made of aluminum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• (2X) 5/16" x 5/8" bolt and nut set.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• (2X) 5/16" x 1 ¾" bolt and nut set.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The round aluminum pole shall be: (10' 373-10, 13' 373-13, 15' 373-15)

• Schedule 40 aluminum pole.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• 4 ¼" outer diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• One end threaded	<input checked="" type="checkbox"/>	<input type="checkbox"/>

✓ **ITEM #2 – SOLAR CHEVRON RADAR SIGN, 30" X 36", RUGGEDIZED, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE

YES

NO

OPTIONS: (CONT'D)

2M -- Heavy Duty Pole Package With Anchor Bolts (Cont'd)

The pedestal base shall be:

- Cast Aluminum
- Threaded Collar
- Have an aluminum access door.
- FHWA Certified
- Meets or exceeds AASHTO break-away requirements.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

The bent anchor bolt shall be:

- (4X) 3/4" x 18", galvanized steel bent anchor (foundation bolt), nut and washer (for frost free areas).
- (4X) 1" x 42", galvanized steel bent anchor (foundation bolt), nut and washer (for frost or snow-covered areas).

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

ITEM #3 -- CURVE WARNING SYSTEM, AS SPECIFIED OR EQUAL

COMPLIANCE

YES

NO

DESCRIPTION:

Solar powered chevron sign retrofit that outlines the standard chevron sign legend with LEDs.

☒ ☐

SIGN RETROFIT:

Sign retrofit shall conform to TrafficCalm® Curve Warning System, Flashing Sign System.

☒ ☐

FLUSH MOUNT LED FLASHER RINGS:

☐ ☐

Size – Standard Chevron Legend Size for 30" x 36" sign size. Reference MUTCD. 0.08" 5052 grade, black powder coated aluminum.

☒ ☐

Mounting – Bolt-Mounting directly to sign and post.

☒ ☐

LEDs – Amber (590 nm): 15 degree cone view; Rated 100,000 hours; 2.4K CDA/M², Auto Dimming Employed

☒ ☐

Power – 10V to 18V, OW standby or OFF (No power required)

☒ ☐

Flash Patterns – 50 – 60 flashes per minute; 50% Duty Cycle. Additional alternative flash patterns available and are user programmable.

☒ ☐

Dimming – 100 levels as determined by solar panel illumination or light sensor (AC).

☒ ☐

RADAR:

3.75" W X 2.5" H X 2.25" D

☒ ☐

Weatherproof NEMA 4 enclosure.

☒ ☐

K-band (24.15GHz)

☒ ☐

Average Range – 1,000' / 305m

☒ ☐

CONTROLLER / COLLABATOR UNIT – SOLAR:

☐ ☐

Weight with Battery – 20W = 25 lbs (11.3 kg) 30 Watt = 28 lbs (12.7 kg) excluding poles

☒ ☐

Voltage – 12VDC Nominal

☒ ☐

Charger – Smart solar charger 14.6VDC, 28W temperature protected

☒ ☐

ITEM #3 – CURVE WARNING SYSTEM, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

CONTROLLER / COLLABATOR UNIT – SOLAR: (CONT'D)

Communications – Wireless Meshnet integration (device 2 device, +1,000ft range, repeatable signal, configurable network ID, AES-128 Encryption security, DSSS transmission on selectable channels)

☒ ☐

Battery Reserve – 28 days at standard load (standard load = 25% activations per day with a single flasher ring) with no sunlight

☒ ☐

Isolation Required – 2 hours of good sunlight each day at standard load

☒ ☐

Panel Supplied – 20W, 30W, 50W, and 60W available

☒ ☐

Outputs – 2 chevrons at 10W each

☒ ☐

Enclosure Rating – NEMA 4

☒ ☐

Mounting – Universal Pole Mount included (Optional Top of Pole and Side of Pole extension mounts available)

☒ ☐

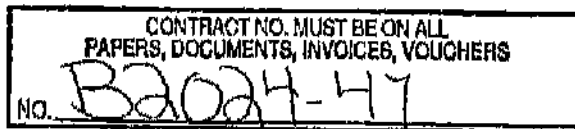
SYSTEM OPERATING TEMPERATURE RANGE:

Components: -40°C to +74°C

☒ ☐

Battery: -40°C to +60°C (Low Temp "E" Variation required)

☒ ☐



RESOLUTION

March 20, 2024

WHEREAS, on February 21, 2024, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of IRRIGATION SYSTEMS WINTERIZATION AND REPAIRS for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Jersey Shore Lawn Sprinkler
Construction Company, Inc.
870 Route 530
Whiting, NJ 08759
(732) 684-0677

RPM Landscape Contractor, LLC
PO Box 1167
Hammonton, NJ 08037
(609) 568-6081

Name and Address of Bidder

Eastern Irrigation & Pump
Company
130 Devereux Rd.
Glenmoore, PA 19343
(484) 942-9639

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, JERSEY SHORE LAWN SPRINKLER CONSTRUCTION COMPANY, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of Irrigation Systems Winterization and Repairs for the County of Ocean, for the contract period effective from date of award until March 19, 2025, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15. The County reserves the right to extend the contract for one (1) additional year by mutual agreement between the County and the Contractor with no increase in base price.

A. JERSEY SHORE LAWN SPRINKLER CONSTRUCTION COMPANY, INC., for twelve (12) items, to wit:

ITEM NO. 1, 2a, 2b, 2c, 3, 4a, 4b, 5a, 5b, 6a, 6b and 7.

For a Total Lump Sum Award (Item #'s 1 - 7) of \$164,500.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the materials and services to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for services shall be available within the following funding Source:
County Superintendent of Buildings and Grounds O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2024-47.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, Department of Purchasing, Department of Finance, County Superintendent of Buildings and Grounds, and Jersey Shore Lawn Sprinkler Construction Company, Inc. the successful bidder.

JERSEY SHORE LAWN SPRINKLER CONSTRUCTION COMPANY, INC.

RESPONSE DOCUMENT REPORT

Bid No, TBD

IRRIGATION SYSTEMS WINTERIZATION AND REPAIRS

Line Item	Description	Est. Qty (1 Year)	Unit of Meas.	Unit Price	Total Price	Markup %	Comments
✓ 1	Building and Grounds Department, Winterization Per System	38	EA	\$0.00	\$0.00		NO CHARGE
PARKS DEPARTMENT							
✓ 2a	Parks Department, Forge Pond Course, Bricktown, Winterization	1	EA	\$0.00	\$0.00		NO CHARGE
✓ 2b	Parks Department, Atlantis Golf Course, Little Egg Harbor Township, Winterization	1	EA	\$0.00	\$0.00		NO CHARGE
✓ 2c	Parks Department, Winterization Per System	17	EA	\$0.00	\$0.00		NO CHARGE
LIBRARIES							
✓ 3	Ocean County Library System, Winterization Per System	17	EA	\$0.00	\$0.00		NO CHARGE
HOURLY LABOR RATE & MATERIAL							
✓ 4a	Buildings and Grounds, Regular Working Hrs., Mechanic Rate	400	HR	\$70.00	\$28,000.00		
✓ 4b	Buildings and Grounds, Overtime Working Hrs., Mechanic Rate	200	HR	\$0.00	\$0.00		NO CHARGE
✓ 5a	Parks Department, Regular Working Hrs., Mechanic Rate	500	HR	\$70.00	\$35,000.00		
✓ 5b	Parks Department, Overtime Working Hrs., Mechanic Rate	50	HR	\$0.00	\$0.00		NO CHARGE
✓ 6a	Library System, Regular Working Hrs., Mechanic Rate	350	HR	\$70.00	\$24,500.00		
✓ 6b	Library System, Overtime Working Hrs., Mechanic Rate	100	HR	\$0.00	\$0.00		NO CHARGE
✓ 7	Material Cost and Mark-Up for all Departments (\$55,000.00 x <u> </u> % + \$55,000.00) = Use the Unit Price Column to Enter Your Result. Enter your markup in the % MARKUP COLUMN.	1	LS	\$77,000.00	\$77,000.00	40%	<i>[Signature]</i>
TOTAL					\$164,500.00		

RESPONSE DOCUMENT REPORT

Bid - IRRIGATION SYSTEMS WINTERIZATION AND REPAIRS

Page 8

RESOLUTION

March 20, 2024

WHEREAS, on February 13, 2024, pursuant to legal advertisements therefor, sealed bids were received for the RECONSTRUCTION OF THE MANCHESTER AVENUE (C.R. 10) AND WESTERN BOULEVARD (C.R. 85)/HAINES STREET SIGNALIZED INTERSECTION, TOWNSHIP OF LACEY, County of Ocean, State of New Jersey; and

WHEREAS, at the advertised time, responses were received from the following bidders:

<u>Name and Address of Bidder</u>	<u>Name and Address of Bidder</u>
South State, Inc. PO Box 68 Bridgeton, NJ 08302 (856) 451-5300	Earle Asphalt Company PO Box 556 Farmingdale, NJ 07727 (732) 308-1113
Seacoast Construction, Inc. 15 Addington Court East Brunswick, NJ 08816 (732) 238-6963	Lucas Brothers, Inc. 80 Amboy Road Morganville, NJ 07751 (732) 536-6663
Command Co., Inc. 1318 Antwerp Ave. Egg Harbor City, NJ 08215 (609) 965-0399	C.J. Hesse, Inc. 25 First Avenue Atlantic Highlands, NJ 07716 (732) 291-8100

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has referred all bids to the County Engineer for study and recommendation to the Board; and

WHEREAS, the County Engineer has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, SOUTH STATE, INC., be accepted for the Reconstruction of the Manchester Avenue (C.R. 10) and Western Boulevard (C.R. 85)/Haines Street Signalized Intersection, Township of Lacey.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract with South State, Inc., for the total amount of \$797,000.00, in accordance with plans and specifications prepared by the County Engineer. All work under this Contract shall be completed within **seventy (70)** calendar days.

2. The Department of Finance has certified that funds are available in Account No. 210-185-0060 in the amount of \$17,500.00 account No. 300-185-X404 in the amount of \$779,500.00 to cover this contract and the amount of the contract shall be encumbered against the said Appropriations.

3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2024-40E.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to each of the following:

- a. County Auditor;
- b. County Department of Purchasing;
- c. Department of Finance; and
- d. County Engineer who shall see that the successful bidder enters into a proper contract for the faithful performance of their bid and that said contract is duly filed with the Clerk of this Board; and who shall see that the successful bidder furnishes to the County of Ocean a properly executed surety company bond for the faithful performance of their contract.

**No Associated
Documents**

R E S O L U T I O N

March 20, 2024

WHEREAS, Contract No. B2022-70E was entered into on May 4, 2022 with Insituform Technologies, LLC, Contractor, for work and services in relation to the Stormwater Management Contract 2022A, Various Townships, Ocean County, New Jersey; and

WHEREAS, during the course of construction minor modifications to contract quantities have become necessary to improve conditions; and

WHEREAS, the County Engineer of the County of Ocean has duly filed with this Board a request for a Change Order stating the facts involved and certifying that the proposed Change Order is consistent with regulations for such Change Orders promulgated by the New Jersey Department of Community Affairs, Division of Local Government Services, under authority of N.J.S.A. 52:27BB-32; and

WHEREAS, the Contractor has agreed to accept these changes to the Contract pursuant to the provisions of Sections 104 and 109 of the Standard Specifications; and

WHEREAS, adequate funds are available in Account No. 301-185-X306-6800 in the amount of \$2,004.00.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, in the STATE OF NEW JERSEY, that:

1. The County Engineer is hereby authorized to issue Amendatory Contract and Change Order No. 3 to Insituform Technologies, LLC as follows: Extra Work Order in the amount of \$2,004.00 in connection with the project known as Stormwater Management Contract 2022A, Various Townships, Ocean County, New Jersey.

2. The Director and Clerk of this Board are hereby authorized and directed to enter into an Amendatory Contract with Insituform Technologies, LLC to cover the Change Order No. 3.

3. A certified copy of this resolution shall be sent to the County Engineer, the County Treasurer, the County Auditor and Insituform Technologies, LLC.

**No Associated
Documents**

RESOLUTION

March 20, 2024

WHEREAS, there exists a need for Professional Engineering Services – Solid Waste Management and Recycling to support recycling, composting and solid waste programs as well as the post-closure care and maintenance at the Southern Ocean Landfill; and

WHEREAS, the County of Ocean has publicly solicited a Request for Qualifications for such services in accordance with the requirements of N.J.S.A. 19:44A-20.4; and

WHEREAS, the two responses received by the County of Ocean were reviewed by the Ocean County Department of Solid Waste Management and the Ocean County Consultant Selection Review Committee in accordance with the criteria approved by the Ocean County Board of Commissioners and set forth in the Request for Qualifications; and

WHEREAS, the Ocean County Department of Solid Waste Management and the Ocean County Consultant Selection Review Committee has recommended that an Agreement be awarded to Mott MacDonald, LLC, 111 Wood Avenue South, Iselin, New Jersey 08830-4112, to provide such services, as requested by the Ocean County Department of Solid Waste Management, as more specifically set forth in this Agreement; and

WHEREAS, the not to exceed amount for these services is estimated at \$357,000 based on a reasonable estimate required for the period of 03/20/2024 through 03/19/2025. This not to exceed amount is not necessarily indicative of the amount that will be expended; and

WHEREAS, funds for these services shall be available within the following funding sources:

1. Solid Waste O.F. Budget (016-156-5088)
2. Southern Ocean Landfill Post-Closure Escrow Account (308-155-2202)

WHEREAS, some services will be performed on an as-needed basis, when and as directed by Ocean County, as more specifically set forth in the Agreement; and

WHEREAS, those services performed on an as-needed basis shall be authorized by purchase order only and shall be approved by the Ocean County Department of Finance, which Department shall encumber said funds when the purchase order is issued; and

WHEREAS, this contract is awarded as a professional service in accordance with N.J.S.A.40A:11-5, as the services to be performed are specialized and quantitative in nature and will be performed under the supervision of a licensed professional engineer; and

WHEREAS, this contract is awarded in compliance with the provisions of N.J.S.A.19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Agreement with Mott MacDonald, LLC, 111 Wood Avenue South, Iselin, New Jersey 08830-4112, for the provision of the professional services set forth above.
2. This Agreement is awarded as a professional service in accordance with N.J.S.A.40A:11-5 of the local Public Contract Law.
3. A notice of this action shall be published once as required by law.
4. The contract number must be placed on all papers, documents, invoices and payment documents pertaining to said contract.
5. A certified copy of this Resolution, together with a copy of the agreement executed by the parties shall remain on file and be available for public inspection at the Office of the Clerk of the Board of Commissioners.
6. A certified copy of this Resolution shall be made available to:

Ocean County Comptroller
Ocean County Auditor
Director of Solid Waste Management
Director of Purchasing
County Counsel
Mott MacDonald, LLC

CONTRACT NO. MUST BE ON ALL PAPERS, DOCUMENTS, INVOICES, VOUCHERS	
NO.	QP2024-07

RESOLUTION

March 20, 2024

WHEREAS, on January 17, 2024, a Professional Services Contract was awarded to Dilworth Paxson, LLP to provide Bond Counsel Services for the period of 1/1/2024 through 12/31/2024 and was assigned Contract No. QP2024-07; and

WHEREAS, the Professional Services Contract executed by the Board of Commissioner included the 2023 fee schedule; and

WHEREAS, it is necessary to amend the Professional Services Contract to include the 2024 fee schedule.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, that the Director and Clerk of the Board are hereby authorized to execute an amendatory Professional Services Contract to include the 2024 Fee Schedule.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Ocean County Finance Department and Dilworth Paxson, LLP.

RESOLUTION

March 20, 2024

WHEREAS, on December 20, 2023, the Ocean County Board of Commissioners awarded an Agreement to **Bright Harbor Healthcare**, 687 Atlantic City Boulevard, Bayville, NJ 08721 to provide such services, for January 1, 2024 through December 31, 2024, in an amount not to exceed \$1,496,890.00; and

WHEREAS, the Compensation Section of the Agreement contained an error in the amounts appropriated from the Mental Health Pro – Temporary Budget and Mental Health Pro – Regular Budget and it is necessary to correct those amounts as indicated below; and

WHEREAS, additional funding is also available to increase services from accounts maintained by the Ocean County Prosecutor's Office; and

WHEREAS, the amount of \$1,496,890.00 is now increased to \$1,536,890.00.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS, OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, that the Agreement with Bright Harbor Healthcare is now amended as follows:

<u>Fund</u>	<u>Account</u>	<u>Original Amount</u>	<u>Increase/ Decrease</u>	<u>Revised Amount</u>
Mental Health Pro – Temporary Budget	016-205-5018	\$ 444,808.00	\$0.00	\$ 444,808.00
Mental Health Pro – Regular Budget	016-205-5018	\$ 758,192.00	\$0.00	\$ 758,192.00
American Rescue Plan Act/On Point Expansion	021-205-AR04	\$ 220,000.00	\$0.00	\$ 220,000.00
CLETA	216-060-0058	\$ 73,890.00	\$0.00	\$ 73,890.00
Operation Helping Hand FY23/24	017-803-AB82	\$0.00	\$40,000.00	\$40,000.00

BE IT FURTHER RESOLVED that contract number CC2023-152 must be placed on all papers, documents, invoices, and vouchers pertaining to this Agreement.

BE IT FURTHER RESOLVED that the Director and Clerk of the Board are hereby authorized and directed to execute any necessary subsequent and related documents.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Ocean County Department of Finance, County Auditor, Department of Human Services, Prosecutor's Office, and Bright Harbor Healthcare.

RESOLUTION

March 20, 2024

WHEREAS, on May 3, 2023 a resolution was adopted awarding a purchase order to Stantec Consulting Services, Inc. for Traffic Engineering Professional Services for Ocean County Transportation Model Update, under contract QP2023-50 for the lump sum fee of ONE HUNDRED THIRTY THREE THOUSAND SEVEN HUNDRED SIXTEEN AND 61/100 DOLLARS (\$133,716.61); and

WHEREAS, it has been determined that additional Traffic Engineering Professional Services be conducted in the project area; and

WHEREAS, funds are available in Account Number 301-185-X108-6600 in the amount of TEN THOUSAND NINETY FIVE AND 76/100 DOLLARS (\$10,095.76) to cover this additional work; and

NOW, THEREFORE, BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, that the project specific proposal is amended to include these additional Traffic Engineering Professional Services for the Ocean County Transportation Model Update in the County of Ocean.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Ocean County Engineering Department, Finance Department, County Auditor, County Counsel, Purchasing Department and Stantec Consulting Services, Inc.

RESOLUTION

March 20, 2024

WHEREAS, there exists a need for Control System Engineering Services for Ocean County Movable Bridges, Ocean County, New Jersey; and

WHEREAS, the Ocean County Engineer has solicited proposals for Control System Engineering Services for Ocean County Movable Bridges; and

WHEREAS, said proposals have been received and reviewed by the Ocean County Engineer and the Consultant Selection Review Committee established by the Board; and

WHEREAS, the Consultant Selection Review Committee has recommended that an agreement for Control System Engineering Services for Ocean County Movable Bridges be awarded to **Marchetti Bros., LLC** for one year from March 18, 2024 to March 17, 2025; and

WHEREAS, Marchetti Bros., LLC submitted a responsive proposal; and

WHEREAS, Marchetti Bros., LLC demonstrated experience with movable bridge systems; and

WHEREAS, Marchetti Bros., LLC has employees with a proven track record; and

WHEREAS, Marchetti Bros., LLC submitted the lowest fee proposal for this project; and

WHEREAS, funds are available in an amount not to exceed \$126,655.80 in Account No. 419-185-X003; and

WHEREAS, the Local Public Contracts Law (N.J.S.A. 40A:11-1 et seq.) requires that a notice be published of an award of an Agreement for professional services; and

WHEREAS, the County reserves the right to cancel this contract at any time during the contract term if said funds are not appropriated.

NOW, THEREFORE, BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Agreement with **Marchetti Bros., LLC**, 1018 Overbrook Road, Wilmington, Delaware 19807, for Control System Engineering Services

for Ocean County Movable Bridges, as more specifically set forth in that Agreement.

2. This Agreement is awarded as a professional service in accordance with N.J.S.A. 40A:11-5, as the services required in connection with this Agreement shall be provided by a licensed Control System Engineer as defined therein.
3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract.
4. Copies of this Resolution, together with a copy of the Agreement, shall be maintained on file and available for public inspection in the Office of the Clerk of the Board of Commissioners during normal business hours.
5. A notice of this action shall be published once as required by law.
6. A certified copy of this Resolution shall be forwarded **Marchetti Bros., LLC** and made available to the Ocean County Comptroller, County Auditor, Engineering Department, Purchasing Department and County Counsel.

**No Associated
Documents**

R E S O L U T I O N

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that **DEBBIE BEYMAN, Lakewood**, is hereby appointed to serve as a new member of the **OCEAN COUNTY PLANNING BOARD** for a term of three (3) years, term to expire March 19, 2027.

BE IT FURTHER RESOLVED that **MATTHEW LOTANO, Toms River** is hereby appointed as a new alternate member of the **OCEAN COUNTY PLANNING BOARD**, to fill the unexpired term of Debbie Beyman, term to expire December 31, 2024.

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Planning Board, Ocean County Clerk and to the appointees.

R E S O L U T I O N

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that the following individual is hereby appointed as a new member of the **OCEAN COUNTY TRANSPORTATION ADVISORY COMMITTEE FOR SENIOR CITIZENS AND PERSONS WITH DISABILITIES** to fill the unexpired term of Megan O'Keefe, term to expire October 23, 2026:

**Robert Scott, Executive Director
Caregiver Volunteers of Central Jersey
Toms River, New Jersey**

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Transportation Advisory Committee for Senior Citizens and Persons with Disabilities and to the appointee.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that the following individuals are hereby reappointed as members of the **CATTUS ISLAND COUNTY PARK ADVISORY COUNCIL** for a term of three (3) years, term to expire March 31, 2027:

DR. ALBERT FERNANDEZ	Toms River
DUANE GREMBOWICZ	Toms River
ROBIN KURI	Toms River
JEAN MUTONE	Toms River

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Cattus Island County Park Advisory Council and to each appointee.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that **ROBERT E. STONE, JR. Toms River** is hereby reappointed as a member of the **OCEAN COUNTY CONSTRUCTION BOARD OF APPEALS** for a term of four (4) years, term to expire March 31, 2028.

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Construction Board of Appeals, the Ocean County Clerk and to the appointee.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that the following individuals are hereby reappointed to serve, without salary or other compensation, as members of the **OCEAN COUNTY BOARD OF HEALTH** for a term of three (3) years, term to expire March 23, 2027:

MAURICE B. HILL, JR.

Toms River

JOHN J. MALLON

Pine Beach

HENRY MANCINI

Manahawkin

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Board of Health, Ocean County Clerk and to each appointee.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that the following individual is hereby reappointed to serve, without salary or other compensation, as a member of the **OCEAN COUNTY MOSQUITO EXTERMINATION COMMISSION** for a term of three (3) years, term to expire March 31, 2027:

BARBARA JO CREA

Little Egg Harbor

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Mosquito Extermination Commission, Ocean County Clerk and to the appointee.

RESOLUTION

March 20, 2024

WHEREAS, on November 4, 1997, the citizens of the County of Ocean, State of New Jersey, approved, pursuant to P.L. 1997, C. 24, the Ocean County Natural Lands Trust Fund in order to acquire lands for conservation and farmland purposes and to pay certain costs and debt service related thereto; and

WHEREAS, on February 18, 1998, the Ocean County Board of Chosen Freeholders established the Ocean County Natural Lands Trust Fund Advisory Committee to advise the Board of Chosen Freeholders on the nomination of properties to be acquired.

NOW, THEREFORE BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that **GREG MYHRE, Manahawkin** is hereby reappointed as a member of the **OCEAN COUNTY NATURAL LANDS TRUST FUND ADVISORY COMMITTEE** for a term of three (3) years, term to expire February 18, 2027.

BE IT FURTHER RESOLVED that certified copies of this resolution shall be made available to the Ocean County Natural Lands Trust Fund Advisory Committee, Ocean County Clerk and to the appointee.

RESOLUTION

March 20, 2024

BE IT RESOLVED by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY** that **MARY JANE BAVAIS** is hereby appointed to the position of **DIRECTOR PARKS AND RECREATION**, for a term of three (3) years commencing April 1, 2024.

BE IT FURTHER RESOLVED that the Director and the Clerk of the Board are hereby authorized to execute an Employment Agreement with Mary Jane Bavais, setting forth the terms and conditions of employment, which will apply during this three (3) year period.

BE IT FURTHER RESOLVED that a certified copy of this resolution shall be made available to the Ocean County Administrator, Director of Employee Relations, Clerk of the Board of Commissioners and to Mary Jane Bavais.

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**

**No Associated
Documents**