EAST BRANCH DUPAGE RIVER TRAIL

ILLINOIS PRAIRIE PATH TO BUTTERFIELD ROAD (IL 56)

PHASE I ENGINEERING STUDY – SCOPE OF SERVICES

SUPPLEMENT #2

SCOPE OF SERVICES

The following provides the proposed **Supplement #2** scope of services to complete Phase I Engineering on behalf of the DuPage County Division of Transportation (County) for the East Branch DuPage River Trail (EBDRT) from the Illinois Prairie Path (IPP) to Butterfield Road (IL 56), an original distance of approximately 4.3 miles increased by **1.7** miles to **6.0** miles.

The original scope of services was based on selection of a western alignment as the preferred alternative, with the assumption that if an eastern alignment was selected as the preferred alternative, the scope of services and level of effort would be adjusted accordingly. However, the alternative evaluation has resulted in extending project limits to include both the western alignment and portions of the eastern alignment, as well as a trail connection along the south side of IL 53 from Spring Avenue to Surrey Drive. The purpose of **Supplement #2** is to provide an updated scope of services for the additional limits and the corresponding work hours. The detailed **Supplement #2** scope of services required for completion of Phase I Engineering is as follows:

Task 1 – Data Collection and Compilation

No change to the original scope of services proposed.

Task 2 – Survey

A full topographic survey and stream survey (as required for hydraulic analysis/reports) will be completed for the newly identified preliminary preferred alternative.

Trail Surveys:

There is an additional 8,900 feet of path added to the assumed west alternative in the original scope, and additional hours are required to complete the survey:

- Within the COMED Property from IL 56 to 22nd Street = 6,300 feet (1.2 miles)
- Along the south side of IL 53 from Spring Avenue to Surrey Drive = 2,600 feet (0.5 miles)

The survey will be correlated to the EBDR FEMA study datum and the County 1' contour mapping datum.

Stream Surveys: Stream surveys are expected at the additional following locations per IDOT requirements for stream crossings:

- 22nd Street Pedestrian Bridge over EBDR

Tributary Minor Waterway Crossings:

- Pr. EBDRT near Hoffman Park outfall
- Pr. EBDRT near Glen Park Rd outfall
- Pr. EBDRT near Hemstead Rd outfall

- Pr. EBDRT near Kensington Rd outfall
- Pr. EBDRT near 22nd St outfall

Task 3 – Alternatives Analysis and Preliminary Plans

The alternatives analysis from IL 38 to IL 56 included two additional deliverables to determine the preliminary preferred alternative: an Alternatives Evaluation Report and an IL 38 to IL 53 Berm Evaluation Technical Memorandum which were completed within this task's budget. Remaining subtasks to be completed include a full set of preliminary EBDRT plans, profiles, and cross-sections prepared for the Preferred Alternative as required for IDOT approval. Additional sheets, prepared at 1" = 20' scale, will be required to accommodate the additional proposed trail length:

- Within the COMED Property from IL 56 to 22nd Street = 6,300 feet,
- Along the south side of IL 53 from Spring Avenue to Surrey Drive = 2,600 feet,

Preliminary plans north of IL 38 were completed using site-specific survey data and no changes to the original scope of services are proposed. Preliminary plans south of IL 38 along IL 53 were completed using GIS and no changes to the original scope of services are proposed to update to site-specific survey when available.

Task 4 – Environmental Analysis and Coordination

The following supplemental work will be completed as part of this task:

Waters of the US/Wetland Delineations:

An updated environmental field survey of the EBDRT connection along IL 53 from Spring Avenue to Surrey Drive and within the ComEd property from IL 56 to 22nd Street will be completed to determine the limits of any waters of the US/wetlands within the project corridor. The results of the waters of the US/wetland supplemental field survey will be summarized in the Wetland Technical Report (WTR) for the project corridor.

ESR Preparation:

Prior to submittal of the Environmental Survey Request (ESR), CBBEL will prepare and submit the required BDE Cultural and Natural Resource screening forms, project description, and accompanying exhibits to IDOT for the entire project corridor. Documentation required for the screening forms overlaps with information required for the ESR submittal. However, the additional proposed path within ComEd property from IL 56 to 22nd Street [6,300 feet] and along IL 53 from Spring Avenue to Surrey Drive [2,600 feet] will require additional effort, including: aerial exhibit sheets, and field visit with photo documentation (e.g., bridges/major culverts, other structures).

As noted in the original scope, it is assumed that any necessary biological surveys (including threatened and endangered species surveys) will be completed by the State through the ESR process. Based on a review of the latest available US Fish & Wildlife Service (USFWS) data, the project corridor is located within the Rusty Patched Bumble Bee (RPBB) High Potential Zone (HPZ). Supplemental work to be

completed under this task also includes preparation of exhibits and other support material to assist the IDOT-Natural Resources Unit with their Natural Resource Review and obtain appropriate project clearances. This task assumes that threatened/endangered species are not likely to be adversely affected by the proposed project. Therefore, this task does not include an Incidental Take Authorization or Biological Assessment.

Bridge/Structure Bat Assessment:
In accordance with the latest Northern Long-Eared Bat (NLEB) guidance from IDOT, CBBEL will complete a Bridge Bat Assessment (BBA) at applicable bridges and culverts (e.g., culverts with a vertical opening ≥48-inches) located at the proposed EBDRT corridor, including within ComEd property from IL 56 to 22nd Street and along IL 53 from Spring Avenue to Surrey Drive. For the purpose of this supplement, based on a review of the IDOT Bridge/Structure Information website and coordination completed to date, we estimate that there are up to eight (8) additional bridges/culverts that will require a BBA along the project corridor. Five (5) BBA were included in the original scope of services for a new total of thirteen (13) BBAs estimated.

Special Land Review:
Glenbriar Park (Butterfield Park District) is located at the northeast quadrant of the IL 53 at IL 56 intersection. Maryknoll Park (Glen Ellyn Park District) is located on the east side of IL 53, south of IL 38. A Section 4(f) evaluation is required if the project will impact publicly owned recreational lands (e.g., parks). While avoidance of Section 4(f) lands will be an important goal, this project has the potential to impact these parks.

Any "use" of publicly owned recreational lands as part of the Preferred Alternative would have to be agreeable to the applicable park district. For this scope, it is assumed that a Section 4(f) *de minimis* impact finding would ultimately occur for the potential park district property impact(s). Coordination with the applicable park district, IDOT, and FHWA will be required to document the potential "use" of park district property and to facilitate the FHWA *de minimis* finding. For the purpose of preparing this scope, it is assumed that the proposed project will require some "use" of park district property, that the "use" will be agreeable to the park district(s), and this task will require two separate Section 4(f) *de minimis* documents (i.e., one for each park mentioned above).

Specific work tasks will include:

- Coordination/meetings with IDOT, FHWA, and the applicable park district(s) concerning potential "use" of publicly owned recreational lands. Three meetings with GEPD and BPD and one meeting with IDOT/FHWA is included in Task 10.
- Develop exhibits for use with the park district coordination and Section 4(f) documentation.
- Evaluate alternatives and measures to minimize harm.

- Prepare Section 4(f) *de minimis* documentation for two separate locations for the potential "use" of park district property. This task also includes a submittal of draft documents to IDOT for review/approval with one round of revisions.
- Public Notice and prepare *de minimis* correspondence to the park district(s) after Public Review/Comment. This scope assumes that the Public Review/Comment will be coordinated with the Public Involvement Task 9.

If during the Phase I study, it is determined that the "use" of other public recreational lands or historic resources require additional Section 4(f) coordination/documentation, a separate cost estimate will be provided to obtain the appropriate approvals.

Special Land Review – Part B, OSLAD/LAWCON: Preliminary information gathered to date indicates that Open Space Lands Acquisition & Development (OSLAD) funding and Land & Water Conservation (LAWCON) funding were used for acquisition or development at Glenbriar Park (Butterfield Park District). This task includes completing the necessary research/coordination to confirm the use of OSLAD and/or LAWCON funds at Glenbriar Park. If the proposed improvements are anticipated to require a conversion of public recreational land at Glenbriar Park that has received OSLAD and/or LAWCON funding, this task includes completing the required coordination with the Butterfield Park District, IDOT, the Illinois Department of Natural Resources (IDNR), and the National Park Service, as necessary, to identify design commitments to be included in the Phase I Report and secure agency approval. This task does not include the cost of replacement property, if necessary.

If during the Phase I study, it is determined that impacts to other properties that have received LAWCON or OSLAD funds are to be impacted, a separate cost estimate will be provided to obtain the appropriate approvals.

Special Waste Review:
No change to the original scope of services proposed.

Wetland Impact Evaluation:
Additional exhibit sheets and coordination will be required to accommodate the proposed EBDRT within ComEd property from IL 56 to 22nd Street [6,300 feet] and along IL 53 from Spring Avenue to Surrey Drive [2,600 feet]. Based on the previously completed waters of the US/wetland delineation, wetland areas are located along the majority of the supplemental study area.

Tree Tabulation and Evaluation:
A tree survey and data summary table will be prepared for the EBDRT connection along IL 53 from Spring Avenue to Surrey Drive and within the ComEd property from IL 56 to 22nd Street project area. Trees under this task will be located using a submeter accuracy handheld GPS unit.

Task 5 – Drainage Analysis and Reports

This task includes preparation of all required hydraulic analysis/modeling for the following conditions as will be required by IDOT for completion of Phase I Engineering:

- Hydraulic analysis and Hydraulic Reports for modified existing or new crossings of the EBDR to accommodate the EBDRT,
- EBDRT crossings of tributaries of the EBDR that are designated as ephemeral streams,
- At-Grade (but above existing ground elevation) or elevated EBDRT within the EBDR Floodway.

Based on a preliminary review of the EBDRT added location, and our assessment of desired or required crossings of the EBDR or tributaries, hydraulic analysis, and preparation of Hydraulic Reports (including Preliminary Bridge Design and Hydraulic Report (PBDHR – IDOT BLR form 10210) will be prepared per IDOT requirements at the following additional locations:

- 22nd Street Pedestrian Bridge,
- Glen Park Tributary (designated as an ephemeral stream, abbreviated HR anticipated for the proposed culvert crossing).

For each Hydraulic Report, for purposes of IDOT review/approval, the existing EBDR FEQ model will be converted to HEC-RAS and calibrated to match FEQ model results. Proposed conditions will be modeled in HEC-RAS for purposes of IDOT Phase I Approval.

It is assumed that IDOT will require a Location Drainage Technical Memorandum (LDTM) for locations where the EBDRT traverses IDOT right-of-way, or a Location Drainage Study (LDS) where the EBDRT travels along IDOT right-of-way for review and approval. The LDTM will include a review of existing and proposed drainage patterns within the IDOT right-of-way to demonstrate that existing drainage patterns will be maintained (as appropriate) and that any additional stormwater runoff based on added impervious area will be appropriately addressed in accordance with the IDOT Drainage Manual, the DuPage County Stormwater Management Ordinance, and other Best Management Practices. It is assumed that the proposed EBDRT will meet all conditions to be exempt from Site Runoff Storage and Post Construction Best Management Practices requirements as stated in the DuPage County Countywide Stormwater & Floodplain Ordinance.

On this basis, it is assumed that an LDTM will be prepared at the following locations:

- New LDTM: EBDRT within “north” IL 53 ROW (from Spring Avenue to Surrey Drive) for IDOT approval,
- Updated LDTM: Add IL 56 new north connection in COMED Property to the “south” IL 53 LDTM (from IL 56 to IL 38) for IDOT approval,
- New Floodplain Encroachment Evaluation: EBDRT within COMED property from 22nd Street to IL 56 for COMED approval.

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Task 6 – Structural Analysis and Reports

This task includes completion of all required structural analysis and reports for the EBDRT Preferred Alternative as required by IDOT for review and approval as part of Phase I Engineering. Based on IDOT BLRS requirements, for any proposed new EBDRT bridge structures and/or retaining walls with exposed height greater than 7', TSL drawings will be required for IDOT review and approval as part of the Phase I Study. Additional structural analysis and reports are now required for the locations listed below:

- TSL: 22nd Street Pedestrian Bridge
- BCR, Alternatives Analysis, and TSL: I-355 Underpass Abutment Modification and Approach Retaining Walls (EBDRT Connection along south side of IL 53 to Surrey Drive)

Geotechnical Investigations

Additional borings at the locations listed above will be required to complete the TSL drawings that will be required by IDOT for review and approval as part of the Phase I Study.

Task 7 – Traffic and Crash Analyses

Intersection traffic counts will be obtained for purposes of conducting existing and proposed capacity analyses at the intersection of IL 53 and Spring Avenue. CBBEL will use an outside traffic count consultant to obtain an additional 6-hour count (6-9 a.m., 4-7 p.m.) at the following location:

- IL 53 at Spring Avenue

Additional Crash Analysis hours have been added to this task to cover the additional project limits recently added. No other changes to the original scope of services proposed.

Task 8 – IDS and ADA Curb Ramps

One additional signalized intersection added for the proposed EBDRT crossing at the south and west legs of Spring Avenue which involves 4 curb ramps, as directed by the County.

Task 9 – Public Involvement

No change to the original scope of services proposed.

Task 10 – Agency Coordination

Based on the stakeholder one-on-one interviews completed by MSG, additional coordination is recommended periodically with partner agencies through the end of the Phase I Engineering Study. The CBBEL and MSG scopes include two (2) additional coordination meetings for Lombard, Glen Ellyn, the Forest Preserve, and Milton Township.

As part of the Section 4(f) coordination, the CBBEL and MSG scopes include three (3) additional coordination meetings with Butterfield Park District and Glen Ellyn Park District. The CBBEL scope includes one (1) additional coordination meeting with IDOT/FHWA.

SUPPLEMENT #2

To help facilitate intergovernmental agreements (IGAs) discussions, MSG will coordinate up to four (4) meetings with partner agencies, as directed by the County. The first two (2) meetings will be used to develop Letters of Understanding (LOU) with agencies. The LOU will document agreements based on maintenance and cost sharing agreements as an initial step before the preferred alternative is finalized. After the Public Information Meeting and the preferred alternative is shared, MSG will coordinate up to two (2) more meetings with each agency to convert the LOUs to IGAs for the project. MSG will work with CBBEL on meeting logistics and exhibit development.

MSG will prepare stakeholder progress reports to help inform key stakeholders and partner agencies about project progress and schedule. MSG will craft messages and design newsletter style updates in coordination with DuDOT up to once a month leading up to the public meeting. One additional update following the public meeting will be prepared to share a summary of the meeting results and next steps. Updates will be shared through the project Constant Contact account and saved to the project website.

Task 11 – Final EBDRT Proposed Improvement Plans

Additional sheets, prepared at 1" = 20' scale, will be required to accommodate the additional proposed trail length:

- Within the COMED Property from IL 56 to 22nd Street = 6,300 feet
- Along the south side of IL 53 from Spring Avenue to Surrey Drive = 2,600 feet

Task 12 – Project Development Report

No change to the original scope of services proposed.

Task 13 – Project Management and Coordination

A 30-month-long schedule was included in the original scope of services with NTP in April 2024 provided services through October 2026. A 12-month extension is proposed for DuDOT Monthly Status Meetings, monthly progress reports, and project administration/management.

East Branch DuPage River Trail
Illinois Prairie Path to Butterfield Road (IL 56)
Phase I Engineering
Work Hour Estimate

	TASKS	Original Work Hours	Supplement #2 Added Work Hours
1.	**Data Collection and Compilation**		
a	Review project data and update GIS Database: Available traffic and crash data, record roadway and drainage plans, plat of highways, current EBDR FEMA maps and models, utilities, property ownership, soils data.	60	0
b	Field Review of key project elements and features, areas of concern/constraint, and prepare photo log. (3 ppl x 1 day)	60	0
		120	0
2.	**Survey**		
a	Trail Greenway Corridor Survey from IPP to IL 38 (7,700', 100' corridor west of I-355 with elevations including Tollway right-of-way (as applicable) tower bases, cross sections, utilities, datum correlation, ROW, trees > 6 in. plus culvert details) **ADD 6,300 feet from 22nd Street to IL 56**	308	**252**
b	Trail Sideroad Parkway Survey along IL 38 and IL 53 from EBDR to IL 56 (14,800', 100' corridor from roadway EOP to 10' outside EX ROW, cross sections, utilities, datum correlation, ROW, trees > 6 in. plus culvert details)	592	0
c	Roadway Survey: IL 53 (Fairview Ave) 600 feet west & east of EBDR crossing on IL 53 (1,200' total, cross sections, utilities, datum correlation, ROW, trees > 6 in.) **ADD 1,400 feet of south parkway only (scaled from item (b))**	65	**56**
d	4 Intersection Crossing Surveys: IL 38 (Roosevelt Rd) at Baker Hill Drive; IL 53 at Pershing Ave; IL 53 at Sheehan Ave; IL 53 at 22nd Street (utilities, datum correlation, ROW, through radius returns) **ADD 1 at Spring Ave.**	72	**18**
e	Stream Survey: 1000' north and south of IL 53 at Glen Crest Creek (2,000', elevations, cross sections, streambed centerline, water surface elevations, and structure openings)	100	0
	ADD Stream Survey: 1000' north and south of 22nd Street at EBDR (2,000', elevations, cross sections, streambed centerline, water surface elevations, and structure openings) Also adds survey of the GWA bridge structure just north of the proposed crossing location	0	**116**
f	Stream Survey: 1000' north of IL 53 to 1000' south of Roosevelt Road (4,600', elevations, cross sections, streambed centerline, water surface elevations, and structure openings);	230	0
g	Stream Surveys: 4 minor tributary waterways and openings along Tollway. **ADD 5 outlets from 22nd Street to IL 56**	32	**40**
h	JULIE Utility coordination and incorporation into Base CADD files. **ADD 1.7 miles/4.3 miles original WHE**	112	**44**
i	Compilation of Base CAD files and incorporation of County 1' contour mapping data per scope of services. **ADD 1.7 miles/4.3 miles original WHE**	180	**71**
		1691	**597**
3.	**Alternatives Analysis and Preliminary Plans**		
a	Alternatives Concept Level Development (3 alts at 120 hours each)	360	0
b	Comparative Evaluation of Alternatives for Feasibility, Reasonability, and Concept Level Cost	120	0
c	Prepare Alternatives Evaluation Summary Table and Exhibits for Stakeholder Coordination	120	0
d	Prepare preliminary plan and profile for Preferred Alternative (22,500 feet = 45 sheets x 5 hrs each) **Add 8,900 feet = 18 sheets x 5 hrs**	225	**90**
e	Prepare existing/ proposed cross sections at 100' intervals plus critical locations, cross streets (estimate 230 cross sections at 1/2 hour each on average) **ADD 90 cross sections x 1/2 hr each**	115	**45**
f	Develop Phase I Engineer's Estimate of Probable Costruction Cost. **ADD 1.7 miles/4.3 miles original WHE**	60	**24**
		1000	**159**
4.	**Environmental Analysis and Coordination**		
a	Preferred alignment waters of the US/wetland Field Survey, Report, coordination, and boundary confirmation **(ADD 1.7 miles/4.3 miles original WHE)**	80	**32**
b	ESR preparation and submittal to IDOT from IPP to IL 56	120	**28**
c	Bridge/Structure Bat Assessment (up to 5 structures) - coordination, field visit, form, exhibit, photo log. **ADD 8 structures**	55	**88**
d	Special Land Review **(add two parks)**	70	0
	Coordination/meetings with IDOT, FHWA, and the applicable park district(s) concerning potential "use" of publicly owned recreational lands: See Task 10 for inclusion of these coordination/meetings.	0	0
	OSLAD and LAWCON coordination with IDNR	0	**120**
	Develop exhibits for use with the park district coordination and Section 4(f) documentation.	0	**42**
	Evaluate alternatives and measures to minimize harm.	0	**48**
	Prepare Section 4(f) de minimis documentation for two separate locations for the potential "use" of park district property. This task also includes a submittal of draft documents to IDOT for review/approval with revisions.	0	**80**
	Public Notice and prepare de minimis correspondence to the park district(s) after Public Review/Comment. (This scope assumes that the Public Review/Comment will be coordinated with the Public Involvement Task 9.)	0	**76**
e	Special Waste Review/Preliminary Environmental Site Assessment (PESA) - Non-IDOT right-of-way. **ADD 6,300 in COMED property only (IL 53 additions would be included in State PESA, so no additional CBBEL WHE)**	120	**60**

East Branch DuPage River Trail
Illinois Prairie Path to Butterfield Road (IL 56)
Phase I Engineering
Work Hour Estimate

	TASKS	Original Work Hours	Supplement #2 Added Work Hours
f	Wetland Impact Evaluation (WIE) Forms and Exhibits (Approx. 25 sheets x 6.5 hrs each plus Form) **ADD 8,900 feet at 50' scale = 9 sheets**	163	**58**
g	Tree Tabulation and Evaluation **(ADD 1.7 miles/4.3 miles original WHE)**	120	**47**
		728	**679**
5.	**Drainage Analysis and Reports**		
a	Hydraulic Report at IL 53 at Glen Crest Creek (HEC-RAS hydraulic analysis)	200	0
	Hydraulic Report at 22nd Street over EBDR (HEC-RAS hydraulic analysis)	0	**200**
b	Hydraulic Report from IL 38 to IL 53 (north, includes 2 alts and longitudinal analysis of ped bridge vs. berm at mid-point in both FEQ and HEC-RAS)	400	0
c	Abbreviated Hydraulic Report at NW corner of I-355 and IL 53 (HEC-RAS hydraulic analysis)	128	0
d	Hydraulic Report opposite of Wilson Road - 2 10'x6' box culverts (HEC-RAS hydraulic analysis)	200	0
e	Abbreviated Hydraulic Report opposite of Madison St - 2 24"x36" culverts (HEC-RAS hydraulic analysis)	128	0
f	Abbreviated Hydraulic Report opposite of Harrison Road (HEC-RAS hydraulic analysis)	128	0
	Add Abbreviated Hydraulic Report at Glen Park Tributary east of EBDR (HEC-RAS hydraulic analysis)	0	**128**
g	Location Drainage Study (LDS) and Drainage Investigation follow-up along IL 53 (south) for IDOT review (Identified Flood Problems and/or notable culverts on IL 53 located N. of Ahlstrand Road, S. of Glen Park Road, S. of Dochester Court, and at Sheehan Avenue) **ADD Butterfield Bike Path driveway connection (no boardwalk)**	240	**40**
h	Location Drainage Technical Memorandum (LDTM) along IL 38 for IDOT review	120	0
i	Location Drainage Technical Memorandum (LDTM) at IL 53 (north) crossing. **ADD 2,600 feet from Spring Ave to Surrey Drive for IDOT review**	120	**120**
j	Drainage Technical Memorandum along Tollway embankment from IPP to IL 53 for Tollway review	160	0
k	**COMED Property Floodplain Encroachment Evaluation (22nd Street to IL 56) for COMED review**		**60**
		1824	**548**
6.	**Structural Analysis and Reports**		
a	Coordination with Geotech for structural and soil borings	60	0
b	BCR for IL 53 bridge over Glen Crest Creek	125	0
c	TSL for bridge widening for IL 53 at Glen Crest Creek and associated retaining walls higher than 7' exposed elevation	116	0
d	TSL for proposed ped. bridge or berm approx. midpoint between IL 53 (north) and IL 38	68	0
e	BCR for IL 53 bridge over EBDR	145	0
f	TSL for IL 53 bridge modification and associated retaining walls	240	0
	BCR for IL 53 viaduct under I-355	0	**144**
	TSL for IL 53 viaduct under I-355 slope wall modification and associated retaining walls	0	**240**
	TSL for 22nd Street Bridge over EBDR and associated boardwalk and/or retaining walls	0	**240**
g	TSL for culvert or ped bridge NW corner of I-355 and IL 53	68	0
h	TSL for culvert extension at Tollway opposite of Wilson Road	80	0
i	TSL for culvert extension at Tollway opposite of Madison Street (Assume NO TSL for culvert extension opposite Harrison Street)	68	0
		970	**624**
7.	**Traffic and Crash Analyses**		
a	Prepare a Crash Analysis Report (CAR) based on the latest 5-years of crash data available. CAR will identify overrepresented crash types, locations, or periods and recommend corrective measures (as/if needed). This task includes preparation of all applicable exhibits, diagrams, charts for inclusion in the CAR. 1 annual update is anticipated to be required since IDOT requires latest 5-years of data be represented. **Expanded project limits. Hours are included for additional crash data collection, identifying crash patterns and recommending safety countermeasures for additional project limits.**	80	**20**
b	Traffic counts coordination **Additional counts needed at IL 53 at Spring Avenue.**	8	**2**
c	A Synchro/Simtraffic analysis will be completed for the four signalized intersections for the am and pm peak periods for existing conditions only. (4 int x 2 periods x 5 hours each. Includes model setup) **ADD 1 at Spring Ave.**	40	**16**
		128	**38**
8.	**IDS and ADA Curb Ramp Details**		
a	Prepare IDS - Capacity Tables, General Notes, Queue Tables, Autoturns if needed (120 hrs x 4 intersections) **ADD 1 at Spring Ave.**	480	**120**
b	Design Exceptions **ADD Spring Ave.**	40	**10**
c	ADA Curb Ramp Details (36 proposed curb ramps counted at 6 hrs avg. each) **Add 4 curb ramps at Spring Ave**	216	**24**
d	Prepare Final IDS's and ADA Curb Ramp Details. **ADD Spring Ave.**	108	**27**
		844	**181**
9.	**Public Involvement**		

East Branch DuPage River Trail
Illinois Prairie Path to Butterfield Road (IL 56)
Phase I Engineering
Work Hour Estimate

	TASKS	Original Work Hours	Supplement #2 Added Work Hours
a	Project Website Maintenance (6 updates x 8 hrs each)	48	0
b	Three (3) Public Information Meetings Open Houses		
	Set up PIM webpage on EBDRT website and populate x 3	40	0
	Prepare public notifications including letters to key stakeholders and public officials, postcards to surrounding property owners, and display ad for newspaper and social media. (DuDOT to print and mail or post prepared material to website announcements, social media, adjacent communities, and along the EBDRT) X 3	72	0
	Prepare PIM brochure and comments response form/survey x 3	120	0
	Prepare questionnaire and interactive GIS-based social pinpoint	120	0
	DuDOT to prepare mailing lists of key stakeholders, public officials, and surrounding property owners and print and send mailing material prepared by CBBEL.	0	0
	Prepare PIM display exhibits and narrative descriptions x 3	180	0
	Attend Dry Run meeting with County (2 ppl x 4 hrs each) x 3	24	0
	Compile and prepare responses to comments received during comment period and post to webpage x 3	48	0
	Prepare Public Information Meeting summary. X 3	72	0
		724	**0**
10.	**Agency Coordination**		
a	Stakeholder Coordination Meetings (1 each Village of Glen Ellyn, Glen Ellyn Park District, Mary Knoll HOA, LPD, BPD, Friends of the East Branch, Bike 53 Supporters) - Assume 7 mtg x 2 ppl (average) x 4 hours each (includes material prep, attendance, and prepare mtg summary). **ADD 2 meetings each for Lombard, Glen Ellyn, FPDDC, and Milton Township. ADD 3 meeting each for BPD and GEPD. (14 total, no additional LPD meeting anticipated)**	56	**136**
b	Agency Coordination Meetings (2 each for GWA, FPDDC, DCSM, ComED, Tollway, IDOT, FHWA) - Assume 14 mtg x 2 ppl (average) x 4 hours each (includes material prep, attendance, and prepare mtg summary). **ADD 1 meeting for IDOT/FHWA for Special Lands Review.**	112	**8**
c	ComEd Real Estate Petition	190	0
		358	**144**
11.	**Final EBDRT Proposed Improvement Plans**		
a	Prepare final plan and profile exhibits for full corridor length (IPP to IL 56) based on IDOT, DuDOT, Tollway, and FPDDC review comments. **(ADD 1.7 miles/4.3 miles original WHE)**	210	**83**
b	Prepare final existing/ proposed cross sections based on review comments, and finalize right-of-way requirements. **(ADD 1.7 miles/4.3 miles original WHE)**	110	**43**
c	Update Phase I Engineer's Estimate of Probable Costruction Cost **(ADD 1.7 miles/4.3 miles original WHE)**	40	**16**
		360	**142**
12.	**Project Development Report**		
a	Draft Project Development Report (BLR 22210).	220	0
b	Address IDOT, DuDOT, Tollway, and FPDDC review comments for Draft PDR	80	0
c	Prepare and submit Final PDR	80	0
		380	**0**
13.	**Project Management and Coordination**		
a	DuDOT Monthly Status Meetings (30 mtg x 2 ppl x 3 hours includes prepare meeting summary) **ADD 12-month extension**	180	**72**
b	Monthly Progress Reports. 30 months x 3hrs. **ADD 12-month extension**	90	**36**
c	Project Administration/Management. 30 months x 4hrs. **ADD 12-month extension**	120	**48**
		390	**156**
	Total Work Hours:	**9,517**	**3,268**

Illinois Department of Transportation

EXHIBIT D

COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

FIXED RAISE

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Prime Consultant (Firm) Name	Prepared By	Date
Christopher B. Burke Engineering, Ltd.	Emily Anderson	4/10/2026

Consultant / Subconsultant Name	Job Number
Christopher B. Burke Engineering, ltd.	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

CONTRACT TERM	**12**	**MONTHS**	**OVERHEAD RATE**	**145.92%**
START DATE	**10/1/2026**		**COMPLEXITY FACTOR**	
RAISE DATE	**1/1/2027**		**% OF RAISE**	**3.00%**
END DATE	9/30/2027			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	10/1/2026	1/1/2027	3	25.00%
1	1/2/2027	10/1/2027	9	77.25%

The total escalation = 2.25%

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Christopher B. Burke Engineering, ltd.	

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

MAXIMUM PAYROLL RATE	**86.00**
ESCALATION FACTOR	**2.25%**

JOB SPECIFIC - Classifications and Average Payrates need to match current payrolls submitted to the Department.

CLASSIFICATION	IDOT AVG PAYROLL RATES ON FILE	CALCULATED RATE
Engineer VI	$84.11	$86.00
Engineer V	$73.73	$75.39
Engineer IV	$60.59	$61.95
Engineer III	$46.49	$47.54
Engineer I/II	$39.08	$39.96
Survey V	$84.11	$86.00
Survey IV	$81.68	$83.52
Survey III	$70.50	$72.09
Survey II	$58.00	$59.31
Survey I	$42.50	$43.46
Engineering Technician V	$76.15	$77.86
Engineering Technician IV	$57.28	$58.57
Engineering Technician III	$50.50	$51.64
Engineering Technician I/II	$36.40	$37.22
CAD Manager	$75.65	$77.35
CAD Technician II	$56.31	$57.58
CAD Technician I	$28.33	$28.97
GIS Specialist III	$63.00	$64.42
Landscape Architect II	$72.00	$73.62
Environmental Resource Specialist V	$79.21	$80.99
Environmental Resource Specialist IV	$65.80	$67.28
Environmental Resource Specialist III	$44.08	$45.07
Environmental Resource Specialist I/II	$34.00	$34.77
Environmental Resource Technician	$48.50	$49.59
Landscape Designer I/II	$34.00	$34.77
Transportation Planner III	$62.50	$63.91
Engineering Intern	$20.92	$21.39

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Christopher B. Burke Engineering, ltd.	

SUBCONSULTANTS

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

NAME	Direct Labor Total (Payroll Only)	Contribution to Prime Consultant
Testing Service Corportation	19,169.00	1,916.90
Metro Strategies Group	47,103.00	4,710.30

Total	66,272.00	6,627.20

NOTE: Only subconsultants who fill out a cost estimate that splits out direct labor may be listed on this sheet.

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Christopher B. Burke Engineering, ltd.	

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum	400	$0.72	$288.00
Vehicle Owned or Leased (no mileage charge allowed)	$45.00/half day (4 hours or less) or $90/full day	5	$65.00	$325.00
Vehicle Rental	Actual Cost (Up to $55/day)			$0.00
Tolls	Actual Cost	20	$0.40	$8.00
Parking	Actual Cost			$0.00
Overtime	Premium portion (Submit supporting documentation)			$0.00
Shift Differential	Actual Cost (Based on firm's policy)			$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			$0.00
Project Specific Insurance	Actual Cost			$0.00
Monuments (Permanent)	Actual Cost			$0.00
Photo Processing	Actual Cost			$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			$0.00
CADD	Actual Cost (Max $15/hour)			$0.00
Web Site	Actual Cost (Submit supporting documentation)			$0.00
Advertisements	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			$0.00
Recording Fees	Actual Cost			$0.00
Transcriptions (specific to project)	Actual Cost			$0.00
Courthouse Fees	Actual Cost			$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Testing of Soil Samples	Actual Cost			$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Counts		1	$1,000.00	$1,000.00
EDR Report		1	$400.00	$400.00
				$0.00
			TOTAL DIRECT COSTS:	**$2,021.00**

Local Public Agency
DuPage Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Christopher B. Burke Engineering, ltd.

Job Number

COST ESTIMATE WORKSHEET

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

OVERHEAD RATE 145.92%

COMPLEXITY FACTOR 0

TASK	DIRECT COSTS (not included in row totals)	MANHOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
1. Data Collection and Compilation	2,021		-	-	-		2,021	0.25%
2. Survey		597	37,826	55,196	12,483		105,505	13.27%
3. Alts. Analysis and Prelim Plans		159	8,762	12,785	2,891		24,438	3.07%
4. Environmental Analysis and Coordination		679	44,865	65,467	14,806		125,138	15.74%
5. Drainage Analysis and Reports		548	31,383	45,794	10,356		87,533	11.01%
6. Structural Analysis and Reports		624	33,841	49,381	11,168	121,637	216,027	27.17%
7. Traffic and Crash Analysis		38	1,965	2,868	649		5,482	0.69%
8. IDS and ADA Curb Ramp Details		181	9,989	14,575	3,296		27,860	3.50%
9. Public Involvement			-	-	-		-	0.00%
10. Agency Coordination		144	9,050	13,205	2,986	117,372	142,613	17.94%
11. Final EBDRT Proposed Improvement Plans		142	7,587	11,071	2,504		21,162	2.66%
12. Project Development Report			-	-	-		-	0.00%
13. Project Management and Coordination		156	10,965	16,001	3,619		30,585	3.85%
			-	-	-		-	
			-	-	-		-	
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			-	-	-		-	
Subconsultant DL					6,627.20		6,627	0.83%
TOTALS	2,021	3268	196,233	286,343	71,385	239,009	794,991	100.00%

Local Public Agency
DuPage Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Christopher B. Burke Engineering, ltd.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			1. Data Collection and Compilation			2. Survey			3. Alts. Analysis and Prelim Plans			4. Environmental Analysis and Coordination			5. Drainage Analysis and Reports		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer VI	86.00	142.0	4.35%	3.74							12	7.55%	6.49				8	1.46%	1.26
Engineer V	75.39	494.0	15.12%	11.40							12	7.55%	5.69	52	7.66%	5.77	164	29.93%	22.56
Engineer IV	61.95	270.0	8.26%	5.12							24	15.09%	9.35				78	14.23%	8.82
Engineer III	47.54	410.0	12.55%	5.96							32	20.13%	9.57				210	38.32%	18.22
Engineer I/II	39.96	640.0	19.58%	7.83							34	21.38%	8.54	38	5.60%	2.24	88	16.06%	6.42
Survey V	86.00	43.0	1.32%	1.13				43	7.20%	6.19									
Survey IV	83.52	78.0	2.39%	1.99				78	13.07%	10.91									
Survey III	72.09	78.0	2.39%	1.72				78	13.07%	9.42									
Survey II	59.31	166.0	5.08%	3.01				166	27.81%	16.49									
Survey I	43.46	146.0	4.47%	1.94				146	24.46%	10.63									
Engineering Technician V	77.86	0.0																	
Engineering Technician IV	58.57	0.0																	
Engineering Technician III	51.64	0.0																	
Engineering Technician I/II	37.22	0.0																	
CAD Manager	77.35	89.0	2.72%	2.11				43	7.20%	5.57	15	9.43%	7.30						
CAD Technician II	57.58	108.0	3.30%	1.90				43	7.20%	4.15	15	9.43%	5.43						
CAD Technician I	28.97	15.0	0.46%	0.13							15	9.43%	2.73						
GIS Specialist III	64.42	92.0	2.82%	1.81										92	13.55%	8.73			
Landscape Architect II	73.62	0.0																	
Environmental Resource Specialist V	80.99	309.0	9.46%	7.66										309	45.51%	36.86			
Environmental Resource Specialist IV	67.28	0.0																	
Environmental Resource Specialist III	45.07	188.0	5.75%	2.59										188	27.69%	12.48			
Environmental Resource Specialist I/II	34.77	0.0																	
Environmental Resource Technician	49.59	0.0																	
Landscape Designer I/II	34.77	0.0																	
Transportation Planner III	63.91	0.0																	
Engineering Intern	21.39	0.0																	
TOTALS		3268.0	100%	$60.05	0.0	0.00%	$0.00	597.0	100%	$63.36	159.0	100%	$55.11	679.0	100%	$66.08	548.0	100%	$57.27

Local Public Agency
DuPage Division of Transportation

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23-00002-08-BT

Consultant / Subconsultant Name
Christopher B. Burke Engineering, ltd.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

PAYROLL CLASSIFICATION	AVG HOURLY RATES	6. Structural Analysis and Reports			7. Traffic and Crash Analysis			8. IDS and ADA Curb Ramp Details			9. Public Involvement			10. Agency Coordination			11. Final EBDRT Proposed Improvement Plans		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer VI	86.00	38	6.09%	5.24	2	5.26%	4.53	4	2.21%	1.90				14	9.72%	8.36			
Engineer V	75.39	202	32.37%	24.40				12	6.63%	5.00				36	25.00%	18.85	8	5.63%	4.25
Engineer IV	61.95				12	31.58%	19.56	42	23.20%	14.38				46	31.94%	19.79	8	5.63%	3.49
Engineer III	47.54				12	31.58%	15.01	42	23.20%	11.03				48	33.33%	15.85	42	29.58%	14.06
Engineer I/II	39.96	384	61.54%	24.59	12	31.58%	12.62	42	23.20%	9.27							42	29.58%	11.82
Survey V	86.00																		
Survey IV	83.52																		
Survey III	72.09																		
Survey II	59.31																		
Survey I	43.46																		
Engineering Technician V	77.86																		
Engineering Technician IV	58.57																		
Engineering Technician III	51.64																		
Engineering Technician I/II	37.22																		
CAD Manager	77.35							11	6.08%	4.70							20	14.08%	10.89
CAD Technician II	57.58							28	15.47%	8.91							22	15.49%	8.92
CAD Technician I	28.97																		
GIS Specialist III	64.42																		
Landscape Architect II	73.62																		
Environmental Resource Specialist V	80.99																		
Environmental Resource Specialist IV	67.28																		
Environmental Resource Specialist III	45.07																		
Environmental Resource Specialist I/II	34.77																		
Environmental Resource Technician	49.59																		
Landscape Designer I/II	34.77																		
Transportation Planner III	63.91																		
Engineering Intern	21.39																		
TOTALS		624.0	100%	$54.23	38.0	100%	$51.72	181.0	100%	$55.19	0.0	0%	$0.00	144.0	100%	$62.84	142.0	100%	$53.43

Local Public Agency
DuPage Division of Transportation

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DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Christopher B. Burke Engineering, ltd.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

PAYROLL CLASSIFICATION	AVG HOURLY RATES	12. Project Development Report			13. Project Management and Coordination														
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer VI	86.00				64	41.03%	35.28												
Engineer V	75.39				8	5.13%	3.87												
Engineer IV	61.95				60	38.46%	23.83												
Engineer III	47.54				24	15.38%	7.31												
Engineer I/II	39.96																		
Survey V	86.00																		
Survey IV	83.52																		
Survey III	72.09																		
Survey II	59.31																		
Survey I	43.46																		
Engineering Technician V	77.86																		
Engineering Technician IV	58.57																		
Engineering Technician III	51.64																		
Engineering Technician I/II	37.22																		
CAD Manager	77.35																		
CAD Technician II	57.58																		
CAD Technician I	28.97																		
GIS Specialist III	64.42																		
Landscape Architect II	73.62																		
Environmental Resource Spe	80.99																		
Environmental Resource Spe	67.28																		
Environmental Resource Spe	45.07																		
Environmental Resource Spe	34.77																		
Environmental Resource Tecl	49.59																		
Landscape Designer I/II	34.77																		
Transportation Planner III	63.91																		
Engineering Intern	21.39																		
TOTALS		0.0	0%	$0.00	156.0	100%	$70.29	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00

March 20, 2026

TESTING SERVICE CORPORATION

Corporate Office

360 South Main Place, Carol Stream, IL 60188-2404
Phone 630.462.2600

Ms. Emily T. Anderson, PE, CFM
Christopher B. Burke Engineering, Ltd.
9575 West Higgins Road Suite 600
Rosemont, IL 60018-4920

RE: P.N. 77,340A
Geotechnical Exploration
EBDRT South Supplement #2
IL-53 to Butterfield Rd
DuPage, IL

Dear Ms. Anderson:

Testing Service Corporation (TSC) is pleased to submit this proposal to provide Geotechnical Engineering Services for the above captioned project. It is in response to your email dated February 6, 2026, and related conversations. The objectives of the Geotechnical Exploration are to explore soil and groundwater conditions and provide recommendations for foundations in connection with the design of a proposed new trail, pedestrian bridge, boardwalk, culverts and extensions in association with the East Branch of DuPage River Trail (EBDRT) South Project.

Project Description:

Our understanding of the proposed construction are as follows:

- 22nd Street Pedestrian Bridge/Boardwalk (about 1000' long) situated generally between Mayfield Lane and Valley Road. Borings are to be spaced about 75' apart.
- Interstate 355 over IL-53 south slope wall modification (one boring on each side of the underpass).
- Proposed Retaining Walls (7+ feet tall, 100-foot long) along the east side of IL-53 at Glen Valley Drive.
- An IDOT permit will be required to drill within the IL-53 right-of-way.

If the location of the proposed structure is changed, TSC should be promptly contacted to determine the relevance of our proposed boring program to the new project configuration.

Boring Program:

We are proposing to drill nineteen (19) soil borings as part of our Geotechnical Exploration. Summarized in the following table are proposed improvements, estimated boring numbers and depths.

Improvements	Borings	Depth	Footage
22nd Street Bridge/Boardwalk (75' spacing)	13	75	975
Slope Wall Modification at I-355 over IL-53 Underpass	4	30	120
Retaining Wall 100' Long Green Valley Drive)	2	30	60
Totals	**19**	**--**	**1155**

Total drilling footage on this basis is estimated to be about 1155 lineal feet.

For the purposes of this proposal, we have assumed that the boring locations will be accessible to a conventional truck or ATV-mounted drill. In this regard, they should not be located in standing water, within wooded areas or on steeply sloping ground. **However, it should be noted that ComEd may impose restrictions on TSC that may not allow TSC to use a drill rig. If this is the case, then the borings may have to be taken by hand auger methods. This would add additional cost due to the time it takes to obtain soil samples.**

TSC will utilize personnel who are trained in layout procedures to stake the borings in the field. Ground surface elevations for each borehole will be determined by GPS using a Trimble R12 GNSS receiver. Utility clearance for the borings will be obtained by contacting JULIE (Joint Utility Locating Information for Excavators). Private underground utility lines will have to be marked by the property owner or their agents; a private locator can be hired for an added cost if necessary.

Soil samples will primarily be obtained by split-spoon methods and taken at 2½-foot intervals for at least the first 30 feet, greater if fill or unsuitable soil types extend below that depth (as well as in cut or detention areas) and to otherwise not exceed 5-foot intervals. A representative portion of the split-spoon samples will be placed in a glass jar with a screw-type lid for transportation to our laboratory. Groundwater observations will also be made during and following completion of drilling operations, with the boreholes to be backfilled immediately using drill cuttings and any in pavement areas also patched at the surface (for safety reasons).

Tree/Brush Clearing for Borehole Access:

Based on a review of Google Earth imagery, portions of the proposed improvement areas appear to contain trees and dense underbrush. Accordingly, a price has been included for a tree clearing service to create approximately 10-foot wide access paths to the impacted boring locations, primarily involving the removal of smaller trees and brush. It should be noted that the final boring locations may need to be adjusted in the field to avoid standing water and/or steeply sloping terrain. Landscape restoration, if required, is not included in the current project budget.

Borehole Access:

It was assumed that the Client/Owner would get access to the boreholes. This may include getting gates or fences open.

Roadway Permits:

Various borings will likely be located within the Illinois Route 53 (IL-53) right-of-way. IL Route 53 is under IDOT jurisdiction and will require an IDOT permit to perform the fieldwork at these locations. It has been our experience that it may take at least 6 to 8 weeks or more to get the permit from IDOT.

Soil borings will also likely be located within the Illinois Tollway right-of-way where IL-53 goes under Interstate 355 (I-355). Therefore, a Tollway permit will be required to perform the fieldwork at these locations. It has been our experience that it may take at least 6 to 8 weeks or more to get the permit from IDOT and/or the Tollway.

ComEd Right-of-Way:

Numerous soil borings will be located within the ComEd Right-of-Way. In our experience, ComEd will require the Client/Owner to get the ComEd access permit in order to drill soil borings within the ComEd right-of-way. It was therefore assumed that Christopher B. Burke Engineering, Ltd. would obtain the permit, allowing TSC to drill the soil borings within the ComEd right-of-way. The Owner/Client will likely need to provide a description of the project to be constructed on ComEd property. The PIN/Parcel numbers and the existing Lease numbers will also be required. Additional work will be needed to determine drill rig access to each of the boring locations. It should be noted that no borings are to be drilled in wetland areas.

Traffic Control:

Traffic control procedures are required for the soil borings along IL-53. It is anticipated that the shoulder and/or one traffic lane will have to be temporarily blocked at each boring location using professional traffic control with flagmen or specific traffic control measures. This proposal includes a provision for lane closures by a professional traffic control firm. If it is determined that traffic control is not needed, you will not be charged for this service.

Please note that our cost estimate for this project is based on the assumption that TSC will be able to perform all borings and cores during weekdays (Monday through Friday) beginning no later than 8:00 AM and ending no sooner than 3:00 PM.

Laboratory Testing:

Samples obtained from the borings will be examined by experienced laboratory personnel in order to verify field descriptions as well as to visually classify in accordance with the Unified Soil Classification System. Laboratory testing will include moisture content and dry unit weight determinations as well as measurements of unconfined compressive strength by direct or indirect methods, as appropriate. Other tests deemed to be necessary by TSC's Project Engineer may also be recommended for your approval.

Engineering Report:

Various geotechnical engineering reports will be prepared upon completion of field and laboratory testing, to include typed boring logs and location plans. The reports will provide a summary of soil and groundwater conditions as well as address their impact on the proposed site development. They will also provide recommendations to guide design and specification preparation pertaining to geotechnical issues relevant to the structures or purpose described in this proposal. These may include the following as applicable:

- General earthwork and construction considerations.
- Remedial work and/or treatment of unstable or unsuitable soil types.
- Fill placement and compaction requirements.
- Foundation type, capacity and depth/elevation.
- Anticipation and management of groundwater.

Local ordinances may require an estimate of the seasonal high groundwater elevation (SHGWE) and/or soil infiltration rates at the site. TSC can provide an estimated SHGWE based on soil coloration and mottling as well as water level observations at the time of drilling. Infiltration rates can also be estimated based on soil types and gradations, often being relatively low for silt and clay deposits which predominate in northeastern Illinois. If additional measures are required to provide more accurate determinations, you will be contacted before we proceed with any additional work.

Fees and Scope:

In accordance with the Cost Estimate of Consultant Services Work Sheet (BLR 05514) attached, TSC is proposing a budget amount of **One Hundred and Twenty-One Thousand Six Hundred and Thirty-Seven Dollars ($ 121,637.00**) to provide the Geotechnical Exploration outlined above. Our proposal is based on the understanding that the boring locations are accessible to conventional drilling equipment and the work can be performed during standard business hours. Our fee is further subject to this proposal being accepted by you on or before December 31, 2026.

Should the study reveal unexpected subsurface conditions requiring a change in the scope of work, you will be contacted before we proceed with any additional work. Our invoice would then be based on our standard unit rates given in the attached Cost Estimate or as otherwise agreed upon. While our quoted fee does not include earthwork, excavation, and/or footing observations during the construction phase, the project budget should include a provision for these services. Plan review, preconstruction meetings and/or other consulting and professional services that are provided subsequent to the delivery of TSC's report would be covered by a separate invoice.

TSC's geotechnical investigation does not include services required to evaluate the likelihood of the site being contaminated by hazardous materials or other pollutants. Analytical and/or pH testing which would be required in connection with IEPA Forms LPC-662/663, Uncontaminated Soil Certification are also not included. Should environmental and/or analytical testing be desired, please contact the undersigned for additional details and/or associated costs.

Closure:

The geotechnical engineering services being performed are subject to TSC's attached General Conditions. TSC charges include all state and federal taxes that may be required. However, unless

stated otherwise they do not include license, permit or bond fees that local governments may impose, if any to potentially be added to our invoice. The invoice will be sent to the following unless written instructions to the contrary are received:

Ms. Emily T. Anderson, PE, CFM
Christopher B. Burke Engineering, Ltd.
9575 West Higgins Road, Suite 600
Rosemont, IL 60018-4920
Tel: (847) 823-0500
Email: eanderson@cbbel.com

If this proposal meets with your approval, please indicate your acceptance by signing one copy and returning it to our Carol Stream, Illinois office. It would be helpful if you could also complete the attached Project Data form, indicating who is to receive copies of TSC's report and other related information.

Your consideration of our proposal is appreciated. We look forward to being of service to you on this project.

Respectfully submitted,

TESTING SERVICE CORPORATION

Signature on file

Timothy R. Pecenlak, P.E.
Geotechnical Engineer

Enc: Cost Estimate
General Conditions
Project Data Sheet

Approved and accepted for _____ by:

_____
(NAME)

_____
(TITLE)

_____
(DATE)

CBBEL Project Number: _ _ . _ _ _ _ _ _ _ _. _ _ _ _ _ _

Please fill out the Project Data Sheet at the end of this document

TESTING SERVICE CORPORATION

PROJECT DATA SHEET

CBBEL Project Number: _ _ . _ _ _ _ _ _ _ _. _ _ _ _ _

Project Info		Changes (If needed)
Name:	EBDRT South Supplement #2	
Address:	IL-53 to Butterfield Rd	
City/State/Zip:	DuPage, IL	
Project Manager:		
Email:		
Telephone:		

Invoicing	
To:	Accounts Payable
Email:	ap@cbbel.com

Illinois Department of Transportation

EXHIBIT D

COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

FIXED RAISE

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Prime Consultant (Firm) Name	Prepared By	Date
Christopher B. Burke Engineering, Ltd.	Timothy Peceniak	3/20/2026

Consultant / Subconsultant Name	Job Number
Testing Service Corporation	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

Additional work for Supplement #2

PAYROLL ESCALATION TABLE

CONTRACT TERM	**12**	**MONTHS**	**OVERHEAD RATE**	**162.25%**
START DATE	**10/1/2026**		**COMPLEXITY FACTOR**	
RAISE DATE	**1/1/2027**		**% OF RAISE**	**3.00%**
END DATE	9/30/2027			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	10/1/2026	1/1/2027	3	25.00%
1	1/2/2027	10/1/2027	9	77.25%

The total escalation = 2.25%

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Testing Service Corporation	

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

MAXIMUM PAYROLL RATE	**90.00**
ESCALATION FACTOR	**2.25%**

JOB SPECIFIC - Classifications and Average Payrates need to match current payrolls submitted to the Department.

CLASSIFICATION	IDOT AVG PAYROLL RATES ON FILE	CALCULATED RATE
Senior Engineer	$52.03	$53.20
Staff Engineer	$38.91	$39.79
Staking & Utility Clearance	$42.31	$43.26
Drilling Inspector	$50.41	$51.54
CADD Technician	$23.00	$23.52
Drilling Crew	$45.03	$46.04
Administrative Assistant	$23.68	$24.21

Local Public Agency	County	Section Number
DuPage Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Testing Service Corporation	

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum			$0.00
Vehicle Owned or Leased (no mileage charge allowed)	$45.00/half day (4 hours or less) or $90/full day			$0.00
Vehicle Rental	Actual Cost (Up to $55/day)			$0.00
Tolls	Actual Cost			$0.00
Parking	Actual Cost			$0.00
Overtime	Premium portion (Submit supporting documentation)	52	$22.52	$1,171.04
Shift Differential	Actual Cost (Based on firm's policy)			$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			$0.00
Project Specific Insurance	Actual Cost			$0.00
Monuments (Permanent)	Actual Cost			$0.00
Photo Processing	Actual Cost			$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			$0.00
CADD	Actual Cost (Max $15/hour)			$0.00
Web Site	Actual Cost (Submit supporting documentation)			$0.00
Advertisements	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			$0.00
Recording Fees	Actual Cost			$0.00
Transcriptions (specific to project)	Actual Cost			$0.00
Courthouse Fees	Actual Cost			$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)	16	$350.00	$5,600.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Testing of Soil Samples	Actual Cost	345	$33.50	$11,557.50
Lab Services	Actual Cost (Provide breakdown of each cost)			$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Drill Mounted on Truck or ATV Rig	Mobilization/Demobilization	16	$2,000.00	$32,000.00
Backfilling Boreholes with Bentonite Chips	Actual Cost	975	$5.50	$5,362.50
See Attached Direct Costs	Total	1	$9,350.00	$9,350.00
			TOTAL DIRECT COSTS:	**$65,041.04**

March 20, 2026

TESTING SERVICE CORPORATION

Corporate Office

360 South Main Place, Carol Stream,
IL 60188-2404
630.462.2600

Project: EBDRT South Supplement #2
Section No.: 23-00002-08-BT
County: DuPage

Description	Qty	Rate	Cost
IDOT Permits & Bond	1	$1,150.00	$1,150.00
Tollway Permit, Bond and Other Fees	1	$5,000.00	$5,000.00
Tree/Brush Clearing	8	$400.00	$3,200.00
			$0.00
			$0.00
			$0.00
			$0.00
		Total	**$9,350.00**

Local Public Agency
DuPage Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Testing Service Corporation

Job Number

COST ESTIMATE WORKSHEET

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

OVERHEAD RATE **162.25%** **COMPLEXITY FACTOR** **0**

TASK	DIRECT COSTS (not included in row totals)	MANHOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
Geotechnical Services	65,041	406	19,169	31,101	6,326		121,637	100.00%
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Subconsultant DL					0.00			
TOTALS	65,041	406	19,169	31,101	6,326	-	121,637	100.00%

Direct Costs total must equal total on Direct Costs tab

Local Public Agency
DuPage Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Testing Service Corporation

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 1

PAYROLL	AVG	TOTAL PROJ. RATES			Geotechnical Services														
CLASSIFICATION	HOURLY RATES	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Senior Engineer	53.20	112.0	27.59%	14.68	112	27.59%	14.68												
Staff Engineer	39.79	3.0	0.74%	0.29	3	0.74%	0.29												
Staking & Utility Clearance	43.26	14.0	3.45%	1.49	14	3.45%	1.49												
Drilling Inspector	51.54	4.0	0.99%	0.51	4	0.99%	0.51												
CADD Technician	23.52	10.0	2.46%	0.58	10	2.46%	0.58												
Drilling Crew	46.04	260.0	64.04%	29.49	260	64.04%	29.49												
Administrative Assistant	24.21	3.0	0.74%	0.18	3	0.74%	0.18												
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TOTALS		406.0	100%	$47.21	406.0	100.00%	$47.21	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00

Metro Strategies Group Workhour Estimate
Task 10 - Agency Coordination

Stakeholder Update and Coordination Meetings

Task	Hours
2 Agency Meetings/Coordination with 4 agencies	120
3 Special Lands Meetings/Coordination with 2 agencies	96

External Communications

Task	Hours
3 Social media posts	6
12 Monthly email newsletter updates	54
Website updates	25

IGA & MOU Development

Task	Hours
Agency meetings	123
Draft MOU templates	20
MOU development and reviews	92
Draft IGA templates	30
IGA development and reviews	175

Illinois Department of Transportation

EXHIBIT D

COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

FIXED RAISE

Local Public Agency	County	Section Number
DuPage County Division of Transportation	DuPage	23-00002-08-BT

Prime Consultant (Firm) Name	Prepared By	Date
Christopher B. Burke Engineering, Ltd.		5/7/2024

Consultant / Subconsultant Name	Job Number
Metro Strategies Group, LLC	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

CONTRACT TERM	**20**	**MONTHS**	**OVERHEAD RATE**	**116.68%**
START DATE	**3/1/2026**		**COMPLEXITY FACTOR**	
RAISE DATE	**1/1/2027**		**% OF RAISE**	**2.00%**
END DATE	10/31/2027			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	3/1/2026	1/1/2027	10	50.00%
1	1/2/2027	11/1/2027	10	51.00%

The total escalation = 1.00%

Local Public Agency	County	Section Number
DuPage County Division of Transportatio	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Metro Strategies Group, LLC	

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

MAXIMUM PAYROLL RATE	**86.00**
ESCALATION FACTOR	**1.00%**

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
Strategic Advisor	$86.00	$86.00
Principal	$76.92	$77.69
Senior Director	$75.72	$76.48
Senior Project Manager	$50.00	$50.50
Sr. Communications Manager	$50.00	$50.50
Project Manager	$40.59	$41.00

Local Public Agency	County	Section Number
DuPage County Division of Transportatior	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Metro Strategies Group, LLC	

SUBCONSULTANTS

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

NAME	Direct Labor Total	Contribution to Prime Consultant
Total	**0.00**	**0.00**

NOTE: Only subconsultants who fill out a cost estimate that splits out direct labor may be listed on this sheet.

Local Public Agency	County	Section Number
DuPage County Division of Transportation	DuPage	23-00002-08-BT

Consultant / Subconsultant Name	Job Number
Metro Strategies Group, LLC	

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			$0.00
Vehicle Owned or Leased	$32.50/half day (4 hours or less) or $65/full day			$0.00
Vehicle Rental	Actual Cost (Up to $55/day)			$0.00
Tolls	Actual Cost			$0.00
Parking	Actual Cost			$0.00
Overtime	Premium portion (Submit supporting documentation)			$0.00
Shift Differential	Actual Cost (Based on firm's policy)			$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			$0.00
Project Specific Insurance	Actual Cost			$0.00
Monuments (Permanent)	Actual Cost			$0.00
Photo Processing	Actual Cost			$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			$0.00
CADD	Actual Cost (Max $15/hour)			$0.00
Web Site	Actual Cost (Submit supporting documentation)			$0.00
Advertisements	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			$0.00
Recording Fees	Actual Cost			$0.00
Transcriptions (specific to project)	Actual Cost			$0.00
Courthouse Fees	Actual Cost			$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Testing of Soil Samples	Actual Cost			$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Translation	Actual Cost			$0.00
Mailings (Postcards)	Actual Cost			$0.00
				$0.00
				$0.00
			TOTAL DIRECT COSTS:	**$0.00**

Local Public Agency
DuPage County Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Metro Strategies Group, LLC

Job Number

COST ESTIMATE WORKSHEET

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

OVERHEAD RATE **116.68%**   **COMPLEXITY FACTOR** **0**

TASK	DIRECT COSTS (not included in row totals)	STAFF HOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
10. Agency Coordination		741	47,103	54,960	15,309		117,372	100.00%
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Subconsultant DL							$0.00	
Direct Costs Total ===>	$0.00						**$0.00**	
TOTALS		741	47,103	54,960	15,309	-	117,372	100.00%

102,063

Local Public Agency
DuPage County Division of Transportation

County
DuPage

Section Number
23-00002-08-BT

Consultant / Subconsultant Name
Metro Strategies Group, LLC

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			10. Agency Coordination														
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Strategic Advisor	86.00	0.0			0						0			0			0		
Principal	77.69	187.0	25.24%	19.61	187	25.24%	19.61												
Senior Director	76.48	177.0	23.89%	18.27	177	23.89%	18.27												
Senior Project Manager	50.50	361.0	48.72%	24.60	361	48.72%	24.60												
Sr. Communications Manager	50.50	16.0	2.16%	1.09	16	2.16%	1.09												
Project Manager	41.00	0.0																	
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TOTALS		741.0	100%	$63.57	741.0	100.00%	$63.57	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00	0.0	0%	$0.00