

SIGNATURE PAGE

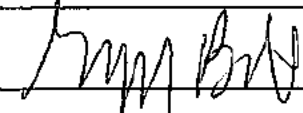
P-41-2020

To the Monmouth County Board of County Commissioners:

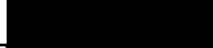
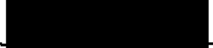
**THE UNDERSIGNED HEREBY DECLARES THAT
I (WE) HAVE CAREFULLY EXAMINED THE SPECIFICATIONS.
I (WE) HEREBY CERTIFY PRICES QUOTED ARE IN ACCORDANCE
WITH YOUR REQUIREMENTS.**

Company Name: Traffic Planning and Design, Inc.
(PRINT)

Preparer's Name: Gregory Bitsko, PE, PP, New Jersey Regional Structures Leader
(PRINT)

Signature:  October 22, 2021
(DATE)

Address: 303 West Main Street, Suite 330, Freehold, NJ 07728

Telephone No.: Office: 848.444.6105 Direct:  Cell: 

Fax No.: 610.326.9410

E-Mail Address: GBitsko@TrafficPD.com
***** (This should be the email where Contracts would be sent) *****

Contact Person: Gregory Bitsko, PE, PP, New Jersey Regional Structures Leader

FEIN: 
(Federal Employee ID)

(Revised 2/2017)

Traffic Planning & Design Inc.
PROJECT COST AND WORK HOUR PROPOSAL FORM

Professional Engineering Services Regarding Intersection Improvements at Phalanx Road and Campus Drive, and Replacement of Bridge MT-51 over the Tributary to Swimming River in the Township of Middletown,
Monmouth County NJ

Task Description	Project Manager PVIII	Project Engineer PVII	Associate Engineer PVI	Senior Engineer PV	Engineer PIV	Assistant Engineer PII	Assistant Engineer PI	Project Surveyor PV	CADD Technician ETIII	CADD Technician ETII	Total Hours	Labor Cost by Task
Task 1: Field Survey (BANC3)	0	0	0	0	0	0	0	0	0	0	0	\$0.00
Research Data sheets, Establish Hor. & Vert. Control											0	\$0.00
Run Traverse, Set BM's, Tie out control											0	\$0.00
Road Cross Sections & Locations											0	\$0.00
Utilities (4) & Existing Borings (4)											0	\$0.00
Bridge Location, Stream Sections (6) & Wetlands (4)											0	\$0.00
Adjust data, create TIN surface, baseline											0	\$0.00
Prepare Base Map											0	\$0.00
Task 2: Deed Research & ROW Documents (BANC3)	0	0	0	0	0	0	0	0	0	0	0	\$0.00
Deed and Map Research											0	\$0.00
Deed Plotting											0	\$0.00
Property Line and ROW Line analysis											0	\$0.00
Label property owners											0	\$0.00
Prepare GPPM Plan sheet (1)											0	\$0.00
Prepare IPV and M&B desc's (assume 6 parcels)											0	\$0.00
Task 3: Traffic Design & Contract Documents	22	0	100	139	0	76	0	0	56	24	417	\$17,074.35
Roundabout Lighting	12		64			64					140	\$6,004.44
Brookdale Sign Coordination and Design	4								24		28	\$1,002.26
Security Camera Coordination	6		16			12					34	\$1,583.34
Counts and Analysis			20	139					32	24	215	\$9,484.29
Task 4: Highway Design & Contract Documents	5	161	224	519	12	80	0	0	32	0	1,033	\$46,257.85
Preliminary Design											0	\$0.00
Key Sheet		1		4							5	\$230.36
Typical Sections including roadway and bridge		2		8							10	\$460.72
Construction Plans (1" = 20'), or an approved	4	20	80	16							120	\$5,700.68
Profiles (1"=20'H & 1" = 2'V)		2		16							18	\$808.48
Existing Cross Sections (1"=5'H & 1"=5'V)		2		12							14	\$634.60
Conceptual Construction Staging Plans		4		16							20	\$921.44
Topographic Plan of Existing Conditions		1		4							5	\$230.36
Right-of-Way and Utility Conflict and Potential Accommodation Plan		2		4							6	\$265.84
Preliminary Engineer's Estimate	1	10	12	8							31	\$1,523.61
Interim Design											0	\$0.00
Key Sheet		1	4	2							7	\$322.34
Typical Section (1" = 5')		2	12	4							18	\$823.60
Plan Sheet Layout - Including Survey ties											0	\$0.00
Construction Plans		16	16	80							114	\$5,209.92
Profiles		3	4	4							11	\$622.24

Task Description	Project Manager P.VIII	Project Engineer P.VII	Associate Engineer P.VI	Senior Engineer P.V	Engineer P.IV	Assistant Engineer P.III	Assistant Engineer P.I	Project Surveyor P.V	CADD Technician ET.III	CADD Technician ET.II	Total Hours	Labor Cost by Task
Drainage Design		4			12	60			32		128	\$4,436.60
Guide Rail Design		2		6							8	\$373.76
Grading Plans/ADA Ramp Plans		12	30	40							82	\$3,758.46
Signing & Striping Plans		4	16	16							36	\$1,637.12
Lighting and Electrical Plans											0	\$0.00
Detour Plans		1		4							5	\$230.36
SESC Plans											0	\$0.00
Cross Sections (Assume 10 Sheets)		2		16							18	\$878.48
Construction Details		4	4	6							14	\$685.66
Quantities		1		8							9	\$404.24
Engineer's Estimate		2		6							8	\$373.76
Specifications											0	\$0.00
Landscape Plans (1"=20')		1		30							31	\$1,360.58
Lighting/Electrical Plans (1"=20')											0	\$0.00
Construction Staging/Traffic Control Plans (1"=20')		4		40							44	\$1,964.72
											0	\$0.00
											0	\$0.00
		2		6							8	\$373.76
											0	\$0.00
Final Design											0	\$0.00
Key sheet (with list of anticipated final sheets)		1		2							3	\$143.42
Estimate of Quantities		3	6	4							13	\$611.70
Typical Sections		2	4	2							8	\$378.82
Construction Plans (1"=20'), or an approved		9	8	24							41	\$1,908.44
Soil Erosion and Sediment Control Plans											0	\$0.00
Tie sheet		2		8							10	\$460.72
Profiles (1"=20'H & 1"=2' V)		3	4	2							9	\$435.30
Grading Plans (1"=20')		5	16	8							29	\$1,345.84
Landscape Plans (1"=20')				37							37	\$1,608.38
Lighting/Electrical Plans (1"=20')											0	\$0.00
Construction Staging/Traffic Control Plans (1"=20')		4		16							20	\$921.44
Detour Plan (1"=100')											0	\$0.00
Proposed Cross Sections (1"=5'H & 1"=5'V)		2		24							26	\$1,156.24
Construction Details		3	8	4							15	\$701.16
Stream Cross Sections		2		16							18	\$808.48
Special Provisions		16		6							24	\$1,261.44
Engineer's Estimate		2		8							10	\$480.72
											0	\$0.00
Task 5: Bridge Design & Contract Documents	28	45	0	40	182	0	0	0	0	0	275	\$12,566.74
Preliminary Design		4		40							44	\$1,964.72
Recommended Structure General Plan, elevation, and section		2			6						10	\$419.44
Architectural Treatments											0	\$0.00
Preliminary Engineer's Estimate		2			4						6	\$266.20
											0	\$0.00
Interim Design											0	\$0.00
General Plan and Elevation		2			6						8	\$342.82
Demolition Plan		2			6						8	\$342.82
Bridge Section and Working Points		2			6						8	\$342.82
Pile Plans											0	\$0.00

Task Description	Project Manager PvIII	Project Engineer PvII	Associate Engineer PvI	Senior Engineer Pv	Engineer PvIV	Assistant Engineer PvII	Assistant Engineer PvI	Project Surveyor Pv	CADD Technician ET/III	CADD Technician ET/II	Total Hours	Labor Cost by Task
Task 7: Environmental Study & Permits (VHB)	0	0	0	0	0	0	0	0	0	0	0	\$0.00
NJDEP Freshwater Wetlands Delineation											0	\$0.00
Environmental Report											0	\$0.00
NJDEP Applications - GP 10A											0	\$0.00
Permit Plans											0	\$0.00
Coordination with County											0	\$0.00
Task 8: Utility Coordination & Contract Documents	0	8	16	2	0	0	0	0	0	0	24	\$1,141.50
Prepare and Maintain Contact List				2							2	\$86.94
Verify Existing Facilities											0	\$0.00
Utility Coordination & Field Meeting (2)		2	4								6	\$291.88
Evaluate Utility Relocations		2	8								10	\$470.80
Prepare Utility Relocation Plans											0	\$0.00
Document Utility Relocation/Coordination		2	4								6	\$291.88
Task 9: Meetings & Community Involvement	0	30	0	26	0	0	0	0	24	0	80	\$3,529.74
Kick-off Meeting		4		4							8	\$399.80
Meeting with Municipal Traffic Safety Officer		2		2							4	\$199.90
Meetings w/ Local Authorities (assume 2)		16		12					24		52	\$2,130.44
Pre-Application Meeting											0	\$0.00
Project Status/Submission Meetings		8		8							16	\$799.60
Task 10: Project Management	20	12	0	0	0	0	0	0	0	0	32	\$2,163.96
Progress Reports (12)											0	\$0.00
Project Coordination	18	8									24	\$1,840.48
Organize Correspondence											0	\$0.00
Quality Assurance	4	4									8	\$523.08

